

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130553.D
 Acq On : 06 Oct 2022 16:27
 Operator : CG\JU
 Sample : N4998-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 506D-2

Quant Time: Oct 07 02:10:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

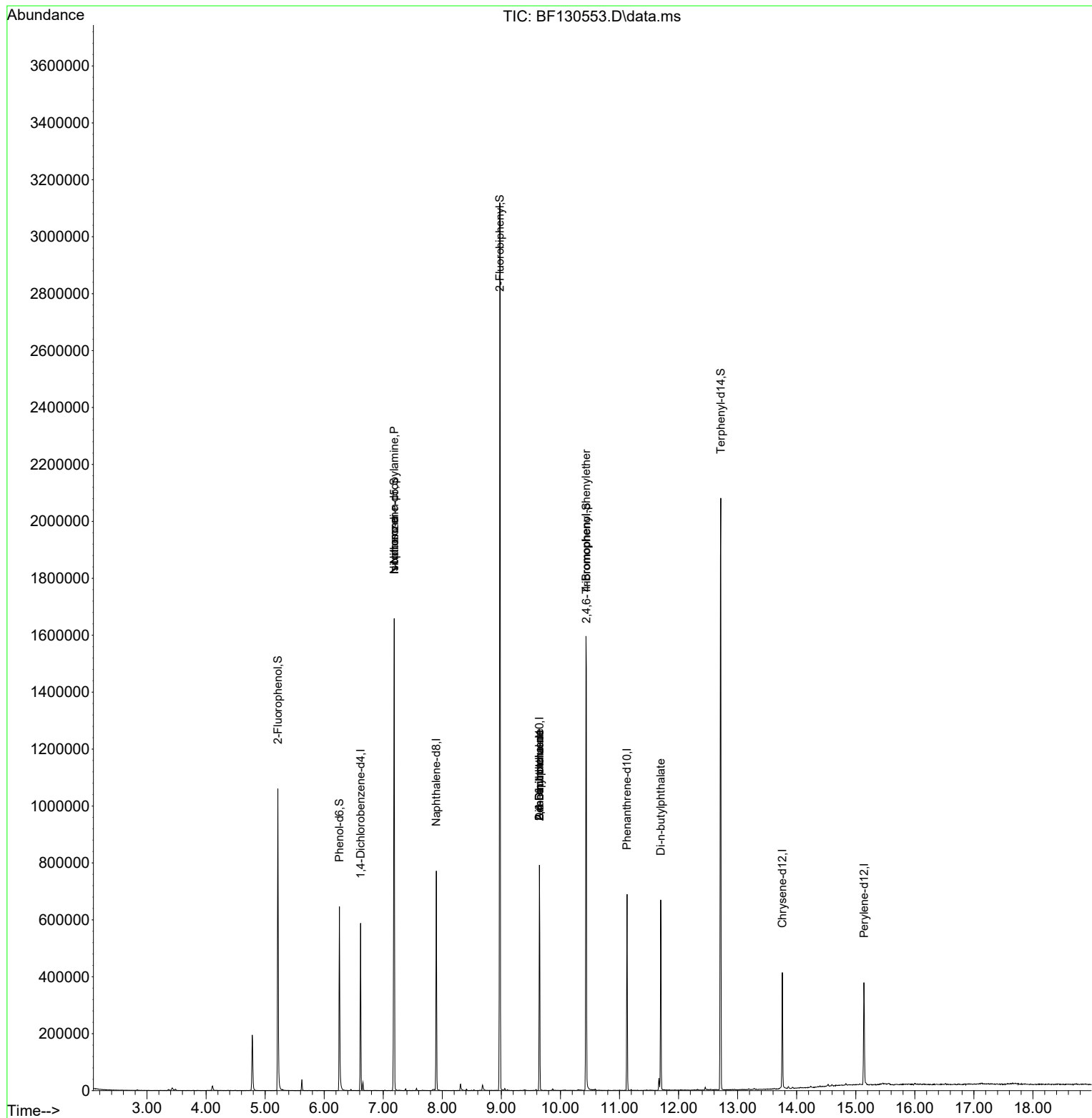
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	76184	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	298500	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	147662	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	218390	20.000	ng	0.00
76) Chrysene-d12	13.757	240	120698	20.000	ng	0.00
86) Perylene-d12	15.139	264	141905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	271029	61.705	ng	0.00
7) Phenol-d6	6.257	99	198303	36.082	ng	-0.01
23) Nitrobenzene-d5	7.187	82	518126	88.678	ng	0.00
42) 2,4,6-Tribromophenol	10.439	330	191095	135.061	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	964588	95.124	ng	0.00
79) Terphenyl-d14	12.716	244	705998	96.893	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.187	70	69272	18.679	ng	# 74
25) Isophorone	7.187	82	518121	55.019	ng	# 66
50) Dimethylphthalate	9.645	163	27795	2.725	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	18408	8.629	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	18408	6.752	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	11642	4.832	ng	# 1
74) Di-n-butylphthalate	11.698	149	306953	23.837	ng	99

