

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132177.D
 Acq On : 20 Jan 2023 23:51
 Operator : CG\JU
 Sample : 01232-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P-35A

Quant Time: Jan 21 03:58:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

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

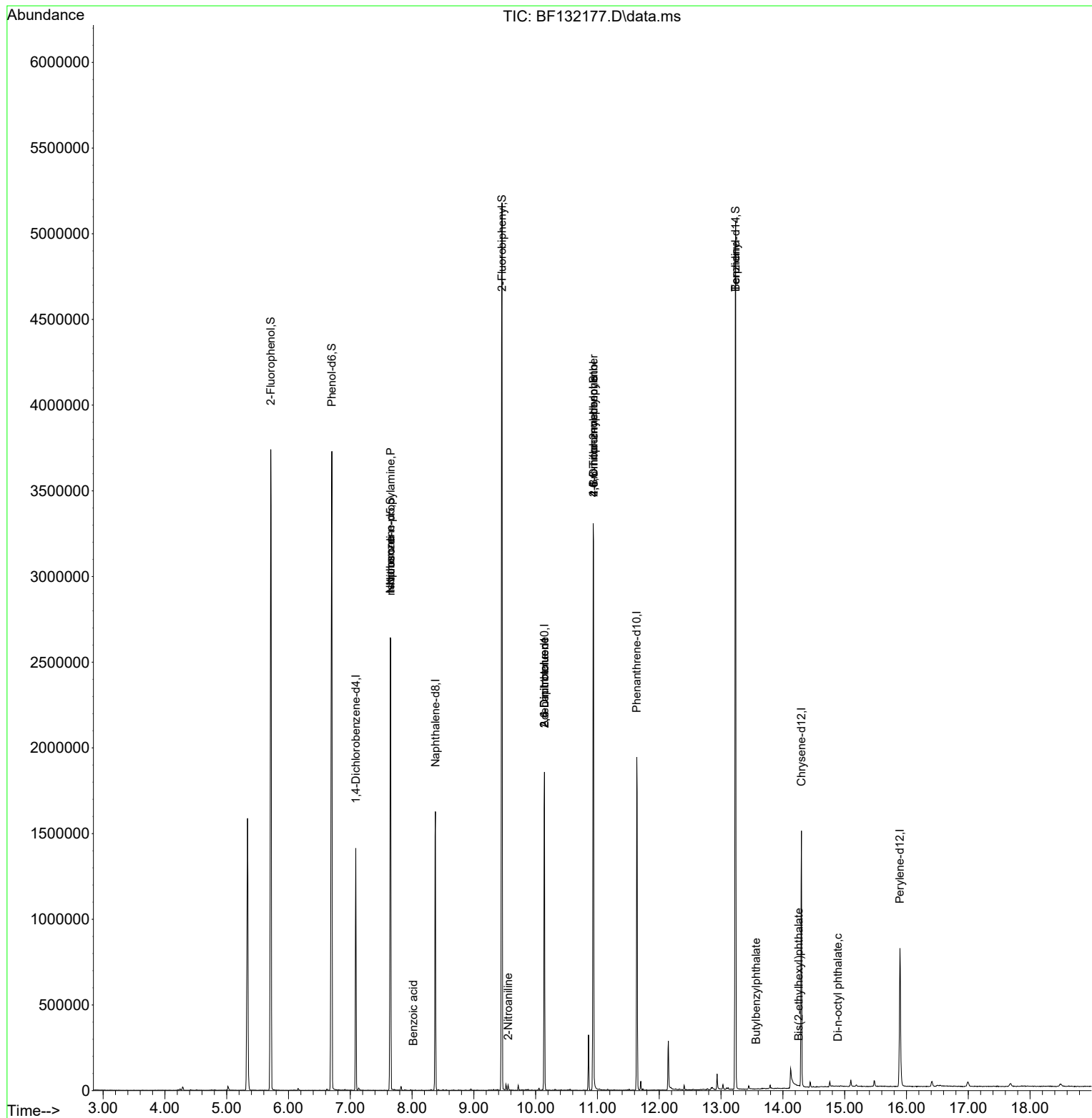
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	185310	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	674589	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	371842	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	723544	20.000	ng	0.00
76) Chrysene-d12	14.301	240	486031	20.000	ng	0.00
86) Perylene-d12	15.895	264	396449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1075359	101.372	ng	0.00
7) Phenol-d6	6.701	99	1395552	104.508	ng	0.00
23) Nitrobenzene-d5	7.648	82	912155	71.831	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	424258	106.817	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1541963	60.595	ng	0.00
79) Terphenyl-d14	13.236	244	1866245	64.320	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.654	70	124780	15.255	ng	# 73
25) Isophorone	7.648	82	911188	36.673	ng	# 67
32) Benzoic acid	8.019	122	65	7.861	ng	# 36
48) 2-Nitroaniline	9.554	65	230	2.565	ng	# 7
51) 2,6-Dinitrotoluene	10.142	165	48456	9.283	ng	# 23
57) 2,4-Dinitrotoluene	10.142	165	48456	7.734	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.936	198	1142	8.080	ng	# 1
67) 4-Bromophenyl-phenylether	10.936	248	26726	3.030	ng	# 1
77) Benzidine	13.236	184	30277	2.075	ng	# 88
80) Butylbenzylphthalate	13.566	149	54	2.924	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.260	149	1012	3.540	ng	# 79
85) Di-n-octyl phthalate	14.889	149	209	5.344	ng	# 1

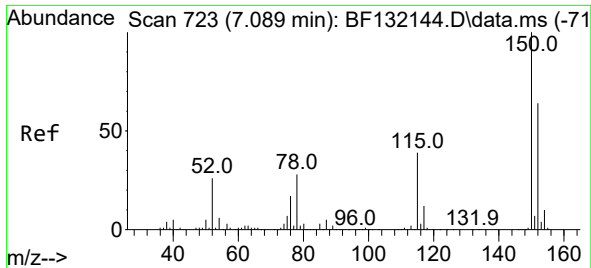
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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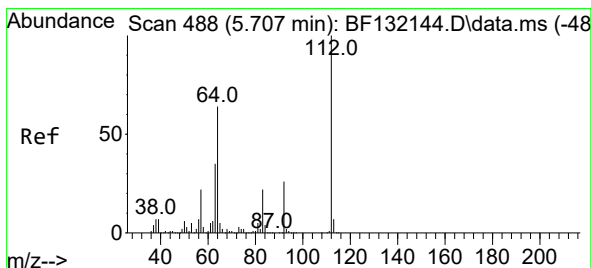
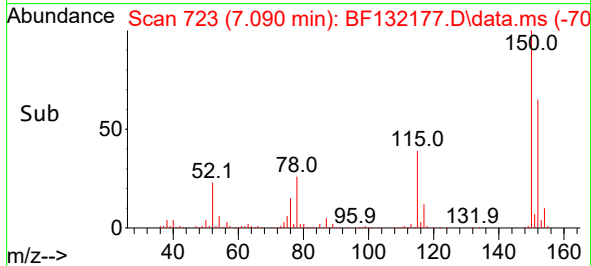
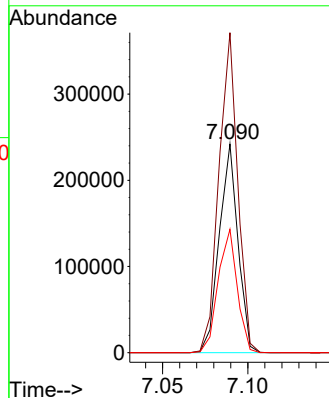
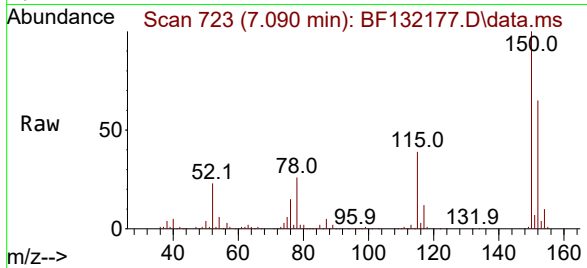




