

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130540.D
 Acq On : 05 Oct 2022 20:45
 Operator : CG\JU
 Sample : N4966-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 257248-5

Quant Time: Oct 06 01:14:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 06 01:07:05 2022
 Response via : Initial Calibration

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

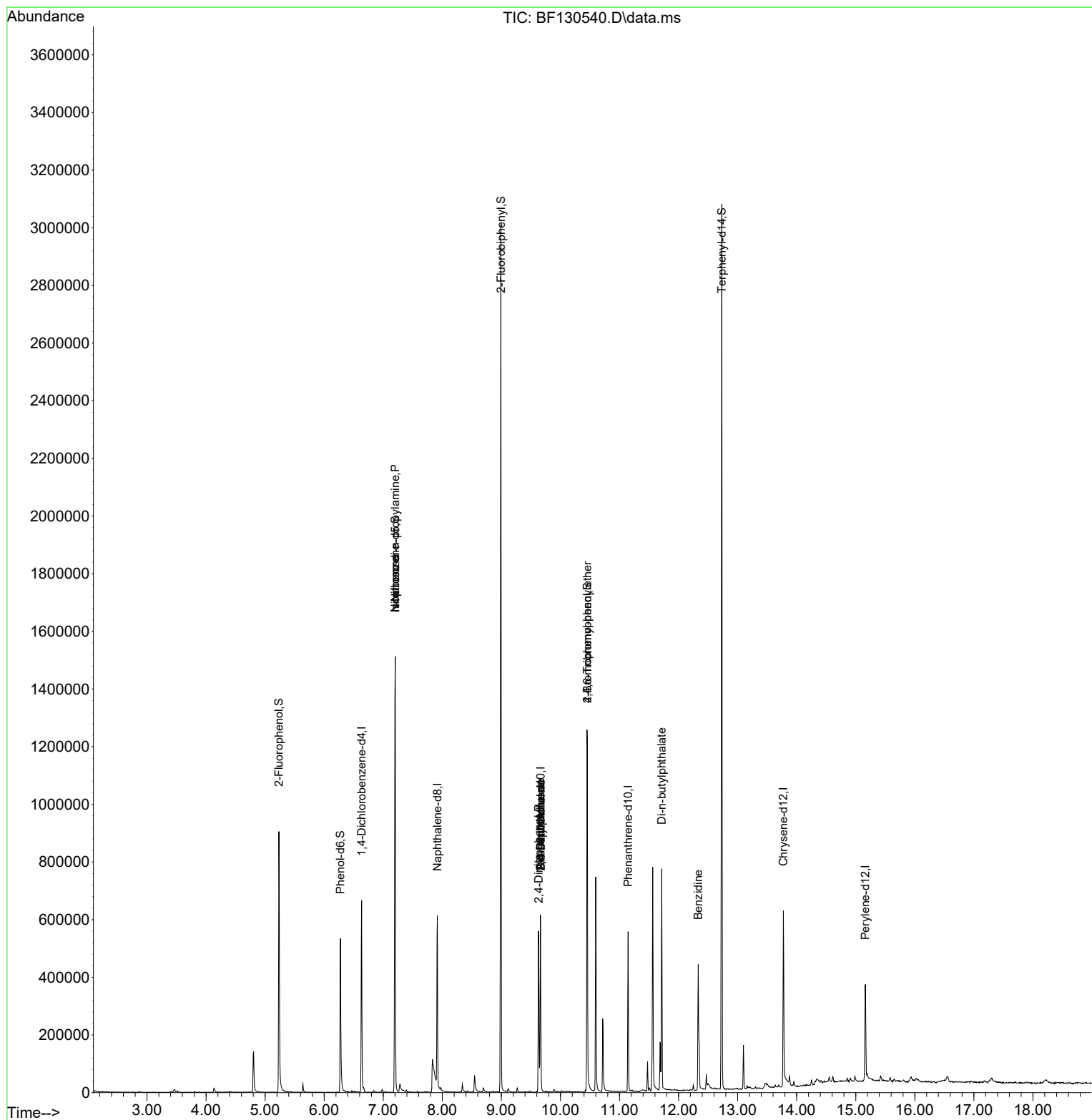
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	70483	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	243739	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	106801	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	180581	20.000	ng	0.00
76) Chrysene-d12	13.774	240	191723	20.000	ng	0.00
86) Perylene-d12	15.163	264	142024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	263924	64.947	ng	0.00
7) Phenol-d6	6.275	99	184848	36.354	ng	0.00
23) Nitrobenzene-d5	7.204	82	501011	105.014	ng	0.00
42) 2,4,6-Tribromophenol	10.457	330	157999	154.393	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	807302	110.073	ng	0.00
79) Terphenyl-d14	12.733	244	952253	82.275	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.204	70	67201	19.587	ng	# 71
25) Isophorone	7.204	82	501063	65.161	ng	# 66
50) Dimethylphthalate	9.663	163	18227	2.471	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	13258	8.593	ng	# 15
54) 2,4-Dinitrophenol	9.633	184	406	6.701	ng	# 8
57) 2,4-Dinitrotoluene	9.663	165	13258	6.724	ng	# 15
67) 4-Bromophenyl-phenylether	10.457	248	9629	4.834	ng	# 1
74) Di-n-butylphthalate	11.716	149	329902	30.983	ng	99
77) Benzidine	12.333	184	174354	31.327	ng	# 86

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
Data File : BF130540.D
Acq On : 05 Oct 2022 20:45
Operator : CG\JU
Sample : N4966-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
257248-5

Quant Time: Oct 06 01:14:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 01:07:05 2022
Response via : Initial Calibration

