

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122358.D
 Acq On : 17 Nov 2020 21:29
 Operator : JU/CG
 Sample : L4771-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CD-BH-01-0-1

Quant Time: Nov 18 00:24:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

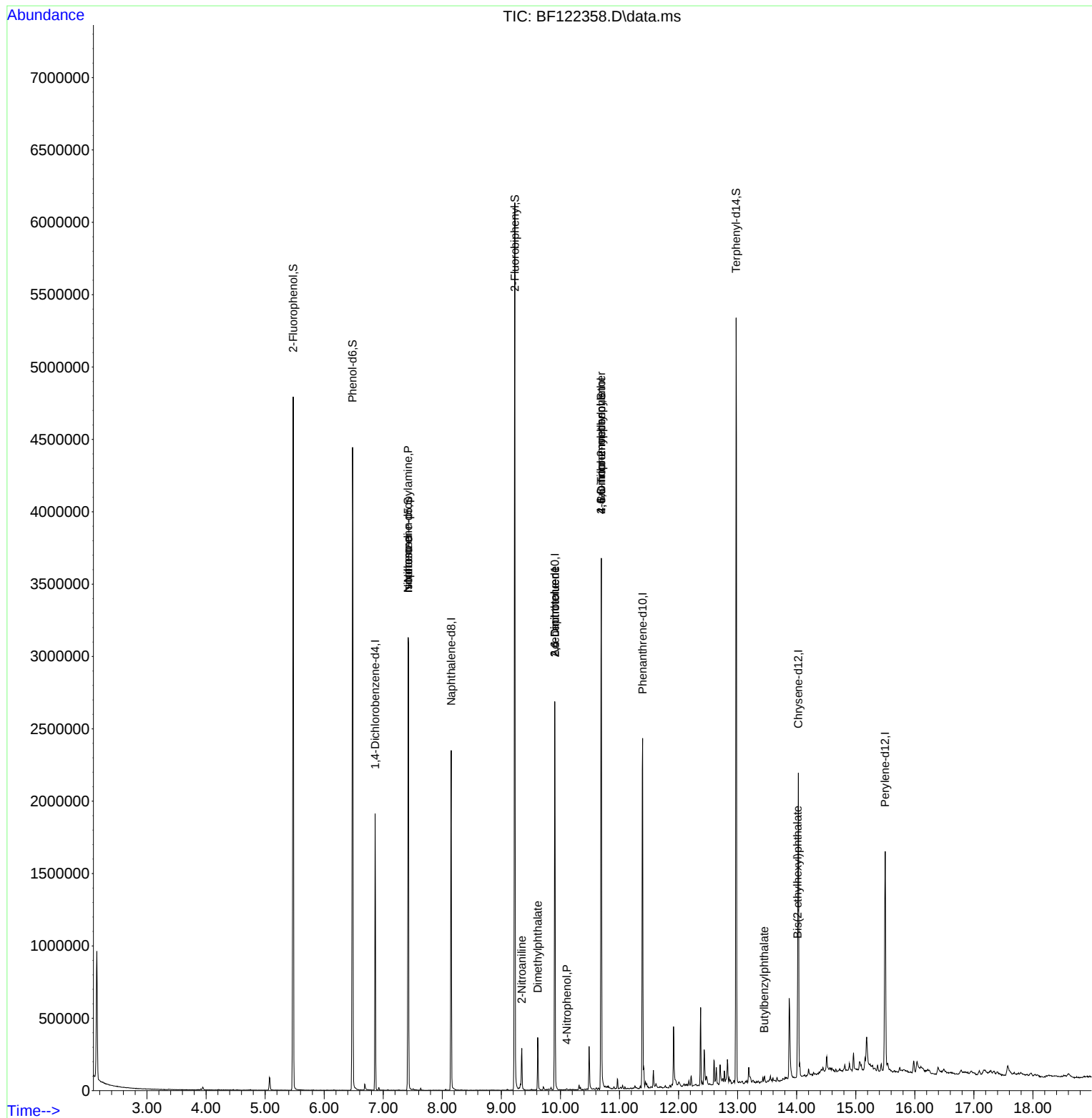
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	255279	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	986672	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	517184	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	905840	20.00	ng	0.00
76) Chrysene-d12	14.027	240	672574	20.00	ng	0.00
86) Perylene-d12	15.498	264	700059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1285724	77.34	ng	0.00
7) Phenol-d6	6.481	99	1645643	75.67	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1053212	65.35	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	464765	83.73	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1802885	54.47	ng	0.00
79) Terphenyl-d14	12.974	244	1664652	52.43	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	2489	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	140910	10.84	ng	# 78
25) Isophorone	7.422	82	1041853	29.00	ng	# 67
48) 2-Nitroaniline	9.345	65	3343	5.48	ng	# 13
50) Dimethylphthalate	9.616	163	146765	3.99	ng	# 99
51) 2,6-Dinitrotoluene	9.904	165	67033	11.36	ng	# 21
56) 4-Nitrophenol	10.110	139	395	5.45	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	67022	10.58	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1138	6.51	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	29821	2.80	ng	# 1
80) Butylbenzylphthalate	13.451	149	3289	3.45	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.015	149	73314	3.22	ng	# 98

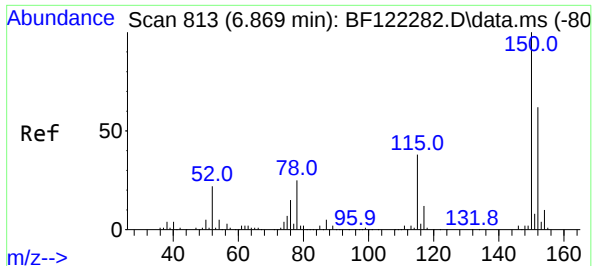
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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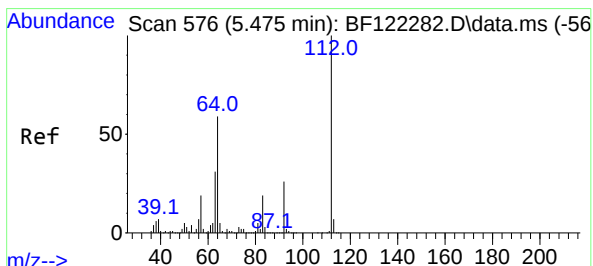
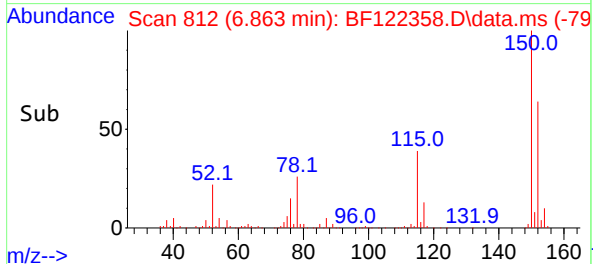
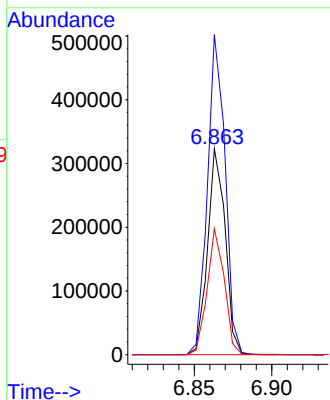
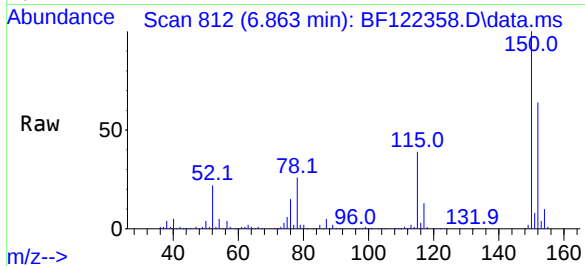




