

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118281.D
 Acq On : 19 Dec 2019 16:01
 Operator : JU
 Sample : PB125606BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

Manual Integrations
 APPROVED

Sohil
 12/20/2019 4:26:18 PM

Quant Time: Dec 20 03:32:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	121595	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	497001	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	262195	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	487998	20.00	ng	0.00
76) Chrysene-d12	14.06	240	318071	20.00	ng	-0.01
87) Perylene-d12	15.54	264	241236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	857029	123.45	ng	0.01
7) Phenol-d6	6.50	99	1037368	123.54	ng	0.00
23) Nitrobenzene-d5	7.43	82	677059	76.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	365768	114.83	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1425027	82.70	ng	-0.01
79) Terphenyl-d14	12.99	244	1574707	85.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	120537	41.177	ng	97
3) Pyridine	3.48	79	286740	37.967	ng	97
4) n-Nitrosodimethylamine	3.44	42	143866	44.280	ng	98
6) Aniline	6.52	93	365773	34.053	ng	96
8) 2-Chlorophenol	6.65	128	367352	46.927	ng	98
9) Benzaldehyde	6.41	77	226254	59.753	ng	96
10) Phenol	6.51	94	427704	44.663	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	316285	45.666	ng	95
12) 1,3-Dichlorobenzene	6.80	146	403340	44.106	ng	100
13) 1,4-Dichlorobenzene	6.87	146	405998	44.090	ng	99
14) 1,2-Dichlorobenzene	7.03	146	381955	44.169	ng	99
15) Benzyl Alcohol	7.00	79	297384	45.369	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	356017	42.752	ng	93
17) 2-Methylphenol	7.12	107	289726	46.533	ng	98
18) Hexachloroethane	7.37	117	150072	44.229	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	232345	45.535	ng	98
20) 3+4-Methylphenols	7.27	107	364369	46.591	ng	92
22) Acetophenone	7.27	105	493021	41.291	ng	99
24) Nitrobenzene	7.45	77	355593	40.969	ng	100
25) Isophorone	7.69	82	640114	42.742	ng	99
26) 2-Nitrophenol	7.76	139	202575	43.666	ng	95
27) 2,4-Dimethylphenol	7.80	122	310455	50.169	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	400670	40.944	ng	100
29) 2,4-Dichlorophenol	8.01	162	306407	42.474	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	345697	41.005	ng	99
31) Naphthalene	8.17	128	1072826	42.981	ng	100
32) Benzoic acid	7.94	122	216132	38.683	ng	99
33) 4-Chloroaniline	8.22	127	229355	21.281	ng	98
34) Hexachlorobutadiene	8.29	225	199388	39.440	ng	100
35) Caprolactam	8.59	113	92116m	41.406	ng	
36) 4-Chloro-3-methylphenol	8.71	107	320516	42.219	ng	97
37) 2-Methylnaphthalene	8.86	142	739052	43.735	ng	99
38) 1-Methylnaphthalene	8.96	142	688854	43.415	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	319574	40.234	ng	99

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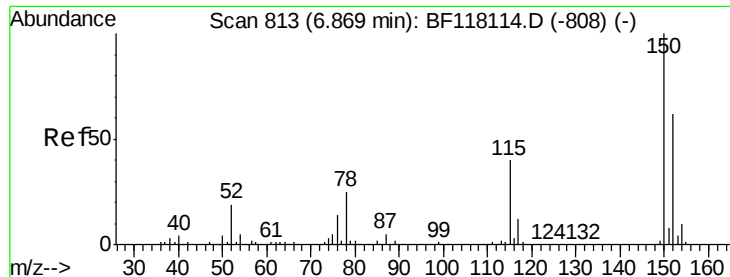
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	304172	85.471	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	215238	40.586	nq	95
44) 2,4,5-Trichlorophenol	9.19	196	228139	41.522	nq	98
46) 1,1'-Biphenyl	9.33	154	878675	42.491	nq	99
47) 2-Chloronaphthalene	9.36	162	675172	40.589	nq	98
48) 2-Nitroaniline	9.46	65	184658	38.927	nq	92
49) Acenaphthylene	9.77	152	1064492	43.387	nq	100
50) Dimethylphthalate	9.63	163	801167	41.368	nq	100
51) 2,6-Dinitrotoluene	9.70	165	180786	42.930	nq	94
52) Acenaphthene	9.95	154	618093	41.275	nq	98
53) 3-Nitroaniline	9.87	138	115213	23.247	nq	95
54) 2,4-Dinitrophenol	9.98	184	162802	77.705	nq	97
55) Dibenzofuran	10.12	168	946520	43.136	nq	99
56) 4-Nitrophenol	10.04	139	265094	77.076	nq	99
57) 2,4-Dinitrotoluene	10.10	165	236149	42.013	nq	97
58) Fluorene	10.46	166	741343	42.514	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	191798	42.312	nq	99
60) Diethylphthalate	10.33	149	798416	41.843	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	373813	42.605	nq	98
62) 4-Nitroaniline	10.49	138	179284	34.686	nq	98
63) Azobenzene	10.62	77	689125	42.306	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	118642	44.023	nq	85
66) n-Nitrosodiphenylamine	10.57	169	649696	42.633	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	229568	41.211	nq	97
68) Hexachlorobenzene	11.02	284	266121	40.588	nq	# 92
69) Atrazine	11.10	200	219755	62.775	nq	99
70) Pentachlorophenol	11.21	266	247718	80.338	nq	96
71) Phenanthrene	11.43	178	1083362	41.762	nq	99
72) Anthracene	11.48	178	1133844	43.814	nq	100
73) Carbazole	11.64	167	957180	41.225	nq	99
74) Di-n-butylphthalate	11.96	149	1239489	42.655	nq	99
75) Fluoranthene	12.62	202	1101715	41.539	nq	98
77) Benzidine	12.75	184	395837	47.274	nq	99
78) Pyrene	12.85	202	1101196	43.933	nq	99
80) Butylbenzylphthalate	13.46	149	494021	43.520	nq	99
81) Benzo(a)anthracene	14.04	228	903343	41.073	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	238786	33.058	nq	98
83) Chrysene	14.09	228	867321	41.284	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	665851	44.484	nq	100
85) Di-n-octyl phthalate	14.64	149	997783	44.004	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	688075	38.925	nq	100
88) Benzo(b)fluoranthene	15.11	252	720281	45.146	nq	98
89) Benzo(k)fluoranthene	15.14	252	709623	46.299	nq	99
90) Benzo(a)pyrene	15.49	252	621189	44.084	nq	98
91) Dibenzo(a,h)anthracene	17.07	278	576069	47.665	nq	98
92) Benzo(g,h,i)perylene	17.51	276	572006	49.252	nq	98

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



#1

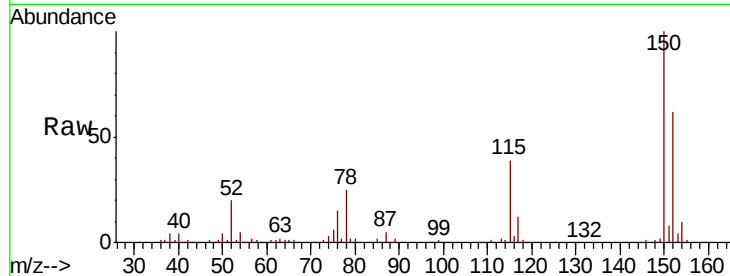
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	128.3	192.5
115	63.2	51.1	76.7

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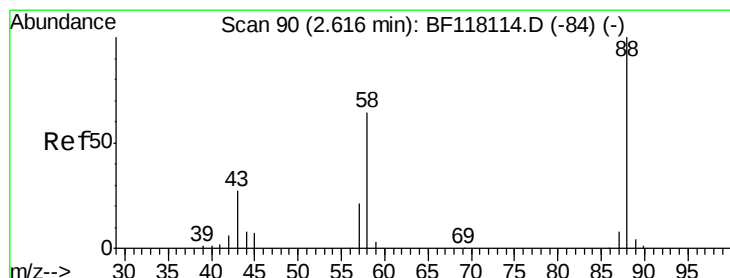
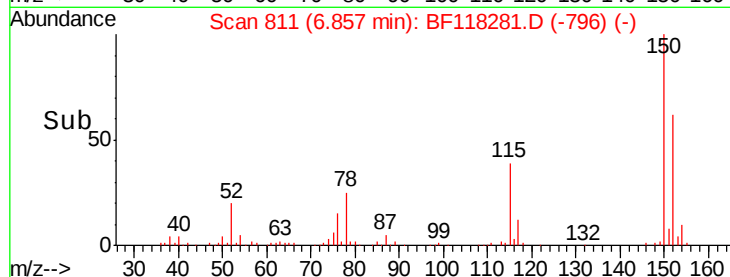
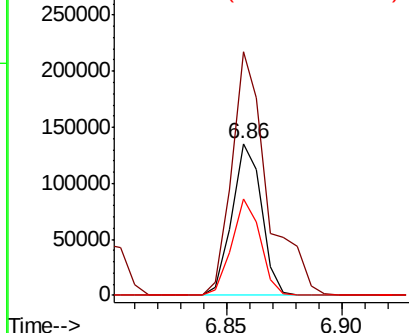


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

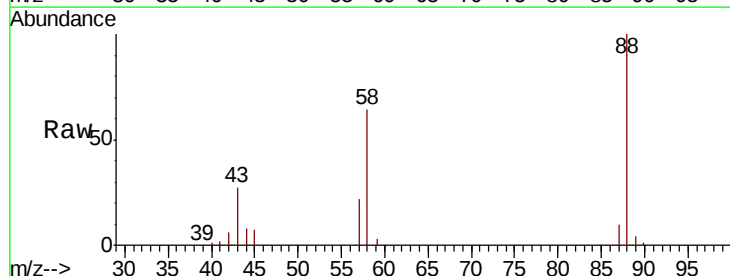
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.177 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.12 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	52.2	78.4
43	29.9	21.4	32.2

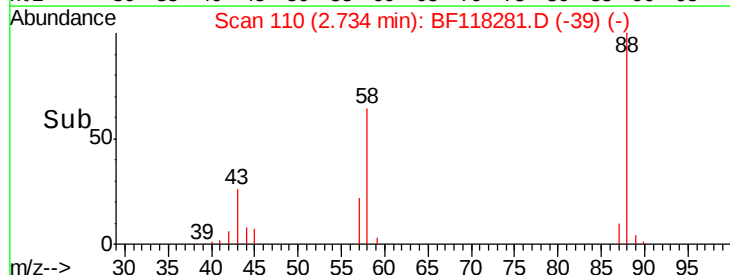
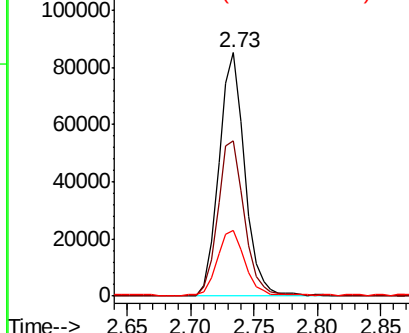


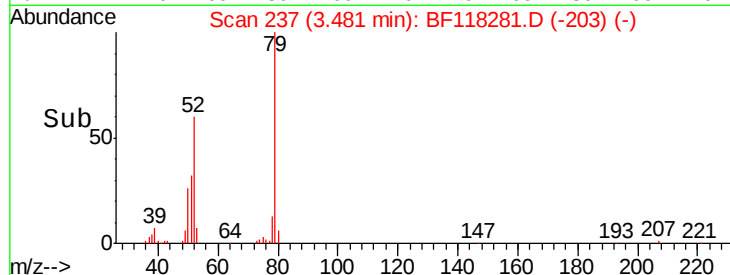
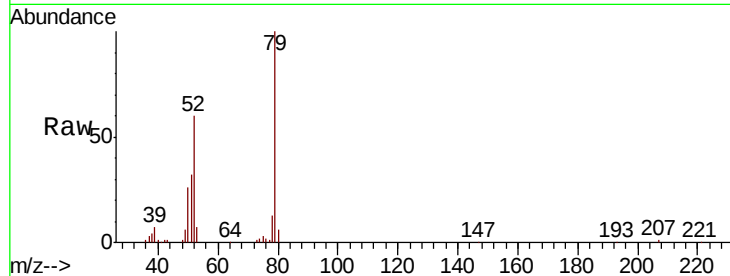
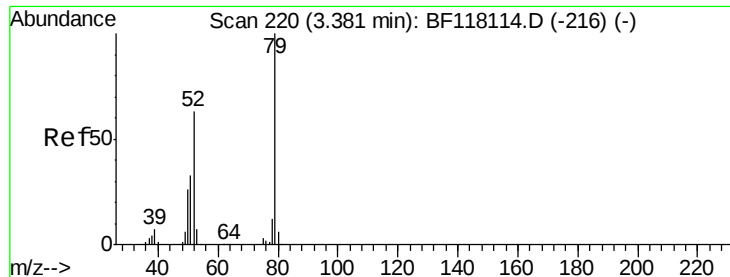
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





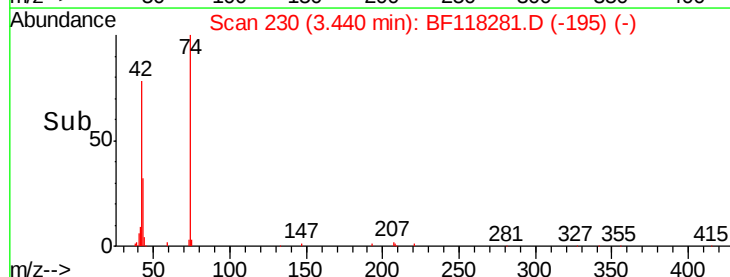
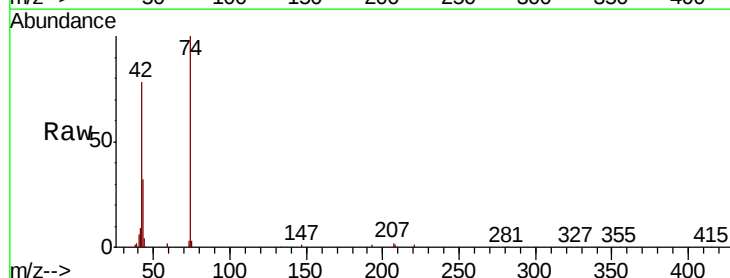
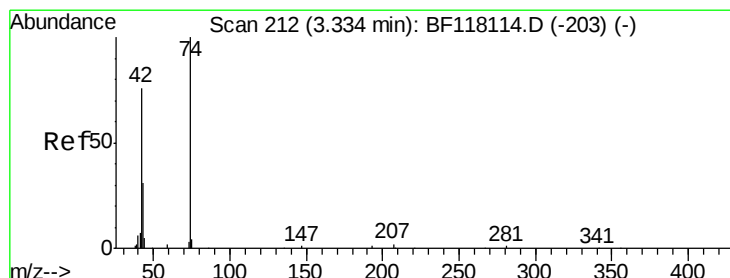
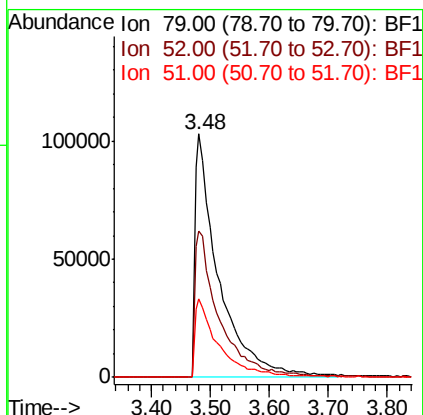
#3
 Pvridine
 Concen: 37.967 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.10 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tot Ion:	79	Resp:	286740
Ion Ratio	Lower	Upper	
79	100		
52	60.2	50.7	76.1
51	32.1	26.4	39.6

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

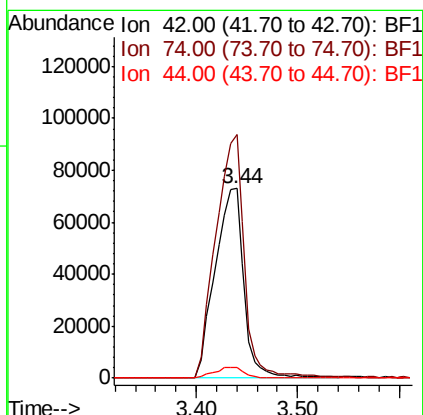
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#4
 n-Nitrosodimethylamine
 Concen: 44.280 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.11 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tgt Ion:	42	Resp:	143866
Ion Ratio	Lower	Upper	
42	100		
74	128.6	104.6	157.0
44	5.6	5.1	7.7





#5

2-Fluorophenol

Concen: 123.447 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

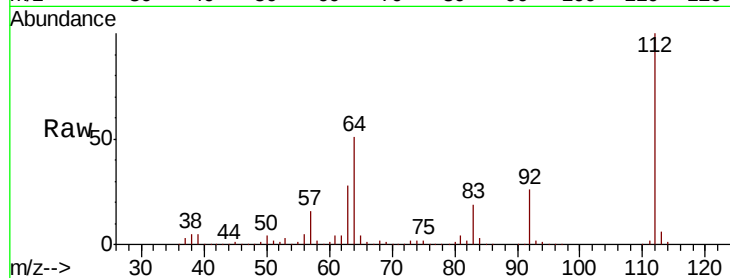
ClientSampleID :

PB125606BS

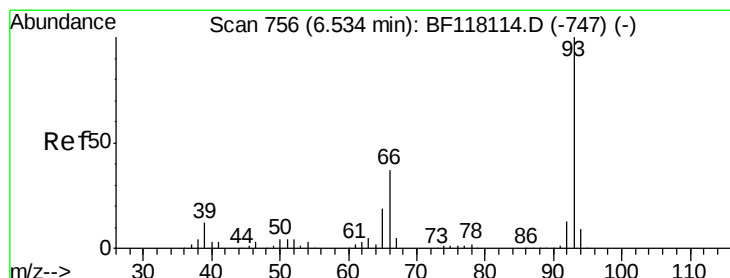
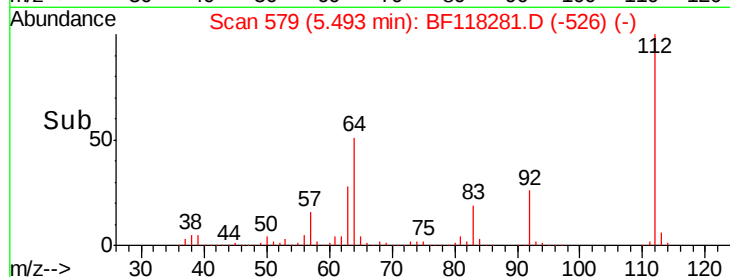
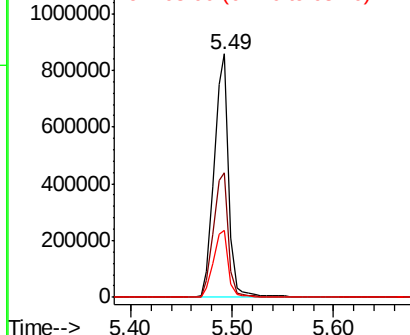
Tot Ion:	112	Resp:	857029
Ion Ratio	Lower	Upper	
112	100		
64	51.3	41.3	61.9
63	27.7	22.4	33.6

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.053 ng

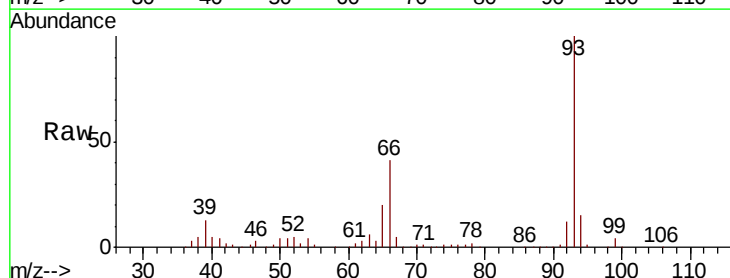
RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

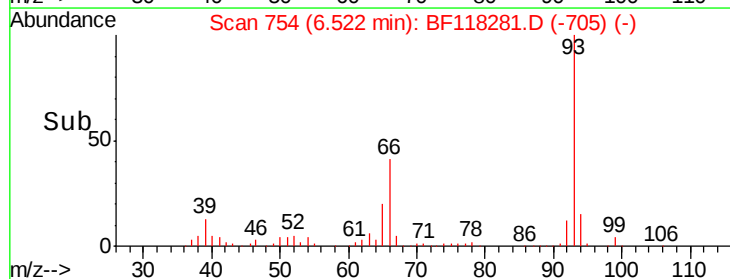
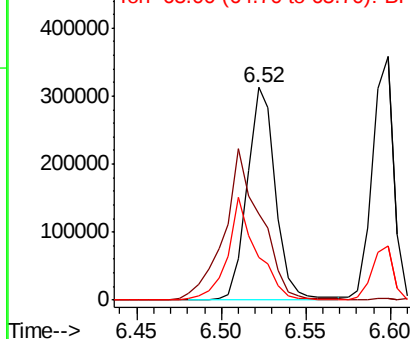
Lab File: BF118281.D

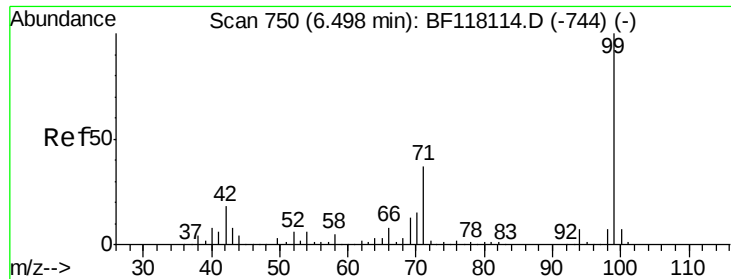
Acq: 19 Dec 2019 16:01

Tgt Ion:	93	Resp:	365773
Ion Ratio	Lower	Upper	
93	100		
66	40.7	30.2	45.2
65	20.2	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.538 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB125606BS

Tot Ion: 99 Resp: 1037368

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

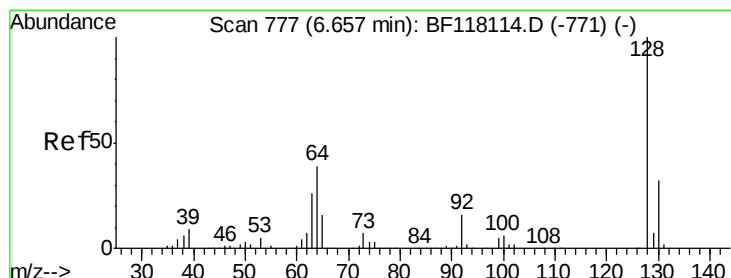
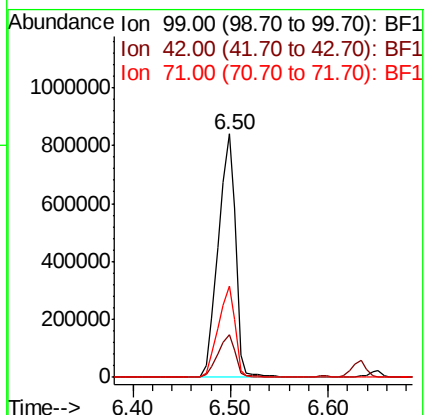
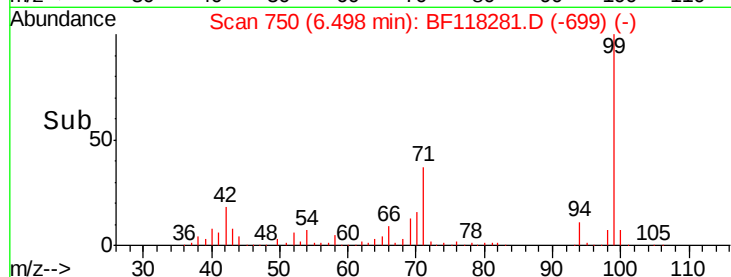
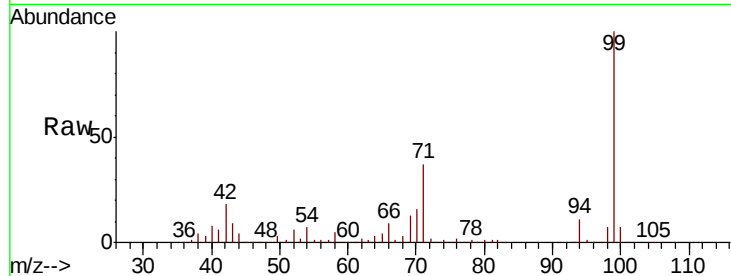
71 37.3 29.7 44.5

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#8

2-Chlorophenol

Concen: 46.927 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

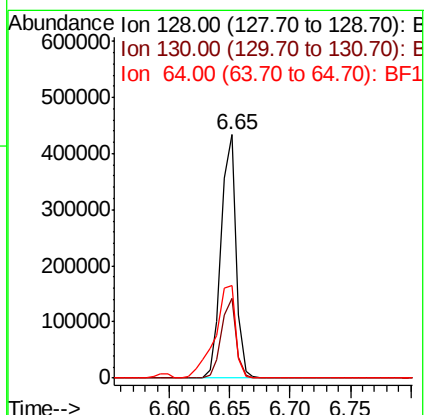
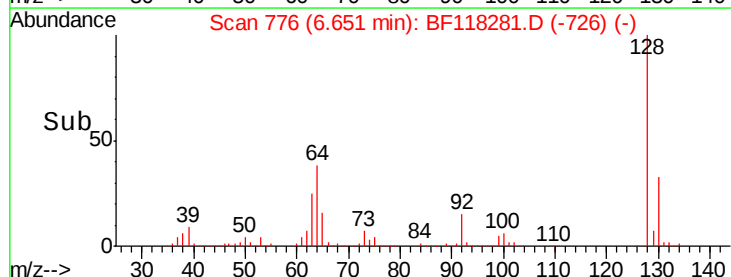
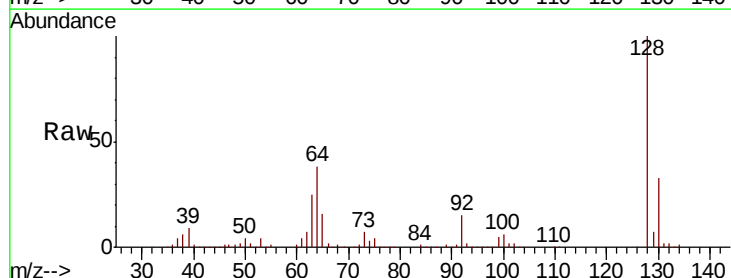
Tgt Ion: 128 Resp: 367352

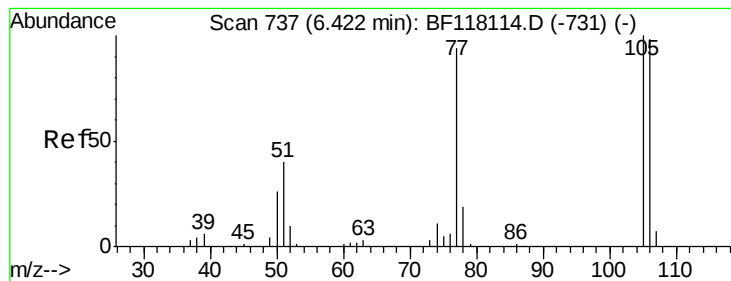
Ion Ratio Lower Upper

128 100

130 32.6 12.1 52.1

64 38.0 19.3 59.3





#9

Benzaldehyde

Concen: 59.753 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

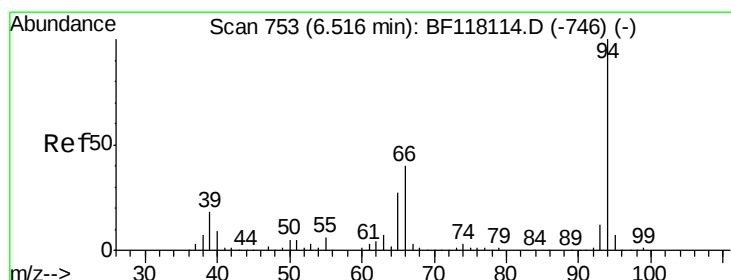
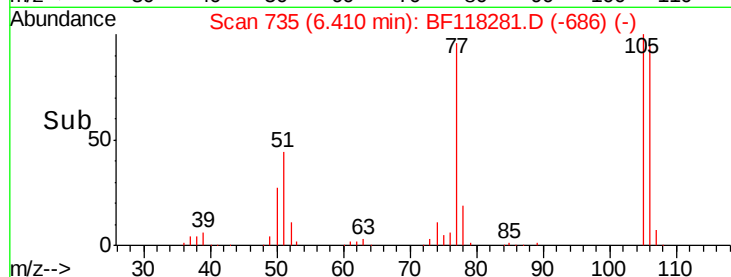
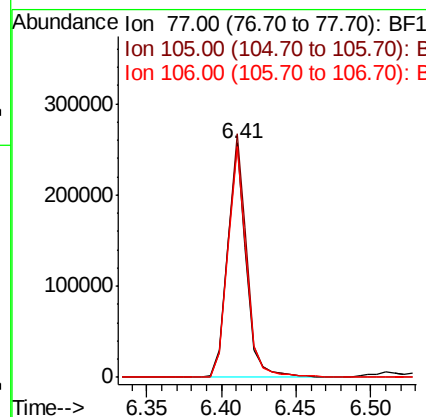
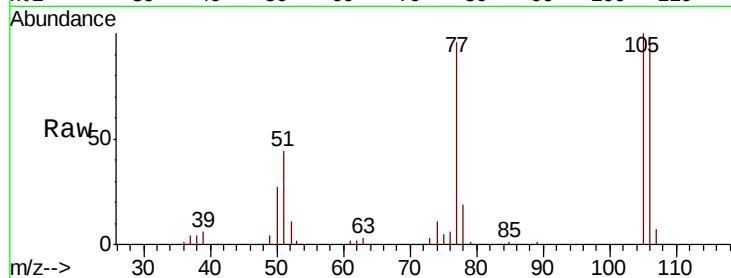
ClientSampleId :

PB125606BS

Tot Ion:	77	Resp:	226254
Ion Ratio	Lower	Upper	
77	100		
105	103.9	86.4	126.4
106	98.5	83.8	123.8

