

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118225.D
 Acq On : 17 Dec 2019 14:26
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/18/2019 2:41:03 PM

Quant Time: Dec 18 05:24:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	160544	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	620053	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	326143	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	598814	20.00	ng	0.00
76) Chrysene-d12	14.06	240	384387	20.00	ng	-0.01
87) Perylene-d12	15.54	264	334723	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	724076	78.99	ng	0.00
7) Phenol-d6	6.50	99	888829	80.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	851679	77.27	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	304266	76.80	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1715551	80.04	ng	-0.01
79) Terphenyl-d14	13.00	244	1815726	81.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	149415	38.659	ng	99
3) Pyridine	3.38	79	386061	38.716	ng	99
4) n-Nitrosodimethylamine	3.35	42	168704	39.328	ng	98
6) Aniline	6.53	93	559019	39.417	ng	99
8) 2-Chlorophenol	6.65	128	407922	39.467	ng	99
9) Benzaldehyde	6.41	77	220132	37.493	ng	96
10) Phenol	6.51	94	499233	39.484	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	365370	39.955	ng	95
12) 1,3-Dichlorobenzene	6.80	146	475397	39.374	ng	98
13) 1,4-Dichlorobenzene	6.88	146	479212	39.415	ng	99
14) 1,2-Dichlorobenzene	7.03	146	454032	39.766	ng	97
15) Benzyl Alcohol	7.01	79	348376	40.254	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	428490	38.971	ng	91
17) 2-Methylphenol	7.12	107	328577	39.970	ng	98
18) Hexachloroethane	7.37	117	177991	39.731	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	269811	40.049	ng	98
20) 3+4-Methylphenols	7.27	107	425436	41.202	ng	93
22) Acetophenone	7.27	105	587786	39.458	ng	99
24) Nitrobenzene	7.45	77	414355	38.265	ng	100
25) Isophorone	7.69	82	711771	38.095	ng	100
26) 2-Nitrophenol	7.76	139	226148	39.073	ng	92
27) 2,4-Dimethylphenol	7.80	122	297877	38.584	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	468689	38.390	ng	100
29) 2,4-Dichlorophenol	8.01	162	349187	38.798	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	413907	39.352	ng	96
31) Naphthalene	8.17	128	1219076	39.148	ng	99
32) Benzoic acid	7.95	122	265059	38.025	ng	96
33) 4-Chloroaniline	8.22	127	509953	37.926	ng	98
34) Hexachlorobutadiene	8.29	225	246689	39.113	ng	99
35) Caprolactam	8.60	113	103249	37.200	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	365941	38.637	ng	98
37) 2-Methylnaphthalene	8.86	142	828663	39.306	ng	98
38) 1-Methylnaphthalene	8.96	142	773815	39.091	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	382830	38.748	ng	100

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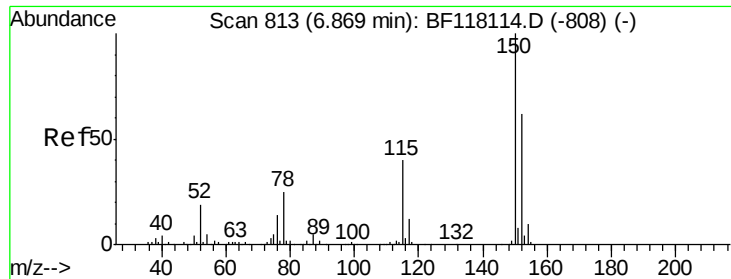
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	177972	40.204	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	256659	38.907	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	256951	37.596	nq	95
46) 1,1'-Biphenyl	9.33	154	1007640	39.173	nq	99
47) 2-Chloronaphthalene	9.36	162	807692	39.035	nq	97
48) 2-Nitroaniline	9.46	65	224847	38.106	nq	98
49) Acenaphthylene	9.77	152	1180014	38.666	nq	100
50) Dimethylphthalate	9.63	163	935124	38.817	nq	99
51) 2,6-Dinitrotoluene	9.70	165	200310	38.240	nq	99
52) Acenaphthene	9.95	154	715092	38.389	nq	99
53) 3-Nitroaniline	9.87	138	228924	37.135	nq	92
54) 2,4-Dinitrophenol	9.98	184	107488	41.244	nq	93
55) Dibenzofuran	10.12	168	1064116	38.987	nq	98
56) 4-Nitrophenol	10.03	139	146890	34.334	nq	99
57) 2,4-Dinitrotoluene	10.10	165	269328	38.521	nq	97
58) Fluorene	10.46	166	849472	39.163	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	212501	37.687	nq	99
60) Diethylphthalate	10.33	149	921238	38.813	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	425140	38.954	nq	93
62) 4-Nitroaniline	10.49	138	239919	37.315	nq	97
63) Azobenzene	10.62	77	783457	38.667	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	122159	36.940	nq	89
66) n-Nitrosodiphenylamine	10.57	169	733759	39.239	nq	100
67) 4-Bromophenyl-phenylether	10.95	248	269714	39.457	nq	93
68) Hexachlorobenzene	11.02	284	315336	39.194	nq	97
69) Atrazine	11.10	200	218821	43.307	nq	98
70) Pentachlorophenol	11.21	266	138306	36.554	nq	98
71) Phenanthrene	11.43	178	1226770	38.539	nq	100
72) Anthracene	11.49	178	1249160	39.337	nq	99
73) Carbazole	11.64	167	1078500	37.854	nq	99
74) Di-n-butylphthalate	11.96	149	1403029	39.348	nq	99
75) Fluoranthene	12.63	202	1213404	37.283	nq	99
77) Benzidine	12.74	184	386062	38.152	nq	99
78) Pyrene	12.86	202	1200044	39.617	nq	99
80) Butylbenzylphthalate	13.47	149	552310	40.260	nq	98
81) Benzo(a)anthracene	14.05	228	1019740	38.366	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	334592	38.330	nq	99
83) Chrysene	14.09	228	961014	37.851	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	735592	40.665	nq	99
85) Di-n-octyl phthalate	14.64	149	1069163	39.017	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	816550	38.223	nq	99
88) Benzo(b)fluoranthene	15.11	252	804266	36.331	nq	99
89) Benzo(k)fluoranthene	15.14	252	822097m	38.656	nq	
90) Benzo(a)pyrene	15.49	252	740885	37.894	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	677111	40.377	nq	99
92) Benzo(g,h,i)perylene	17.52	276	659239	40.910	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

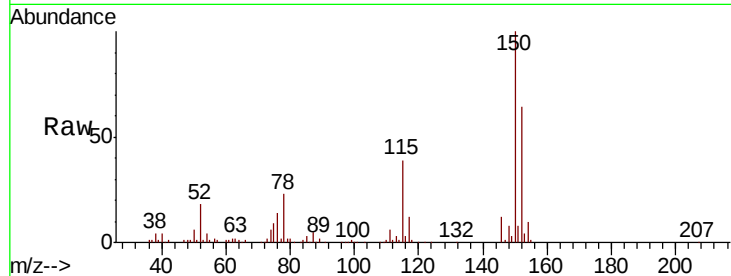
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
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ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	128.3	192.5
115	59.9	51.1	76.7

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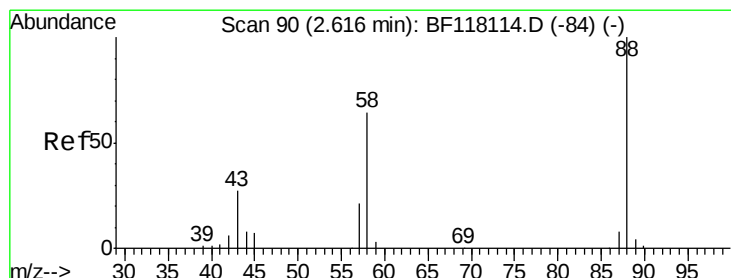
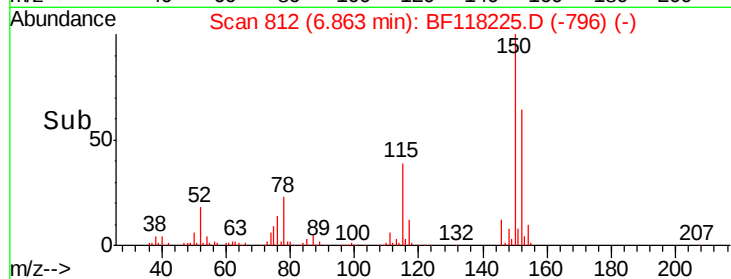
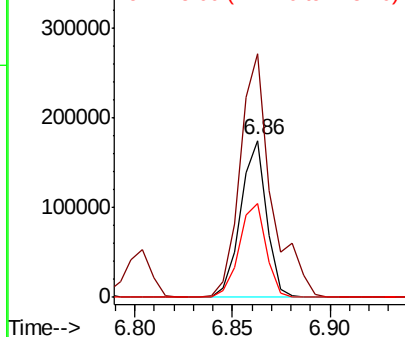


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

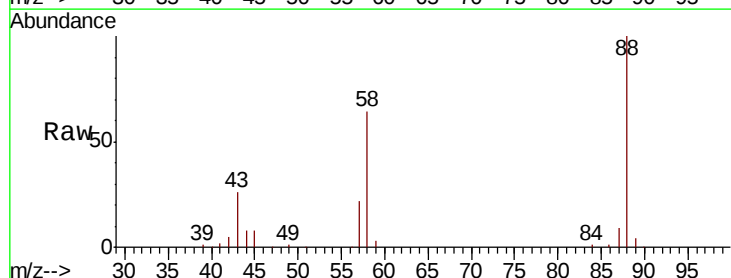
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.659 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	52.2	78.4
43	26.7	21.4	32.2

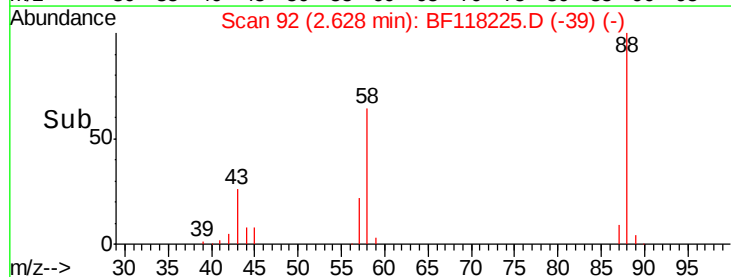
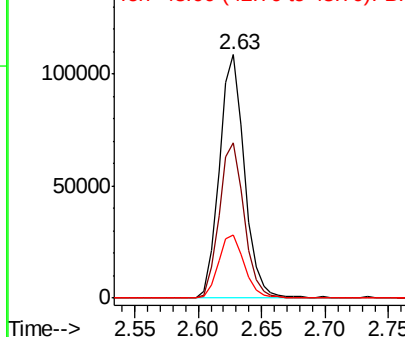


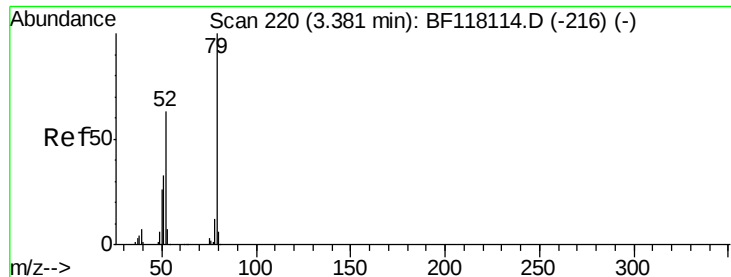
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.716 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

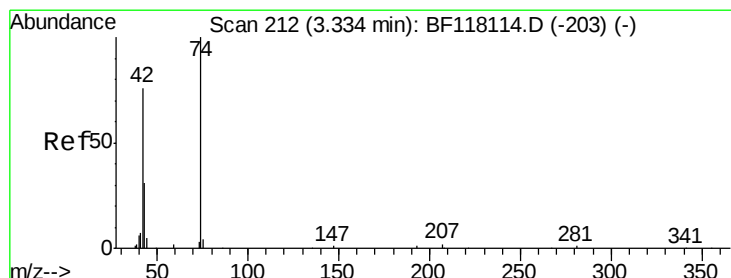
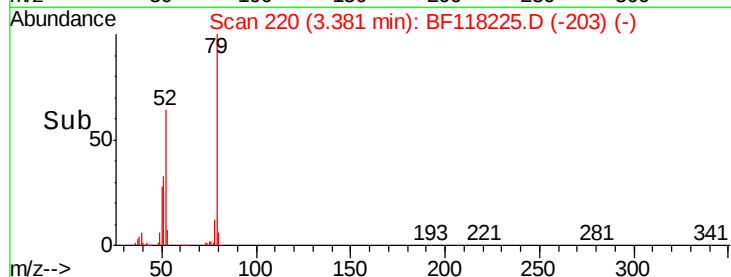
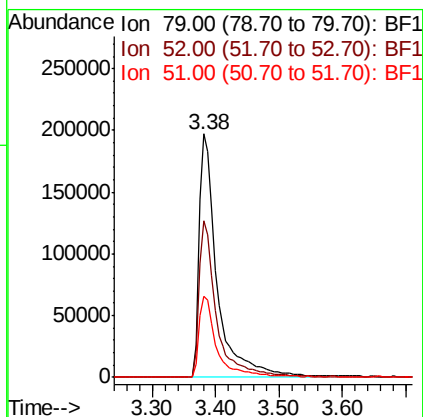
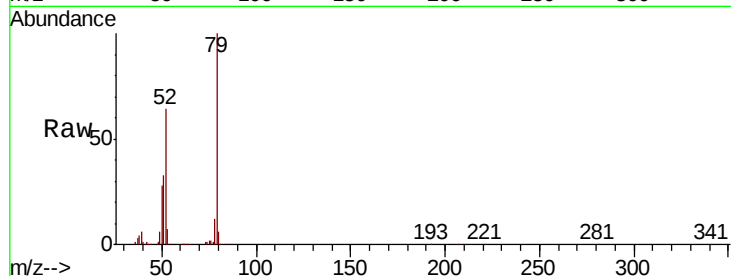
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	386061
Ion	Ratio	Lower	Upper
79	100		
52	64.1	50.7	76.1
51	33.4	26.4	39.6

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#4

n-Nitrosodimethylamine

Concen: 39.328 ng

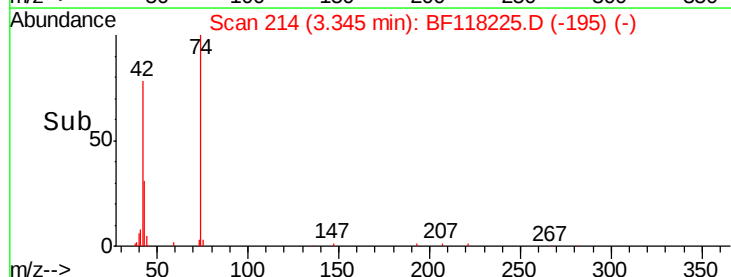
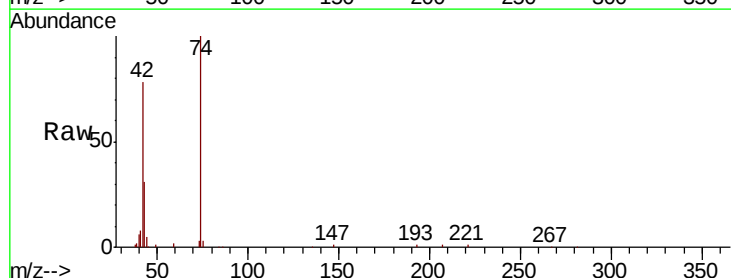
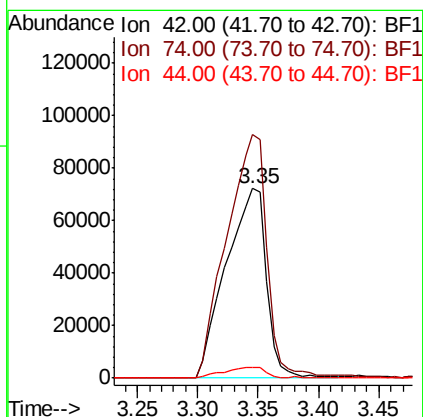
RT: 3.35 min Scan# 214

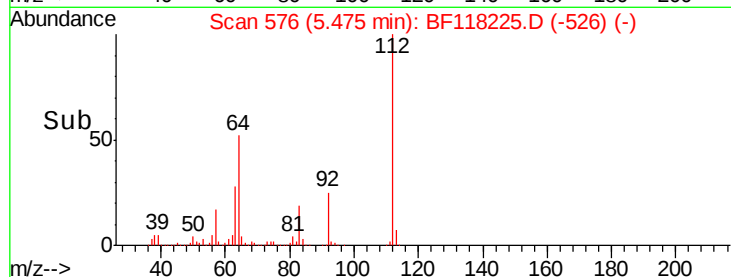
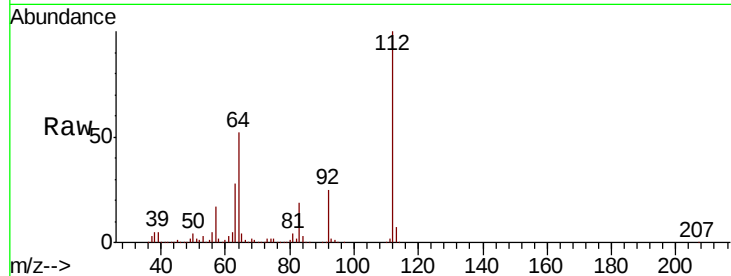
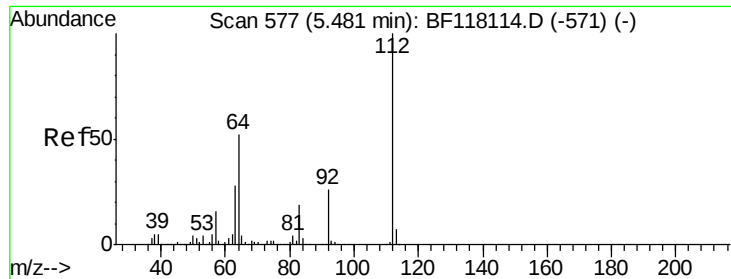
Delta R.T. 0.01 min

Lab File: BF118225.D

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Tgt Ion:	42	Resp:	168704
Ion	Ratio	Lower	Upper
42	100		
74	128.3	104.6	157.0
44	5.9	5.1	7.7





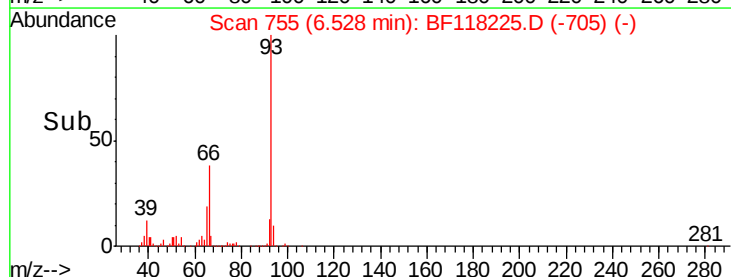
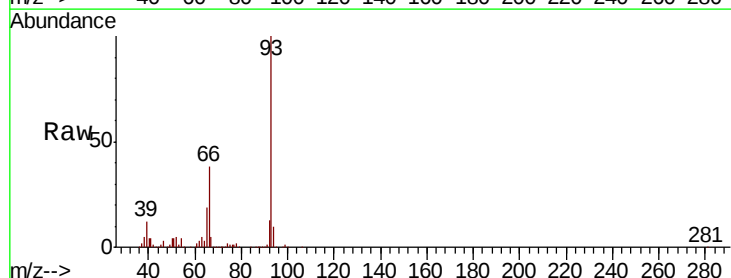
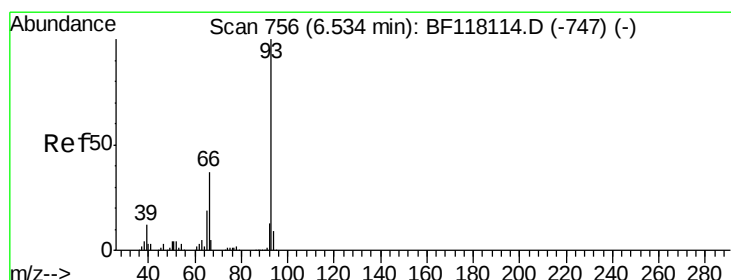
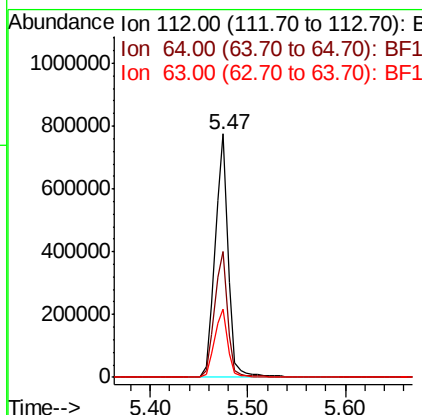
#5
2-Fluorophenol
Concen: 78.994 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	51.8	41.3	61.9
63	28.1	22.4	33.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

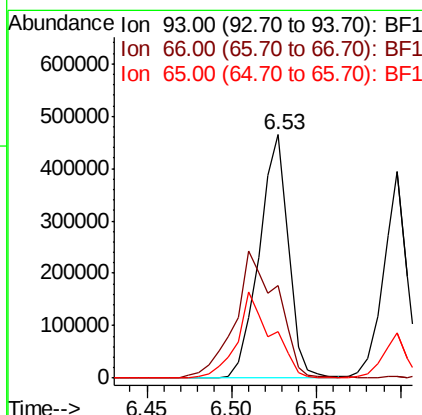
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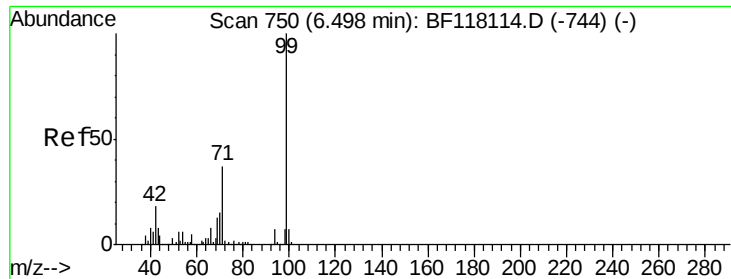
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#6
Aniline
Concen: 39.417 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.2	30.2	45.2
65	19.2	15.5	23.3





#7

Phenol-d6

Concen: 80.169 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

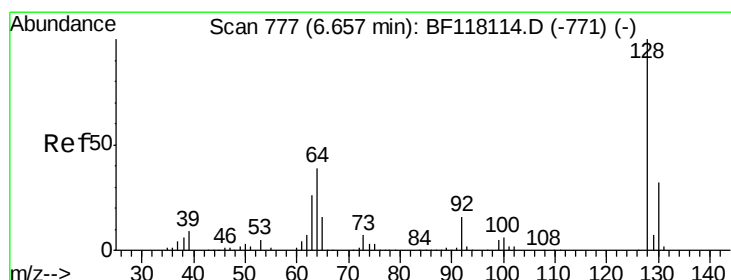
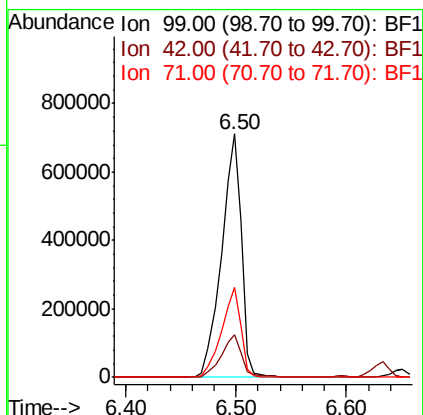
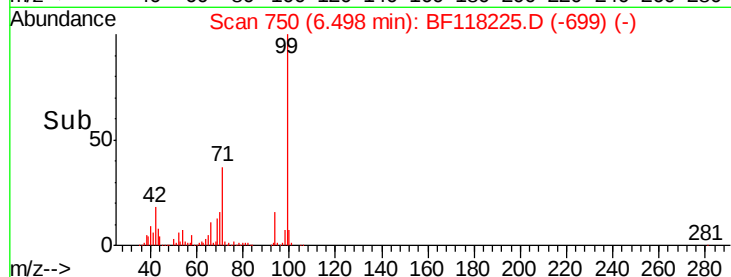
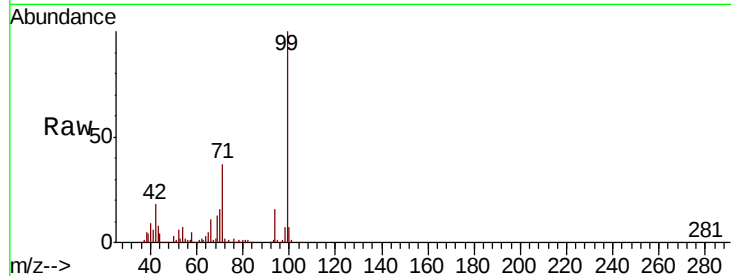
ClientSampleId :

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Tot Ion:	99	Resp:	888829
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.1	21.1
71	36.8	29.7	44.5

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#8

2-Chlorophenol

Concen: 39.467 ng

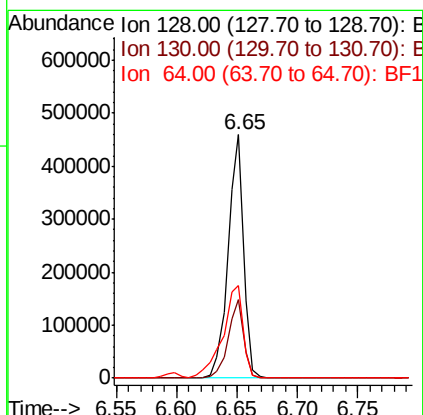
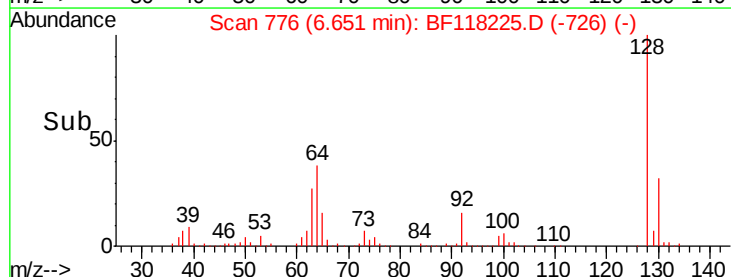
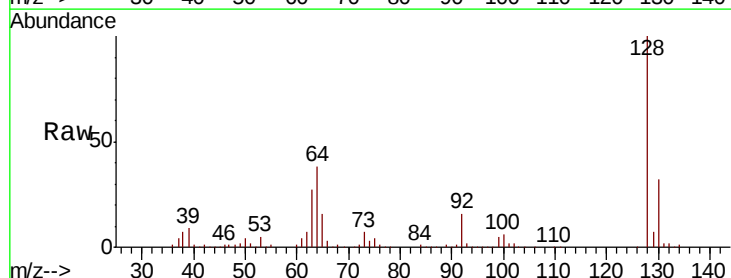
RT: 6.65 min Scan# 776

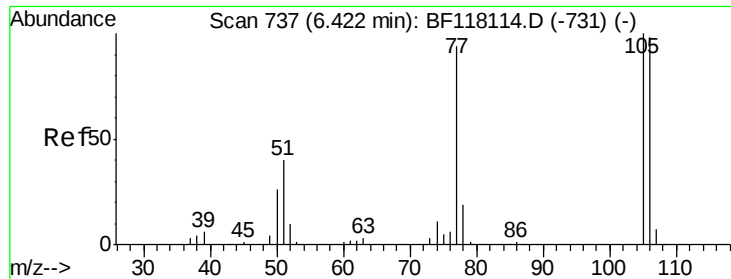
Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:	128	Resp:	407922
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.1	52.1
64	38.2	19.3	59.3





#9

Benzaldehyde

Concen: 37.493 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

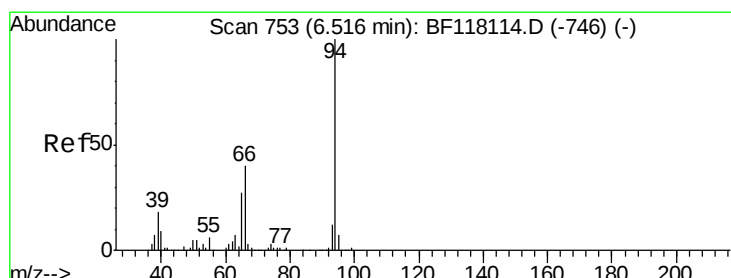
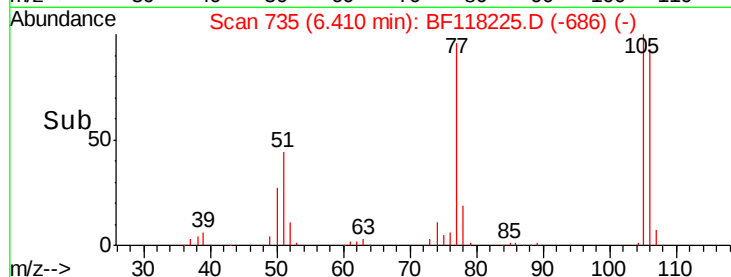
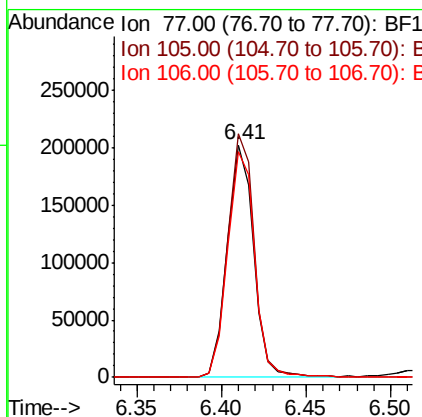
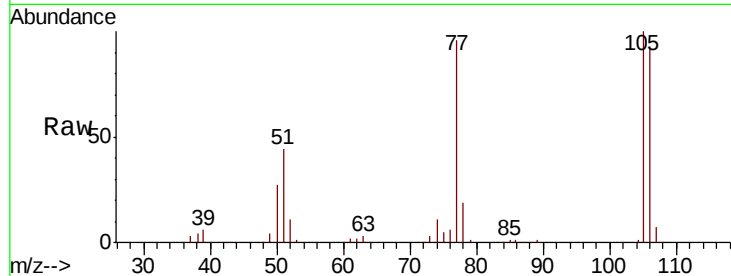
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	220132
Ion	Ratio	Lower	Upper
77	100		
105	104.7	86.4	126.4
106	97.3	83.8	123.8

