

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130606.D
 Acq On : 10 Oct 2022 16:53
 Operator : CG\JU
 Sample : N5046-09RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-9

Quant Time: Oct 11 03:26:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

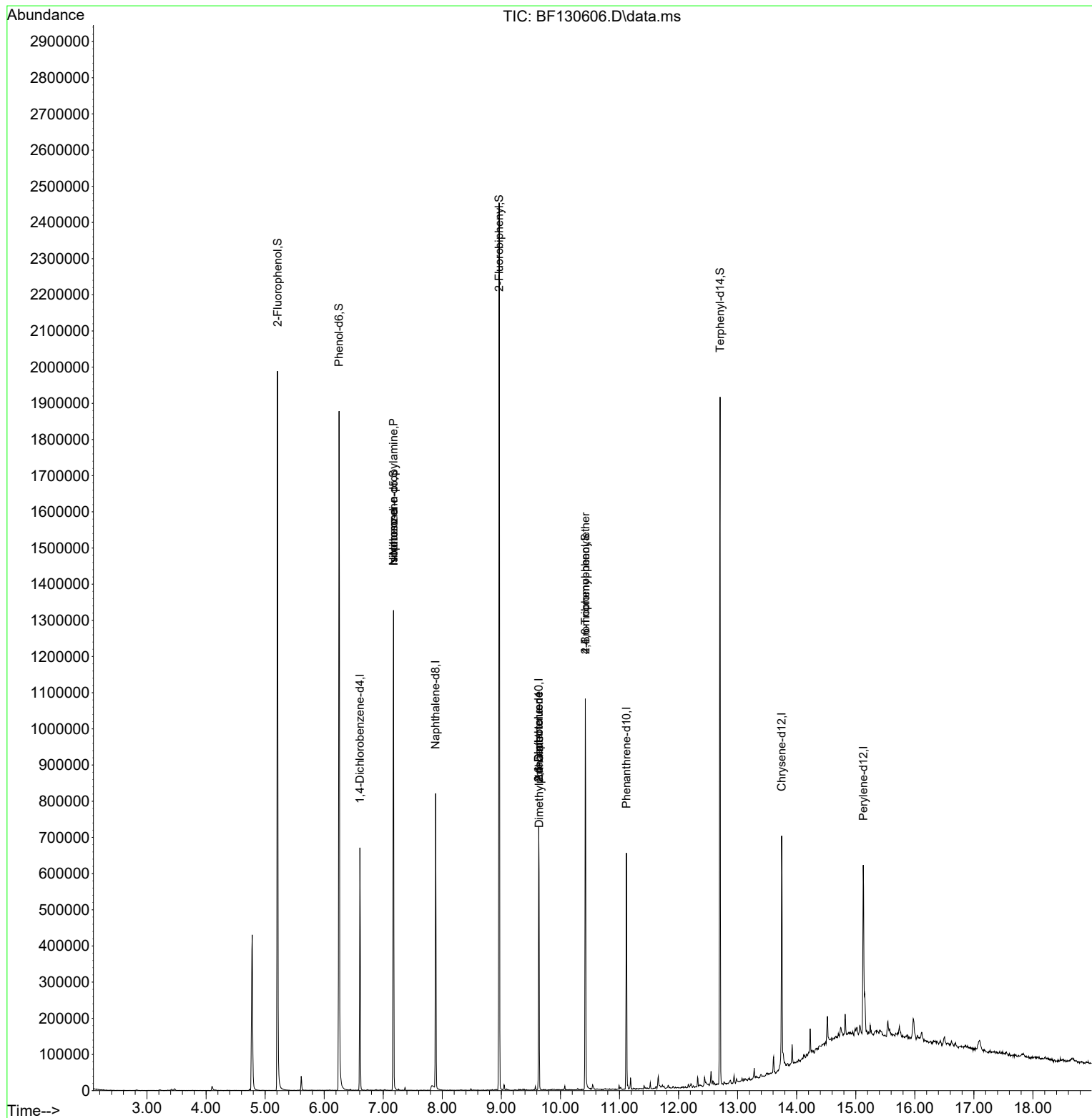
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	89964	20.000	ng	0.00
21) Naphthalene-d8	7.886	136	326684	20.000	ng	0.00
39) Acenaphthene-d10	9.633	164	143066	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	209384	20.000	ng	0.00
76) Chrysene-d12	13.745	240	198265	20.000	ng	0.00
86) Perylene-d12	15.127	264	190549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	539104	103.937	ng	0.00
7) Phenol-d6	6.251	99	657175	101.260	ng	0.00
23) Nitrobenzene-d5	7.175	82	404015	63.182	ng	0.00
42) 2,4,6-Tribromophenol	10.422	330	124735	90.991	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	690024	70.234	ng	0.00
79) Terphenyl-d14	12.704	244	598724	50.023	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.175	70	52832	12.064	ng	# 71
25) Isophorone	7.175	82	404011	39.200	ng	# 66
50) Dimethylphthalate	9.639	163	27381	2.771	ng	# 1
51) 2,6-Dinitrotoluene	9.633	165	18797	9.095	ng	# 15
57) 2,4-Dinitrotoluene	9.633	165	18797	7.116	ng	# 15
67) 4-Bromophenyl-phenylether	10.422	248	7232	3.131	ng	# 1

