

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122422.D
 Acq On : 21 Nov 2020 15:41
 Operator : JU/CG
 Sample : PB133139BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133139BL

Quant Time: Nov 23 00:59:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

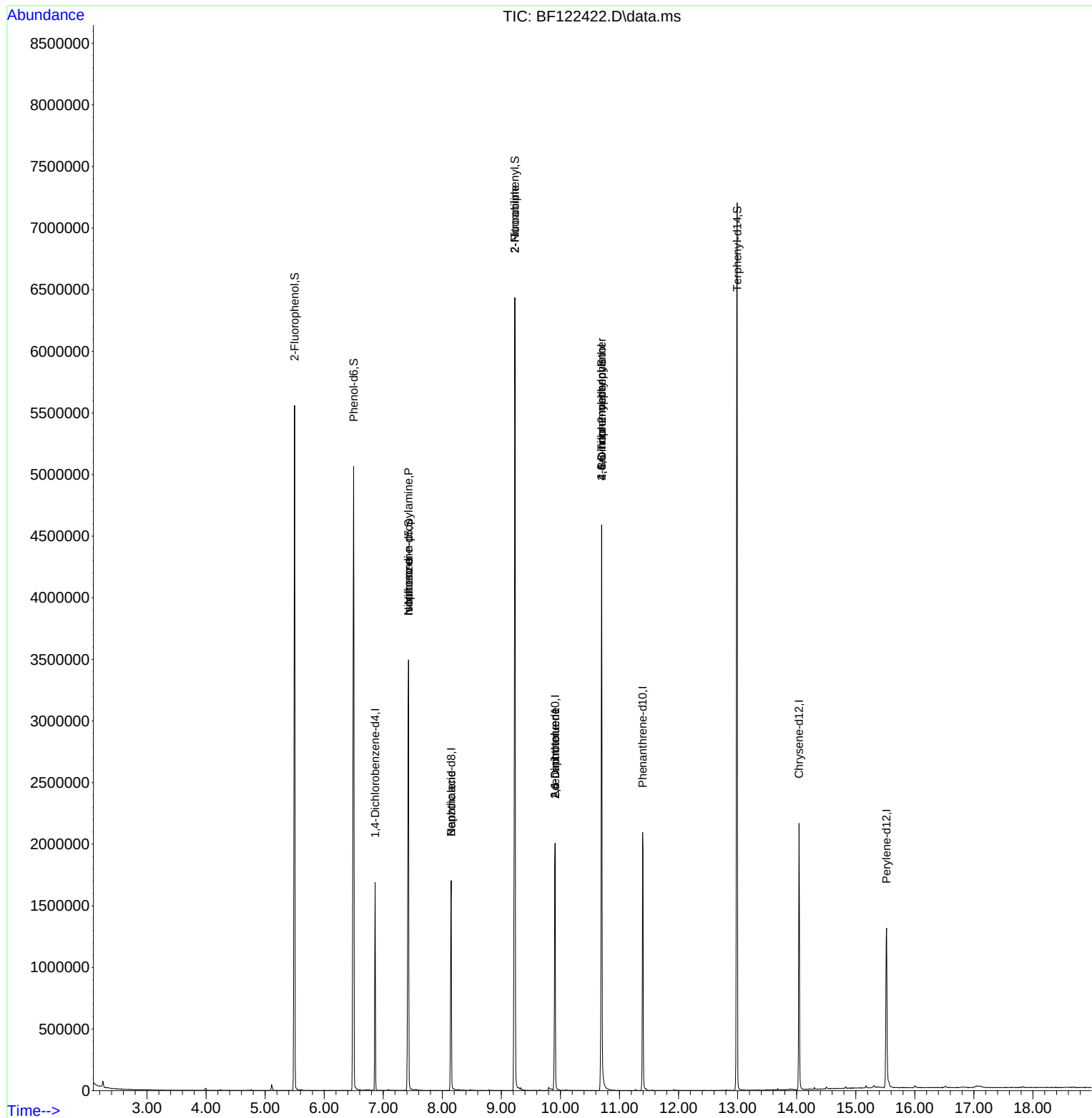
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	229777	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	899152	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	475666	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	873456	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	764148	20.00	ng	-0.01
86) Perylene-d12	15.521	264	718858	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1737175	116.09	ng	0.00
7) Phenol-d6	6.498	99	2191328	111.94	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1362092	92.74	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	678089	132.82	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2446762	80.37	ng	0.00
79) Terphenyl-d14	12.992	244	2600825	72.10	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	3510	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	183107	15.65	ng	# 74
25) Isophorone	7.428	82	1347014	41.14	ng	# 67
32) Benzoic acid	8.151	122	116	7.97	ng	# 1
48) 2-Nitroaniline	9.228	65	3767	5.54	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	60694	11.24	ng	# 20
57) 2,4-Dinitrotoluene	9.910	165	60694	10.49	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.698	198	1227	6.56	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	43645	4.25	ng	# 1

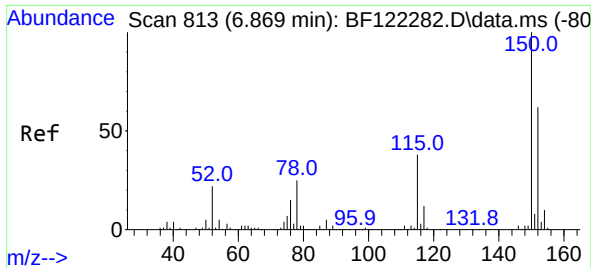
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
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ALS Vial : 3 Sample Multiplier: 1

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Response via : Initial Calibration

