

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130580.D
 Acq On : 07 Oct 2022 17:59
 Operator : CG\JU
 Sample : N5046-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-7

Quant Time: Oct 10 01:44:22 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)

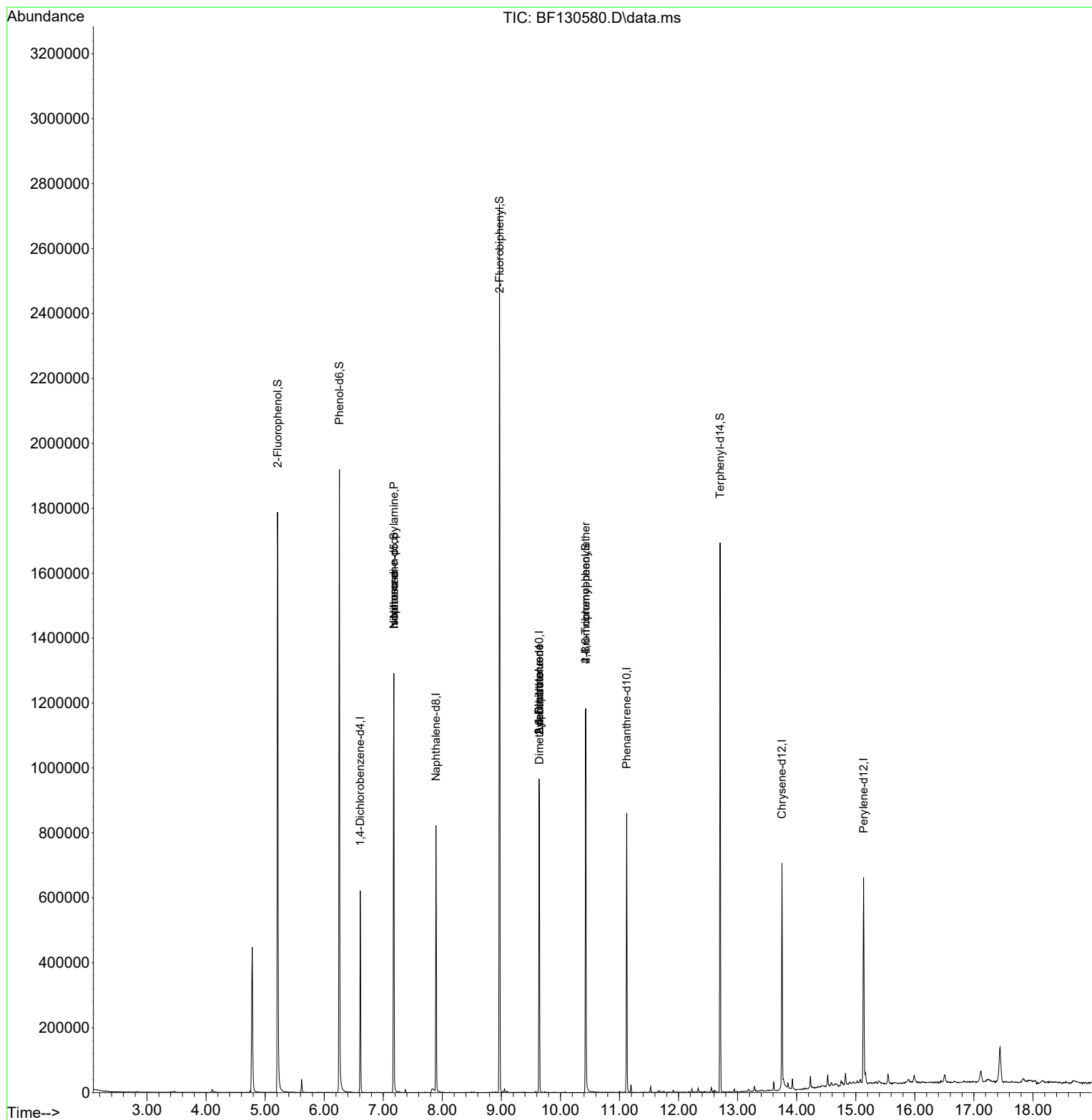
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	81766	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	319549	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	194851	20.000	ng	-0.01
64) Phenanthrene-d10	11.122	188	273751	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	203184	20.000	ng	-0.01
86) Perylene-d12	15.133	264	236116	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	536050	113.710	ng	0.00
7) Phenol-d6	6.257	99	601633	101.997	ng	-0.01
23) Nitrobenzene-d5	7.181	82	385184	61.582	ng	-0.01
42) 2,4,6-Tribromophenol	10.427	330	128927	69.054	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	753646	56.323	ng	-0.01
79) Terphenyl-d14	12.704	244	516300	42.092	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.181	70	50485	12.684	ng	# 71
25) Isophorone	7.181	82	385180	38.207	ng	# 66
50) Dimethylphthalate	9.645	163	34662	2.575	ng	# 1
51) 2,6-Dinitrotoluene	9.639	165	24972	8.871	ng	# 16
57) 2,4-Dinitrotoluene	9.639	165	24972	6.942	ng	# 16
67) 4-Bromophenyl-phenylether	10.427	248	8419	2.788	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130580.D
Acq On : 07 Oct 2022 17:59
Operator : CG\JU
Sample : N5046-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-7

Quant Time: Oct 10 01:44:22 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