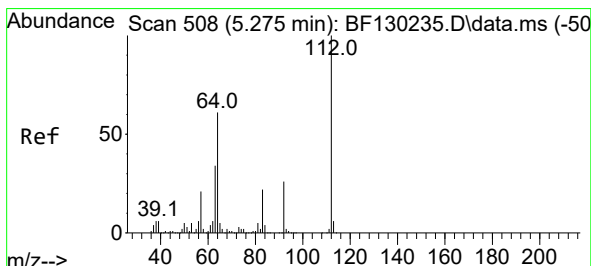
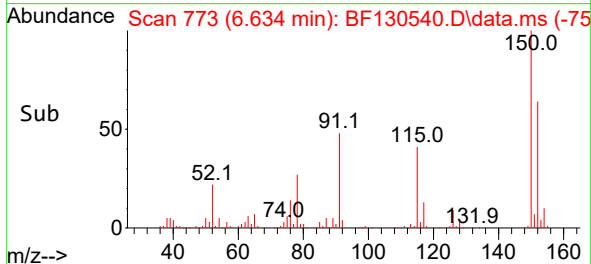
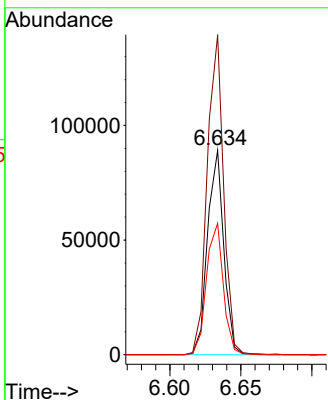
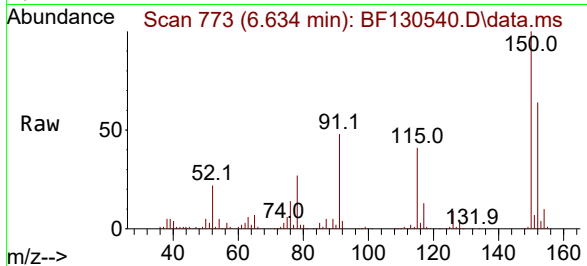




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

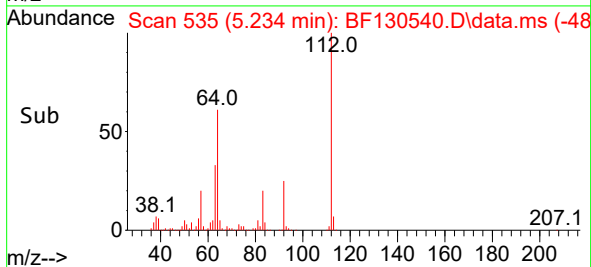
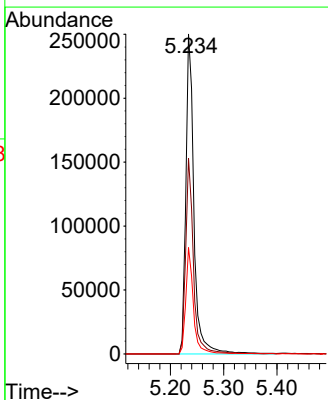
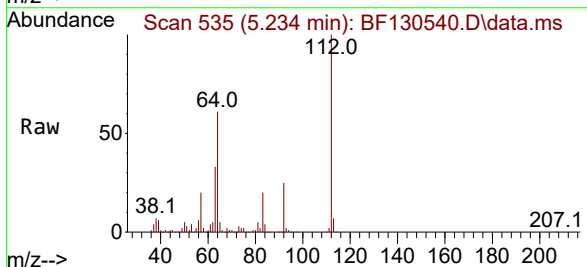
Instrument :
BNA_F
ClientSampleId :
257248-5

Tgt Ion:152 Resp: 70483
Ion Ratio Lower Upper
152 100
150 156.6 122.8 184.2
115 64.2 53.8 80.8



#5
2-Fluorophenol
Concen: 64.947 ng
RT: 5.234 min Scan# 535
Delta R.T. 0.006 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion:112 Resp: 263924
Ion Ratio Lower Upper
112 100
64 61.2 51.4 77.0
63 33.2 28.8 43.2

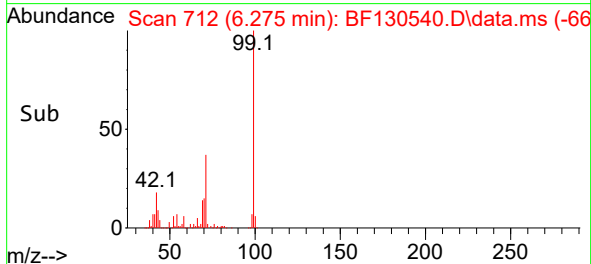
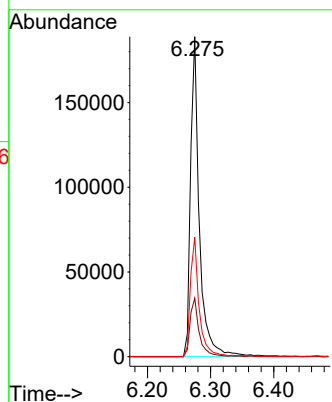
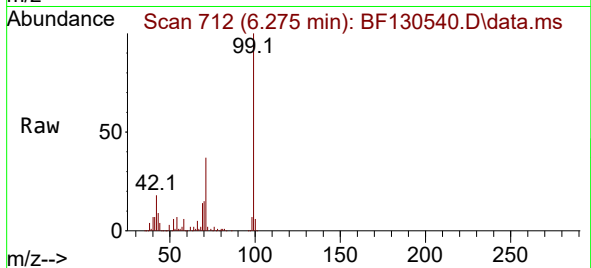




#7
Phenol-d6
Concen: 36.354 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

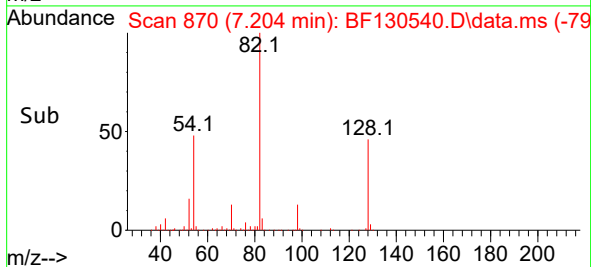
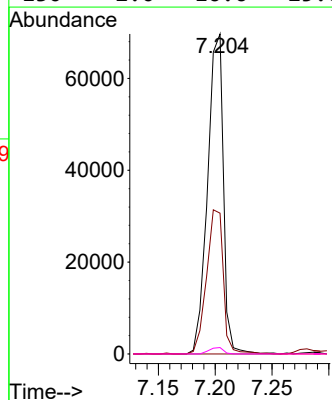
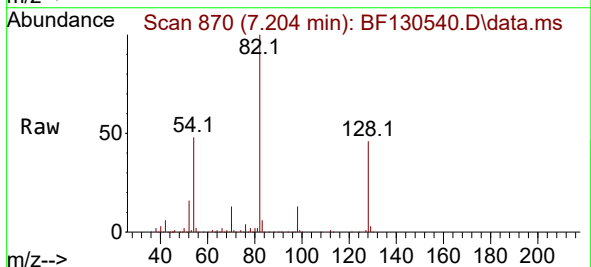
Instrument :
BNA_F
ClientSampleId :
257248-5

