

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119210.D
 Acq On : 5 Mar 2020 12:52
 Operator : CG/JU
 Sample : PB127191BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BS

Manual Integrations
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mohammad
 3/9/2020 8:26:46 AM

Quant Time: Mar 06 06:40:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	110056	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	420950	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	239532	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	444675	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	284839	20.00	ng	-0.01
87) Perylene-d12	15.31	264	243142	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	826354	125.48	ng	0.00
7) Phenol-d6	6.39	99	997123	124.50	ng	-0.01
23) Nitrobenzene-d5	7.29	82	605782	75.98	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	374278	119.44	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1252312	77.02	ng	-0.02
79) Terphenyl-d14	12.83	244	1457217	88.08	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	2.47	88	118617	40.455 ng	98
3) Pyridine	3.20	79	283309	35.380 ng	99
4) n-Nitrosodimethylamine	3.14	42	111409	45.928 ng	95
6) Aniline	6.39	93	312269	31.597 ng	# 75
8) 2-Chlorophenol	6.52	128	340808	47.954 ng	99
9) Benzaldehyde	6.27	77	148700	27.789 ng	99
10) Phenol	6.40	94	403203	46.562 ng	80
11) bis(2-Chloroethyl)ether	6.46	93	308080	46.498 ng	98
12) 1,3-Dichlorobenzene	6.67	146	373983	43.904 ng	98
13) 1,4-Dichlorobenzene	6.75	146	380829	44.677 ng	98
14) 1,2-Dichlorobenzene	6.90	146	352987	45.406 ng	99
15) Benzyl Alcohol	6.88	79	288755	49.884 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	243554	42.435 ng	# 15
17) 2-Methylphenol	7.00	107	277964	48.240 ng	95
18) Hexachloroethane	7.23	117	135804	44.531 ng	100
19) n-Nitroso-di-n-propylamine	7.15	70	233437	50.019 ng	97
20) 3+4-Methylphenols	7.16	107	365857	51.826 ng	# 84
22) Acetophenone	7.14	105	466490	47.896 ng	# 95
24) Nitrobenzene	7.31	77	351467	44.580 ng	97
25) Isophorone	7.55	82	640125	46.232 ng	98
26) 2-Nitrophenol	7.63	139	191973	45.956 ng	98
27) 2,4-Dimethylphenol	7.68	122	298963	52.733 ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	388961	43.159 ng	99
29) 2,4-Dichlorophenol	7.88	162	303669	45.499 ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	330045	41.708 ng	100
31) Naphthalene	8.03	128	986615	45.193 ng	99
32) Benzoic acid	7.84	122	167623	41.561 ng	99
33) 4-Chloroaniline	8.09	127	260788	27.774 ng	99
34) Hexachlorobutadiene	8.15	225	202439	41.070 ng	99
35) Caprolactam	8.46	113	88865m	43.241 ng	
36) 4-Chloro-3-methylphenol	8.59	107	322336	47.721 ng	99
37) 2-Methylnaphthalene	8.72	142	687008	46.762 ng	99
38) 1-Methylnaphthalene	8.82	142	642687	46.515 ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	341485	42.284 ng	99

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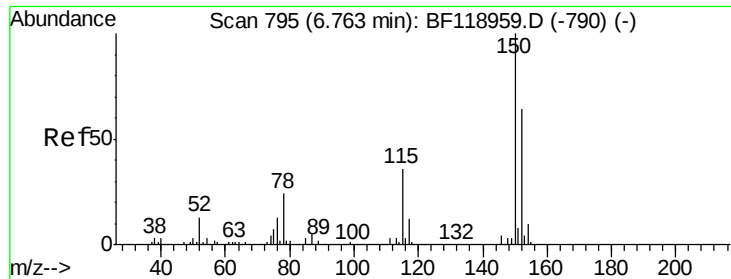
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	174768	61.865	ng	99
43) 2,4,6-Trichlorophenol	9.01	196	215726	42.300	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	225771	42.187	ng	99
46) 1,1'-Biphenyl	9.19	154	831540	42.954	ng	99
47) 2-Chloronaphthalene	9.22	162	663634	42.539	ng	97
48) 2-Nitroaniline	9.32	65	186560	42.875	ng	96
49) Acenaphthylene	9.63	152	1020418	45.288	ng	99
50) Dimethylphthalate	9.49	163	808101	44.119	ng	98
51) 2,6-Dinitrotoluene	9.56	165	184047	45.227	ng	90
52) Acenaphthene	9.80	154	601906	44.302	ng	100
53) 3-Nitroaniline	9.73	138	126775	28.101	ng	96
54) 2,4-Dinitrophenol	9.85	184	139786	71.548	ng	92
55) Dibenzofuran	9.97	168	899162	44.340	ng	100
56) 4-Nitrophenol	9.92	139	177087	65.332	ng	97
57) 2,4-Dinitrotoluene	9.97	165	224572	42.575	ng	94
58) Fluorene	10.32	166	732449	46.482	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	193523	42.855	ng	97
60) Diethylphthalate	10.19	149	789690	45.750	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	381774	45.771	ng	96
62) 4-Nitroaniline	10.35	138	156240	33.850	ng	96
63) Azobenzene	10.46	77	697432	46.484	ng	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	121265	45.067	ng	92
66) n-Nitrosodiphenylamine	10.43	169	656188	45.067	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	248456	42.745	ng	95
68) Hexachlorobenzene	10.87	284	281476	42.002	ng	98
69) Atrazine	10.96	200	231584	45.523	ng	98
70) Pentachlorophenol	11.07	266	185475	68.707	ng	98
71) Phenanthrene	11.27	178	1055809	43.538	ng	98
72) Anthracene	11.33	178	1098712	45.345	ng	98
73) Carbazole	11.49	167	932896	43.217	ng	98
74) Di-n-butylphthalate	11.81	149	1198565	45.850	ng	99
75) Fluoranthene	12.46	202	1103971	42.887	ng	99
77) Benzidine	12.58	184	356793	30.800	ng	98
78) Pyrene	12.69	202	1089300	47.625	ng	99
80) Butylbenzylphthalate	13.30	149	467801	48.596	ng	96
81) Benzo(a)anthracene	13.88	228	878011	45.240	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	232396	30.837	ng	97
83) Chrysene	13.92	228	831960	43.021	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	643090	52.879	ng	100
85) Di-n-octyl phthalate	14.47	149	987237	50.949	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	765428	40.878	ng	100
88) Benzo(b)fluoranthene	14.91	252	744359	46.445	ng	99
89) Benzo(k)fluoranthene	14.93	252	696997	46.929	ng	100
90) Benzo(a)pyrene	15.26	252	633522	43.799	ng	97
91) Dibenzo(a,h)anthracene	16.72	278	650386	51.103	ng	99
92) Benzo(g,h,i)perylene	17.14	276	650165	51.703	ng	99

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



#1

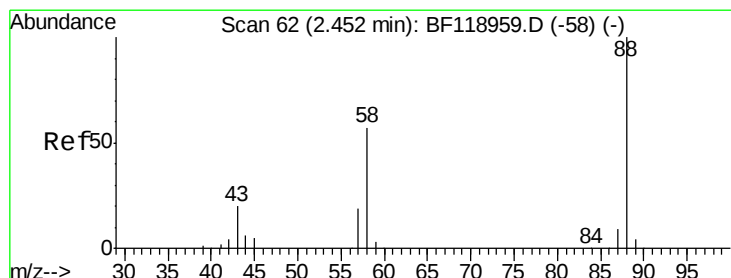
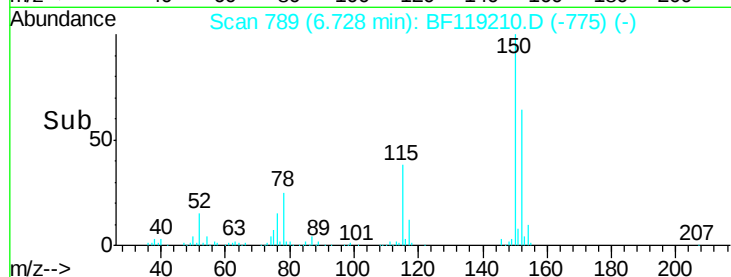
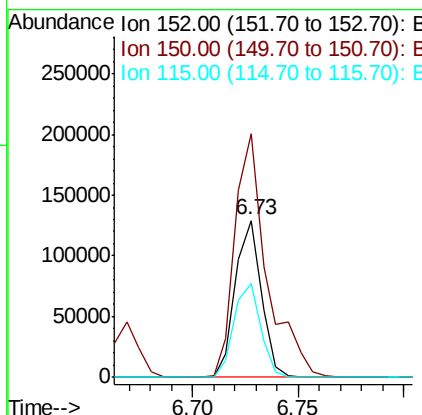
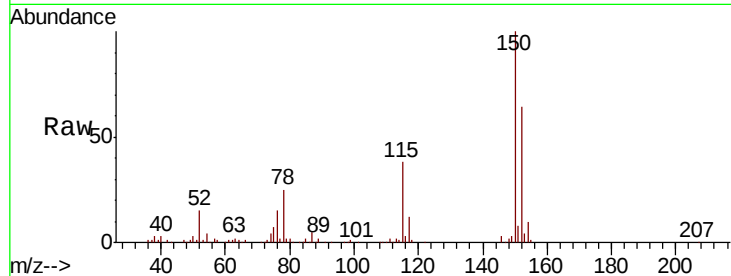
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampled :
PB127191BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.0	184.6
115	59.6	49.5	74.3

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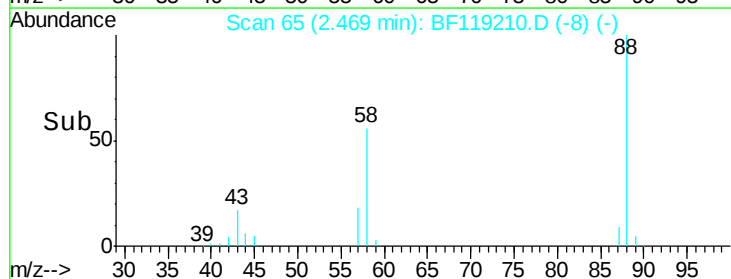
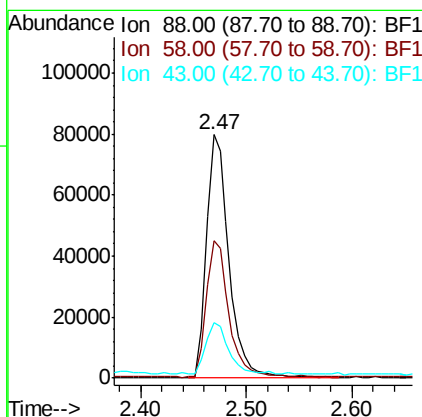
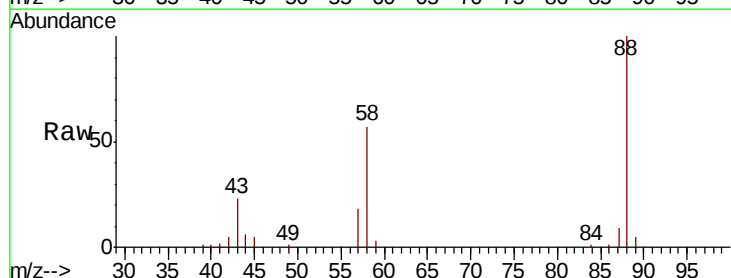
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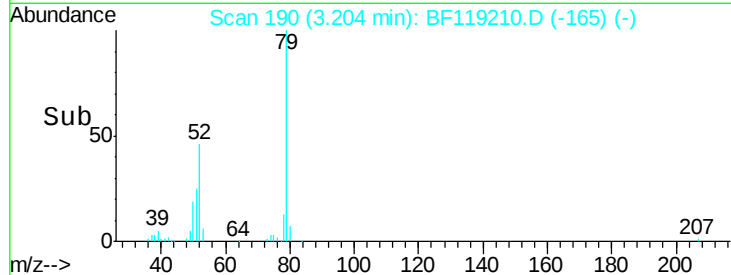
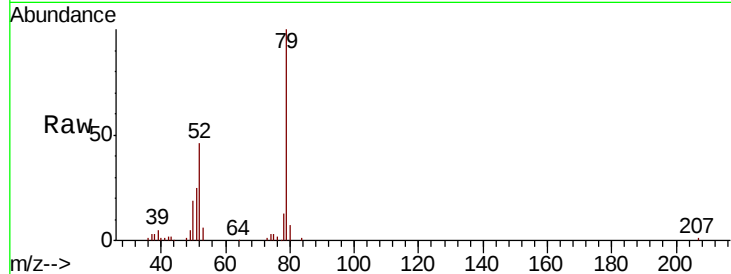
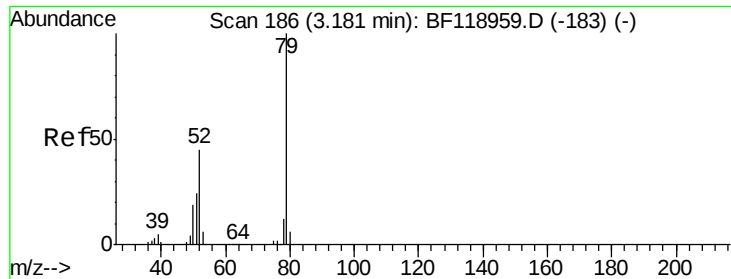


#2

1,4-Dioxane
Concen: 40.455 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.04 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	43.8	65.6
43	20.1	16.2	24.4





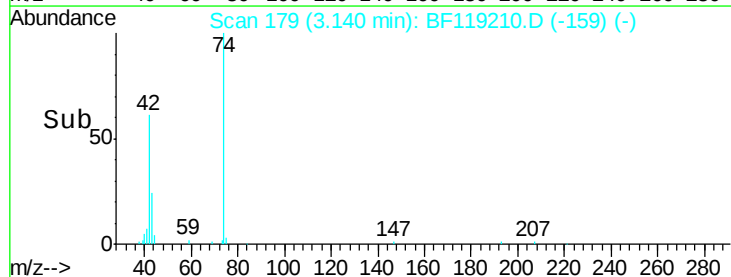
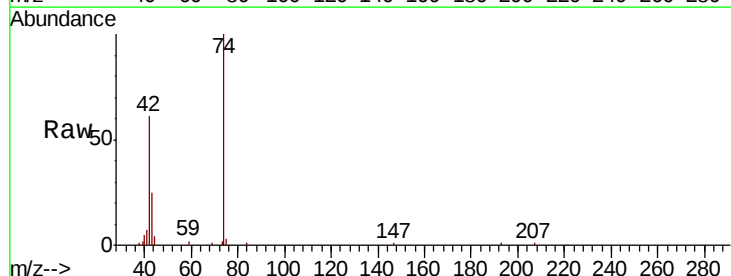
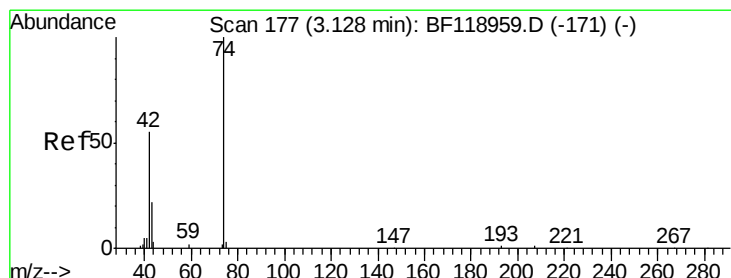
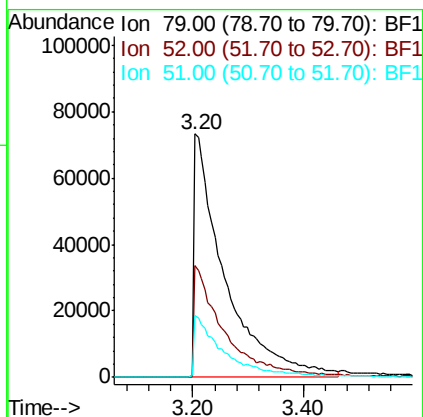
#3
Pvridine
Concen: 35.380 ng
RT: 3.20 min Scan# 190
Delta R.T. 0.05 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.9	37.4	56.0
51	25.5	19.8	29.6

Instrument :
BNA_F
ClientSampleId :
PB127191BS

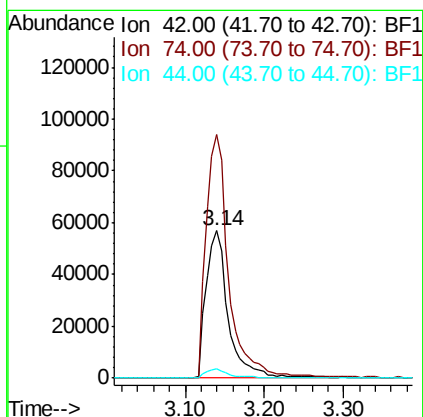
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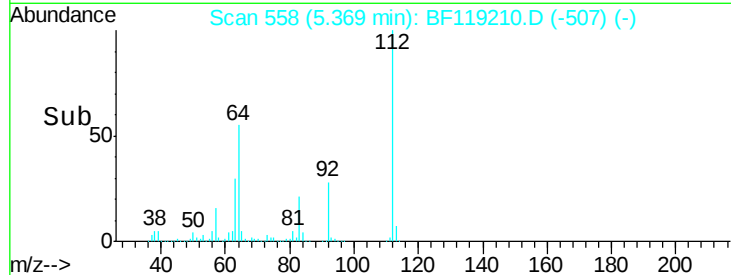
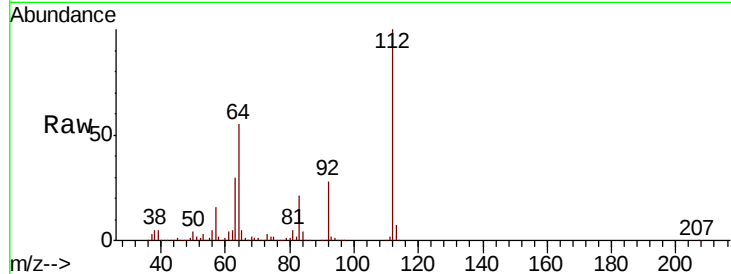
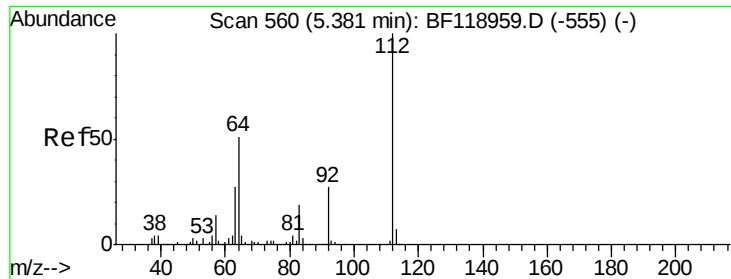
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#4
n-Nitrosodimethylamine
Concen: 45.928 ng
RT: 3.14 min Scan# 179
Delta R.T. 0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	165.2	137.7	206.5
44	6.3	4.5	6.7





#5

2-Fluorophenol

Concen: 125.480 ng

RT: 5.37 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

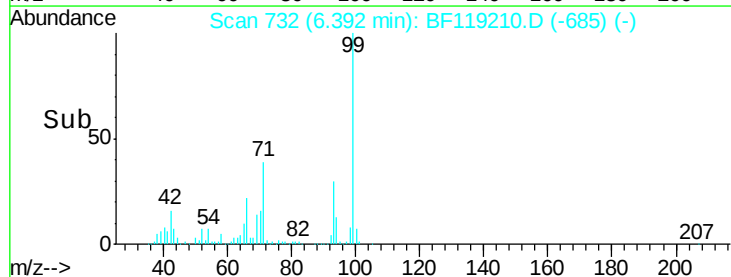
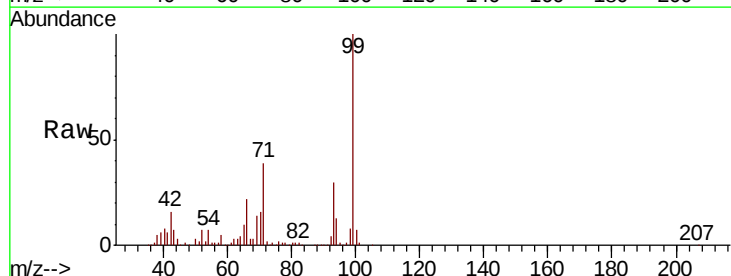
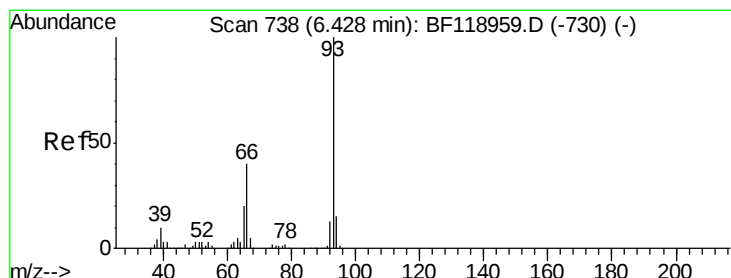
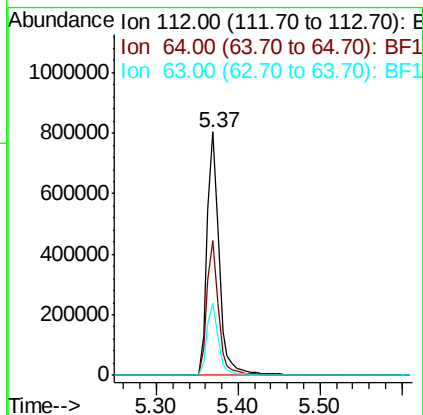
ClientSampleId :

PB127191BS

Tot Ion:	112	Resp:	826354
Ion Ratio	Lower	Upper	
112	100		
64	55.4	45.0	67.4
63	29.5	24.2	36.4

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#6

Aniline

Concen: 31.597 ng

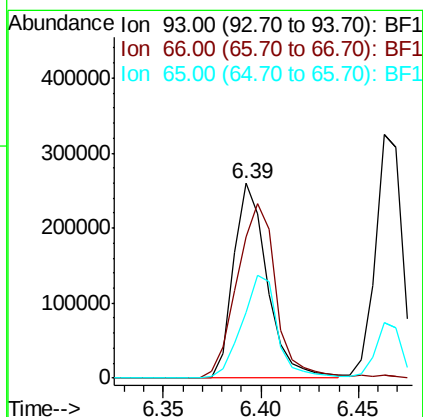
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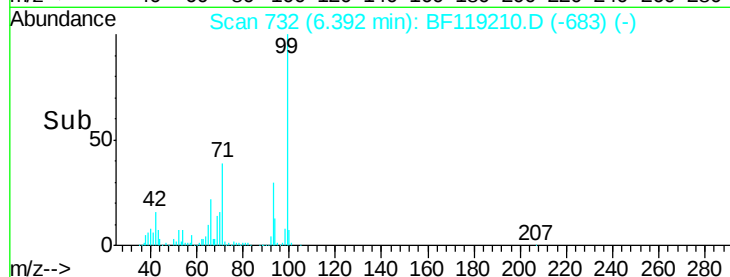
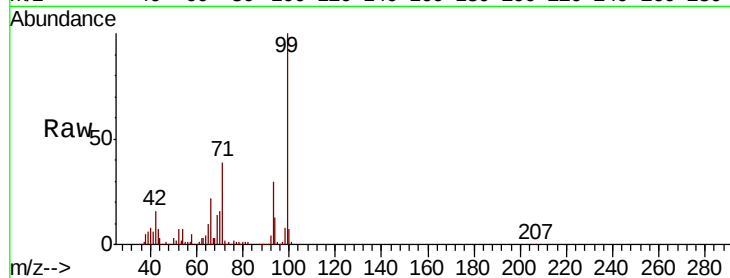
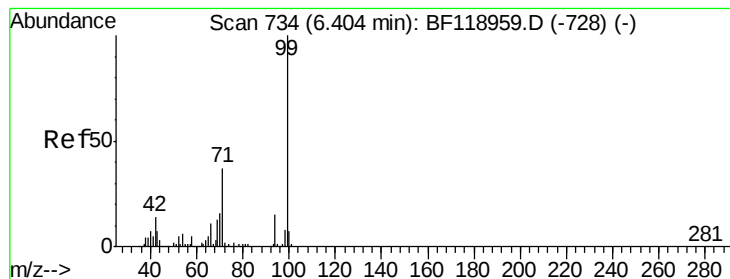
Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:	93	Resp:	312269
Ion Ratio	Lower	Upper	
93	100		
66	72.5	74.5	111.7#
65	33.6	45.3	67.9#





#7

Phenol-d6

Concen: 124.497 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tot Ion:	99	Resp:	997123
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.6	18.8
71	39.3	31.0	46.4

Instrument :

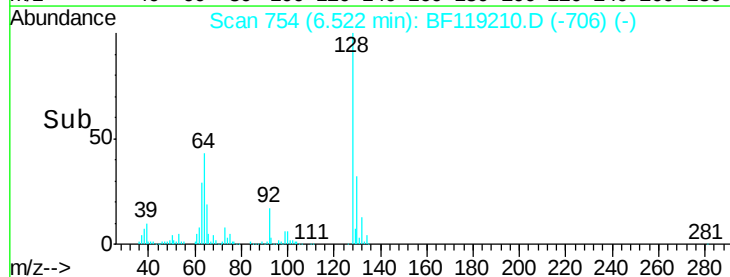
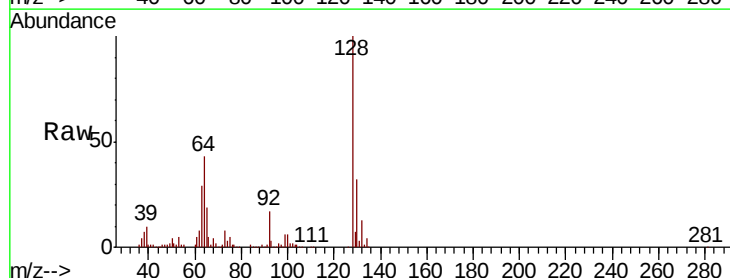
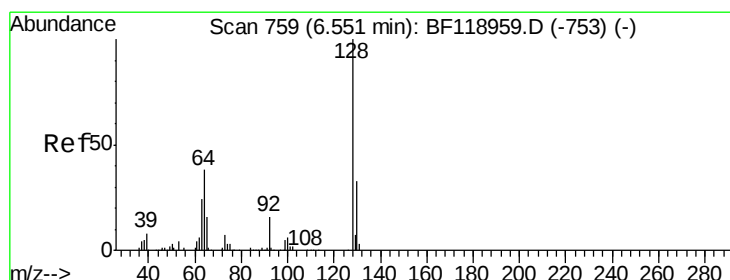
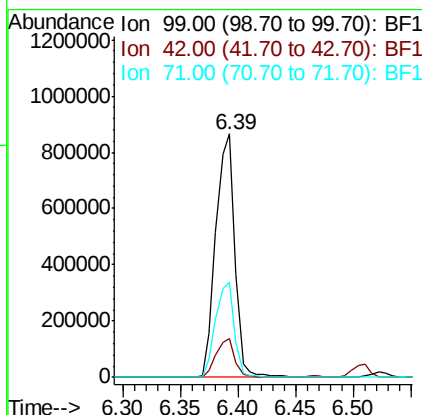
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 47.954 ng

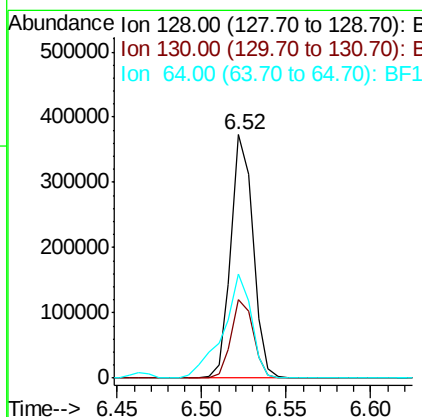
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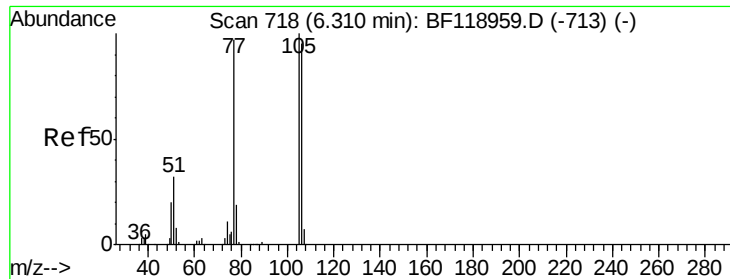
Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:	128	Resp:	340808
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.7	52.7
64	42.8	22.3	62.3





#9

Benzaldehyde

Concen: 27.789 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

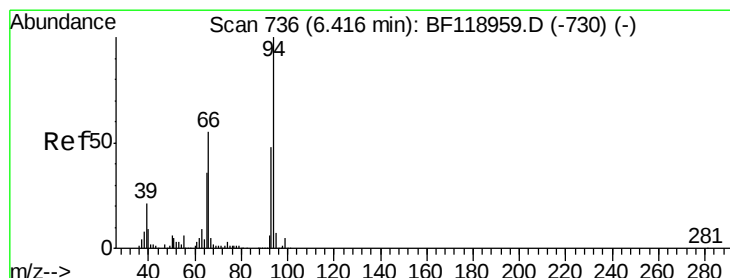
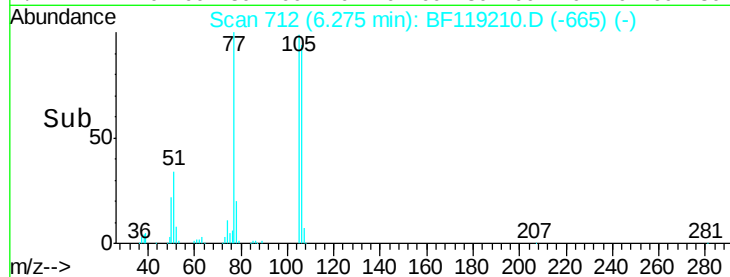
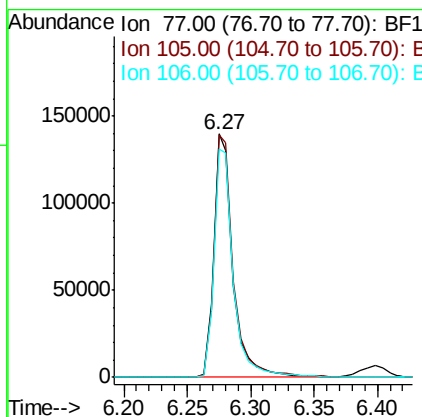
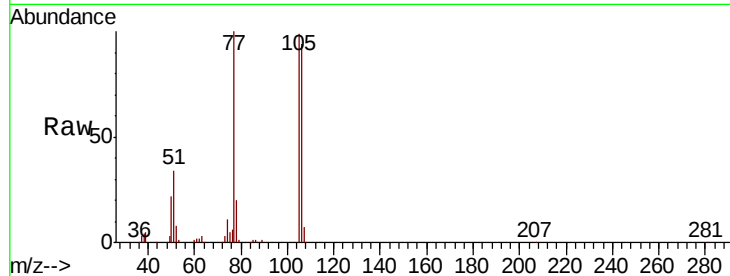
ClientSampleId :