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

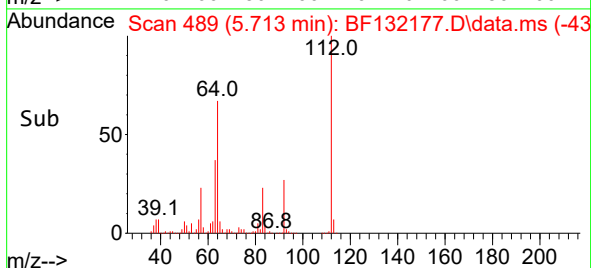
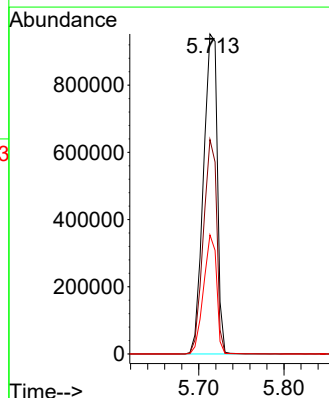
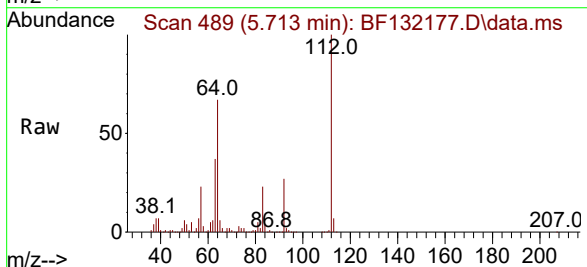
Instrument :
BNA_F
ClientSampleId :
B-P-35A

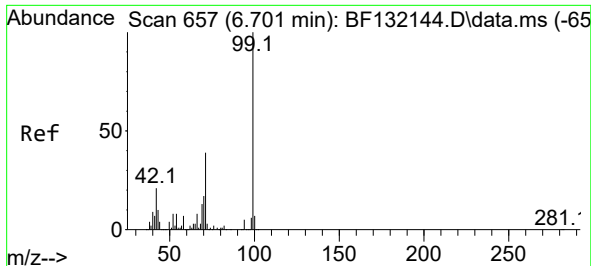
Tgt Ion:152 Resp: 185310
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.8
115 59.1 49.2 73.8



#5
2-Fluorophenol
Concen: 101.372 ng
RT: 5.713 min Scan# 489
Delta R.T. 0.006 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

Tgt Ion:112 Resp: 1075359
Ion Ratio Lower Upper
112 100
64 67.0 51.4 77.0
63 37.2 28.2 42.2

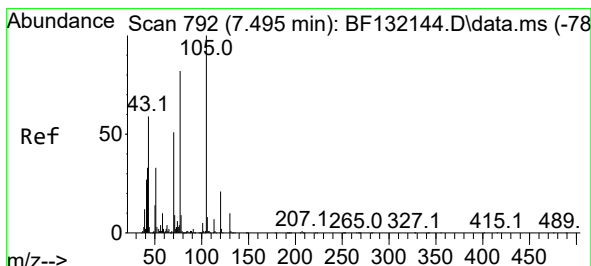
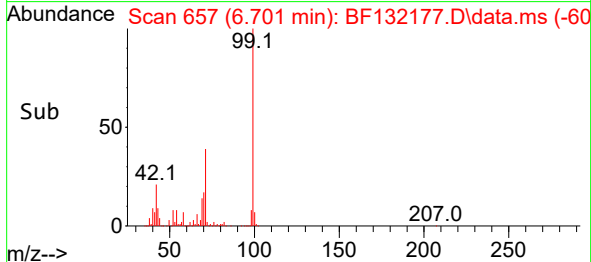
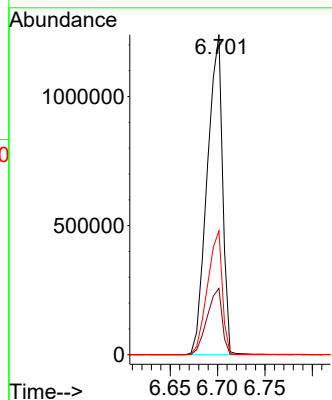
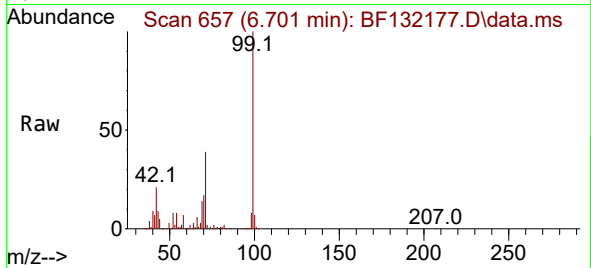




#7
Phenol-d6
Concen: 104.508 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

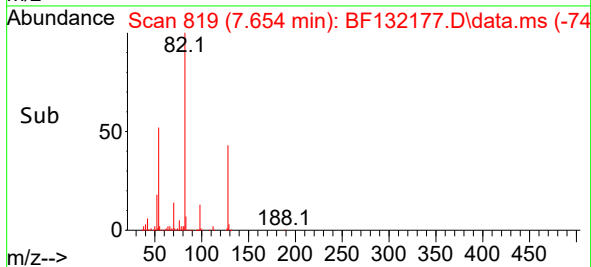
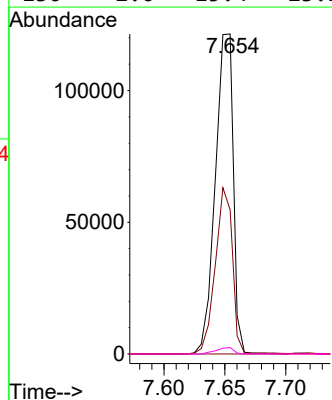
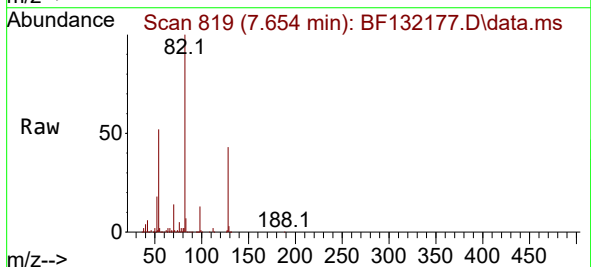
Instrument :
BNA_F
ClientSampleId :
B-P-35A

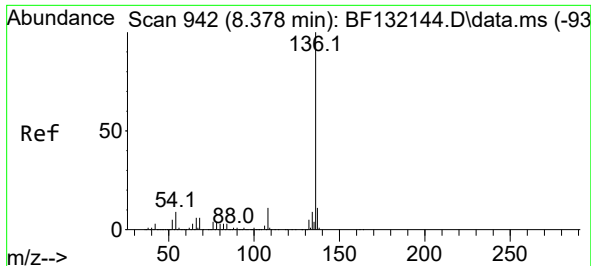
Tgt Ion: 99 Resp: 1395552
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.7 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.255 ng
RT: 7.654 min Scan# 819
Delta R.T. 0.159 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