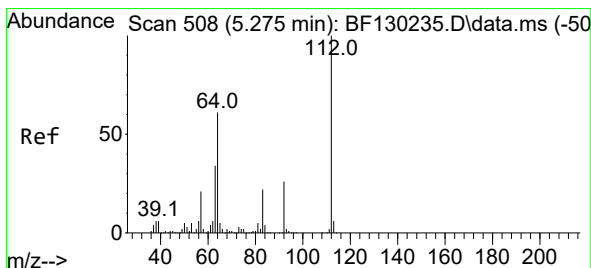
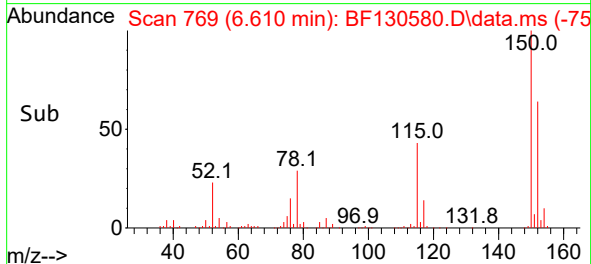
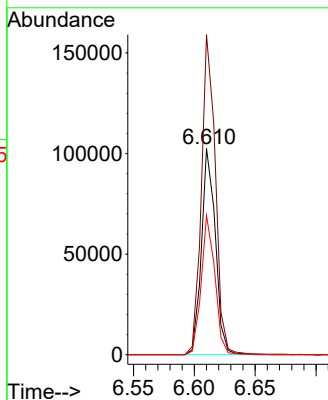
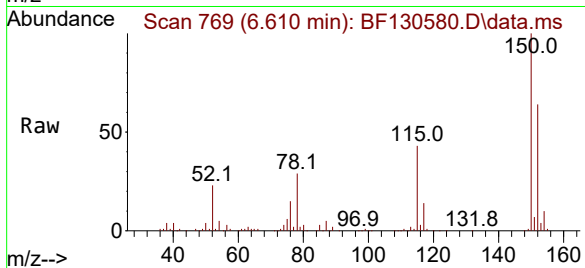




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.610 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

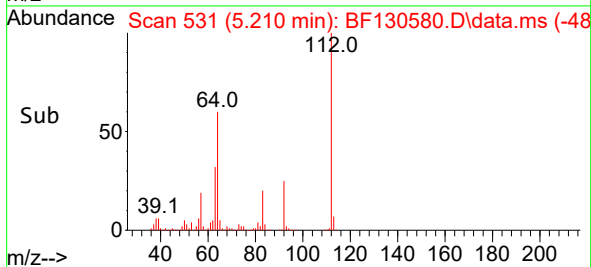
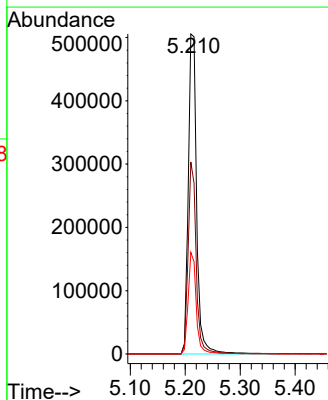
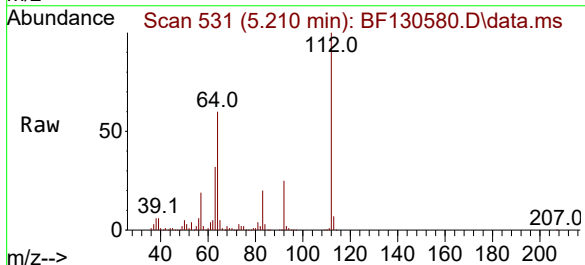
Instrument :
BNA_F
ClientSampleId :
R-7

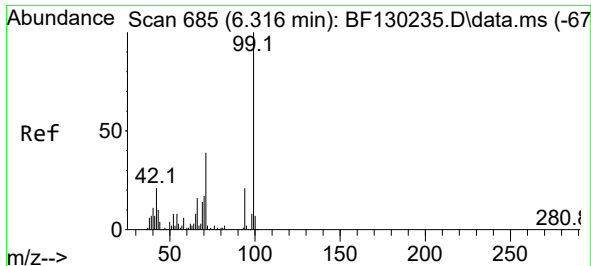
Tgt Ion:152 Resp: 81766
Ion Ratio Lower Upper
152 100
150 155.2 122.8 184.2
115 67.5 53.8 80.8



#5
2-Fluorophenol
Concen: 113.710 ng
RT: 5.210 min Scan# 531
Delta R.T. -0.006 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion:112 Resp: 536050
Ion Ratio Lower Upper
112 100
64 60.0 51.4 77.0
63 31.8 28.8 43.2





#7
Phenol-d6
Concen: 101.997 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