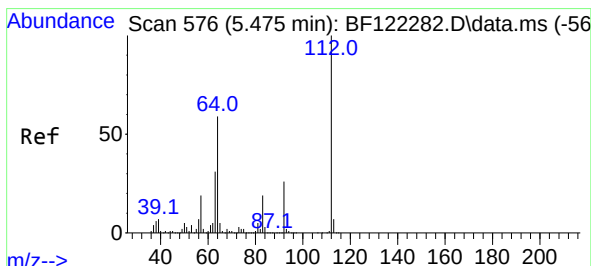
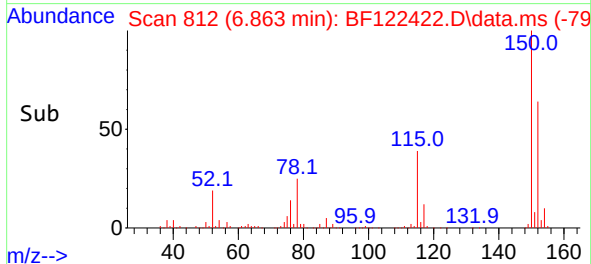
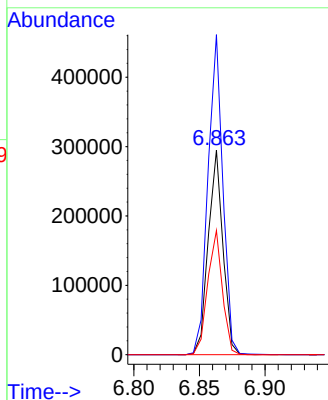
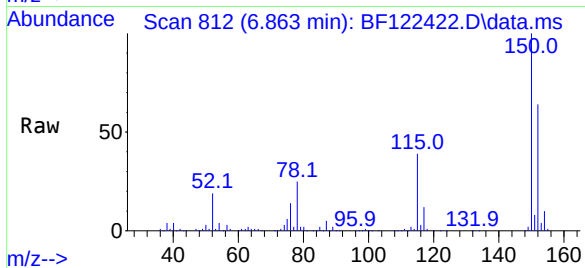




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

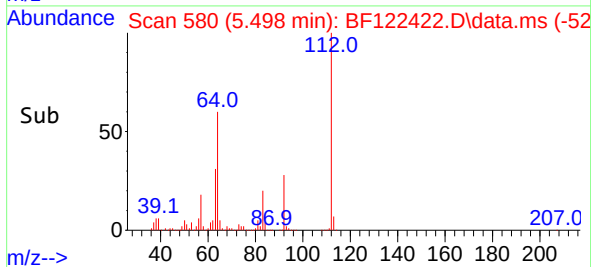
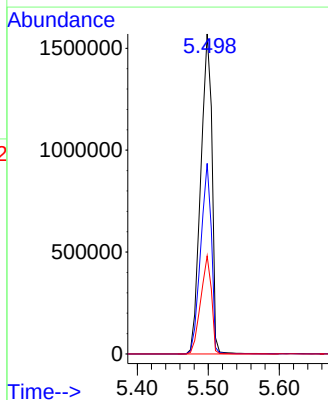
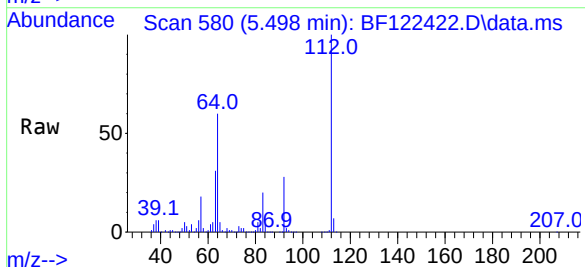
Instrument :
BNA_F
ClientSampleId :
PB133139BL

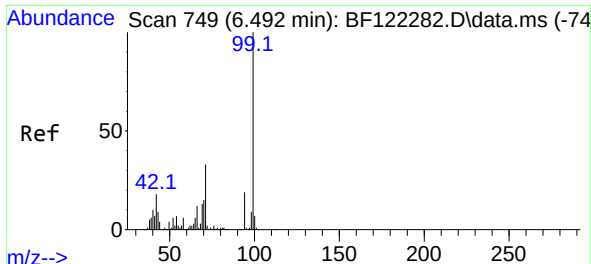
Tgt Ion:152 Resp: 229777
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 60.7 51.9 77.9



#5
2-Fluorophenol
Concen: 116.09 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion:112 Resp: 1737175
Ion Ratio Lower Upper
112 100
64 59.5 50.4 75.6
63 30.6 25.8 38.6

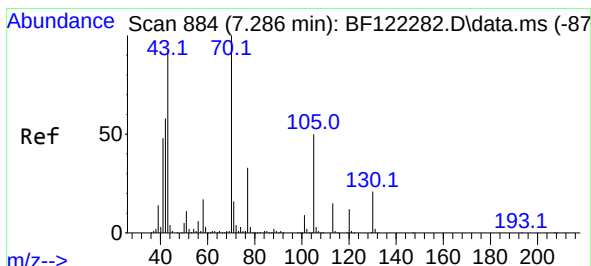
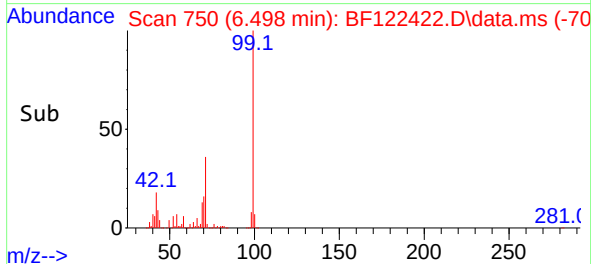
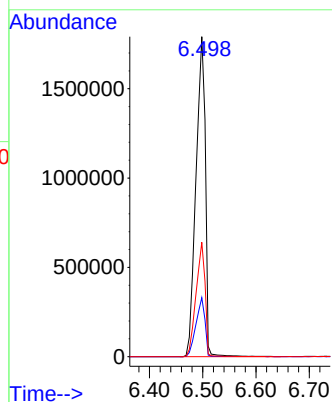
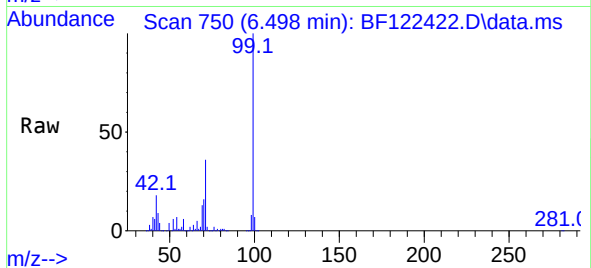




#7
Phenol-d6
Concen: 111.94 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

