

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
 Data File : BF130556.D
 Acq On : 06 Oct 2022 18:09
 Operator : CG\JU
 Sample : N5014-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0

Quant Time: Oct 07 02:11:30 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)

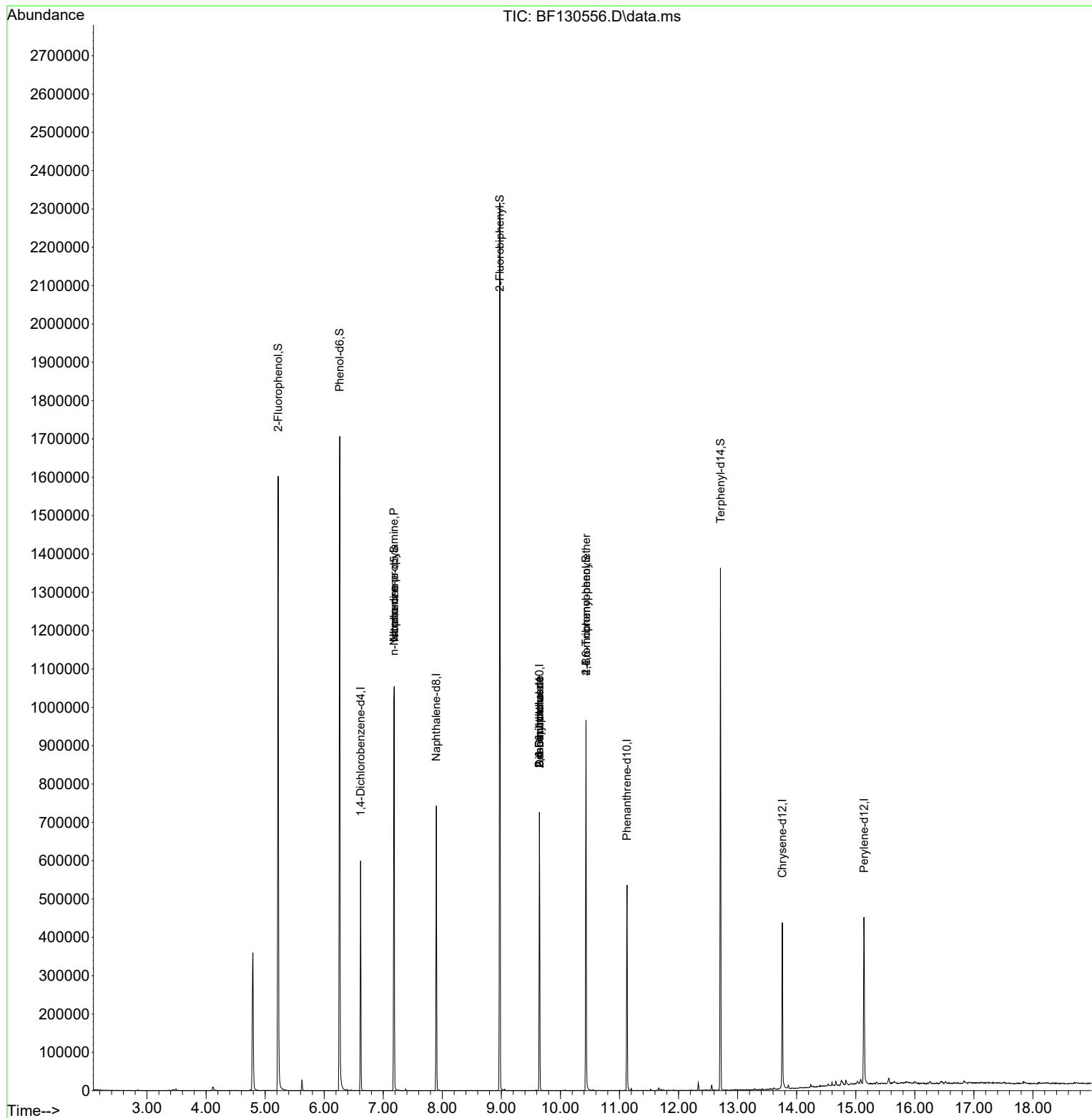
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	75553	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	286400	20.000	ng	0.00
39) Acenaphthene-d10	9.645	164	133595	20.000	ng	0.00
64) Phenanthrene-d10	11.127	188	184835	20.000	ng	0.00
76) Chrysene-d12	13.757	240	128218	20.000	ng	0.00
86) Perylene-d12	15.139	264	173603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	441343	101.319	ng	0.00
7) Phenol-d6	6.263	99	529165	97.088	ng	0.00
23) Nitrobenzene-d5	7.186	82	340061	60.661	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	96664	75.513	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	604899	65.934	ng	0.00
79) Terphenyl-d14	12.710	244	404190	52.219	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.181	70	46458	12.632	ng	# 73
25) Isophorone	7.186	82	340058	37.636	ng	# 66
50) Dimethylphthalate	9.645	163	24767	2.684	ng	# 1
51) 2,6-Dinitrotoluene	9.645	165	16982	8.799	ng	# 16
57) 2,4-Dinitrotoluene	9.645	165	16982	6.885	ng	# 16
67) 4-Bromophenyl-phenylether	10.433	248	6173	3.027	ng	# 1