Tgt Ion: 70 Resp: 124780
Ion Ratio Lower Upper
70 100
42 45.1 51.0 76.4#
101 0.0 7.3 10.9#
130 2.0 15.4 23.2#

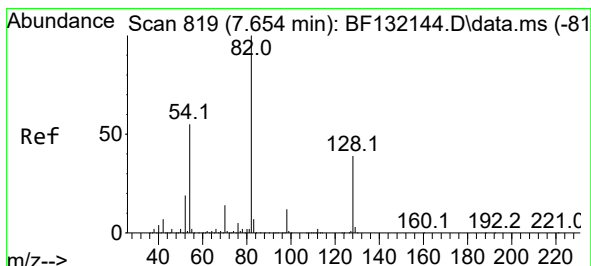
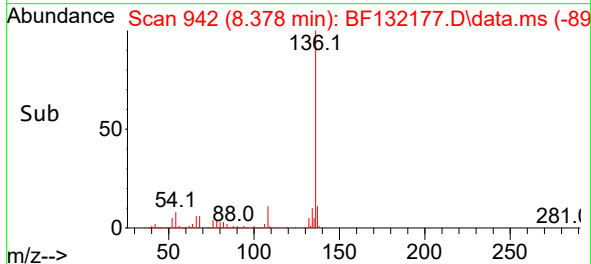
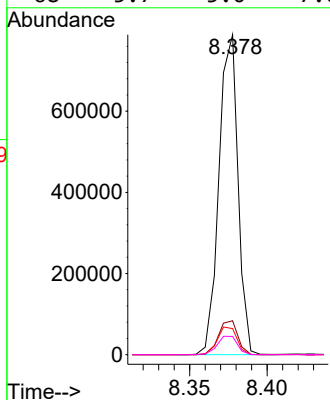
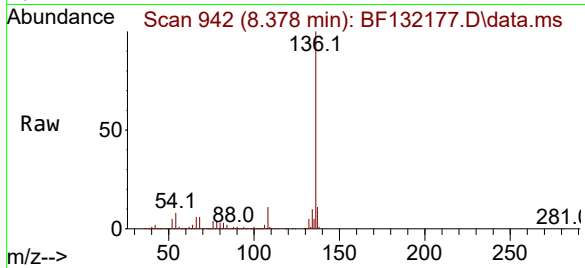




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

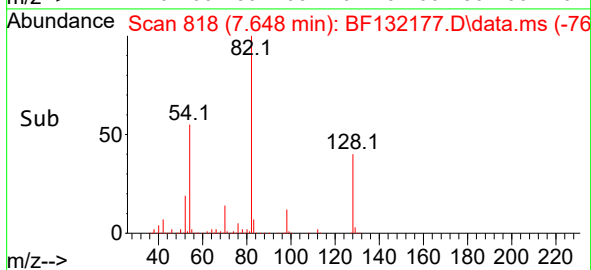
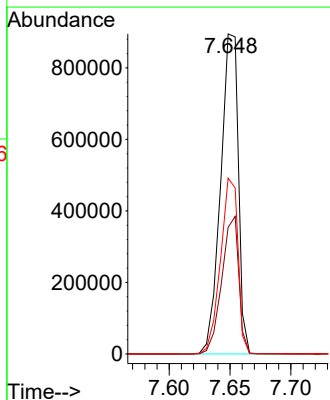
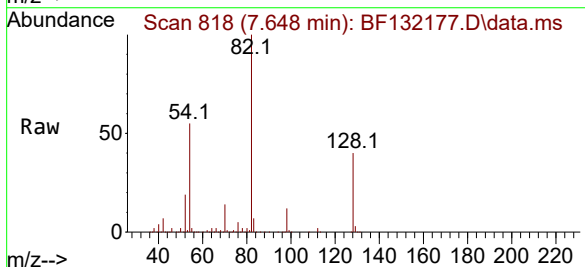
Instrument :
BNA_F
ClientSampleId :
B-P-35A

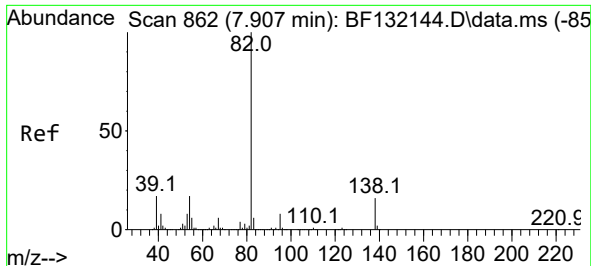
Tgt Ion:136 Resp: 674589
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.1 7.0 10.6
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 71.831 ng
RT: 7.648 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

Tgt Ion: 82 Resp: 912155
Ion Ratio Lower Upper
82 100
128 39.6 31.1 46.7
54 54.9 43.9 65.9

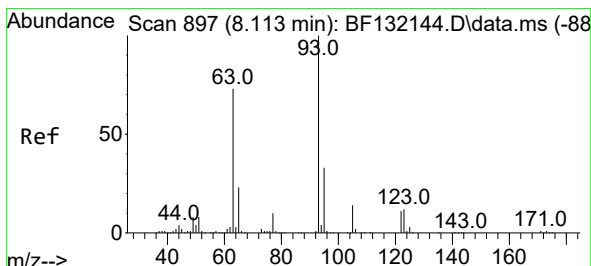
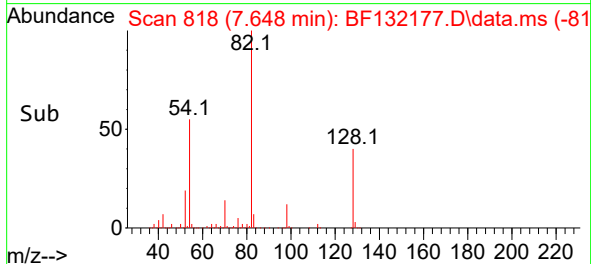
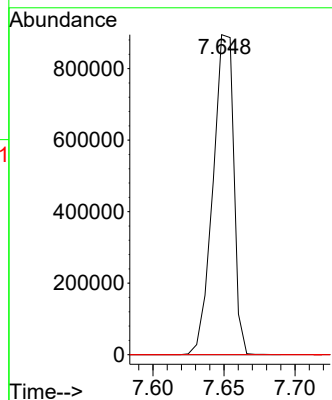
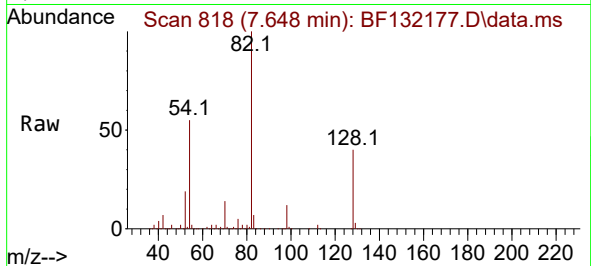




#25
Isophorone
Concen: 36.673 ng
RT: 7.648 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

