

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130243.D
 Acq On : 14 Sep 2022 16:58
 Operator : CG\JU
 Sample : PB147629BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147629BL

Quant Time: Sep 15 01:23:24 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)

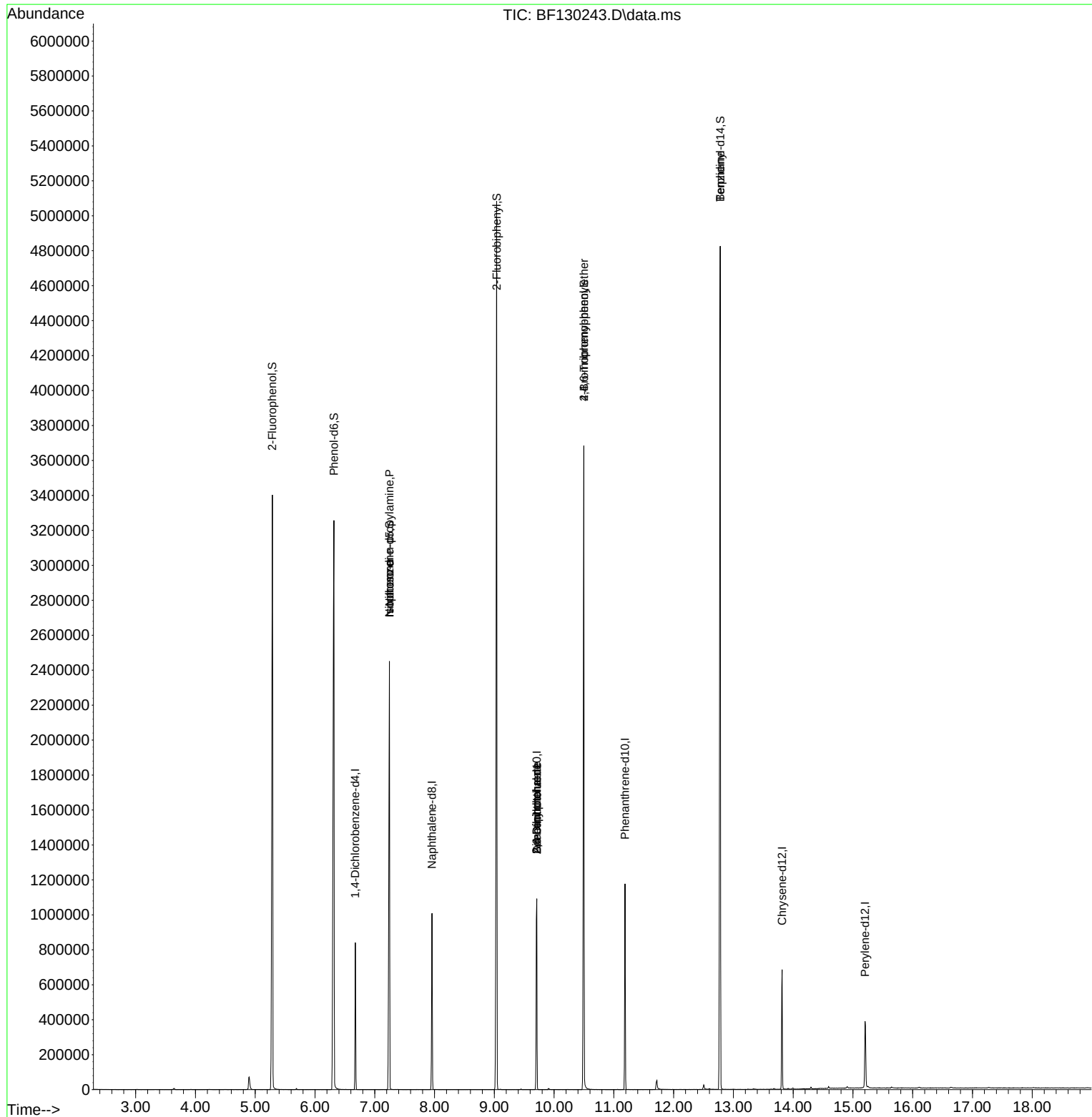
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	101269	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	404206	20.000	ng	0.00
39) Acenaphthene-d10	9.710	164	214169	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	362604	20.000	ng	0.00
76) Chrysene-d12	13.815	240	214578	20.000	ng	0.00
86) Perylene-d12	15.204	264	157501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1033094	176.941	ng	0.01
7) Phenol-d6	6.316	99	1258621	172.285	ng	0.00
23) Nitrobenzene-d5	7.245	82	835352	105.582	ng	0.00
42) 2,4,6-Tribromophenol	10.498	330	399795	194.818	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	1515255	103.026	ng	0.00
79) Terphenyl-d14	12.780	244	1621463	125.173	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.245	70	117086	23.752	ng	# 77
25) Isophorone	7.245	82	835344	65.507	ng	# 66
50) Dimethylphthalate	9.710	163	39559	2.674	ng	# 1
51) 2,6-Dinitrotoluene	9.710	165	27240	8.804	ng	# 16
57) 2,4-Dinitrotoluene	9.710	165	27240	6.889	ng	# 16
67) 4-Bromophenyl-phenylether	10.498	248	24419	6.105	ng	# 1
77) Benzidine	12.780	184	25711	4.128	ng	# 94

