

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118431.D
 Acq On : 2 Jan 2020 12:58
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 1/3/2020 11:04:01 AM

Quant Time: Jan 02 14:27:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	87872	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	361660	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	176921	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	323005	20.00	ng	0.00
76) Chrysene-d12	14.05	240	256340	20.00	ng	0.00
87) Perylene-d12	15.54	264	223531	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	335744	65.22	ng	0.00
7) Phenol-d6	6.49	99	497235	77.86	ng	0.00
23) Nitrobenzene-d5	7.42	82	492434	77.88	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	177125	81.07	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1024465	88.39	ng	0.00
79) Terphenyl-d14	12.98	244	1212768	78.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	67210	32.843	ng	96
3) Pyridine	3.35	79	169629m	31.112	ng	
4) n-Nitrosodimethylamine	3.32	42	88946	39.458	ng	# 70
6) Aniline	6.52	93	310033	38.233	ng	94
8) 2-Chlorophenol	6.64	128	231586	39.722	ng	98
9) Benzaldehyde	6.40	77	129066	34.473	ng	97
10) Phenol	6.50	94	280370	39.062	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	198158	38.604	ng	100
12) 1,3-Dichlorobenzene	6.79	146	267770	39.879	ng	99
13) 1,4-Dichlorobenzene	6.87	146	275972	40.464	ng	98
14) 1,2-Dichlorobenzene	7.02	146	258802	40.193	ng	99
15) Benzyl Alcohol	7.00	79	204564	42.072	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	217857	39.773	ng	68
17) 2-Methylphenol	7.11	107	185004	39.563	ng	94
18) Hexachloroethane	7.36	117	102938	41.124	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	160831	40.882	ng	96
20) 3+4-Methylphenols	7.27	107	245745	41.061	ng	99
22) Acetophenone	7.26	105	346384	39.078	ng	# 92
24) Nitrobenzene	7.44	77	241709	38.159	ng	98
25) Isophorone	7.68	82	418975	38.019	ng	99
26) 2-Nitrophenol	7.76	139	131373	39.157	ng	95
27) 2,4-Dimethylphenol	7.79	122	173572	37.918	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	278076	38.583	ng	98
29) 2,4-Dichlorophenol	8.00	162	204228	38.762	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	240754	39.226	ng	97
31) Naphthalene	8.16	128	754305	41.035	ng	99
32) Benzoic acid	7.95	122	121620	33.419	ng	98
33) 4-Chloroaniline	8.21	127	305094	38.716	ng	98
34) Hexachlorobutadiene	8.27	225	141810	38.815	ng	98
35) Caprolactam	8.59	113	59542m	36.198	ng	
36) 4-Chloro-3-methylphenol	8.70	107	215658	38.124	ng	99
37) 2-Methylnaphthalene	8.85	142	476080	37.828	ng	99
38) 1-Methylnaphthalene	8.95	142	448766	37.848	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	219474	41.288	ng	100

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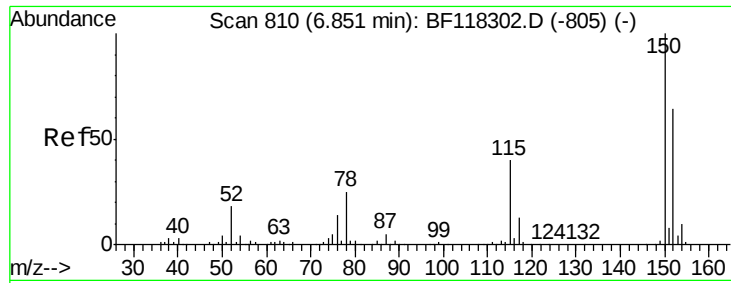
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	65982	35.186	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	145362	40.932	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	146017	39.969	nq	97
46) 1,1'-Biphenyl	9.32	154	623869	44.583	nq	97
47) 2-Chloronaphthalene	9.35	162	500940	44.479	nq	99
48) 2-Nitroaniline	9.45	65	142158	44.688	nq	98
49) Acenaphthylene	9.76	152	706378	42.290	nq	99
50) Dimethylphthalate	9.62	163	560253	42.187	nq	99
51) 2,6-Dinitrotoluene	9.69	165	120481	42.080	nq	92
52) Acenaphthene	9.93	154	410067	40.305	nq	99
53) 3-Nitroaniline	9.86	138	132513	39.433	nq	87
54) 2,4-Dinitrophenol	9.98	184	60599	44.441	nq	98
55) Dibenzofuran	10.11	168	618932	41.171	nq	98
56) 4-Nitrophenol	10.04	139	101820	49.080	nq	98
57) 2,4-Dinitrotoluene	10.10	165	155166	40.558	nq	# 77
58) Fluorene	10.45	166	493791	40.689	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	124798	40.205	nq	98
60) Diethylphthalate	10.32	149	536836	40.860	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	243193	40.143	nq	100
62) 4-Nitroaniline	10.48	138	135989	38.954	nq	89
63) Azobenzene	10.60	77	476917	42.379	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	69630	39.960	nq	88
66) n-Nitrosodiphenylamine	10.56	169	431367	41.669	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	148039	39.163	nq	98
68) Hexachlorobenzene	11.00	284	171860	38.625	nq	94
69) Atrazine	11.09	200	123141	38.541	nq	98
70) Pentachlorophenol	11.20	266	79252	41.127	nq	99
71) Phenanthrene	11.42	178	742470	42.165	nq	99
72) Anthracene	11.47	178	759034	43.065	nq	99
73) Carbazole	11.63	167	641841	41.040	nq	99
74) Di-n-butylphthalate	11.95	149	888179	44.789	nq	99
75) Fluoranthene	12.62	202	772893	43.492	nq	99
77) Benzdine	12.73	184	249929	35.583	nq	100
78) Pyrene	12.85	202	789860	37.733	nq	99
80) Butylbenzylphthalate	13.45	149	358532	38.040	nq	95
81) Benzo(a)anthracene	14.04	228	711565	39.657	nq	96
82) 3,3'-Dichlorobenzidine	14.00	252	220857	36.303	nq	98
83) Chrysene	14.07	228	680091	39.584	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	480735	38.789	nq	99
85) Di-n-octyl phthalate	14.63	149	717133	39.337	nq	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	490607	33.513	nq	100
88) Benzo(b)fluoranthene	15.10	252	587727	39.610	nq	100
89) Benzo(k)fluoranthene	15.13	252	543917	38.177	nq	98
90) Benzo(a)pyrene	15.47	252	508387	38.894	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	410702	36.208	nq	99
92) Benzo(g,h,i)perylene	17.50	276	369589	33.731	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

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Instrument :

BNA_F

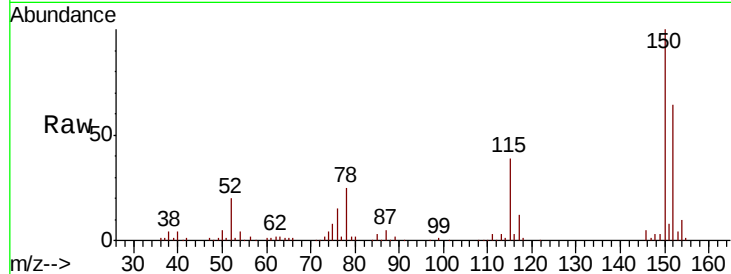
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.4	188.2
115	62.1	50.2	75.4

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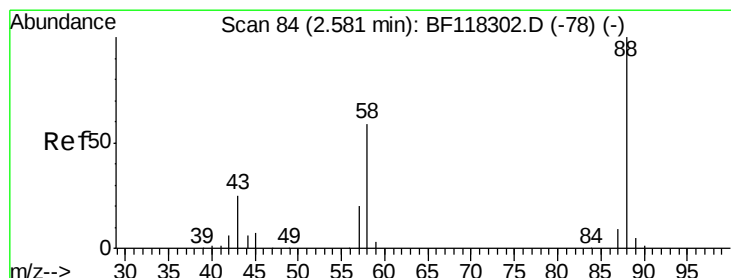
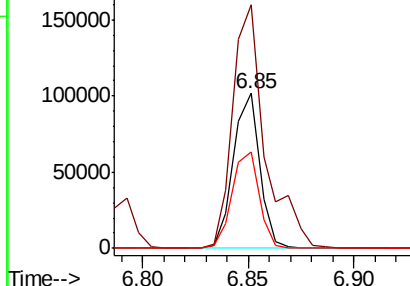
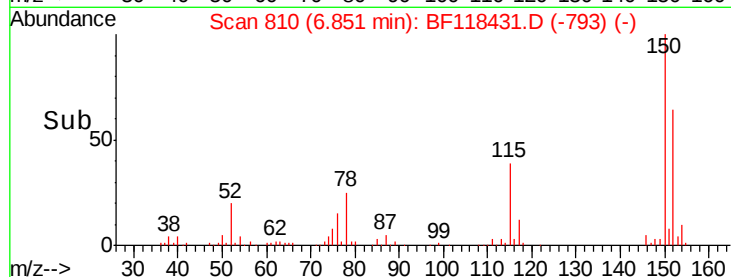


Abundance

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: 32.843 ng

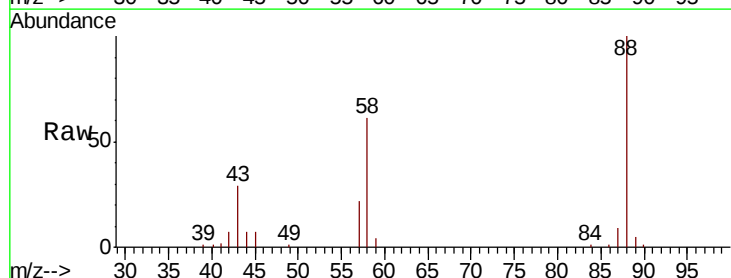
RT: 2.59 min Scan# 86

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	47.6	71.4
43	29.4	20.6	30.8

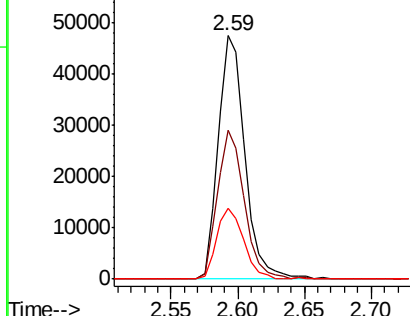
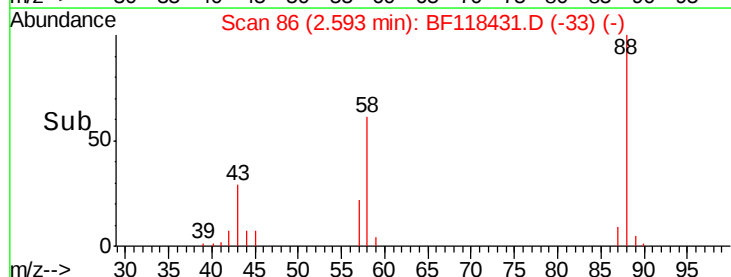


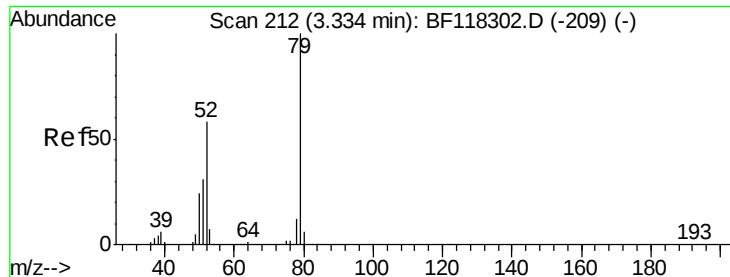
Abundance

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: 31.112 ng/ml

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

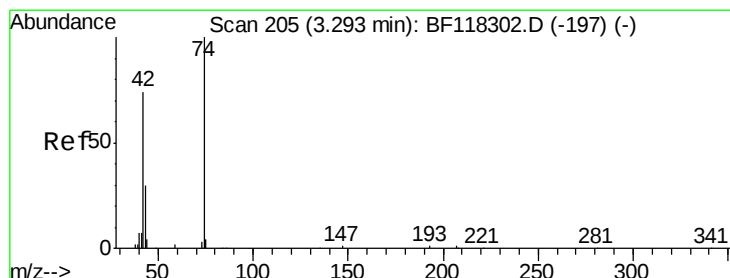
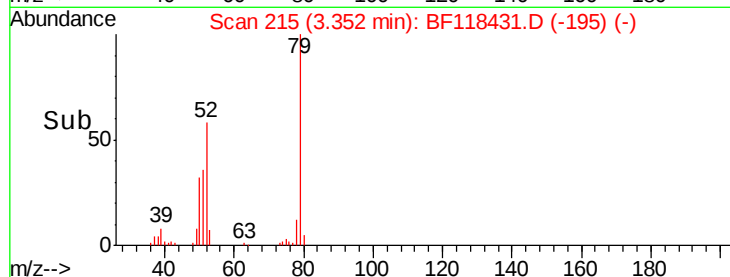
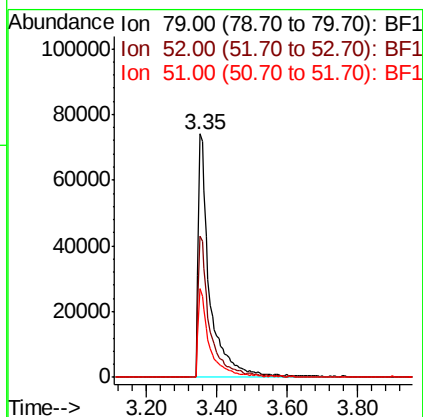
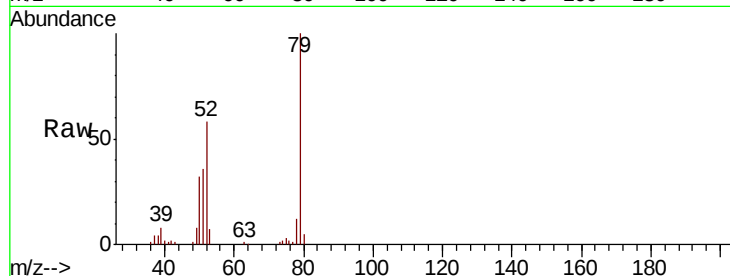
ClientSampleID :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.2	46.4	69.6
51	36.4	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 39.458 ng/ml

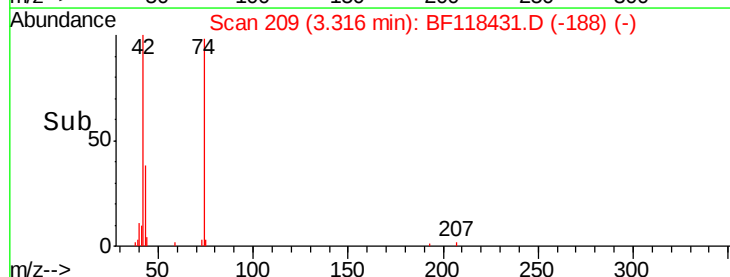
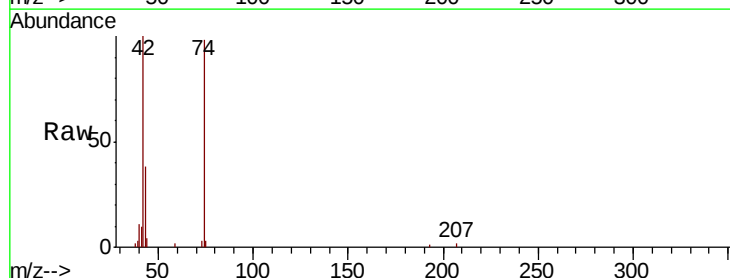
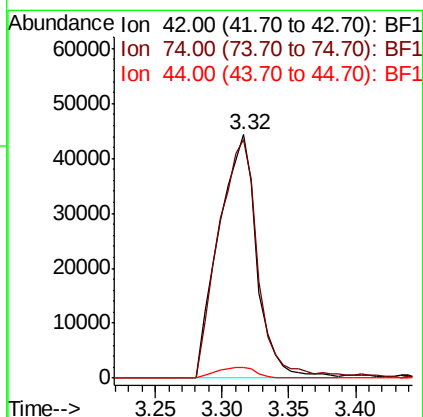
RT: 3.32 min Scan# 209

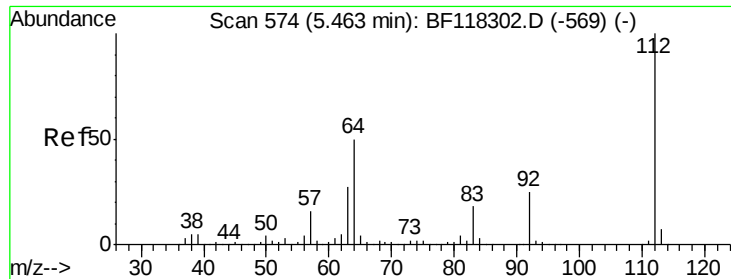
Delta R.T. 0.02 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	98.2	107.7	161.5#
44	4.3	4.8	7.2#





#5

2-Fluorophenol

Concen: 65.221 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

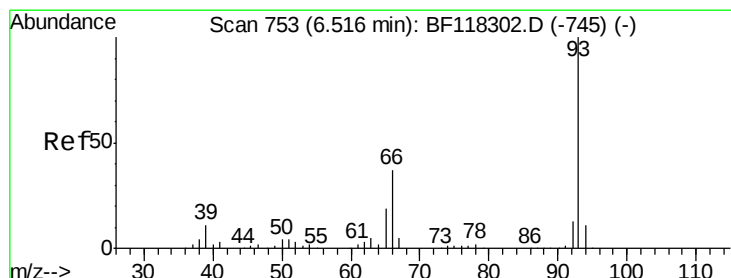
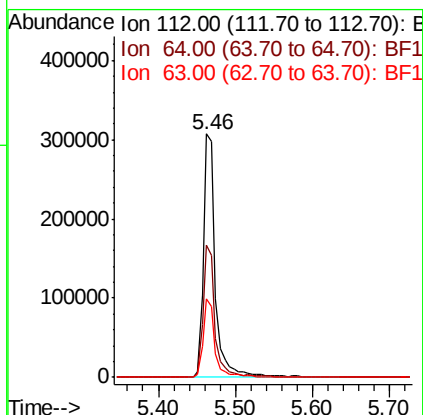
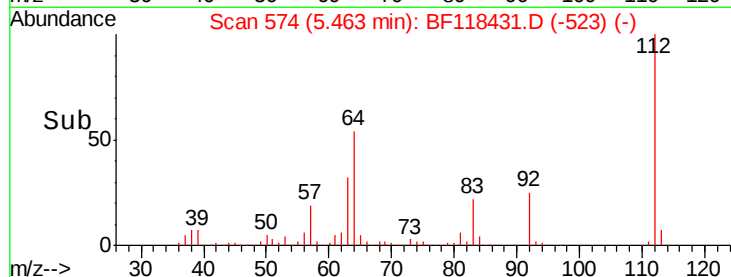
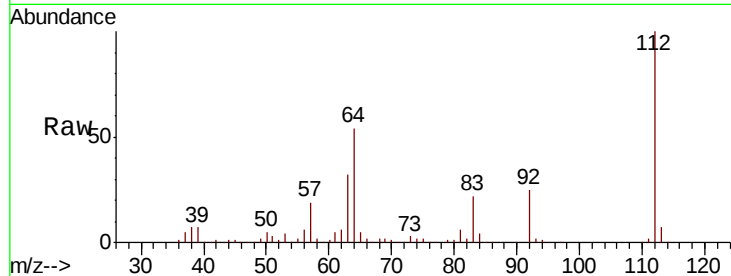
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	335744
Ion Ratio	Lower	Upper	
112	100		
64	54.5	39.7	59.5
63	32.4	21.7	32.5

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#6

Aniline

Concen: 38.233 ng

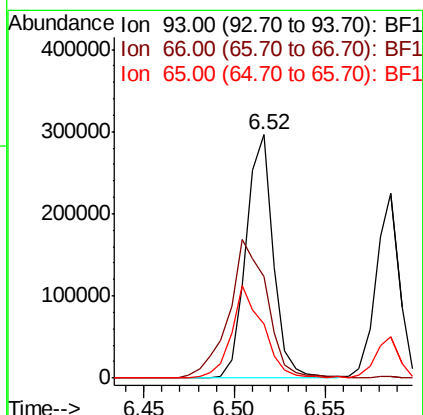
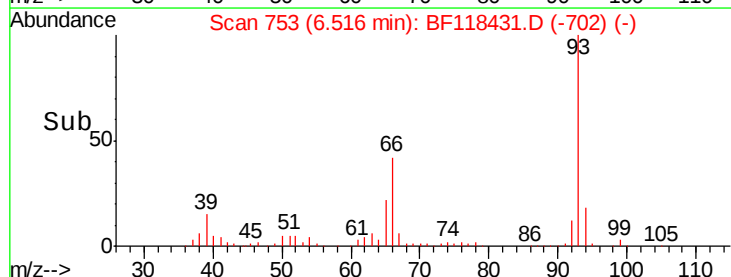
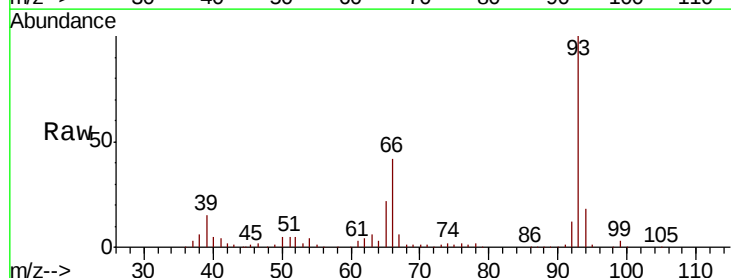
RT: 6.52 min Scan# 753

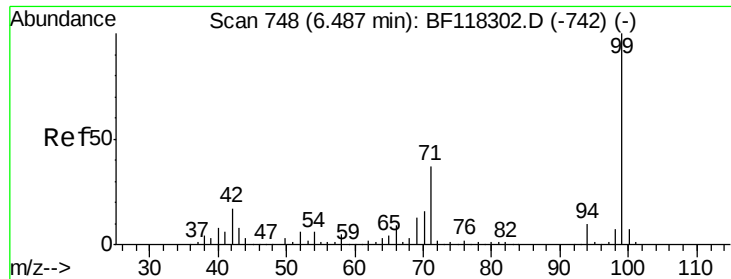
Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:	93	Resp:	310033
Ion Ratio	Lower	Upper	
93	100		
66	41.6	30.2	45.4
65	22.2	15.7	23.5





#7

Phenol-d6

Concen: 77.864 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

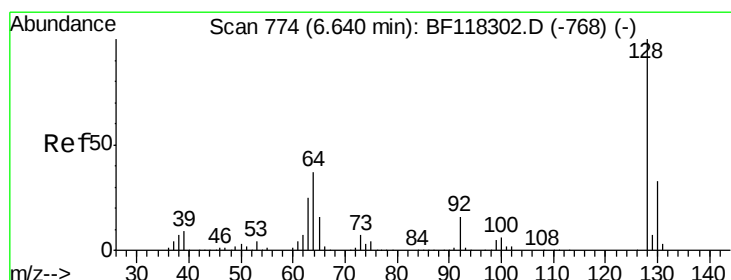
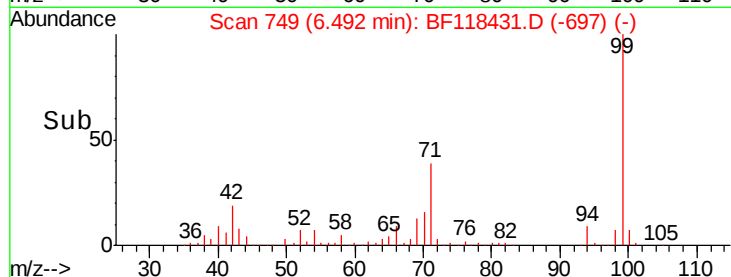
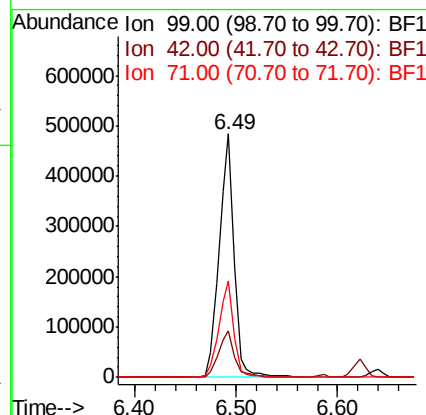
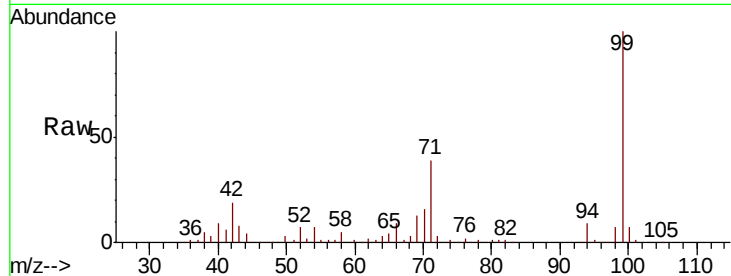
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	497235
Ion Ratio	Lower	Upper	
99	100		
42	19.2	13.5	20.3
71	39.5	29.4	44.2

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#8

2-Chlorophenol

Concen: 39.722 ng

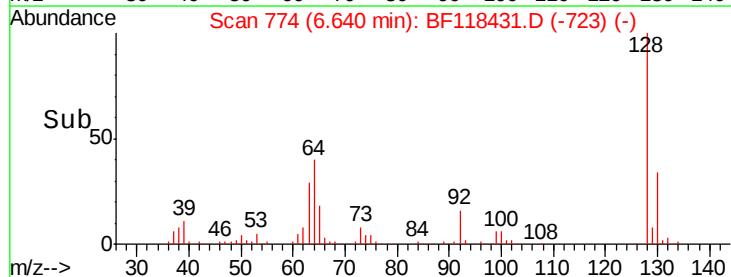
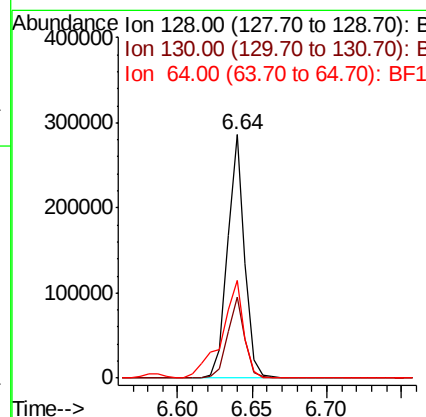
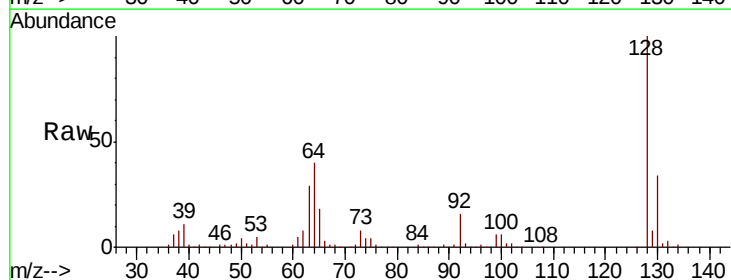
RT: 6.64 min Scan# 774

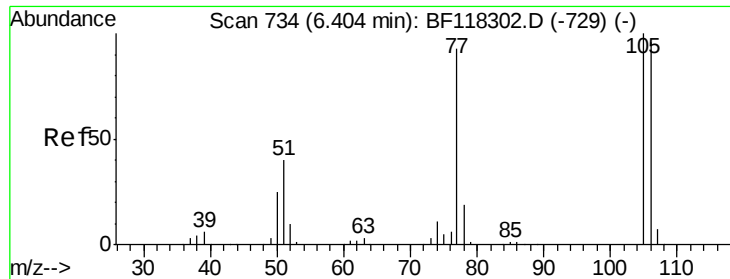
Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:	128	Resp:	231586
Ion Ratio	Lower	Upper	
128	100		
130	33.5	13.2	53.2
64	39.9	17.7	57.7





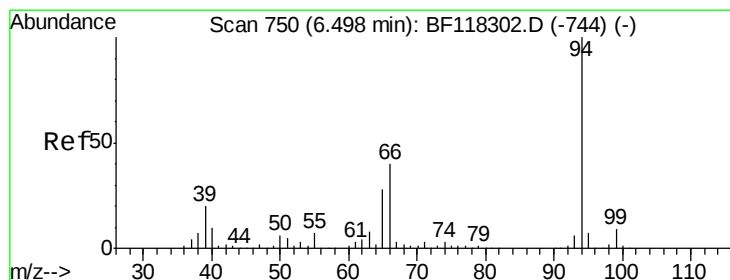
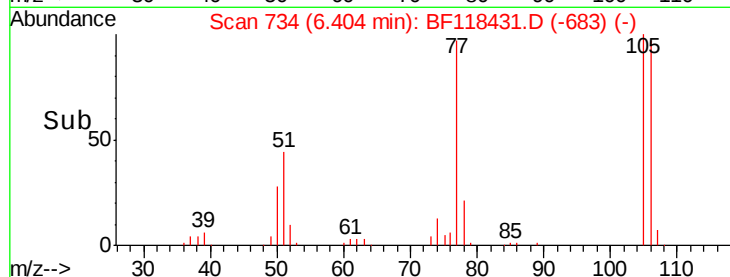
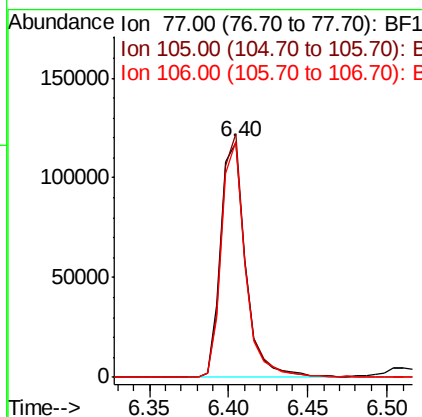
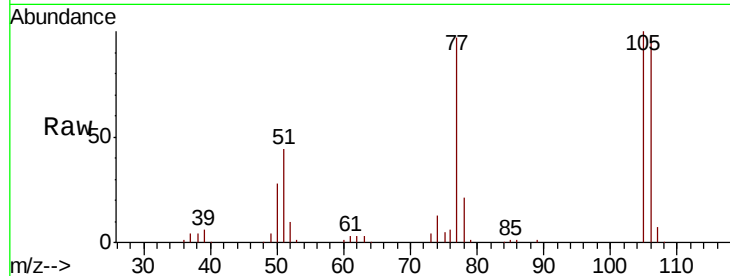
#9
Benzaldehyde
Concen: 34.473 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	87.5	127.5
106	100.5	83.6	123.6