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#10

Phenol

Concen: 44.663 ng

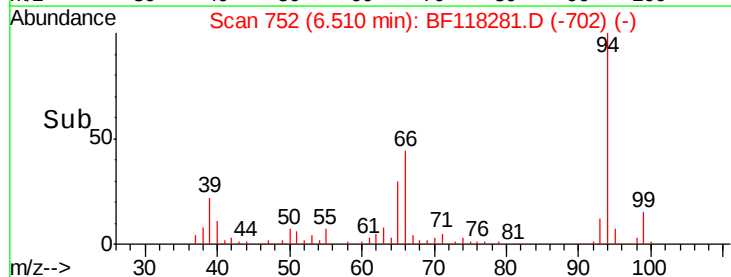
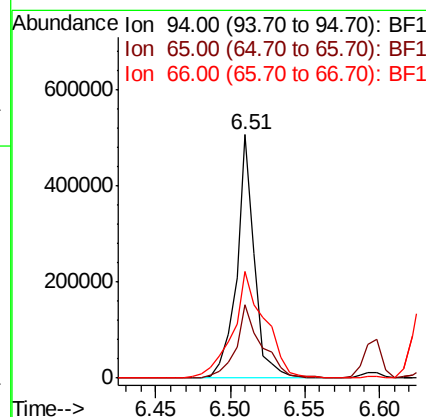
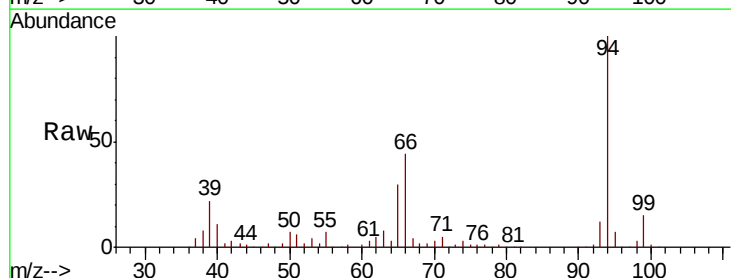
RT: 6.51 min Scan# 752

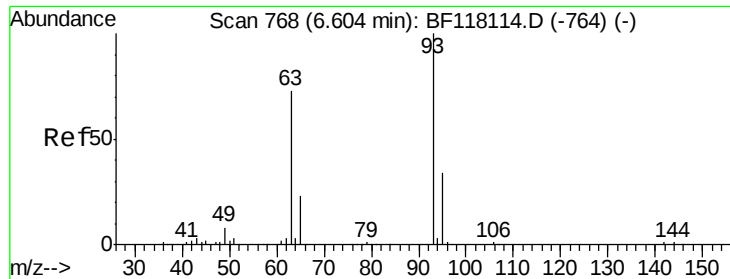
Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	94	Resp:	427704
Ion Ratio	Lower	Upper	
94	100		
65	29.9	7.3	47.3
66	43.8	20.2	60.2





#11

bis(2-Chloroethyl)ether

Concen: 45.666 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

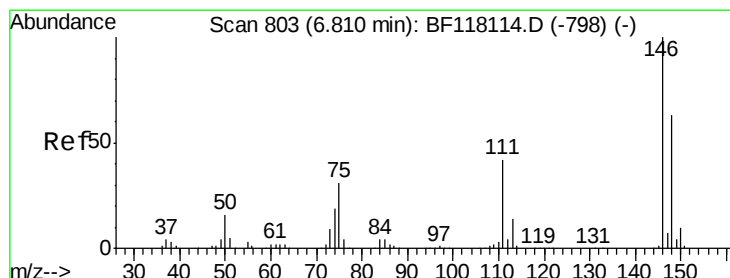
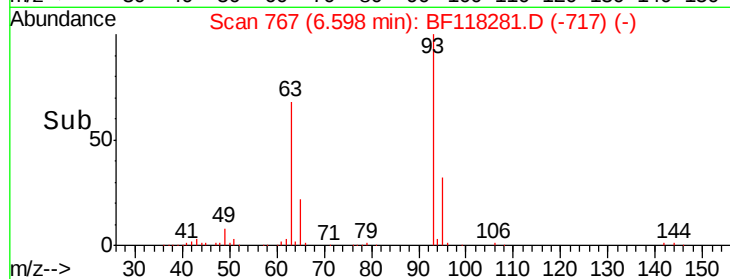
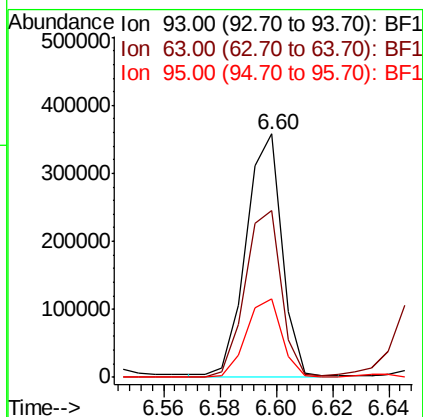
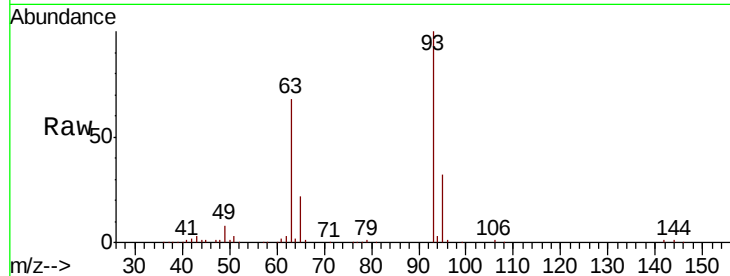
ClientSampleId :

PB125606BS

Tot Ion:	93	Resp:	316285
Ion Ratio	Lower	Upper	
93	100		
63	68.4	53.2	93.2
95	32.4	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 44.106 ng

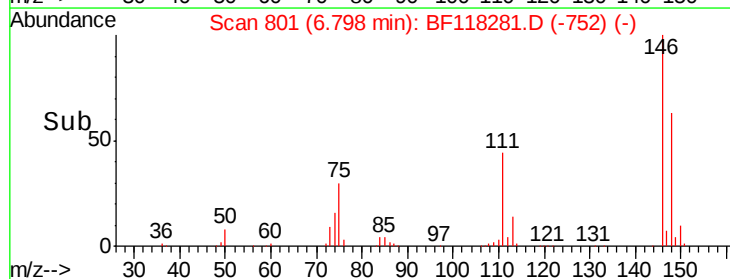
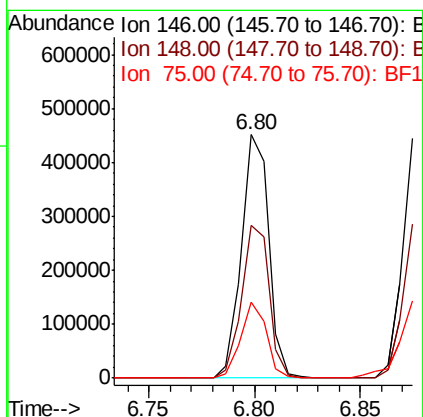
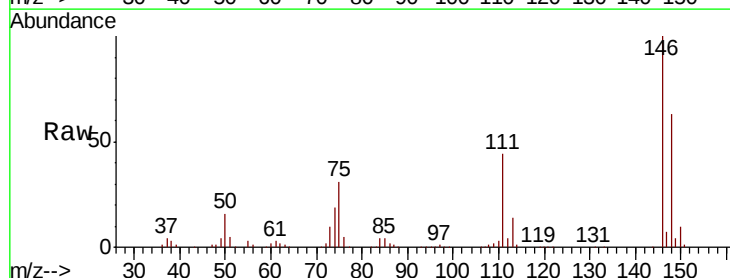
RT: 6.80 min Scan# 801

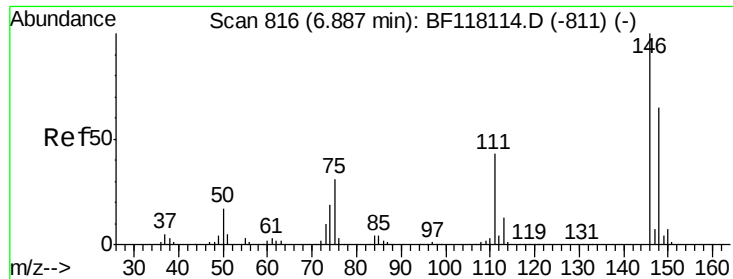
Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	146	Resp:	403340
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.2	75.4
75	31.1	24.6	37.0





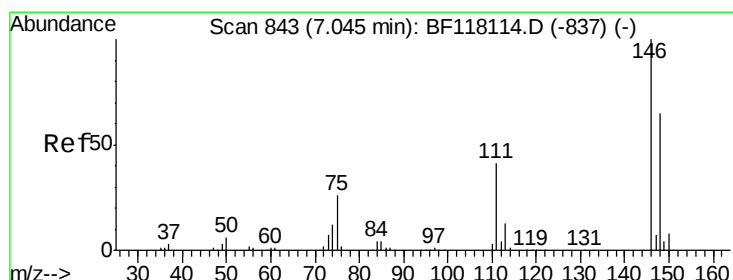
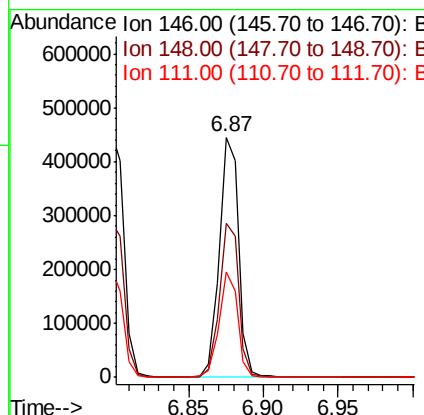
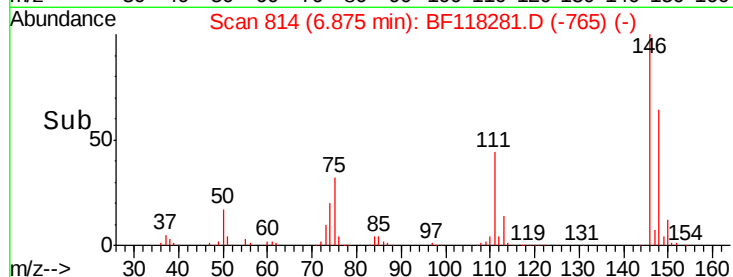
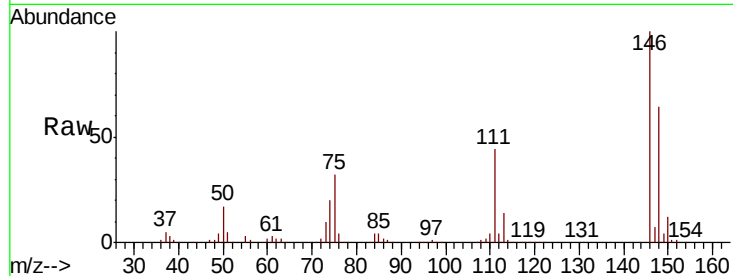
#13
1,4-Dichlorobenzene
Concen: 44.090 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleID :
PB125606BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
111	44.0	34.6	52.0

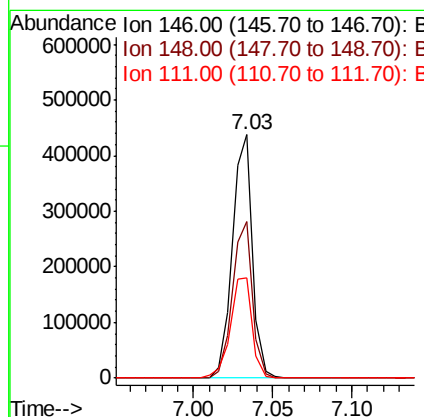
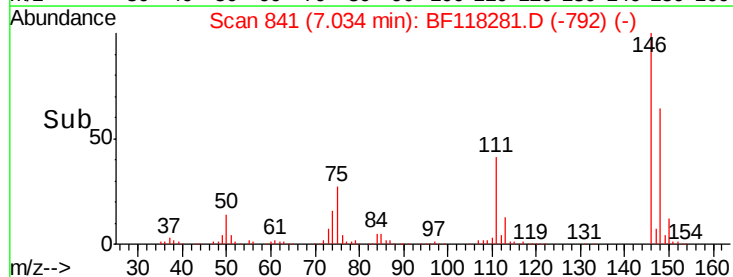
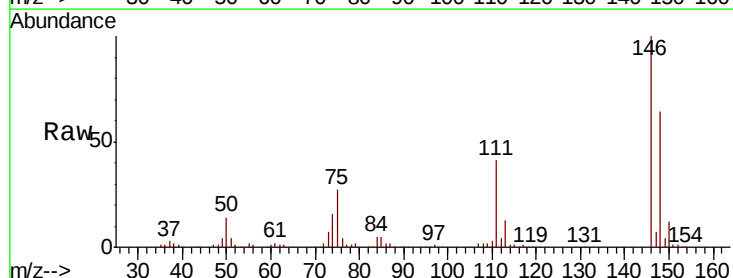
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#14
1,2-Dichlorobenzene
Concen: 44.169 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.4	33.1	49.7





#15

Benzyl Alcohol

Concen: 45.369 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

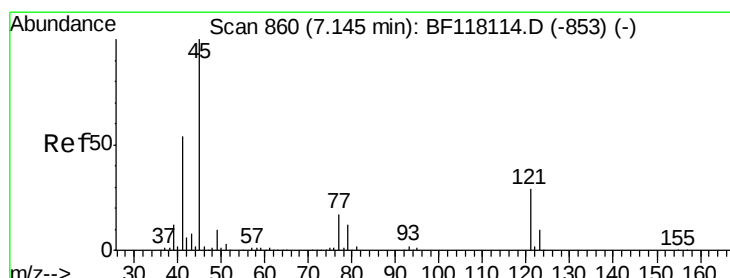
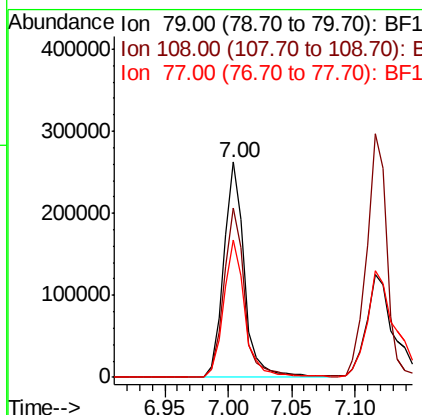
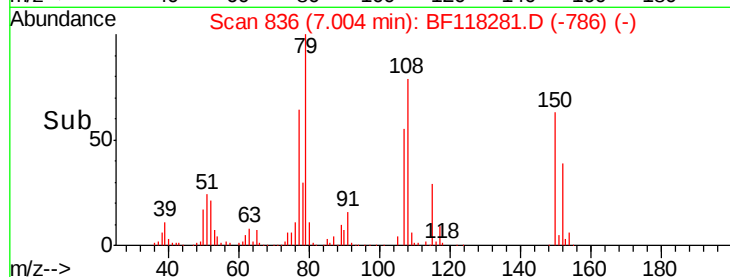
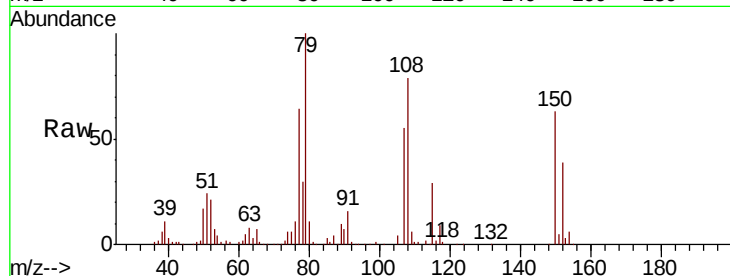
ClientSampleId :

PB125606BS

Tot Ion:	79	Resp:	297384
Ion Ratio	Lower	Upper	
79	100		
108	78.7	62.7	94.1
77	63.9	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.752 ng

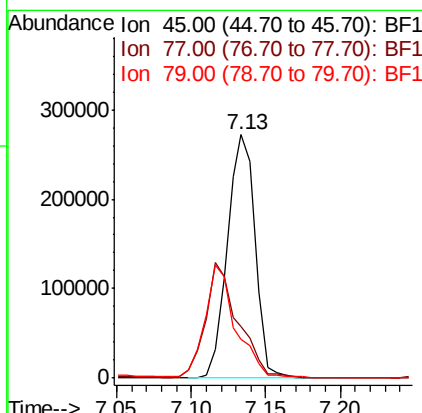
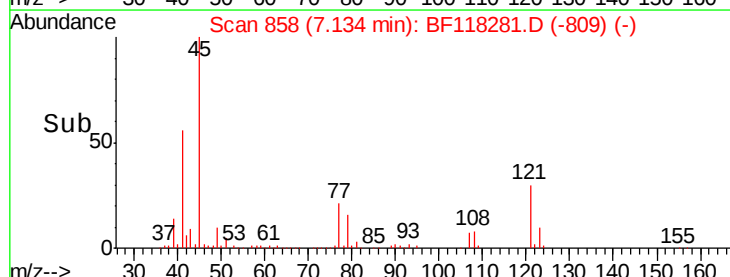
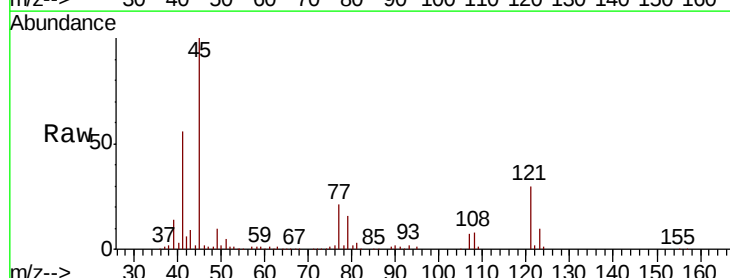
RT: 7.13 min Scan# 858

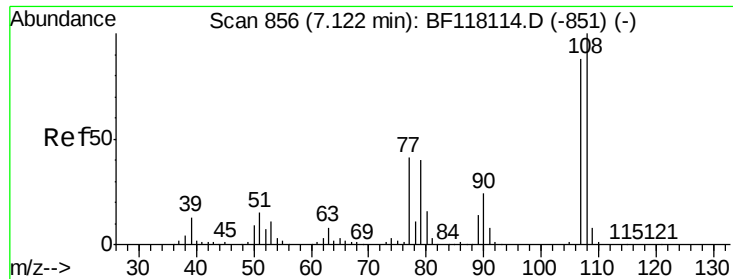
Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	45	Resp:	356017
Ion Ratio	Lower	Upper	
45	100		
77	21.0	0.0	38.0
79	16.2	0.0	33.2





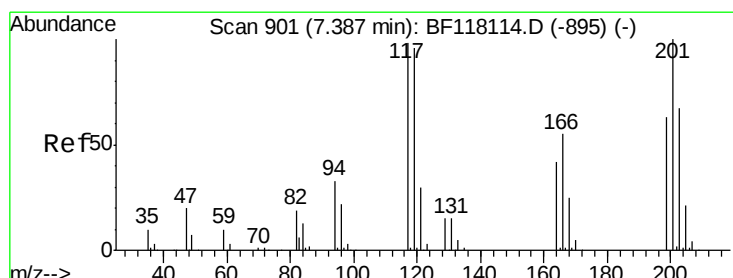
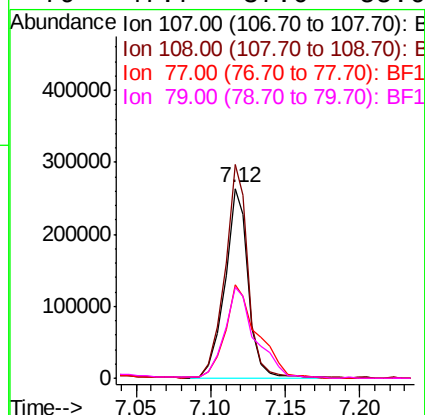
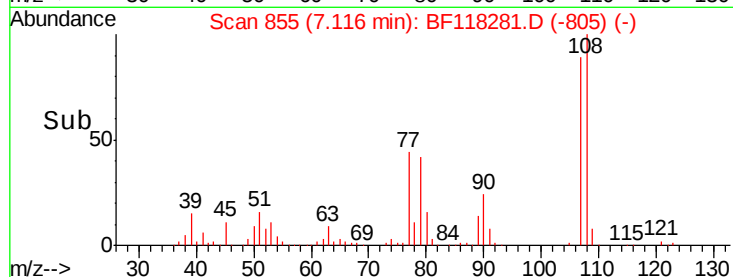
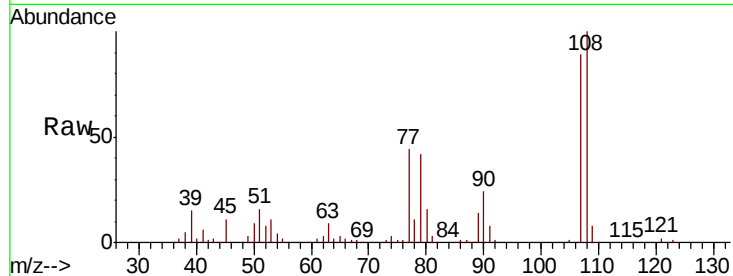
#17
2-Methylphenol
Concen: 46.533 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	49.0	37.8	56.6
79	47.7	37.0	55.6

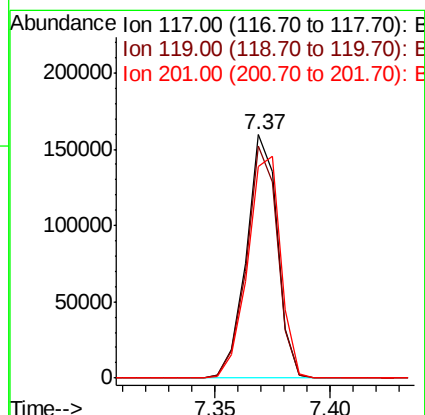
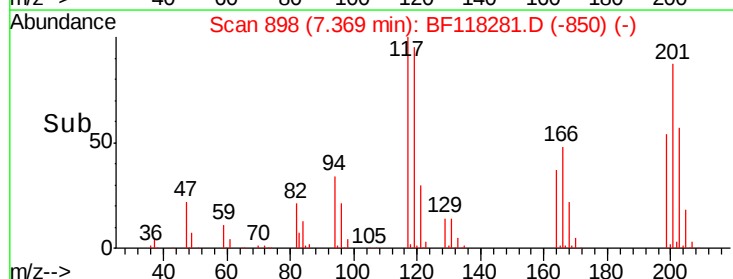
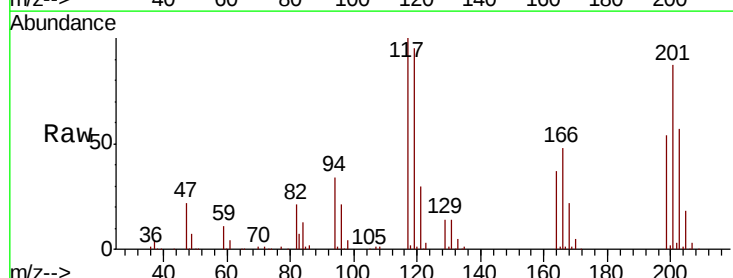
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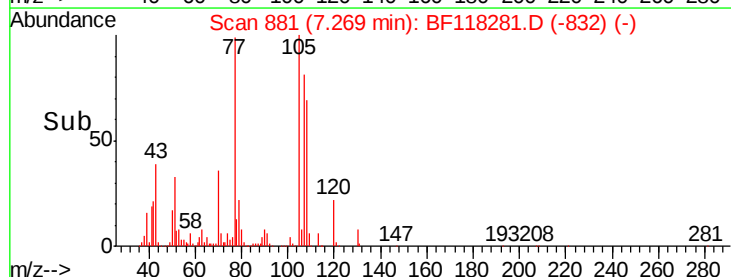
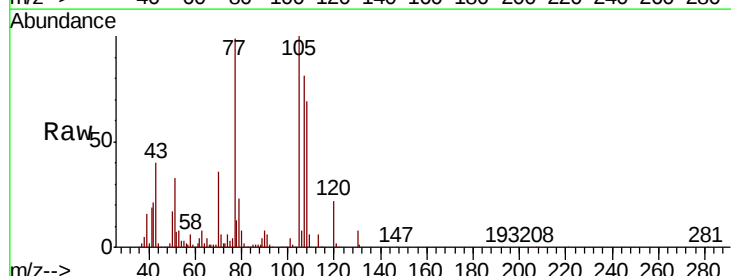
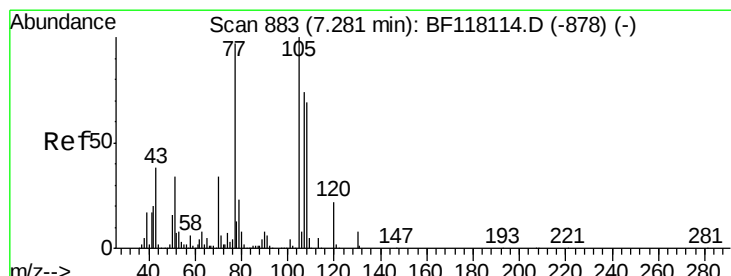
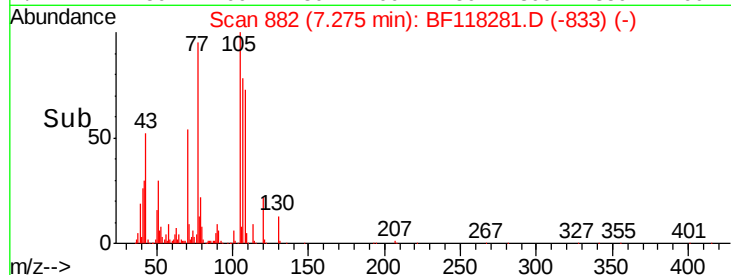
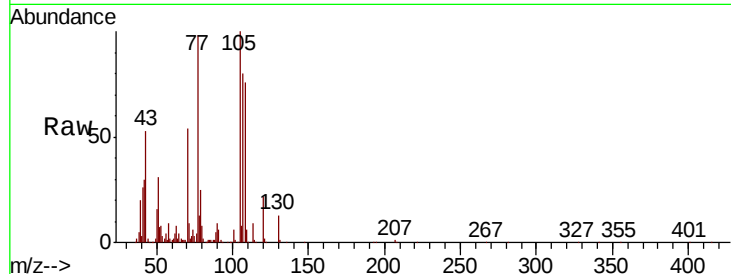
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#18
Hexachloroethane
Concen: 44.229 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.4
201	87.1	81.6	122.4





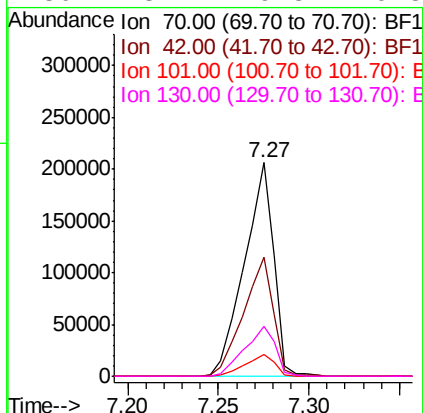
#19
n-Nitroso-di-n-propylamine
Concen: 45.535 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.6	43.2	64.8
101	10.5	8.1	12.1
130	23.4	19.8	29.8

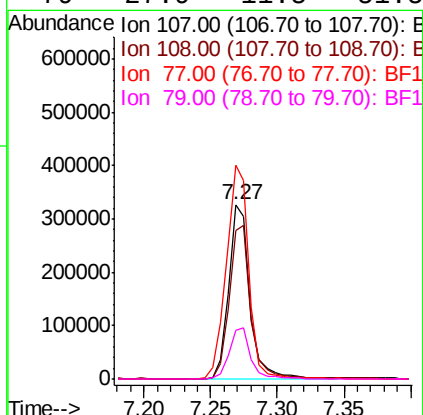
Manual Integrations
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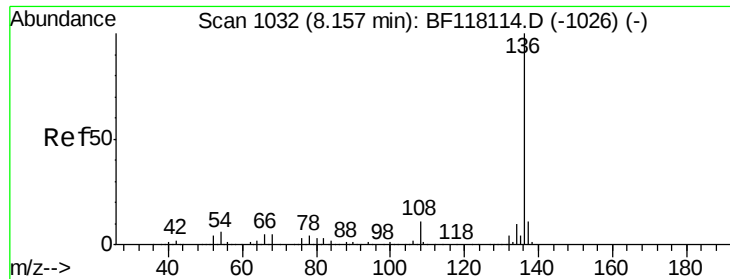
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#20
3+4-Methylphenols
Concen: 46.591 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	73.2	113.2
77	122.4	110.9	150.9
79	27.9	11.5	51.5





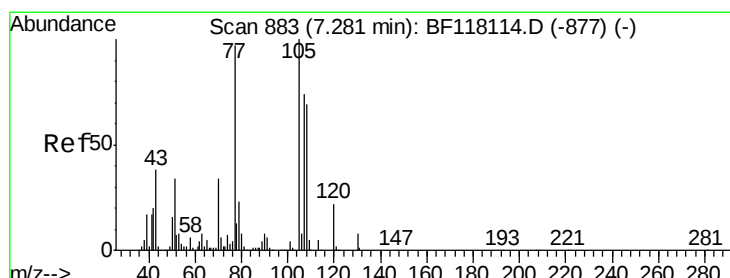
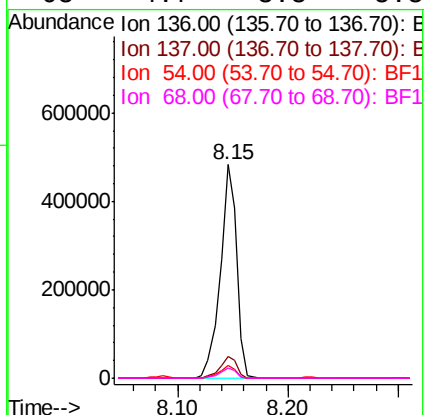
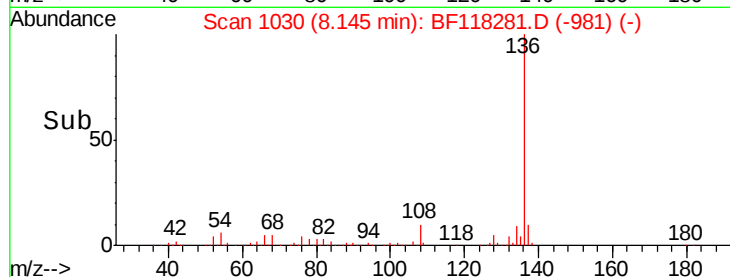
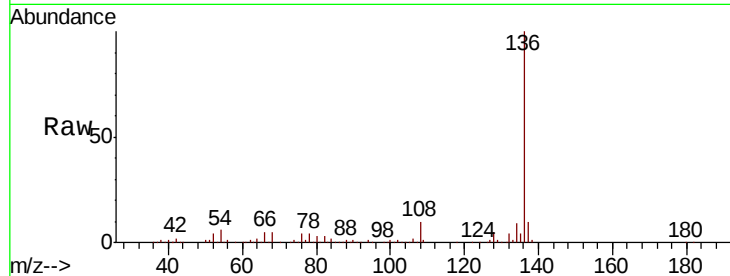
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		497001		
137	10.5	9.0	13.6		
54	6.3	5.0	7.6		
68	4.7	3.8	5.8		