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#10

Phenol

Concen: 39.484 ng

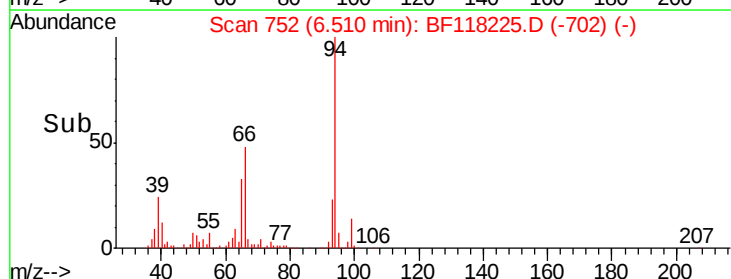
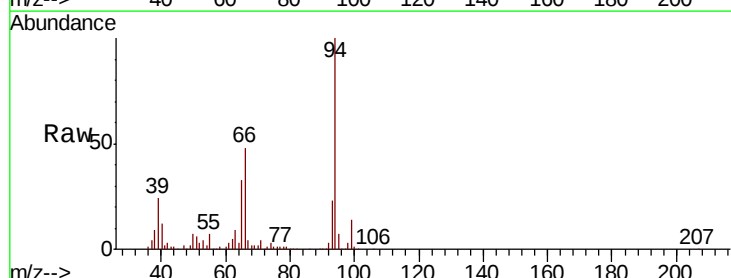
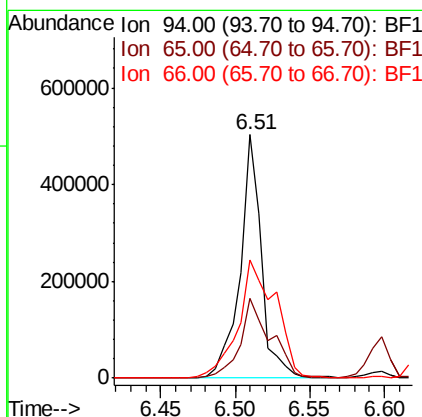
RT: 6.51 min Scan# 752

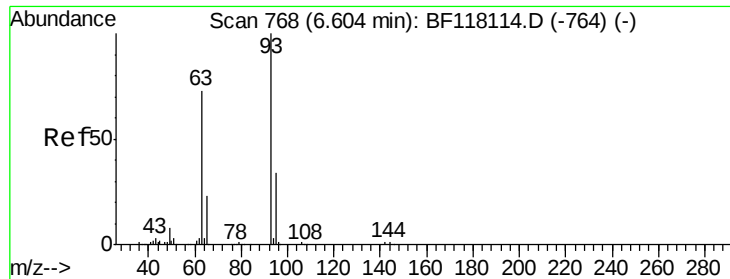
Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:	94	Resp:	499233
Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.3	47.3
66	48.4	20.2	60.2





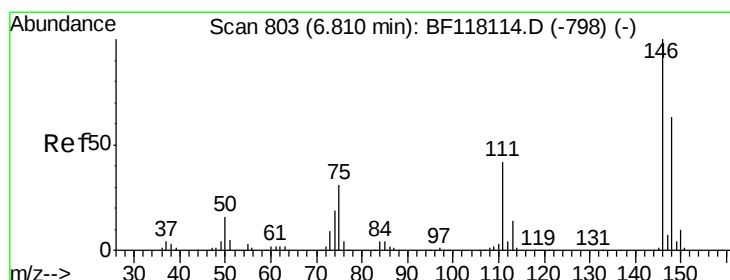
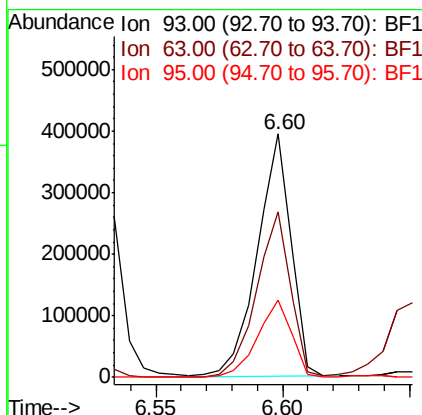
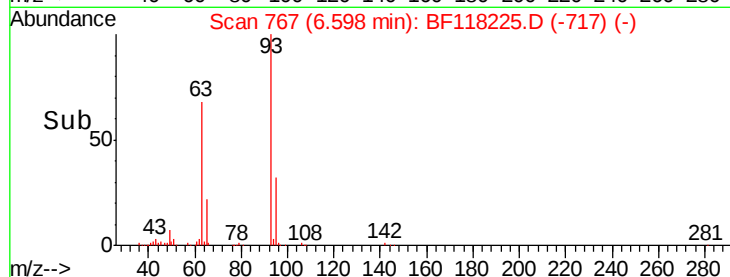
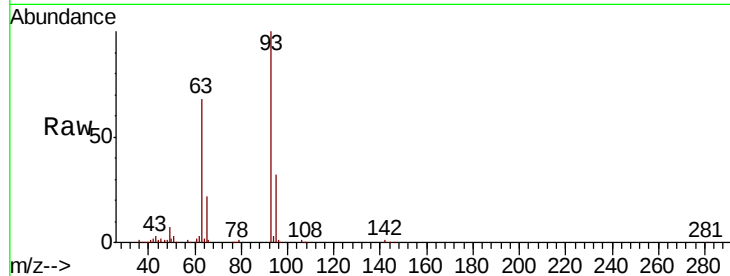
#11
bis(2-Chloroethyl)ether
Concen: 39.955 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.0	53.2	93.2
95	31.9	13.8	53.8

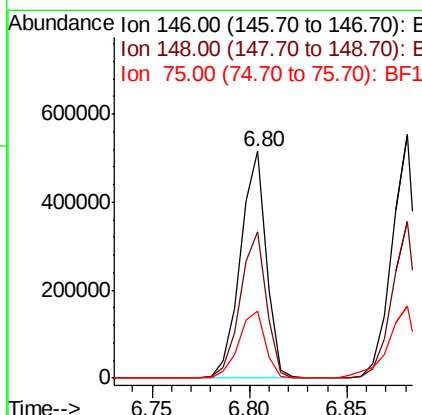
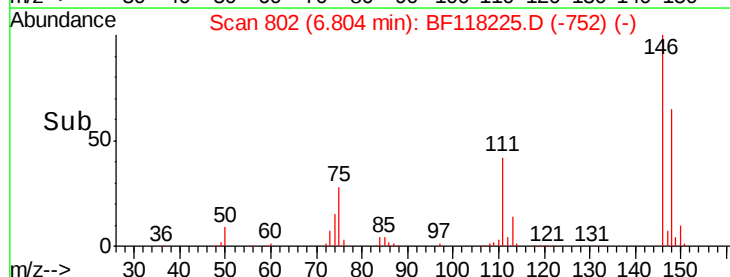
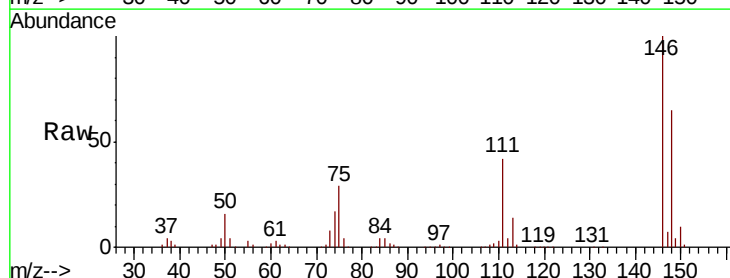
Manual Integrations
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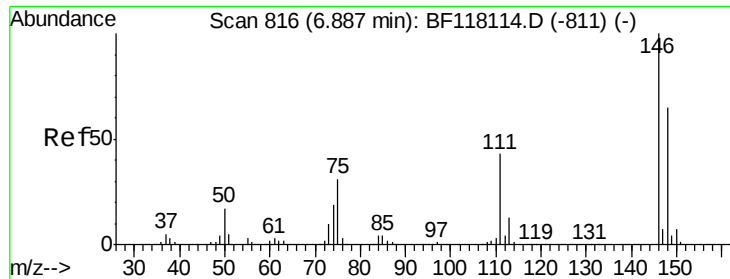
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.374 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.4
75	29.3	24.6	37.0





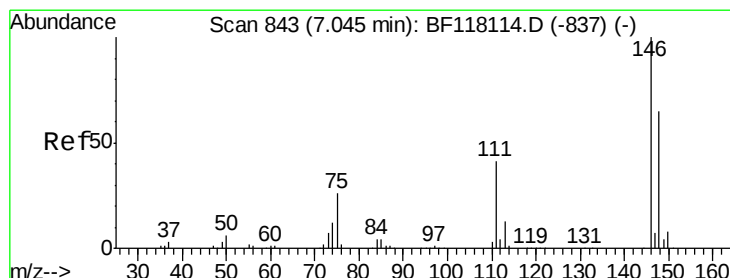
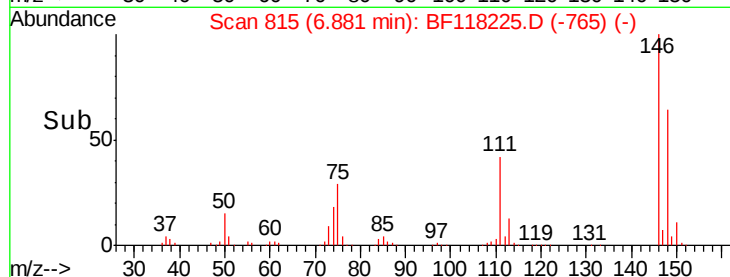
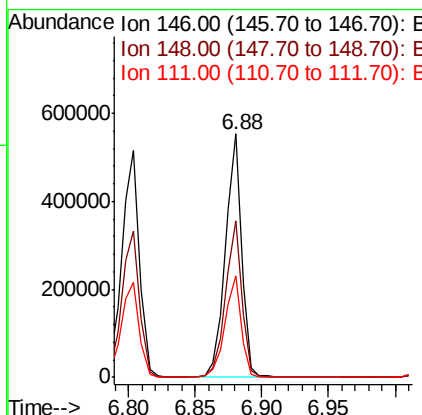
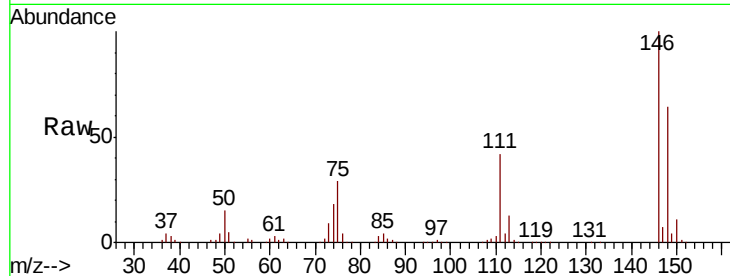
#13
1,4-Dichlorobenzene
Concen: 39.415 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
111	41.7	34.6	52.0

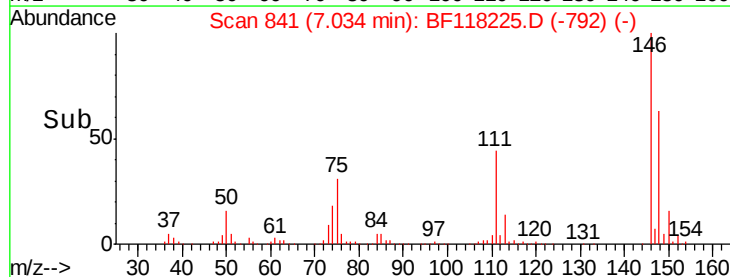
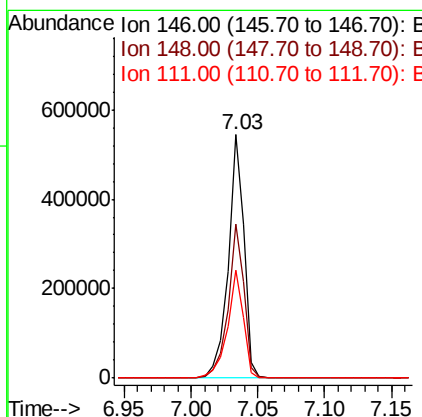
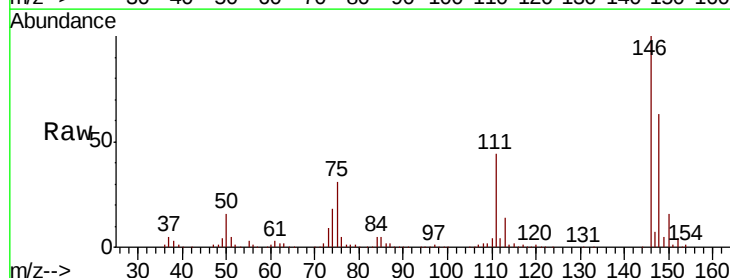
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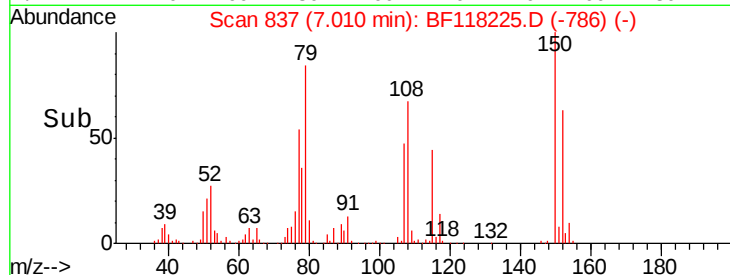
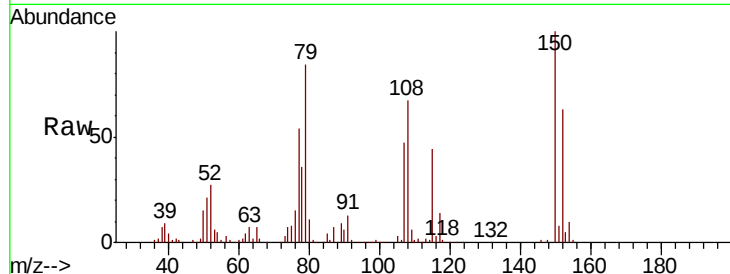
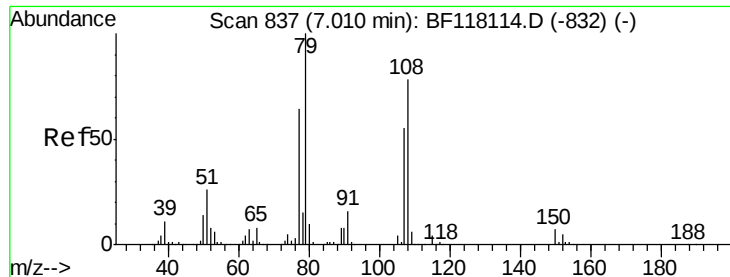
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#14
1,2-Dichlorobenzene
Concen: 39.766 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	44.1	33.1	49.7





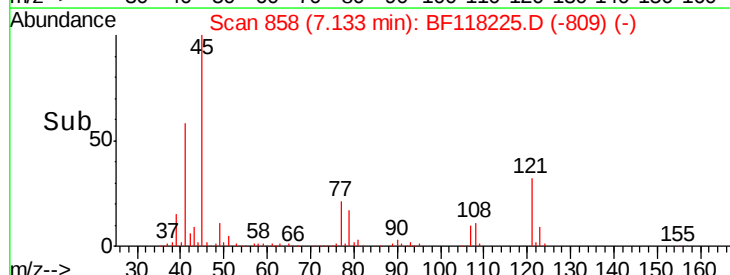
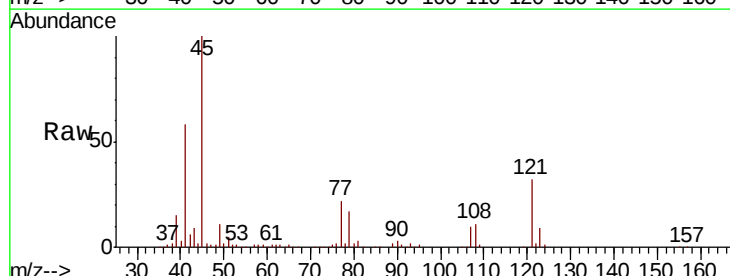
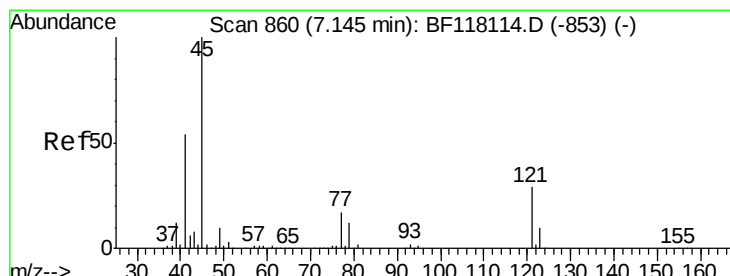
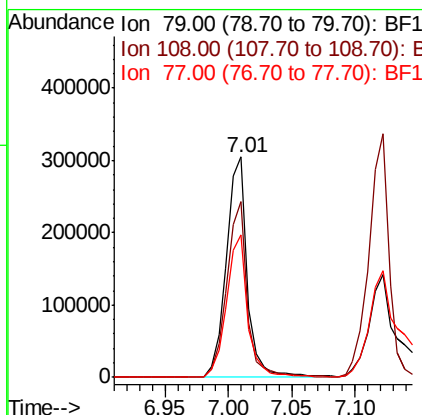
#15
Benzyl Alcohol
Concen: 40.254 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tot Ion	Ratio	Resp	Lower	Upper
79	100	348376		
108	79.8	62.7	94.1	
77	64.7	51.4	77.2	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

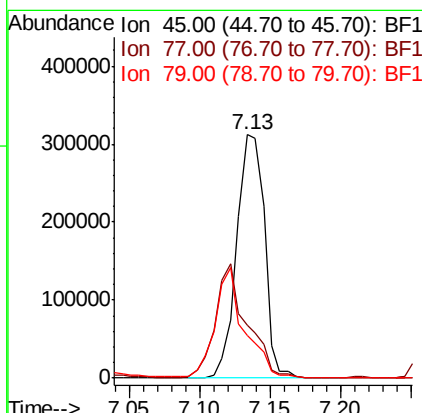
Manual Integrations
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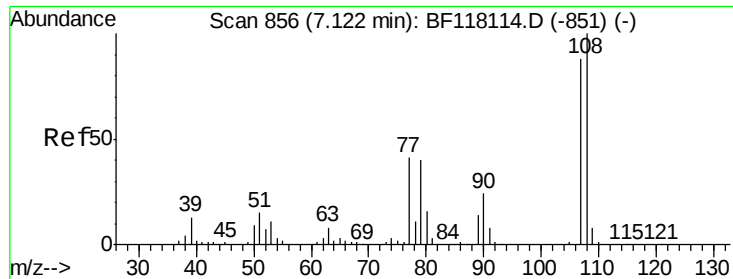
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.971 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	428490		
77	21.6	0.0	38.0	
79	17.4	0.0	33.2	





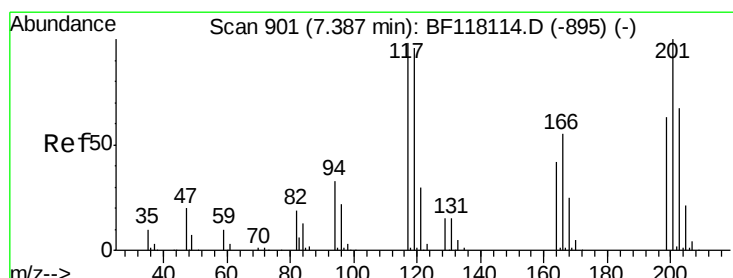
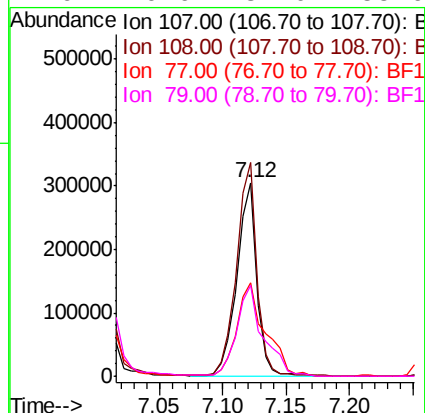
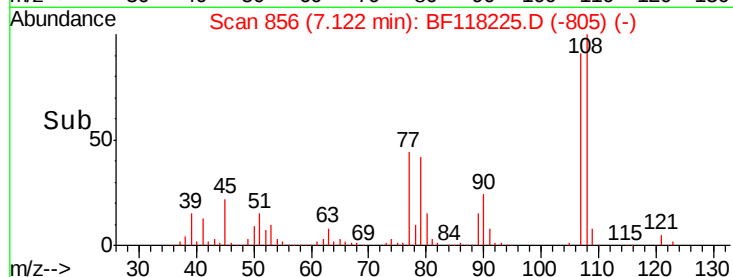
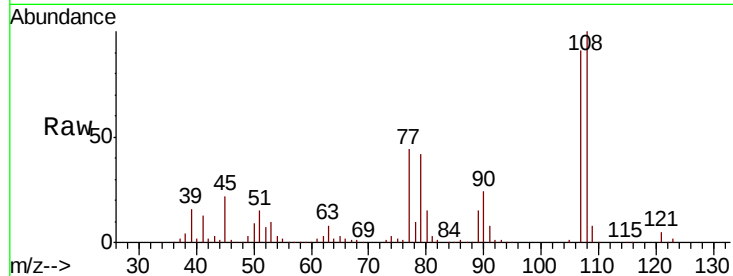
#17
2-Methylphenol
Concen: 39.970 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	91.1	136.7
77	48.2	37.8	56.6
79	46.6	37.0	55.6

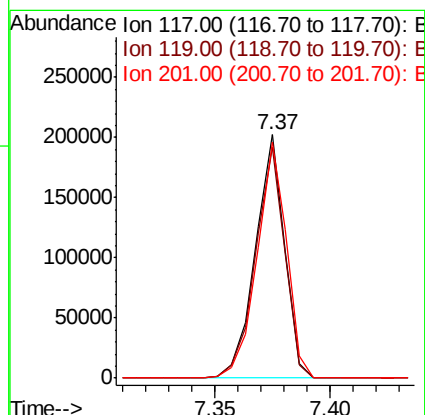
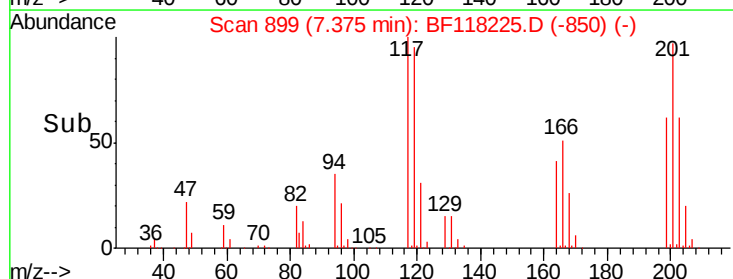
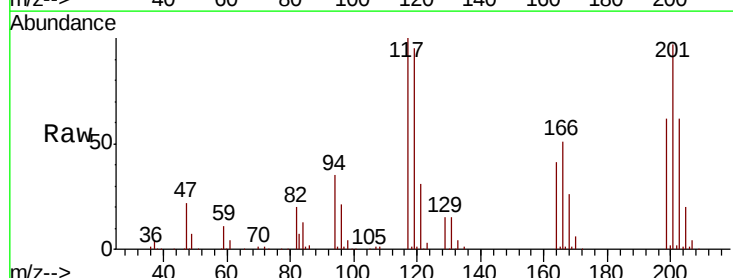
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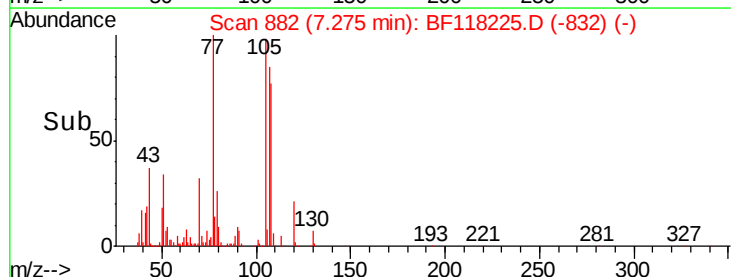
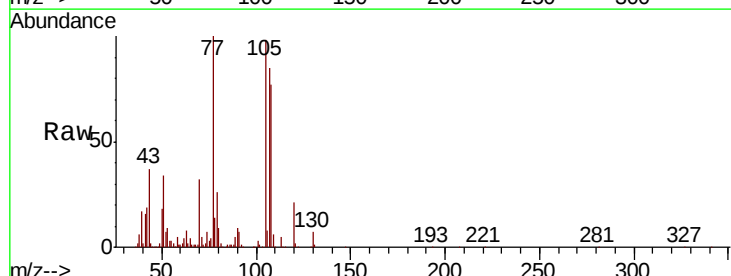
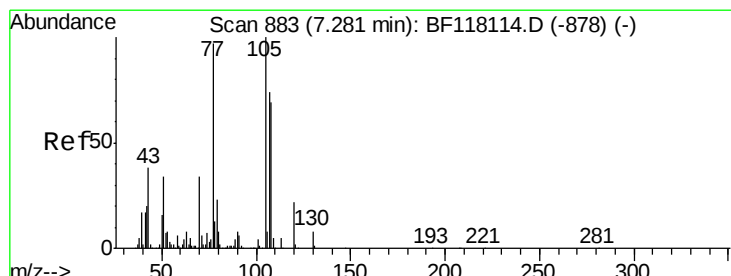
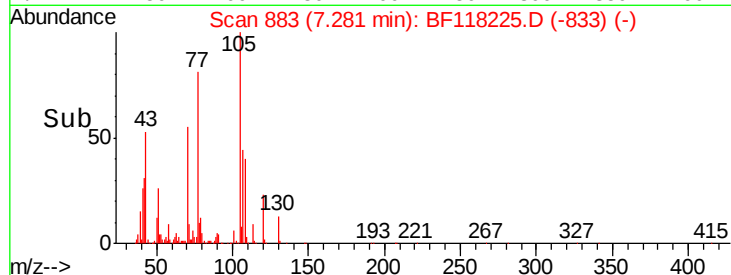
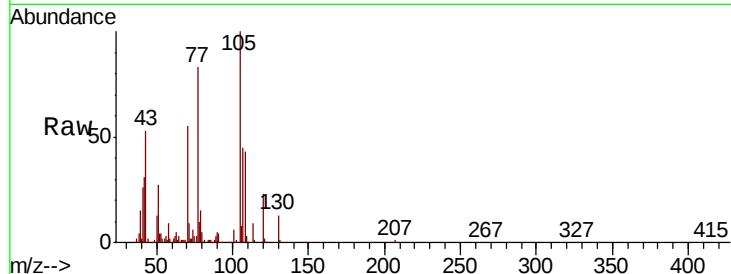
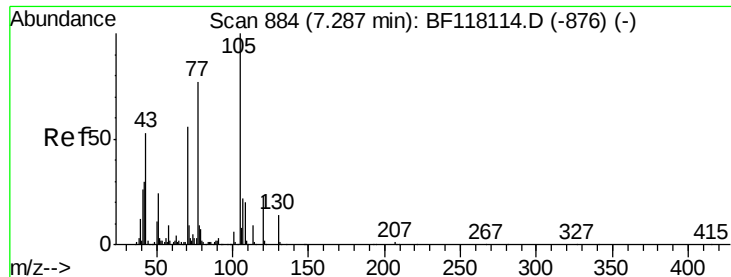
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#18
Hexachloroethane
Concen: 39.731 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.4
201	97.0	81.6	122.4





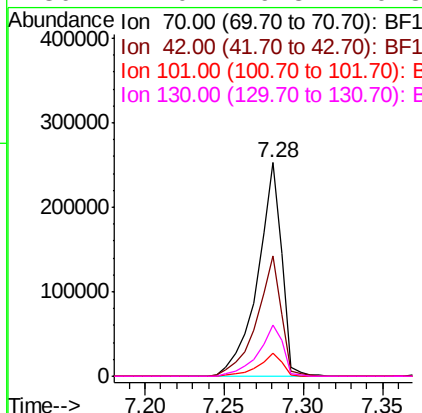
#19
n-Nitroso-di-n-propylamine
Concen: 40.049 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.2	43.2	64.8
101	10.6	8.1	12.1
130	24.0	19.8	29.8

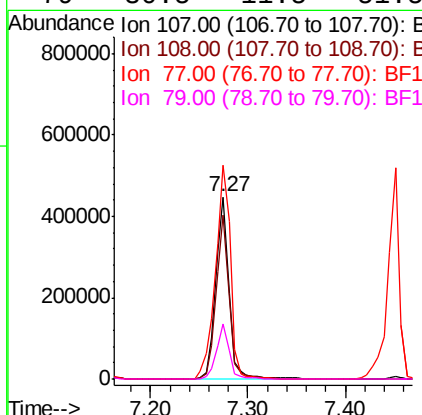
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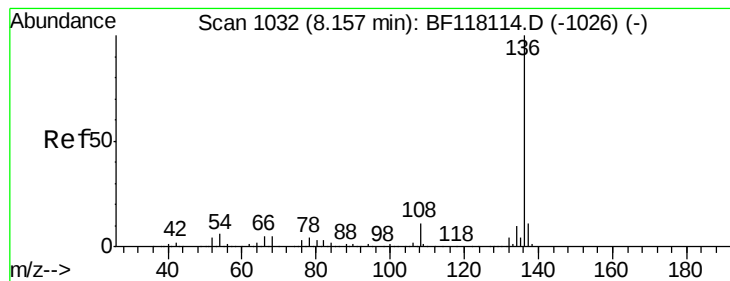
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#20
3+4-Methylphenols
Concen: 41.202 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	73.2	113.2
77	117.4	110.9	150.9
79	30.5	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

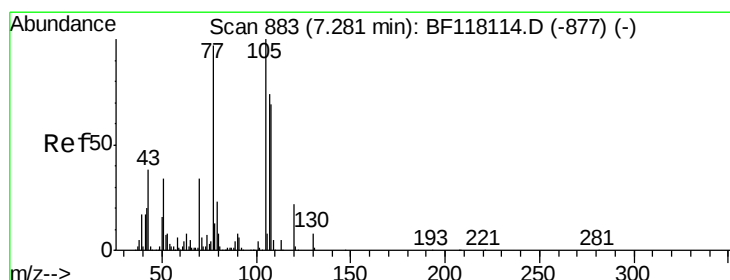
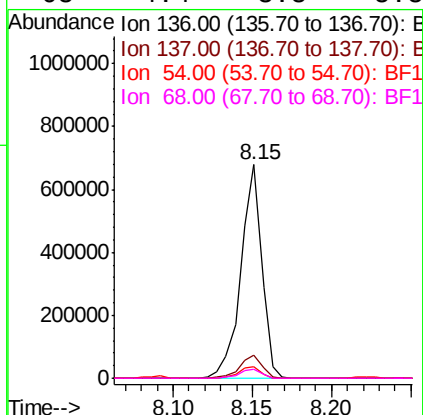
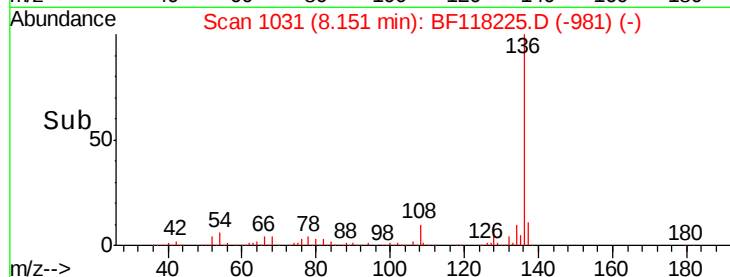
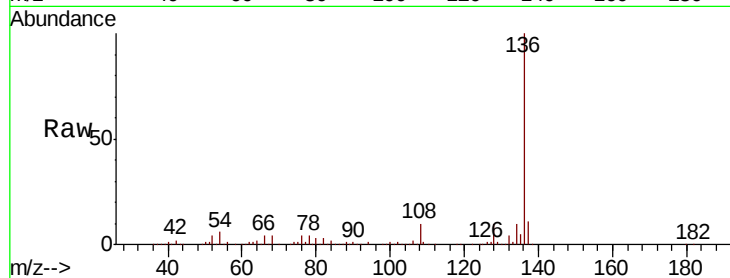
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	620053		
137	10.8		9.0	13.6
54	5.7		5.0	7.6
68	4.4		3.8	5.8

