

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122356.D
 Acq On : 17 Nov 2020 20:27
 Operator : JU/CG
 Sample : L4770-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FJ-BH-02-4-5

Quant Time: Nov 18 00:24:00 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)

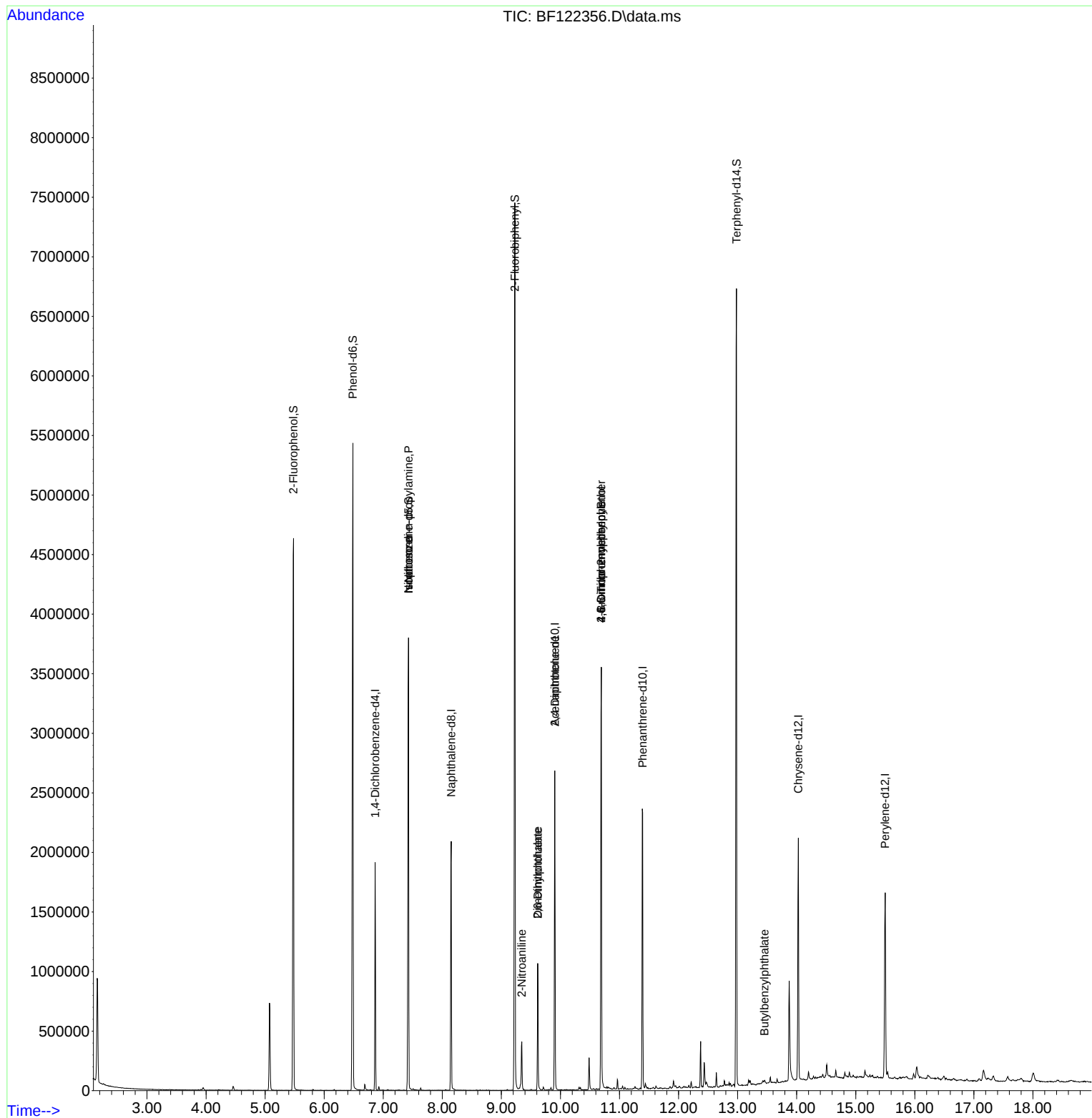
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	250164	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	953046	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	510412	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	904476	20.00	ng	0.00
76) Chrysene-d12	14.027	240	655353	20.00	ng	0.00
86) Perylene-d12	15.498	264	724668	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1401245	86.01	ng	0.00
7) Phenol-d6	6.486	99	1939129	90.98	ng	0.00
23) Nitrobenzene-d5	7.428	82	1262876	81.12	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	462942	84.51	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2246792	68.78	ng	0.00
79) Terphenyl-d14	12.980	244	2159583	69.81	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.486	77	3091	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	172695	13.56	ng	# 74
25) Isophorone	7.428	82	1245521	35.89	ng	# 67
48) 2-Nitroaniline	9.345	65	4632	5.60	ng	# 12
50) Dimethylphthalate	9.616	163	415313	11.45	ng	# 98
51) 2,6-Dinitrotoluene	9.616	165	4625	4.34	ng	# 9
57) 2,4-Dinitrotoluene	9.904	165	65165	10.49	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	949	6.45	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	29574	2.78	ng	# 1
80) Butylbenzylphthalate	13.457	149	2252	3.40	ng	# 34