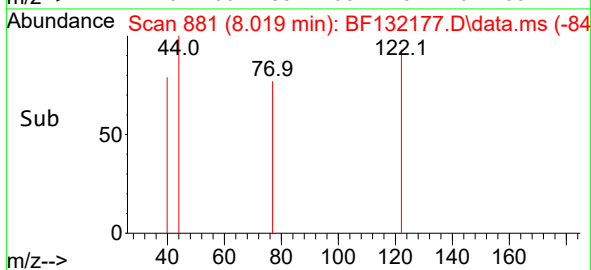
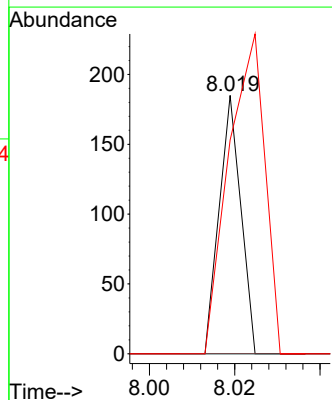
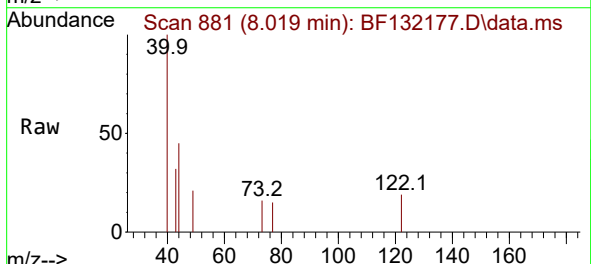
Instrument :
BNA_F
ClientSampleId :
B-P-35A

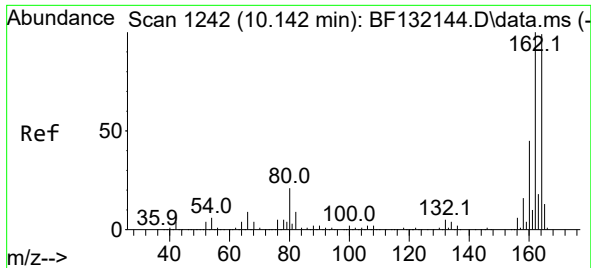
Tgt Ion: 82 Resp: 911188
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.9 19.3#



#32
Benzoic acid
Concen: 7.861 ng
RT: 8.019 min Scan# 881
Delta R.T. -0.094 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

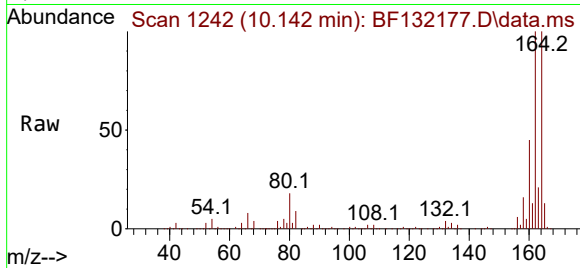
Tgt Ion: 122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 96.8 136.8#
77 82.7 72.5 112.5



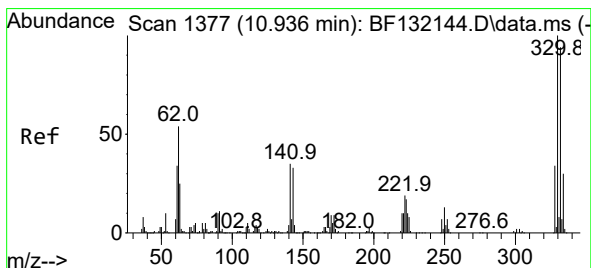
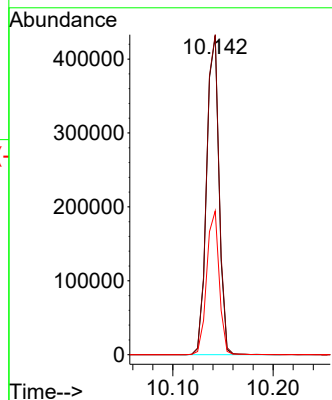
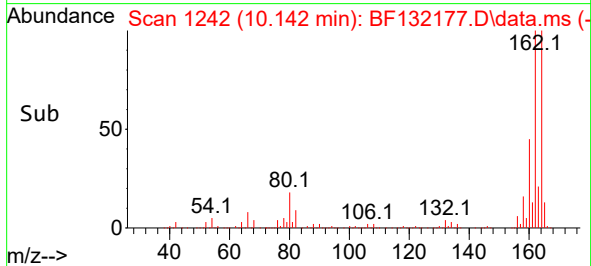


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

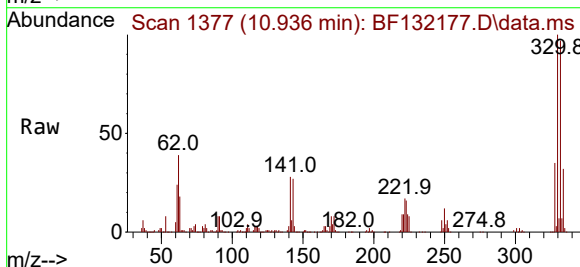
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BNA_F
ClientSampleId :
B-P-35A



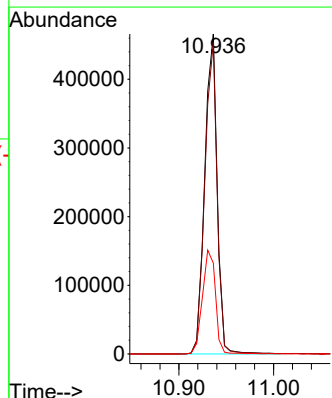
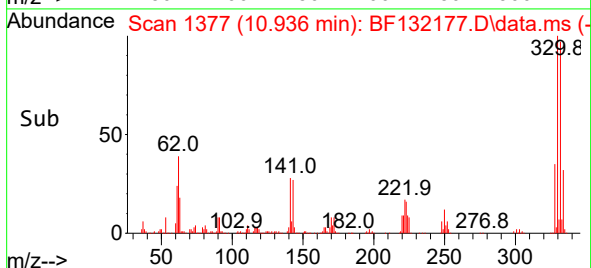
Tgt Ion:164 Resp: 371842
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 45.1 36.9 55.3

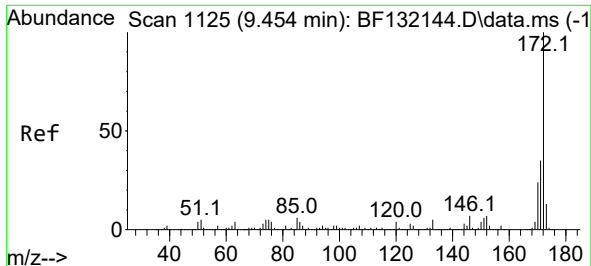


#42
2,4,6-Tribromophenol
Concen: 106.817 ng
RT: 10.936 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51



Tgt Ion:330 Resp: 424258
Ion Ratio Lower Upper
330 100
332 96.7 75.6 113.4
141 34.0 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 60.595 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132177.D

Acq: 20 Jan 2023 23:51

Instrument :

BNA_F

ClientSampleId :

