

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130570.D
 Acq On : 07 Oct 2022 11:14
 Operator : CG\JU
 Sample : N5000-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5486-4DL

Quant Time: Oct 10 01:41:48 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)

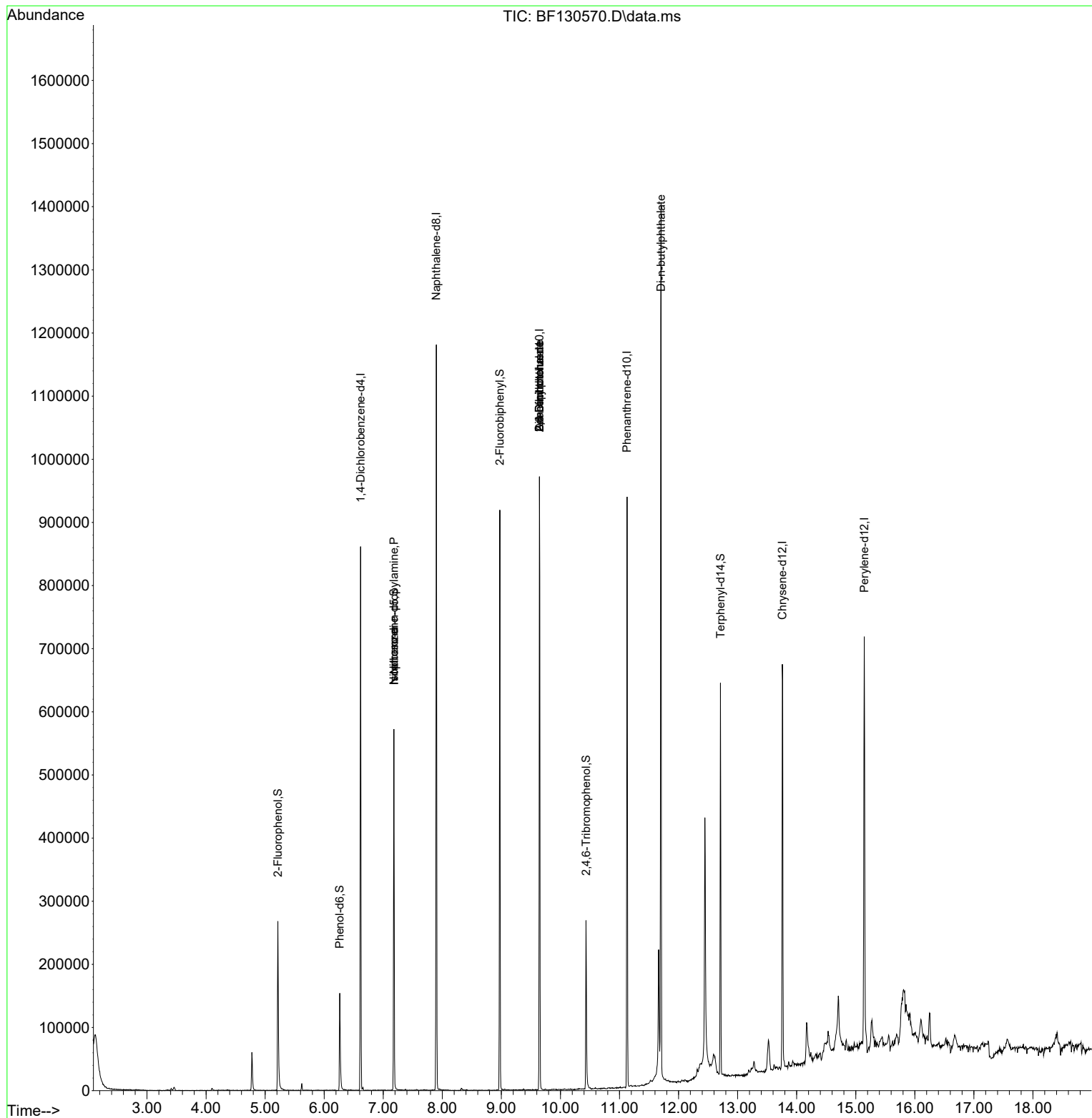
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	117238	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	462940	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	191386	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	300219	20.000	ng	0.00
76) Chrysene-d12	13.757	240	218102	20.000	ng	0.00
86) Perylene-d12	15.145	264	261317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	83385	12.336	ng	0.00
7) Phenol-d6	6.263	99	60398	7.141	ng	0.00
23) Nitrobenzene-d5	7.181	82	161351	17.806	ng	-0.01
42) 2,4,6-Tribromophenol	10.433	330	31794	17.337	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	237150	18.044	ng	0.00
79) Terphenyl-d14	12.710	244	180722	13.726	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.181	70	20731	3.633	ng	Qvalue # 76
25) Isophorone	7.181	82	161347	11.047	ng	# 66
50) Dimethylphthalate	9.645	163	34664	2.622	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	24717	8.940	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	24717	6.995	ng	# 16
74) Di-n-butylphthalate	11.704	149	659811	37.273	ng	99