PB127191BS

Tot Ion:	77	Resp:	148700
Ion	Ratio	Lower	Upper
77	100		
105	99.3	80.1	120.1
106	93.7	75.9	115.9

Manual Integrations
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#10

Phenol

Concen: 46.562 ng

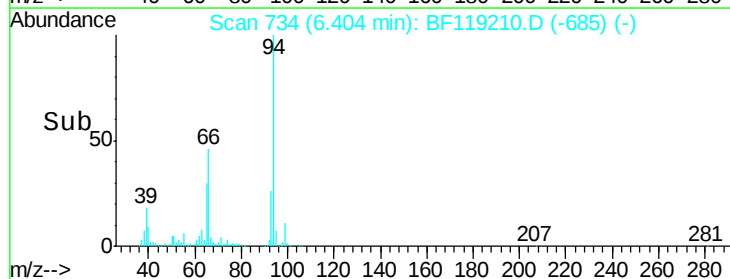
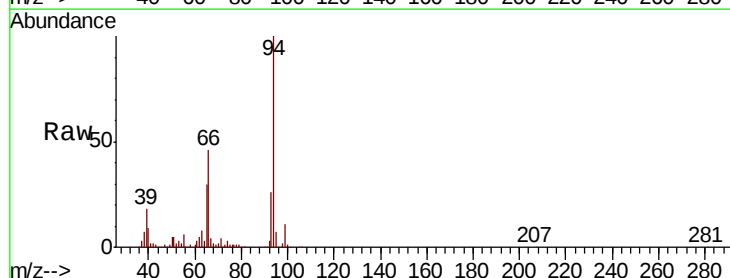
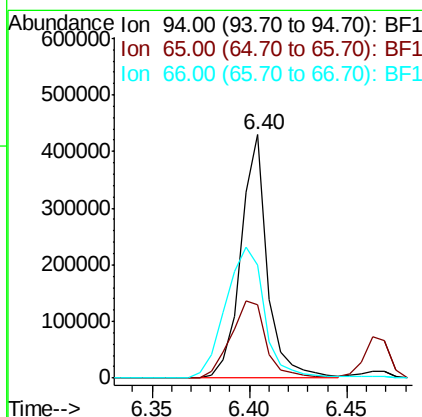
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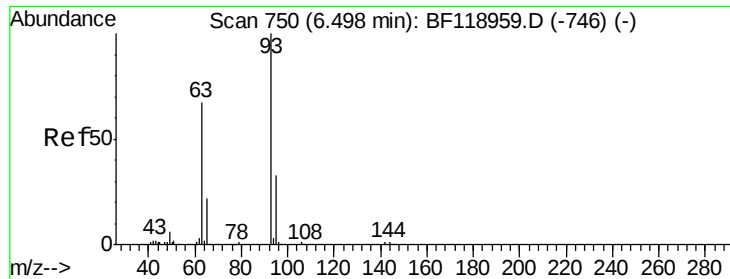
Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:	94	Resp:	403203
Ion	Ratio	Lower	Upper
94	100		
65	30.0	19.2	59.2
66	46.2	44.4	84.4





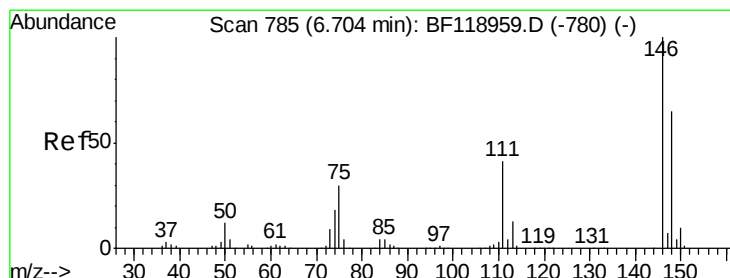
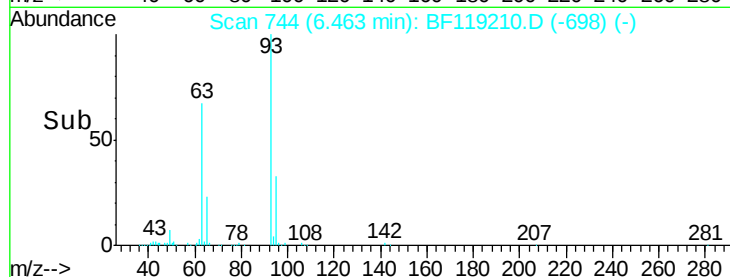
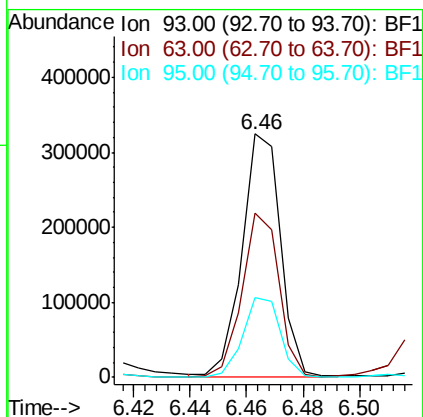
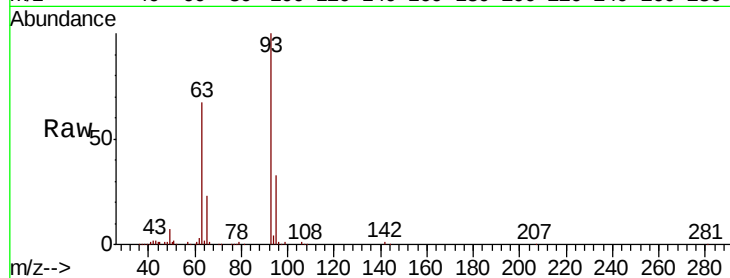
#11
bis(2-Chloroethyl)ether
Concen: 46.498 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	67.3	45.4	85.4	
95	32.5	13.5	53.5	

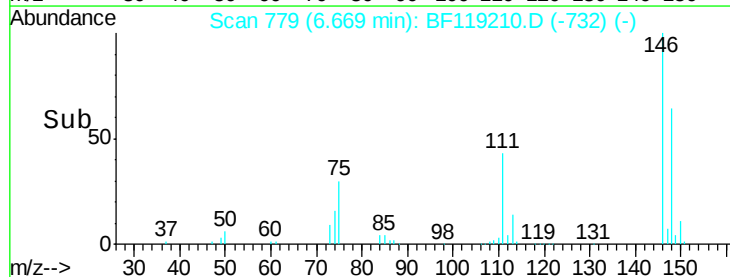
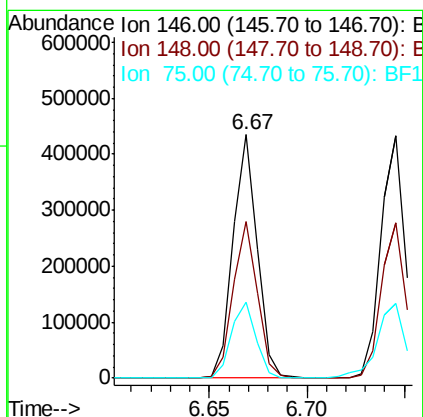
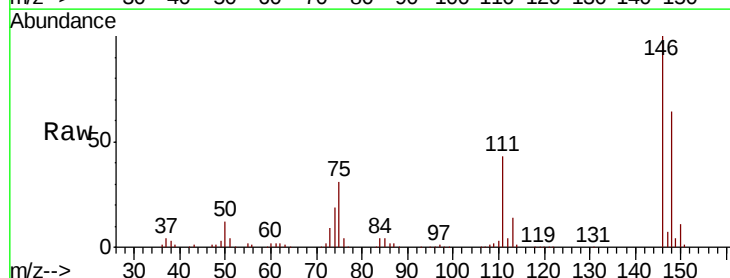
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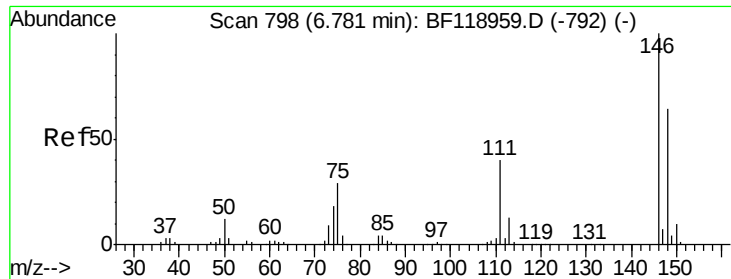
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.904 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.1	52.5	78.7	
75	31.0	23.6	35.4	





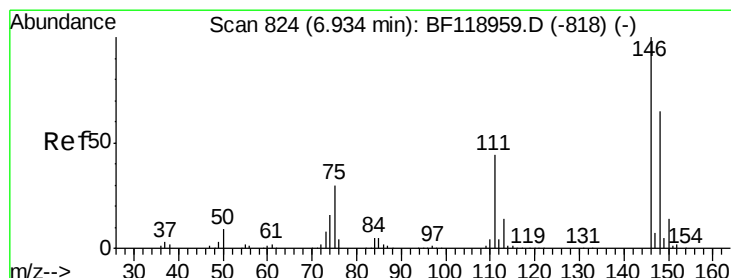
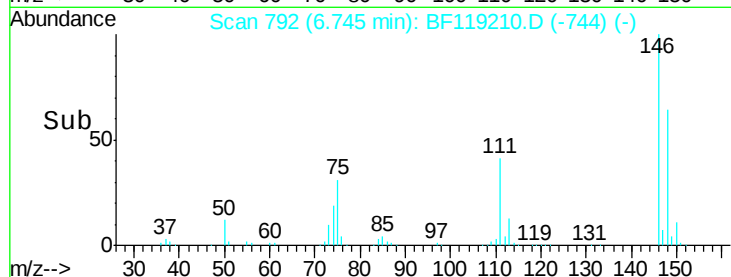
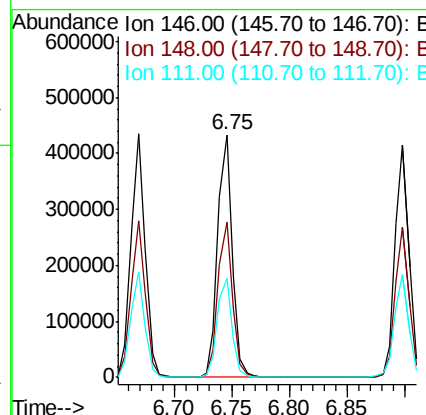
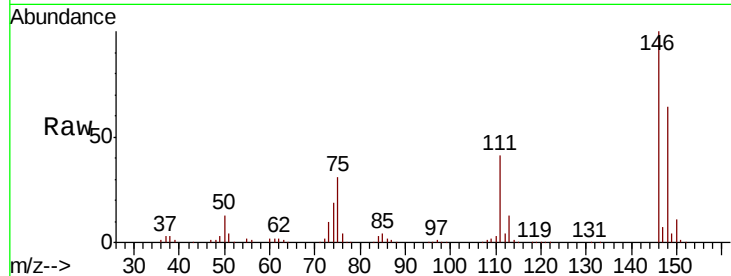
#13
 1,4-Dichlorobenzene
 Concen: 44.677 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	40.7	34.8	52.2

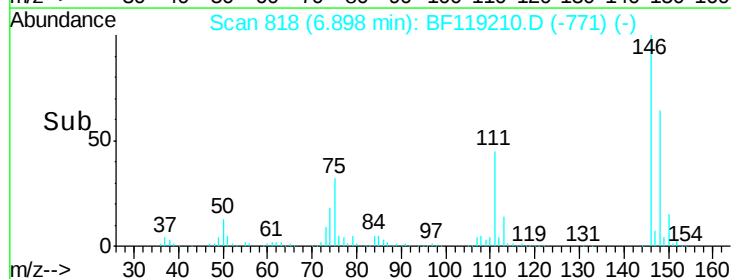
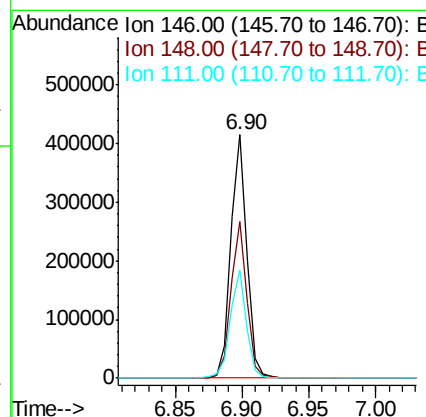
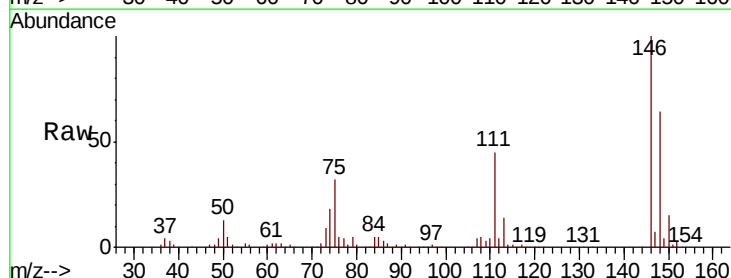
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#14
 1,2-Dichlorobenzene
 Concen: 45.406 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	44.5	36.2	54.2





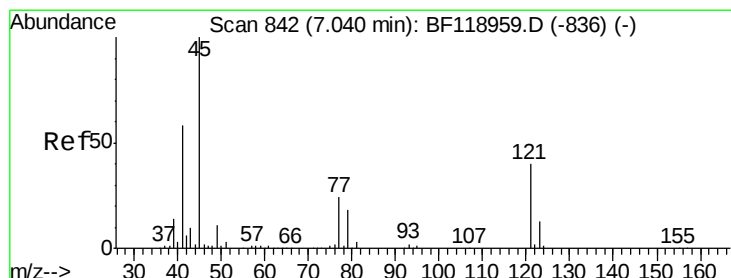
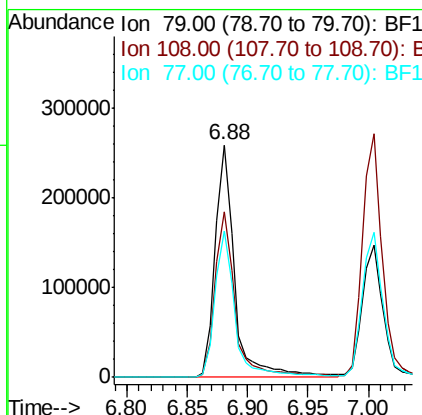
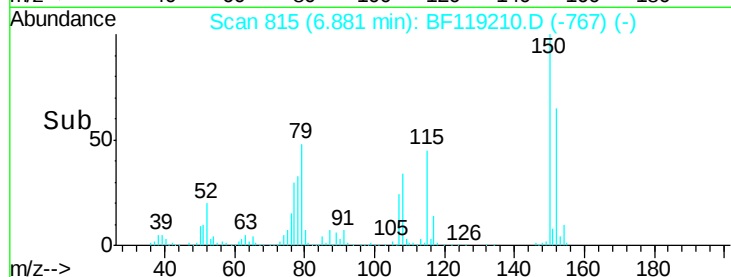
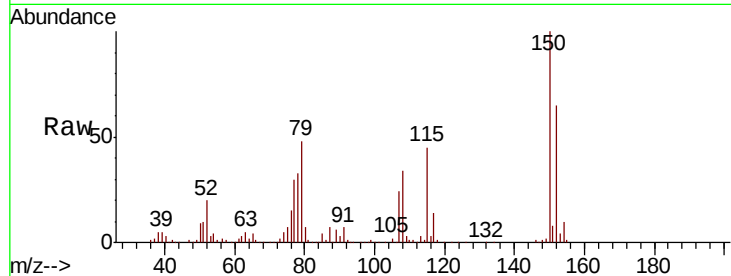
#15
Benzyl Alcohol
Concen: 49.884 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	71.5	58.2	87.2	
77	62.8	51.2	76.8	

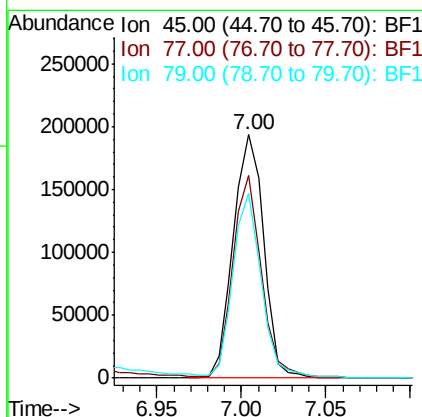
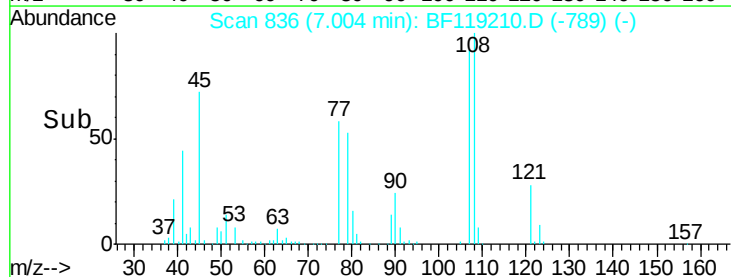
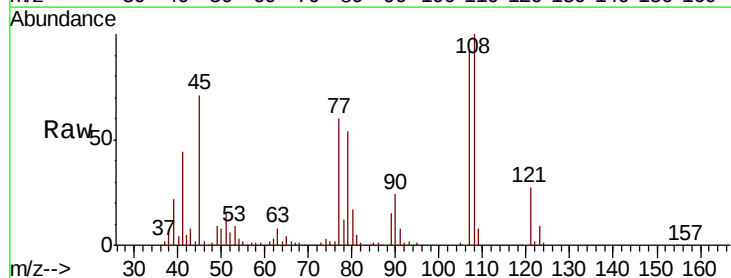
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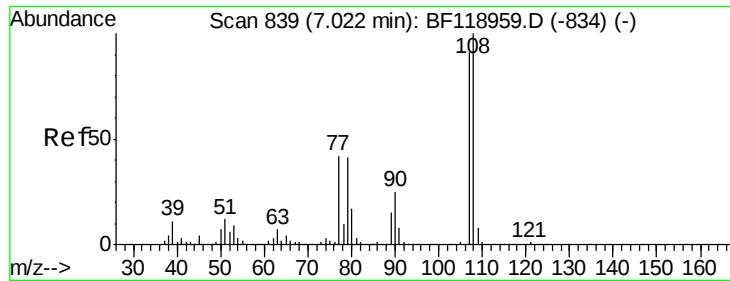
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.435 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	83.3	15.0	55.0#	
79	75.9	9.4	49.4#	





#17

2-Methylphenol

Concen: 48.240 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

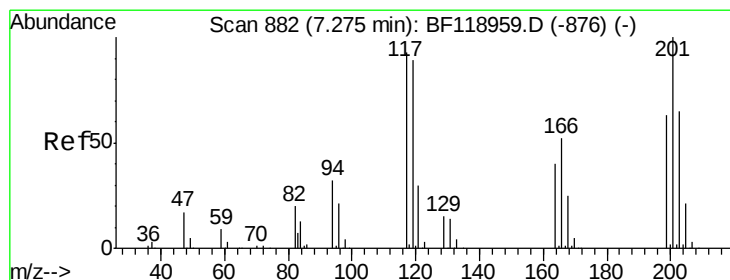
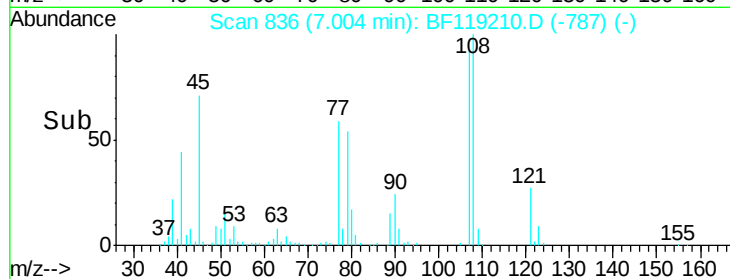
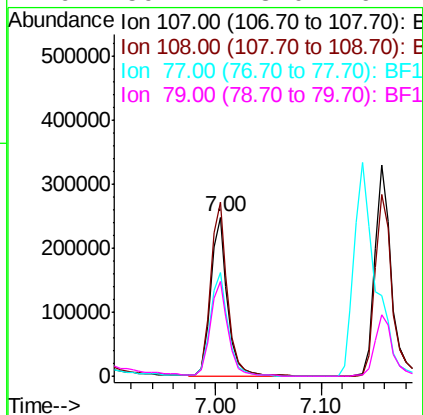
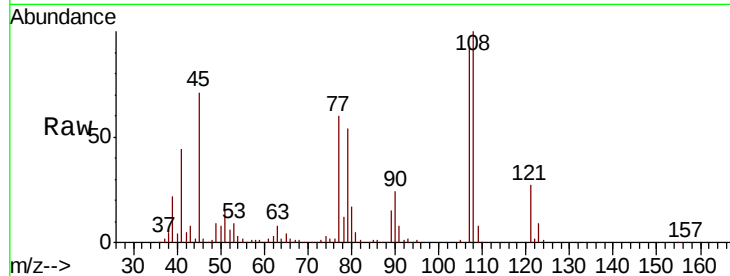
ClientSampleId :

PB127191BS

Tot Ion	107	Resp	277964
Ion	Ratio	Lower	Upper
107	100		
108	109.2	87.9	131.9
77	65.0	45.3	67.9
79	59.2	43.0	64.4

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#18

Hexachloroethane

Concen: 44.531 ng

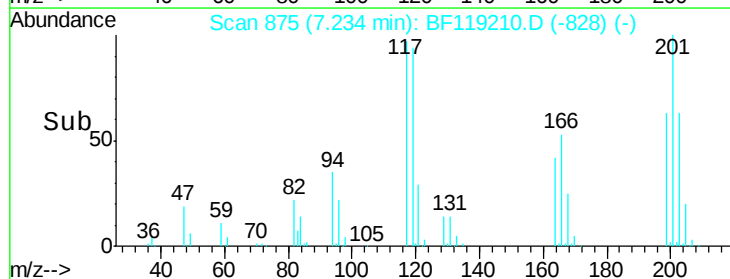
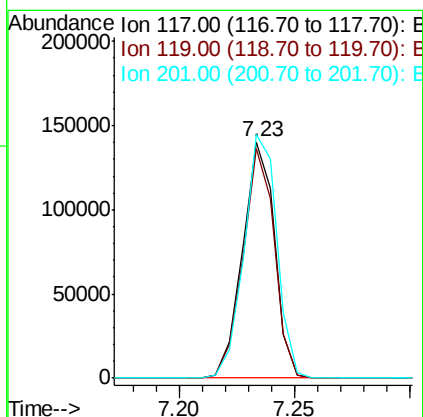
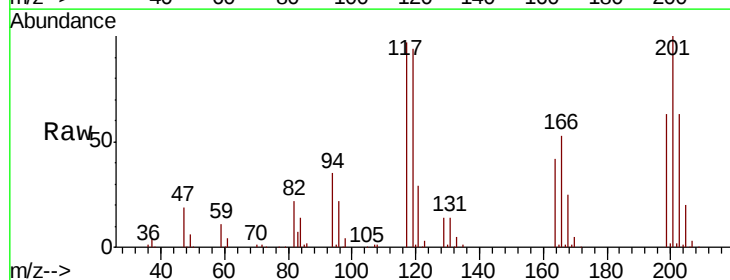
RT: 7.23 min Scan# 875

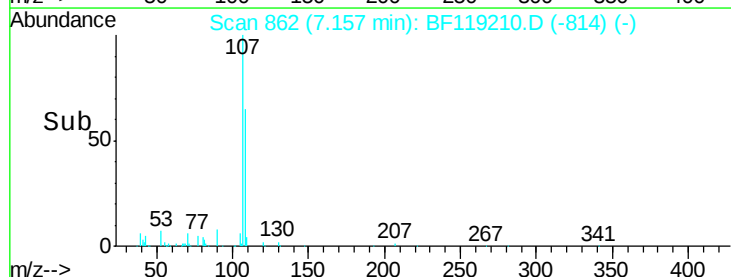
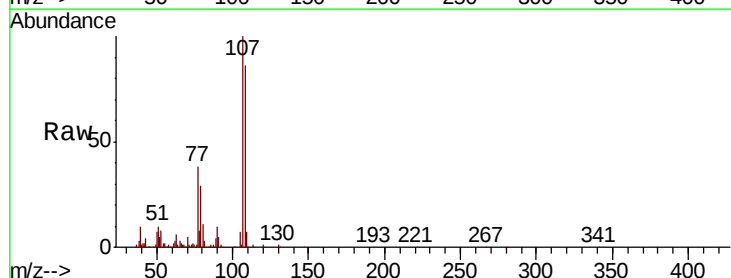
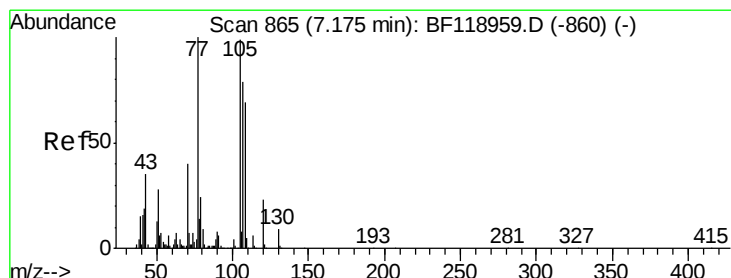
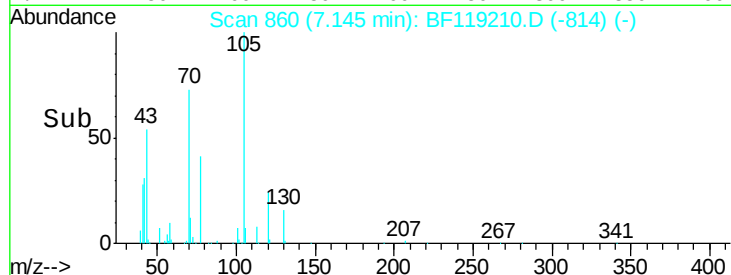
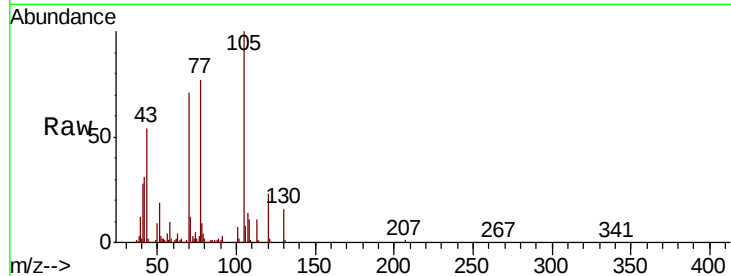
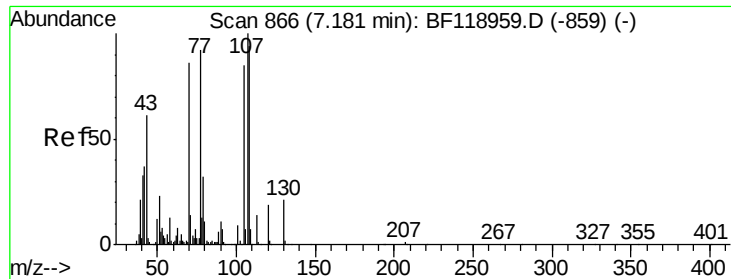
Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

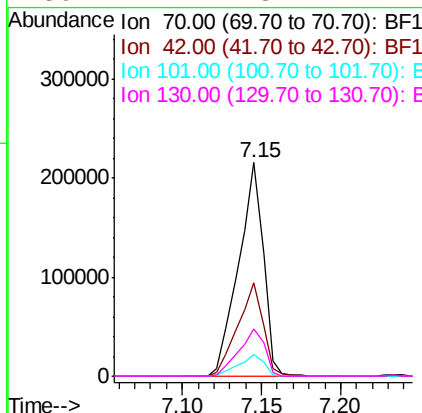
Tgt Ion	117	Resp	135804
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.5	116.3
201	103.1	82.6	123.8





#19
n-Nitroso-di-n-propylamine
Concen: 50.019 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	38.0	57.0
101	10.2	8.2	12.4
130	22.4	18.2	27.4



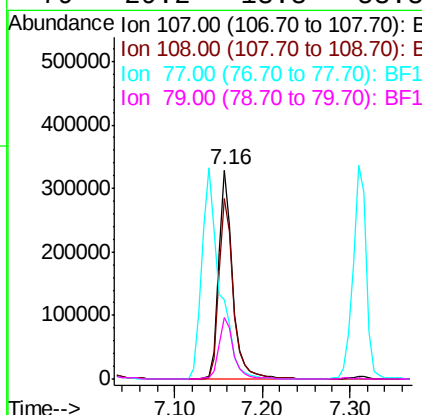
Instrument :
BNA_F
ClientSampleId :
PB127191BS

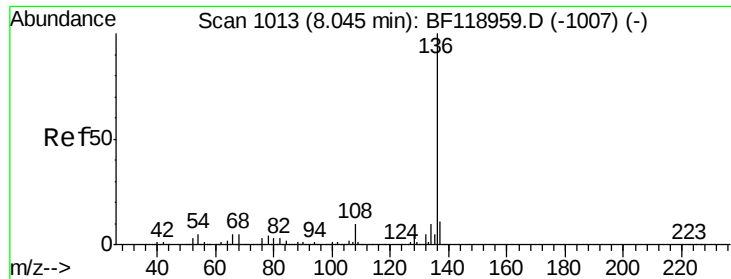
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#20
3+4-Methylphenols
Concen: 51.826 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	71.5	111.5
77	38.1	45.9	85.9#
79	29.2	13.8	53.8