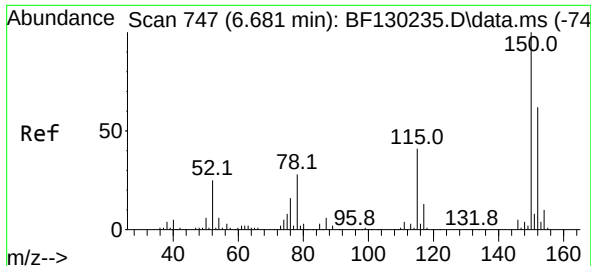
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
Data File : BF130243.D
Acq On : 14 Sep 2022 16:58
Operator : CG\JU
Sample : PB147629BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB147629BL

Quant Time: Sep 15 01:23:24 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

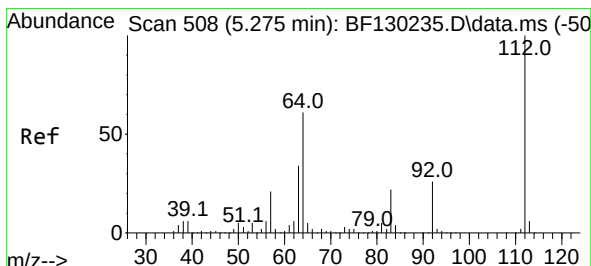
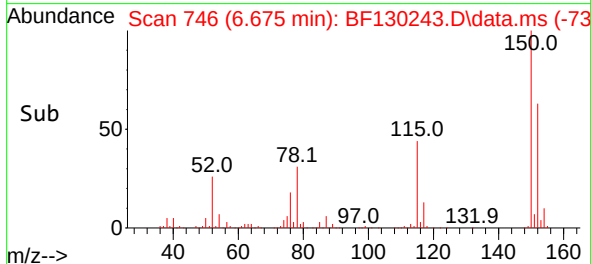
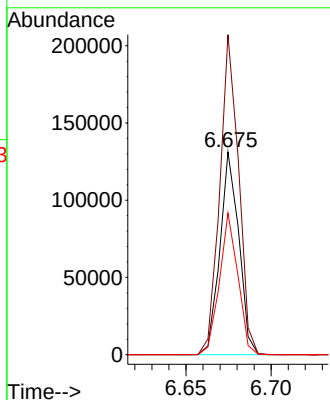
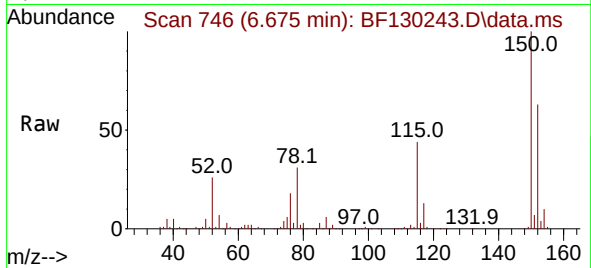




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

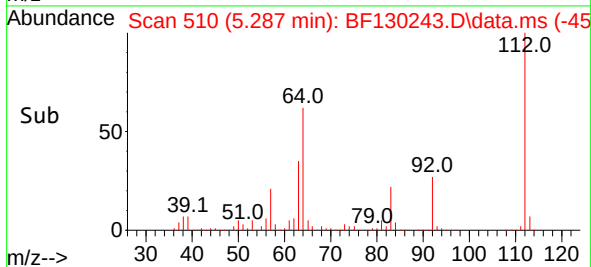
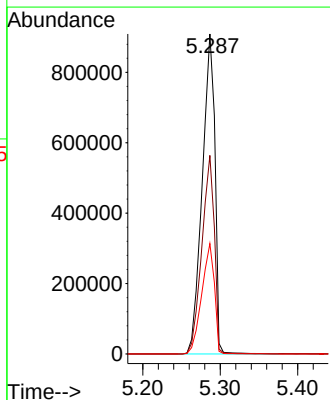
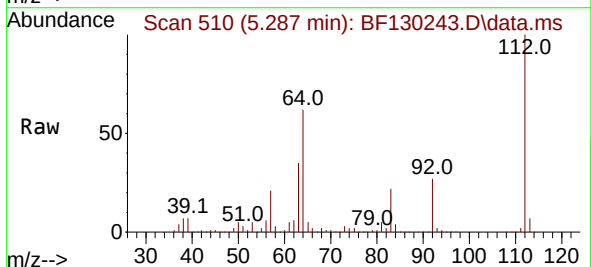
Instrument :
BNA_F
ClientSampleId :
PB147629BL