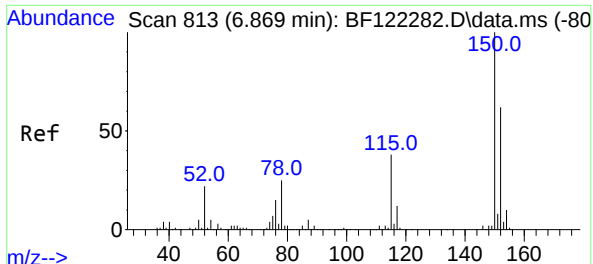
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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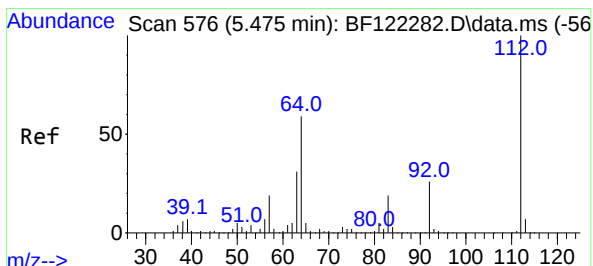
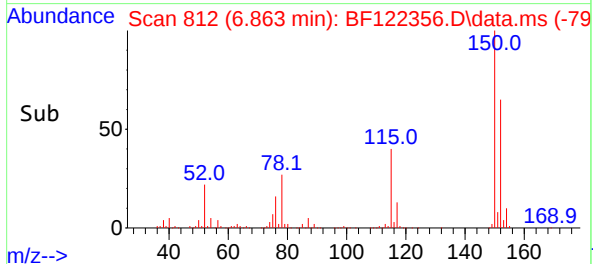
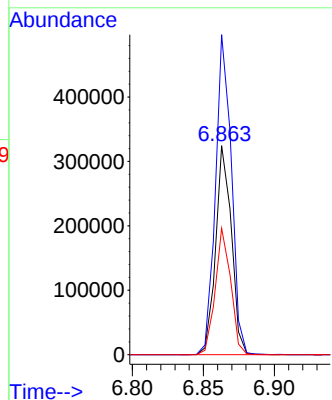
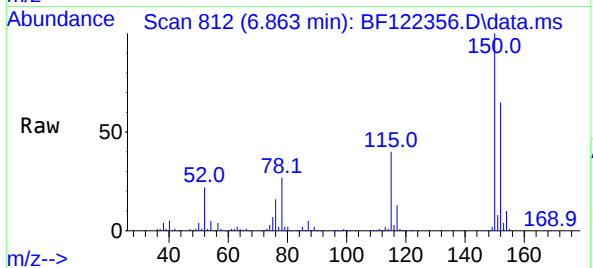




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

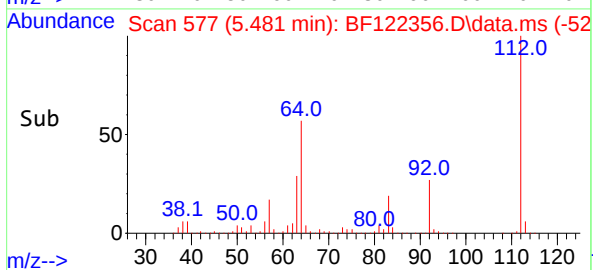
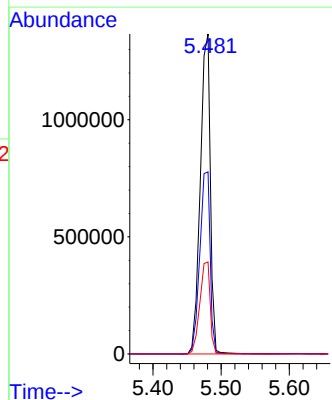
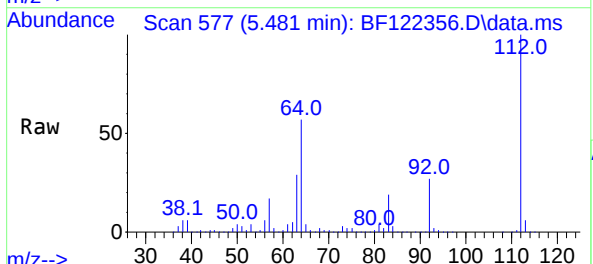
Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5

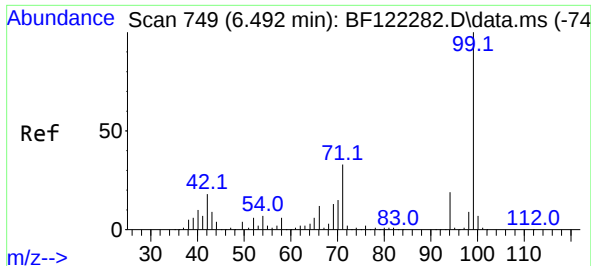
Tgt Ion:152 Resp: 250164
Ion Ratio Lower Upper
152 100
150 153.1 125.3 187.9
115 60.5 51.9 77.9



#5
2-Fluorophenol
Concen: 86.01 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Tgt Ion:112 Resp: 1401245
Ion Ratio Lower Upper
112 100
64 56.9 50.4 75.6
63 28.8 25.8 38.6

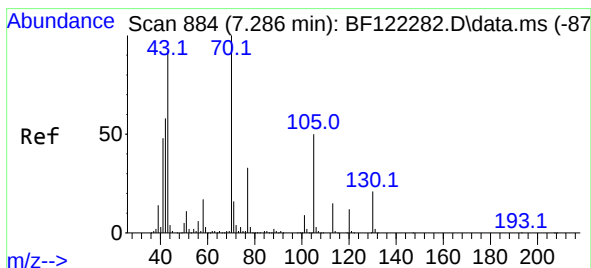
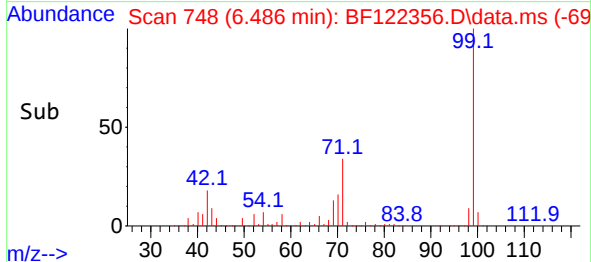
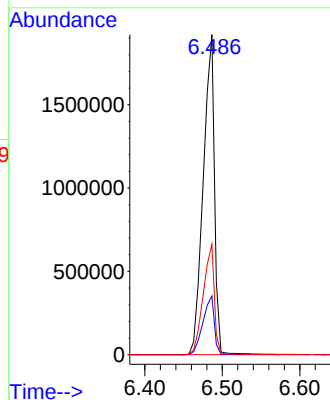
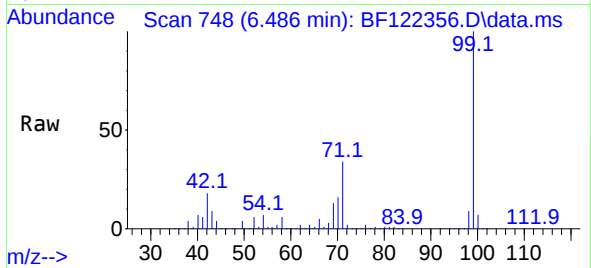