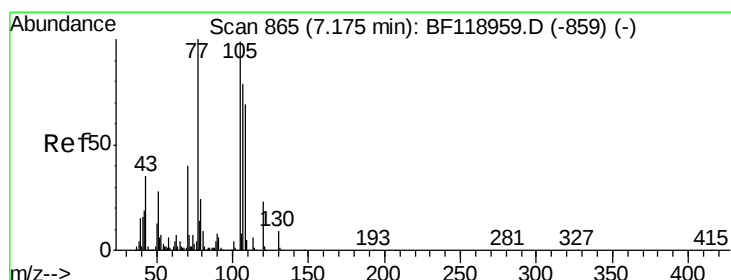
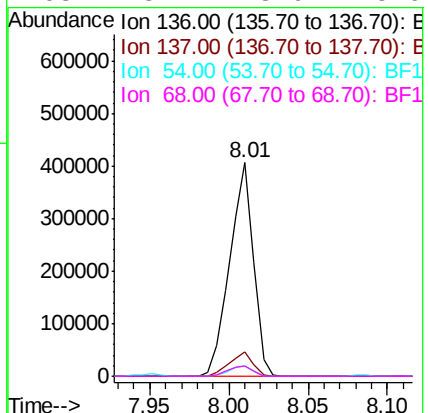
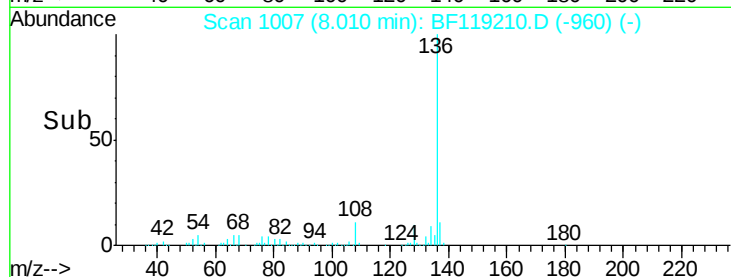
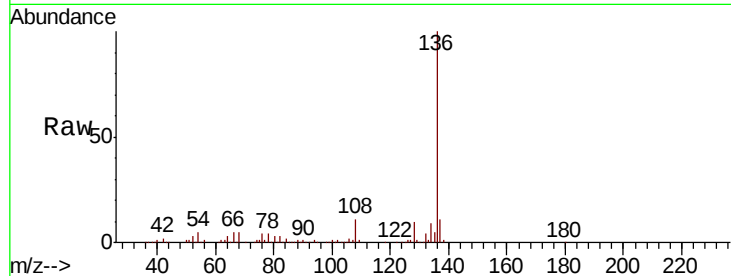
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		420950		
137	11.1	8.8	13.2		
54	5.0	3.8	5.6		
68	5.1	3.9	5.9		

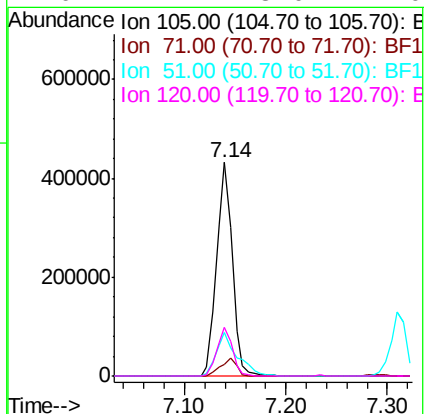
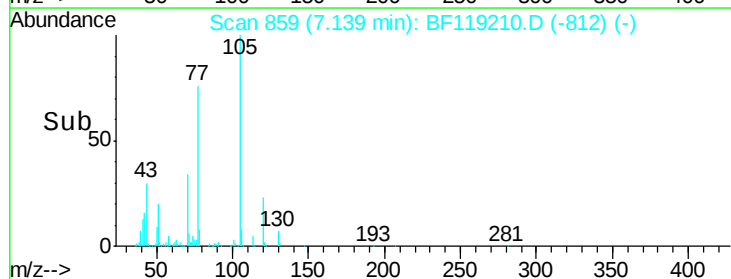
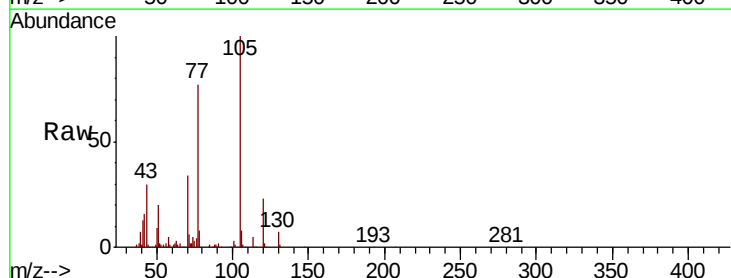
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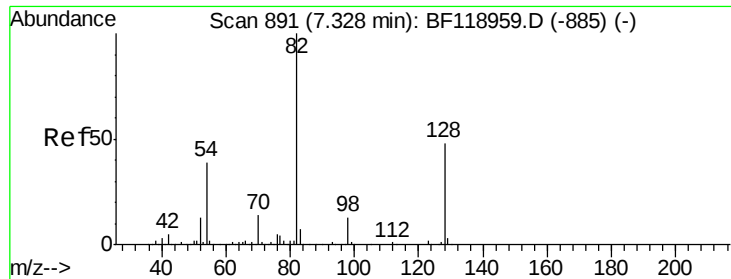
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#22
Acetophenone
Concen: 47.896 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		466490		
71	5.6	3.0	4.4#		
51	20.3	20.1	30.1		
120	22.7	18.0	27.0		





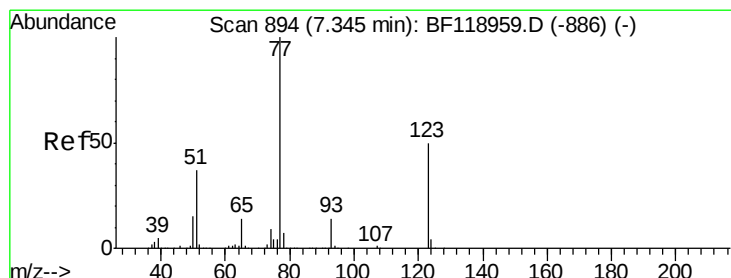
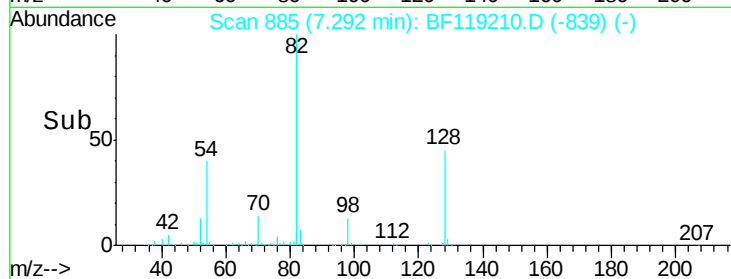
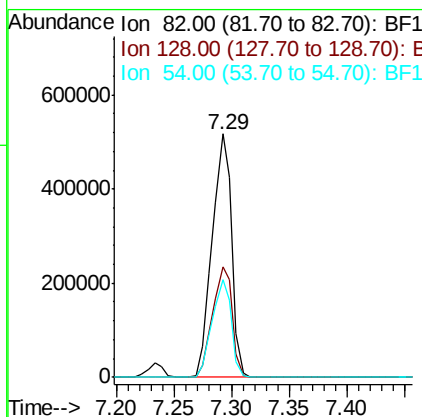
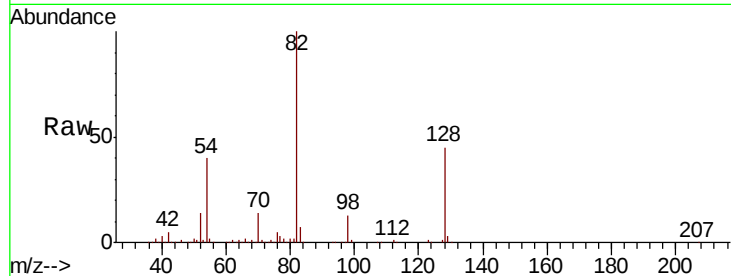
#23
 Nitrobenzene-d5
 Concen: 75.984 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.9	56.9
54	40.3	33.4	50.2

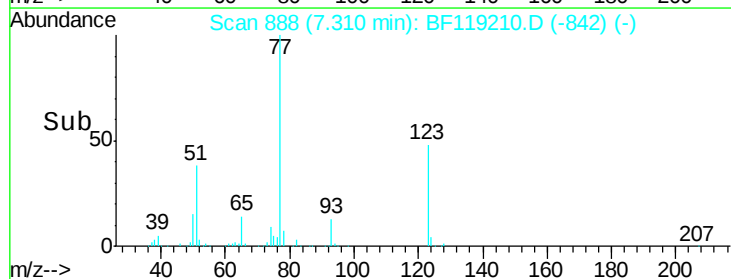
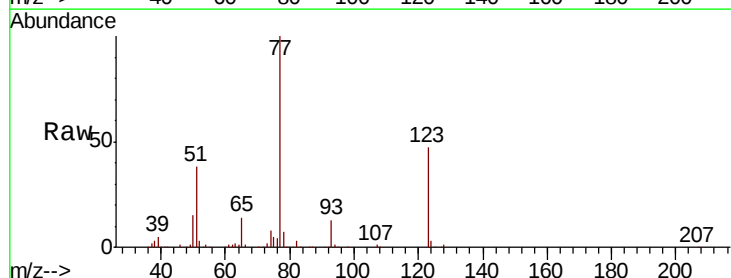
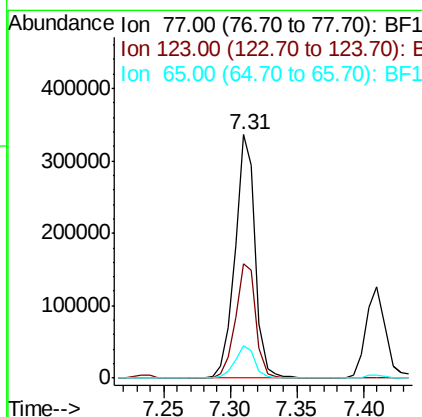
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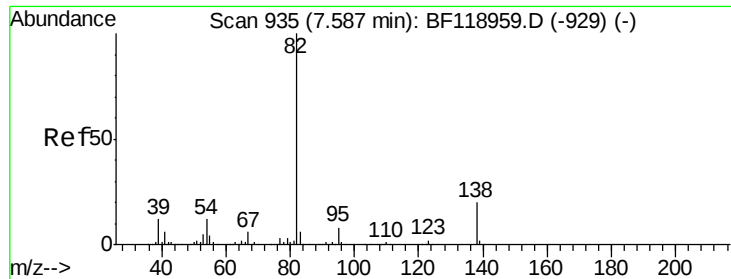
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#24
 Nitrobenzene
 Concen: 44.580 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	40.2	60.2
65	13.6	10.8	16.2





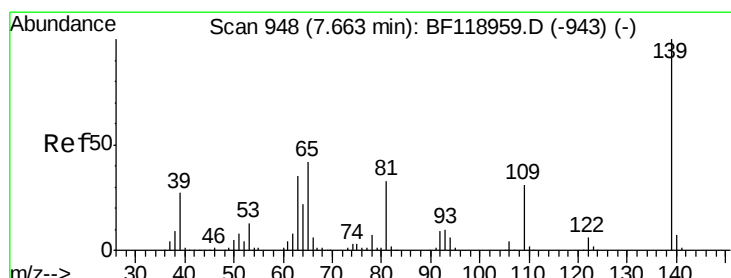
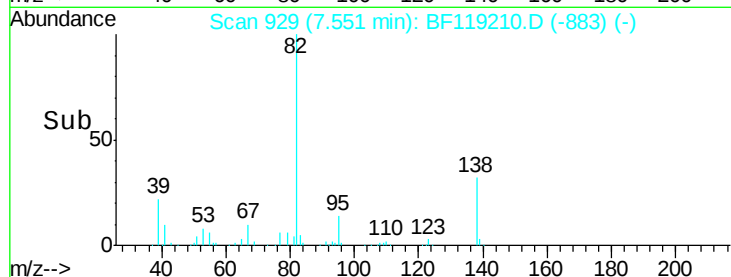
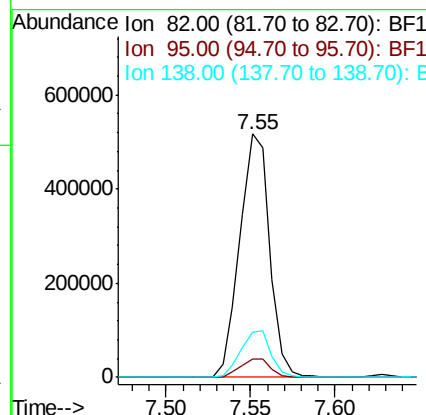
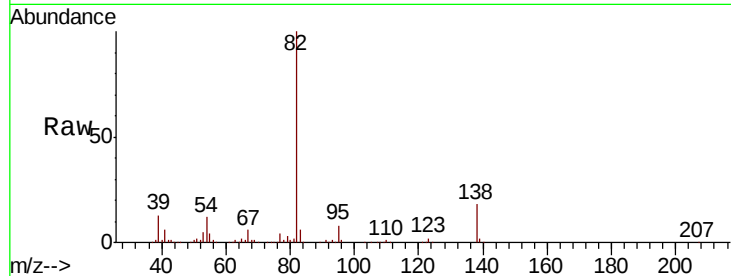
#25
Isophorone
Concen: 46.232 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.03 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	640125		
95	7.8		6.4	9.6
138	18.4		15.7	23.5

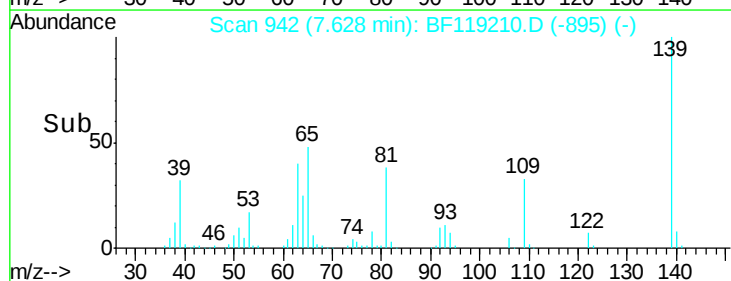
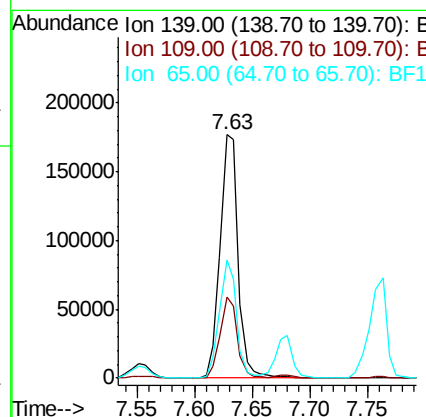
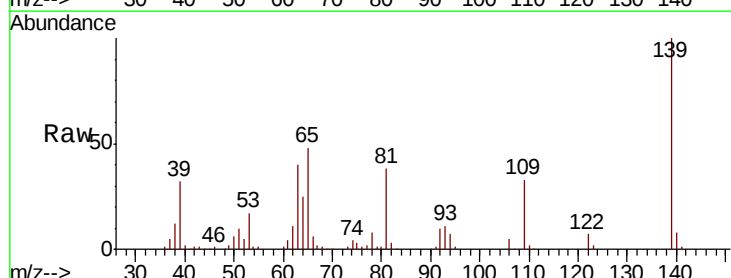
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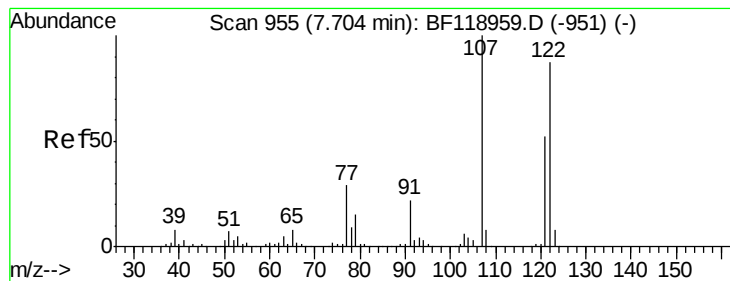
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#26
2-Nitrophenol
Concen: 45.956 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	191973		
109	33.0		25.7	38.5
65	48.4		37.1	55.7





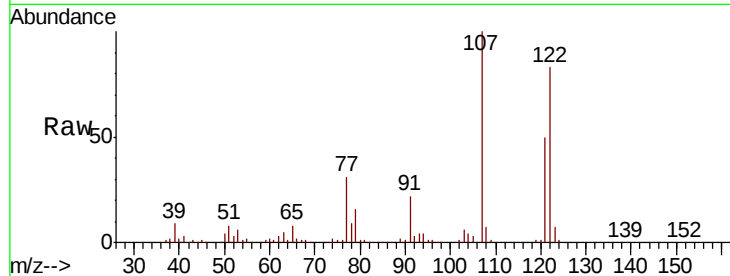
#27
2,4-Dimethylphenol
Concen: 52.733 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.9	93.8	140.6
121	60.2	48.2	72.2

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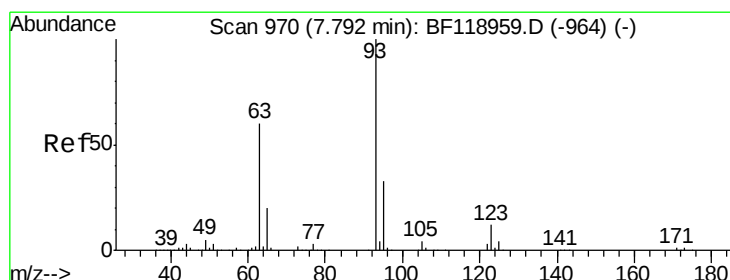
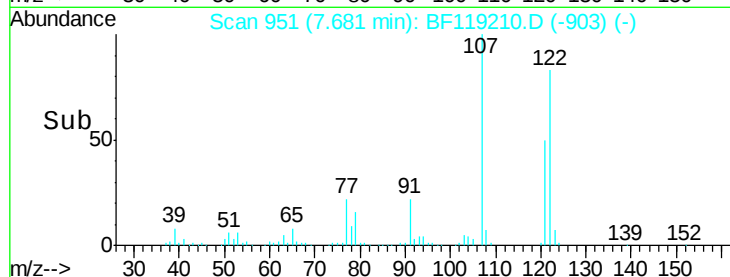
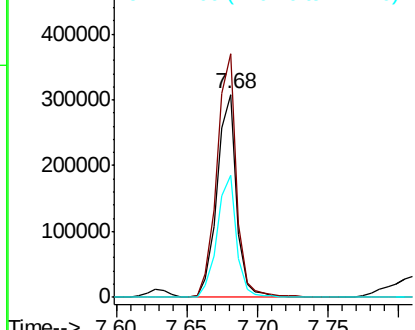


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.159 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

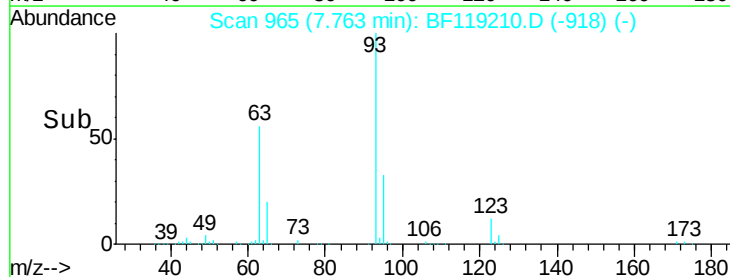
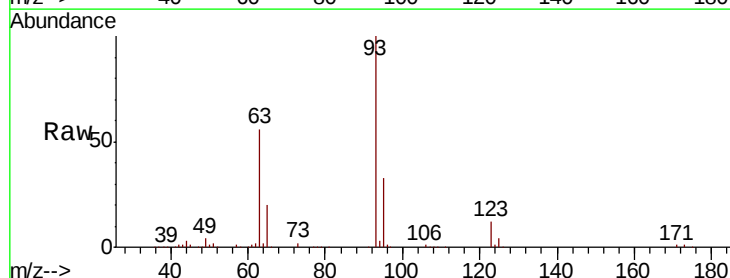
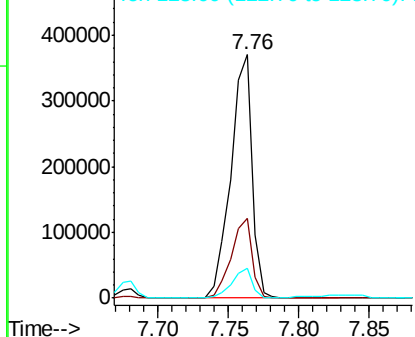
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	12.3	10.2	15.2

Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





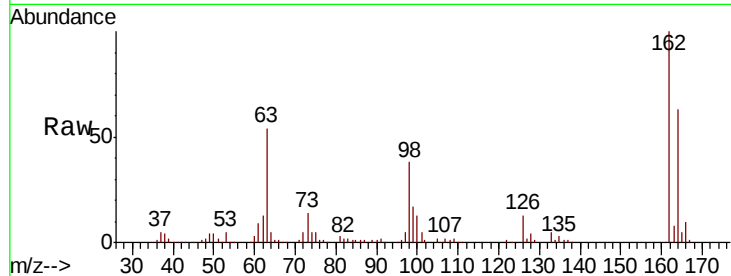
#29
2,4-Dichlorophenol
Concen: 45.499 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	303669		
164	63.1	45.2	85.2	
98	37.9	17.4	57.4	

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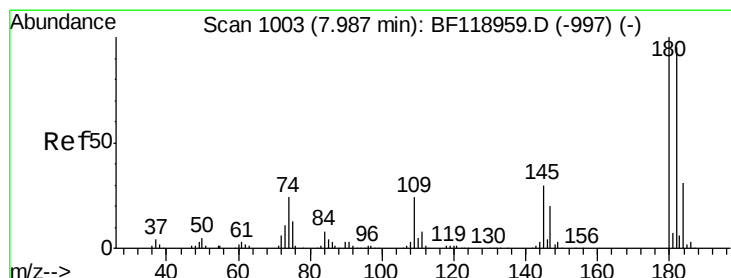
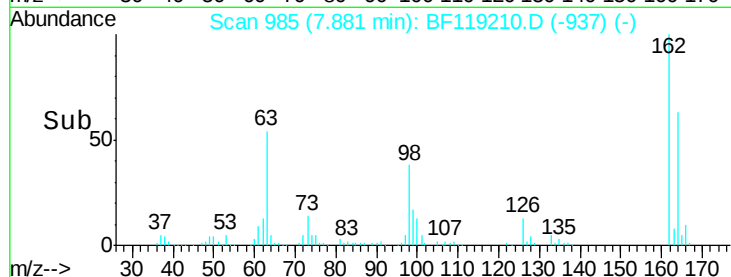
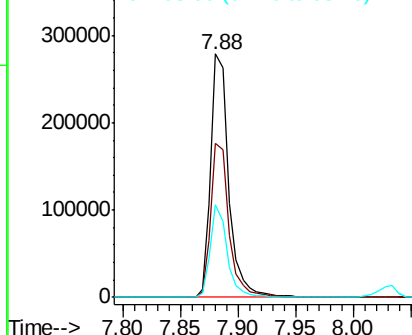


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.708 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

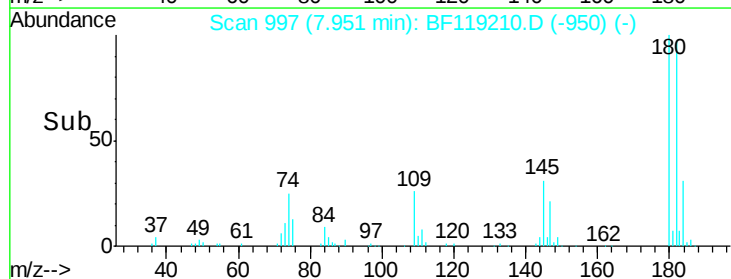
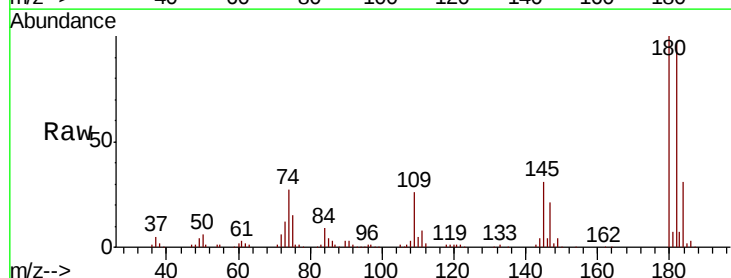
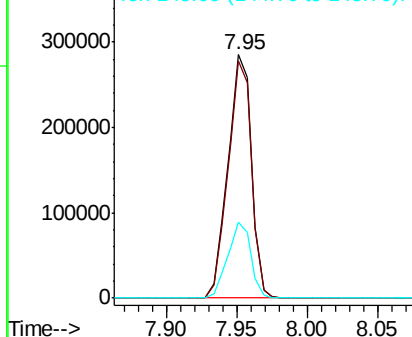
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	330045		
182	97.2	77.8	116.6	
145	31.3	25.2	37.8	

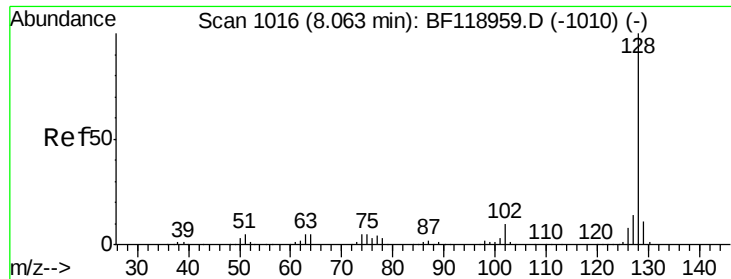
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





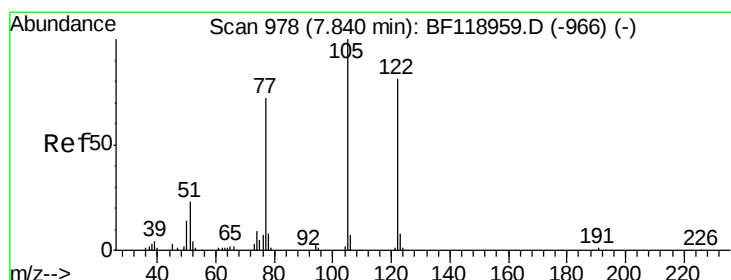
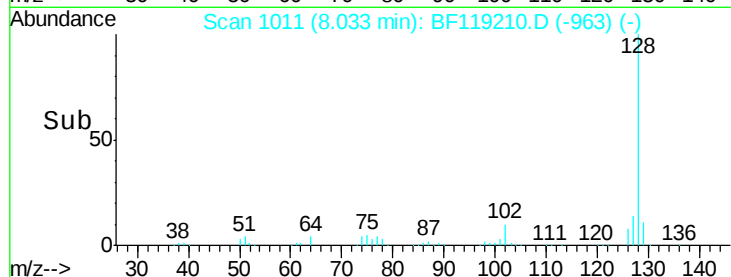
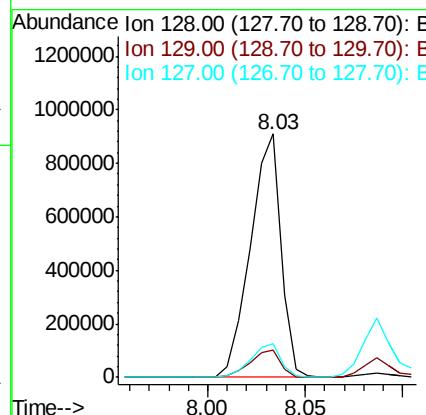
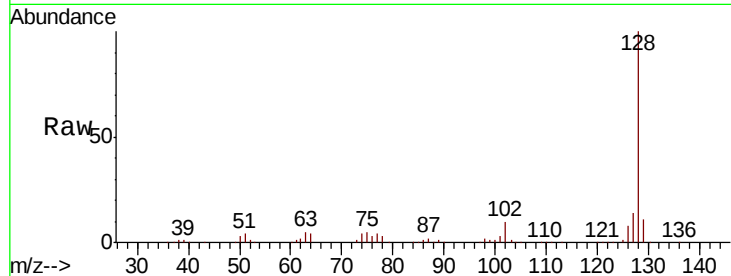
#31
Naphthalene
Concen: 45.193 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.8	11.4	17.2

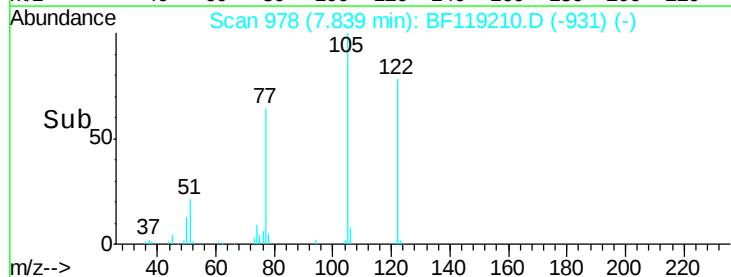
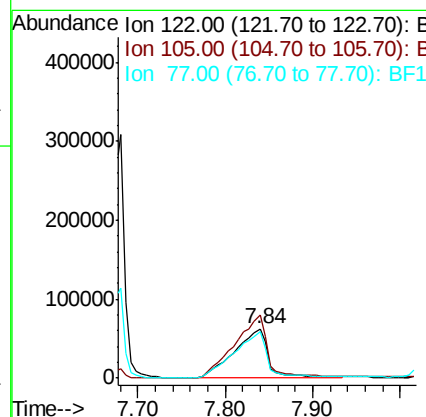
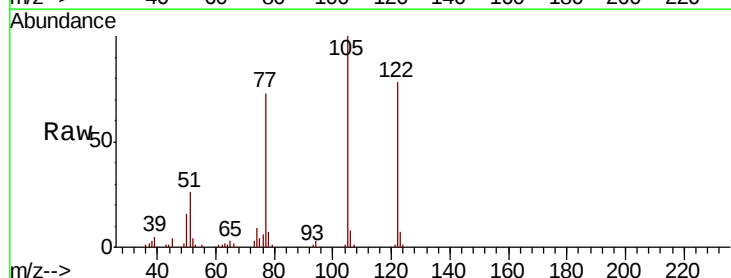
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#32
Benzoic acid
Concen: 41.561 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	106.3	146.3
77	93.4	73.1	113.1