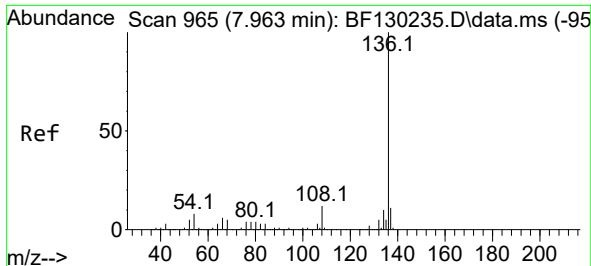
Tgt Ion: 99 Resp: 184848
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 37.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.587 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.147 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion: 70 Resp: 67201
Ion Ratio Lower Upper
70 100
42 44.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

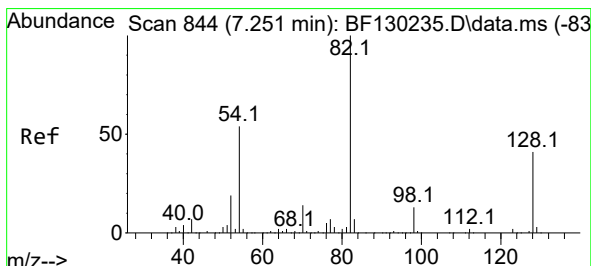
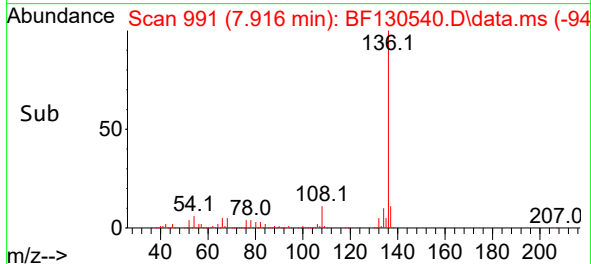
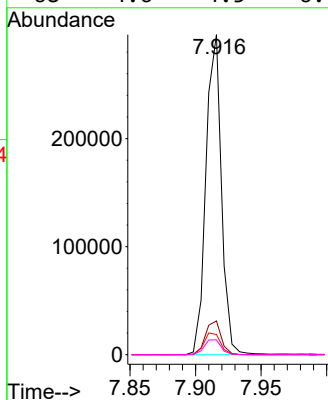
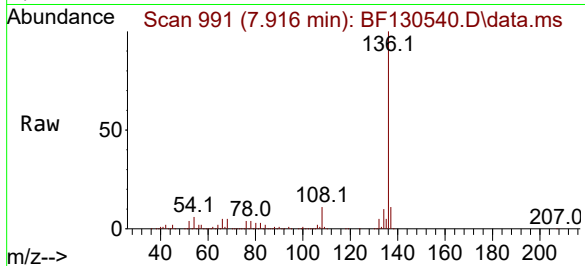




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

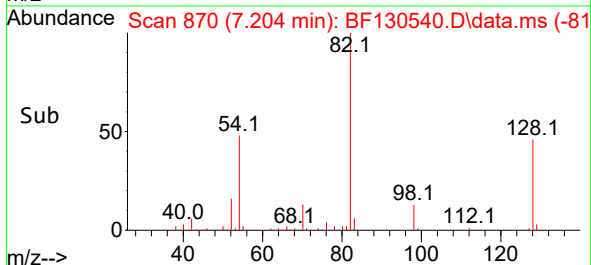
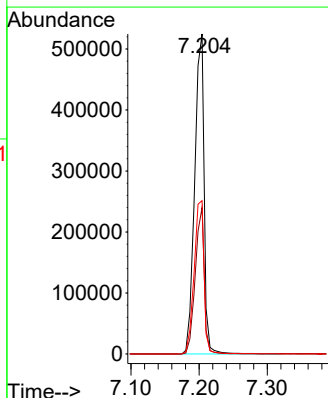
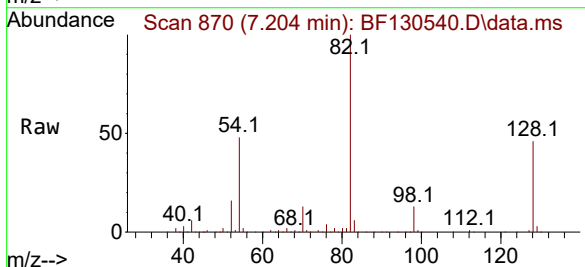
Instrument :
BNA_F
ClientSampleId :
257248-5

Tgt Ion:136 Resp: 243739
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.3 7.1 10.7#
68 4.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 105.014 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion: 82 Resp: 501011
Ion Ratio Lower Upper
82 100
128 45.7 32.6 49.0
54 47.9 43.8 65.6

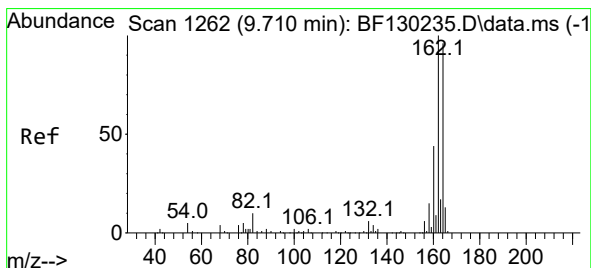
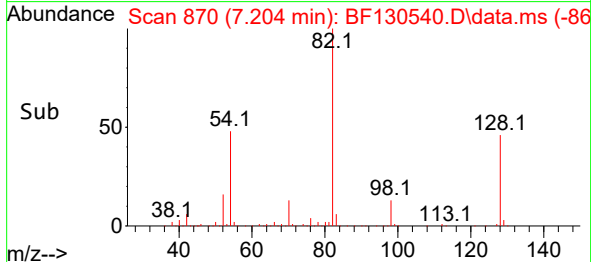
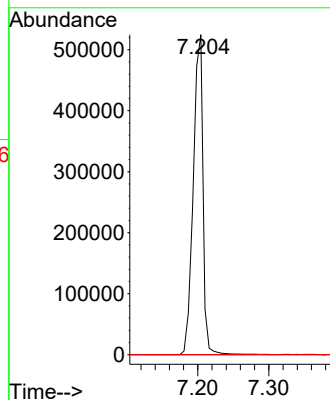
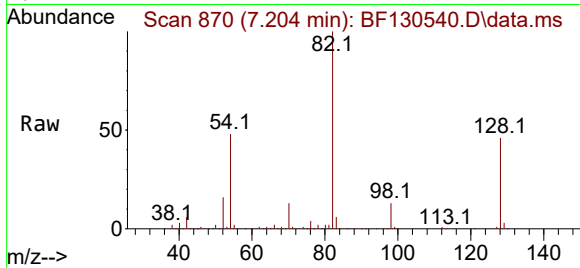




