

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
 Data File : BF122290.D
 Acq On : 10 Nov 2020 10:33
 Operator : JU/CG
 Sample : PB132380BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132380BL

Quant Time: Nov 10 12:39:26 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)

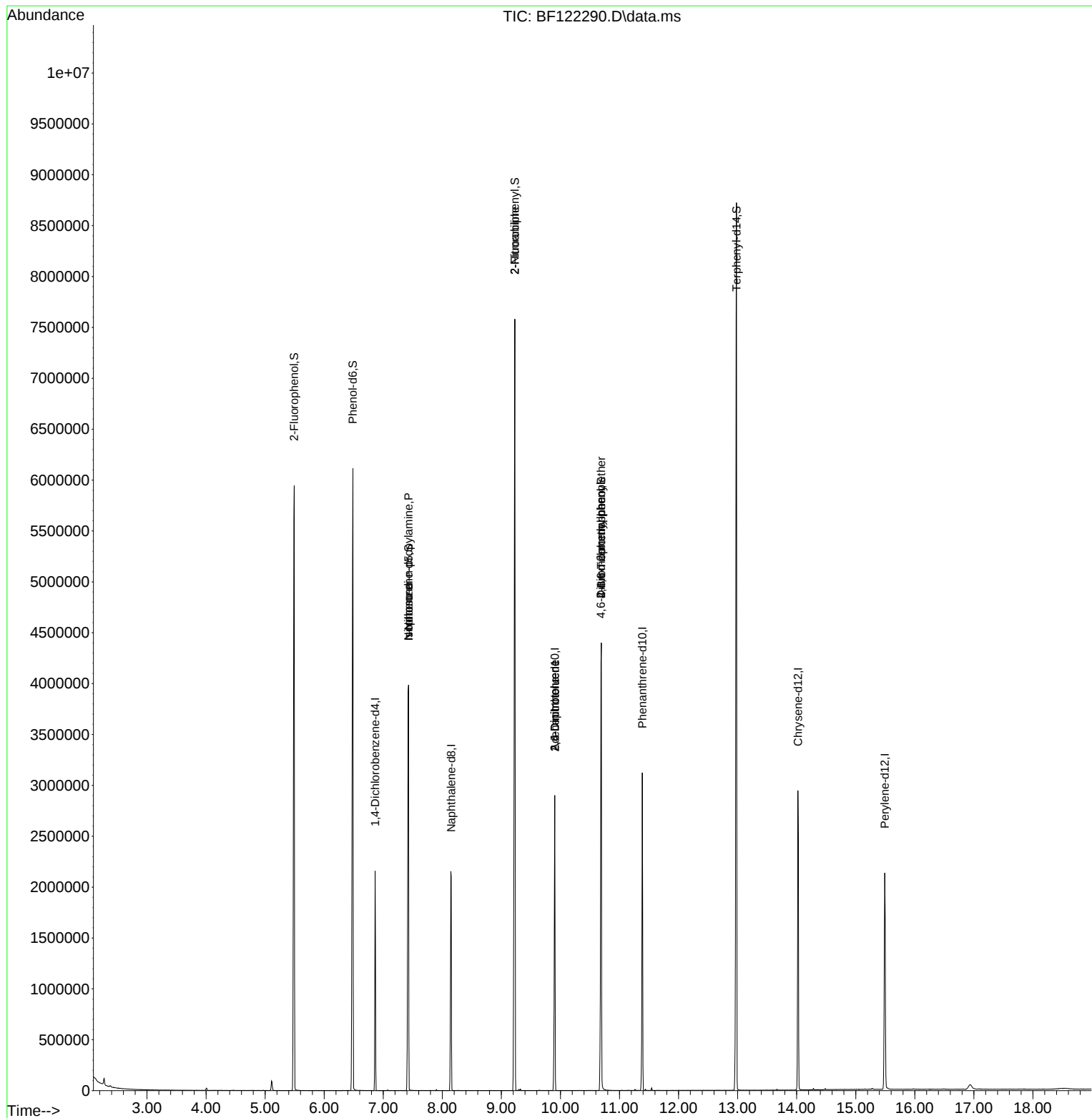
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	281528	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1110706	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	588471	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	1084868	20.00	ng	0.00
76) Chrysene-d12	14.021	240	984810	20.00	ng	-0.01
86) Perylene-d12	15.492	264	971876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1868759	101.93	ng	0.02
7) Phenol-d6	6.486	99	2357237	98.28	ng	0.00
23) Nitrobenzene-d5	7.428	82	1545996	85.21	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	603834	95.60	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2771809	73.59	ng	0.00
79) Terphenyl-d14	12.980	244	2995851	64.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	4046	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	210626	14.69	ng	# 76
25) Isophorone	7.428	82	1493641	36.93	ng	# 67
48) 2-Nitroaniline	9.227	65	4647	5.54	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	76869	11.42	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	76869	10.63	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	1338	6.51	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	40378	3.17	ng	# 1