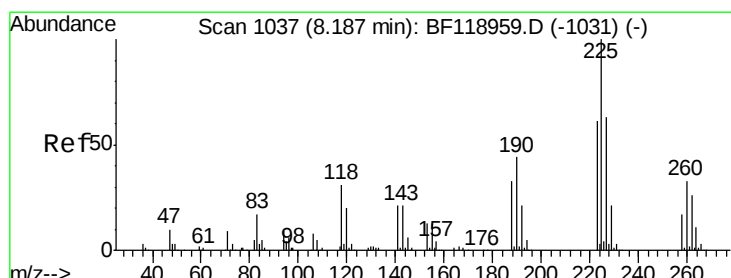
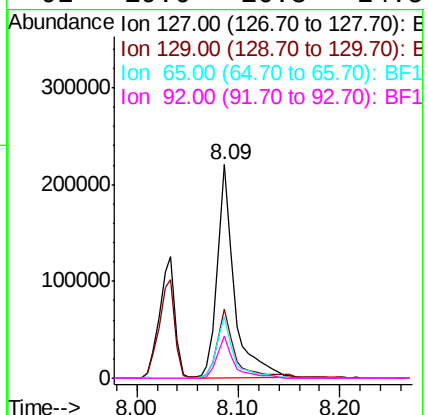
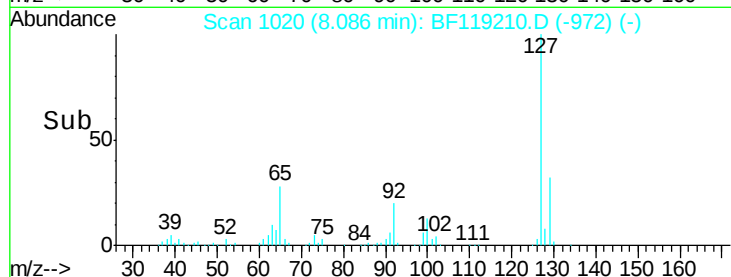
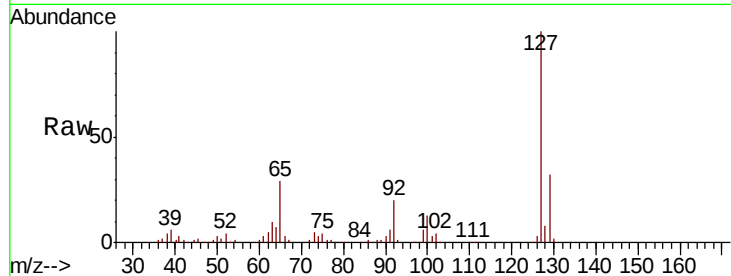
#33
4-Chloroaniline
Concen: 27.774 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		260788		
129	32.3	25.9	38.9		
65	29.0	23.9	35.9		
92	19.6	16.3	24.5		

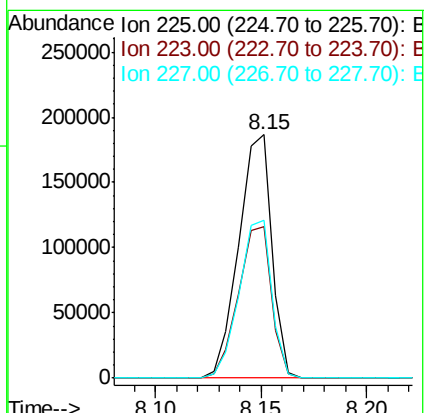
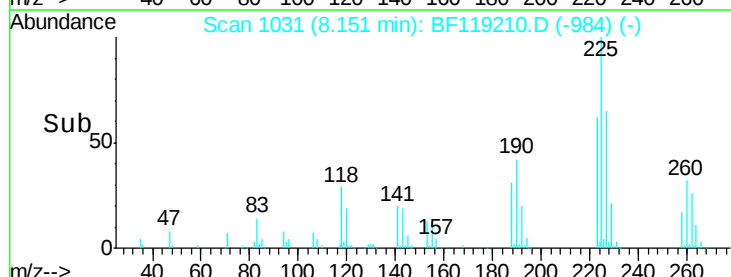
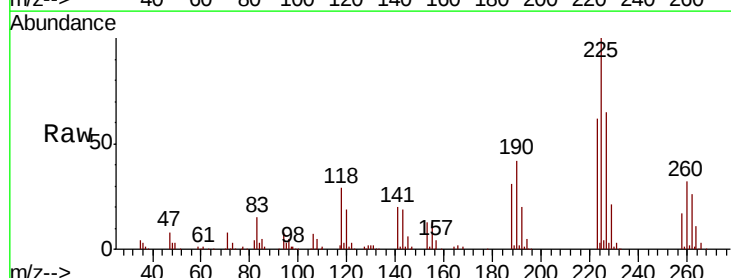
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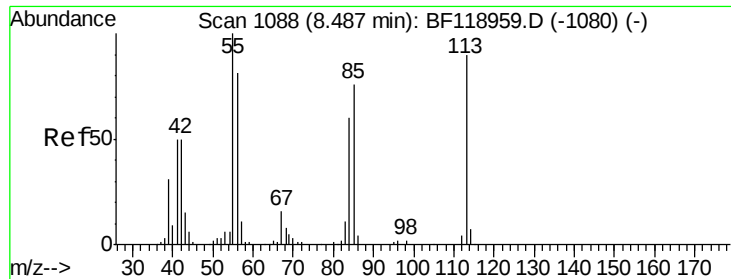
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#34
Hexachlorobutadiene
Concen: 41.070 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		202439		
223	62.0	49.4	74.2		
227	64.7	52.9	79.3		





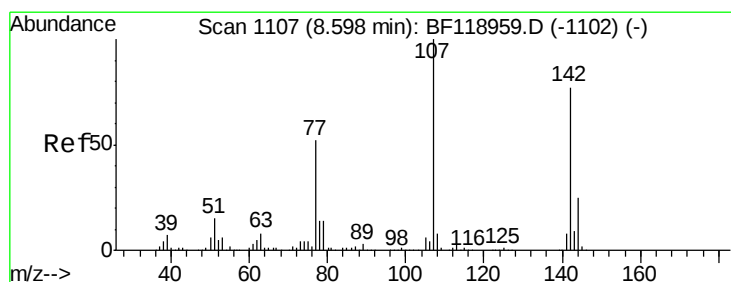
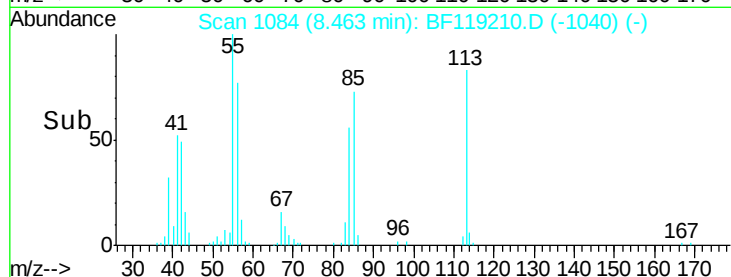
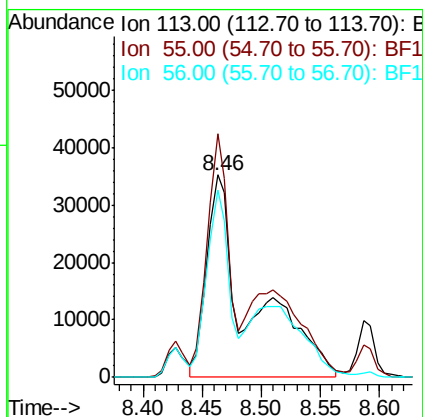
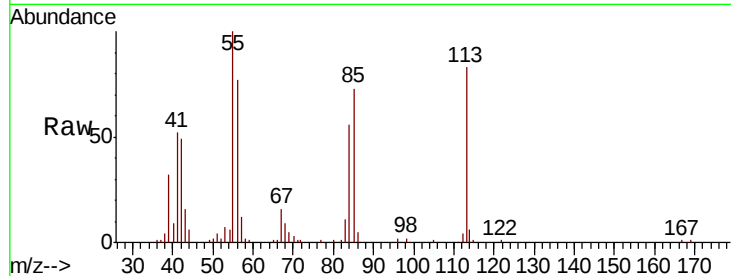
#35
 Caprolactam
 Concen: 43.241 ng/ml
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.04 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BS

Tot Ion: 113 Resp: 88865
 Ion Ratio Lower Upper
 113 100
 55 120.3 95.7 135.7
 56 92.7 73.1 113.1

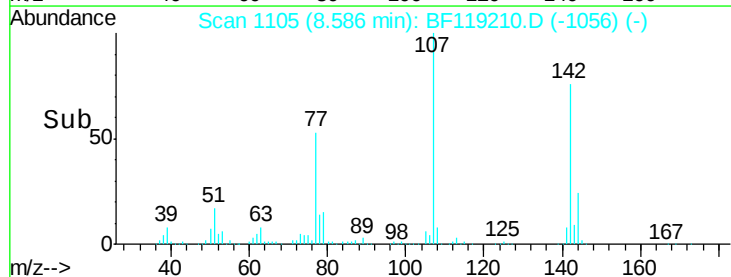
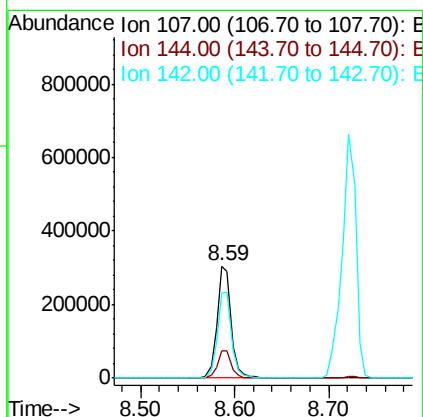
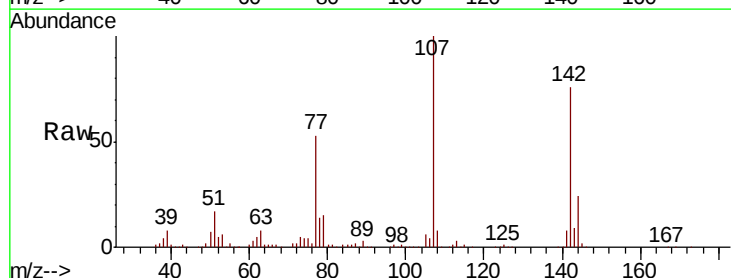
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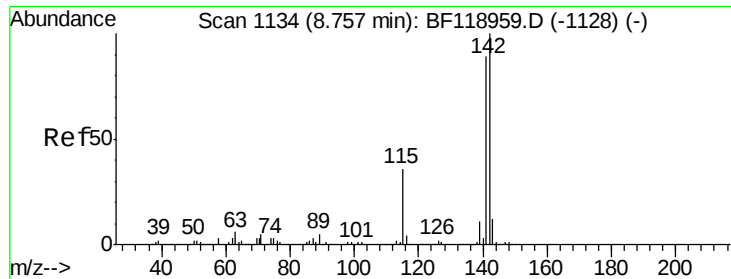
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#36
 4-Chloro-3-methylphenol
 Concen: 47.721 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion: 107 Resp: 322336
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.1 30.1
 142 76.1 61.4 92.2





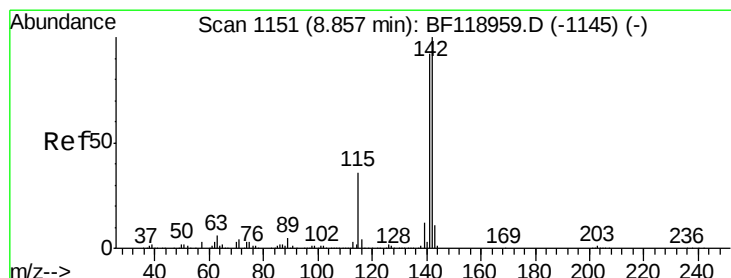
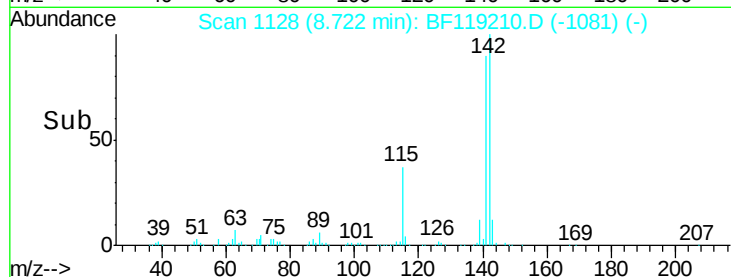
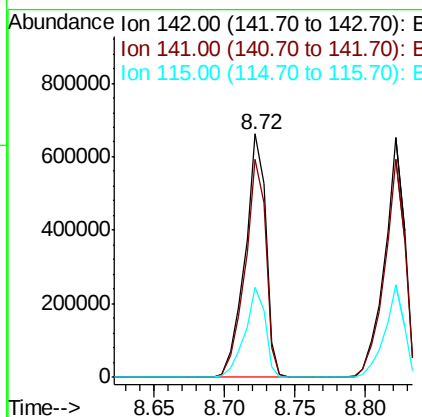
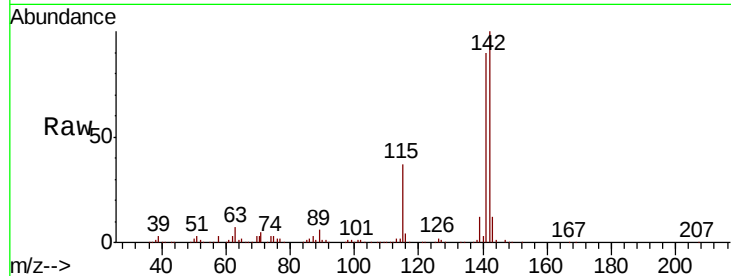
#37
2-Methylnaphthalene
Concen: 46.762 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	36.9	30.6	45.8

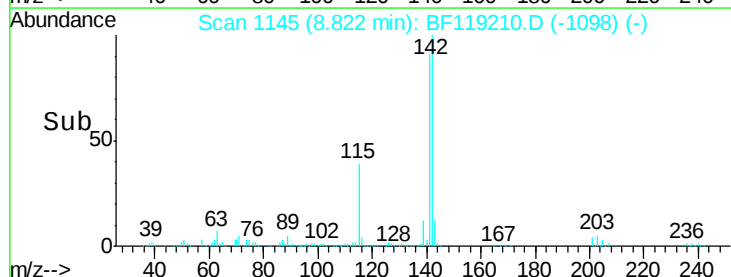
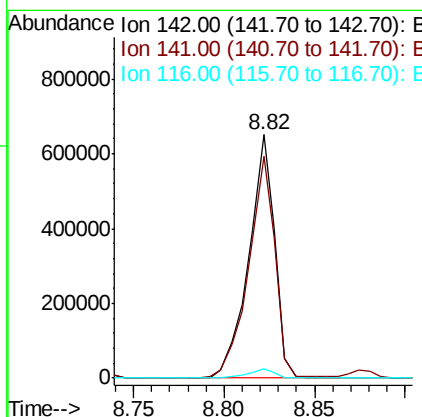
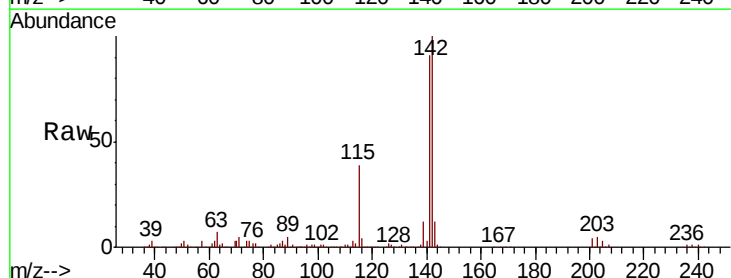
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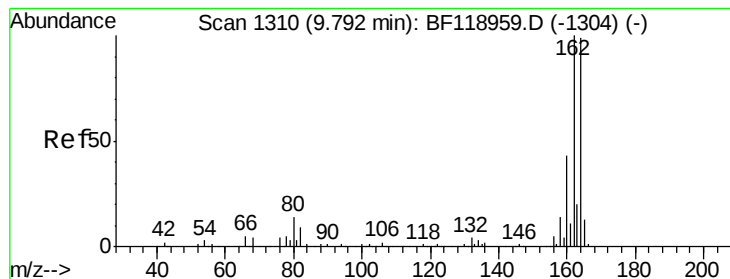
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#38
1-Methylnaphthalene
Concen: 46.515 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	75.8	113.6
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

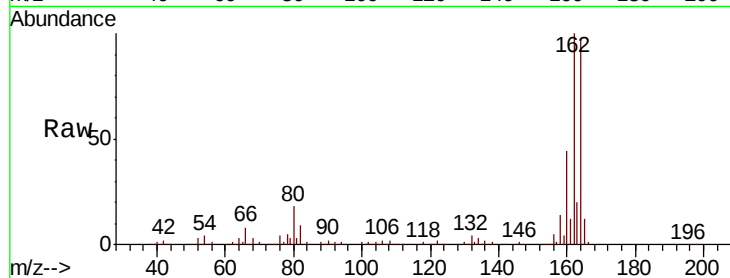
ClientSampleId :

PB127191BS

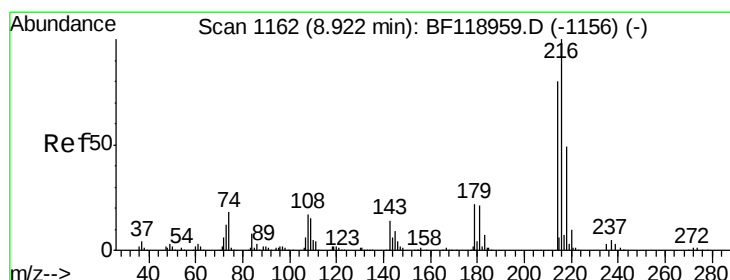
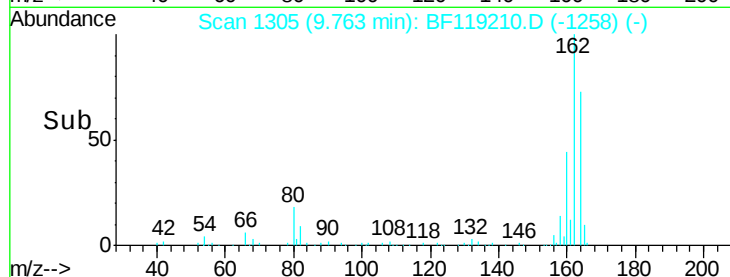
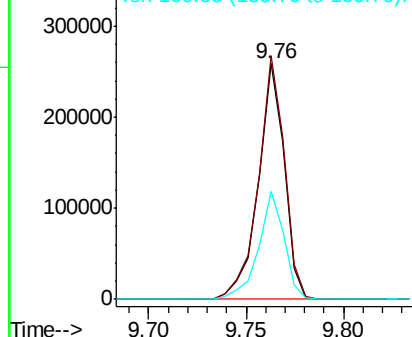
Tot Ion:	164	Resp:	239532
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.8	122.8
160	45.6	36.0	54.0

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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: 42.284 ng

RT: 8.89 min Scan# 1157

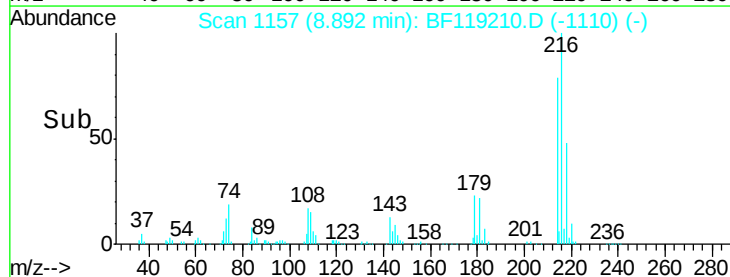
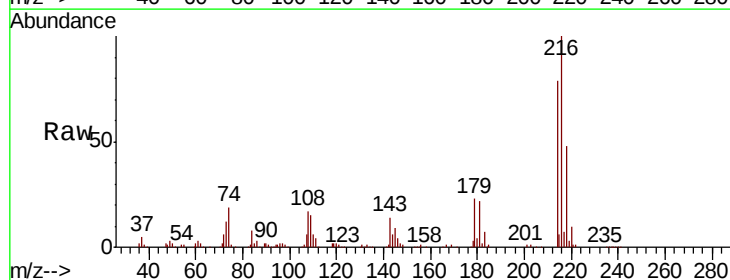
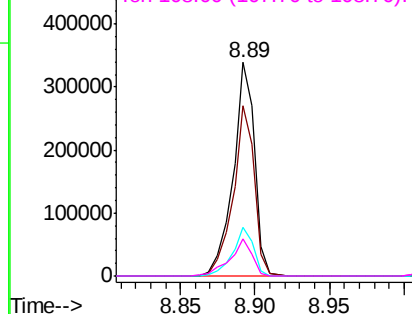
Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:	216	Resp:	341485
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.3	94.9
179	21.9	17.7	26.5
108	18.3	13.9	20.9

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





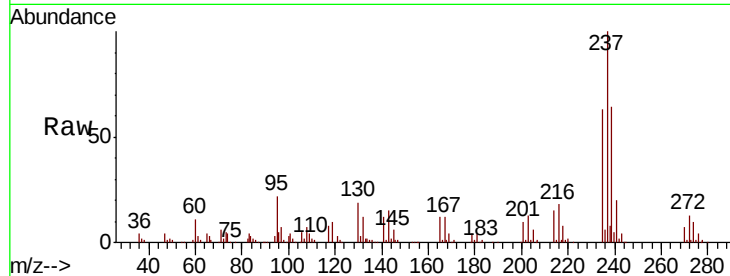
#41
Hexachlorocyclopentadiene
Concen: 61.865 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

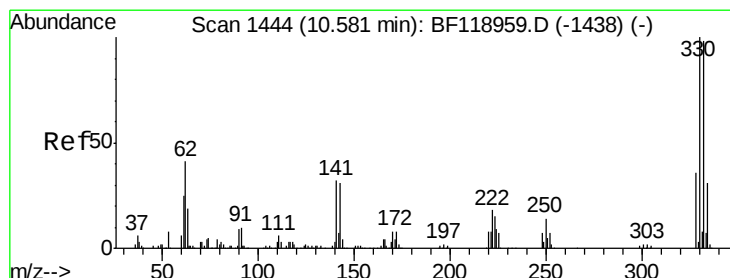
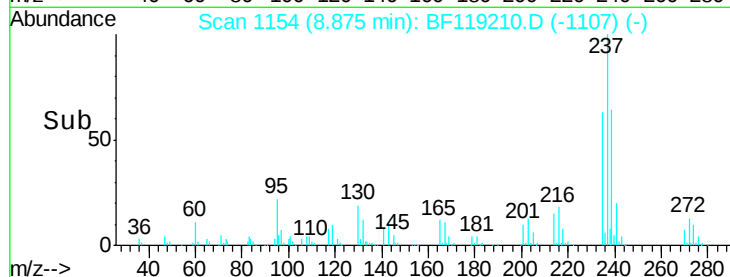
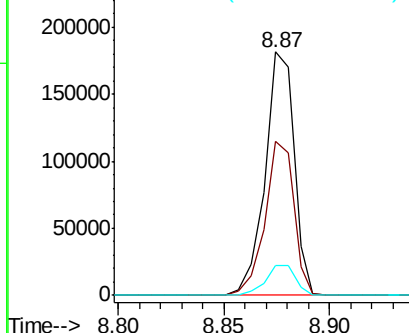
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	42.3	82.3	
272	12.5	0.0	33.5	

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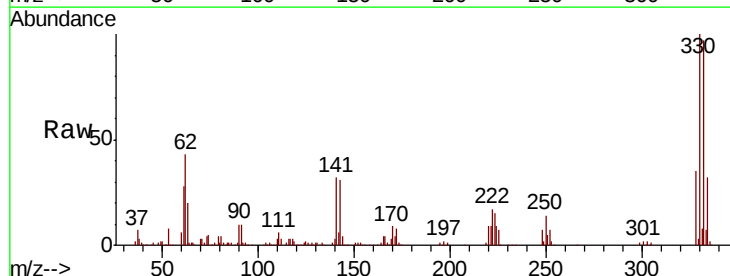


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

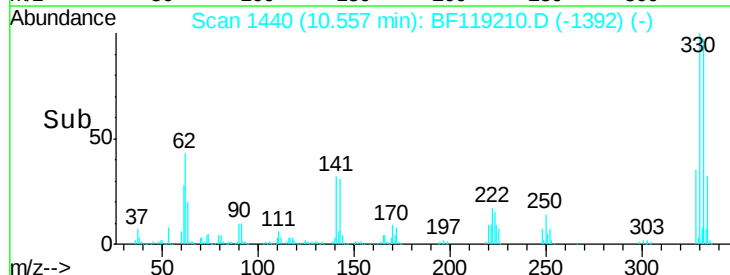
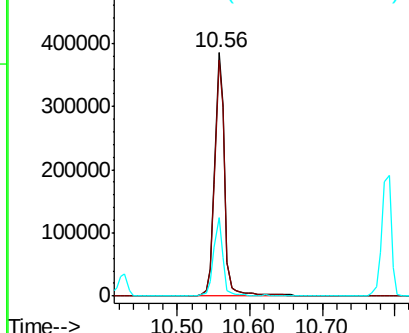


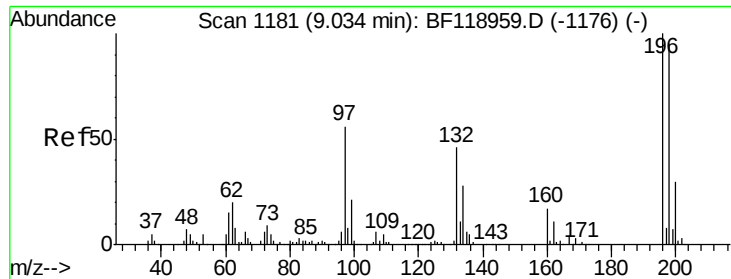
#42
2,4,6-Tribromophenol
Concen: 119.445 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.0	114.0	
141	29.7	22.9	34.3	



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





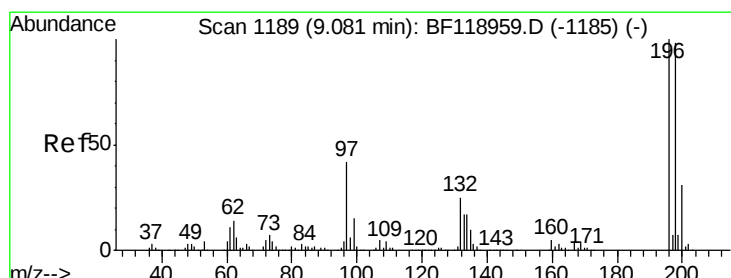
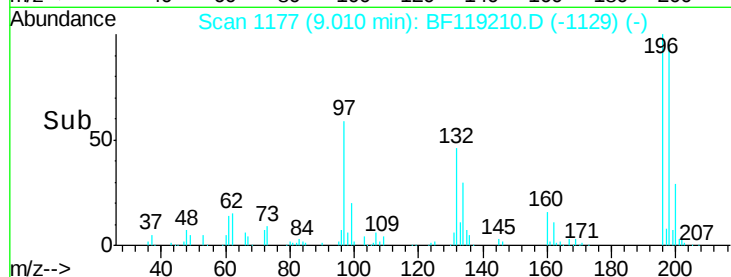
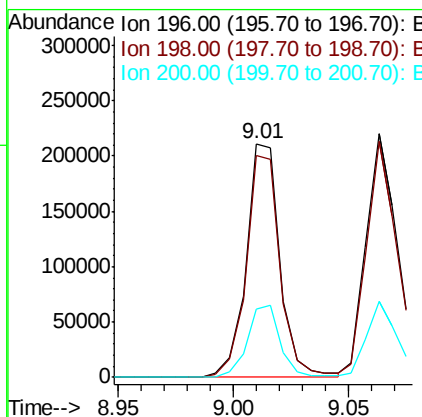
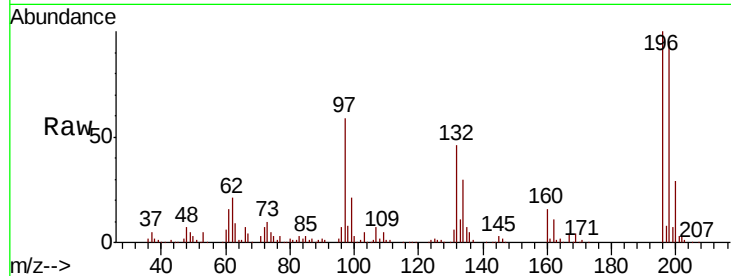
#43
2,4,6-Trichlorophenol
Concen: 42.300 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	215726		
198	95.1	77.1	115.7	
200	29.4	25.0	37.6	