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

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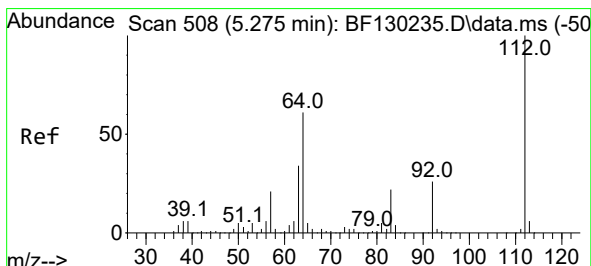
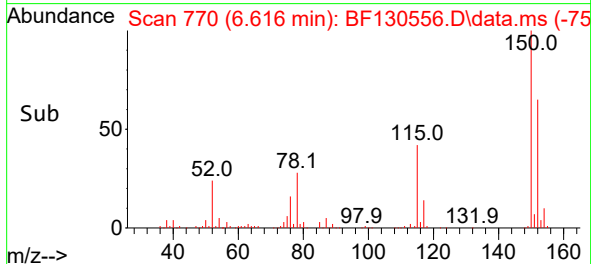
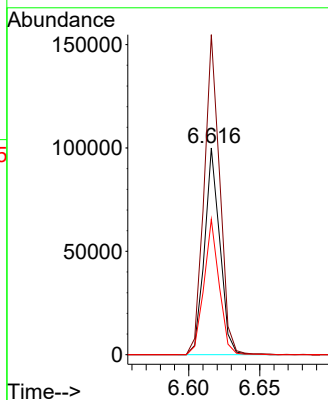
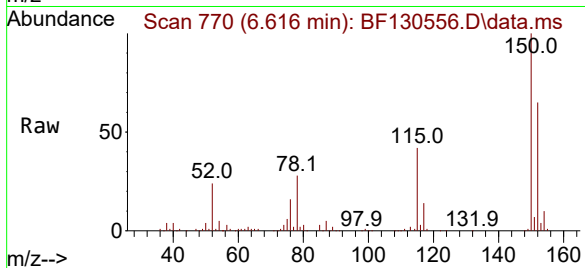




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.616 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130556.D
 Acq: 06 Oct 2022 18:09

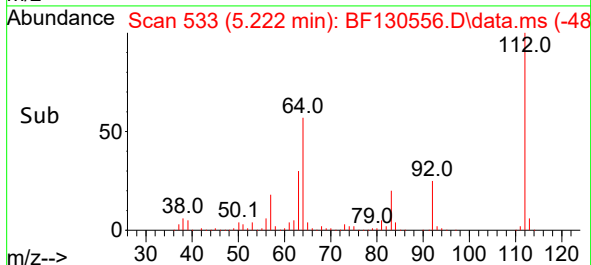
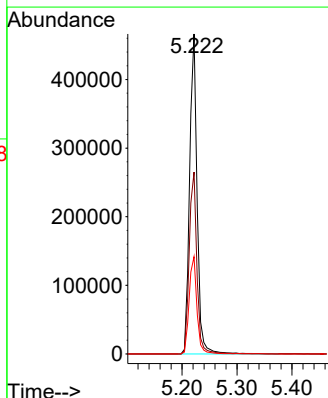
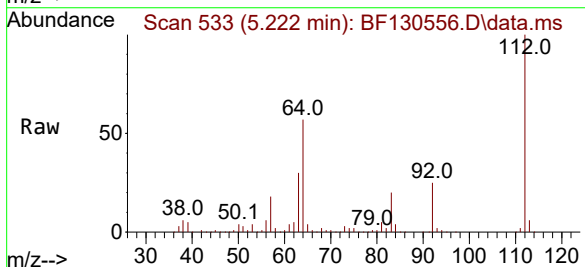
Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0

Tgt Ion:152 Resp: 75553
 Ion Ratio Lower Upper
 152 100
 150 154.8 122.8 184.2
 115 65.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 101.319 ng
 RT: 5.222 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: BF130556.D
 Acq: 06 Oct 2022 18:09

Tgt Ion:112 Resp: 441343
 Ion Ratio Lower Upper
 112 100
 64 56.9 51.4 77.0
 63 30.4 28.8 43.2

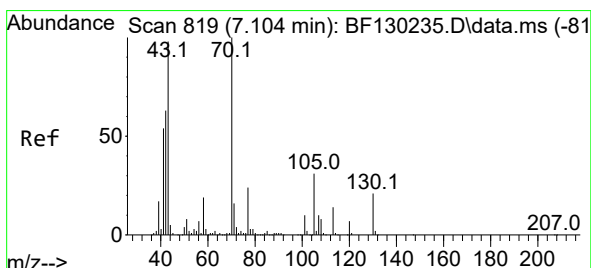
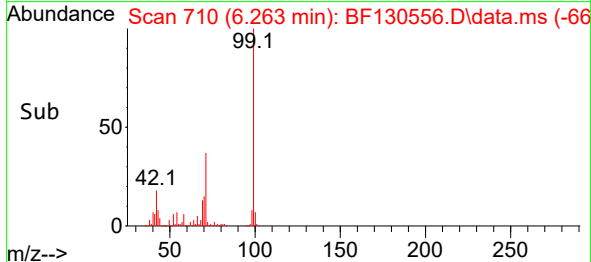
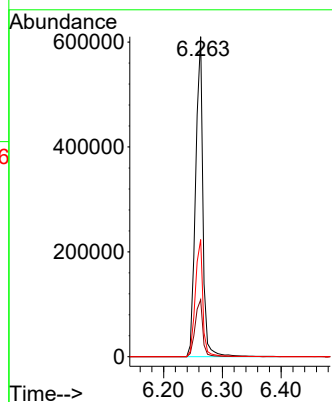
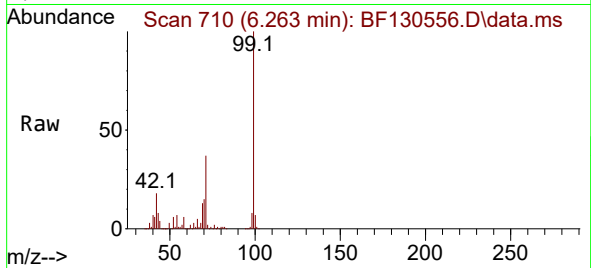