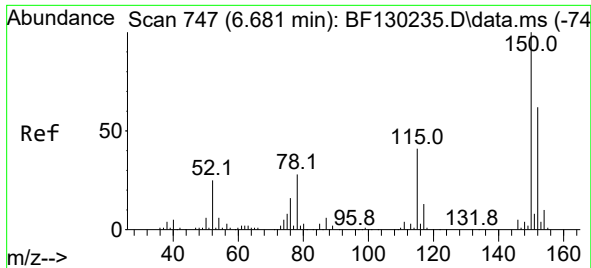
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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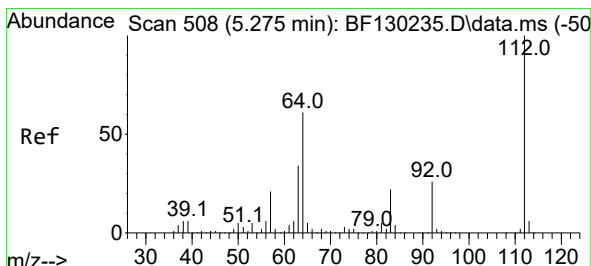
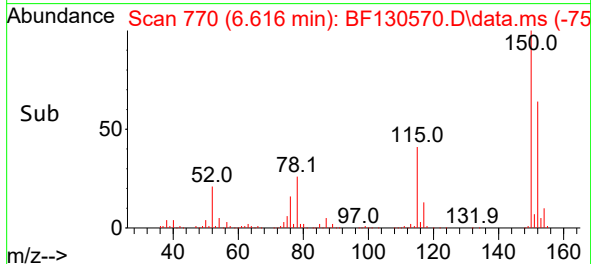
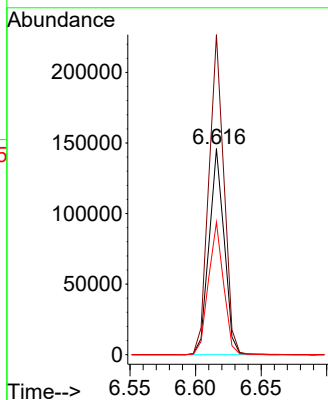
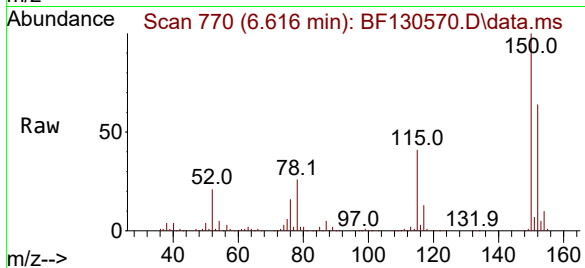




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.616 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

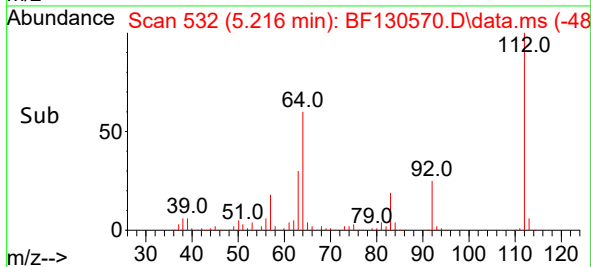
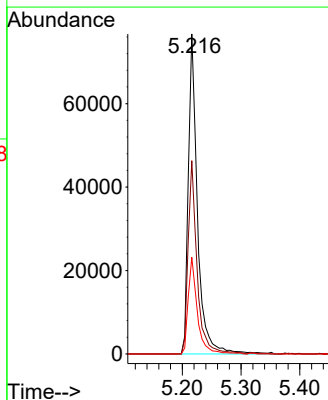
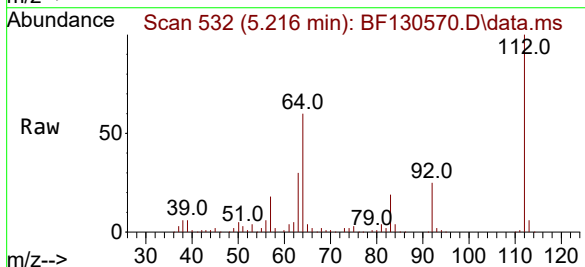
Instrument :
BNA_F
ClientSampleId :
5486-4DL

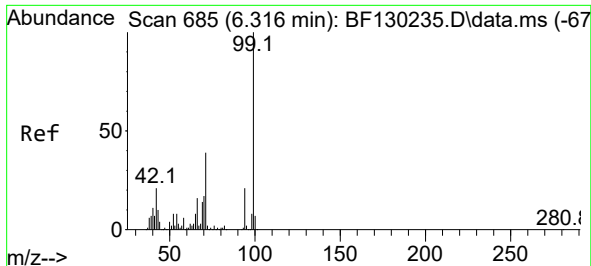
Tgt Ion:152 Resp: 117238
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 64.3 53.8 80.8



#5
2-Fluorophenol
Concen: 12.336 ng
RT: 5.216 min Scan# 532
Delta R.T. -0.000 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

Tgt Ion:112 Resp: 83385
Ion Ratio Lower Upper
112 100
64 60.4 51.4 77.0
63 30.2 28.8 43.2

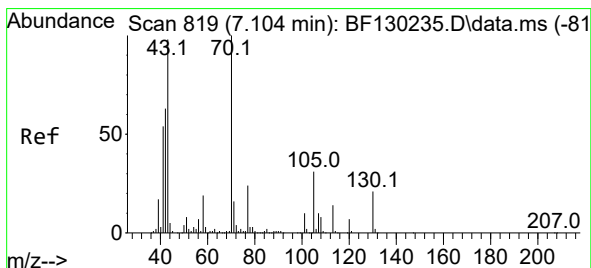
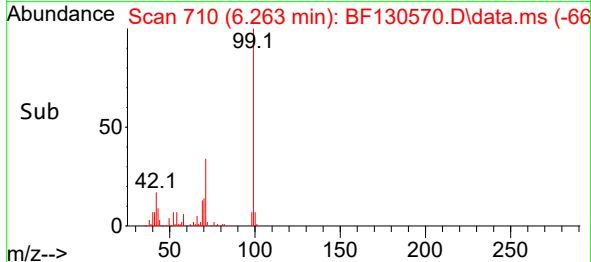
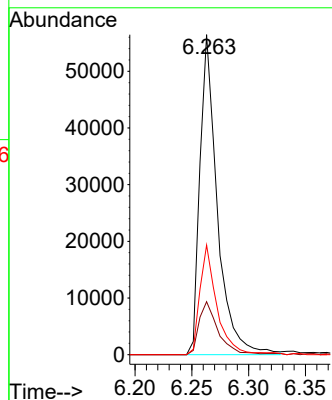
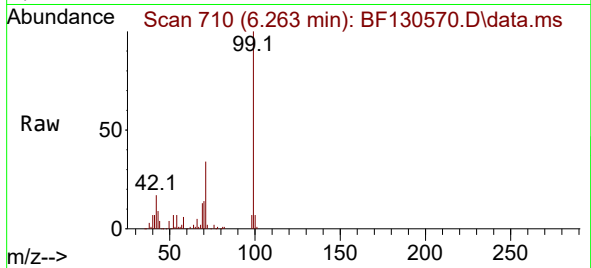