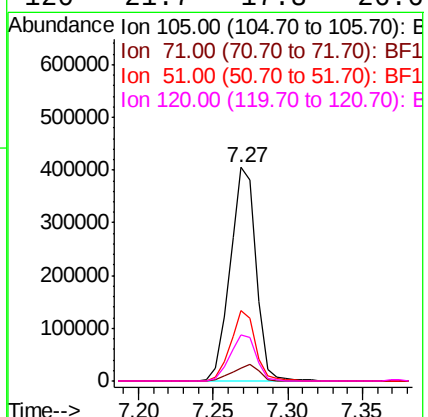
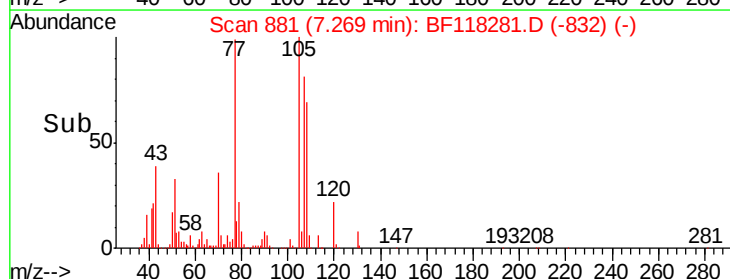
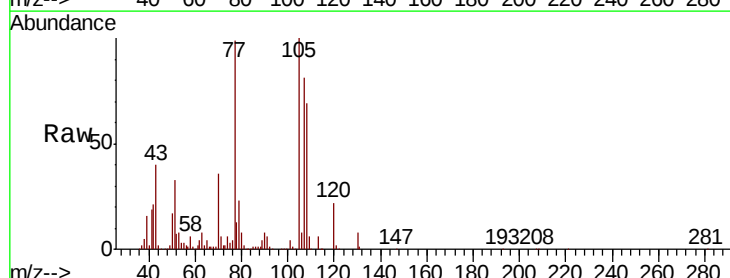
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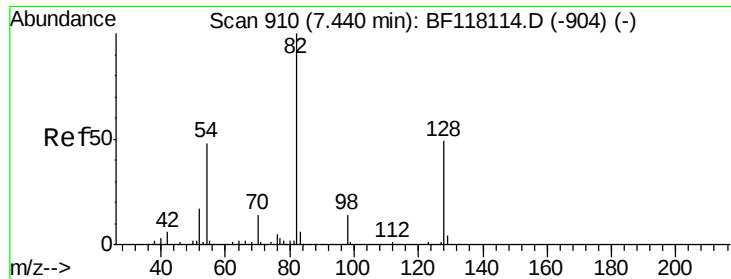
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#22
Acetophenone
Concen: 41.291 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		493021		
71	6.0	4.7	7.1		
51	33.1	27.1	40.7		
120	21.7	17.8	26.6		





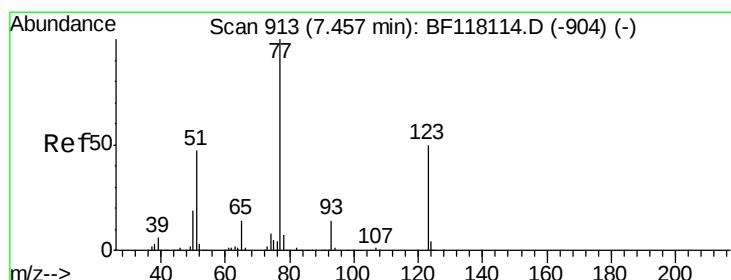
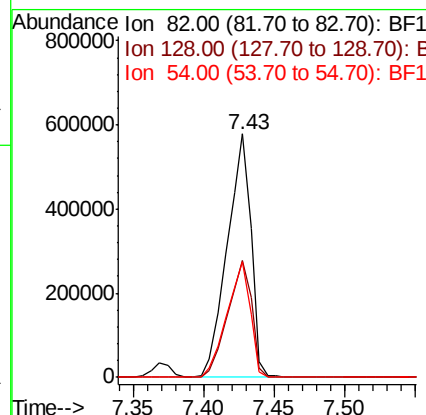
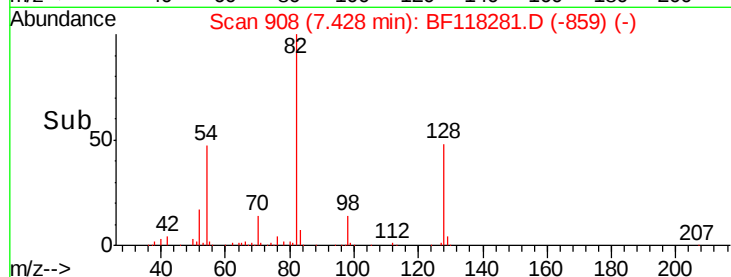
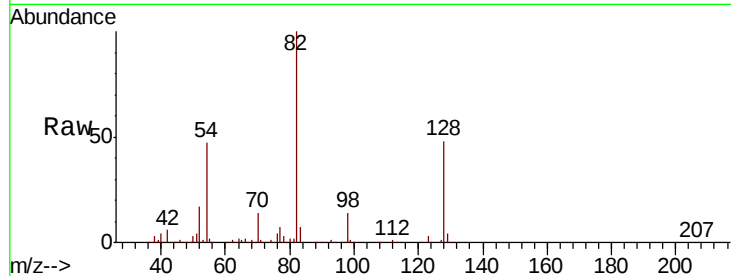
#23
Nitrobenzene-d5
Concen: 76.639 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	677059		
128	48.2		39.1	58.7
54	47.4		38.2	57.2

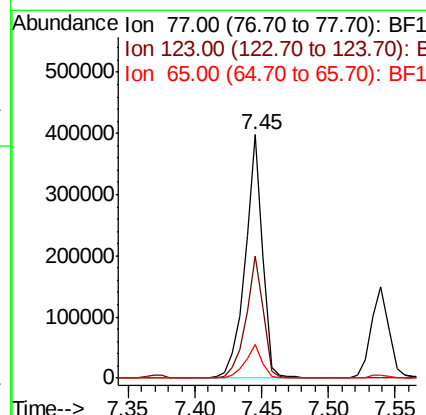
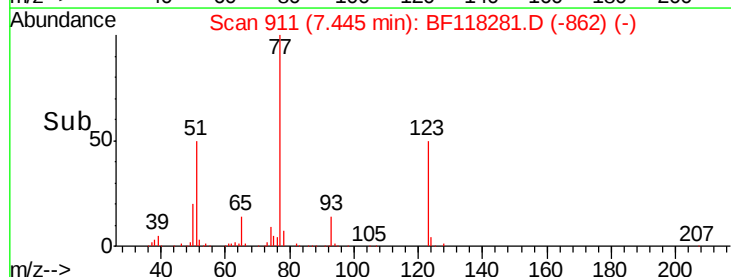
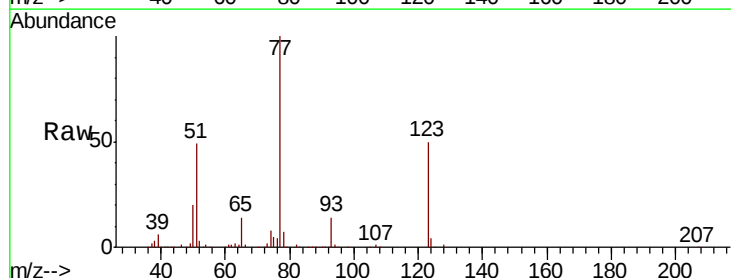
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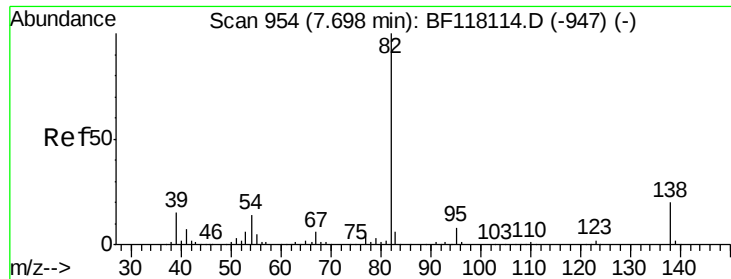
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#24
Nitrobenzene
Concen: 40.969 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	355593		
123	50.1		40.1	60.1
65	13.7		10.9	16.3





#25

Isophorone

Concen: 42.742 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

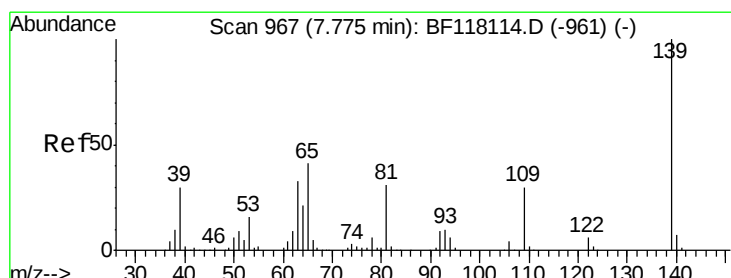
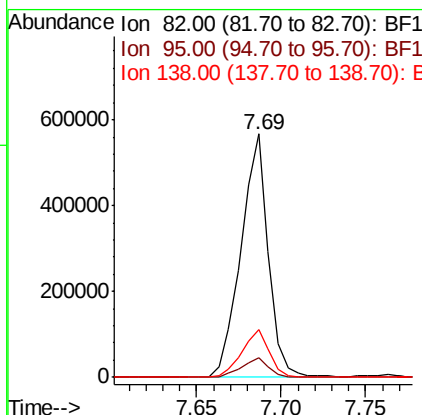
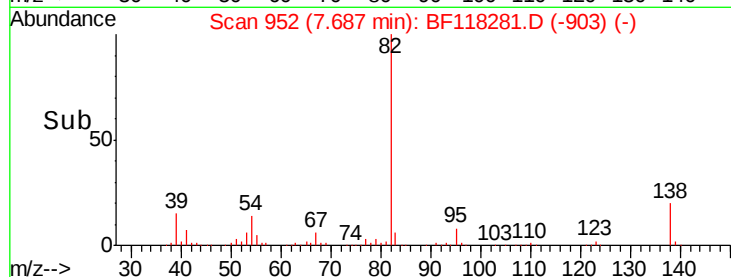
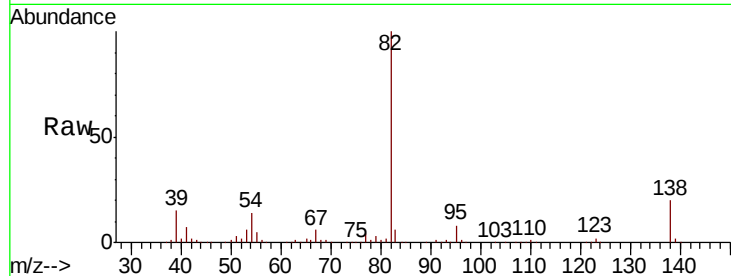
ClientSampleId :

PB125606BS

Tot Ion:	82	Resp:	640114
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.3	9.5
138	19.8	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.666 ng

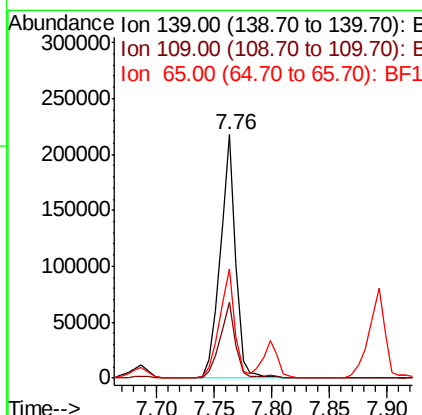
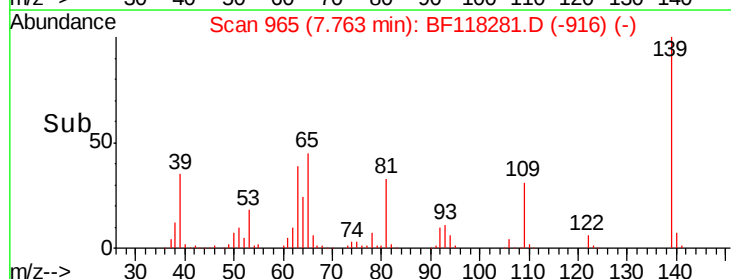
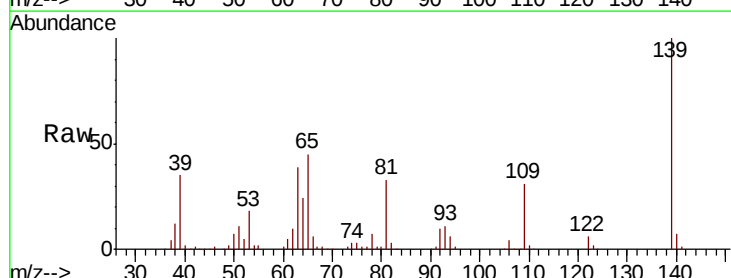
RT: 7.76 min Scan# 965

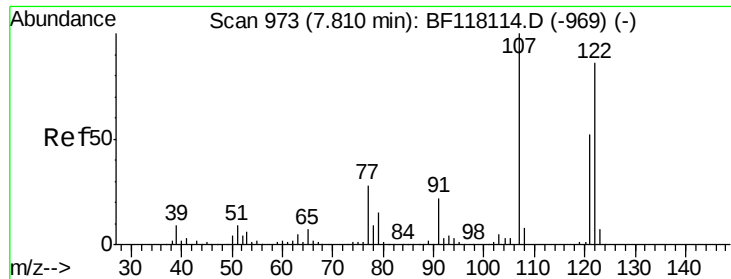
Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	139	Resp:	202575
Ion Ratio	Lower	Upper	
139	100		
109	31.4	23.9	35.9
65	45.1	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 50.169 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

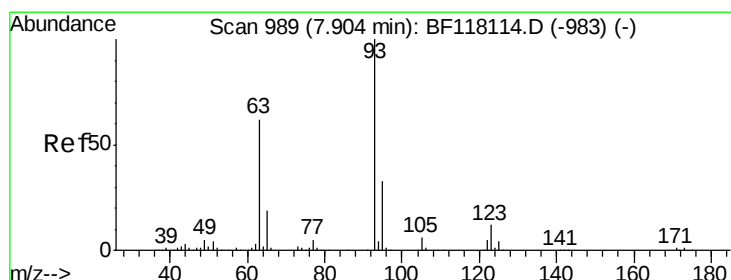
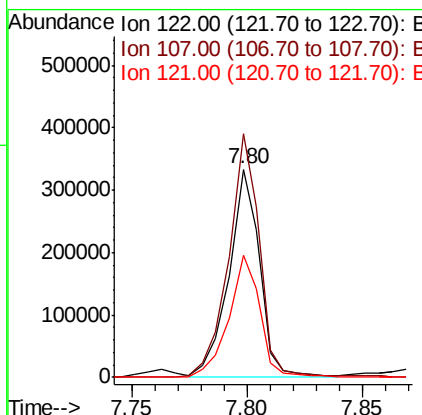
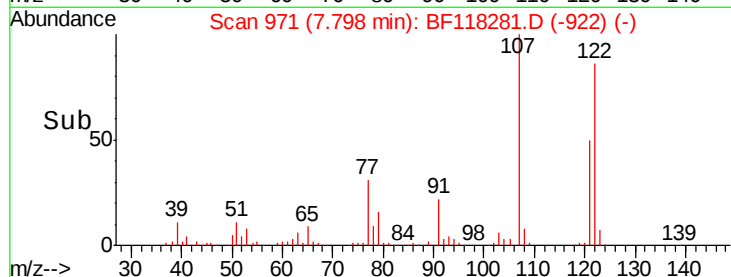
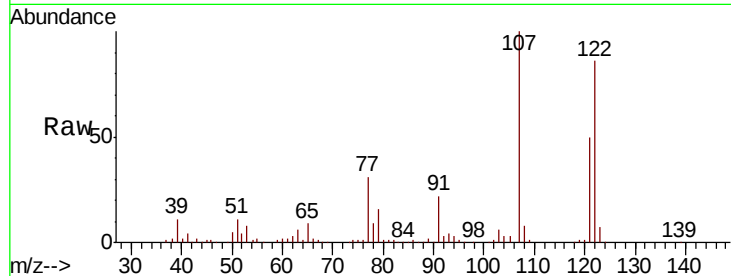
ClientSampleId :

PB125606BS

Tot Ion:	122	Resp:	310455
Ion Ratio	Lower	Upper	
122	100		
107	116.9	92.9	139.3
121	58.4	48.3	72.5

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#28

bis(2-Chloroethoxy)methane

Concen: 40.944 ng

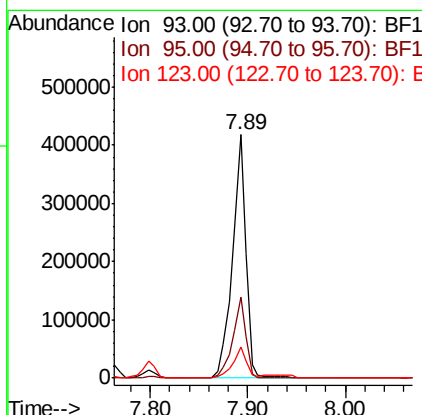
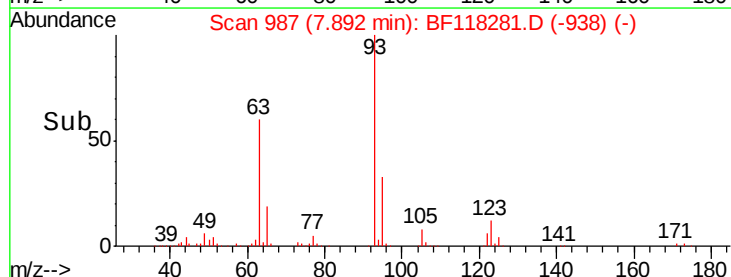
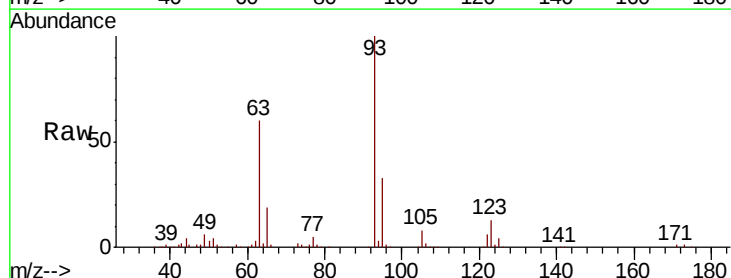
RT: 7.89 min Scan# 987

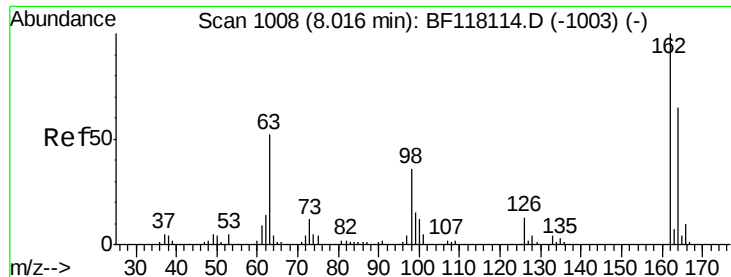
Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	93	Resp:	400670
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.7	40.1
123	12.6	10.0	15.0





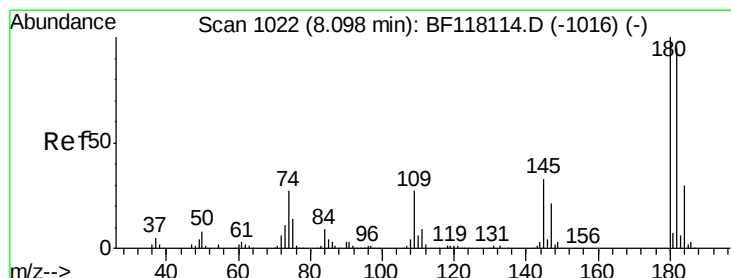
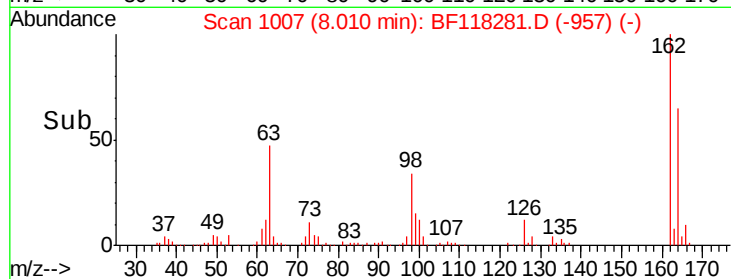
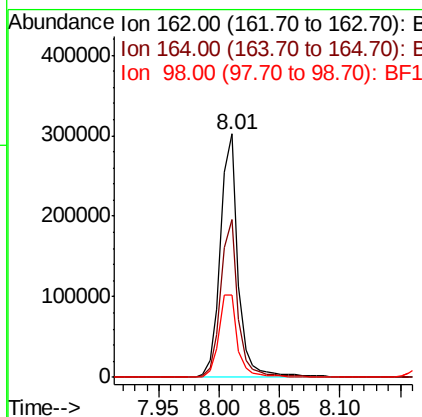
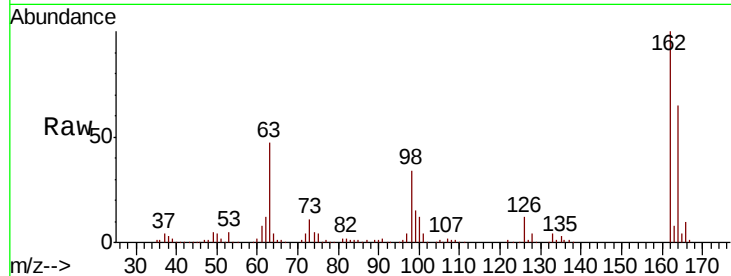
#29
 2,4-Dichlorophenol
 Concen: 42.474 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	306407		
164	64.9	45.2	85.2	
98	33.7	15.9	55.9	

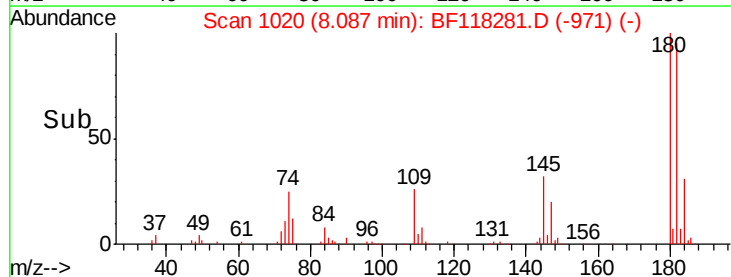
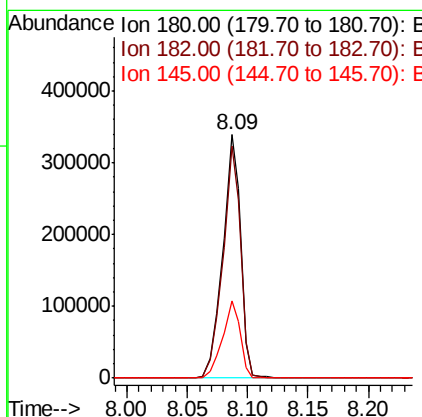
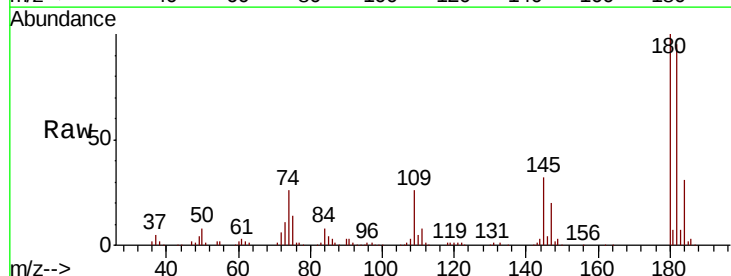
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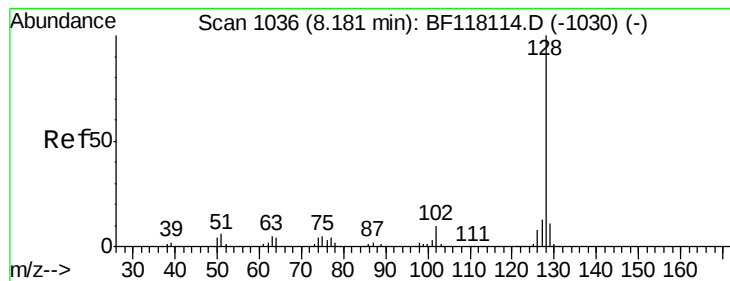
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.005 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	345697		
182	95.2	76.1	114.1	
145	31.6	26.1	39.1	





#31

Naphthalene

Concen: 42.981 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB125606BS

Tot Ion:128 Resp: 1072826

Ion Ratio Lower Upper

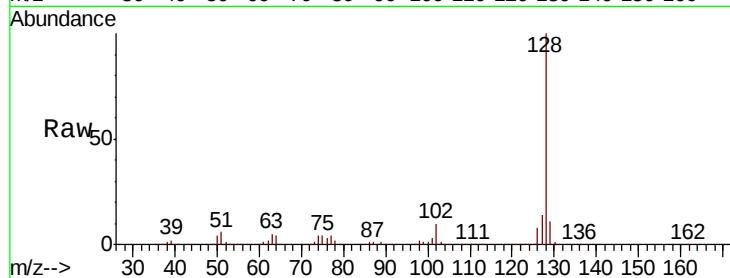
128 100

129 11.3 9.1 13.7

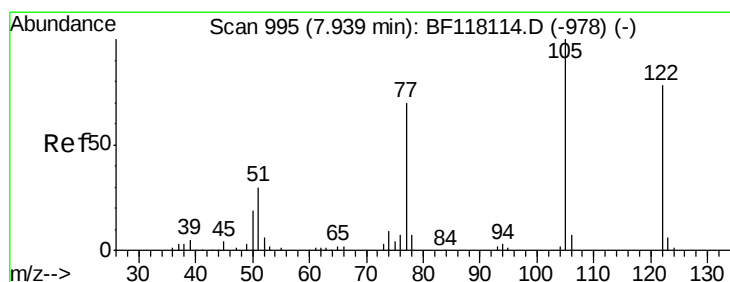
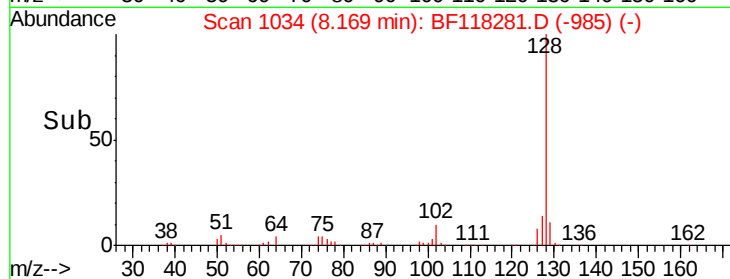
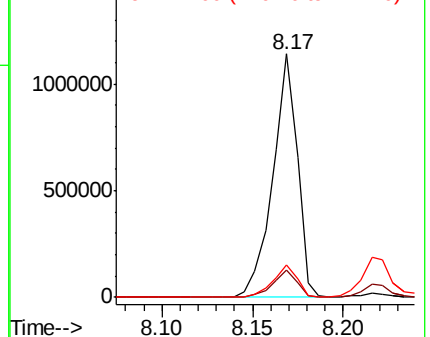
127 13.6 10.6 16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.683 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

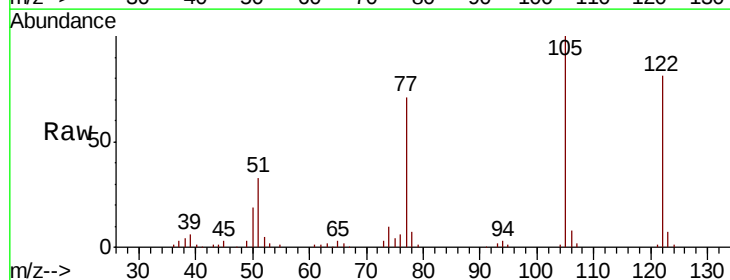
Tgt Ion:122 Resp: 216132

Ion Ratio Lower Upper

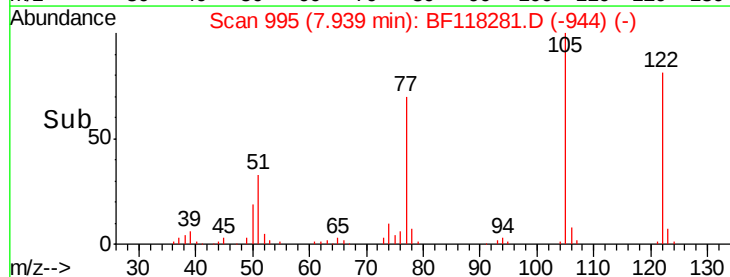
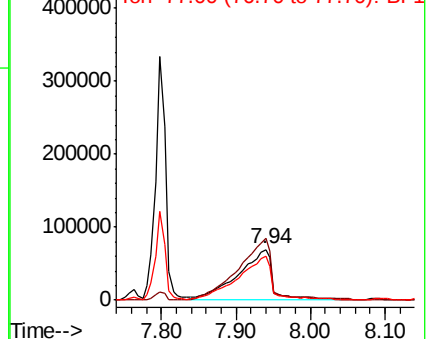
122 100

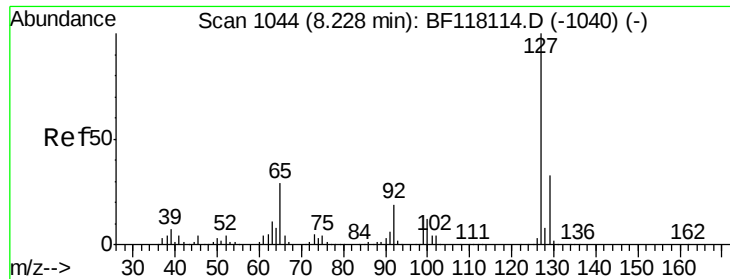
105 123.4 104.7 144.7

77 87.9 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





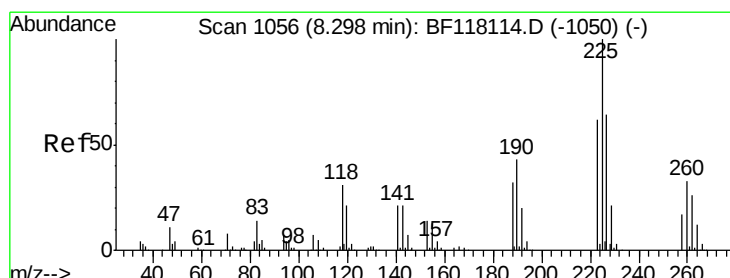
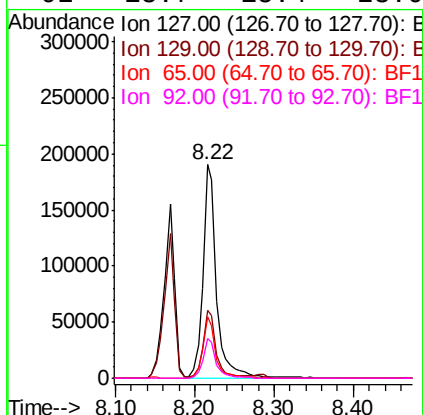
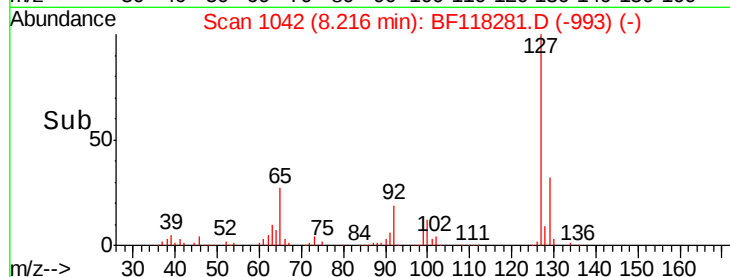
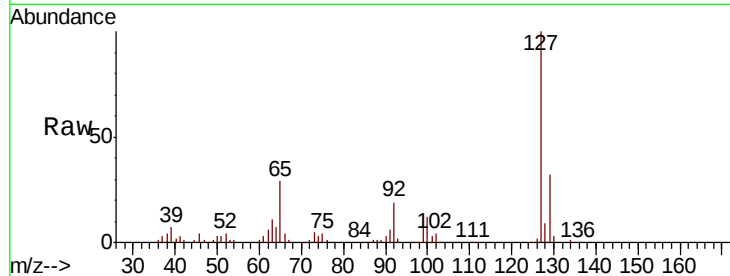
#33
4-Chloroaniline
Concen: 21.281 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	229355		
129	31.5	26.6	40.0	
65	28.5	23.2	34.8	
92	18.7	15.4	23.0	