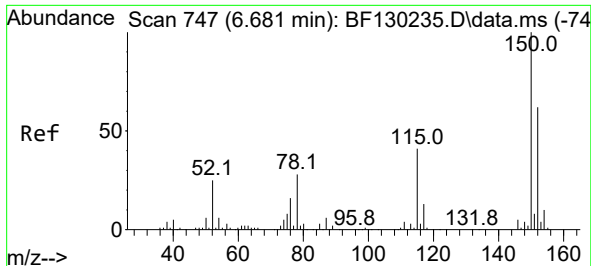
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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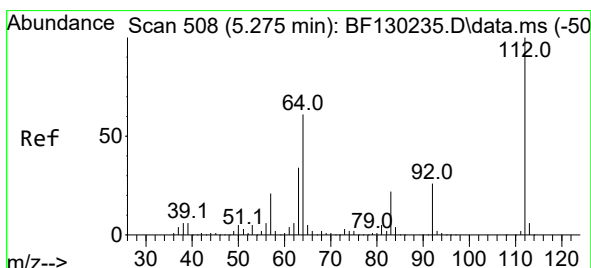
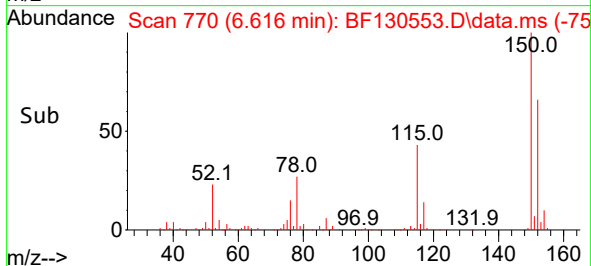
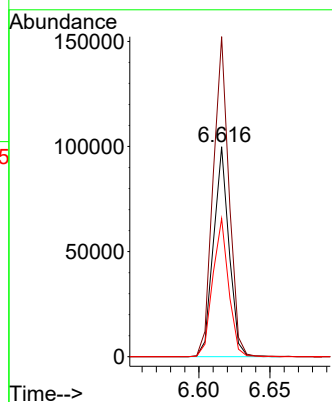
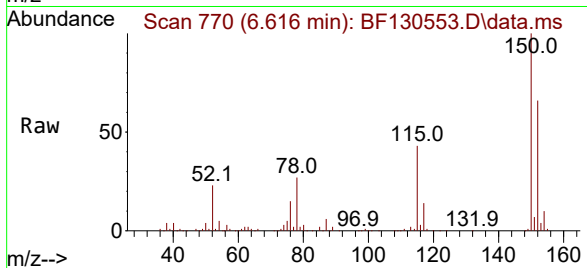




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

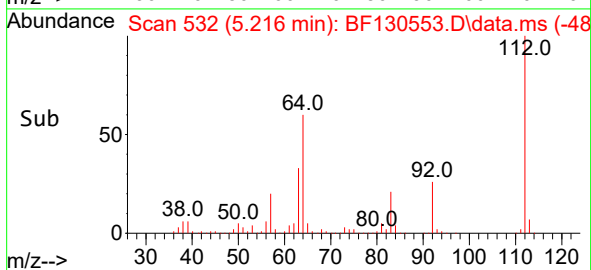
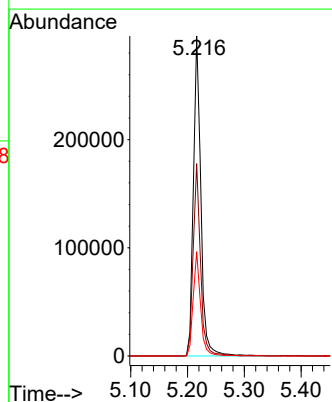
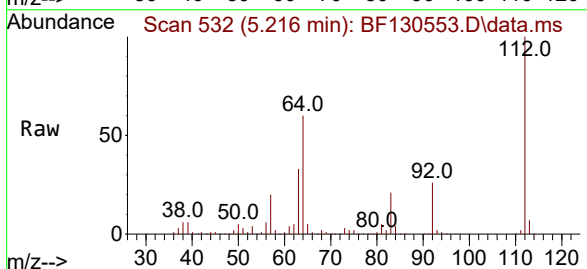
Instrument :
BNA_F
ClientSampleId :
506D-2

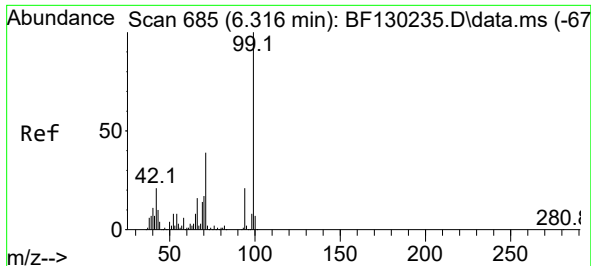
Tgt Ion:152 Resp: 76184
Ion Ratio Lower Upper
152 100
150 152.5 122.8 184.2
115 65.8 53.8 80.8



#5
2-Fluorophenol
Concen: 61.705 ng
RT: 5.216 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

Tgt Ion:112 Resp: 271029
Ion Ratio Lower Upper
112 100
64 60.1 51.4 77.0
63 32.6 28.8 43.2

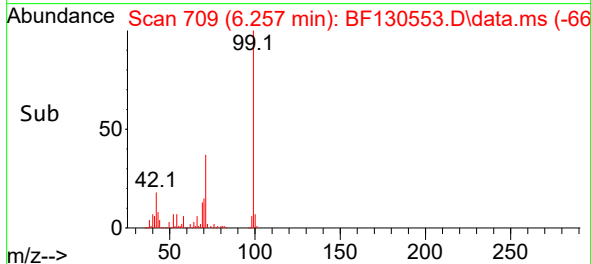
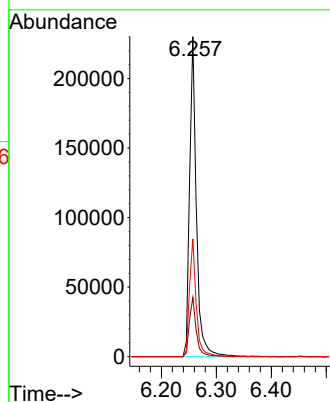
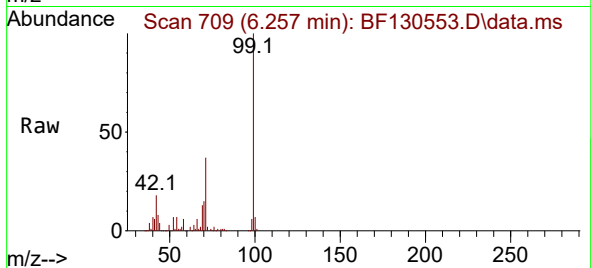




