

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130261.D
 Acq On : 15 Sep 2022 02:36
 Operator : CG\JU
 Sample : N4551-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Quant Time: Sep 15 03:03:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

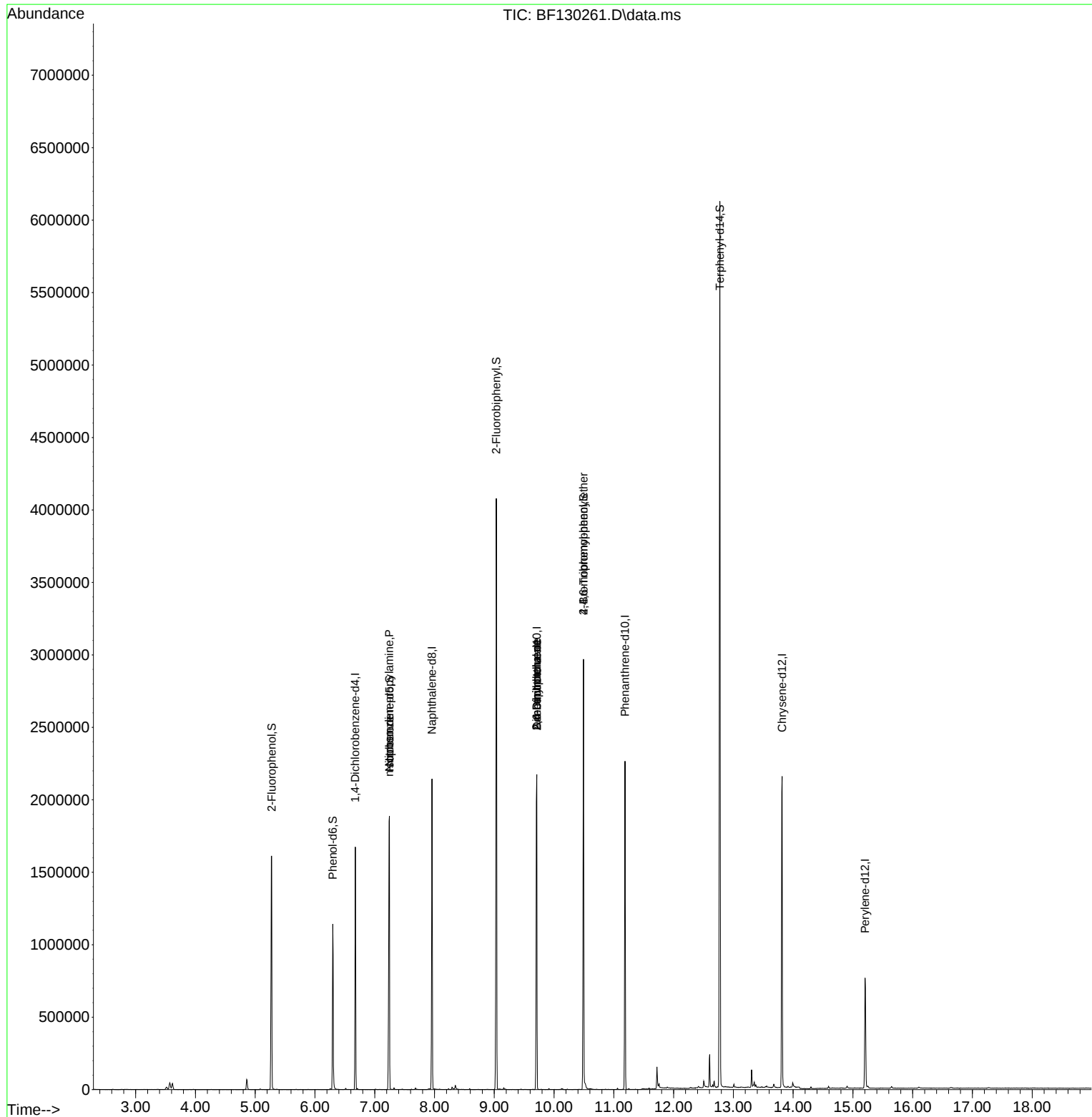
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	214932	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	839507	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	437759	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	716723	20.000	ng	0.00
76) Chrysene-d12	13.816	240	719342	20.000	ng	0.00
86) Perylene-d12	15.204	264	314209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	446520	36.033	ng	0.00
7) Phenol-d6	6.298	99	367269	23.687	ng	-0.02
23) Nitrobenzene-d5	7.245	82	677877	41.252	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	308224	73.482	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1221914	40.647	ng	0.00
79) Terphenyl-d14	12.775	244	1978289	45.556	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.240	70	93580	8.944	ng	# 76
25) Isophorone	7.245	82	676684	25.550	ng	# 66
50) Dimethylphthalate	9.710	163	83531	2.762	ng	# 1
51) 2,6-Dinitrotoluene	9.710	165	58014	9.174	ng	# 16
57) 2,4-Dinitrotoluene	9.710	165	58014	7.178	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	19197	2.428	ng	# 1