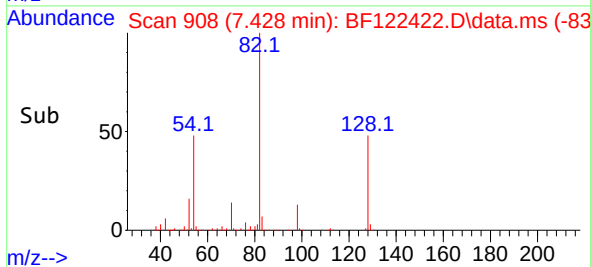
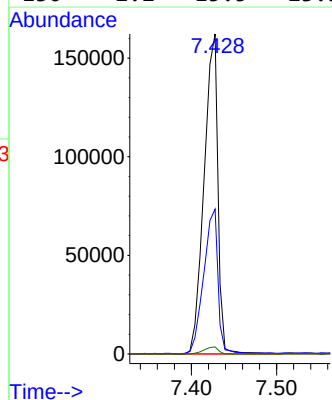
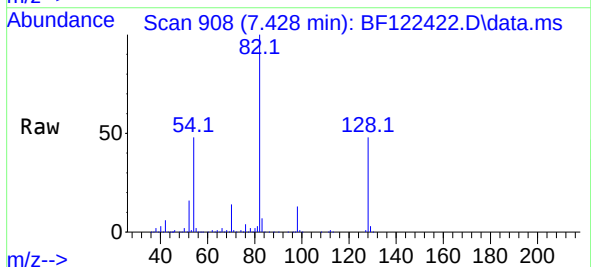
Instrument :
BNA_F
ClientSampleId :
PB133139BL

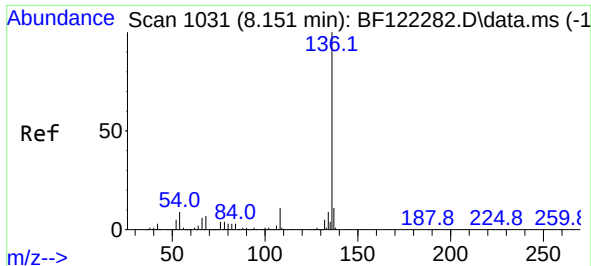
Tgt Ion: 99 Resp: 2191328
Ion Ratio Lower Upper
99 100
42 18.5 15.9 23.9
71 35.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.65 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion: 70 Resp: 183107
Ion Ratio Lower Upper
70 100
42 45.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



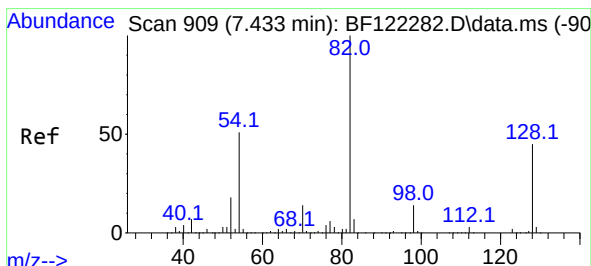
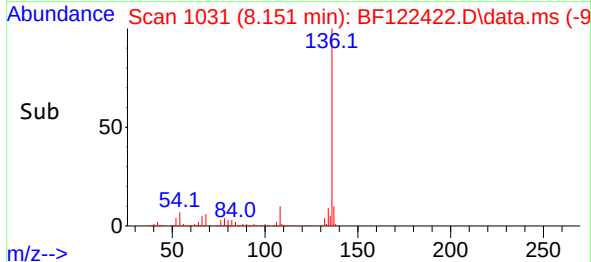
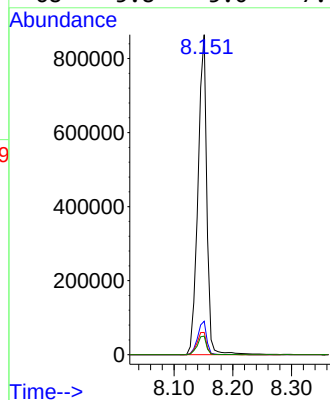
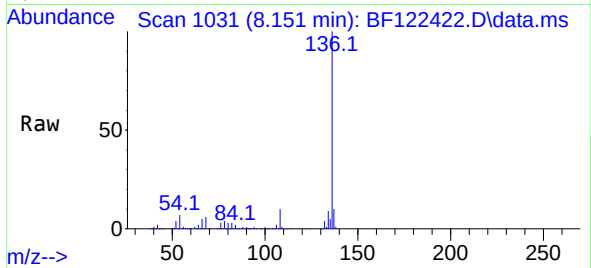


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Instrument :
BNA_F
ClientSampleId :
PB133139BL

Tgt Ion:136 Resp: 899152

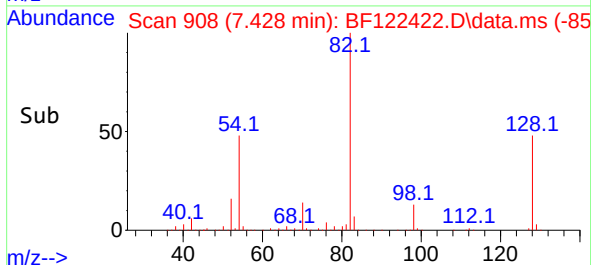
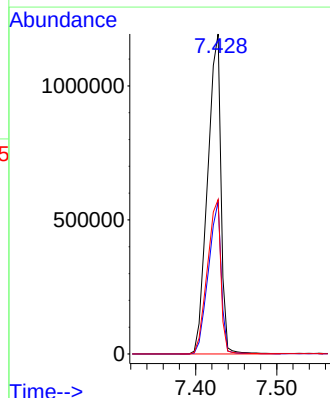
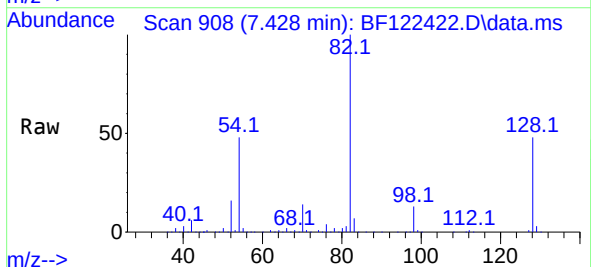
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.0	7.1	10.7#
68	5.8	5.0	7.4