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

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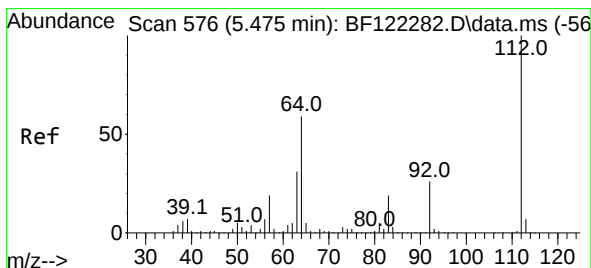
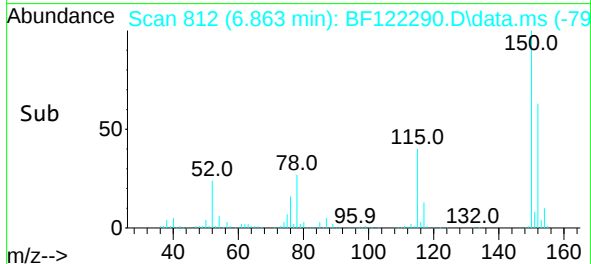
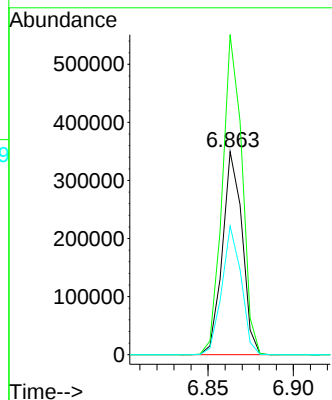
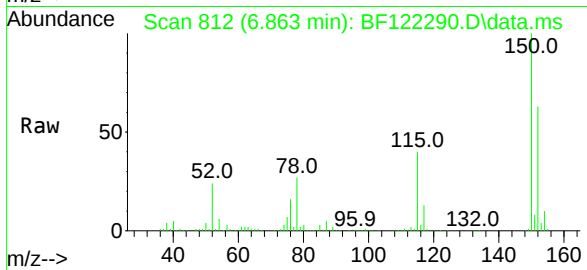




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

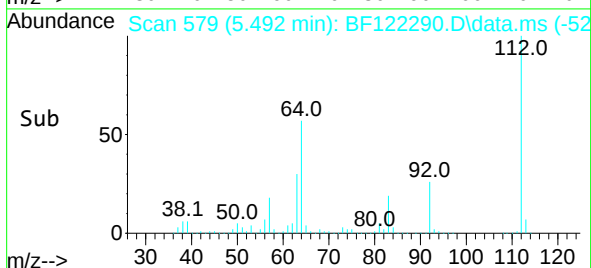
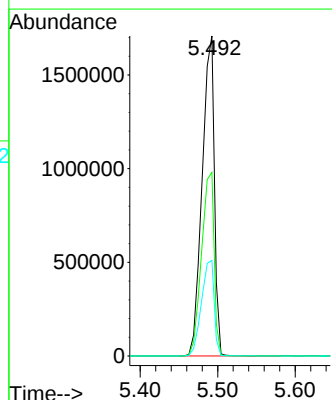
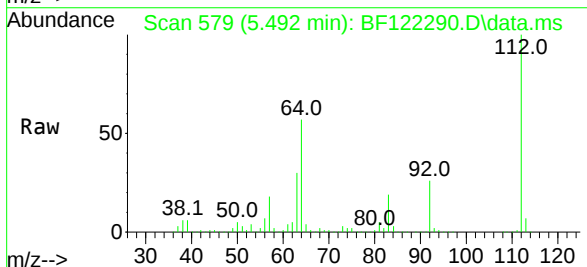
Instrument :
BNA_F
ClientSampleId :
PB132380BL

Tgt Ion:152 Resp: 281528
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 101.93 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion:112 Resp: 1868759
Ion Ratio Lower Upper
112 100
64 57.4 50.4 75.6
63 29.9 25.8 38.6

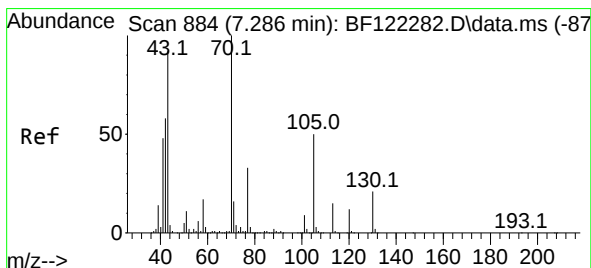
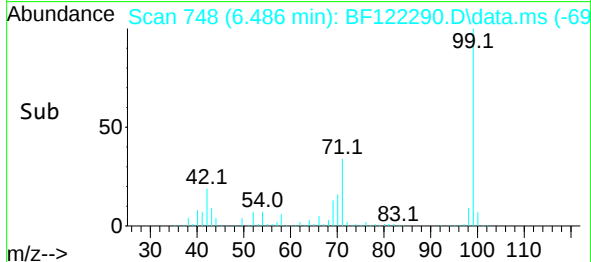
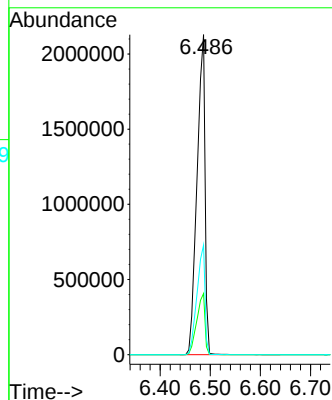
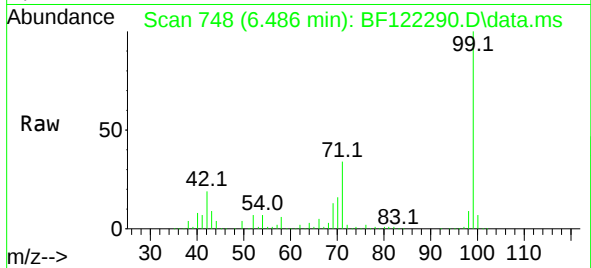