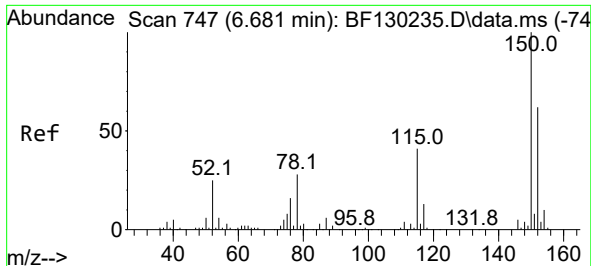
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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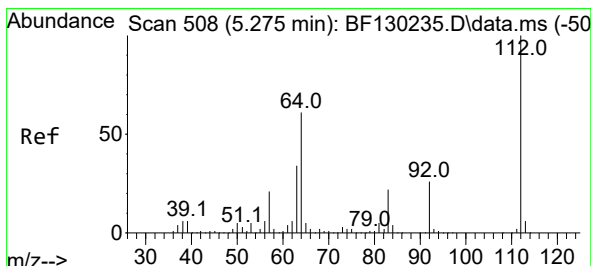
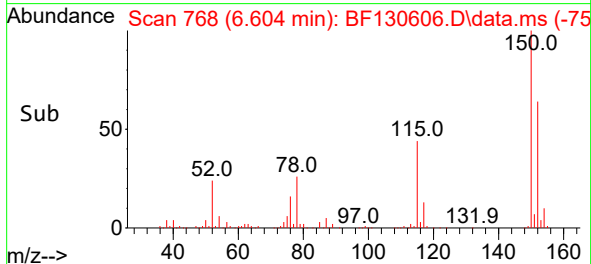
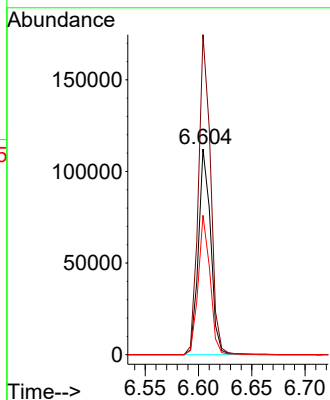
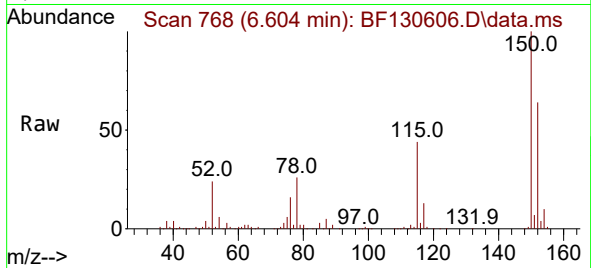




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

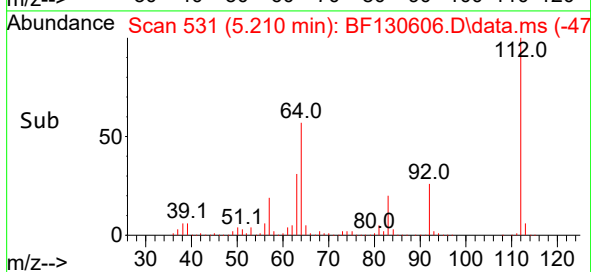
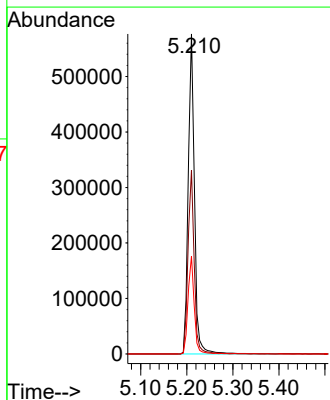
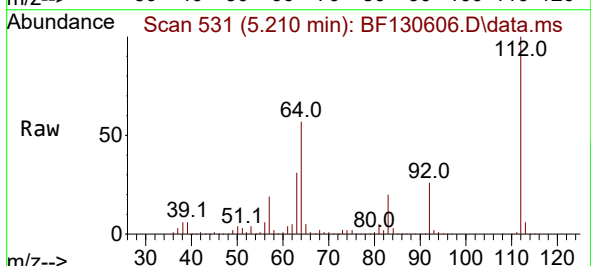
Instrument :
BNA_F
ClientSampleId :
R-9

Tgt Ion:152 Resp: 89964
Ion Ratio Lower Upper
152 100
150 155.6 122.8 184.2
115 67.7 53.8 80.8



#5
2-Fluorophenol
Concen: 103.937 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion:112 Resp: 539104
Ion Ratio Lower Upper
112 100
64 57.4 51.4 77.0
63 30.6 28.8 43.2

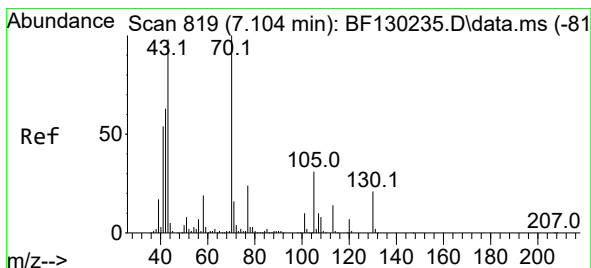
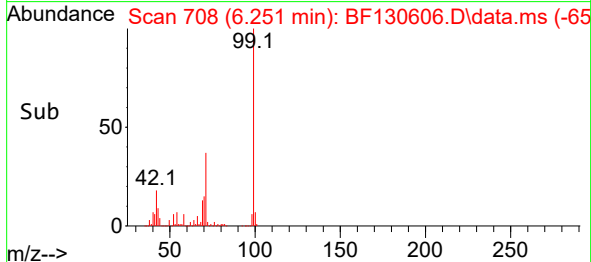
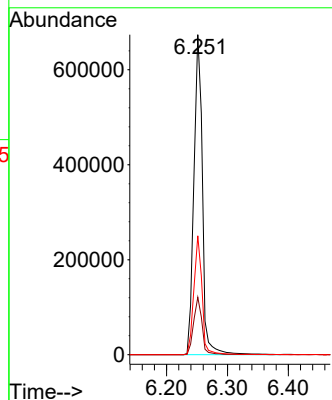
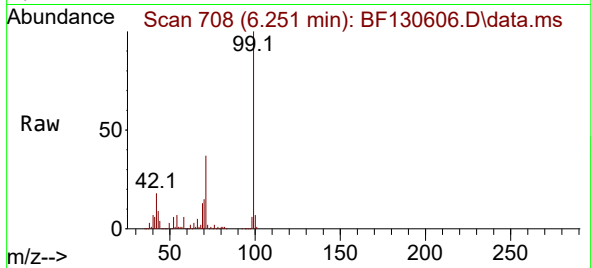