#7
Phenol-d6
Concen: 7.141 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

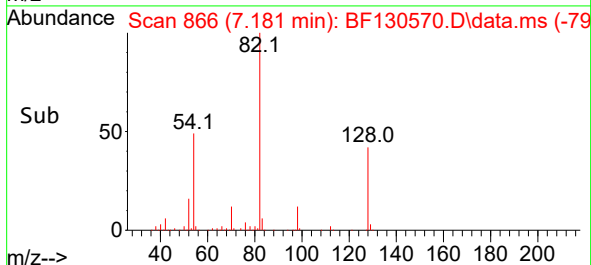
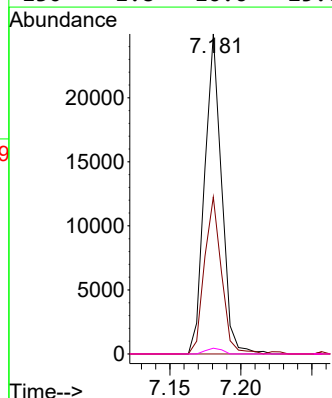
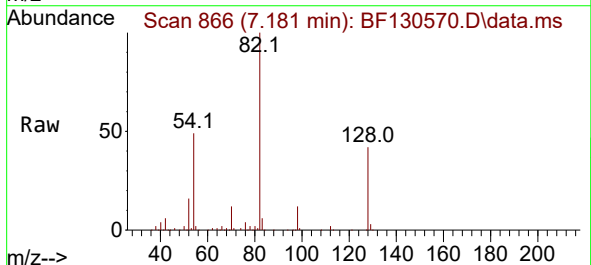
Instrument :
BNA_F
ClientSampleId :
5486-4DL

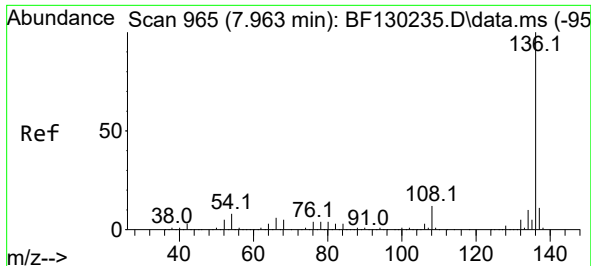
Tgt Ion: 99 Resp: 60398
Ion Ratio Lower Upper
99 100
42 16.6 17.0 25.6#
71 34.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.633 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

Tgt Ion: 70 Resp: 20731
Ion Ratio Lower Upper
70 100
42 49.0 50.8 76.2#
101 0.0 8.2 12.4#
130 1.8 16.6 25.0#

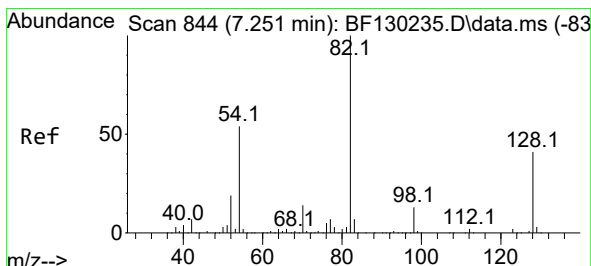
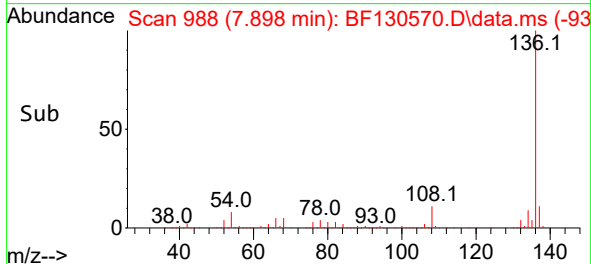
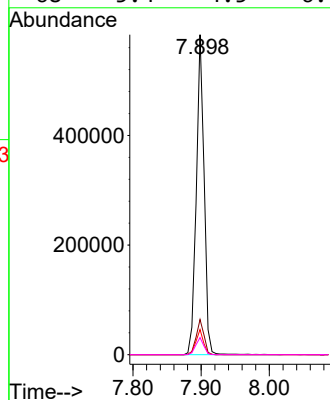
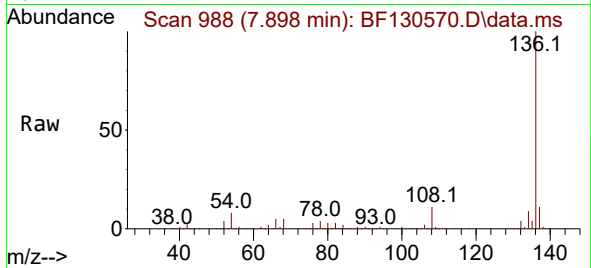