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

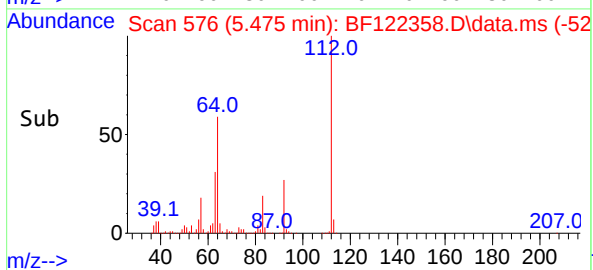
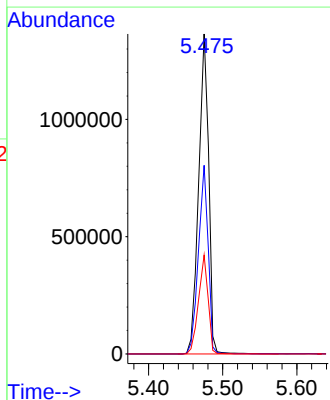
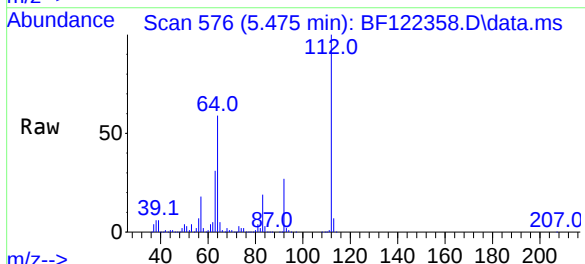
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BNA_F
ClientSampleId :
CD-BH-01-0-1

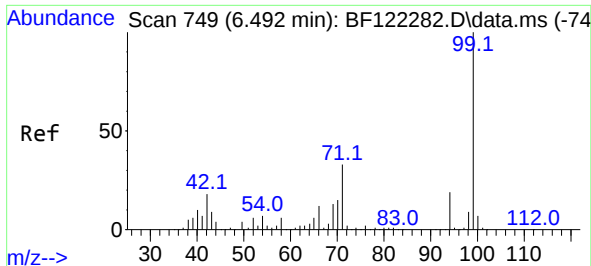
Tgt Ion:152 Resp: 255279
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 61.1 51.9 77.9



#5
2-Fluorophenol
Concen: 77.34 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion:112 Resp: 1285724
Ion Ratio Lower Upper
112 100
64 58.9 50.4 75.6
63 30.9 25.8 38.6

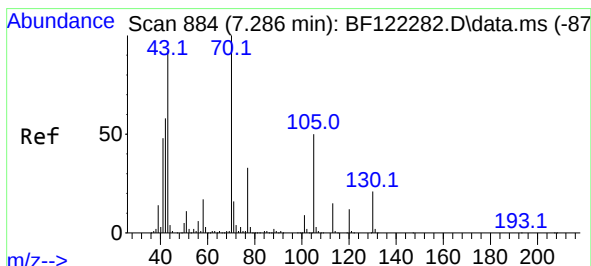
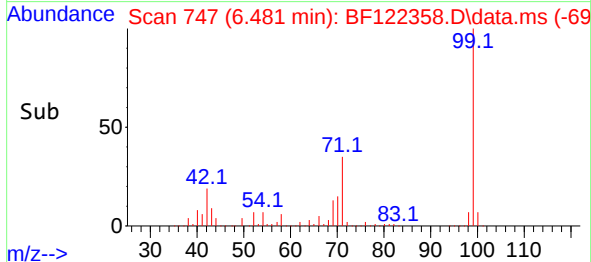
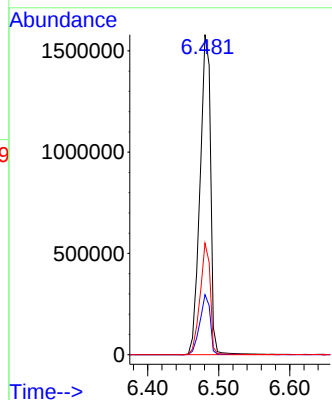
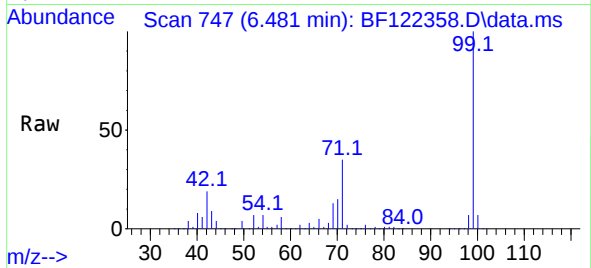




#7
Phenol-d6
Concen: 75.67 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

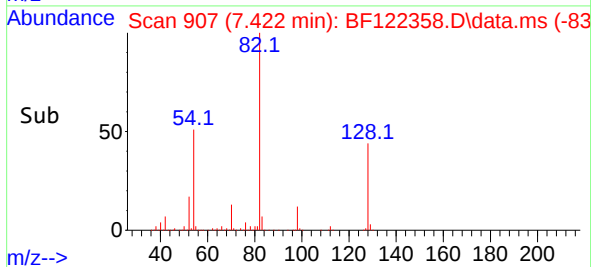
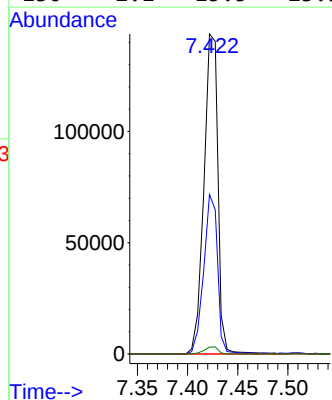
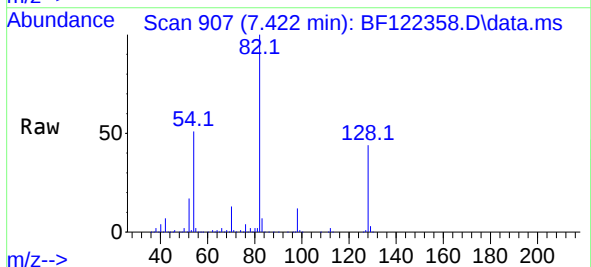
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ClientSampleId :
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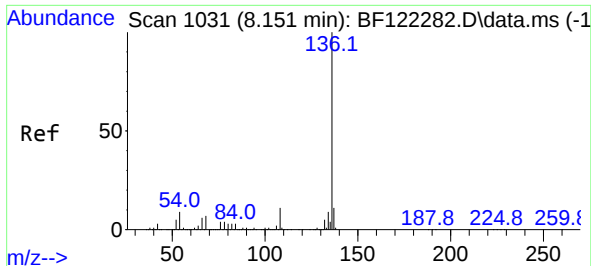
Tgt Ion: 99 Resp: 1645643
Ion Ratio Lower Upper
99 100
42 18.8 15.9 23.9
71 34.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.84 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.136 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion: 70 Resp: 140910
Ion Ratio Lower Upper
70 100
42 49.9 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