B-P-35A

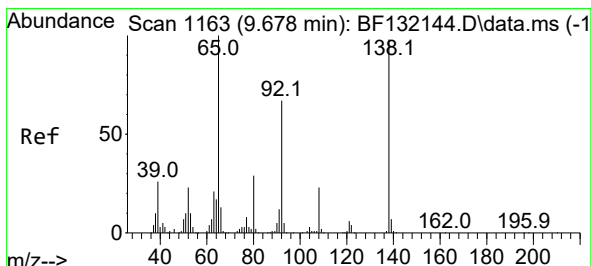
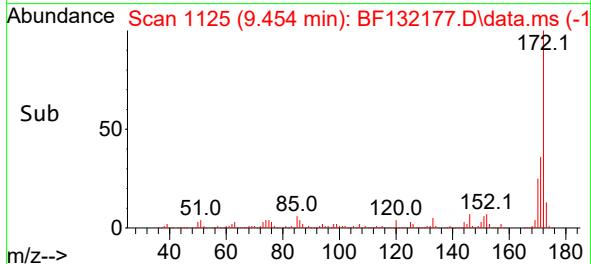
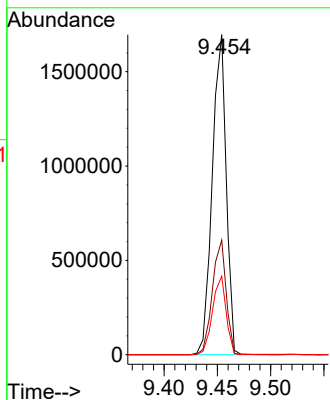
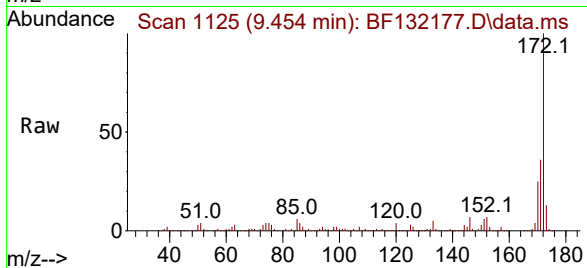
Tgt Ion:172 Resp: 1541963

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 24.5 19.6 29.4



#48

2-Nitroaniline

Concen: 2.565 ng

RT: 9.554 min Scan# 1142

Delta R.T. -0.124 min

Lab File: BF132177.D

Acq: 20 Jan 2023 23:51

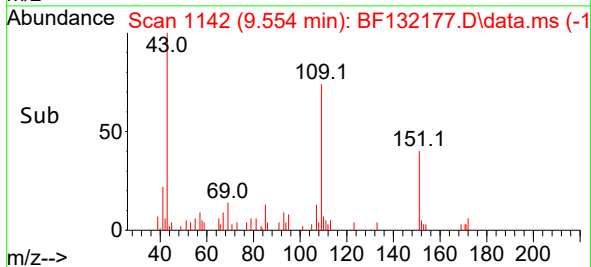
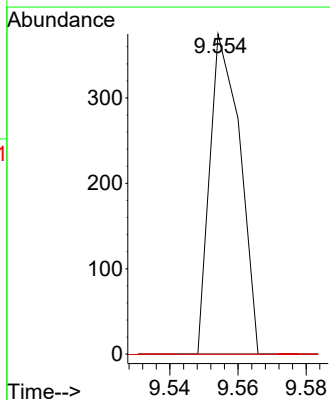
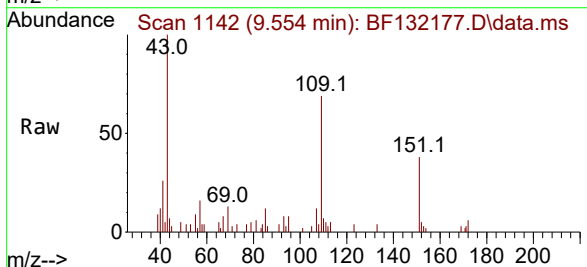
Tgt Ion: 65 Resp: 230

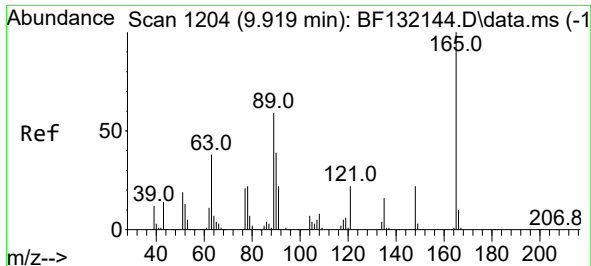
Ion Ratio Lower Upper

65 100

92 0.0 53.8 80.6#

138 0.0 78.7 118.1#

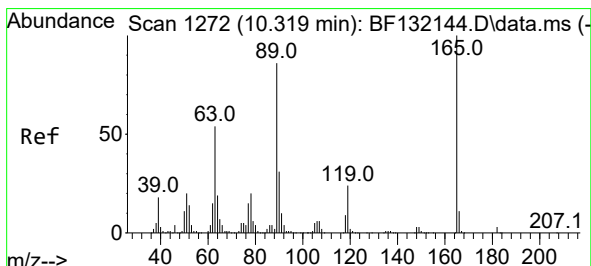
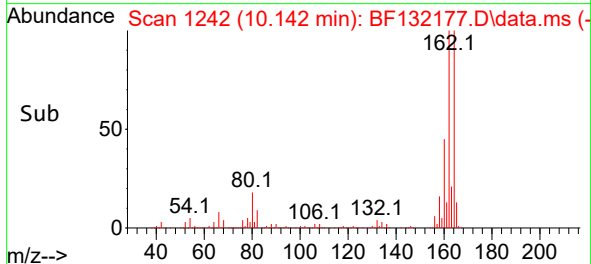
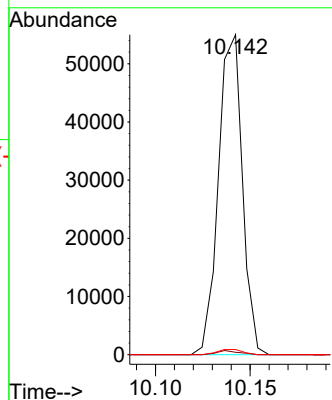
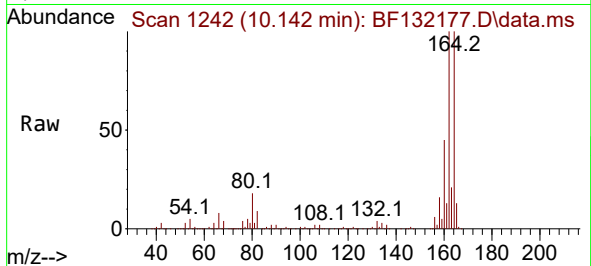




#51
2,6-Dinitrotoluene
Concen: 9.283 ng
RT: 10.142 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

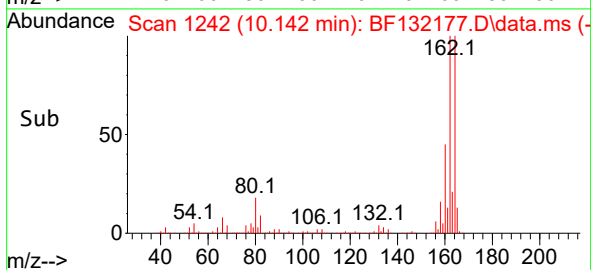
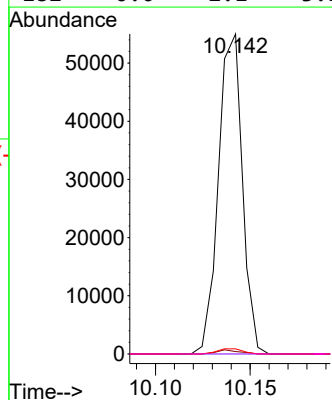
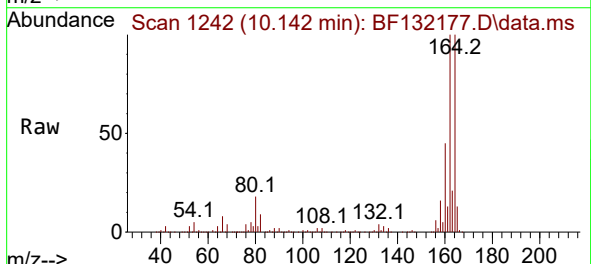
Instrument :
BNA_F
ClientSampleId :
B-P-35A

