

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
 Data File : BF130541.D
 Acq On : 05 Oct 2022 21:16
 Operator : CG\JU
 Sample : N4974-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 257248-6

Quant Time: Oct 06 01:14:16 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)

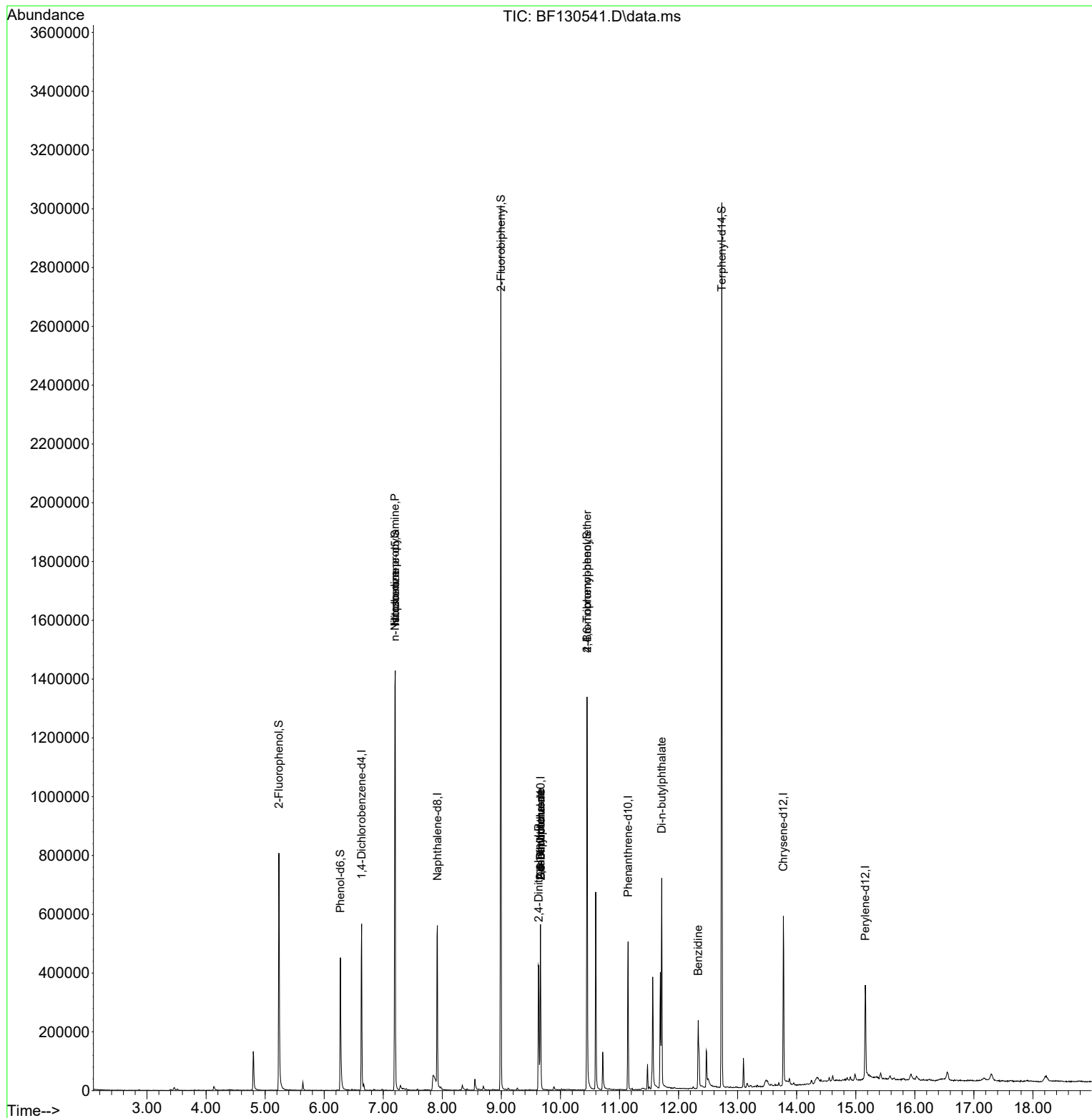
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	67943	20.000	ng	0.00
21) Naphthalene-d8	7.916	136	235294	20.000	ng	# 0.00
39) Acenaphthene-d10	9.663	164	100910	20.000	ng	0.00
64) Phenanthrene-d10	11.145	188	174181	20.000	ng	0.00
76) Chrysene-d12	13.774	240	186727	20.000	ng	0.00
86) Perylene-d12	15.162	264	140289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	235372	60.086	ng	0.00
7) Phenol-d6	6.275	99	164433	33.548	ng	0.00
23) Nitrobenzene-d5	7.204	82	483086	104.891	ng	0.00
42) 2,4,6-Tribromophenol	10.451	330	157069	162.444	ng	0.00
45) 2-Fluorobiphenyl	8.992	172	782740	112.954	ng	0.00
79) Terphenyl-d14	12.733	244	947640	84.067	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.198	70	66006	19.957	ng	# 72
25) Isophorone	7.204	82	483080	65.077	ng	# 66
50) Dimethylphthalate	9.663	163	17268	2.477	ng	# 1
51) 2,6-Dinitrotoluene	9.663	165	13016	8.929	ng	# 16
54) 2,4-Dinitrophenol	9.633	184	206	6.494	ng	# 8
57) 2,4-Dinitrotoluene	9.663	165	13016	6.986	ng	# 16
67) 4-Bromophenyl-phenylether	10.451	248	9733	5.065	ng	# 1
74) Di-n-butylphthalate	11.716	149	314783	30.649	ng	99
77) Benzidine	12.333	184	111000	20.478	ng	# 85

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100522\
Data File : BF130541.D
Acq On : 05 Oct 2022 21:16
Operator : CG\JU
Sample : N4974-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
257248-6

Quant Time: Oct 06 01:14:16 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