#7
Phenol-d6
Concen: 90.98 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

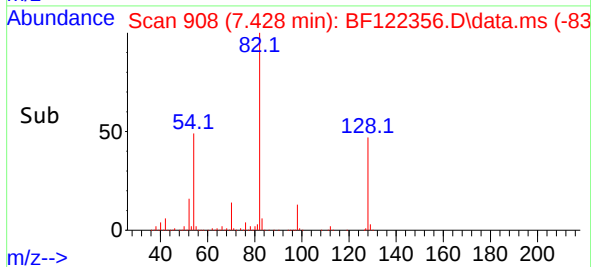
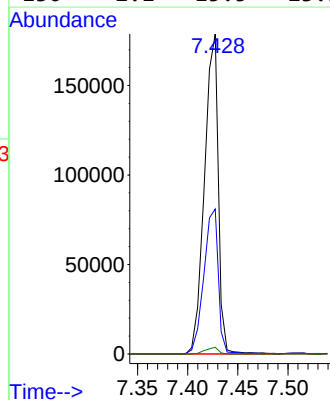
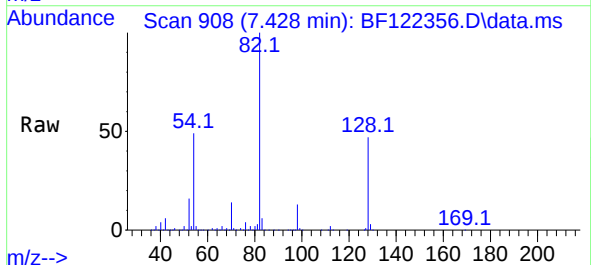
Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5

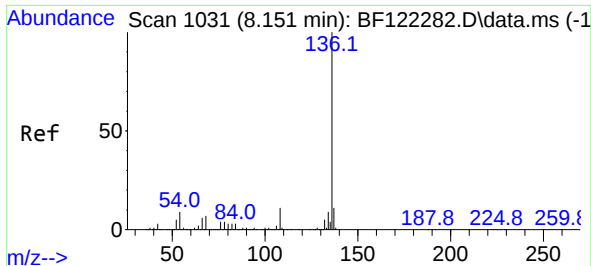
Tgt Ion: 99 Resp: 1939129
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 34.5 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.56 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

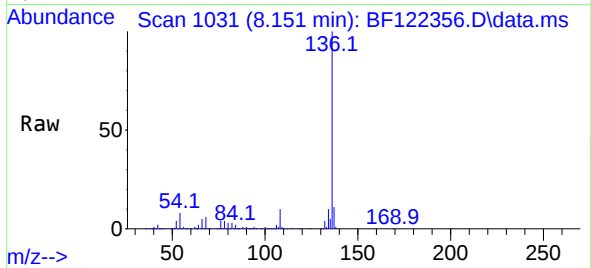
Tgt Ion: 70 Resp: 172695
Ion Ratio Lower Upper
70 100
42 45.3 50.2 75.4#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#





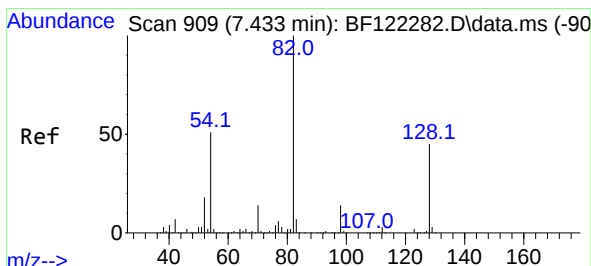
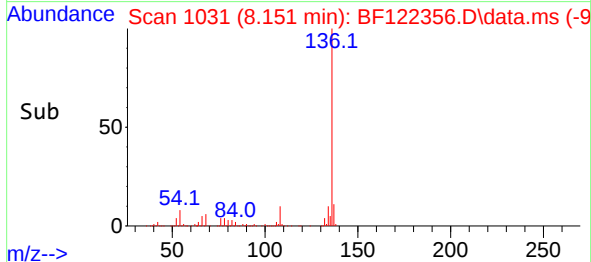
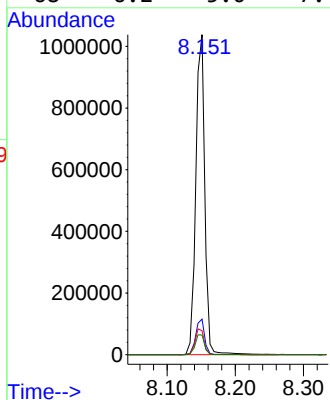
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5



Tgt Ion:136 Resp: 953046

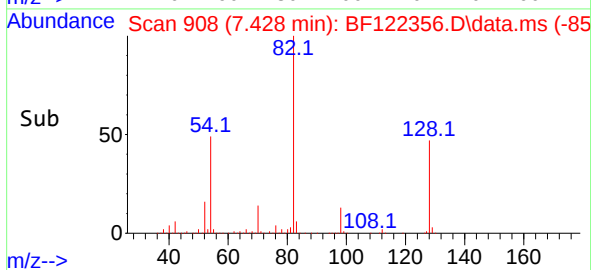
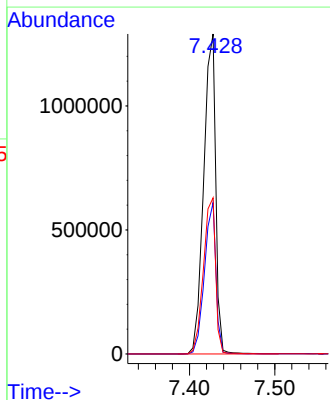
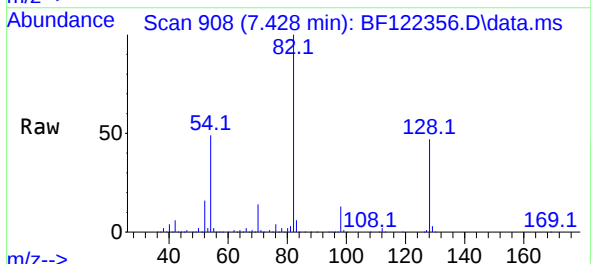
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.5	7.1	10.7
68	6.2	5.0	7.4

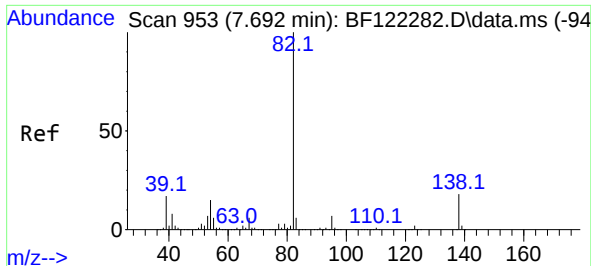


#23
Nitrobenzene-d5
Concen: 81.12 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Tgt Ion: 82 Resp: 1262876