#7
Phenol-d6
Concen: 101.260 ng
RT: 6.251 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

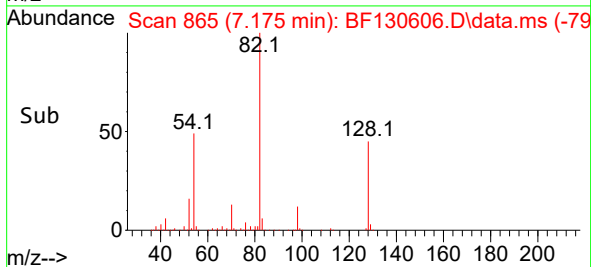
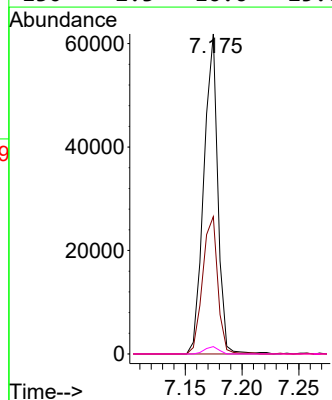
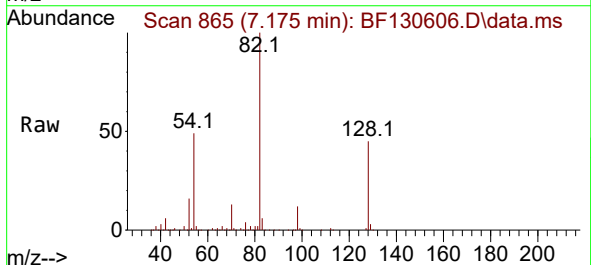
Instrument :
BNA_F
ClientSampleId :
R-9

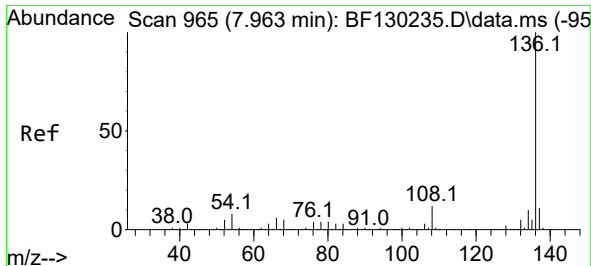
Tgt Ion: 99 Resp: 657175
Ion Ratio Lower Upper
99 100
42 18.0 17.0 25.6
71 37.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.064 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion: 70 Resp: 52832
Ion Ratio Lower Upper
70 100
42 42.9 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

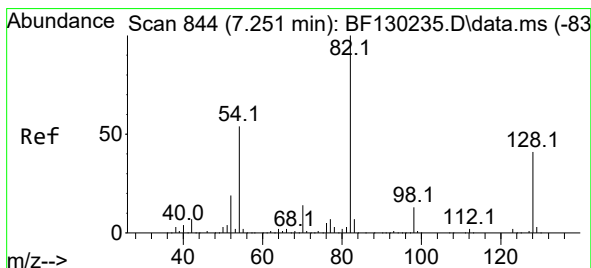
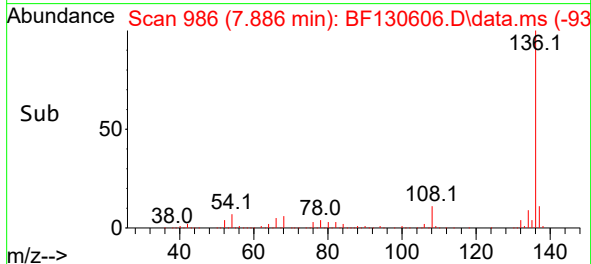
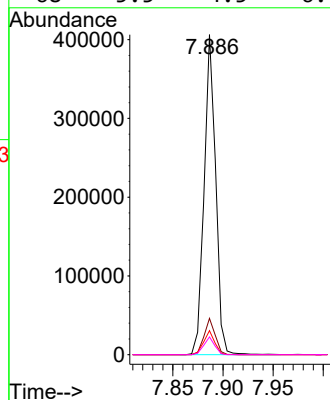
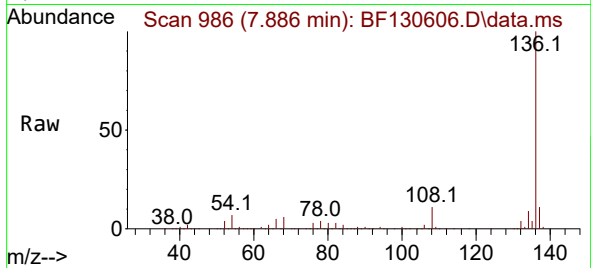