#7
Phenol-d6
Concen: 97.088 ng
RT: 6.263 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

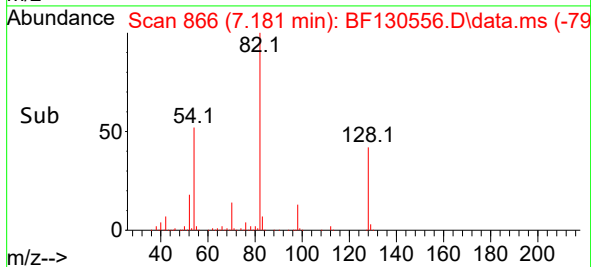
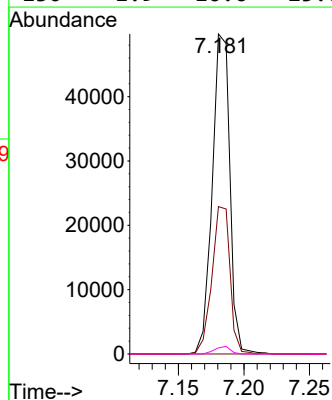
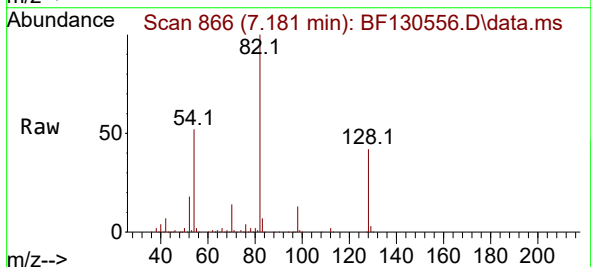
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0

Tgt Ion: 99 Resp: 529165
Ion Ratio Lower Upper
99 100
42 17.8 17.0 25.6
71 36.6 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.632 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

Tgt Ion: 70 Resp: 46458
Ion Ratio Lower Upper
70 100
42 46.0 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

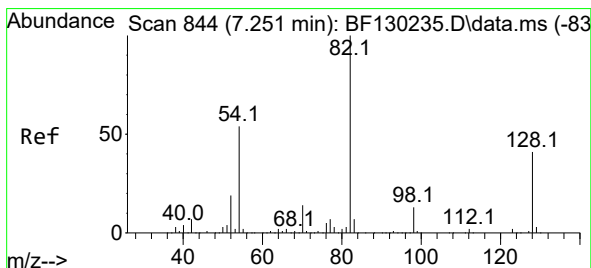
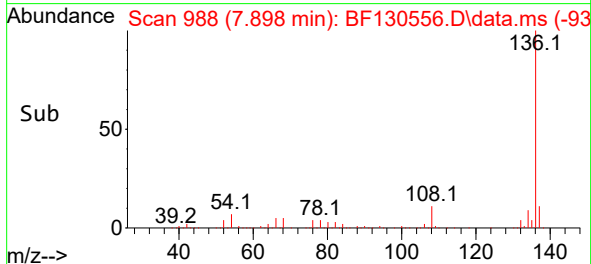
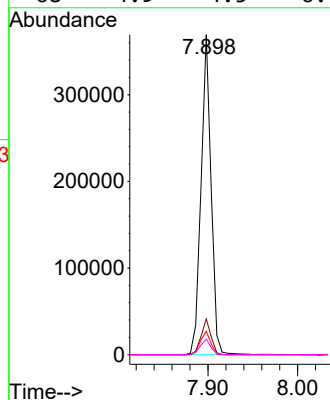
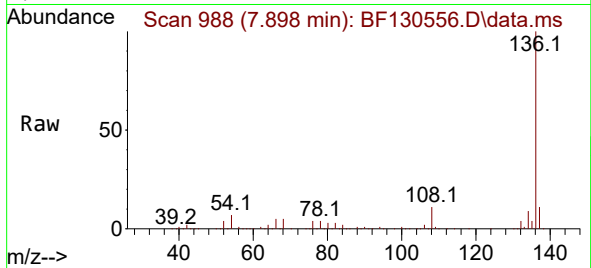




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.898 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