#25
Isophorone
Concen: 65.161 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

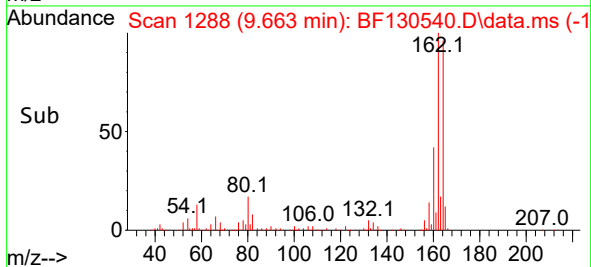
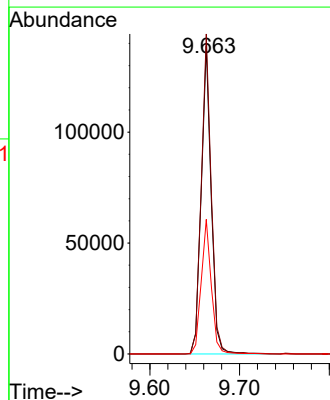
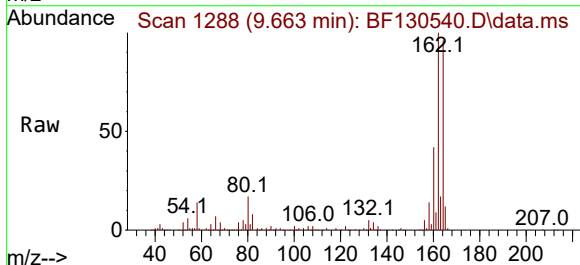
Instrument :
BNA_F
ClientSampleId :
257248-5

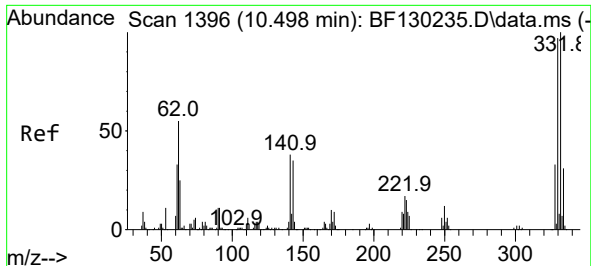
Tgt Ion: 82 Resp: 501063
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion:164 Resp: 106801
Ion Ratio Lower Upper
164 100
162 104.0 81.4 122.0
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 154.393 ng

RT: 10.457 min Scan# 1423

Delta R.T. 0.000 min

Lab File: BF130540.D

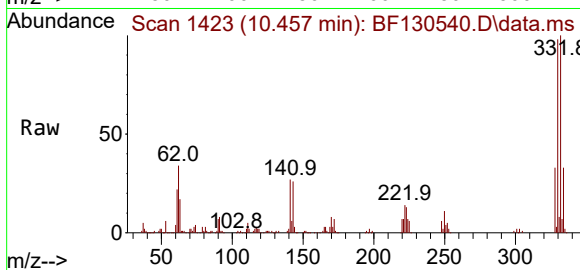
Acq: 05 Oct 2022 20:45

Instrument :

BNA_F

ClientSampleId :

257248-5



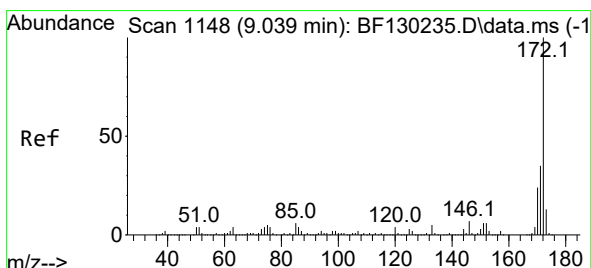
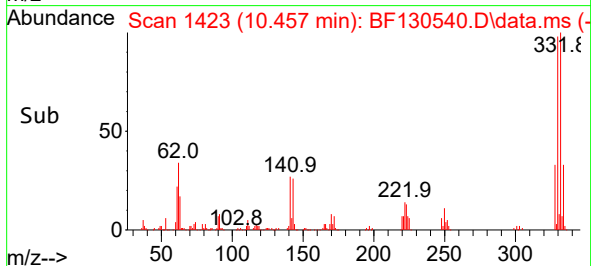
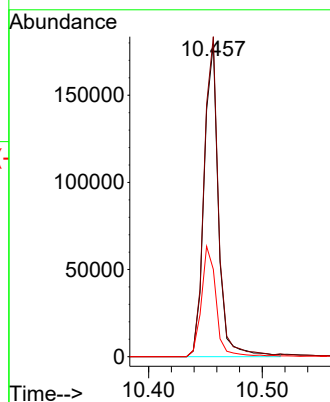
Tgt Ion:330 Resp: 157999