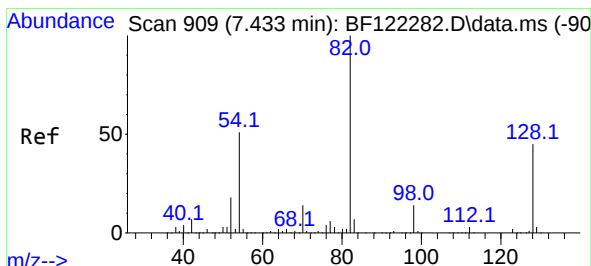
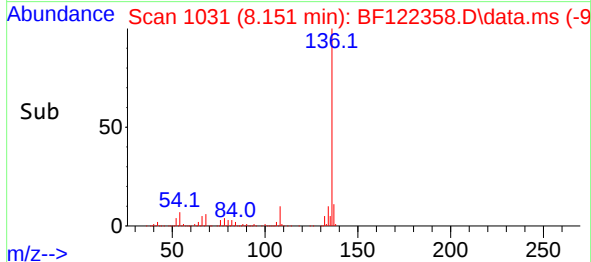
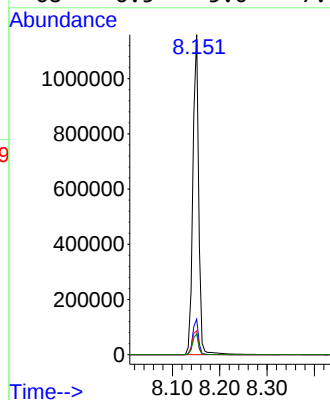
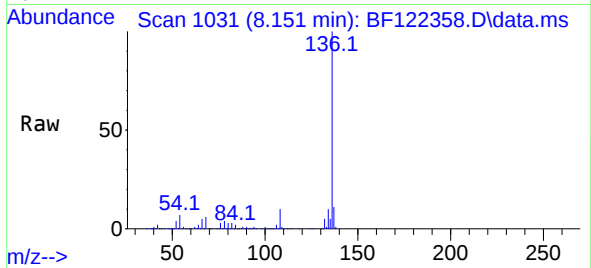


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Instrument :
BNA_F
ClientSampleId :
CD-BH-01-0-1

Tgt Ion:136 Resp: 986672

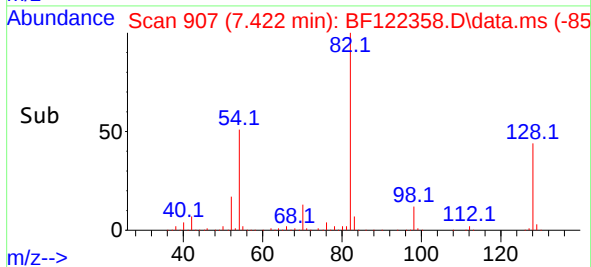
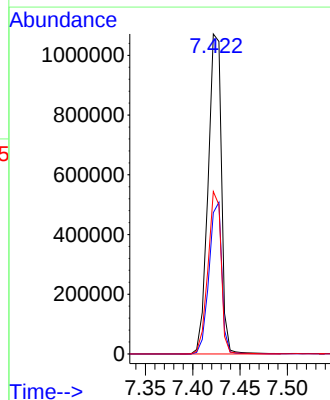
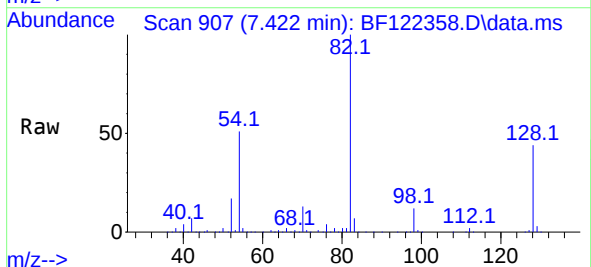
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	7.1	10.7
68	6.5	5.0	7.4

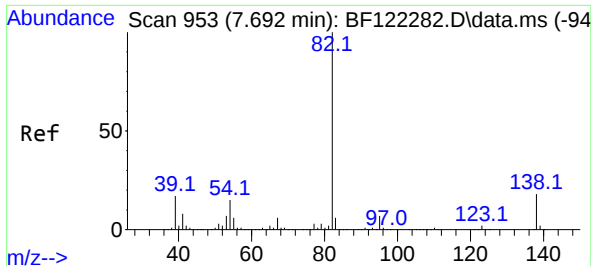


#23
Nitrobenzene-d5
Concen: 65.35 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion: 82 Resp: 1053212

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.0	52.4
54	50.8	43.9	65.9

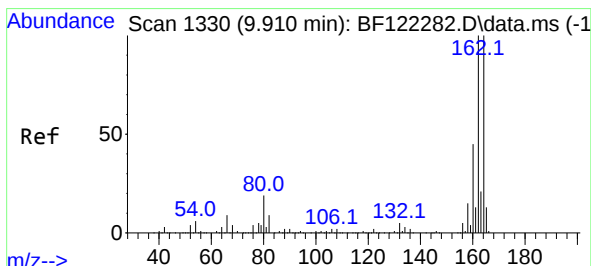
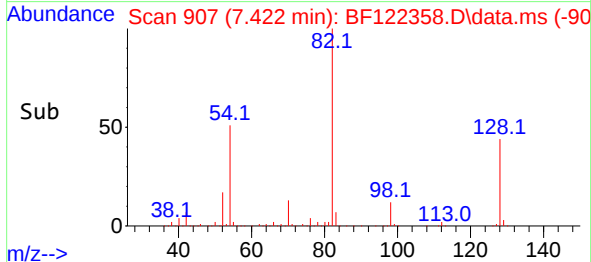
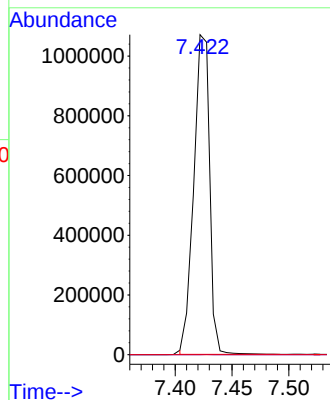
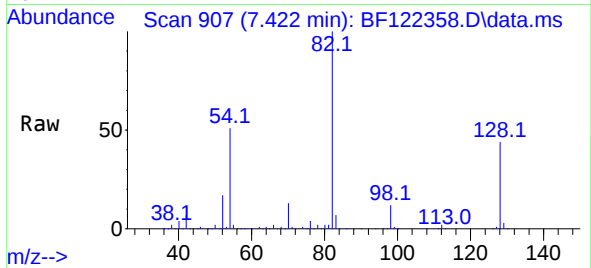