#7
Phenol-d6
Concen: 36.082 ng
RT: 6.257 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

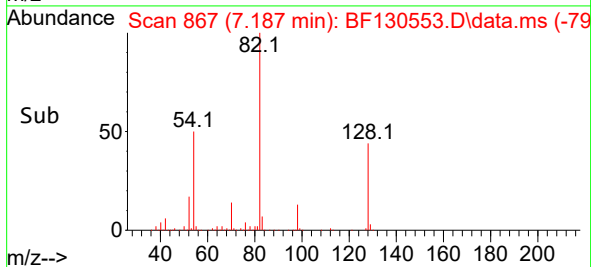
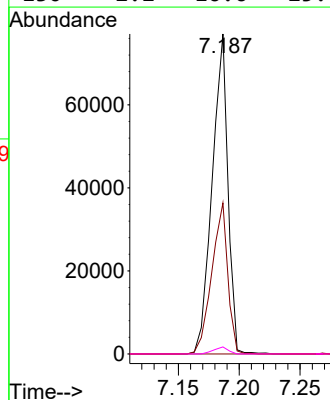
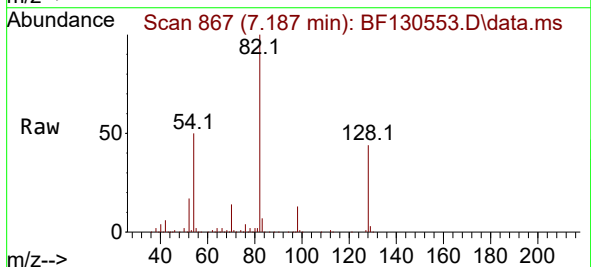
Instrument :
BNA_F
ClientSampleId :
506D-2

Tgt Ion: 99 Resp: 198303
Ion Ratio Lower Upper
99 100
42 18.5 17.0 25.6
71 36.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.679 ng
RT: 7.187 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

Tgt Ion: 70 Resp: 69272
Ion Ratio Lower Upper
70 100
42 47.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130553.D

Acq: 06 Oct 2022 16:27

Instrument :

BNA_F

ClientSampleId :

506D-2

Tgt Ion:136 Resp: 298500

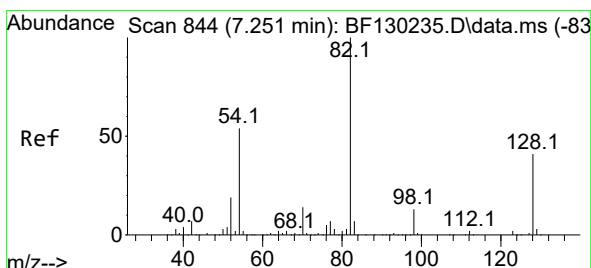
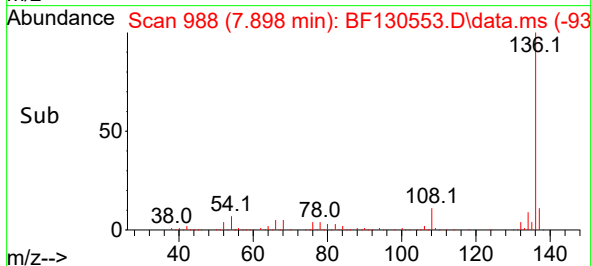
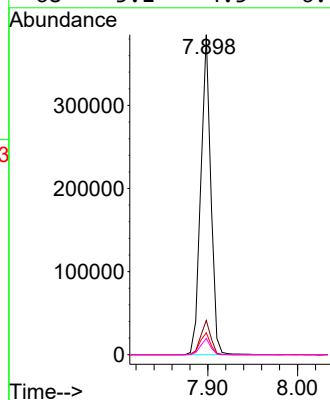
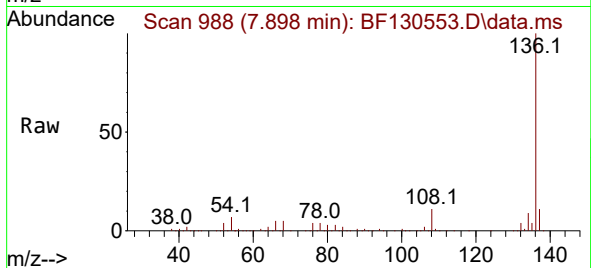
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.9 7.1 10.7#

68 5.1 4.5 6.7



#23

Nitrobenzene-d5

Concen: 88.678 ng

RT: 7.187 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF130553.D

Acq: 06 Oct 2022 16:27

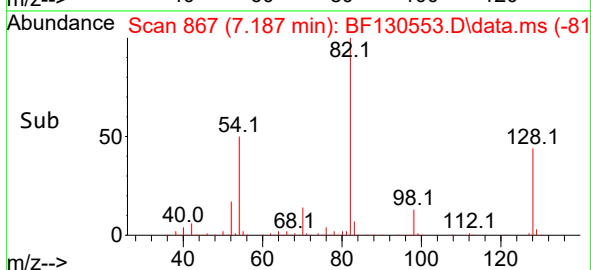
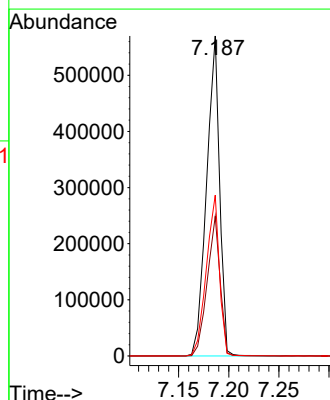
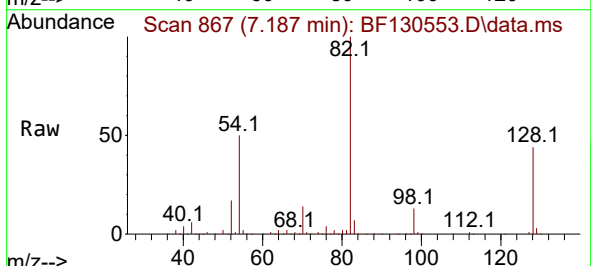
Tgt Ion: 82 Resp: 518126