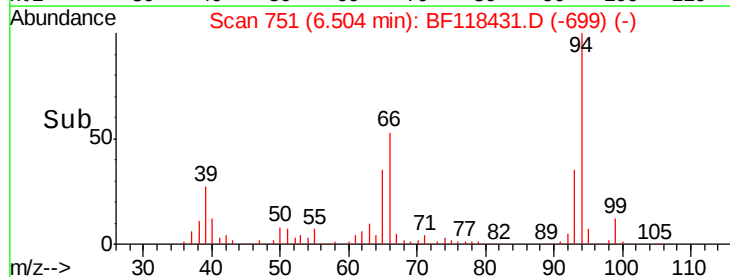
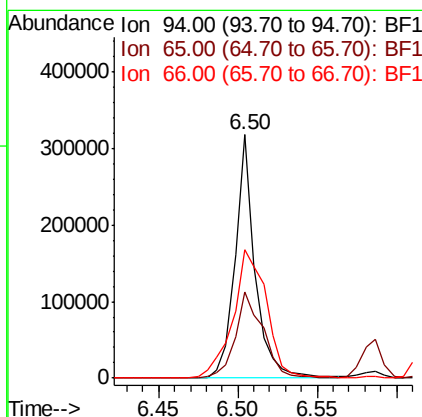
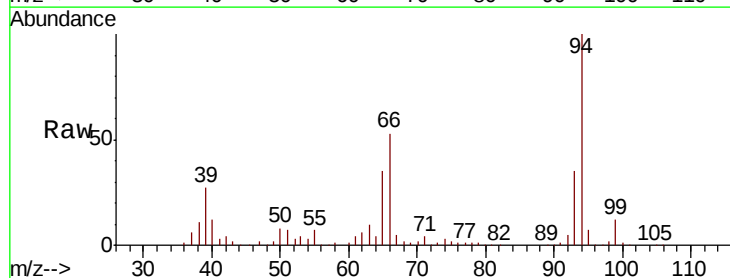
Manual Integrations
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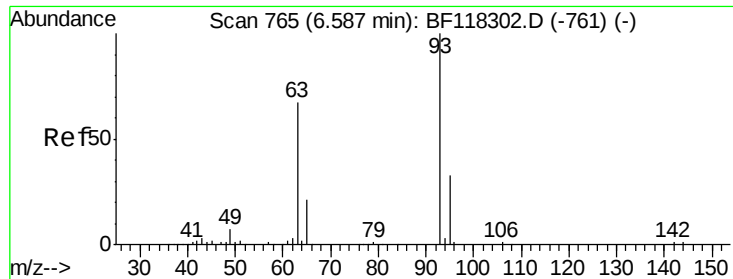
mohammad
1/3/2020 11:04:01 AM



#10
Phenol
Concen: 39.062 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	7.8	47.8
66	52.8	20.4	60.4





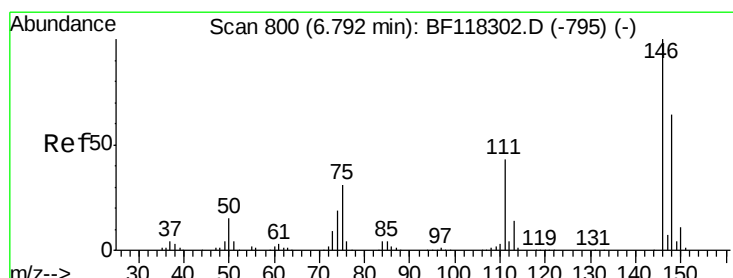
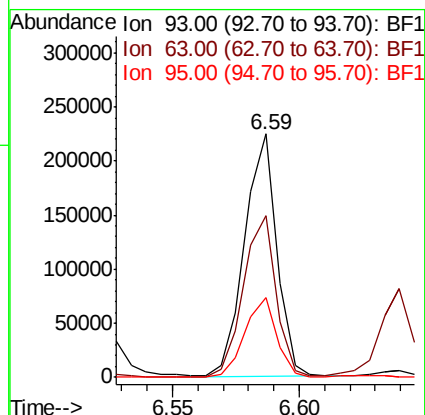
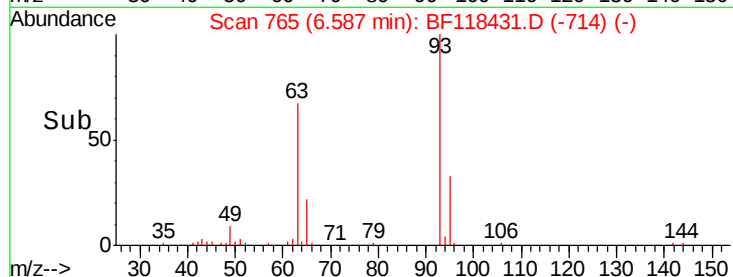
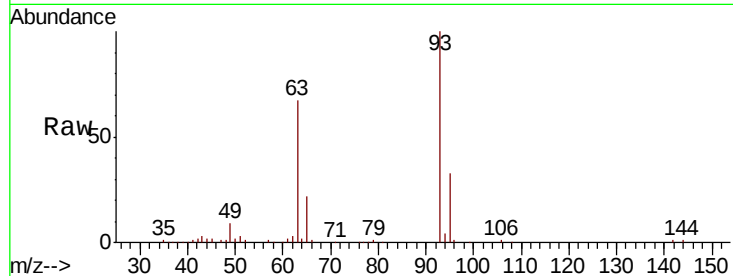
#11
bis(2-Chloroethyl)ether
Concen: 38.604 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	198158
Ion Ratio	Lower	Upper	
93	100		
63	66.6	47.0	87.0
95	32.6	12.8	52.8

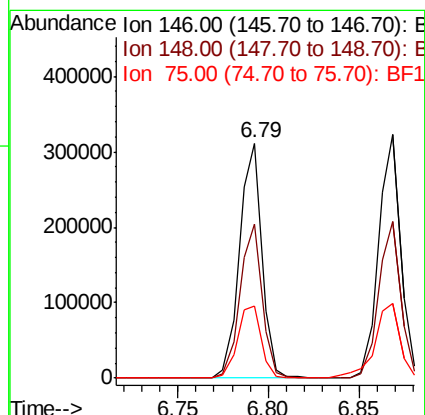
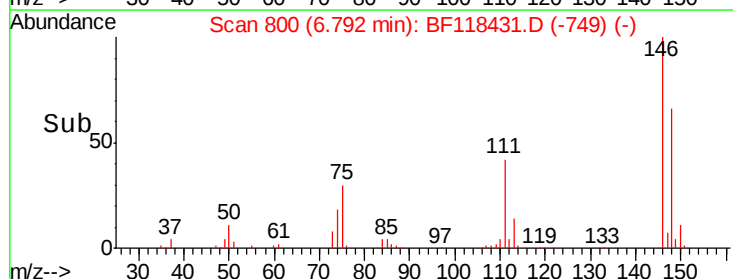
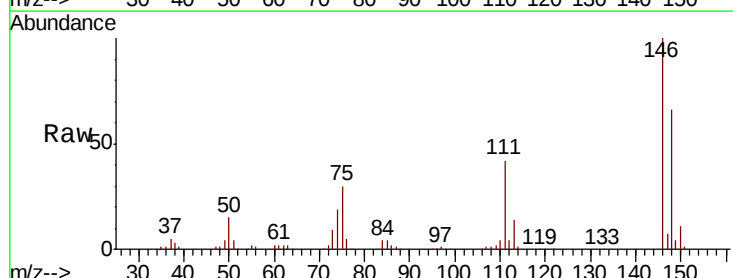
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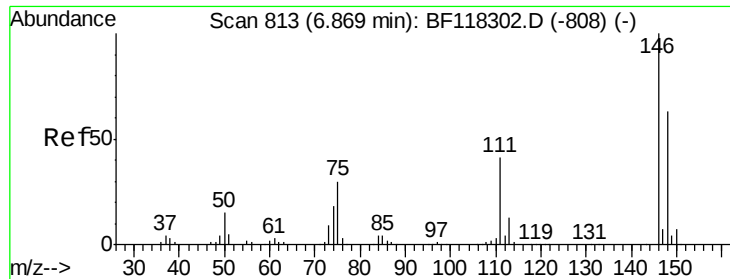
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#12
1,3-Dichlorobenzene
Concen: 39.879 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:	146	Resp:	267770
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.4	77.0
75	30.4	24.4	36.6





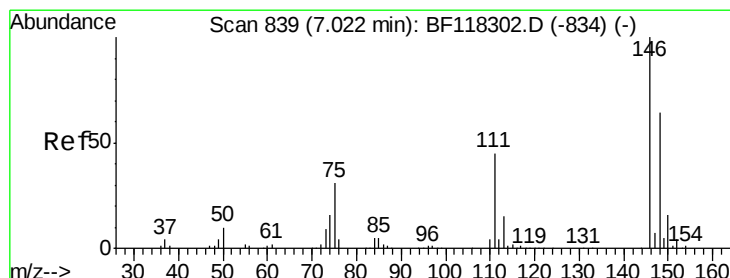
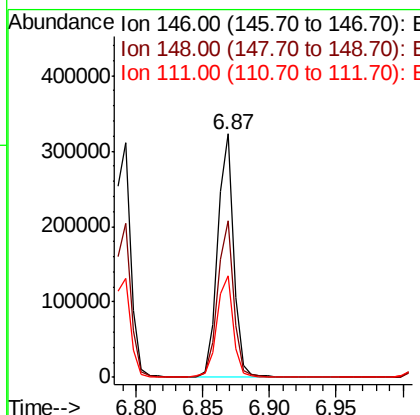
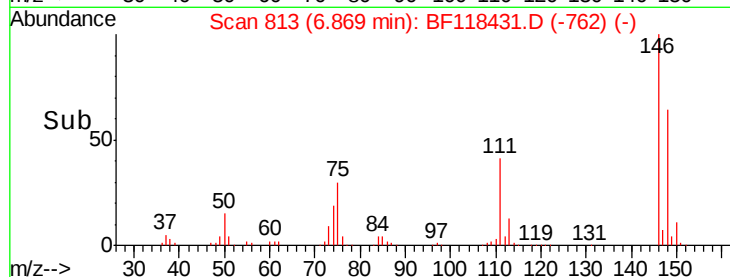
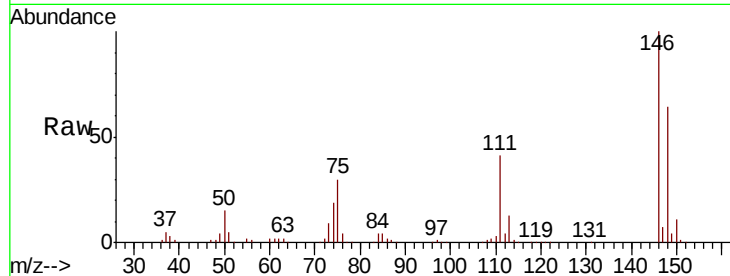
#13
 1,4-Dichlorobenzene
 Concen: 40.464 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	41.5	32.8	49.2

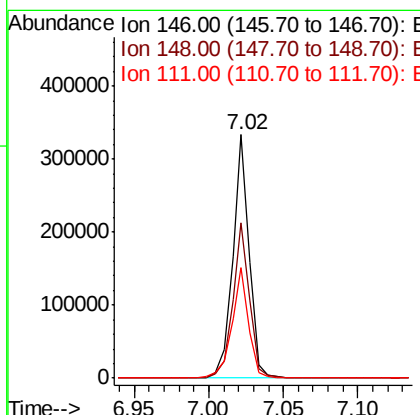
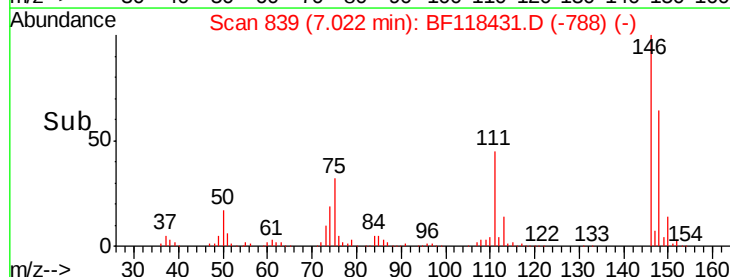
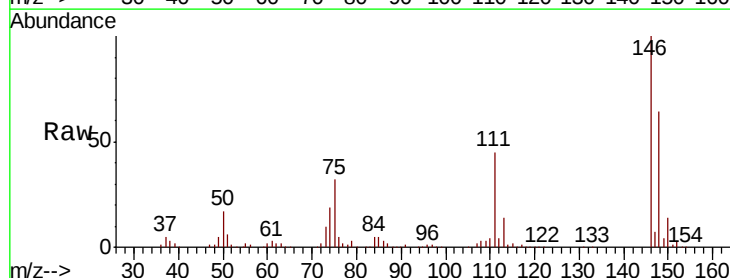
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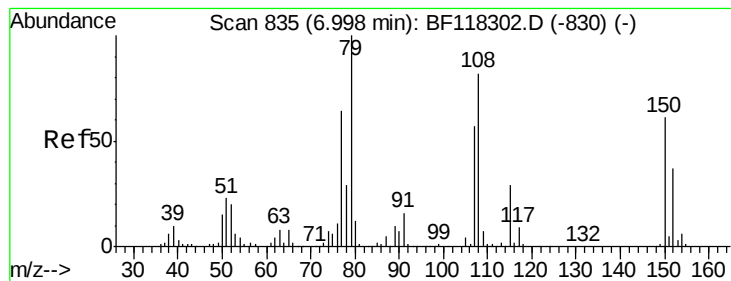
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#14
 1,2-Dichlorobenzene
 Concen: 40.193 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	45.3	35.7	53.5





#15

Benzyl Alcohol

Concen: 42.072 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

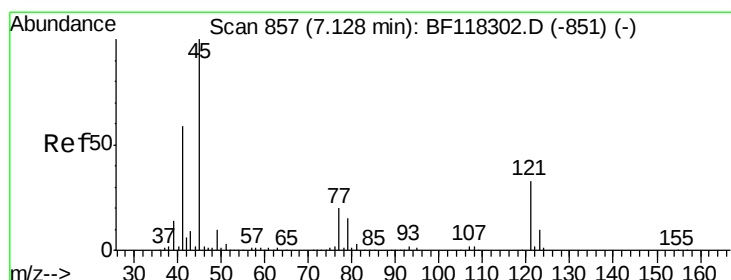
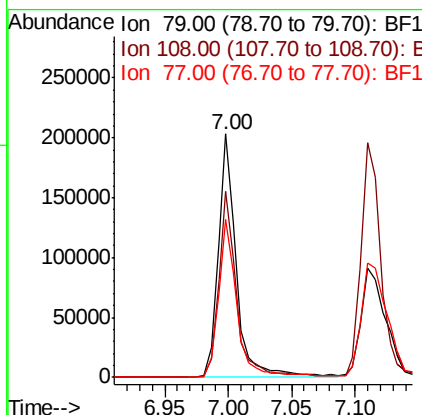
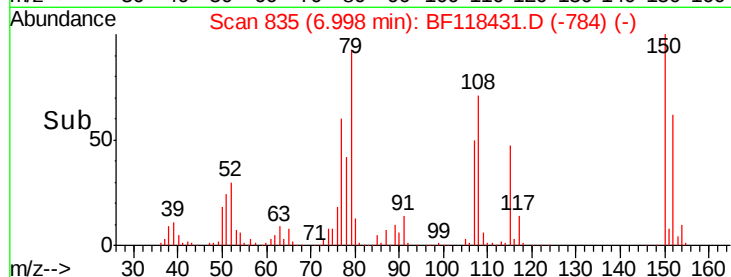
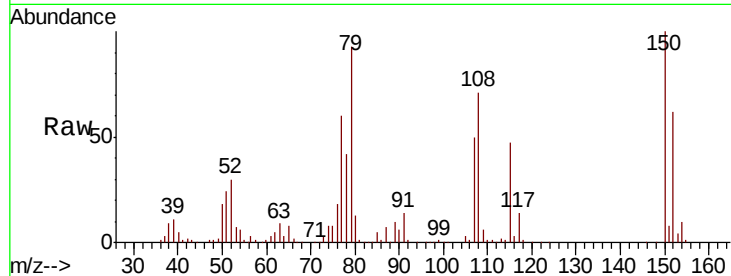
ClientSampleID :

SSTDCCC040

Tot Ion:	79	Resp:	204564
Ion Ratio	Lower	Upper	
79	100		
108	76.6	65.4	98.0
77	64.7	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.773 ng

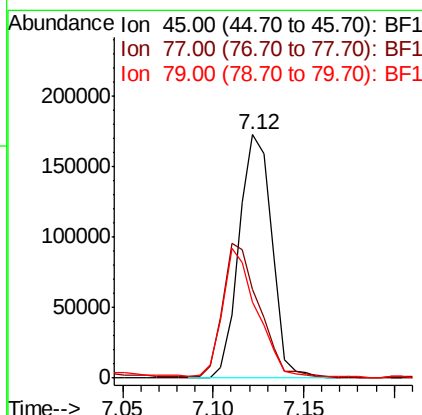
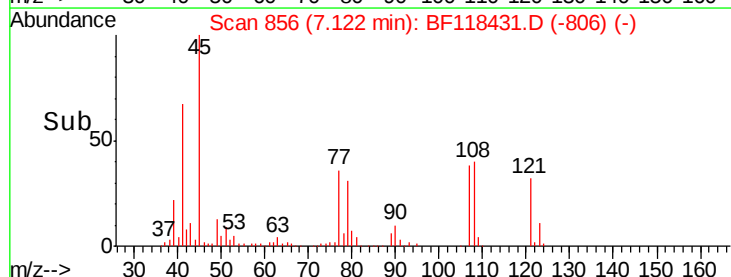
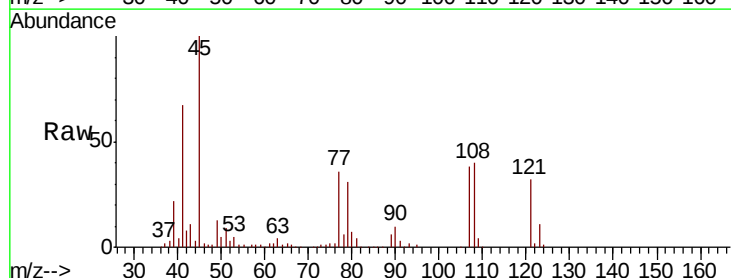
RT: 7.12 min Scan# 856

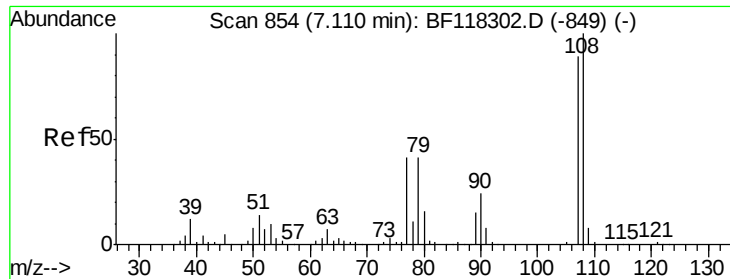
Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:	45	Resp:	217857
Ion Ratio	Lower	Upper	
45	100		
77	36.5	1.2	41.2
79	31.0	0.0	37.0





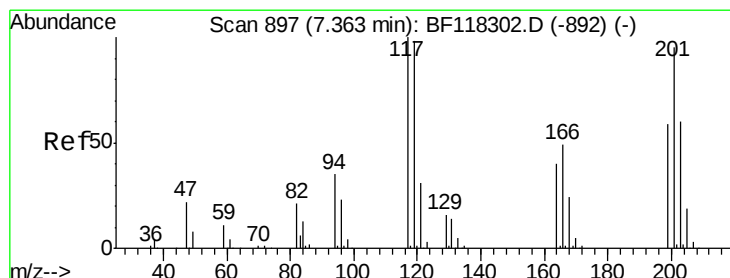
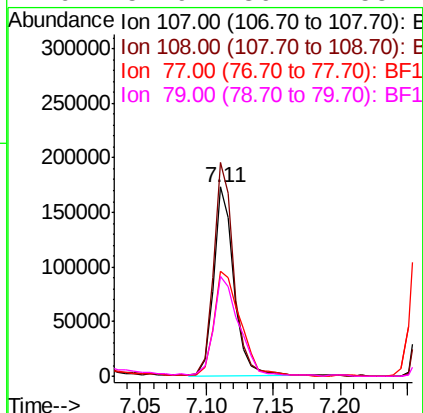
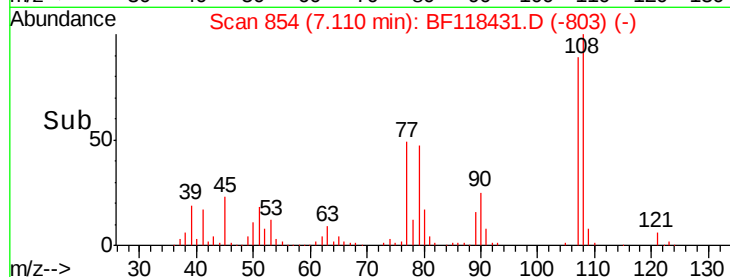
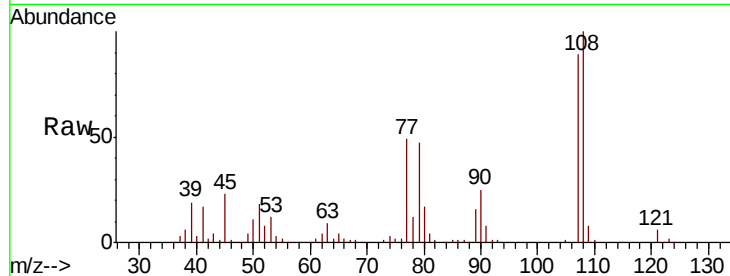
#17
2-Methylphenol
Concen: 39.563 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	185004
Ion Ratio	Lower	Upper	
107	100		
108	112.8	89.7	134.5
77	55.3	37.2	55.8
79	52.9	36.7	55.1

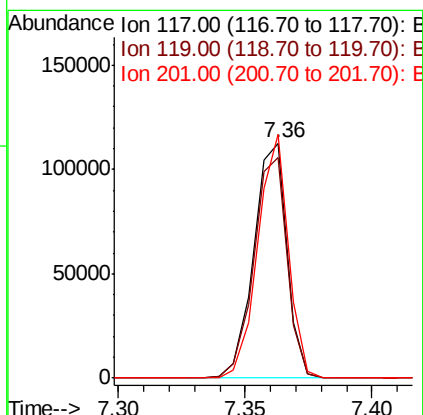
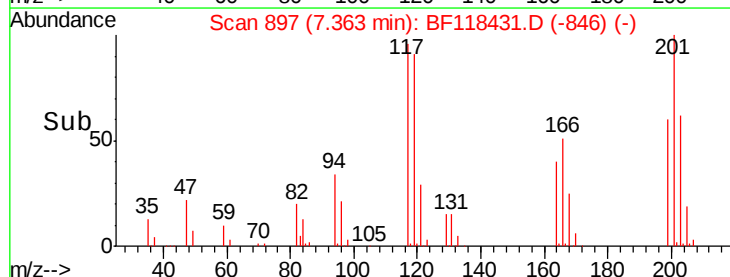
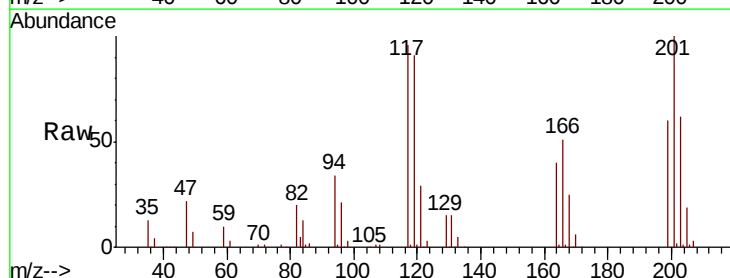
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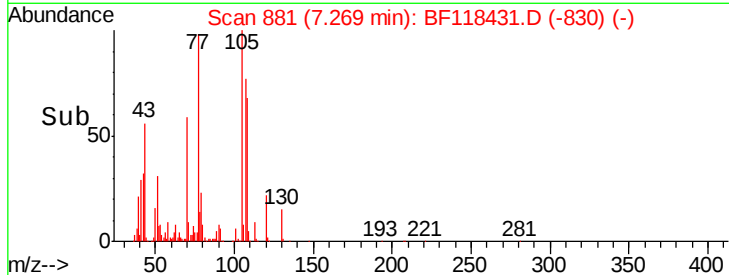
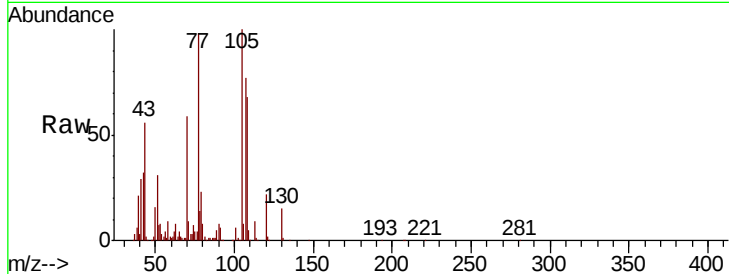
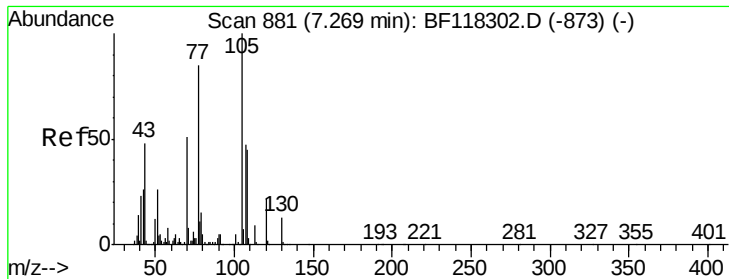
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#18
Hexachloroethane
Concen: 41.124 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion:	117	Resp:	102938
Ion Ratio	Lower	Upper	
117	100		
119	93.9	78.0	117.0
201	103.7	76.2	114.2





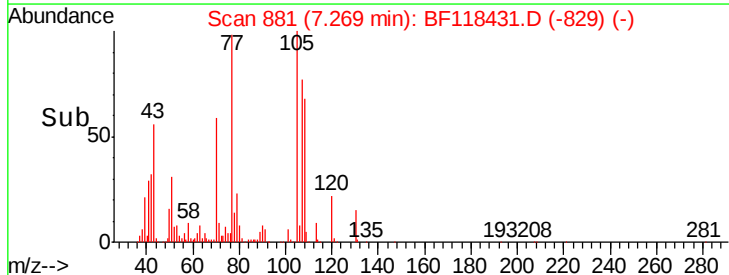
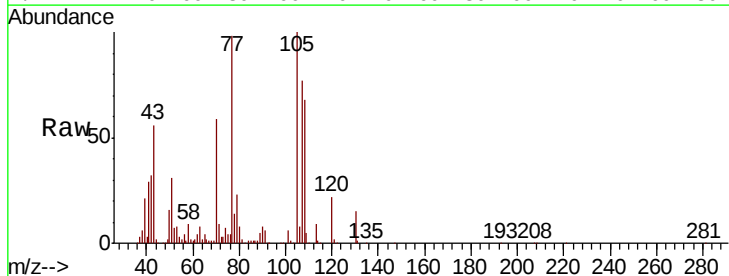
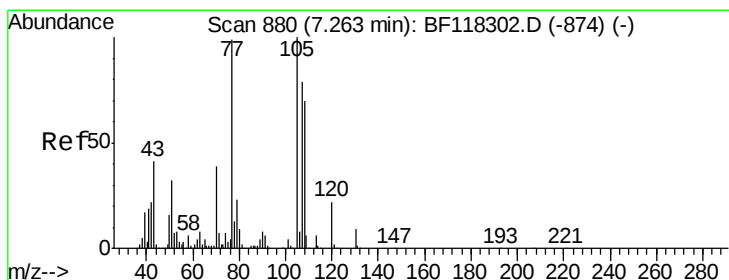
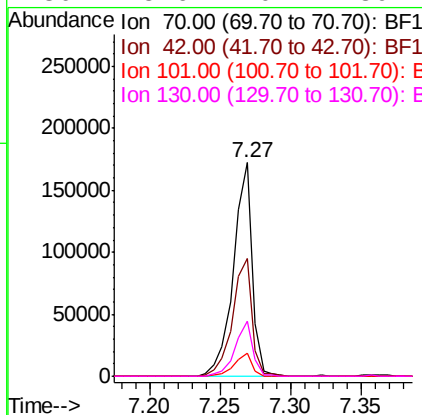
#19
n-Nitroso-di-n-propylamine
Concen: 40.882 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		160831		
42	55.3	41.1	61.7		
101	10.9	8.3	12.5		
130	25.6	20.1	30.1		

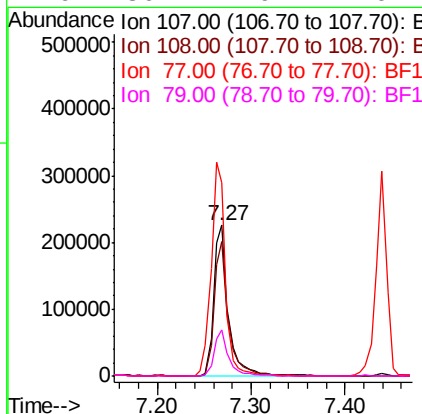
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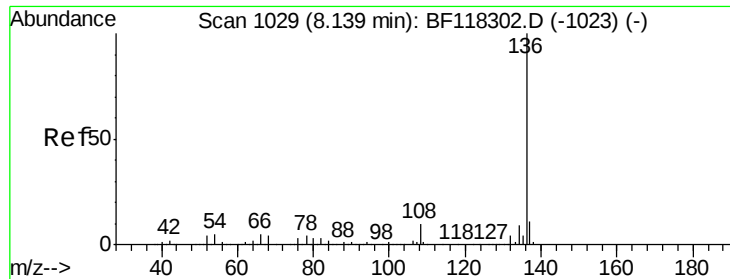
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#20
3+4-Methylphenols
Concen: 41.061 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		245745		
108	89.2	69.3	109.3		
77	128.1	105.9	145.9		
79	30.2	9.2	49.2		





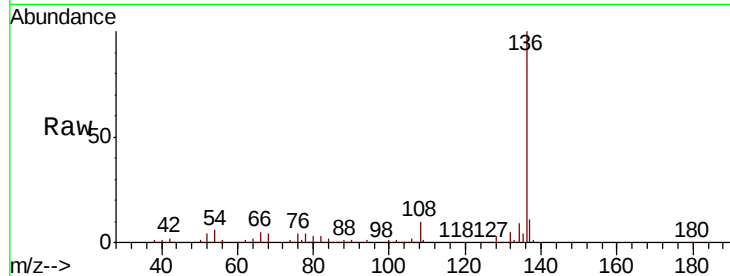
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8		8.9	13.3	
54	5.7		4.2	6.4	
68	4.0		3.5	5.3	