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.886 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

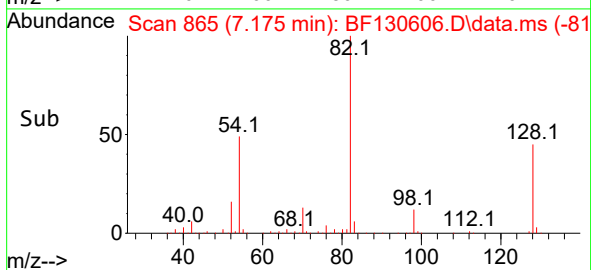
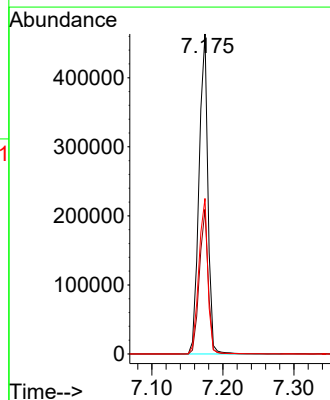
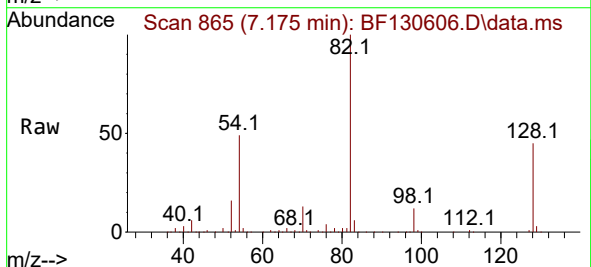
Instrument :
BNA_F
ClientSampleId :
R-9

Tgt	Ion:136	Resp:	326684
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	7.1	10.7
68	5.5	4.5	6.7



#23
Nitrobenzene-d5
Concen: 63.182 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion: 82	Resp: 404015
Ion Ratio	Lower Upper
82 100	
128 45.2	32.6 49.0
54 48.6	43.8 65.6

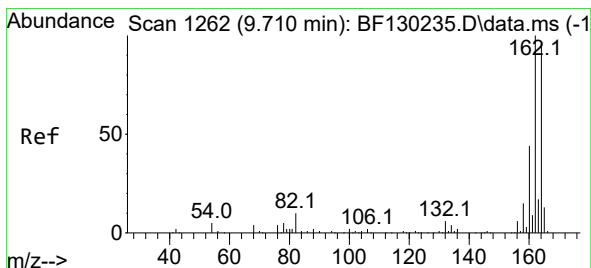
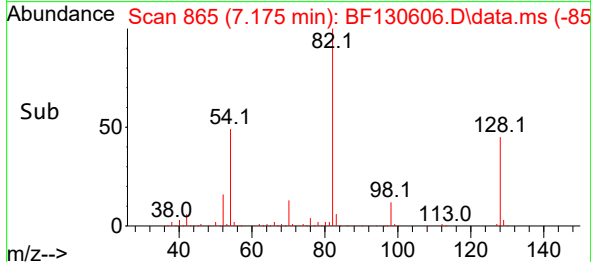
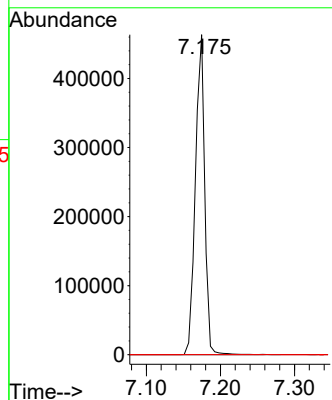
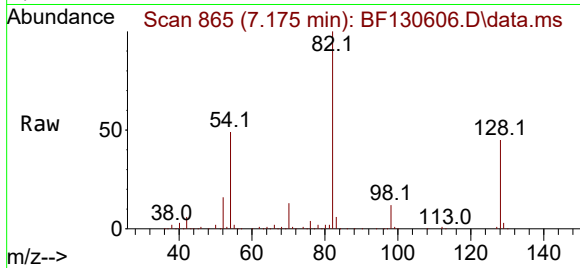




#25
Isophorone
Concen: 39.200 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

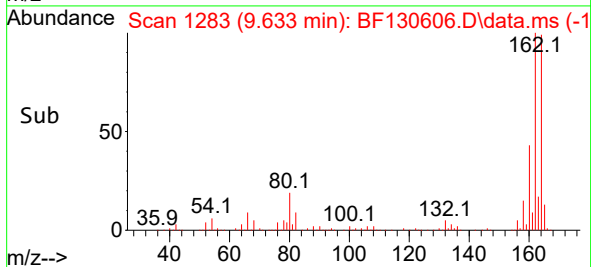
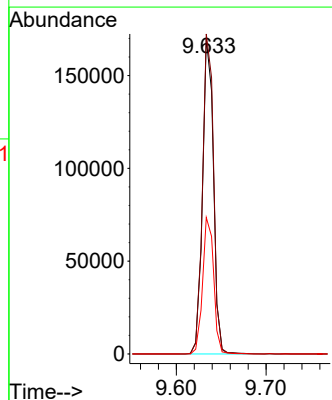
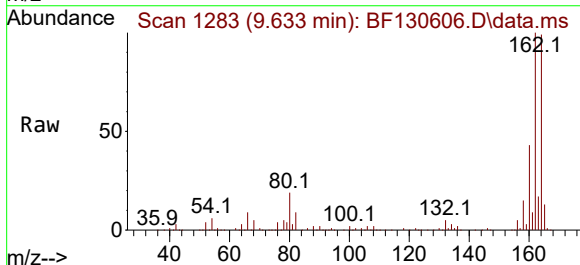
Instrument :
BNA_F
ClientSampleId :
R-9