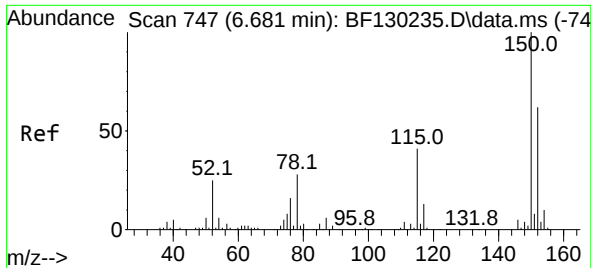
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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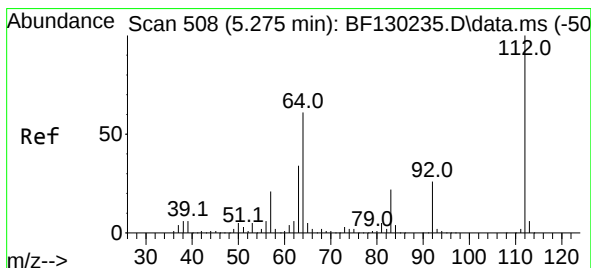
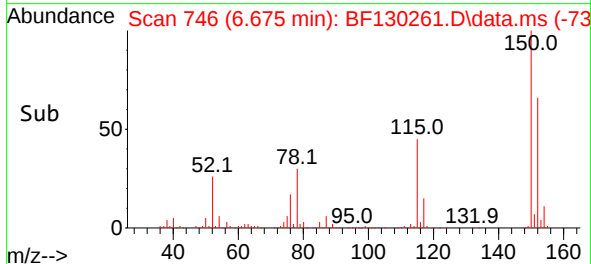
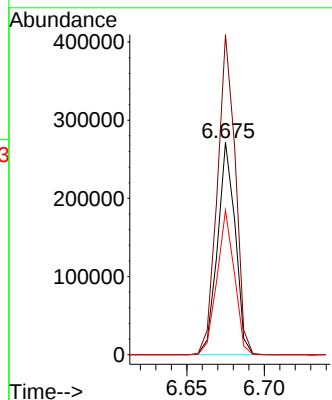
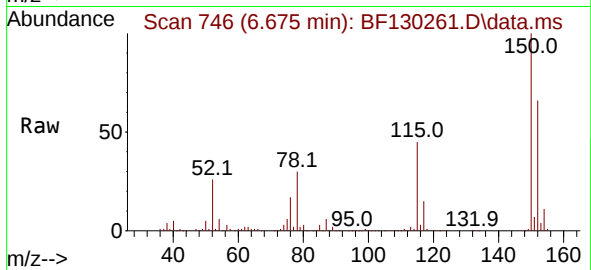




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

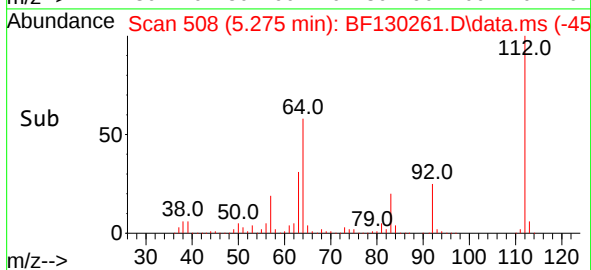
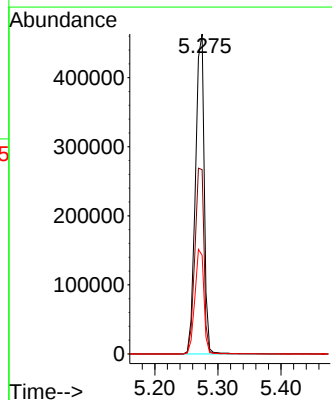
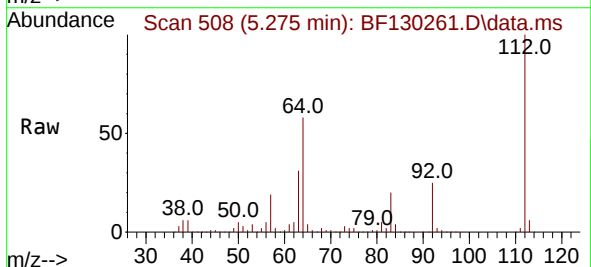
Instrument :
 BNA_F
 ClientSampleId :
 251032-1

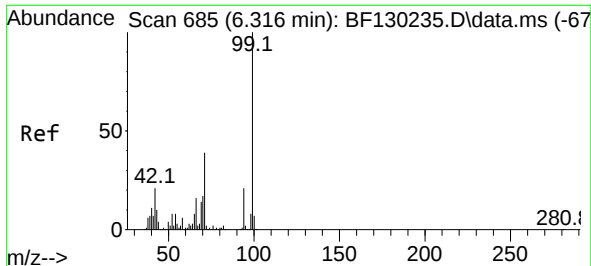
Tgt Ion:152 Resp: 214932
 Ion Ratio Lower Upper
 152 100
 150 150.8 122.8 184.2
 115 68.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 36.033 ng
 RT: 5.275 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

Tgt Ion:112 Resp: 446520
 Ion Ratio Lower Upper
 112 100
 64 57.6 51.4 77.0
 63 30.8 28.8 43.2