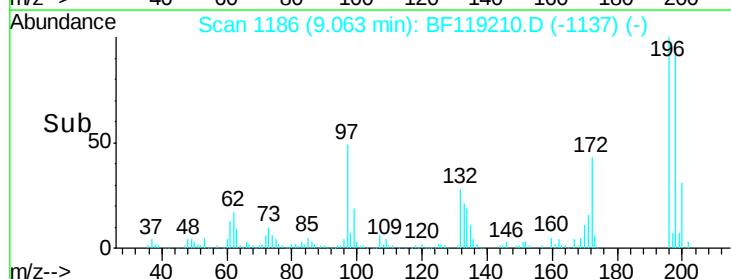
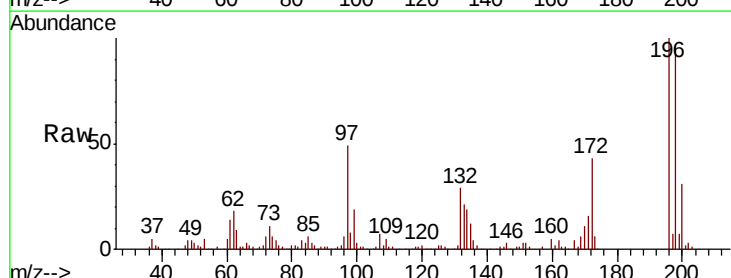
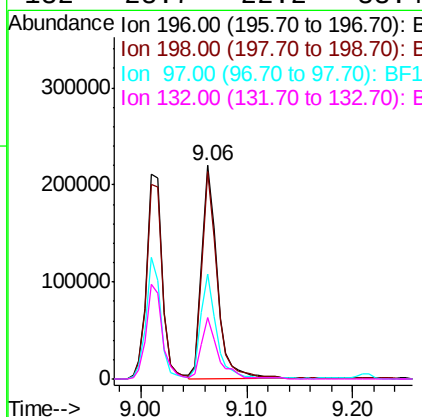
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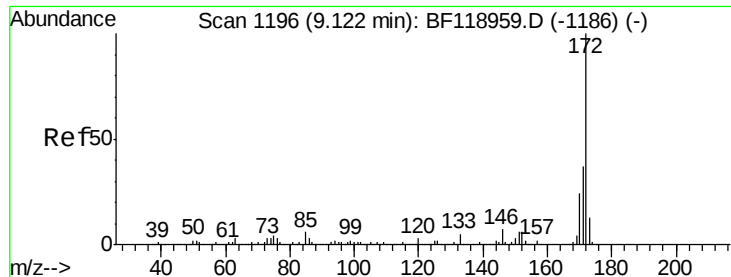
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#44
2,4,5-Trichlorophenol
Concen: 42.187 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	225771		
198	97.1	76.8	115.2	
97	49.1	38.5	57.7	
132	28.7	22.2	33.4	





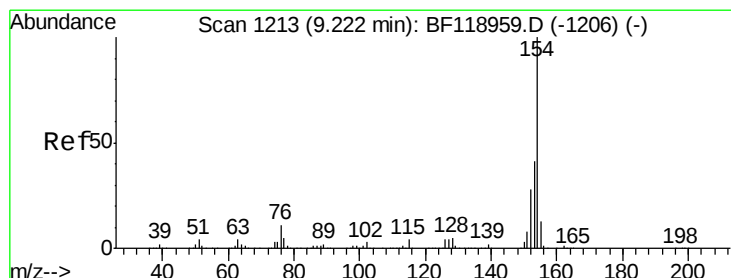
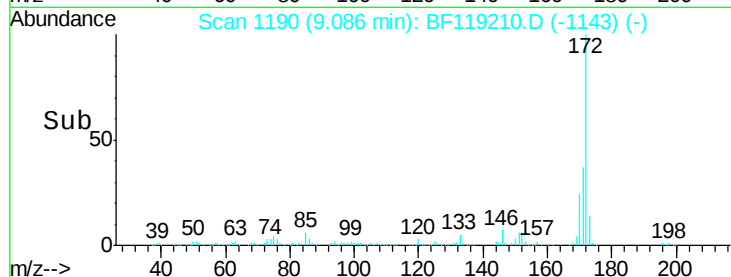
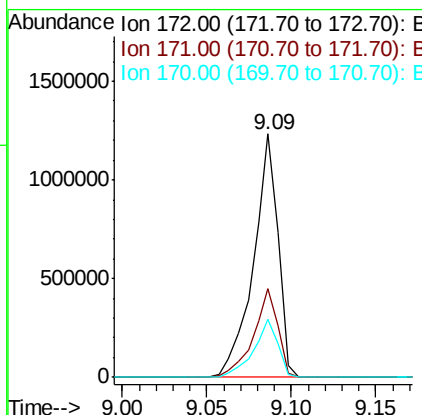
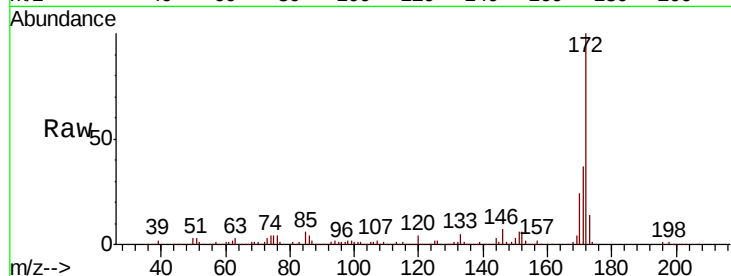
#45
2-Fluorobiphenyl
Concen: 77.020 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.6	45.8
170	24.1	20.2	30.2

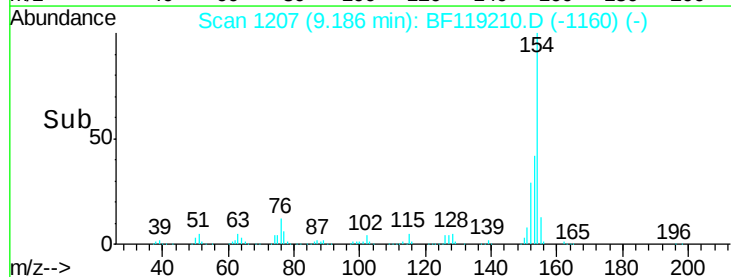
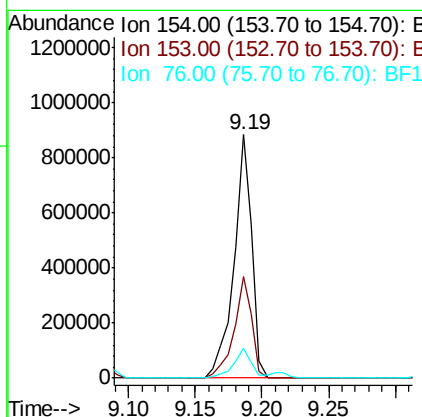
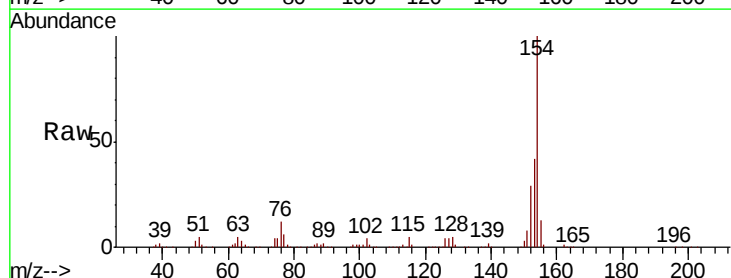
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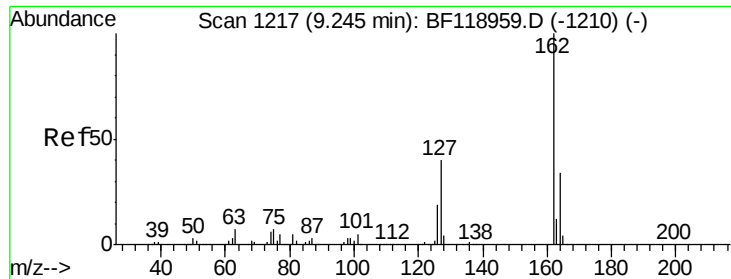
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#46
1,1'-Biphenyl
Concen: 42.954 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.8	62.8
76	12.1	0.0	32.2





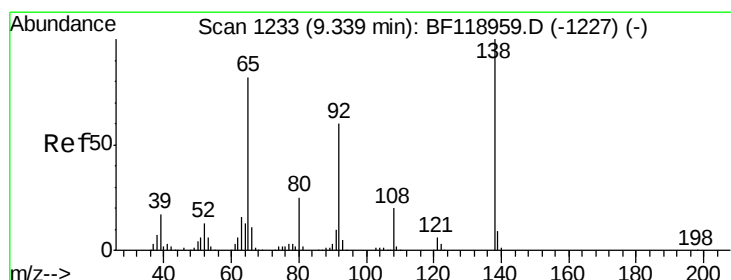
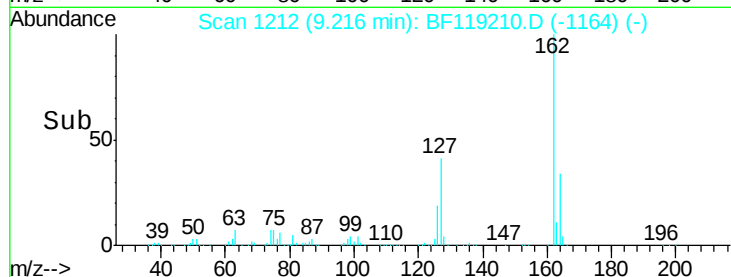
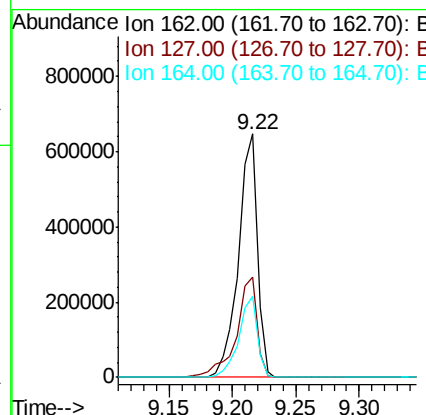
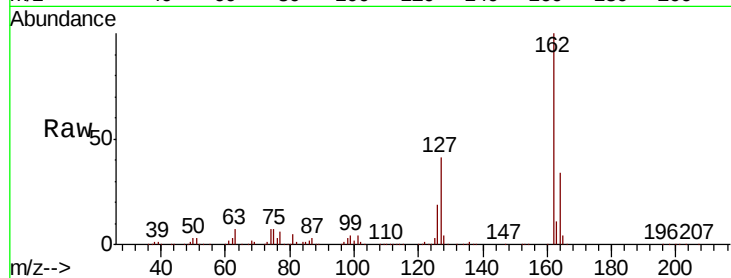
#47
2-Chloronaphthalene
Concen: 42.539 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	35.0	52.4
164	33.5	27.2	40.8

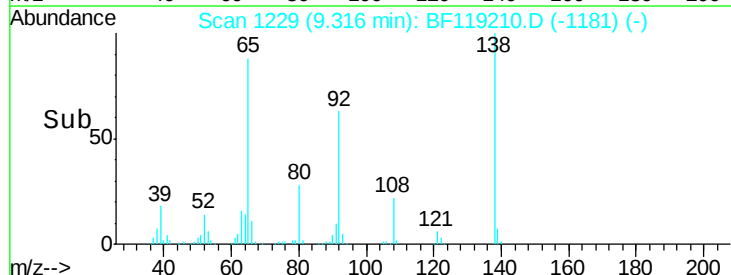
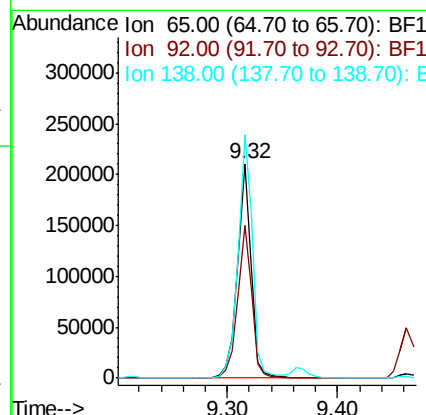
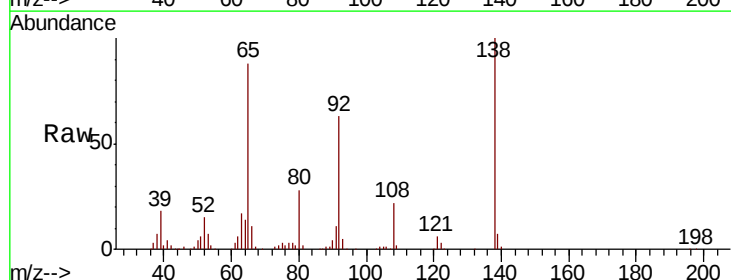
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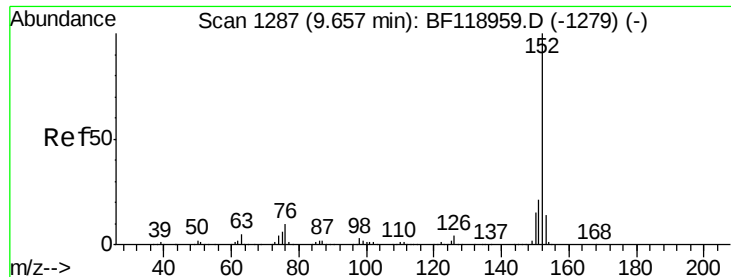
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#48
2-Nitroaniline
Concen: 42.875 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.3	58.2	87.2
138	113.5	95.6	143.4





#49

Acenaphthylene

Concen: 45.288 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

PB127191BS

Tot Ion:152 Resp: 1020418

Ion Ratio Lower Upper

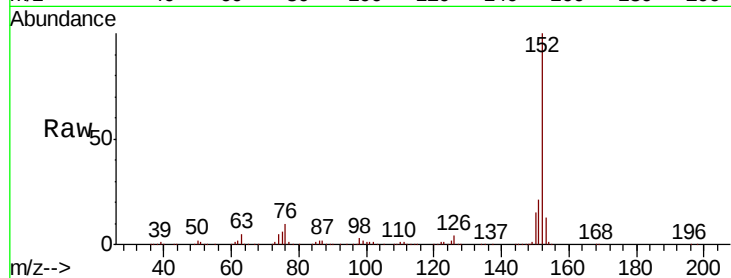
152 100

151 20.7 16.9 25.3

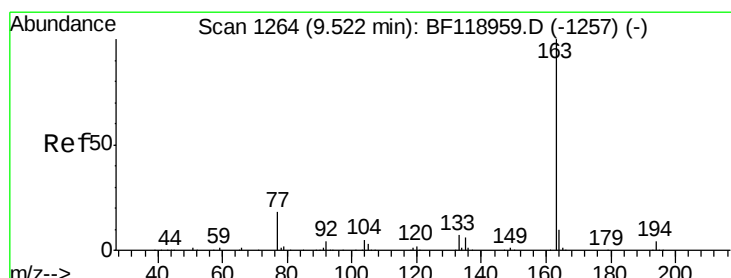
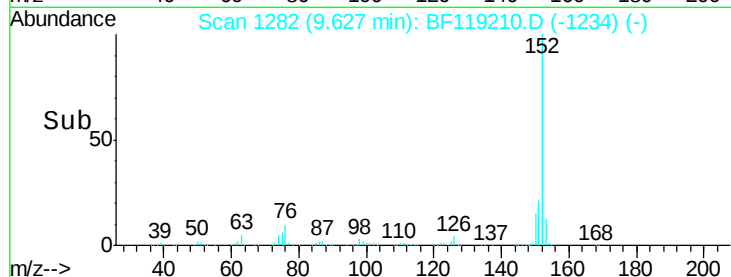
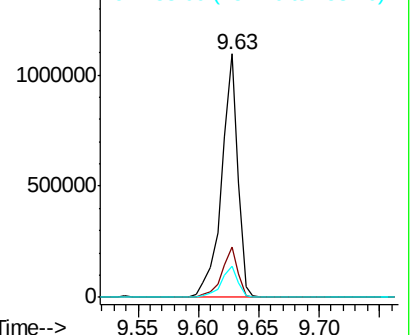
153 13.0 11.0 16.6

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Abundance Ion 152.00 (151.70 to 152.70): E
1500000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.119 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

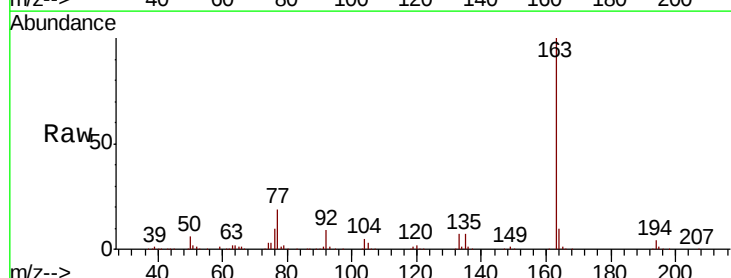
Tgt Ion:163 Resp: 808101

Ion Ratio Lower Upper

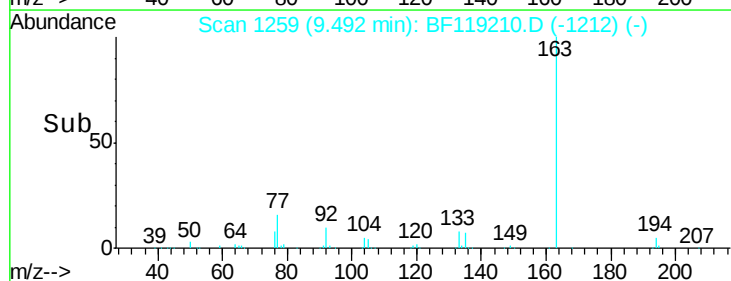
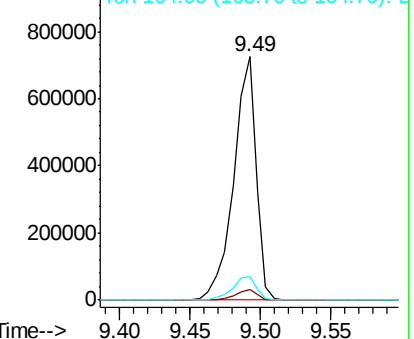
163 100

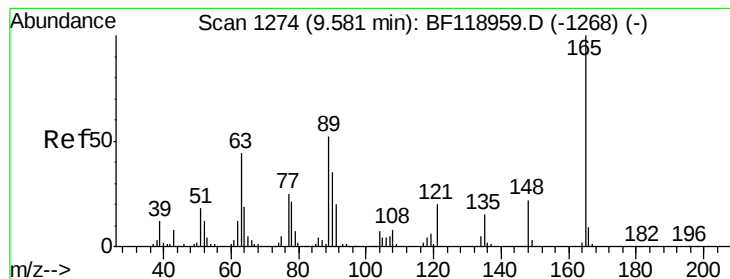
194 4.3 3.5 5.3

164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
1000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.227 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

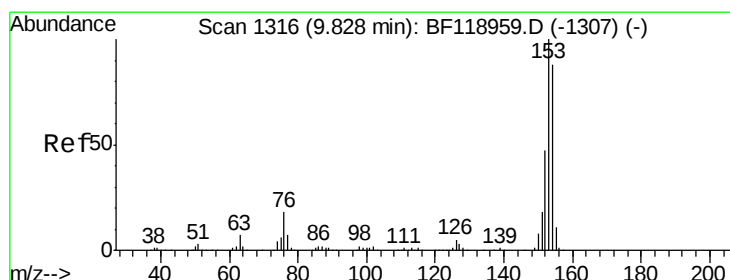
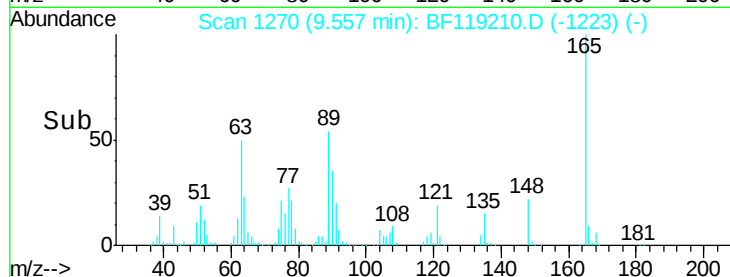
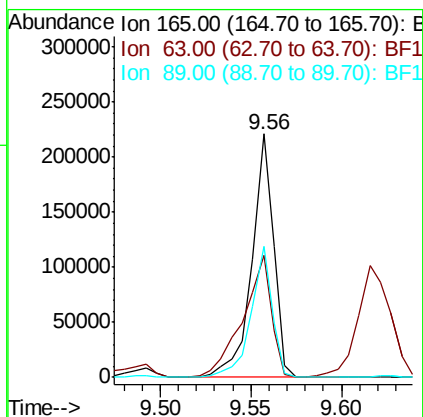
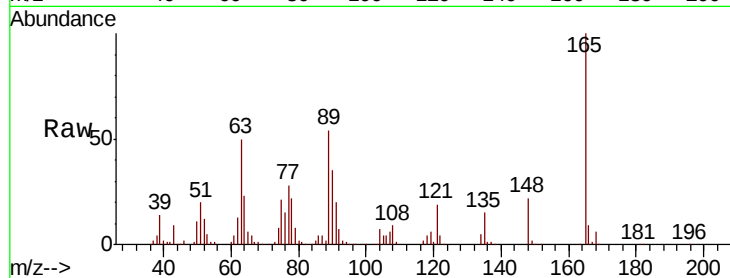
ClientSampleId :

PB127191BS

Tot Ion:	165	Resp:	184047
Ion Ratio	Lower	Upper	
165	100		
63	50.2	34.3	51.5
89	53.8	38.3	57.5

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#52

Acenaphthene

Concen: 44.302 ng

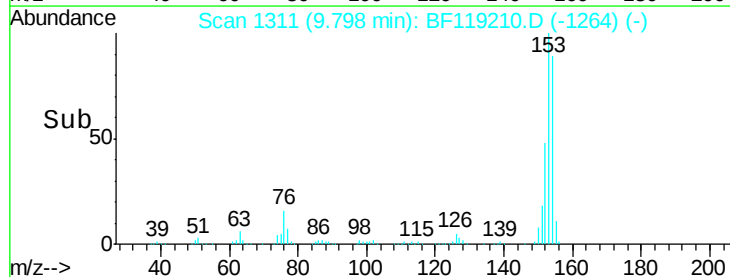
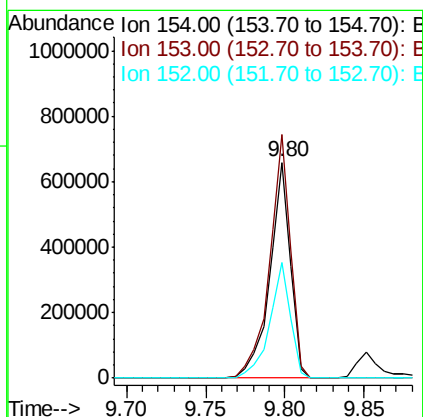
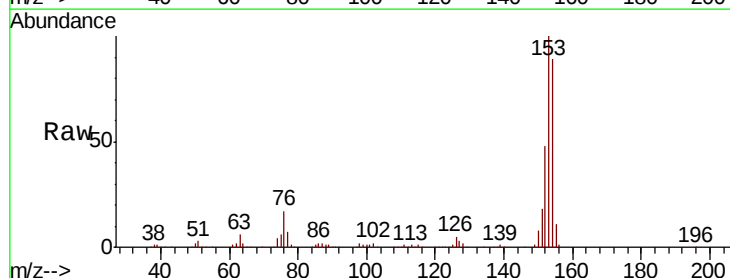
RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:	154	Resp:	601906
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.3	135.5
152	53.8	43.8	65.8





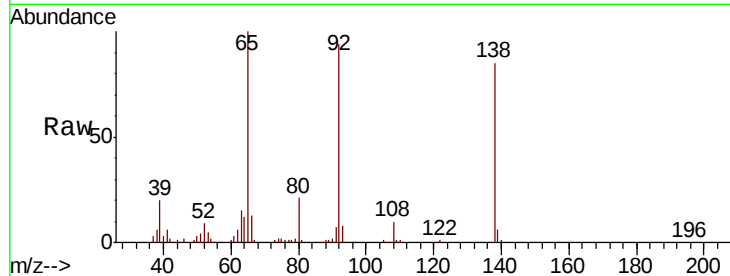
#53
3-Nitroaniline
Concen: 28.101 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	126775		
108	11.5		8.8	13.2
92	110.9		84.8	127.2

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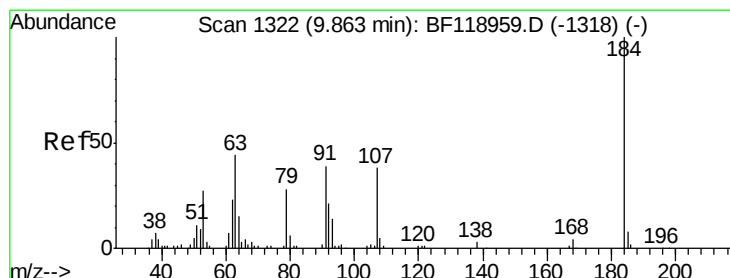
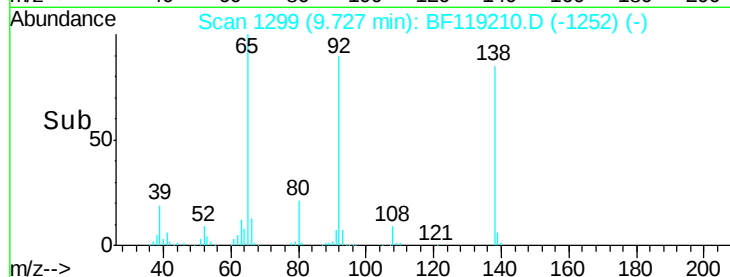
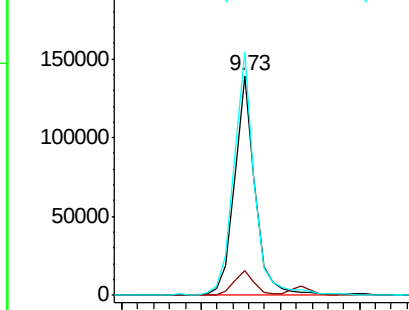


Abundance

Ion 138.00 (137.70 to 138.70): E

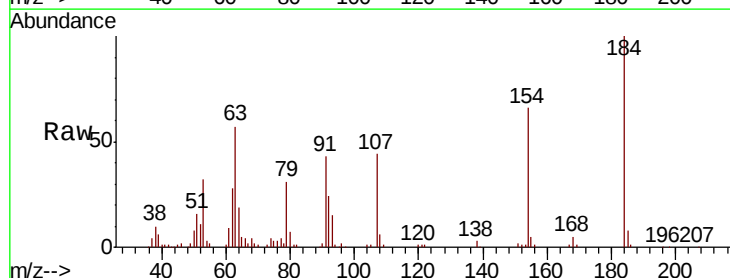
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 71.548 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	139786		
63	57.0		38.7	58.1
154	66.0		49.7	74.5

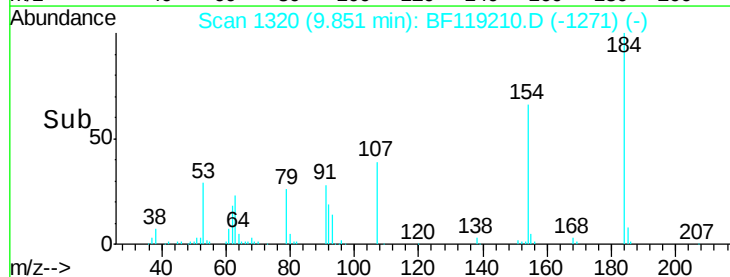
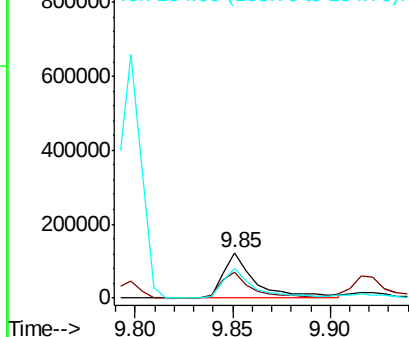


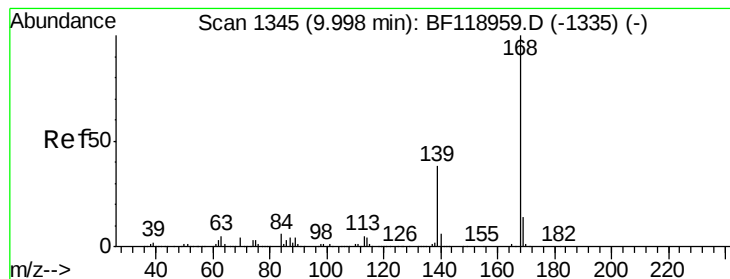
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 44.340 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

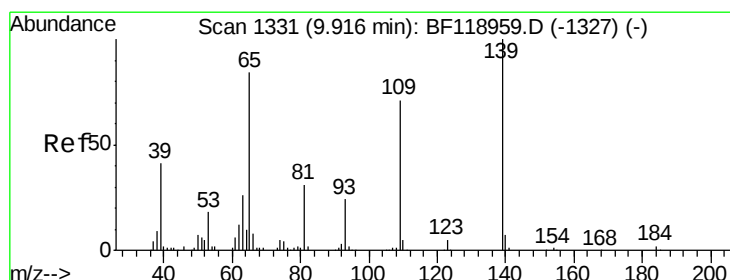
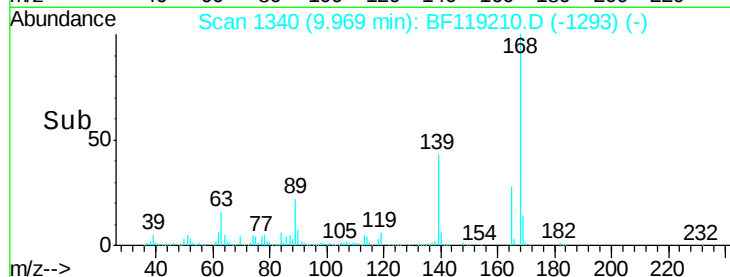
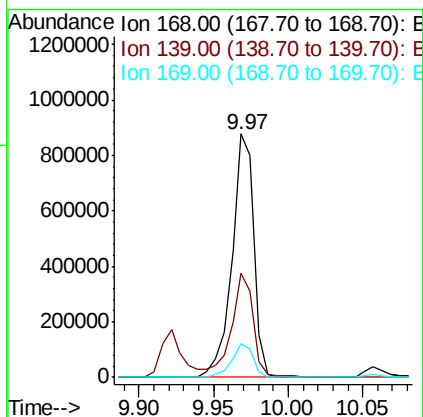
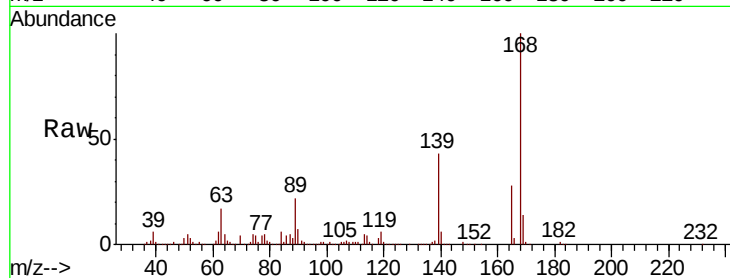
ClientSampleId :

PB127191BS

Tot Ion:	168	Resp:	899162
Ion Ratio	Lower	Upper	
168	100		
139	42.7	34.0	51.0
169	14.0	11.0	16.4

