

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111720\
 Data File : BF122357.D
 Acq On : 17 Nov 2020 20:58
 Operator : JU/CG
 Sample : L4770-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FJ-BH-01-4-5

Quant Time: Nov 18 00:24:13 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)

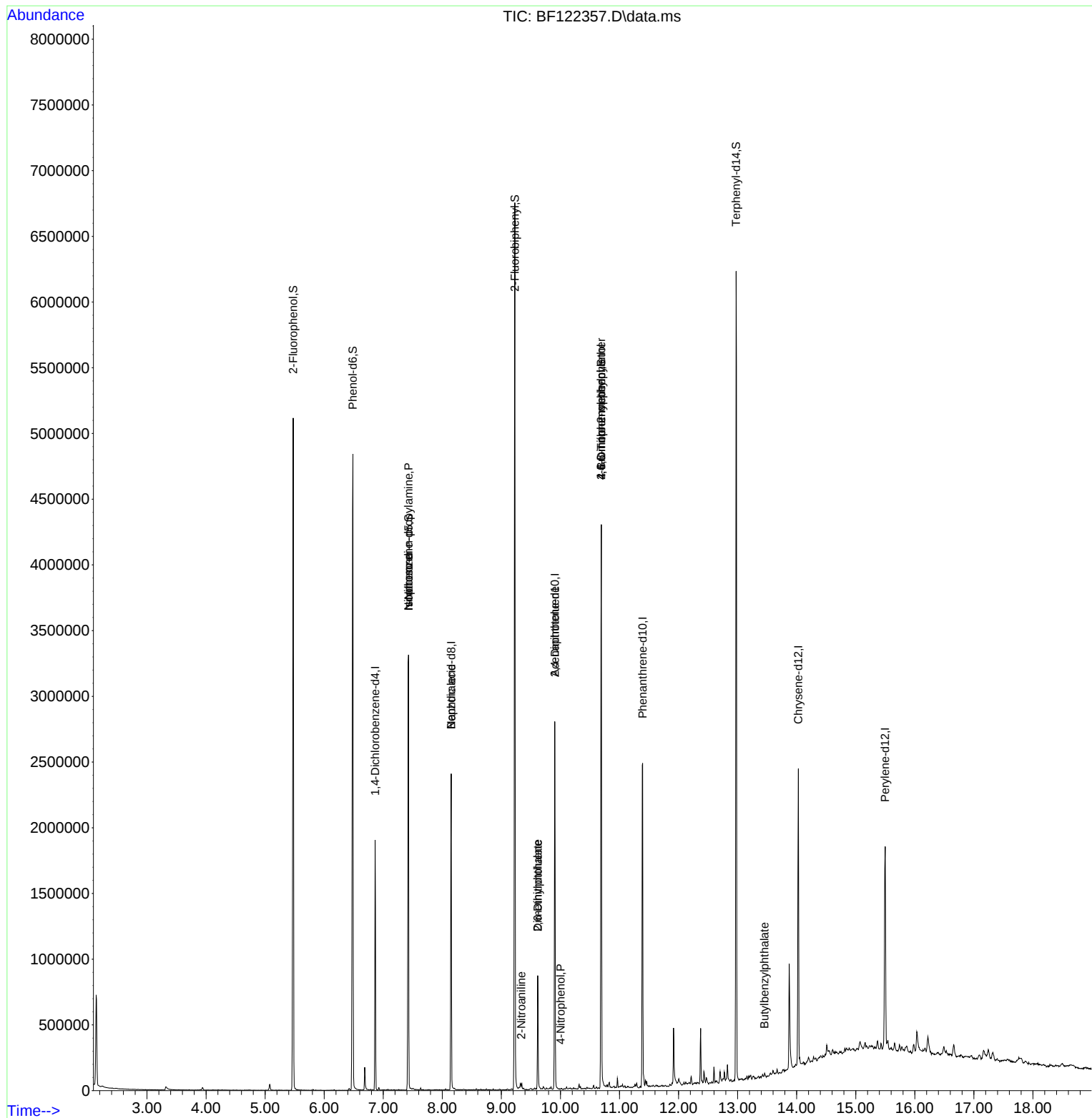
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	259836	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1012852	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	547437	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	954218	20.00	ng	0.00
76) Chrysene-d12	14.027	240	716058	20.00	ng	0.00
86) Perylene-d12	15.498	264	759801	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1403382	82.93	ng	0.00
7) Phenol-d6	6.487	99	1803705	81.48	ng	0.00
23) Nitrobenzene-d5	7.428	82	1104740	66.77	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	540377	91.97	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2052822	58.59	ng	0.00
79) Terphenyl-d14	12.974	244	1972225	58.35	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	115	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	151501	11.45	ng	# 73
25) Isophorone	7.428	82	1091160	29.58	ng	# 67
32) Benzoic acid	8.151	122	108	7.97	ng	# 1
48) 2-Nitroaniline	9.339	65	570	5.22	ng	# 6
50) Dimethylphthalate	9.616	163	334829	8.60	ng	100
51) 2,6-Dinitrotoluene	9.616	165	3758	4.21	ng	# 18
56) 4-Nitrophenol	10.004	139	128	5.42	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	69502	10.46	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.692	198	1260	6.53	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	33941	3.03	ng	# 1
80) Butylbenzylphthalate	13.457	149	1011	3.34	ng	# 53

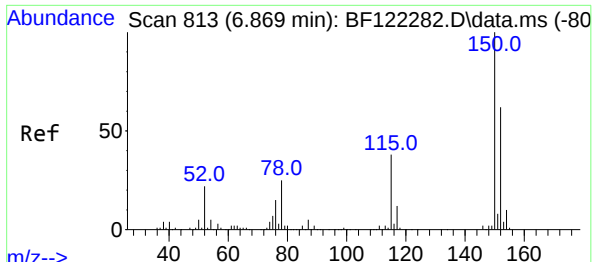
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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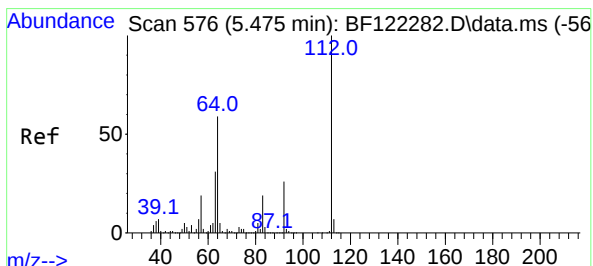
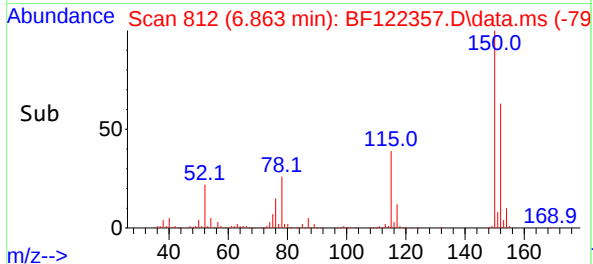
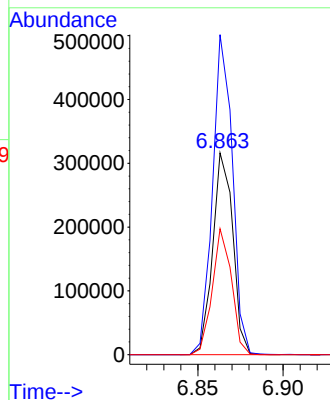
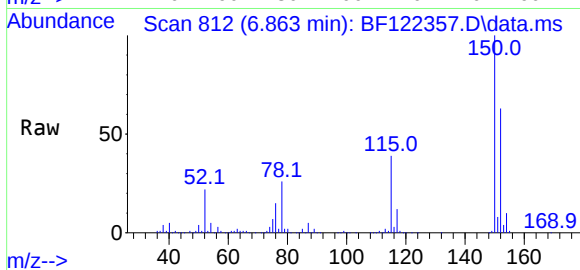