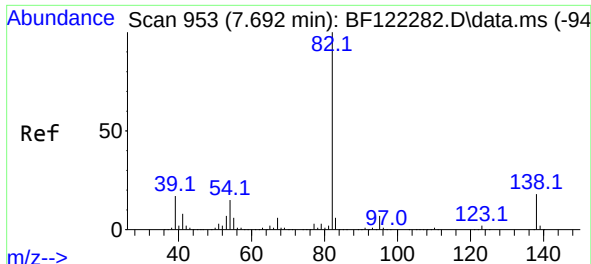


#23
Nitrobenzene-d5
Concen: 92.74 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion: 82 Resp: 1362092

Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.0	52.4
54	48.2	43.9	65.9

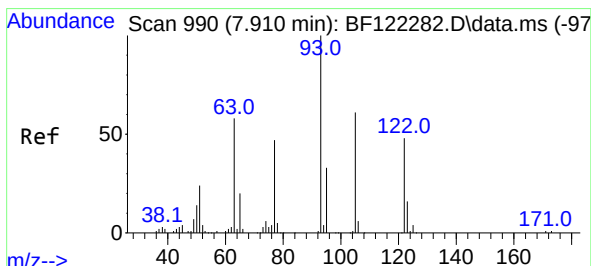
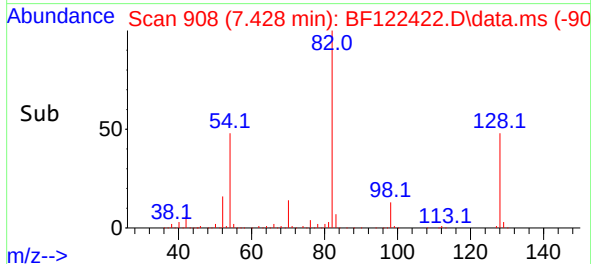
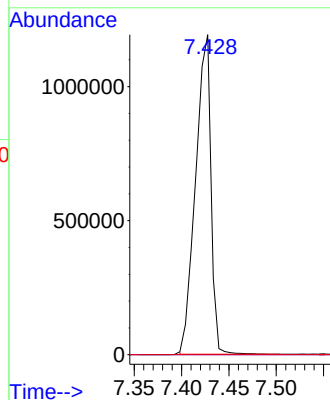
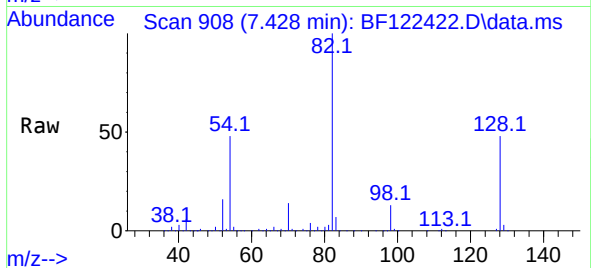




#25
Isophorone
Concen: 41.14 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

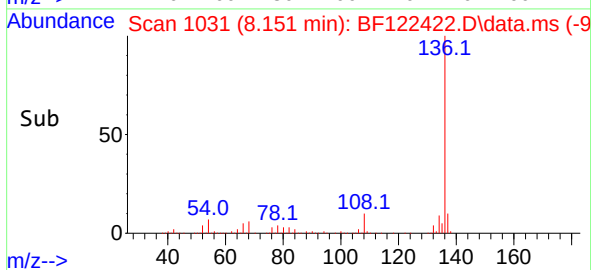
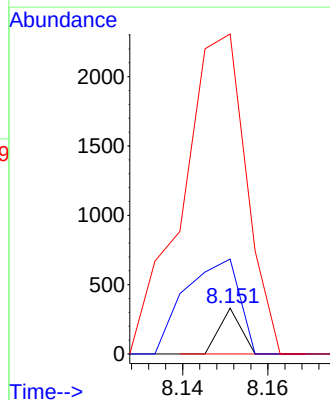
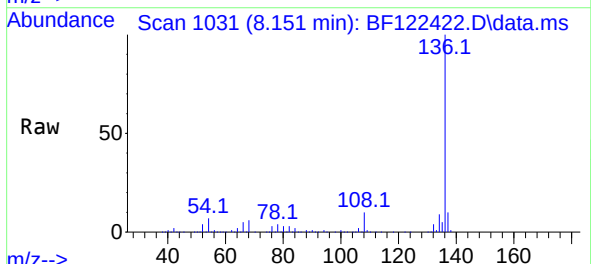
Instrument :
BNA_F
ClientSampleId :
PB133139BL

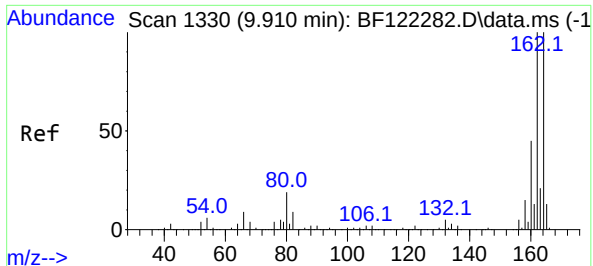
Tgt Ion: 82 Resp: 1347014
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.212 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion:122 Resp: 116
Ion Ratio Lower Upper
122 100
105 207.6 103.3 143.3#
77 699.4 73.9 113.9#