#25
Isophorone
Concen: 29.00 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

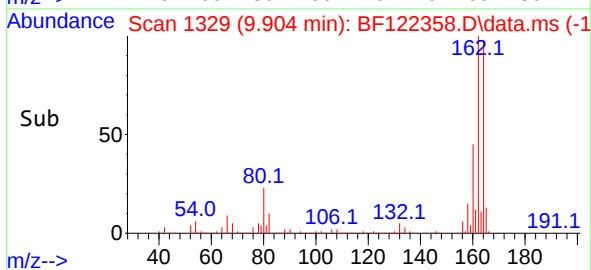
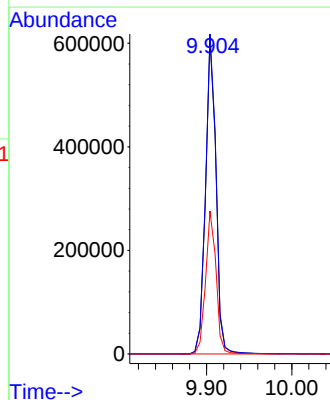
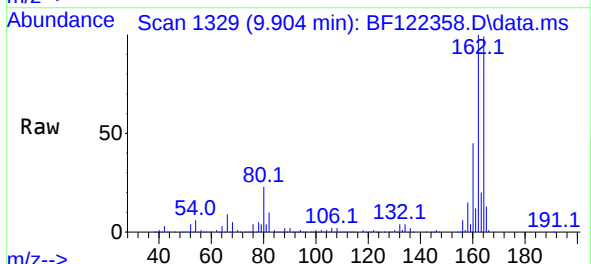
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CD-BH-01-0-1

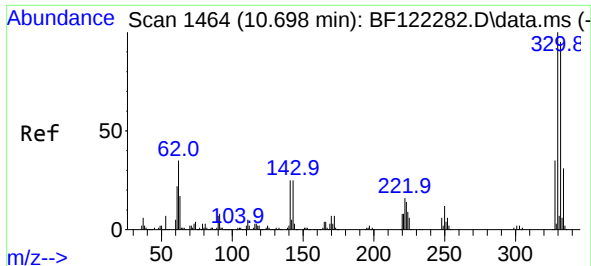
Tgt Ion: 82 Resp: 1041853
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion:164 Resp: 517184
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 45.3 37.5 56.3

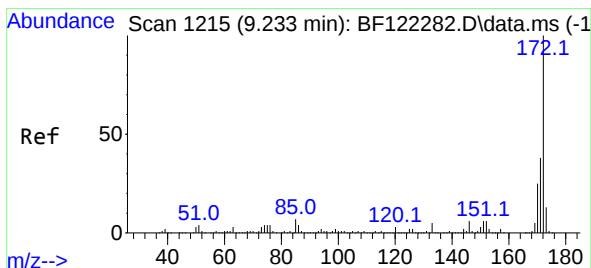
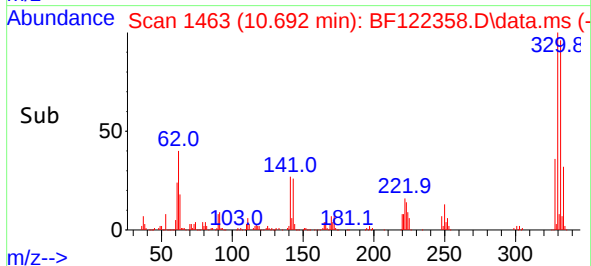
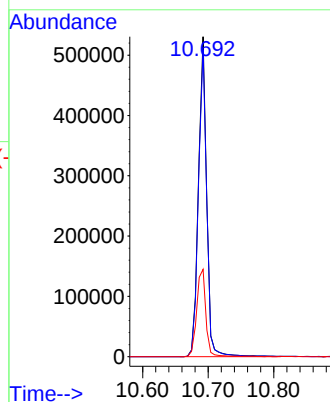
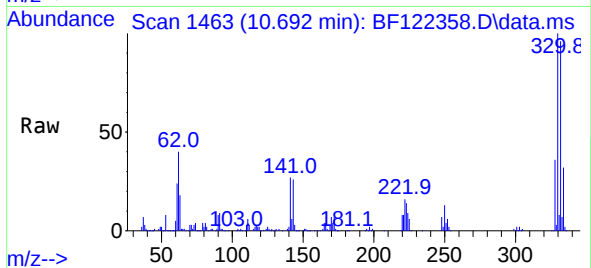




#42
2,4,6-Tribromophenol
Concen: 83.73 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

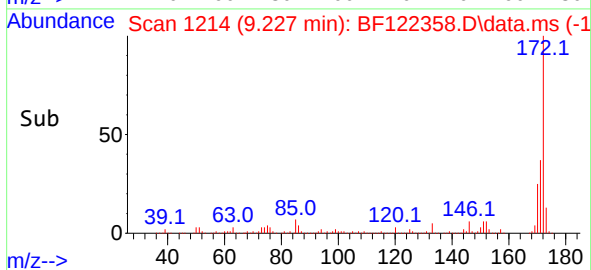
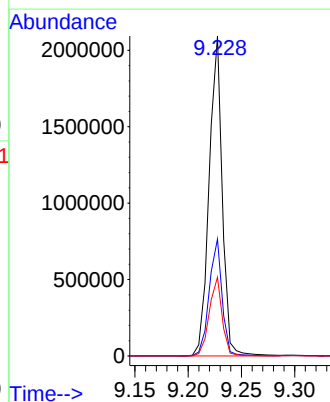
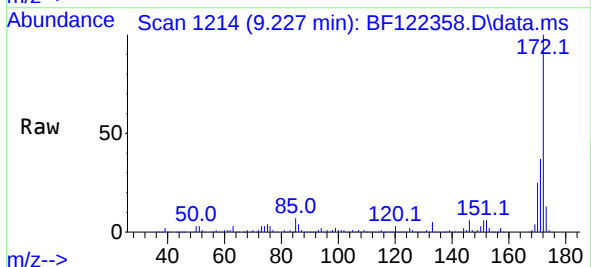
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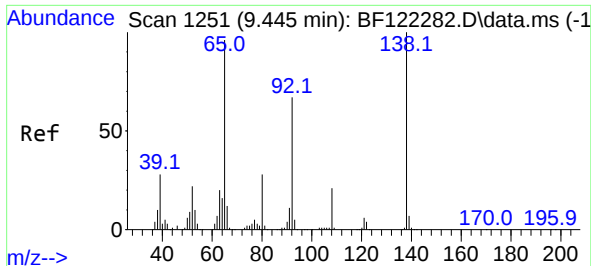
Tgt Ion:330 Resp: 464765
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 54.47 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion:172 Resp: 1802885
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 24.6 19.8 29.6