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

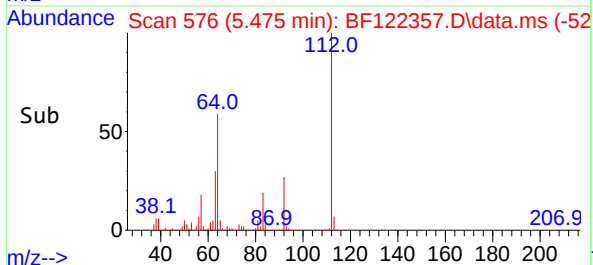
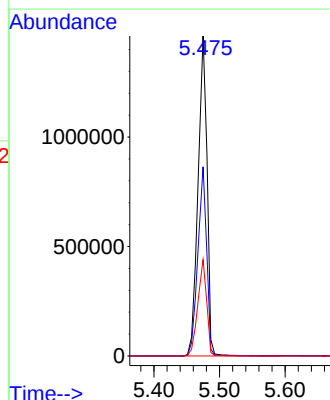
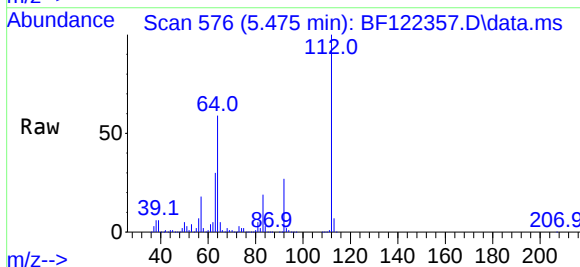
Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5

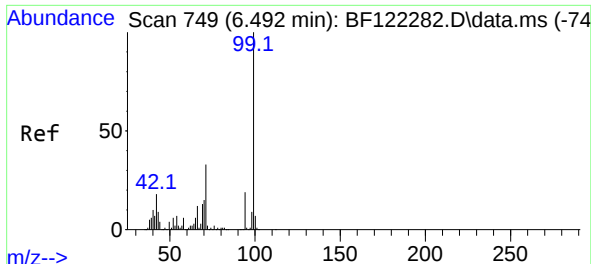
Tgt Ion:152 Resp: 259836
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 62.4 51.9 77.9



#5
2-Fluorophenol
Concen: 82.93 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion:112 Resp: 1403382
Ion Ratio Lower Upper
112 100
64 59.1 50.4 75.6
63 30.1 25.8 38.6



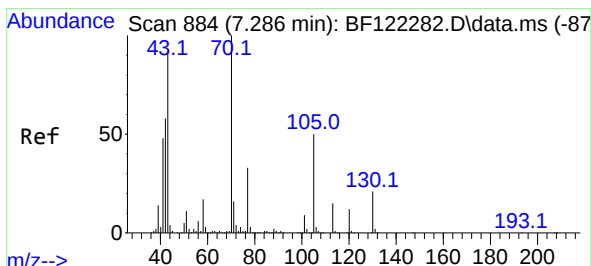
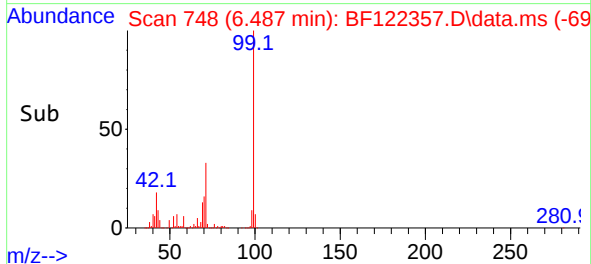
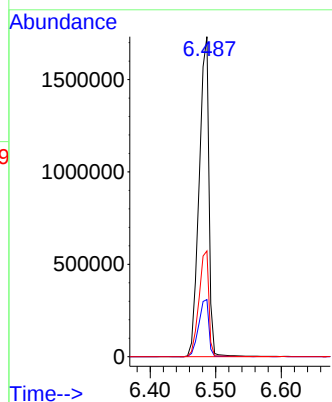
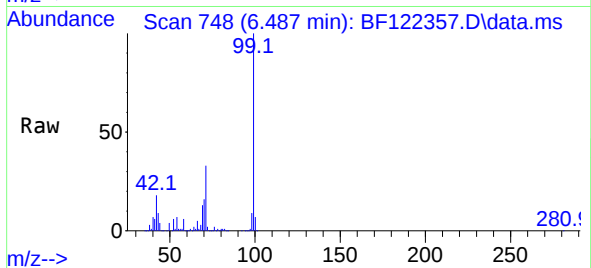


#7
Phenol-d6
Concen: 81.48 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5

Tgt Ion: 99 Resp: 1803705

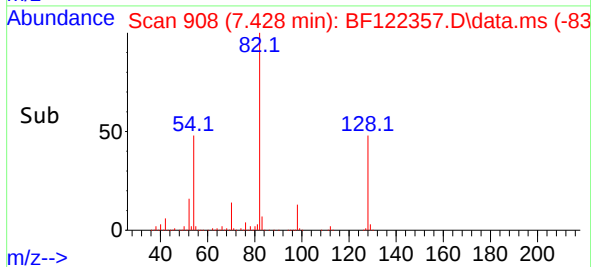
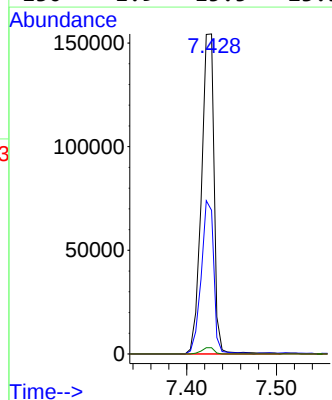
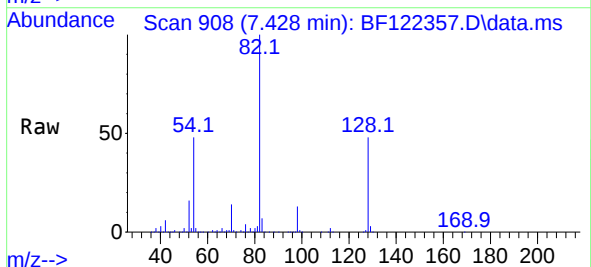
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.9	23.9
71	33.1	27.1	40.7