Ion Ratio Lower Upper

330 100

332 104.1 83.4 125.2

141 36.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 110.073 ng

RT: 8.992 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF130540.D

Acq: 05 Oct 2022 20:45

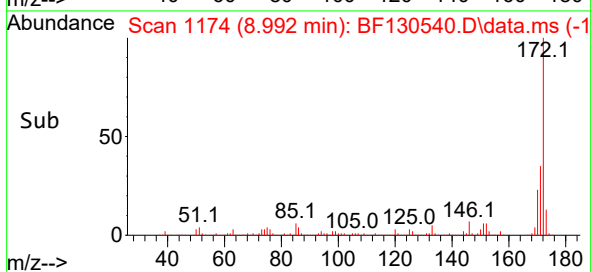
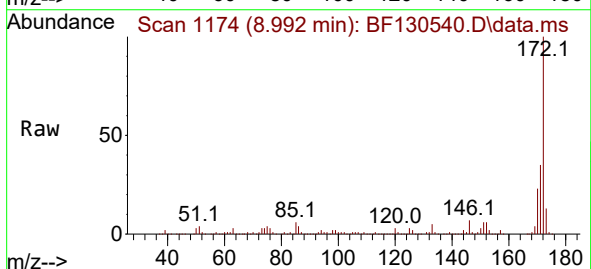
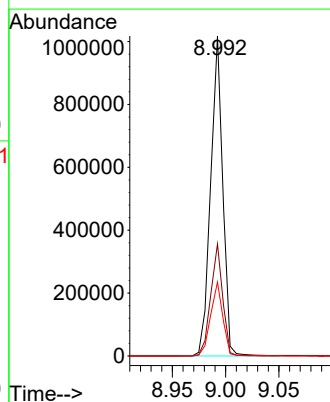
Tgt Ion:172 Resp: 807302

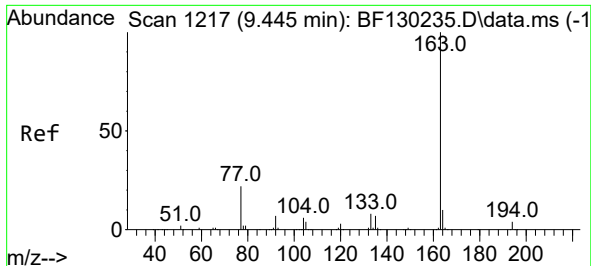
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.1 18.7 28.1

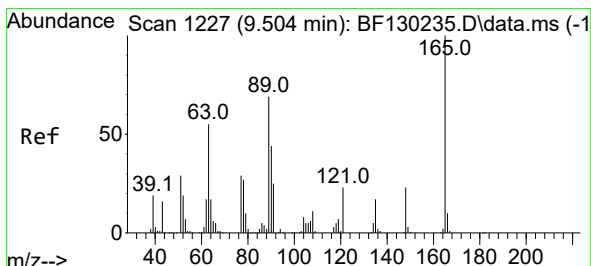
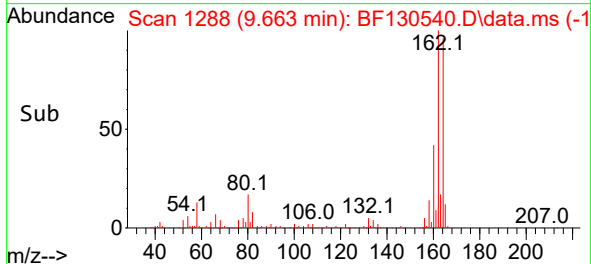
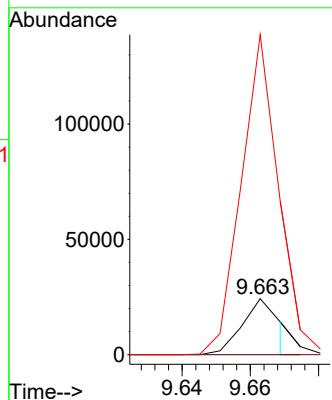
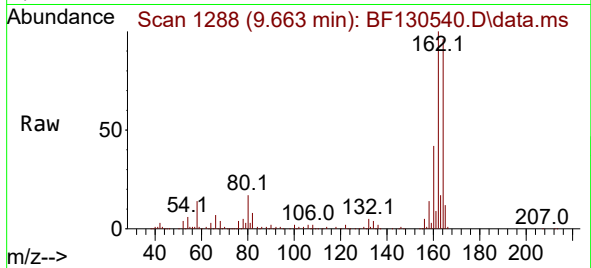




#50
Dimethylphthalate
Concen: 2.471 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.265 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

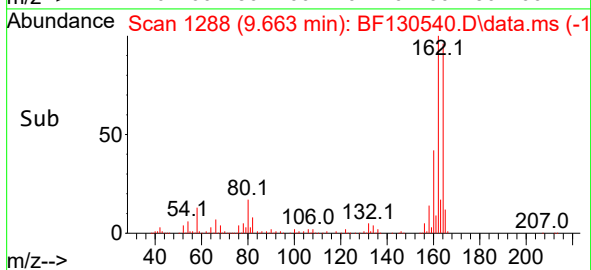
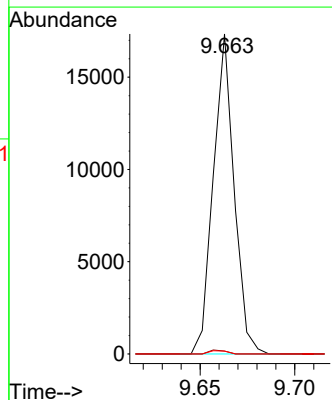
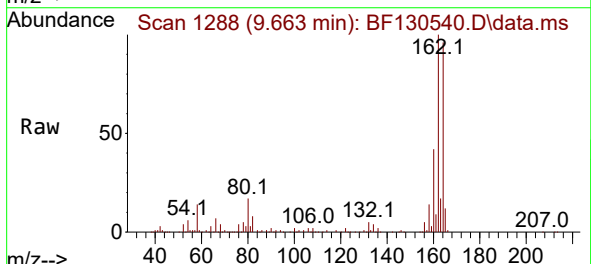
Instrument :
BNA_F
ClientSampleId :
257248-5

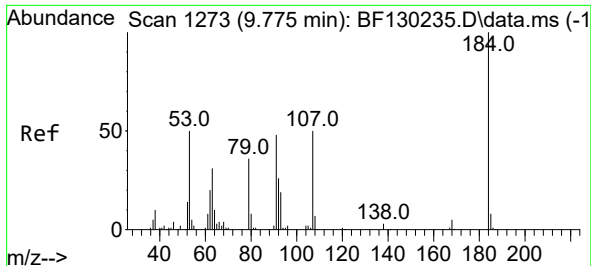
Tgt Ion:163 Resp: 18227
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 571.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.593 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion:165 Resp: 13258
Ion Ratio Lower Upper
165 100
63 0.9 58.8 88.2#
89 0.9 54.5 81.7#