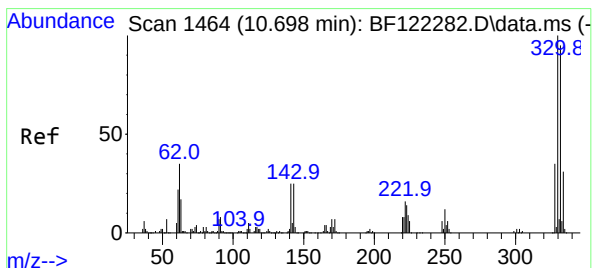
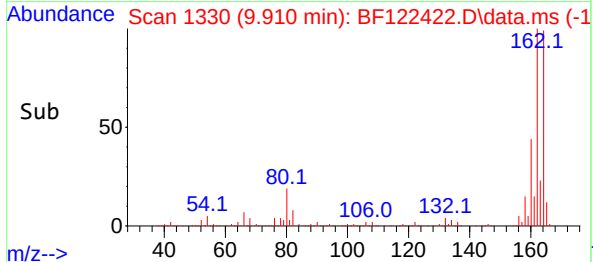
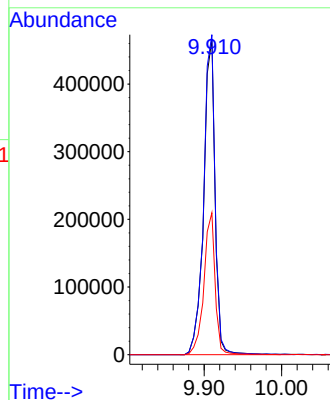
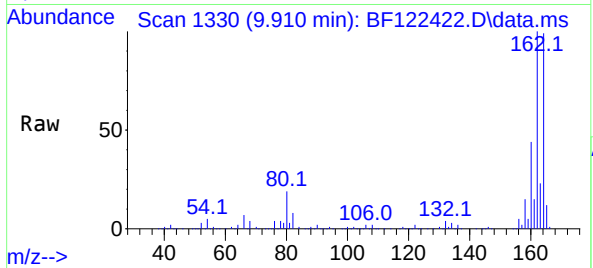




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

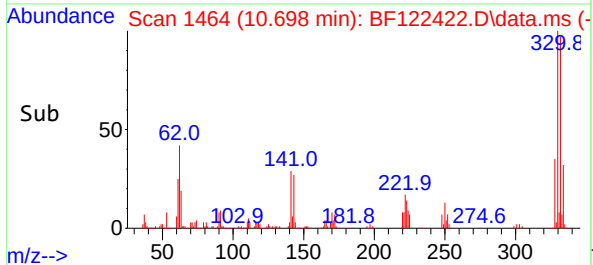
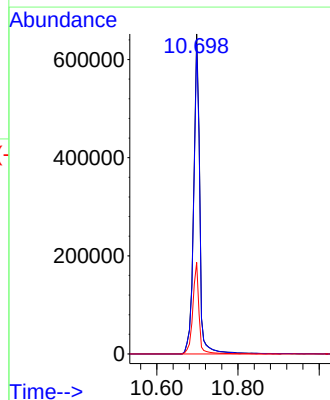
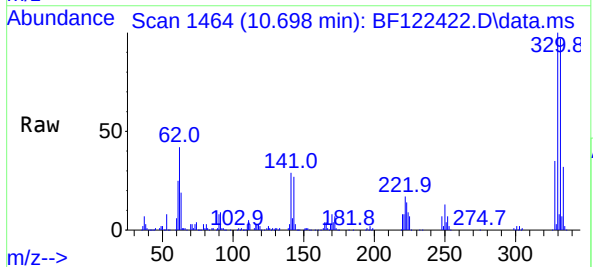
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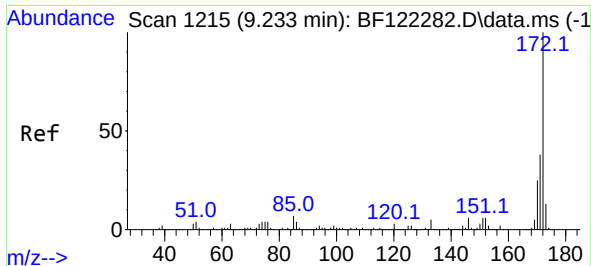
Tgt Ion:164 Resp: 475666
Ion Ratio Lower Upper
164 100
162 101.4 83.2 124.8
160 45.0 37.5 56.3



#42
2,4,6-Tribromophenol
Concen: 132.82 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion:330 Resp: 678089
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 28.8 22.3 33.5

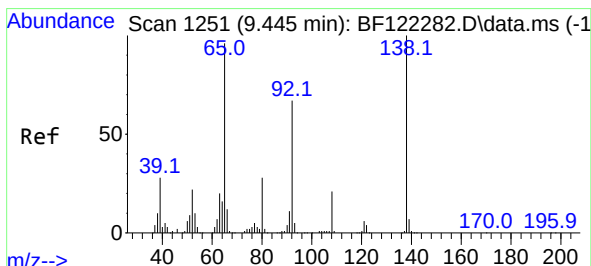
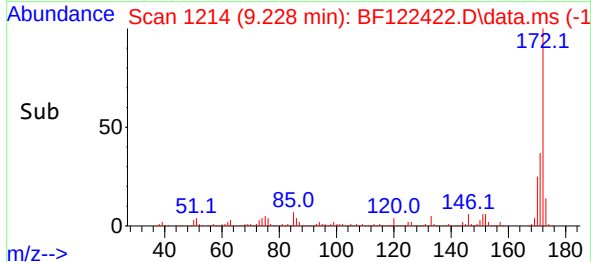
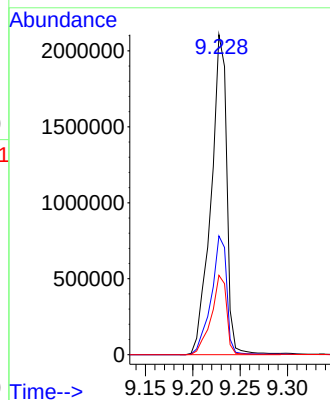
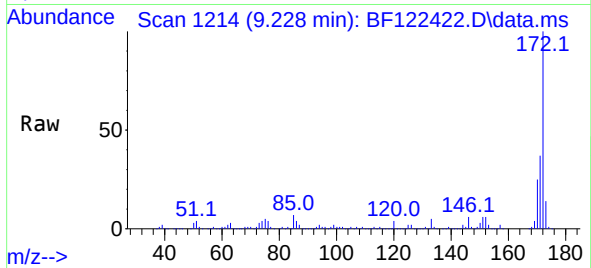




#45
2-Fluorobiphenyl
Concen: 80.37 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