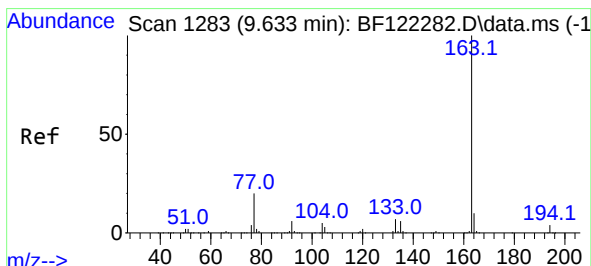
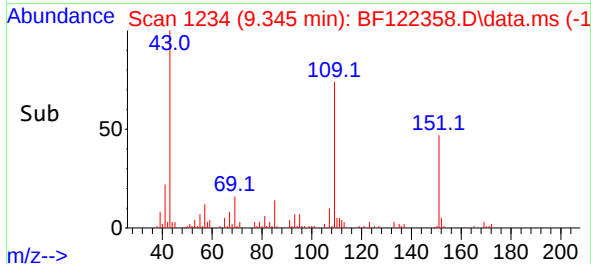
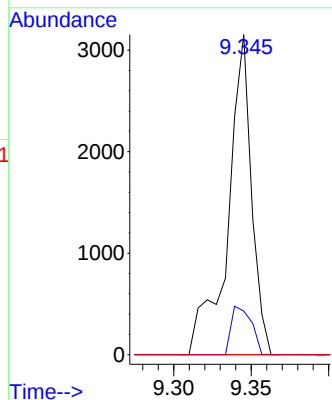
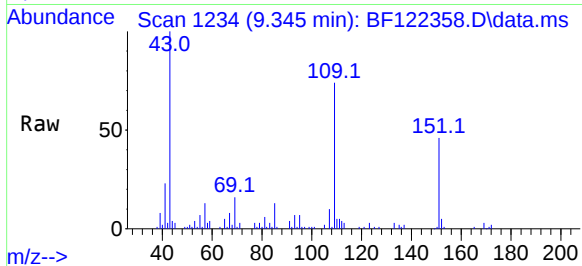




#48
2-Nitroaniline
Concen: 5.48 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

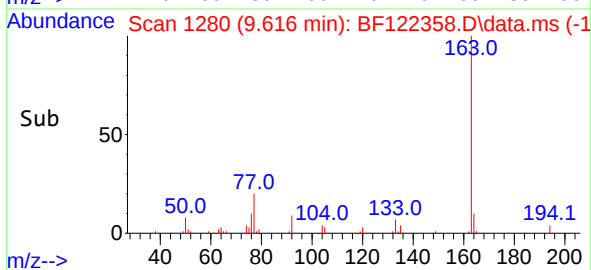
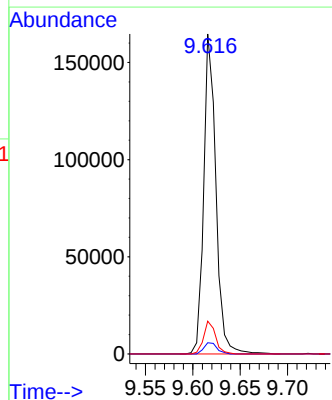
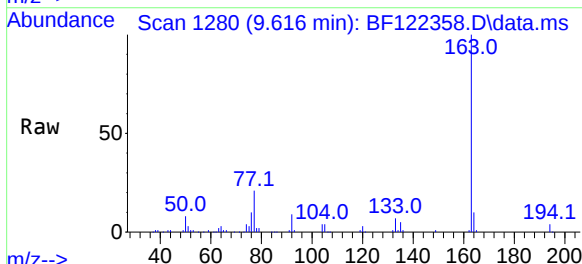
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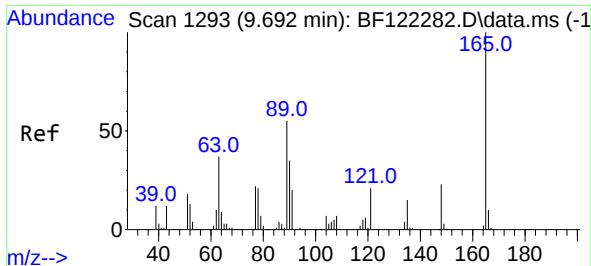
Tgt Ion: 65 Resp: 3343
Ion Ratio Lower Upper
65 100
92 13.6 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 3.99 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion: 163 Resp: 146765
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.2 8.2 12.4

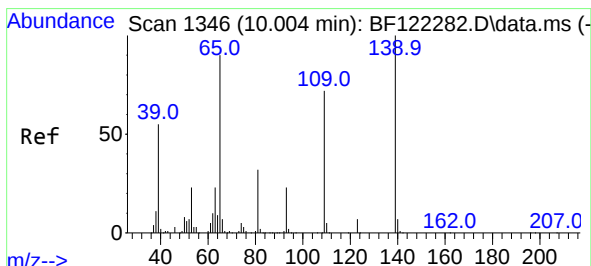
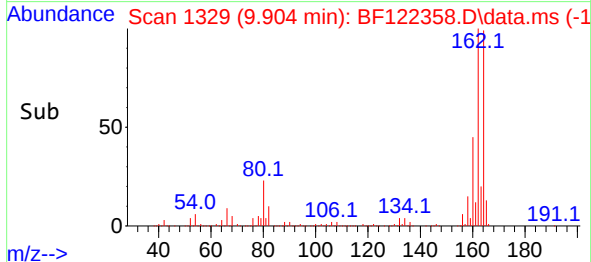
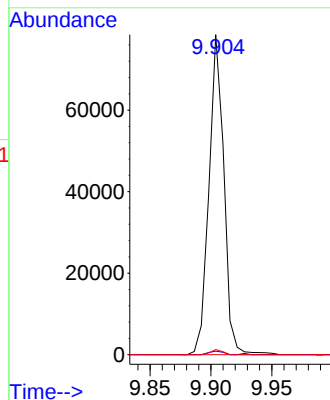
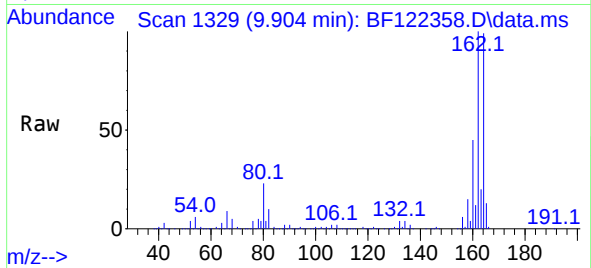




#51
2,6-Dinitrotoluene
Concen: 11.36 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