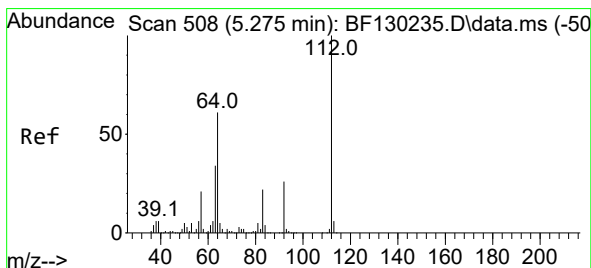
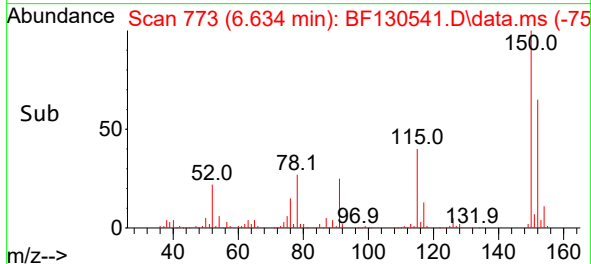
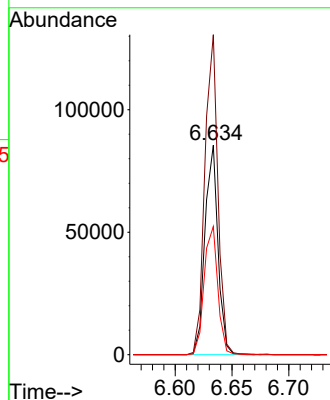
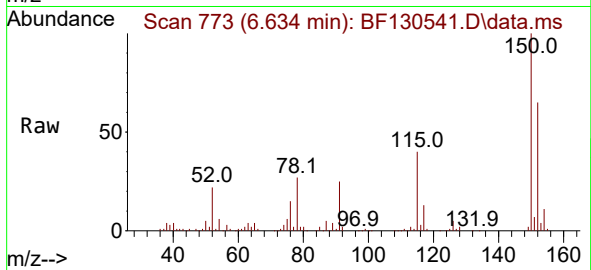




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130541.D
 Acq: 05 Oct 2022 21:16

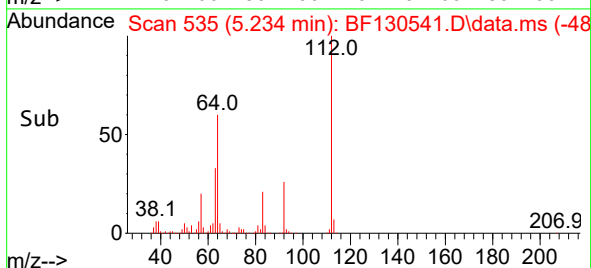
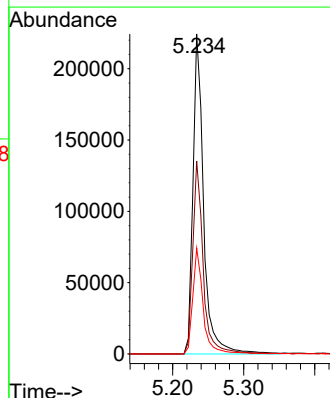
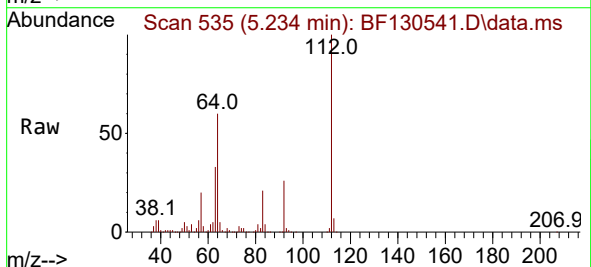
Instrument :
 BNA_F
 ClientSampleId :
 257248-6

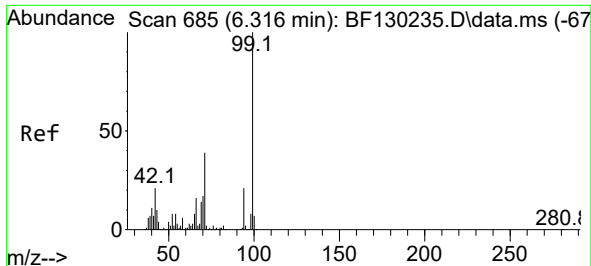
Tgt Ion:152 Resp: 67943
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.8 184.2
 115 61.2 53.8 80.8



#5
 2-Fluorophenol
 Concen: 60.086 ng
 RT: 5.234 min Scan# 535
 Delta R.T. 0.006 min
 Lab File: BF130541.D
 Acq: 05 Oct 2022 21:16

Tgt Ion:112 Resp: 235372
 Ion Ratio Lower Upper
 112 100
 64 60.3 51.4 77.0
 63 33.0 28.8 43.2

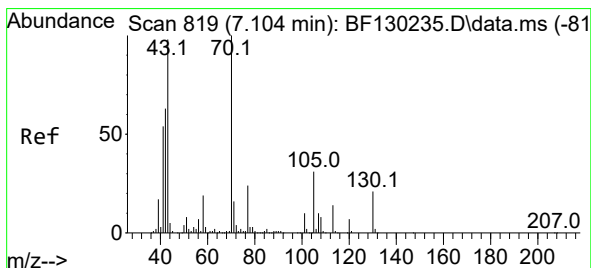
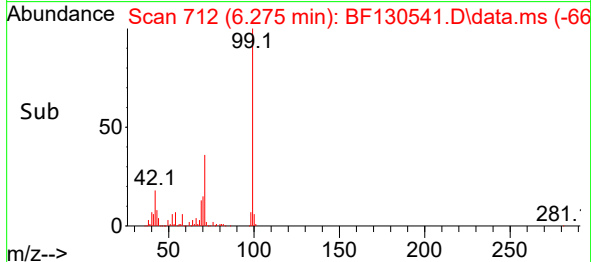
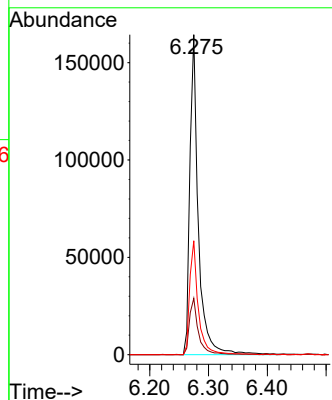
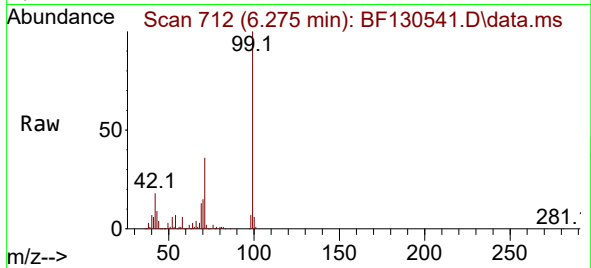