#7
Phenol-d6
Concen: 98.28 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

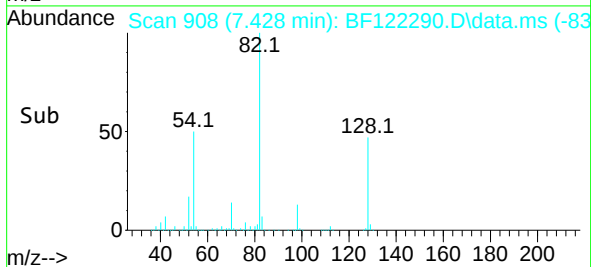
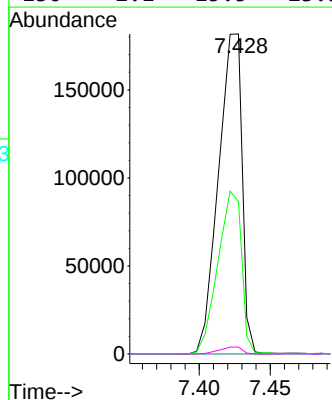
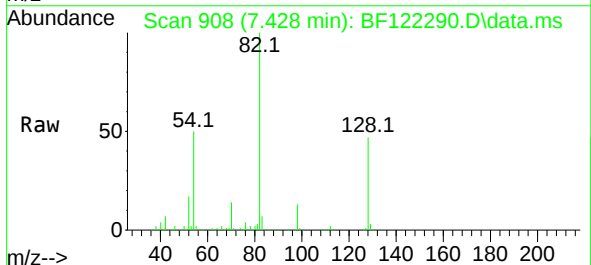
Instrument :
BNA_F
ClientSampleId :
PB132380BL

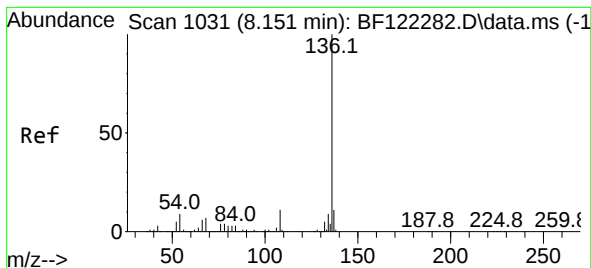
Tgt Ion: 99 Resp: 2357237
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 34.3 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.69 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion: 70 Resp: 210626
Ion Ratio Lower Upper
70 100
42 47.7 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



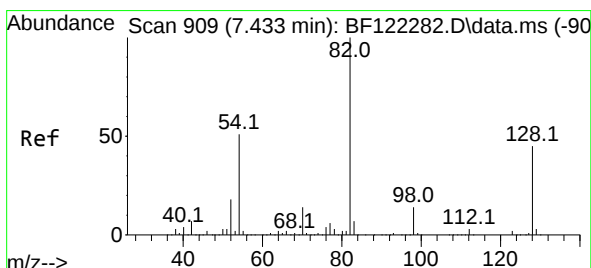
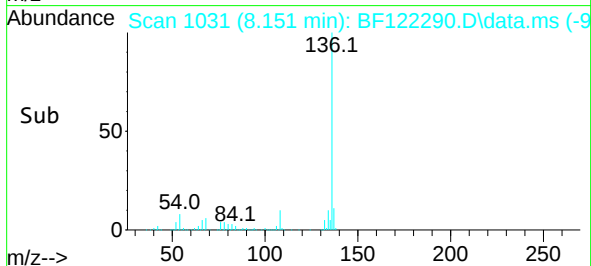
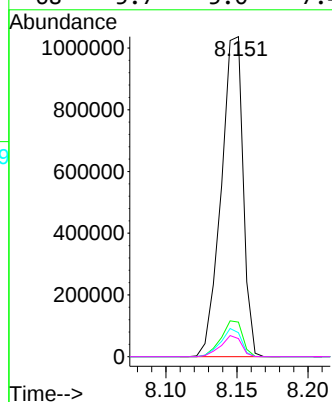
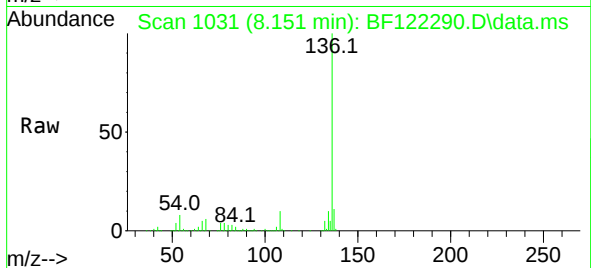


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Instrument :
BNA_F
ClientSampleId :
PB132380BL

Tgt Ion:136 Resp: 1110706

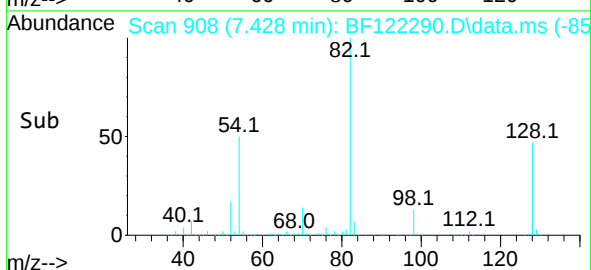
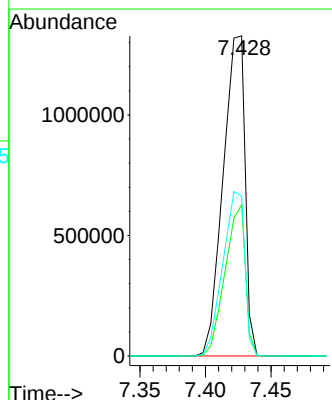
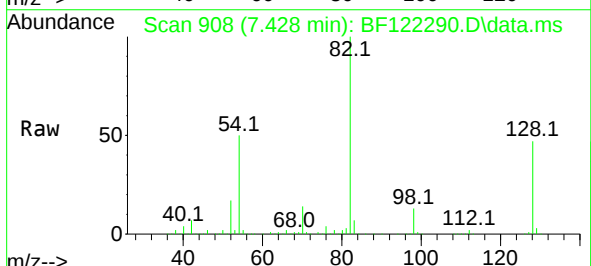
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.5	7.1	10.7
68	5.7	5.0	7.4