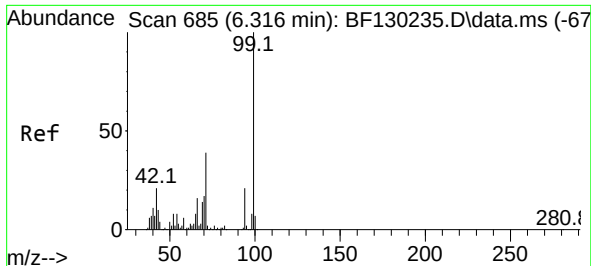
Tgt Ion:152 Resp: 101269
Ion Ratio Lower Upper
152 100
150 157.8 122.8 184.2
115 69.8 53.8 80.8



#5
2-Fluorophenol
Concen: 176.941 ng
RT: 5.287 min Scan# 510
Delta R.T. 0.012 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Tgt Ion:112 Resp: 1033094
Ion Ratio Lower Upper
112 100
64 62.0 51.4 77.0
63 34.5 28.8 43.2

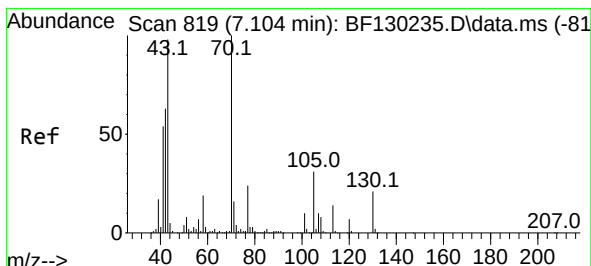
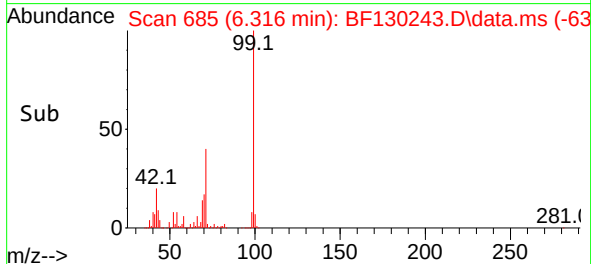
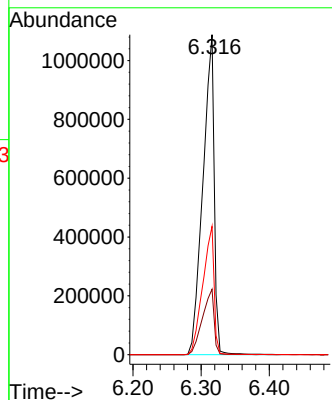
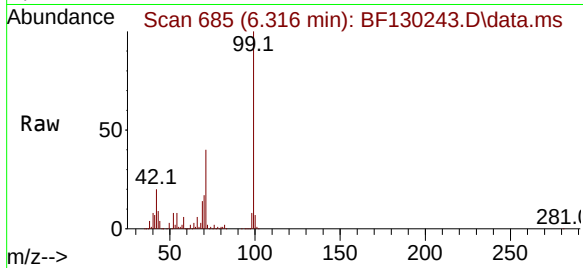




#7
Phenol-d6
Concen: 172.285 ng
RT: 6.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

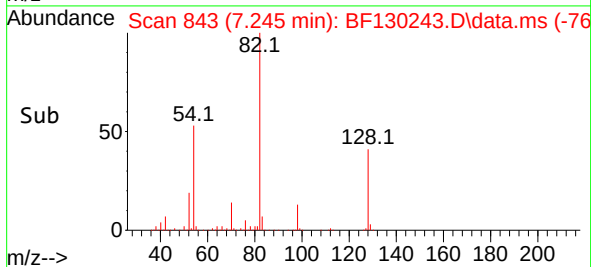
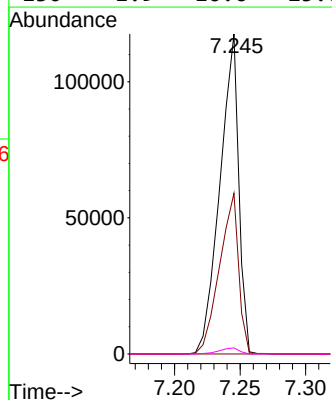
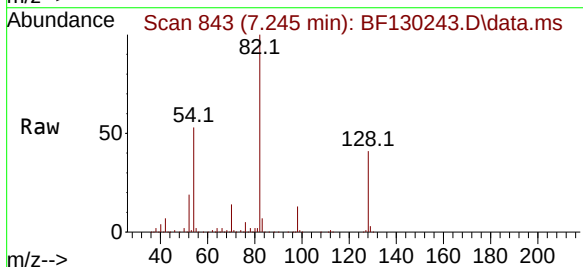
Instrument :
BNA_F
ClientSampleId :
PB147629BL

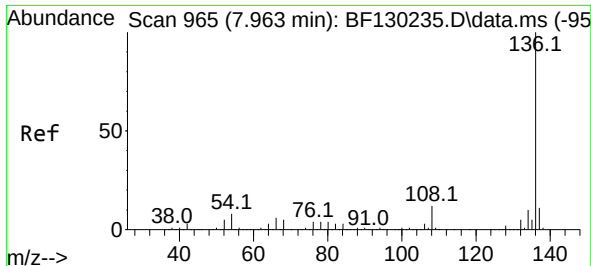
Tgt Ion: 99 Resp: 1258621
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 40.1 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 23.752 ng
RT: 7.245 min Scan# 843
Delta R.T. 0.141 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Tgt Ion: 70 Resp: 117086
Ion Ratio Lower Upper
70 100
42 50.2 50.8 76.2#
101 0.0 8.2 12.4#
130 1.9 16.6 25.0#