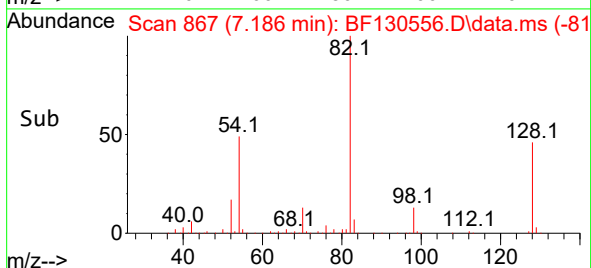
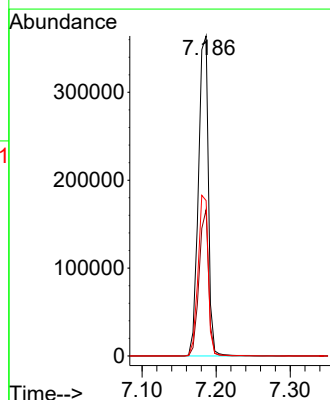
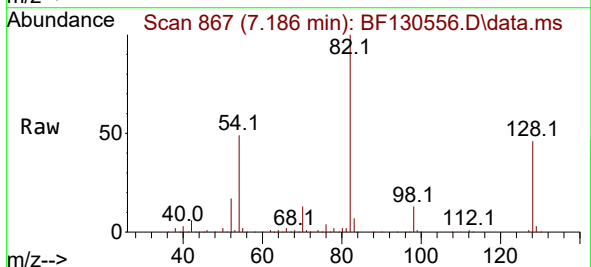
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0

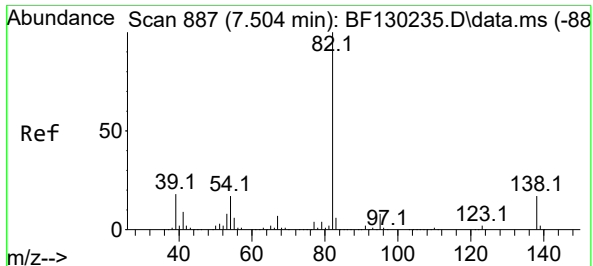
Tgt Ion:136 Resp: 286400
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.3 7.1 10.7
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 60.661 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

Tgt Ion: 82 Resp: 340061
Ion Ratio Lower Upper
82 100
128 45.7 32.6 49.0
54 48.6 43.8 65.6

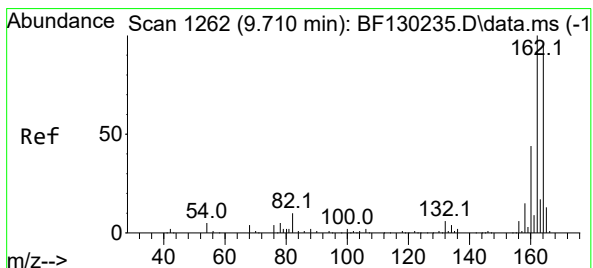
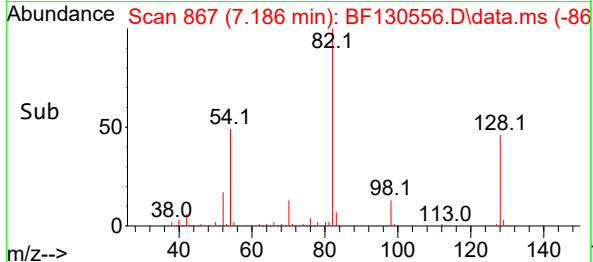
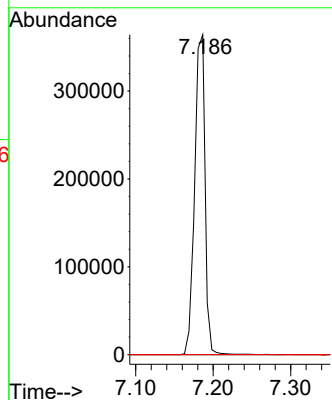
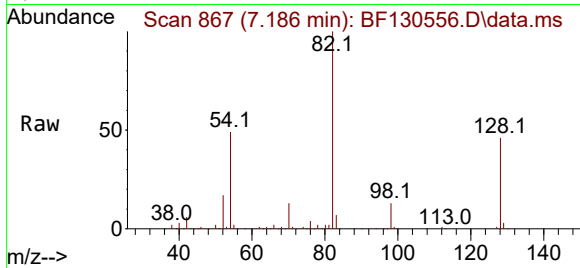




#25
Isophorone
Concen: 37.636 ng
RT: 7.186 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

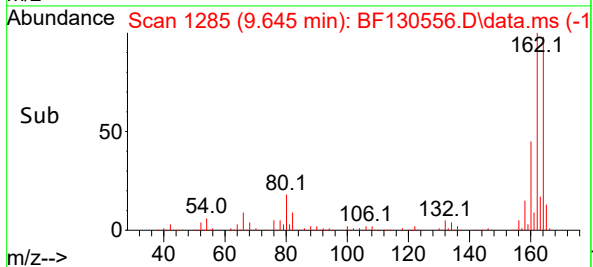
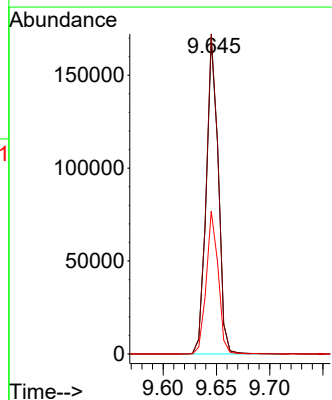
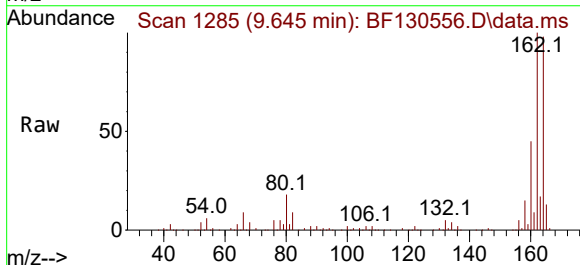
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BNA_F
ClientSampleId :
SB-10-0-2.0