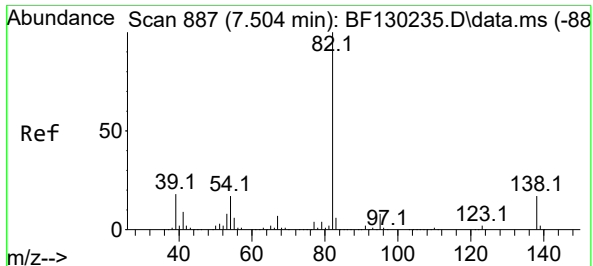
Ion Ratio Lower Upper

82 100

128 43.6 32.6 49.0

54 50.2 43.8 65.6

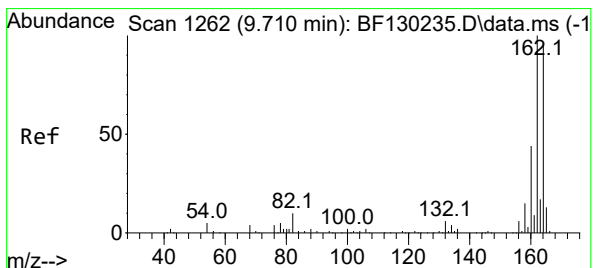
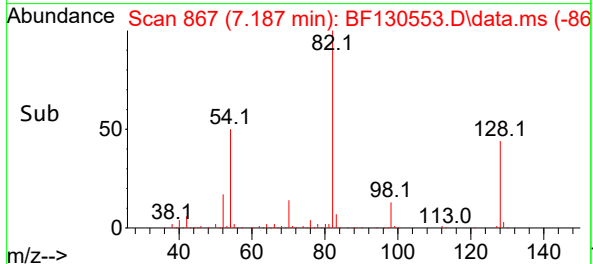
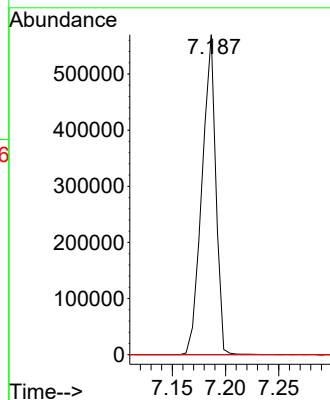
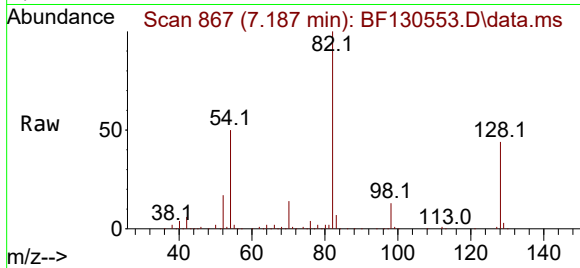




#25
Isophorone
Concen: 55.019 ng
RT: 7.187 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

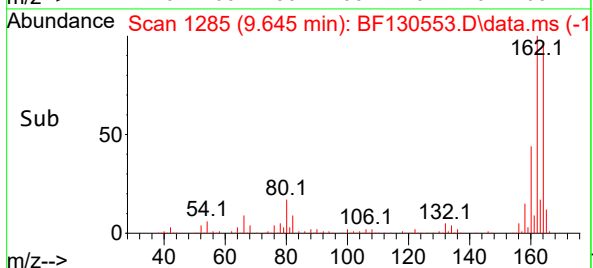
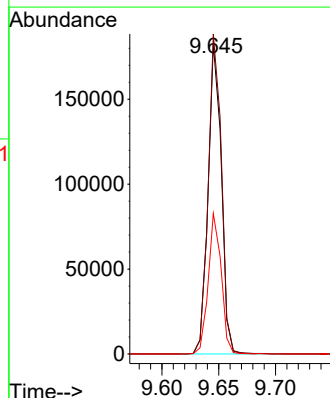
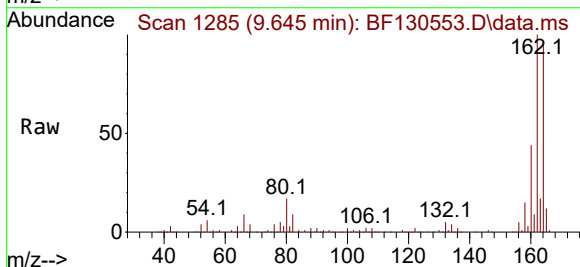
Instrument :
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506D-2

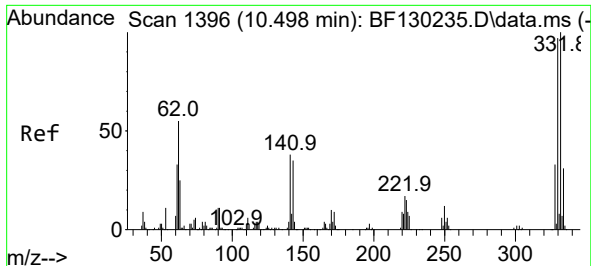
Tgt Ion: 82 Resp: 518121
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

Tgt Ion: 164 Resp: 147662
Ion Ratio Lower Upper
164 100
162 103.3 81.4 122.0
160 45.4 36.2 54.4