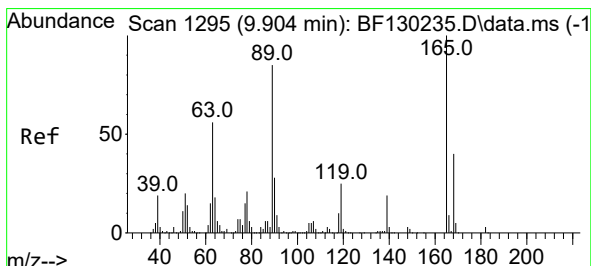
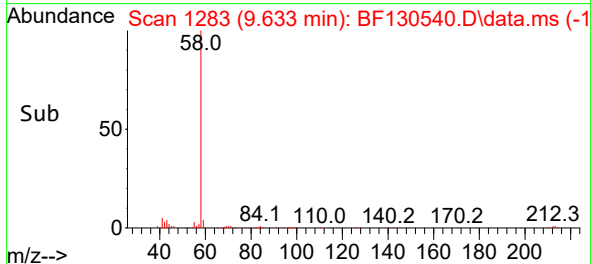
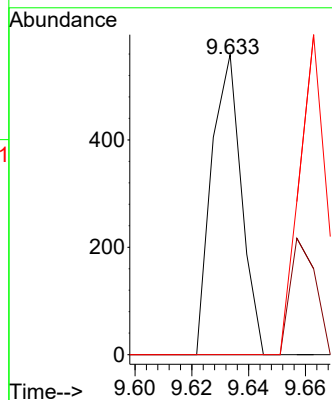
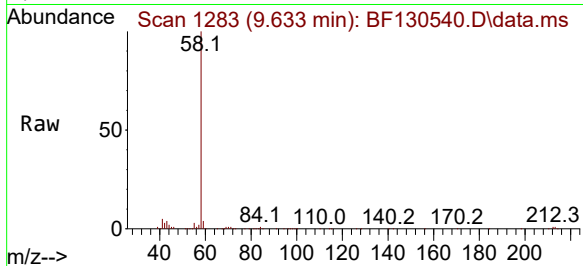




#54
2,4-Dinitrophenol
Concen: 6.701 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.106 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

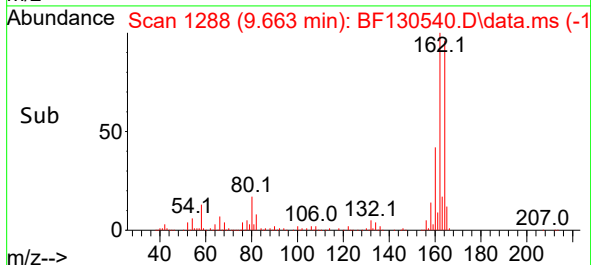
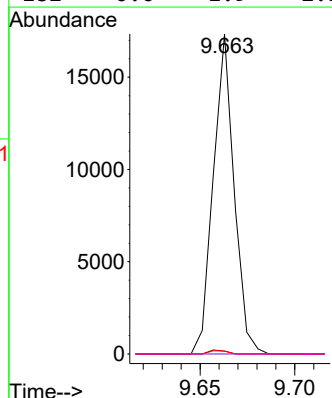
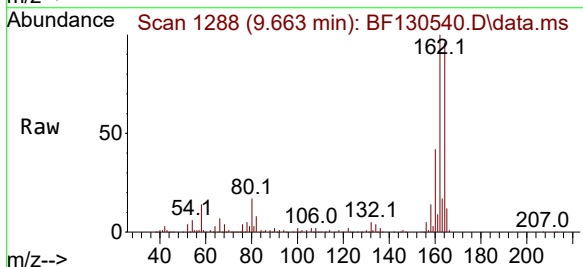
Instrument :
BNA_F
ClientSampleId :
257248-5

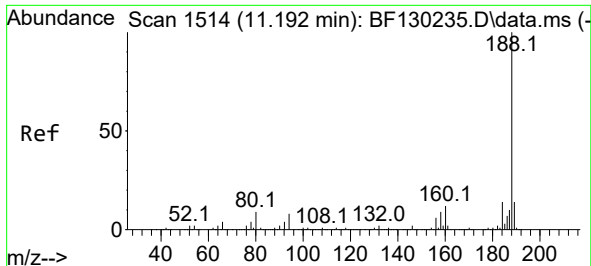
Tgt Ion:184 Resp: 406
Ion Ratio Lower Upper
184 100
63 0.0 70.0 105.0#
154 0.0 63.0 94.6#



#57
2,4-Dinitrotoluene
Concen: 6.724 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.200 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion:165 Resp: 13258
Ion Ratio Lower Upper
165 100
63 0.9 44.7 67.1#
89 0.9 69.0 103.4#
182 0.0 1.9 2.9#

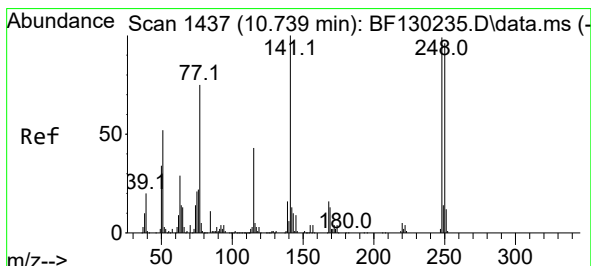
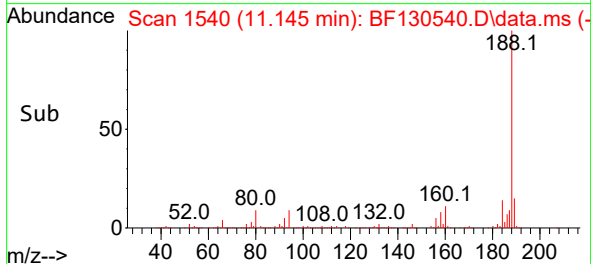
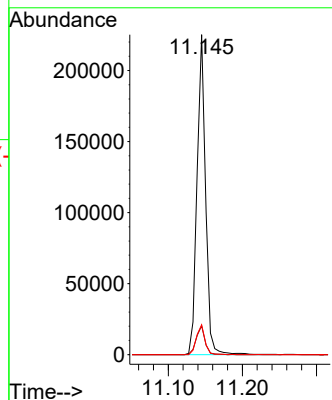
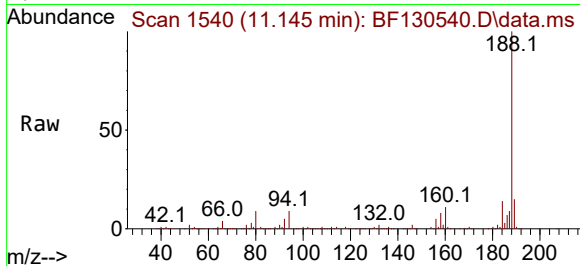