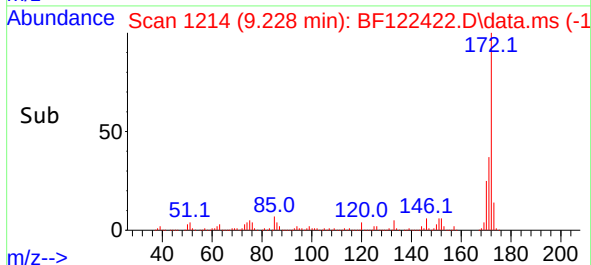
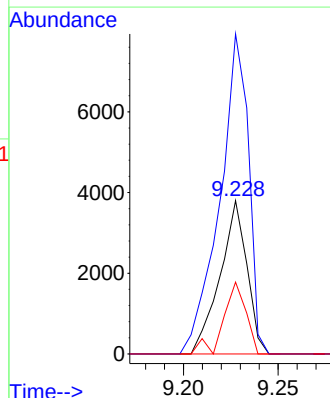
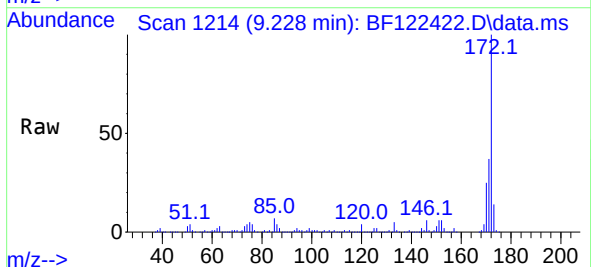
Instrument :
BNA_F
ClientSampleId :
PB133139BL

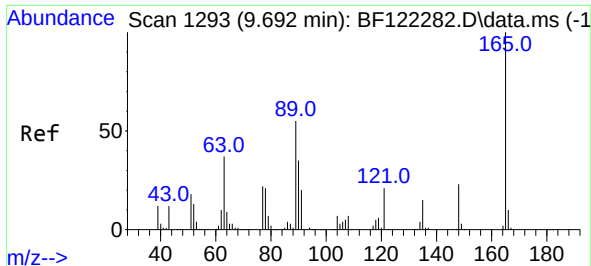
Tgt Ion:172 Resp: 2446762
Ion Ratio Lower Upper
172 100
171 37.1 29.1 43.7
170 24.8 19.8 29.6



#48
2-Nitroaniline
Concen: 5.54 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.230 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion: 65 Resp: 3767
Ion Ratio Lower Upper
65 100
92 208.8 55.1 82.7#
138 46.9 80.5 120.7#

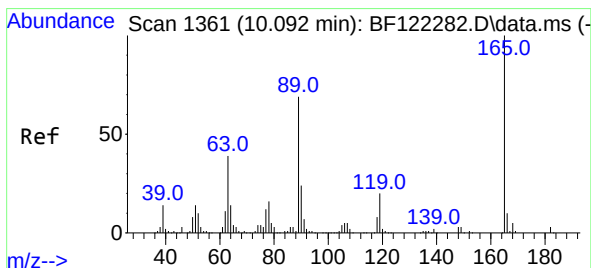
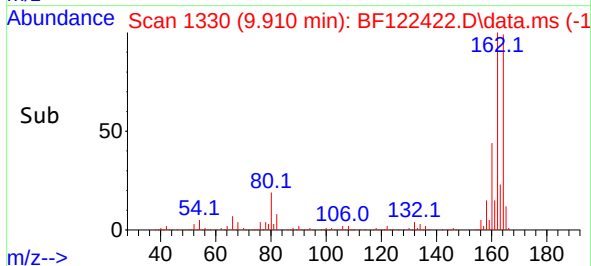
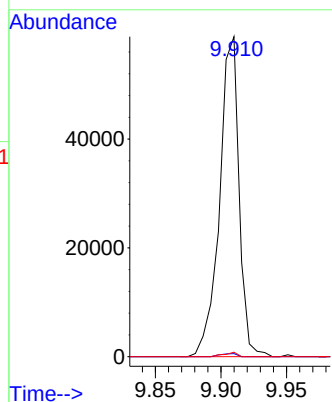
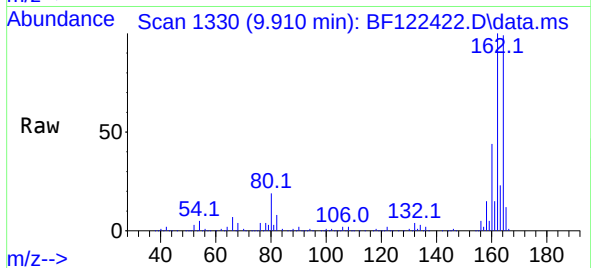




#51
2,6-Dinitrotoluene
Concen: 11.24 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

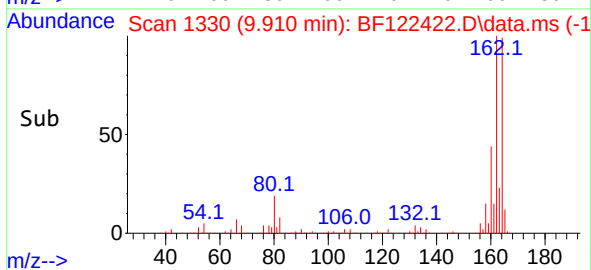
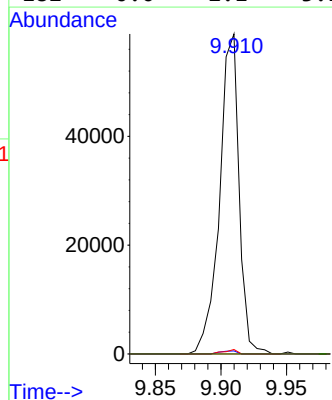
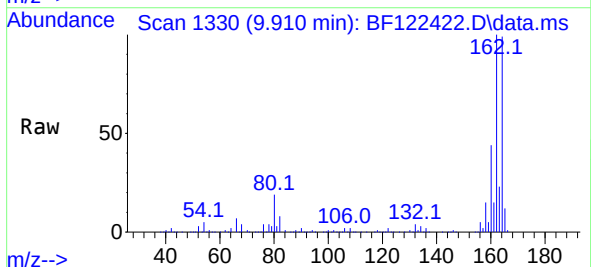
Instrument :
BNA_F
ClientSampleId :
PB133139BL