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.0	52.4
54	48.8	43.9	65.9

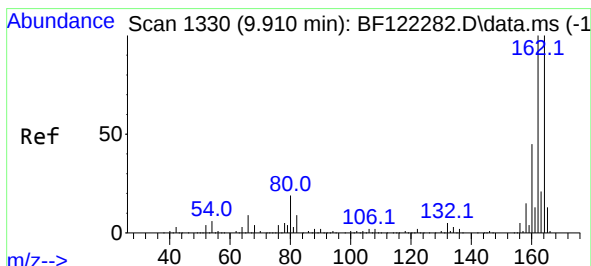
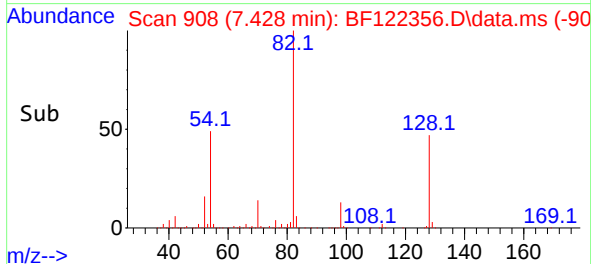
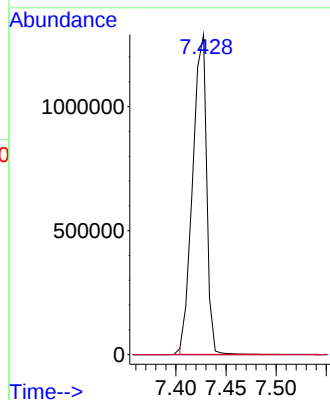
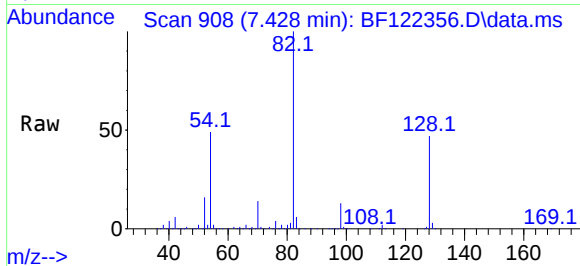




#25
Isophorone
Concen: 35.89 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

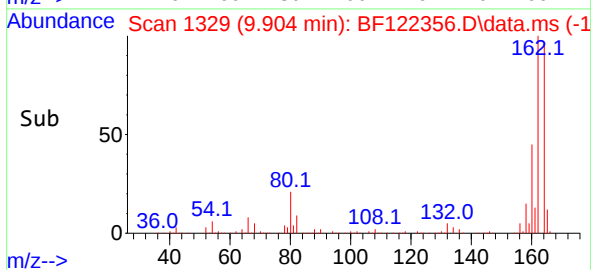
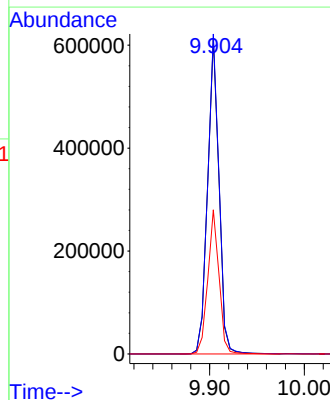
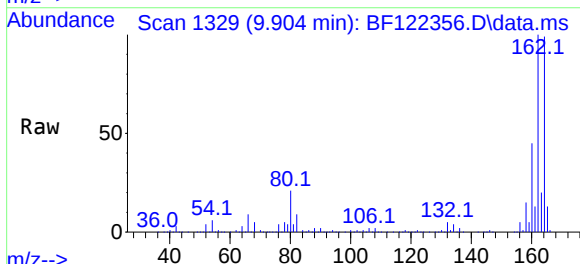
Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5

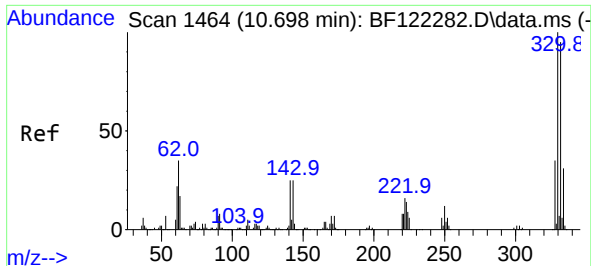
Tgt Ion: 82 Resp: 1245521
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

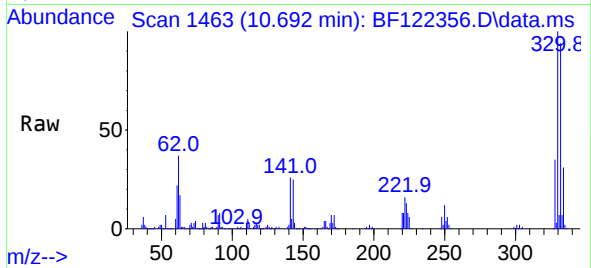
Tgt Ion:164 Resp: 510412
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 45.7 37.5 56.3



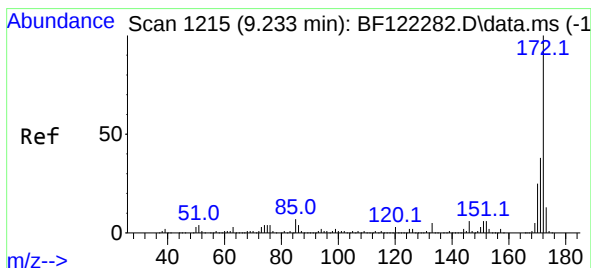
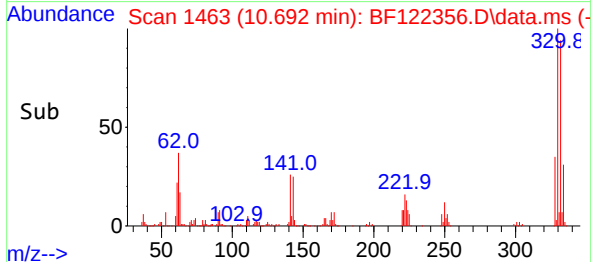
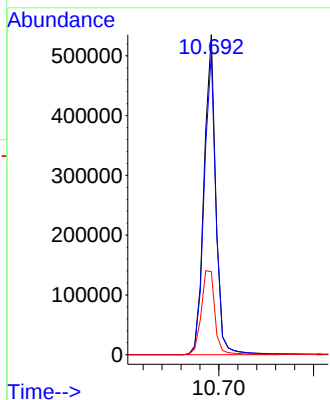