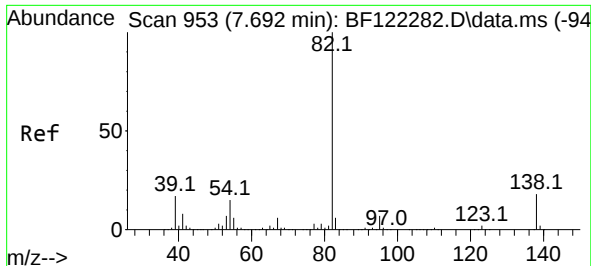


#23
Nitrobenzene-d5
Concen: 85.21 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion: 82 Resp: 1545996

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.0	52.4
54	50.0	43.9	65.9

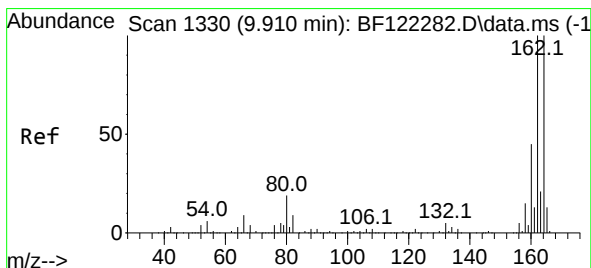
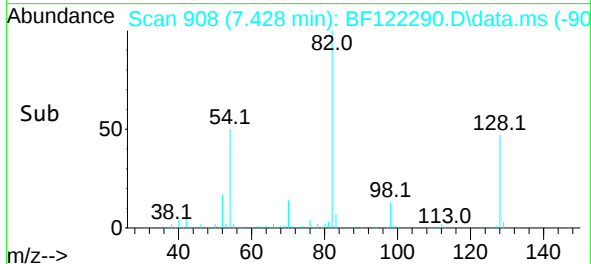
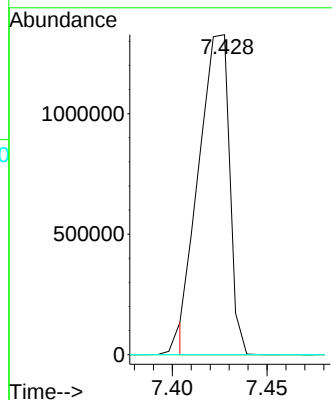
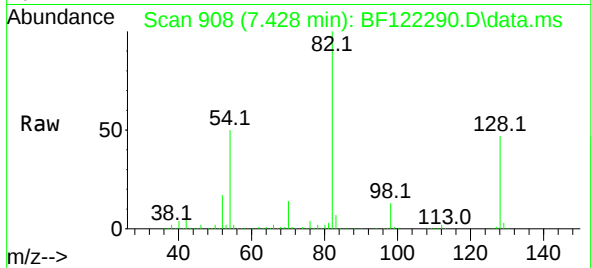




#25
Isophorone
Concen: 36.93 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

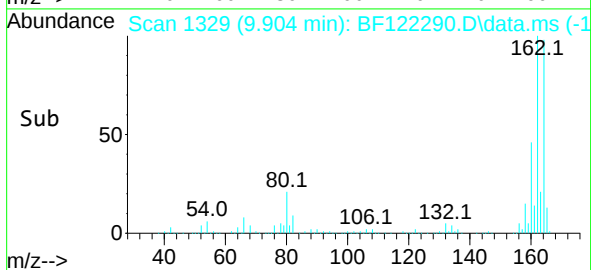
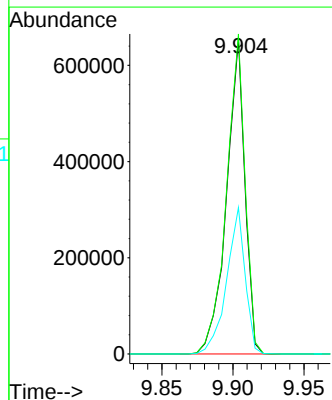
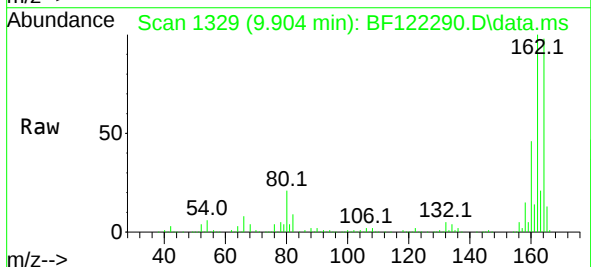
Instrument :
BNA_F
ClientSampleId :
PB132380BL

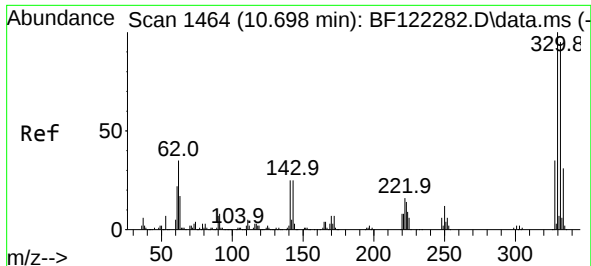
Tgt Ion: 82 Resp: 1493641
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion:164 Resp: 588471
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 46.5 37.5 56.3