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#56

4-Nitrophenol

Concen: 65.332 ng

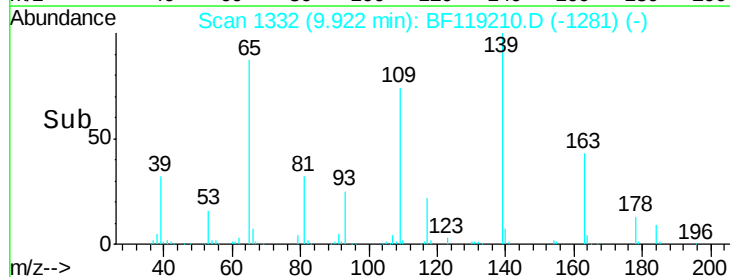
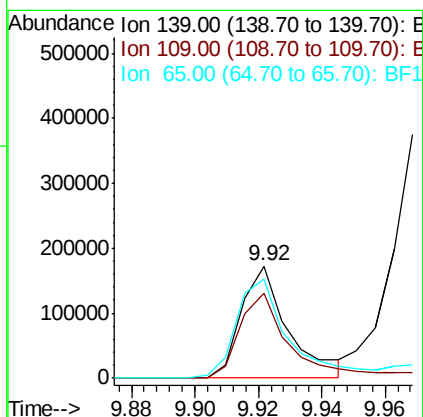
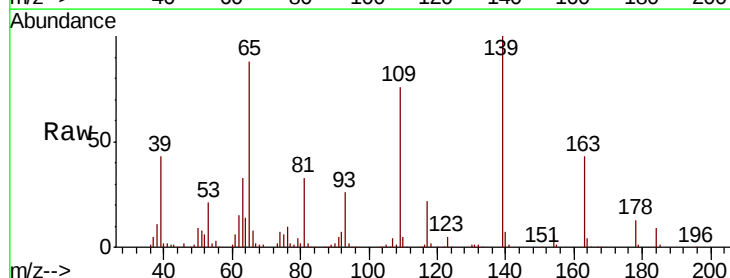
RT: 9.92 min Scan# 1332

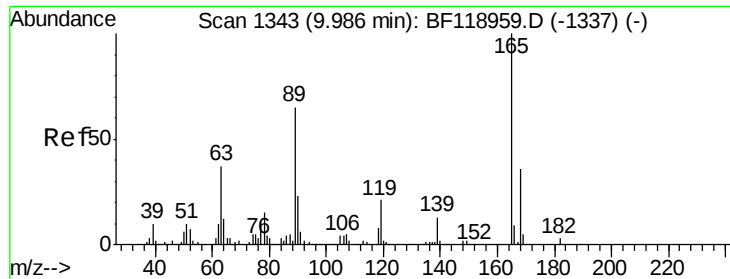
Delta R.T. -0.00 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:	139	Resp:	177087
Ion Ratio	Lower	Upper	
139	100		
109	75.6	56.7	96.7
65	88.3	65.0	105.0





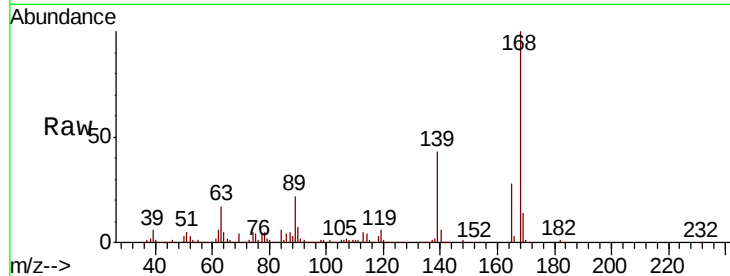
#57
2,4-Dinitrotoluene
Concen: 42.575 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

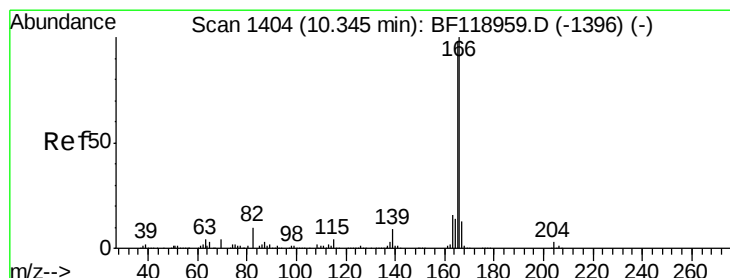
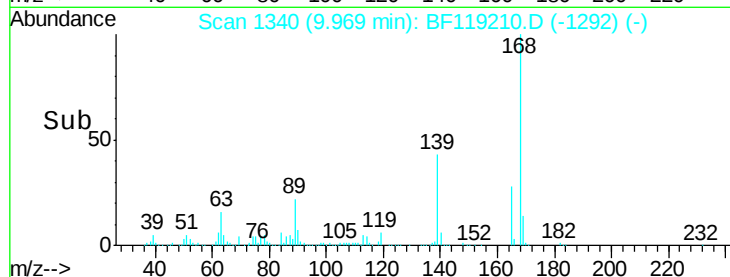
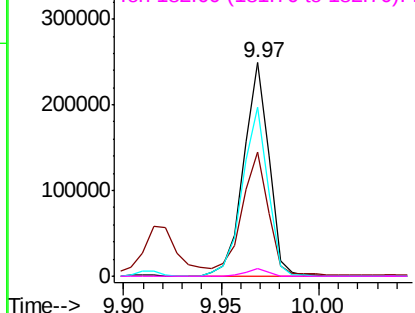
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		224572		
63	58.2	42.3	63.5		
89	79.1	60.2	90.4		
182	3.3	2.3	3.5		

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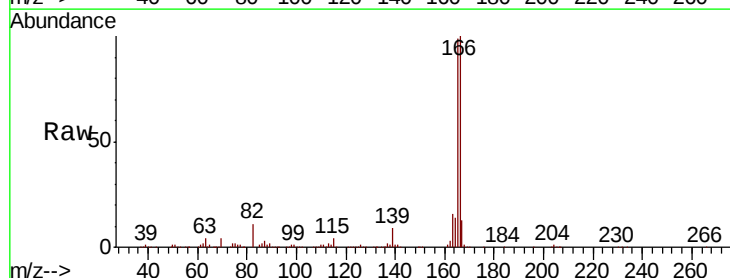


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

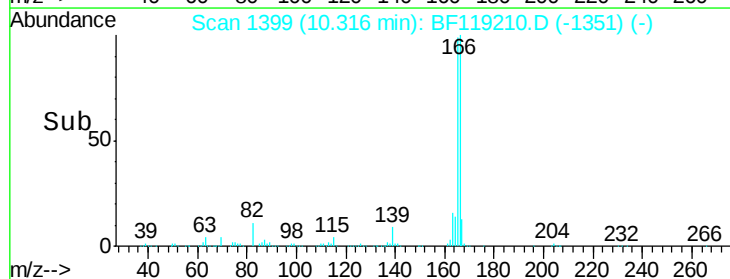
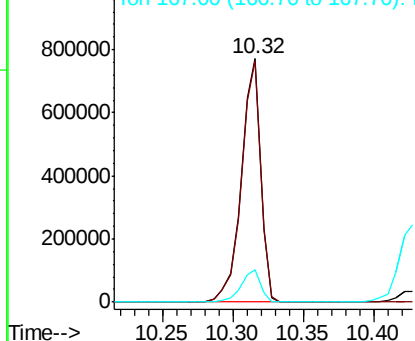


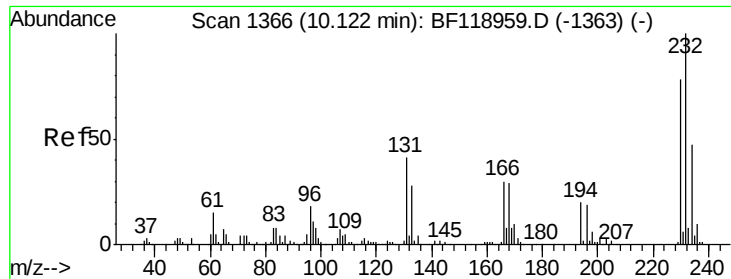
#58
Fluorene
Concen: 46.482 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		732449		
165	98.8	78.5	117.7		
167	13.3	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





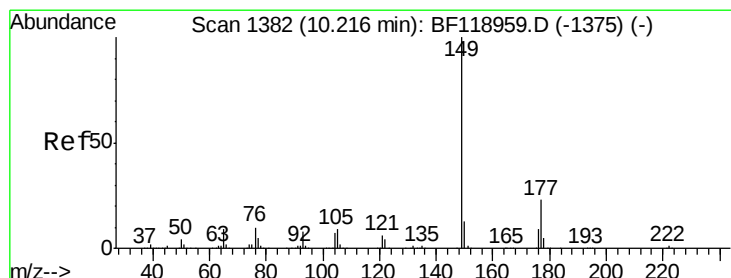
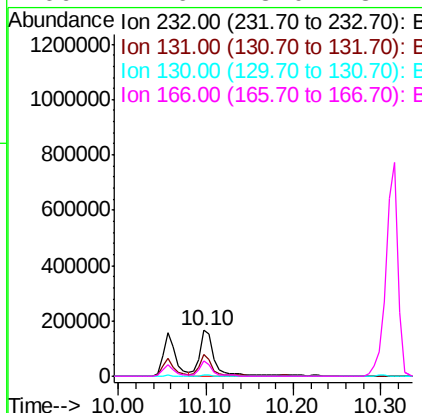
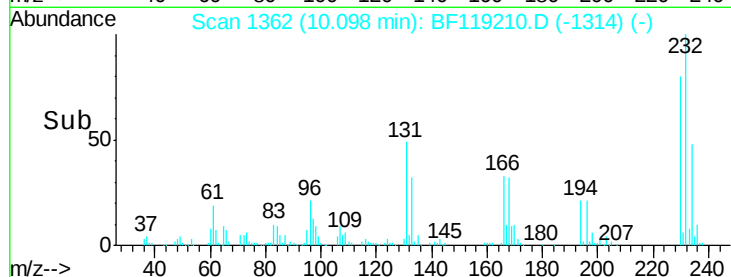
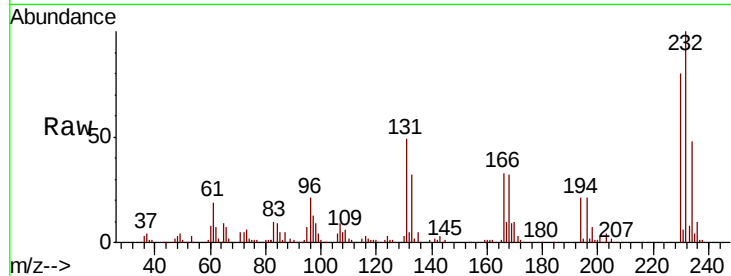
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.855 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		193523		
131	40.2	33.8	50.8		
130	2.4	1.8	2.6		
166	27.6	23.0	34.4		

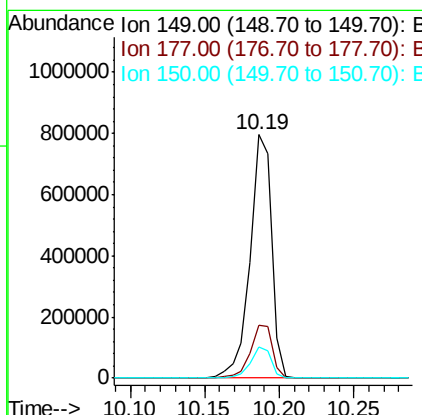
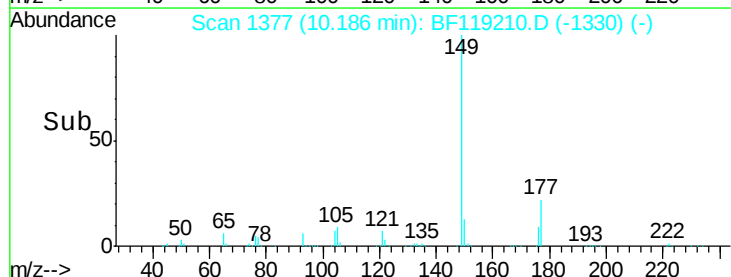
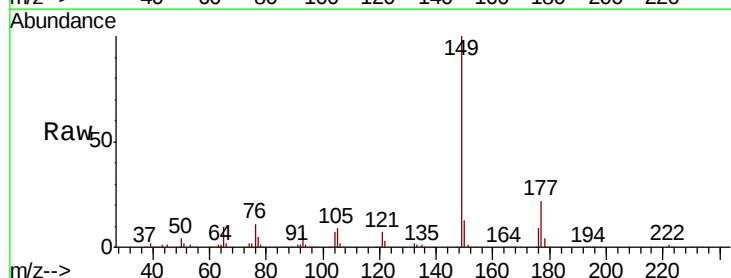
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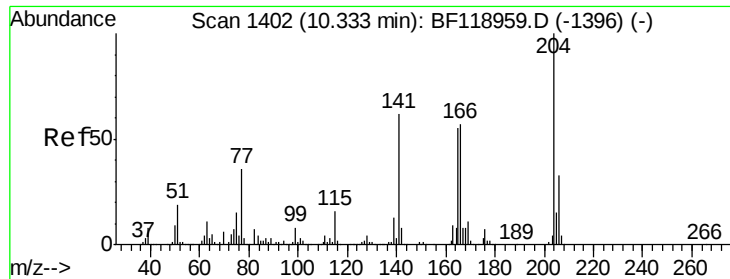
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#60
 Diethylphthalate
 Concen: 45.750 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		789690		
177	22.0	18.2	27.2		
150	12.7	10.5	15.7		





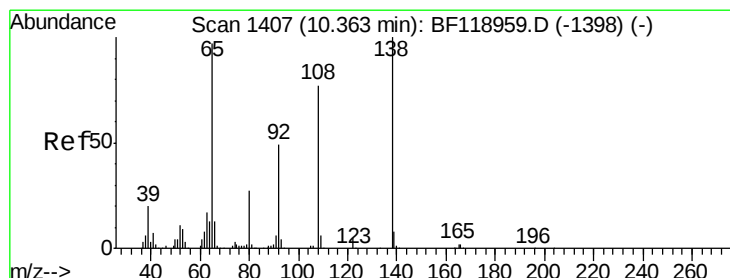
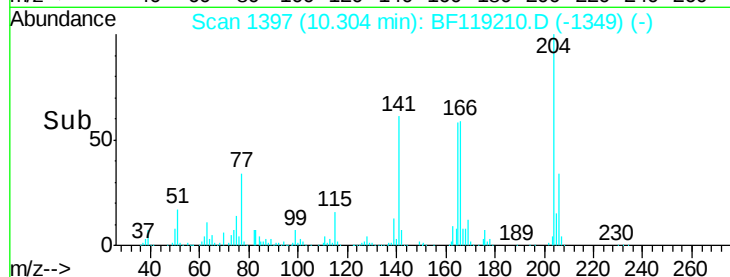
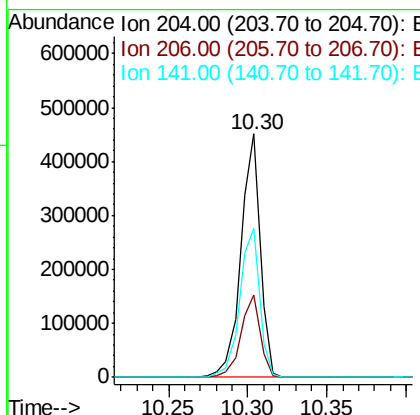
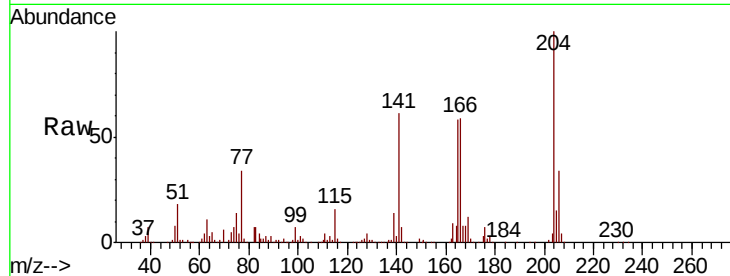
#61
4-Chlorophenyl-phenylether
Concen: 45.771 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.1	40.7
141	61.4	52.9	79.3

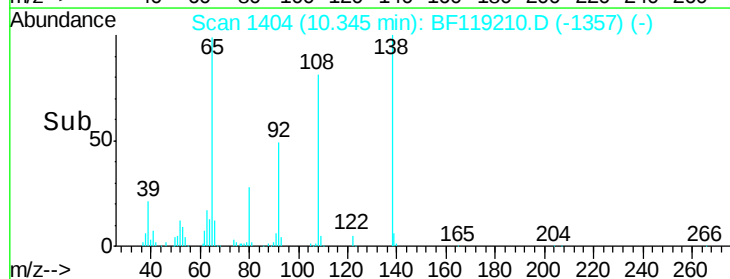
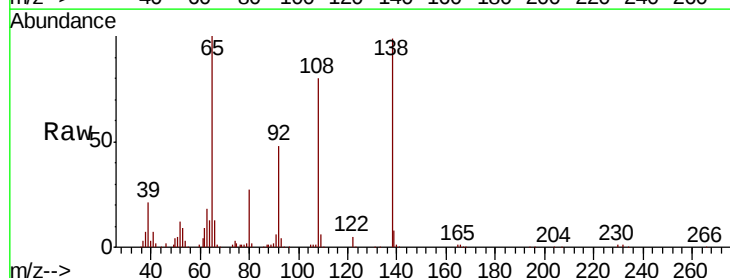
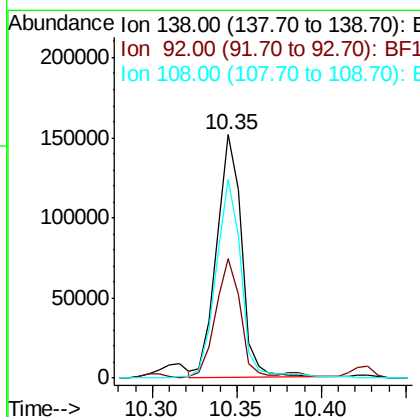
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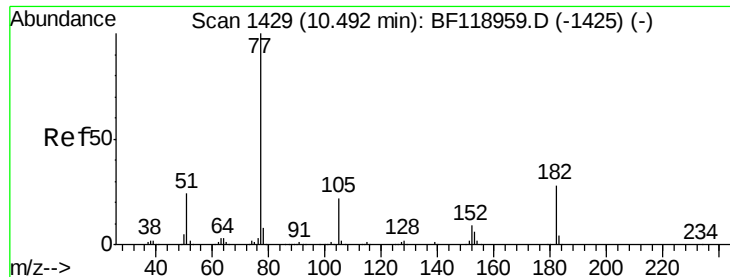
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#62
4-Nitroaniline
Concen: 33.850 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.3	67.3
108	81.7	57.0	97.0





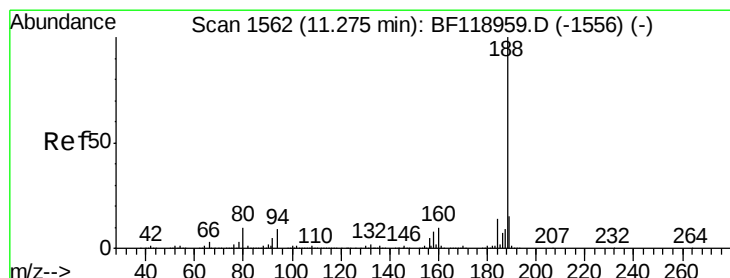
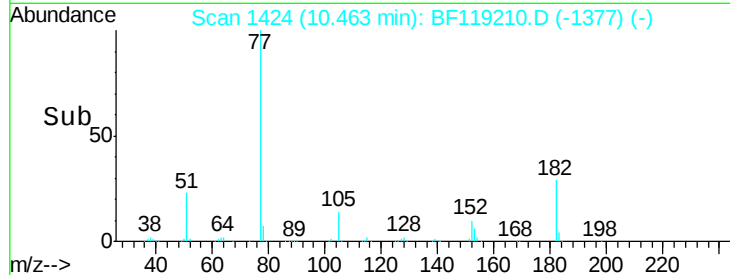
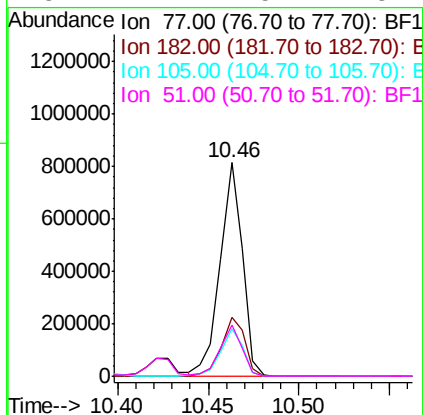
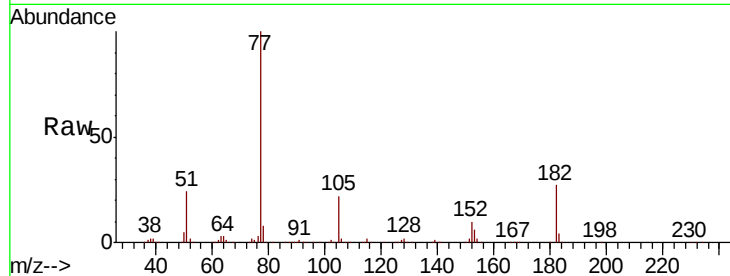
#63
Azobenzene
Concen: 46.484 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	11.4	51.4
105	22.2	3.4	43.4
51	24.2	5.1	45.1

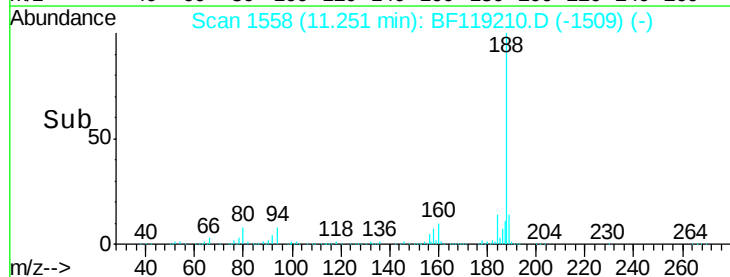
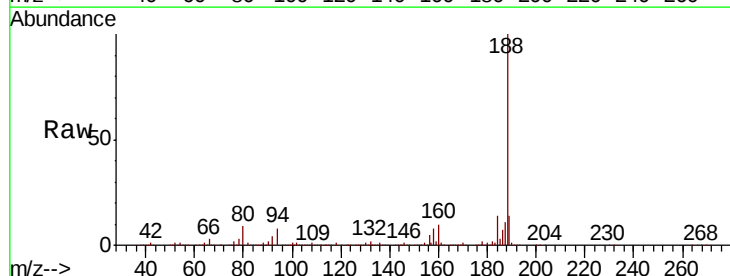
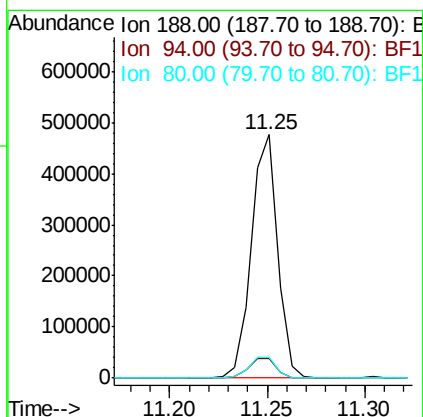
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.1	10.7
80	8.6	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 45.067 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

PB127191BS

Tot Ion:198 Resp: 121265

Ion Ratio Lower Upper

198 100

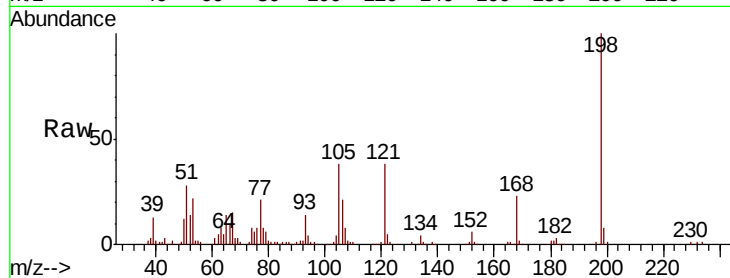
51 28.4 14.2 54.2

105 38.5 22.7 62.7

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

250000

200000

150000

100000

50000

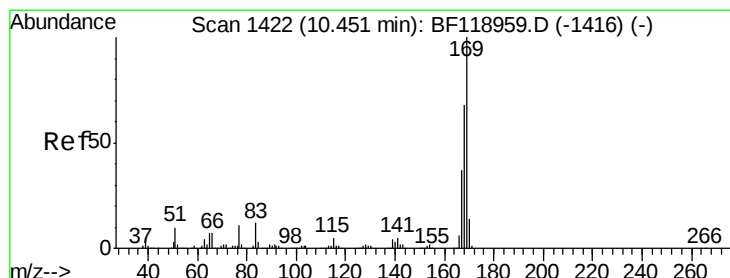
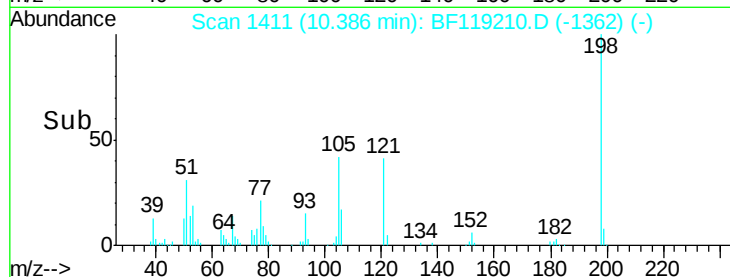
0

10.35

10.40

10.45

Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.067 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

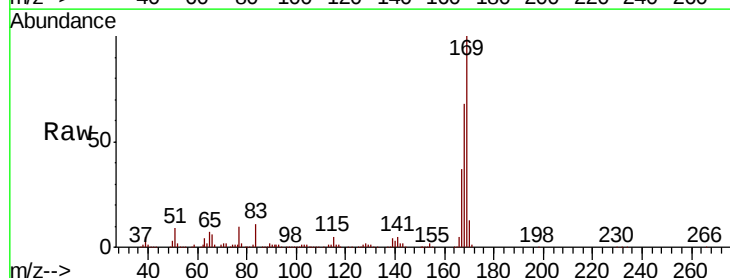
Tgt Ion:169 Resp: 656188

Ion Ratio Lower Upper

169 100

168 68.1 54.1 81.1

167 36.8 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

400000

200000

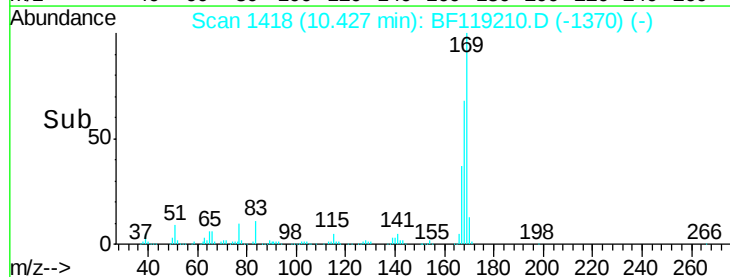
0

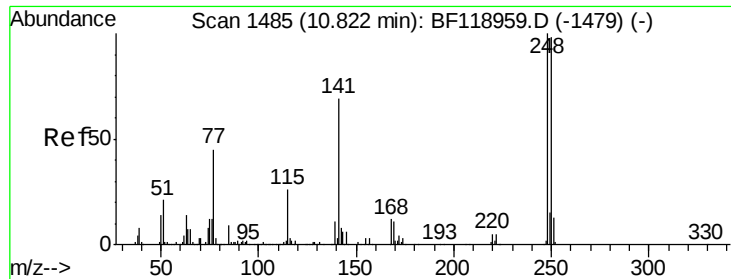
10.30

10.40

10.50

Time-->





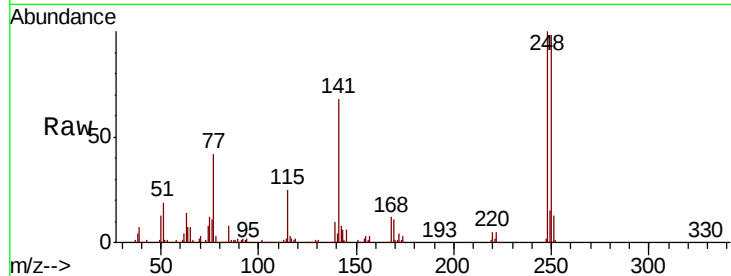
#67
4-Bromophenyl-phenylether
Concen: 42.745 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

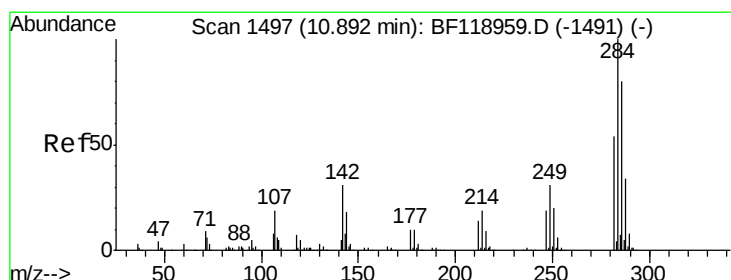
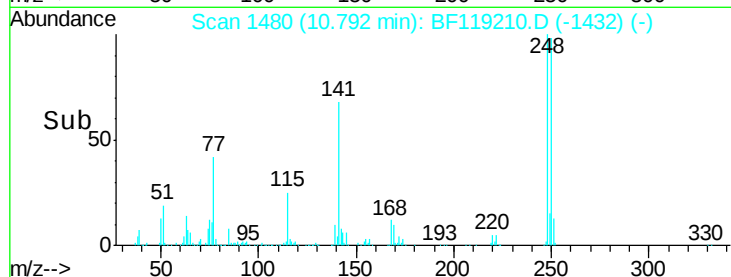
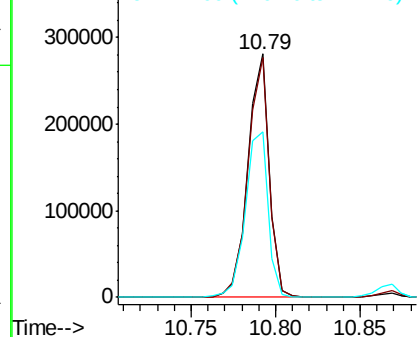
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.7	115.1
141	68.0	60.7	91.1