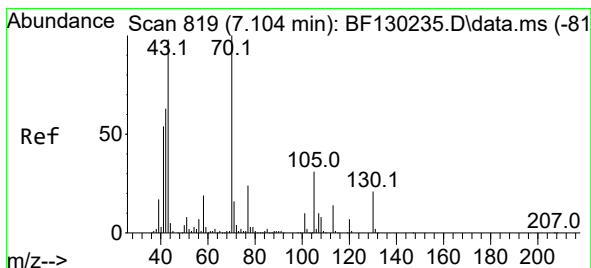
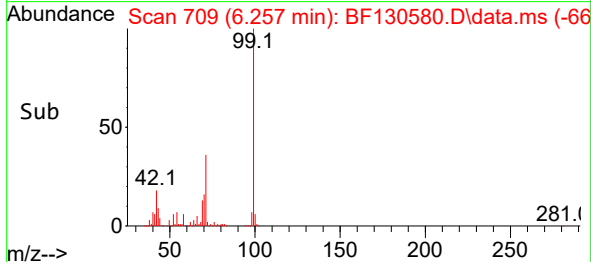
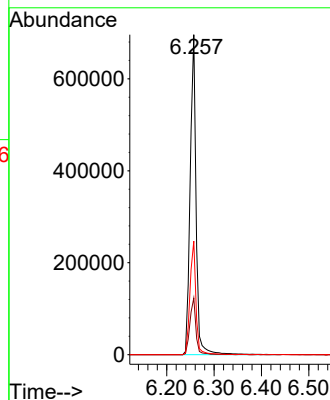
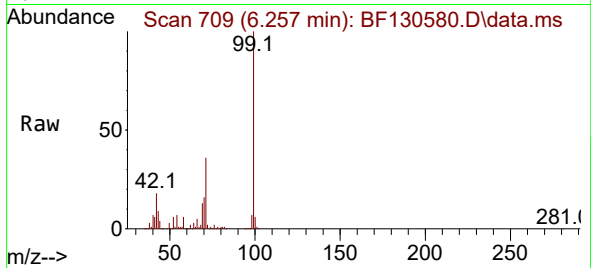
Instrument :

BNA_F

ClientSampleId :

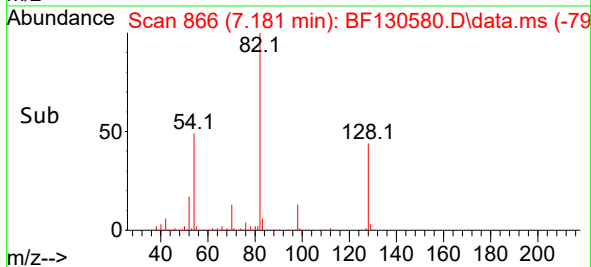
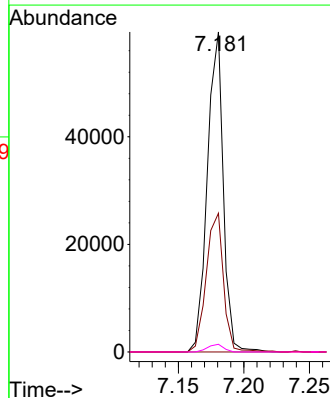
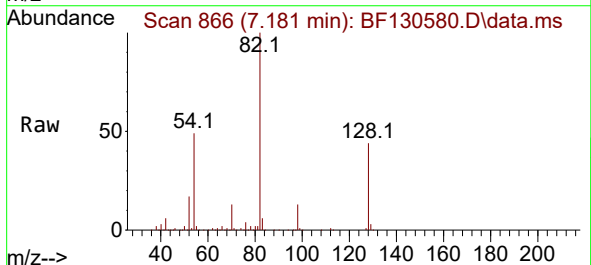
R-7

Tgt Ion: 99 Resp: 601633
Ion Ratio Lower Upper
99 100
42 17.7 17.0 25.6
71 35.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.684 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion: 70 Resp: 50485
Ion Ratio Lower Upper
70 100
42 43.4 50.8 76.2#
101 0.0 8.2 12.4#
130 2.4 16.6 25.0#

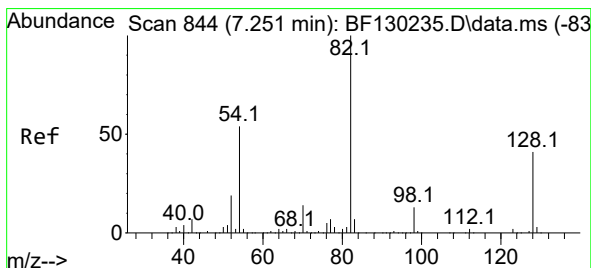
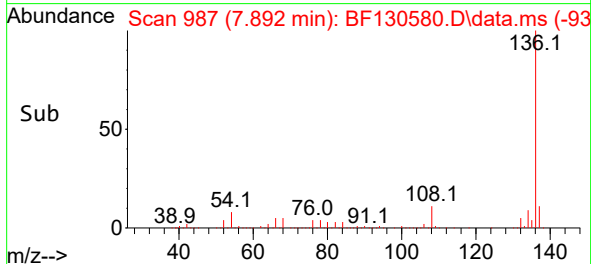
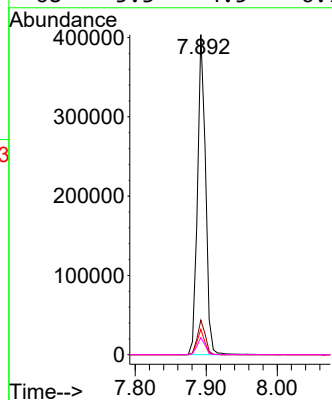
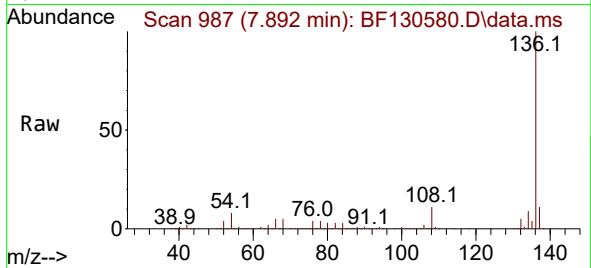