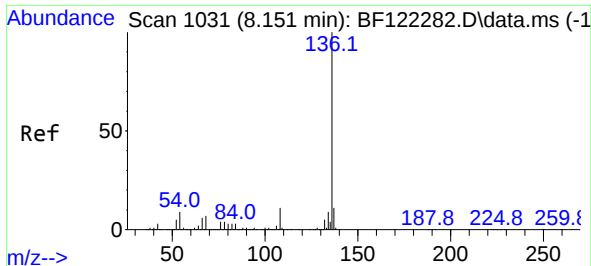


#19
n-Nitroso-di-n-propylamine
Concen: 11.45 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion: 70 Resp: 151501

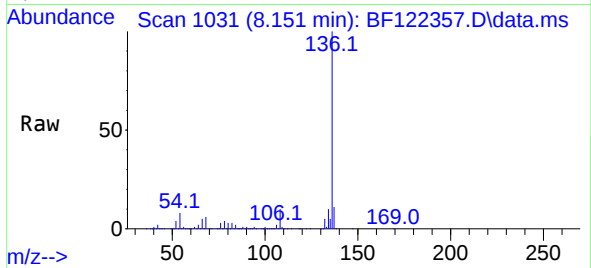
Ion	Ratio	Lower	Upper
70	100		
42	44.9	50.2	75.4#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#





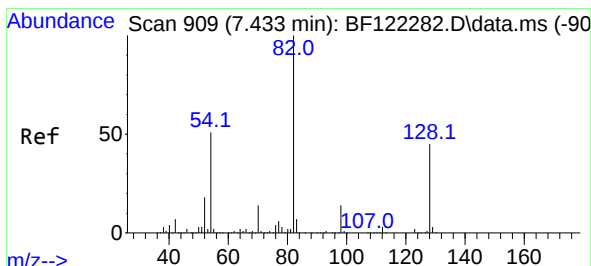
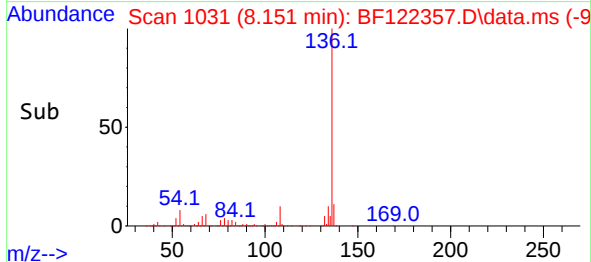
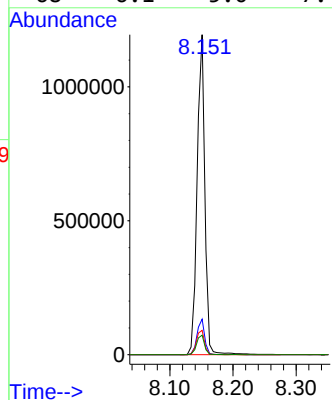
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5



Tgt Ion:136 Resp: 1012852

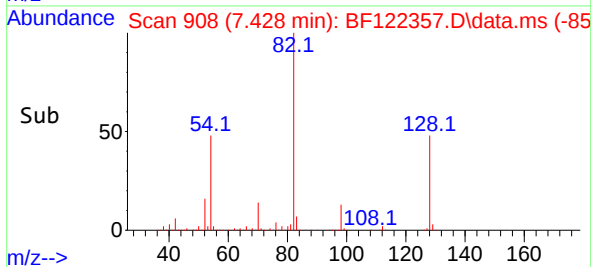
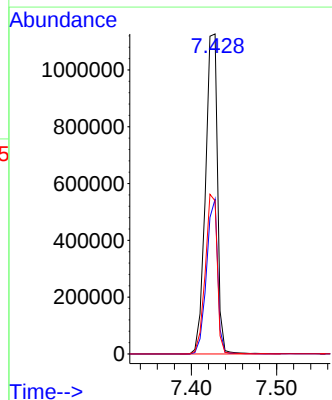
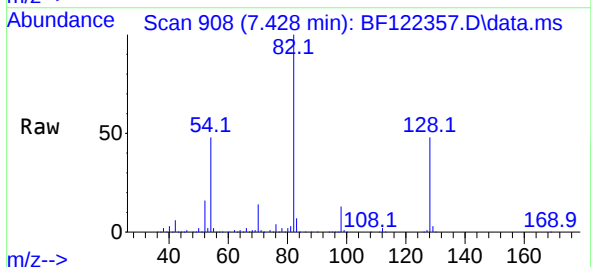
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.6	7.1	10.7
68	6.1	5.0	7.4

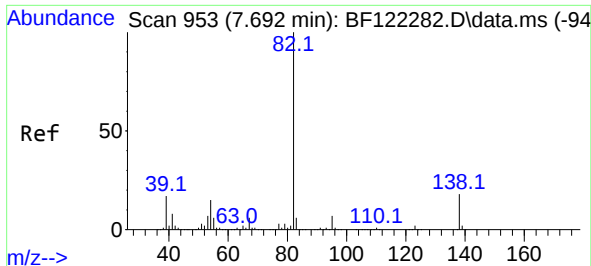


#23
Nitrobenzene-d5
Concen: 66.77 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion: 82 Resp: 1104740

Ion	Ratio	Lower	Upper
82	100		
128	48.3	35.0	52.4
54	47.9	43.9	65.9

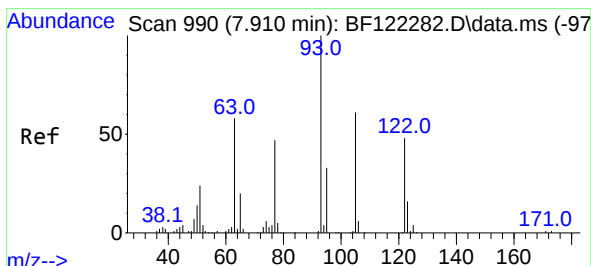
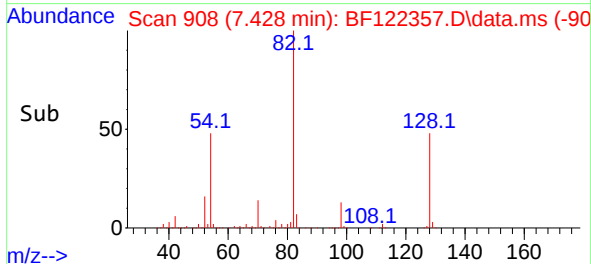
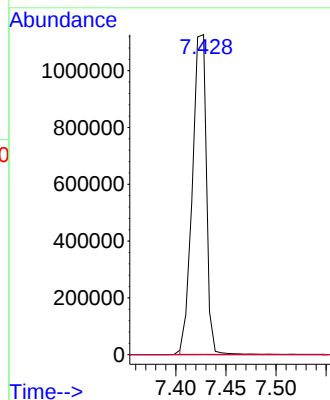
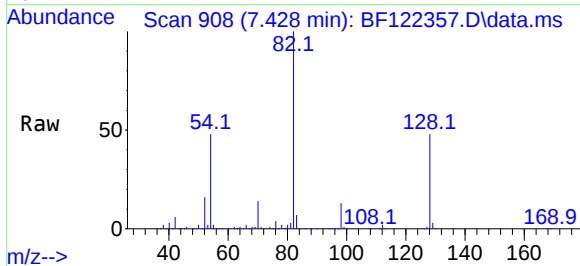