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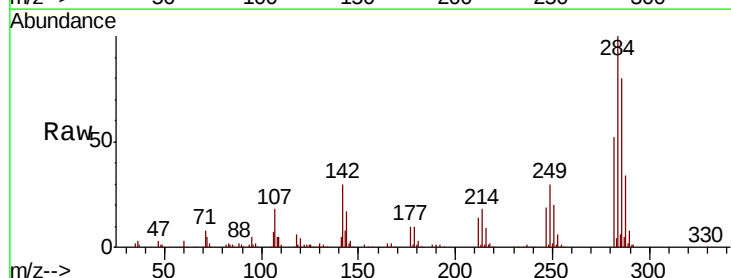


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

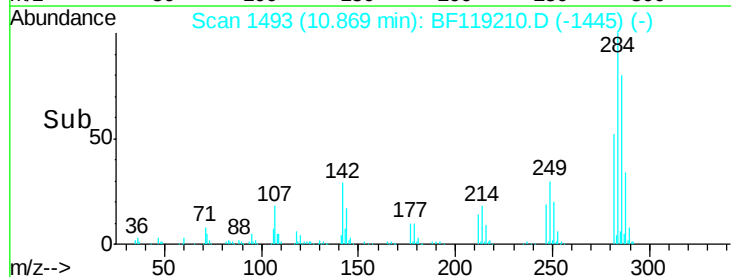
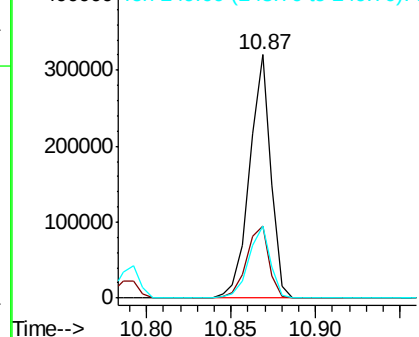


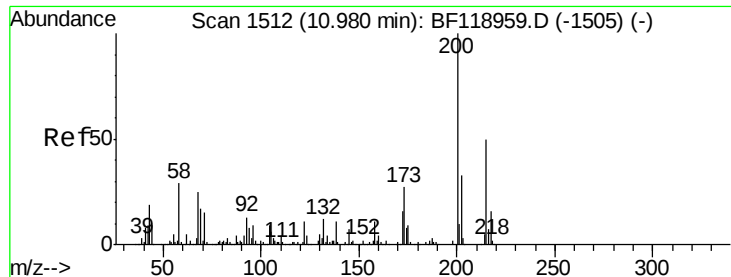
#68
Hexachlorobenzene
Concen: 42.002 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.5	23.7	35.5
249	29.6	25.0	37.6



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





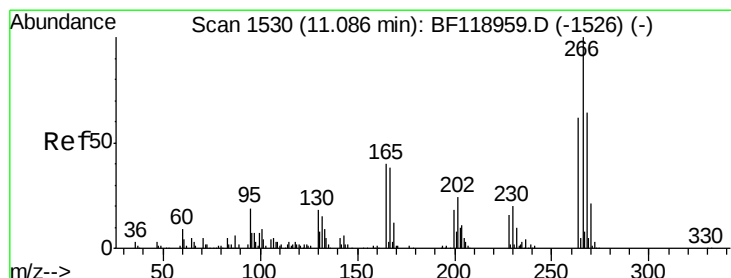
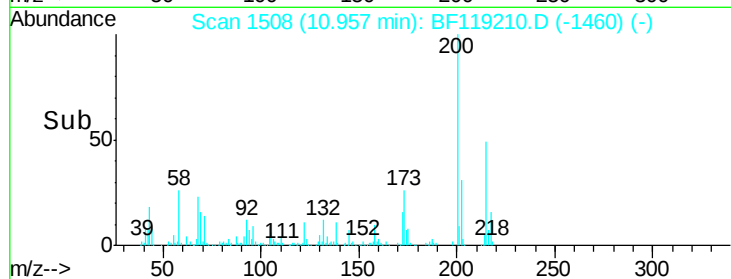
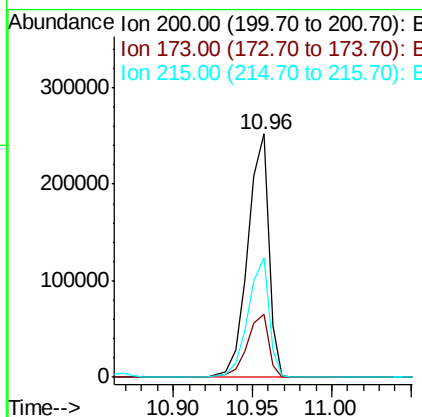
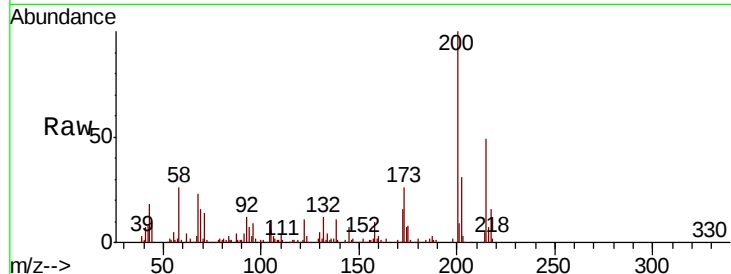
#69
Atrazine
Concen: 45.523 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.9	6.4	46.4	
215	48.8	27.4	67.4	

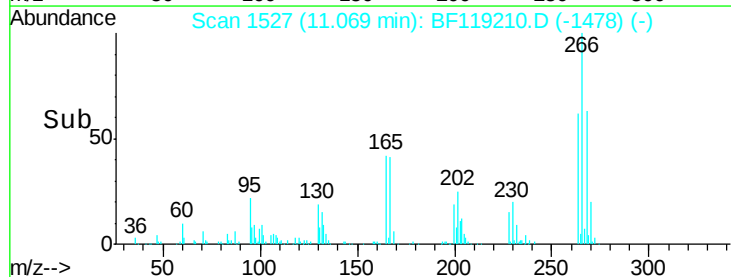
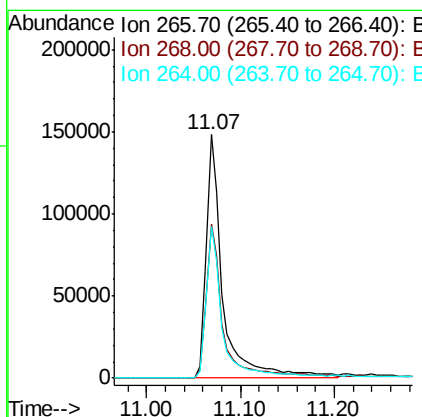
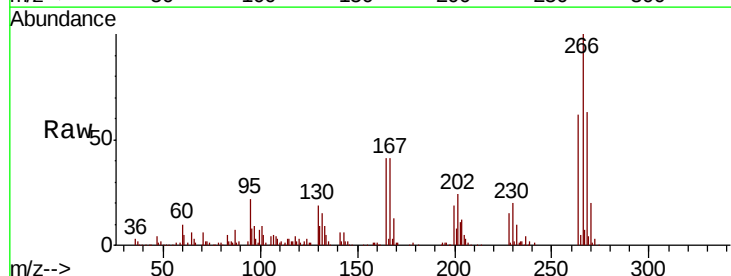
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#70
Pentachlorophenol
Concen: 68.707 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.2	51.9	77.9	
264	62.3	51.0	76.4	





#71

Phenanthrene

Concen: 43.538 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

ClientSampleId :

PB127191BS

Tot Ion:178 Resp: 1055809

Ion Ratio Lower Upper

178 100

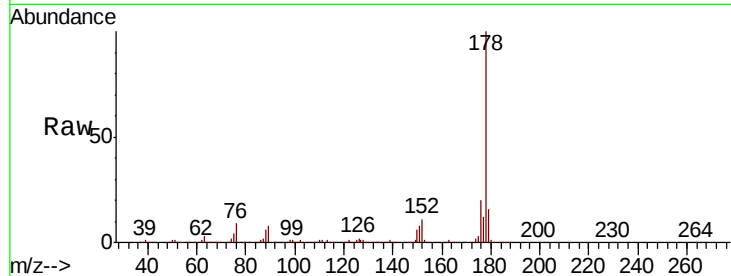
176 19.7 16.5 24.7

179 15.7 13.0 19.6

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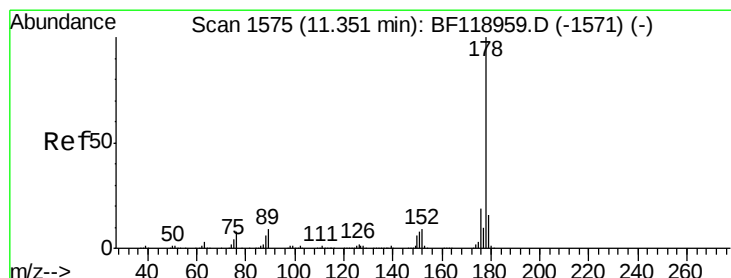
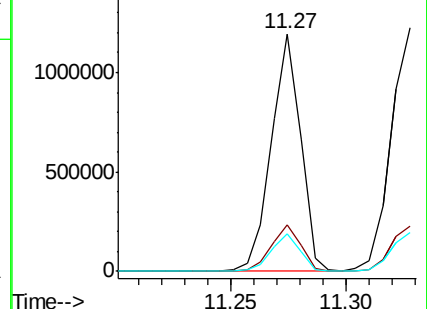
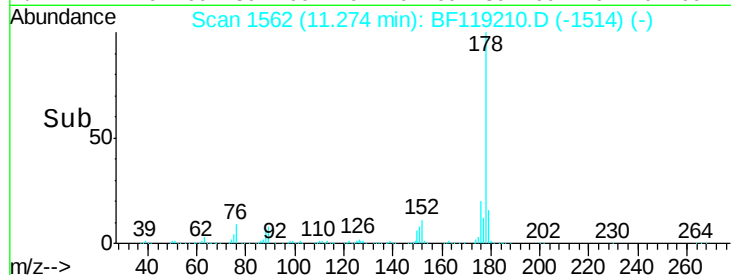
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.345 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

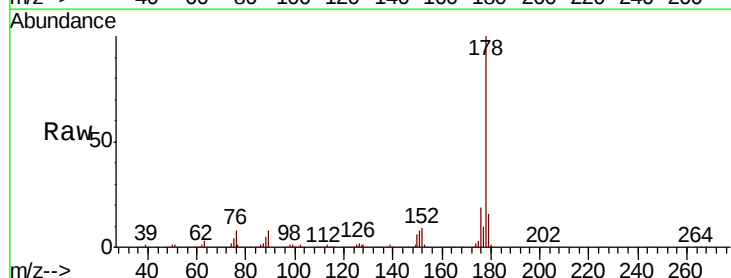
Tgt Ion:178 Resp: 1098712

Ion Ratio Lower Upper

178 100

176 18.7 16.0 24.0

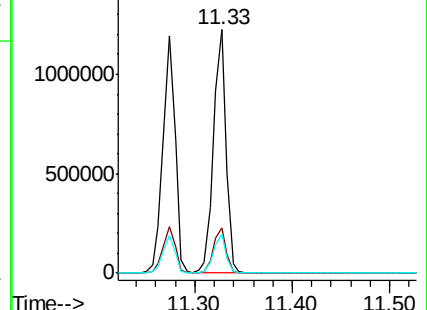
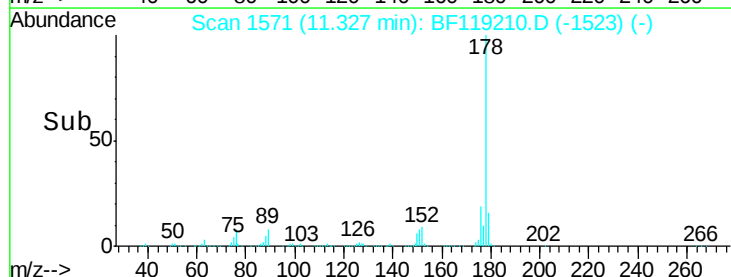
179 15.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 43.217 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

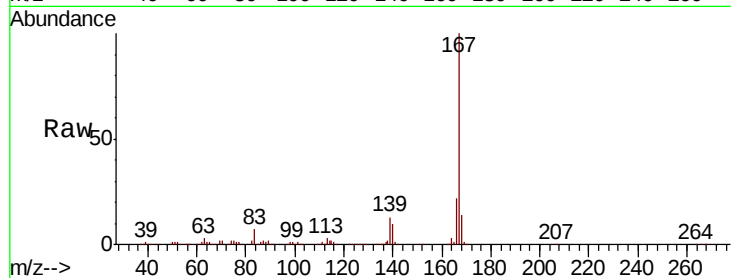
ClientSampleId :

PB127191BS

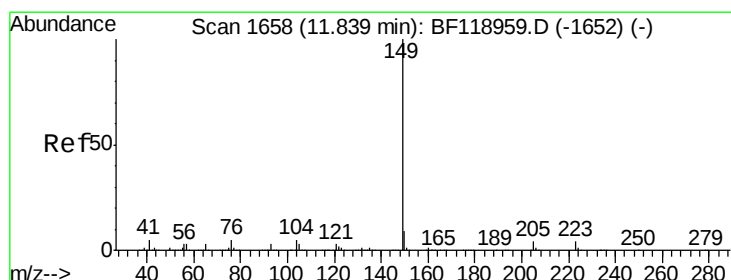
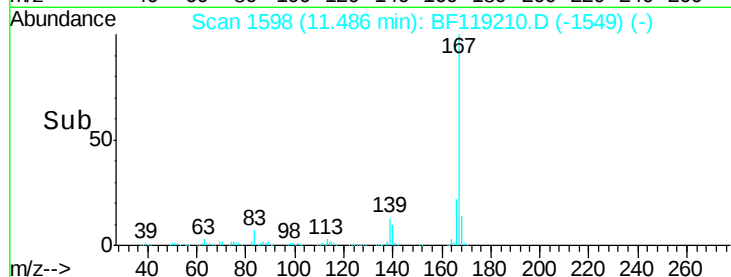
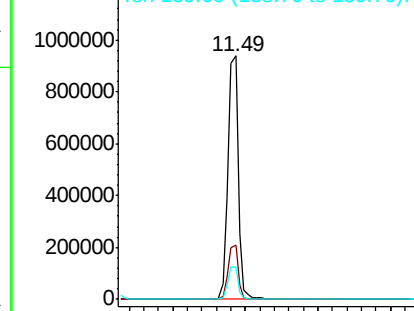
Tot Ion:	167	Resp:	932896
Ion Ratio	Lower	Upper	
167	100		
166	22.1	18.2	27.4
139	13.2	11.7	17.5

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.850 ng

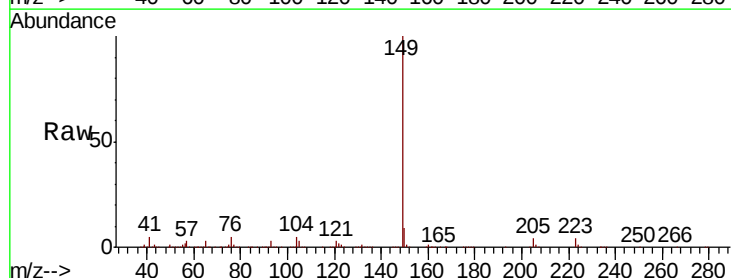
RT: 11.81 min Scan# 1653

Delta R.T. -0.02 min

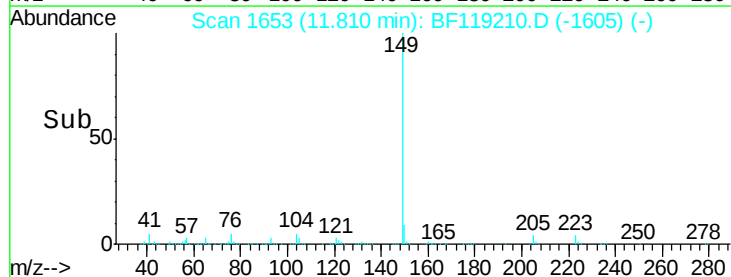
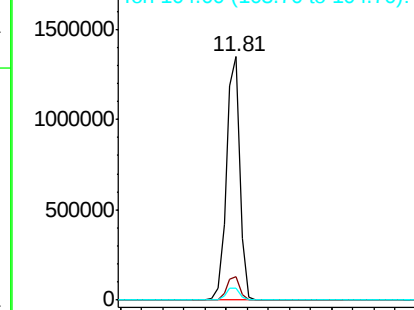
Lab File: BF119210.D

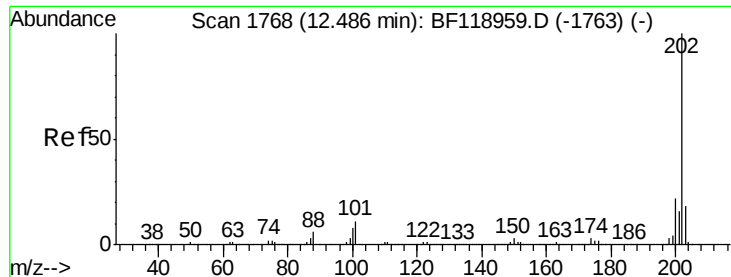
Acq: 5 Mar 2020 12:52

Tgt Ion:	149	Resp:	1198565
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.9	11.9
104	5.1	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.887 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

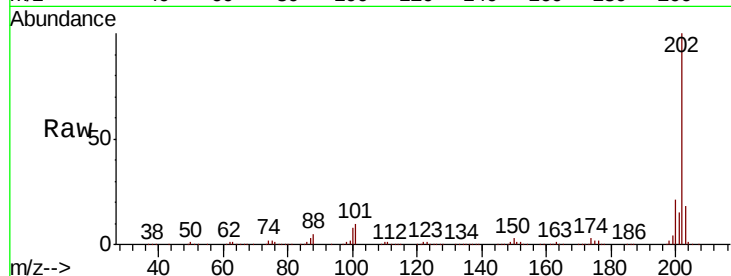
ClientSampleId :

PB127191BS

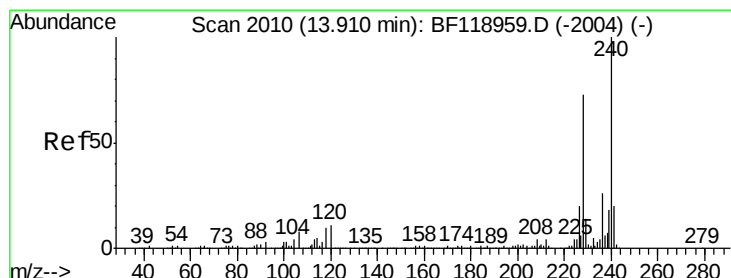
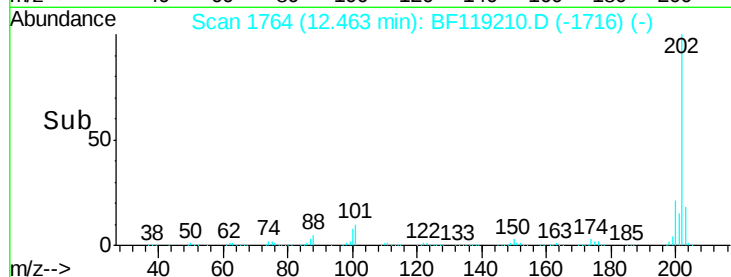
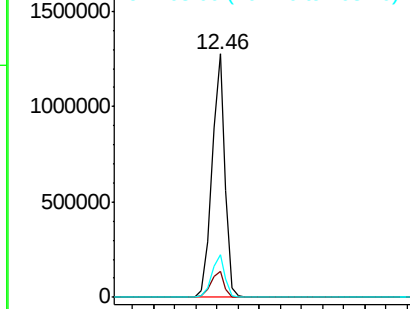
Tot Ion:	202	Resp:	1103971
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.3
203	17.7	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

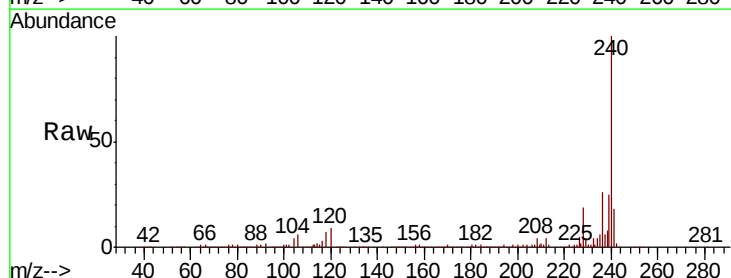
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

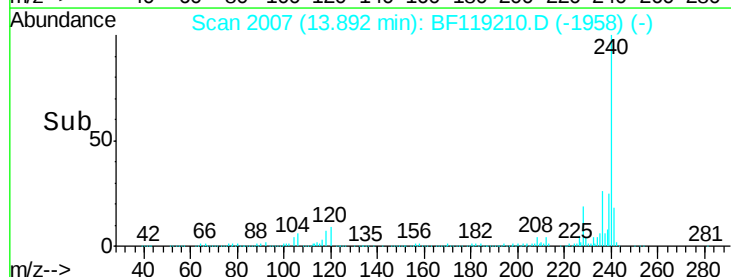
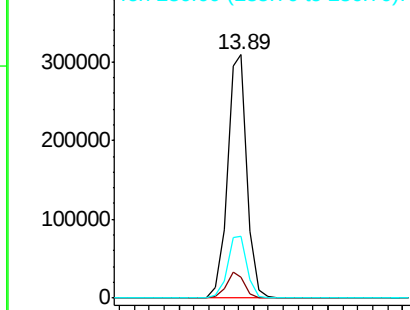
Lab File: BF119210.D

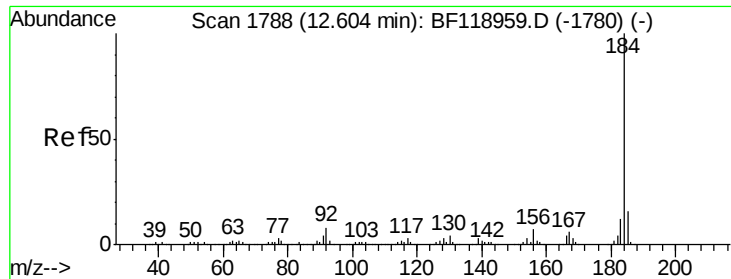
Acq: 5 Mar 2020 12:52

Tgt Ion:	240	Resp:	284839
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.4	12.6
236	25.6	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.800 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

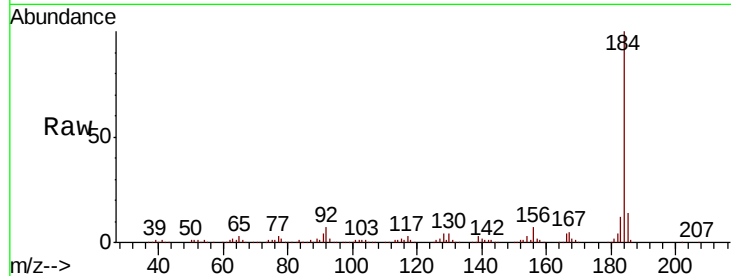
ClientSampleId :

PB127191BS

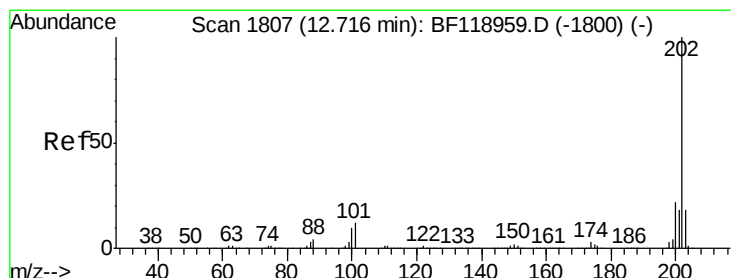
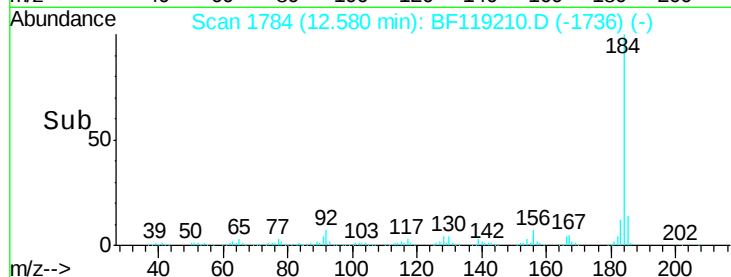
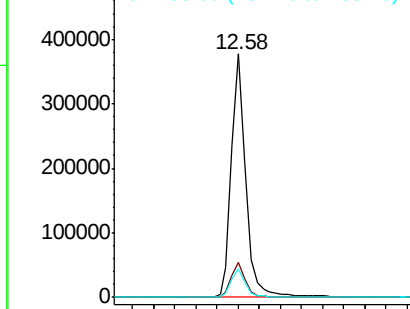
Tot Ion:	184	Resp:	356793
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	11.6	9.9	14.9

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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: 47.625 ng

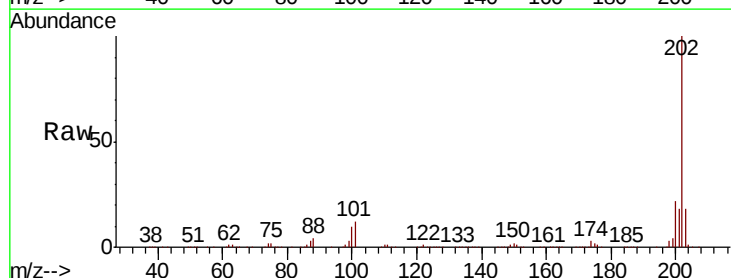
RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

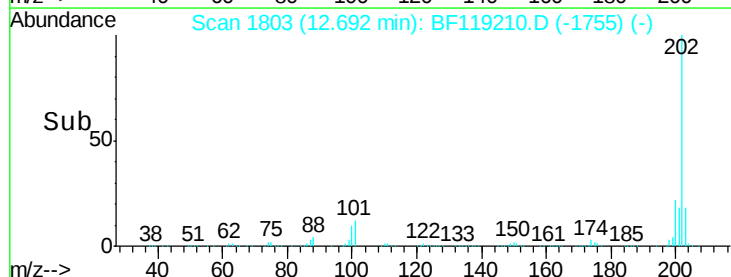
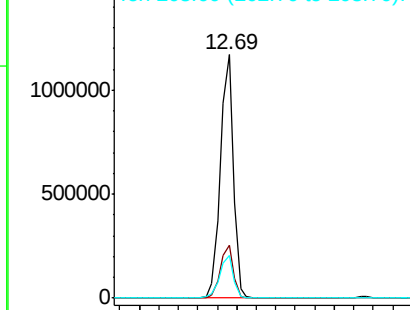
Lab File: BF119210.D

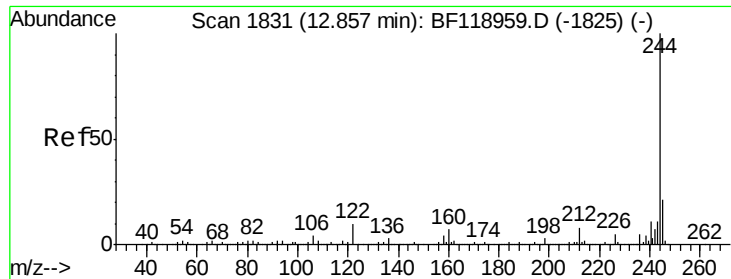
Acq: 5 Mar 2020 12:52

Tgt Ion:	202	Resp:	1089300
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.0	27.0
203	17.7	14.6	22.0



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





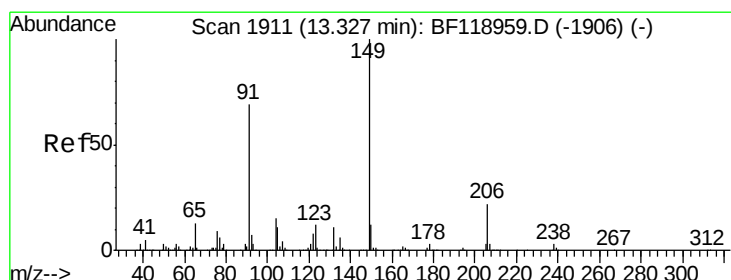
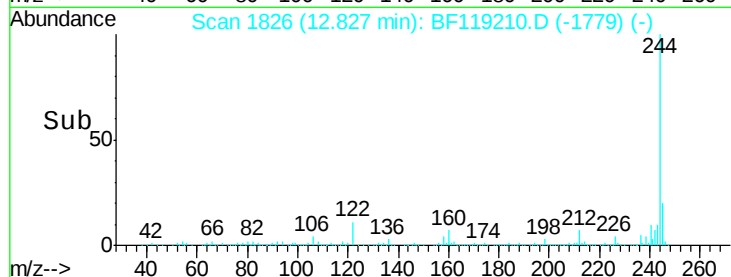
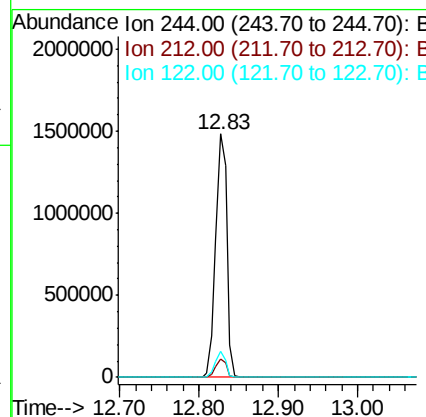
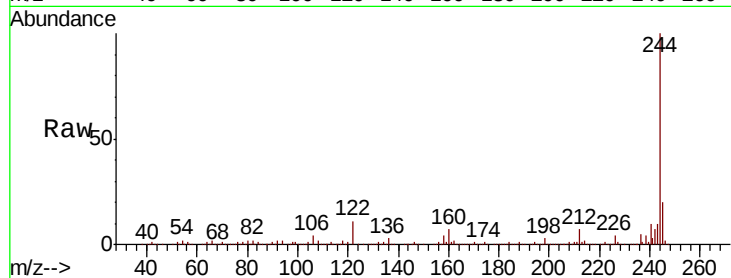
#79
Terphenyl-d14
Concen: 88.080 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion:244 Resp: 1457217
Ion Ratio Lower Upper
244 100
212 7.4 6.6 10.0
122 10.5 8.2 12.2