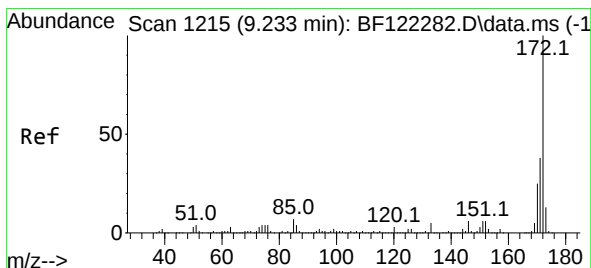
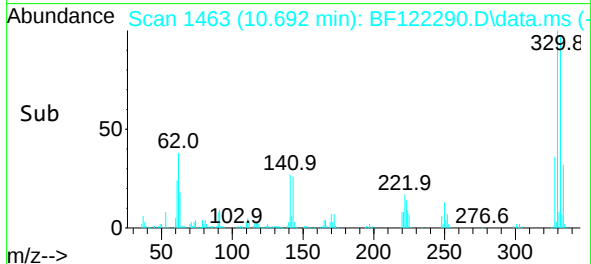
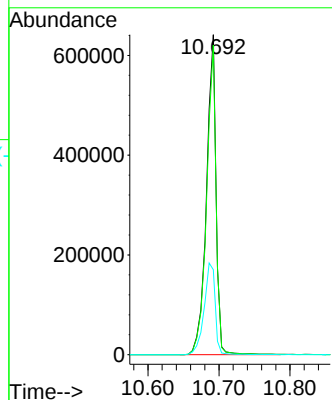
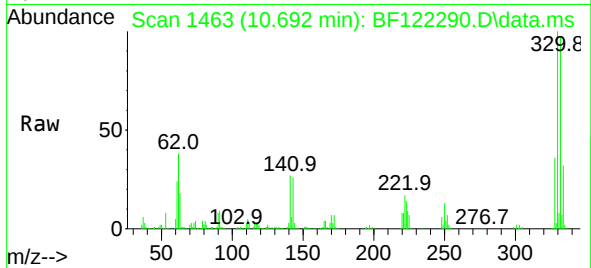




#42
2,4,6-Tribromophenol
Concen: 95.60 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

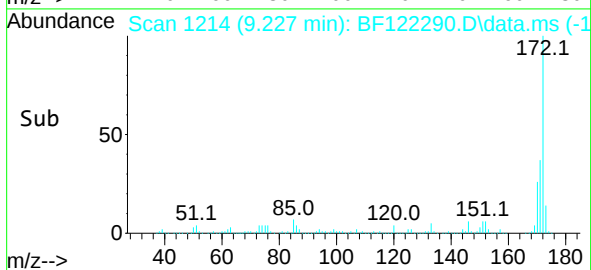
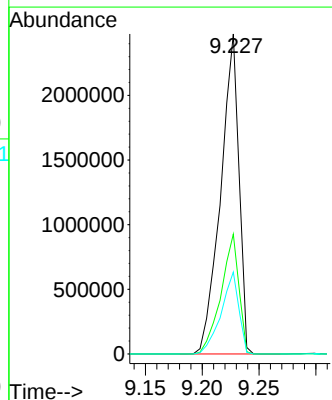
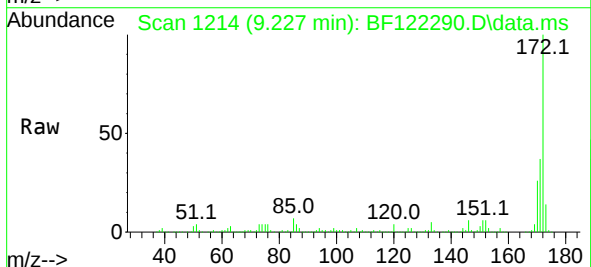
Instrument :
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ClientSampleId :
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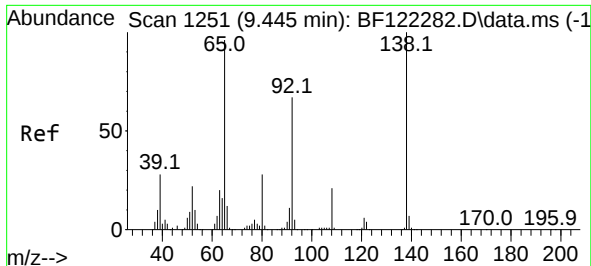
Tgt Ion: 330 Resp: 603834
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 33.1 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 73.59 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion: 172 Resp: 2771809
Ion Ratio Lower Upper
172 100
171 37.4 29.1 43.7
170 25.6 19.8 29.6

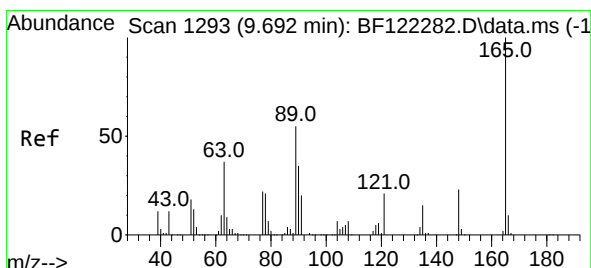
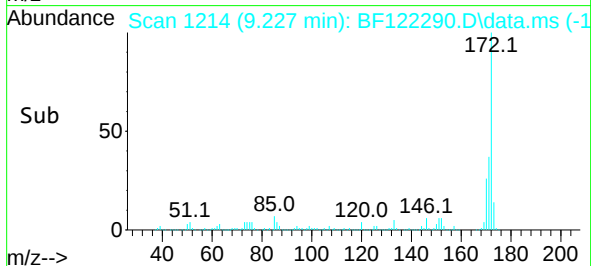
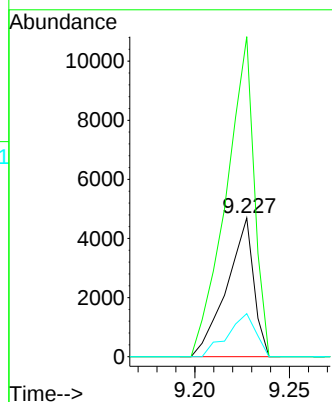
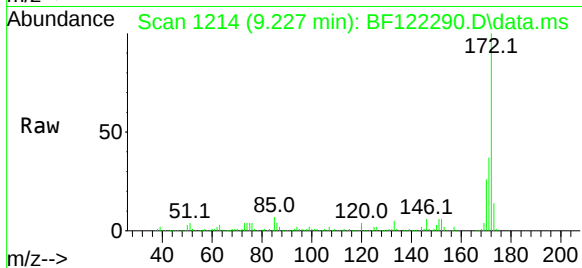