#25
Isophorone
Concen: 29.58 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

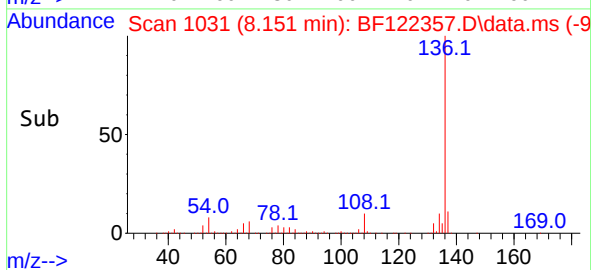
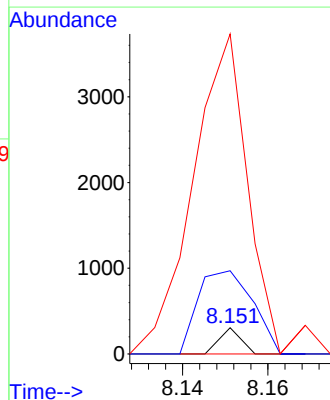
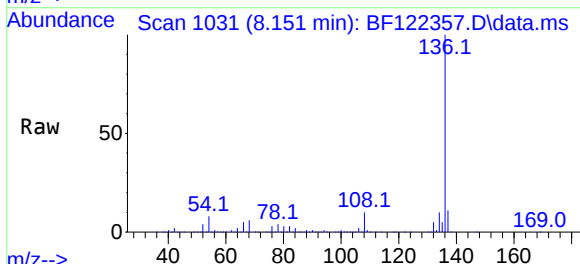
Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5

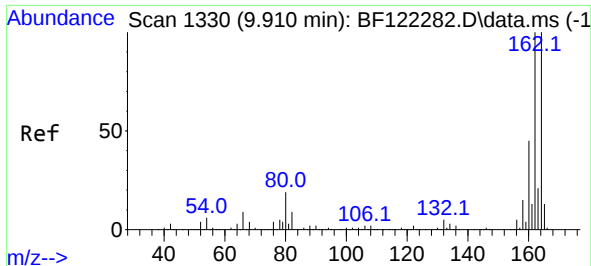
Tgt Ion: 82 Resp: 1091160
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.97 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.241 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion:122 Resp: 108
Ion Ratio Lower Upper
122 100
105 316.3 103.3 143.3#
77 1216.0 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF122357.D

Acq: 17 Nov 2020 20:58

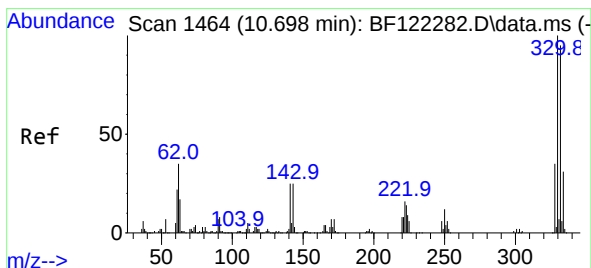
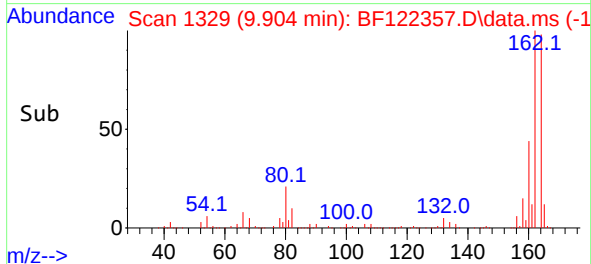
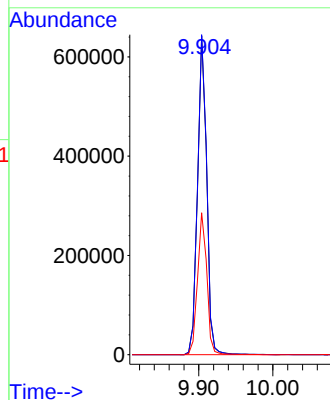
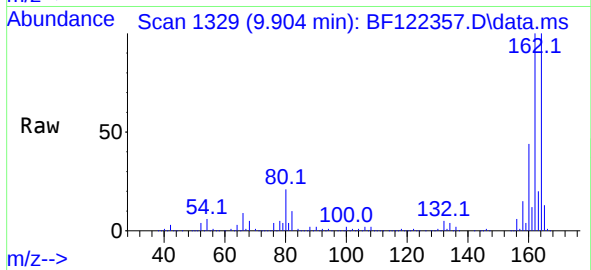
Tgt Ion:164 Resp: 547437

Ion Ratio Lower Upper

164 100

162 100.4 83.2 124.8

160 44.5 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 91.97 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122357.D

Acq: 17 Nov 2020 20:58

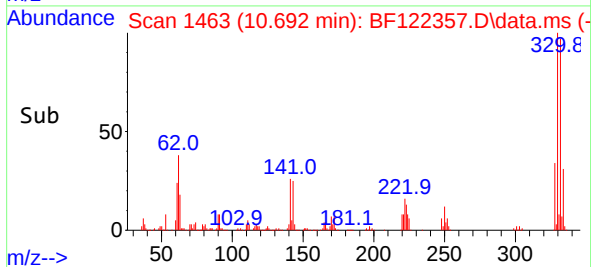
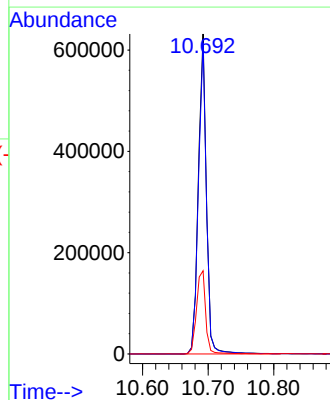
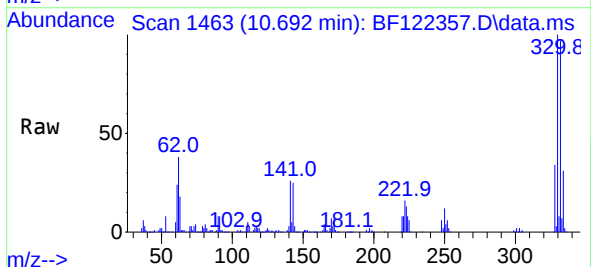
Tgt Ion:330 Resp: 540377

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 29.8 22.3 33.5

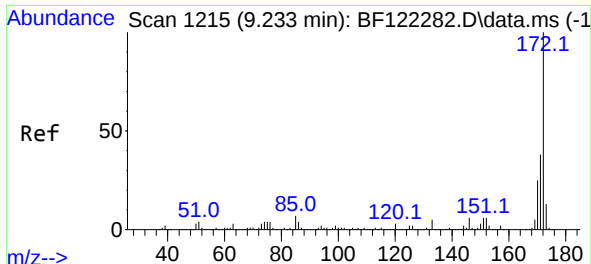


Instrument :