#7
Phenol-d6
Concen: 33.548 ng
RT: 6.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

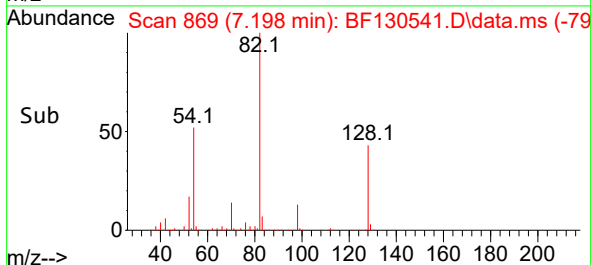
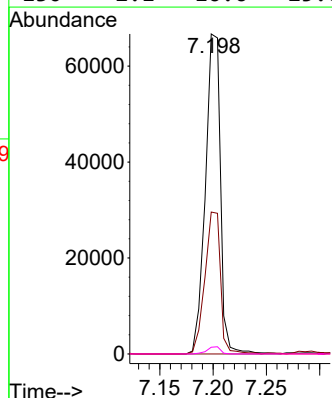
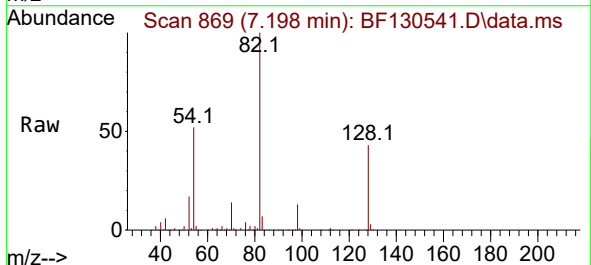
Instrument :
BNA_F
ClientSampleId :
257248-6

Tgt Ion: 99 Resp: 164433
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 35.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.957 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Tgt Ion: 70 Resp: 66006
Ion Ratio Lower Upper
70 100
42 44.4 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

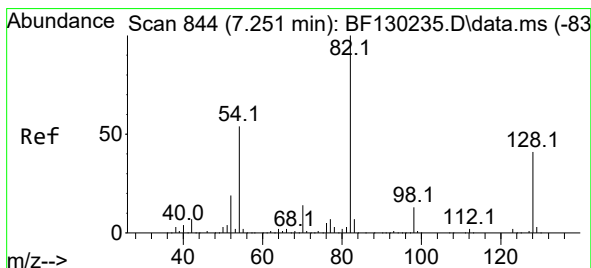
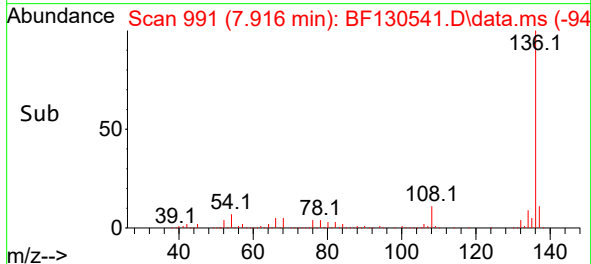
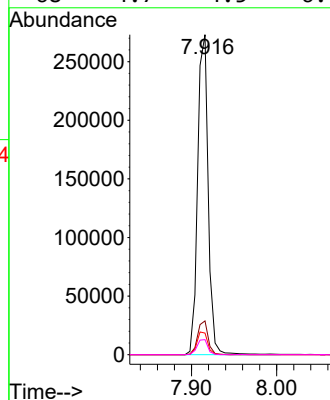
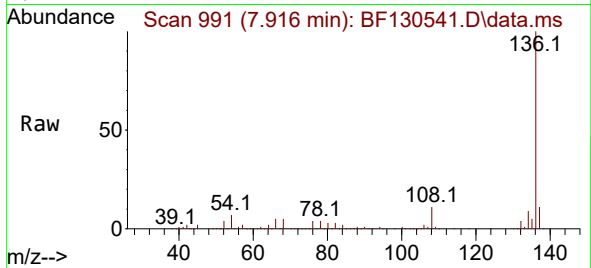




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

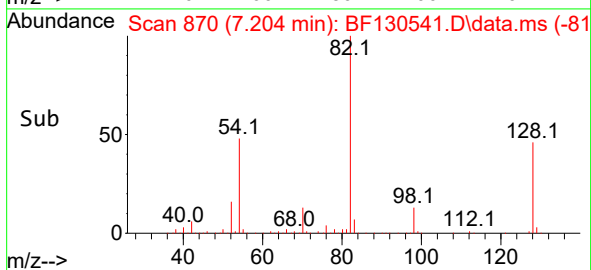
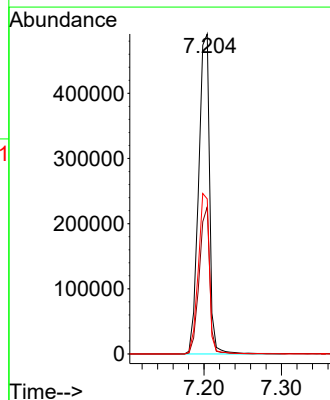
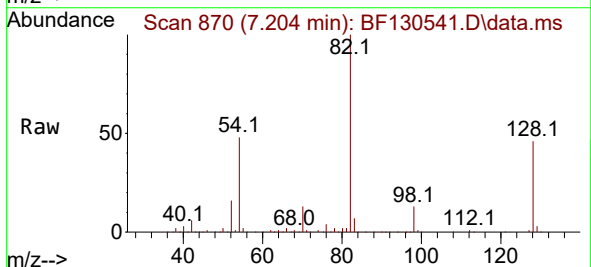
Instrument :
BNA_F
ClientSampleId :
257248-6

Tgt Ion:136 Resp: 235294
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 6.8 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 104.891 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Tgt Ion: 82 Resp: 483086
Ion Ratio Lower Upper
82 100
128 46.0 32.6 49.0
54 48.4 43.8 65.6