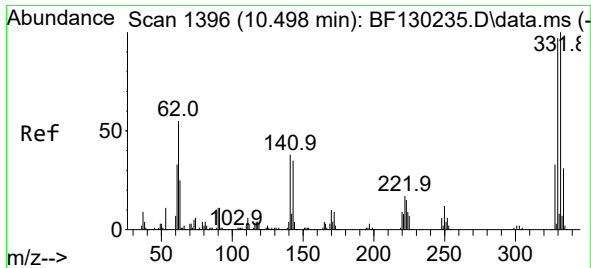
Tgt Ion: 82 Resp: 404011
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion: 164 Resp: 143066
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 43.2 36.2 54.4

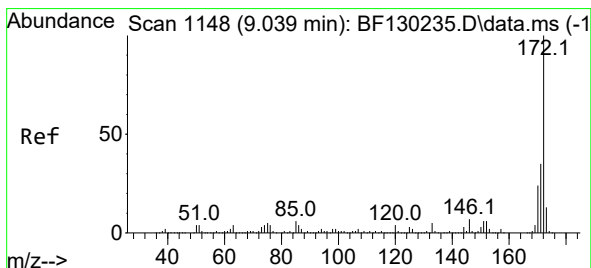
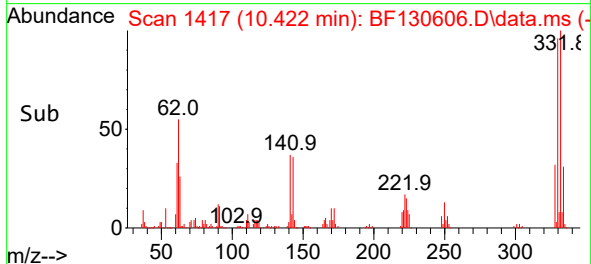
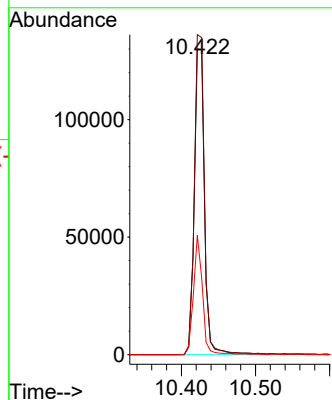
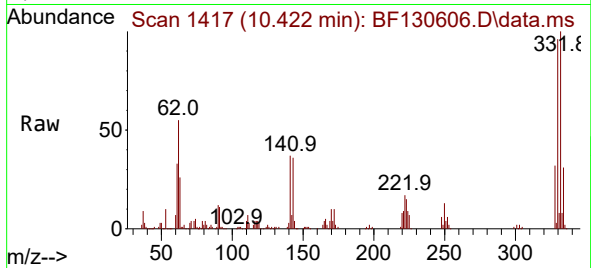




#42
2,4,6-Tribromophenol
Concen: 90.991 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

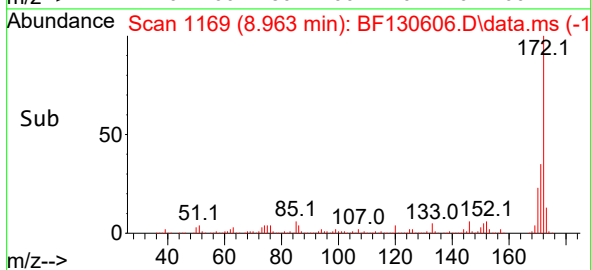
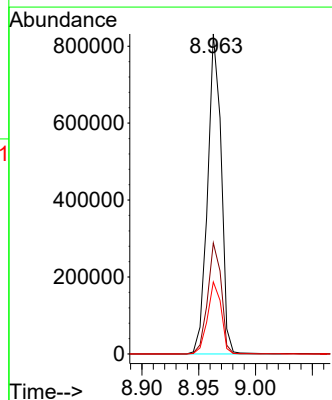
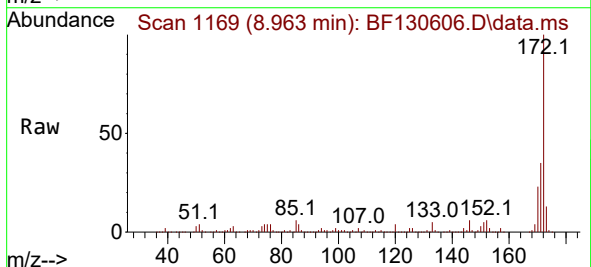
Instrument :
BNA_F
ClientSampleId :
R-9

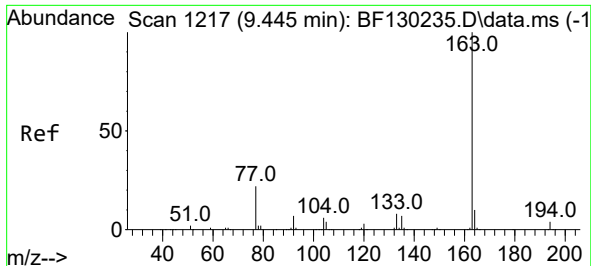
Tgt Ion:330 Resp: 124735
Ion Ratio Lower Upper
330 100
332 104.2 83.4 125.2
141 34.7 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 70.234 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion:172 Resp: 690024
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.5 18.7 28.1