BNA_F

ClientSampleId :

FJ-BH-01-4-5

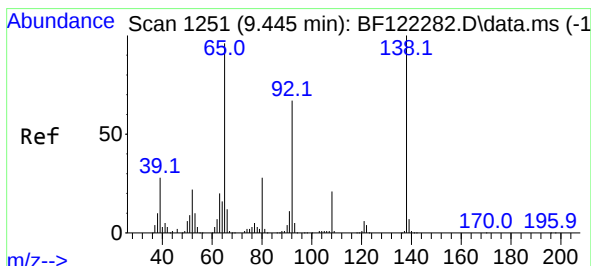
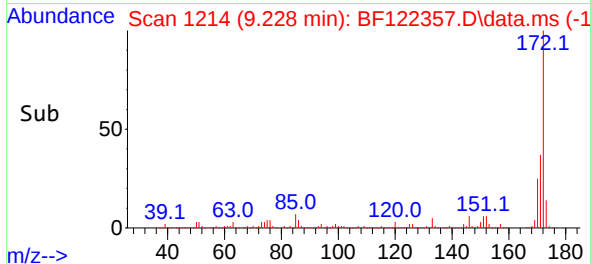
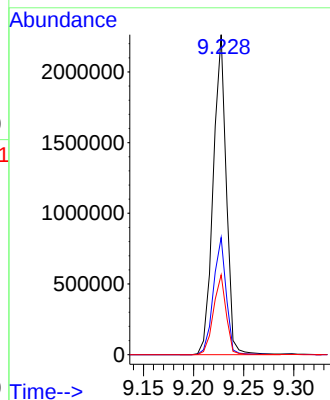
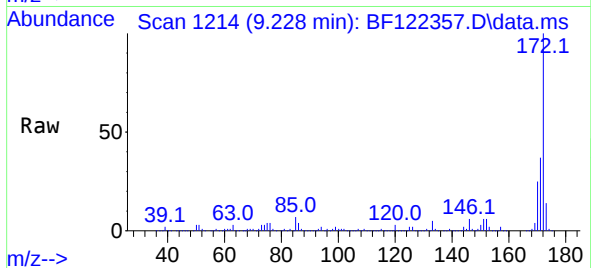


#45
2-Fluorobiphenyl
Concen: 58.59 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5

Tgt Ion:172 Resp: 2052822

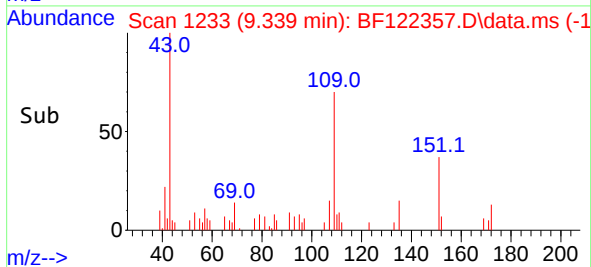
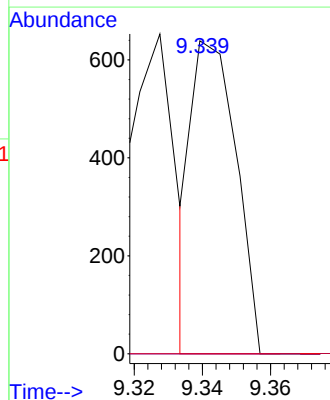
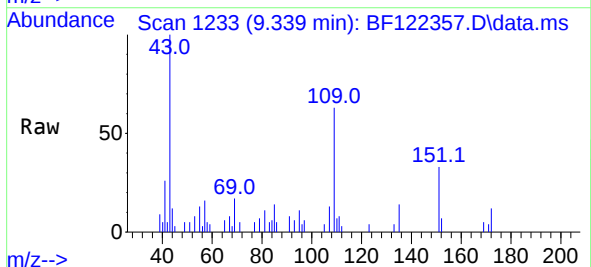
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.1	43.7
170	24.9	19.8	29.6

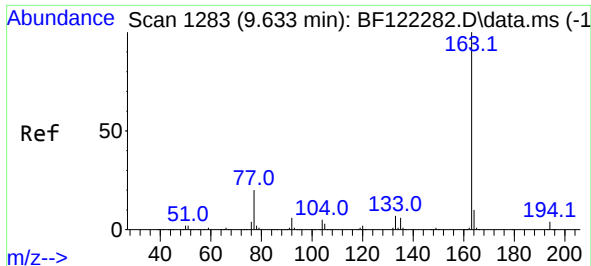


#48
2-Nitroaniline
Concen: 5.22 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.106 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion: 65 Resp: 570

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.1	82.7#
138	0.0	80.5	120.7#

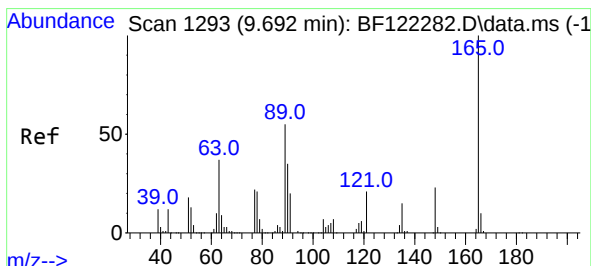
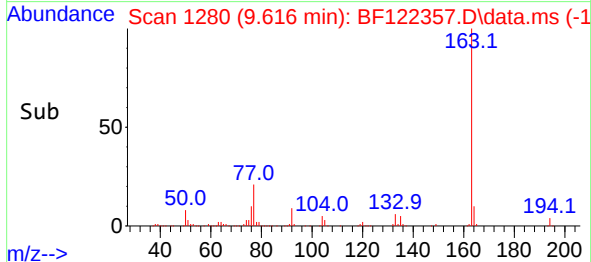
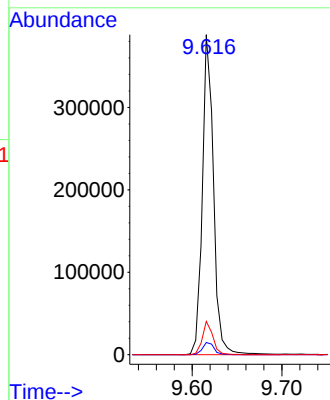
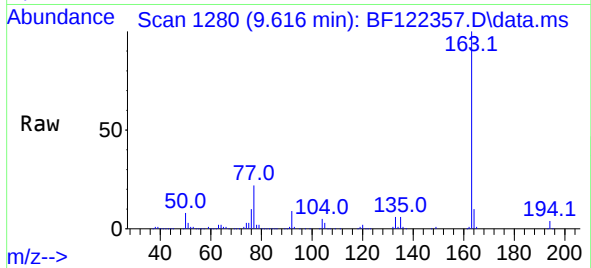




#50
Dimethylphthalate
Concen: 8.60 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