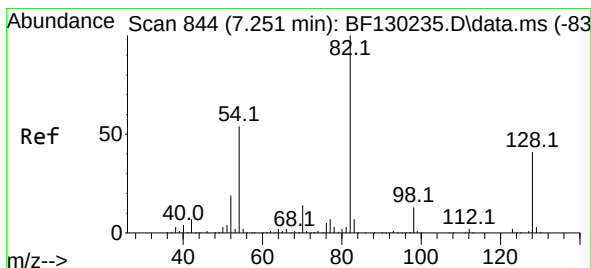
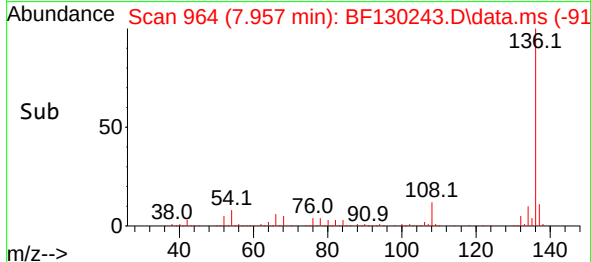
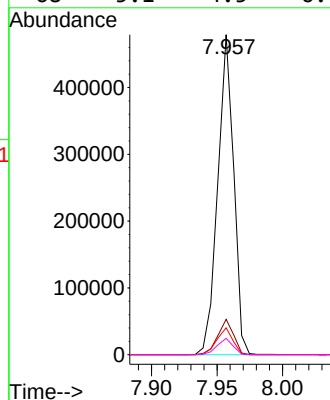
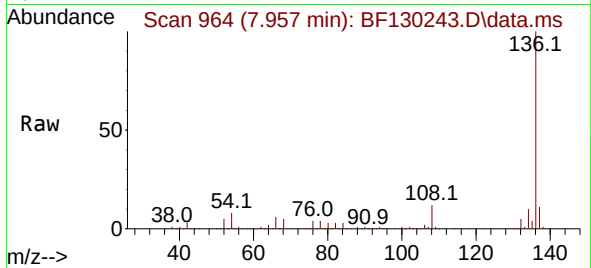




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

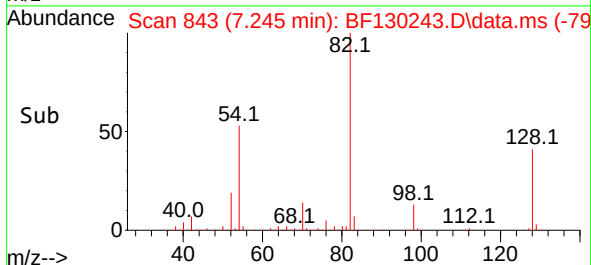
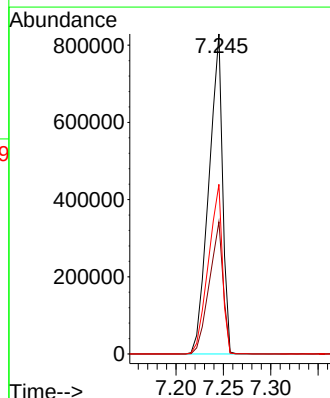
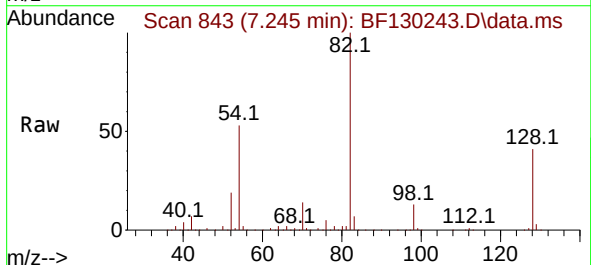
Instrument :
BNA_F
ClientSampleId :
PB147629BL

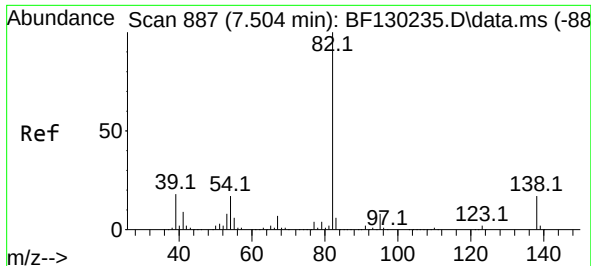
Tgt Ion:136 Resp: 404206
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.4 7.1 10.7
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 105.582 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Tgt Ion: 82 Resp: 835352
Ion Ratio Lower Upper
82 100
128 41.3 32.6 49.0
54 53.0 43.8 65.6