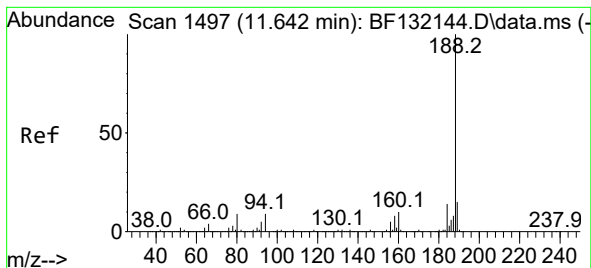
Tgt Ion:165 Resp: 48456
Ion Ratio Lower Upper
165 100
63 0.7 46.6 70.0#
89 1.6 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 7.734 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.177 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

Tgt Ion:165 Resp: 48456
Ion Ratio Lower Upper
165 100
63 0.7 43.5 65.3#
89 1.6 69.0 103.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.636 min Scan# 1496

Delta R.T. -0.006 min

Lab File: BF132177.D

Acq: 20 Jan 2023 23:51

Instrument :

BNA_F

ClientSampleId :

B-P-35A

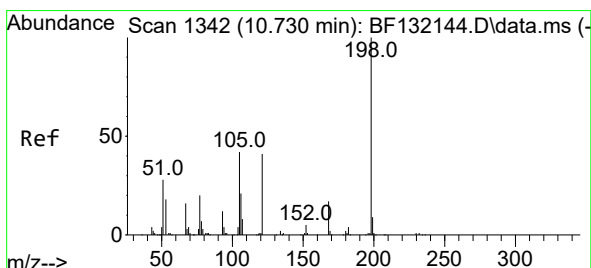
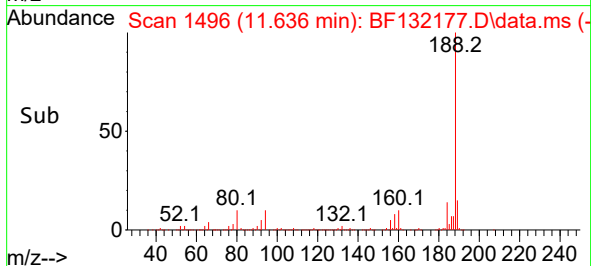
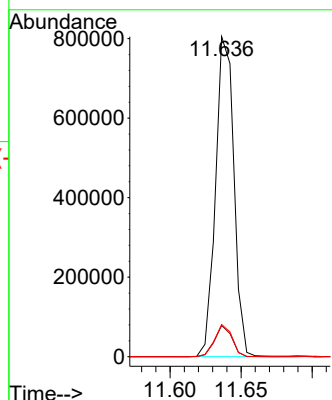
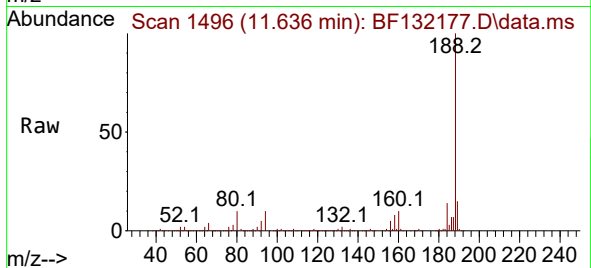
Tgt Ion:188 Resp: 723544

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

80 10.1 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.080 ng

RT: 10.936 min Scan# 1377

Delta R.T. 0.206 min

Lab File: BF132177.D

Acq: 20 Jan 2023 23:51

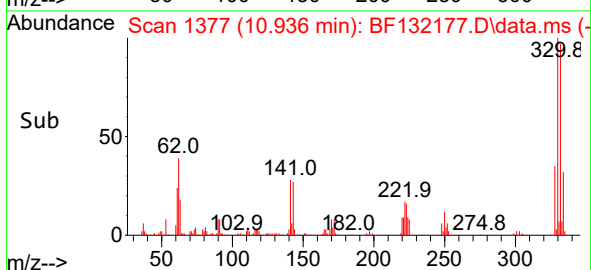
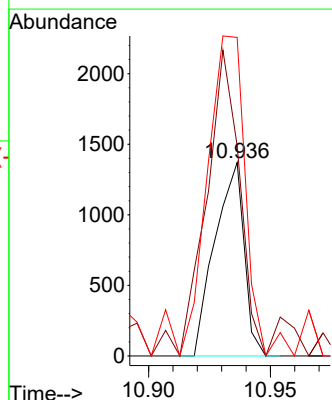
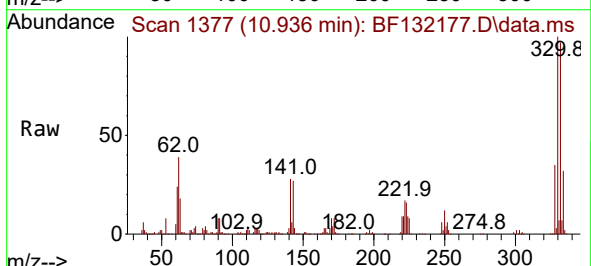
Tgt Ion:198 Resp: 1142

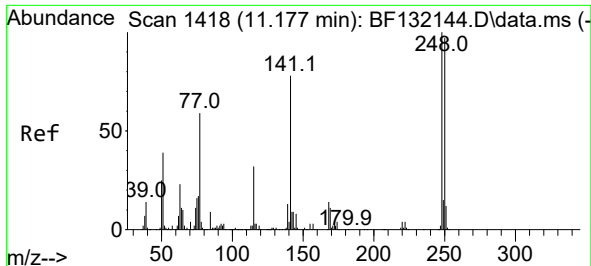
Ion Ratio Lower Upper

198 100

51 108.6 24.3 64.3#

105 164.6 23.3 63.3#

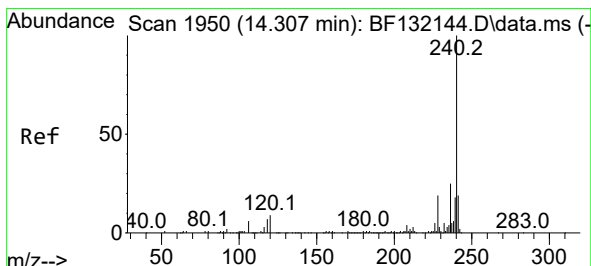
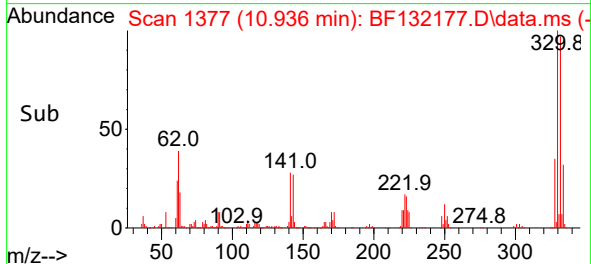
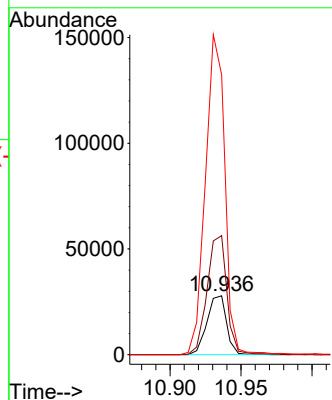
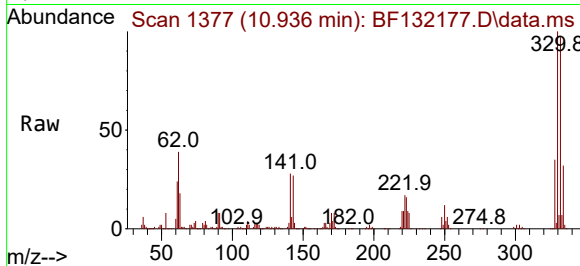