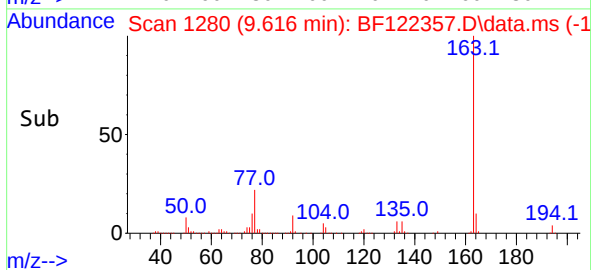
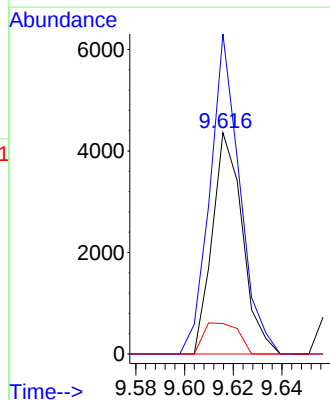
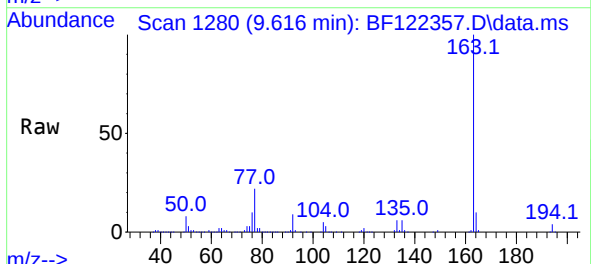
Instrument :
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FJ-BH-01-4-5

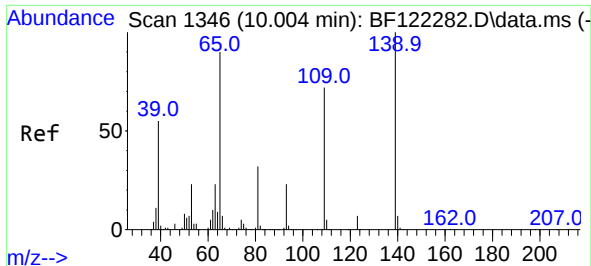
Tgt Ion:163 Resp: 334829
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.21 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion:165 Resp: 3758
Ion Ratio Lower Upper
165 100
63 144.6 51.8 77.6#
89 13.7 49.0 73.6#

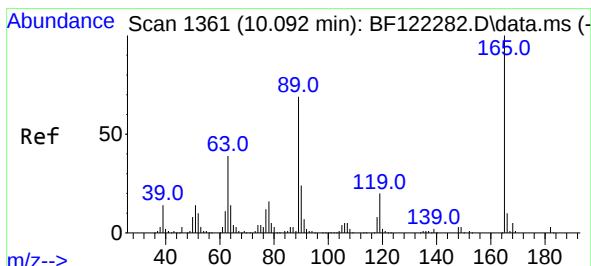
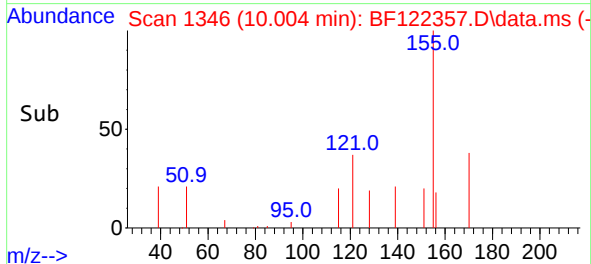
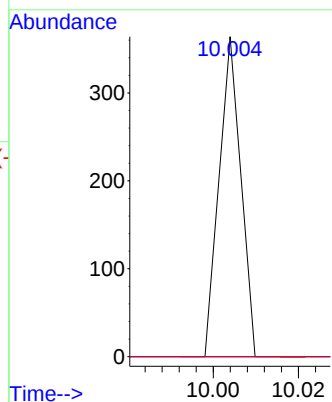
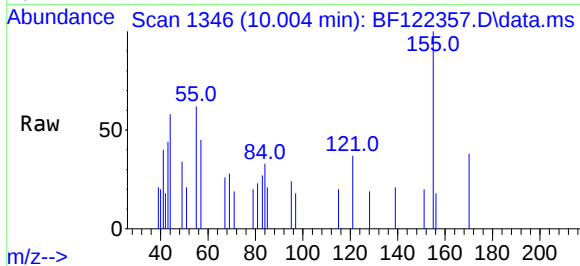




#56
4-Nitrophenol
Concen: 5.42 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

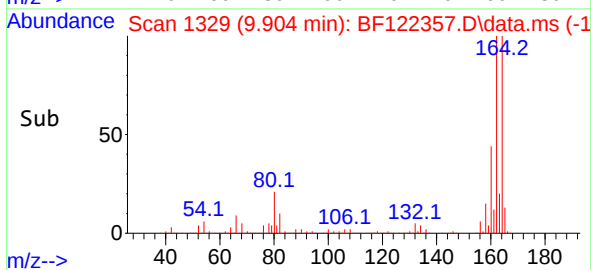
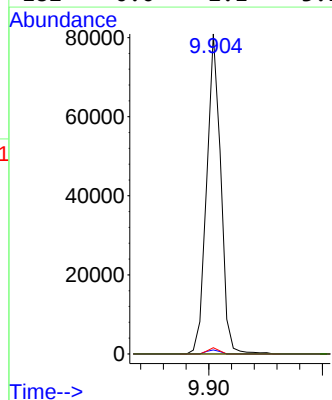
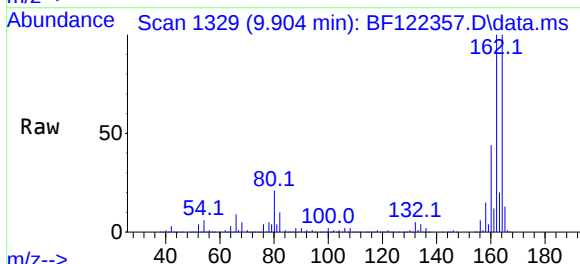
Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5

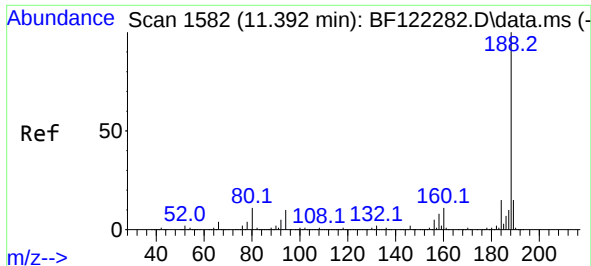
Tgt Ion:139	Resp:	128
Ion	Ratio	Lower Upper
139	100	
109	0.0	45.4 85.4#
65	0.0	68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.46 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion:165	Resp:	69502
Ion	Ratio	Lower Upper
165	100	
63	1.3	41.3 61.9#
89	2.0	61.8 92.8#
182	0.0	2.1 3.1#