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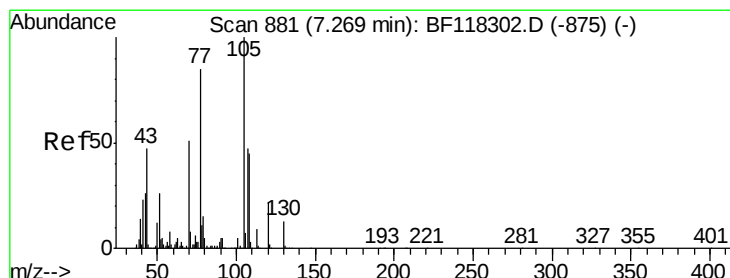
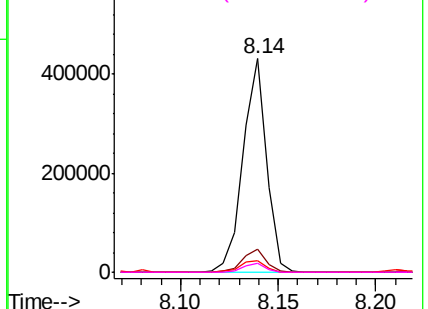
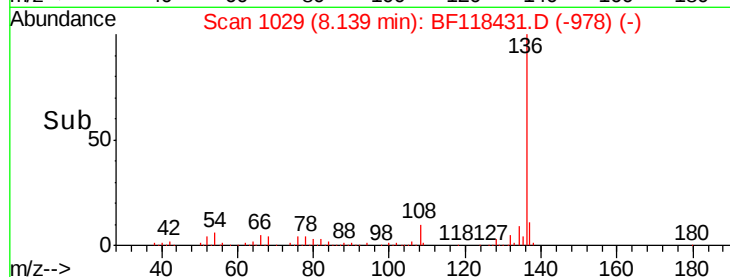
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

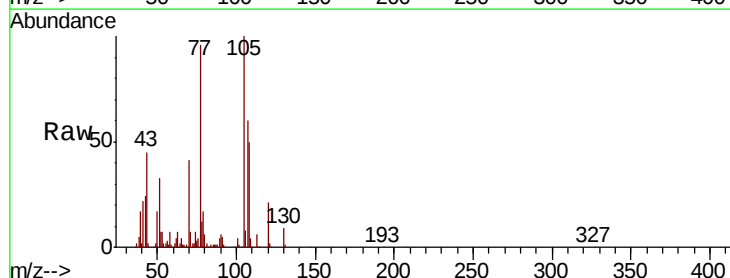
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.078 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	6.7		6.6	9.8	
51	33.2		20.6	30.8	
120	21.2		18.0	27.0	



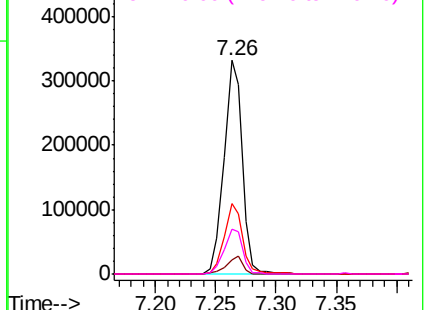
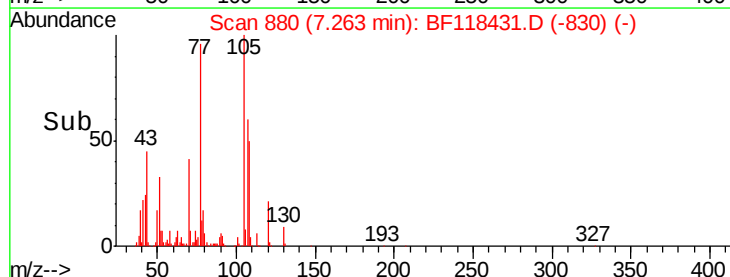
Abundance

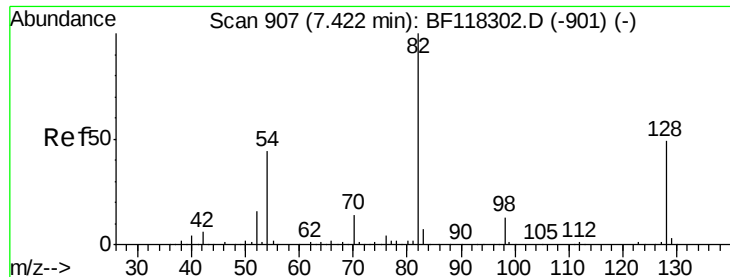
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





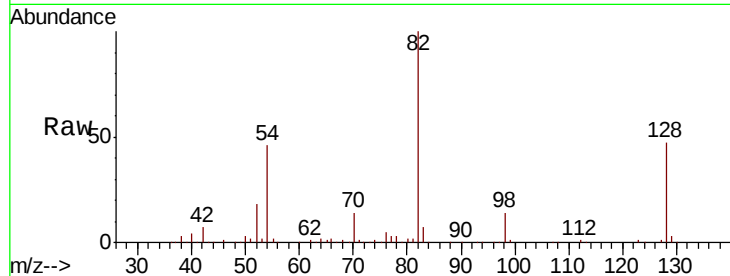
#23
Nitrobenzene-d5
Concen: 77.876 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

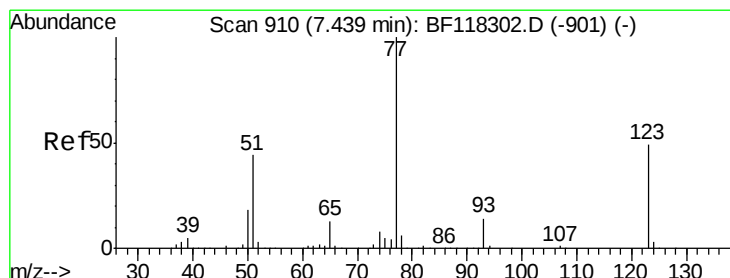
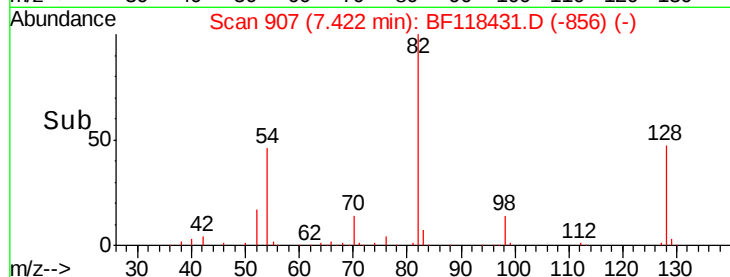
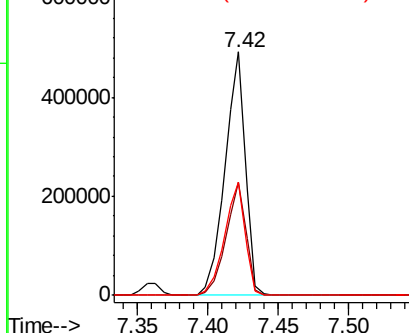
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	39.6	59.4
54	46.3	34.9	52.3

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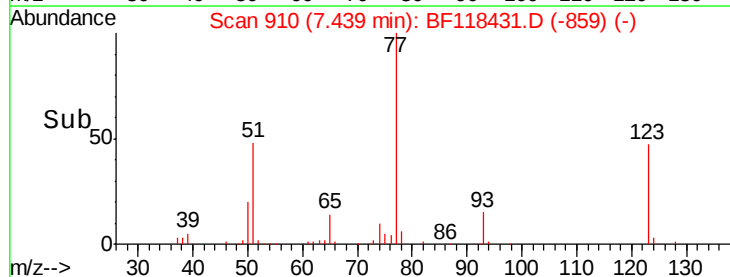
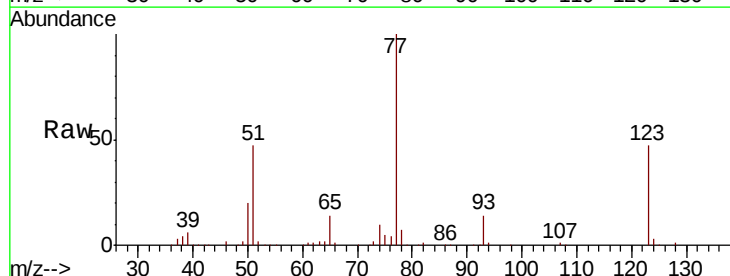
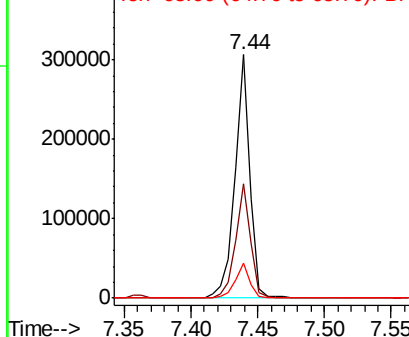
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

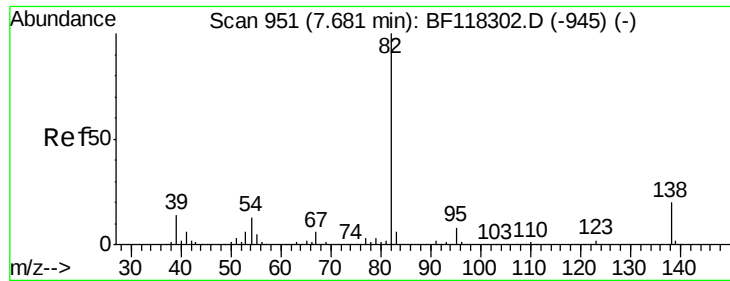


#24
Nitrobenzene
Concen: 38.159 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	39.1	58.7
65	14.2	10.6	16.0

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.019 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

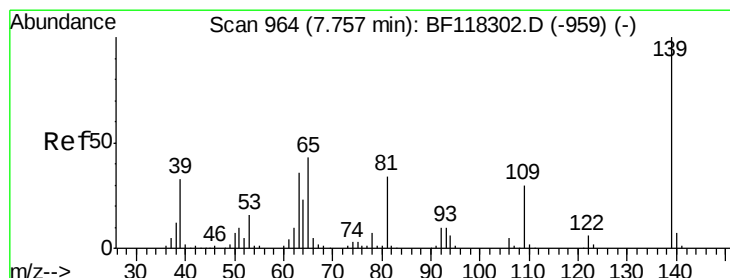
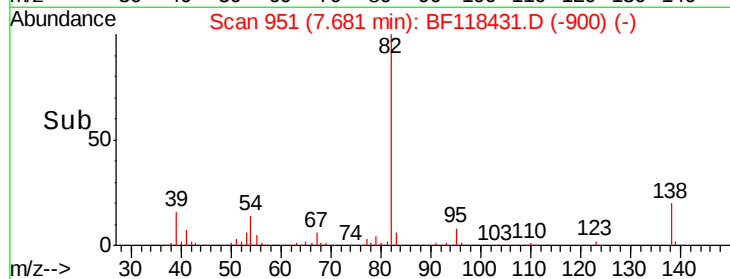
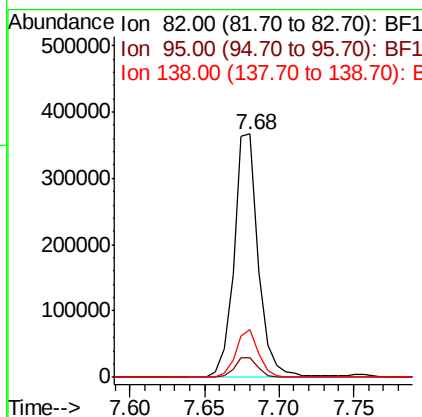
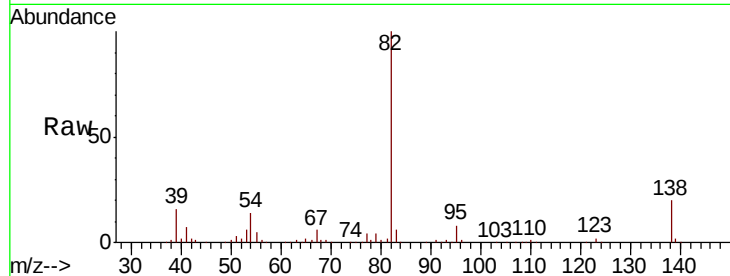
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	418975
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.3	9.5
138	19.7	16.2	24.2

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#26

2-Nitrophenol

Concen: 39.157 ng

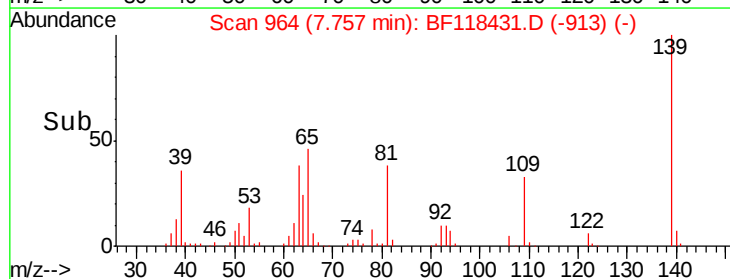
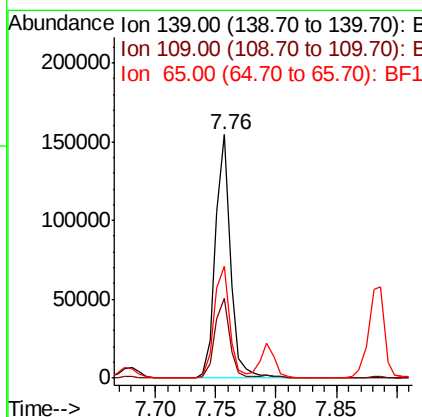
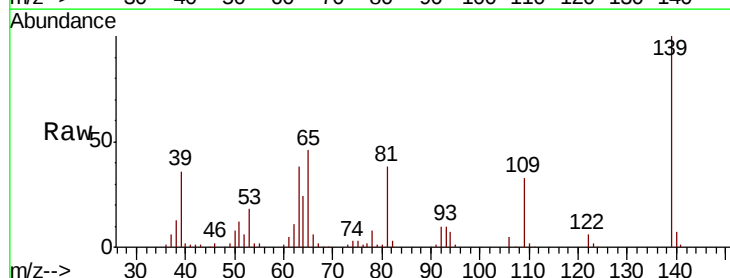
RT: 7.76 min Scan# 964

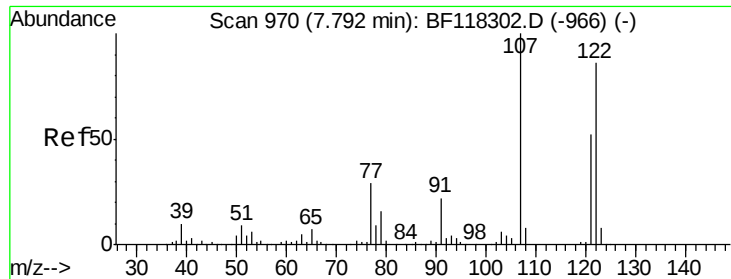
Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:	139	Resp:	131373
Ion Ratio	Lower	Upper	
139	100		
109	32.9	24.1	36.1
65	46.1	34.6	52.0





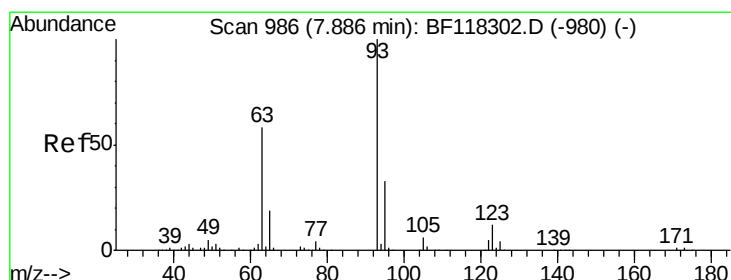
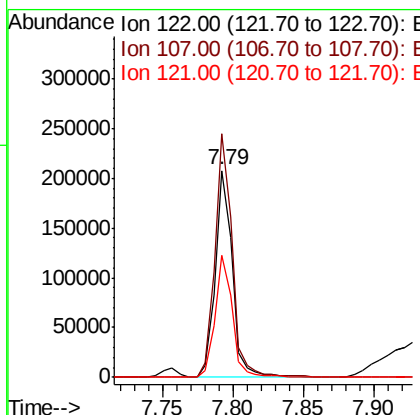
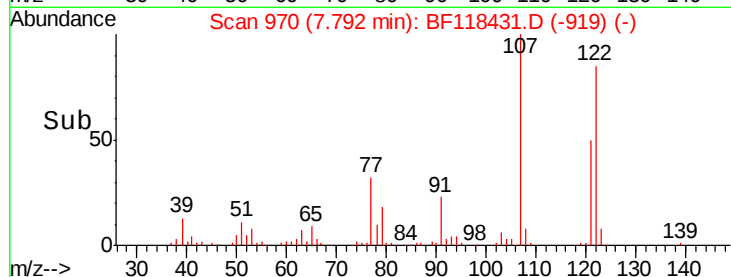
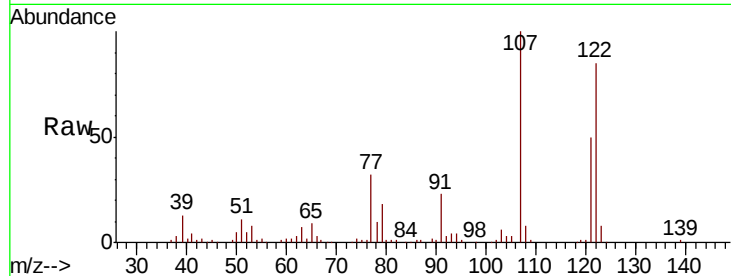
#27
2,4-Dimethylphenol
Concen: 37.918 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.8	92.9	139.3
121	59.0	47.9	71.9

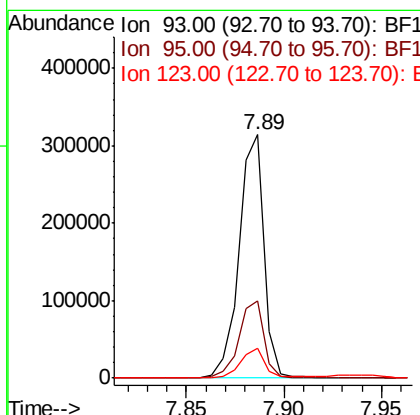
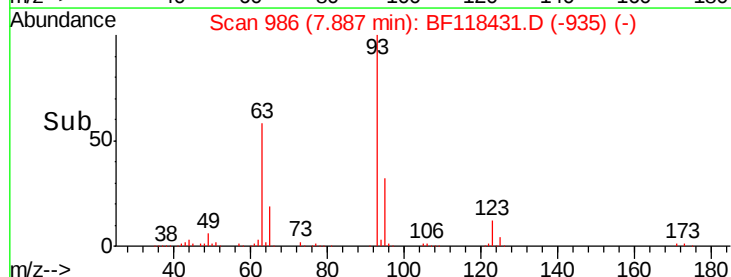
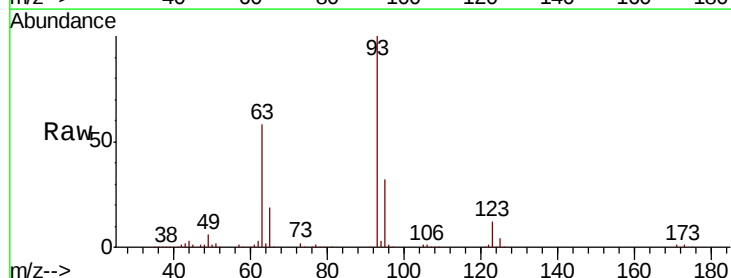
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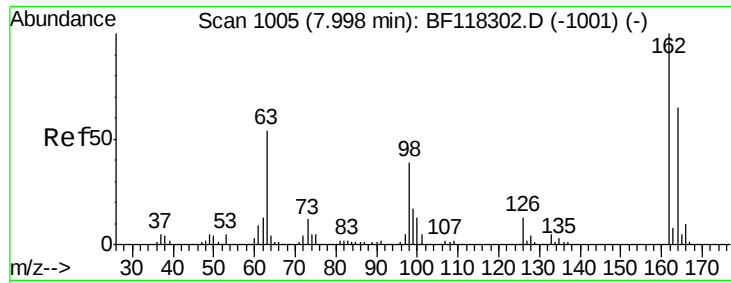
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#28
bis(2-Chloroethoxy)methane
Concen: 38.583 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.4
123	12.3	9.8	14.8





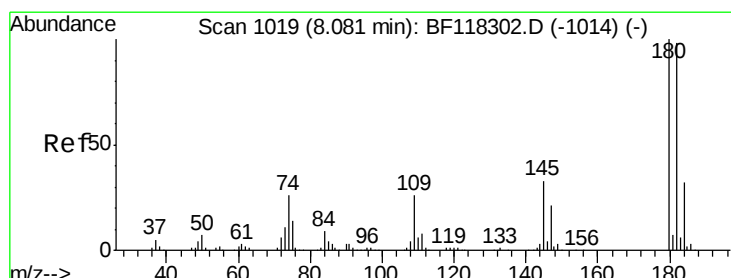
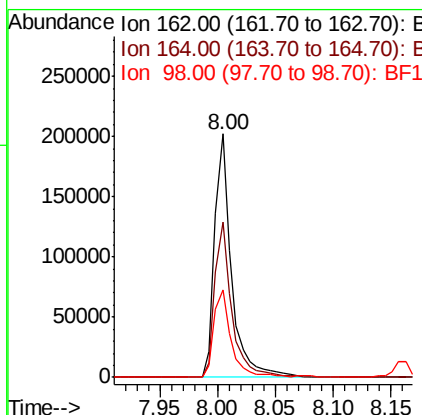
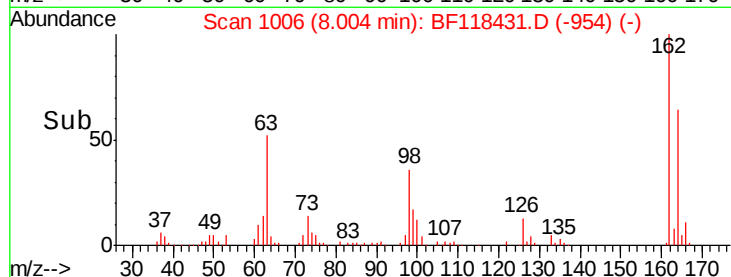
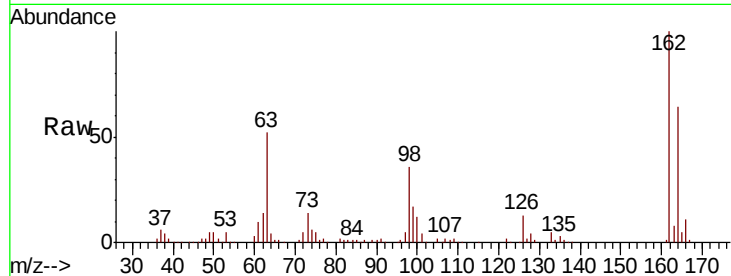
#29
2,4-Dichlorophenol
Concen: 38.762 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	204228		
164	63.6	45.1	85.1	
98	36.1	18.6	58.6	

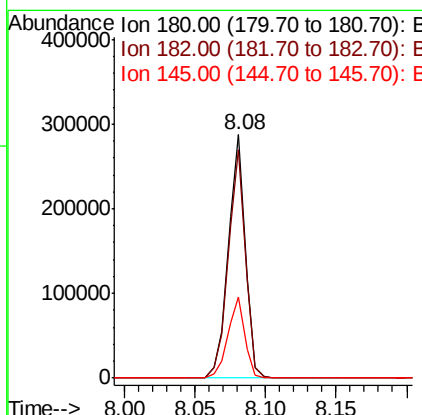
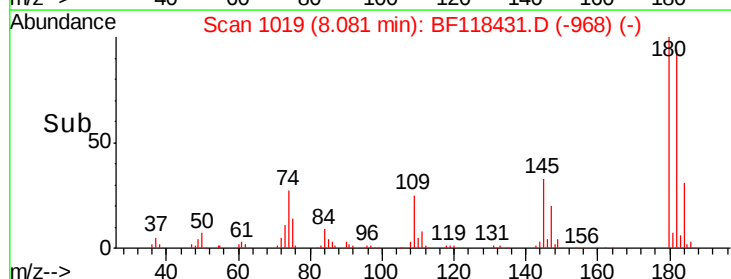
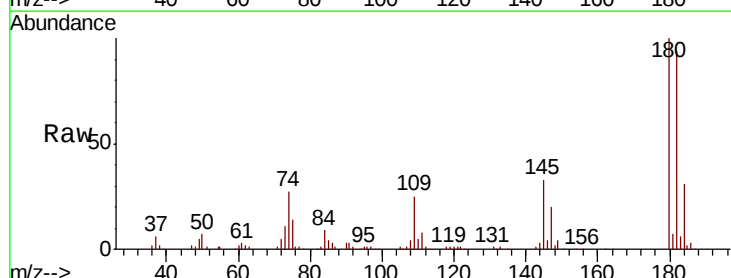
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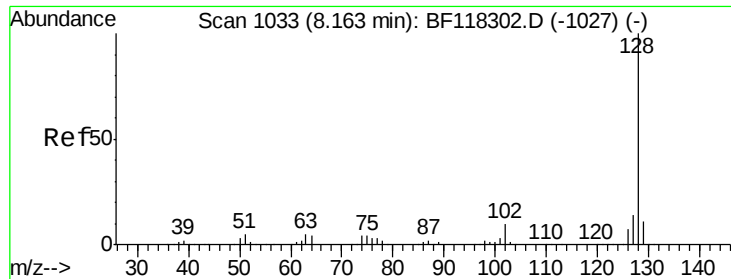
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#30
1,2,4-Trichlorobenzene
Concen: 39.226 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	240754		
182	93.5	78.3	117.5	
145	33.4	26.7	40.1	





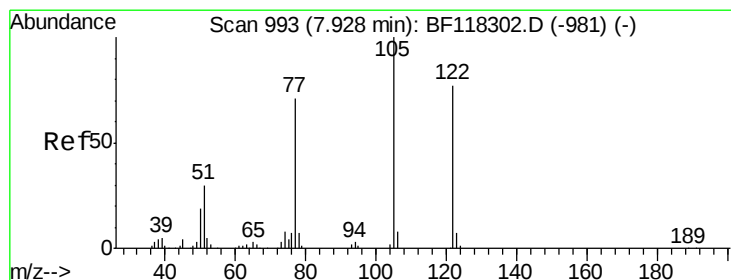
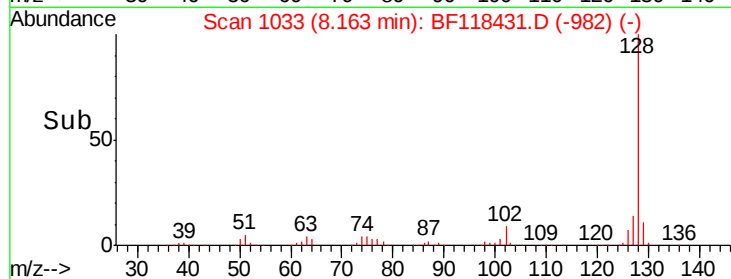
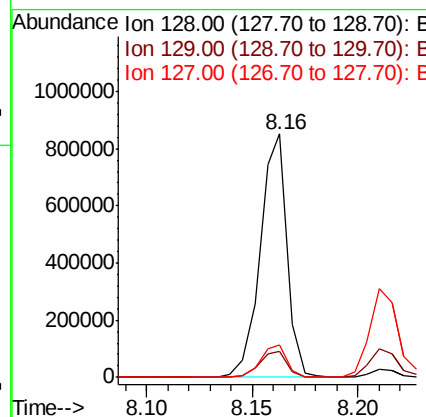
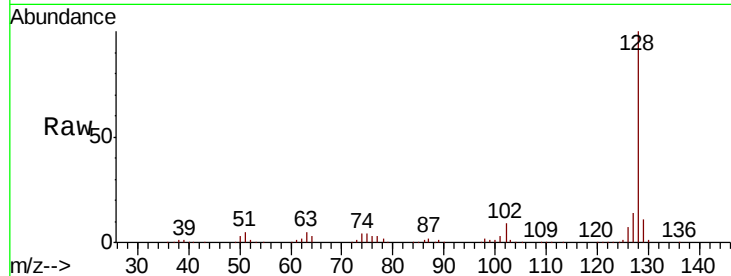
#31
Naphthalene
Concen: 41.035 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.5	11.0	16.4

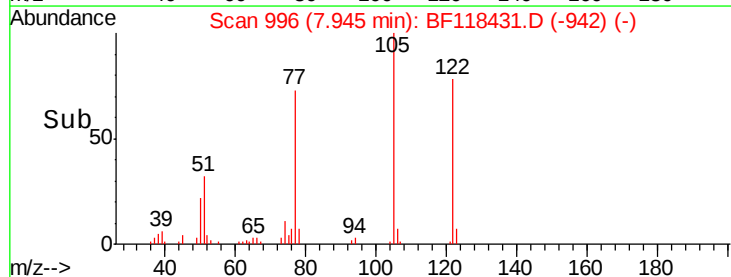
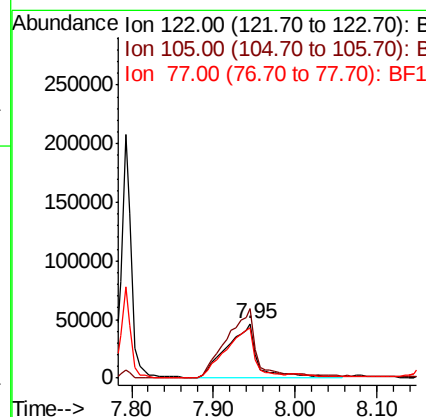
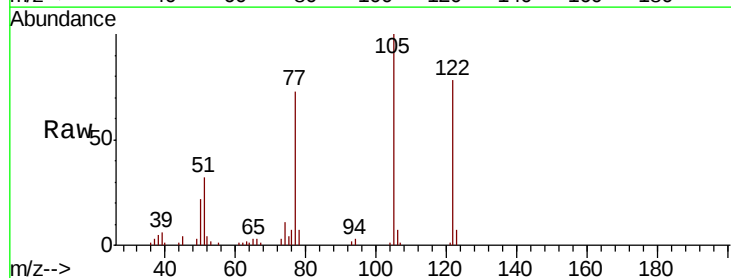
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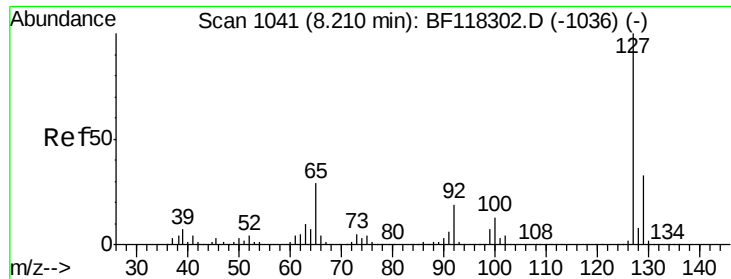
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#32
Benzoic acid
Concen: 33.419 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.0	106.8	146.8
77	93.1	70.4	110.4





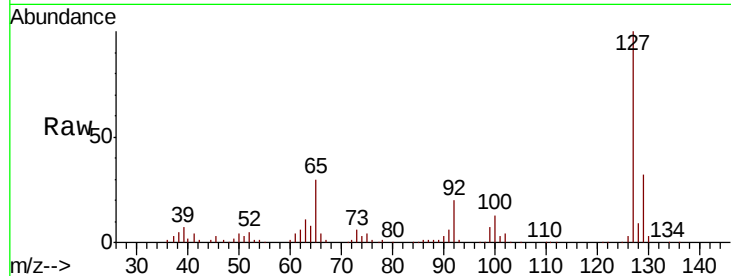
#33
4-Chloroaniline
Concen: 38.716 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