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

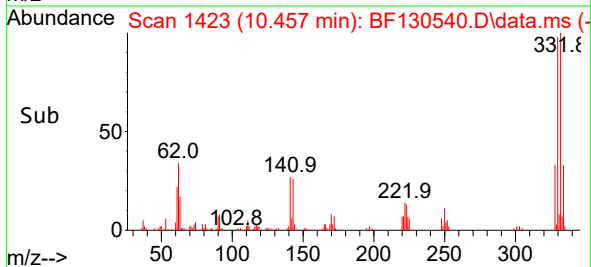
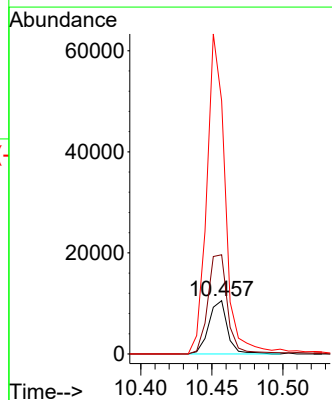
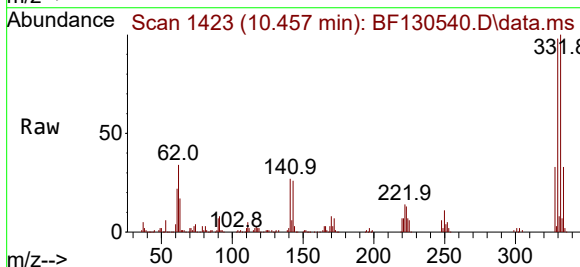
Instrument :
BNA_F
ClientSampleId :
257248-5

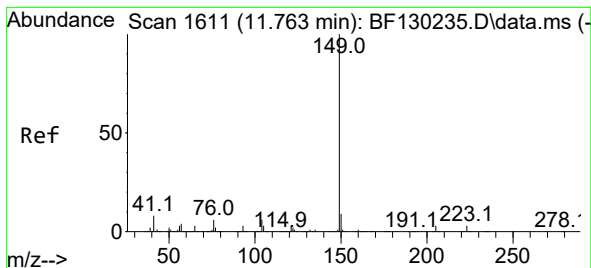
Tgt Ion:188 Resp: 180581
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.3 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.834 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion:248 Resp: 9629
Ion Ratio Lower Upper
248 100
250 186.4 80.0 120.0#
141 475.7 68.5 102.7#





#74

Di-n-butylphthalate

Concen: 30.983 ng

RT: 11.716 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF130540.D

Acq: 05 Oct 2022 20:45

Instrument :

BNA_F

ClientSampleId :

257248-5

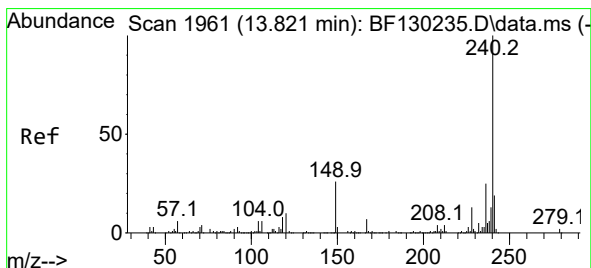
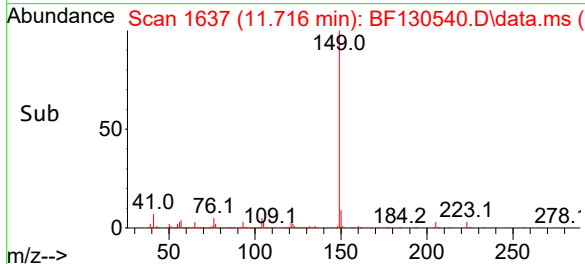
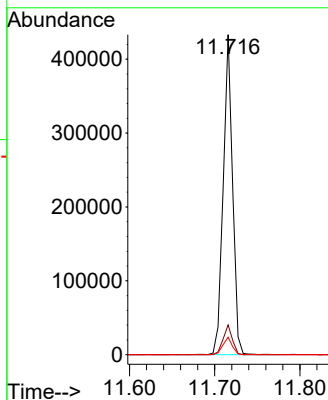
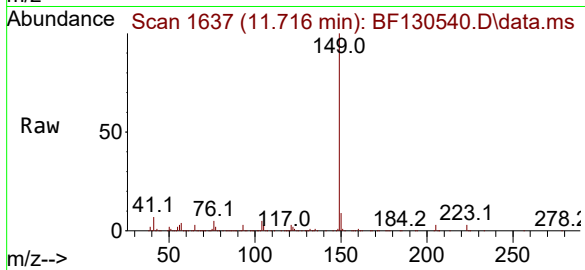
Tgt Ion:149 Resp: 329902

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.4 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.774 min Scan# 1987

Delta R.T. 0.000 min

Lab File: BF130540.D

Acq: 05 Oct 2022 20:45

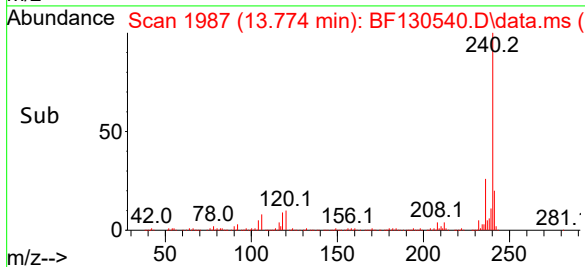
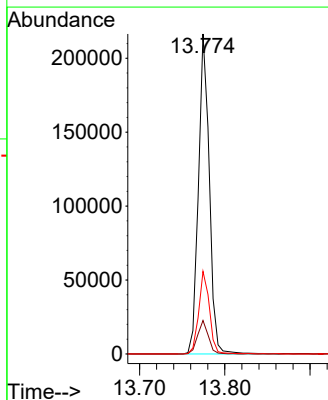
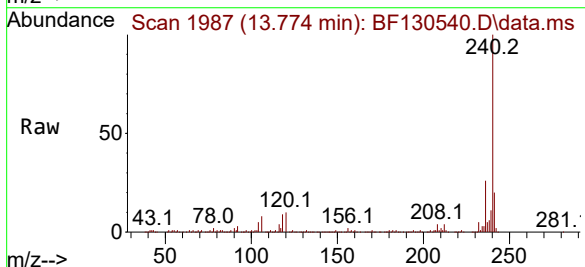
Tgt Ion:240 Resp: 191723