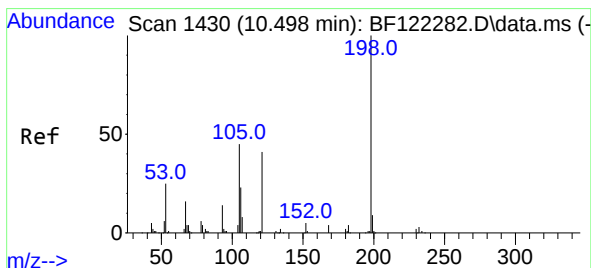
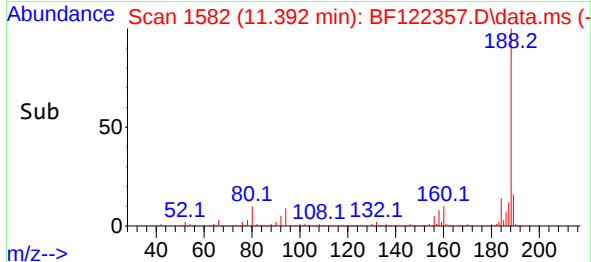
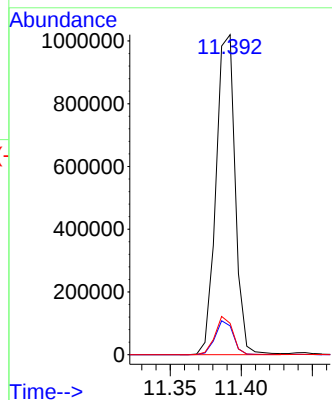
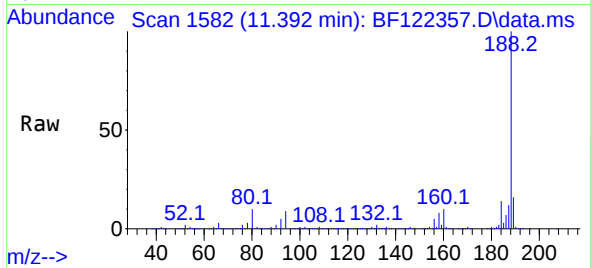




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

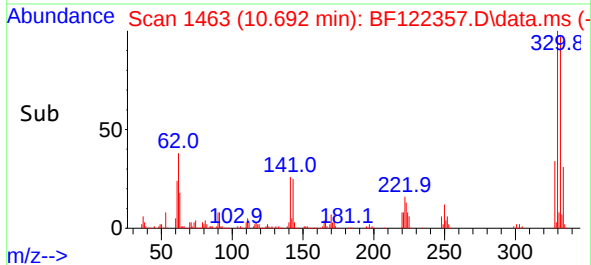
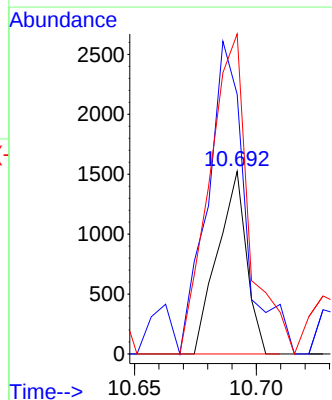
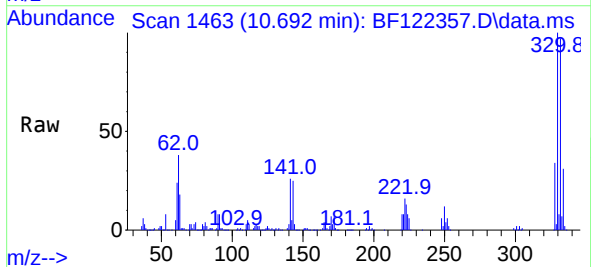
Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5

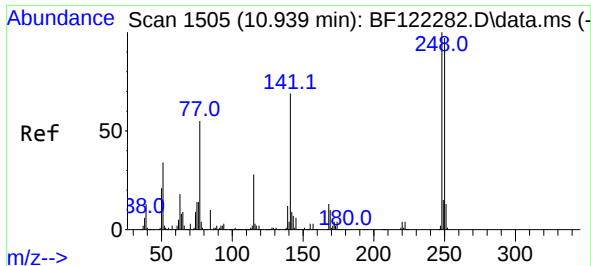
Tgt Ion:188 Resp: 954218
Ion Ratio Lower Upper
188 100
94 9.0 8.3 12.5
80 9.8 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.53 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion:198 Resp: 1260
Ion Ratio Lower Upper
198 100
51 142.3 29.6 69.6#
105 175.3 24.4 64.4#

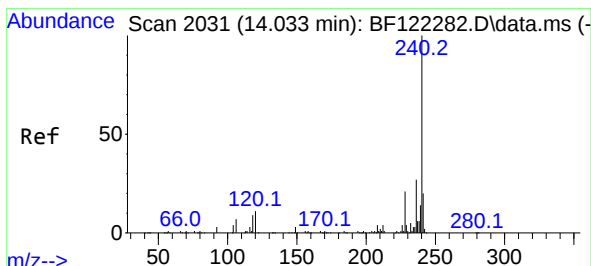
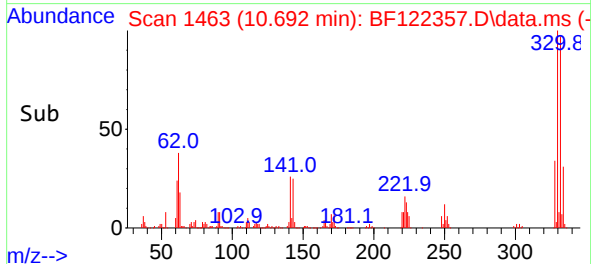
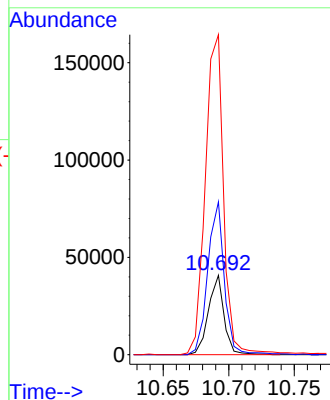
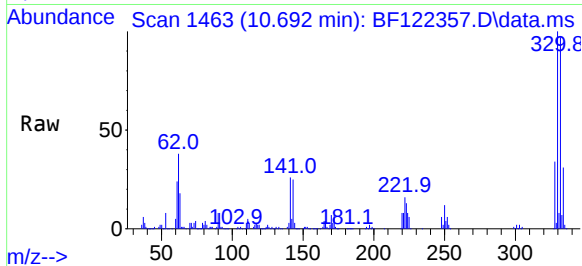




#67
4-Bromophenyl-phenylether
Concen: 3.03 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