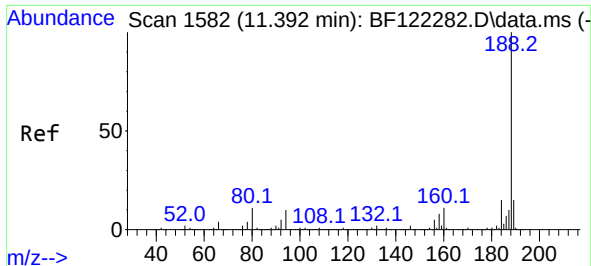
Tgt Ion:165 Resp: 60694
Ion Ratio Lower Upper
165 100
63 1.0 51.8 77.6#
89 1.4 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.49 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion:165 Resp: 60694
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 1.4 61.8 92.8#
182 0.0 2.1 3.1#

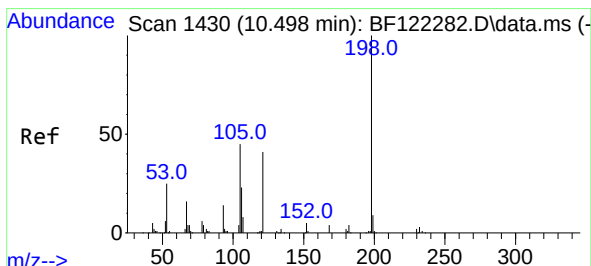
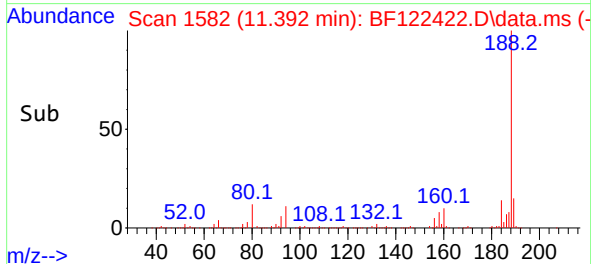
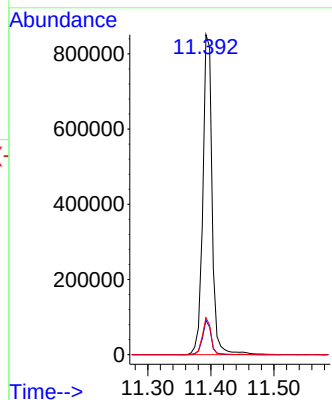
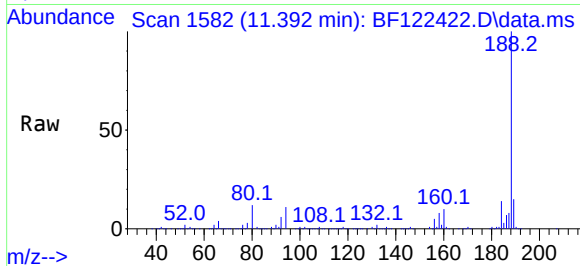




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

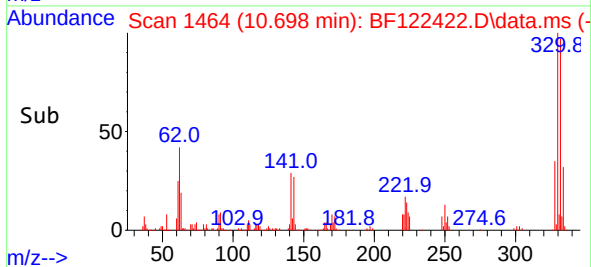
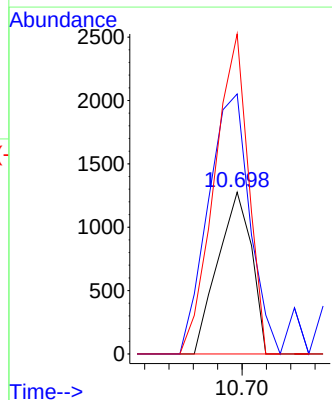
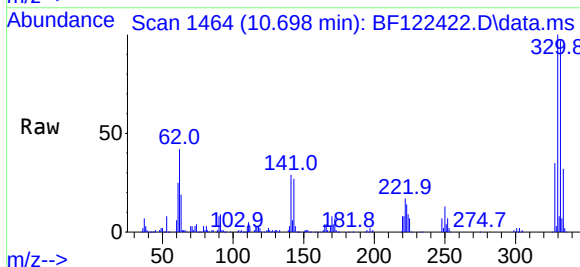
Instrument :
BNA_F
ClientSampleId :
PB133139BL

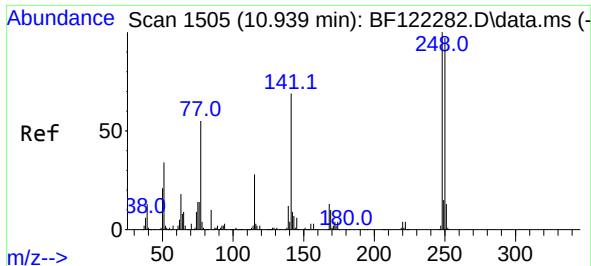
Tgt Ion:188 Resp: 873456
Ion Ratio Lower Upper
188 100
94 10.7 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.56 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion:198 Resp: 1227
Ion Ratio Lower Upper
198 100
51 160.7 29.6 69.6#
105 197.9 24.4 64.4#