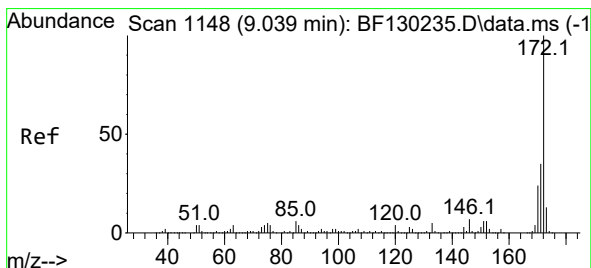
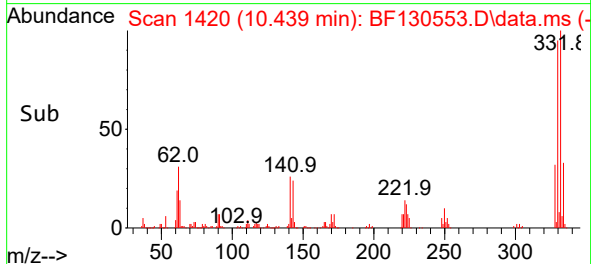
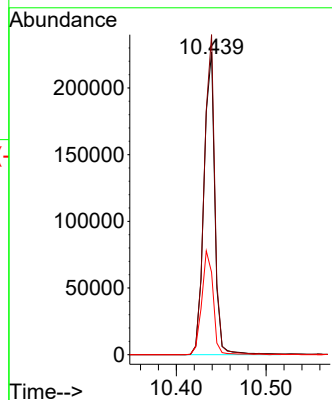
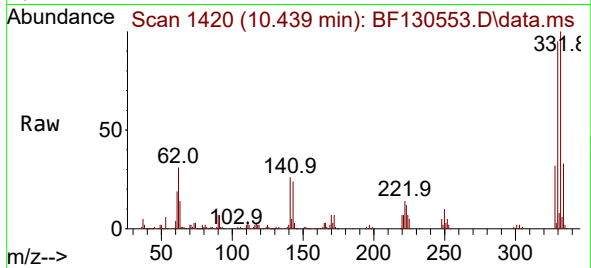




#42
2,4,6-Tribromophenol
Concen: 135.061 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

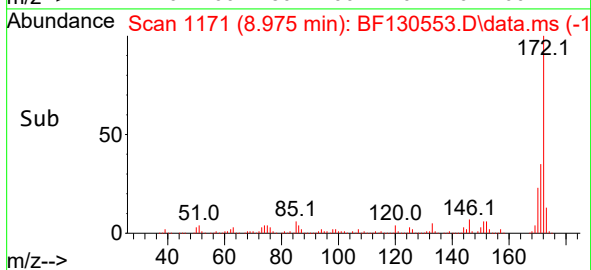
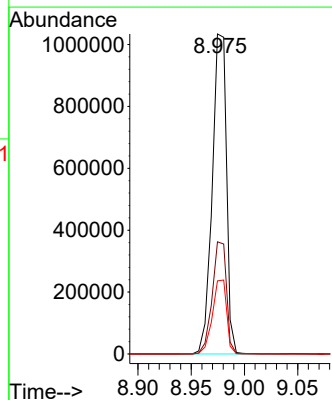
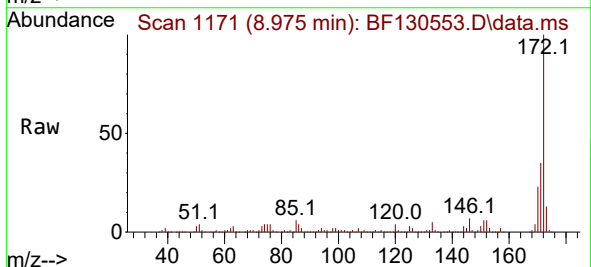
Instrument :
BNA_F
ClientSampleId :
506D-2

Tgt Ion:330 Resp: 191095
Ion Ratio Lower Upper
330 100
332 103.6 83.4 125.2
141 35.9 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 95.124 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

Tgt Ion:172 Resp: 964588
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.7 28.1

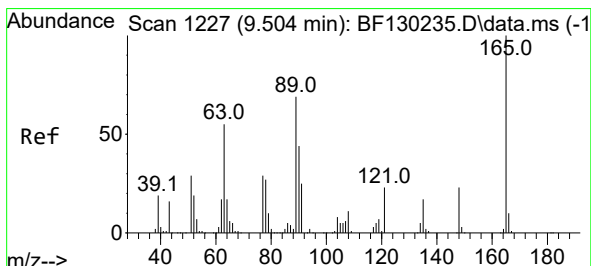
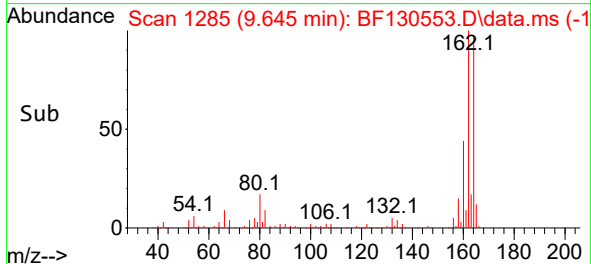
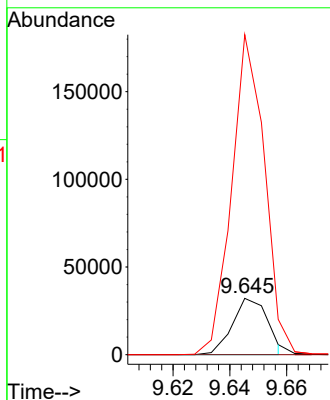
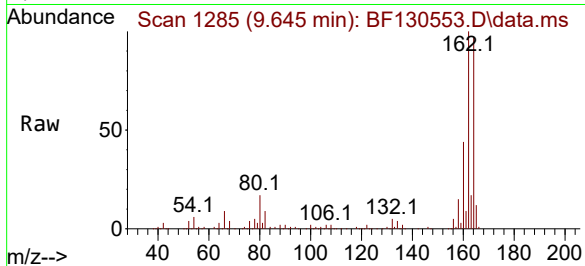