#42
2,4,6-Tribromophenol
Concen: 84.51 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5

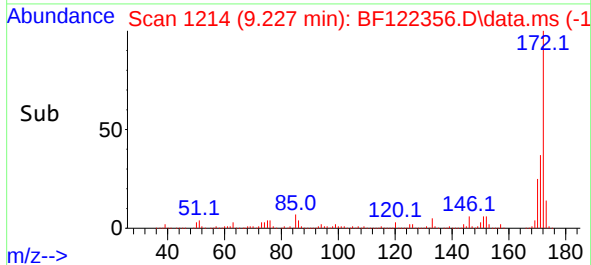
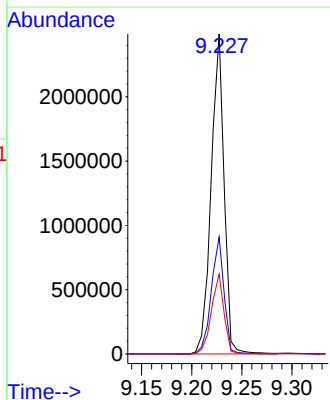
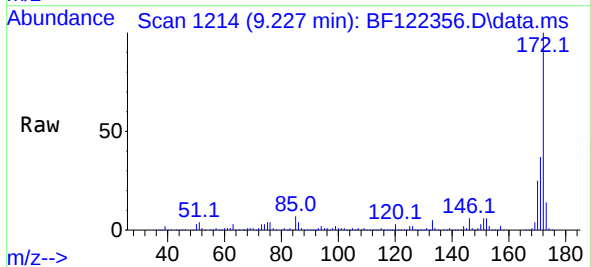


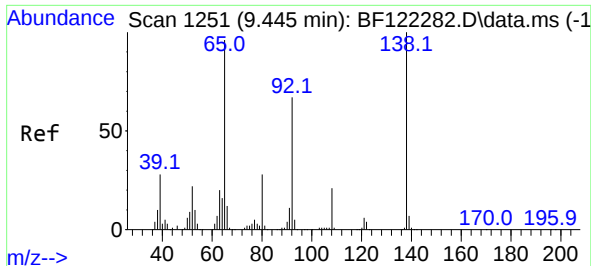
Tgt Ion:330 Resp: 462942
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 30.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 68.78 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Tgt Ion:172 Resp: 2246792
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 25.0 19.8 29.6

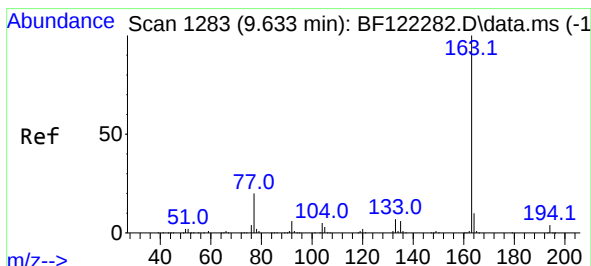
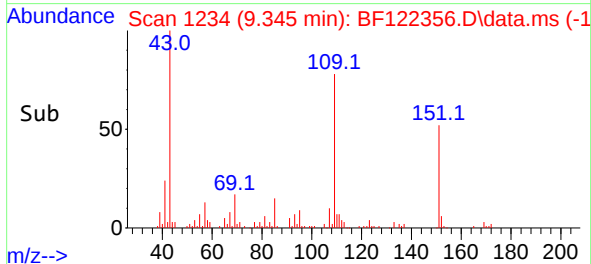
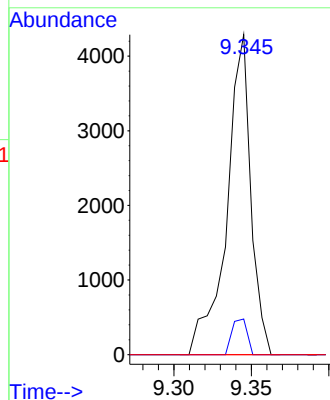
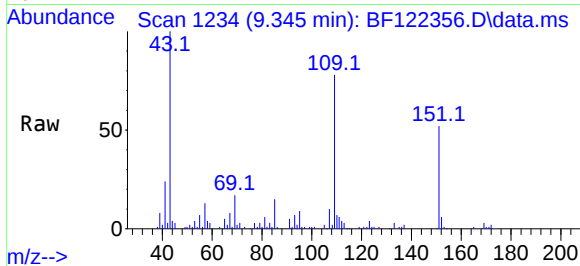




#48
2-Nitroaniline
Concen: 5.60 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.100 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

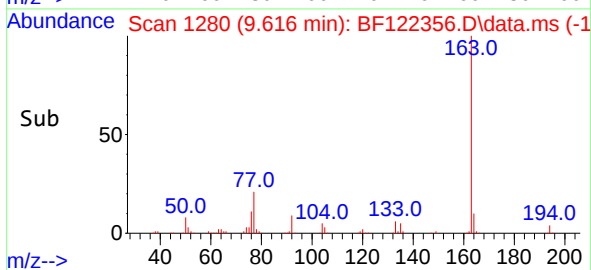
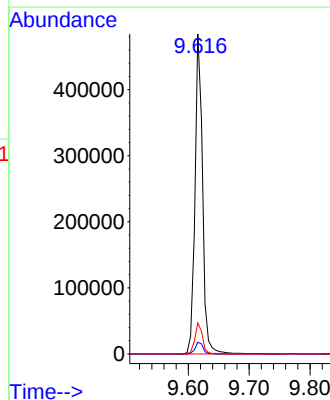
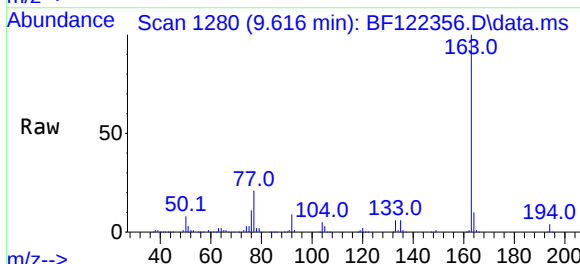
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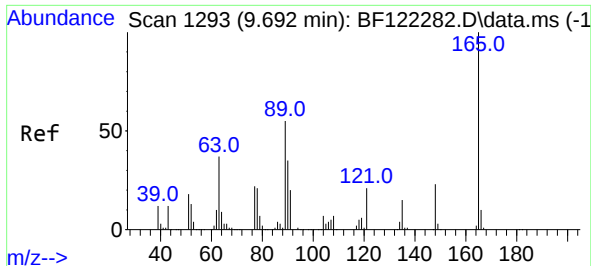
Tgt Ion: 65 Resp: 4632
Ion Ratio Lower Upper
65 100
92 11.1 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 11.45 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.018 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Tgt Ion:163 Resp: 415313
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.7 8.2 12.4