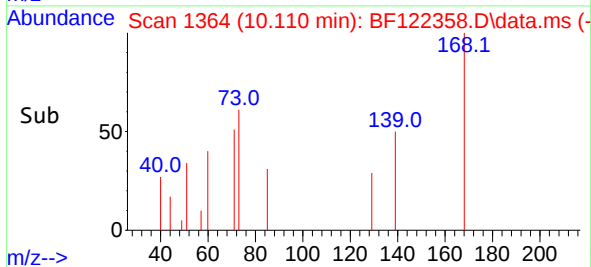
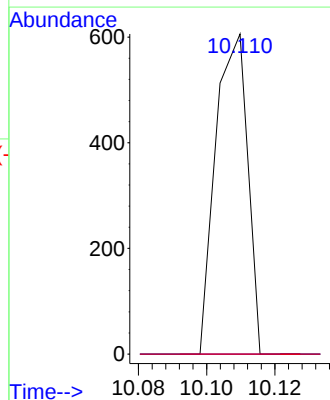
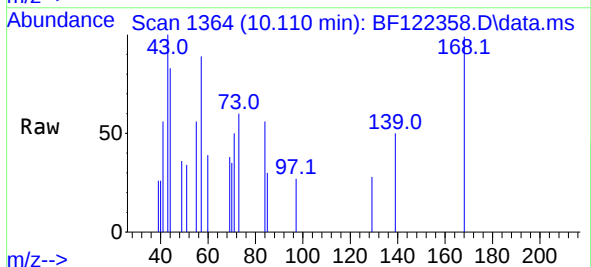
Instrument :
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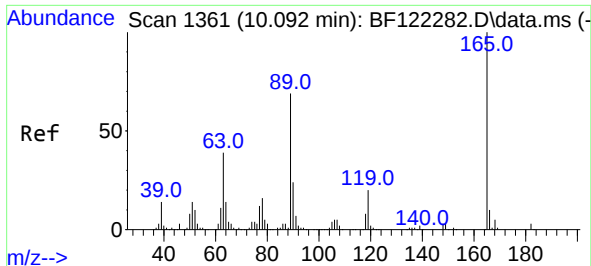
Tgt Ion:165 Resp: 67033
Ion Ratio Lower Upper
165 100
63 1.1 51.8 77.6#
89 1.6 49.0 73.6#



#56
4-Nitrophenol
Concen: 5.45 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.106 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion:139 Resp: 395
Ion Ratio Lower Upper
139 100
109 0.0 45.4 85.4#
65 0.0 68.4 108.4#



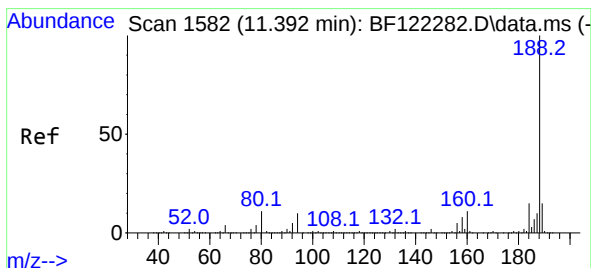
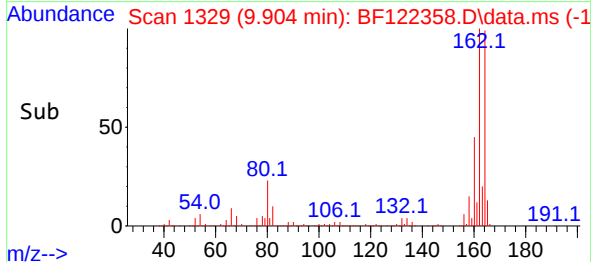
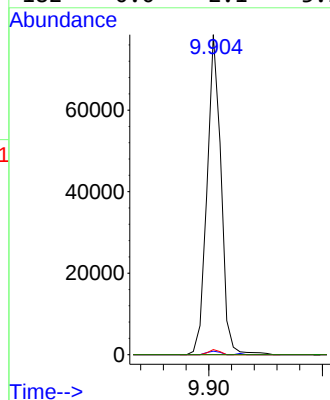
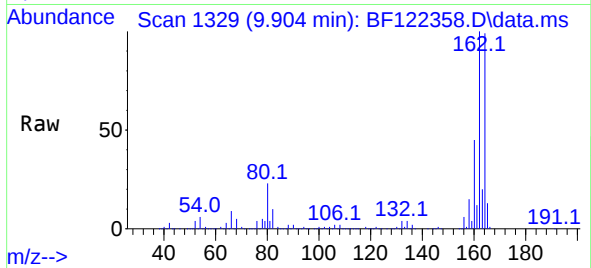


#57
2,4-Dinitrotoluene
Concen: 10.58 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Instrument :
BNA_F
ClientSampleId :
CD-BH-01-0-1

Tgt Ion:165 Resp: 67022

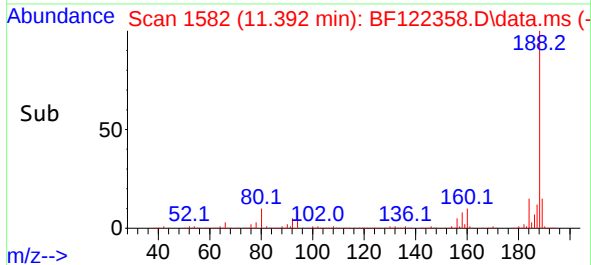
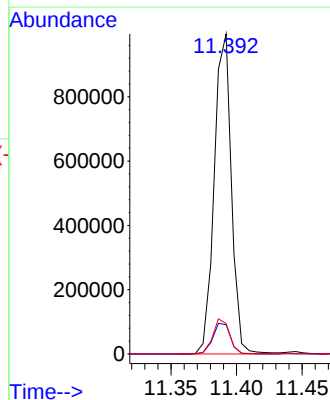
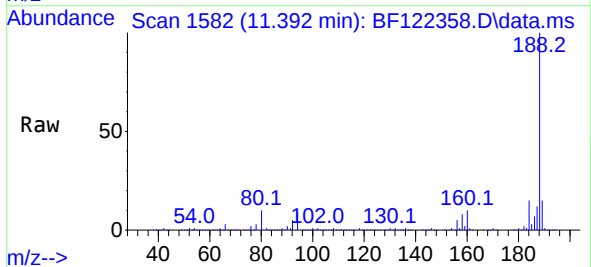
Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#