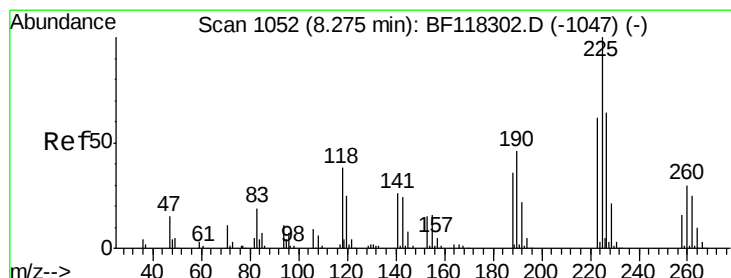
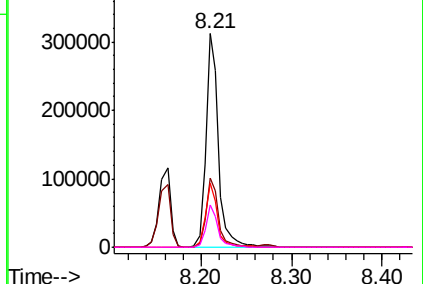
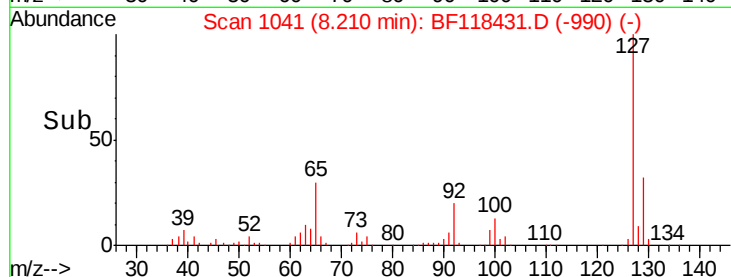
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		305094		
129	32.2	26.5	39.7		
65	30.0	22.8	34.2		
92	19.8	15.5	23.3		

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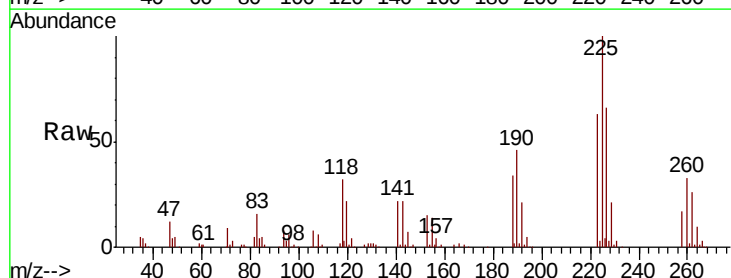


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

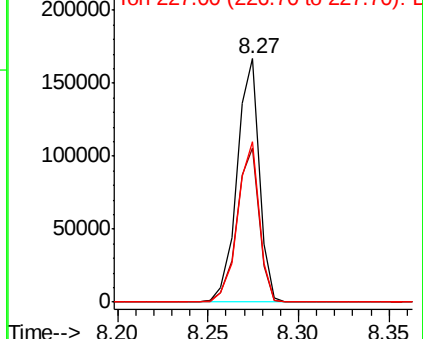
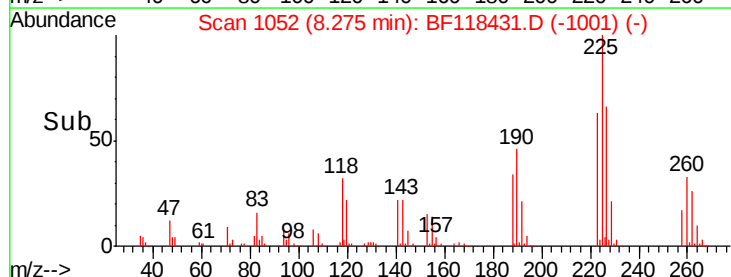


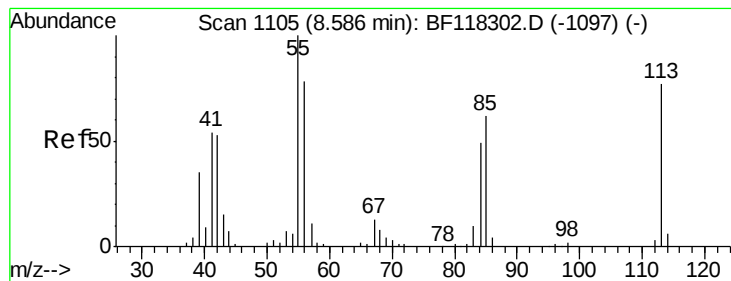
#34
Hexachlorobutadiene
Concen: 38.815 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		141810		
223	63.1	49.5	74.3		
227	65.8	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.198 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

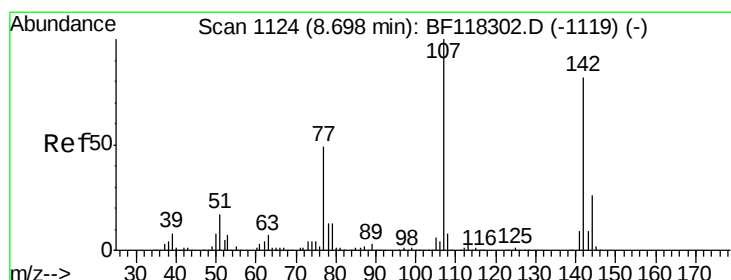
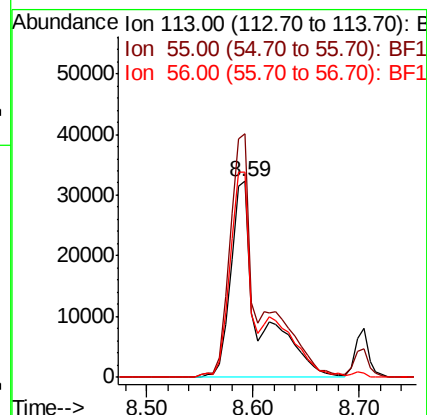
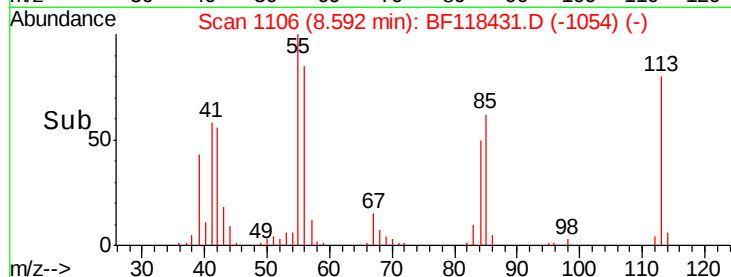
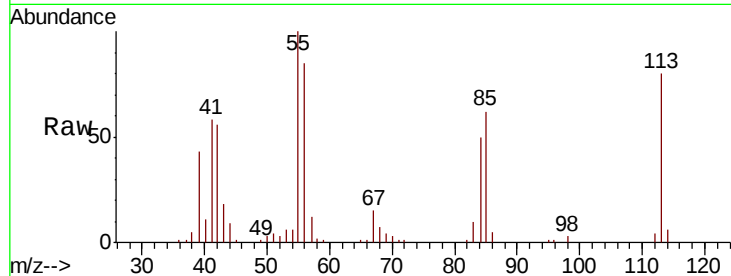
ClientSampleID :

SSTDCCC040

Tot Ion:	113	Resp:	59542
Ion	Ratio	Lower	Upper
113	100		
55	124.4	109.8	149.8
56	105.2	81.7	121.7

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#36

4-Chloro-3-methylphenol

Concen: 38.124 ng/ml

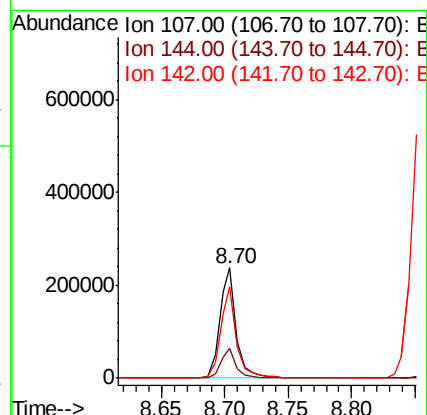
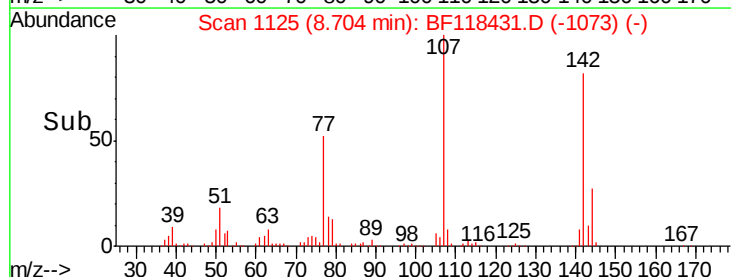
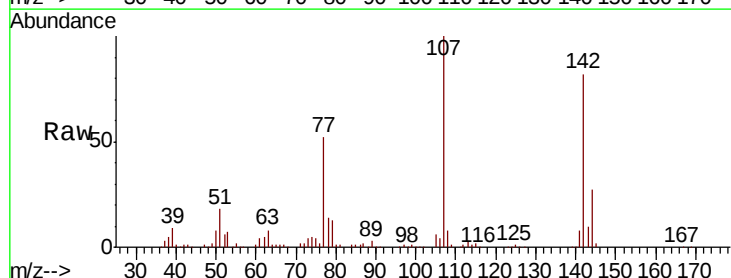
RT: 8.70 min Scan# 1125

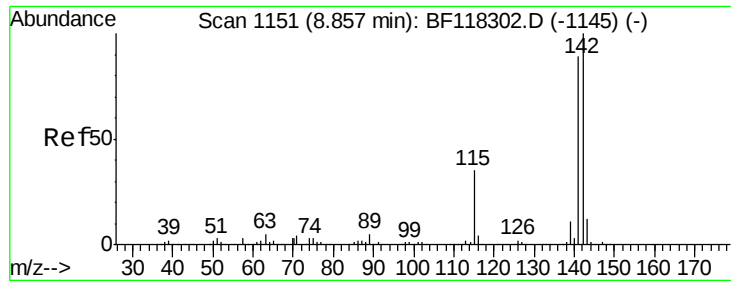
Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:	107	Resp:	215658
Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.2	31.8
142	82.3	65.4	98.2





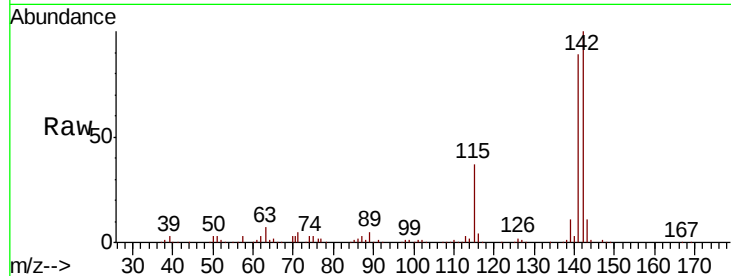
#37
2-Methylnaphthalene
Concen: 37.828 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	36.9	28.0	42.0

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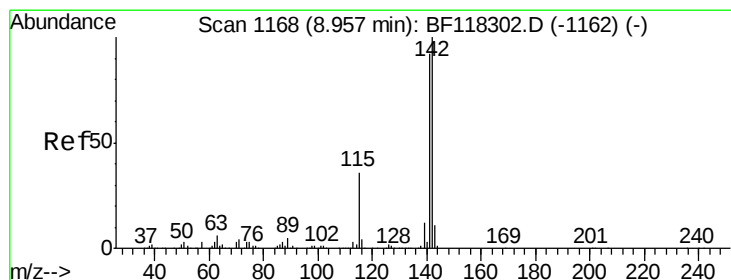
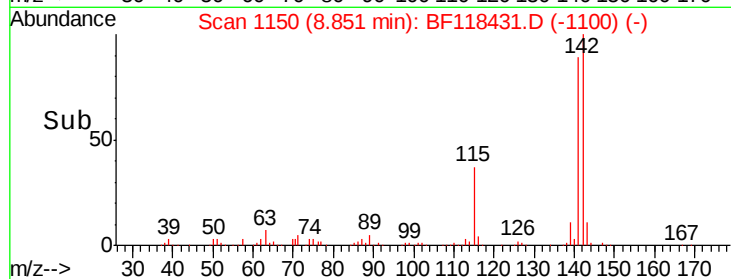
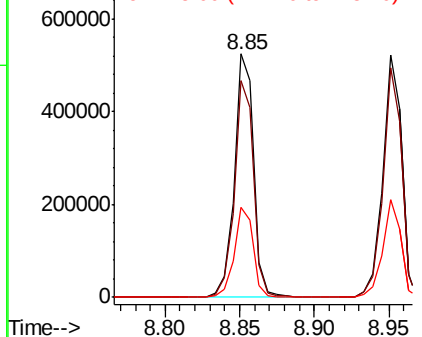


Abundance

Ion 142.00 (141.70 to 142.70): E

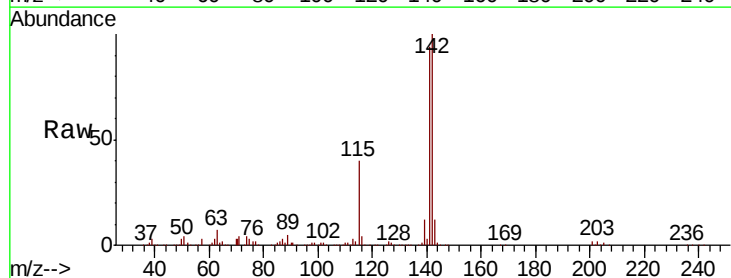
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.848 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.4	110.2
116	4.3	2.9	4.3

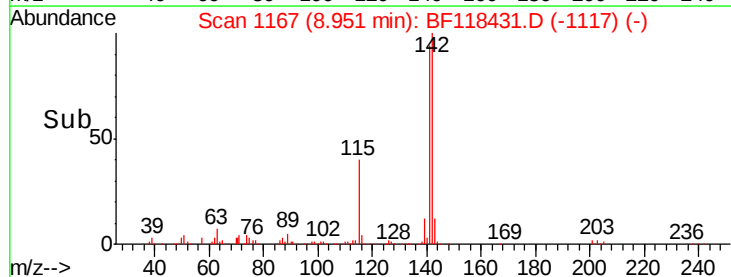
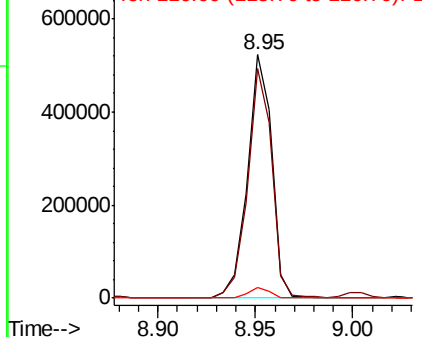


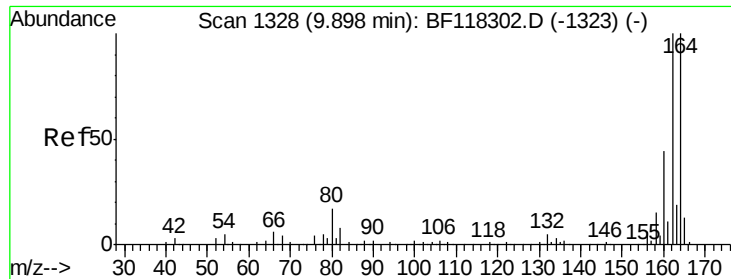
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





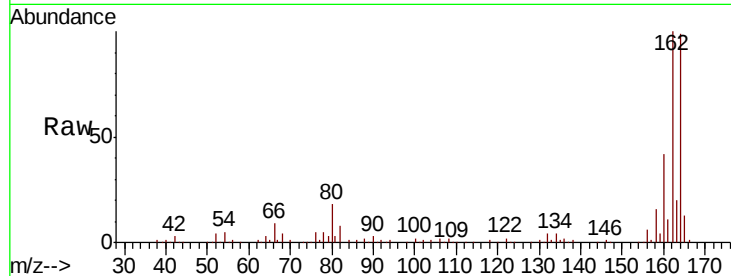
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.0	120.0
160	42.8	34.8	52.2

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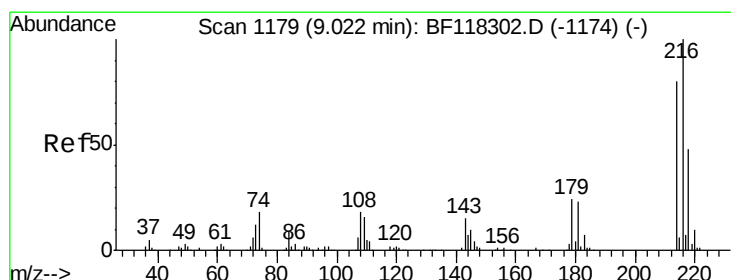
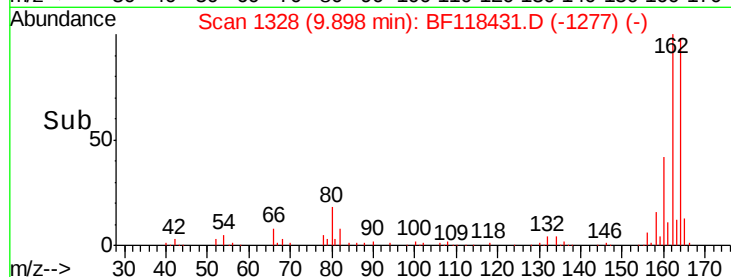
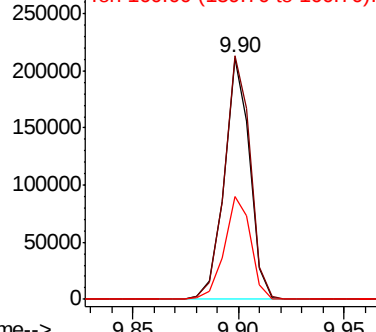


Abundance

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: 41.288 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.3	94.9
179	23.6	18.9	28.3
108	19.8	15.0	22.6

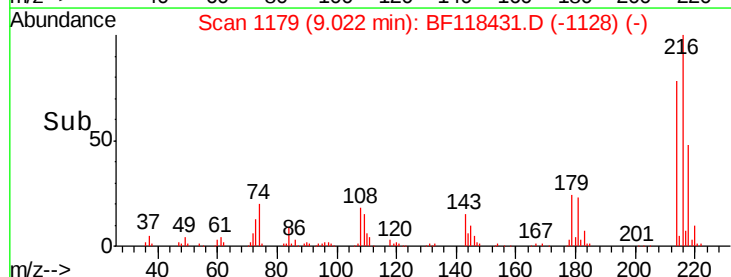
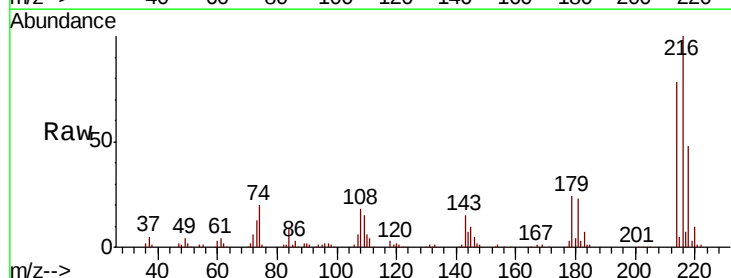
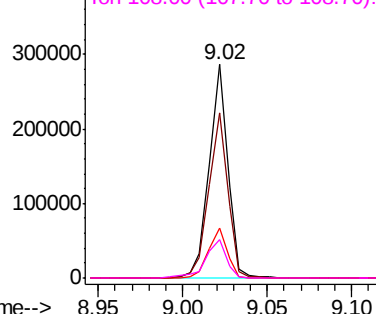
Abundance

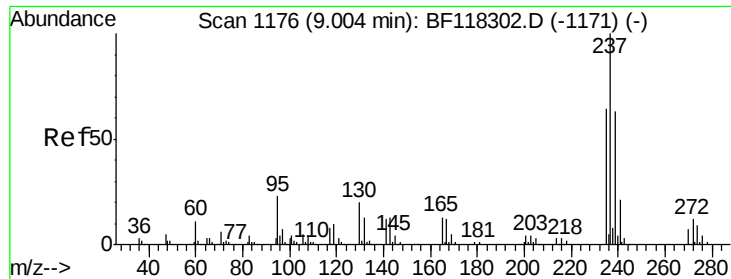
Ion 216.00 (215.70 to 216.70): E

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





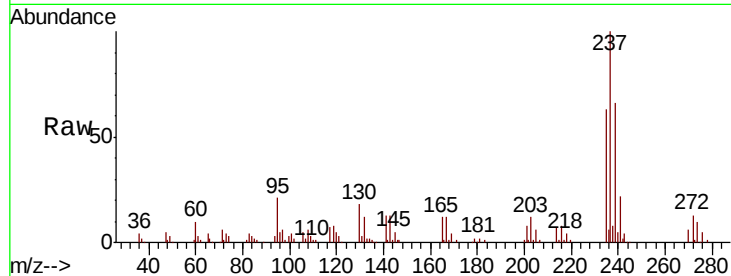
#41
Hexachlorocyclopentadiene
Concen: 35.186 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

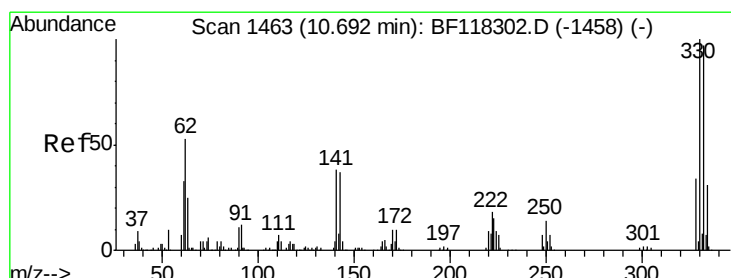
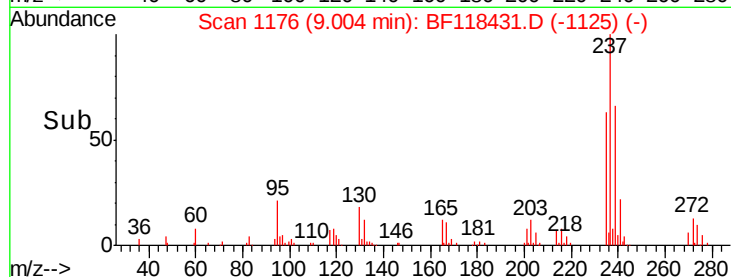
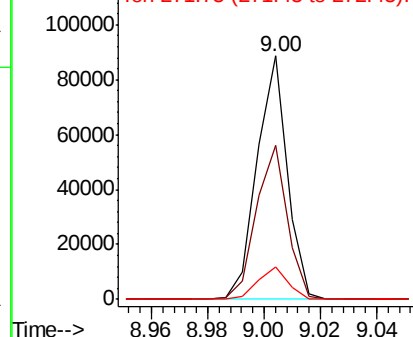
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.8	83.8
272	13.2	0.0	31.7

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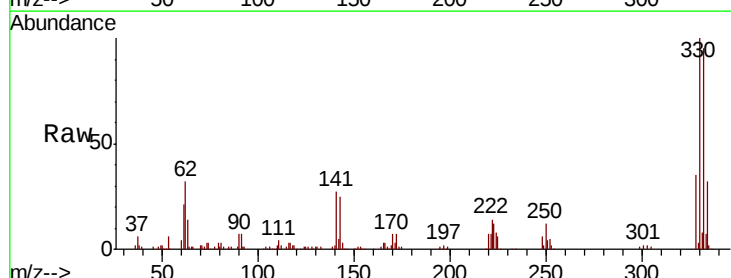


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

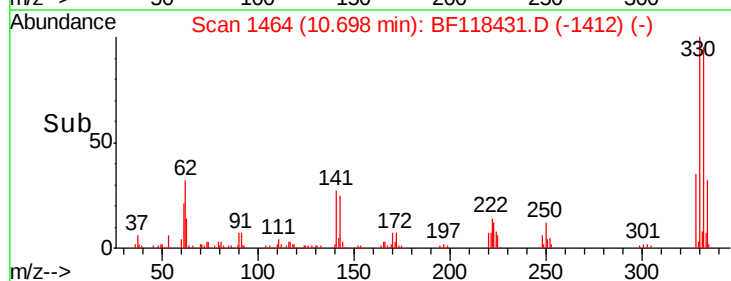
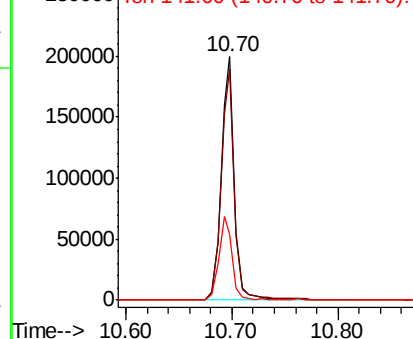


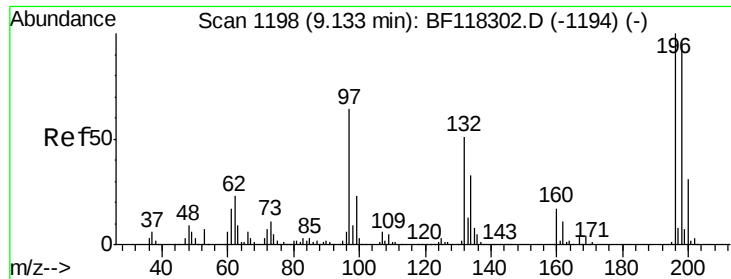
#42
2,4,6-Tribromophenol
Concen: 81.070 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	35.0	26.0	39.0



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





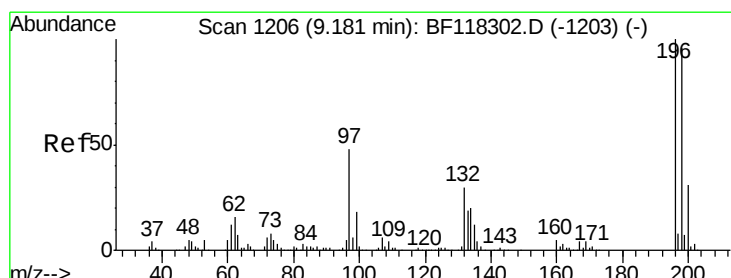
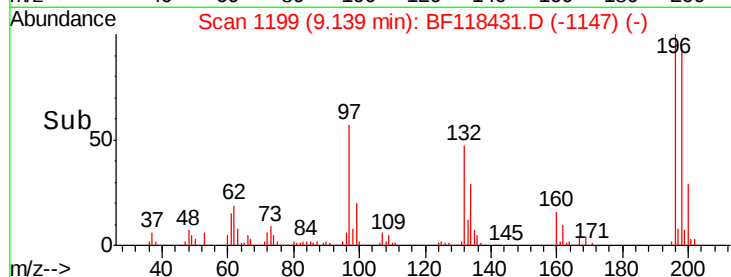
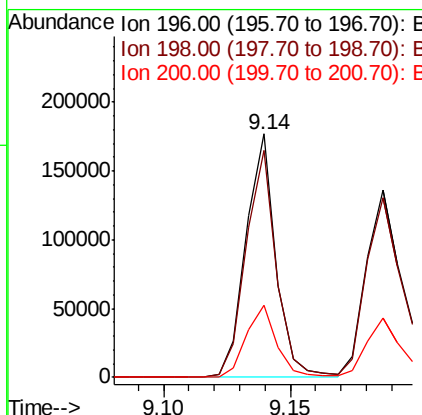
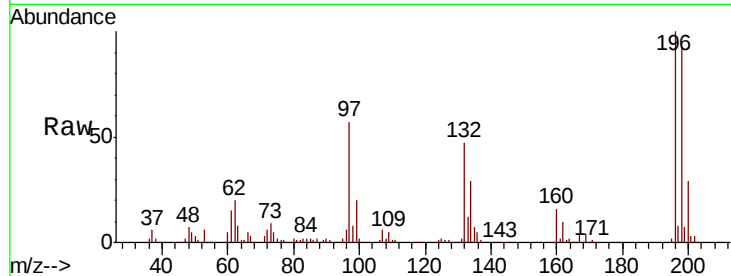
#43
2,4,6-Trichlorophenol
Concen: 40.932 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	145362		
198	93.5	76.7	115.1	
200	29.5	24.8	37.2	

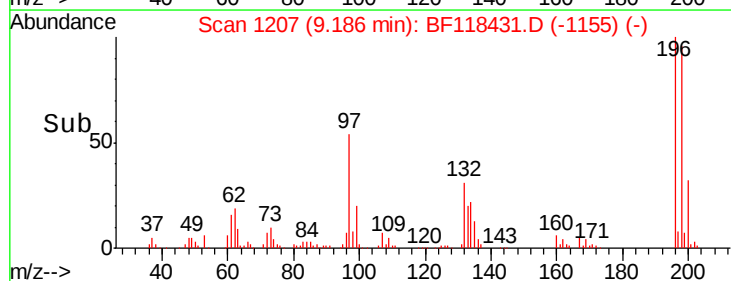
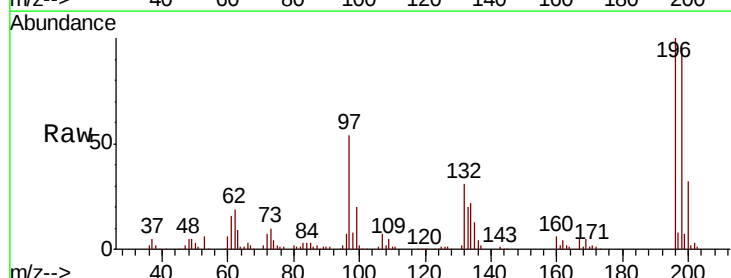
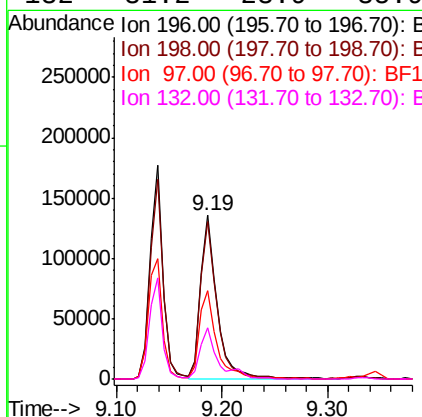
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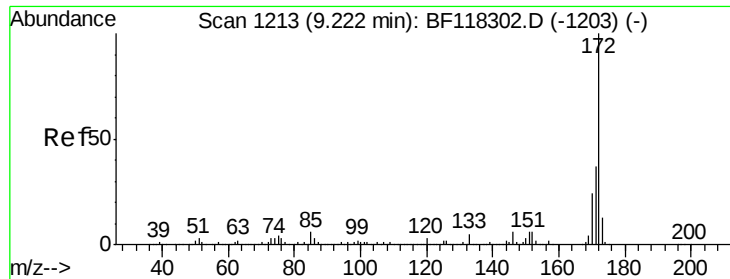
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#44
2,4,5-Trichlorophenol
Concen: 39.969 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	146017		
198	96.2	77.0	115.4	
97	53.8	38.9	58.3	
132	31.2	23.9	35.9	