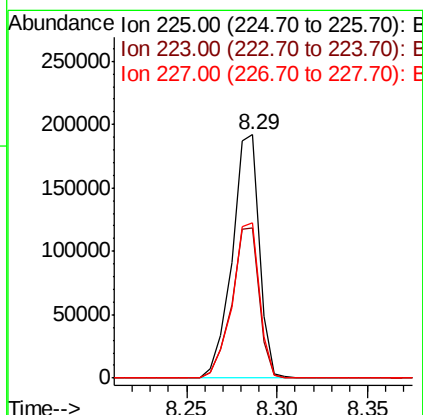
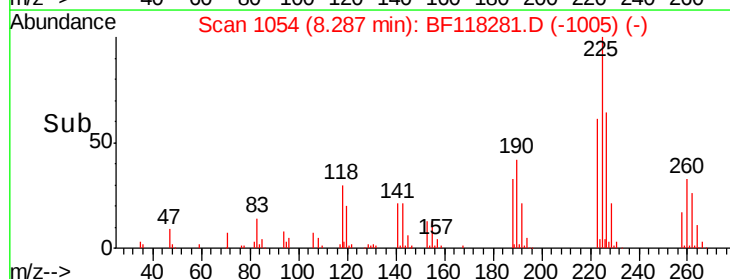
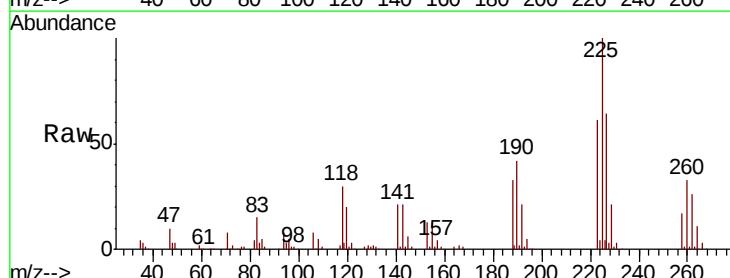
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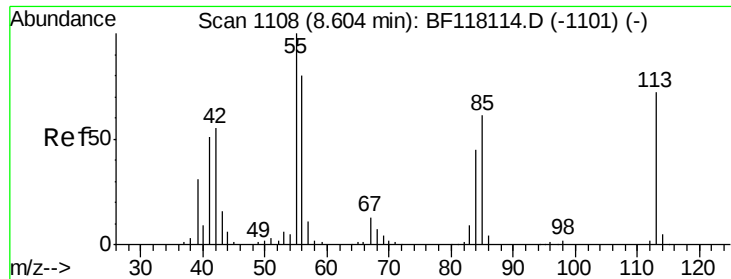
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#34
Hexachlorobutadiene
Concen: 39.440 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	199388		
223	61.4	49.6	74.4	
227	63.9	51.0	76.6	





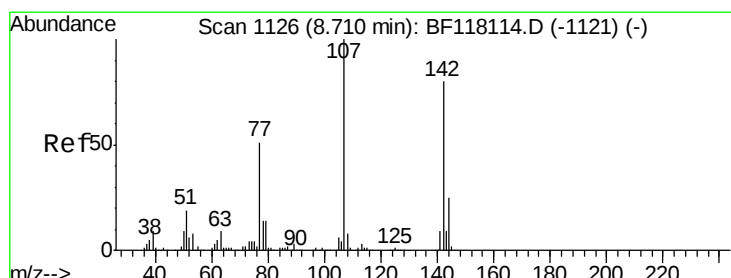
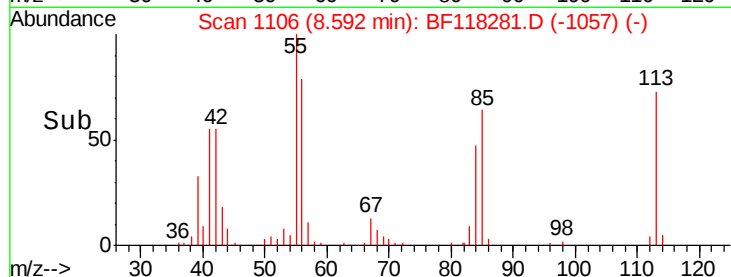
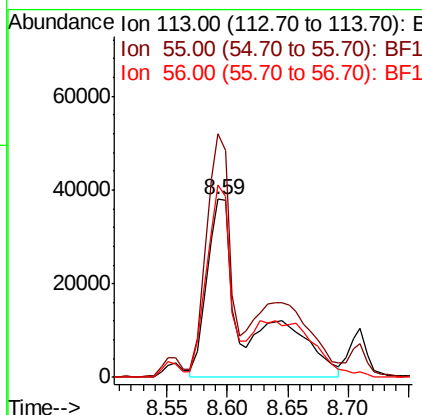
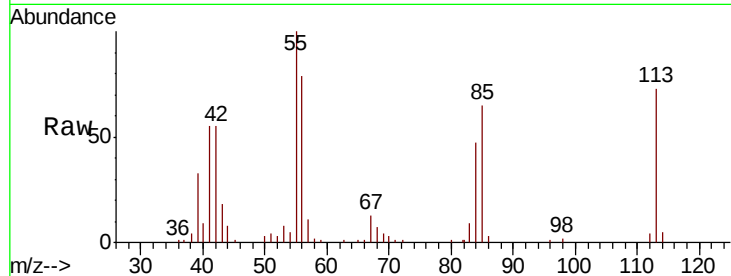
#35
Caprolactam
Concen: 41.406 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.0	118.9	158.9
56	108.6	91.4	131.4

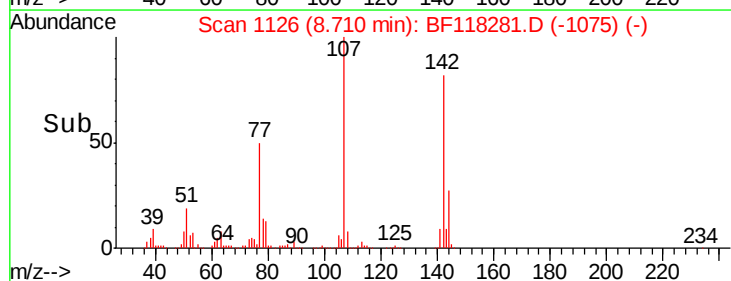
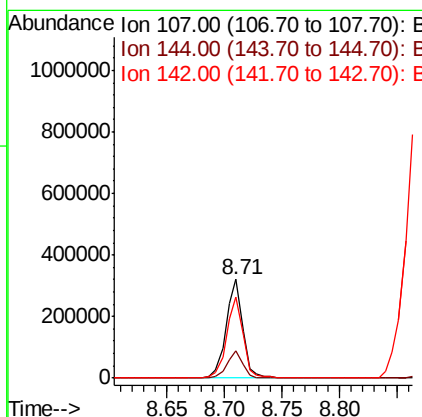
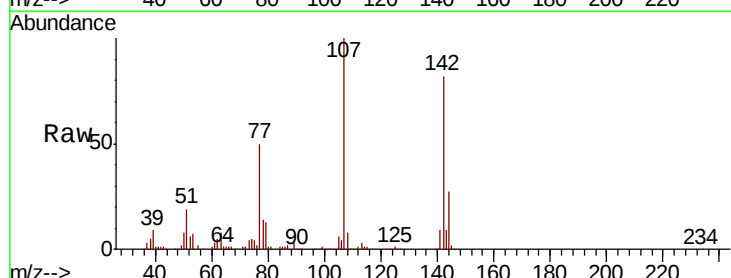
Manual Integrations
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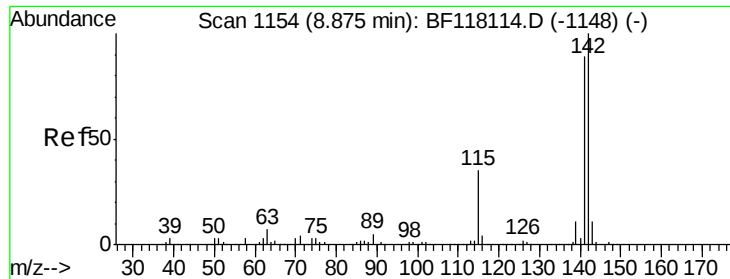
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#36
4-Chloro-3-methylphenol
Concen: 42.219 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.3	30.5
142	82.3	63.7	95.5





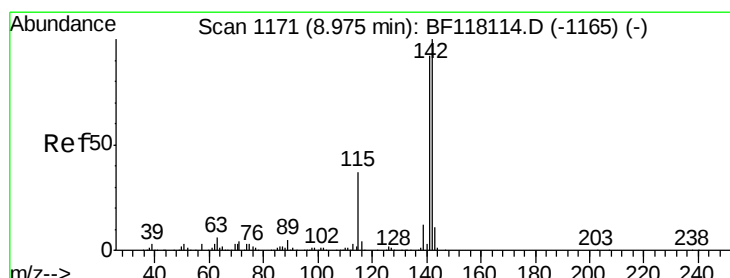
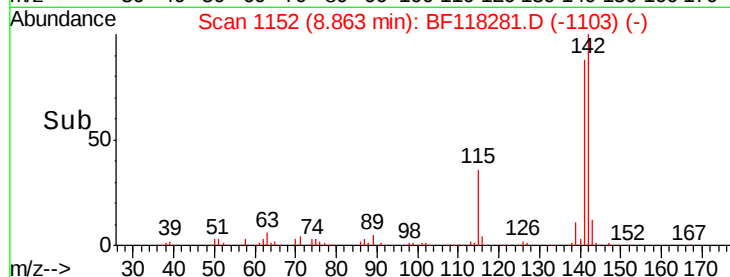
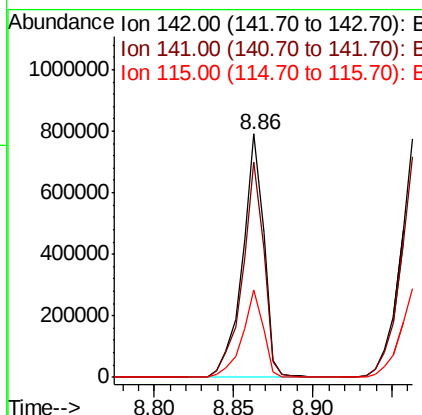
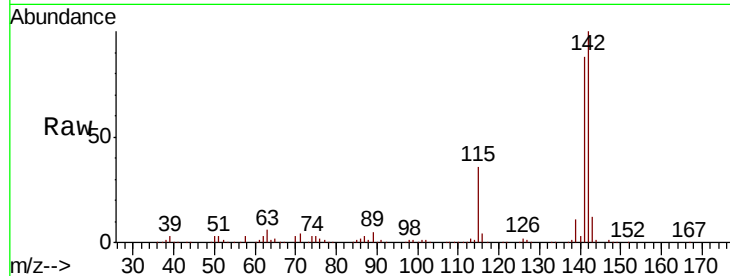
#37
2-Methylnaphthalene
Concen: 43.735 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.0
115	36.1	28.2	42.4

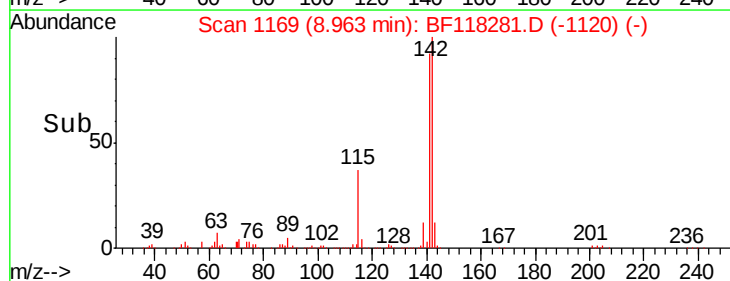
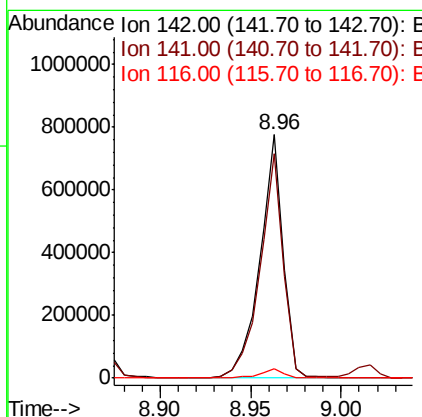
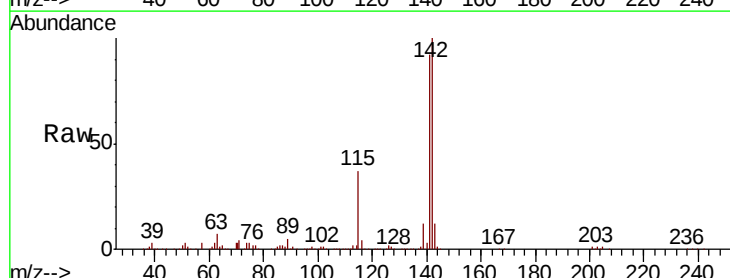
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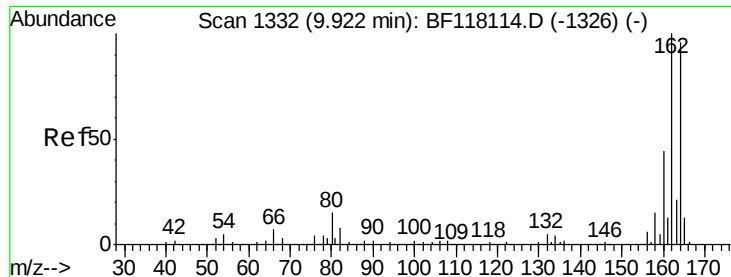
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#38
1-Methylnaphthalene
Concen: 43.415 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.0	111.0
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

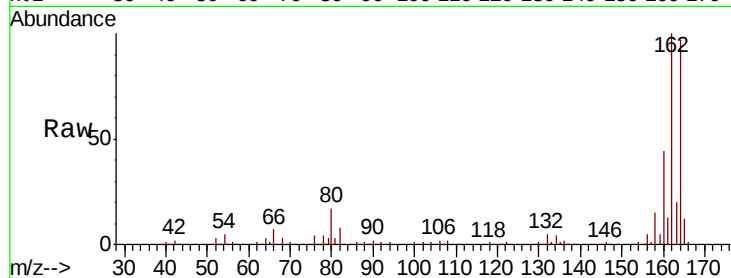
ClientSampleId :

PB125606BS

Tot Ion:	164	Resp:	262195
Ion Ratio	Lower	Upper	
164	100		
162	102.9	83.4	125.0
160	45.4	36.6	54.8

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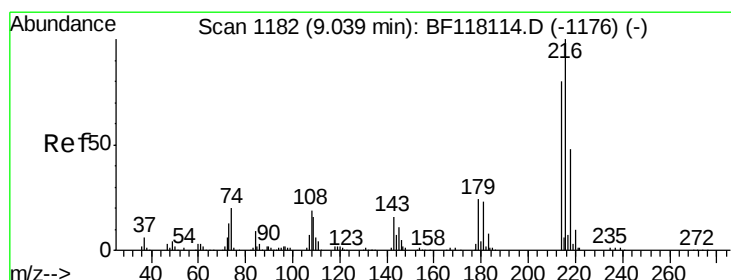
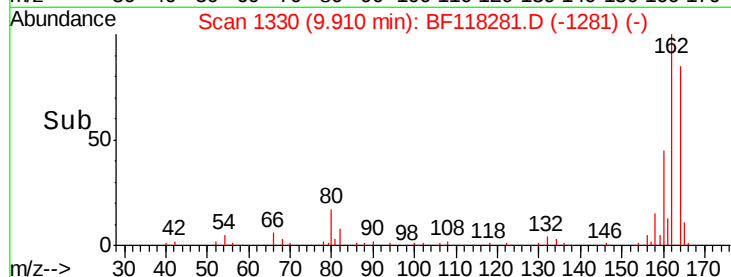
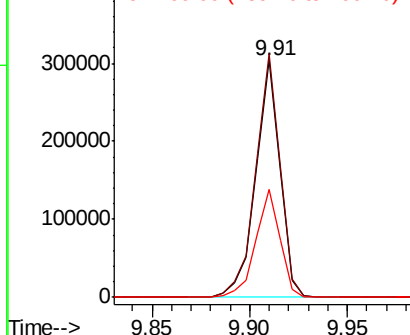


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.234 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	216	Resp:	319574
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.4	95.2
179	23.3	18.6	27.8
108	20.9	15.4	23.0

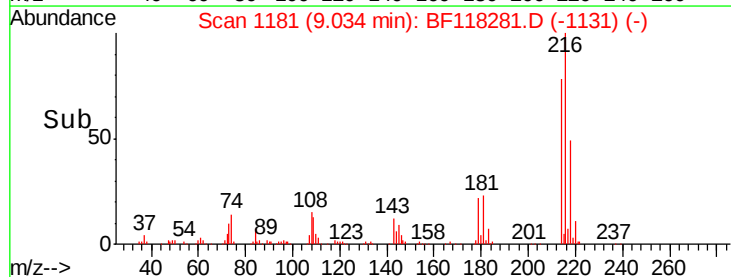
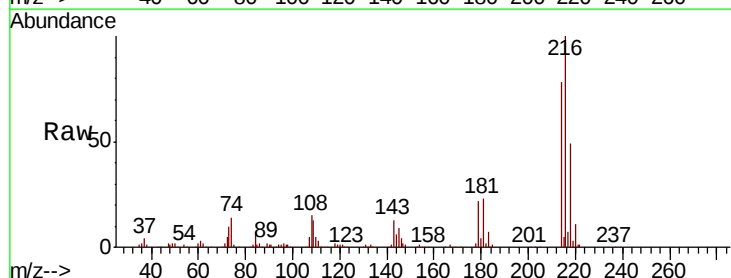
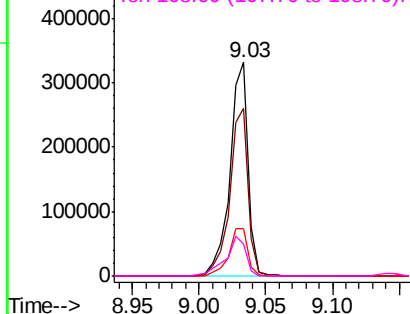
Abundance

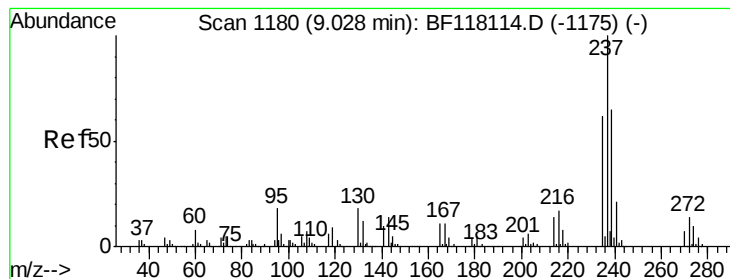
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 85.471 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

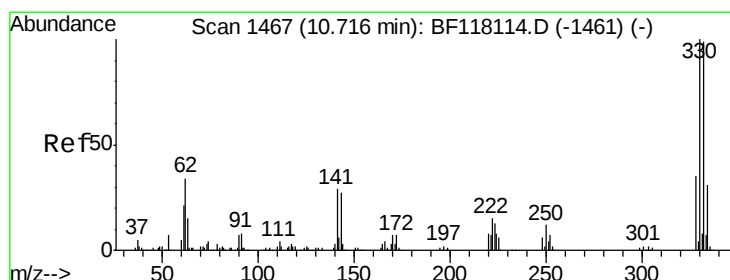
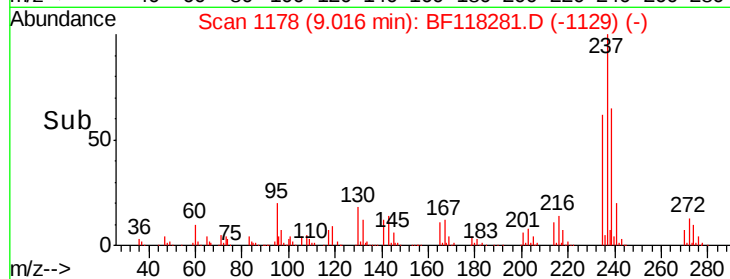
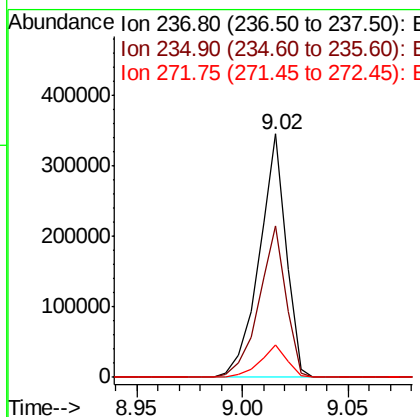
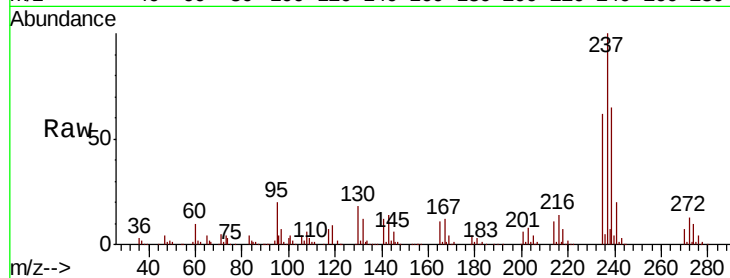
ClientSampleId :

PB125606BS

Tot Ion:	237	Resp:	304172
Ion Ratio	Lower	Upper	
237	100		
235	62.2	41.5	81.5
272	13.4	0.0	33.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 114.834 ng

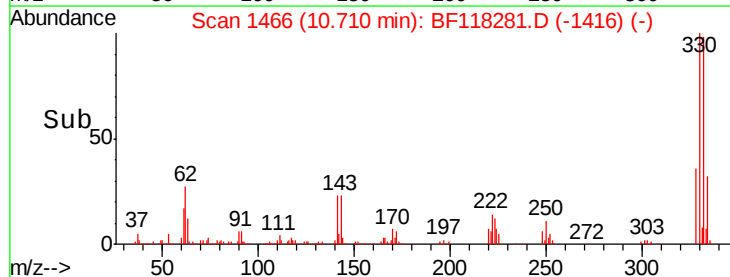
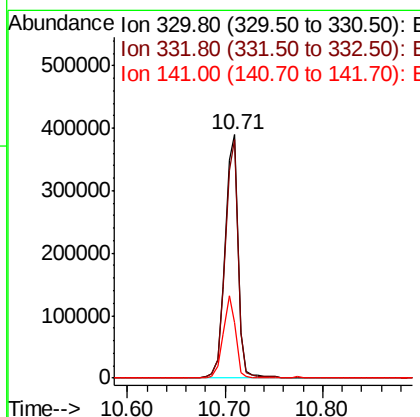
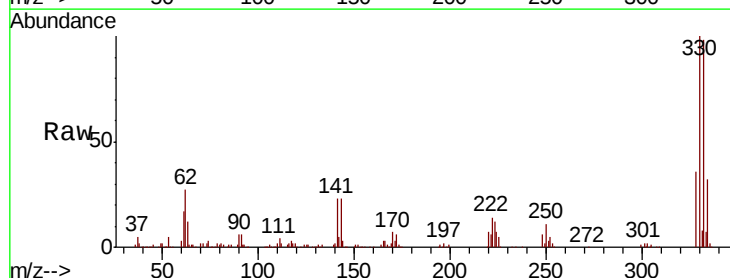
RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	330	Resp:	365768
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.1	117.1
141	32.3	26.9	40.3





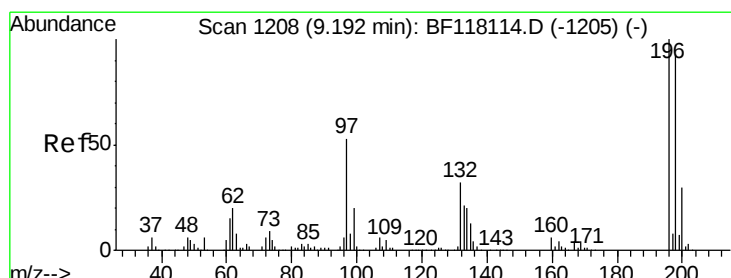
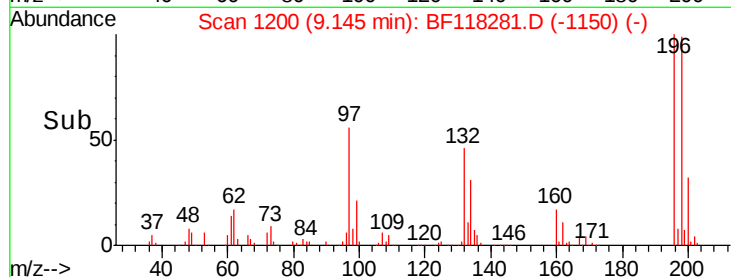
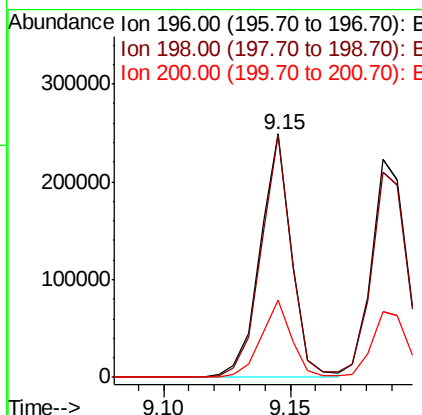
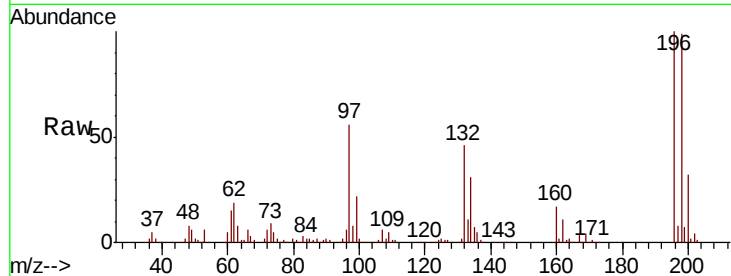
#43
 2,4,6-Trichlorophenol
 Concen: 40.586 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215238		
198	99.5	75.0	112.4	
200	31.7	24.5	36.7	

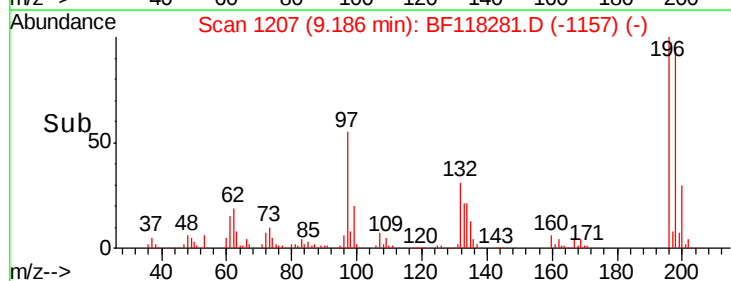
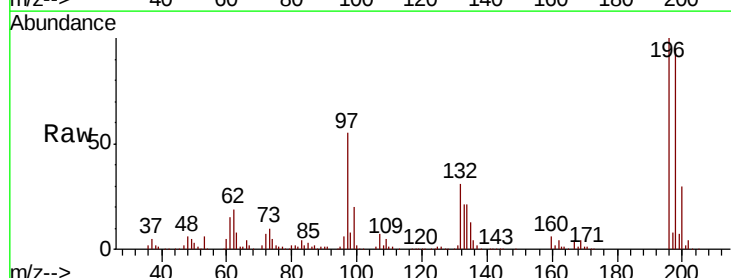
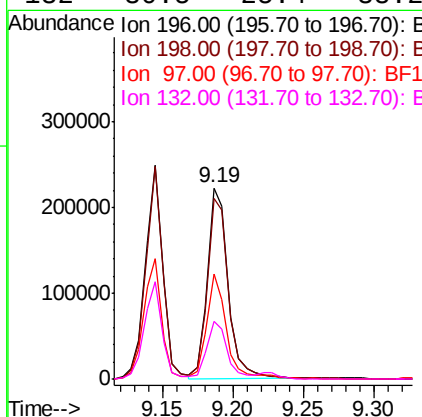
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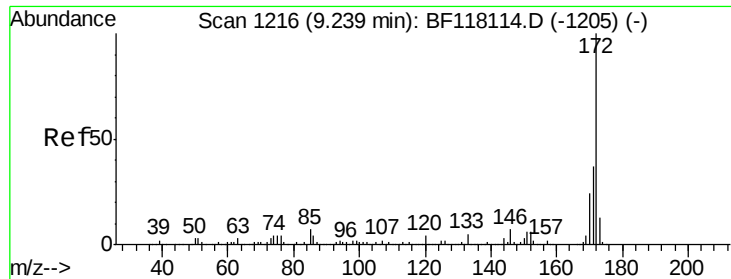
Sohil
 12/20/2019 4:26:18 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.522 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228139		
198	94.6	74.2	111.4	
97	55.1	42.5	63.7	
132	30.5	25.4	38.2	