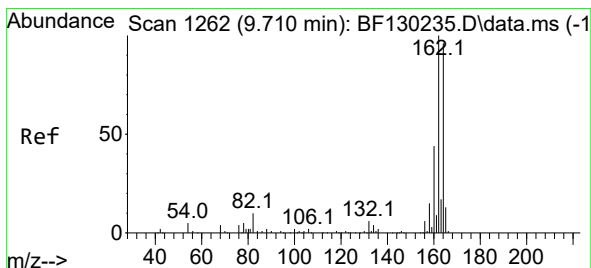
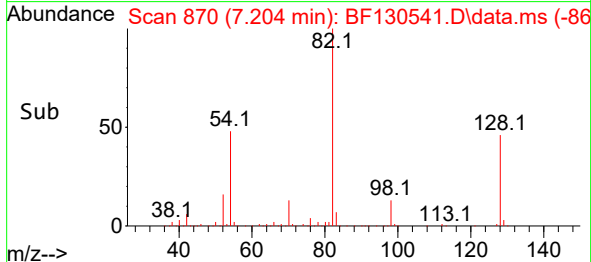
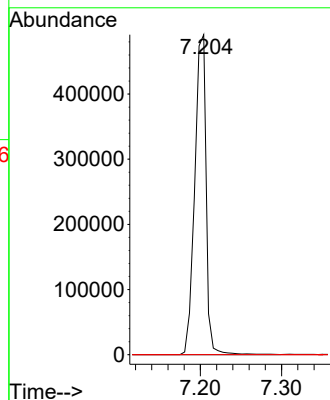
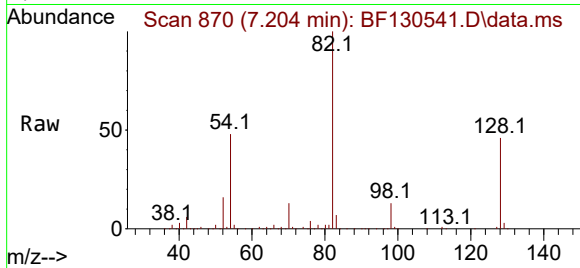




#25
Isophorone
Concen: 65.077 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

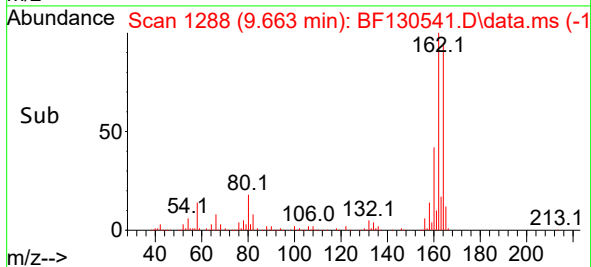
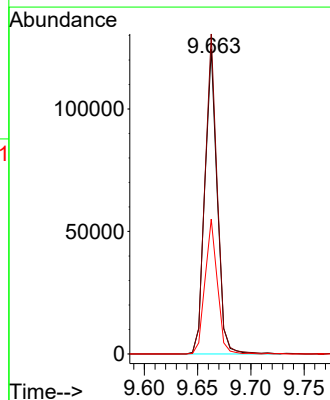
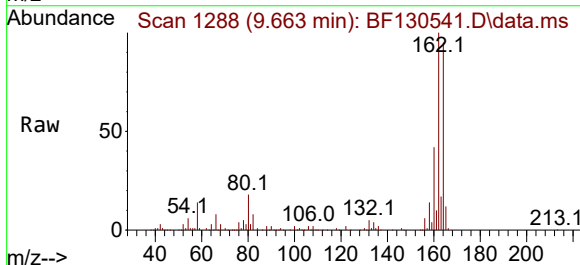
Instrument :
BNA_F
ClientSampleId :
257248-6

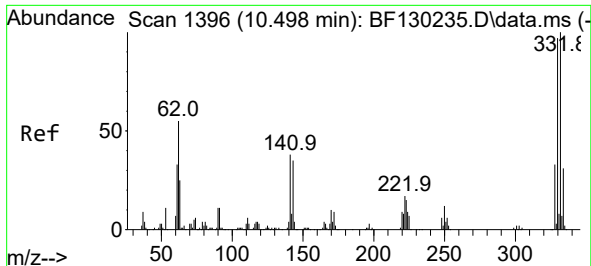
Tgt Ion: 82 Resp: 483080
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Tgt Ion:164 Resp: 100910
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 44.2 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 162.444 ng

RT: 10.451 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF130541.D

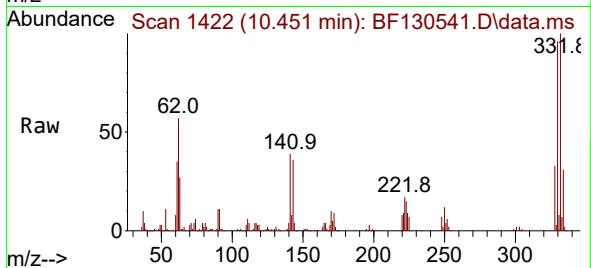
Acq: 05 Oct 2022 21:16

Instrument :

BNA_F

ClientSampleId :

257248-6



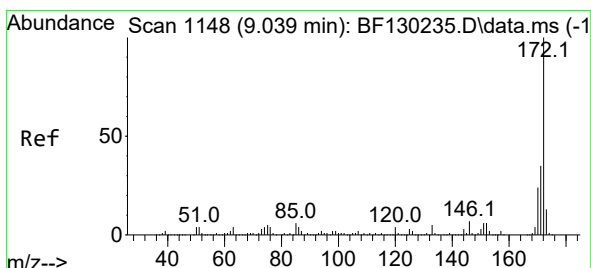
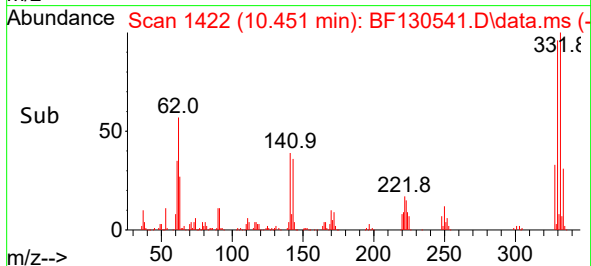
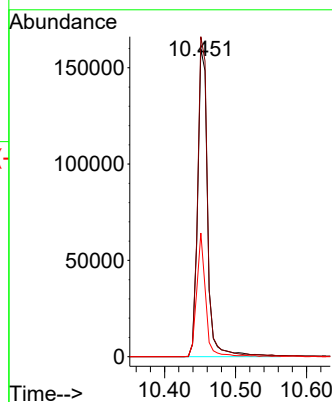
Tgt Ion:330 Resp: 157069

Ion Ratio Lower Upper

330 100

332 103.4 83.4 125.2

141 35.5 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 112.954 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BF130541.D