#45

2-Fluorobiphenyl

Concen: 88.391 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 1024465

Ion Ratio Lower Upper

172 100

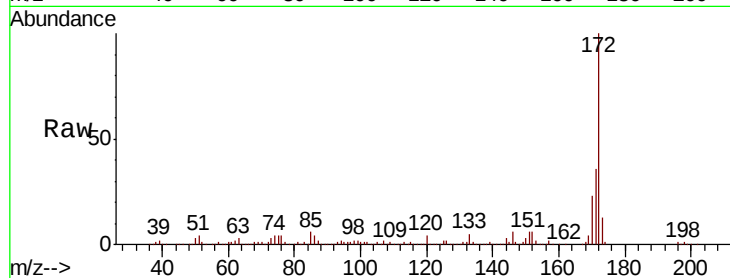
171 35.8 29.3 43.9

170 23.0 19.2 28.8

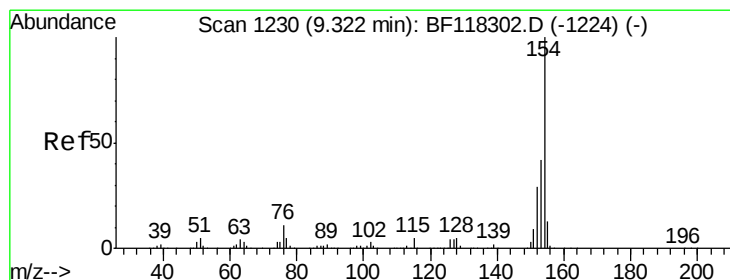
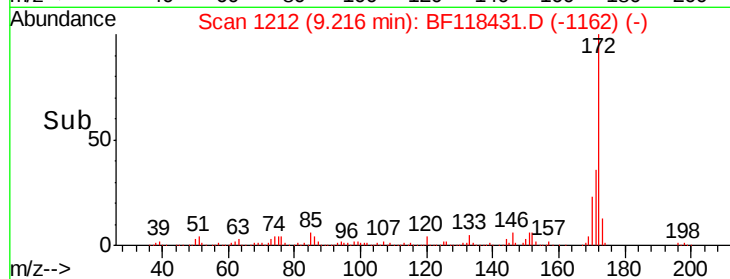
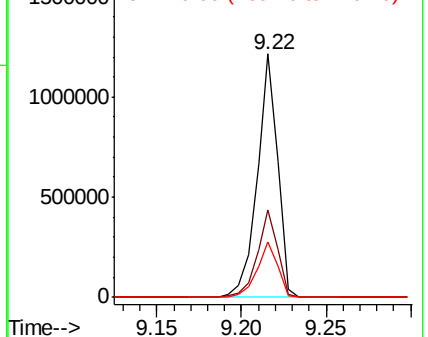
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 44.583 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

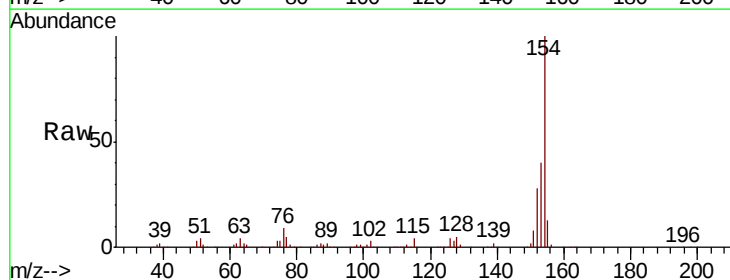
Tgt Ion:154 Resp: 623869

Ion Ratio Lower Upper

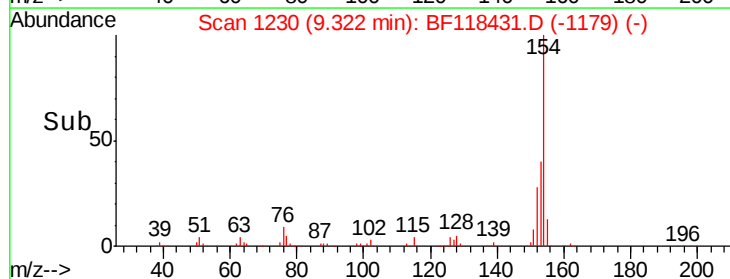
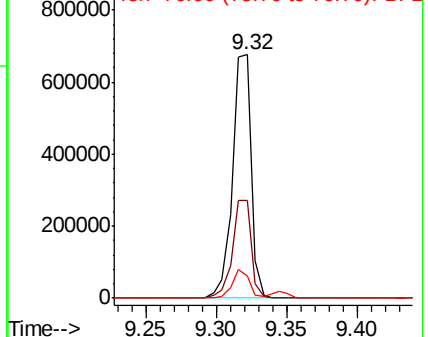
154 100

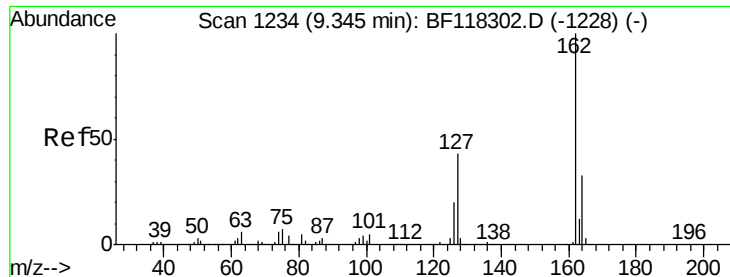
153 40.3 21.8 61.8

76 9.3 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





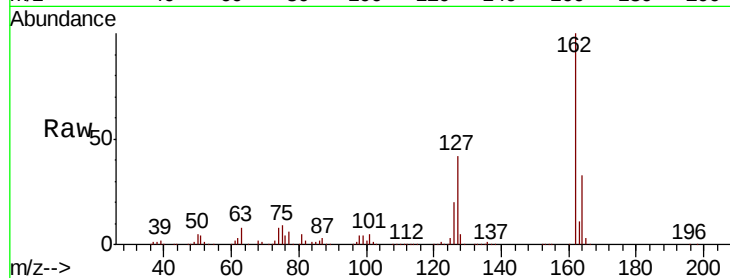
#47
2-Chloronaphthalene
Concen: 44.479 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.4	35.0	52.4	
164	33.5	26.6	40.0	

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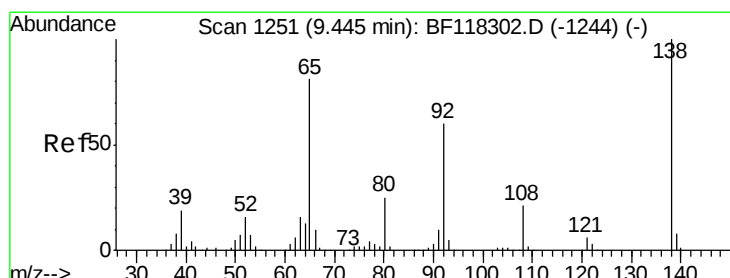
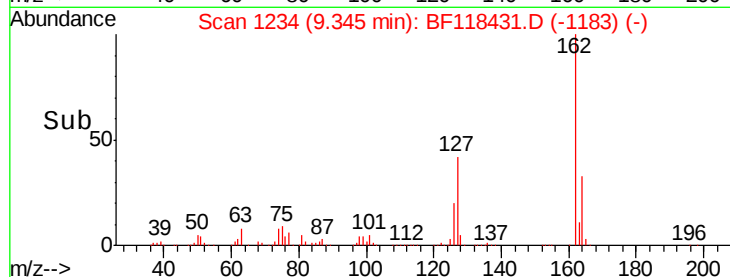
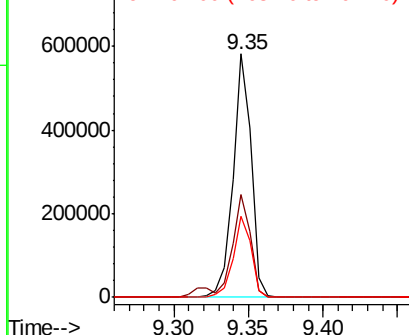


Abundance

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: 44.688 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

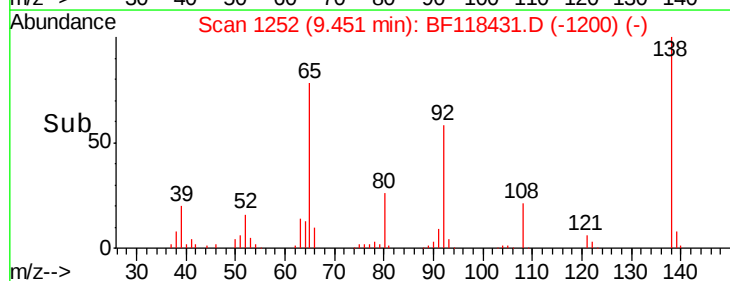
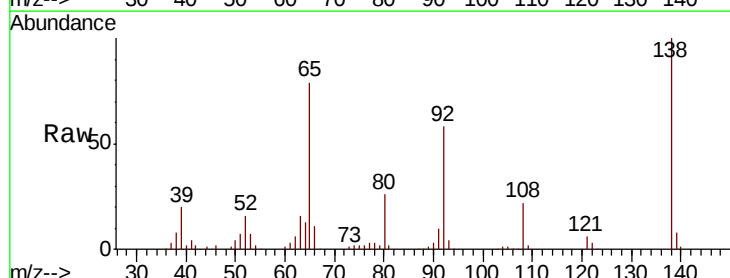
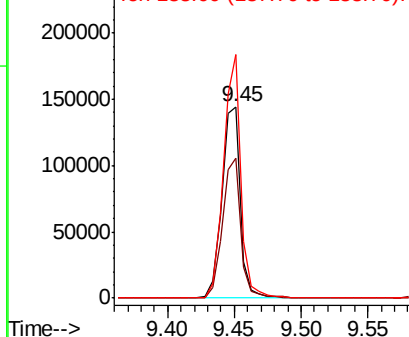
Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.3	58.7	88.1	
138	127.2	98.5	147.7	

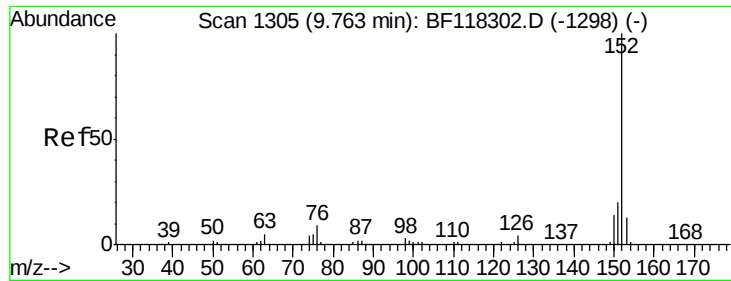
Abundance

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: 42.290 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

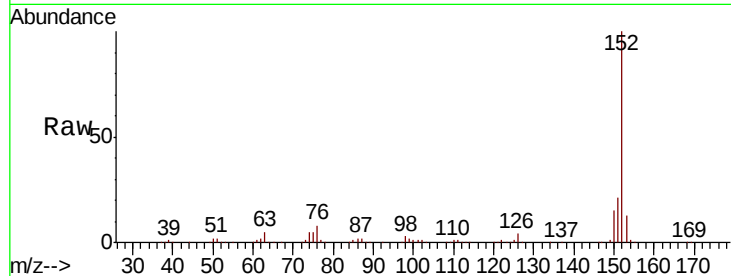
ClientSampleId :

SSTDCCC040

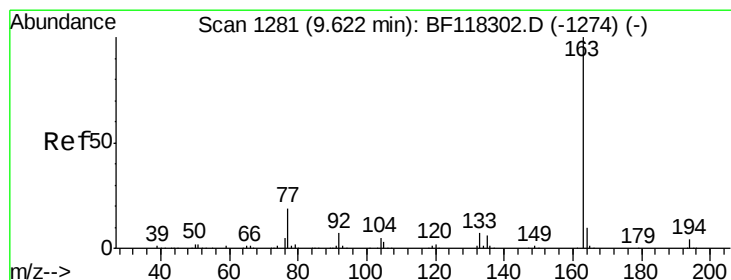
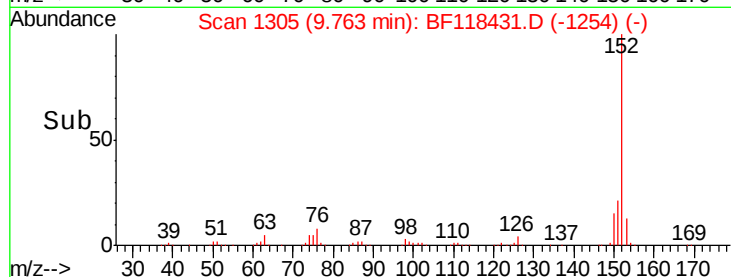
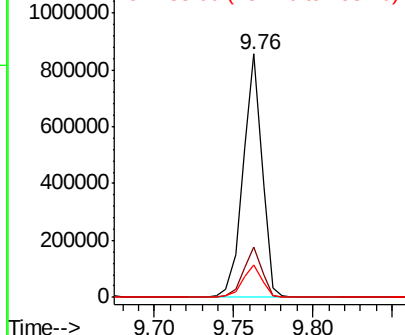
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	13.1	10.5	15.7

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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: 42.187 ng

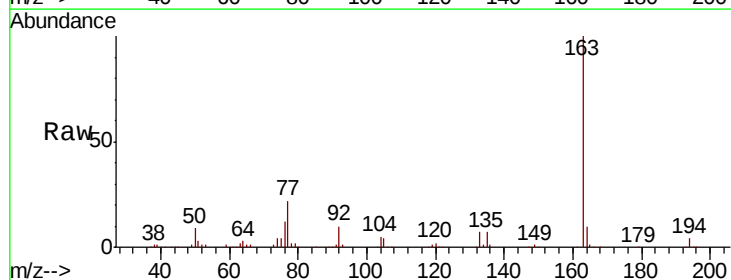
RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

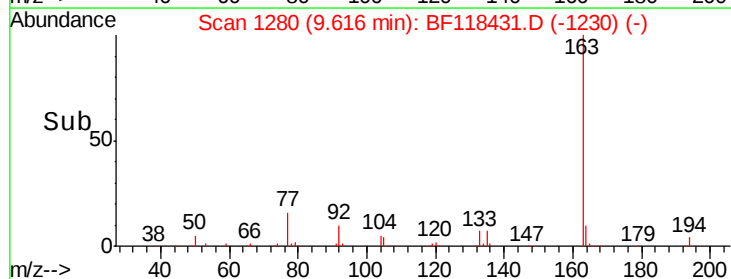
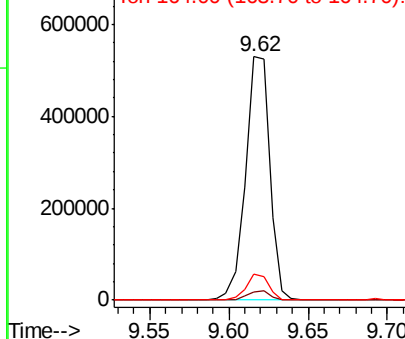
Lab File: BF118431.D

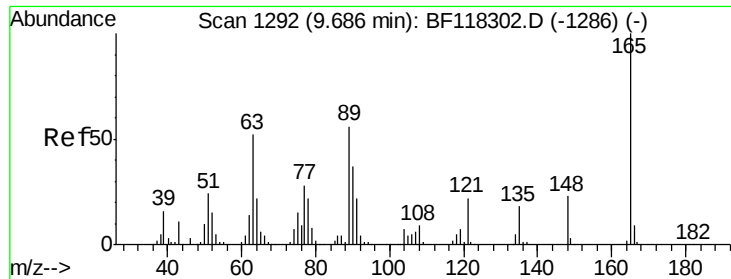
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.4	7.9	11.9



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





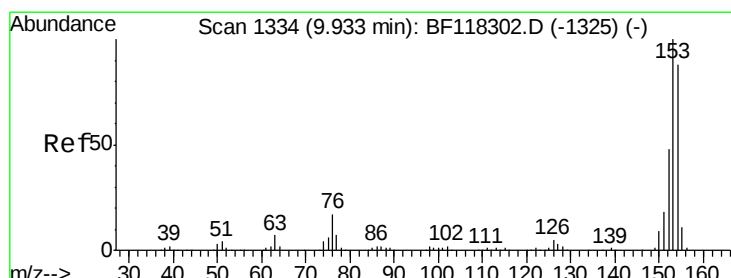
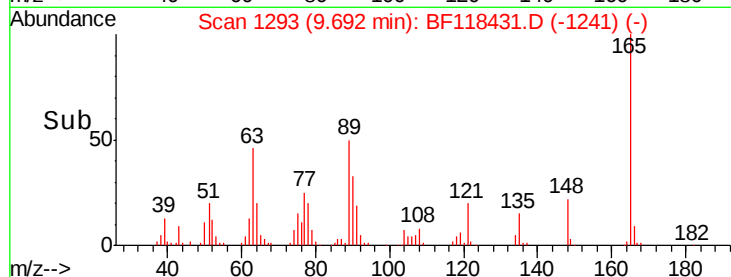
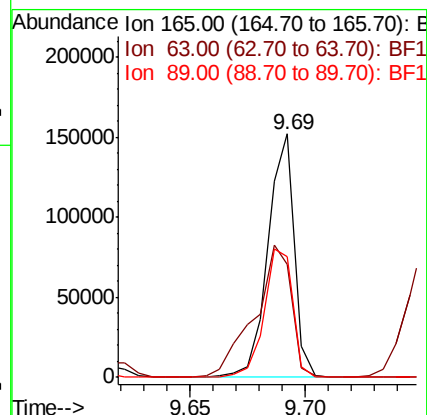
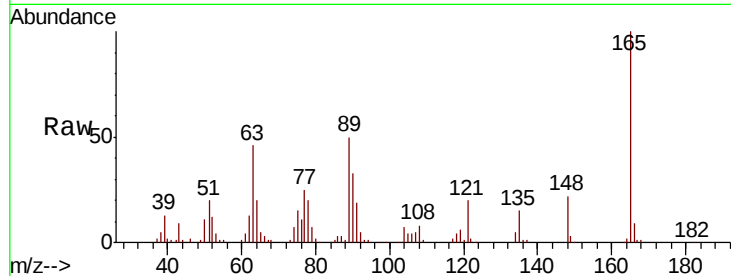
#51
2,6-Dinitrotoluene
Concen: 42.080 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	42.2	63.4
89	49.7	44.4	66.6

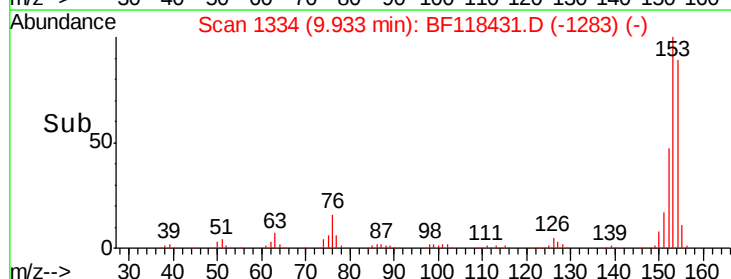
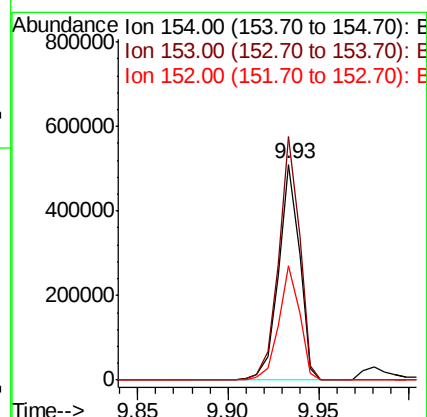
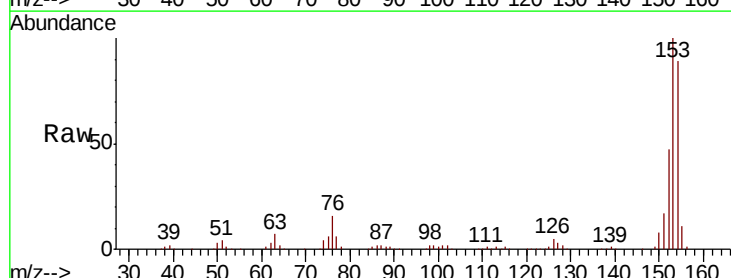
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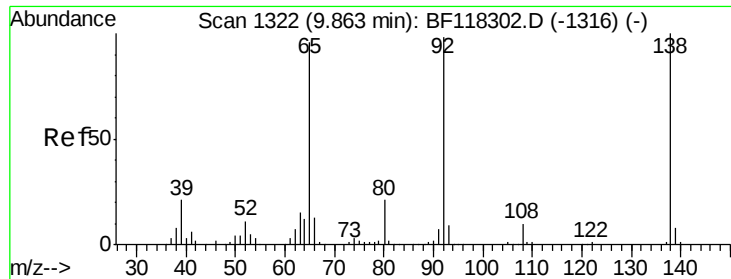
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#52
Acenaphthene
Concen: 40.305 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	136.0
152	52.8	43.1	64.7





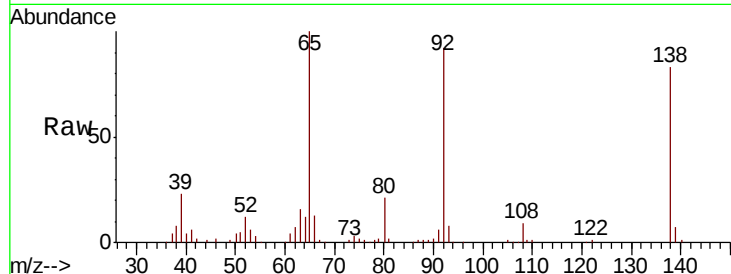
#53
3-Nitroaniline
Concen: 39.433 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	7.8	11.8
92	111.3	78.2	117.2

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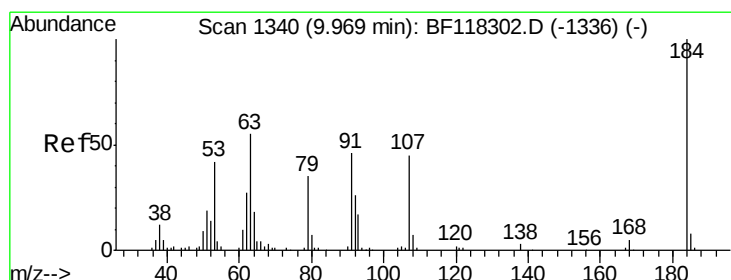
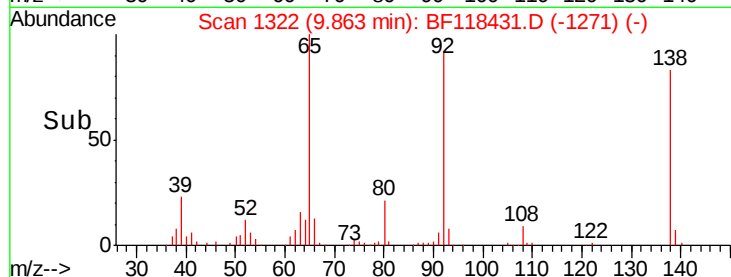
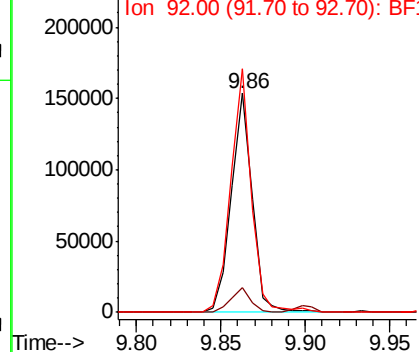


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 44.441 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

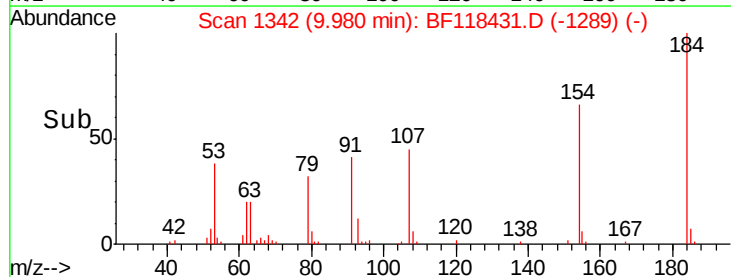
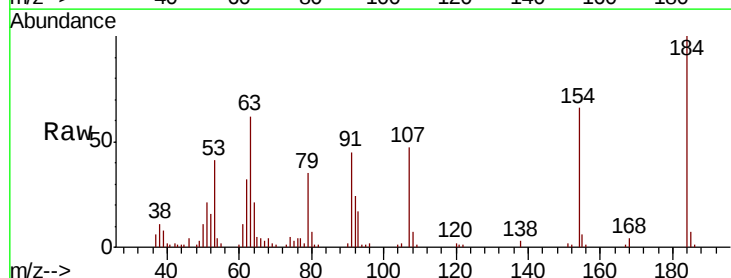
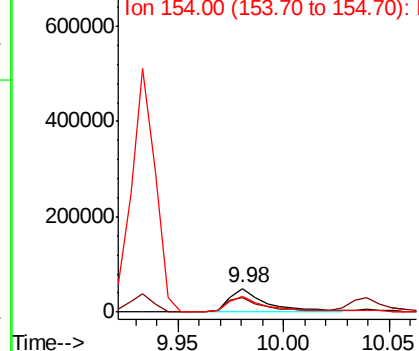
Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.5	48.8	73.2
154	66.1	55.0	82.4

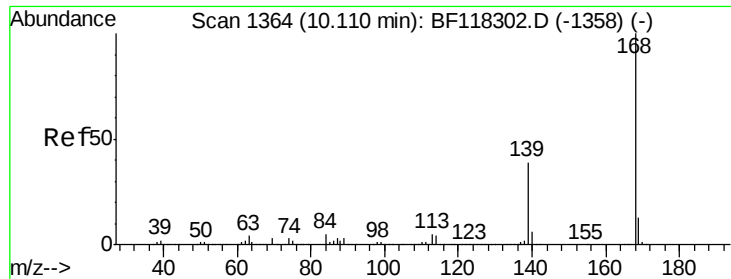
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





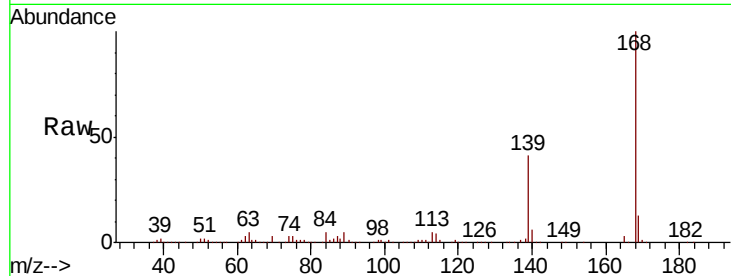
#55
Dibenzenofuran
Concen: 41.171 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.5	47.3
169	12.9	10.4	15.6

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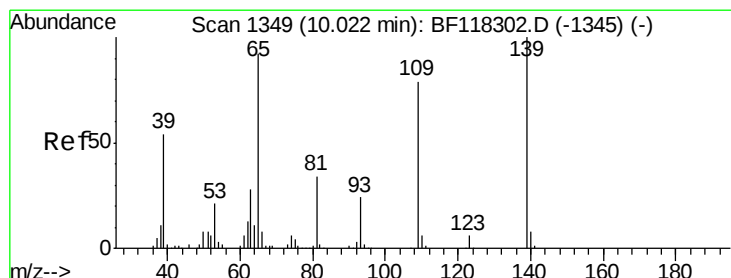
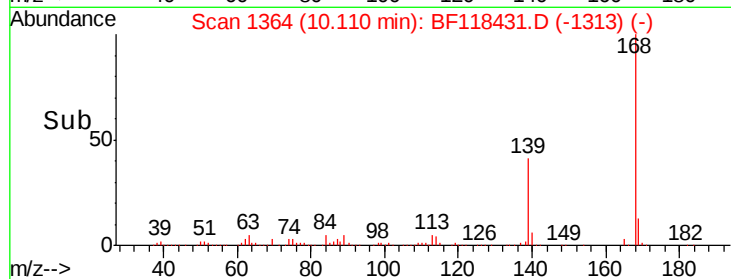
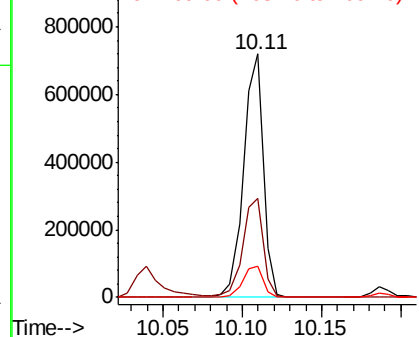


Abundance

Ion 168.00 (167.70 to 168.70): E

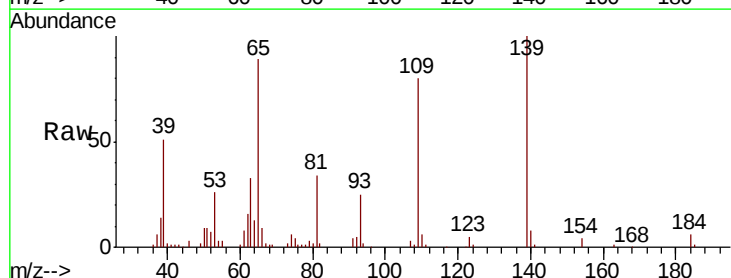
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 49.080 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.8	59.3	99.3
65	89.1	72.4	112.4

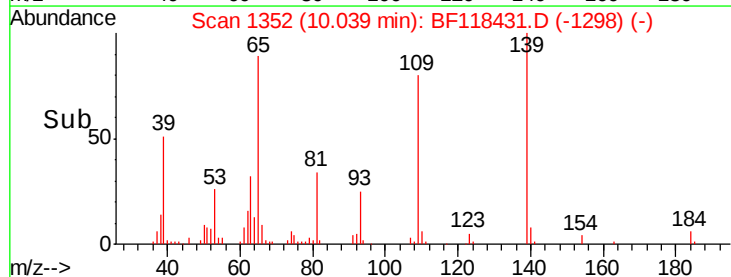
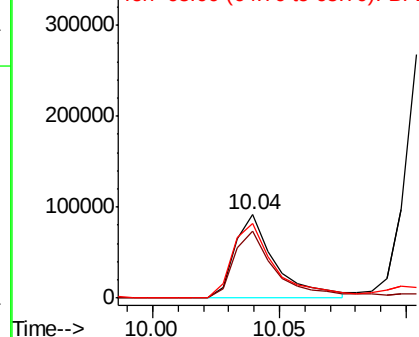