#48
2-Nitroaniline
Concen: 5.54 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.218 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

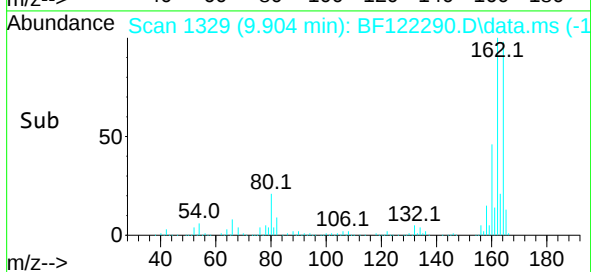
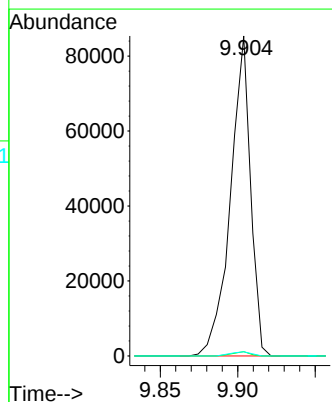
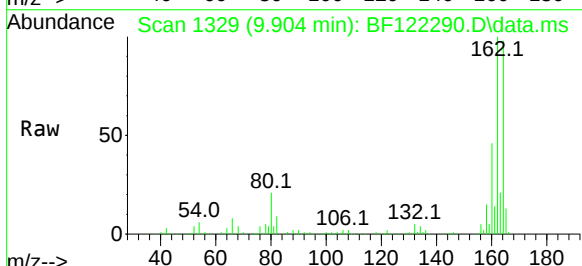
Instrument :
BNA_F
ClientSampled :
PB132380BL

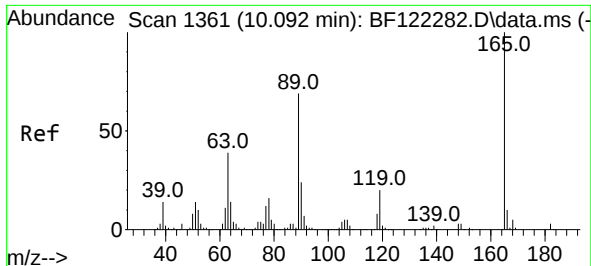
Tgt Ion: 65 Resp: 4647
Ion Ratio Lower Upper
65 100
92 230.8 55.1 82.7#
138 31.0 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.42 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

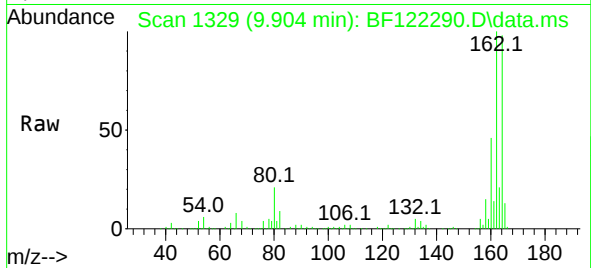
Tgt Ion:165 Resp: 76869
Ion Ratio Lower Upper
165 100
63 1.3 51.8 77.6#
89 1.3 49.0 73.6#



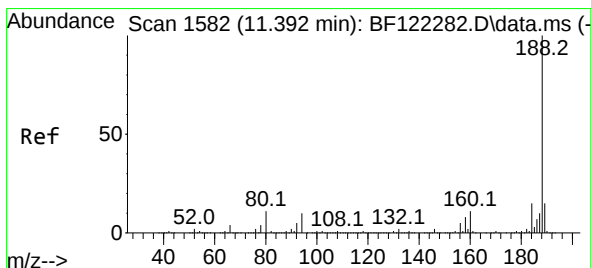
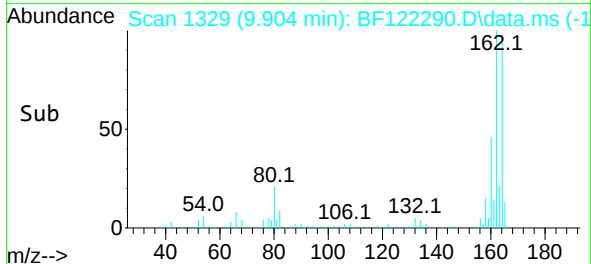
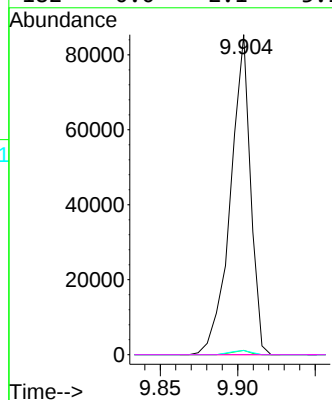


#57
2,4-Dinitrotoluene
Concen: 10.63 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Instrument :
BNA_F
ClientSampleId :
PB132380BL