Acq: 05 Oct 2022 21:16

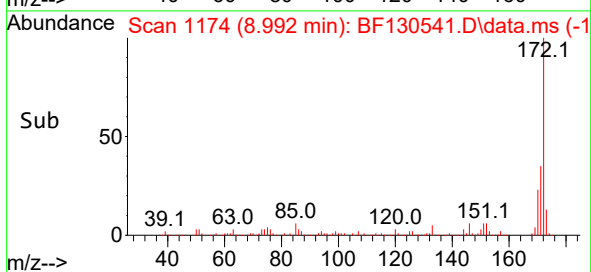
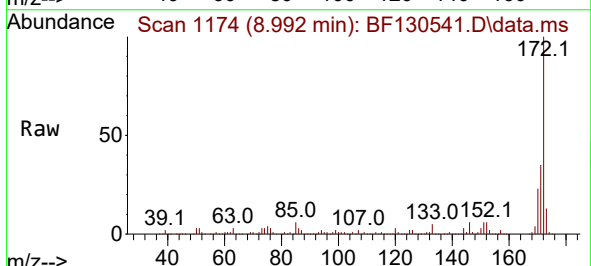
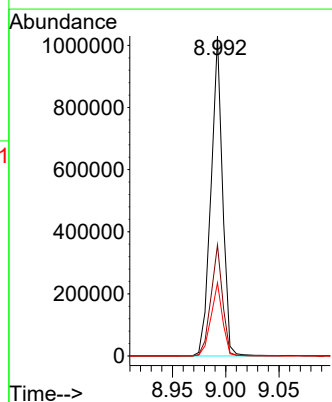
Tgt Ion:172 Resp: 782740

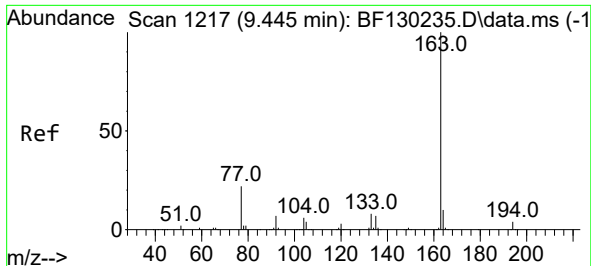
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 22.9 18.7 28.1

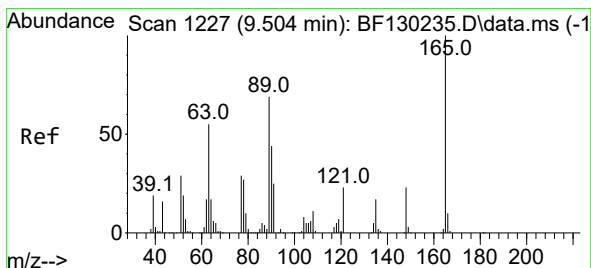
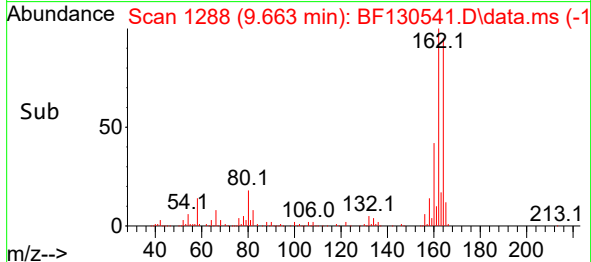
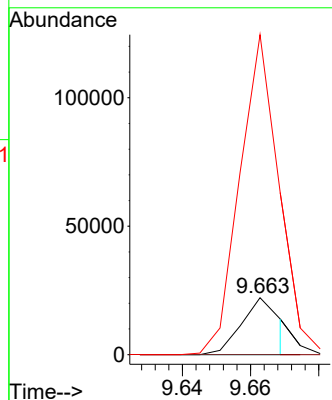
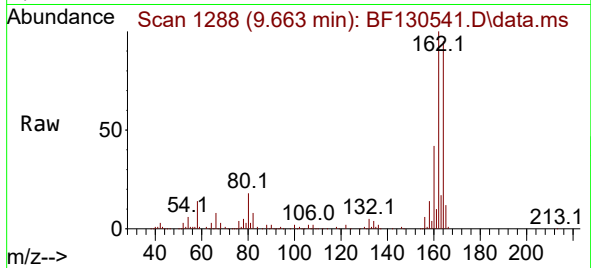




#50
Dimethylphthalate
Concen: 2.477 ng
RT: 9.663 min Scan# 1217
Delta R.T. 0.265 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

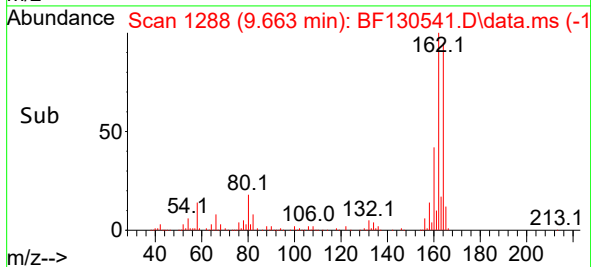
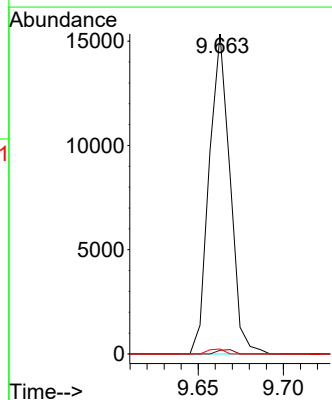
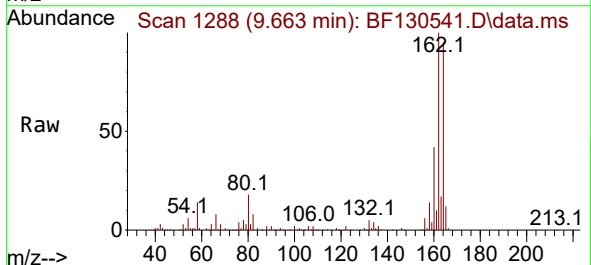
Instrument :
BNA_F
ClientSampleId :
257248-6