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

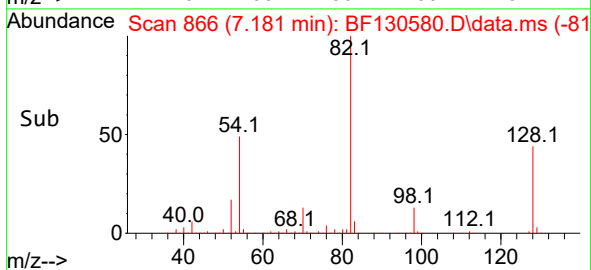
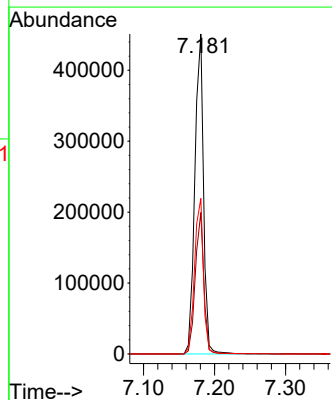
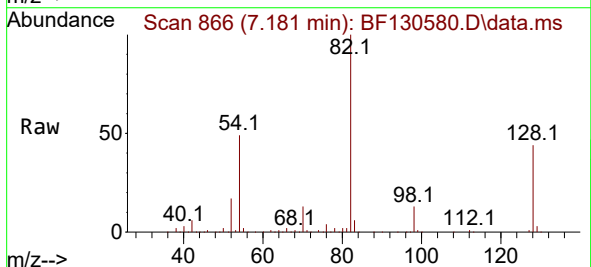
Instrument :
BNA_F
ClientSampleId :
R-7

Tgt Ion	136	Resp:	319549
	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.9	7.1	10.7
68	5.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 61.582 ng
RT: 7.181 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion: 82	Resp: 385184
Ion Ratio	Lower Upper
82 100	
128 44.2	32.6 49.0
54 48.6	43.8 65.6

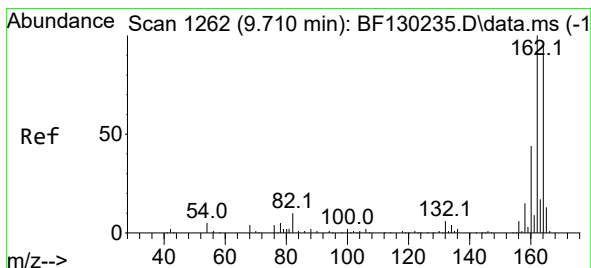
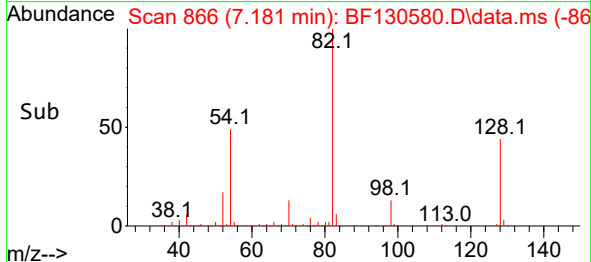
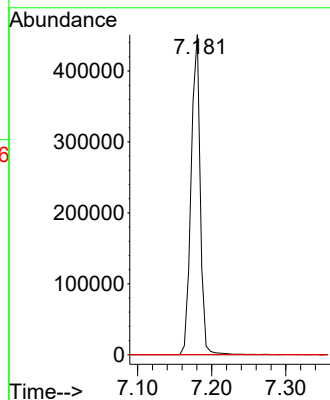
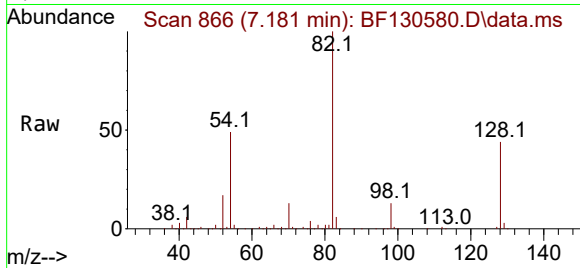




#25
Isophorone
Concen: 38.207 ng
RT: 7.181 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

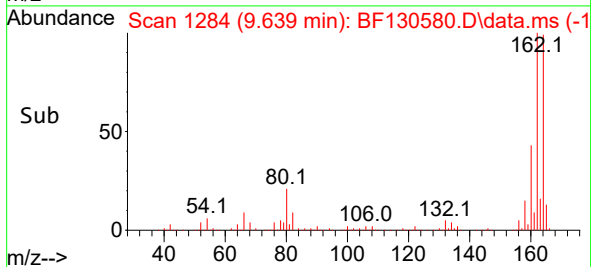
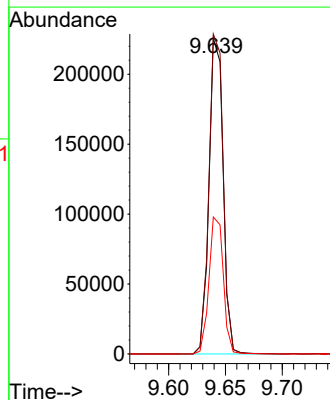
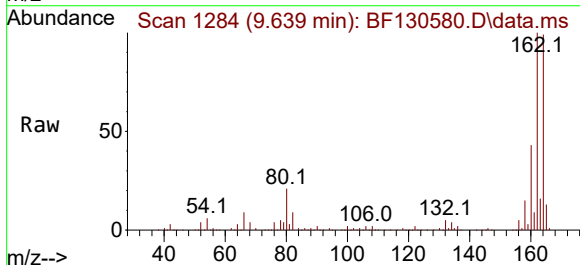
Instrument :
BNA_F
ClientSampleId :
R-7