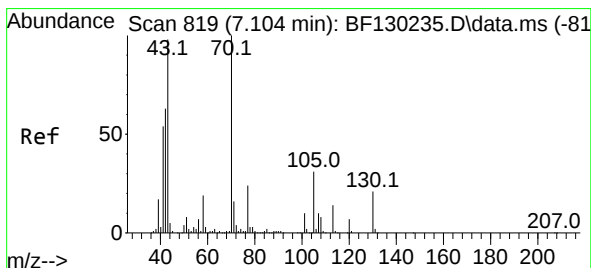
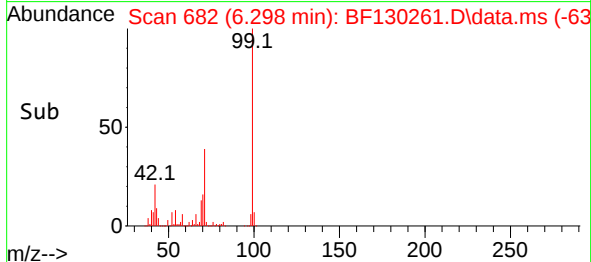
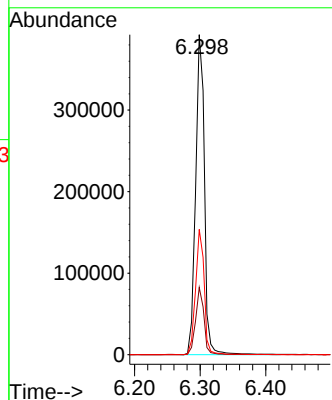
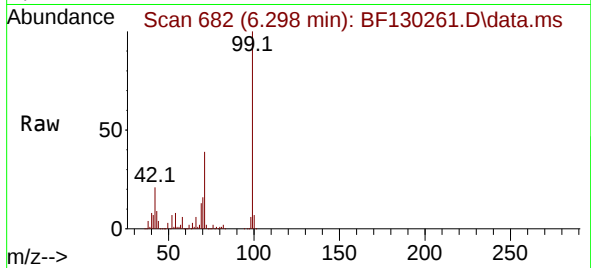




#7
Phenol-d6
Concen: 23.687 ng
RT: 6.298 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

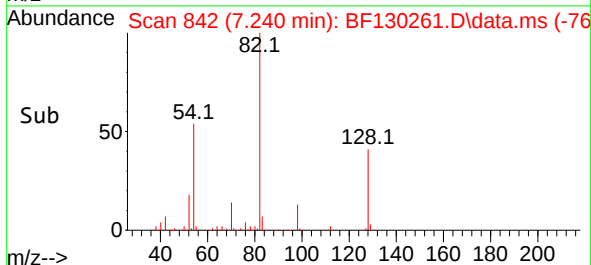
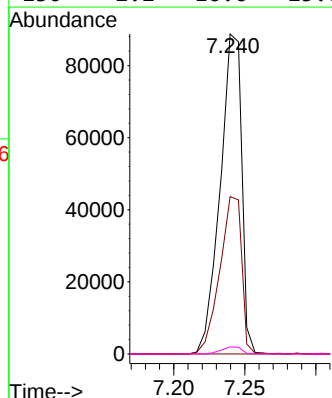
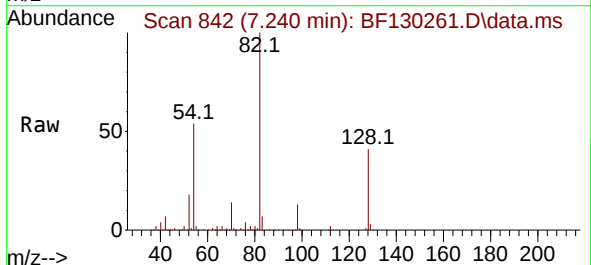
Instrument :
BNA_F
ClientSampleId :
251032-1

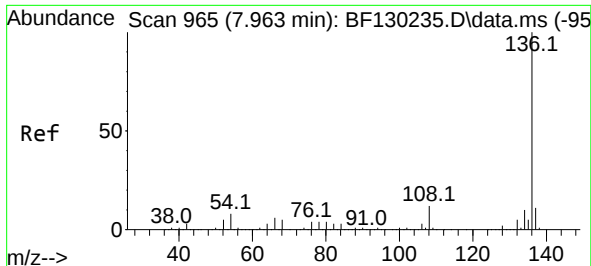
Tgt Ion: 99 Resp: 367269
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 39.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.944 ng
RT: 7.240 min Scan# 842
Delta R.T. 0.136 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Tgt Ion: 70 Resp: 93580
Ion Ratio Lower Upper
70 100
42 49.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#



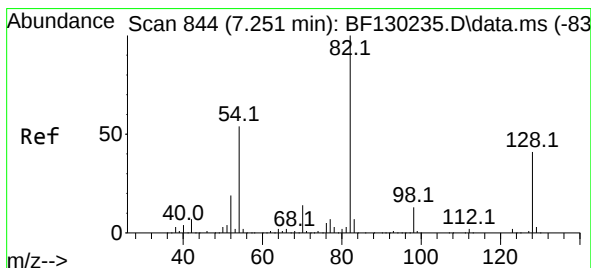
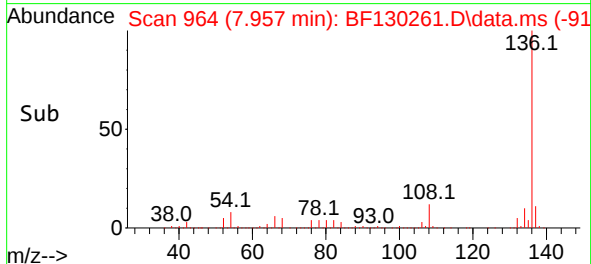
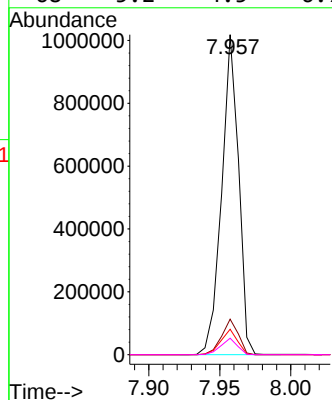
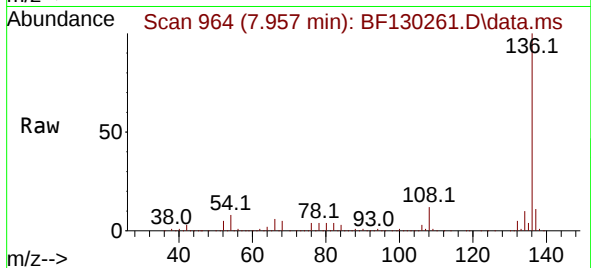