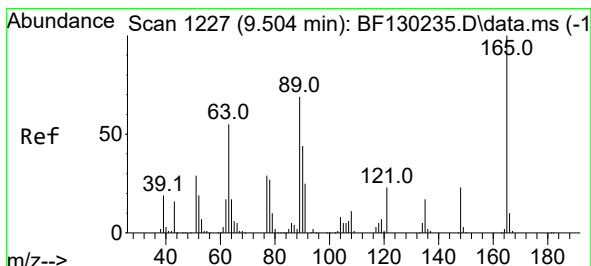
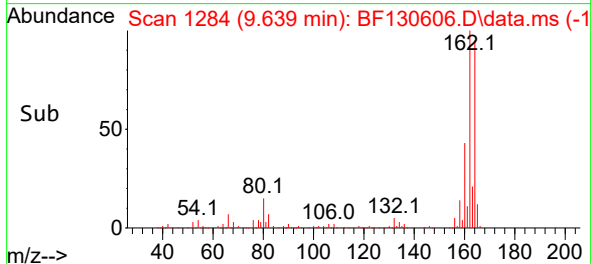
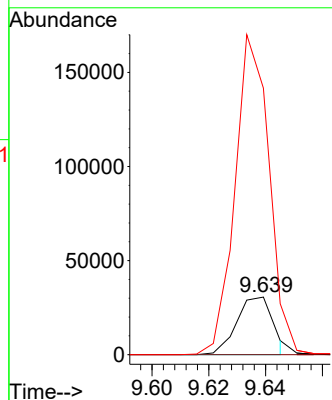
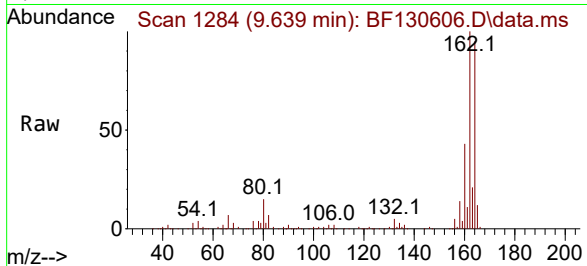




#50
Dimethylphthalate
Concen: 2.771 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.265 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

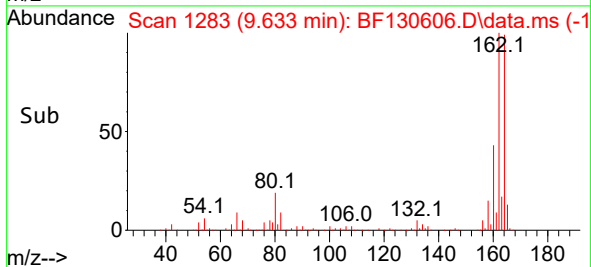
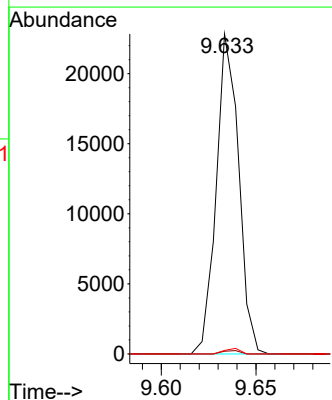
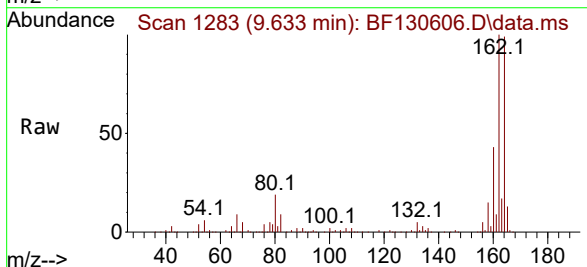
Instrument :
BNA_F
ClientSampleId :
R-9

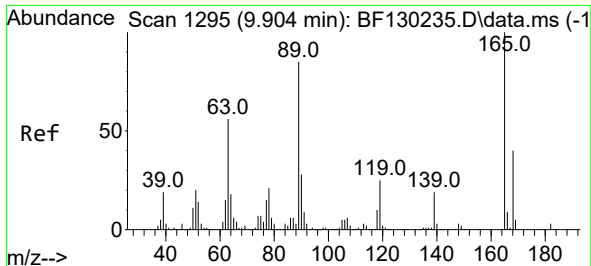
Tgt Ion:163 Resp: 27381
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 462.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.095 ng
RT: 9.633 min Scan# 1283
Delta R.T. 0.194 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion:165 Resp: 18797
Ion Ratio Lower Upper
165 100
63 0.8 58.8 88.2#
89 1.1 54.5 81.7#