#67
4-Bromophenyl-phenylether
Concen: 3.030 ng
RT: 10.936 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

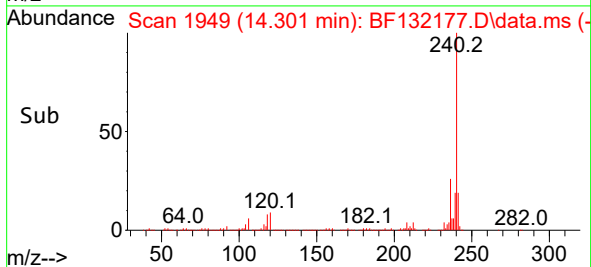
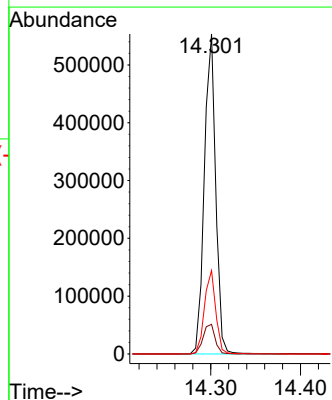
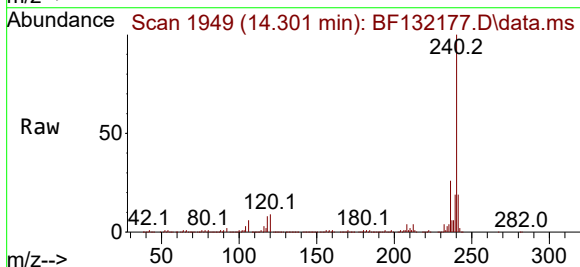
Instrument :
BNA_F
ClientSampleId :
B-P-35A

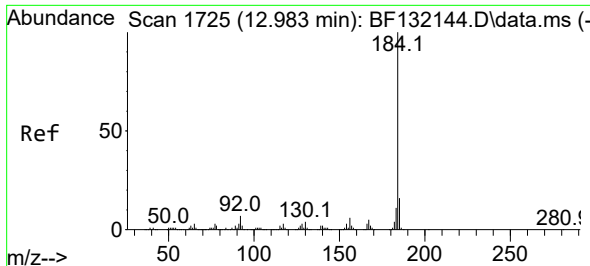
Tgt Ion:248 Resp: 26726
Ion Ratio Lower Upper
248 100
250 202.1 77.4 116.0#
141 475.6 62.2 93.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.301 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

Tgt Ion:240 Resp: 486031
Ion Ratio Lower Upper
240 100
120 9.3 6.9 10.3
236 26.1 20.3 30.5

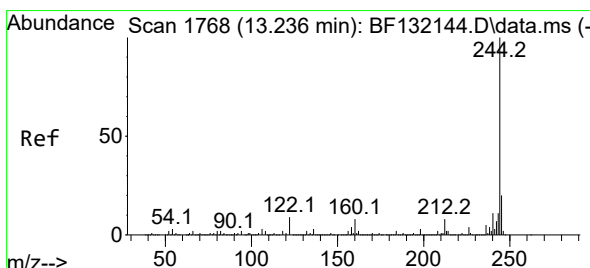
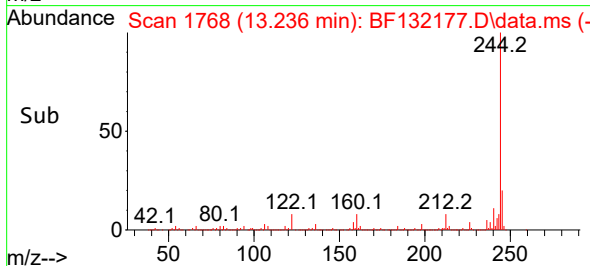
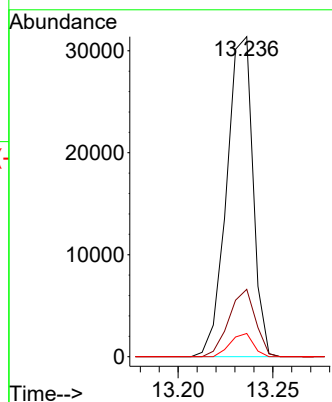
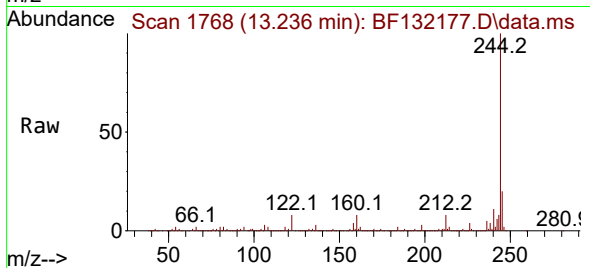




#77
Benzidine
Concen: 2.075 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.253 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

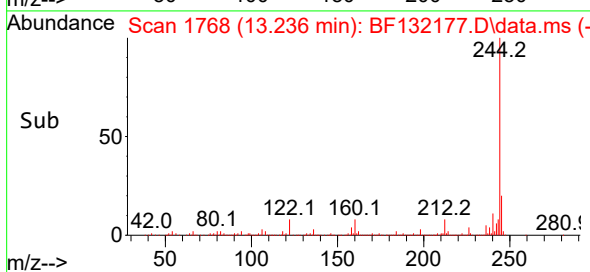
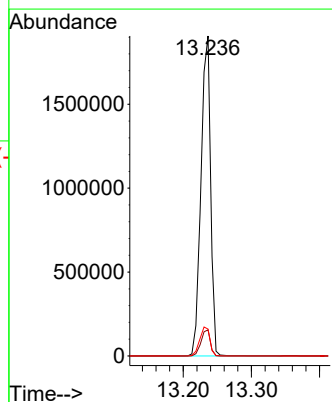
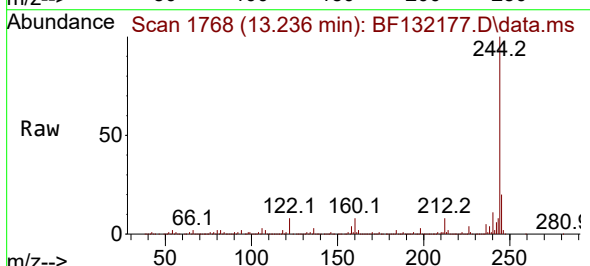
Instrument :
BNA_F
ClientSampleId :
B-P-35A

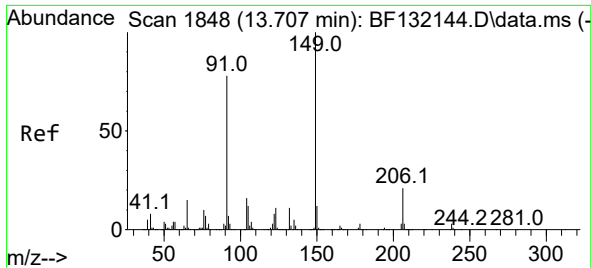
Tgt Ion:184 Resp: 30277
Ion Ratio Lower Upper
184 100
185 21.0 12.5 18.7#
183 7.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 64.320 ng
RT: 13.236 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF132177.D
Acq: 20 Jan 2023 23:51

Tgt Ion:244 Resp: 1866245
Ion Ratio Lower Upper
244 100
212 8.1 6.7 10.1
122 8.4 7.4 11.2