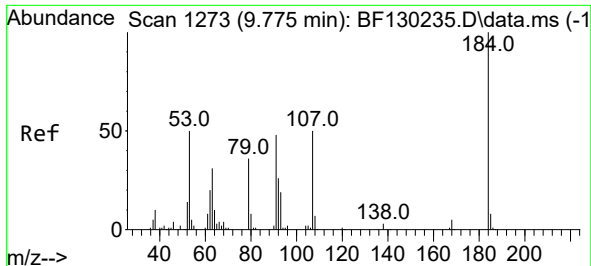
Tgt Ion:163 Resp: 17268
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 561.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.929 ng
RT: 9.663 min Scan# 1288
Delta R.T. 0.200 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Tgt Ion:165 Resp: 13016
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.6 54.5 81.7#

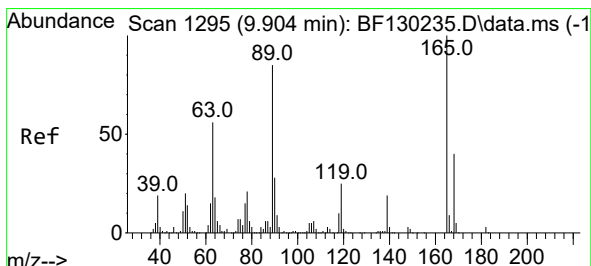
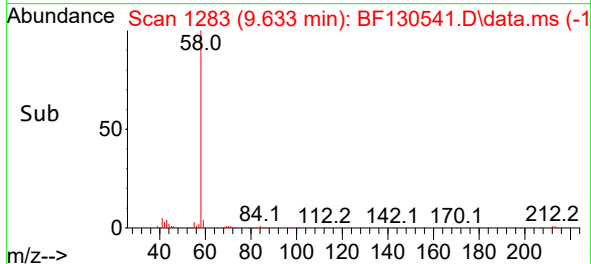
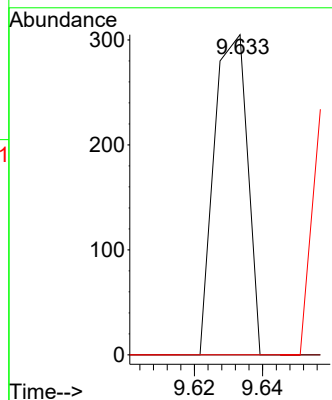
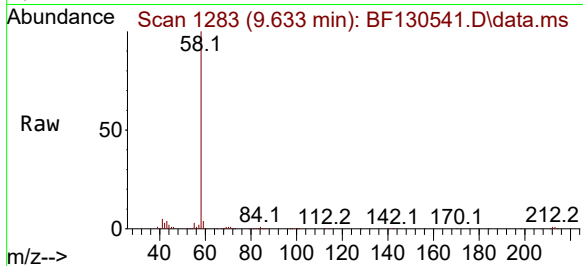




#54
2,4-Dinitrophenol
Concen: 6.494 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

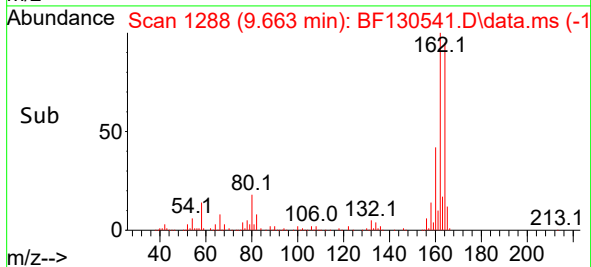
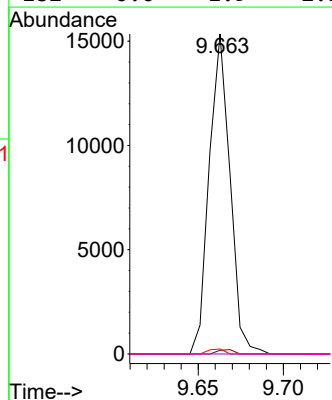
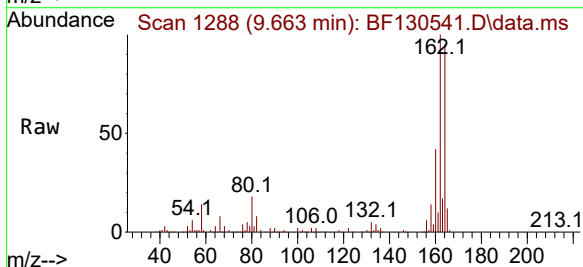
Instrument :
BNA_F
ClientSampleId :
257248-6

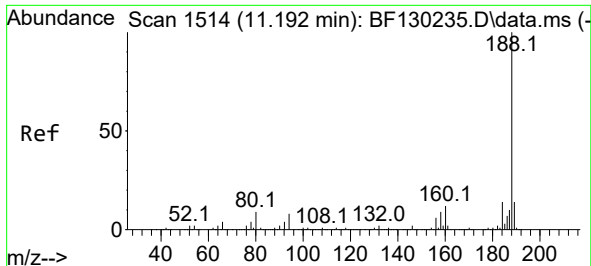
Tgt Ion:184 Resp: 206
Ion Ratio Lower Upper
184 100
63 0.0 70.0 105.0#
154 0.0 63.0 94.6#



#57
2,4-Dinitrotoluene
Concen: 6.986 ng
RT: 9.663 min Scan# 1288
Delta R.T. -0.200 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Tgt Ion:165 Resp: 13016
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.6 69.0 103.4#
182 0.0 1.9 2.9#

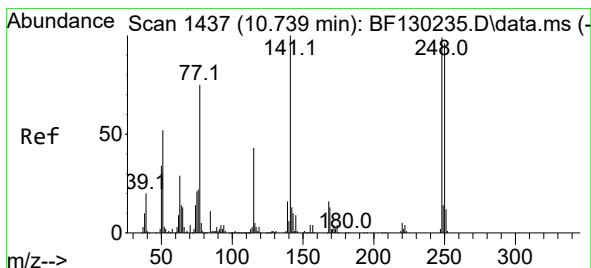
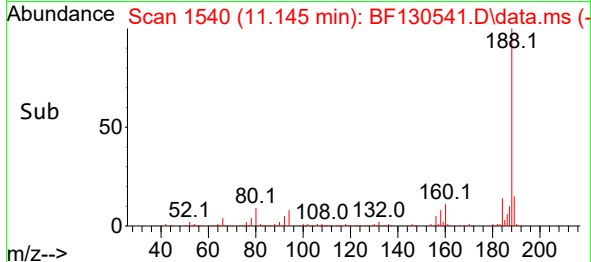
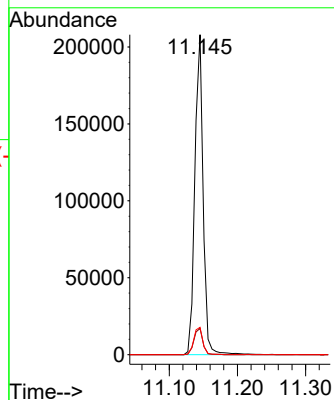
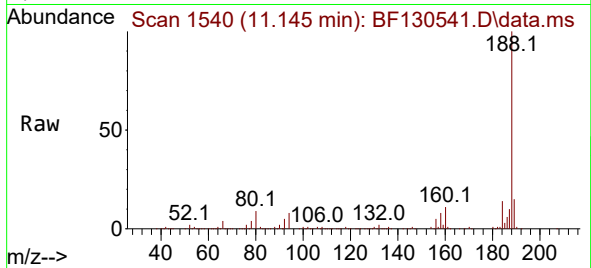