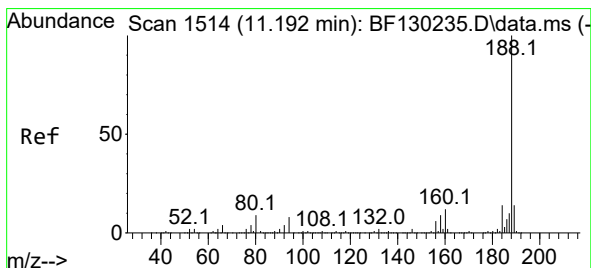
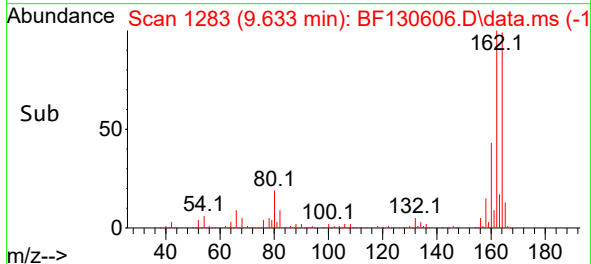
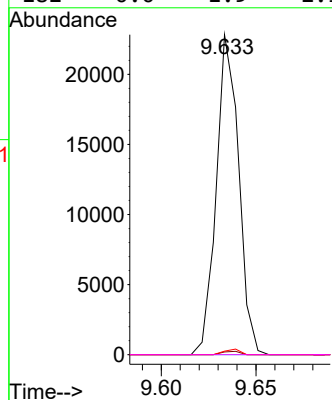
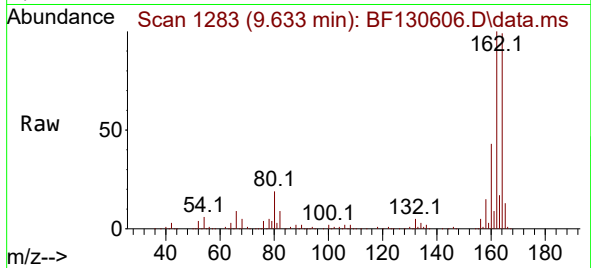




#57
2,4-Dinitrotoluene
Concen: 7.116 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

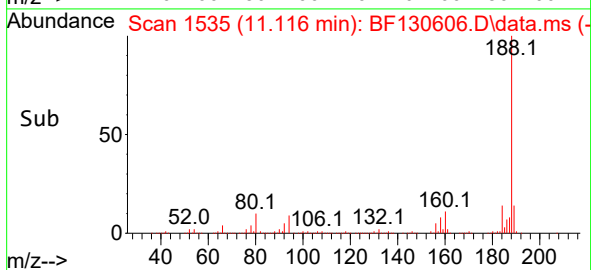
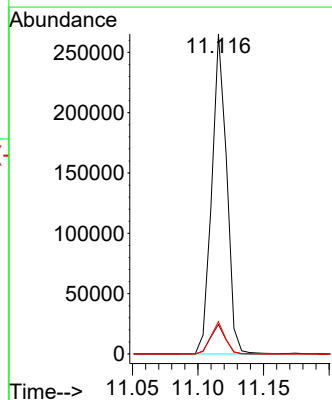
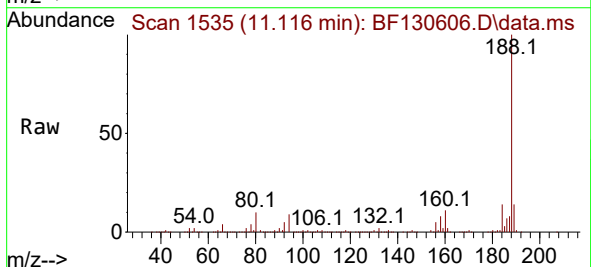
Instrument :
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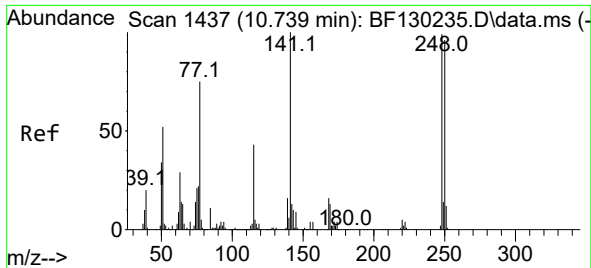
Tgt Ion:165 Resp: 18797
Ion Ratio Lower Upper
165 100
63 0.8 44.7 67.1#
89 1.1 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion:188 Resp: 209384
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.1 7.9 11.9

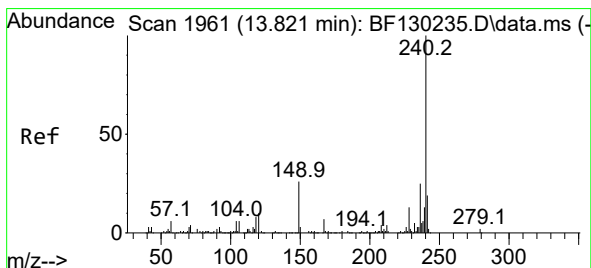
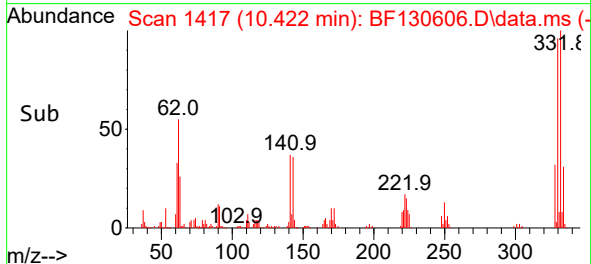
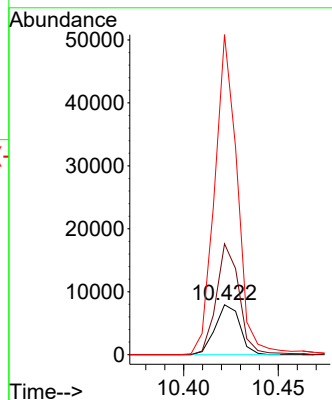
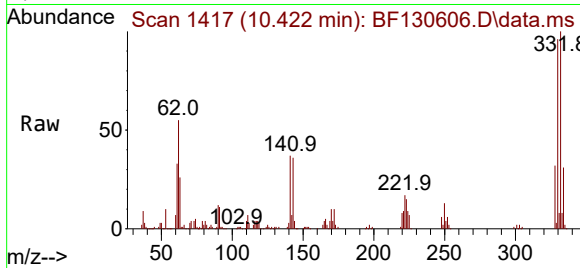