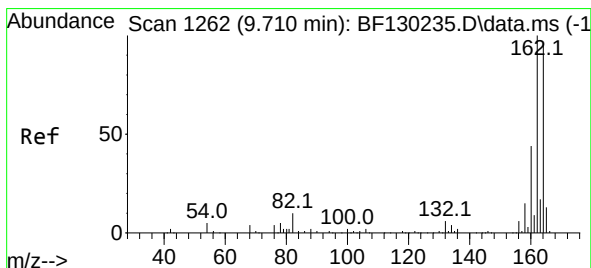
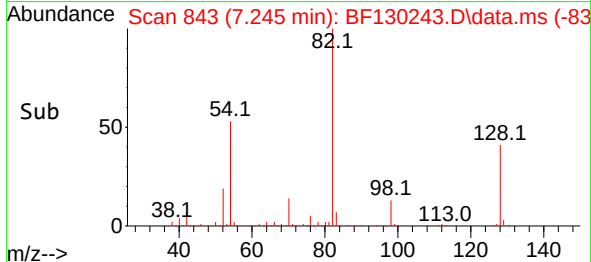
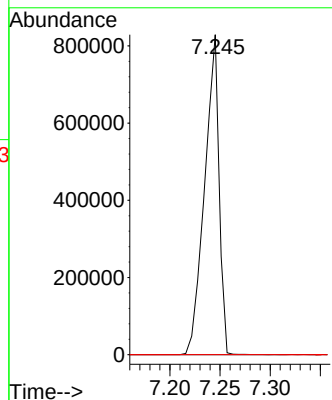
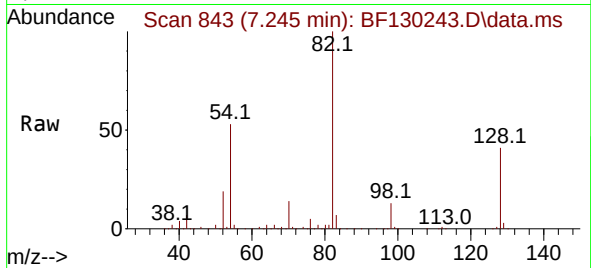




#25
Isophorone
Concen: 65.507 ng
RT: 7.245 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

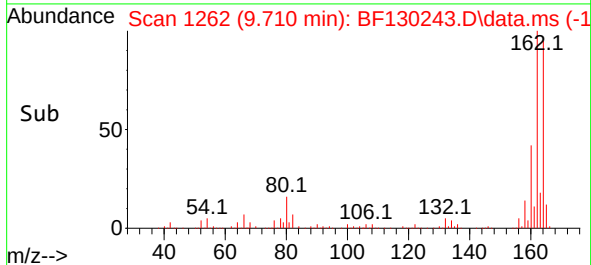
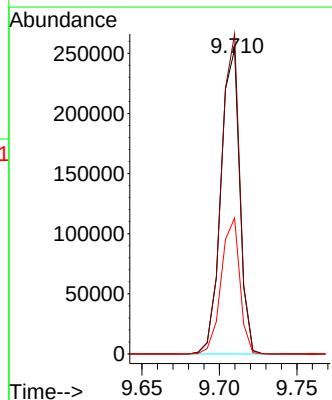
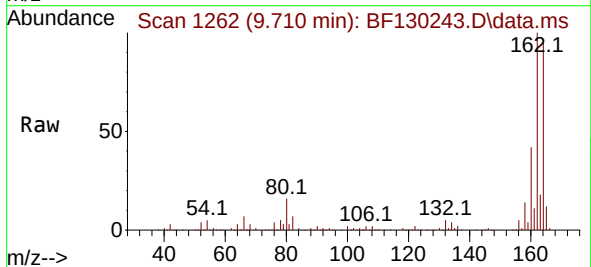
Instrument :
BNA_F
ClientSampleId :
PB147629BL

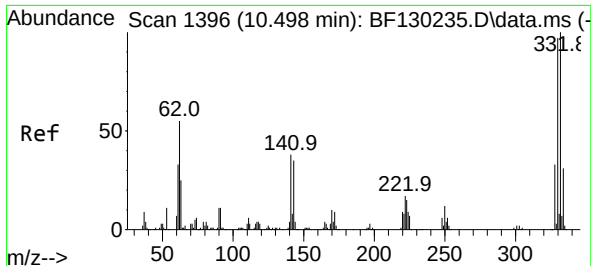
Tgt Ion: 82 Resp: 835344
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.710 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Tgt Ion:164 Resp: 214169
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 44.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 194.818 ng

RT: 10.498 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF130243.D

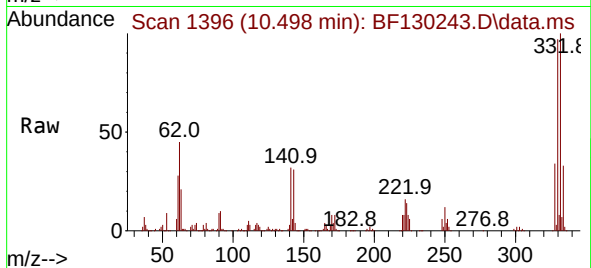
Acq: 14 Sep 2022 16:58

Instrument :

BNA_F

ClientSampleId :