#45

2-Fluorobiphenyl

Concen: 82.701 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB125606BS

Tot Ion:172 Resp: 1425027

Ion Ratio Lower Upper

172 100

171 36.0 29.2 43.8

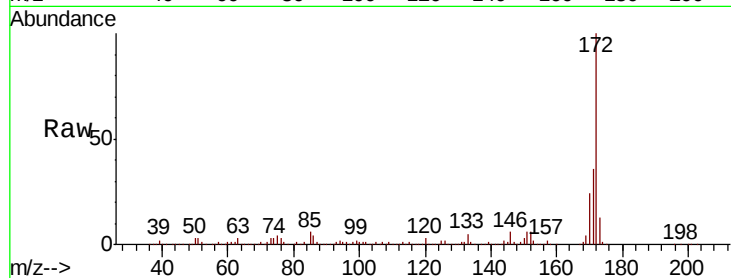
170 23.6 19.4 29.2

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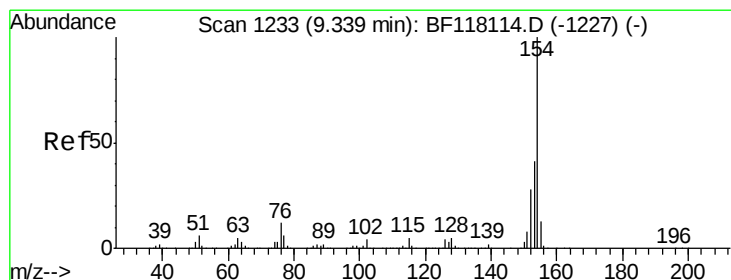
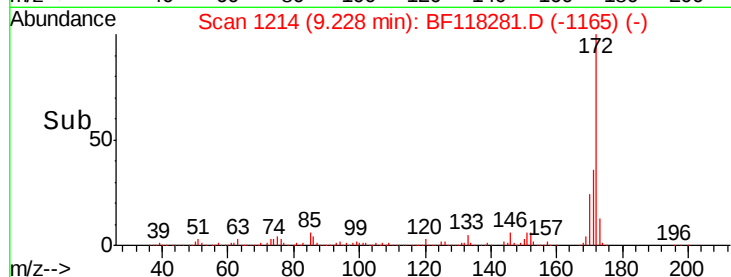
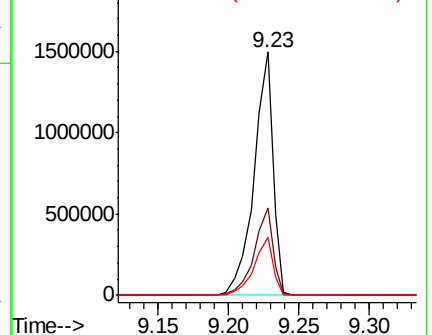
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 42.491 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

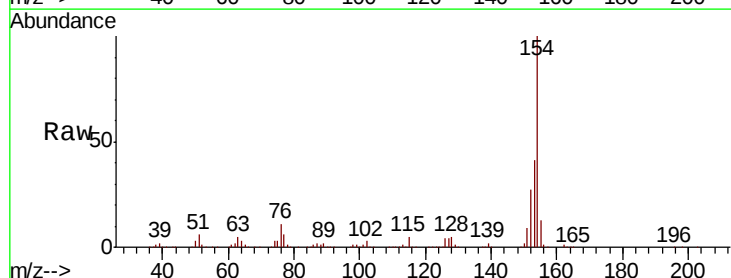
Tgt Ion:154 Resp: 878675

Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

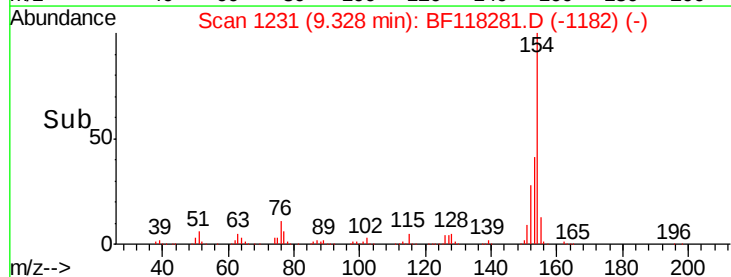
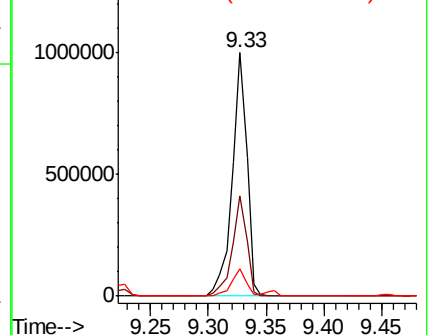
76 11.3 0.0 31.9



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





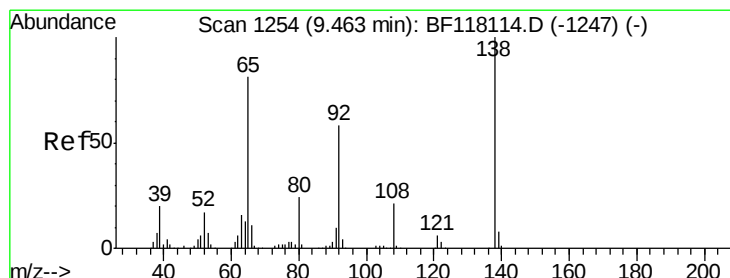
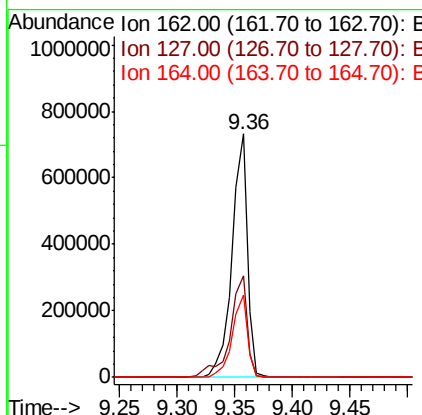
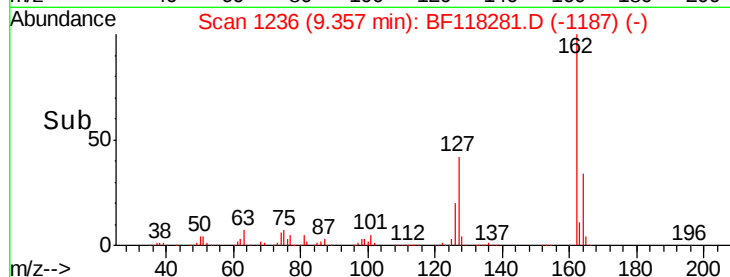
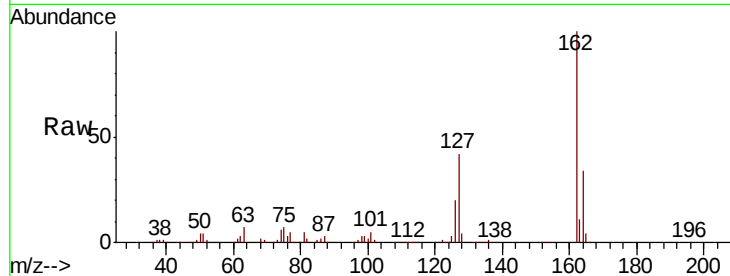
#47
 2-Chloronaphthalene
 Concen: 40.589 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.5	32.0	48.0
164	33.8	26.1	39.1

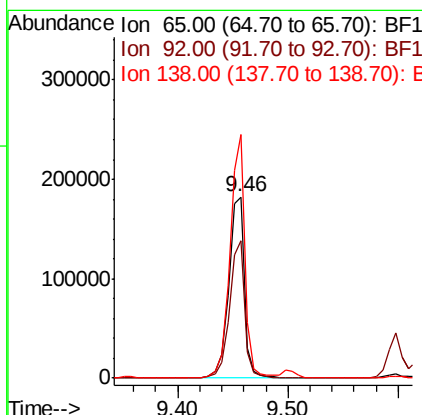
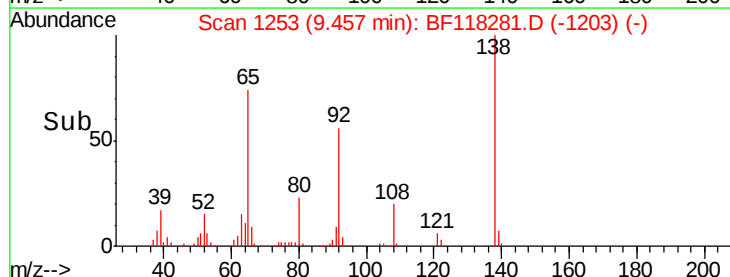
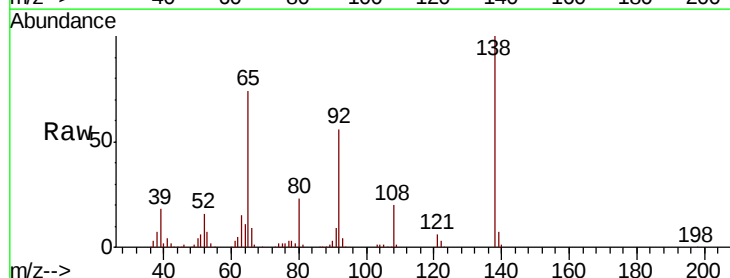
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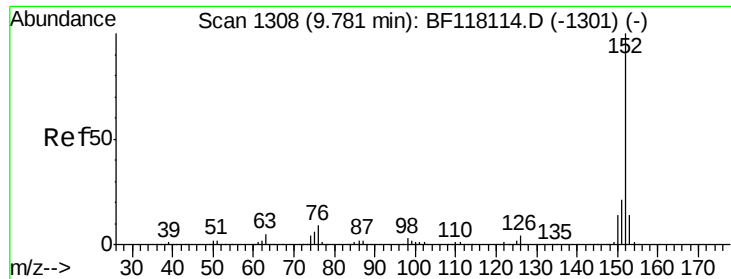
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#48
 2-Nitroaniline
 Concen: 38.927 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	75.7	57.8	86.6
138	134.6	98.8	148.2





#49

Acenaphthylene

Concen: 43.387 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

ClientSampleId :

PB125606BS

Tot Ion:152 Resp: 1064492

Ion Ratio Lower Upper

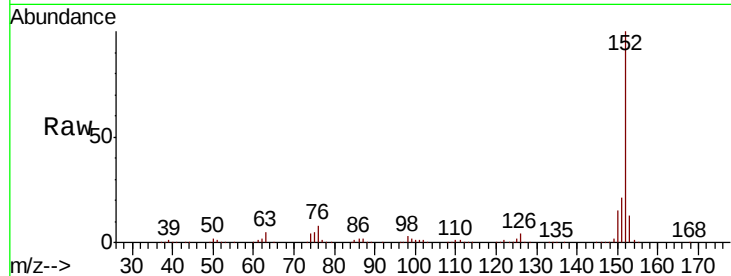
152 100

151 20.6 16.4 24.6

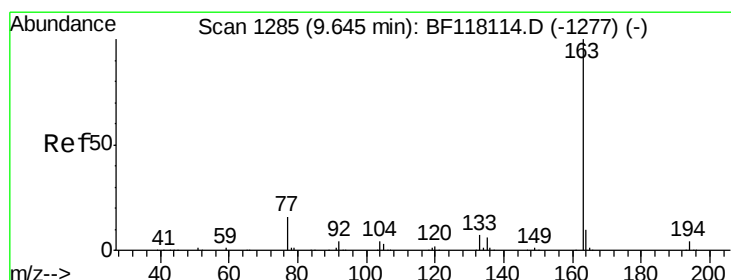
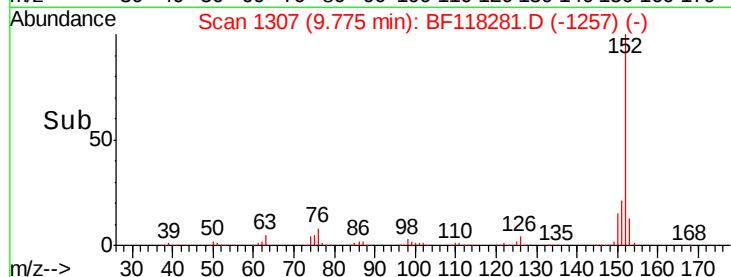
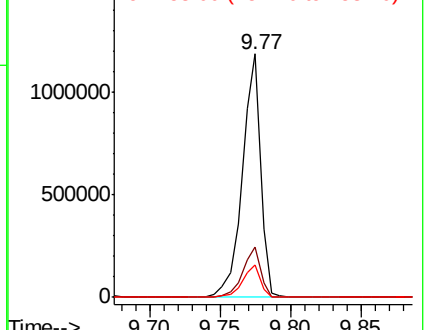
153 13.3 10.8 16.2

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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: 41.368 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

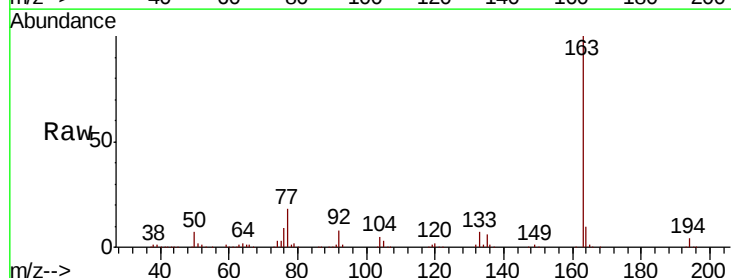
Tgt Ion:163 Resp: 801167

Ion Ratio Lower Upper

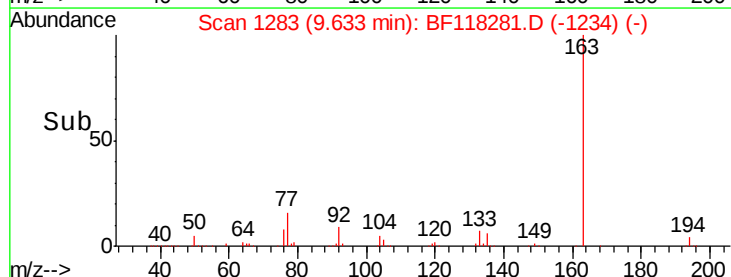
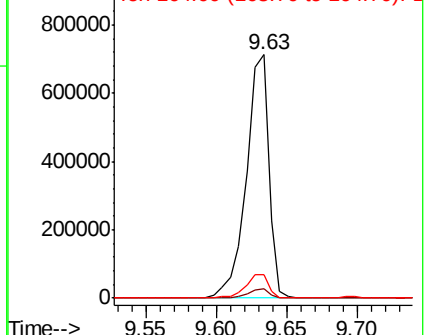
163 100

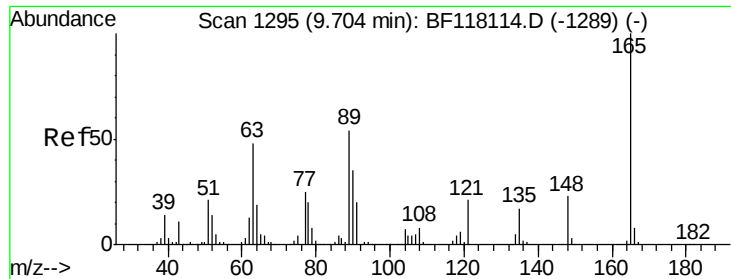
194 3.9 3.1 4.7

164 9.6 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





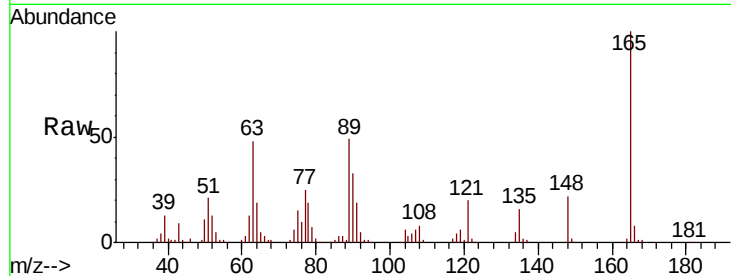
#51
2,6-Dinitrotoluene
Concen: 42.930 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

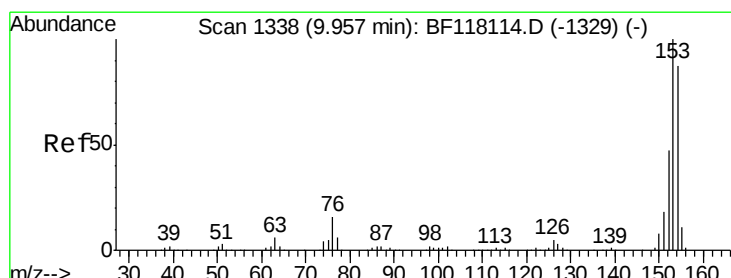
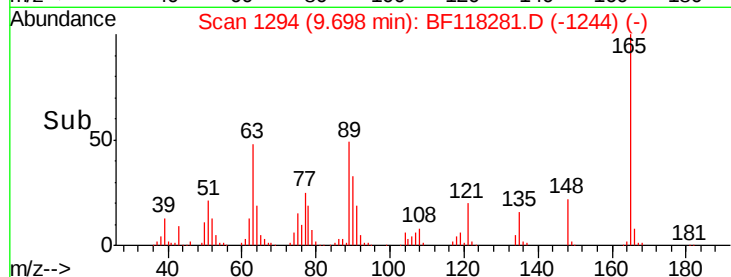
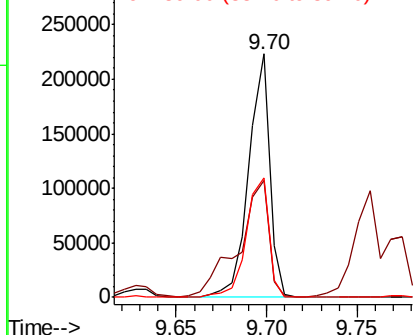
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	47.8	41.4	62.0
89	49.1	42.9	64.3

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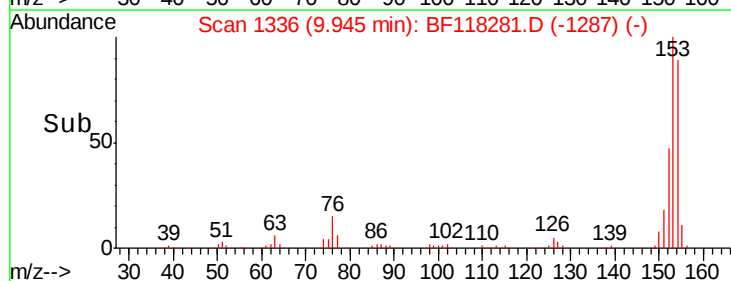
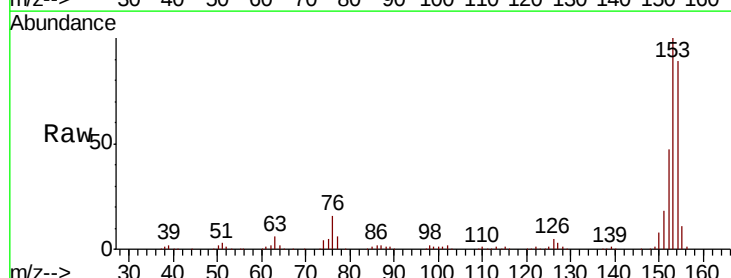
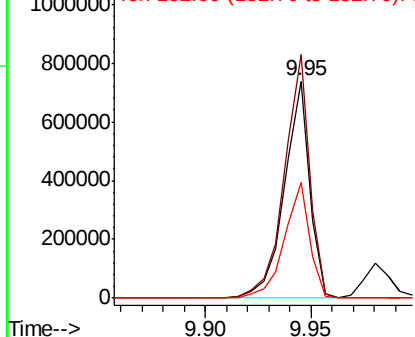
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

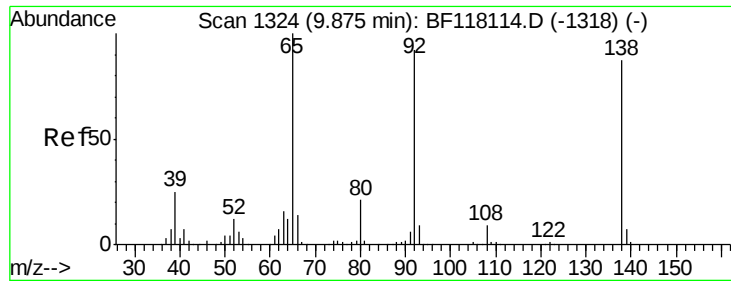


#52
Acenaphthene
Concen: 41.275 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.3	91.8	137.6
152	53.2	43.3	64.9

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





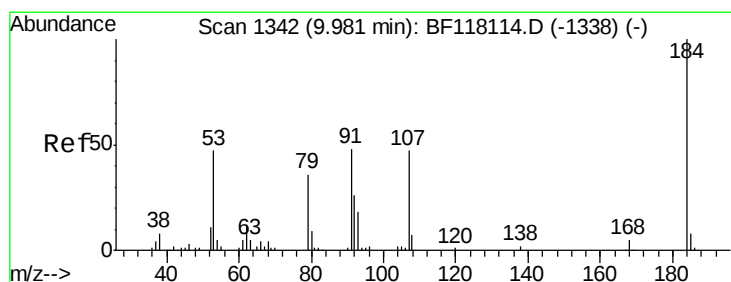
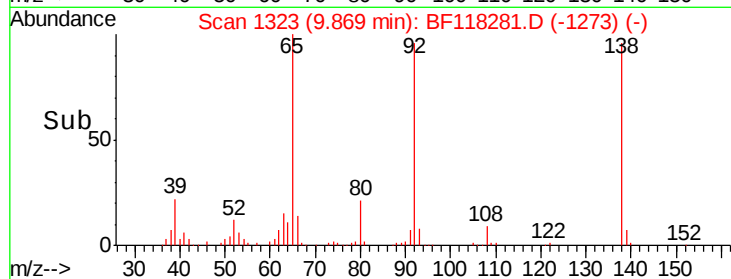
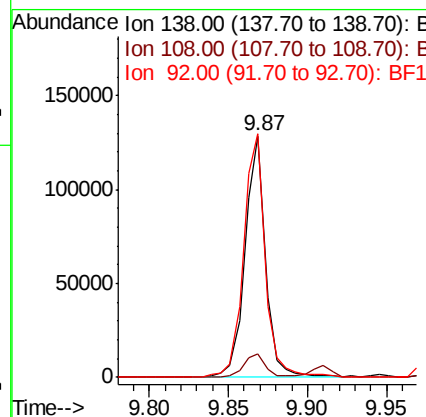
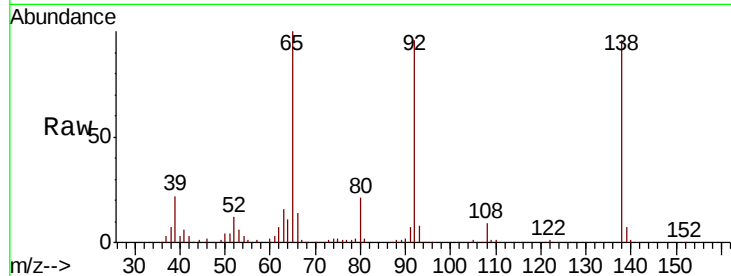
#53
3-Nitroaniline
Concen: 23.247 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	115213		
108	9.8	8.2	12.4	
92	100.9	84.9	127.3	

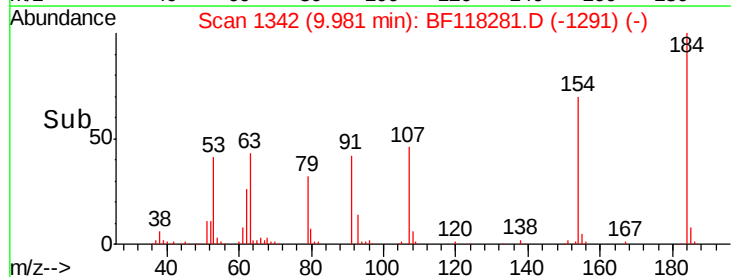
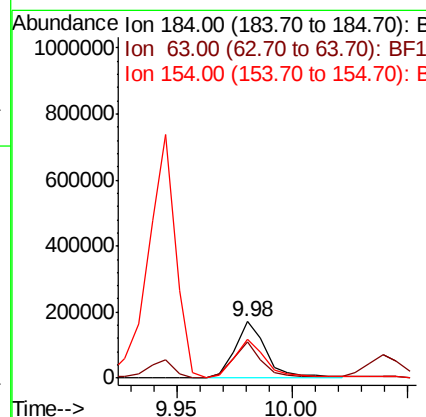
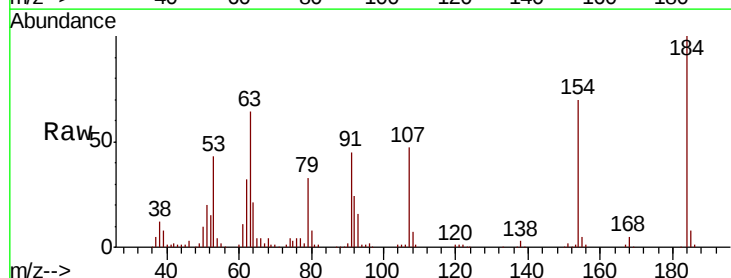
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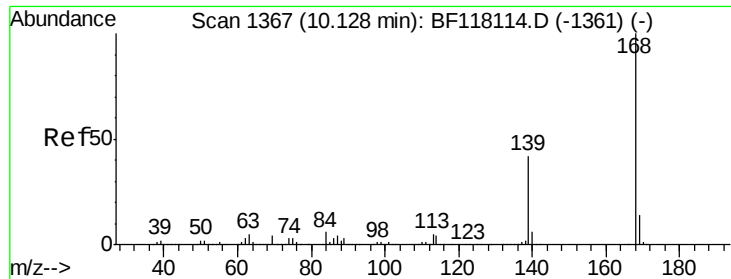
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#54
2,4-Dinitrophenol
Concen: 77.705 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	162802		
63	63.8	53.9	80.9	
154	69.6	56.3	84.5	





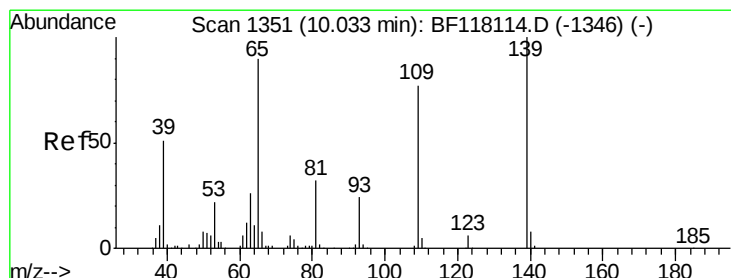
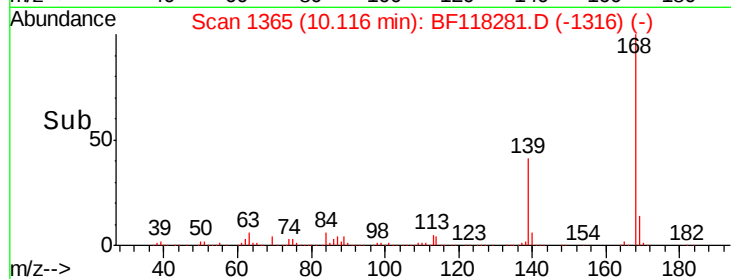
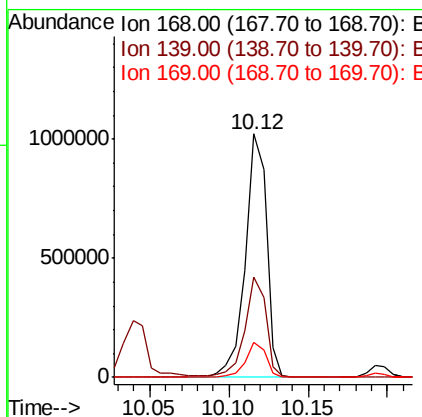
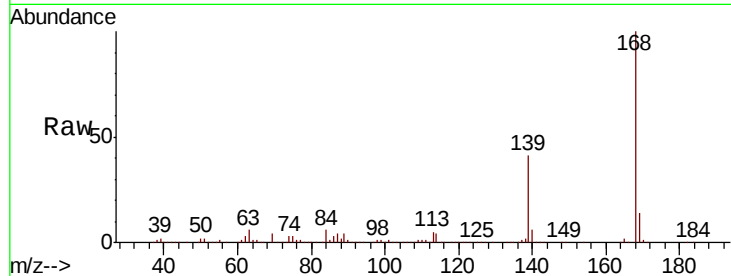
#55
Dibenzofuran
Concen: 43.136 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	33.4	50.0
169	14.2	11.0	16.6

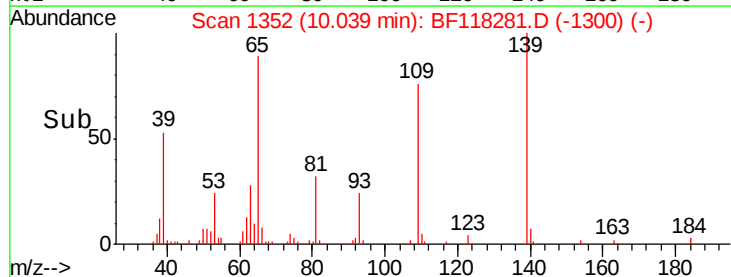
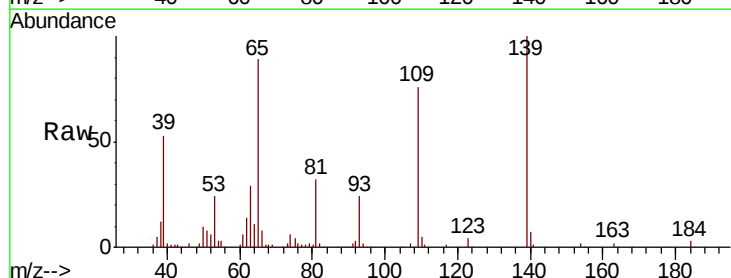
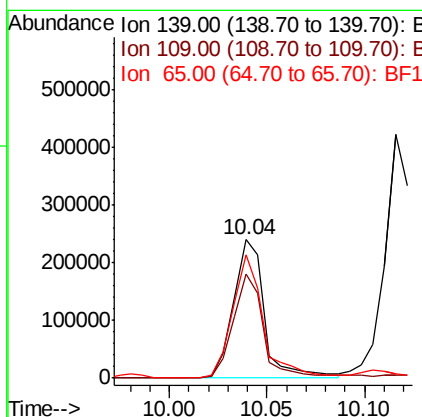
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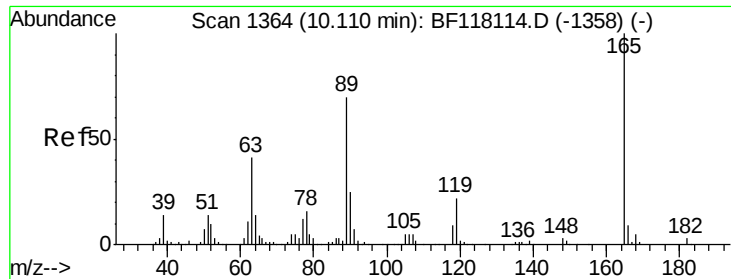
Sohil
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#56
4-Nitrophenol
Concen: 77.076 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.6	57.3	97.3
65	89.4	70.2	110.2