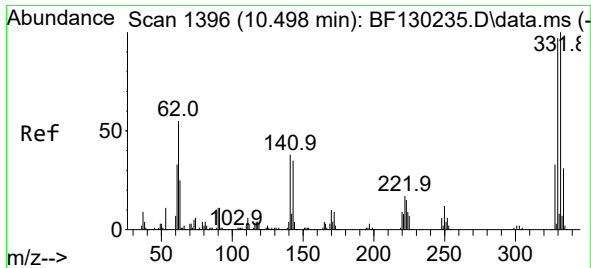
Tgt Ion: 82 Resp: 385180
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion: 164 Resp: 194851
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 43.3 36.2 54.4

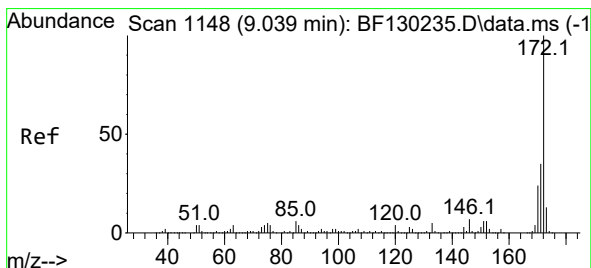
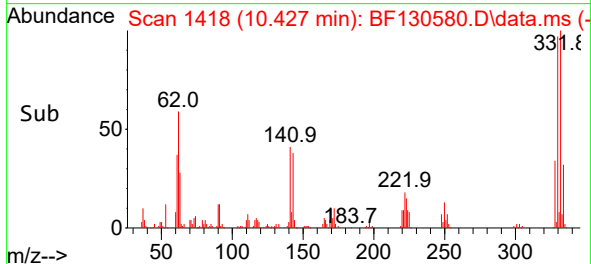
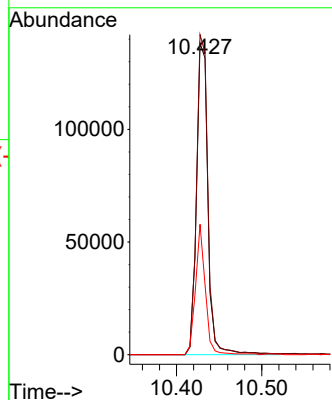
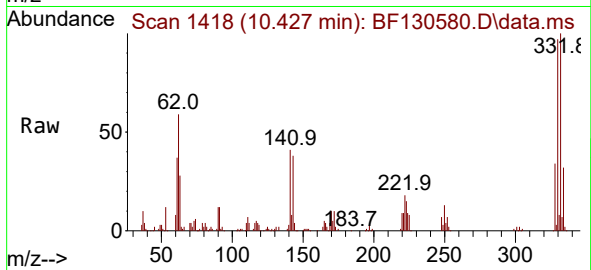




#42
2,4,6-Tribromophenol
Concen: 69.054 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

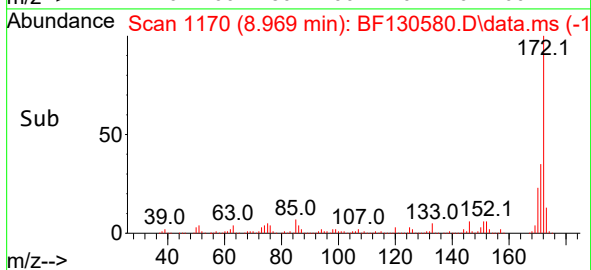
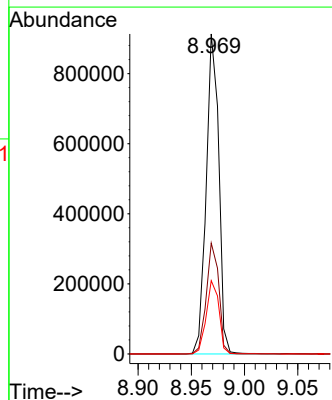
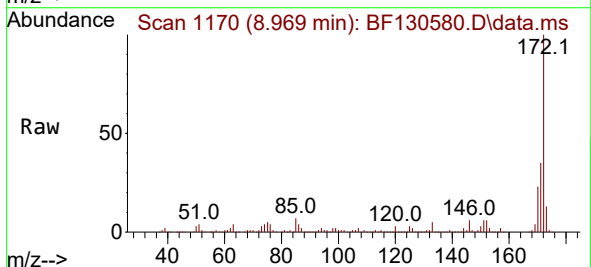
Instrument :
BNA_F
ClientSampleId :
R-7

Tgt Ion:330 Resp: 128927
Ion Ratio Lower Upper
330 100
332 103.2 83.4 125.2
141 35.9 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 56.323 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion:172 Resp: 753646
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 18.7 28.1