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#22

Acetophenone

Concen: 39.458 ng

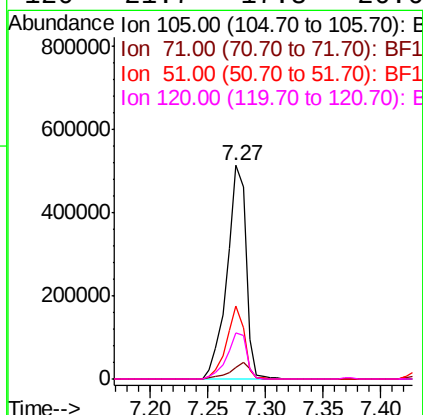
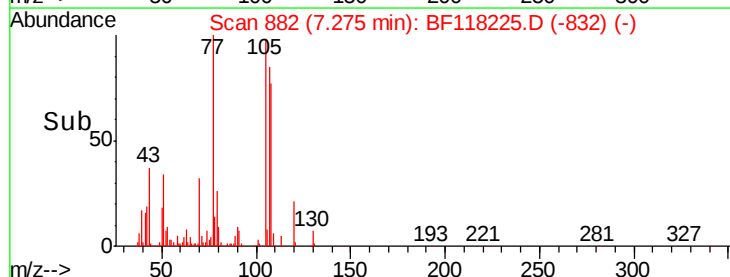
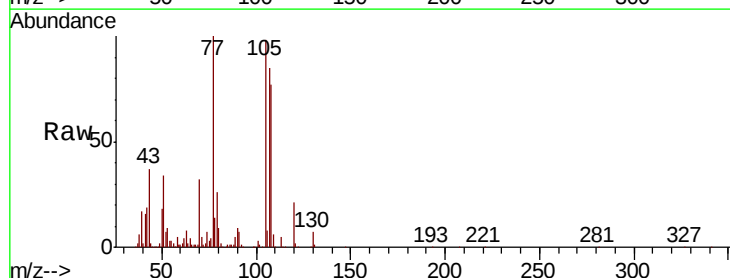
RT: 7.27 min Scan# 882

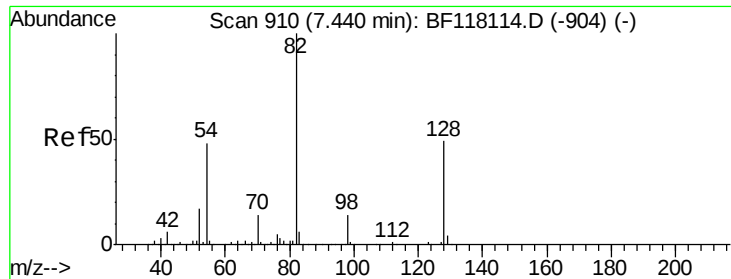
Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	587786		
71	5.3		4.7	7.1
51	34.4		27.1	40.7
120	21.7		17.8	26.6





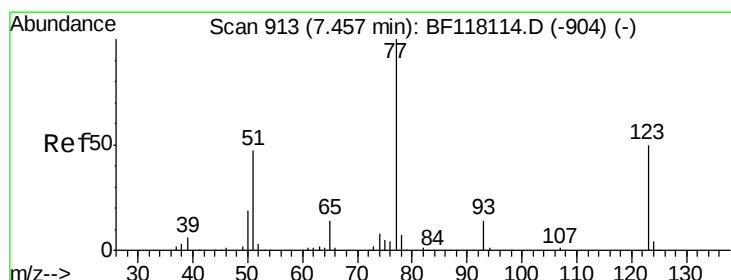
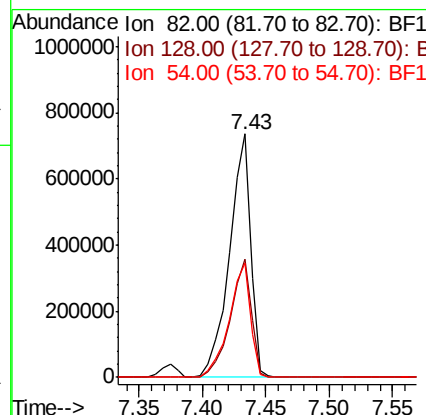
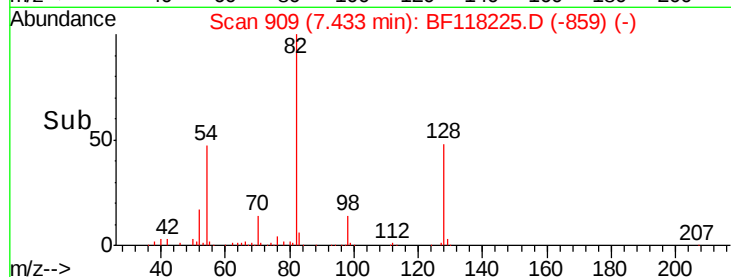
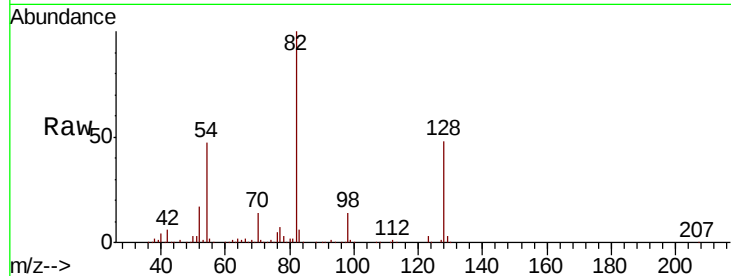
#23
 Nitrobenzene-d5
 Concen: 77.273 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.4	39.1	58.7
54	47.0	38.2	57.2

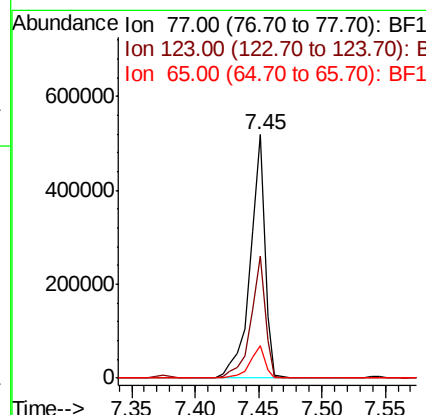
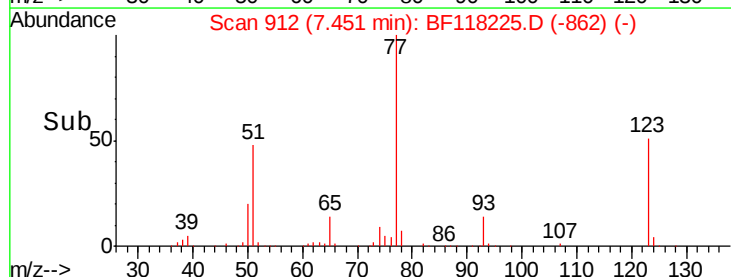
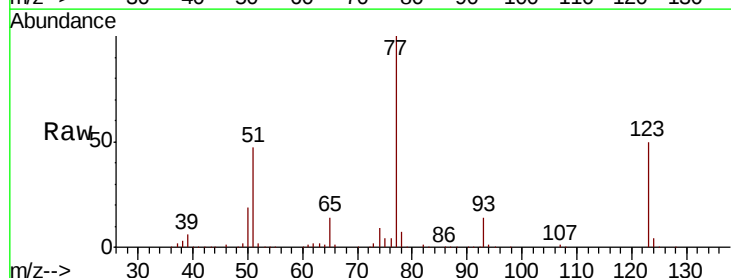
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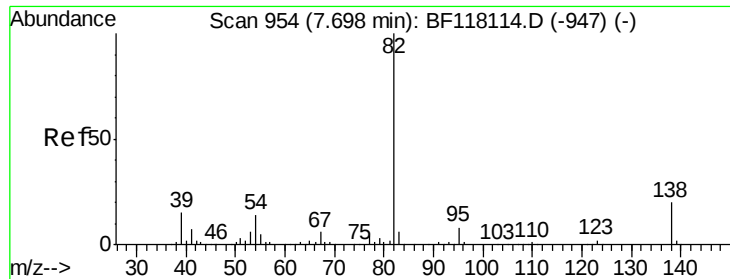
mohammad
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#24
 Nitrobenzene
 Concen: 38.265 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.1	60.1
65	13.6	10.9	16.3





#25

Isophorone

Concen: 38.095 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

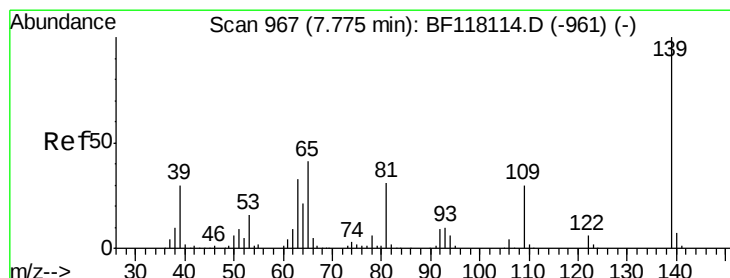
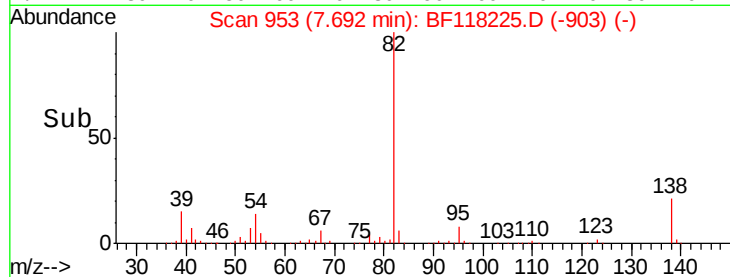
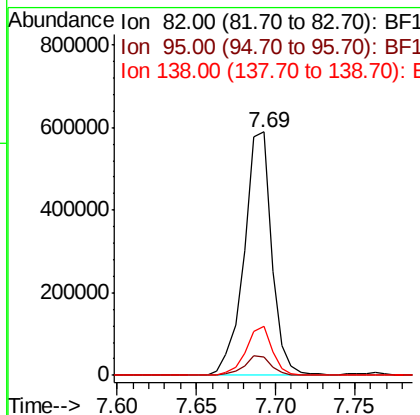
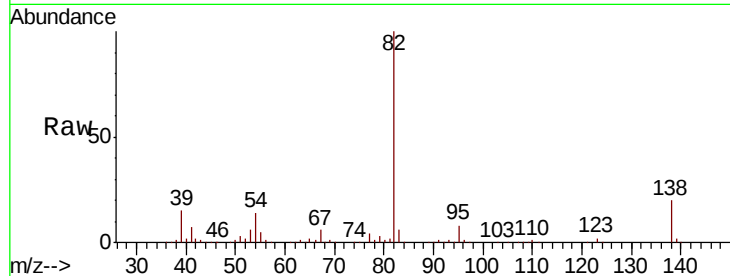
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	711771
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.3	9.5
138	20.4	16.3	24.5

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#26

2-Nitrophenol

Concen: 39.073 ng

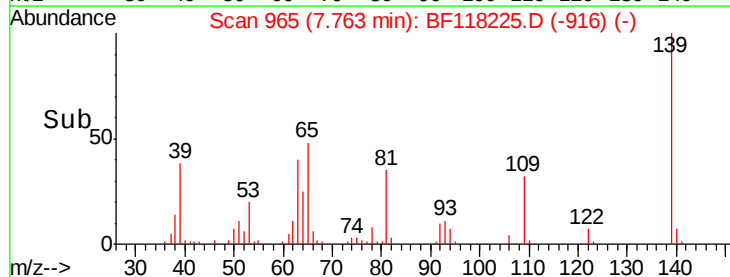
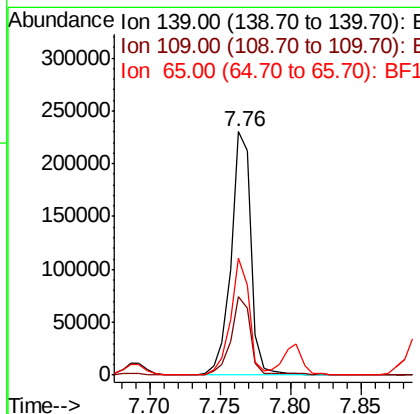
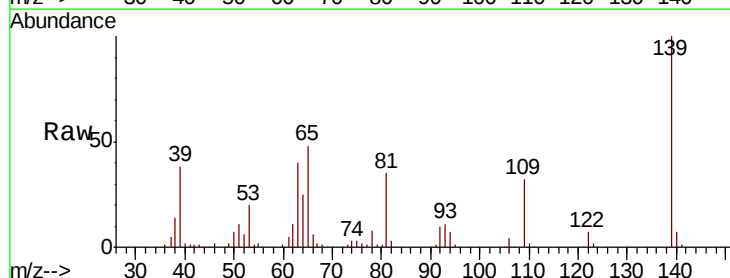
RT: 7.76 min Scan# 965

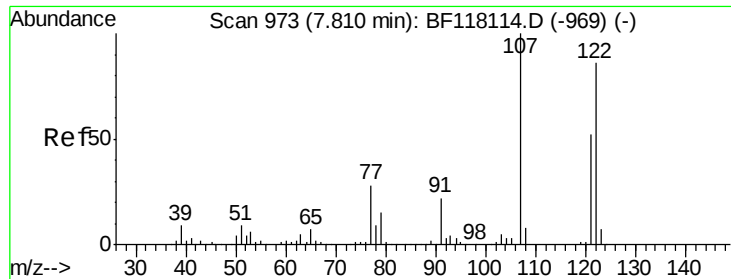
Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:	139	Resp:	226148
Ion Ratio	Lower	Upper	
139	100		
109	32.1	23.9	35.9
65	48.0	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 38.584 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

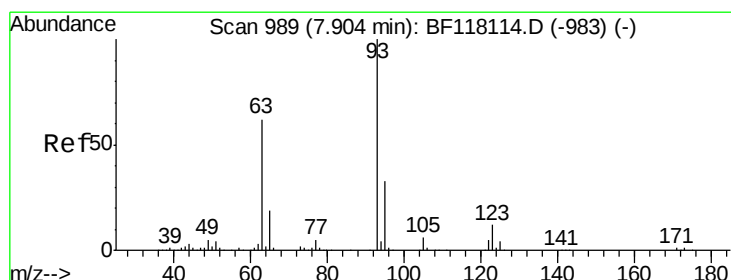
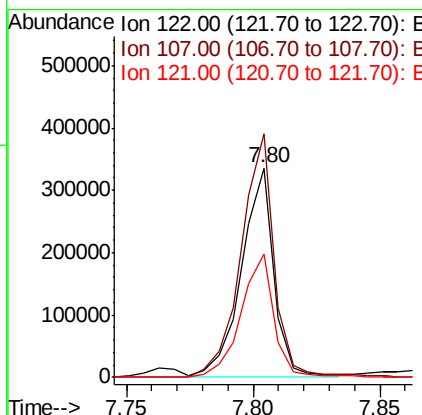
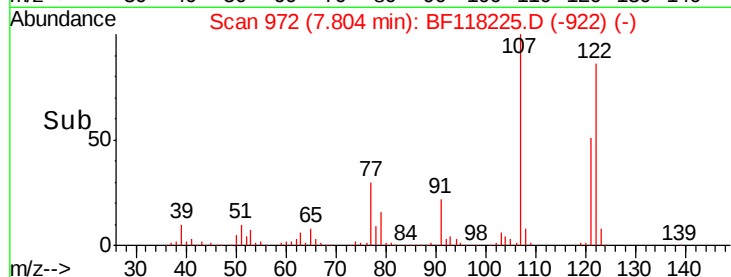
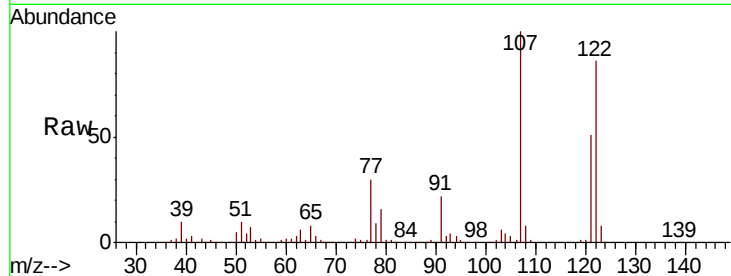
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	297877
Ion Ratio	Lower	Upper	
122	100		
107	116.3	92.9	139.3
121	59.2	48.3	72.5

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#28

bis(2-Chloroethoxy)methane

Concen: 38.390 ng

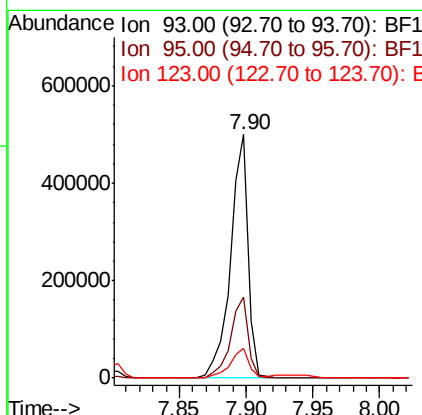
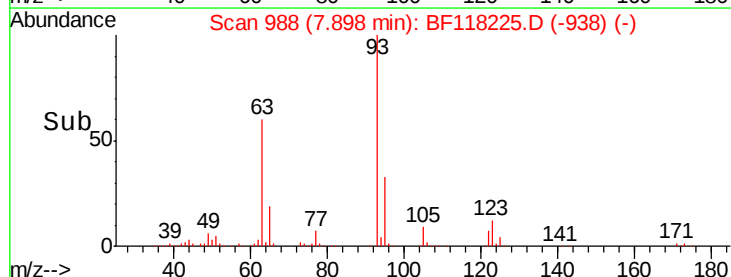
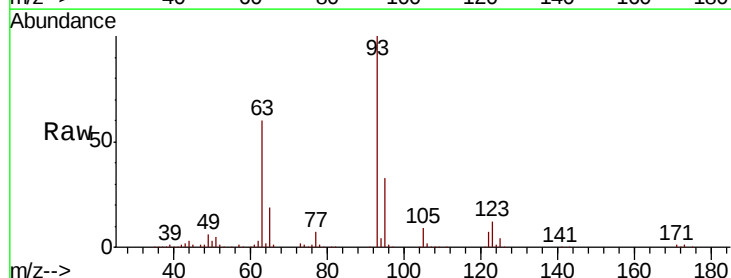
RT: 7.90 min Scan# 988

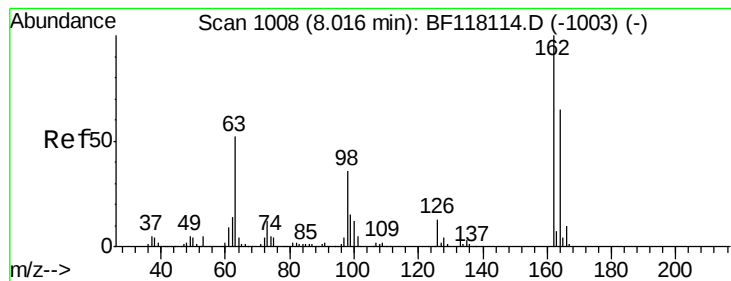
Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:	93	Resp:	468689
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.7	40.1
123	12.4	10.0	15.0





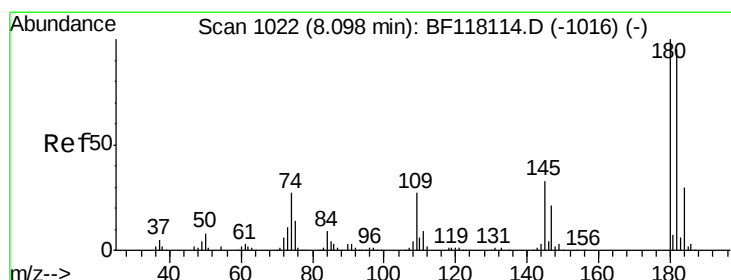
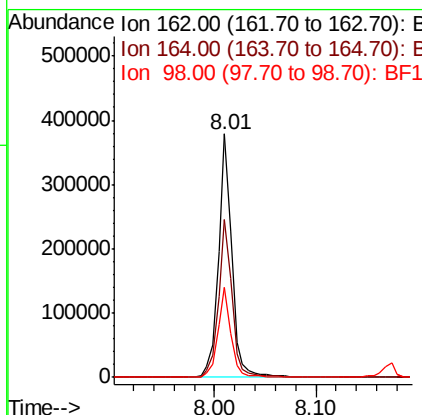
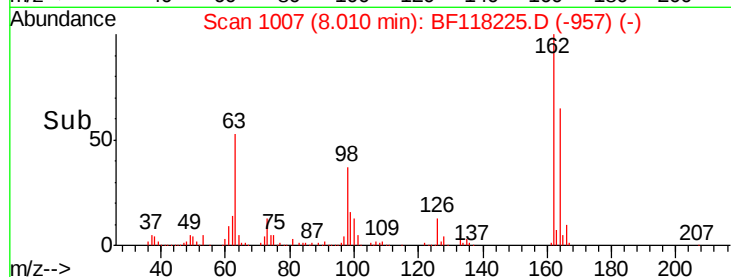
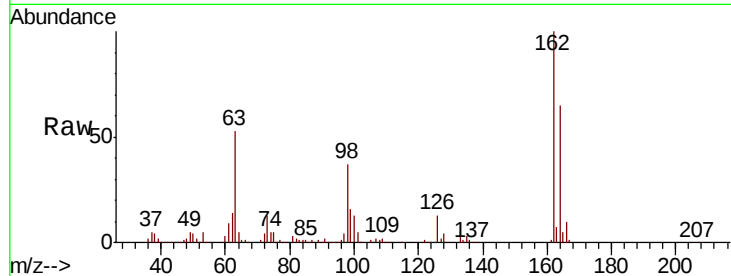
#29
 2,4-Dichlorophenol
 Concen: 38.798 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	349187
Ion Ratio	Lower	Upper	
162	100		
164	64.8	45.2	85.2
98	36.8	15.9	55.9

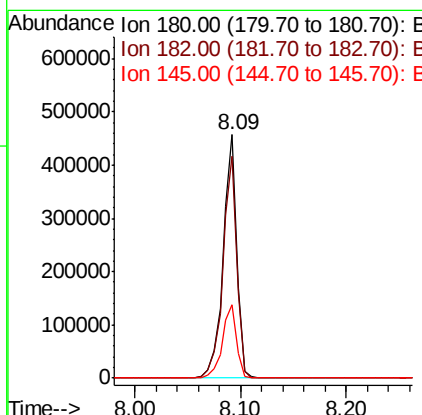
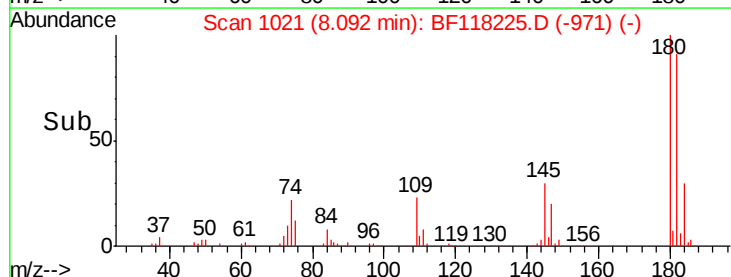
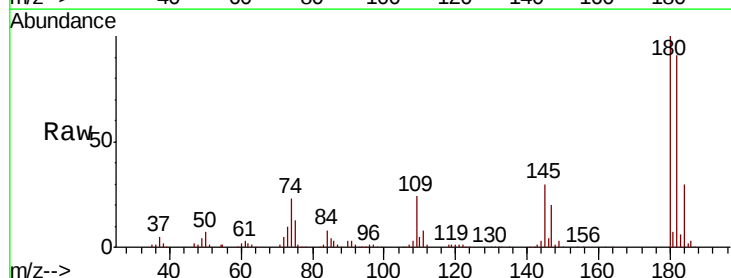
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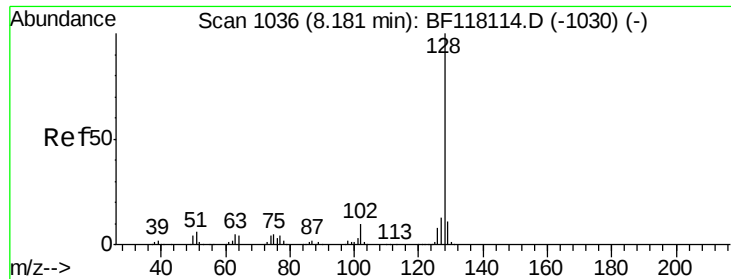
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.352 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:	180	Resp:	413907
Ion Ratio	Lower	Upper	
180	100		
182	91.2	76.1	114.1
145	30.0	26.1	39.1





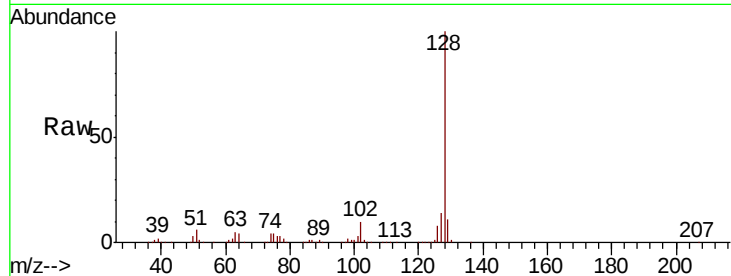
#31
Naphthalene
Concen: 39.148 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.9	10.6	16.0

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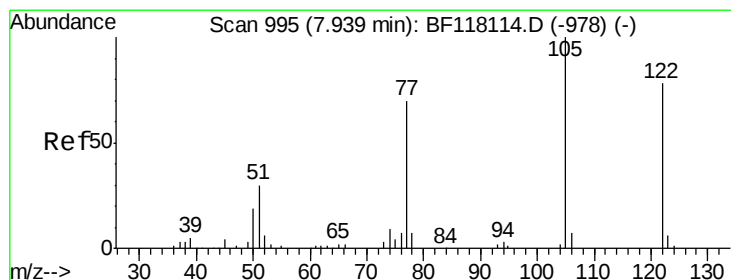
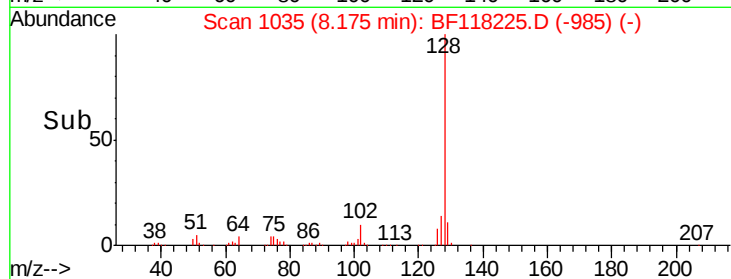
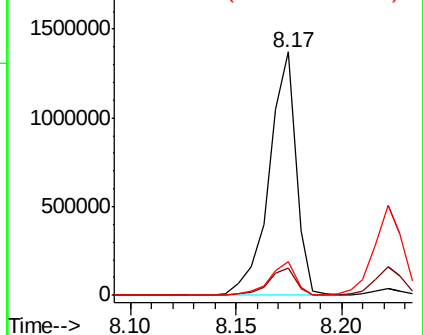


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.025 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

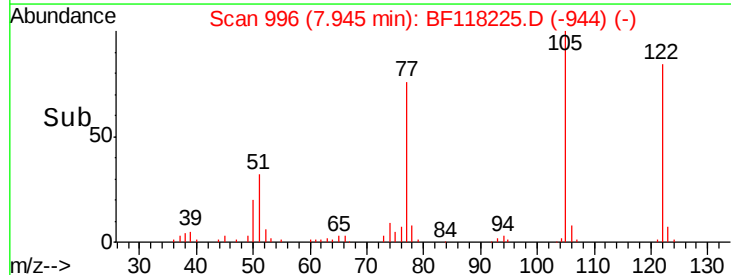
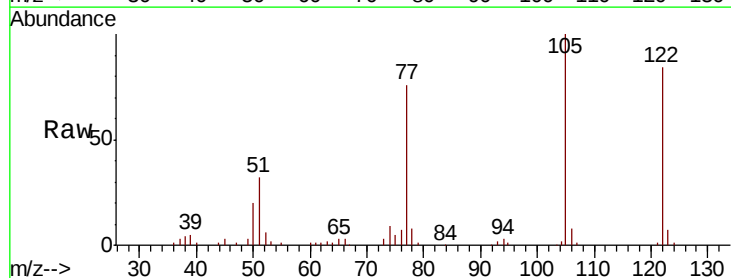
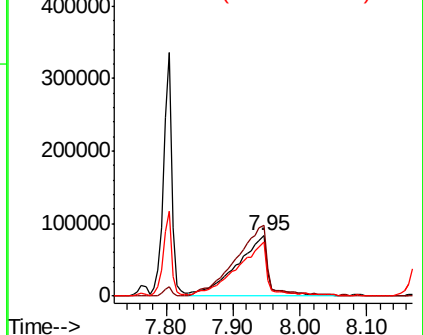
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	104.7	144.7
77	90.0	69.1	109.1

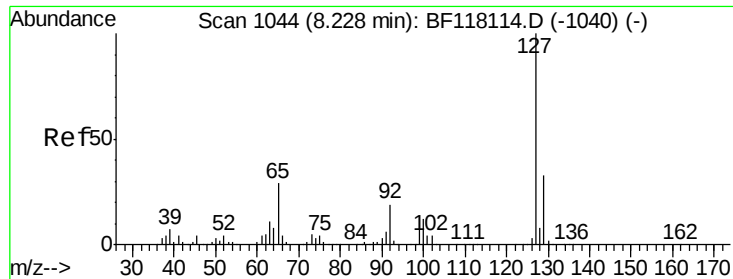
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