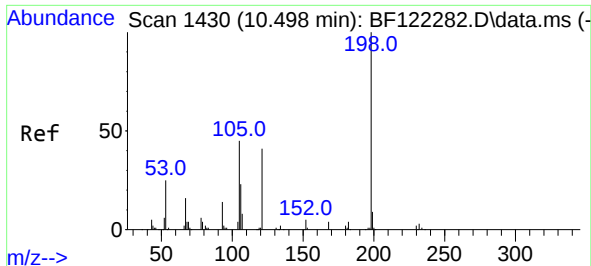


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion:188 Resp: 905840

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.3	12.5
80	9.5	9.1	13.7

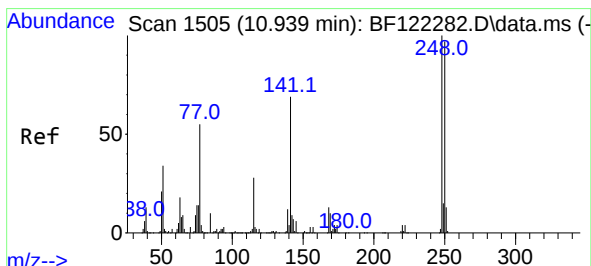
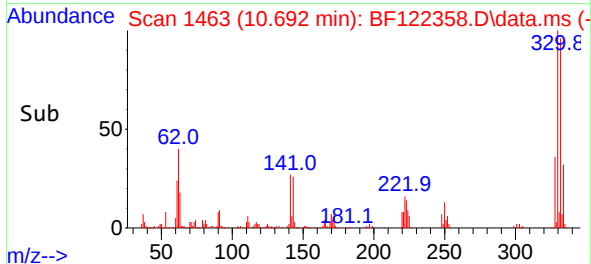
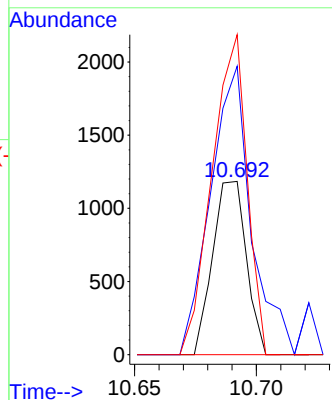
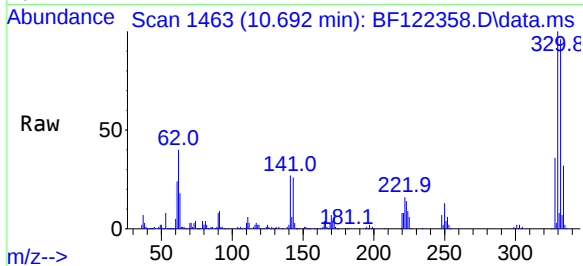




#65
4,6-Dinitro-2-methylphenol
Concen: 6.51 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

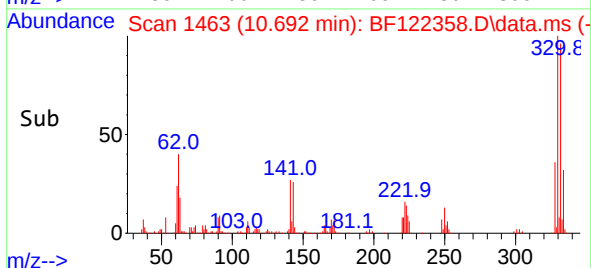
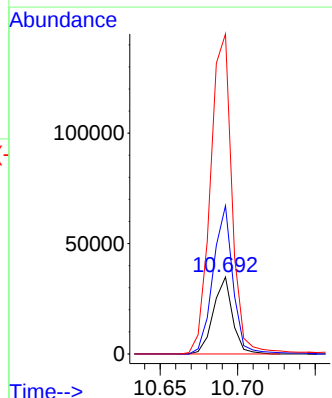
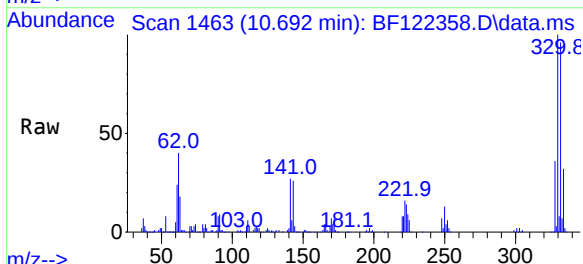
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-0-1

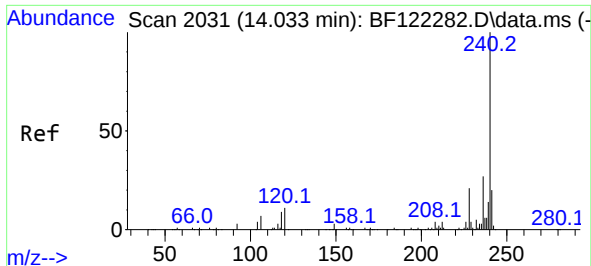
Tgt Ion:	198	Resp:	1138
Ion	Ratio	Lower	Upper
198	100		
51	166.6	29.6	69.6#
105	184.7	24.4	64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion:	248	Resp:	29821
Ion	Ratio	Lower	Upper
248	100		
250	192.5	77.0	115.6#
141	415.7	53.7	80.5#

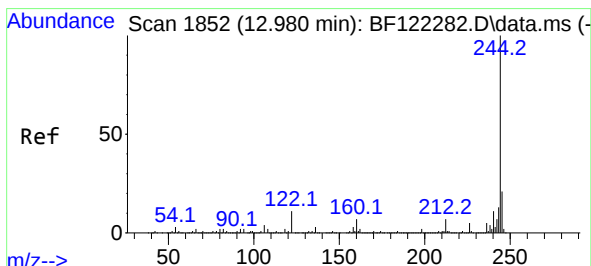
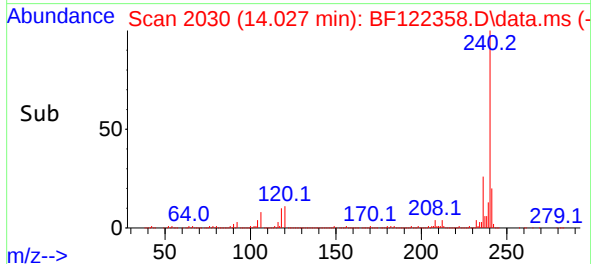
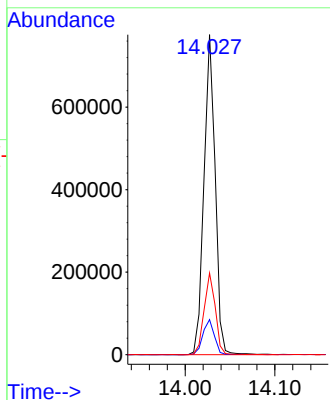
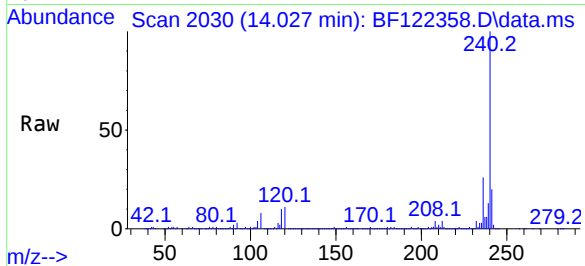