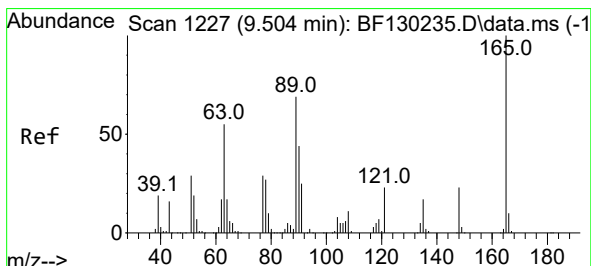
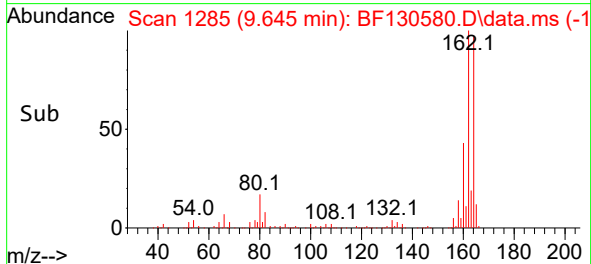
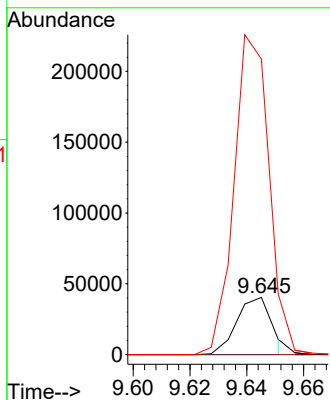
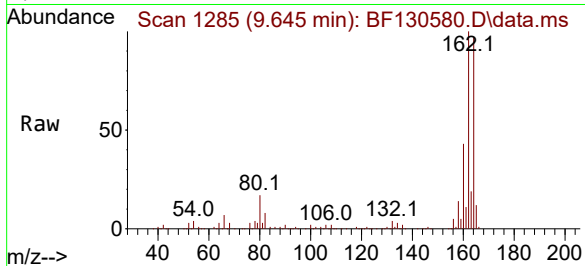




#50
Dimethylphthalate
Concen: 2.575 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.259 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

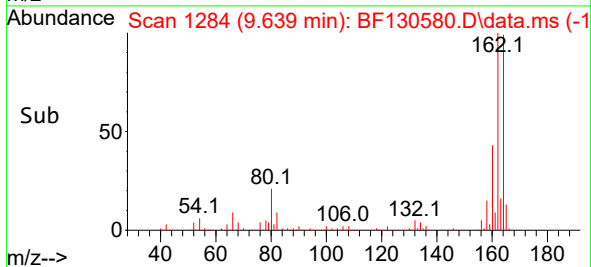
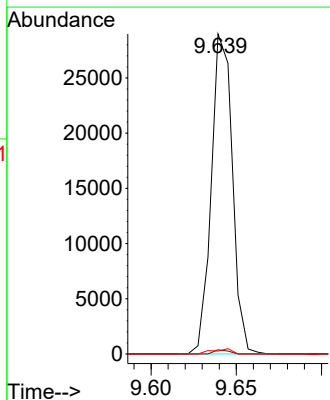
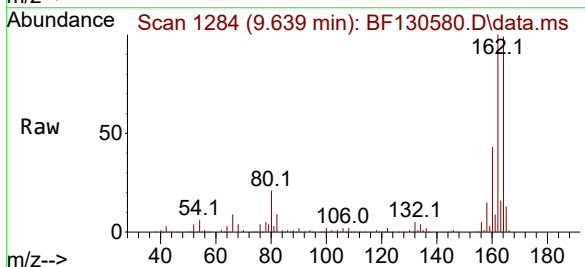
Instrument :
BNA_F
ClientSampleId :
R-7

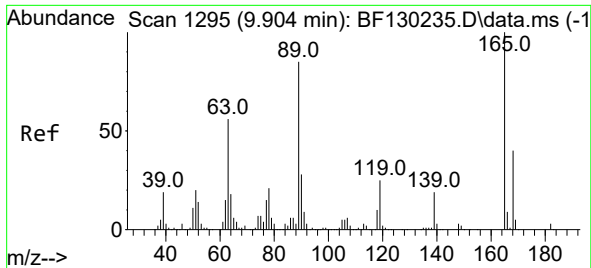
Tgt Ion:163 Resp: 34662
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 516.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.871 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.188 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion:165 Resp: 24972
Ion Ratio Lower Upper
165 100
63 1.3 58.8 88.2#
89 0.9 54.5 81.7#

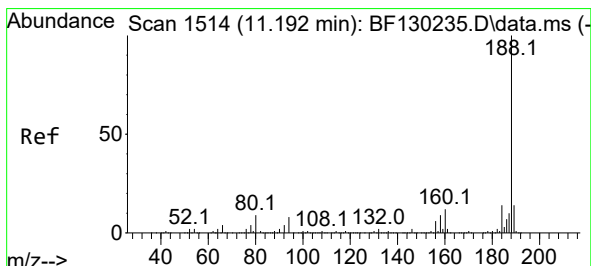
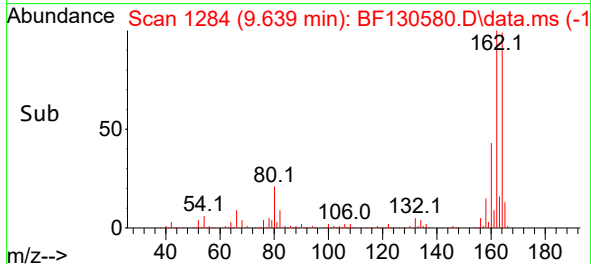
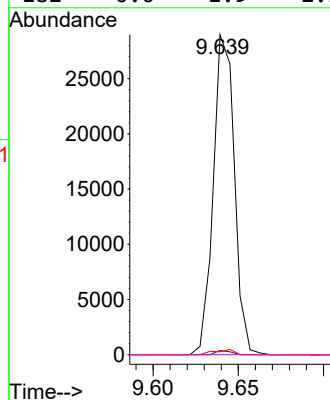
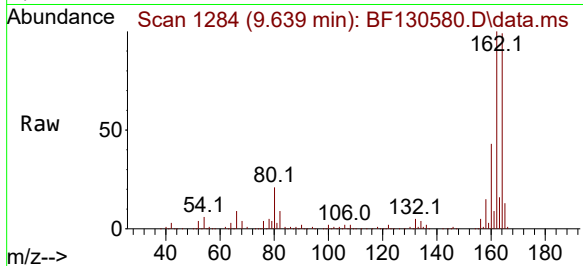