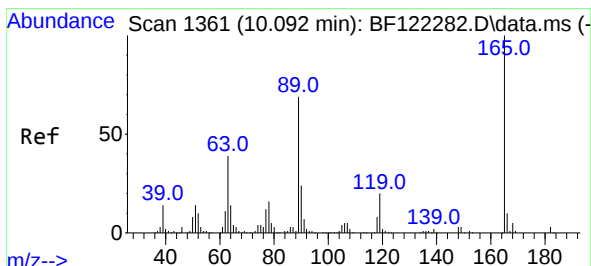
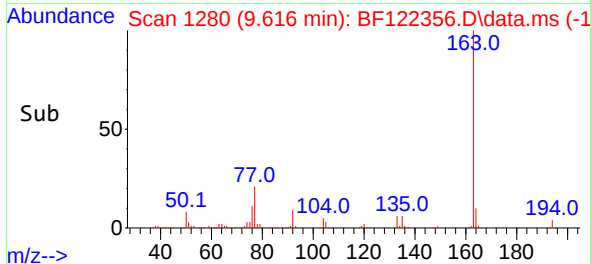
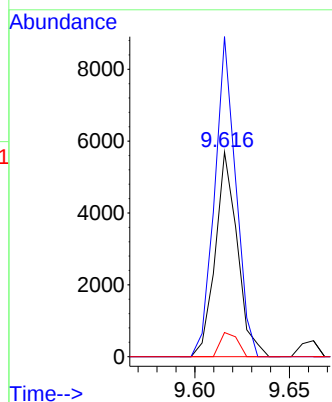
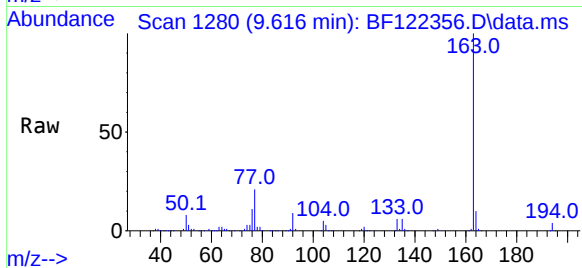




#51
2,6-Dinitrotoluene
Concen: 4.34 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

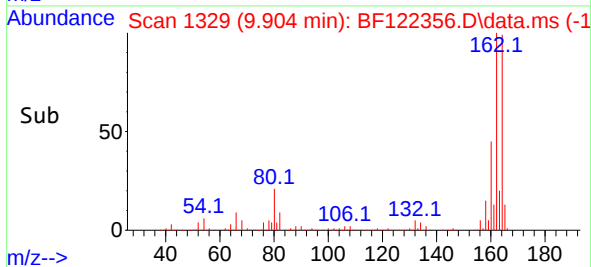
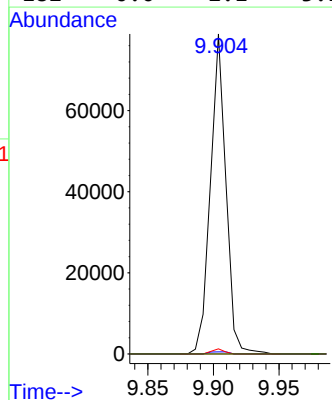
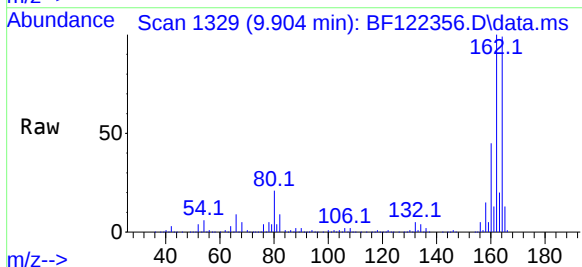
Instrument :
BNA_F
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FJ-BH-02-4-5

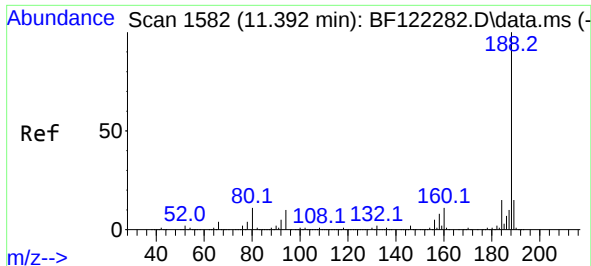
Tgt Ion:165 Resp: 4625
Ion Ratio Lower Upper
165 100
63 156.4 51.8 77.6#
89 11.8 49.0 73.6#



#57
2,4-Dinitrotoluene
Concen: 10.49 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

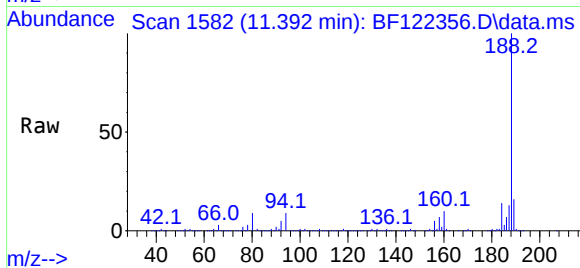
Tgt Ion:165 Resp: 65165
Ion Ratio Lower Upper
165 100
63 0.7 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#