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

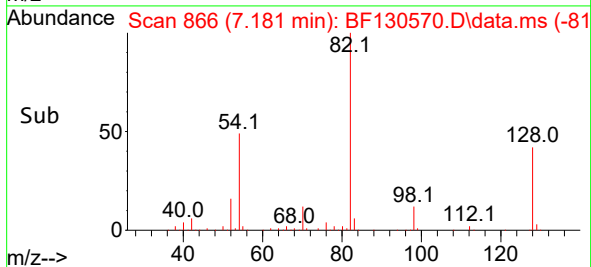
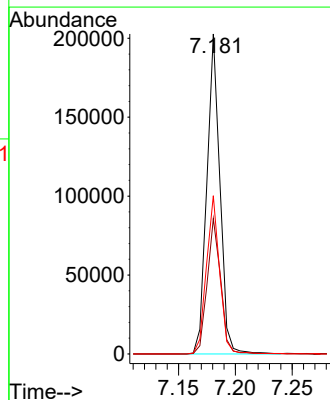
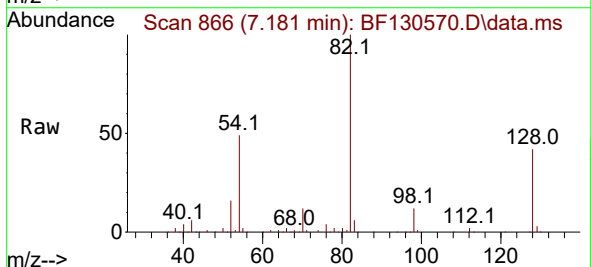
Instrument :
BNA_F
ClientSampleId :
5486-4DL

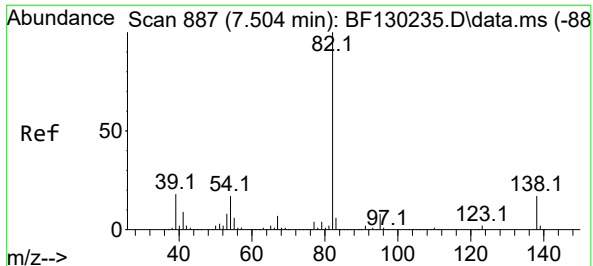
Tgt Ion:136 Resp: 462940
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.8 7.1 10.7
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 17.806 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

Tgt Ion: 82 Resp: 161351
Ion Ratio Lower Upper
82 100
128 42.3 32.6 49.0
54 49.5 43.8 65.6

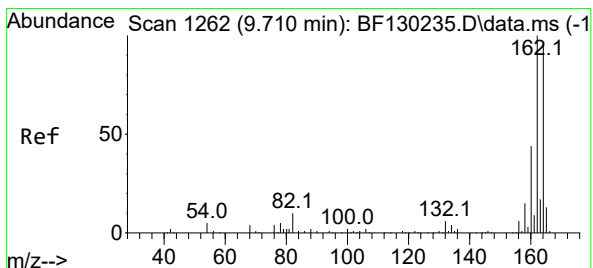
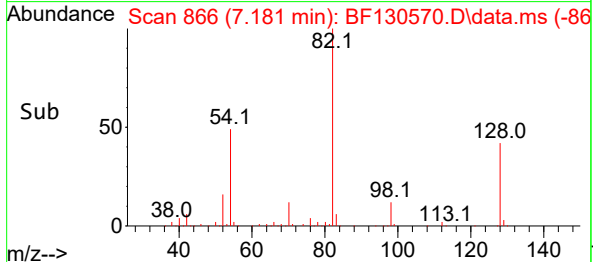
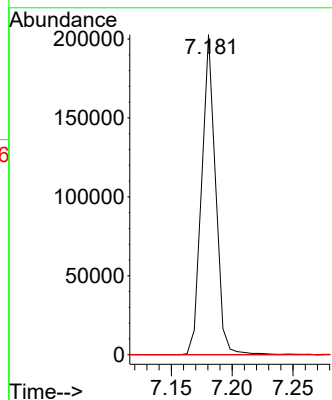
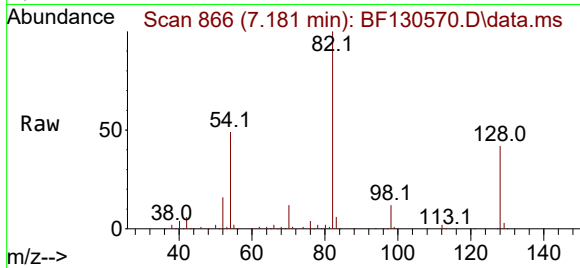




#25
Isophorone
Concen: 11.047 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

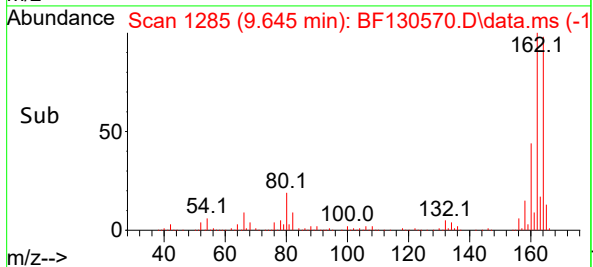
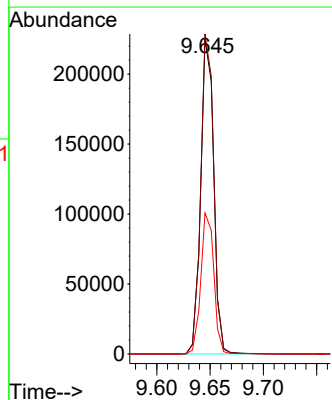
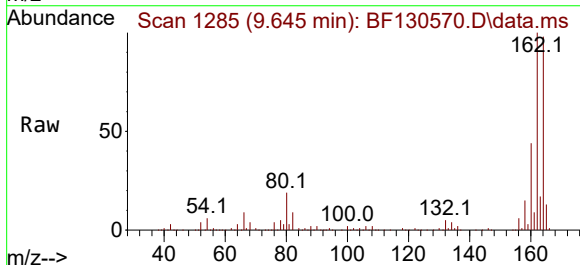
Instrument :
BNA_F
ClientSampleId :
5486-4DL