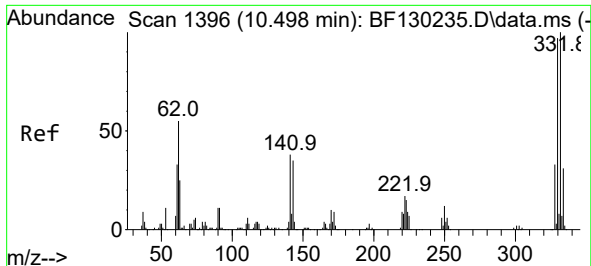
Tgt Ion: 82 Resp: 340058
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

Tgt Ion: 164 Resp: 133595
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 75.513 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF130556.D

Acq: 06 Oct 2022 18:09

Instrument :

BNA_F

ClientSampleId :

SB-10-0-2.0

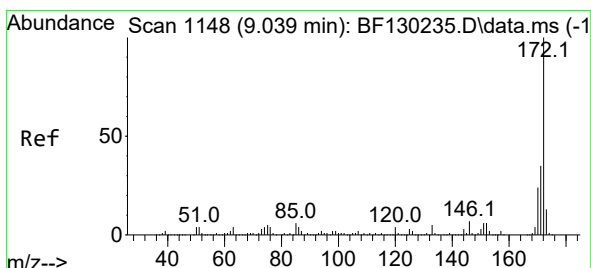
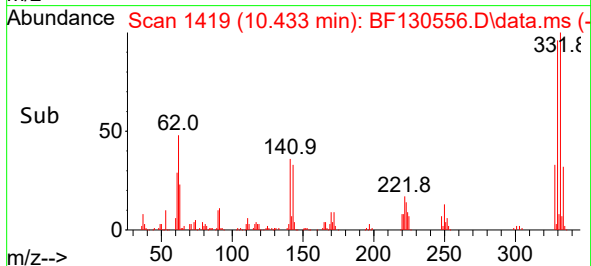
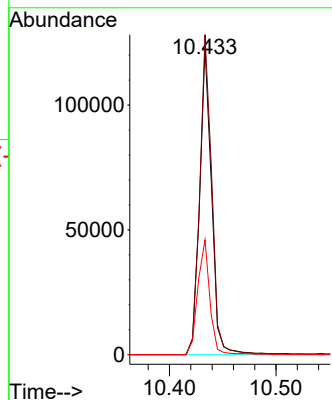
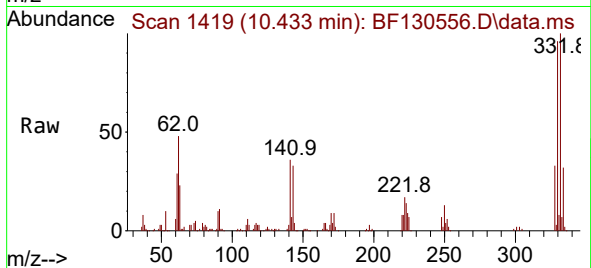
Tgt Ion:330 Resp: 96664

Ion Ratio Lower Upper

330 100

332 105.1 83.4 125.2

141 38.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 65.934 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF130556.D

Acq: 06 Oct 2022 18:09

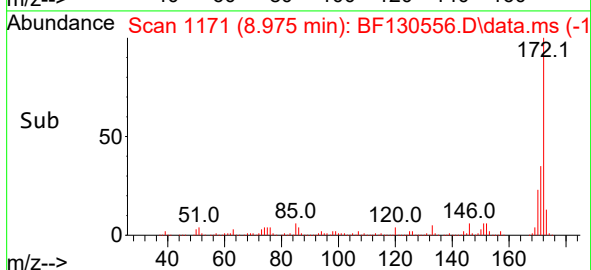
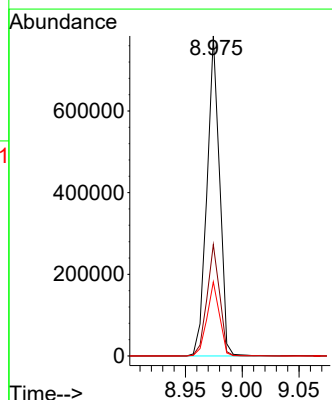
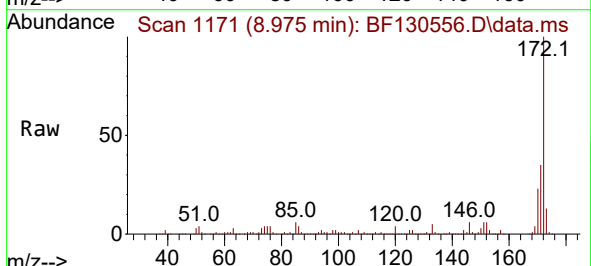
Tgt Ion:172 Resp: 604899

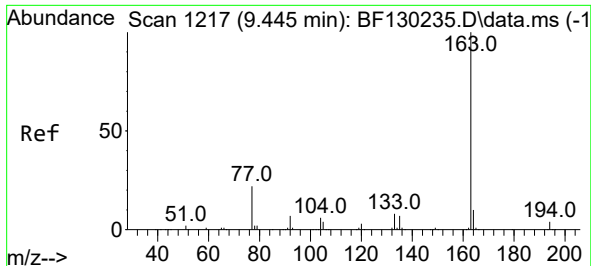
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.2 18.7 28.1