#50
Dimethylphthalate
Concen: 2.725 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

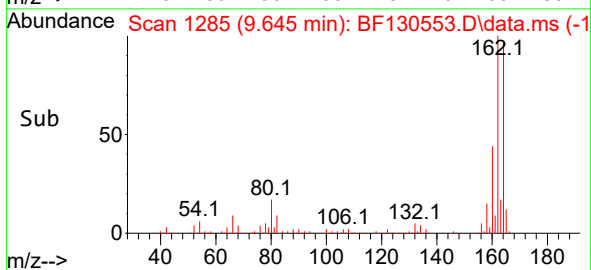
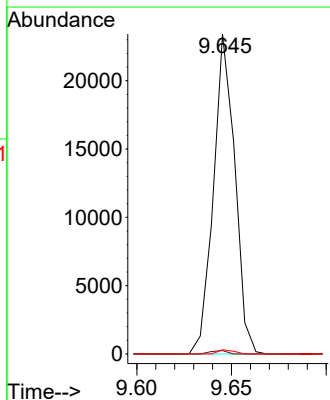
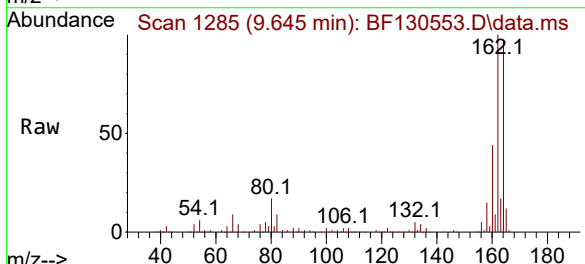
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ClientSampleId :
506D-2

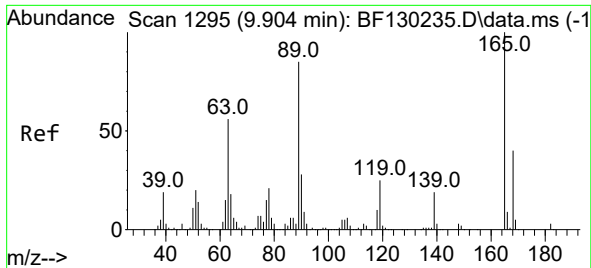
Tgt Ion:163 Resp: 27795
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 567.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.629 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

Tgt Ion:165 Resp: 18408
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.3 54.5 81.7#

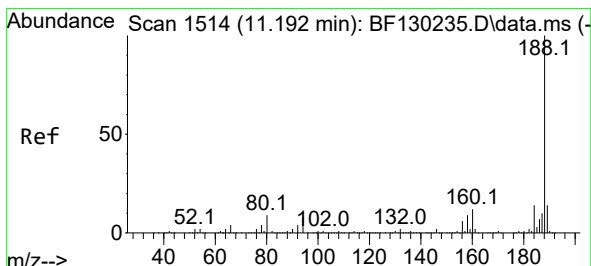
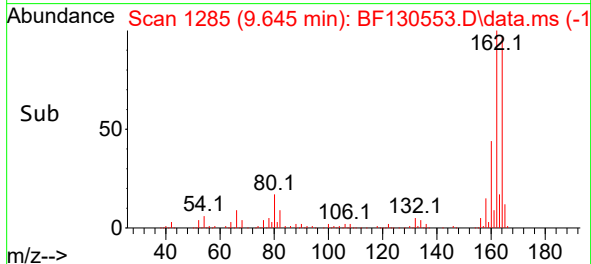
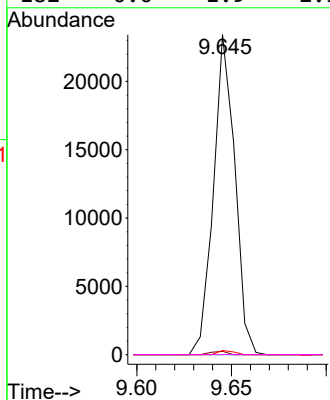
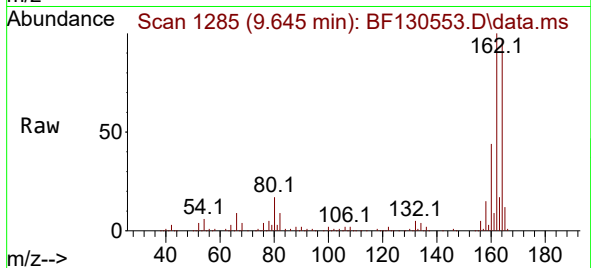




#57
2,4-Dinitrotoluene
Concen: 6.752 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