PB147629BL



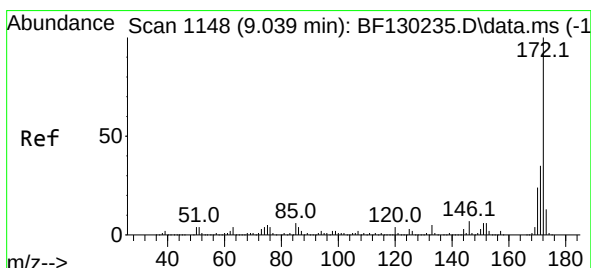
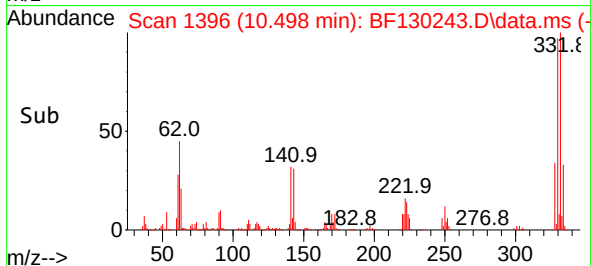
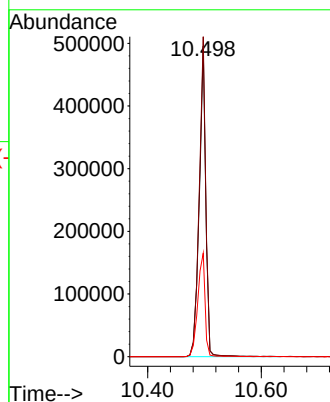
Tgt Ion:330 Resp: 399795

Ion Ratio Lower Upper

330 100

332 103.6 83.4 125.2

141 37.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 103.026 ng

RT: 9.039 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF130243.D

Acq: 14 Sep 2022 16:58

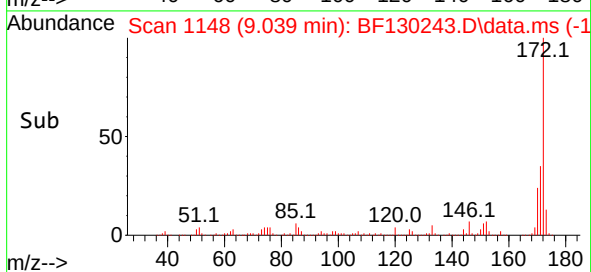
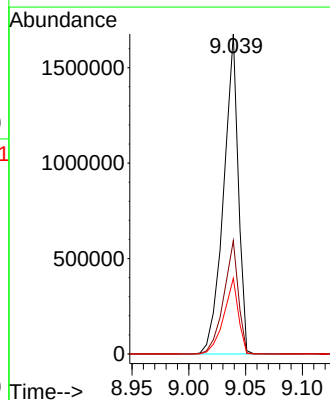
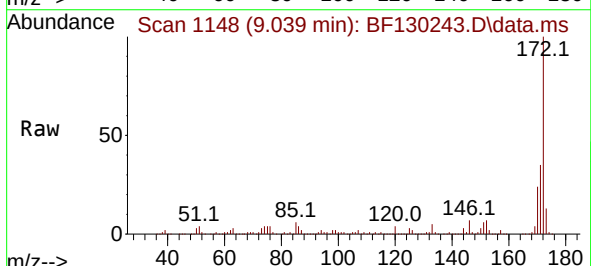
Tgt Ion:172 Resp: 1515255

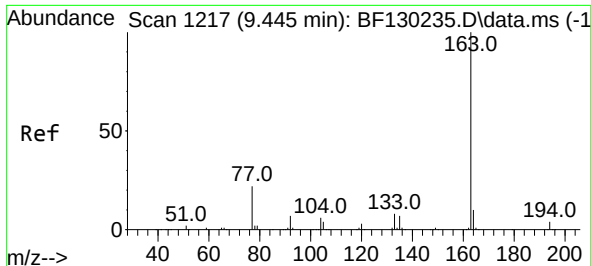
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 18.7 28.1

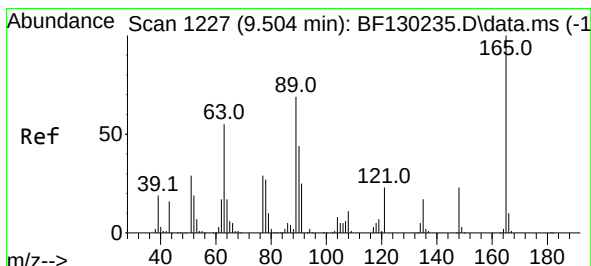
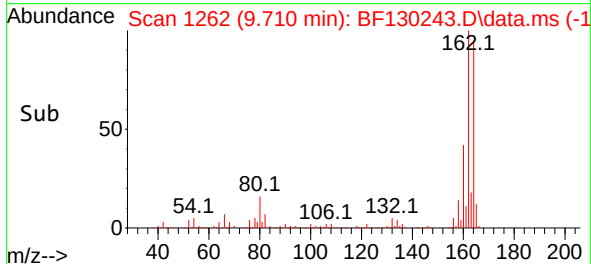
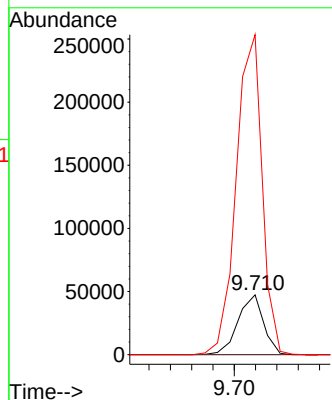
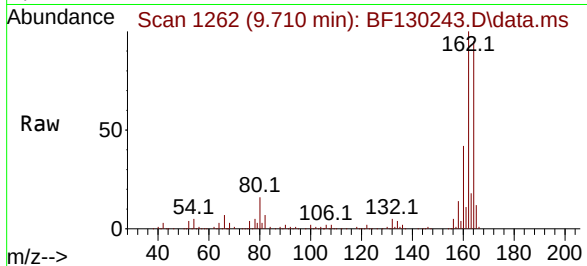