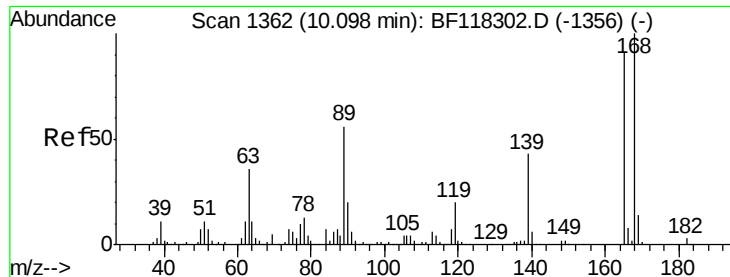
Abundance

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: 40.558 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

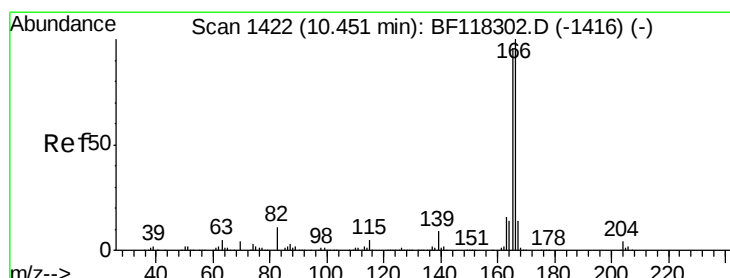
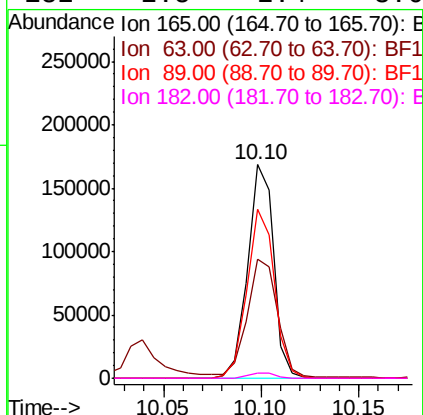
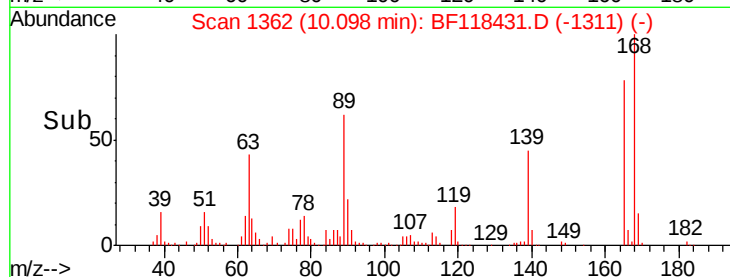
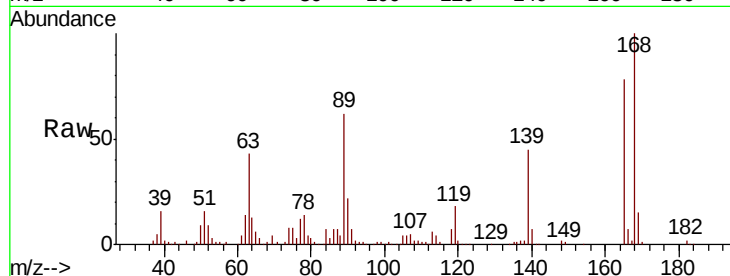
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.6	32.0	48.0#	
89	79.0	49.3	73.9#	
182	2.5	2.4	3.6	

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#58

Fluorene

Concen: 40.689 ng

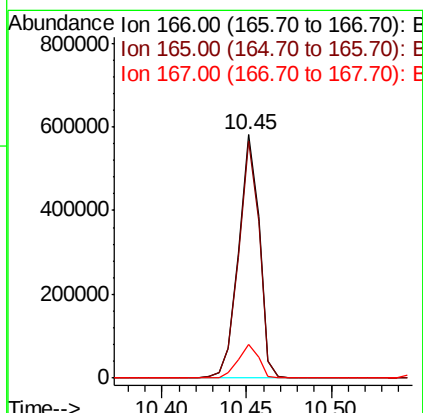
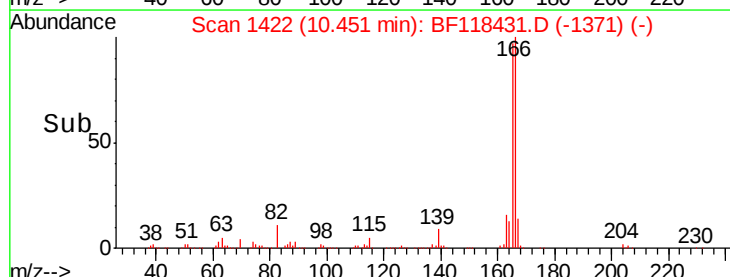
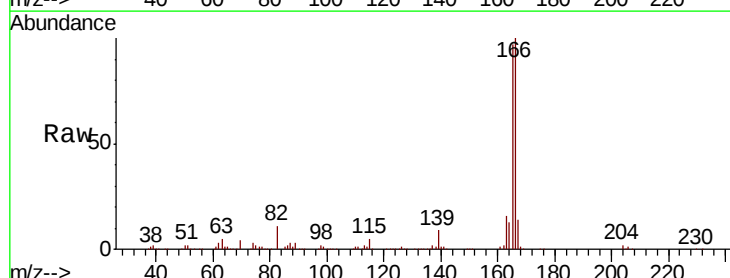
RT: 10.45 min Scan# 1422

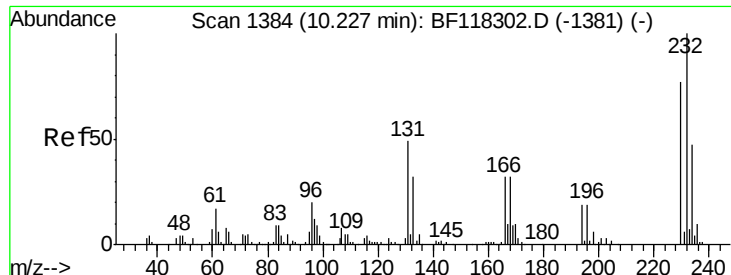
Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.4	77.0	115.4	
167	13.9	10.9	16.3	





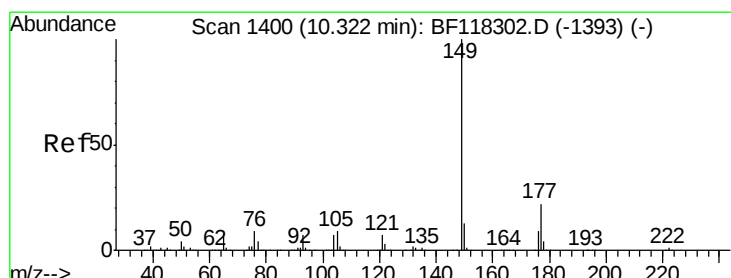
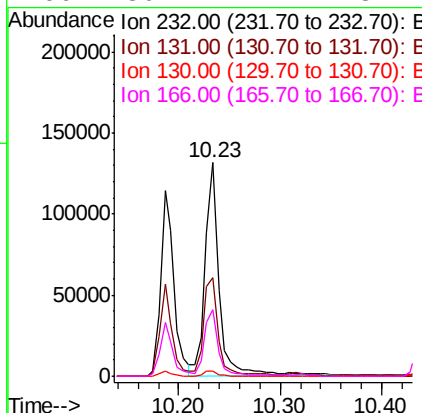
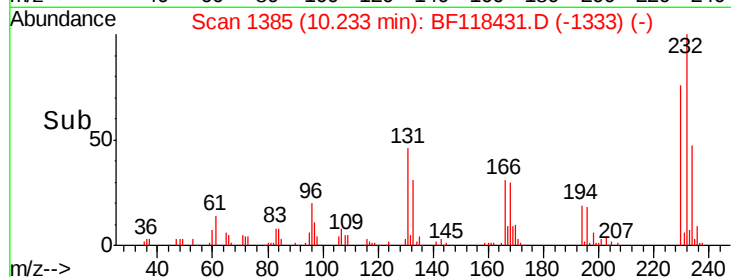
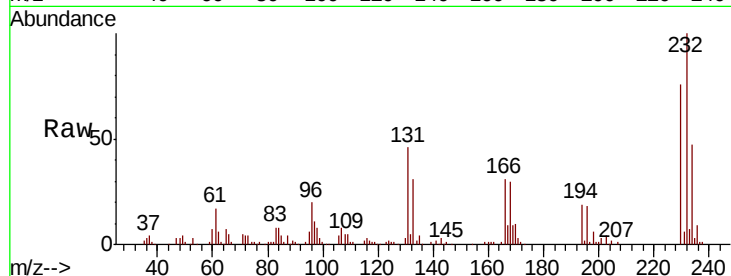
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.205 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.3	37.7	56.5
130	2.4	2.0	3.0
166	30.7	24.7	37.1

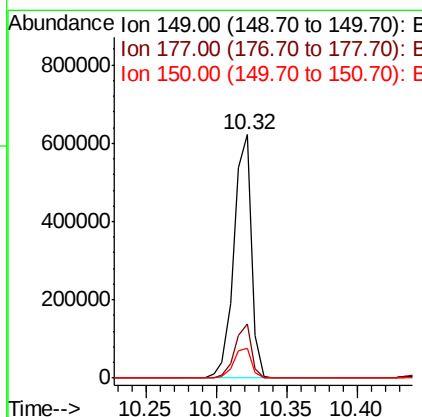
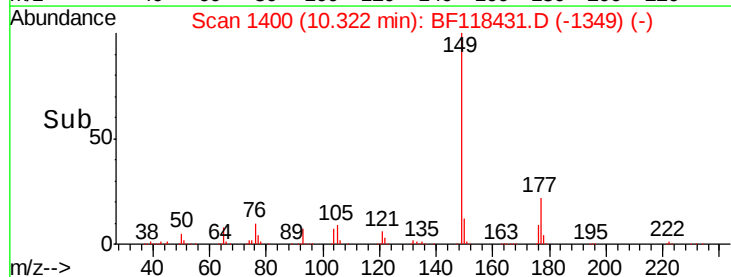
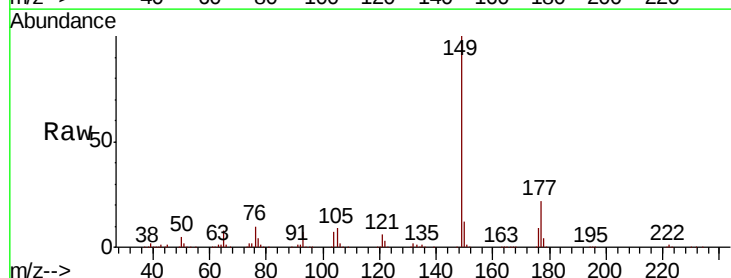
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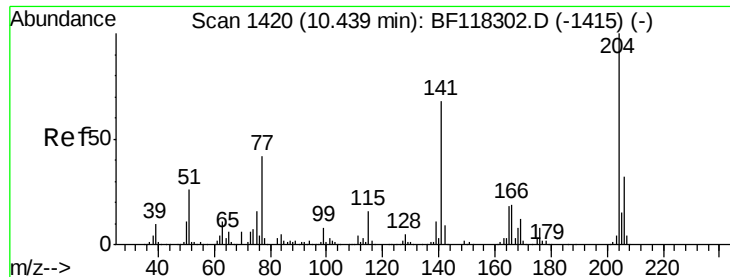
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#60
Diethylphthalate
Concen: 40.860 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.9	26.9
150	12.3	10.2	15.2





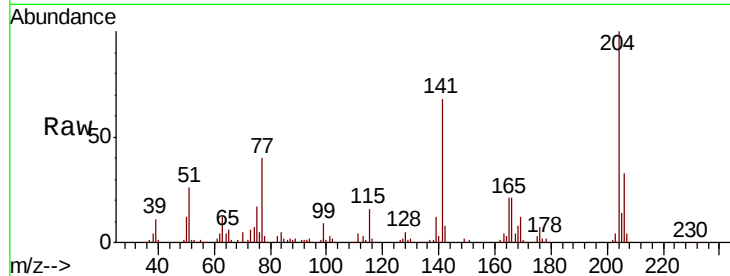
#61
4-Chlorophenyl-phenylether
Concen: 40.143 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	67.6	54.2	81.4

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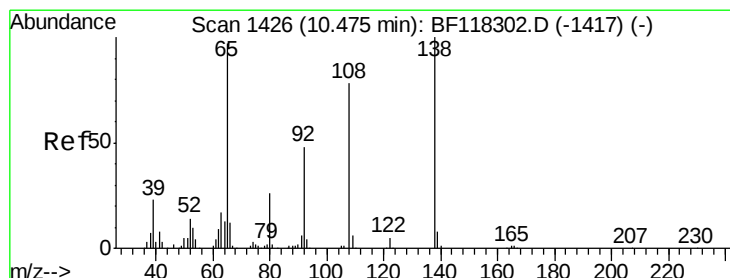
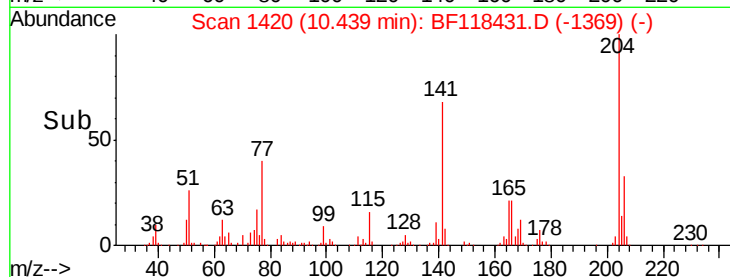
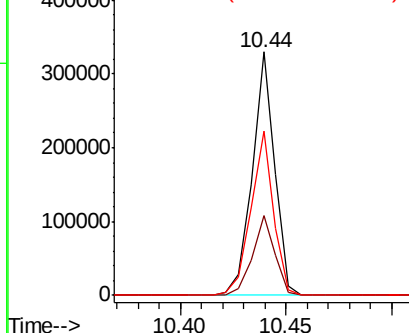


Abundance

Ion 204.00 (203.70 to 204.70): E

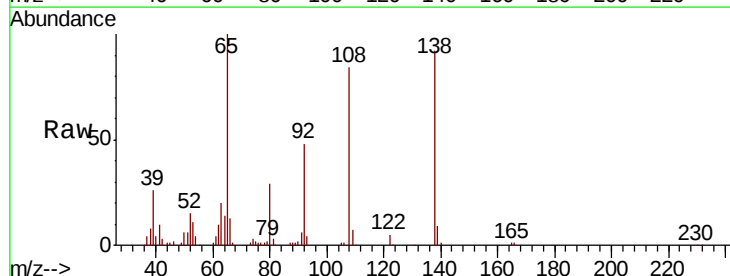
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.954 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	27.9	67.9
108	90.9	58.1	98.1

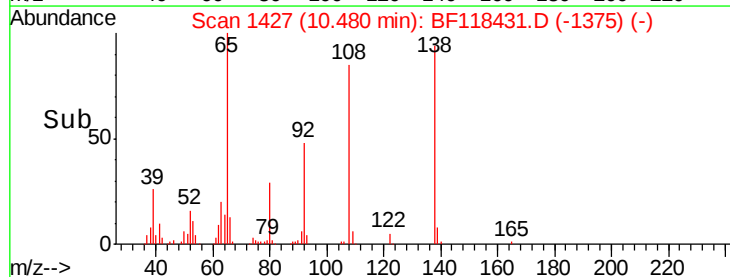
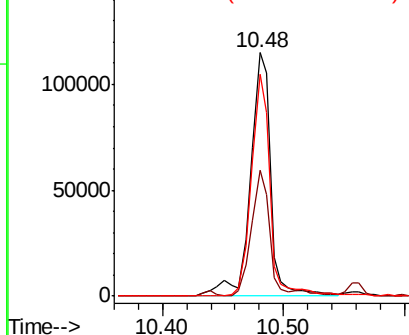


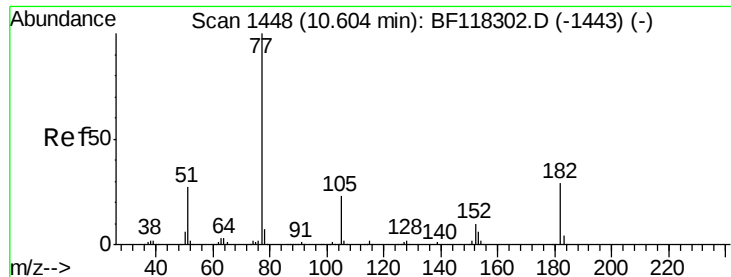
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





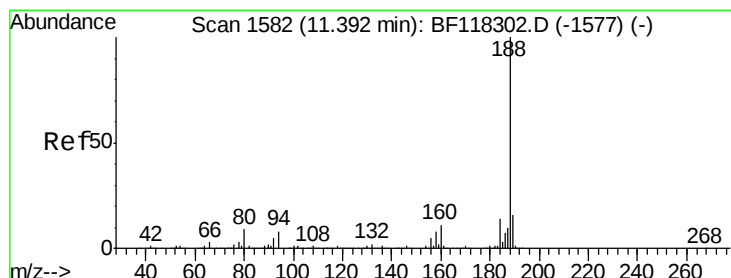
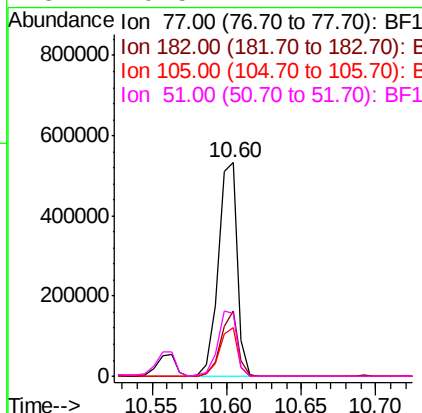
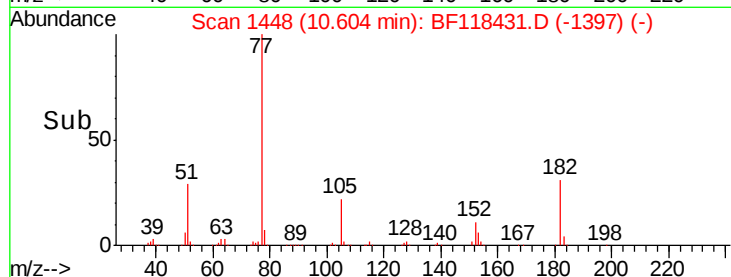
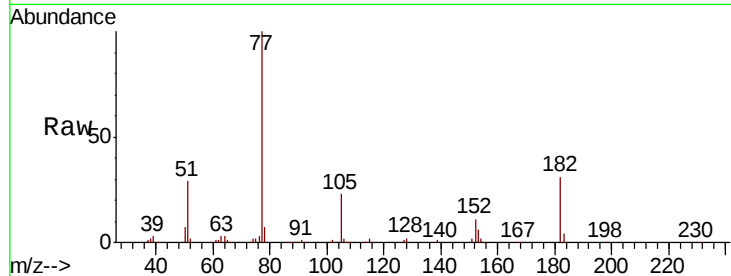
#63
Azobenzene
Concen: 42.379 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.7	9.2	49.2
105	22.6	3.2	43.2
51	29.5	7.1	47.1

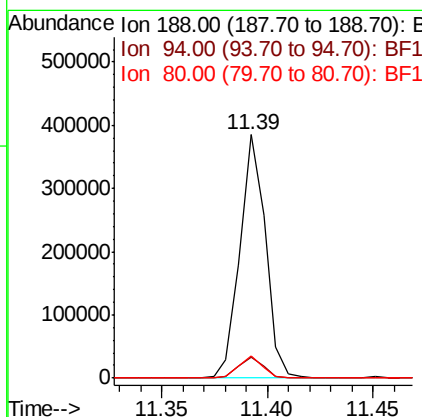
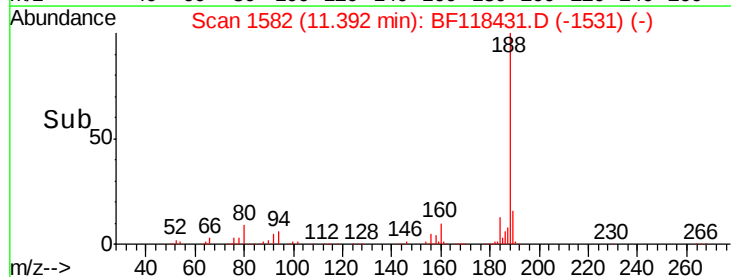
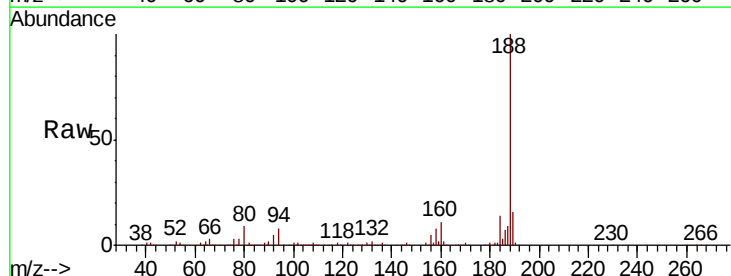
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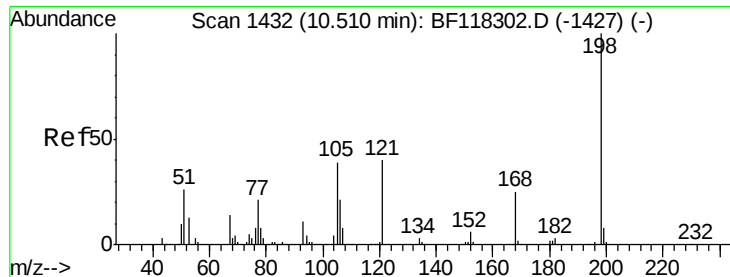
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	9.3	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 39.960 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 69630

Ion Ratio Lower Upper

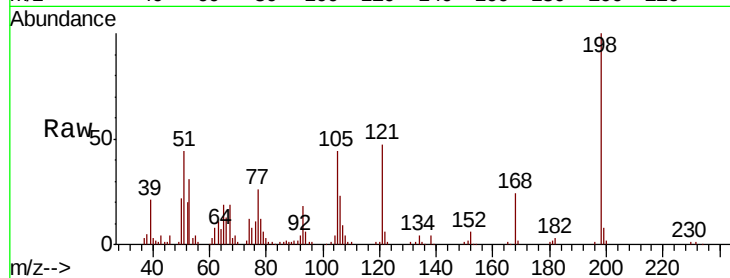
198 100

51 44.0 12.8 52.8

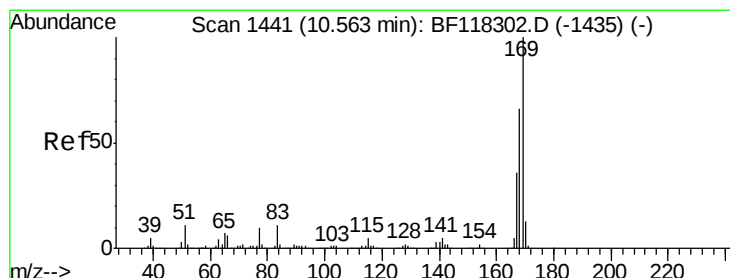
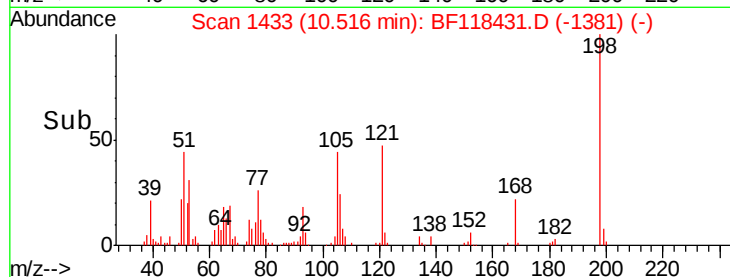
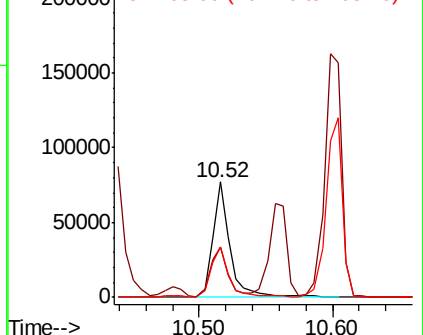
105 43.7 20.3 60.3

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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: 41.669 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

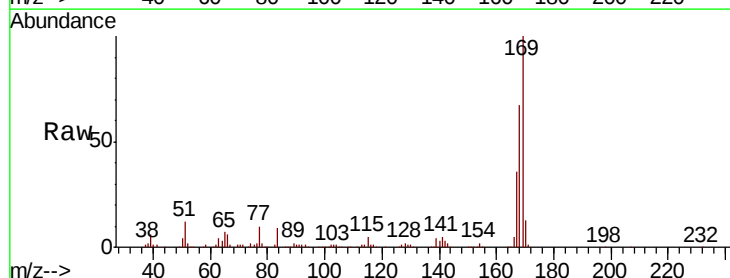
Tgt Ion:169 Resp: 431367

Ion Ratio Lower Upper

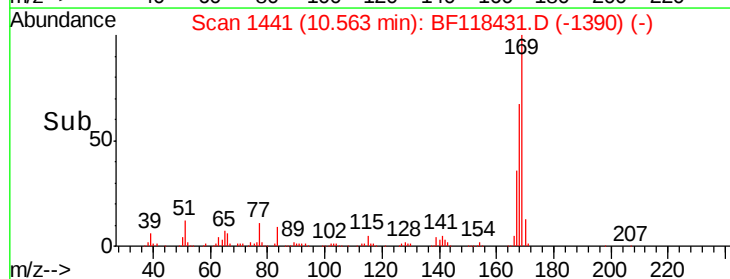
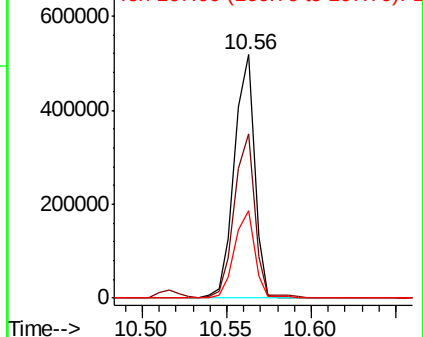
169 100

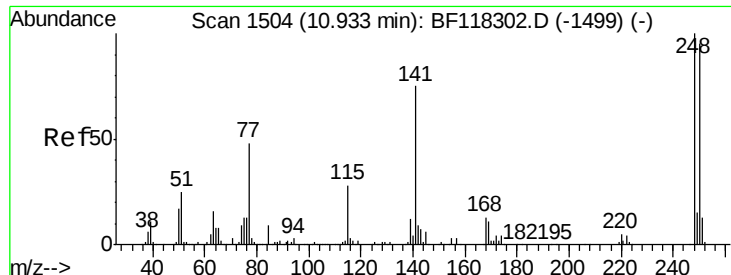
168 67.3 52.6 79.0

167 35.8 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





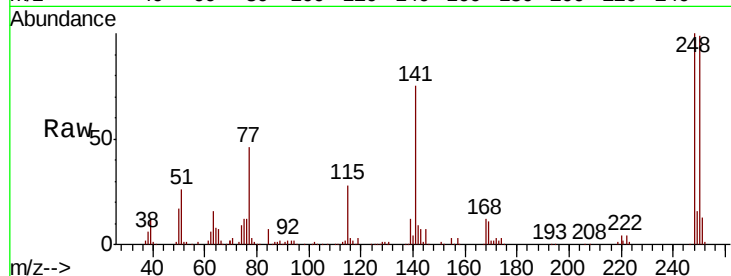
#67
 4-Bromophenyl-phenylether
 Concen: 39.163 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

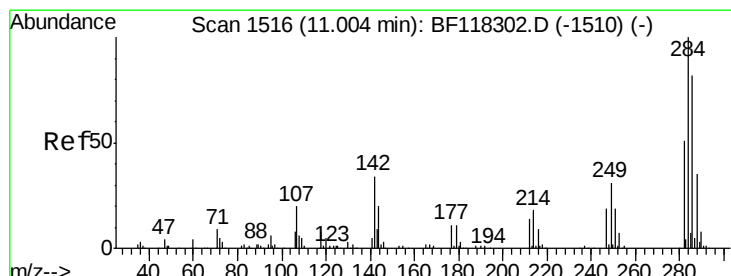
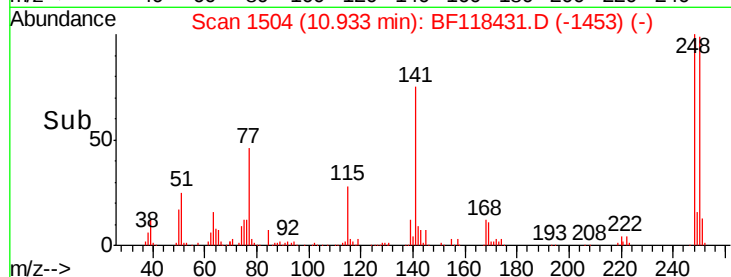
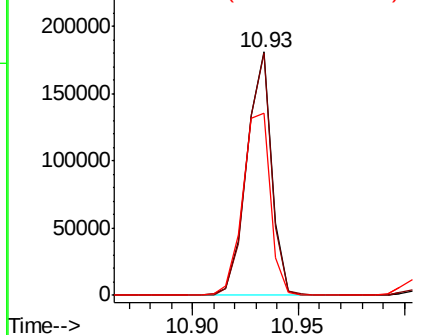
Tot Ion:	248	Resp:	148039
Ion Ratio	Lower	Upper	
248	100		
250	99.3	76.4	114.6
141	74.8	60.2	90.2

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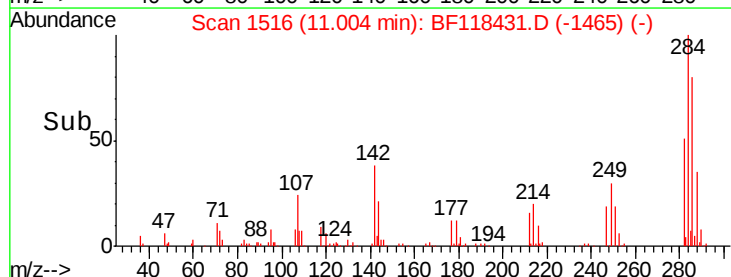
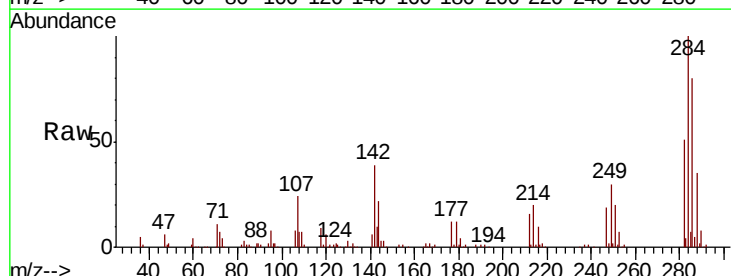
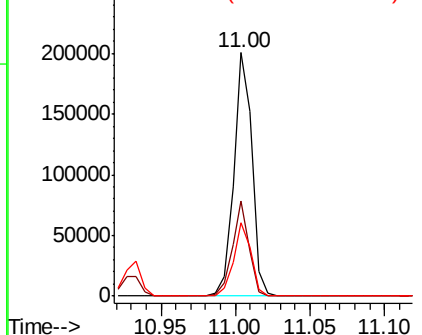
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