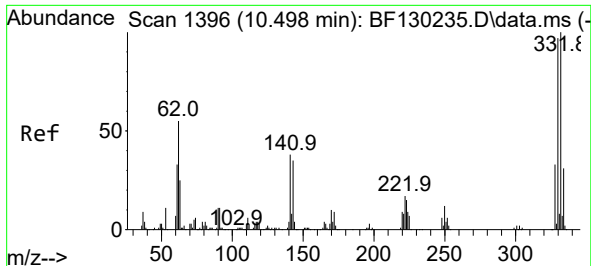
Tgt Ion: 82 Resp: 161347
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

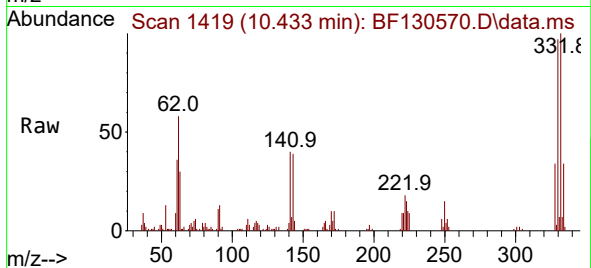
Tgt Ion:164 Resp: 191386
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 44.8 36.2 54.4



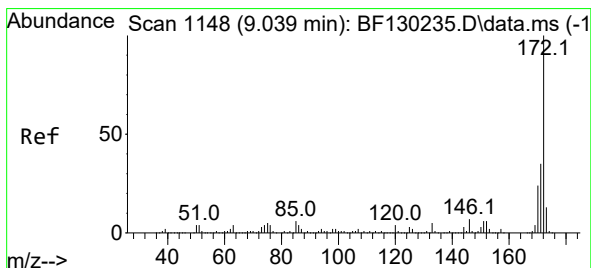
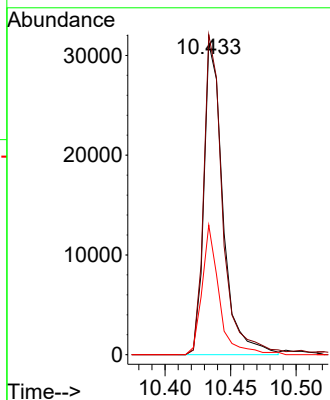
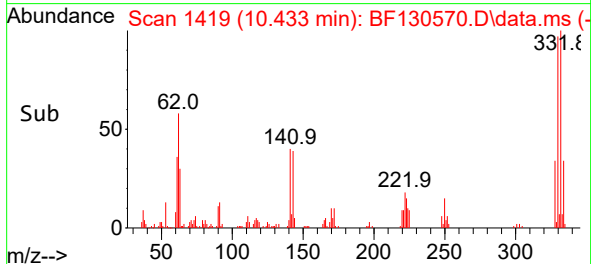


#42
2,4,6-Tribromophenol
Concen: 17.337 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

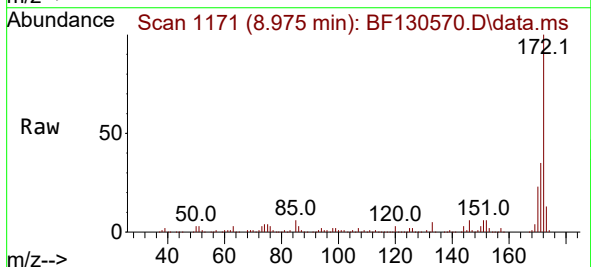
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ClientSampleId :
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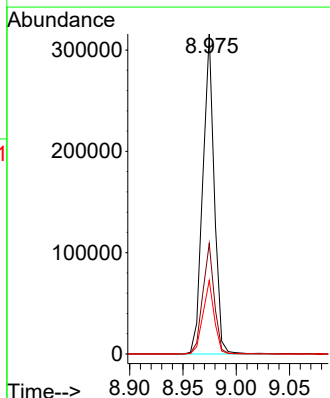
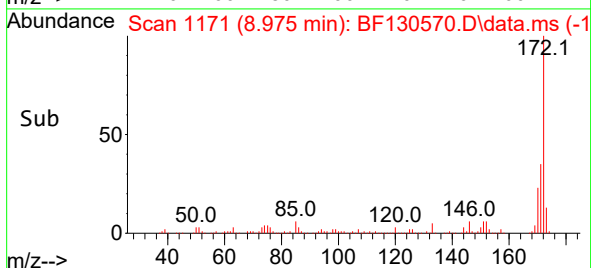
Tgt Ion:330 Resp: 31794
Ion Ratio Lower Upper
330 100
332 103.8 83.4 125.2
141 37.3 34.0 51.0

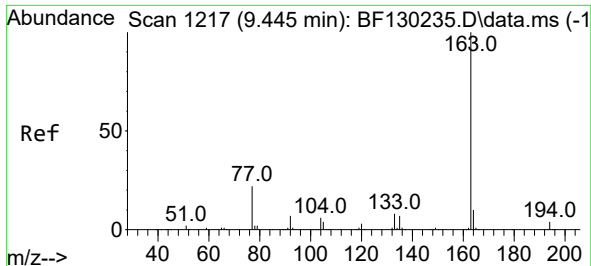


#45
2-Fluorobiphenyl
Concen: 18.044 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14