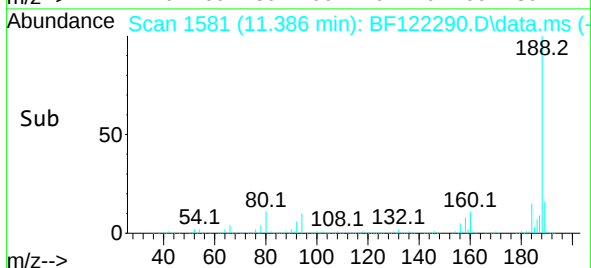
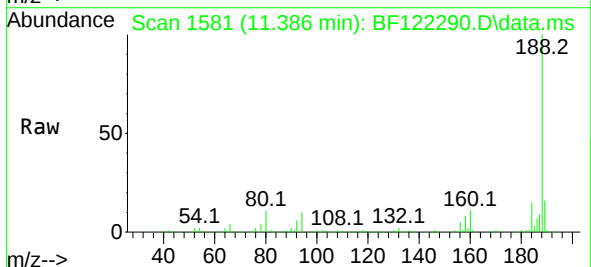
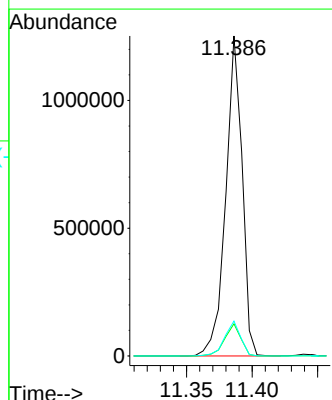


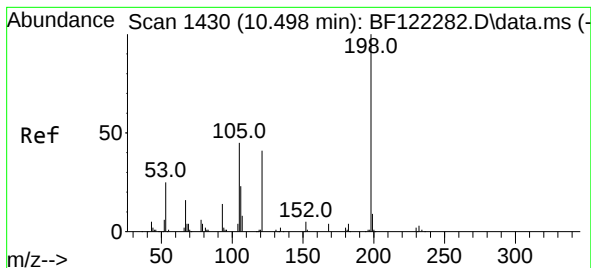
Tgt Ion:165 Resp: 76869
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.3 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion:188 Resp: 1084868
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.9 9.1 13.7

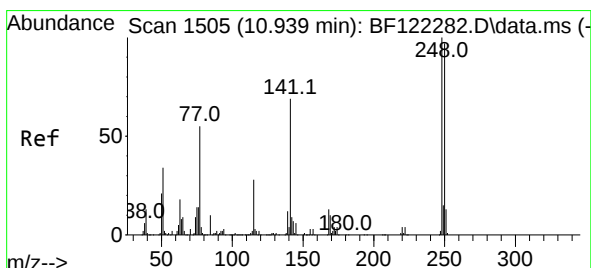
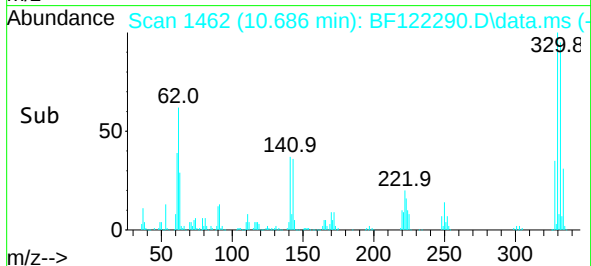
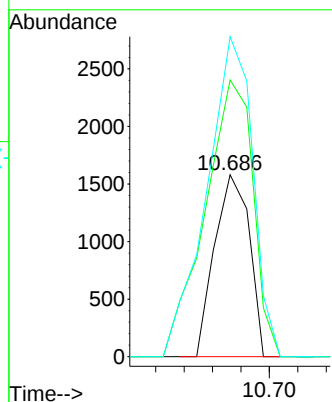
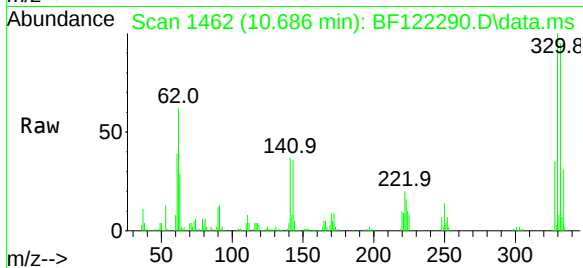




#65
4,6-Dinitro-2-methylphenol
Concen: 6.51 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

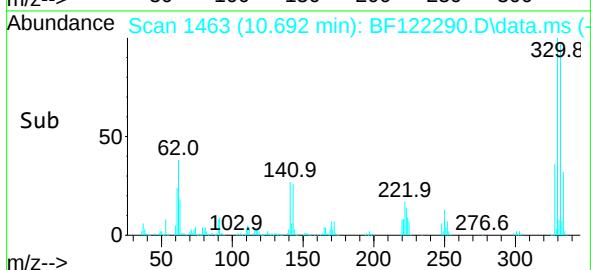
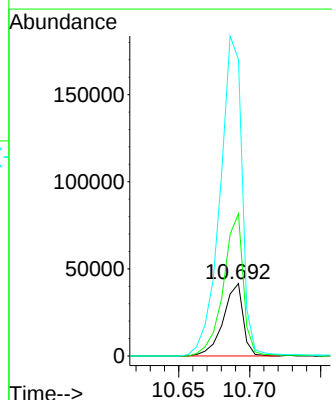
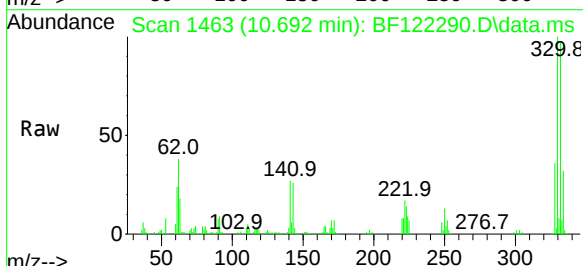
Instrument :
BNA_F
ClientSampleId :
PB132380BL