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Instrument :
BNA_F
ClientSampleId :
251032-1

Tgt Ion:136 Resp: 839507

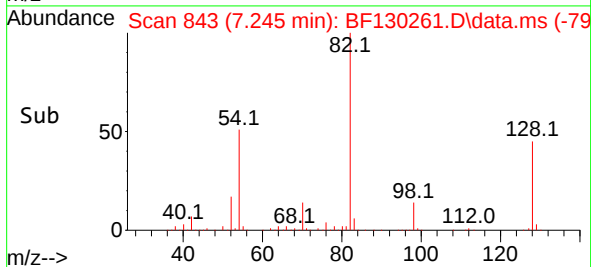
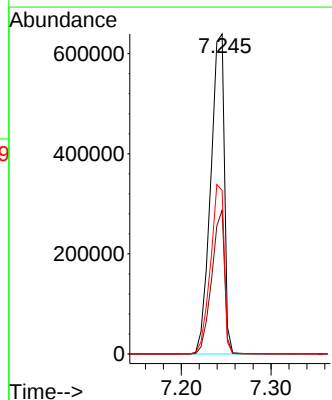
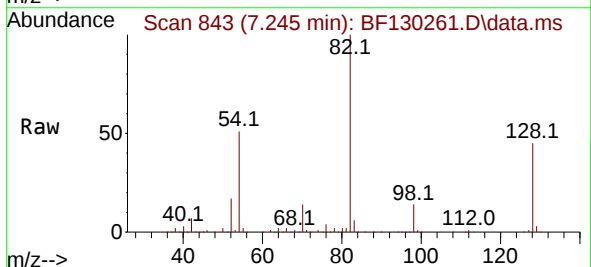
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.0	7.1	10.7
68	5.2	4.5	6.7

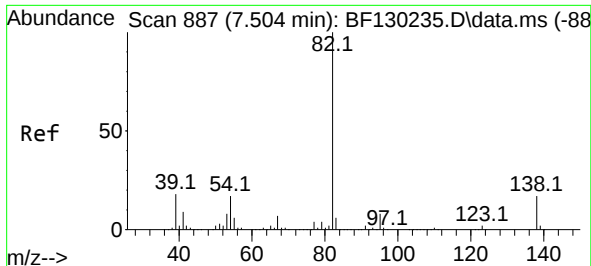


#23
Nitrobenzene-d5
Concen: 41.252 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Tgt Ion: 82 Resp: 677877

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.6	49.0
54	51.1	43.8	65.6

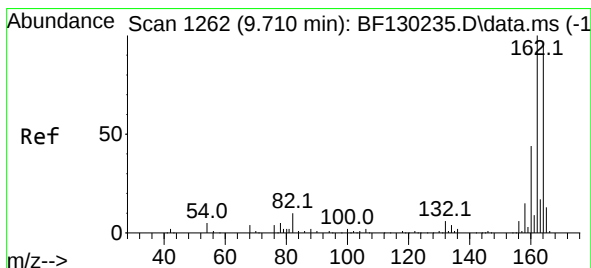
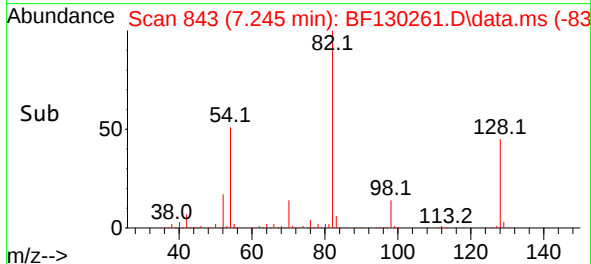
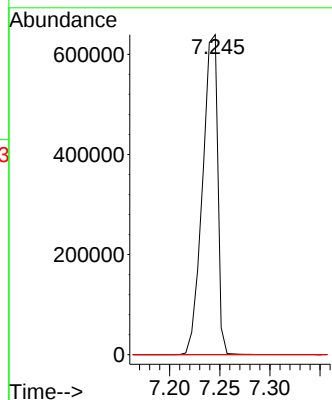
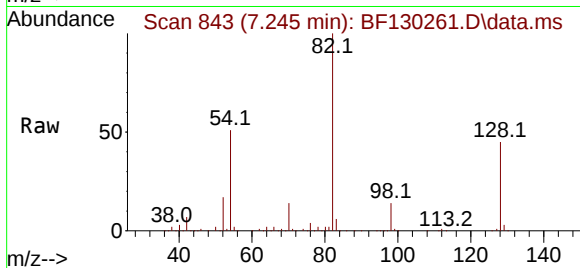




#25
Isophorone
Concen: 25.550 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