Tgt Ion:172 Resp: 237150
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.0 18.7 28.1

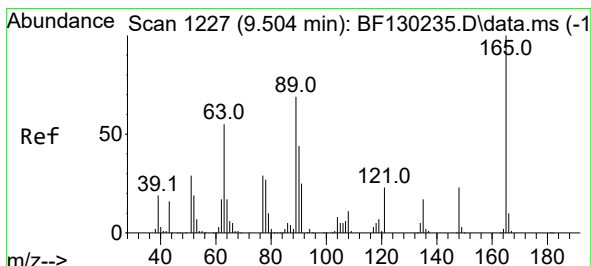
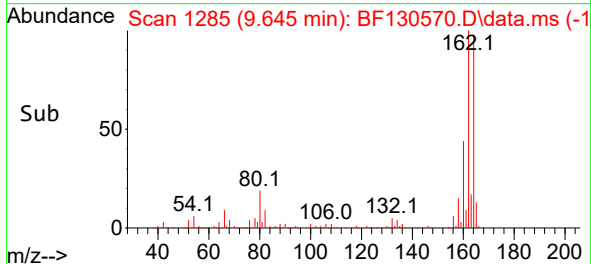
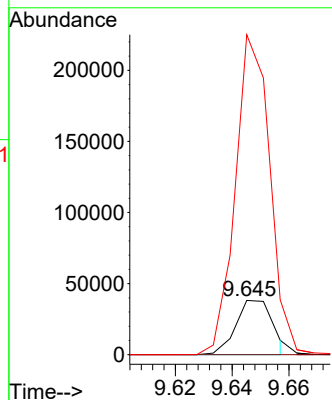
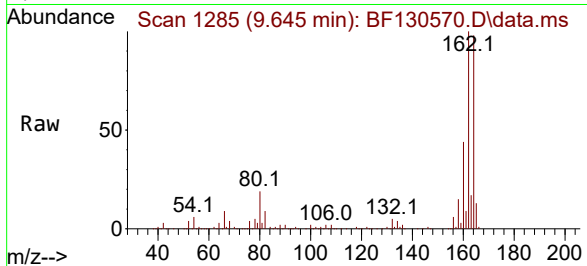




#50
Dimethylphthalate
Concen: 2.622 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

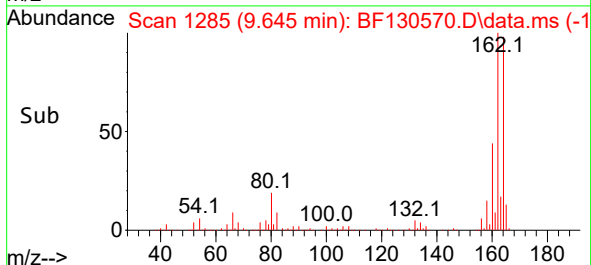
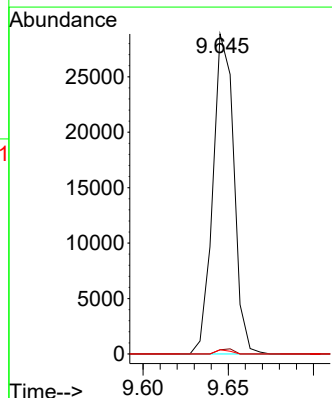
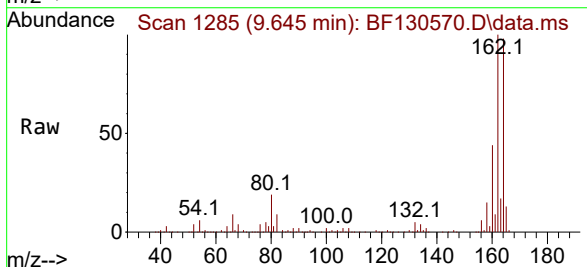
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5486-4DL

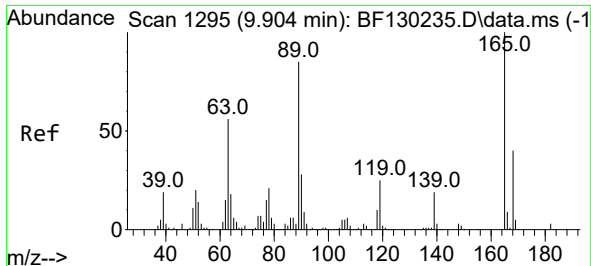
Tgt Ion:163 Resp: 34664
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 590.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.940 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

Tgt Ion:165 Resp: 24717
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 1.3 54.5 81.7#