#50
Dimethylphthalate
Concen: 2.674 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

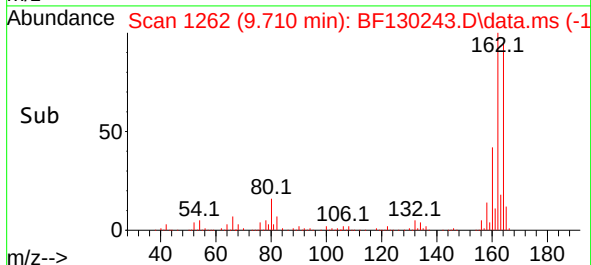
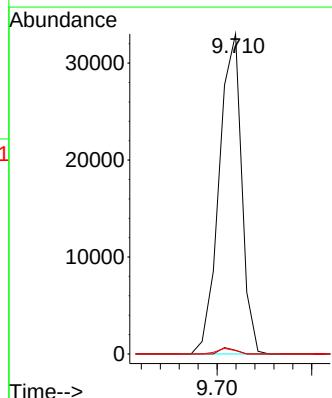
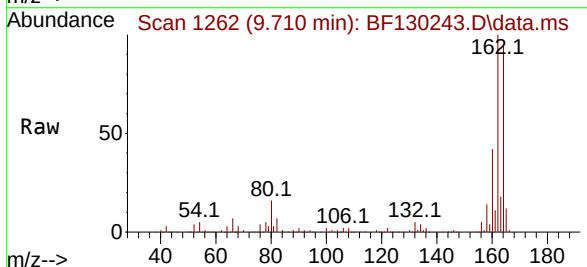
Instrument :
BNA_F
ClientSampleId :
PB147629BL

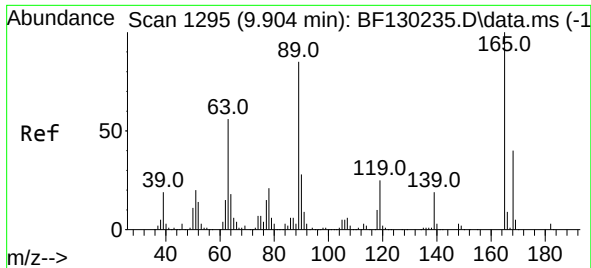
Tgt Ion:163 Resp: 39559
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 534.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.804 ng
RT: 9.710 min Scan# 1262
Delta R.T. 0.206 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Tgt Ion:165 Resp: 27240
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.1 54.5 81.7#

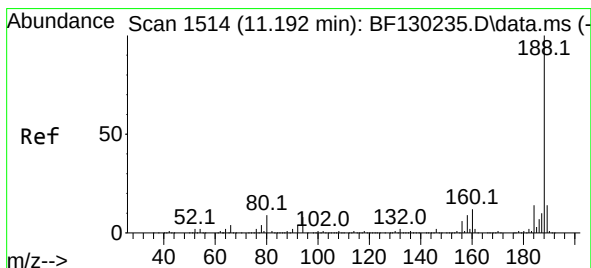
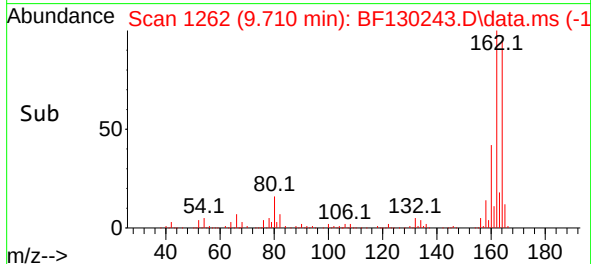
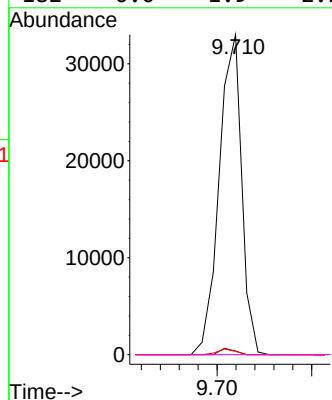
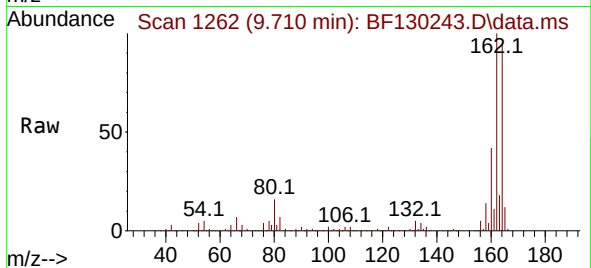