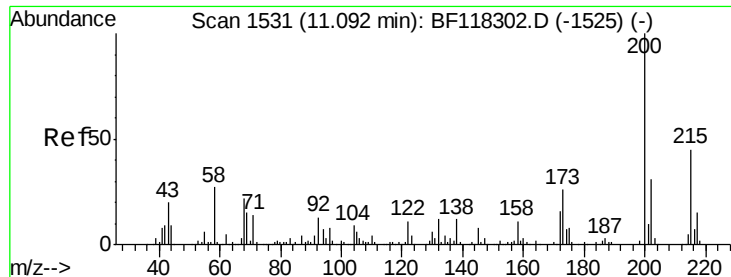


#68
 Hexachlorobenzene
 Concen: 38.625 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion:	284	Resp:	171860
Ion Ratio	Lower	Upper	
284	100		
142	39.3	27.3	40.9
249	30.4	25.0	37.6

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





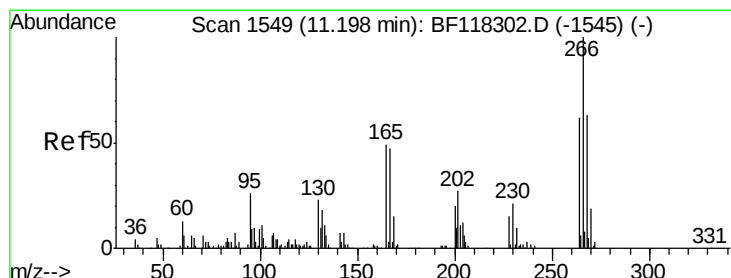
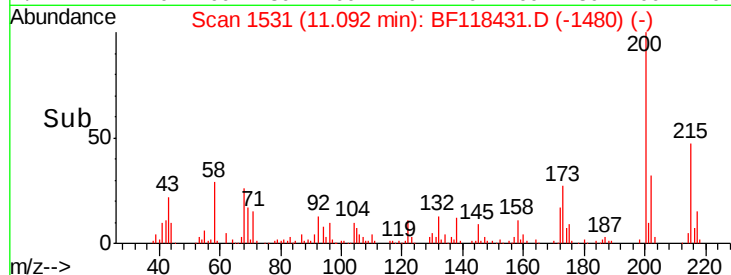
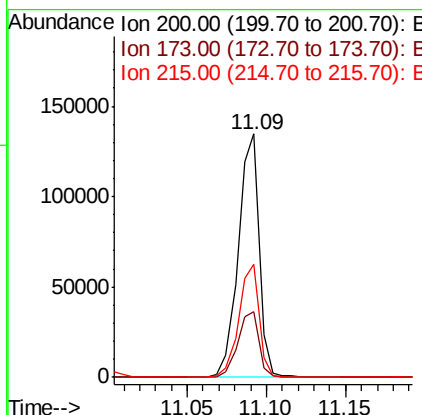
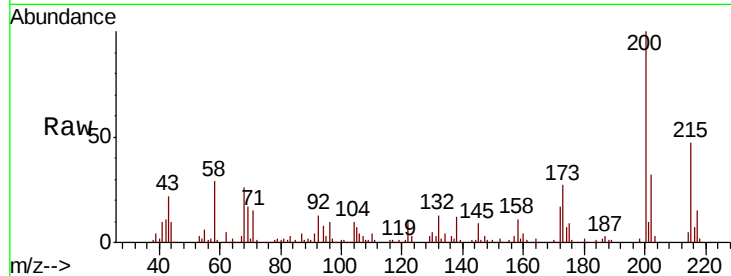
#69
Atrazine
Concen: 38.541 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	5.8	45.8
215	46.5	25.1	65.1

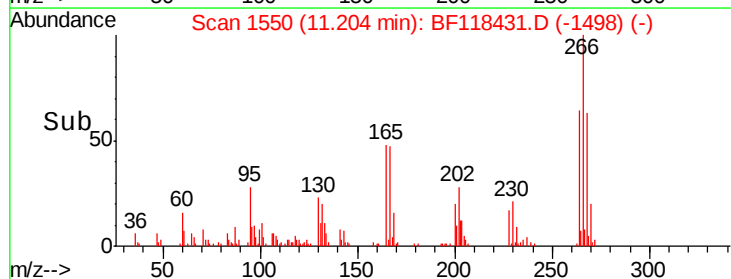
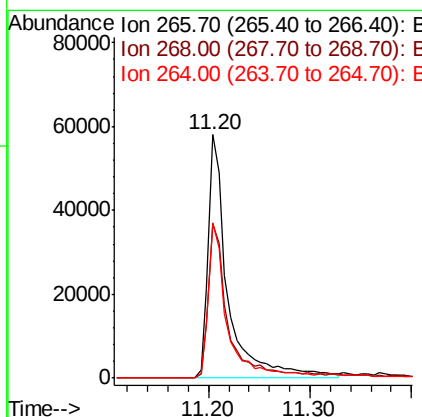
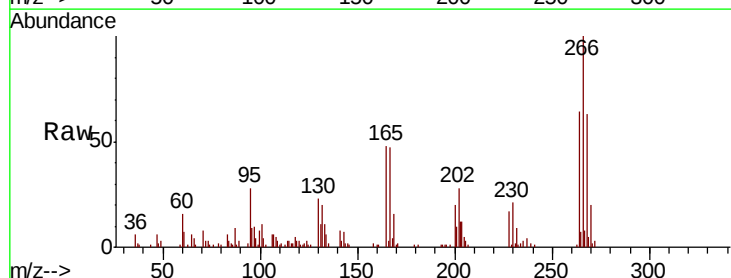
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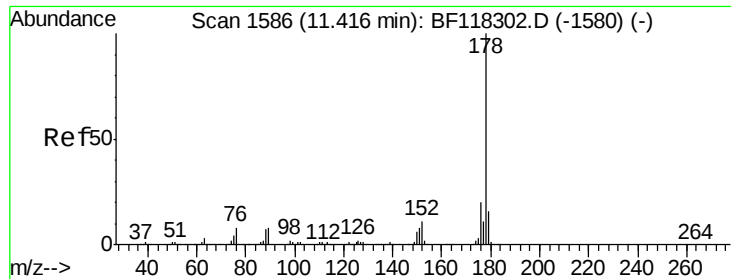
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#70
Pentachlorophenol
Concen: 41.127 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.6	76.0
264	63.7	49.9	74.9





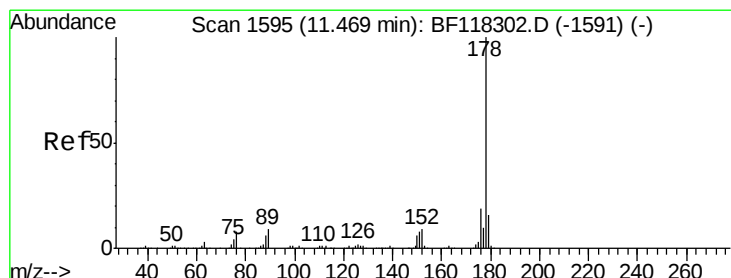
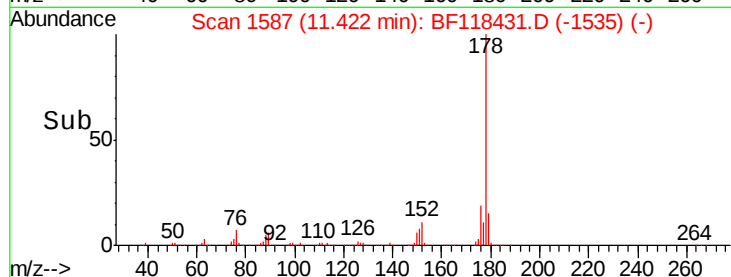
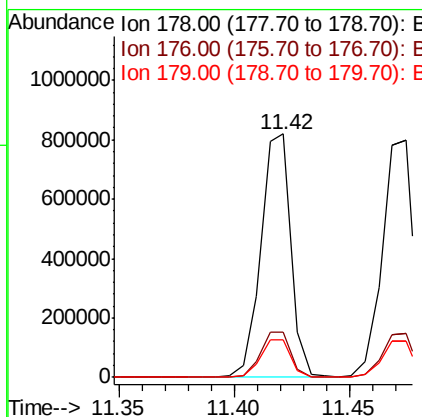
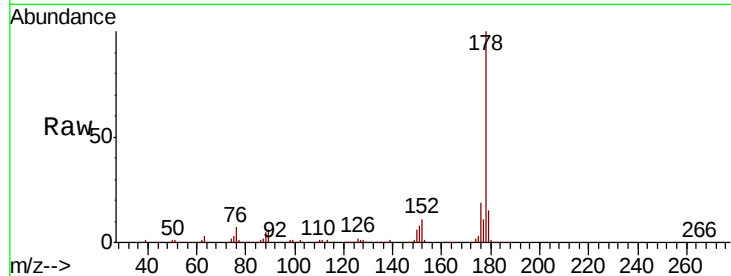
#71
Phenanthrene
Concen: 42.165 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.4	12.6	19.0

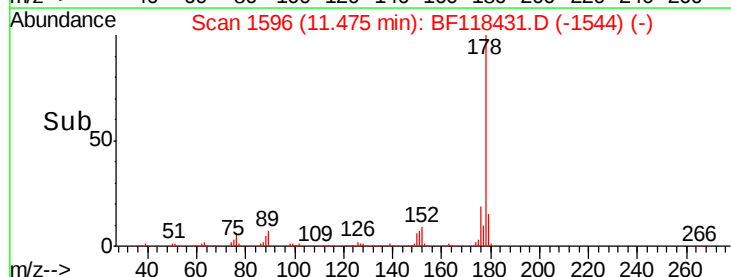
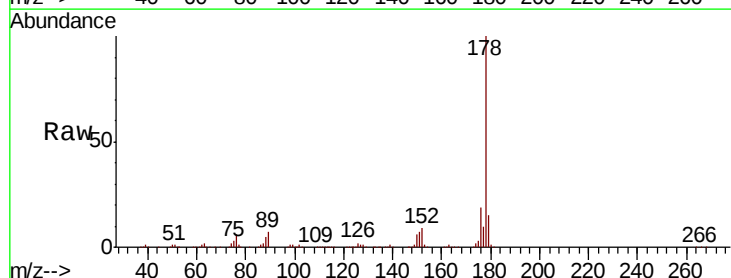
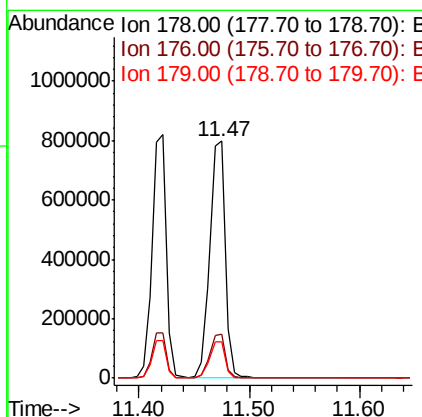
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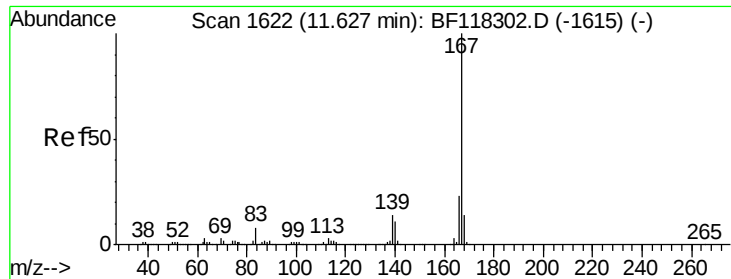
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#72
Anthracene
Concen: 43.065 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.3	12.9	19.3





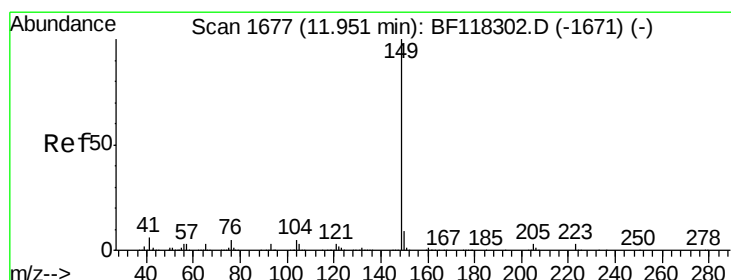
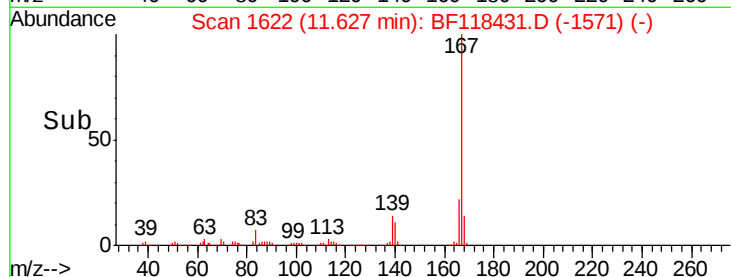
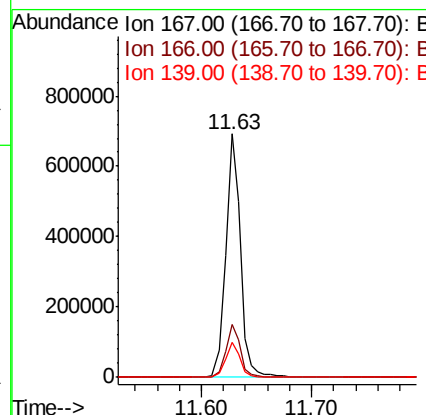
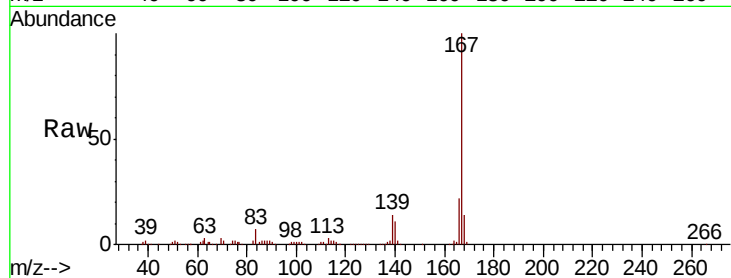
#73
 Carbazole
 Concen: 41.040 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	14.3	11.5	17.3

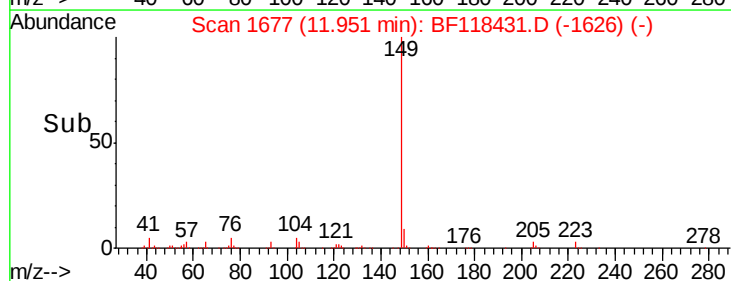
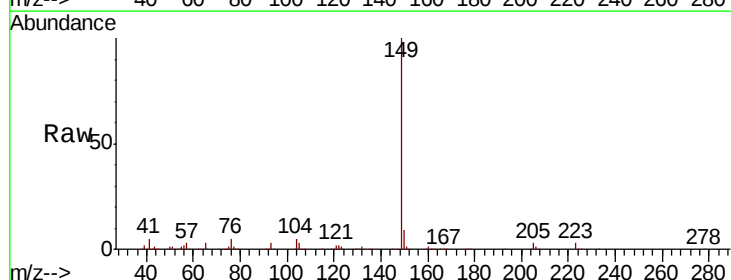
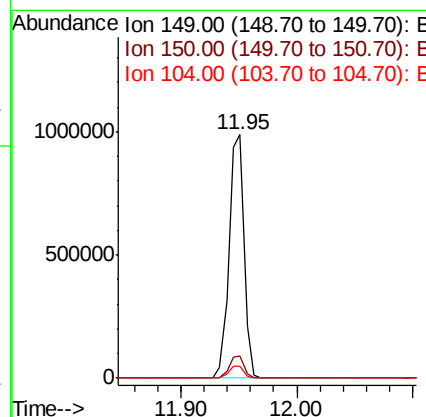
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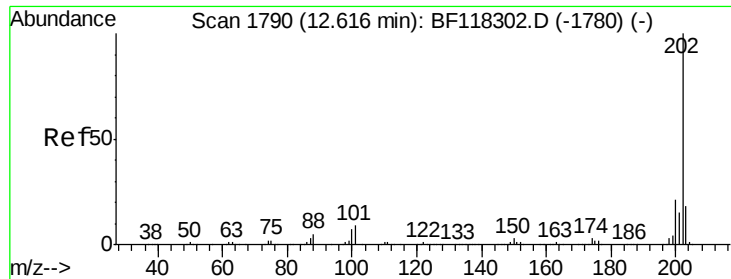
mohammad
 1/3/2020 11:04:01 AM



#74
 Di-n-butylphthalate
 Concen: 44.789 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	4.8	4.0	6.0





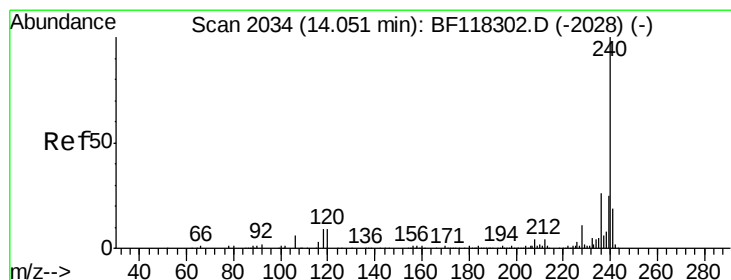
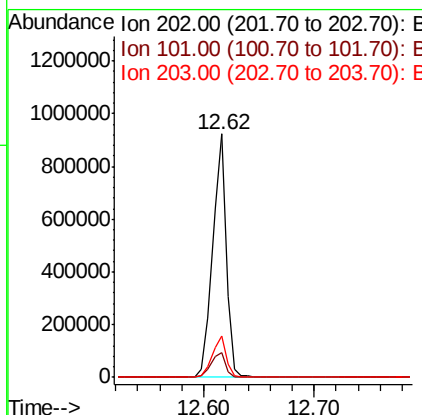
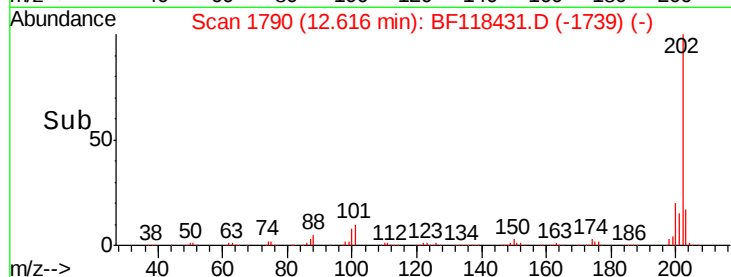
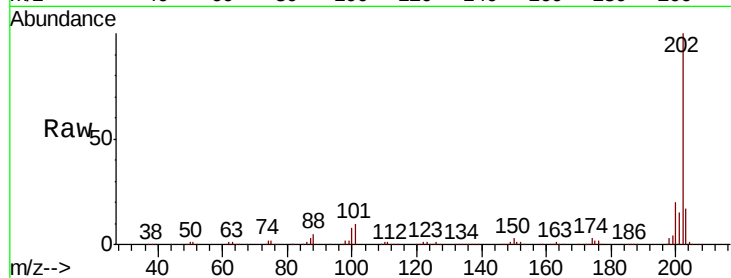
#75
 Fluoranthene
 Concen: 43.492 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	29.5
203	17.2	0.0	37.6

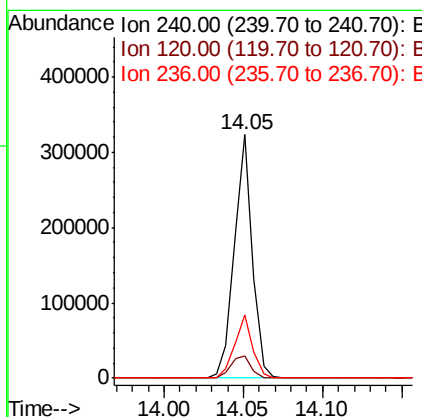
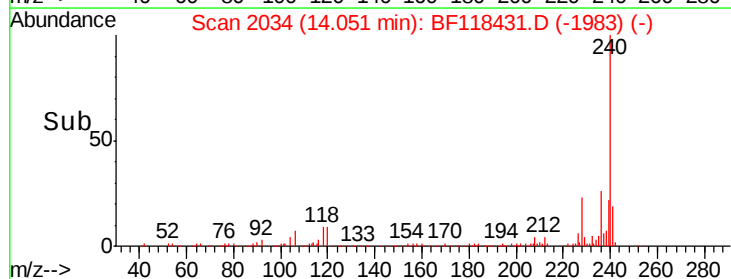
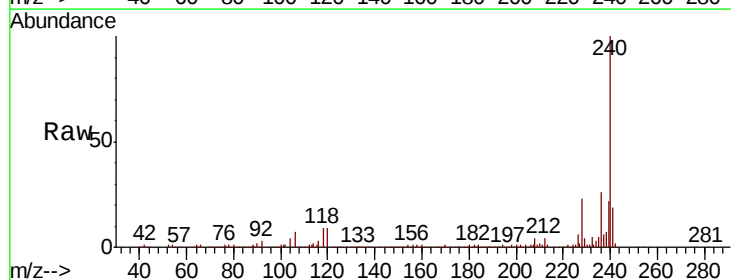
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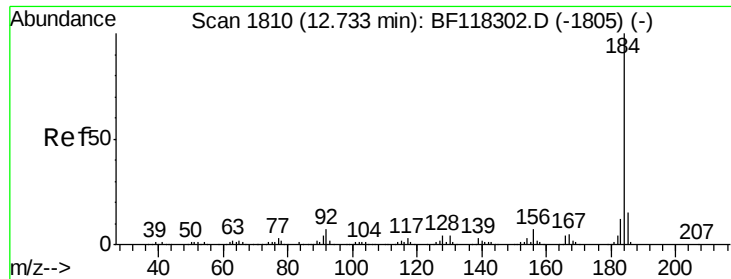
mohammad
 1/3/2020 11:04:01 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF118431.D
 Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.0	7.1	10.7
236	25.7	21.0	31.6





#77

Benzidine

Concen: 35.583 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 249929

Ion Ratio Lower Upper

184 100

185 15.2 12.3 18.5

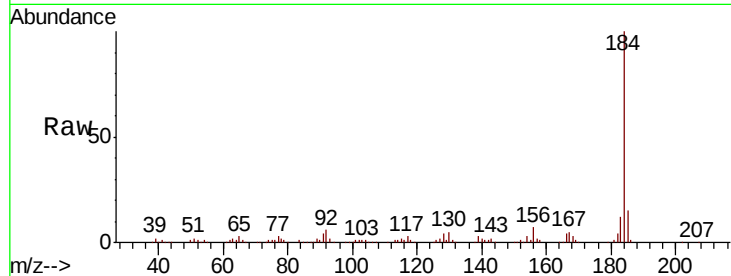
183 11.9 9.4 14.2

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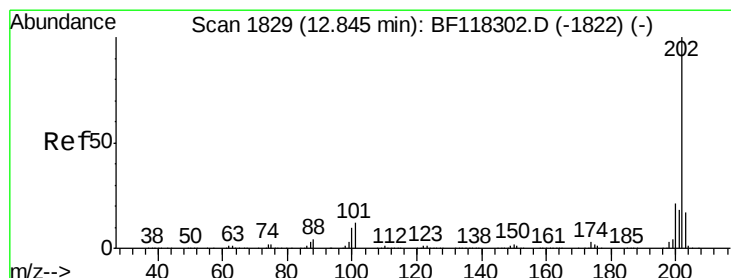
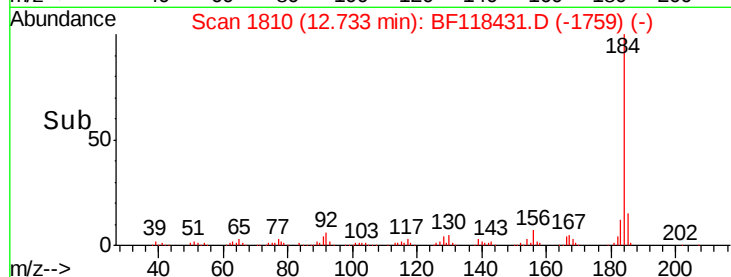
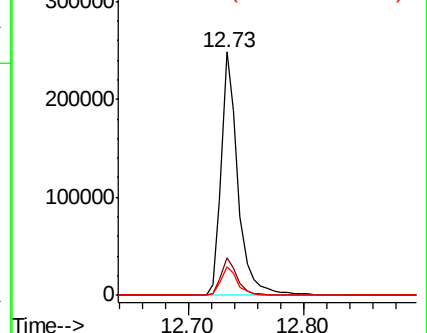
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.733 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

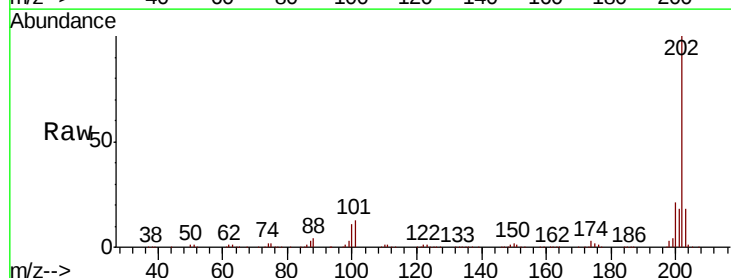
Tgt Ion:202 Resp: 789860

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

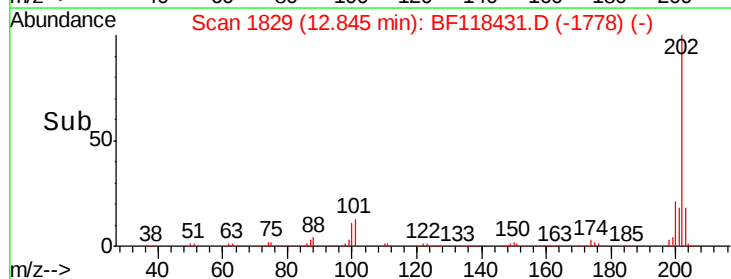
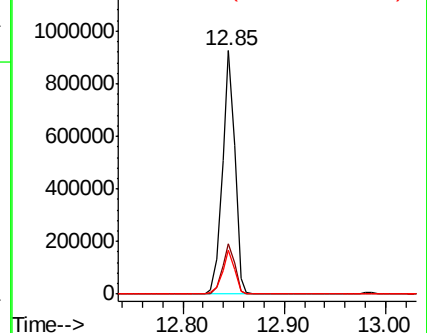
203 18.1 13.9 20.9

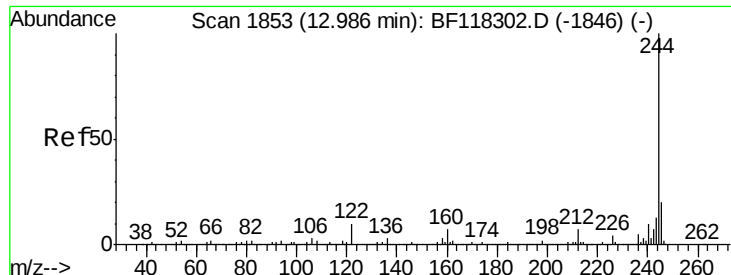


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.490 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1212768

Ion Ratio Lower Upper

244 100

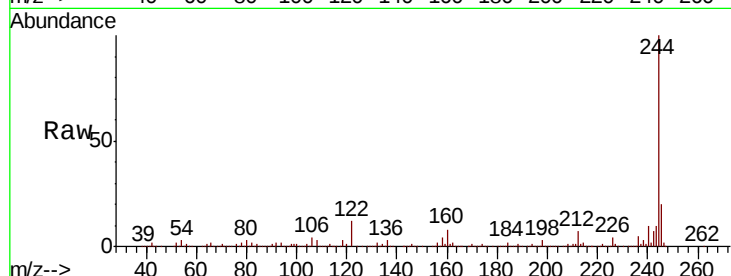
212 7.1 5.4 8.2

122 12.1 7.8 11.8#

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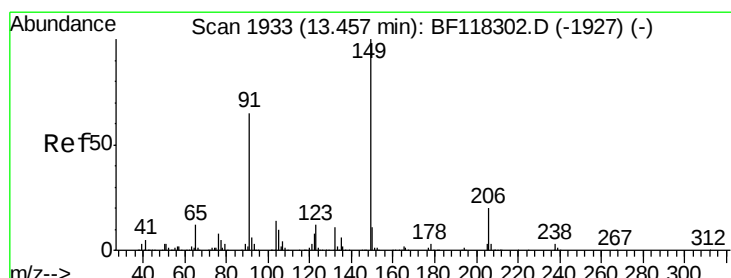
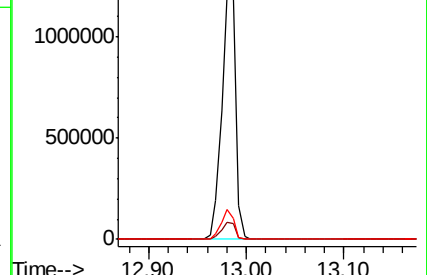
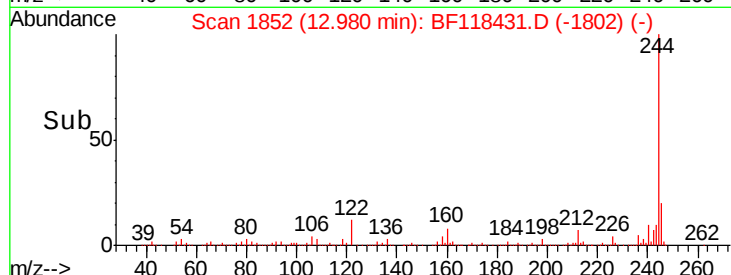
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.040 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