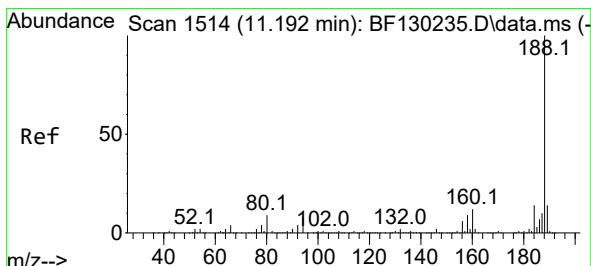
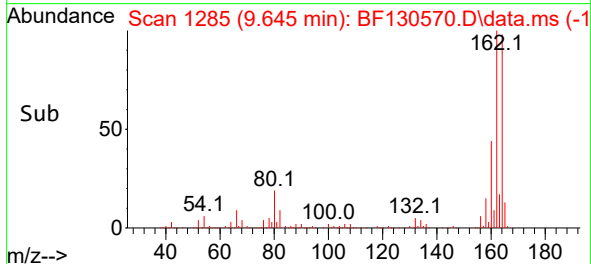
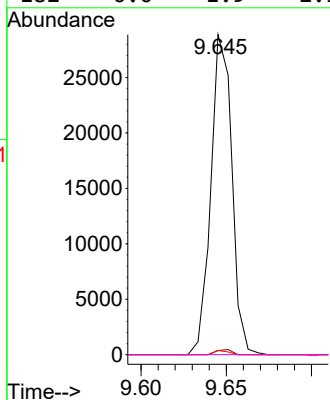
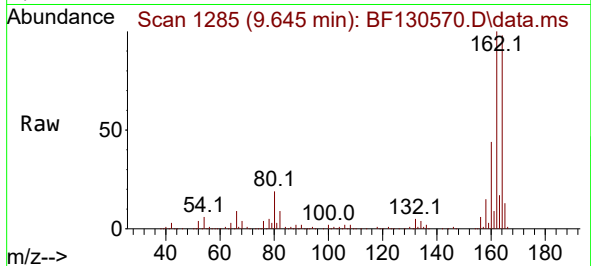




#57
2,4-Dinitrotoluene
Concen: 6.995 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

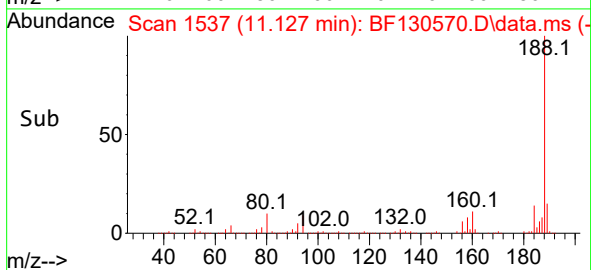
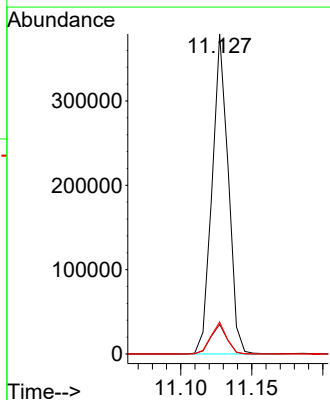
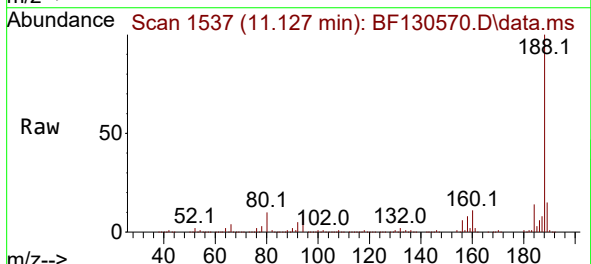
Instrument :
BNA_F
ClientSampleId :
5486-4DL

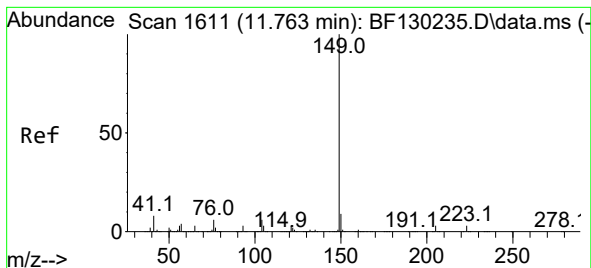
Tgt Ion:165	Resp:	24717
Ion Ratio	Lower	Upper
165	100	
63	1.3	44.7 67.1#
89	1.3	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130570.D
Acq: 07 Oct 2022 11:14

Tgt Ion:188	Resp:	300219
Ion Ratio	Lower	Upper
188	100	
94	9.2	7.4 11.2
80	10.0	7.9 11.9





#74

Di-n-butylphthalate

Concen: 37.273 ng

RT: 11.704 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF130570.D

Acq: 07 Oct 2022 11:14

Instrument :

BNA_F

ClientSampleId :

5486-4DL

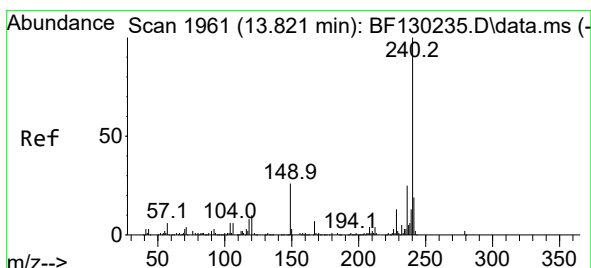
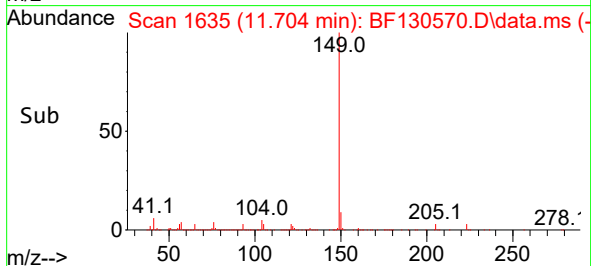
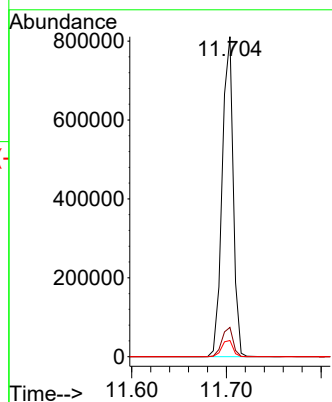
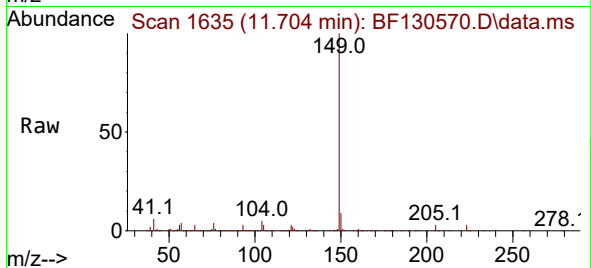
Tgt Ion:149 Resp: 659811