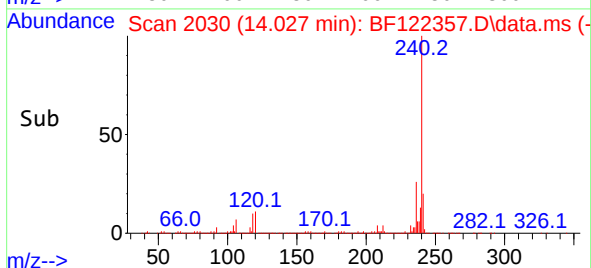
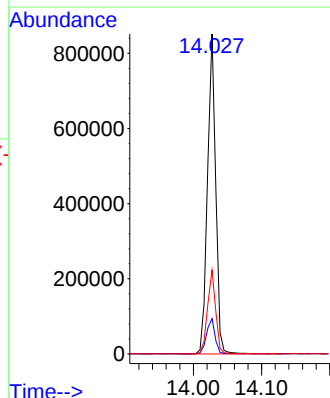
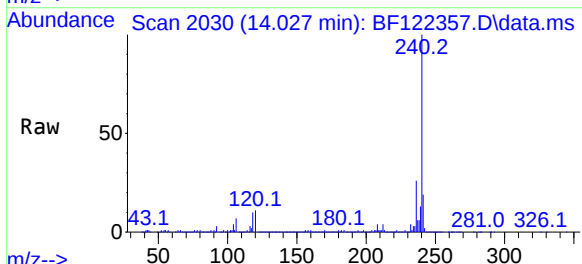
Instrument :
BNA_F
ClientSampleId :
FJ-BH-01-4-5

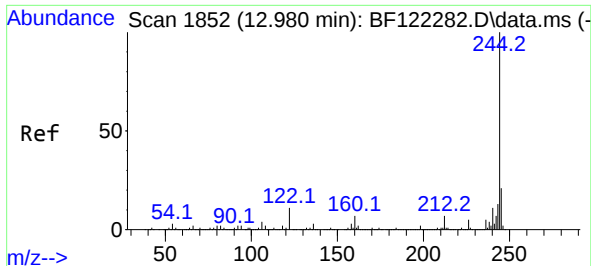
Tgt Ion:248 Resp: 33941
Ion Ratio Lower Upper
248 100
250 192.4 77.0 115.6#
141 403.1 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122357.D
Acq: 17 Nov 2020 20:58

Tgt Ion:240 Resp: 716058
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 26.2 20.9 31.3

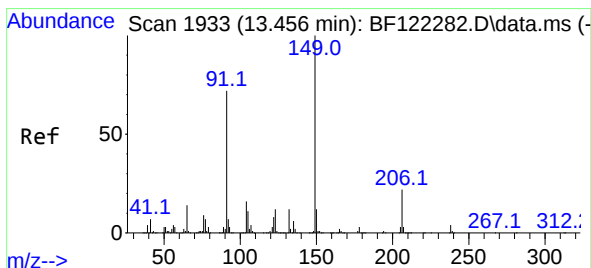
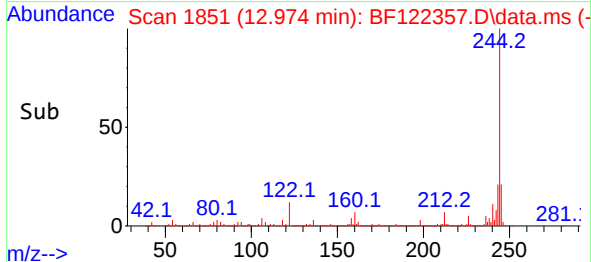
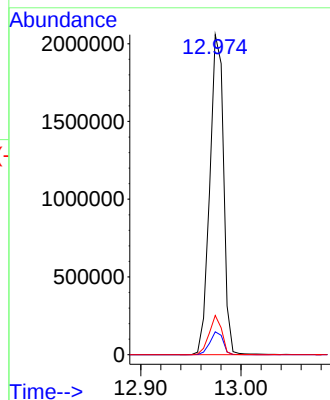
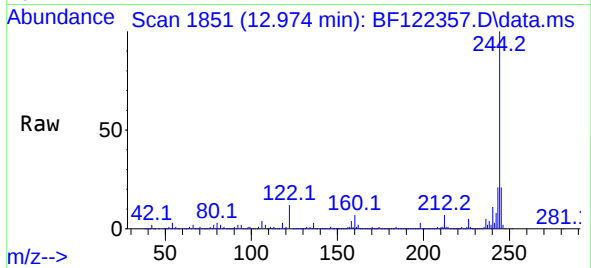




#79
 Terphenyl-d14
 Concen: 58.35 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF122357.D
 Acq: 17 Nov 2020 20:58

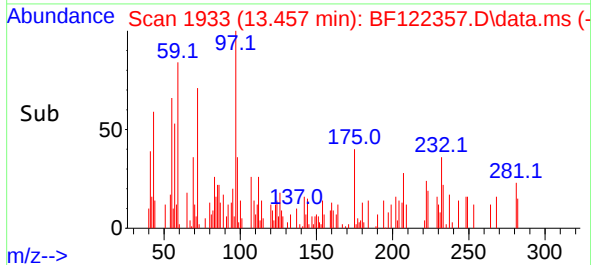
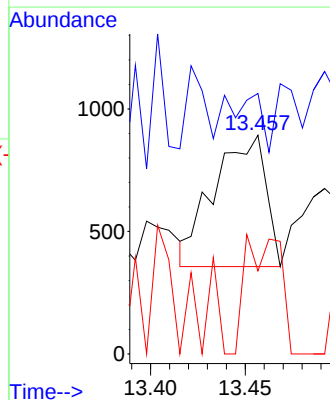
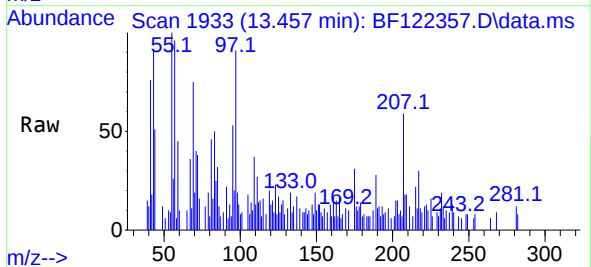
Instrument :
 BNA_F
 ClientSampleId :
 FJ-BH-01-4-5

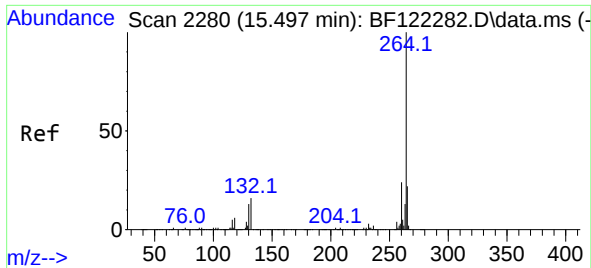
Tgt Ion:244 Resp: 1972225
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 12.2 8.1 12.1#



#80
 Butylbenzylphthalate
 Concen: 3.34 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.001 min
 Lab File: BF122357.D
 Acq: 17 Nov 2020 20:58

Tgt Ion:149 Resp: 1011
 Ion Ratio Lower Upper
 149 100
 91 119.0 61.0 91.4#
 206 38.0 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: BF122357.D
 Acq: 17 Nov 2020 20:58

Instrument :
 BNA_F
 ClientSampleId :
 FJ-BH-01-4-5

Tgt Ion:264 Resp: 759801

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.7	17.3	25.9