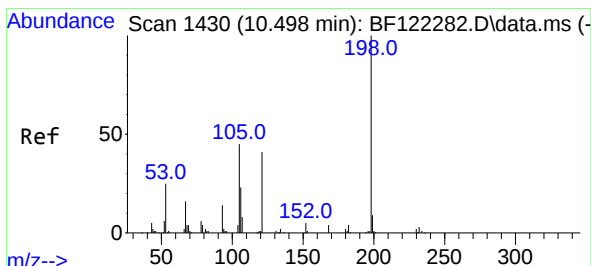
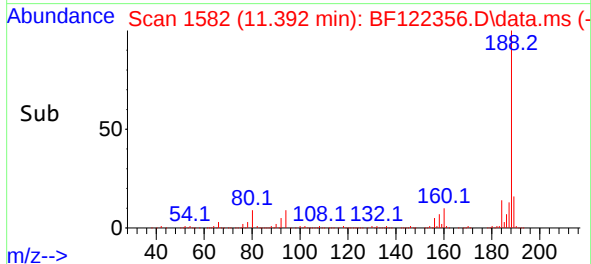
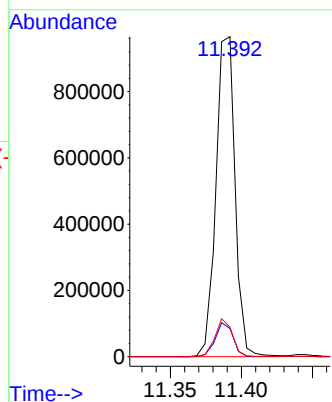


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

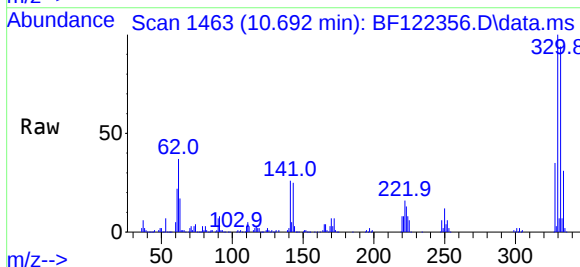
Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5



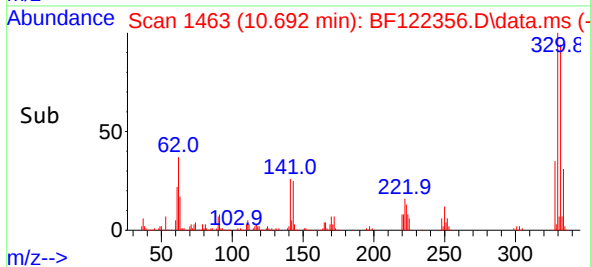
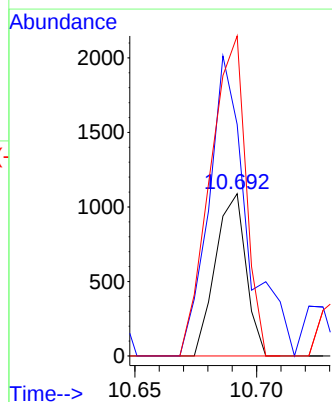
Tgt Ion:188 Resp: 904476
Ion Ratio Lower Upper
188 100
94 8.8 8.3 12.5
80 9.2 9.1 13.7

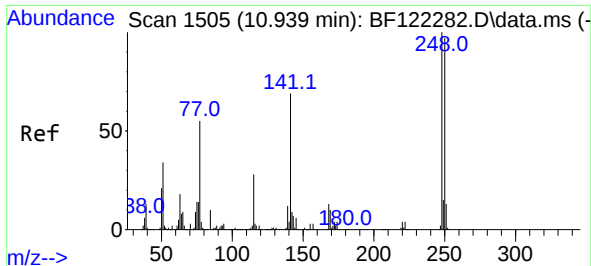


#65
4,6-Dinitro-2-methylphenol
Concen: 6.45 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27



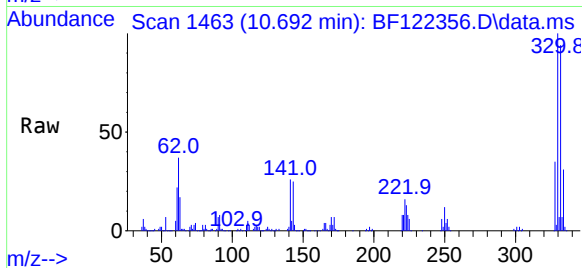
Tgt Ion:198 Resp: 949
Ion Ratio Lower Upper
198 100
51 142.7 29.6 69.6#
105 197.2 24.4 64.4#



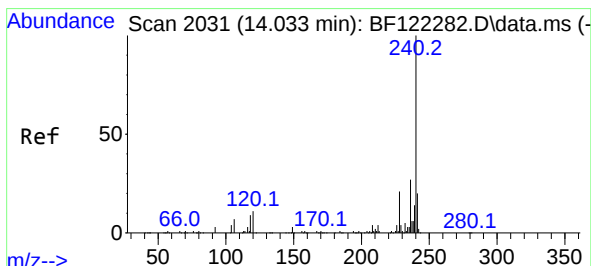
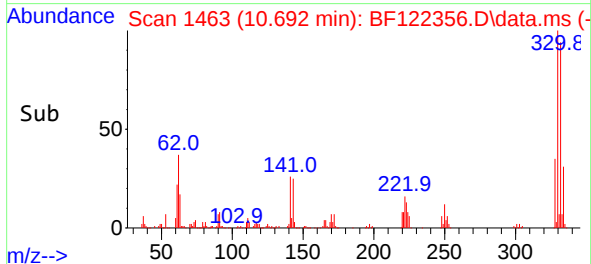
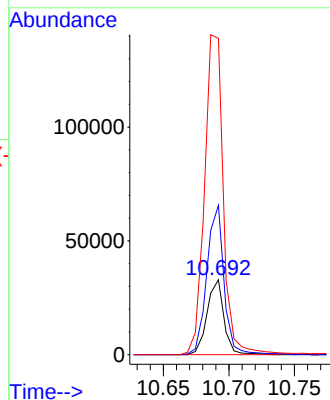


#67
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5

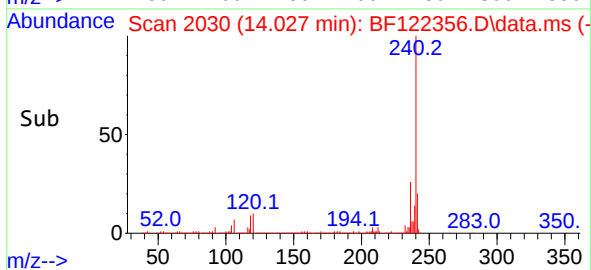
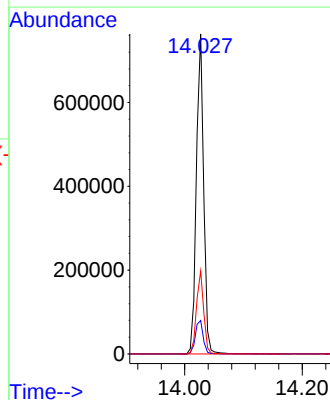
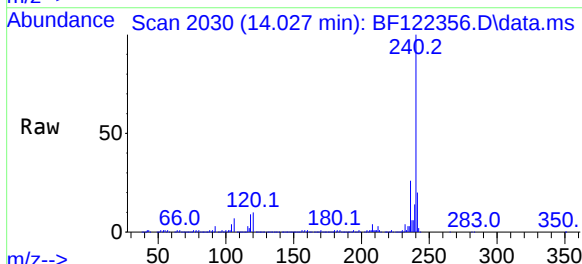