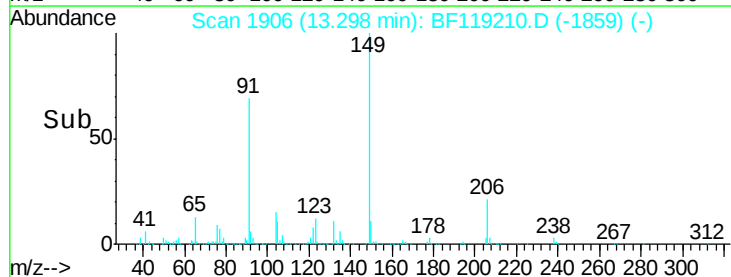
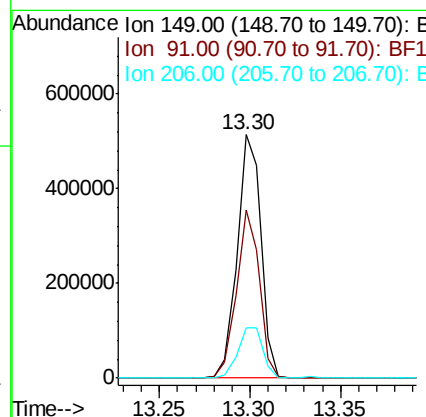
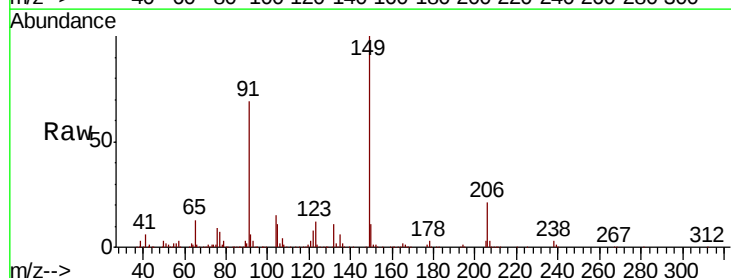
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#80
Butylbenzylphthalate
Concen: 48.596 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion:149 Resp: 467801
Ion Ratio Lower Upper
149 100
91 68.9 52.3 78.5
206 20.9 18.5 27.7





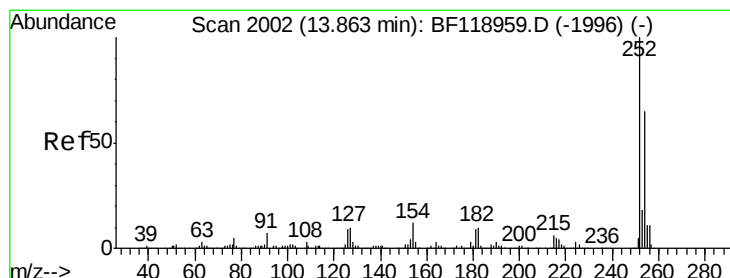
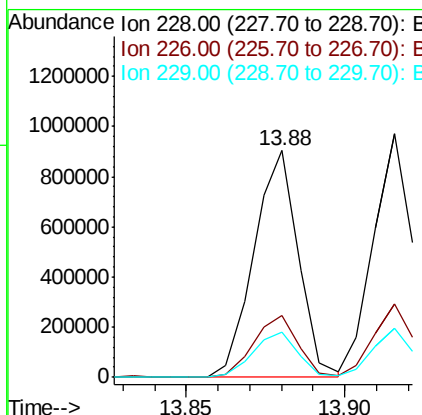
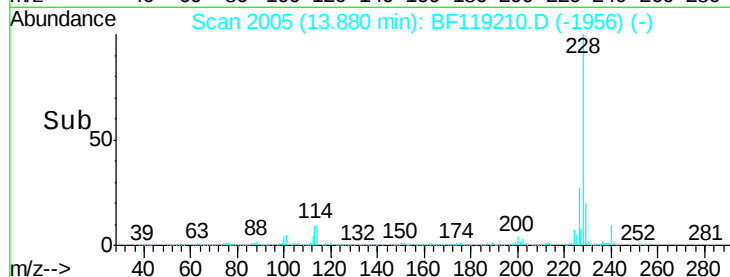
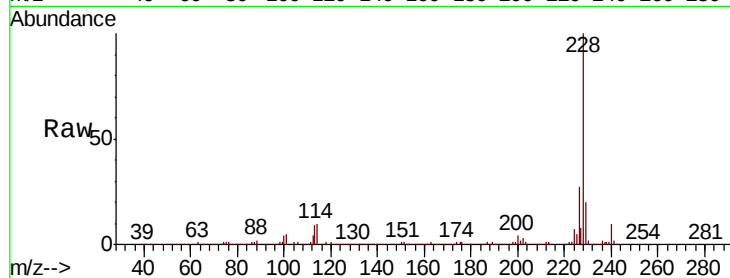
#81
Benzo(a)anthracene
Concen: 45.240 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.0	16.6	24.8

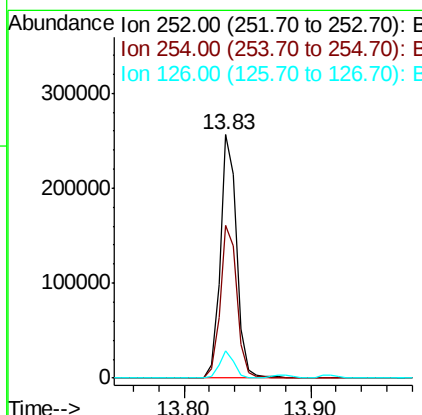
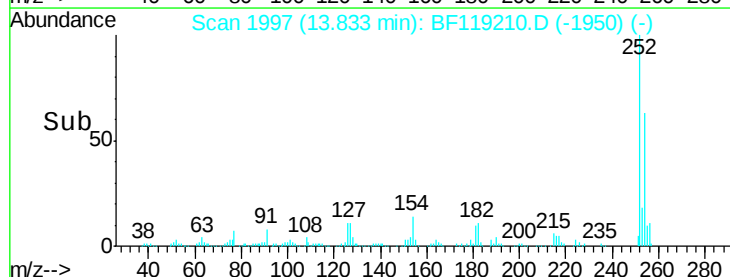
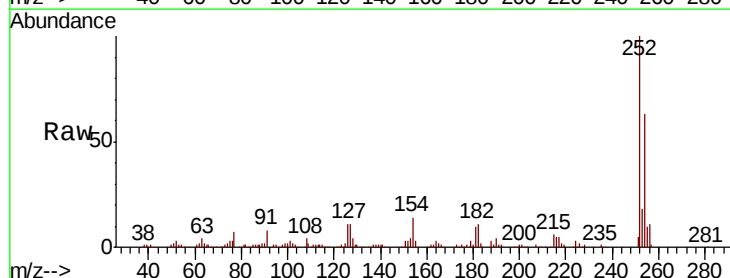
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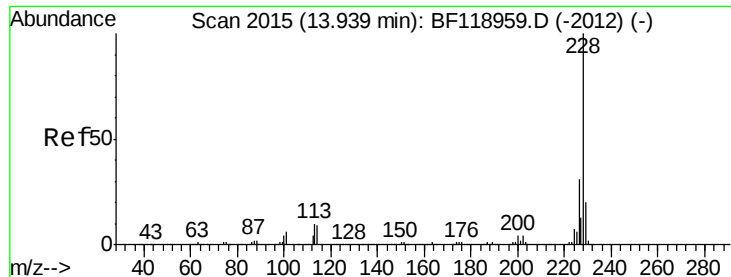
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#82
3,3'-Dichlorobenzidine
Concen: 30.837 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.6	77.4
126	11.0	7.4	11.0





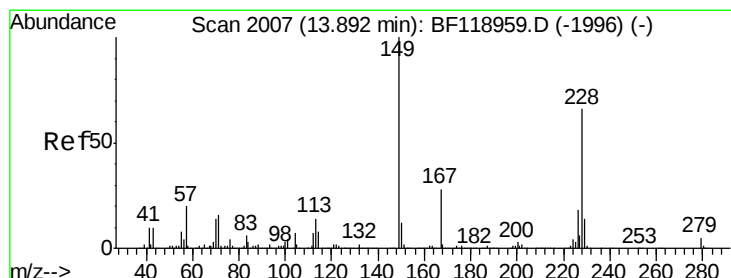
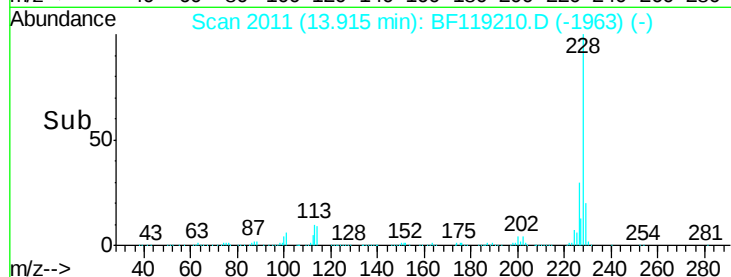
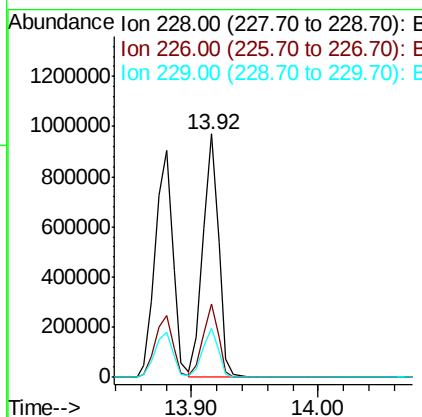
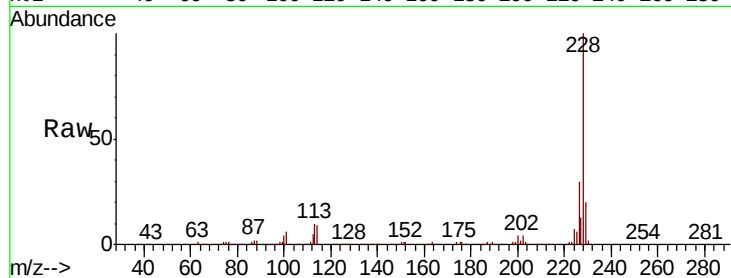
#83
 Chrvsene
 Concen: 43.021 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB127191BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.1	37.7
229	20.0	16.3	24.5

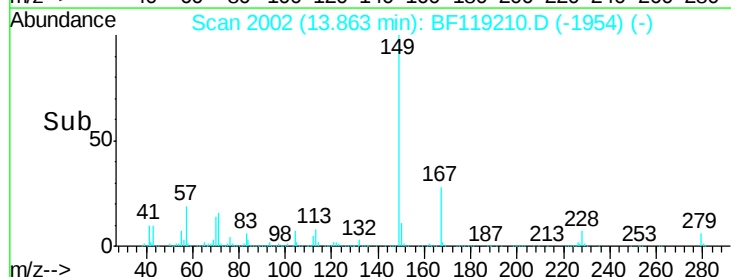
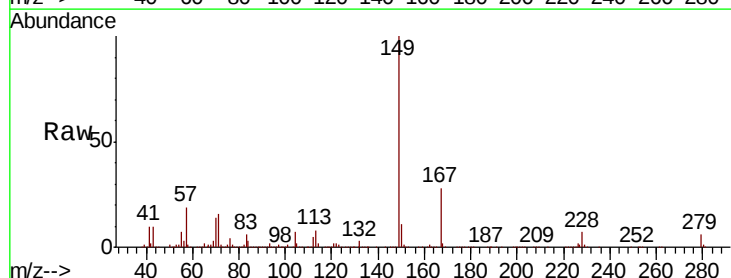
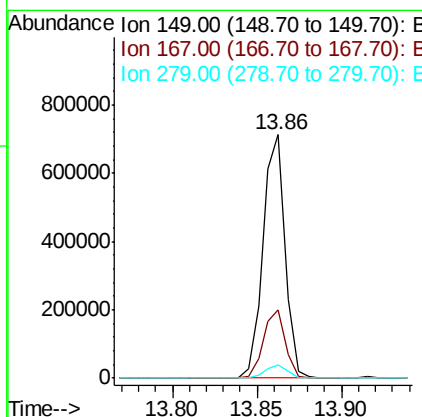
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.879 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF119210.D
 Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.8	34.2
279	5.6	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 50.949 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.02 min

Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Instrument :

BNA_F

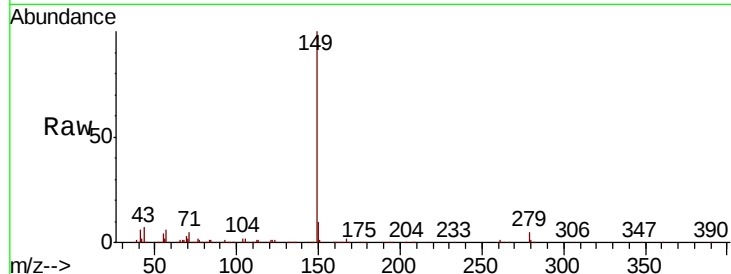
ClientSampleId :

PB127191BS

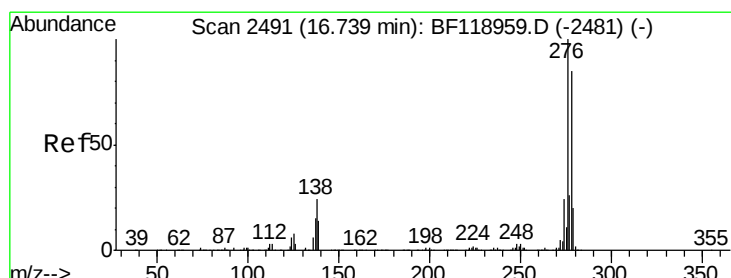
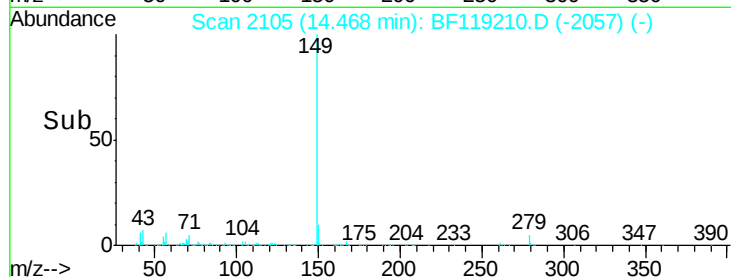
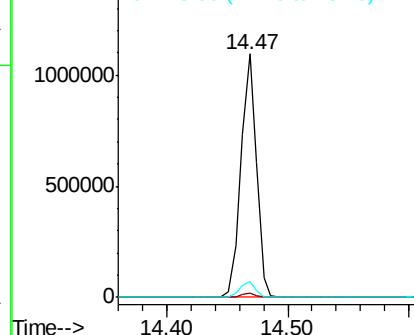
Tot Ion:	149	Resp:	987237
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.5	5.7	8.5

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000 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: 40.878 ng

RT: 16.72 min Scan# 2488

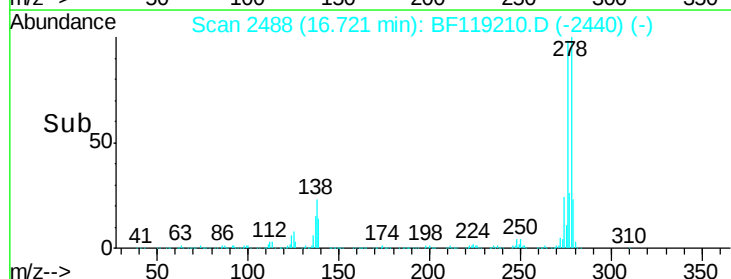
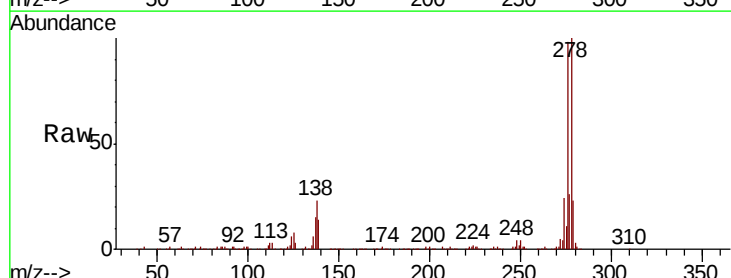
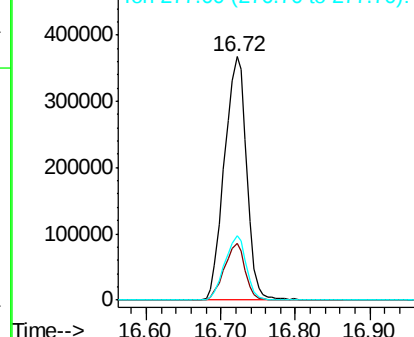
Delta R.T. -0.02 min

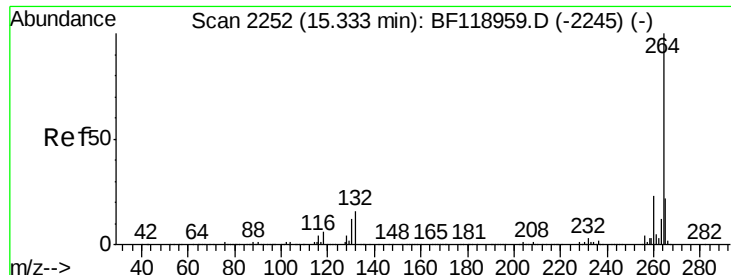
Lab File: BF119210.D

Acq: 5 Mar 2020 12:52

Tgt Ion:	276	Resp:	765428
Ion Ratio	Lower	Upper	
276	100		
138	21.9	17.4	26.0
277	25.6	20.3	30.5

Abundance Ion 276.00 (275.70 to 276.70): E
500000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





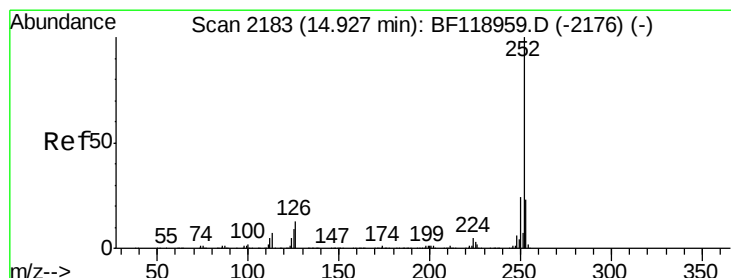
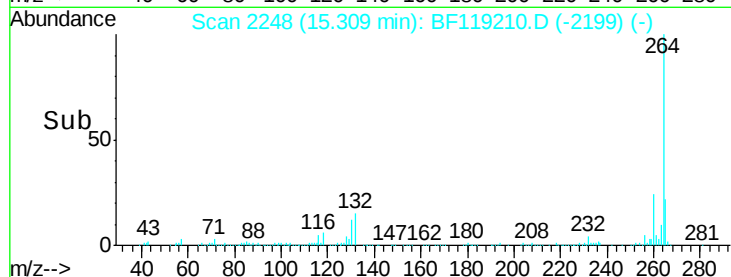
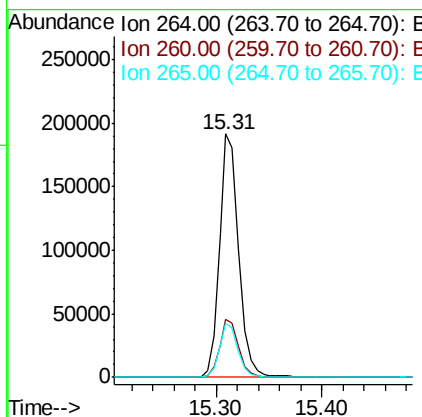
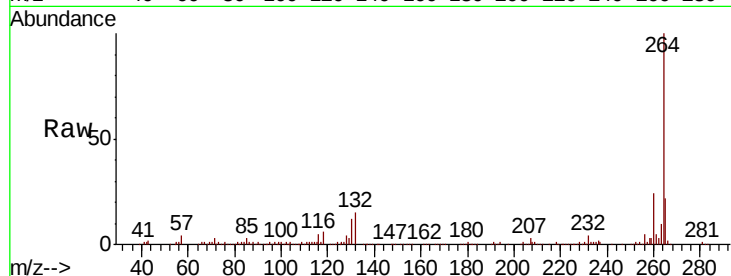
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	22.1	17.7	26.5

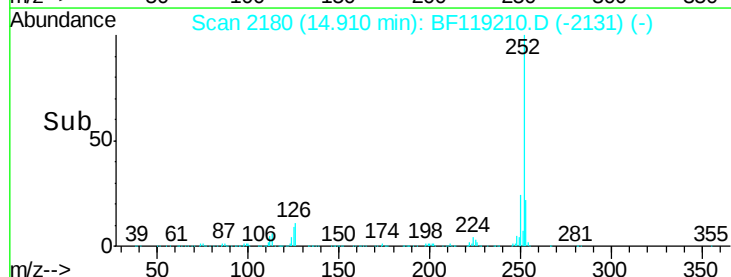
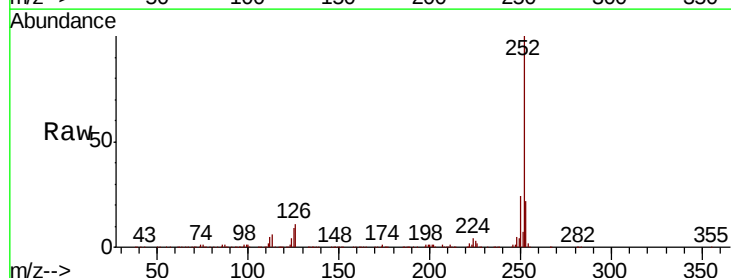
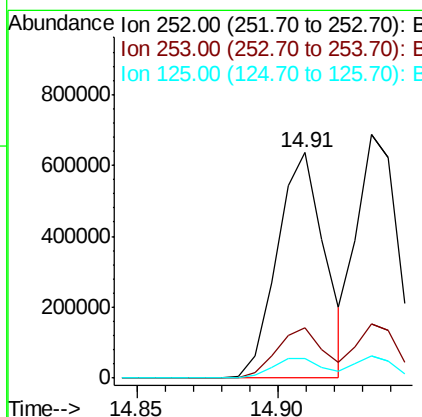
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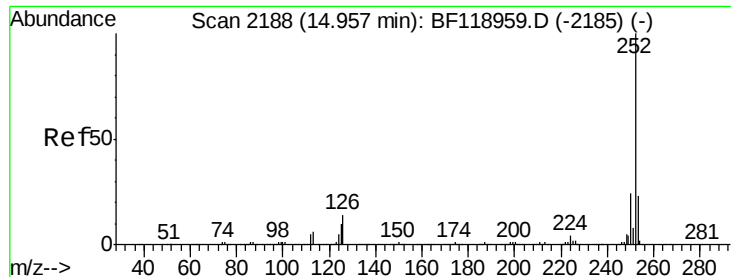
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#88
Benzo(b)fluoranthene
Concen: 46.445 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	8.6	7.4	11.0





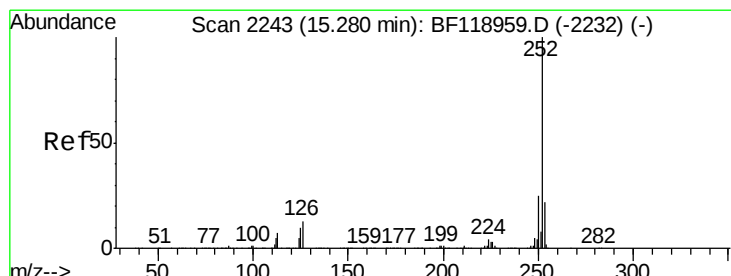
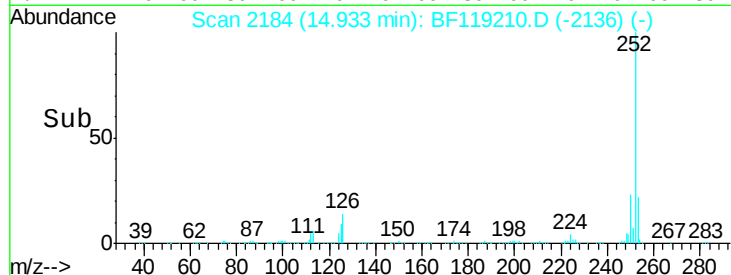
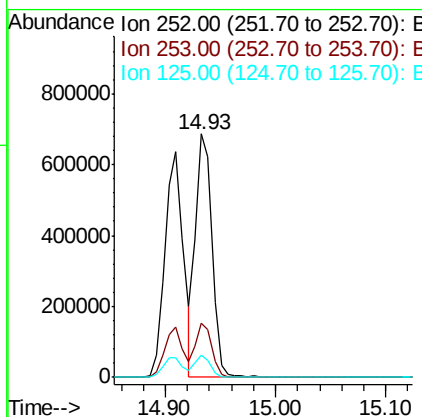
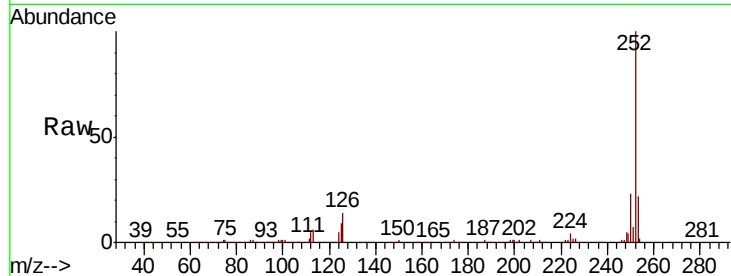
#89
Benzo(k)fluoranthene
Concen: 46.929 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	9.4	7.5	11.3

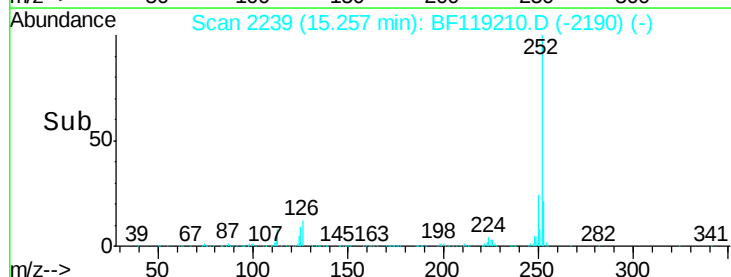
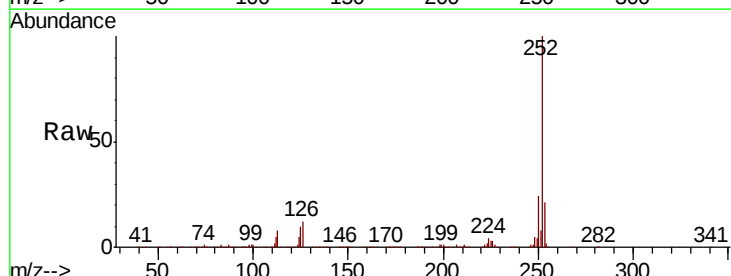
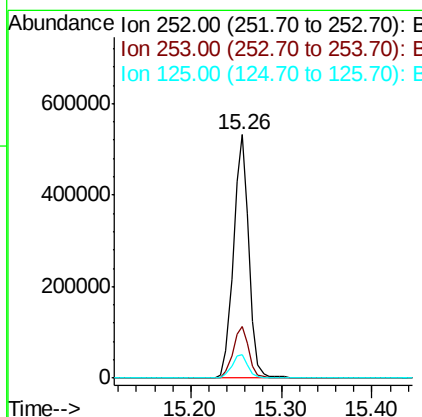
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#90
Benzo(a)pyrene
Concen: 43.799 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.6	8.6	12.8





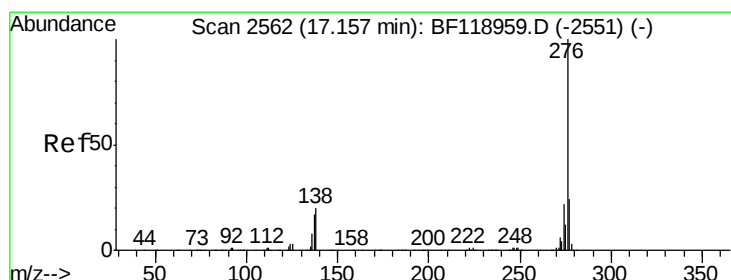
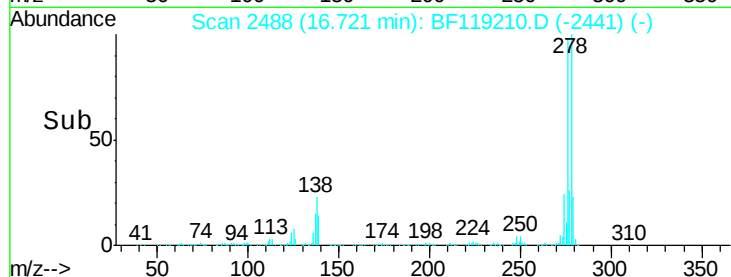
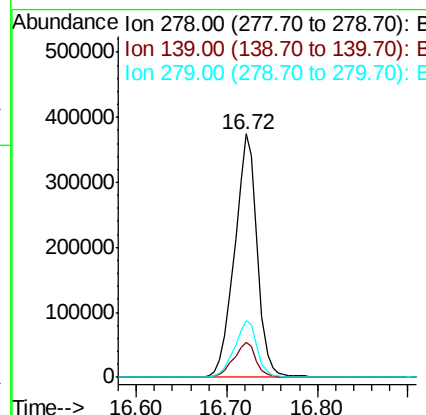
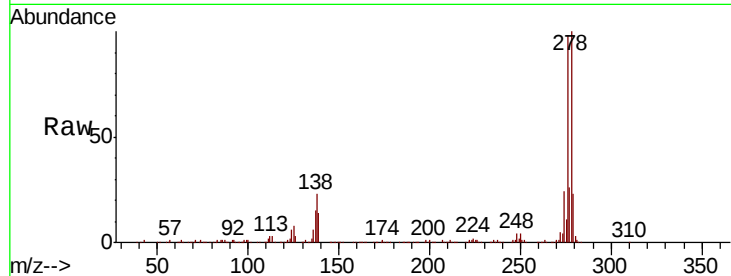
#91
Dibenzo(a,h)anthracene
Concen: 51.103 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Instrument :
BNA_F
ClientSampleId :
PB127191BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.0	16.4
279	23.4	18.6	28.0

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#92
Benzo(g,h,i)perylene
Concen: 51.703 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF119210.D
Acq: 5 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.7	28.1
138	18.8	14.3	21.5