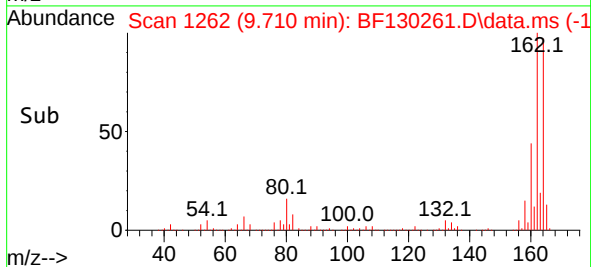
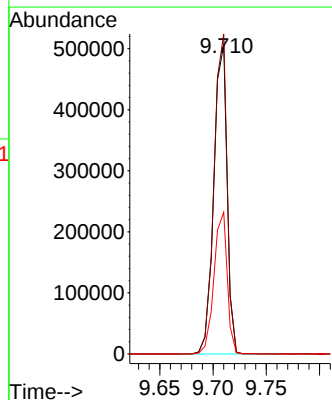
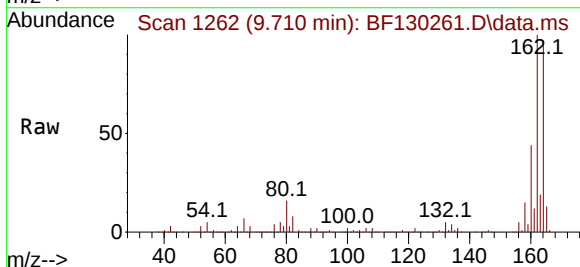
Instrument :
BNA_F
ClientSampleId :
251032-1

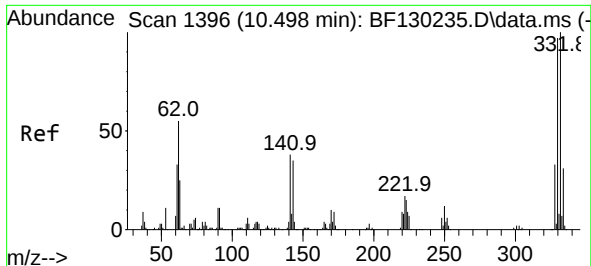
Tgt Ion: 82 Resp: 676684
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1262
Delta R.T. 0.000 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Tgt Ion:164 Resp: 437759
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 45.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 73.482 ng

RT: 10.492 min Scan# 11395

Delta R.T. -0.006 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

Instrument :

BNA_F

ClientSampleId :

251032-1

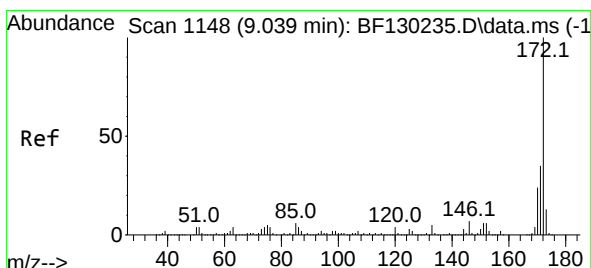
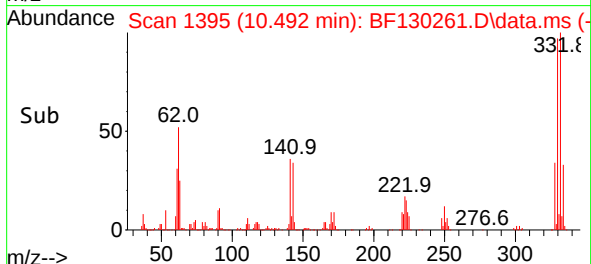
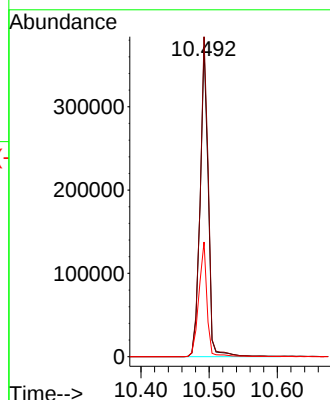
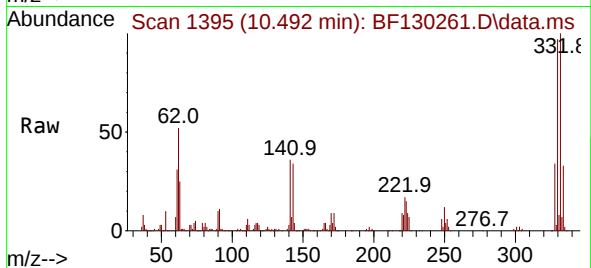
Tgt Ion:330 Resp: 308224

Ion Ratio Lower Upper

330 100

332 103.5 83.4 125.2

141 37.1 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 40.647 ng

RT: 9.034 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

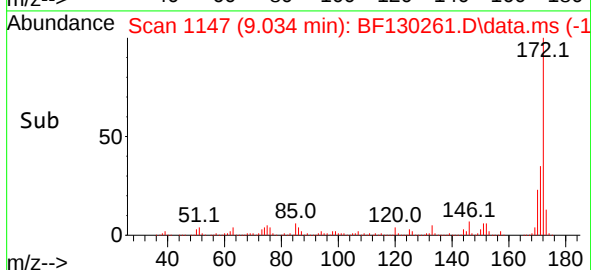
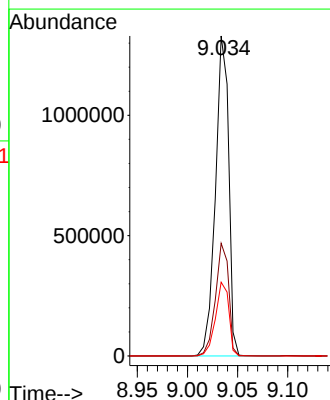
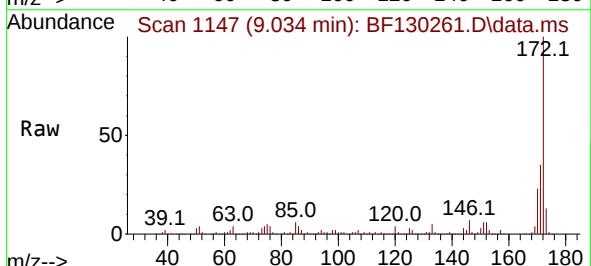
Tgt Ion:172 Resp: 1221914