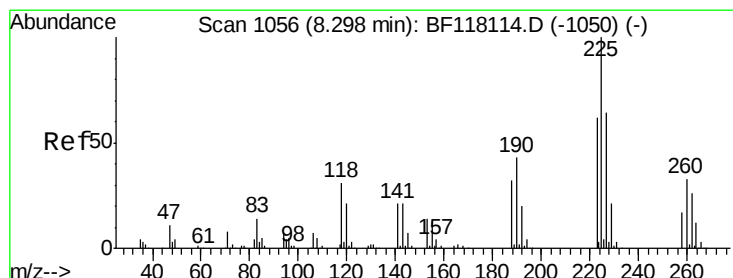
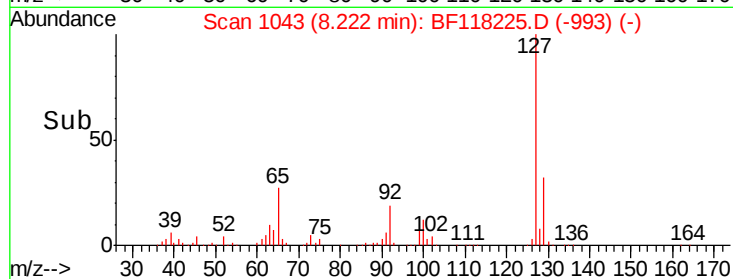
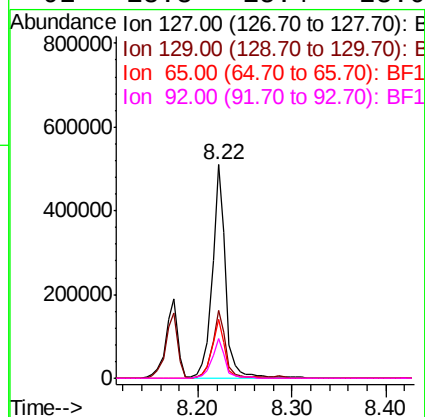
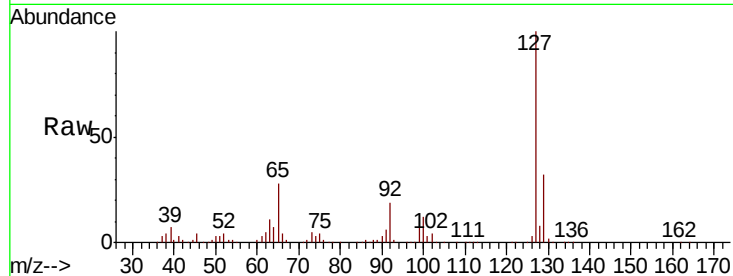
#33
4-Chloroaniline
Concen: 37.926 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	26.6	40.0		
65	27.8	23.2	34.8		
92	18.8	15.4	23.0		

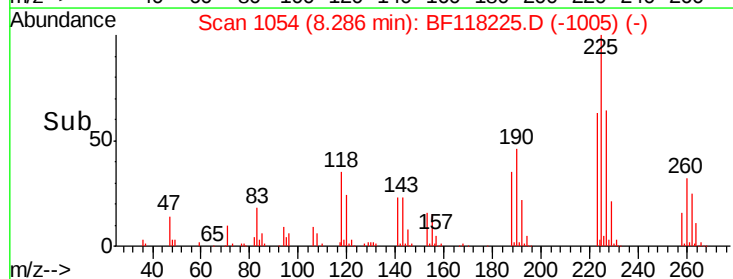
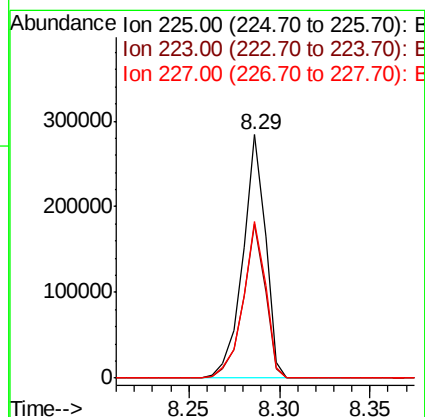
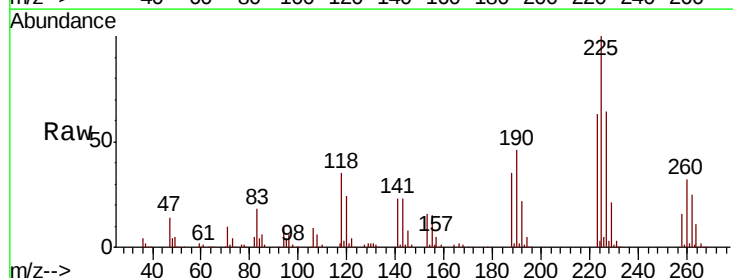
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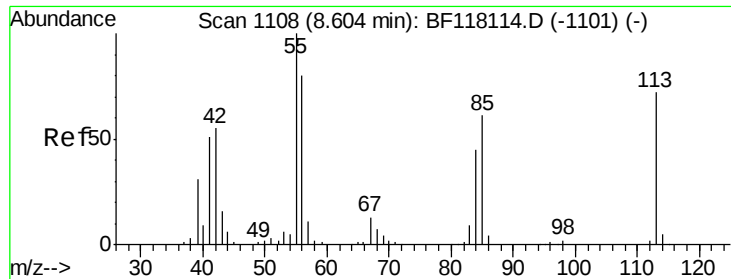
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#34
Hexachlorobutadiene
Concen: 39.113 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.6	74.4		
227	64.5	51.0	76.6		





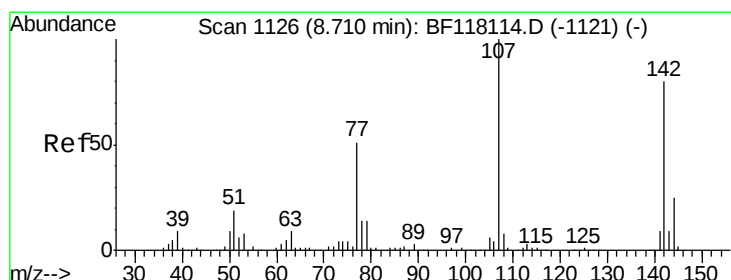
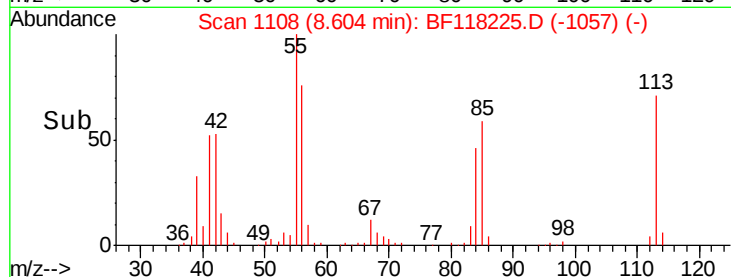
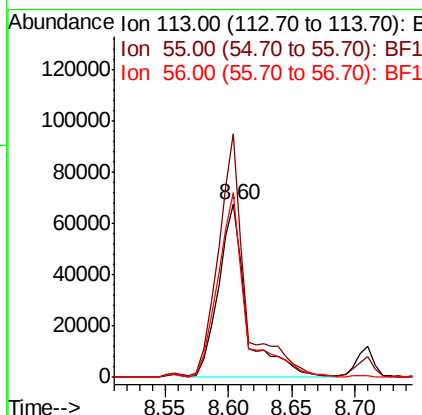
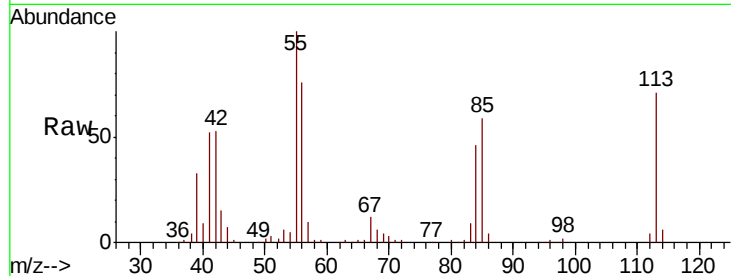
#35
Caprolactam
Concen: 37.200 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	140.9		118.9	158.9	
56	106.9		91.4	131.4	

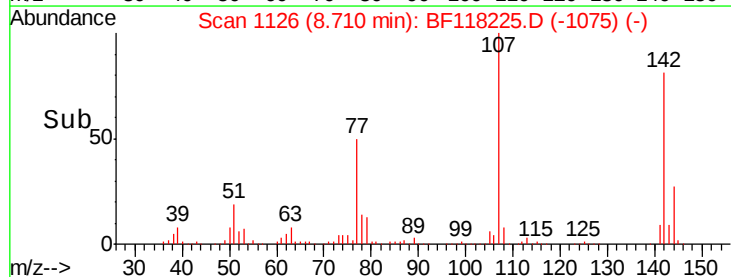
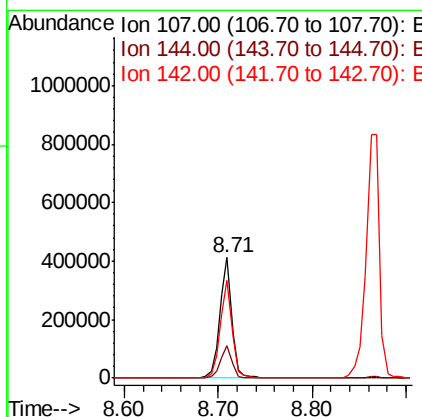
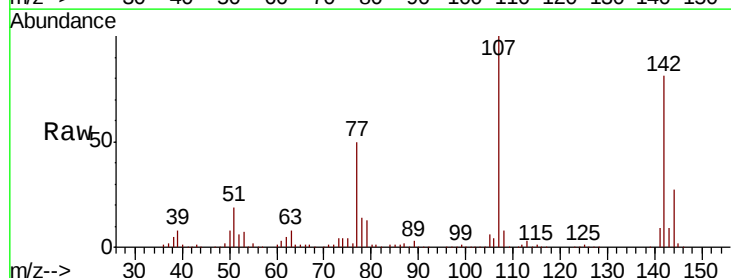
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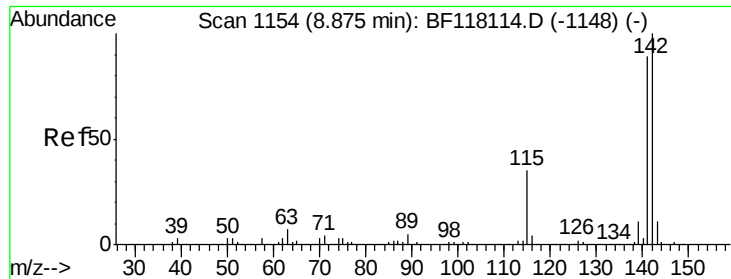
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#36
4-Chloro-3-methylphenol
Concen: 38.637 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.5		20.3	30.5	
142	81.0		63.7	95.5	





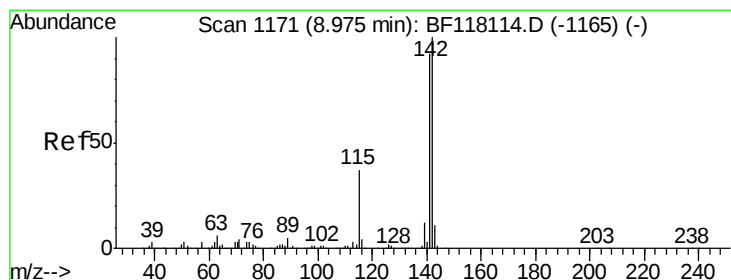
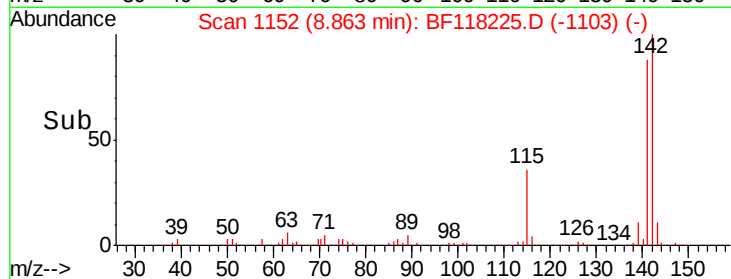
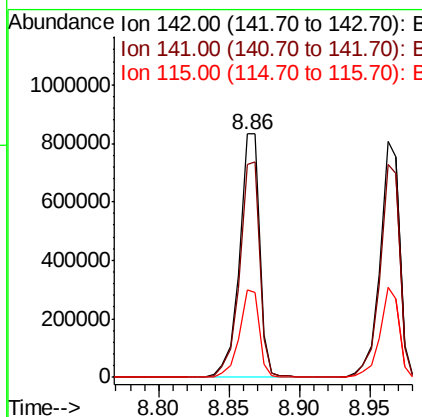
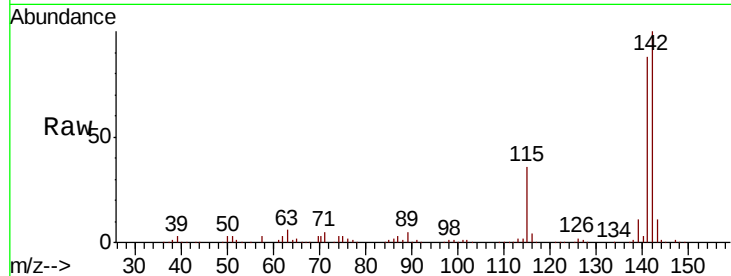
#37
2-Methylnaphthalene
Concen: 39.306 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.4	107.0
115	36.2	28.2	42.4

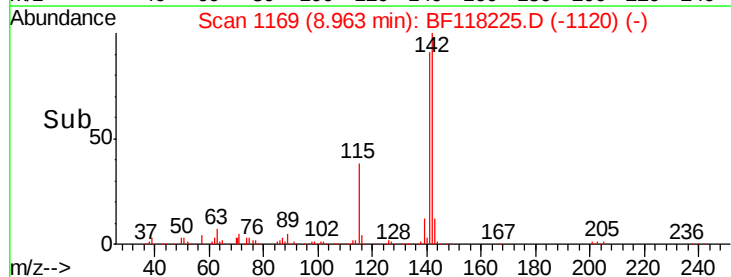
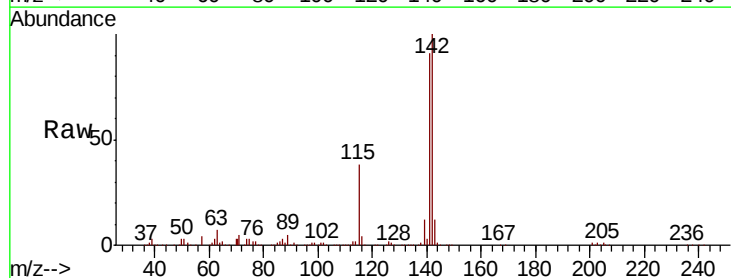
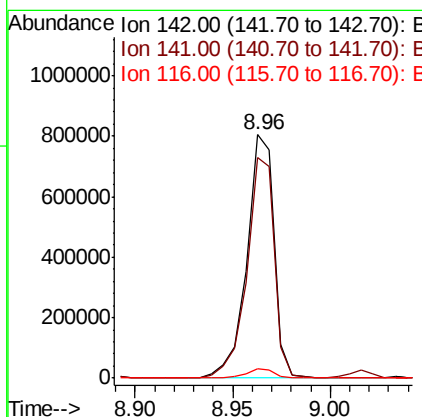
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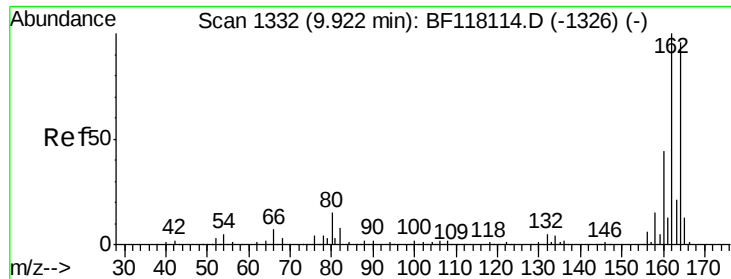
mohammad
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#38
1-Methylnaphthalene
Concen: 39.091 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.0	111.0
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 326143

Ion Ratio Lower Upper

164 100

162 101.7 83.4 125.0

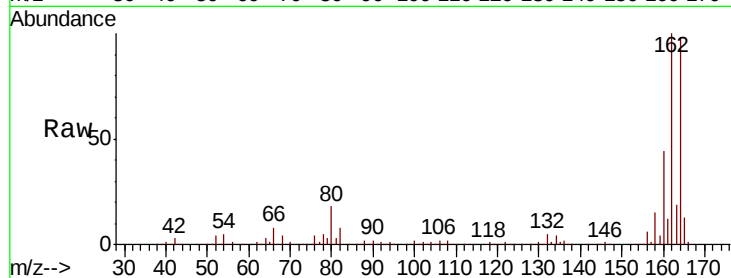
160 44.8 36.6 54.8

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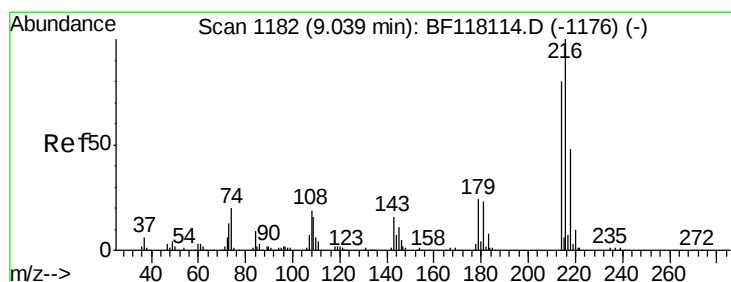
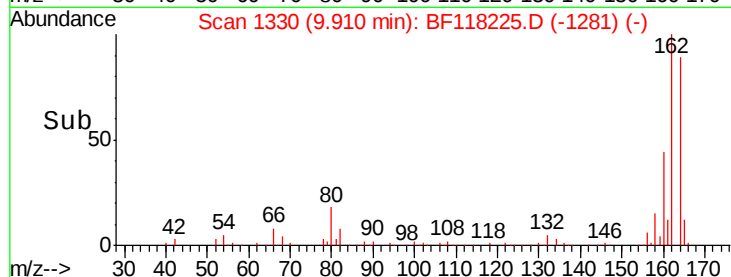
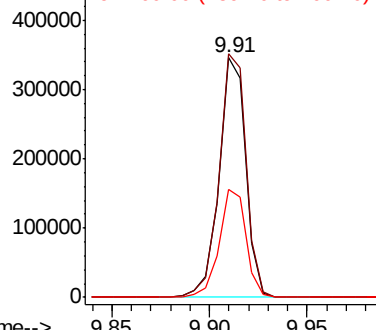


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.748 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:216 Resp: 382830

Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 23.6 18.6 27.8

108 19.5 15.4 23.0

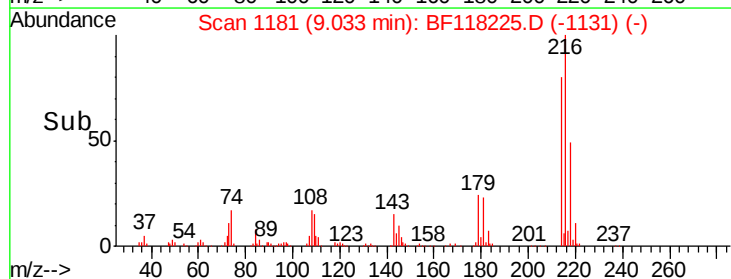
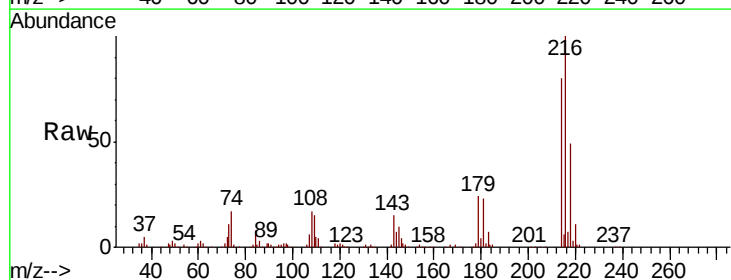
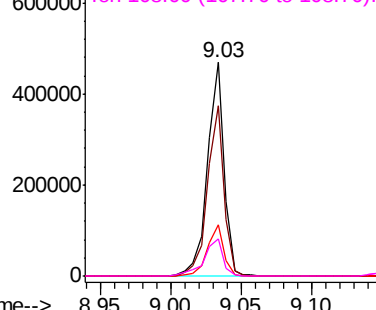
Abundance

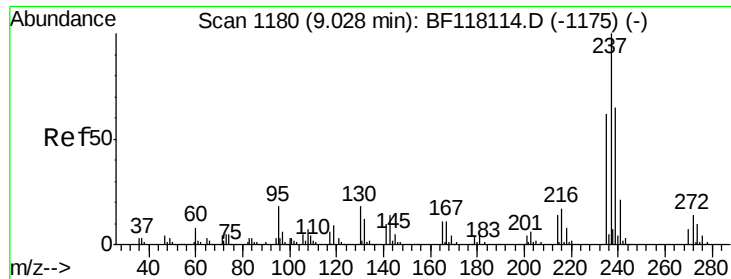
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





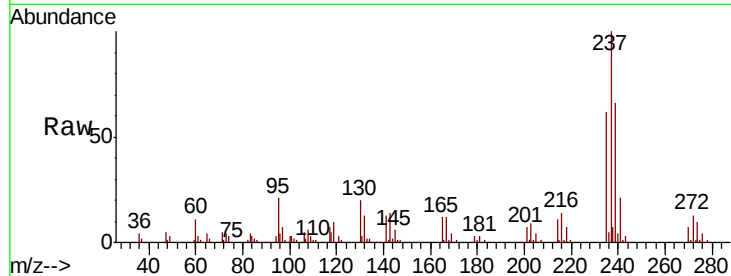
#41
Hexachlorocyclopentadiene
Concen: 40.204 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

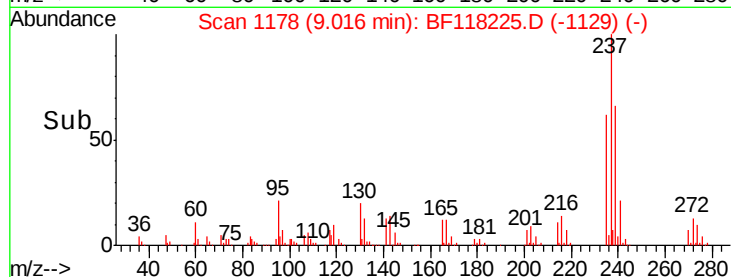
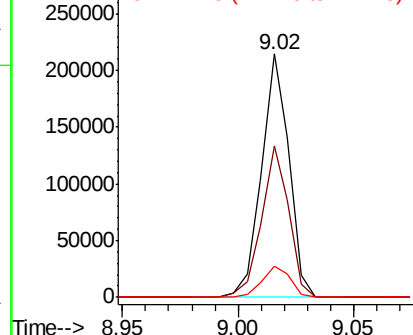
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	41.5	81.5
272	12.8	0.0	33.7

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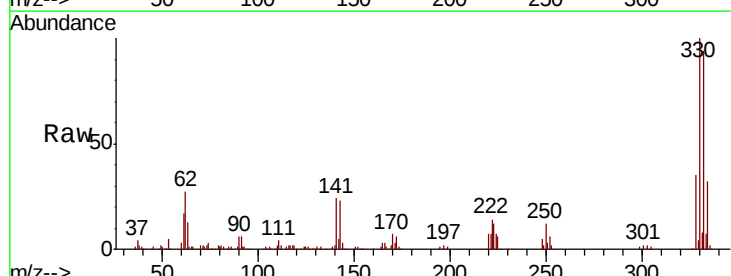
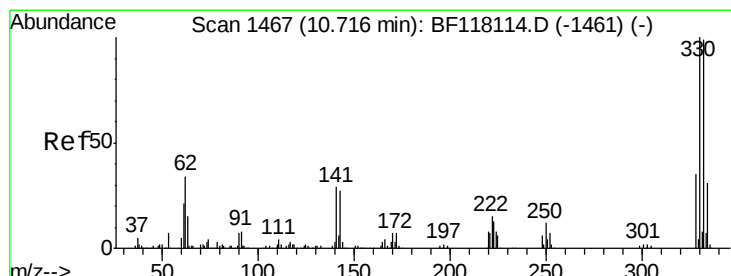
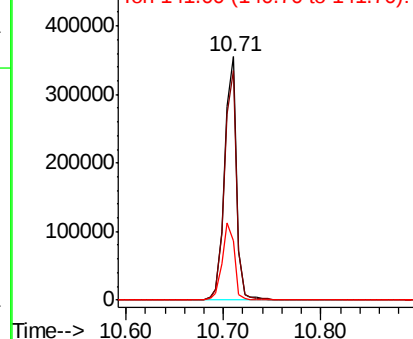
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

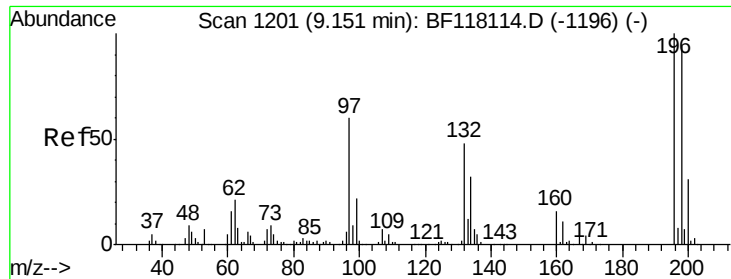


#42
2,4,6-Tribromophenol
Concen: 76.795 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	78.1	117.1
141	32.5	26.9	40.3

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





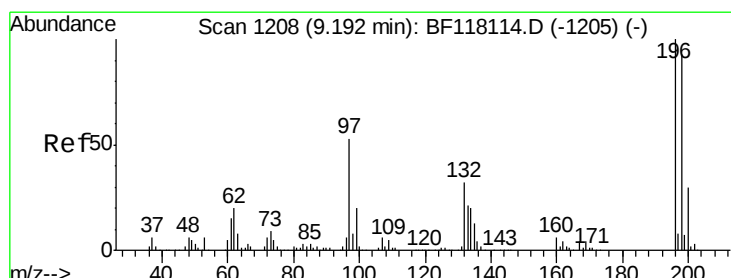
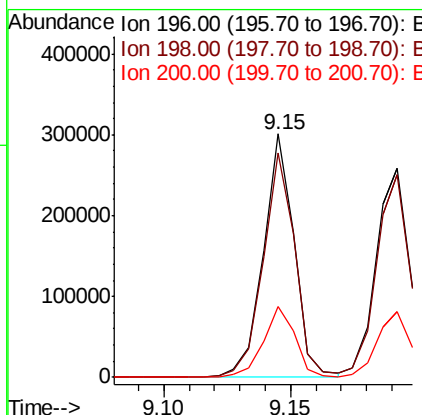
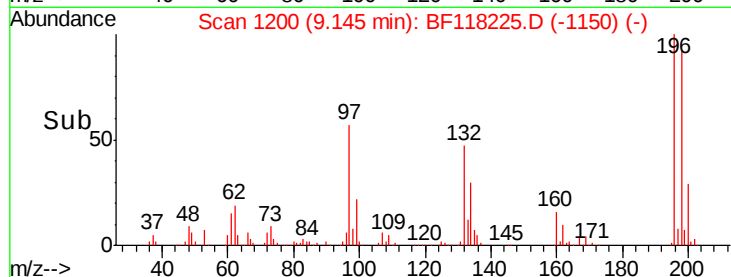
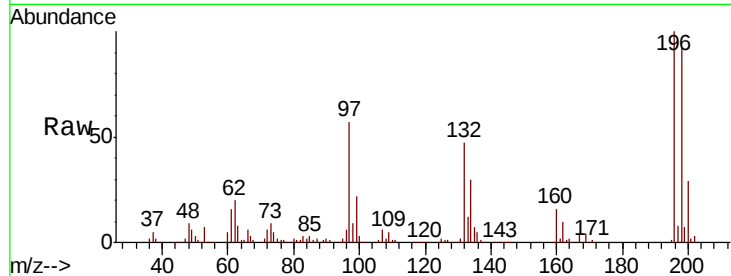
#43
 2,4,6-Trichlorophenol
 Concen: 38.907 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	256659
Ion Ratio	Lower	Upper	
196	100		
198	92.4	75.0	112.4
200	29.1	24.5	36.7

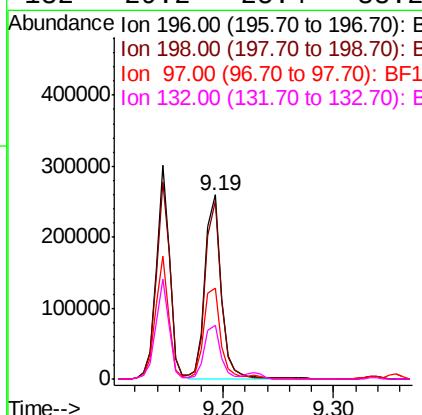
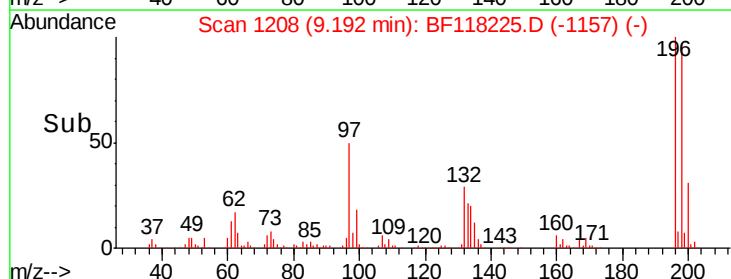
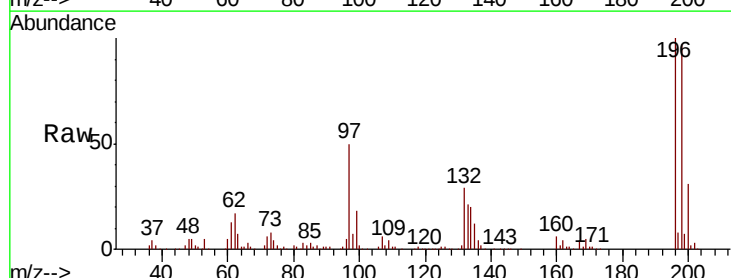
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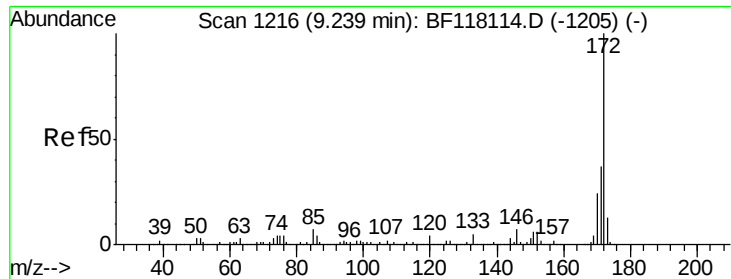
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#44
 2,4,5-Trichlorophenol
 Concen: 37.596 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:	196	Resp:	256951
Ion Ratio	Lower	Upper	
196	100		
198	97.0	74.2	111.4
97	49.6	42.5	63.7
132	29.2	25.4	38.2