#57
2,4-Dinitrotoluene
Concen: 6.942 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

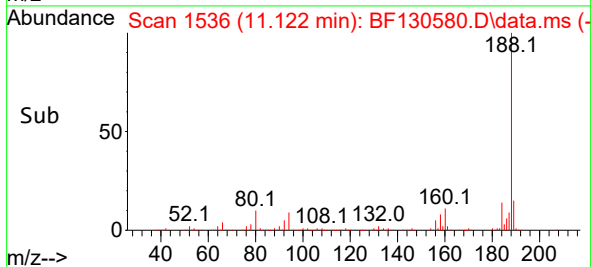
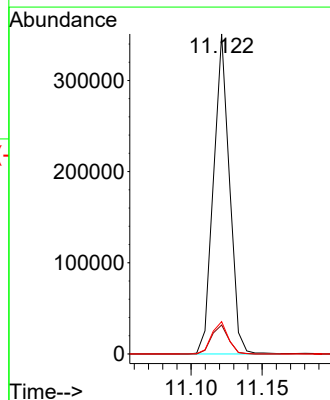
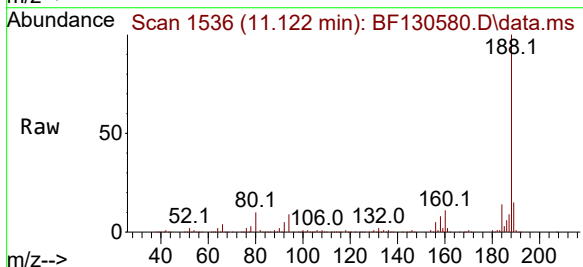
Instrument :
BNA_F
ClientSampleId :
R-7

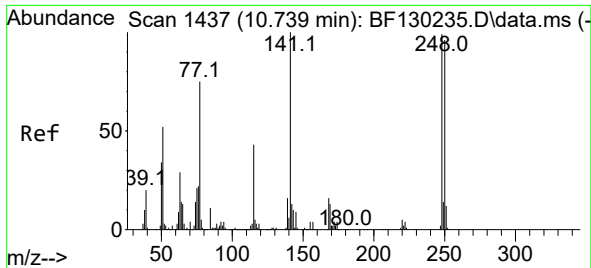
Tgt Ion:165	Resp:	24972
Ion Ratio	Lower	Upper
165	100	
63	1.3	44.7 67.1#
89	0.9	69.0 103.4#
182	0.0	1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.122 min Scan# 1536
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

Tgt Ion:188	Resp:	273751
Ion Ratio	Lower	Upper
188	100	
94	9.0	7.4 11.2
80	10.1	7.9 11.9

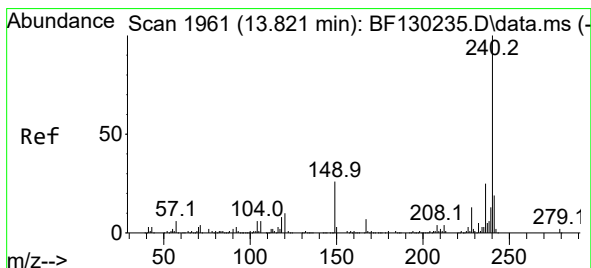
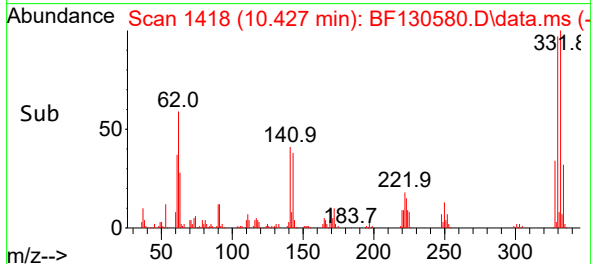
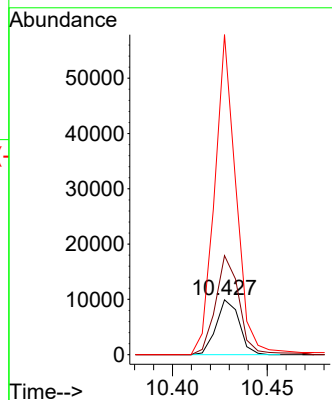
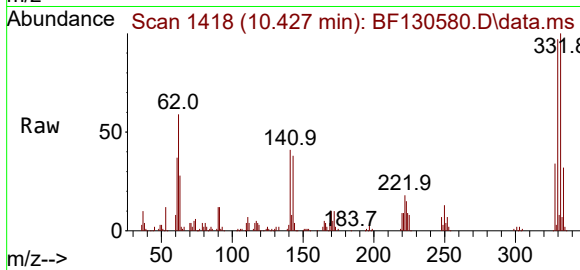