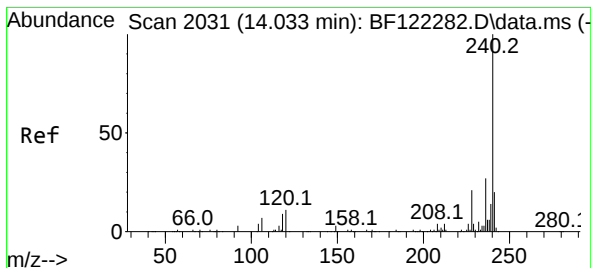
Tgt Ion:198 Resp: 1338
Ion Ratio Lower Upper
198 100
51 152.2 29.6 69.6#
105 175.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion:248 Resp: 40378
Ion Ratio Lower Upper
248 100
250 196.9 77.0 115.6#
141 410.3 53.7 80.5#

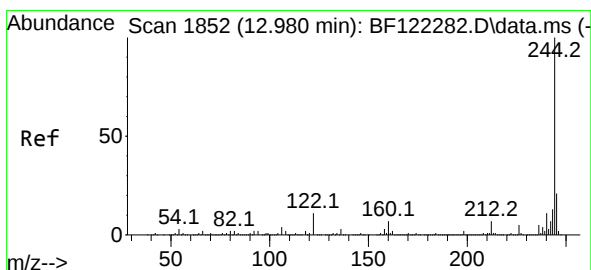
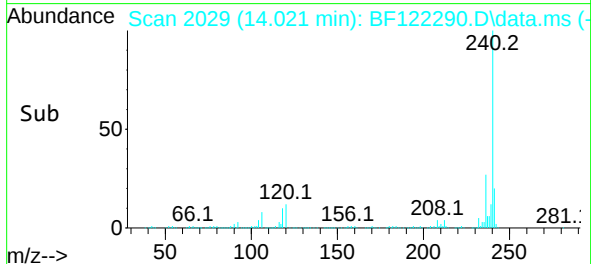
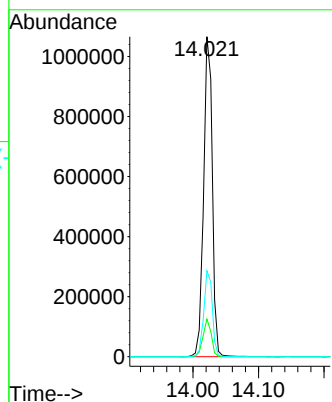
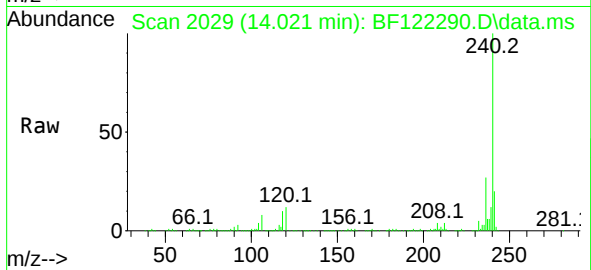




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

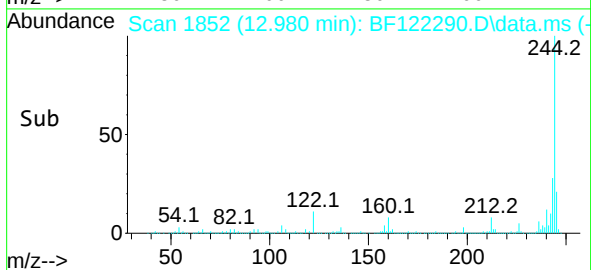
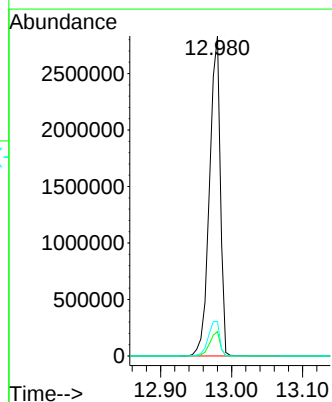
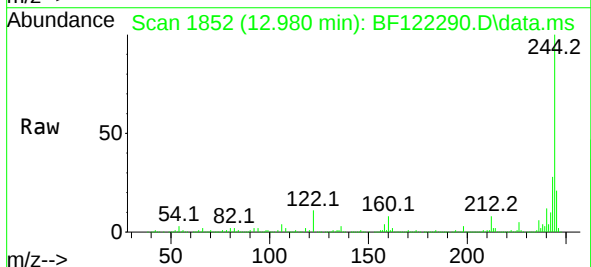
Instrument :
BNA_F
ClientSampleId :
PB132380BL

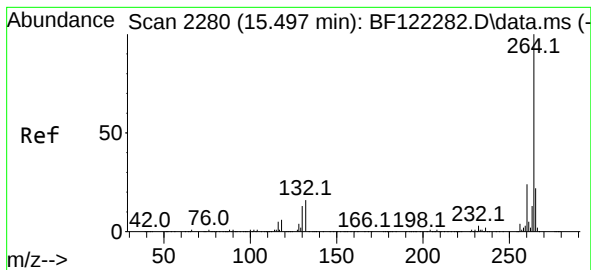
Tgt Ion:240 Resp: 984810
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.9 20.9 31.3



#79
Terphenyl-d14
Concen: 64.45 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122290.D
Acq: 10 Nov 2020 10:33

Tgt Ion:244 Resp: 2995851
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 10.7 8.1 12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF122290.D
 Acq: 10 Nov 2020 10:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132380BL

Tgt Ion:264 Resp: 971876
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.4 17.3 25.9