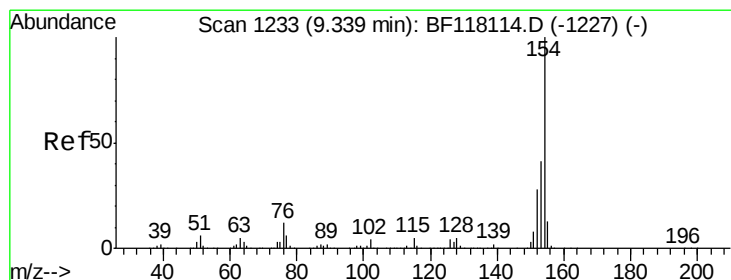
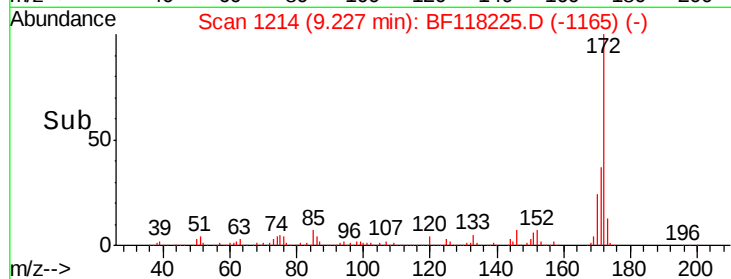
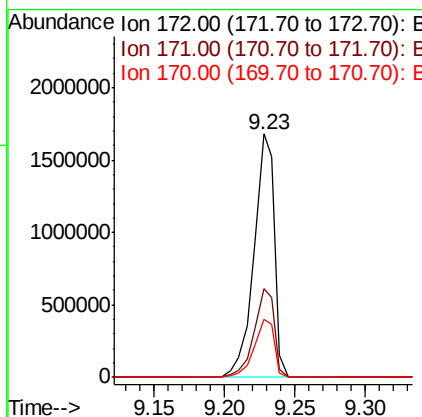
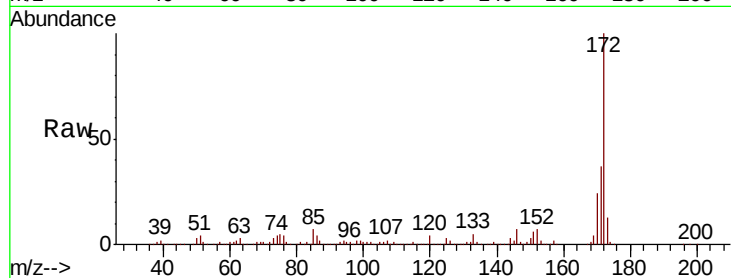
#45
2-Fluorobiphenyl
Concen: 80.040 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.9	19.4	29.2

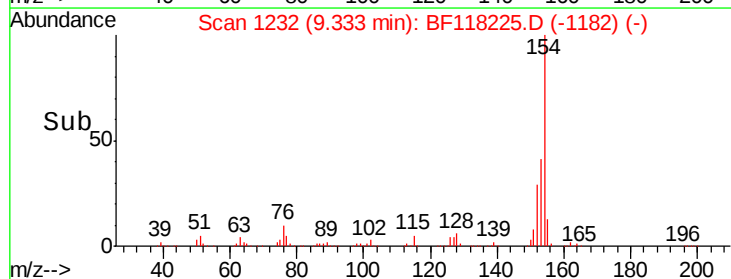
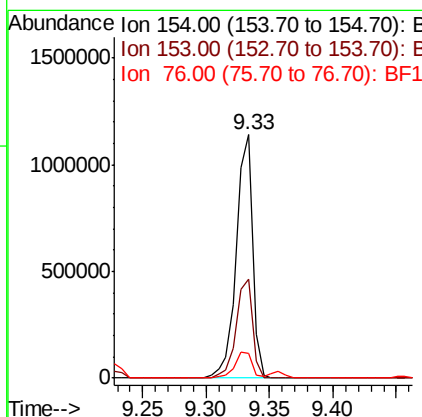
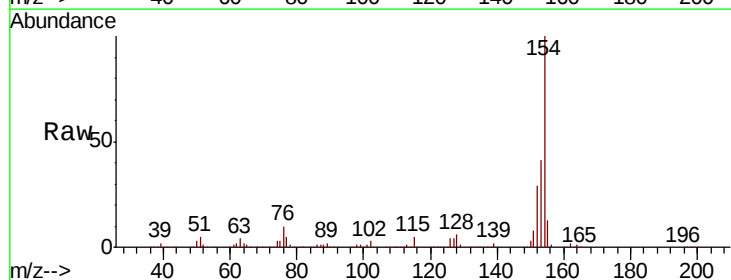
Manual Integrations
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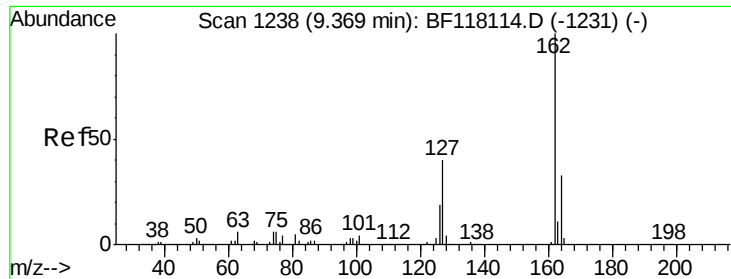
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#46
1,1'-Biphenyl
Concen: 39.173 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	10.2	0.0	31.9





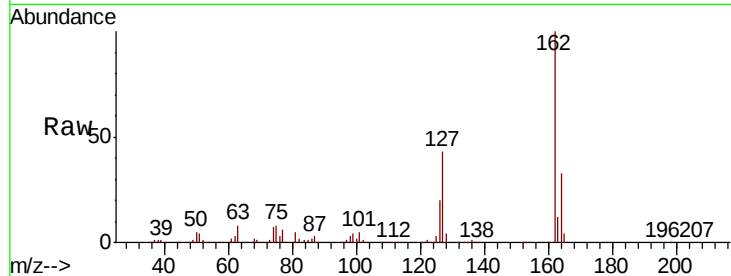
#47
2-Chloronaphthalene
Concen: 39.035 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	32.0	48.0
164	33.1	26.1	39.1

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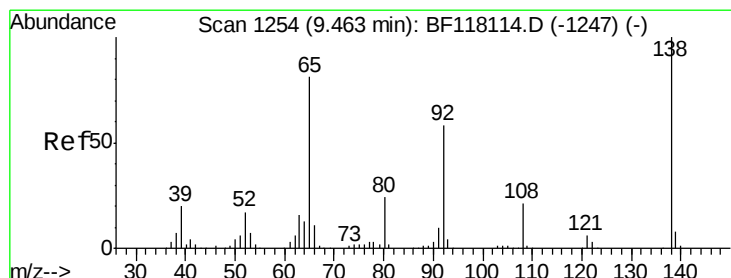
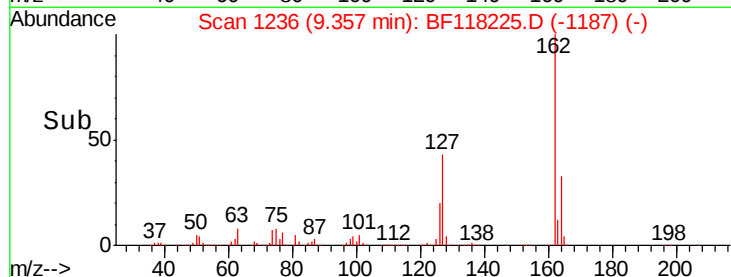
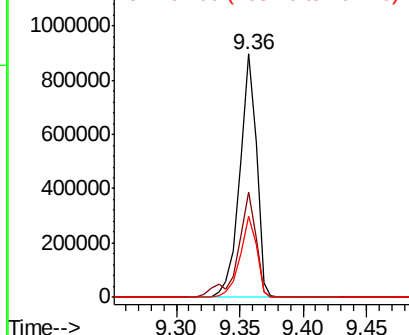


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.106 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

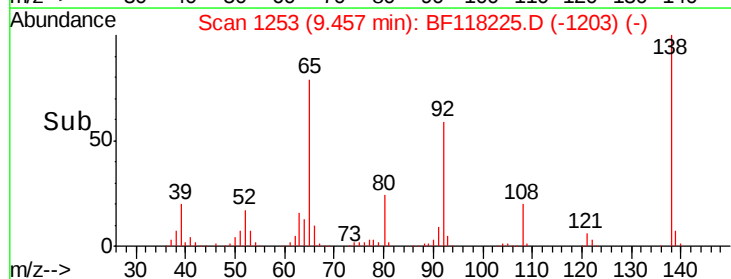
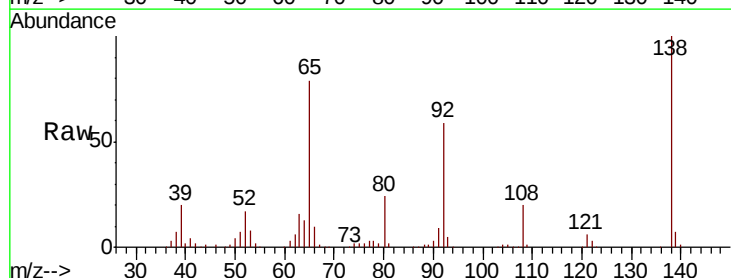
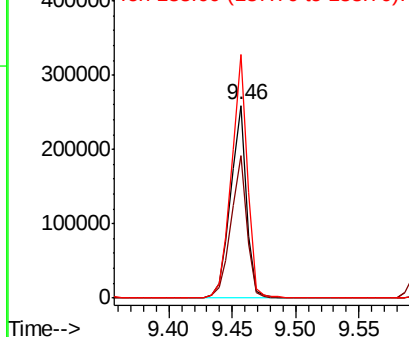
Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.8	86.6
138	126.1	98.8	148.2

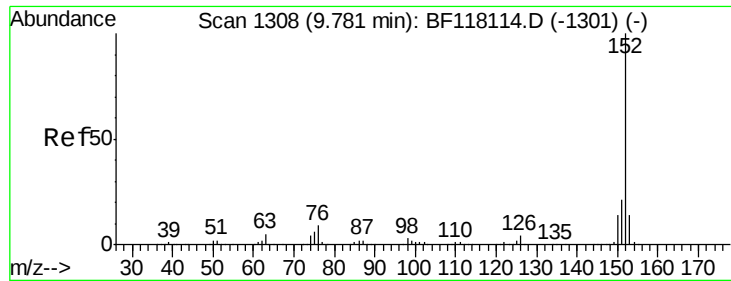
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.666 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1180014

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

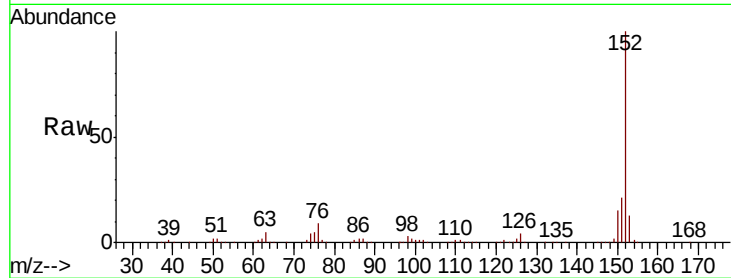
153 13.4 10.8 16.2

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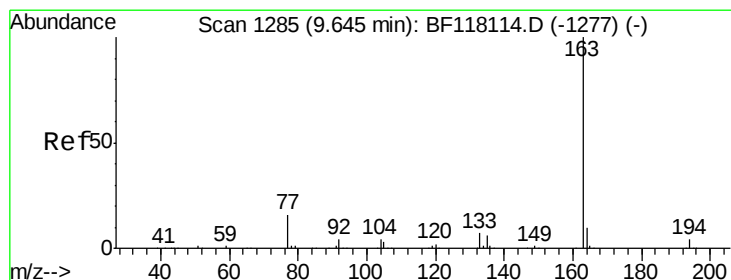
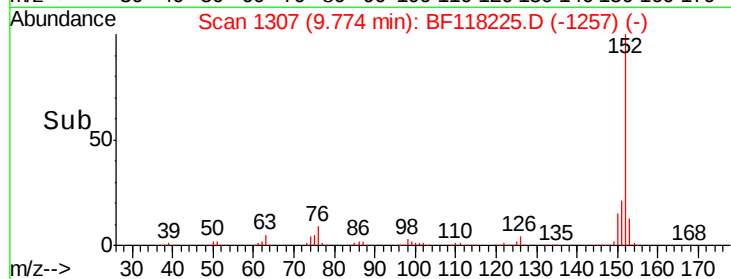
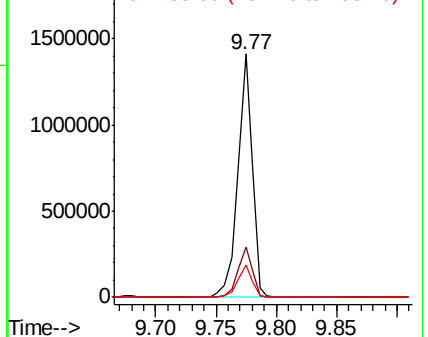
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.817 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

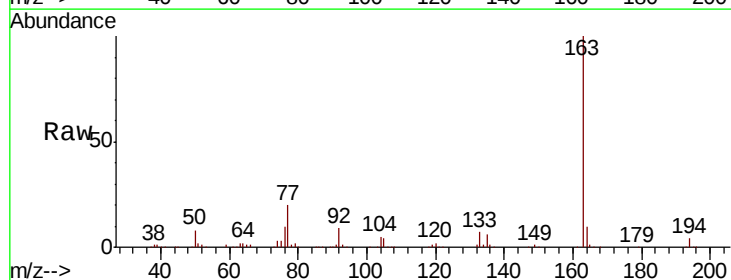
Tgt Ion:163 Resp: 935124

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

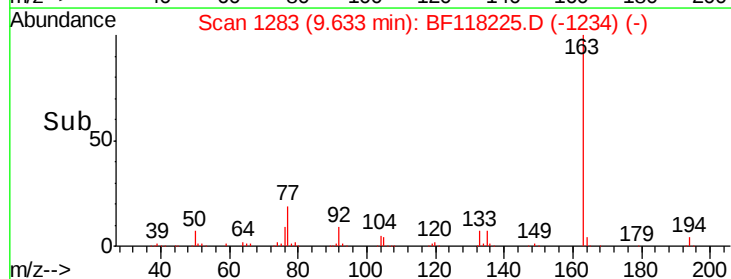
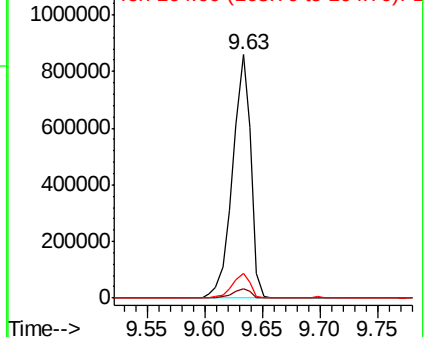
164 10.4 7.7 11.5

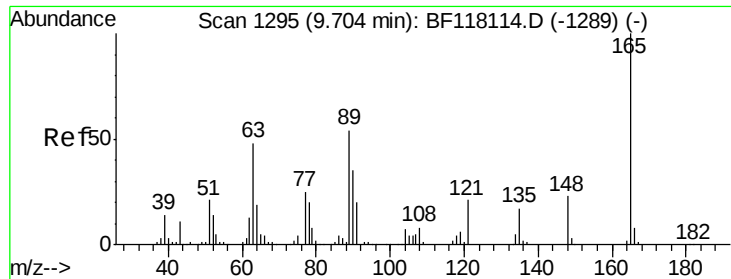


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





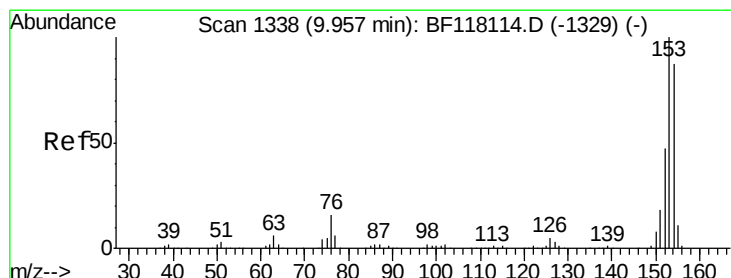
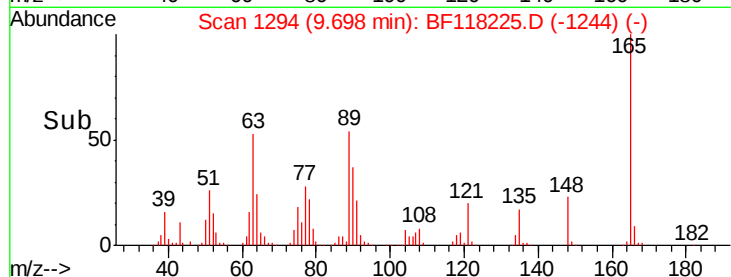
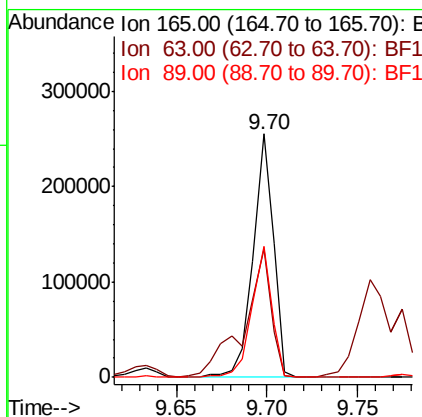
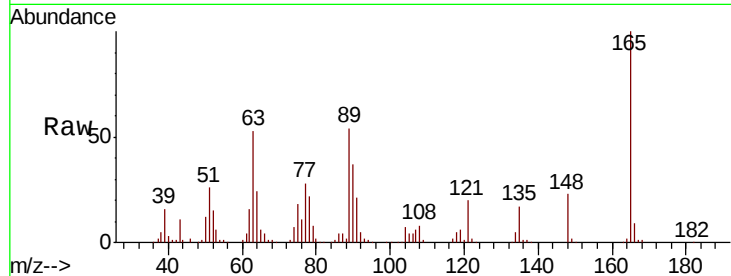
#51
2,6-Dinitrotoluene
Concen: 38.240 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	52.9	41.4	62.0
89	54.0	42.9	64.3

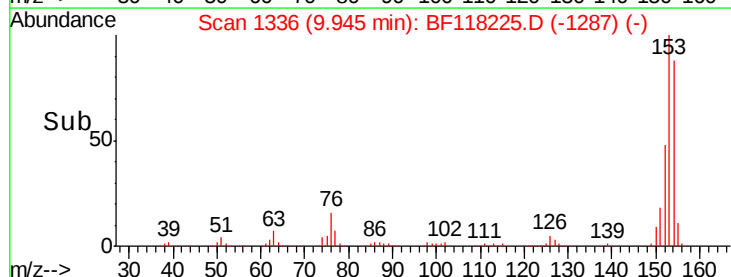
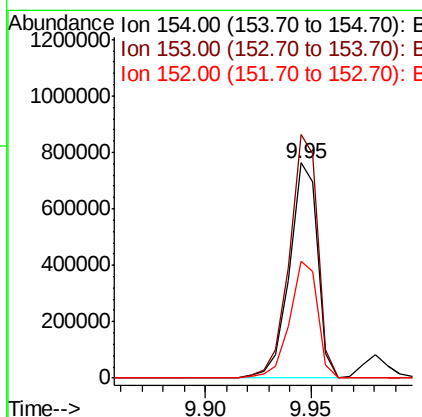
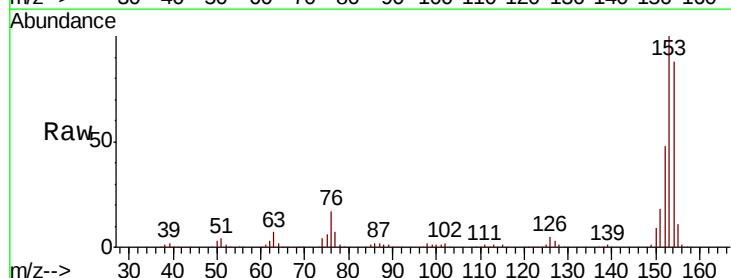
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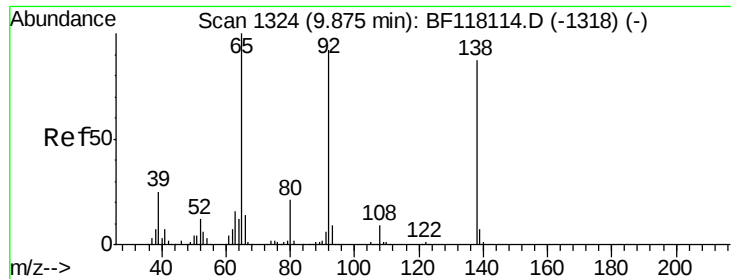
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#52
Acenaphthene
Concen: 38.389 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.2	91.8	137.6
152	54.3	43.3	64.9





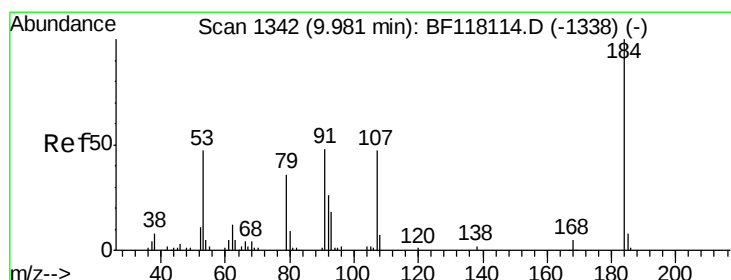
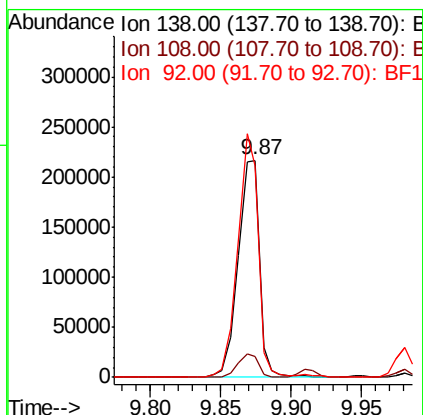
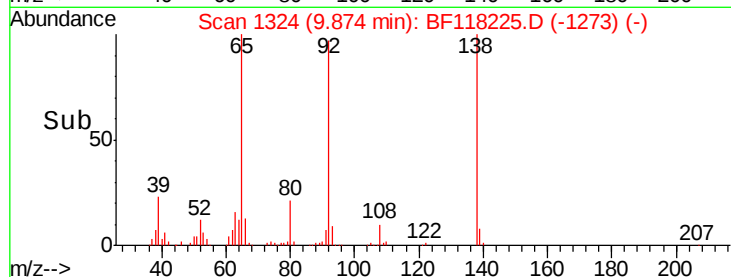
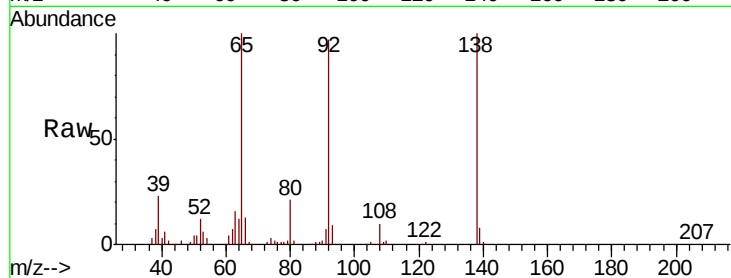
#53
3-Nitroaniline
Concen: 37.135 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.4
92	97.5	84.9	127.3

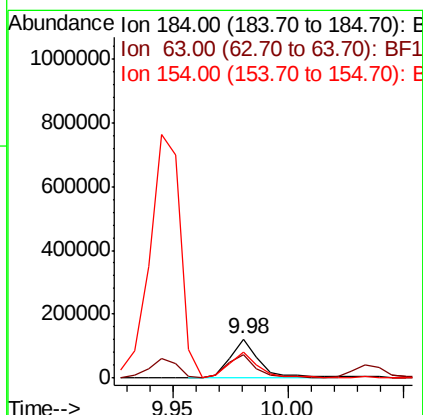
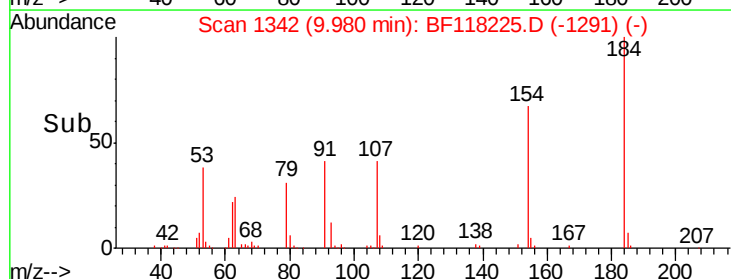
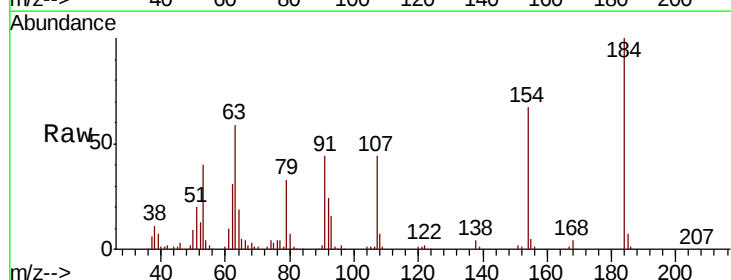
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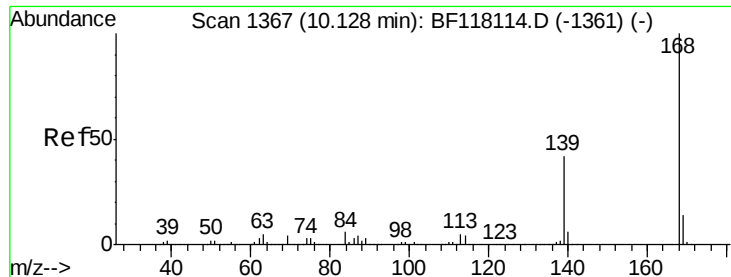
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#54
2,4-Dinitrophenol
Concen: 41.244 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	53.9	80.9
154	66.9	56.3	84.5





#55

Dibenzofuran

Concen: 38.987 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 1064116

Ion Ratio Lower Upper

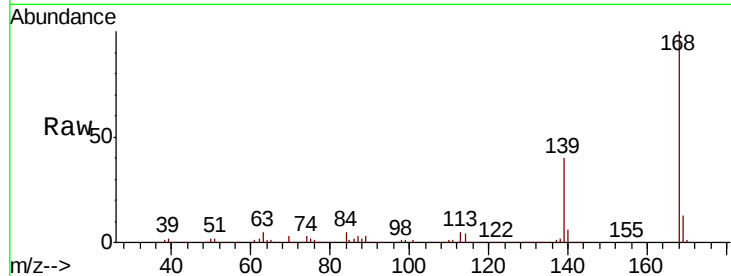
168 100

139 40.4 33.4 50.0

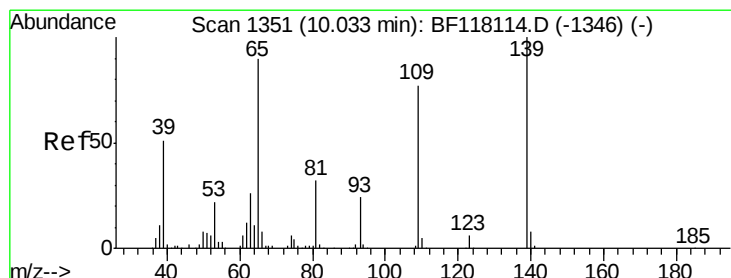
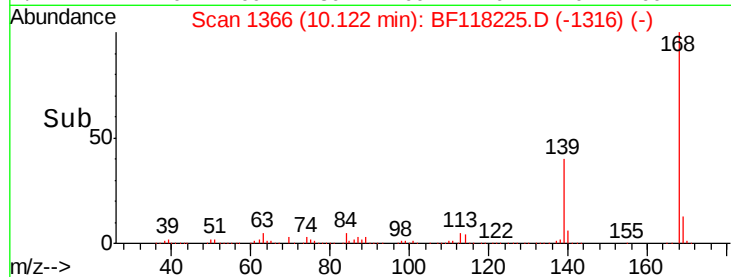
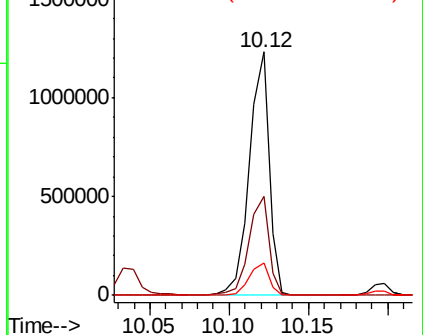
169 13.2 11.0 16.6

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 34.334 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

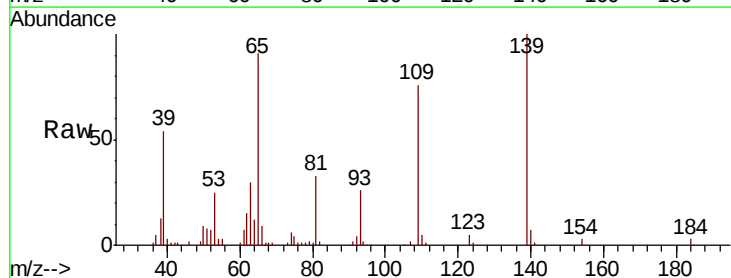
Tgt Ion:139 Resp: 146890

Ion Ratio Lower Upper

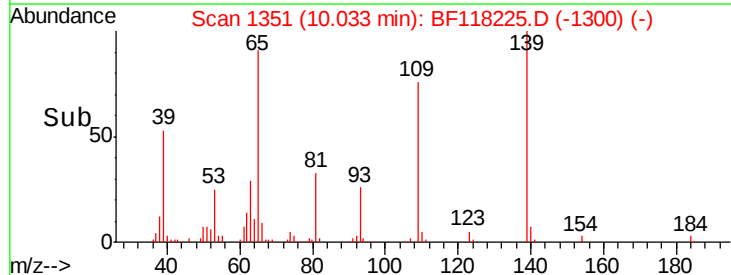
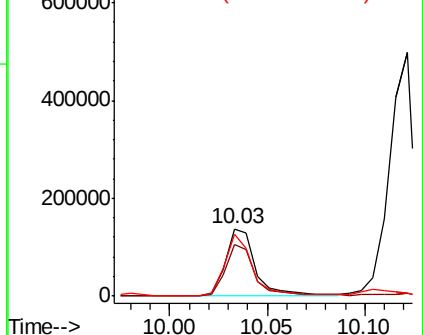
139 100