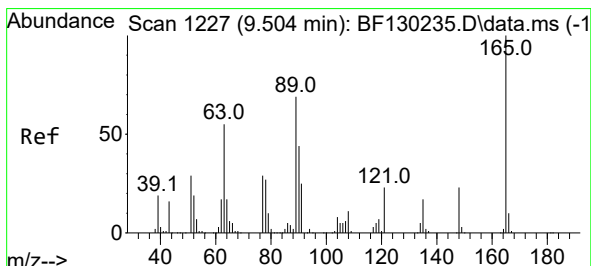
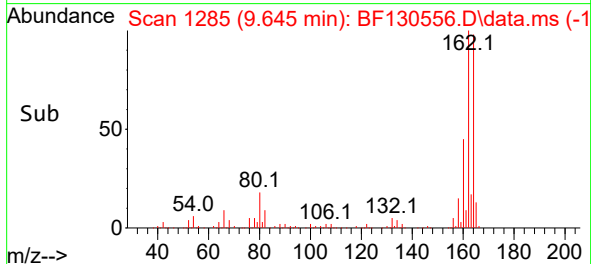
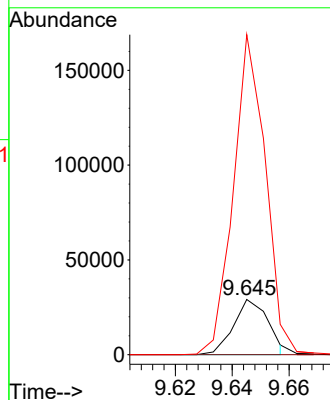
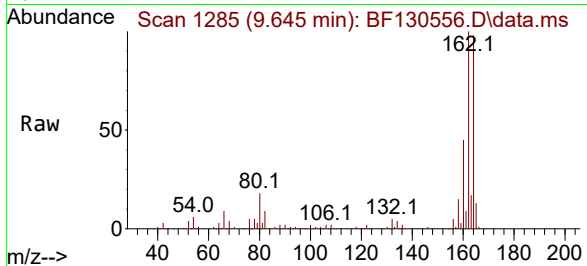




#50
Dimethylphthalate
Concen: 2.684 ng
RT: 9.645 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

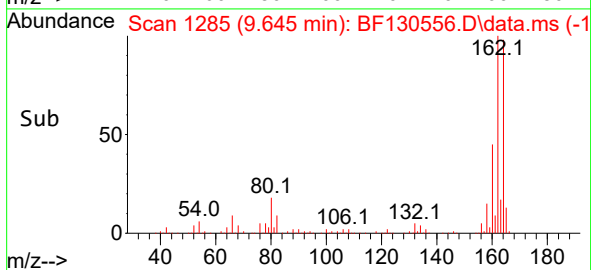
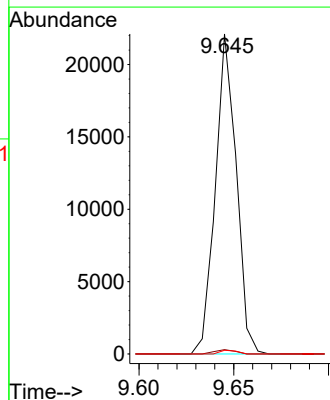
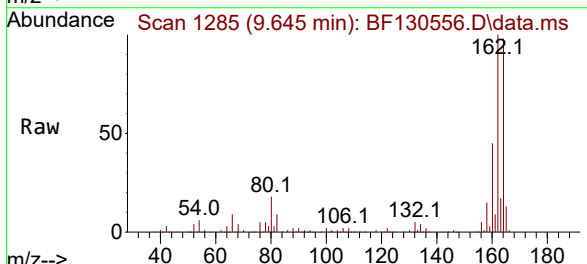
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SB-10-0-2.0

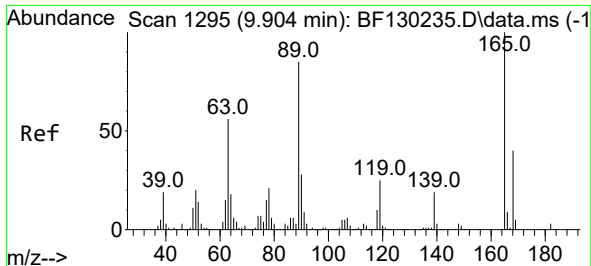
Tgt Ion:163 Resp: 24767
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 579.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.194 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

Tgt Ion:165 Resp: 16982
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.2 54.5 81.7#