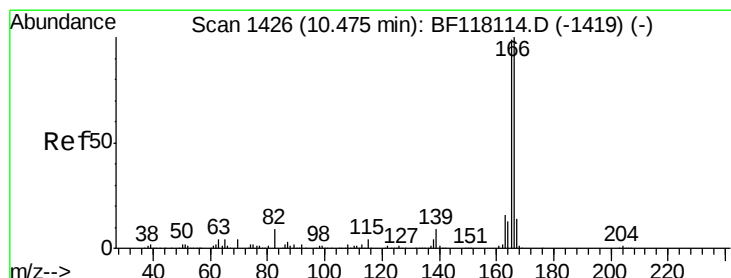
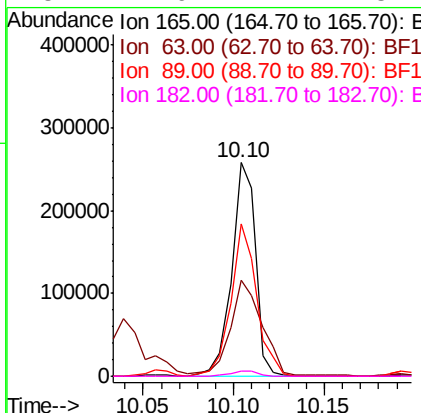
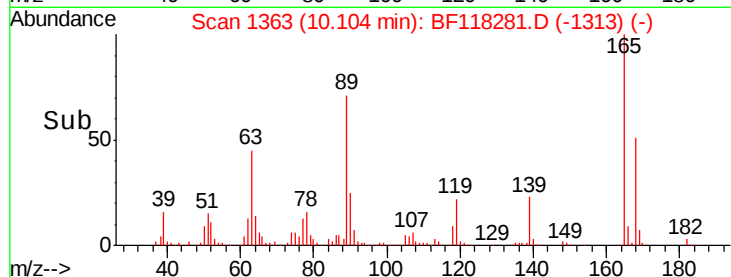
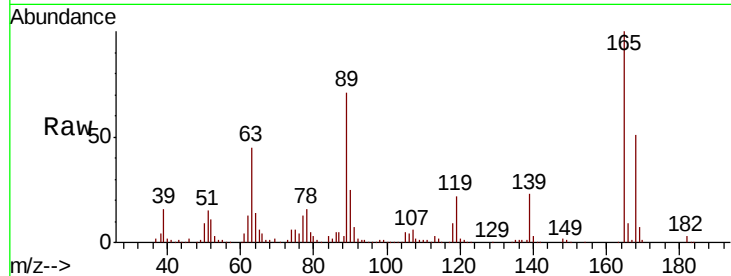
#57
2,4-Dinitrotoluene
Concen: 42.013 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.9	32.6	49.0	
89	71.4	56.1	84.1	
182	2.6	2.1	3.1	

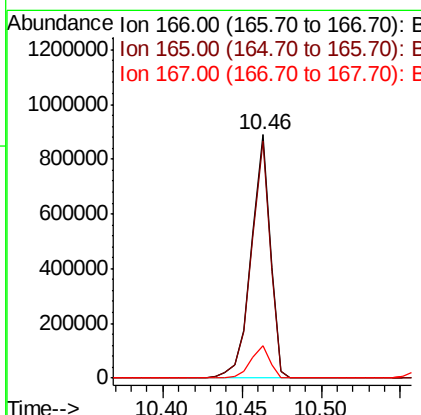
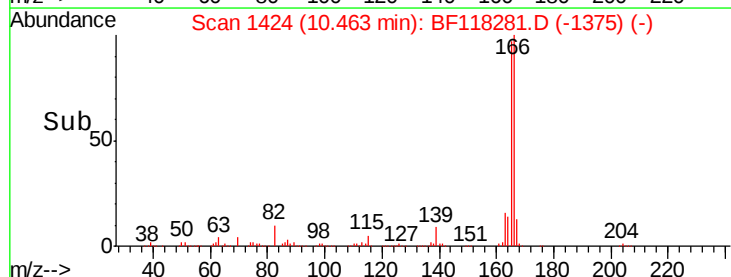
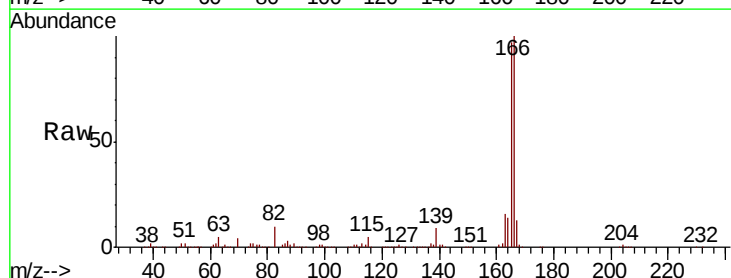
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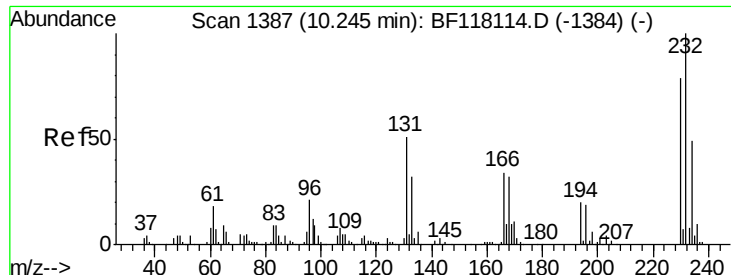
Sohil
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#58
Fluorene
Concen: 42.514 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	79.0	118.4	
167	13.4	10.9	16.3	





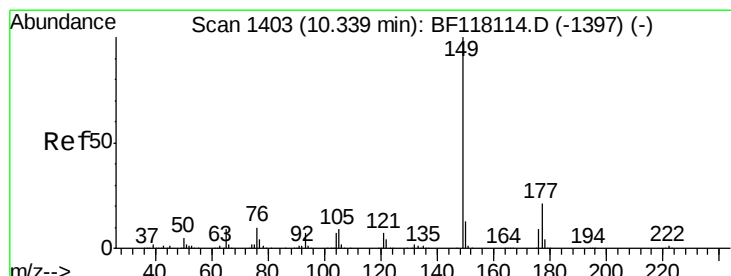
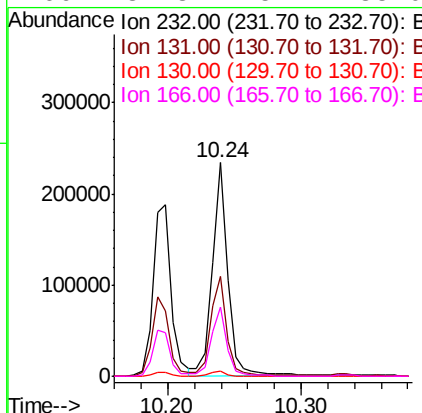
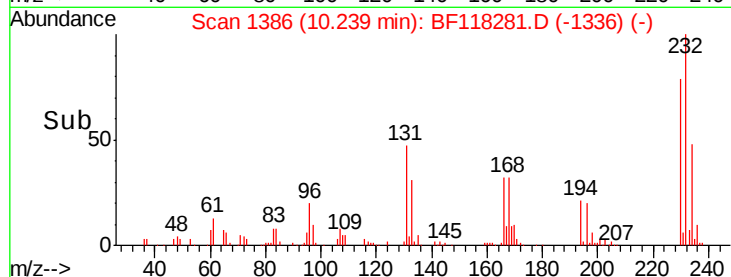
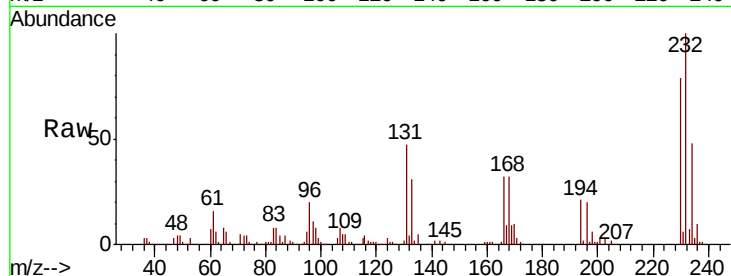
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.312 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

Tot Ion:	232	Resp:	191798
Ion Ratio	Lower	Upper	
232	100		
131	47.7	38.8	58.2
130	2.3	1.9	2.9
166	32.3	25.4	38.0

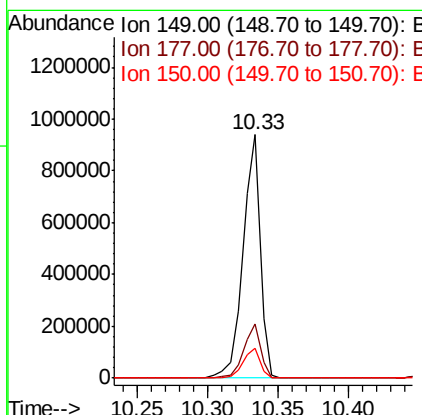
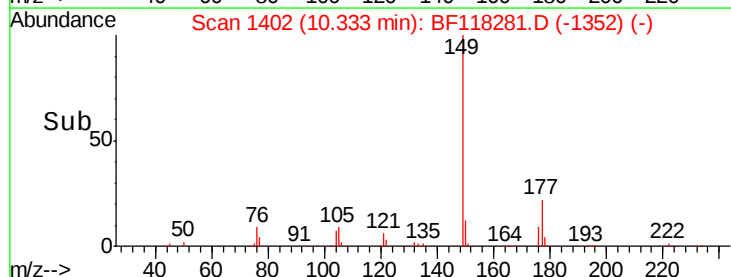
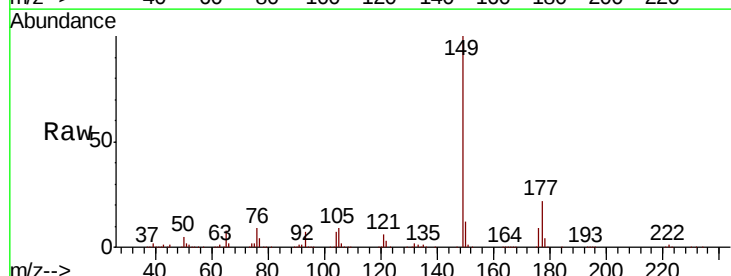
Manual Integrations
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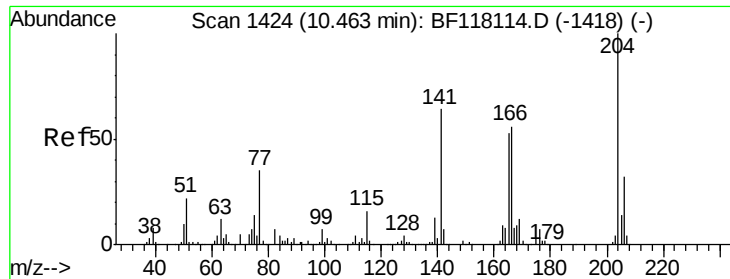
Sohil
 12/20/2019 4:26:18 PM



#60
 Diethylphthalate
 Concen: 41.843 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tgt Ion:	149	Resp:	798416
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.0	25.4
150	12.4	10.1	15.1





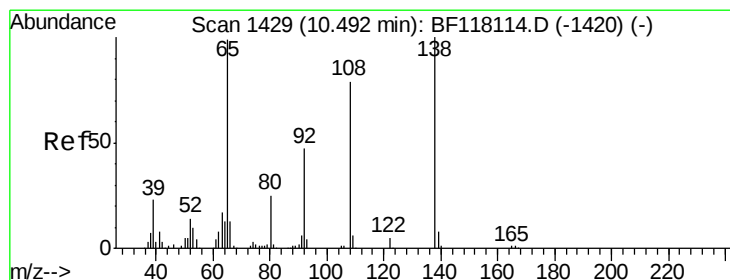
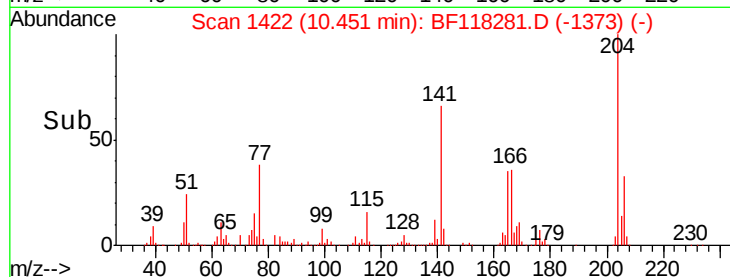
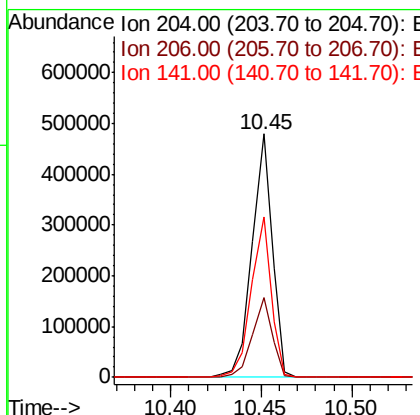
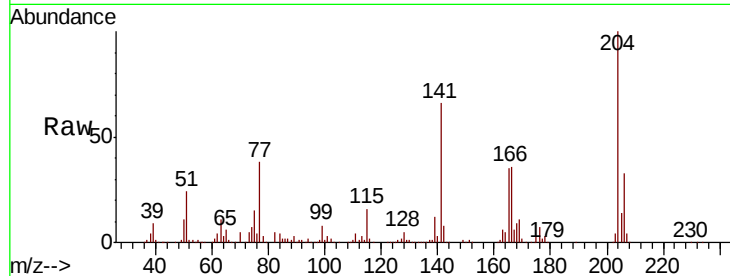
#61
4-Chlorophenyl-phenylether
Concen: 42.605 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	65.8	51.0	76.6

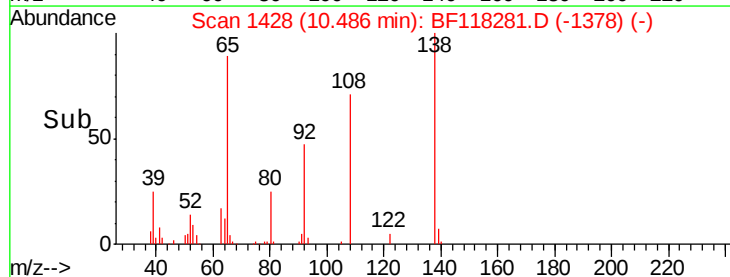
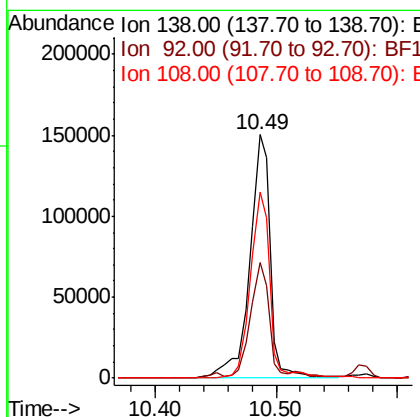
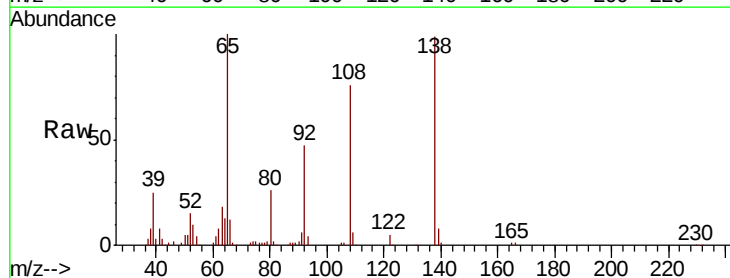
Manual Integrations
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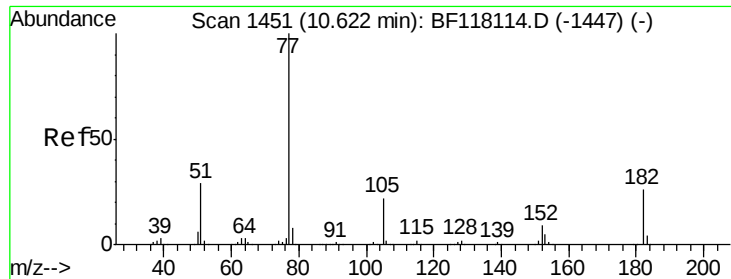
Sohil
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#62
4-Nitroaniline
Concen: 34.686 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	27.1	67.1
108	76.5	59.0	99.0





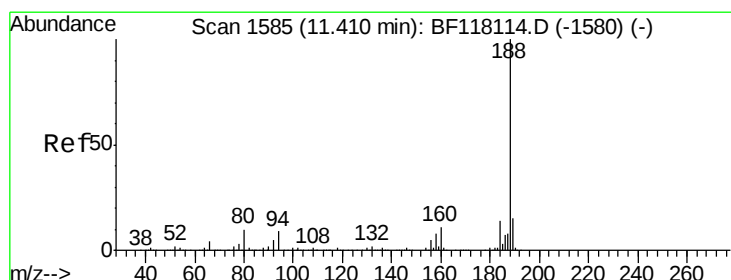
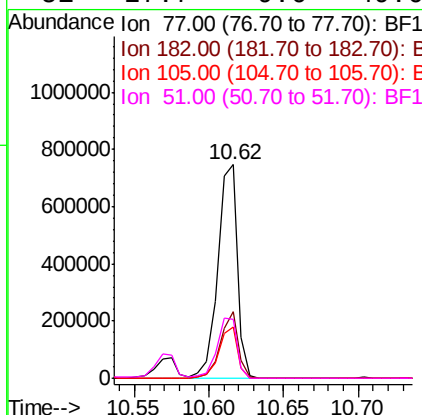
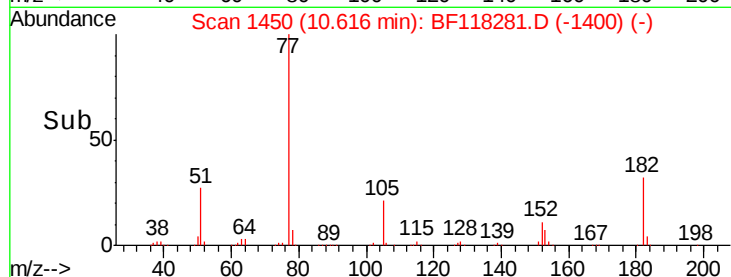
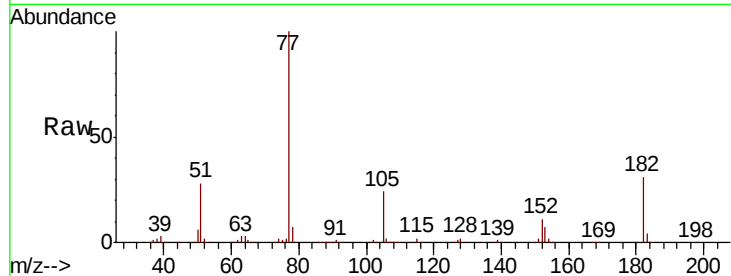
#63
Azobenzene
Concen: 42.306 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		689125		
182	31.5	5.7	45.7		
105	23.7	2.2	42.2		
51	27.7	9.6	49.6		

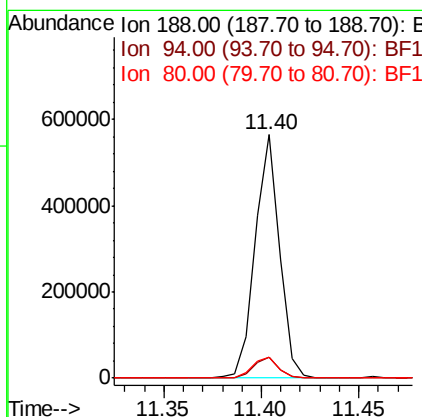
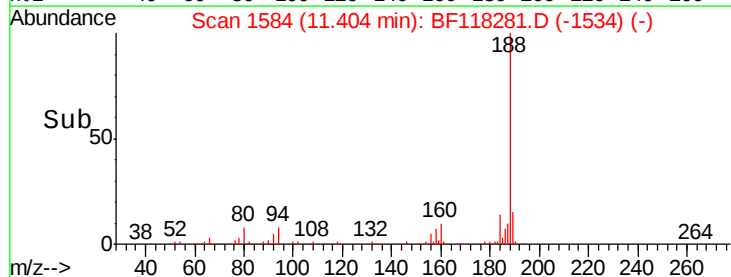
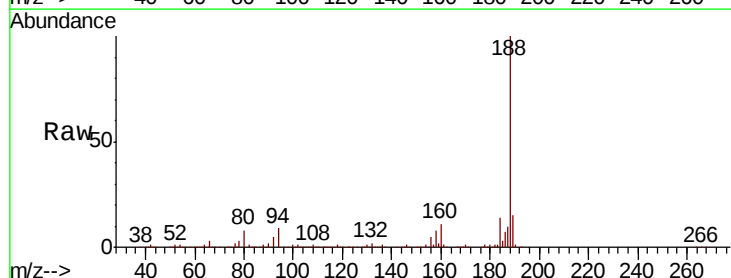
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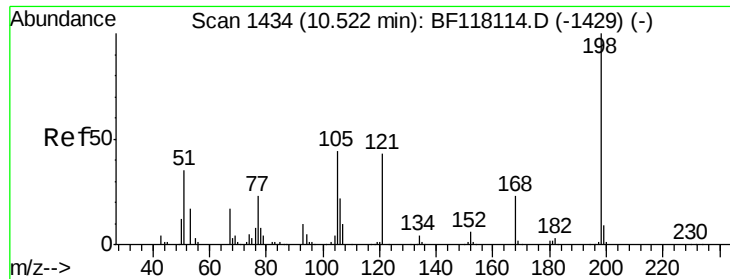
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		487998		
94	8.7	7.1	10.7		
80	8.4	7.9	11.9		





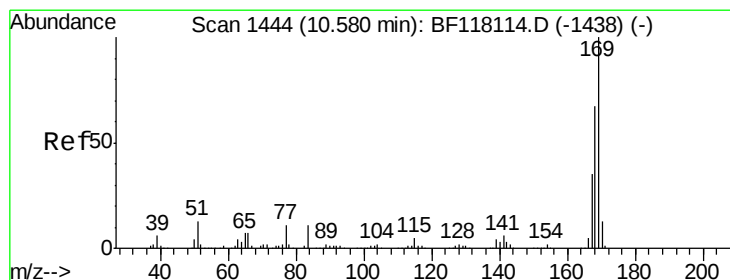
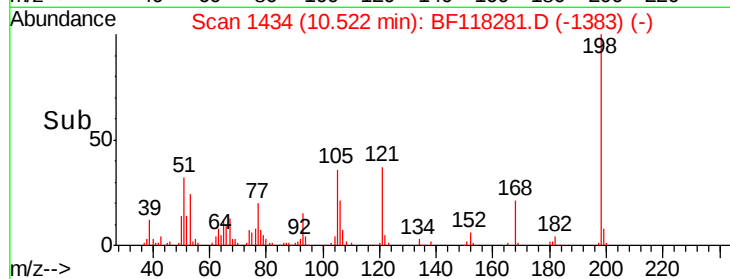
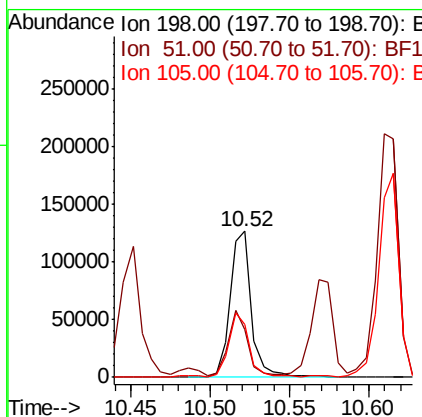
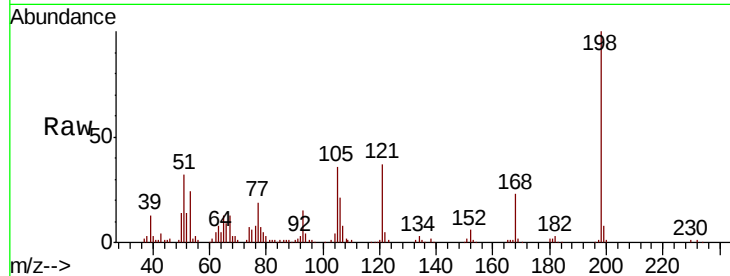
#65
4,6-Dinitro-2-methylphenol
Concen: 44.023 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	118642		
51	32.3	22.0	62.0	
105	36.0	25.6	65.6	

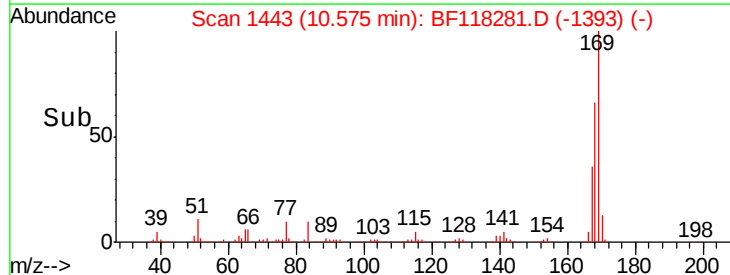
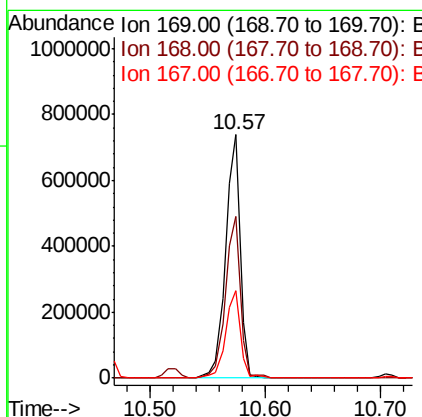
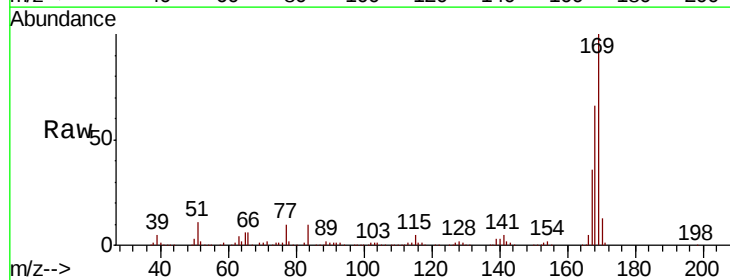
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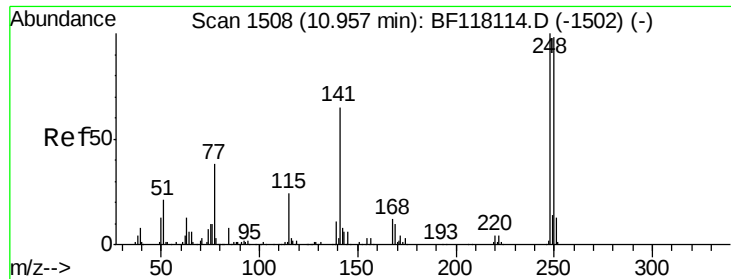
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#66
n-Nitrosodiphenylamine
Concen: 42.633 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	649696		
168	66.2	53.4	80.2	
167	36.0	28.4	42.6	





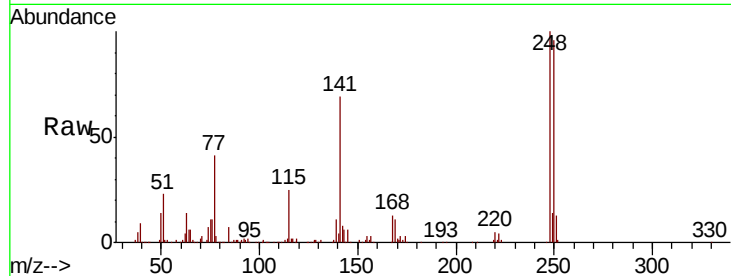
#67
4-Bromophenyl-phenylether
Concen: 41.211 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	78.3	117.5
141	69.0	52.2	78.4

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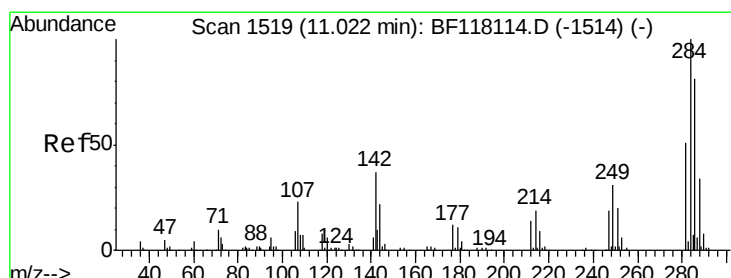
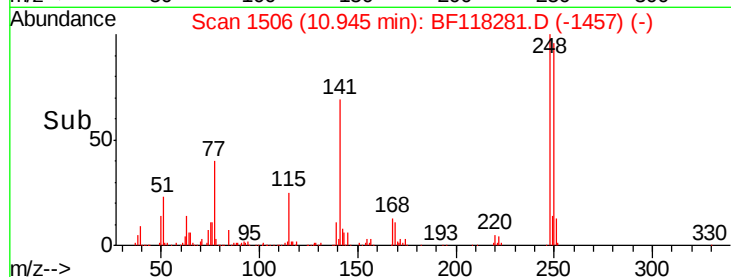
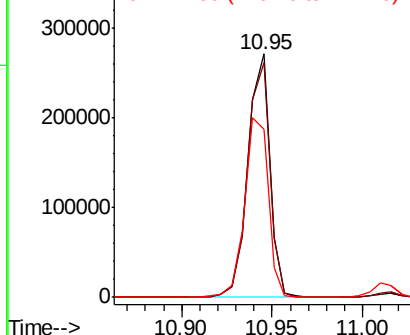


Abundance

Ion 248.00 (247.70 to 248.70): E

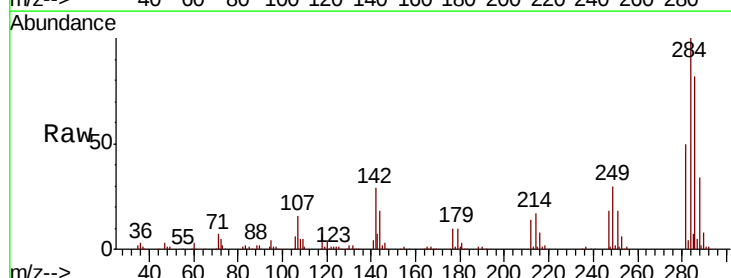
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.588 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	29.7	44.5#
249	30.2	24.6	37.0

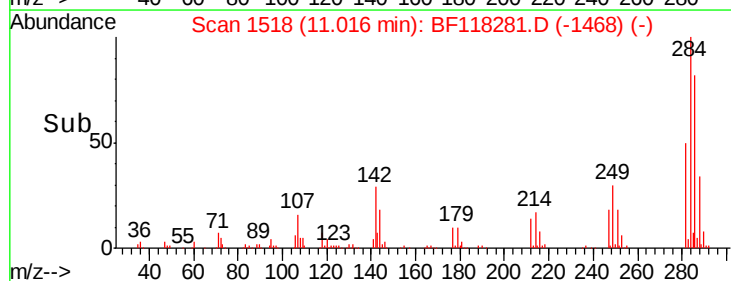
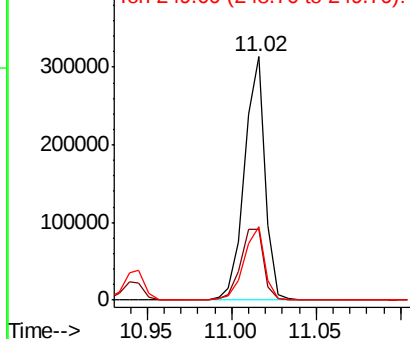