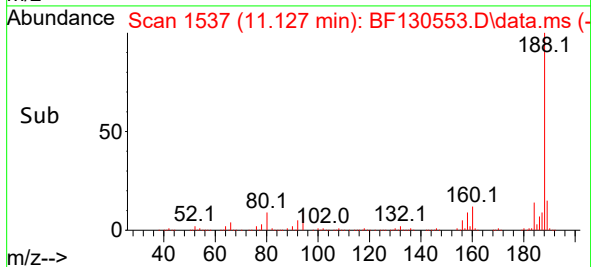
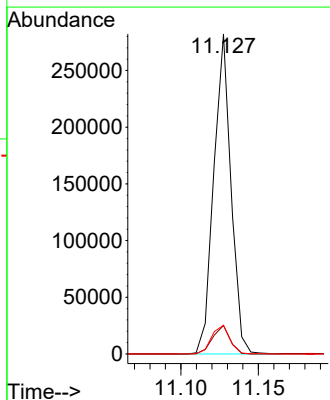
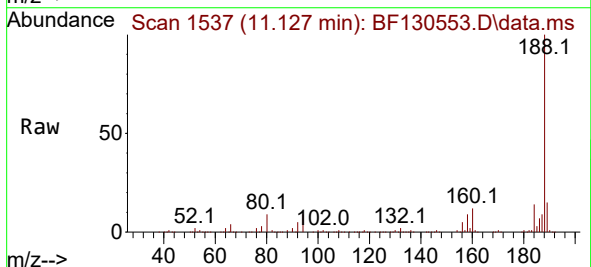
Instrument :
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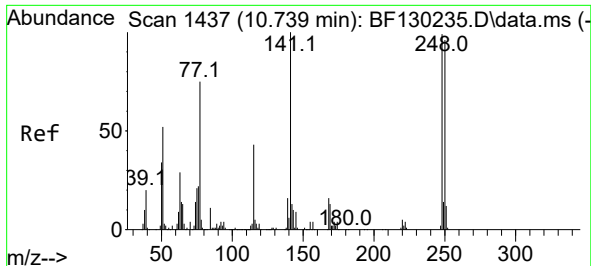
Tgt Ion:165 Resp: 18408
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

Tgt Ion:188 Resp: 218390
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.0 7.9 11.9





#67

4-Bromophenyl-phenylether

Concen: 4.832 ng

RT: 10.433 min Scan# 1437

Delta R.T. -0.247 min

Lab File: BF130553.D

Acq: 06 Oct 2022 16:27

Instrument :

BNA_F

ClientSampleId :

506D-2

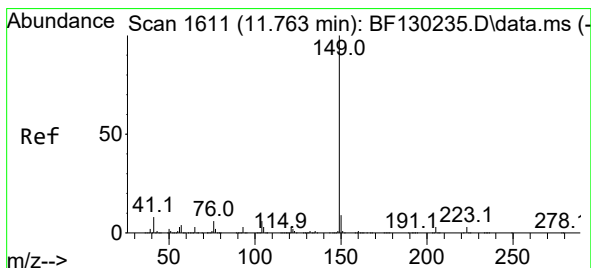
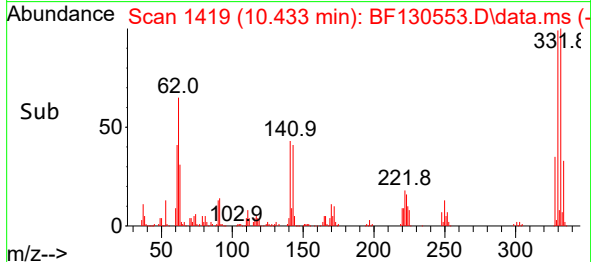
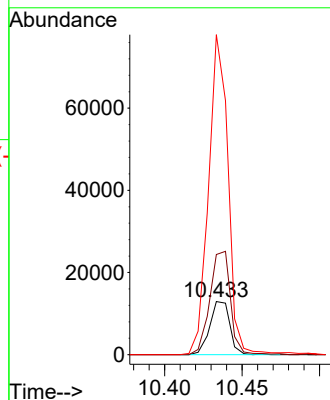
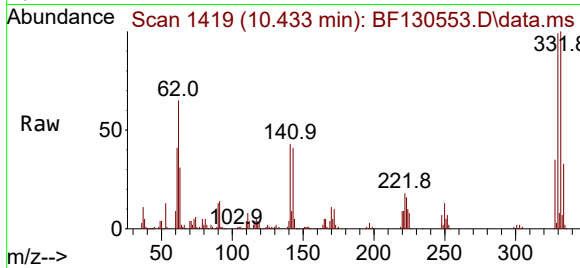
Tgt Ion:248 Resp: 11642

Ion Ratio Lower Upper

248 100

250 188.7 80.0 120.0#

141 602.2 68.5 102.7#



#74

Di-n-butylphthalate

Concen: 23.837 ng

RT: 11.698 min Scan# 1634

Delta R.T. -0.006 min

Lab File: BF130553.D

Acq: 06 Oct 2022 16:27

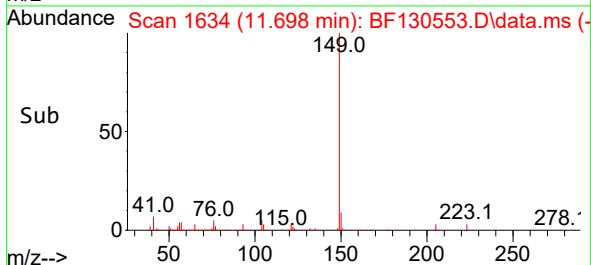
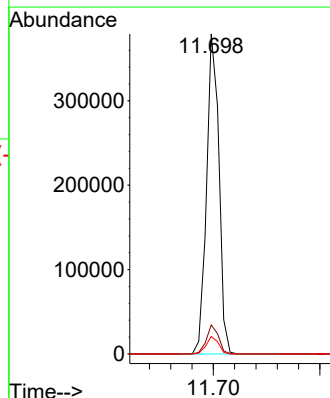
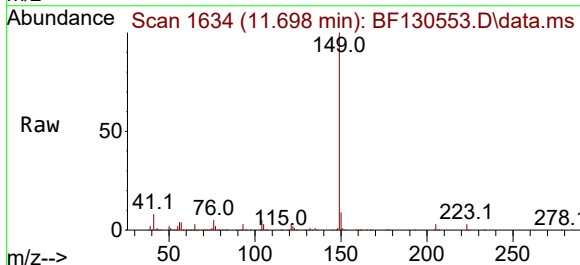
Tgt Ion:149 Resp: 306953