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

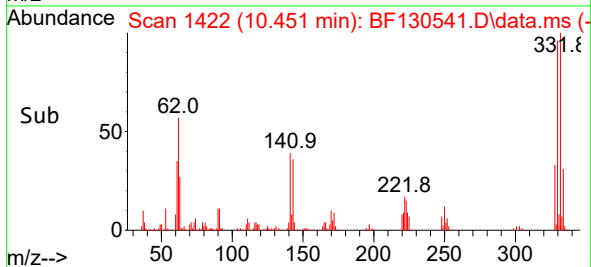
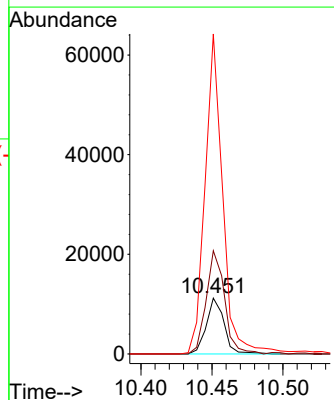
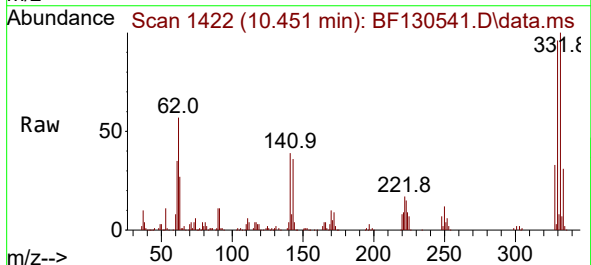
Instrument :
BNA_F
ClientSampleId :
257248-6

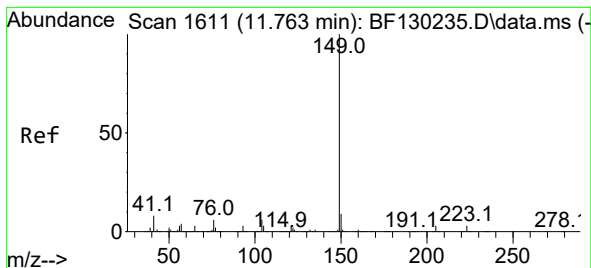
Tgt Ion:188 Resp: 174181
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.6 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 5.065 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.247 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Tgt Ion:248 Resp: 9733
Ion Ratio Lower Upper
248 100
250 185.0 80.0 120.0#
141 573.5 68.5 102.7#





#74

Di-n-butylphthalate

Concen: 30.649 ng

RT: 11.716 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130541.D

Acq: 05 Oct 2022 21:16

Instrument :

BNA_F

ClientSampleId :

257248-6

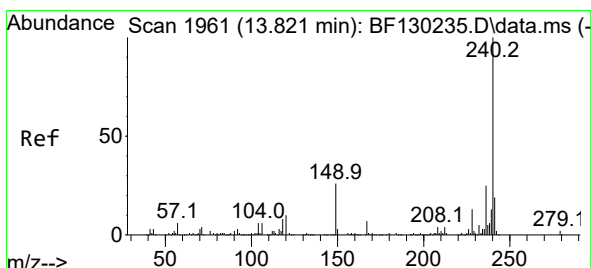
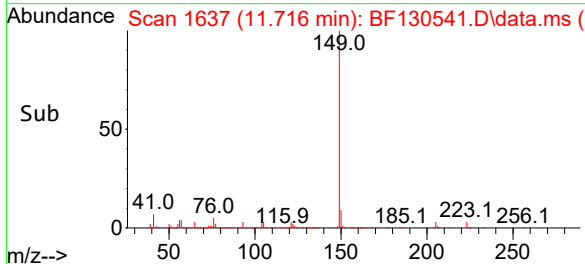
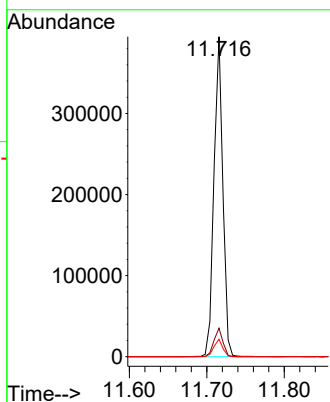
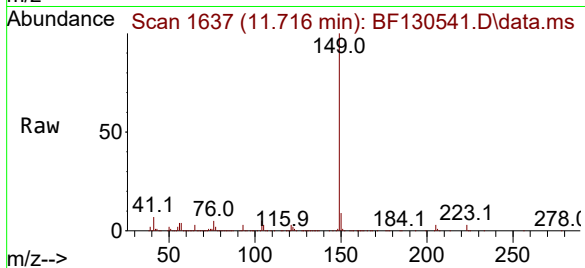
Tgt Ion:149 Resp: 314783