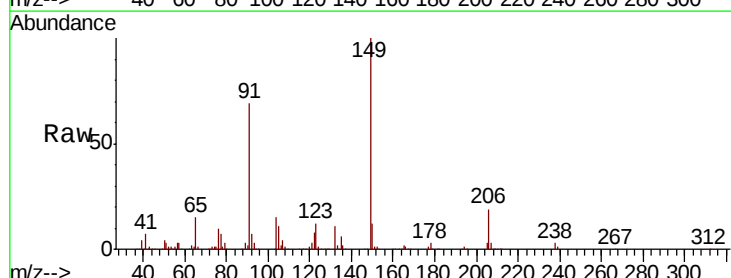
Tgt Ion:149 Resp: 358532

Ion Ratio Lower Upper

149 100

91 69.2 51.8 77.6

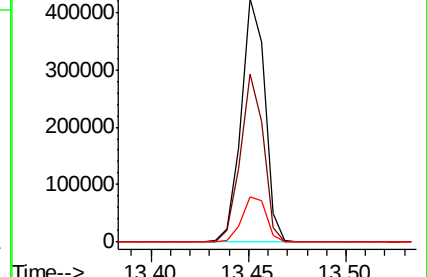
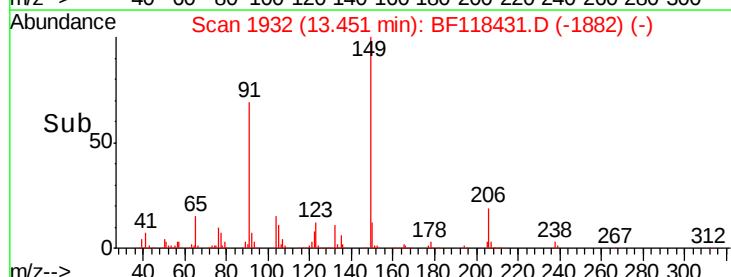
206 18.6 15.7 23.5

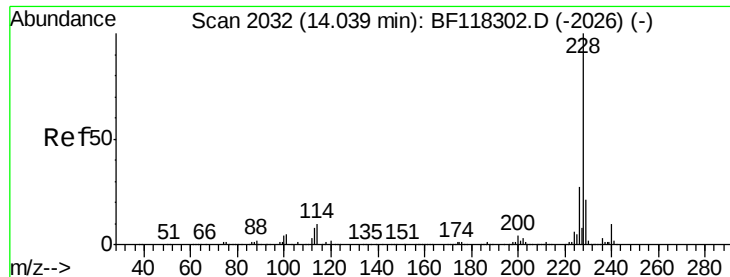


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.657 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

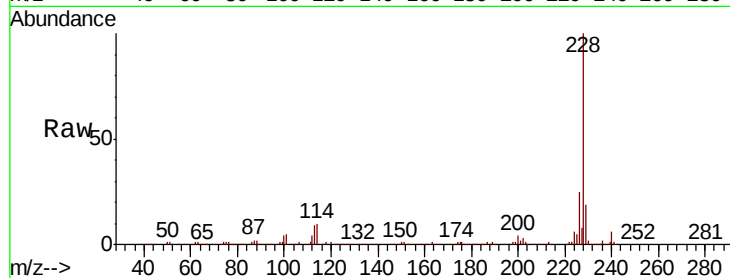
ClientSampleId :

SSTDCCC040

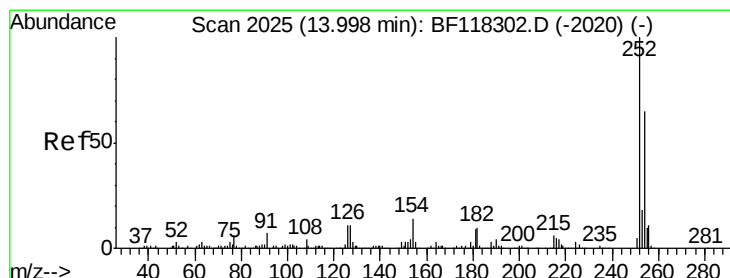
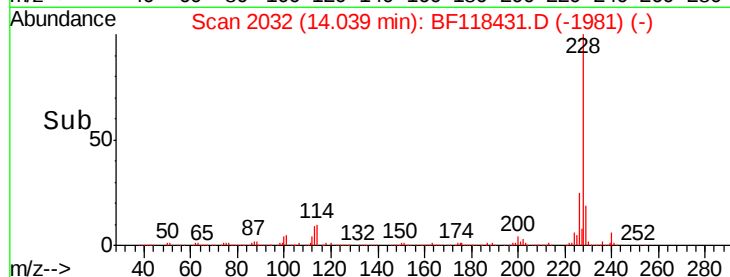
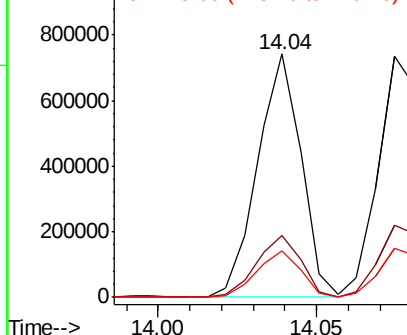
Tot Ion:	228	Resp:	711565
Ion Ratio	Lower	Upper	
228	100		
226	25.3	22.0	33.0
229	19.0	16.6	24.8

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



#82

3,3'-Dichlorobenzidine

Concen: 36.303 ng

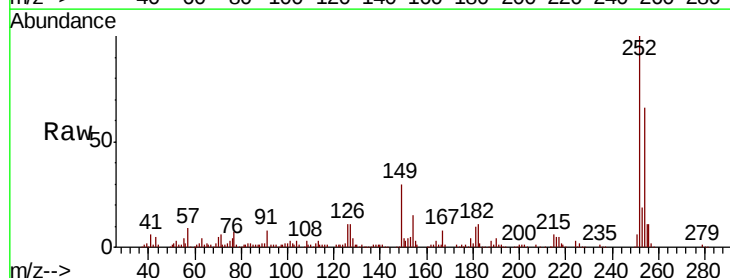
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

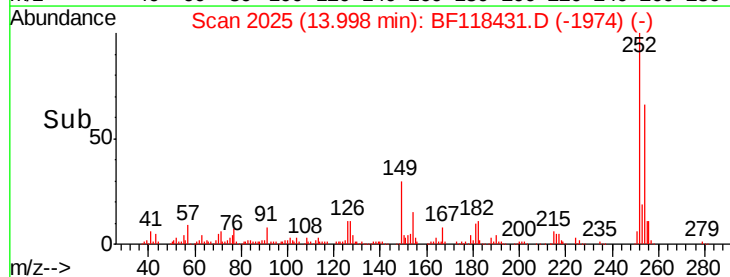
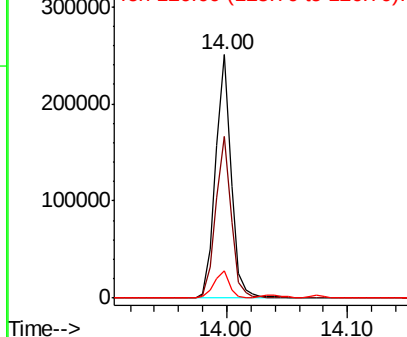
Lab File: BF118431.D

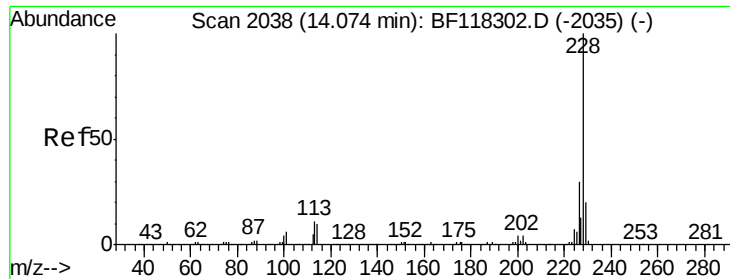
Acq: 2 Jan 2020 12:58

Tgt Ion:	252	Resp:	220857
Ion Ratio	Lower	Upper	
252	100		
254	66.2	51.8	77.8
126	11.0	8.7	13.1



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





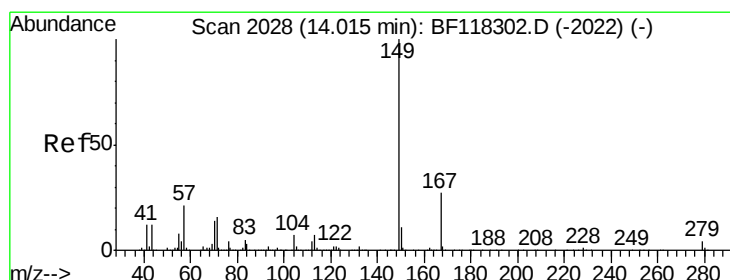
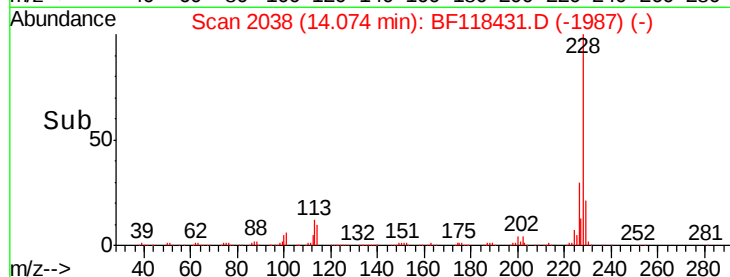
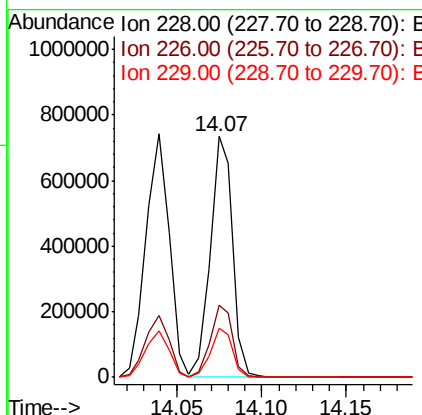
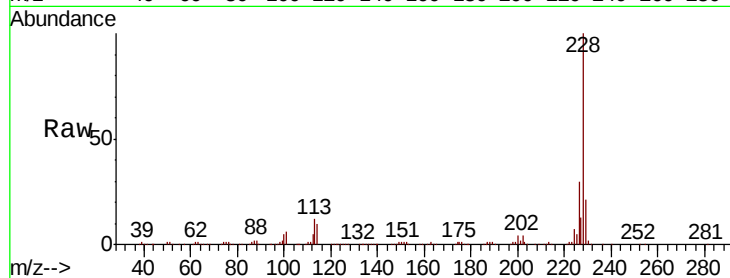
#83
Chrysene
Concen: 39.584 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.6	16.1	24.1

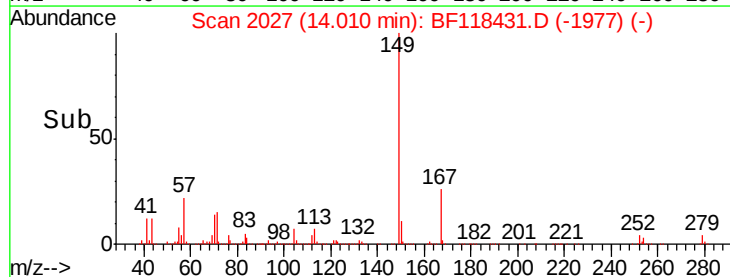
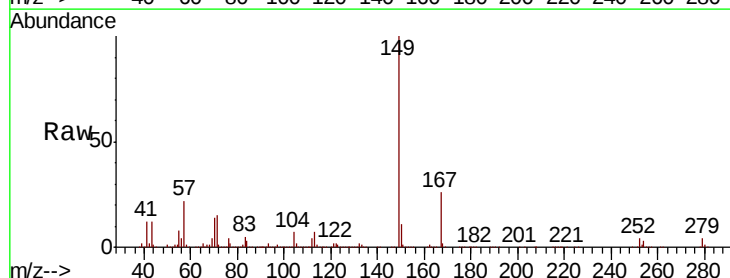
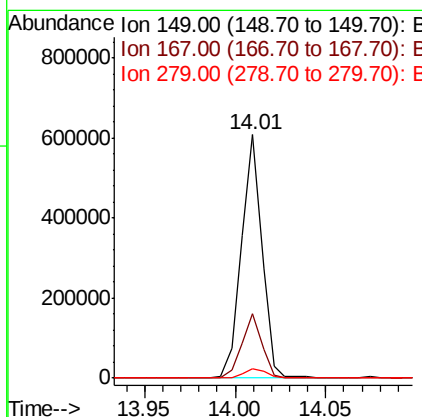
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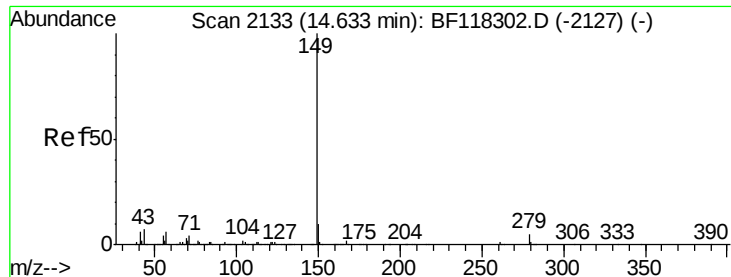
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.789 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.0	3.4	5.2





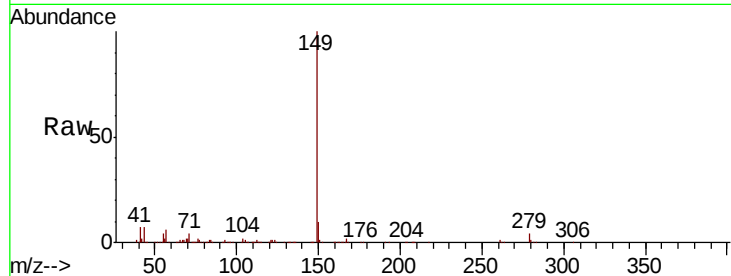
#85
Di-n-octyl phthalate
Concen: 39.337 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	717133		
167	1.5		1.2	1.8
43	8.0		6.1	9.1

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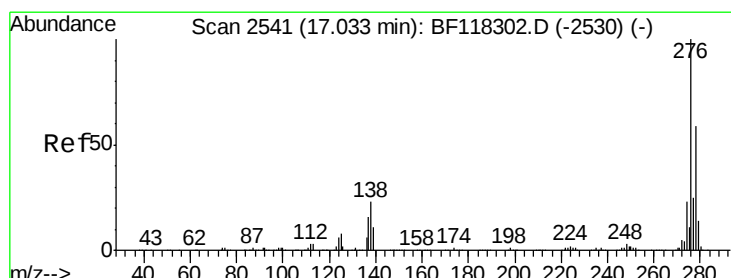
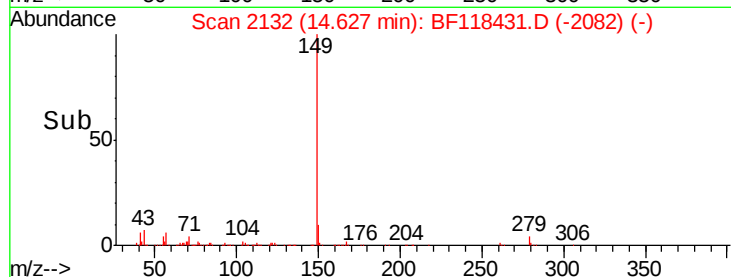
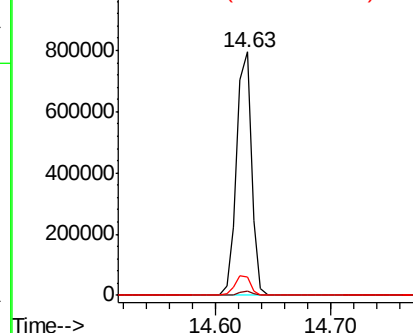


Abundance

Ion 149.00 (148.70 to 149.70): E

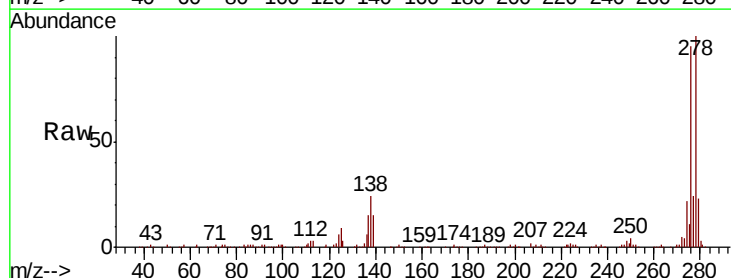
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.513 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	490607		
138	24.0		19.5	29.3
277	25.8		20.6	30.8

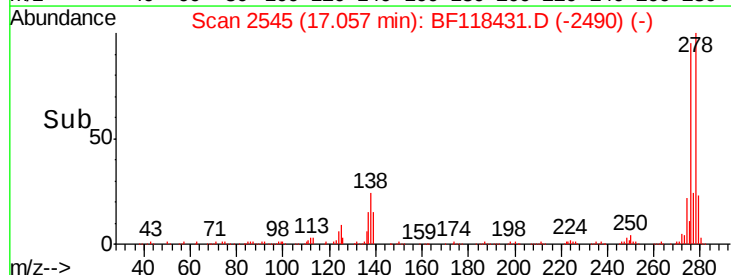
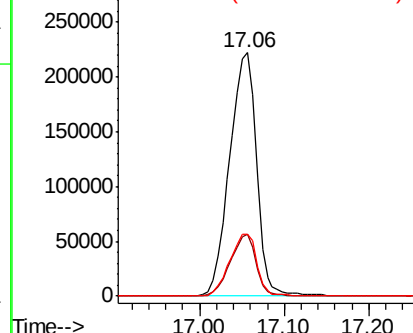


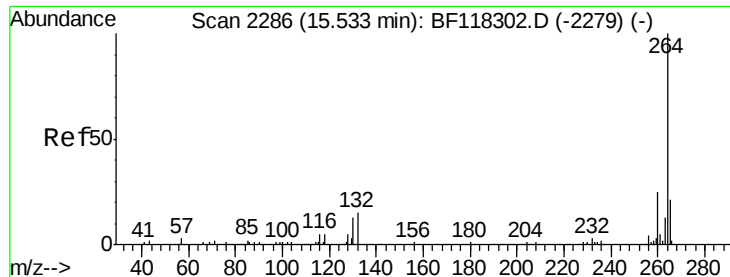
Abundance

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





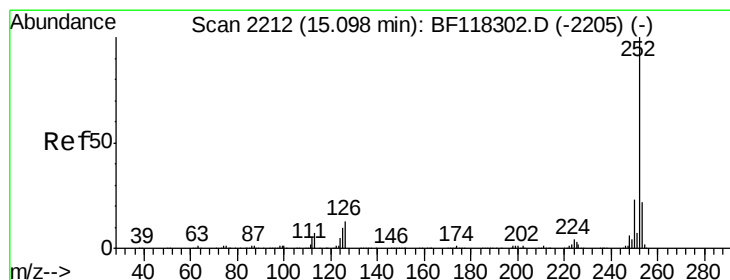
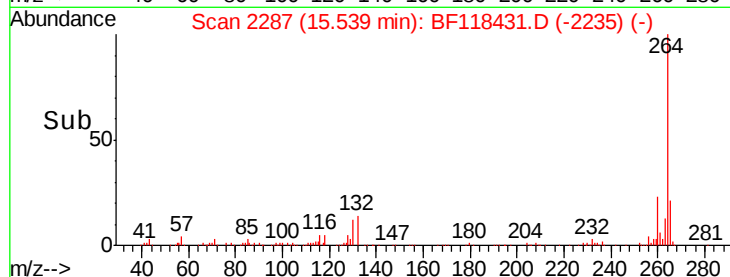
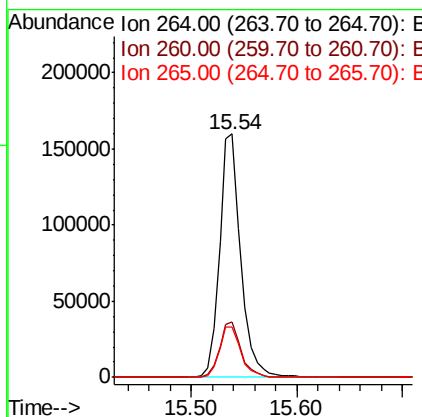
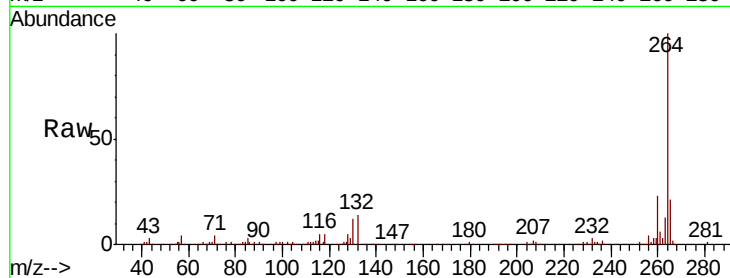
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.8	29.6
265	20.7	17.0	25.4

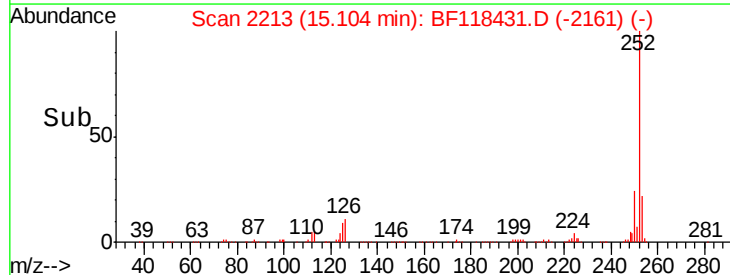
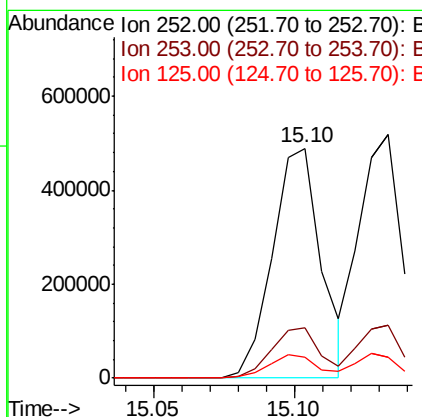
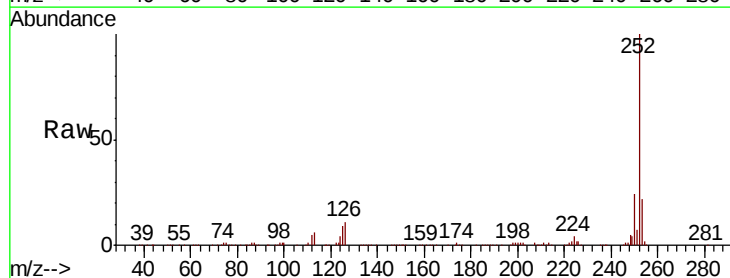
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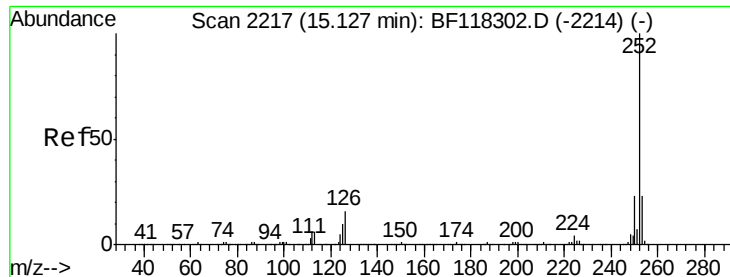
mohammad
1/3/2020 11:04:01 AM



#88
Benzo(b)fluoranthene
Concen: 39.610 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.2	7.7	11.5





#89

Benzo(k)fluoranthene

Concen: 38.177 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Instrument :

BNA_F

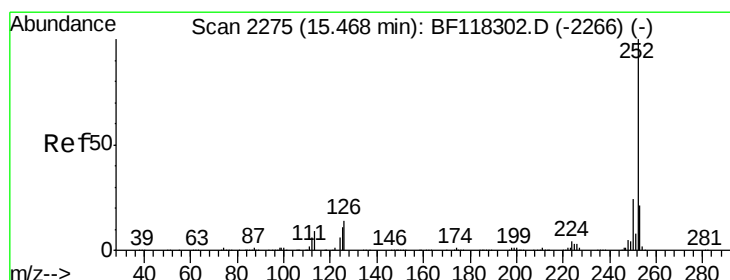
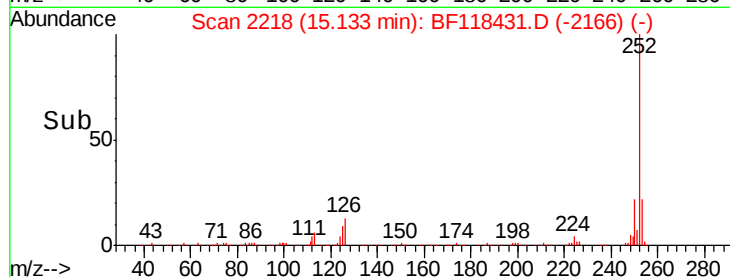
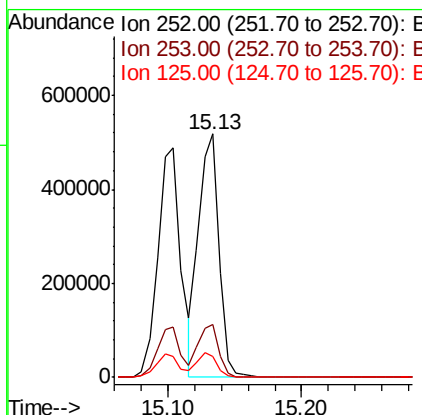
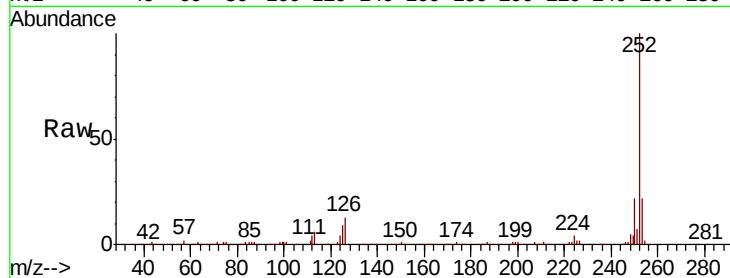
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	543917
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.0	27.0
125	8.7	8.0	12.0

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:01 AM



#90

Benzo(a)pyrene

Concen: 38.894 ng

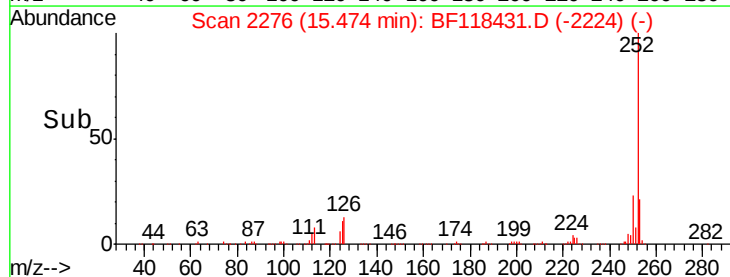
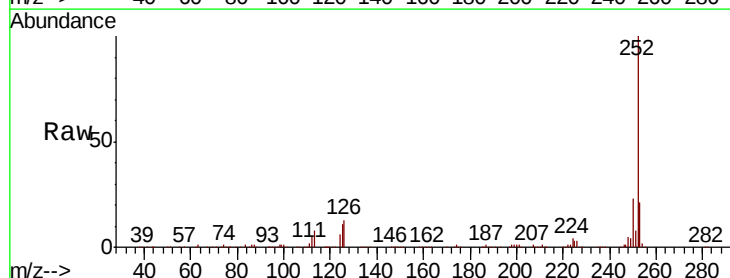
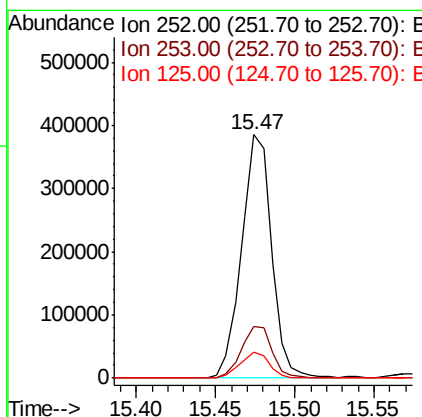
RT: 15.47 min Scan# 2276

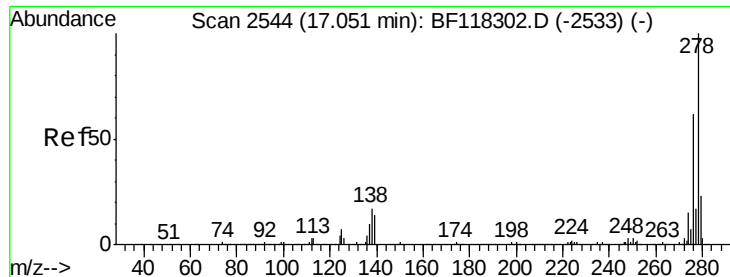
Delta R.T. 0.01 min

Lab File: BF118431.D

Acq: 2 Jan 2020 12:58

Tgt Ion:	252	Resp:	508387
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.0	25.6
125	10.8	9.0	13.4





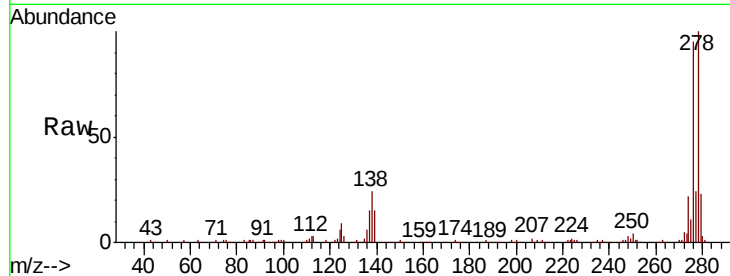
#91
Dibenzo(a,h)anthracene
Concen: 36.208 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.5	17.3
279	23.0	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:01 AM

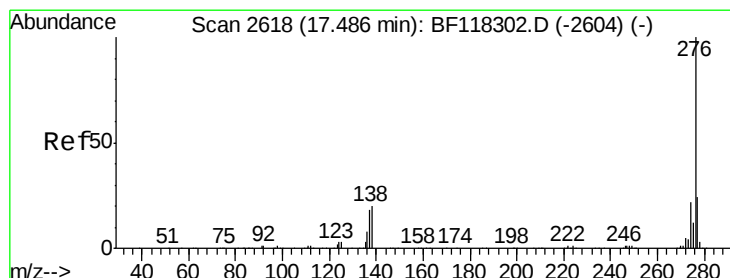
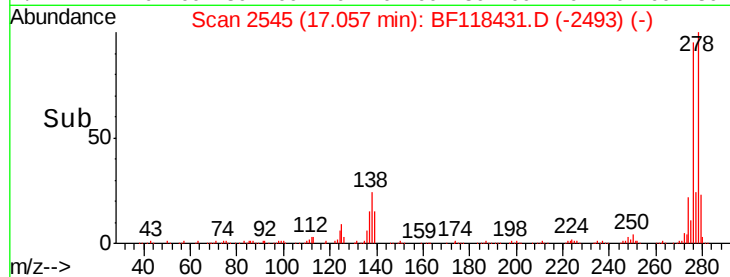
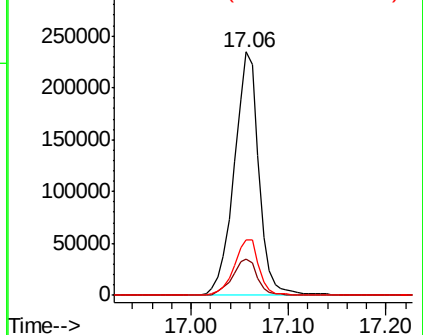


Abundance

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: 33.731 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118431.D
Acq: 2 Jan 2020 12:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.1	28.7
138	21.4	16.1	24.1

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