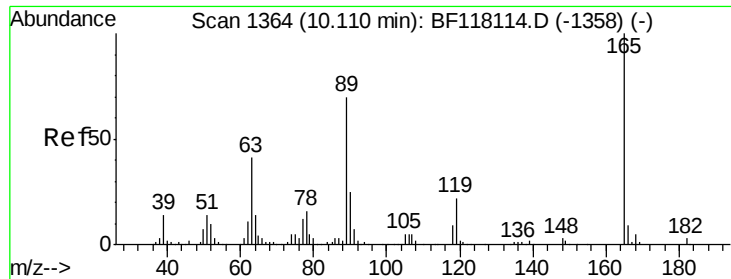
109 76.4 57.3 97.3

65 91.5 70.2 110.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





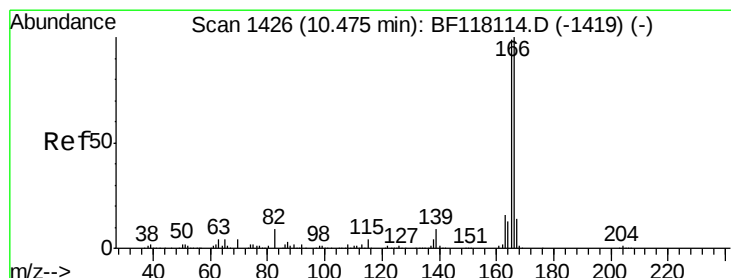
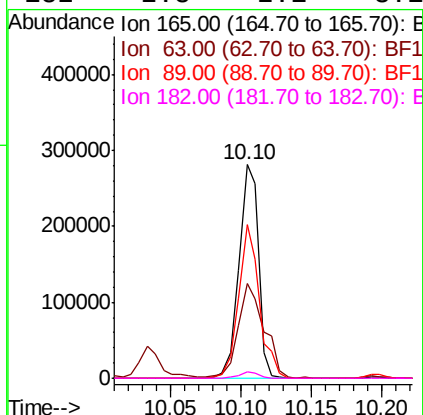
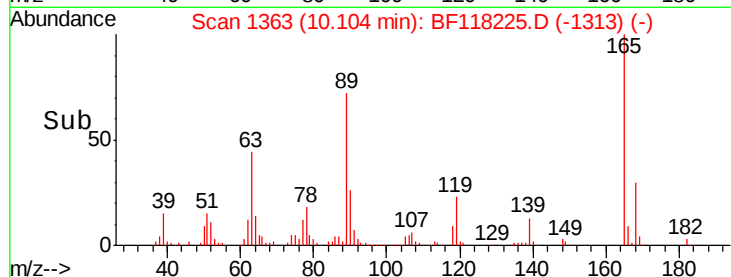
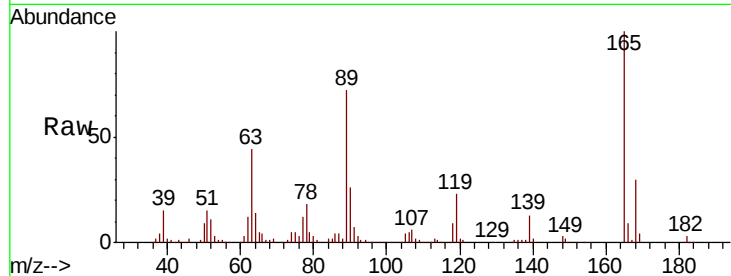
#57
2,4-Dinitrotoluene
Concen: 38.521 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	269328		
63	44.2	32.6	49.0	
89	72.0	56.1	84.1	
182	2.8	2.1	3.1	

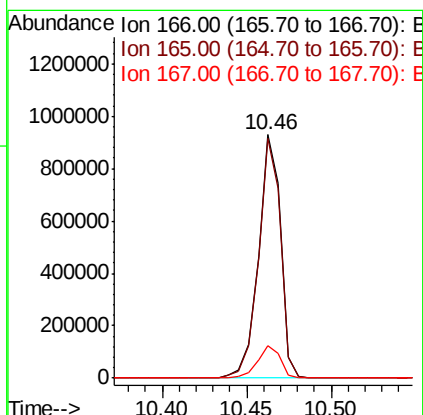
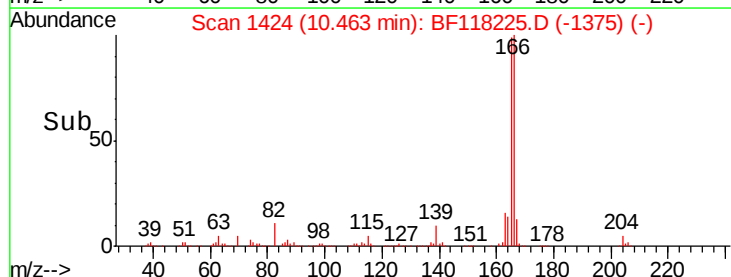
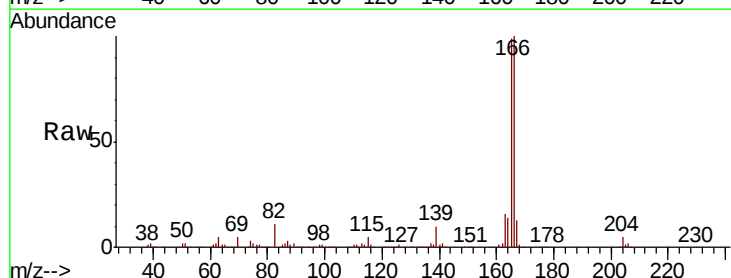
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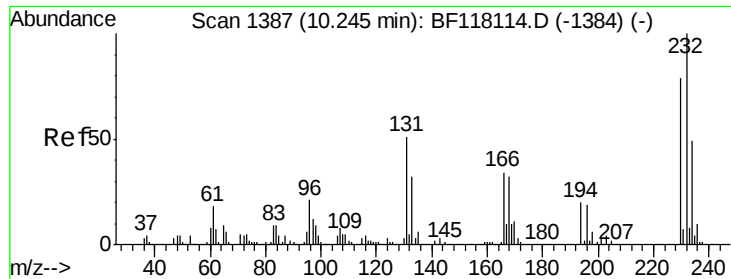
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#58
Fluorene
Concen: 39.163 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	849472		
165	98.6	79.0	118.4	
167	13.5	10.9	16.3	





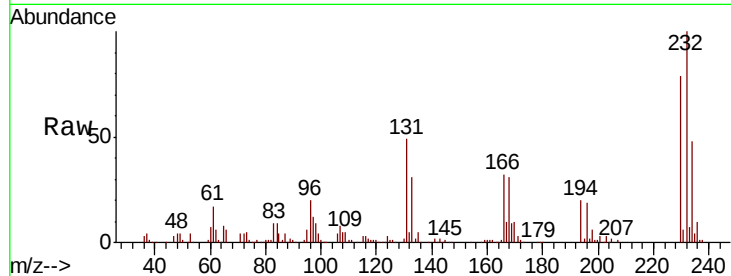
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.687 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

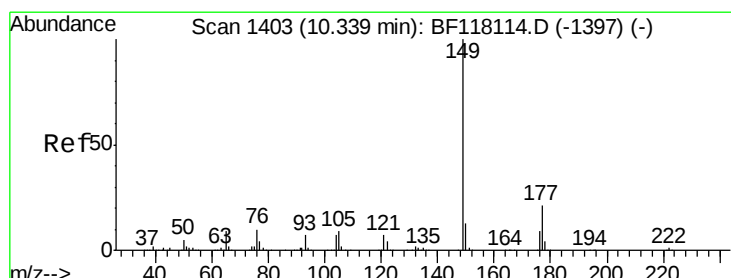
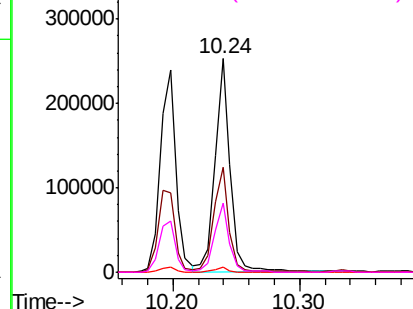
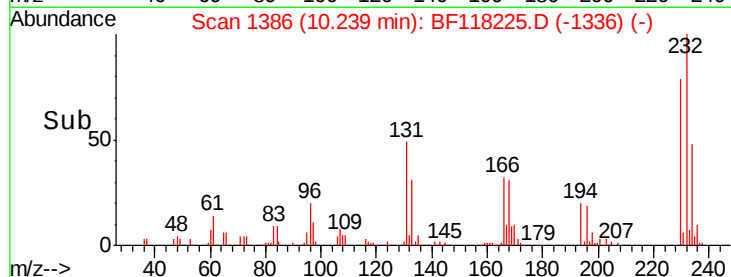
Tot Ion:	232	Resp:	212501
Ion Ratio	Lower	Upper	
232	100		
131	49.3	38.8	58.2
130	2.3	1.9	2.9
166	31.6	25.4	38.0

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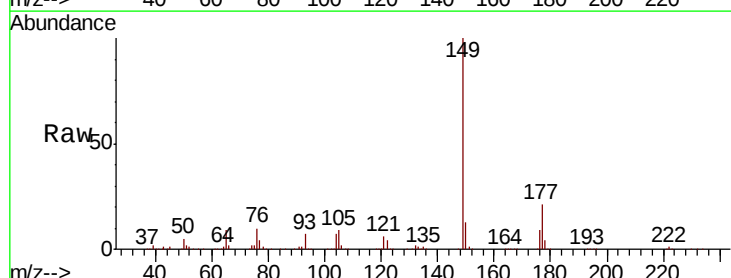


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

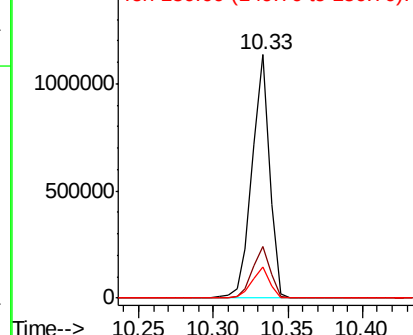
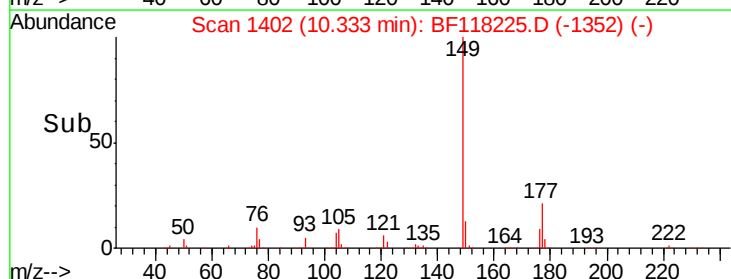


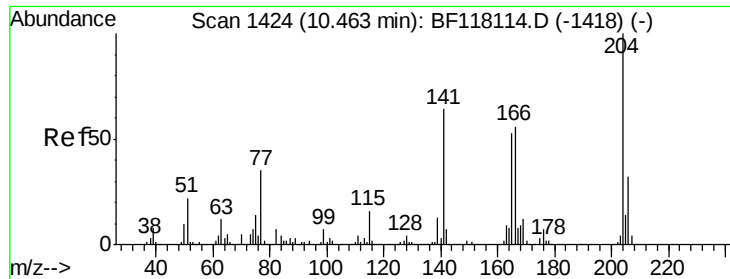
#60
Diethylphthalate
Concen: 38.813 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion:	149	Resp:	921238
Ion Ratio	Lower	Upper	
149	100		
177	21.5	17.0	25.4
150	12.8	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





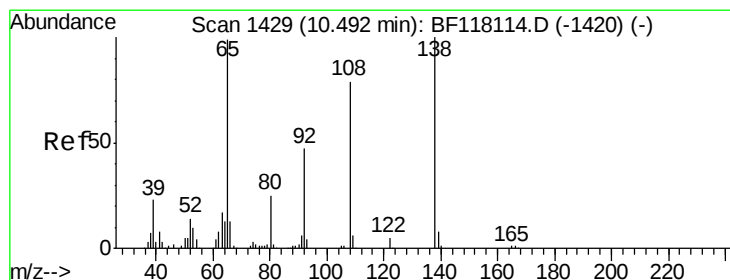
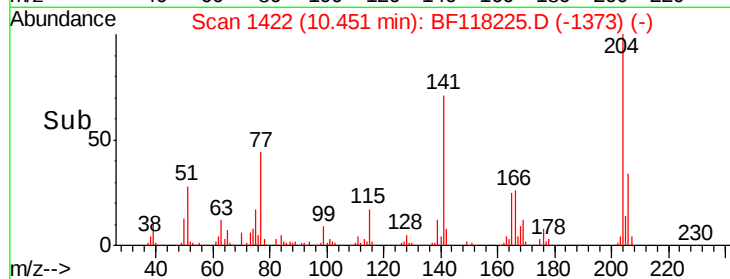
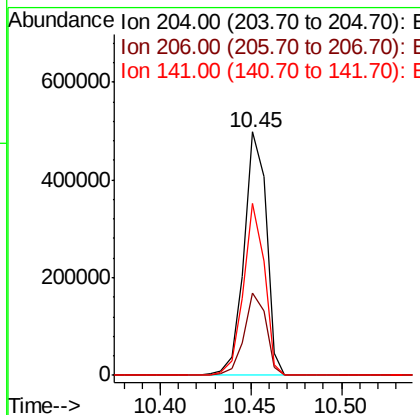
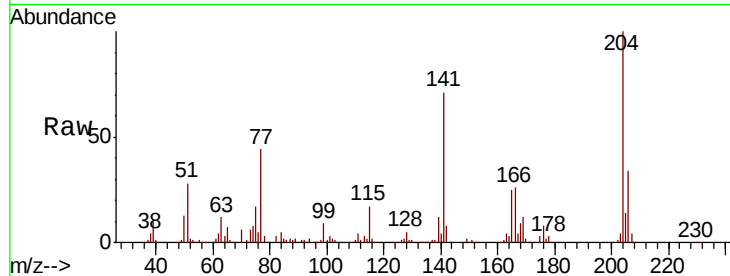
#61
4-Chlorophenyl-phenylether
Concen: 38.954 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.0	39.0
141	70.7	51.0	76.6

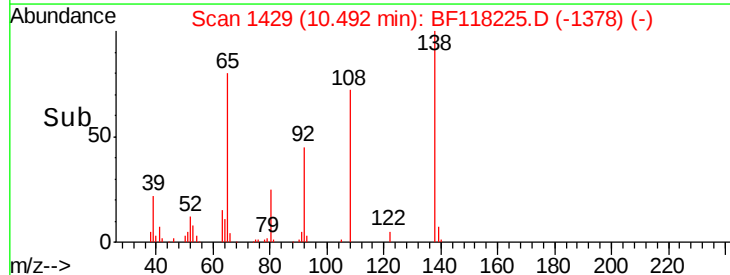
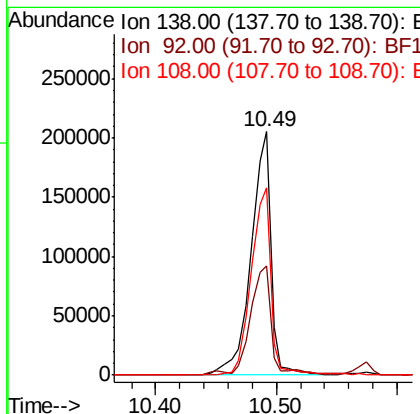
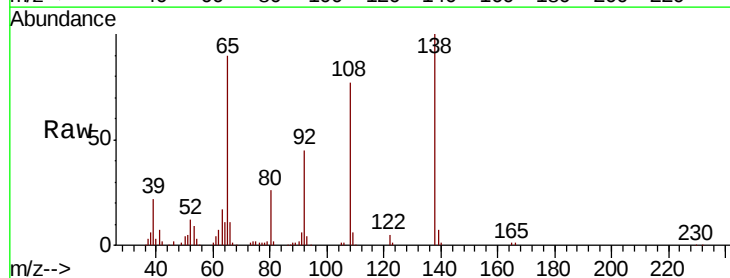
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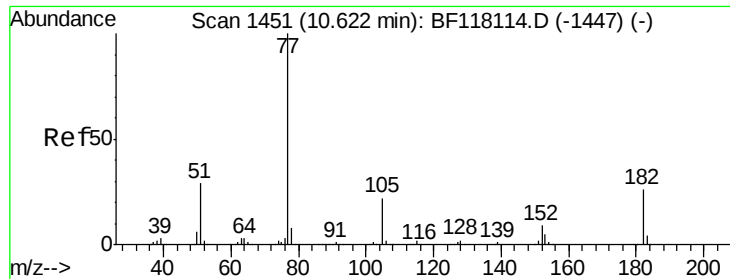
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#62
4-Nitroaniline
Concen: 37.315 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.8	27.1	67.1
108	76.9	59.0	99.0





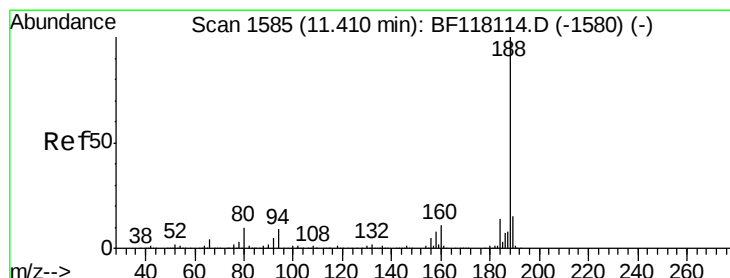
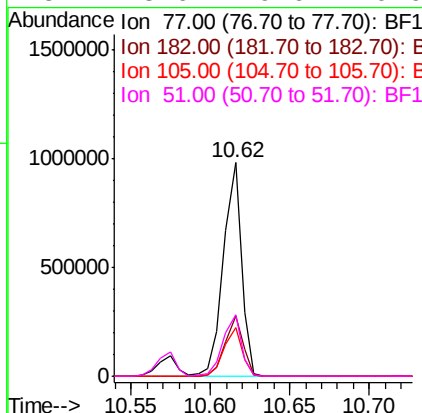
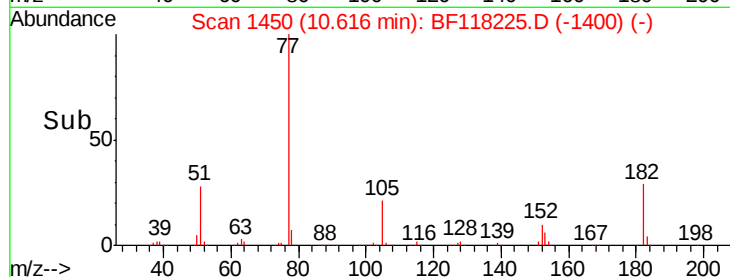
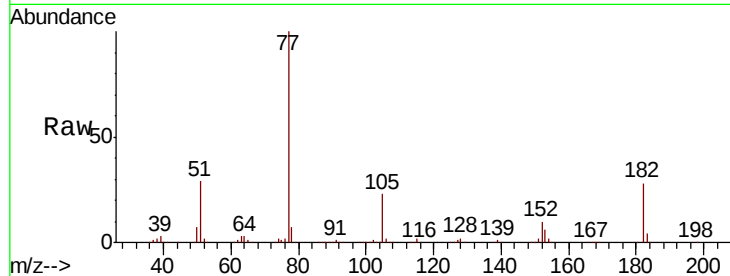
#63
Azobenzene
Concen: 38.667 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.3	5.7	45.7
105	22.9	2.2	42.2
51	28.6	9.6	49.6

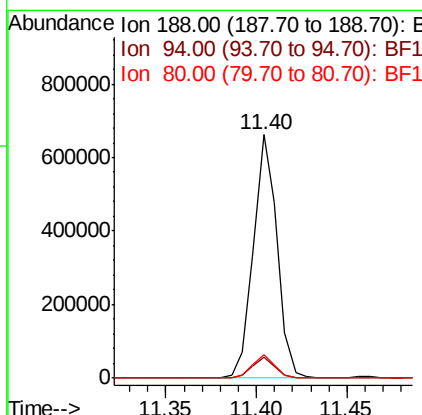
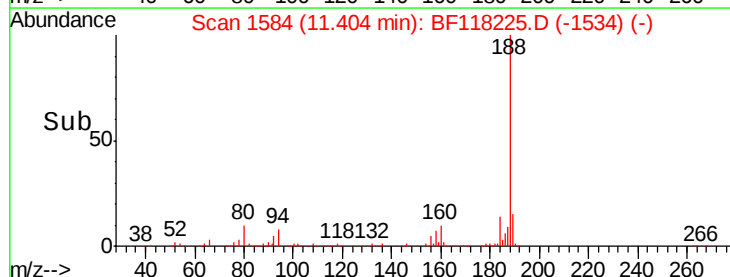
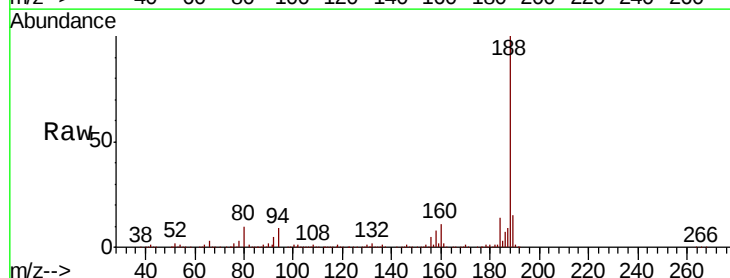
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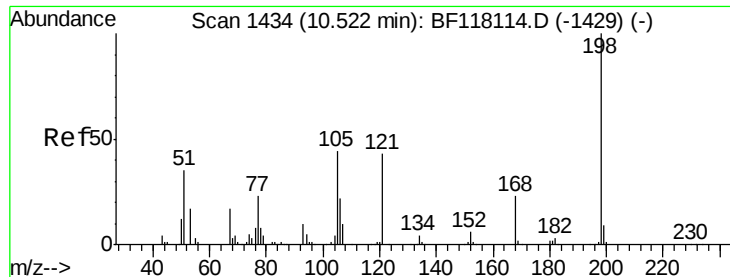
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.1	10.7
80	9.6	7.9	11.9





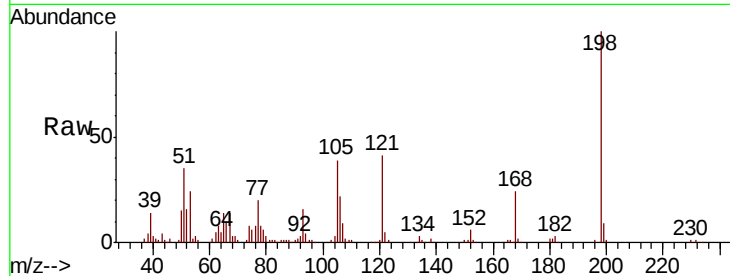
#65
4,6-Dinitro-2-methylphenol
Concen: 36.940 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

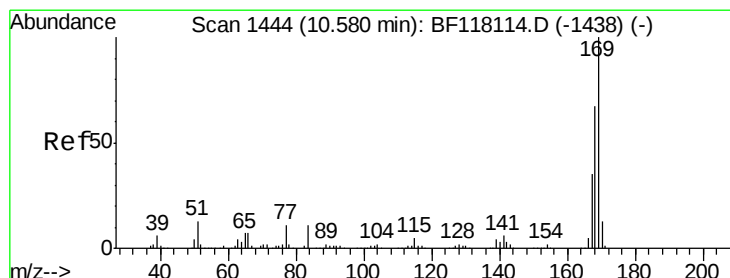
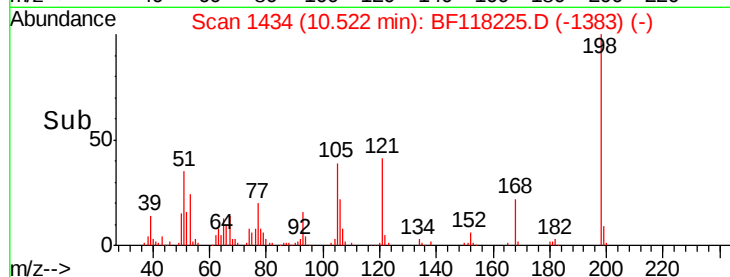
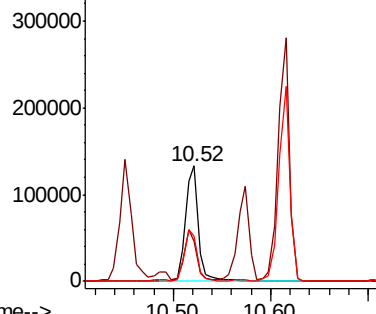
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.7	22.0	62.0
105	39.1	25.6	65.6

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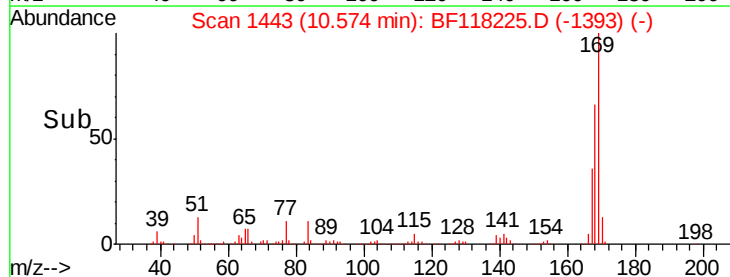
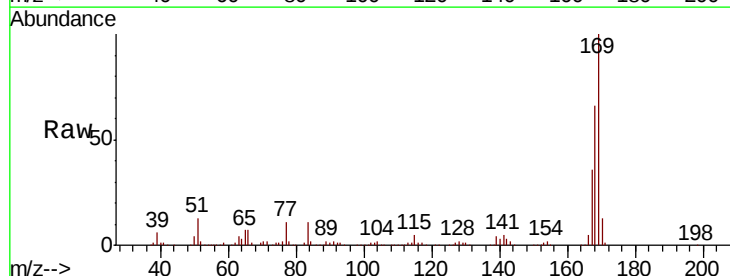
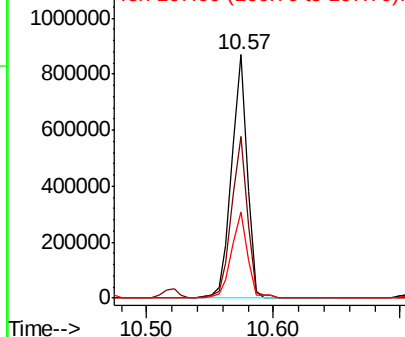
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

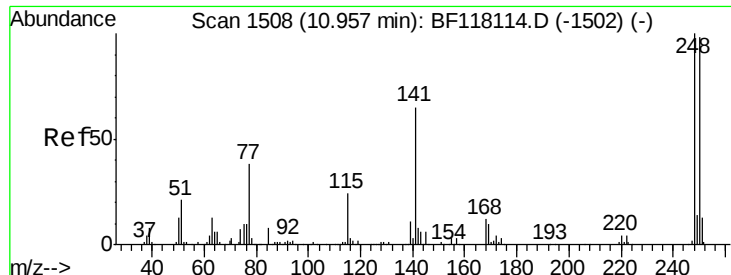


#66
n-Nitrosodiphenylamine
Concen: 39.239 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.2
167	35.5	28.4	42.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





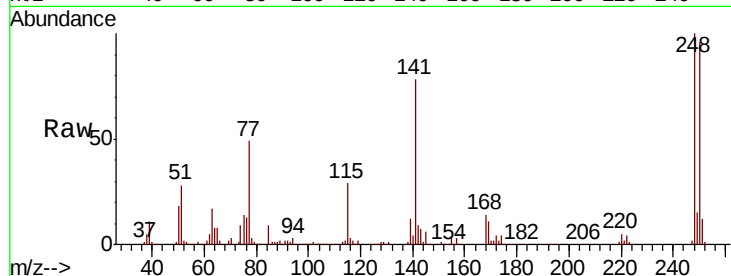
#67
 4-Bromophenyl-phenylether
 Concen: 39.457 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

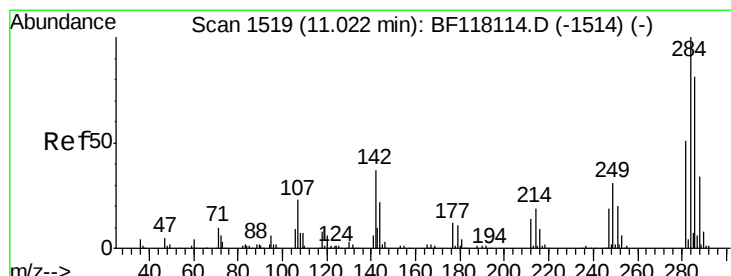
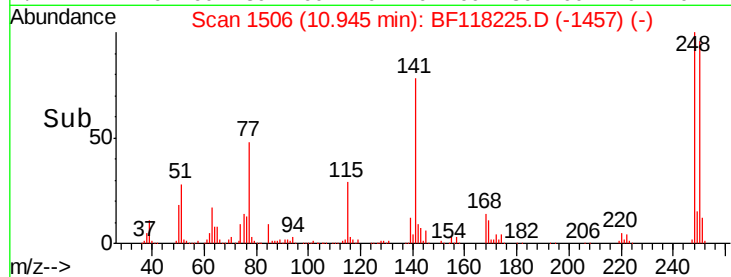
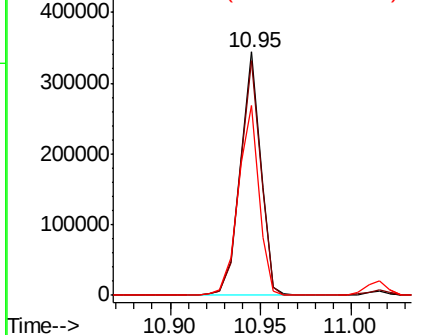
Tot Ion:	248	Resp:	269714
Ion Ratio	Lower	Upper	
248	100		
250	96.4	78.3	117.5
141	78.1	52.2	78.4

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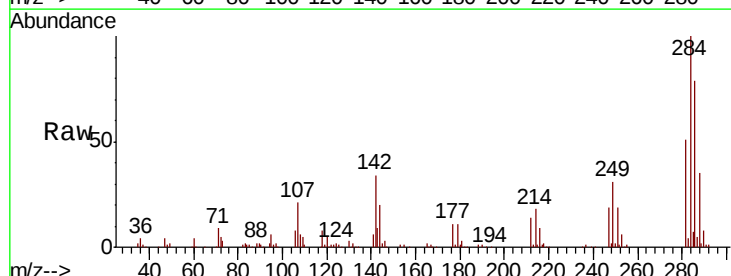


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

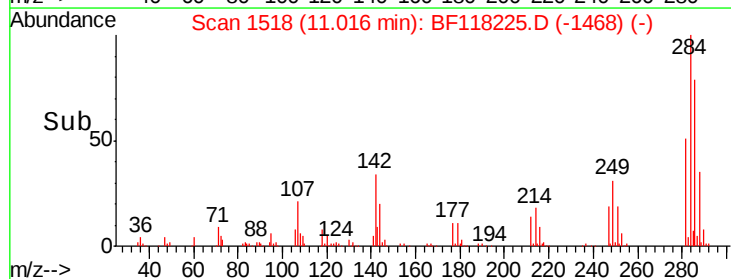
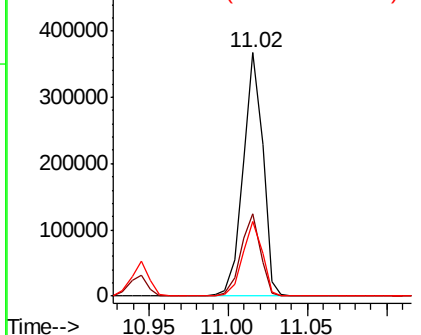