#67
4-Bromophenyl-phenylether
Concen: 2.788 ng
RT: 10.427 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

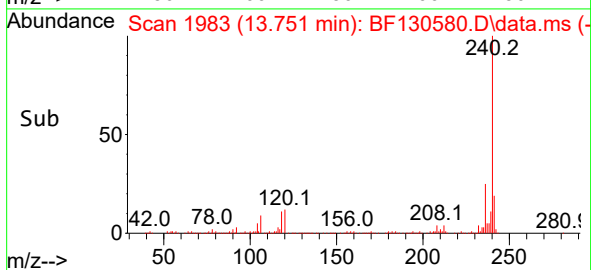
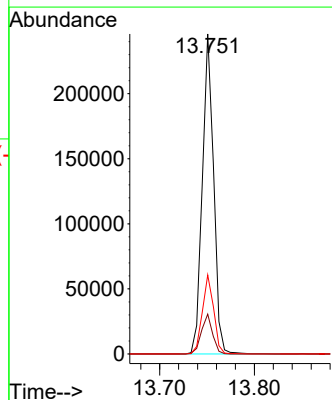
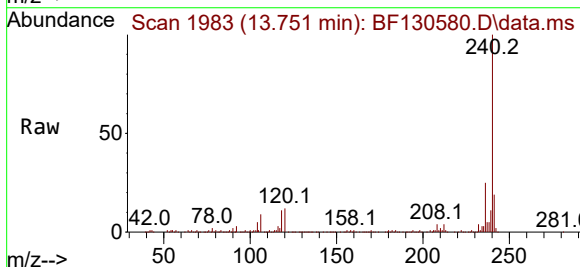
Instrument :
BNA_F
ClientSampleId :
R-7

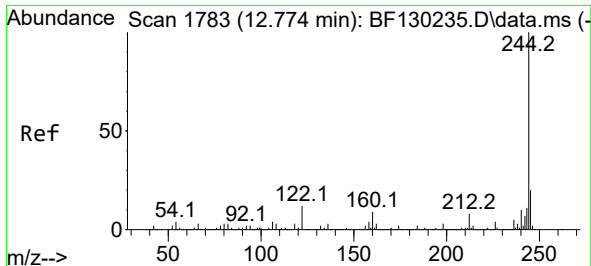
Tgt Ion:248 Resp: 8419
Ion Ratio Lower Upper
248 100
250 180.3 80.0 120.0#
141 582.5 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.751 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BF130580.D
Acq: 07 Oct 2022 17:59

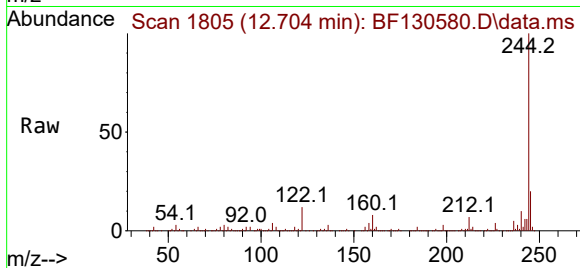
Tgt Ion:240 Resp: 203184
Ion Ratio Lower Upper
240 100
120 12.5 8.7 13.1
236 24.7 20.9 31.3



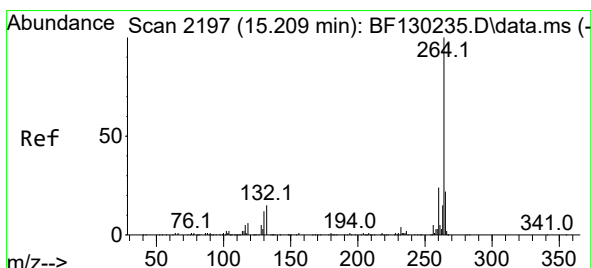
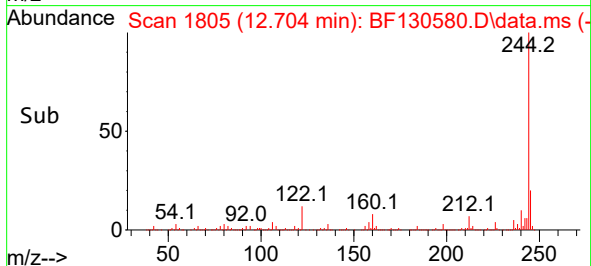
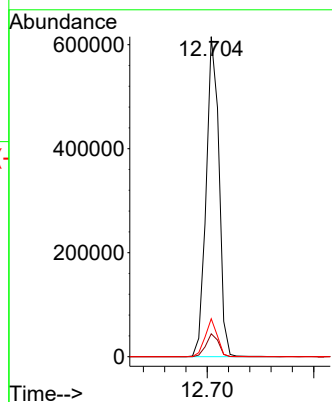


#79
 Terphenyl-d14
 Concen: 42.092 ng
 RT: 12.704 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130580.D
 Acq: 07 Oct 2022 17:59

Instrument :
 BNA_F
 ClientSampleId :
 R-7



Tgt Ion:244 Resp: 516300
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.9 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF130580.D
 Acq: 07 Oct 2022 17:59

Tgt Ion:264 Resp: 236116
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 20.8 17.0 25.4