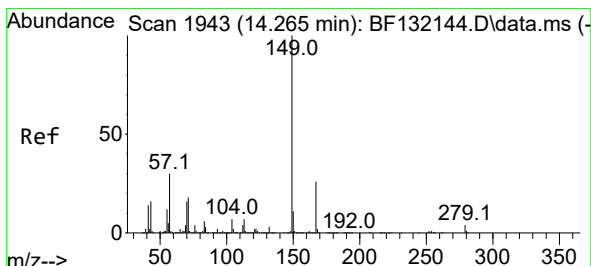
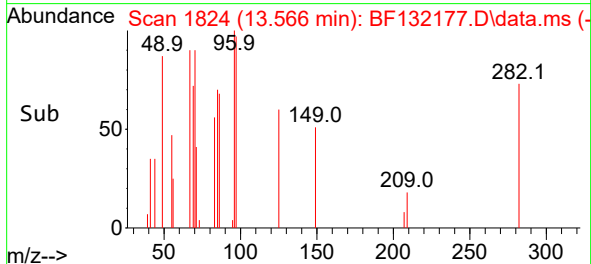
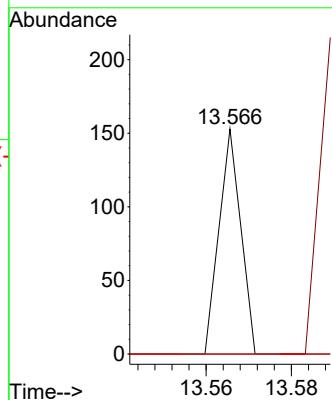
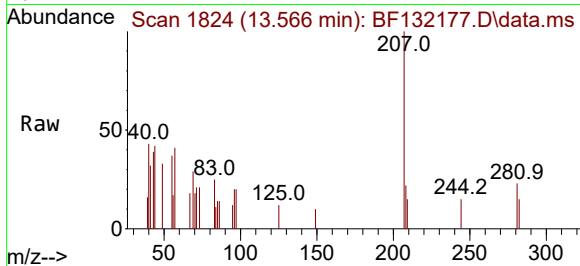




#80
 Butylbenzylphthalate
 Concen: 2.924 ng
 RT: 13.566 min Scan# 1848
 Delta R.T. -0.141 min
 Lab File: BF132177.D
 Acq: 20 Jan 2023 23:51

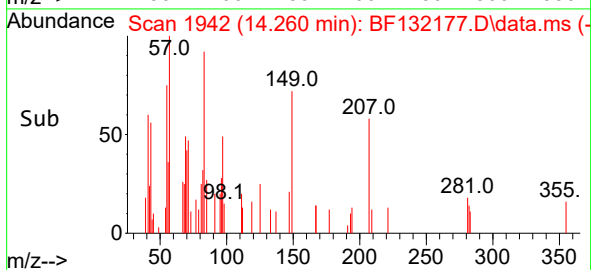
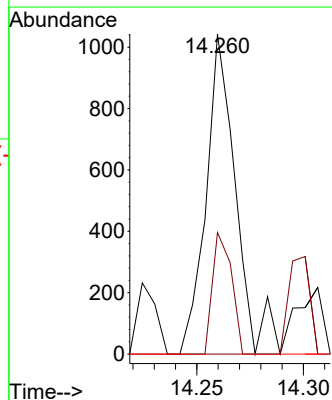
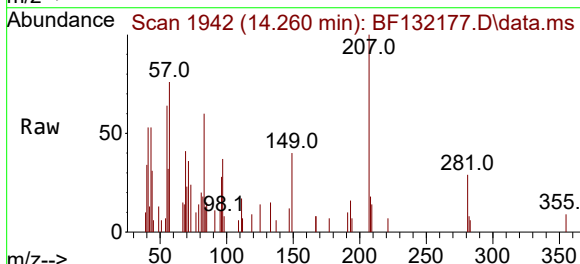
Instrument :
 BNA_F
 ClientSampleId :
 B-P-35A

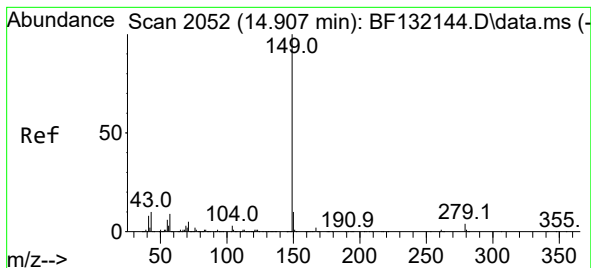
Tgt Ion:149	Resp:	54
Ion Ratio	Lower	Upper
149	100	
91	0.0	62.6 94.0#
206	0.0	16.4 24.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.540 ng
 RT: 14.260 min Scan# 1942
 Delta R.T. -0.005 min
 Lab File: BF132177.D
 Acq: 20 Jan 2023 23:51

Tgt Ion:149	Resp:	1012
Ion Ratio	Lower	Upper
149	100	
167	38.0	21.0 31.6#
279	0.0	3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 5.344 ng

RT: 14.889 min Scan# 2049

Delta R.T. -0.018 min

Lab File: BF132177.D

Acq: 20 Jan 2023 23:51

Instrument :

BNA_F

ClientSampleId :

B-P-35A

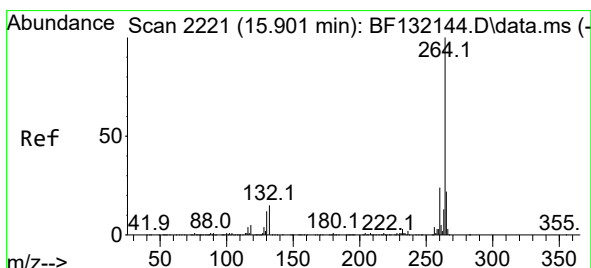
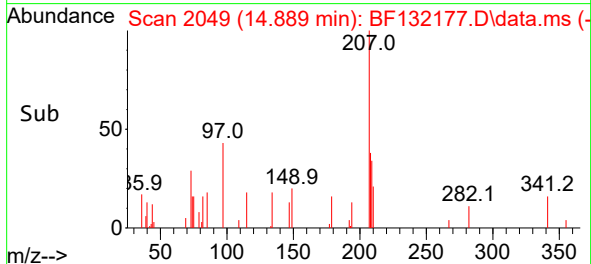
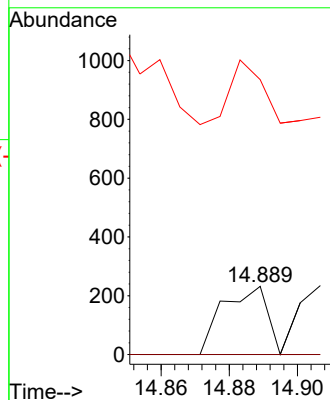
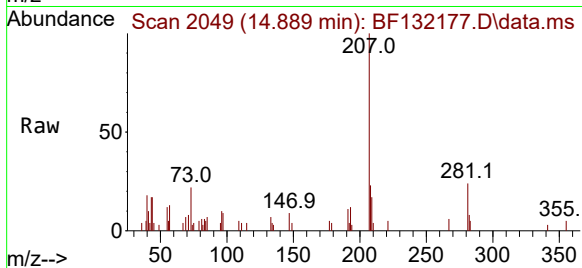
Tgt Ion:149 Resp: 209

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 249.8 8.4 12.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.895 min Scan# 2220

Delta R.T. -0.006 min

Lab File: BF132177.D

Acq: 20 Jan 2023 23:51

Tgt Ion:264 Resp: 396449

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.6 17.4 26.0