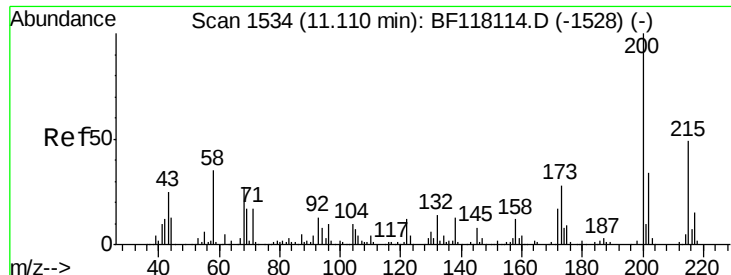
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





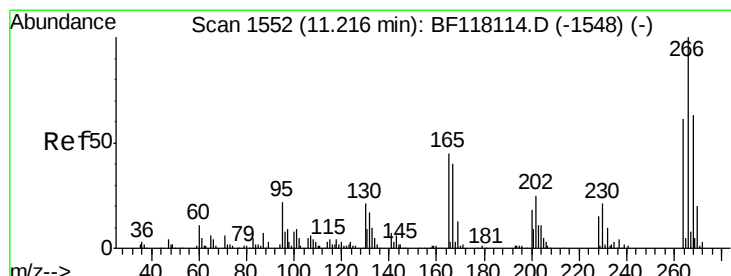
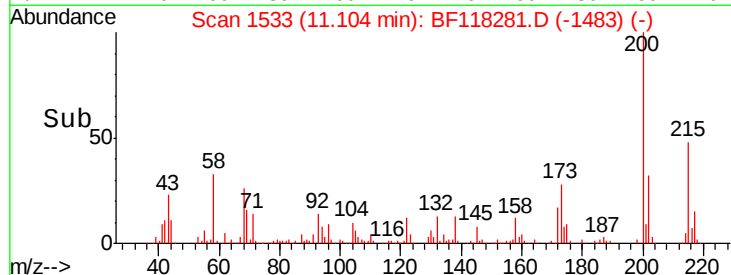
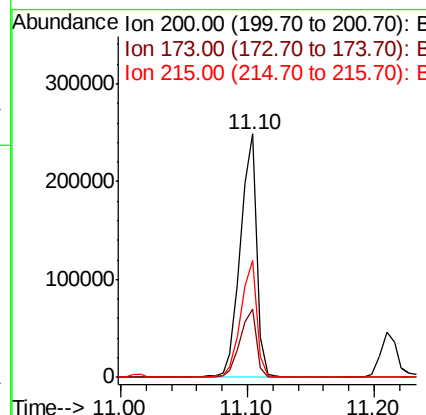
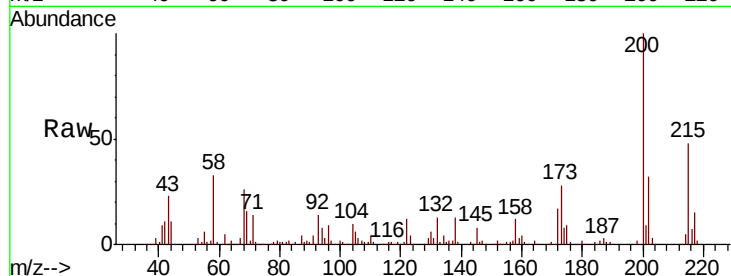
#69
 Atrazine
 Concen: 62.775 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.0	8.1	48.1
215	48.0	29.0	69.0

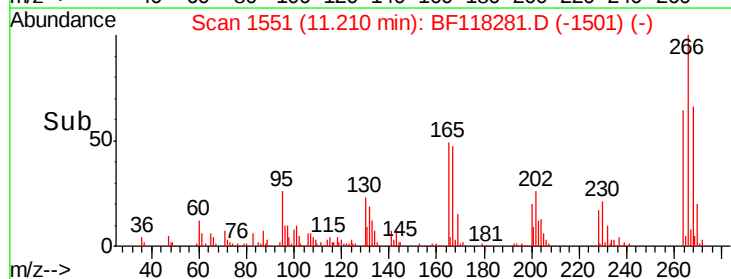
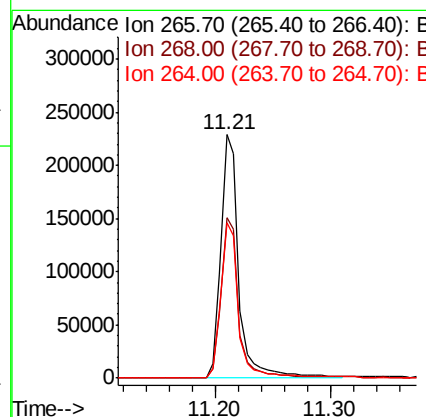
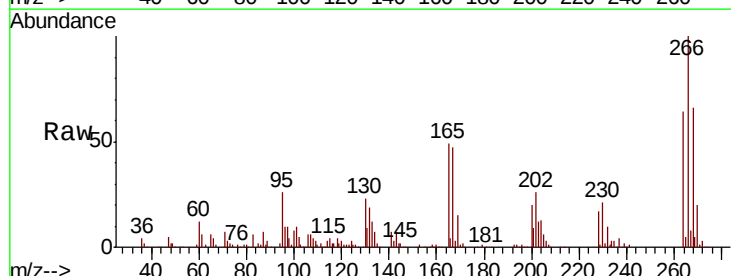
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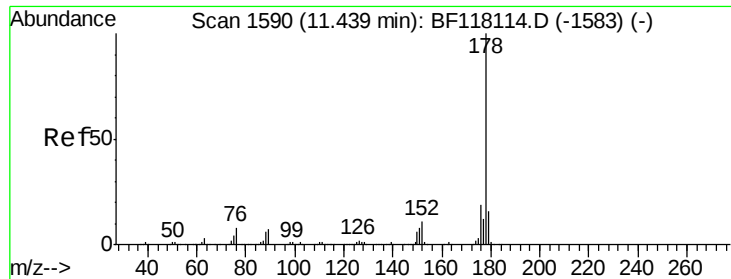
Sohil
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#70
 Pentachlorophenol
 Concen: 80.338 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	66.0	50.7	76.1
264	63.9	48.7	73.1





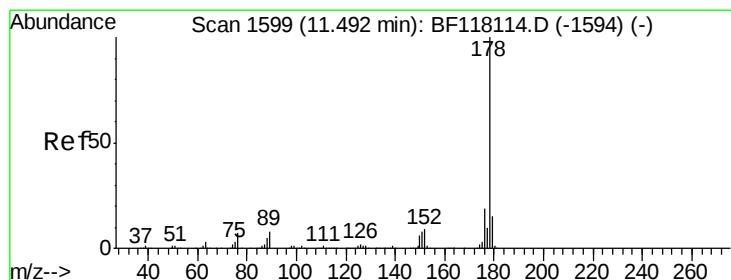
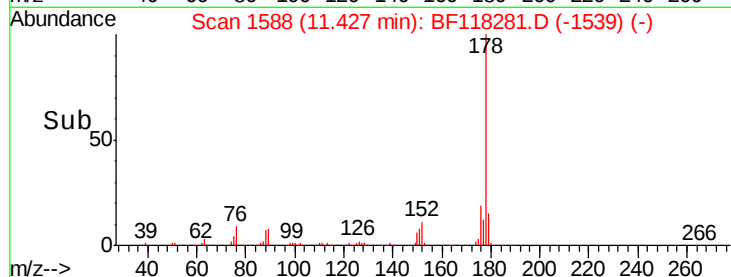
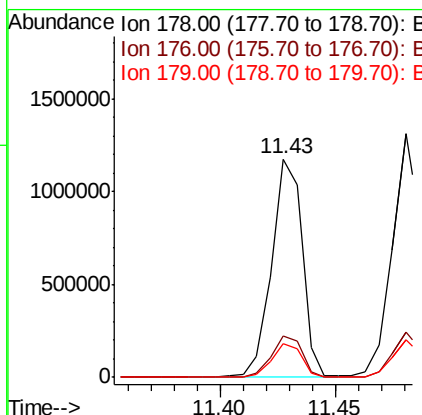
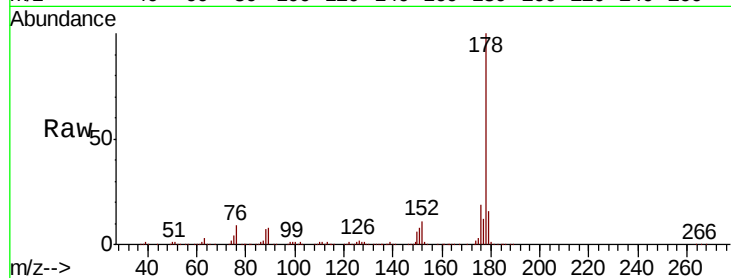
#71
Phenanthrene
Concen: 41.762 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion:178 Resp: 1083362
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 15.6 12.6 18.8

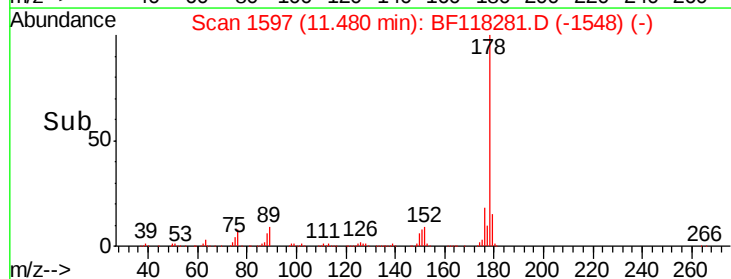
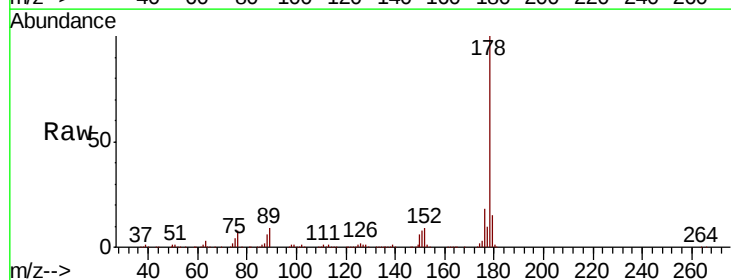
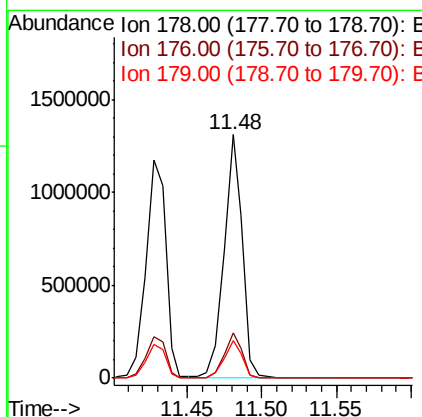
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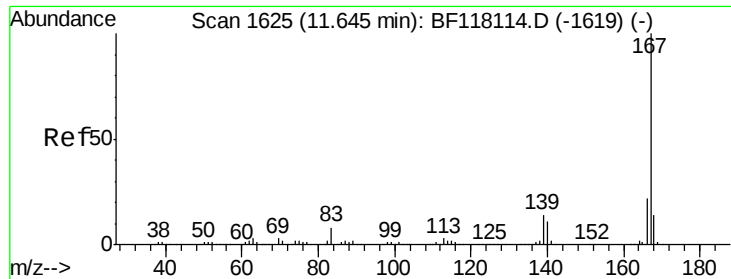
Sohil
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#72
Anthracene
Concen: 43.814 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion:178 Resp: 1133844
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.3 12.2 18.4





#73

Carbazole

Concen: 41.225 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

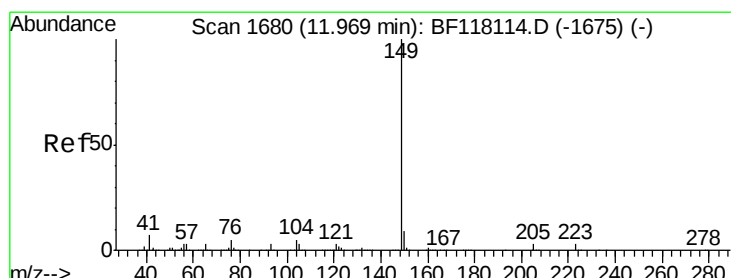
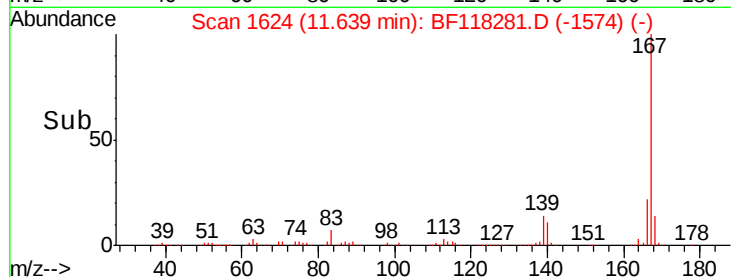
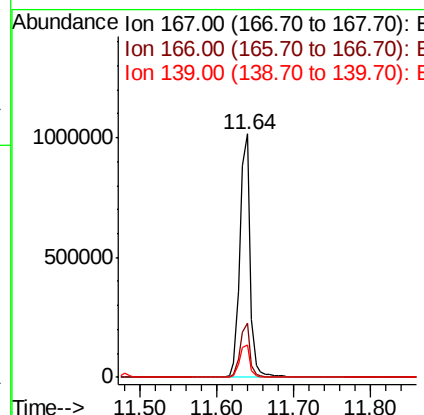
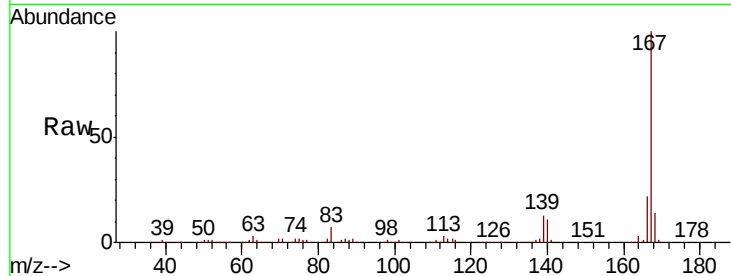
ClientSampled :

PB125606BS

Tot Ion:	167	Resp:	957180
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.2
139	13.5	11.4	17.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 42.655 ng

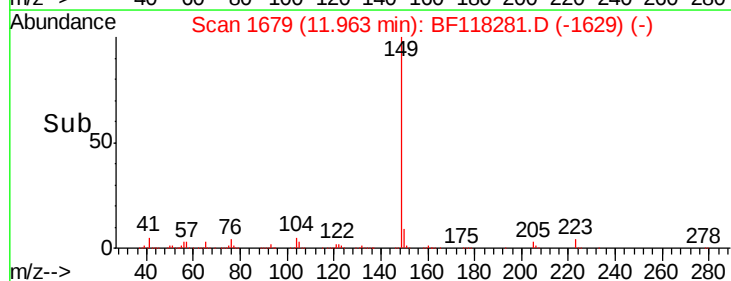
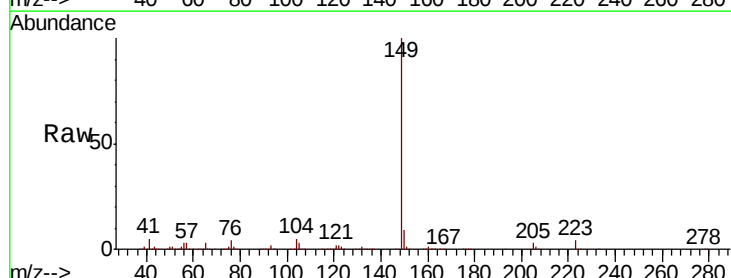
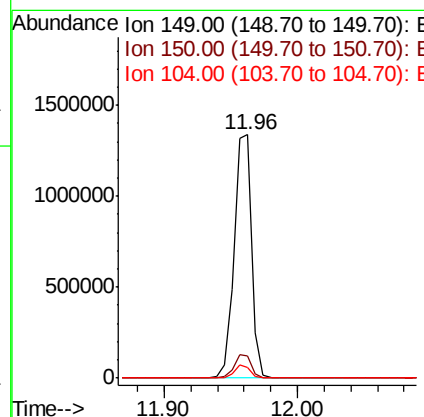
RT: 11.96 min Scan# 1679

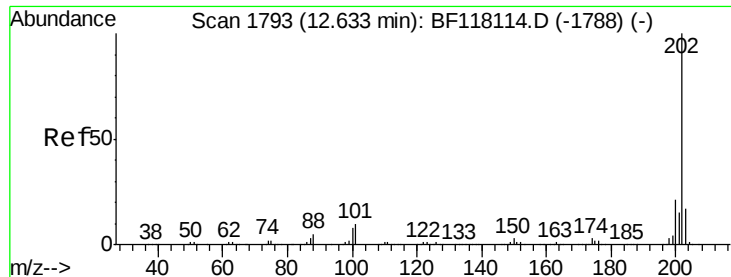
Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	149	Resp:	1239489
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	4.6	4.3	6.5





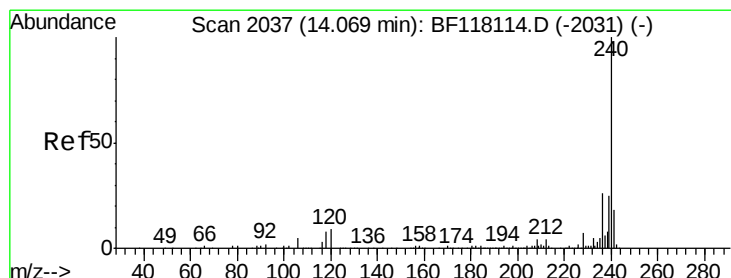
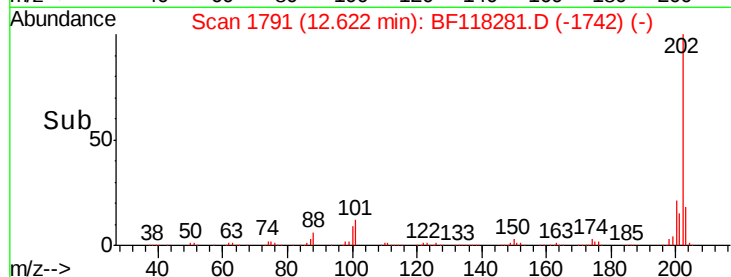
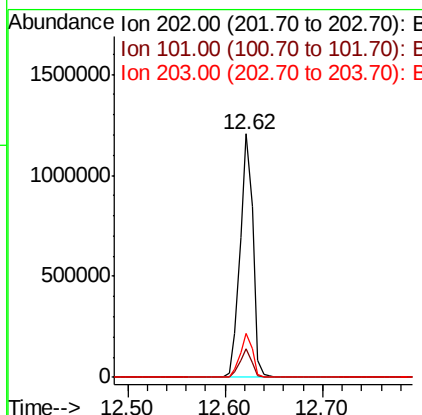
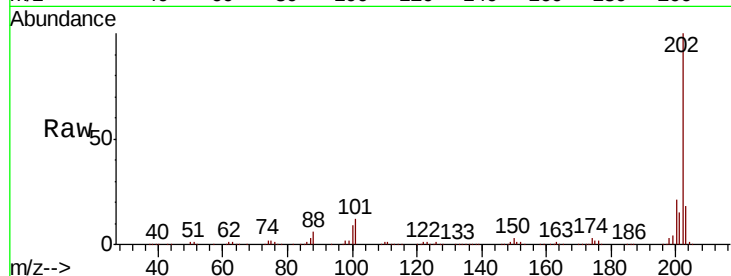
#75
Fluoranthene
Concen: 41.539 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1101715		
101	11.9	0.0	30.4	
203	17.8	0.0	37.2	

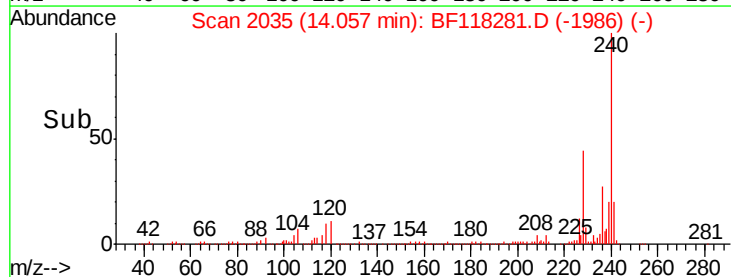
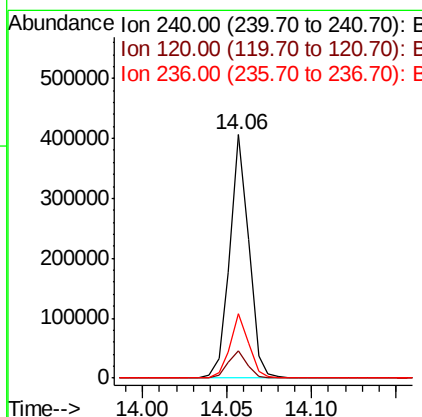
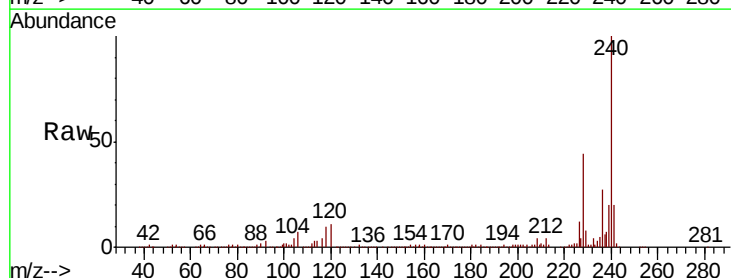
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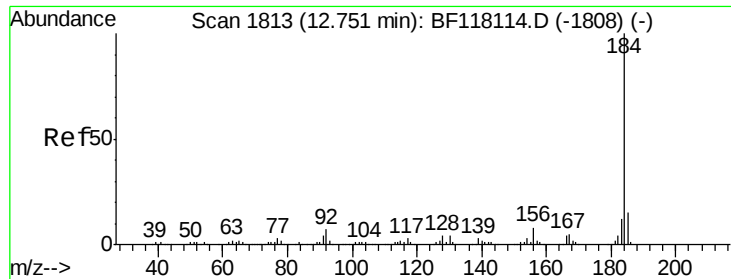
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	318071		
120	11.0	7.1	10.7#	
236	26.6	21.0	31.6	





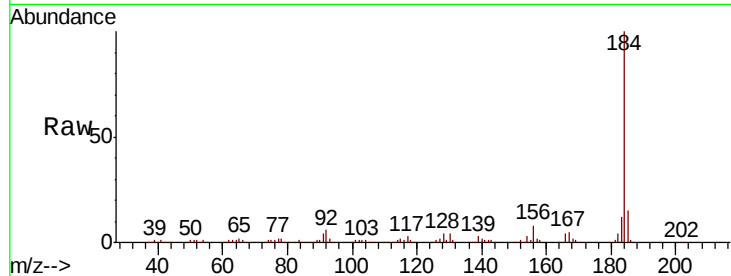
#77
Benzidine
Concen: 47.274 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

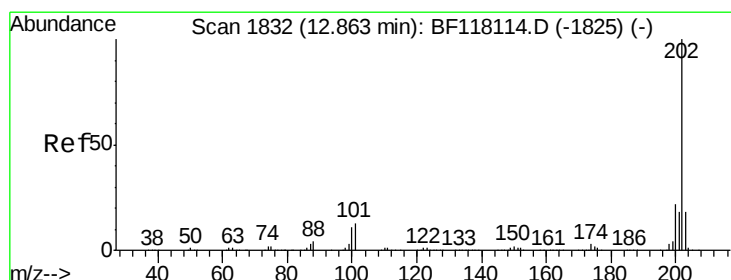
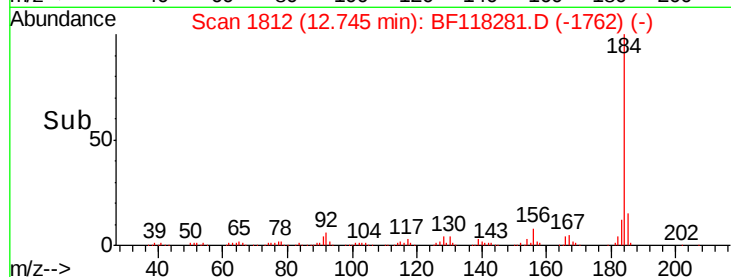
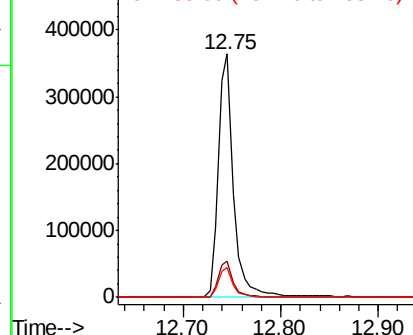
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.8	12.3	18.5	
183	12.4	9.9	14.9	

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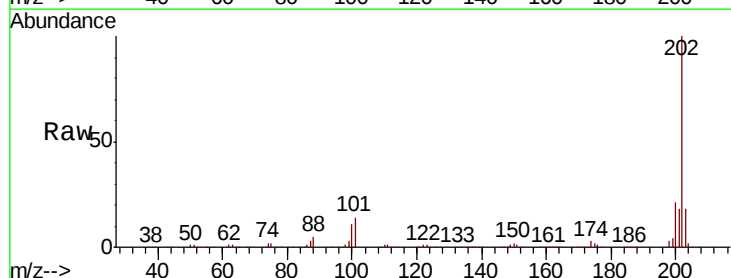


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

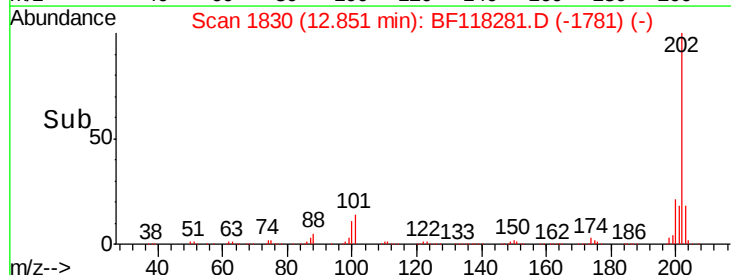
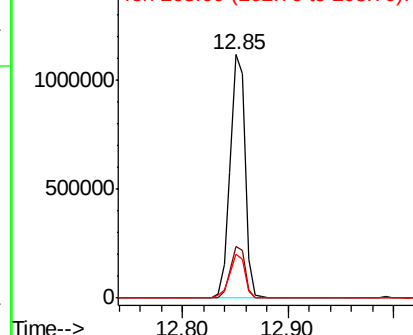


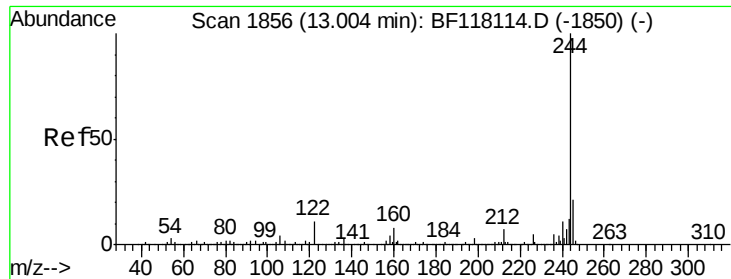
#78
Pyrene
Concen: 43.933 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.5	26.3	
203	17.9	14.6	21.8	



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





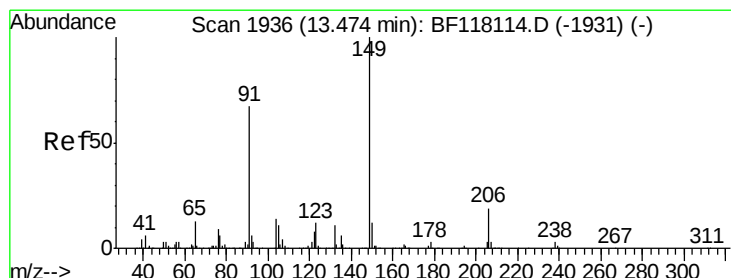
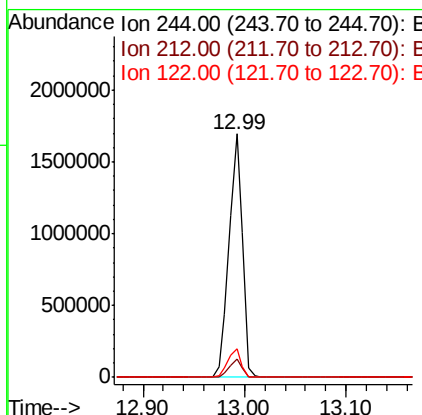
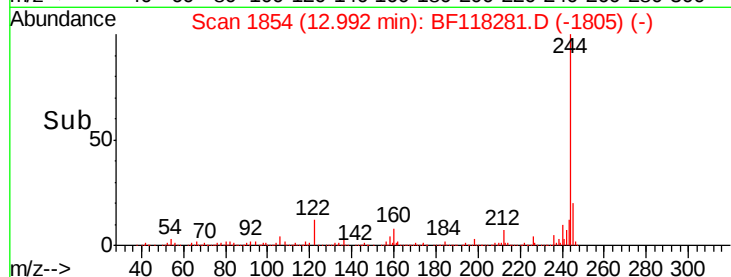
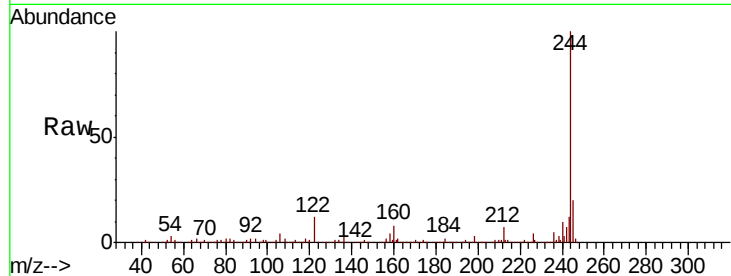
#79
 Terphenyl-d14
 Concen: 85.135 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB125606BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.7	9.0	13.6