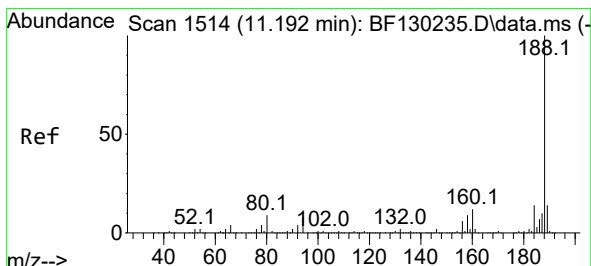
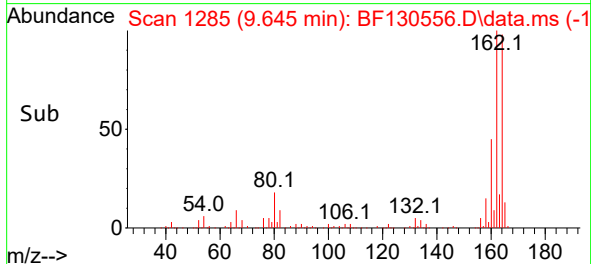
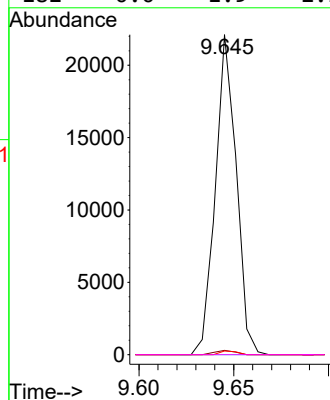
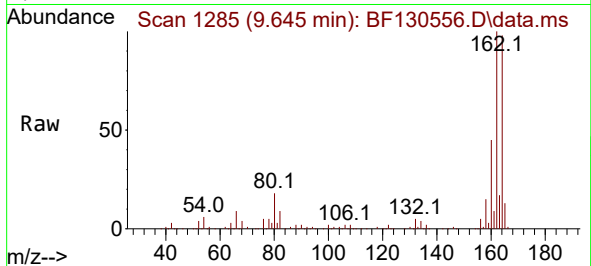




#57
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

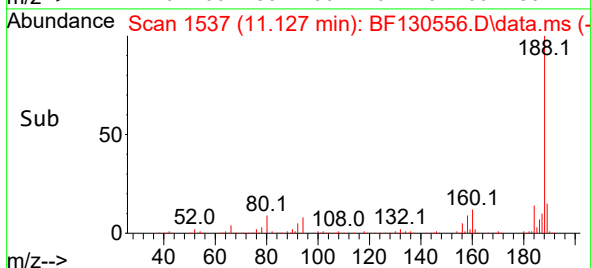
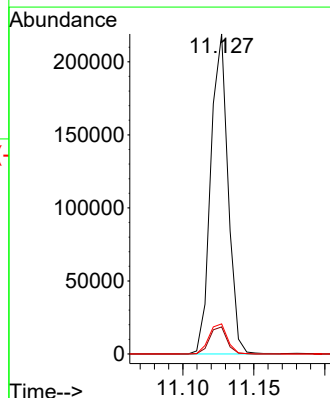
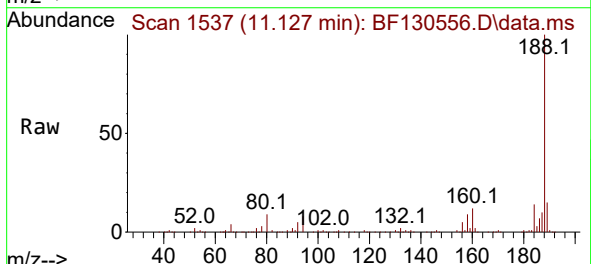
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0

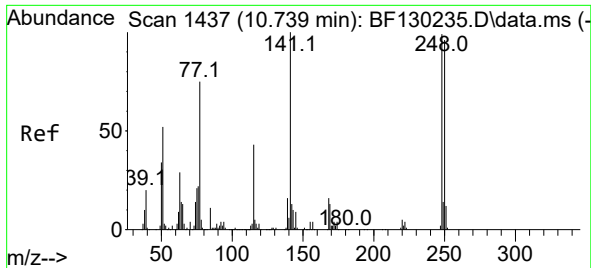
Tgt Ion:165 Resp: 16982
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.2 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.127 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

Tgt Ion:188 Resp: 184835
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.4 7.9 11.9

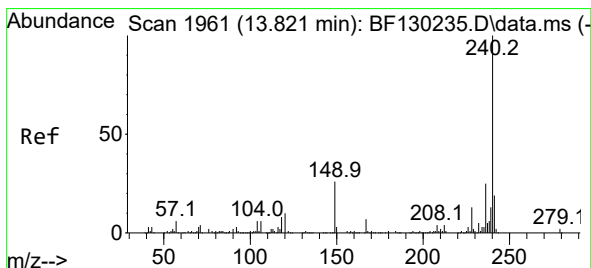
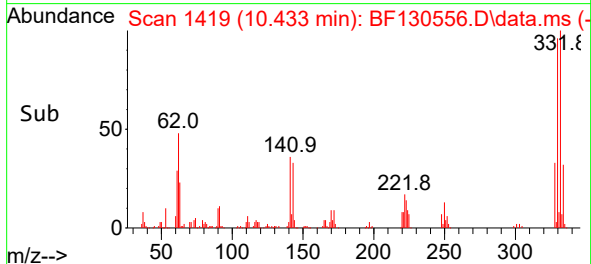
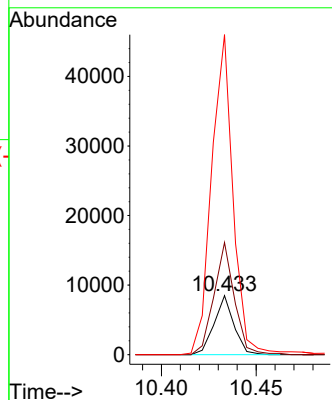
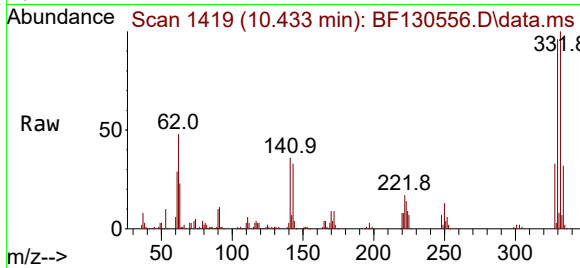