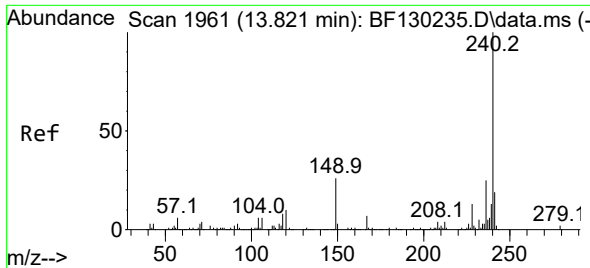
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.4 4.8 7.2

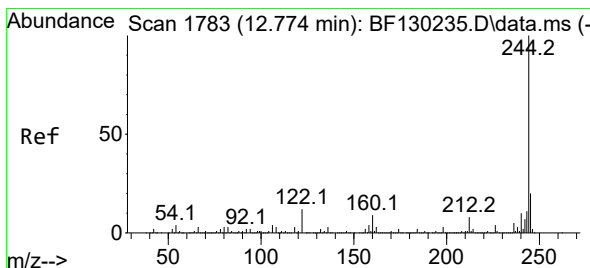
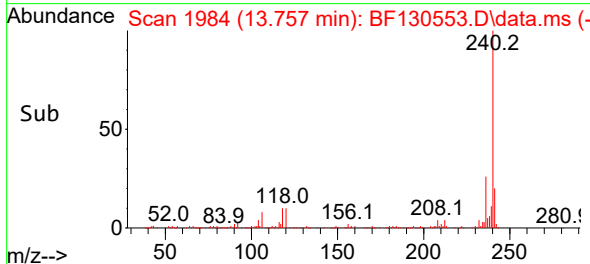
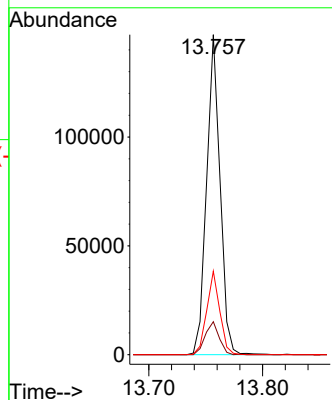
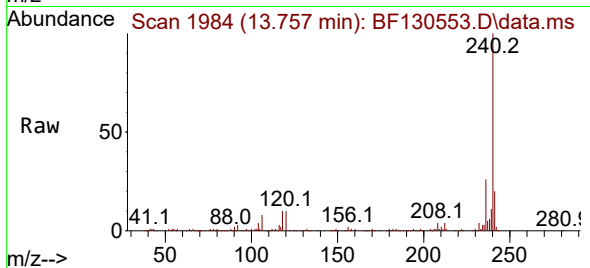




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

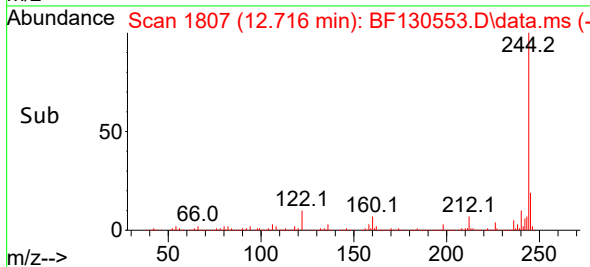
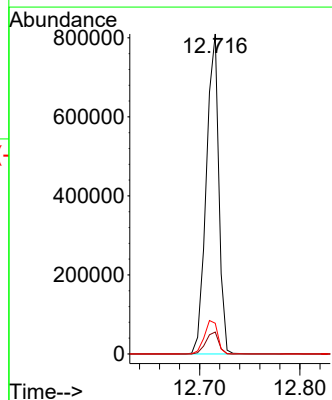
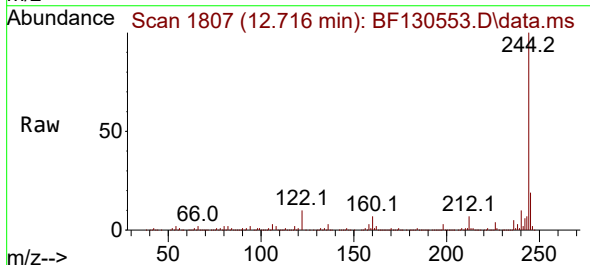
Instrument :
BNA_F
ClientSampleId :
506D-2

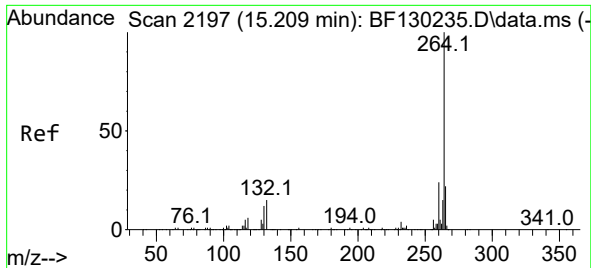
Tgt Ion:240 Resp: 120698
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 96.893 ng
RT: 12.716 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

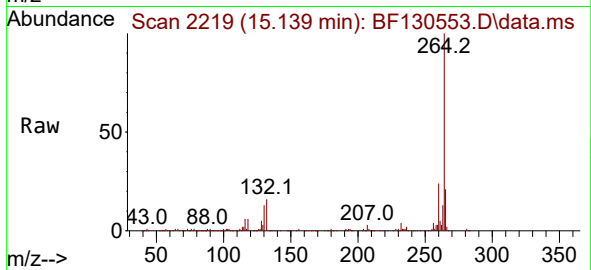
Tgt Ion:244 Resp: 705998
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.6 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130553.D
Acq: 06 Oct 2022 16:27

Instrument :
BNA_F
ClientSampleId :
506D-2



Tgt Ion:264 Resp: 141905
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 20.8 17.0 25.4