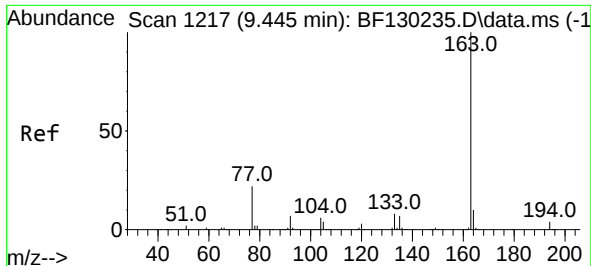
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 18.7 28.1

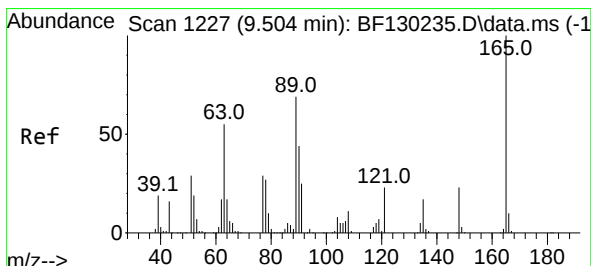
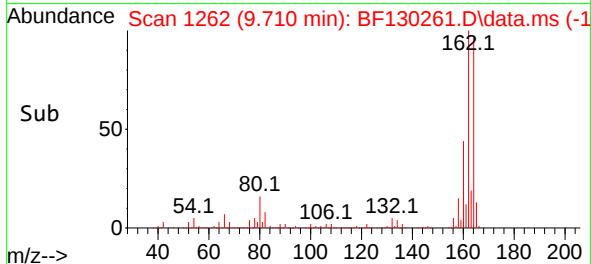
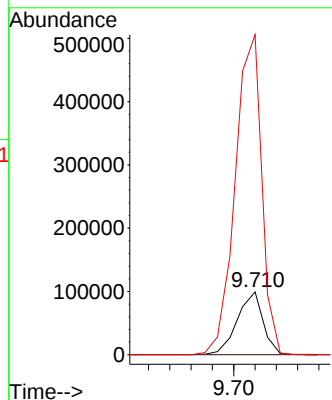
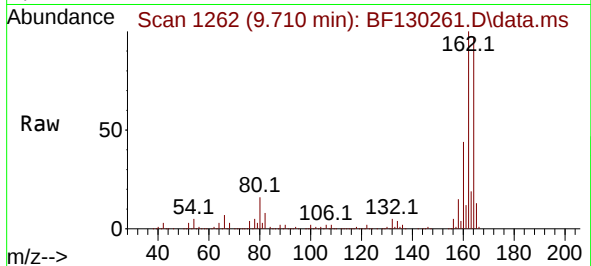




#50
Dimethylphthalate
Concen: 2.762 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

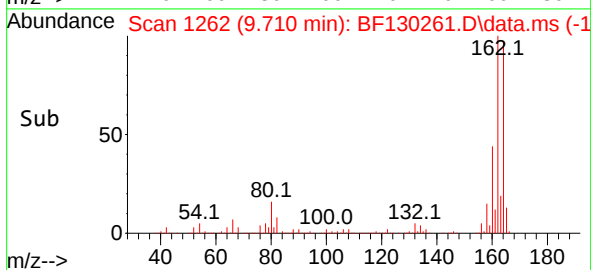
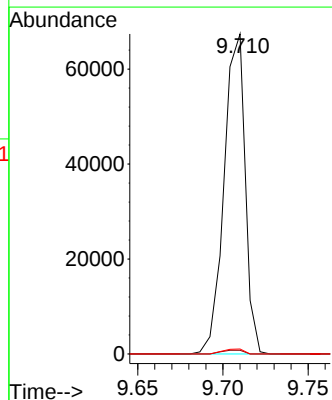
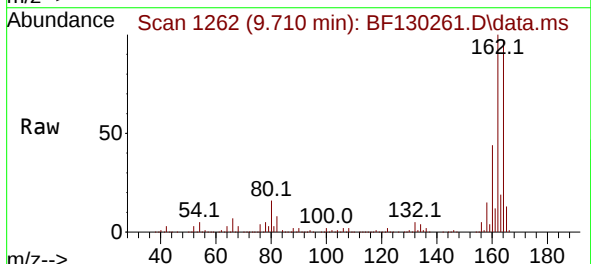
Instrument :
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251032-1

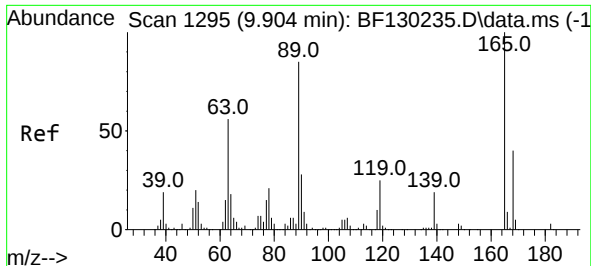
Tgt Ion:163 Resp: 83531
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 509.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.174 ng
RT: 9.710 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Tgt Ion:165 Resp: 58014
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.6 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 7.178 ng

RT: 9.710 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

Instrument :

BNA_F

ClientSampleId :