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.0 4.8 7.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.757 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF130570.D

Acq: 07 Oct 2022 11:14

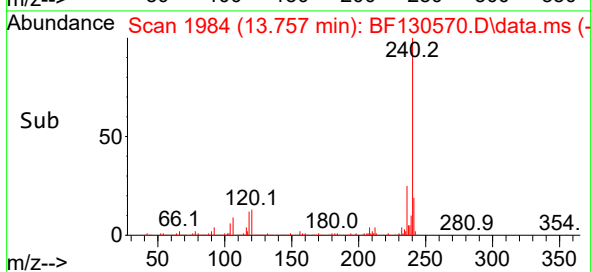
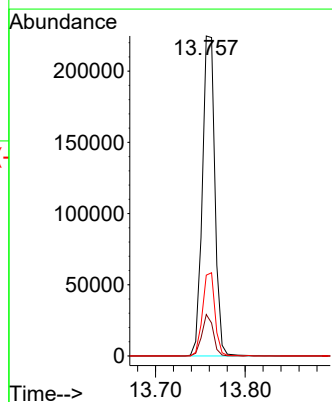
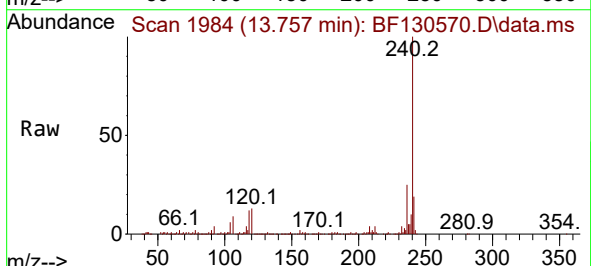
Tgt Ion:240 Resp: 218102

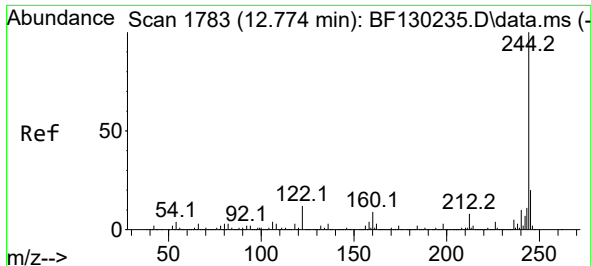
Ion Ratio Lower Upper

240 100

120 12.9 8.7 13.1

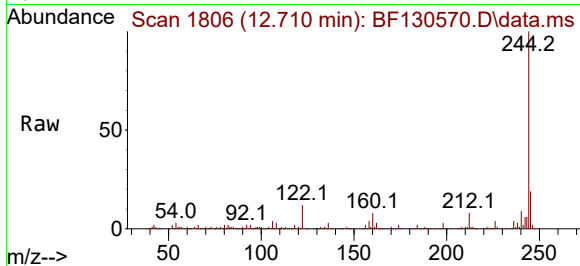
236 25.3 20.9 31.3



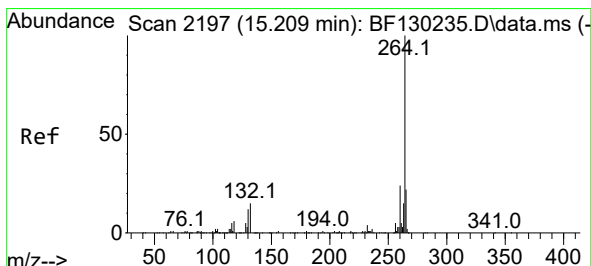
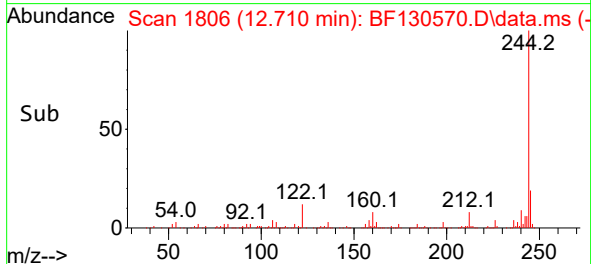
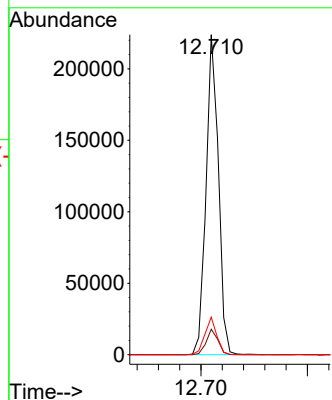


#79
 Terphenyl-d14
 Concen: 13.726 ng
 RT: 12.710 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: BF130570.D
 Acq: 07 Oct 2022 11:14

Instrument :
 BNA_F
 ClientSampleId :
 5486-4DL



Tgt Ion:244 Resp: 180722
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 11.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.145 min Scan# 2220
 Delta R.T. -0.000 min
 Lab File: BF130570.D
 Acq: 07 Oct 2022 11:14

Tgt Ion:264 Resp: 261317
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.8 17.0 25.4