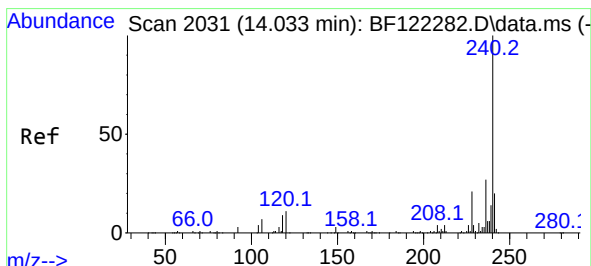
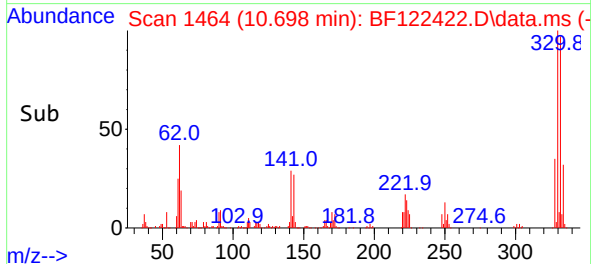
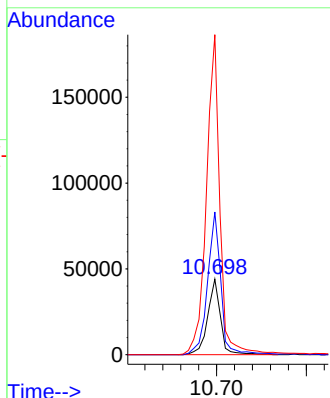
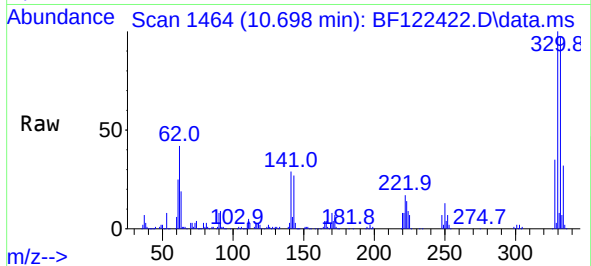




#67
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

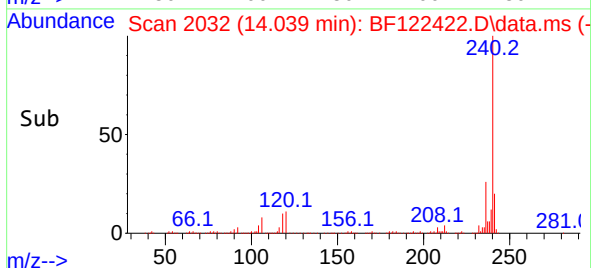
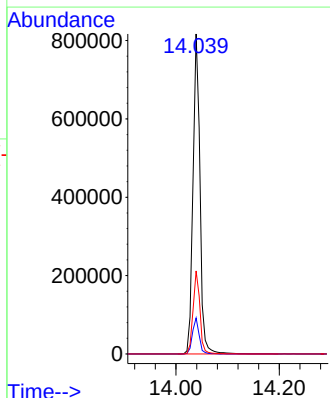
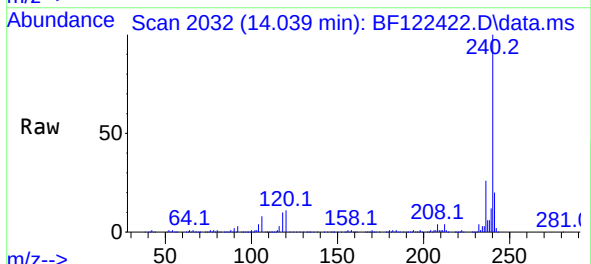
Instrument :
BNA_F
ClientSampleId :
PB133139BL

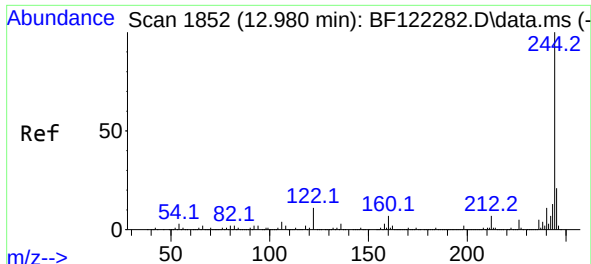
Tgt Ion:248 Resp: 43645
Ion Ratio Lower Upper
248 100
250 189.1 77.0 115.6#
141 423.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

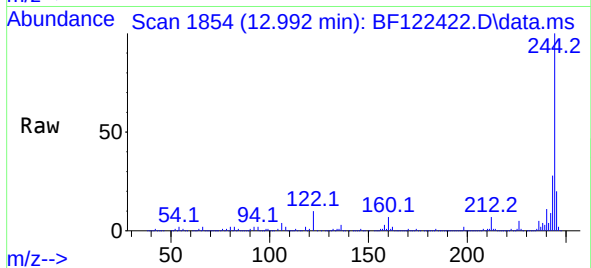
Tgt Ion:240 Resp: 764148
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.9 20.9 31.3



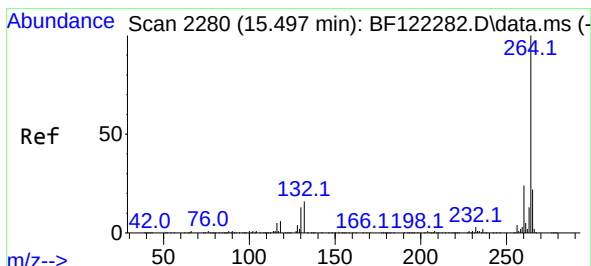
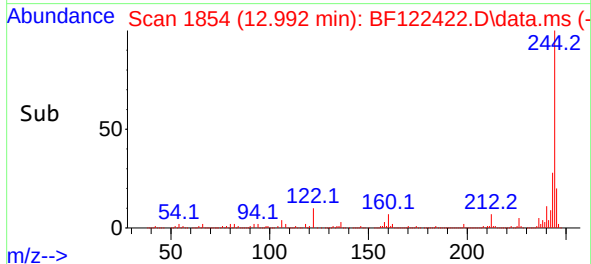
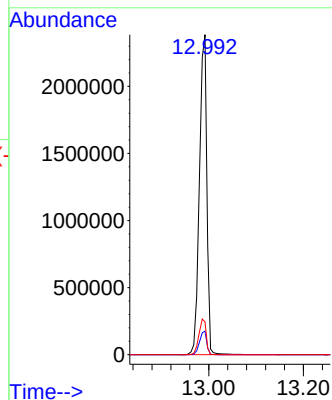


#79
Terphenyl-d14
Concen: 72.10 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Instrument :
BNA_F
ClientSampleId :
PB133139BL



Tgt Ion:244 Resp: 2600825
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.2
122 10.3 8.1 12.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122422.D
Acq: 21 Nov 2020 15:41

Tgt Ion:264 Resp: 718858
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.0 17.3 25.9