251032-1

Tgt Ion:165 Resp: 58014

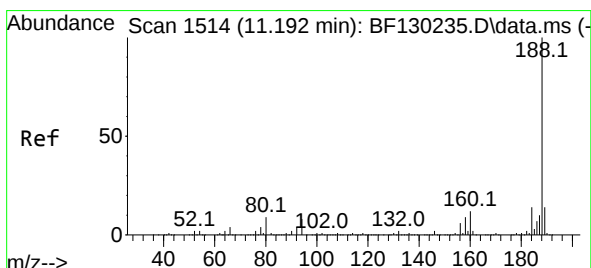
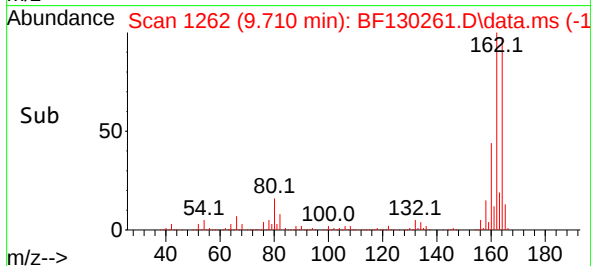
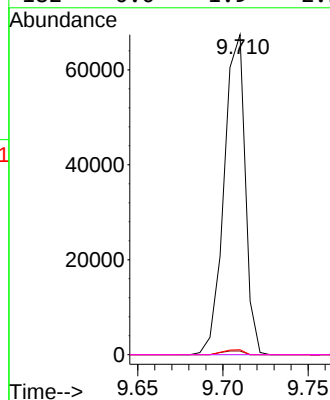
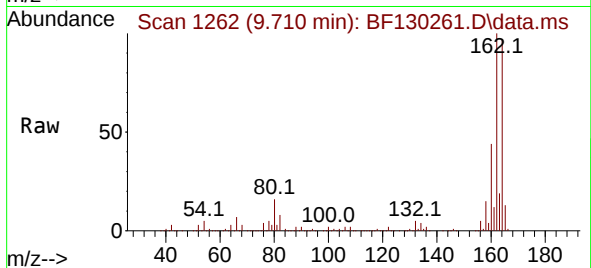
Ion Ratio Lower Upper

165 100

63 1.2 44.7 67.1#

89 1.6 69.0 103.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.186 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

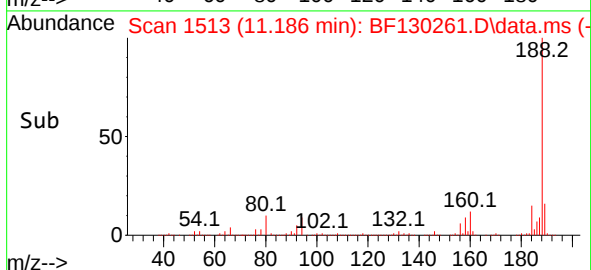
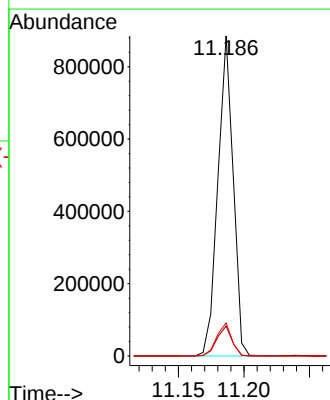
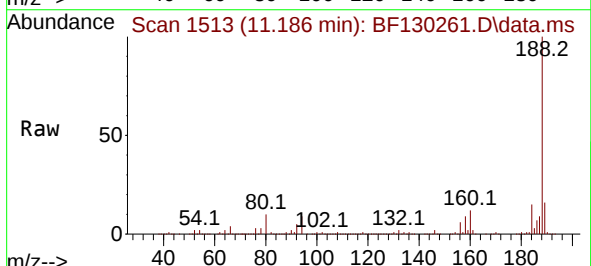
Tgt Ion:188 Resp: 716723

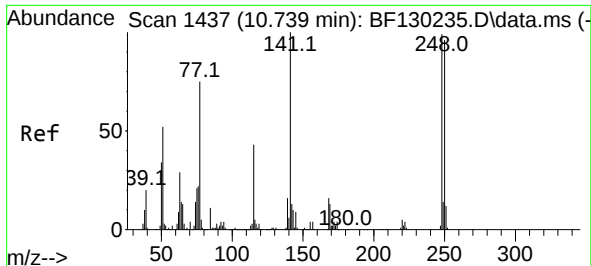
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.3 7.9 11.9

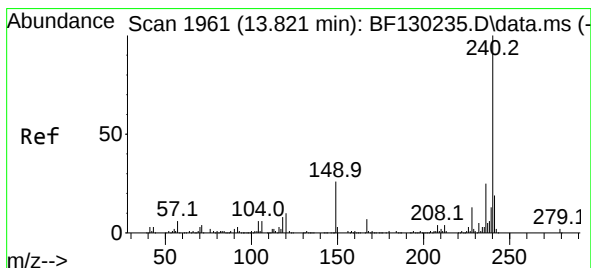
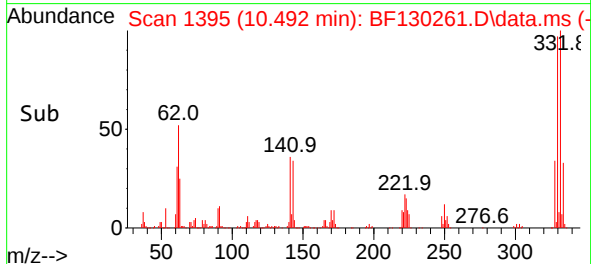
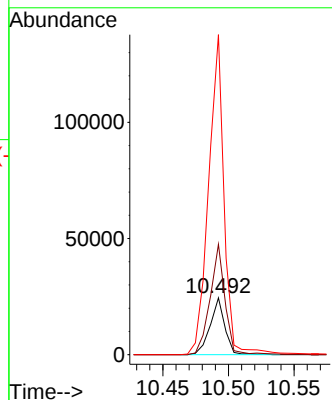
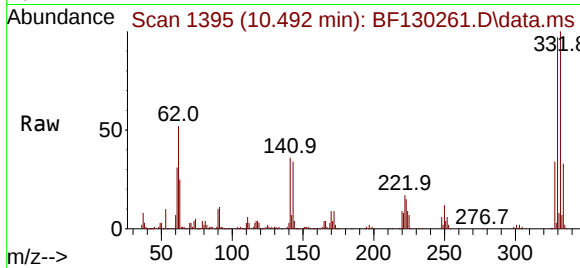