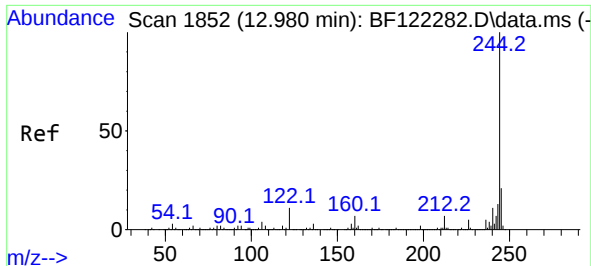
Tgt Ion:248 Resp: 29574
Ion Ratio Lower Upper
248 100
250 199.4 77.0 115.6#
141 422.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Tgt Ion:240 Resp: 655353
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 26.0 20.9 31.3

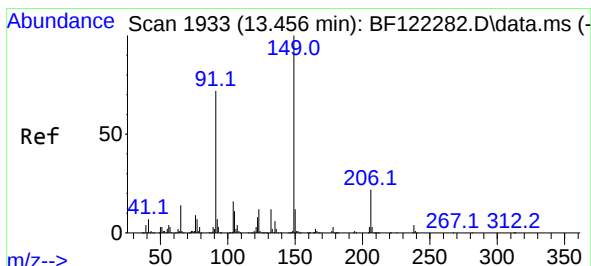
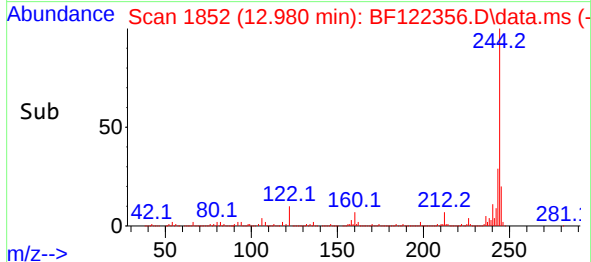
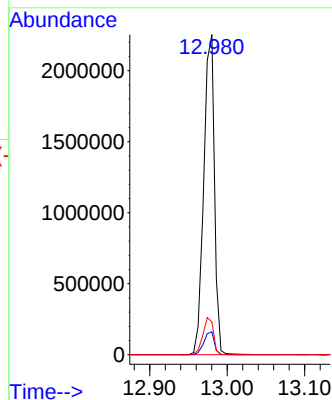
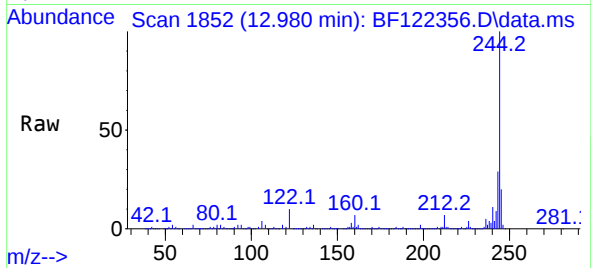




#79
Terphenyl-d14
Concen: 69.81 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

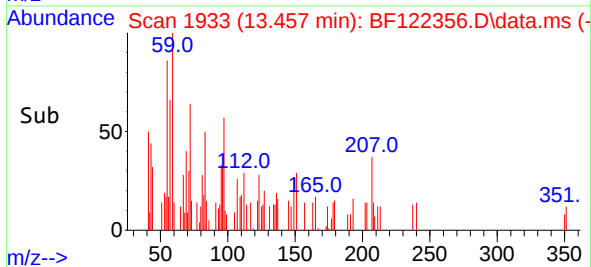
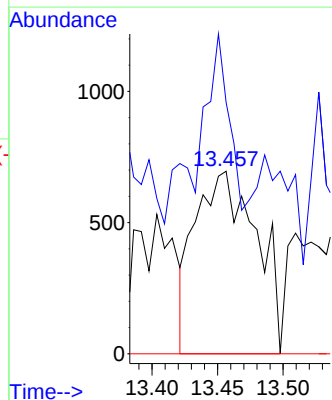
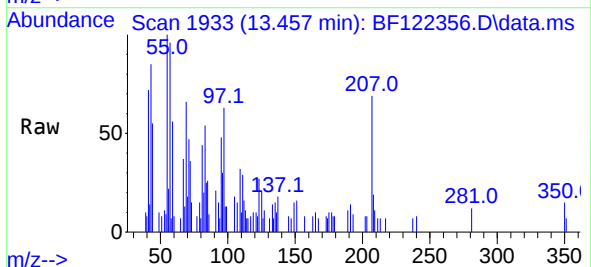
Instrument :
BNA_F
ClientSampleId :
FJ-BH-02-4-5

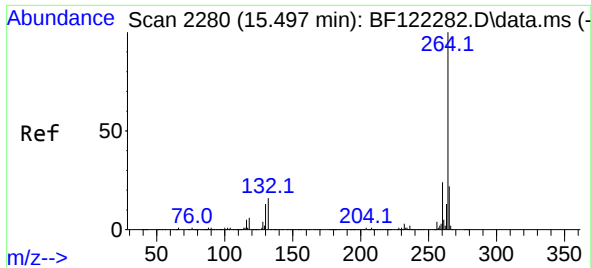
Tgt Ion:244 Resp: 2159583
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.3 8.1 12.1



#80
Butylbenzylphthalate
Concen: 3.40 ng
RT: 13.457 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BF122356.D
Acq: 17 Nov 2020 20:27

Tgt Ion:149 Resp: 2252
Ion Ratio Lower Upper
149 100
91 137.6 61.0 91.4#
206 0.0 16.7 25.1#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.000 min
 Lab File: BF122356.D
 Acq: 17 Nov 2020 20:27

Instrument :
 BNA_F
 ClientSampleId :
 FJ-BH-02-4-5

Tgt Ion:264 Resp: 724668

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	17.3	25.9