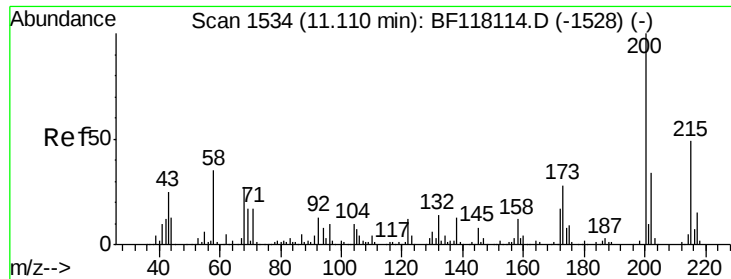
#68
 Hexachlorobenzene
 Concen: 39.194 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion:	284	Resp:	315336
Ion Ratio	Lower	Upper	
284	100		
142	33.8	29.7	44.5
249	30.9	24.6	37.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





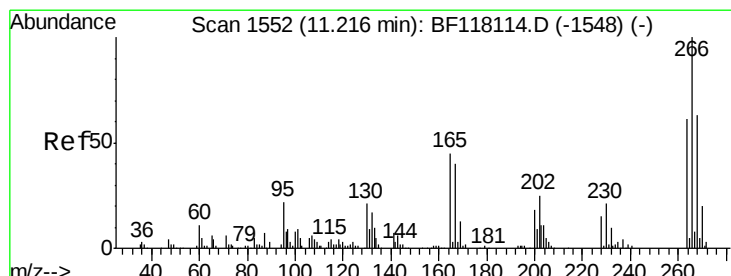
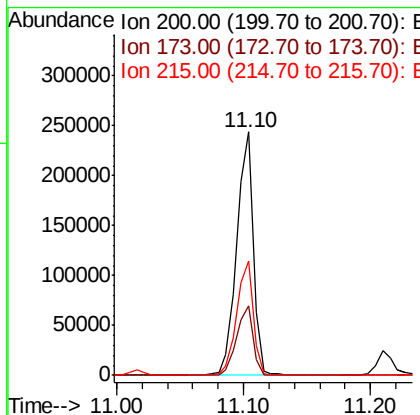
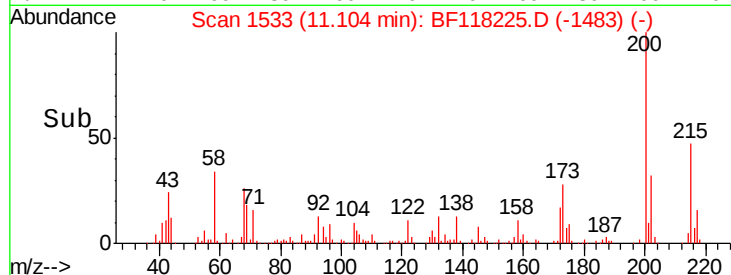
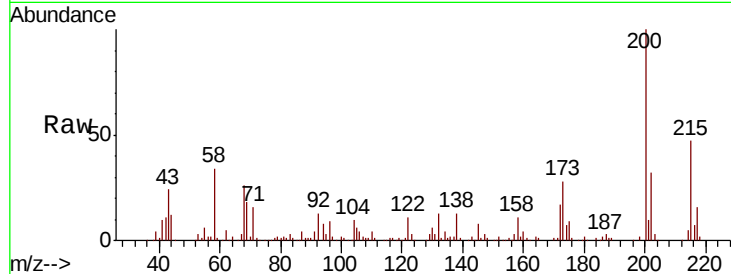
#69
Atrazine
Concen: 43.307 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	218821		
173	28.4	8.1	48.1	
215	46.9	29.0	69.0	

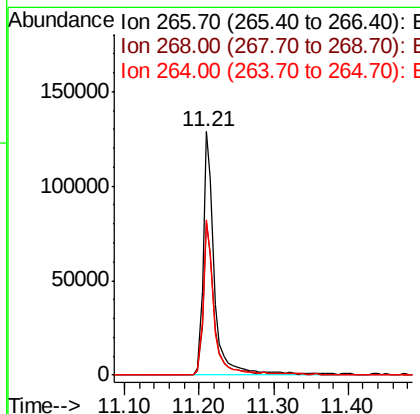
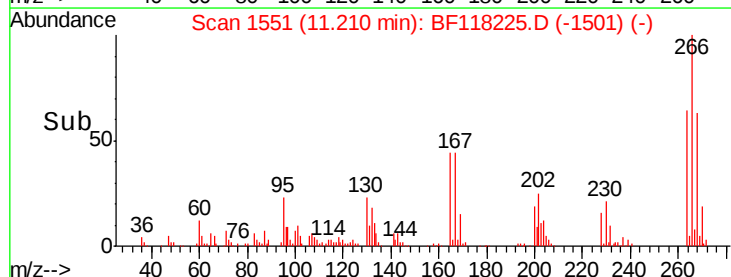
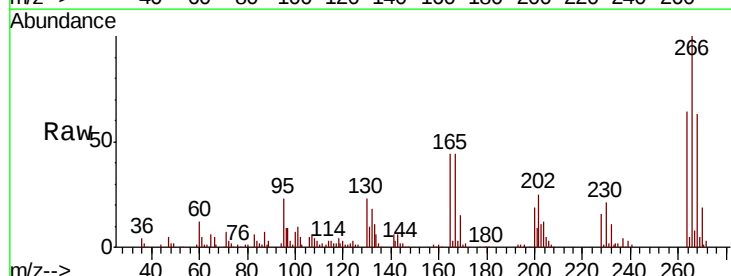
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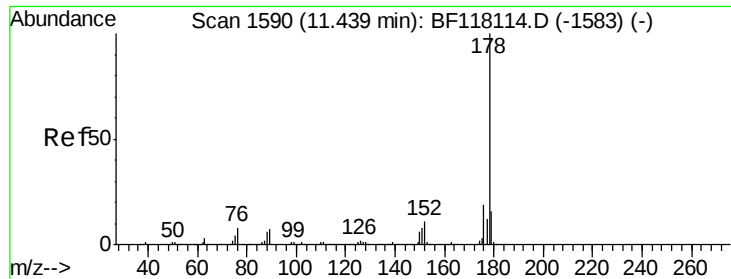
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#70
Pentachlorophenol
Concen: 36.554 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	138306		
268	62.8	50.7	76.1	
264	63.7	48.7	73.1	





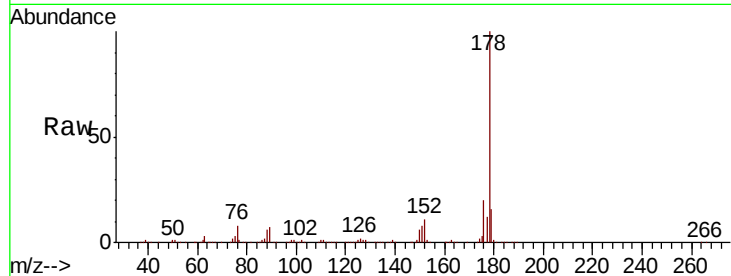
#71
Phenanthrene
Concen: 38.539 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.6	12.6	18.8

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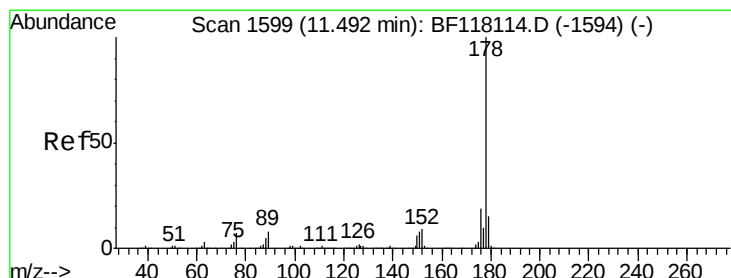
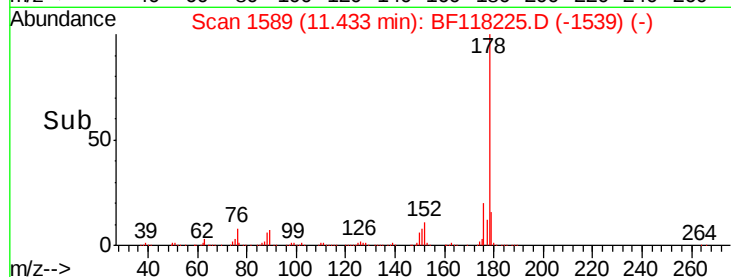
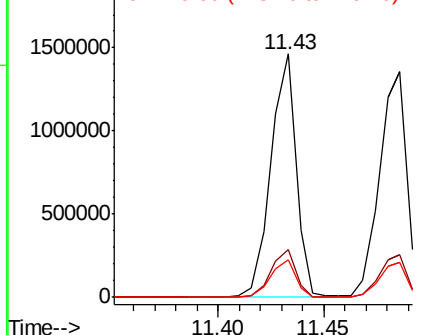


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.337 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

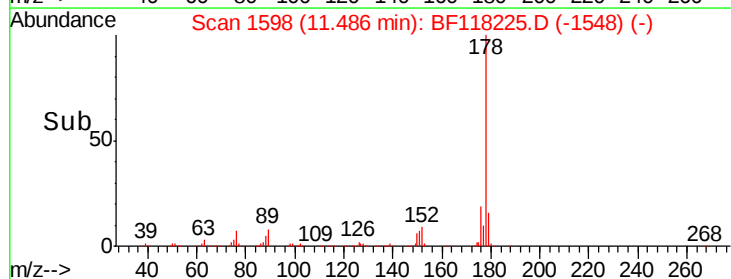
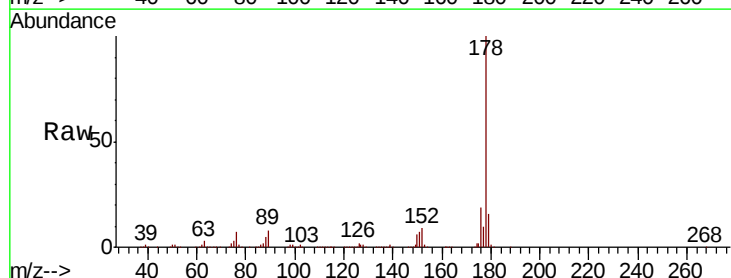
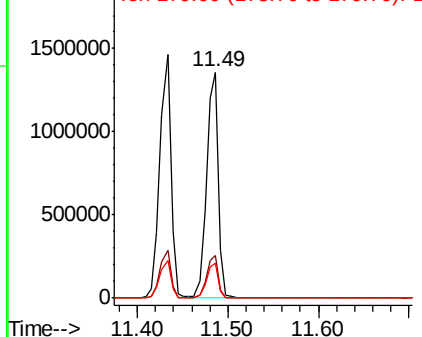
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.6	12.2	18.4

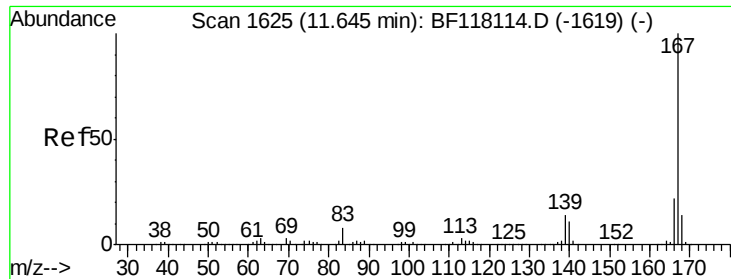
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





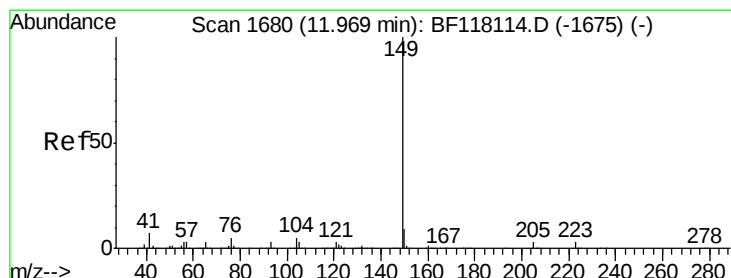
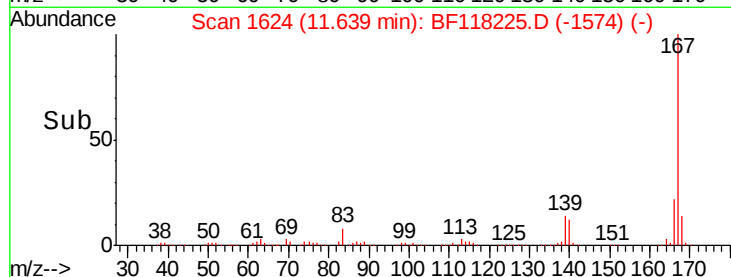
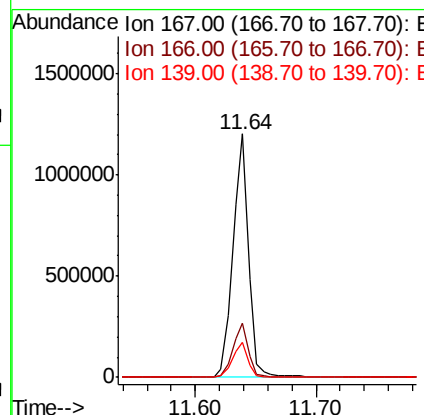
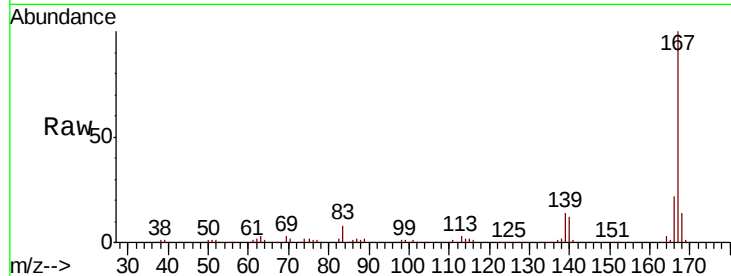
#73
 Carbazole
 Concen: 37.854 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.4	11.4	17.0

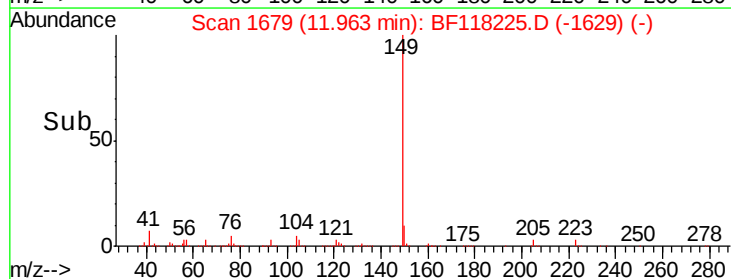
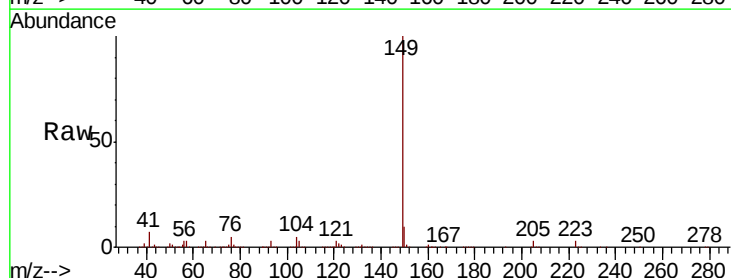
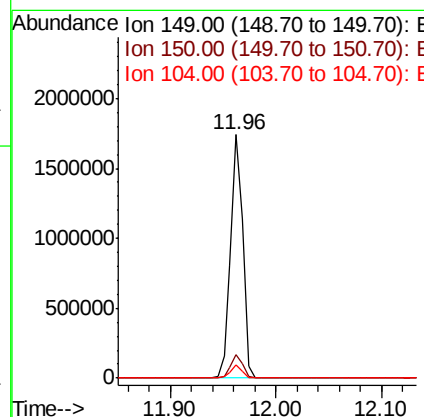
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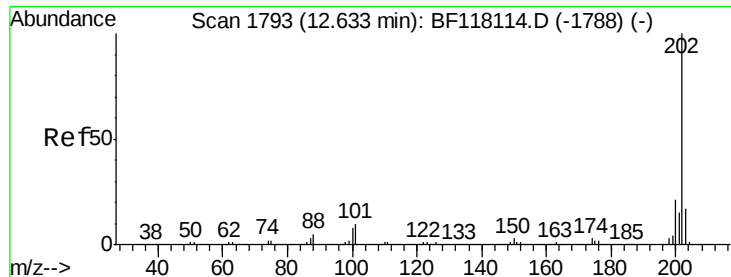
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#74
 Di-n-butylphthalate
 Concen: 39.348 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.3	4.3	6.5





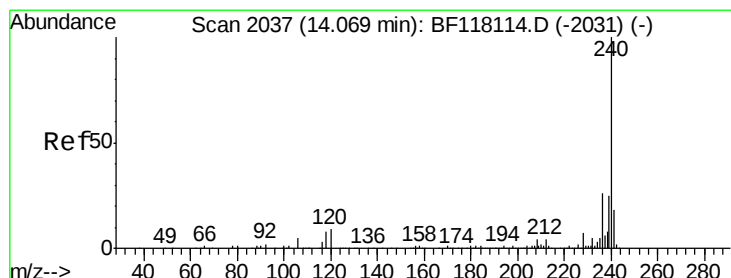
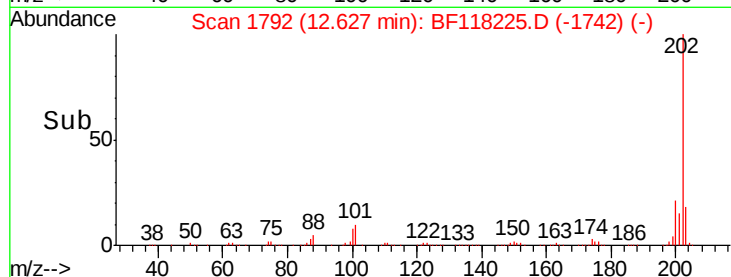
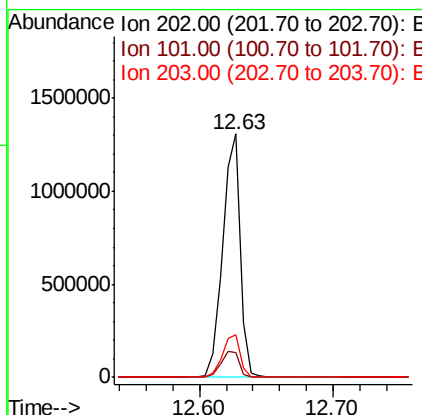
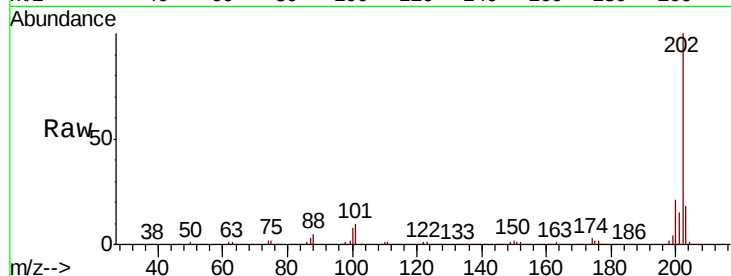
#75
 Fluoranthene
 Concen: 37.283 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.4
203	17.7	0.0	37.2

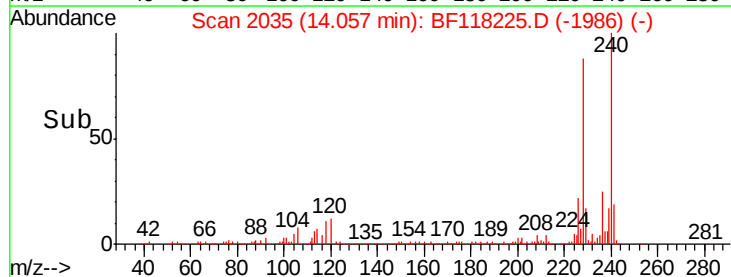
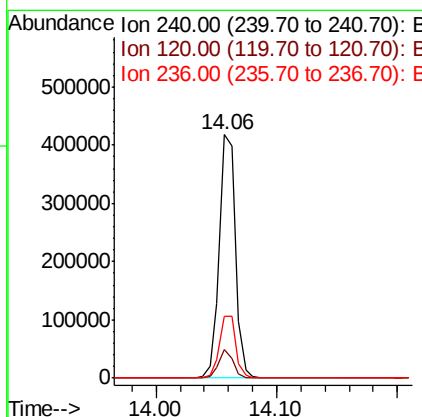
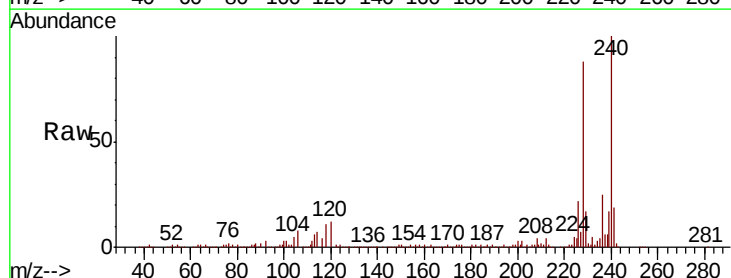
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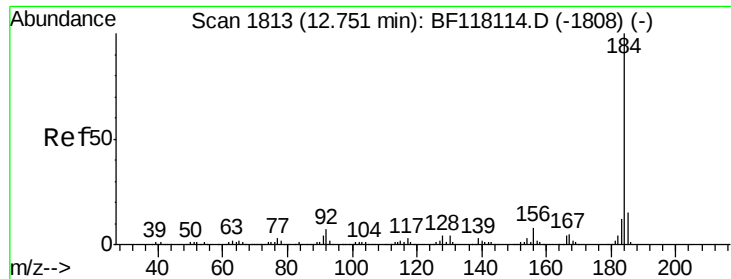
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118225.D
 Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	7.1	10.7#
236	25.4	21.0	31.6





#77

Benzidine

Concen: 38.152 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

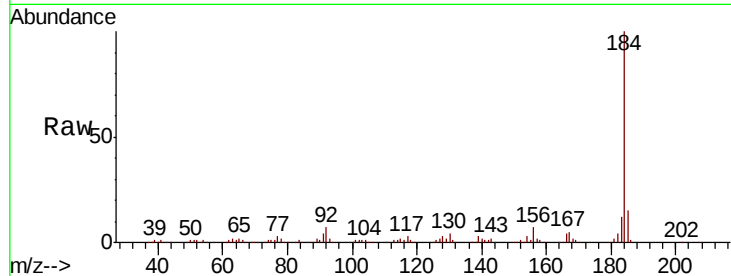
ClientSampleId :

SSTDCCC040

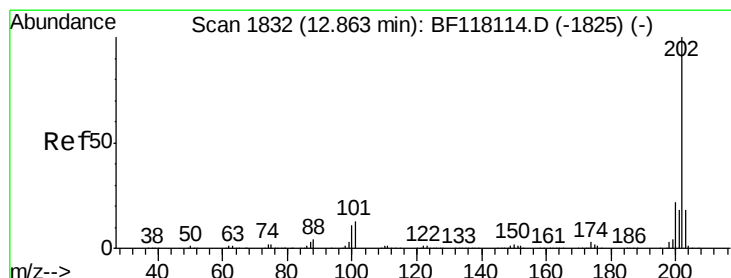
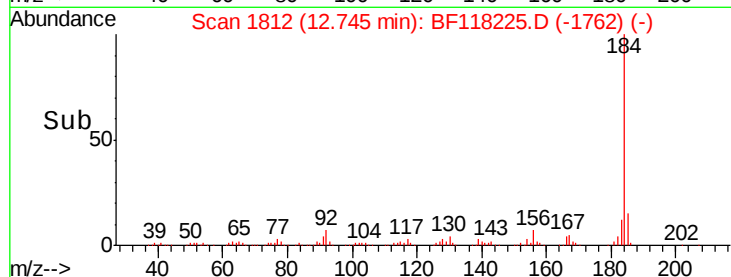
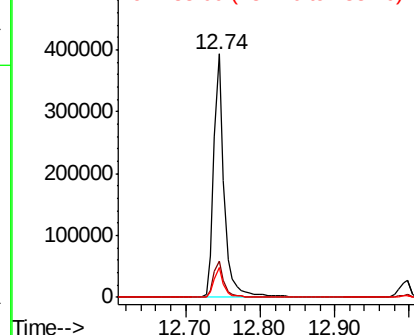
Tot Ion:	184	Resp:	386062
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.3	18.5
183	12.0	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.617 ng

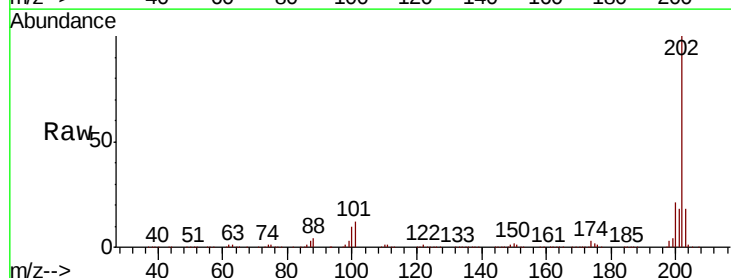
RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

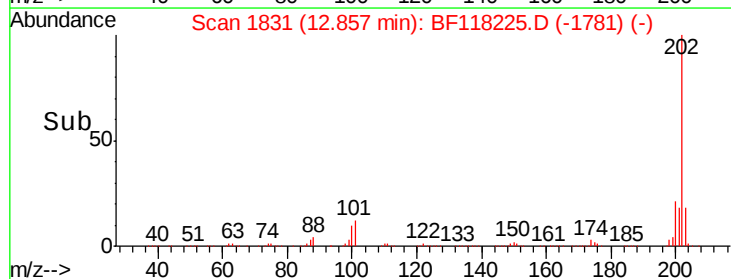
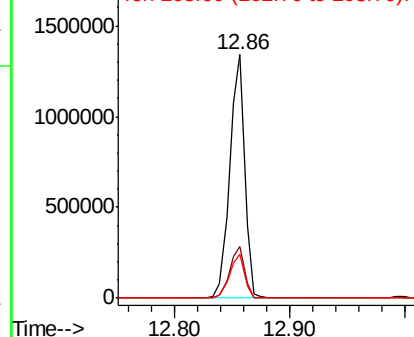
Lab File: BF118225.D

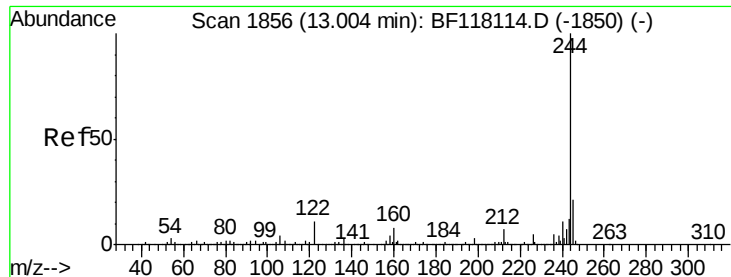
Acq: 17 Dec 2019 14:26

Tgt Ion:	202	Resp:	1200044
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.5	26.3
203	18.2	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.230 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1815726

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

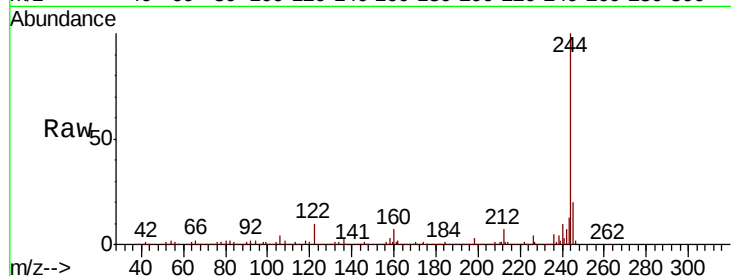
122 10.5 9.0 13.6

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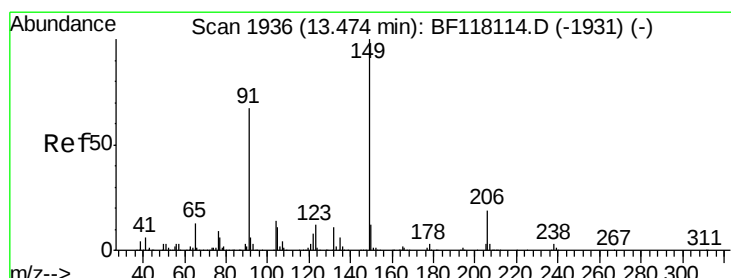
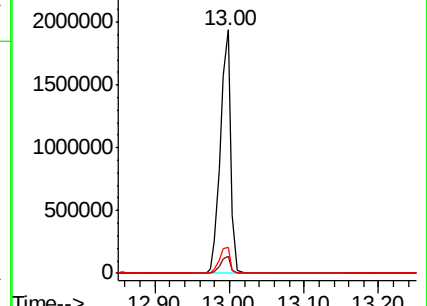
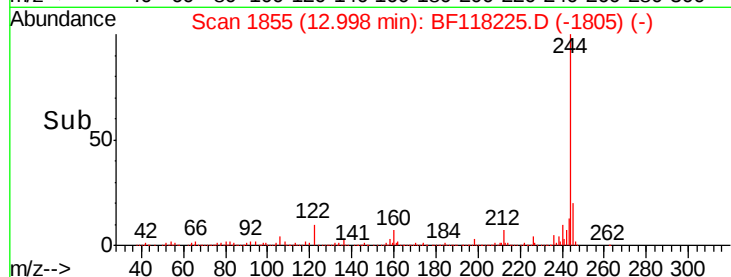
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.260 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