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

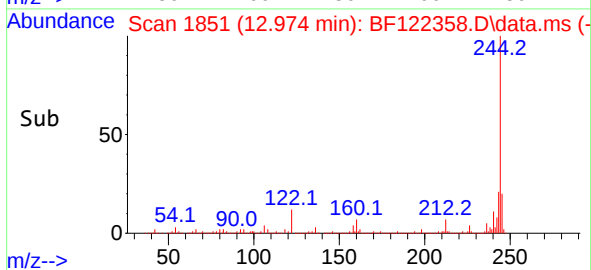
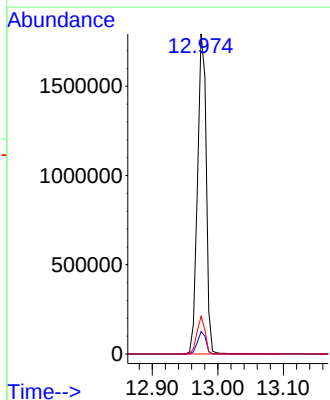
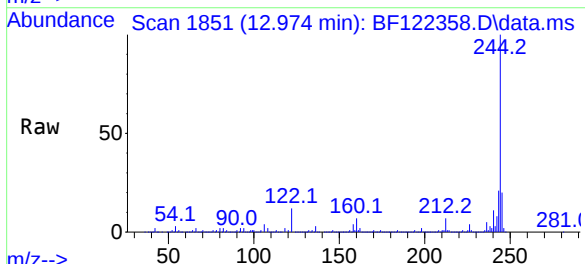
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-0-1

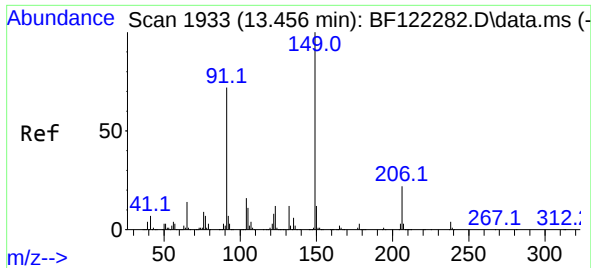
Tgt Ion:240 Resp: 672574
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 52.43 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Tgt Ion:244 Resp: 1664652
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.8 8.1 12.1

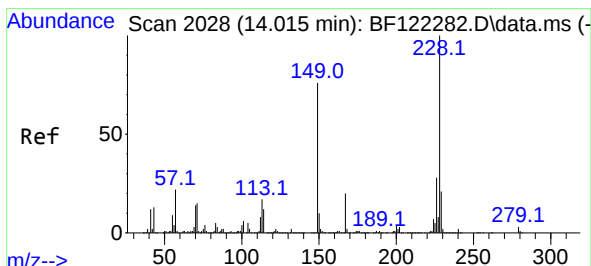
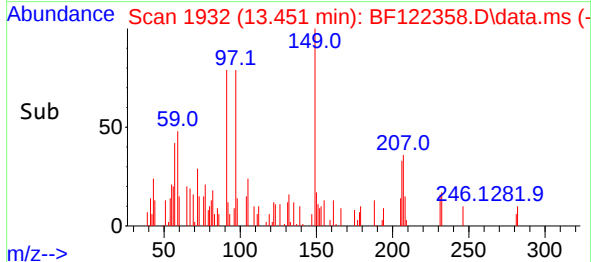
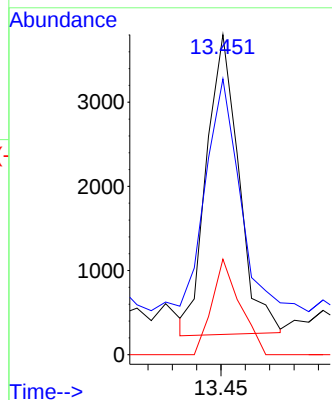
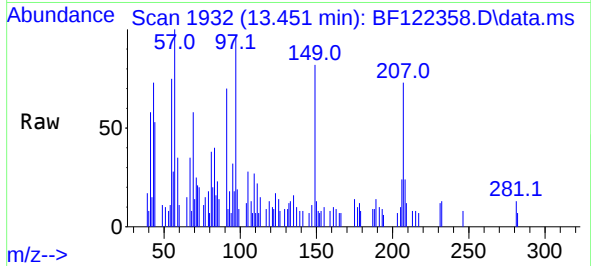




#80
Butylbenzylphthalate
Concen: 3.45 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

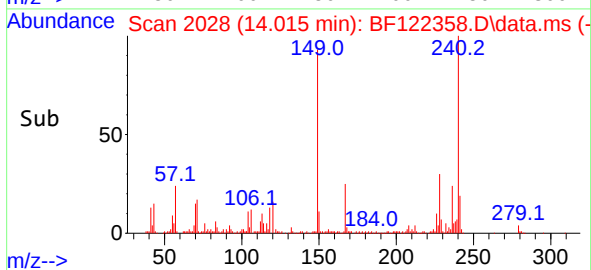
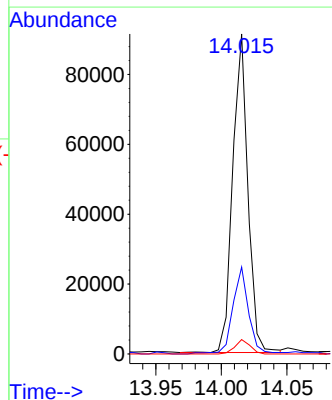
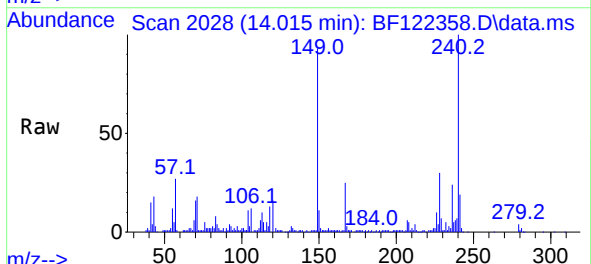
Instrument :
BNA_F
ClientSampleId :
CD-BH-01-0-1

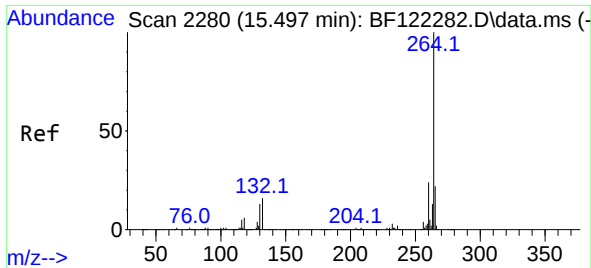
Tgt Ion:	149	Resp:	3289
Ion	Ratio	Lower	Upper
149	100		
91	86.2	61.0	91.4
206	29.8	16.7	25.1#



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.22 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

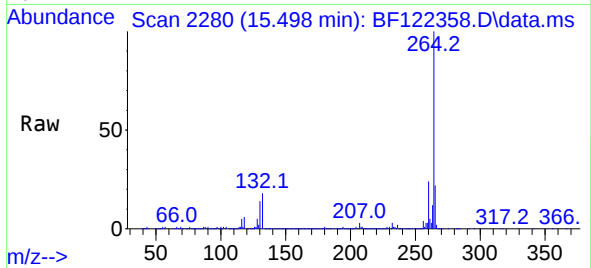
Tgt Ion:	149	Resp:	73314
Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.9	31.3
279	4.5	3.2	4.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF122358.D
Acq: 17 Nov 2020 21:29

Instrument :
BNA_F
ClientSampleId :
CD-BH-01-0-1



Tgt Ion:264 Resp: 700059
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.2 17.3 25.9