#67
4-Bromophenyl-phenylether
Concen: 3.027 ng
RT: 10.433 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

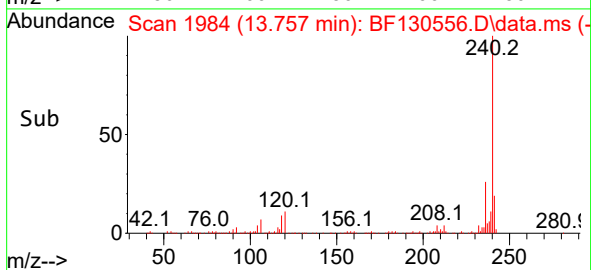
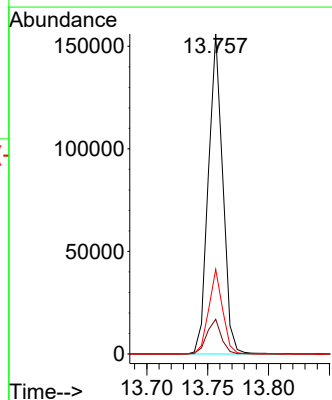
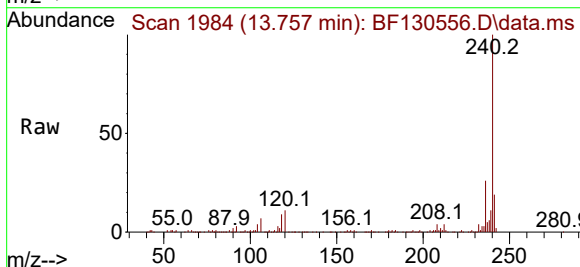
Instrument :
BNA_F
ClientSampleId :
SB-10-0-2.0

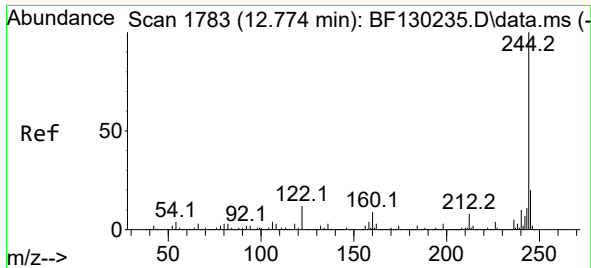
Tgt Ion:248 Resp: 6173
Ion Ratio Lower Upper
248 100
250 190.2 80.0 120.0#
141 542.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.757 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BF130556.D
Acq: 06 Oct 2022 18:09

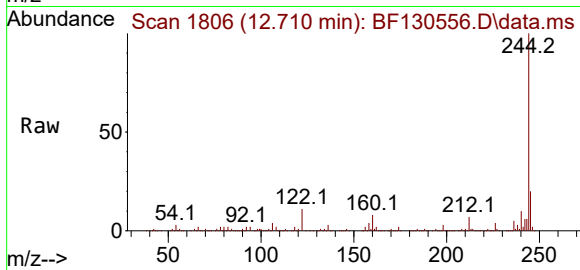
Tgt Ion:240 Resp: 128218
Ion Ratio Lower Upper
240 100
120 10.8 8.7 13.1
236 26.5 20.9 31.3



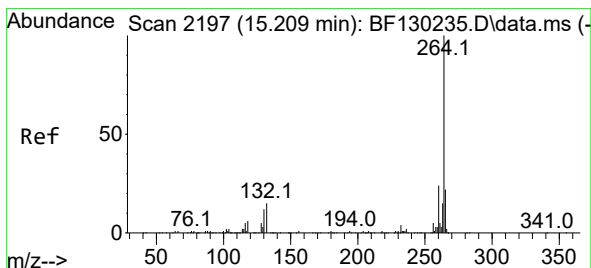
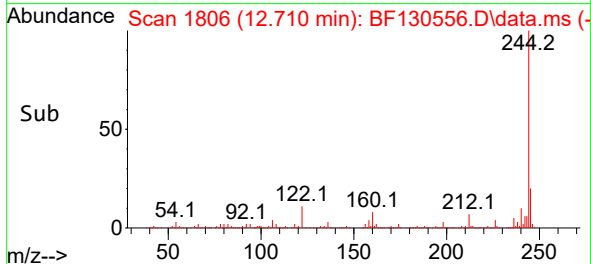
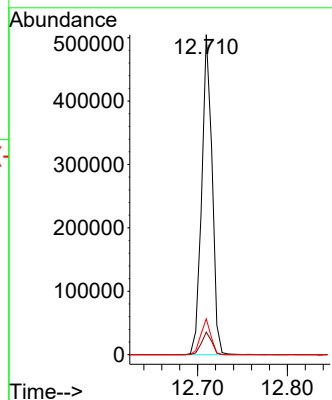


#79
 Terphenyl-d14
 Concen: 52.219 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130556.D
 Acq: 06 Oct 2022 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-0-2.0



Tgt Ion:244 Resp: 404190
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.139 min Scan# 2219
 Delta R.T. -0.006 min
 Lab File: BF130556.D
 Acq: 06 Oct 2022 18:09

Tgt Ion:264 Resp: 173603
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 20.4 17.0 25.4