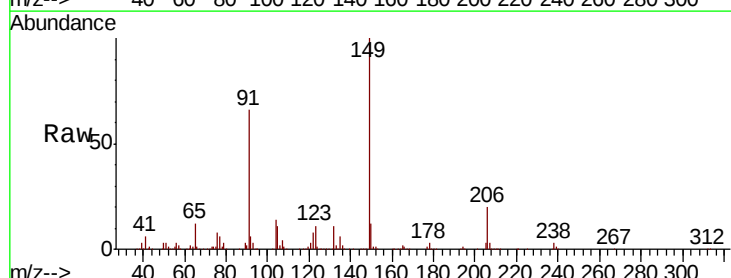
Tgt Ion:149 Resp: 552310

Ion Ratio Lower Upper

149 100

91 65.6 53.9 80.9

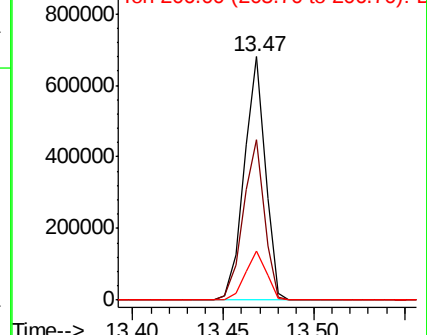
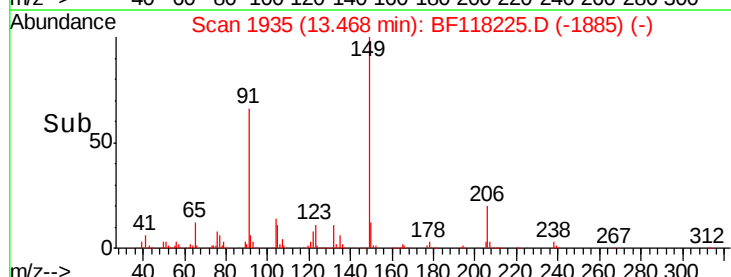
206 20.0 15.2 22.8

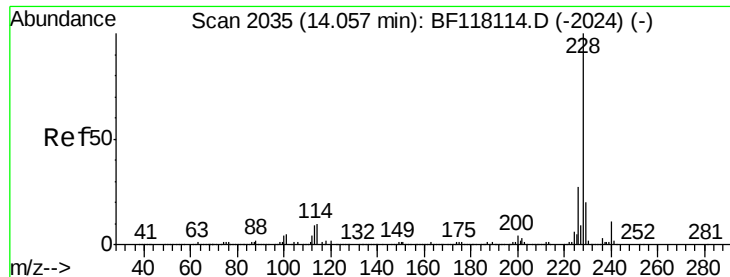


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.366 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:228 Resp: 1019740

Ion Ratio Lower Upper

228 100

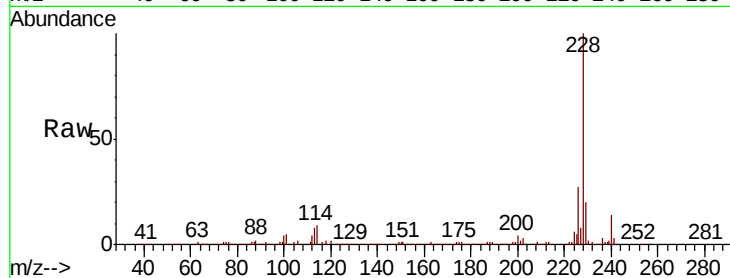
226 26.5 21.8 32.8

229 19.9 15.8 23.8

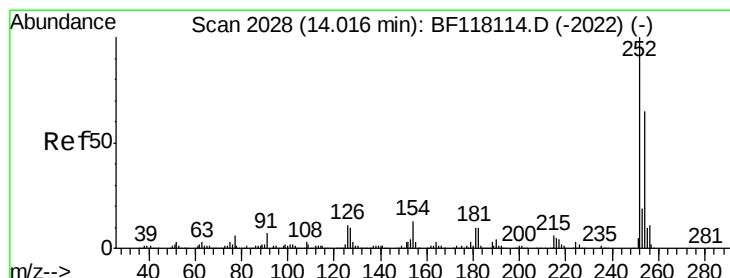
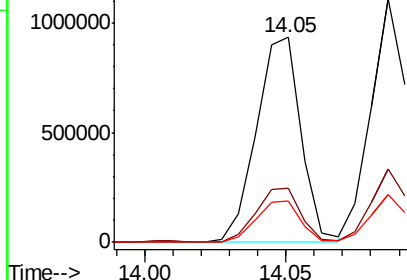
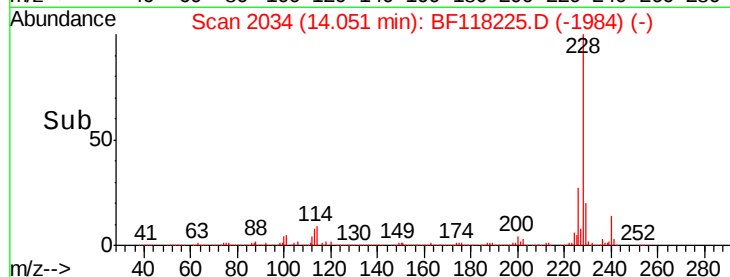
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Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.330 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

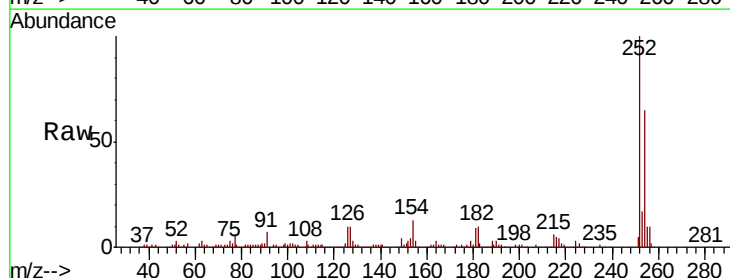
Tgt Ion:252 Resp: 334592

Ion Ratio Lower Upper

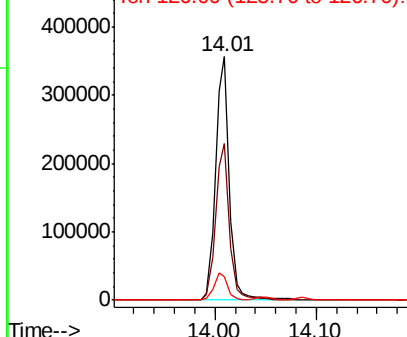
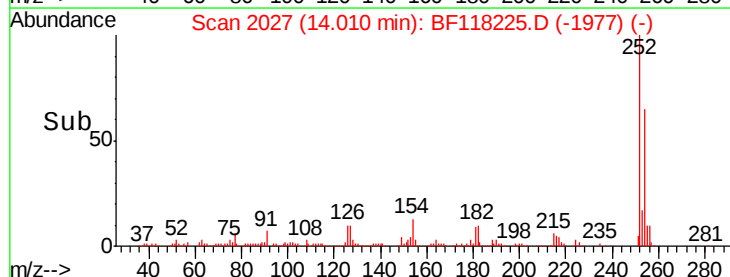
252 100

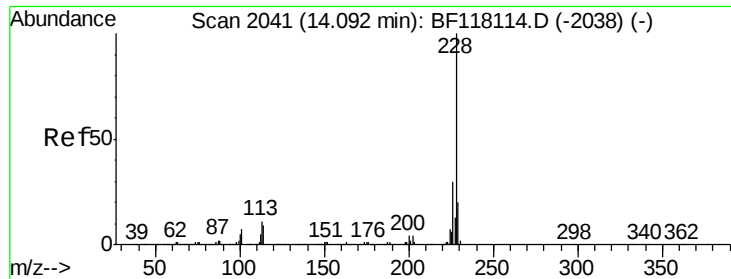
254 64.5 52.2 78.4

126 9.8 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
400000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





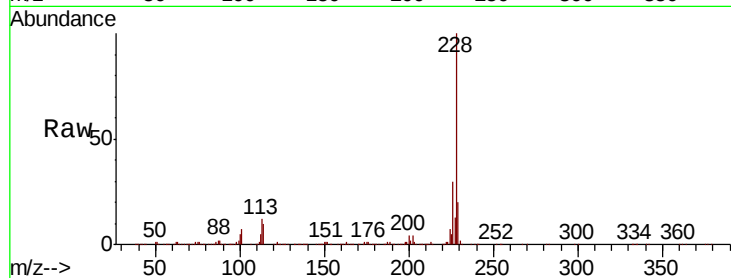
#83
Chrysene
Concen: 37.851 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

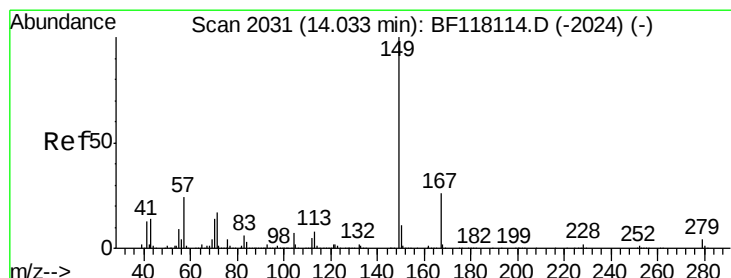
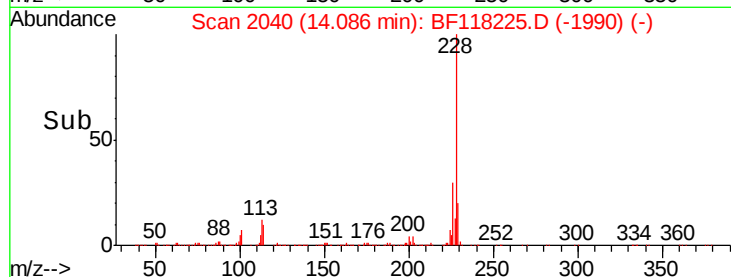
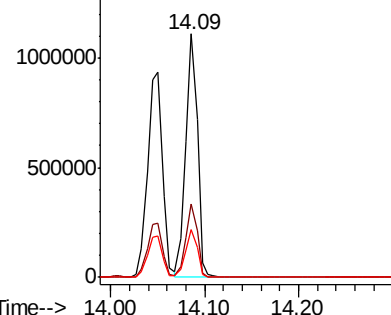
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.8
229	19.7	15.7	23.5

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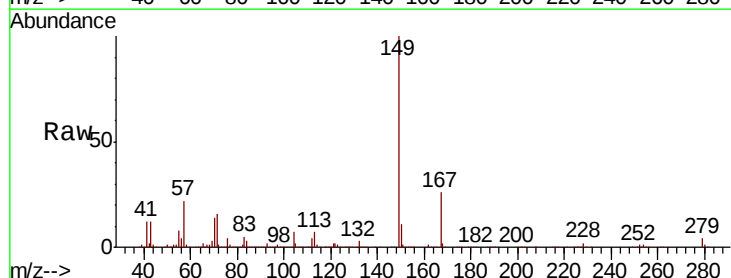


Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

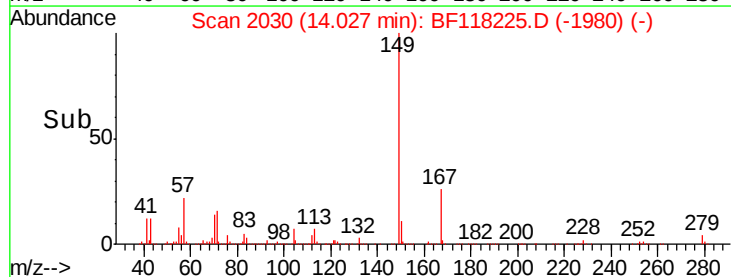
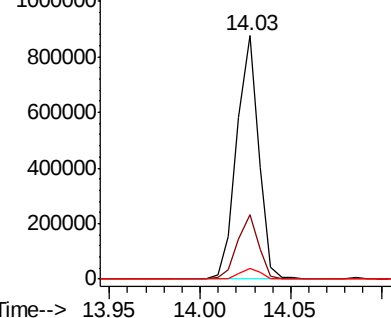


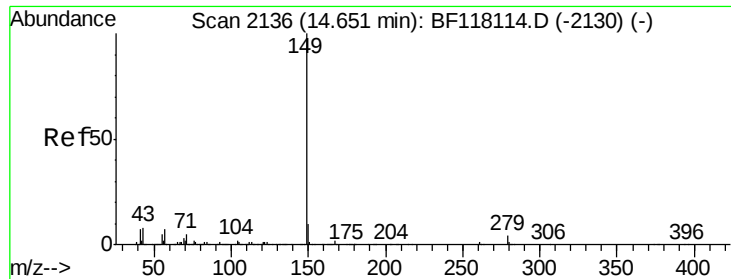
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.665 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	4.1	2.9	4.3



Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.017 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

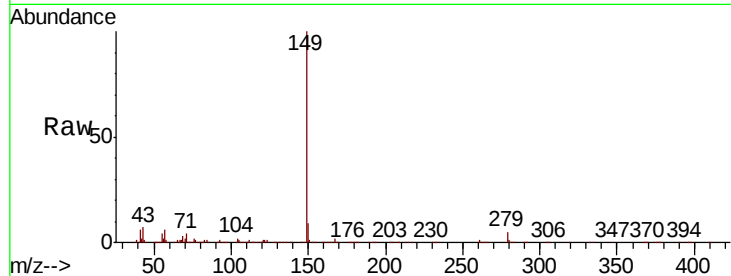
ClientSampleId :

SSTDCCC040

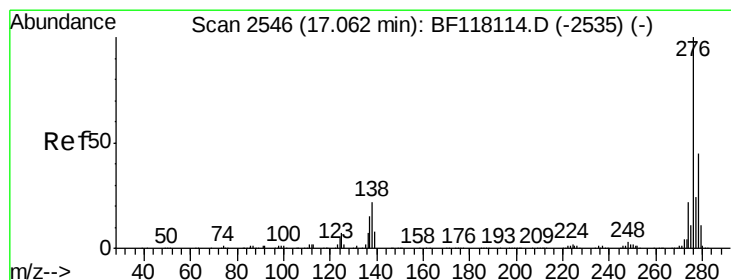
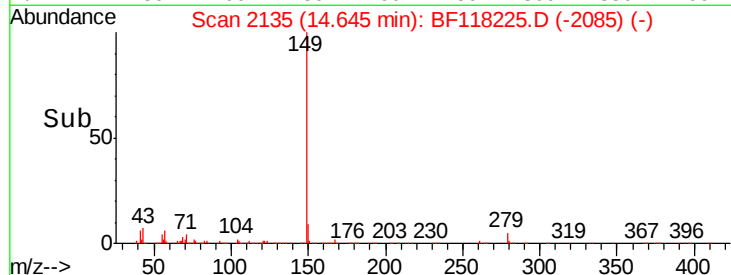
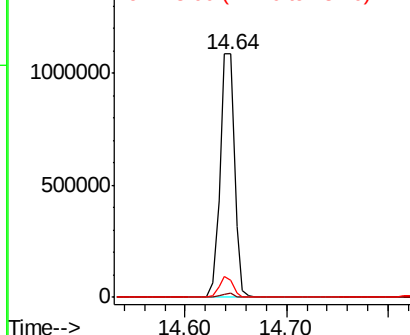
Tot Ion:	149	Resp:	1069163
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.1	6.5	9.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.223 ng

RT: 17.06 min Scan# 2546

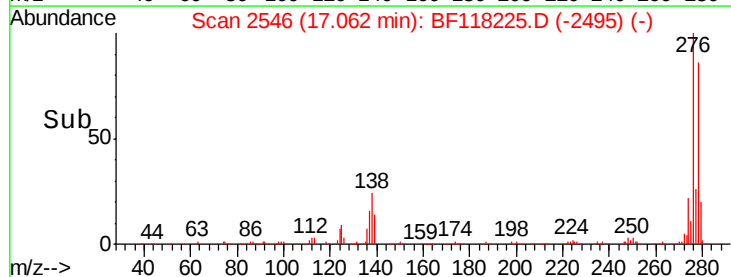
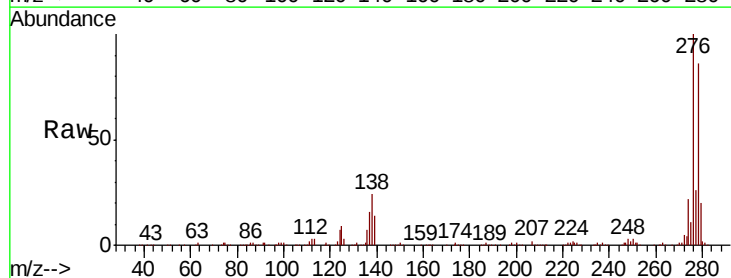
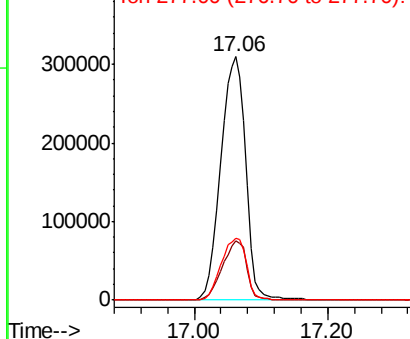
Delta R.T. -0.00 min

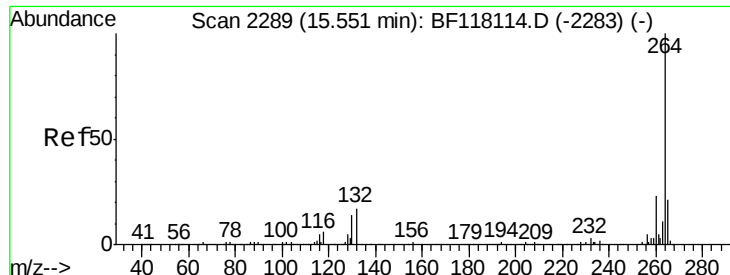
Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion:	276	Resp:	816550
Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.9	28.3
277	26.1	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





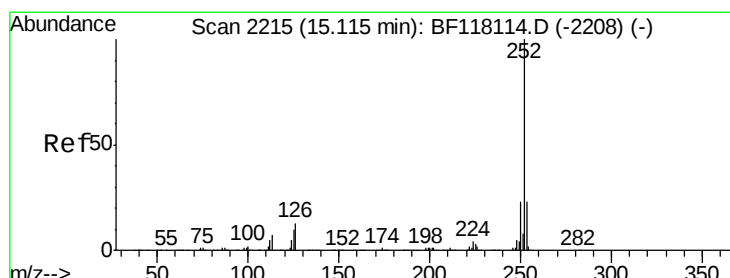
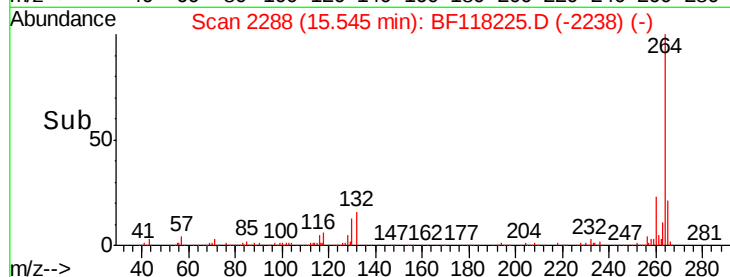
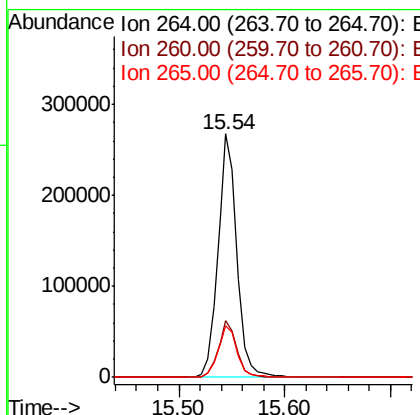
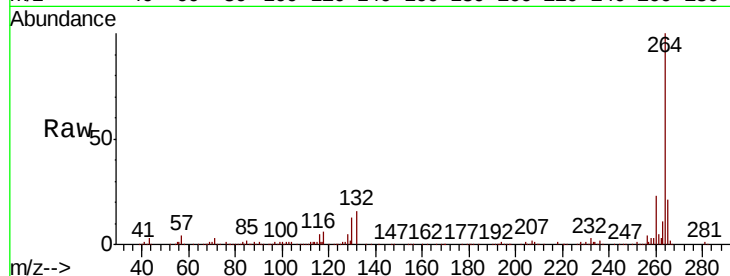
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.3	16.8	25.2

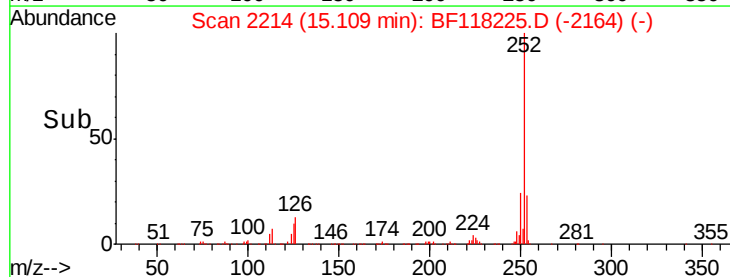
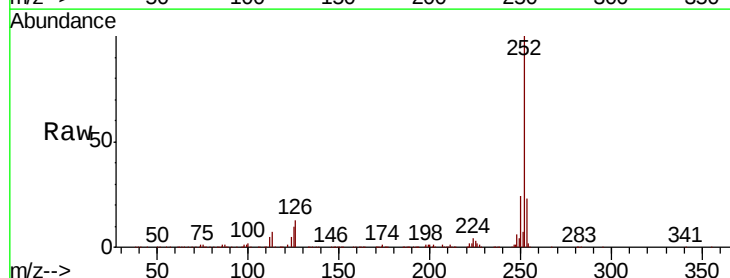
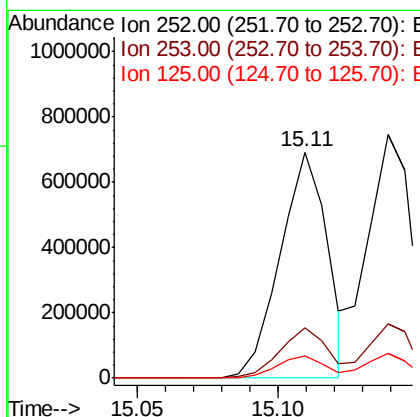
Manual Integrations
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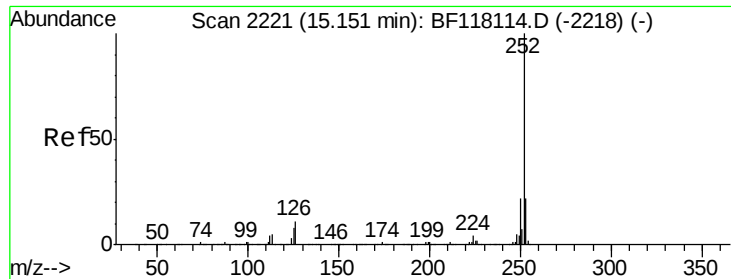
mohammad
12/18/2019 2:41:03 PM



#88
Benzo(b)fluoranthene
Concen: 36.331 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	9.7	8.3	12.5





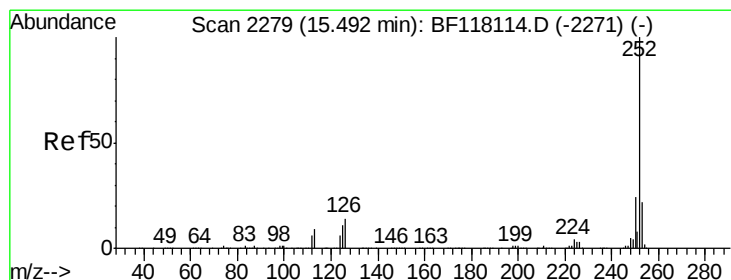
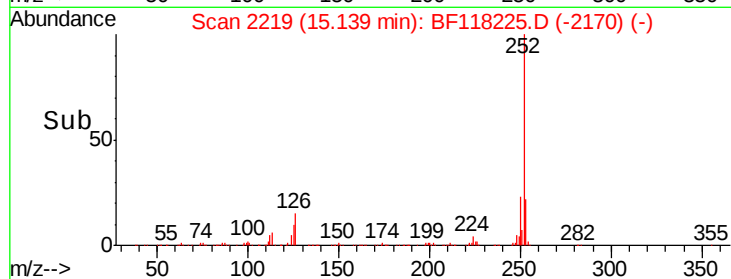
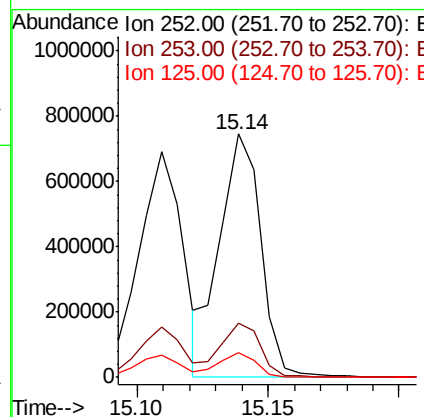
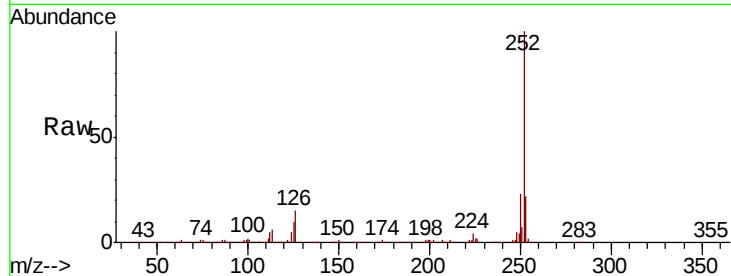
#89
Benzo(k)fluoranthene
Concen: 38.656 ng m
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.1	6.7	10.1

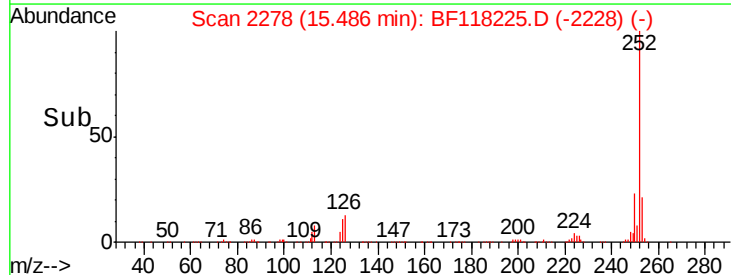
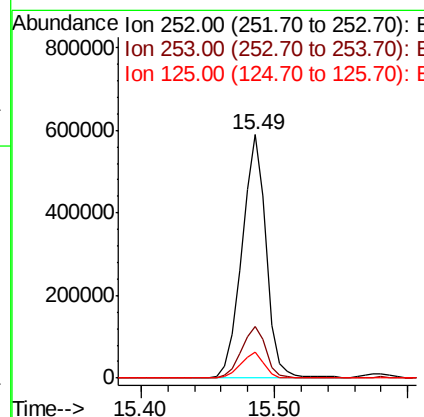
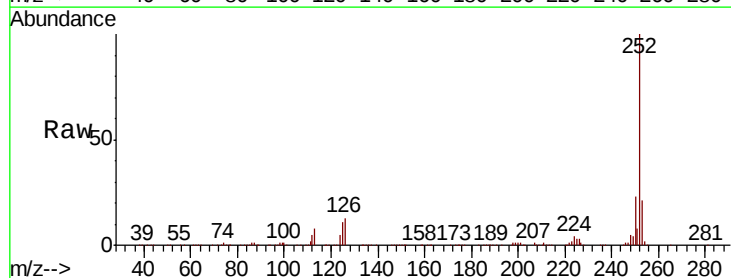
Manual Integrations
APPROVED

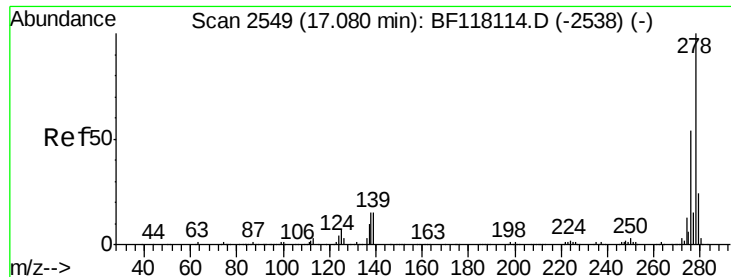
mohammad
12/18/2019 2:41:03 PM



#90
Benzo(a)pyrene
Concen: 37.894 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118225.D
Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	10.8	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 40.377 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Instrument :

BNA_F

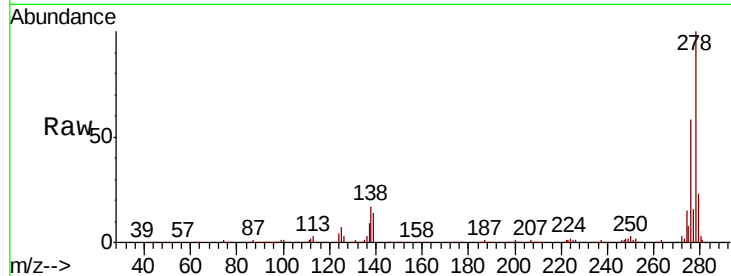
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.7	17.5
279	23.1	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/18/2019 2:41:03 PM

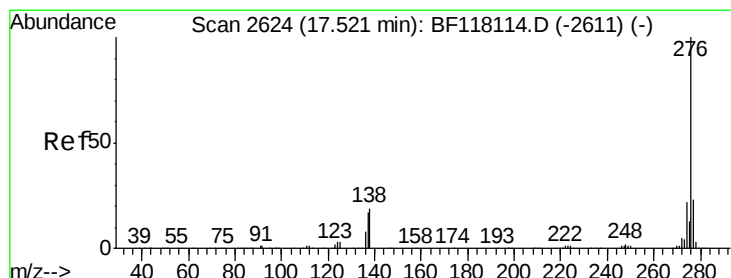
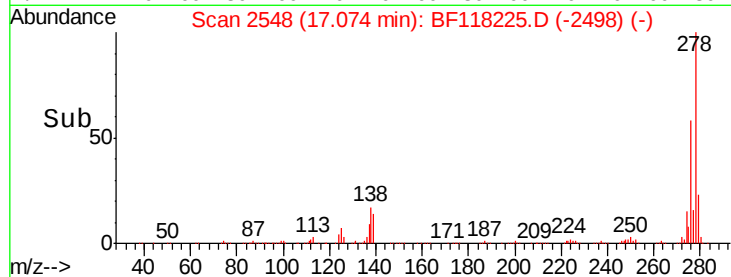
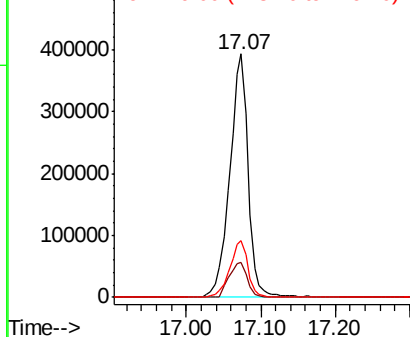


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.910 ng

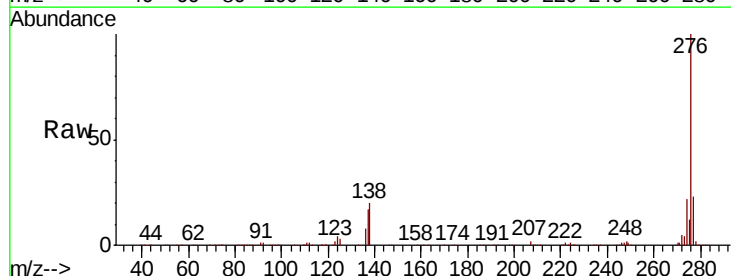
RT: 17.52 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF118225.D

Acq: 17 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.2	27.4
138	19.8	15.5	23.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