#67
4-Bromophenyl-phenylether
Concen: 3.131 ng
RT: 10.422 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

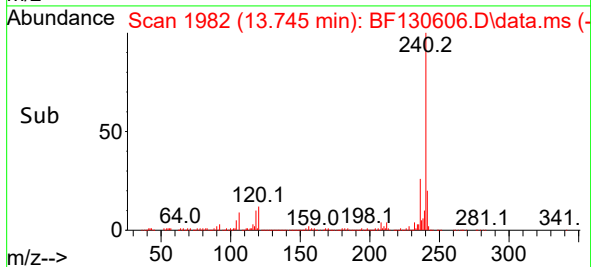
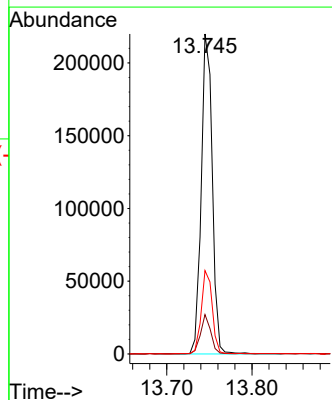
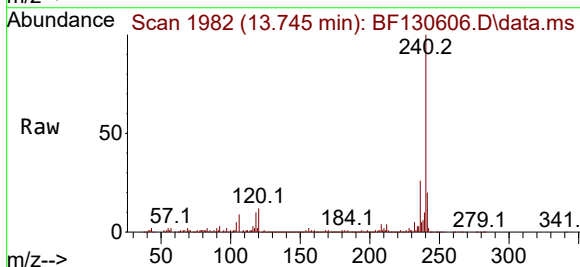
Instrument :
BNA_F
ClientSampleId :
R-9

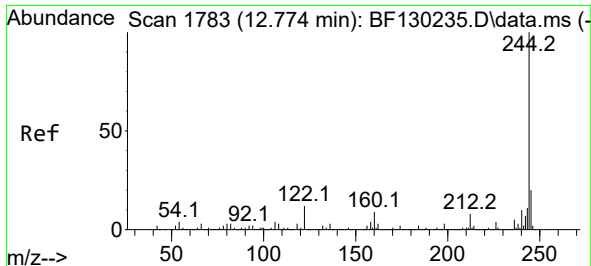
Tgt Ion:248 Resp: 7232
Ion Ratio Lower Upper
248 100
250 221.9 80.0 120.0#
141 640.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130606.D
Acq: 10 Oct 2022 16:53

Tgt Ion:240 Resp: 198265
Ion Ratio Lower Upper
240 100
120 12.3 8.7 13.1
236 26.0 20.9 31.3

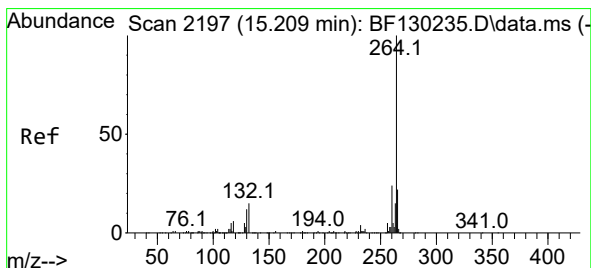
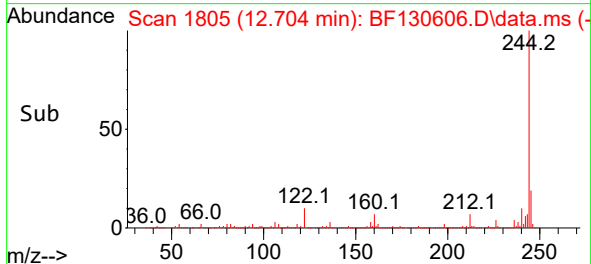
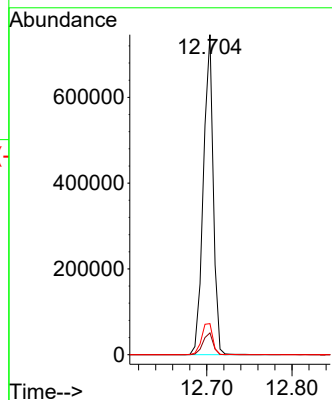
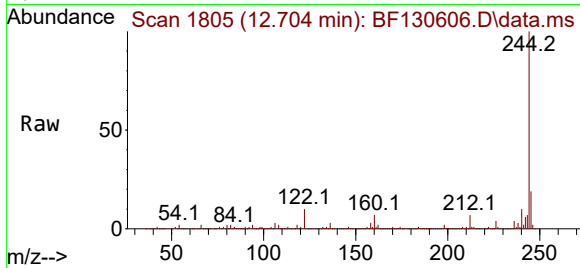




#79
 Terphenyl-d14
 Concen: 50.023 ng
 RT: 12.704 min Scan# 1805
 Delta R.T. 0.006 min
 Lab File: BF130606.D
 Acq: 10 Oct 2022 16:53

Instrument :
 BNA_F
 ClientSampleId :
 R-9

Tgt Ion:244 Resp: 598724
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 9.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. -0.000 min
 Lab File: BF130606.D
 Acq: 10 Oct 2022 16:53

Tgt Ion:264 Resp: 190549
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.0 17.0 25.4