#67
4-Bromophenyl-phenylether
Concen: 2.428 ng
RT: 10.492 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

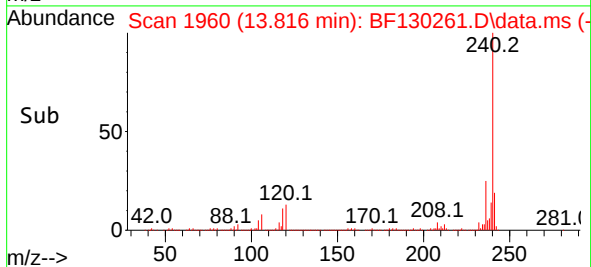
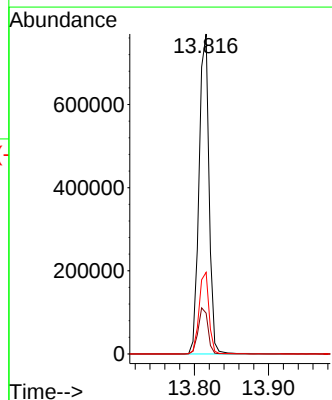
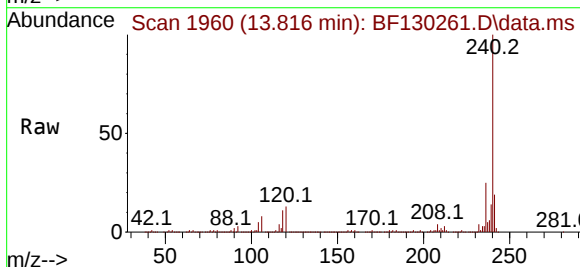
Instrument :
BNA_F
ClientSampleId :
251032-1

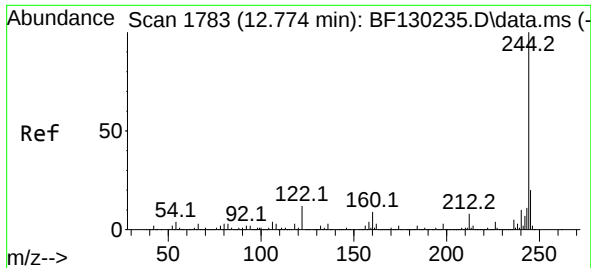
Tgt Ion:248 Resp: 19197
Ion Ratio Lower Upper
248 100
250 194.3 80.0 120.0#
141 563.2 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.816 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Tgt Ion:240 Resp: 719342
Ion Ratio Lower Upper
240 100
120 12.8 8.7 13.1
236 25.5 20.9 31.3

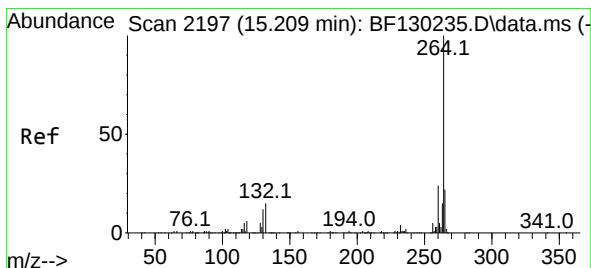
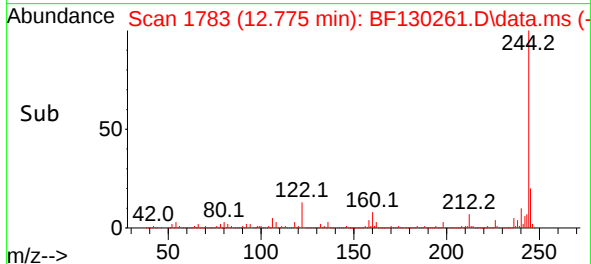
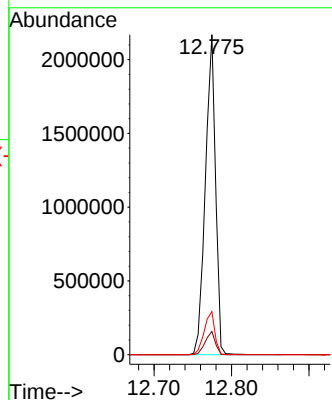
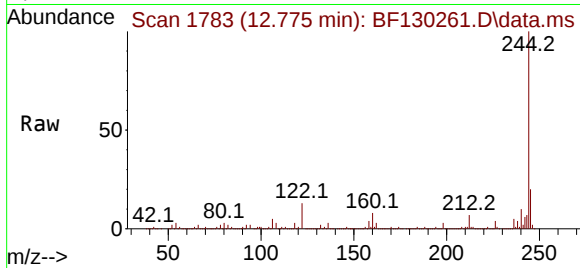




#79
 Terphenyl-d14
 Concen: 45.556 ng
 RT: 12.775 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Tgt Ion:244 Resp: 1978289
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 13.5 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.204 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

Tgt Ion:264 Resp: 314209
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 20.4 17.0 25.4