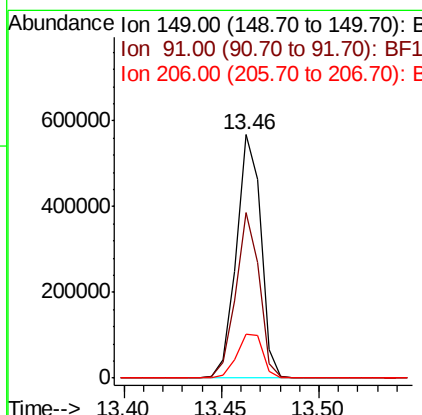
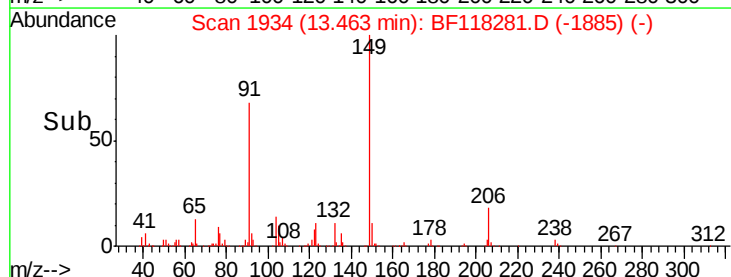
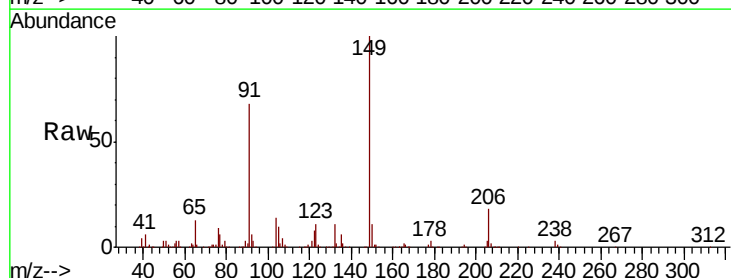
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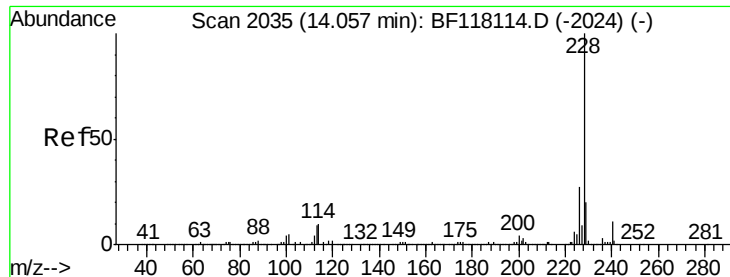
Sohil
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#80
 Butylbenzylphthalate
 Concen: 43.520 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF118281.D
 Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	53.9	80.9
206	18.3	15.2	22.8





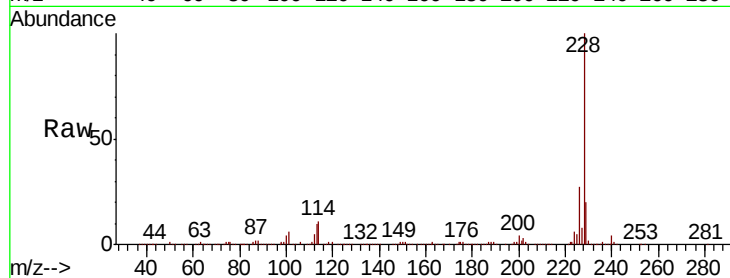
#81
Benzo(a)anthracene
Concen: 41.073 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	20.1	15.8	23.8

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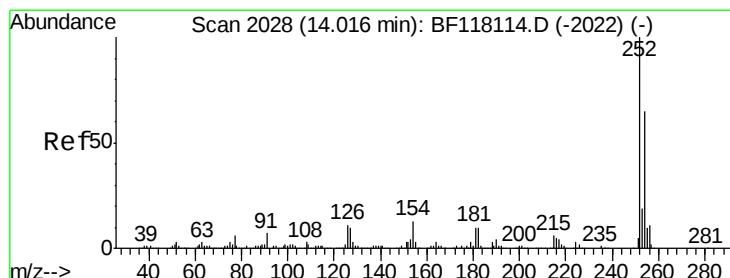
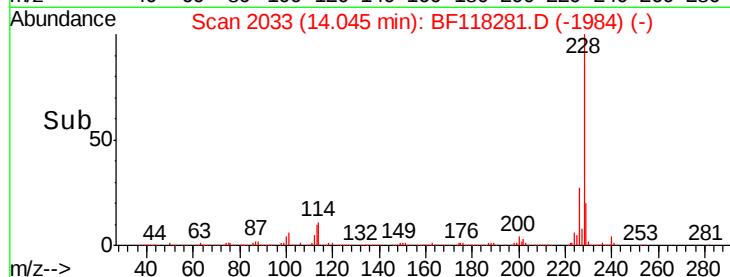
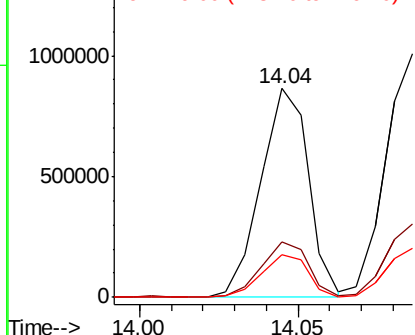


Abundance

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: 33.058 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

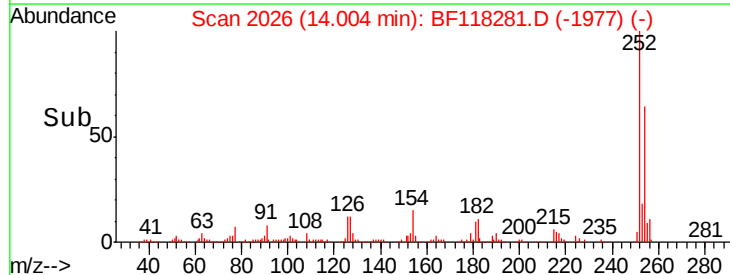
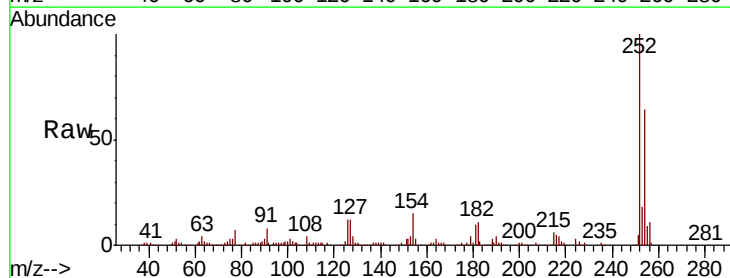
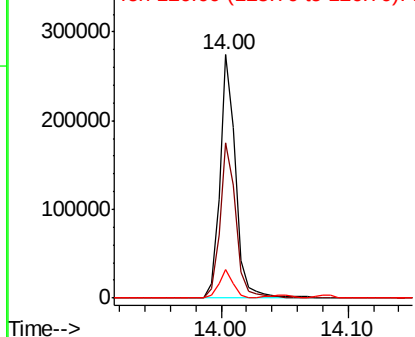
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.2	78.4
126	11.7	8.6	13.0

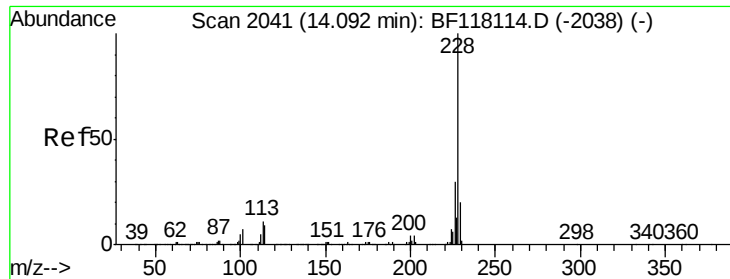
Abundance

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





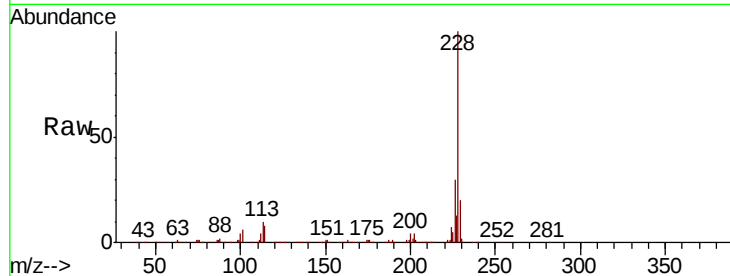
#83
Chrysene
Concen: 41.284 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.0	15.7	23.5

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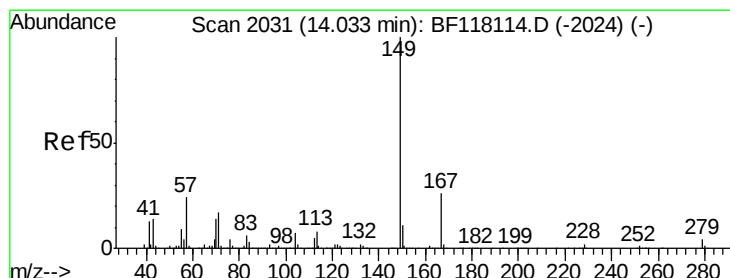
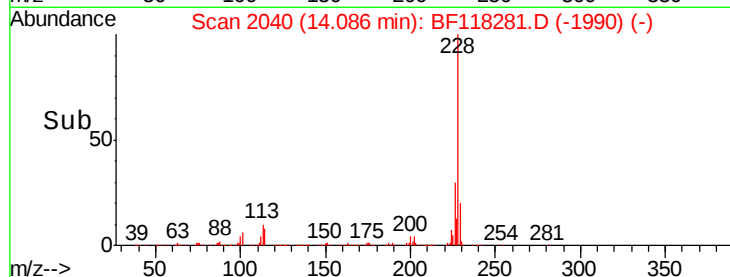
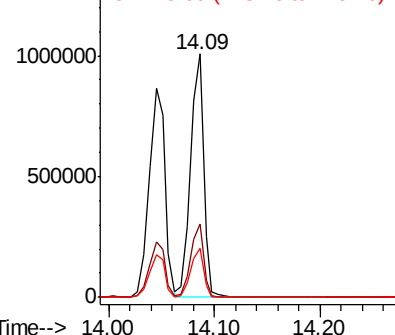


Abundance

Ion 228.00 (227.70 to 228.70): E

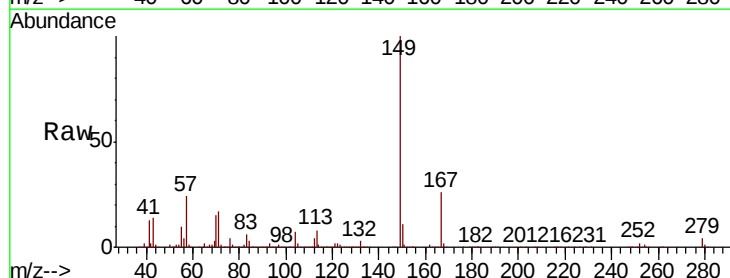
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.484 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.8	31.2
279	3.6	2.9	4.3

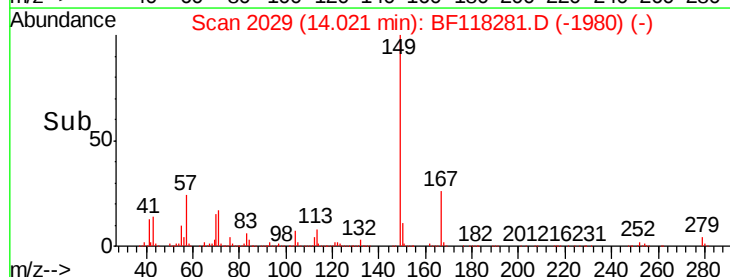
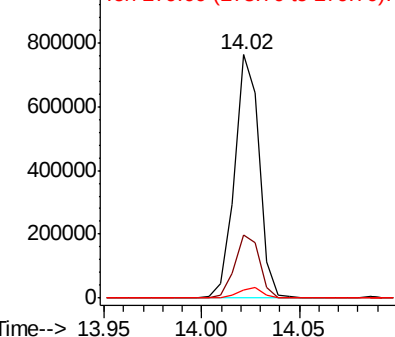


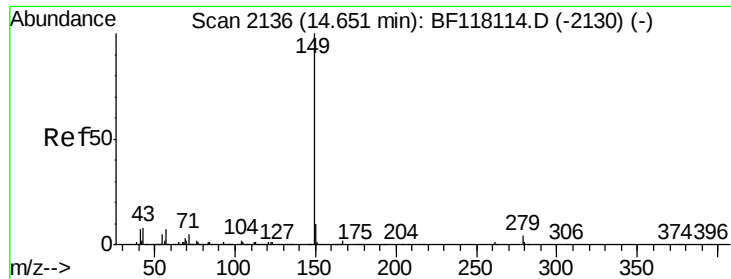
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.004 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Instrument :

BNA_F

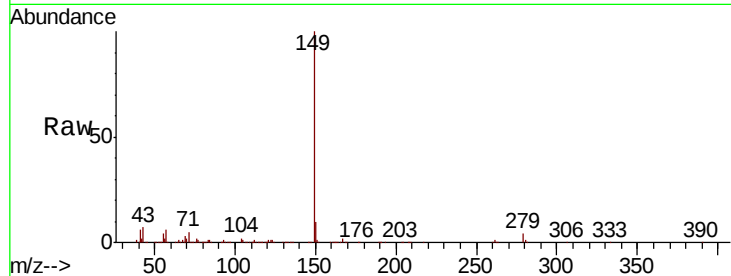
ClientSampleId :

PB125606BS

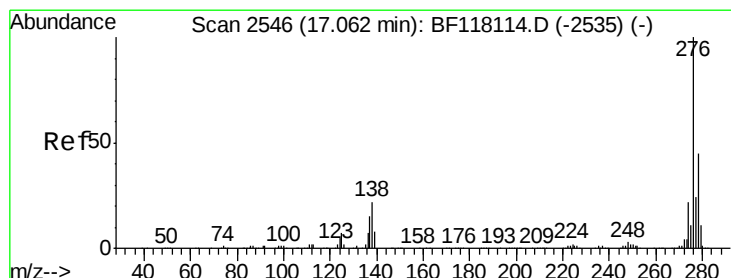
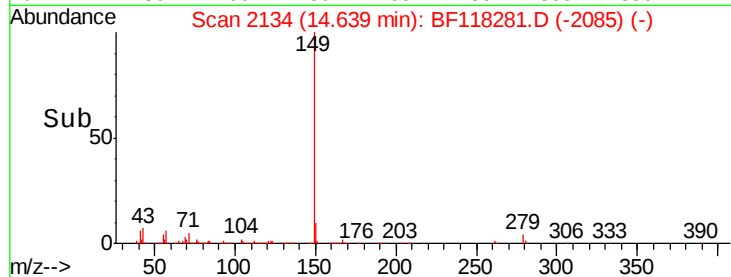
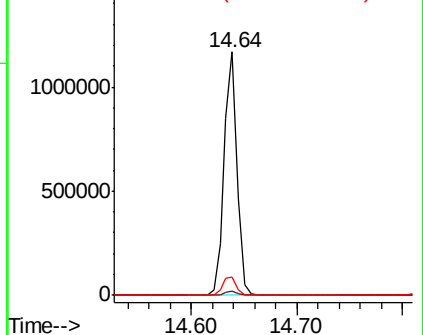
Tot Ion:	149	Resp:	997783
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.9	6.5	9.7

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.925 ng

RT: 17.06 min Scan# 2546

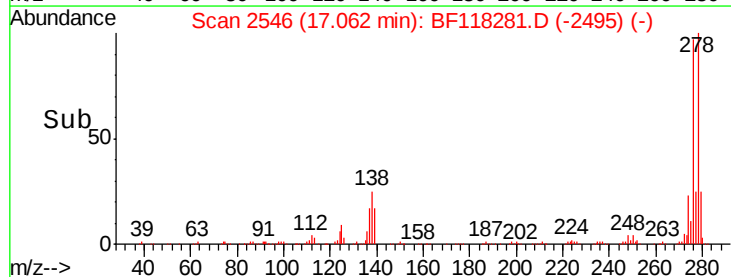
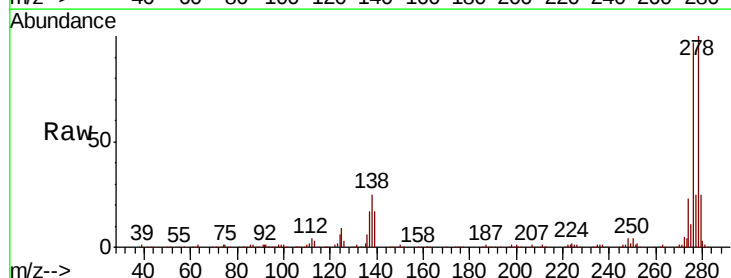
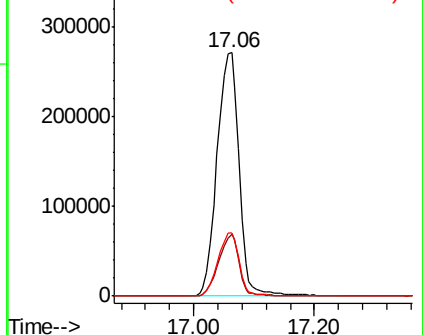
Delta R.T. -0.00 min

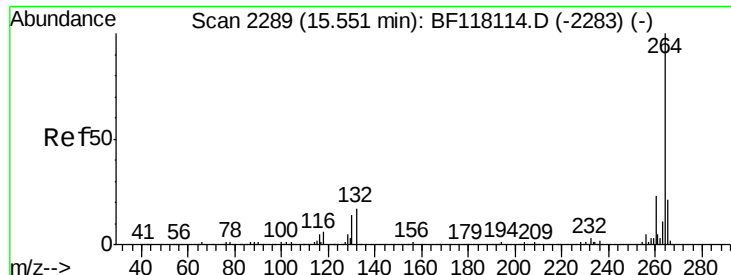
Lab File: BF118281.D

Acq: 19 Dec 2019 16:01

Tgt Ion:	276	Resp:	688075
Ion Ratio	Lower	Upper	
276	100		
138	23.4	18.9	28.3
277	25.3	20.4	30.6

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





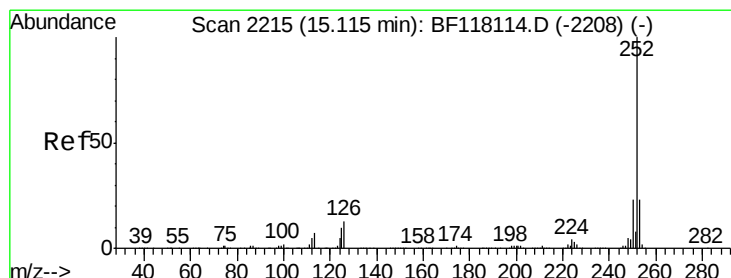
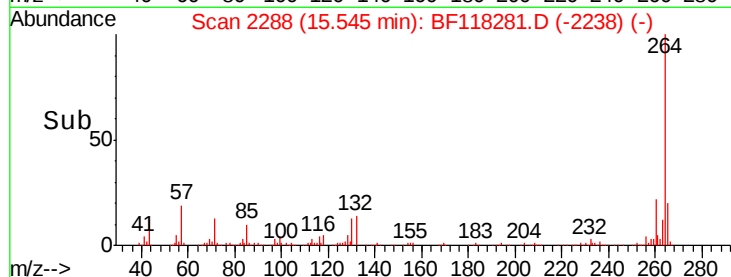
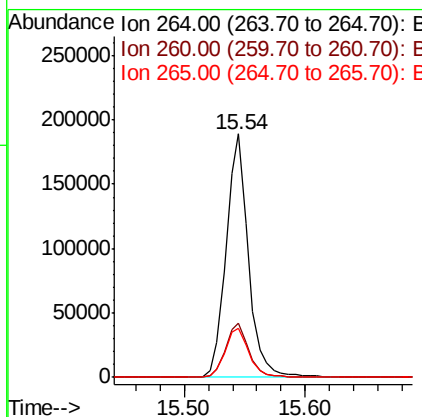
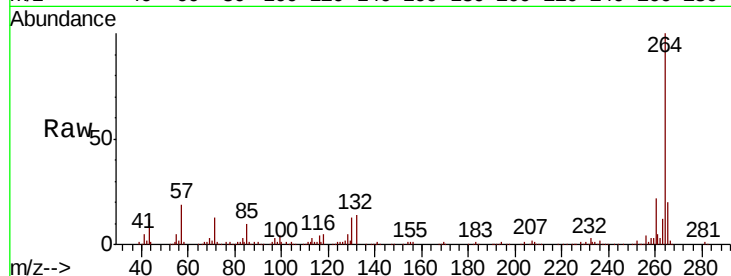
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	28.0
265	20.3	16.8	25.2

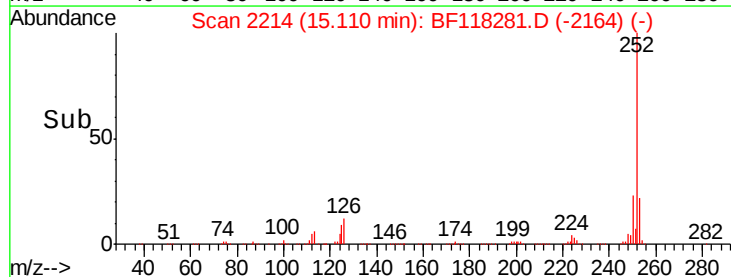
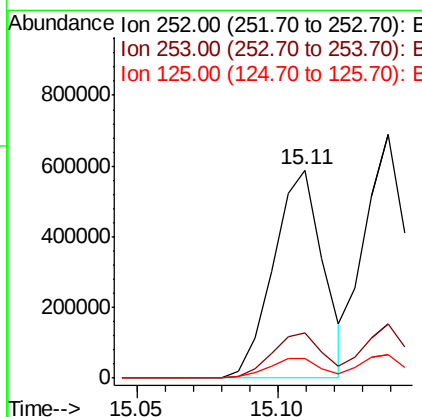
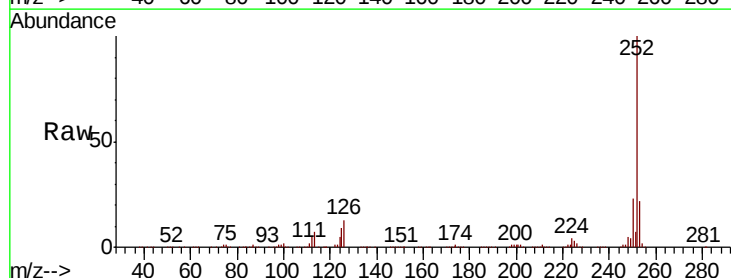
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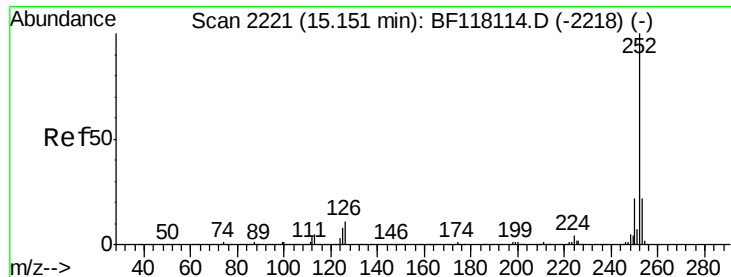
Sohil
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#88
Benzo(b)fluoranthene
Concen: 45.146 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	9.3	8.3	12.5





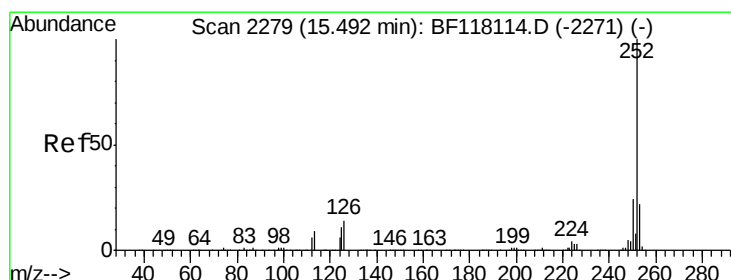
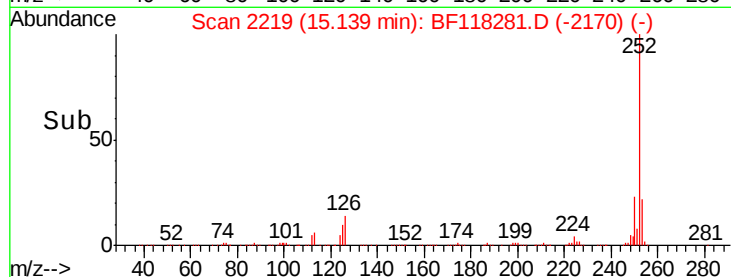
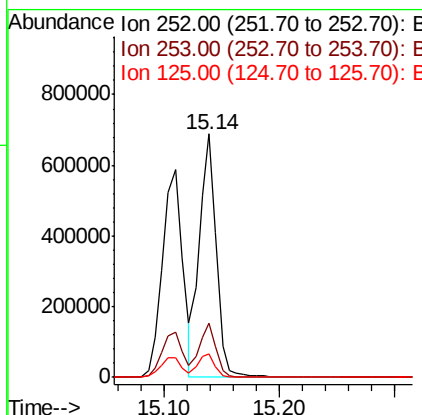
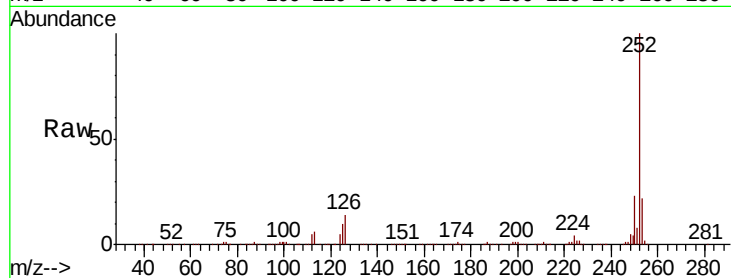
#89
Benzo(k)fluoranthene
Concen: 46.299 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.7	6.7	10.1

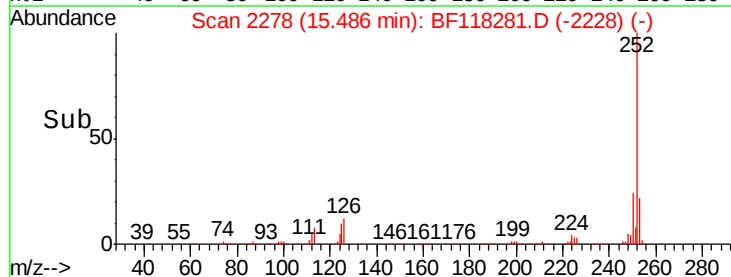
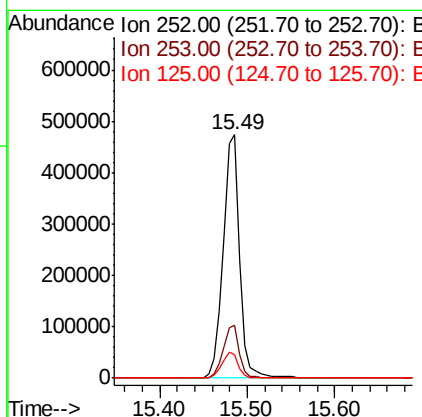
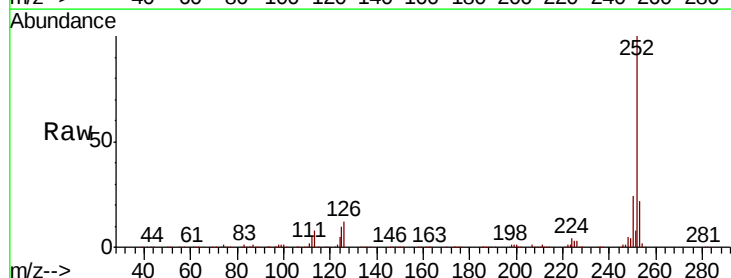
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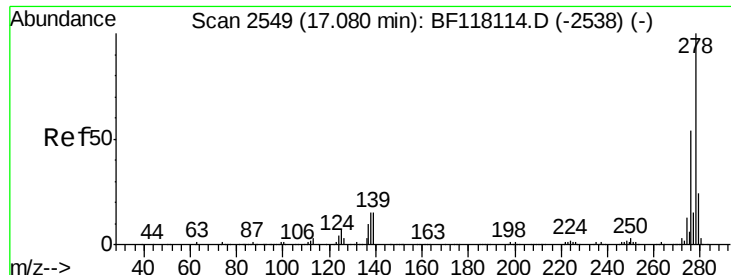
Sohil
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#90
Benzo(a)pyrene
Concen: 44.084 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	9.7	9.1	13.7





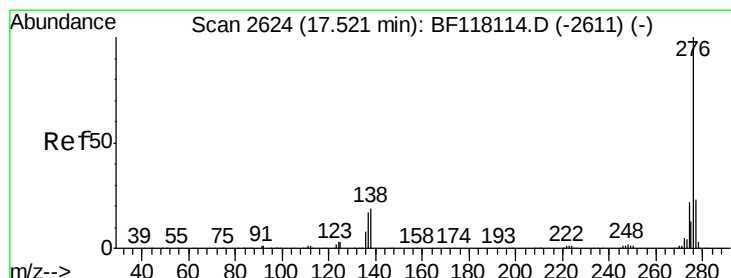
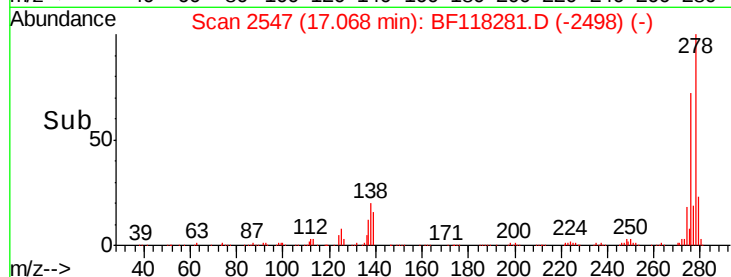
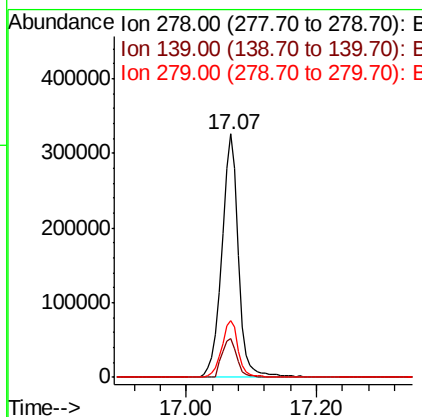
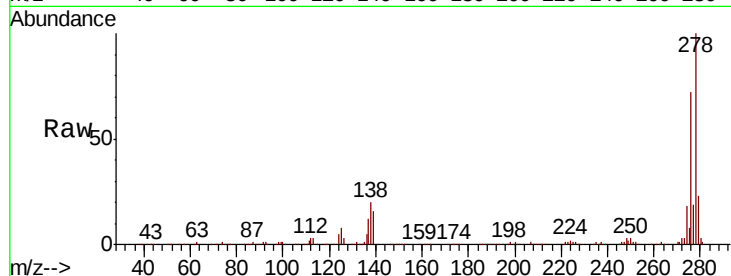
#91
Dibenzo(a,h)anthracene
Concen: 47.665 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Instrument :
BNA_F
ClientSampleId :
PB125606BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	11.7	17.5
279	23.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
12/20/2019 4:26:18 PM



#92
Benzo(g,h,i)perylene
Concen: 49.252 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF118281.D
Acq: 19 Dec 2019 16:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.2	27.4
138	20.0	15.5	23.3