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

104 5.5 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: BF130541.D

Acq: 05 Oct 2022 21:16

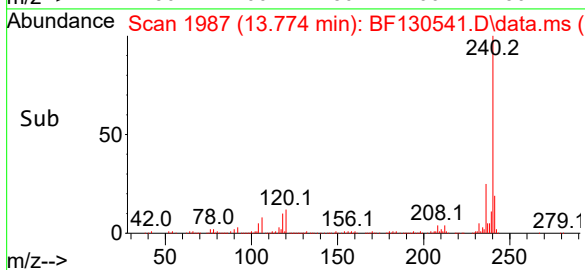
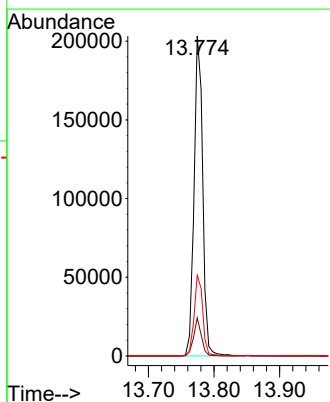
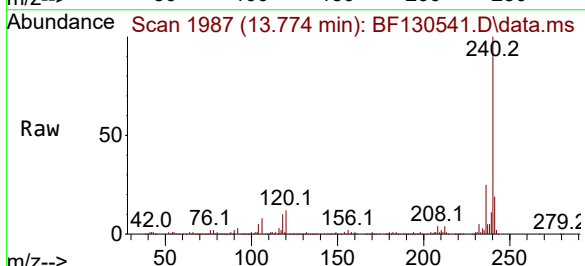
Tgt Ion:240 Resp: 186727

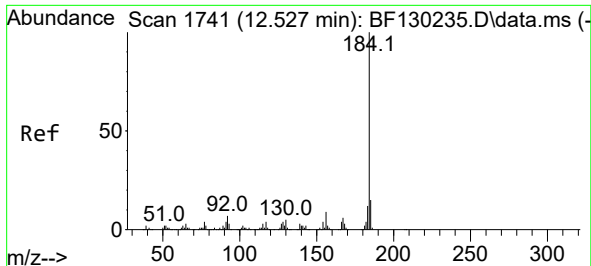
Ion Ratio Lower Upper

240 100

120 11.9 8.7 13.1

236 25.2 20.9 31.3

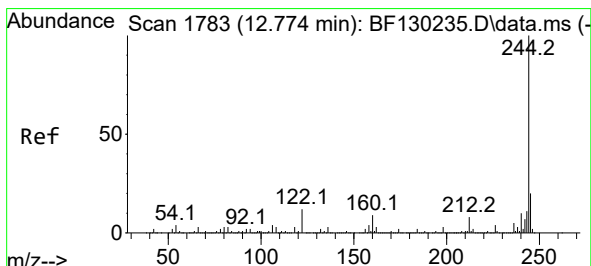
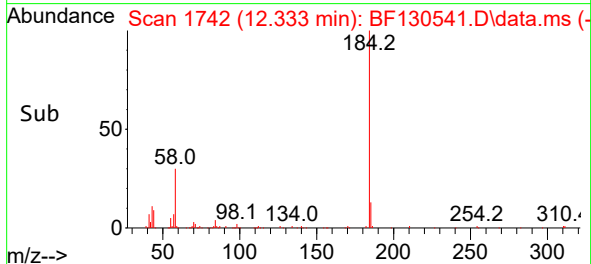
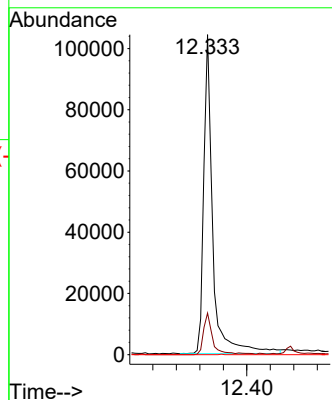
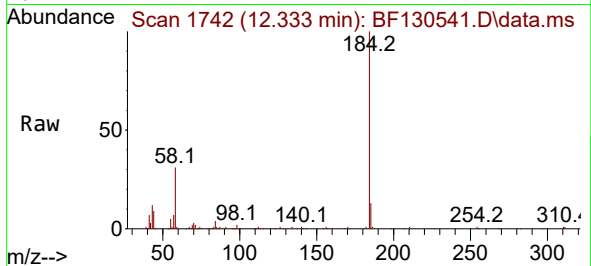




#77
Benzidine
Concen: 20.478 ng
RT: 12.333 min Scan# 11
Delta R.T. -0.153 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

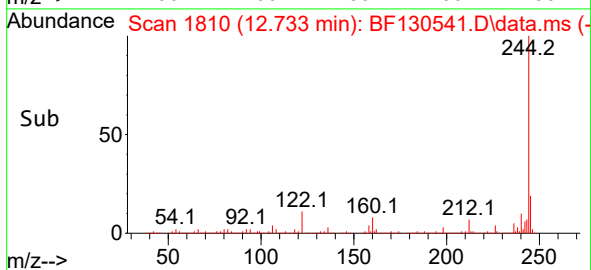
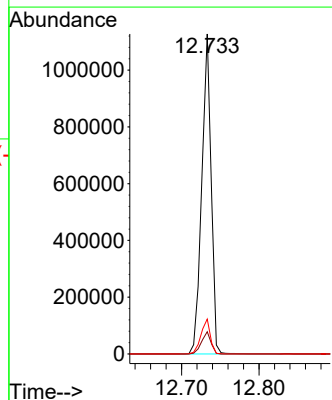
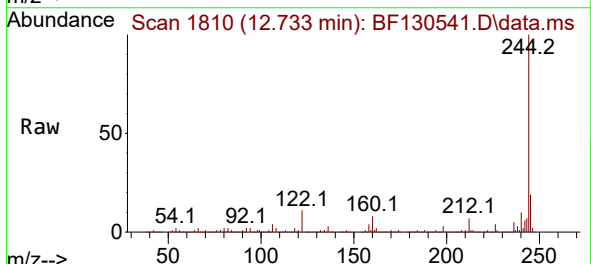
Instrument :
BNA_F
ClientSampleId :
257248-6

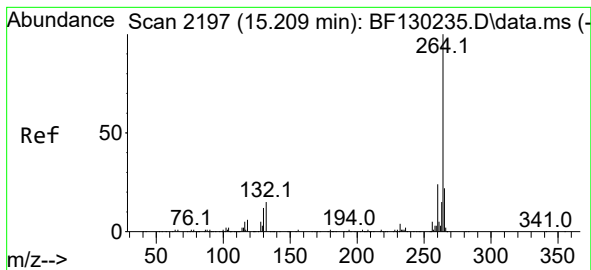
Tgt Ion:184 Resp: 111000
Ion Ratio Lower Upper
184 100
185 13.0 11.8 17.6
183 0.0 9.1 13.7#



#79
Terphenyl-d14
Concen: 84.067 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Tgt Ion:244 Resp: 947640
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.9 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.162 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130541.D
Acq: 05 Oct 2022 21:16

Instrument :
BNA_F
ClientSampleId :
257248-6

Tgt Ion:264 Resp: 140289

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	20.5	17.0	25.4