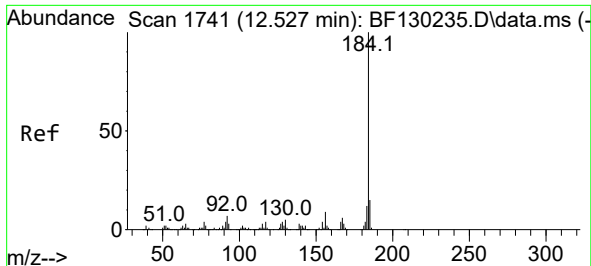
Ion Ratio Lower Upper

240 100

120 10.5 8.7 13.1

236 25.8 20.9 31.3

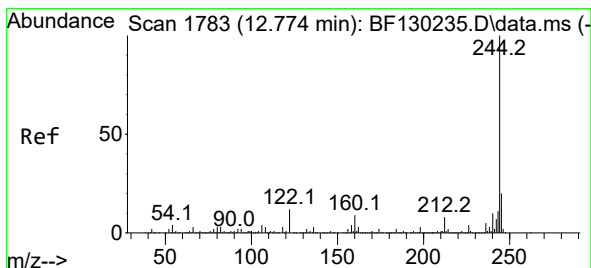
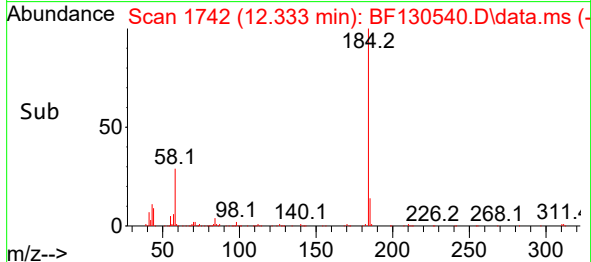
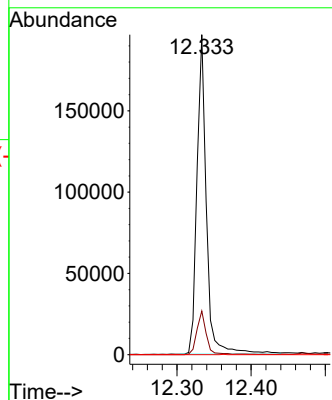
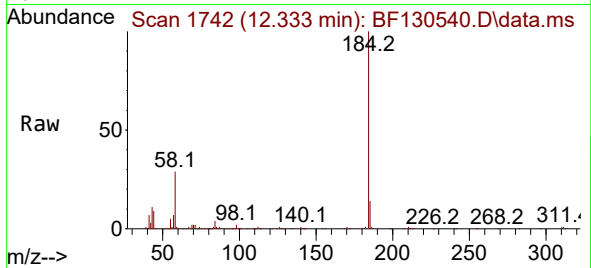




#77
Benzidine
Concen: 31.327 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.153 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

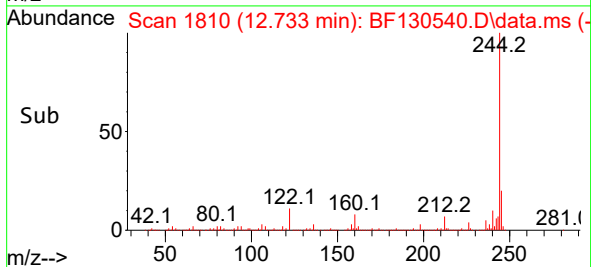
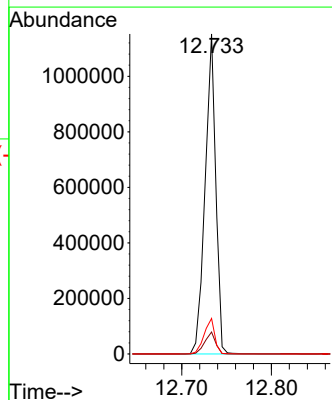
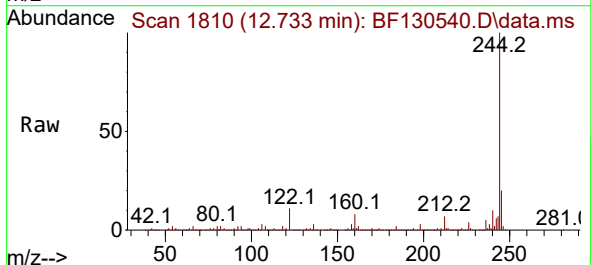
Instrument :
BNA_F
ClientSampleId :
257248-5

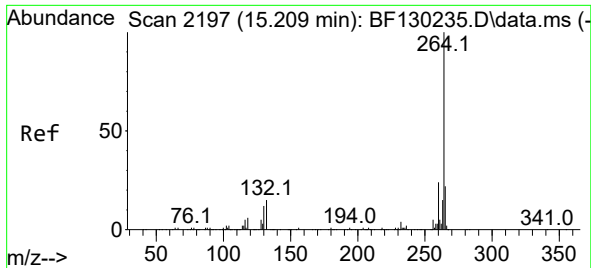
Tgt Ion:184 Resp: 174354
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 0.0 9.1 13.7#



#79
Terphenyl-d14
Concen: 82.275 ng
RT: 12.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF130540.D
Acq: 05 Oct 2022 20:45

Tgt Ion:244 Resp: 952253
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.1 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.163 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF130540.D

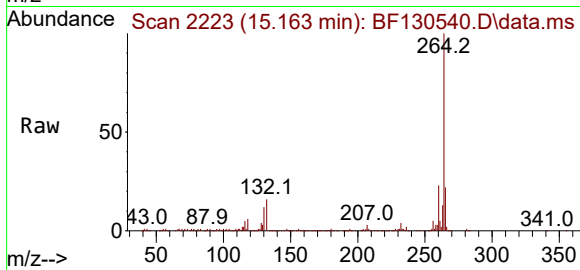
Acq: 05 Oct 2022 20:45

Instrument :

BNA_F

ClientSampleId :

257248-5



Tgt Ion:264 Resp: 142024

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 21.9 17.0 25.4