#57
2,4-Dinitrotoluene
Concen: 6.889 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

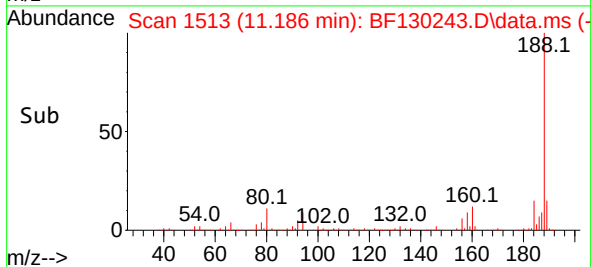
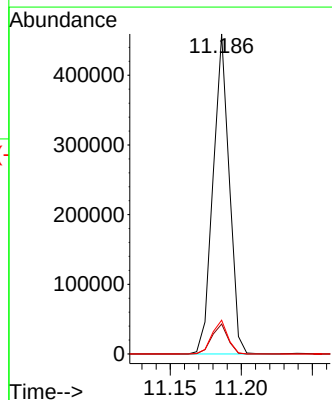
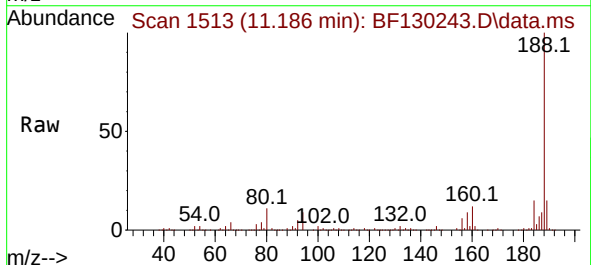
Instrument :
BNA_F
ClientSampleId :
PB147629BL

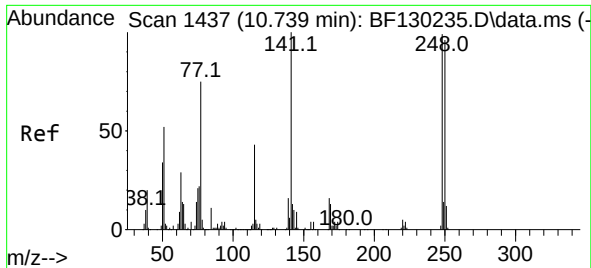
Tgt Ion:165 Resp: 27240
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.1 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Tgt Ion:188 Resp: 362604
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.6 7.9 11.9

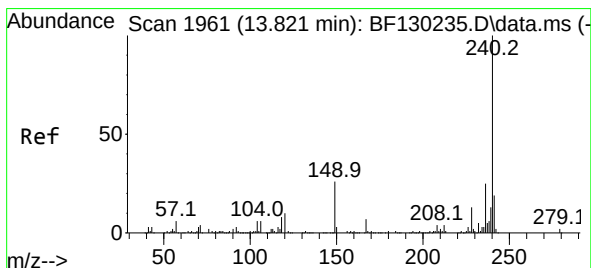
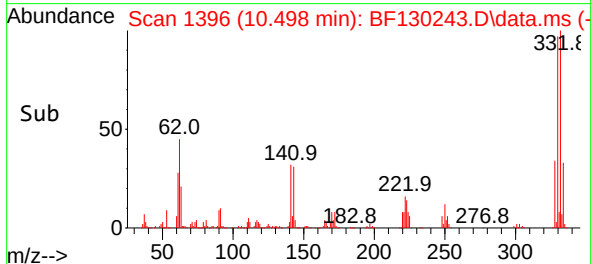
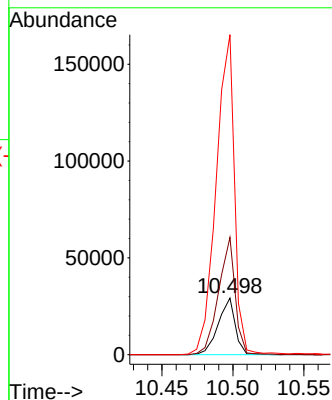
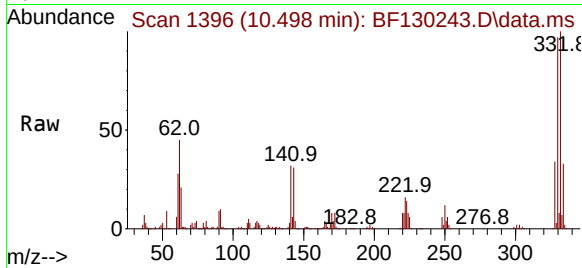




#67
4-Bromophenyl-phenylether
Concen: 6.105 ng
RT: 10.498 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

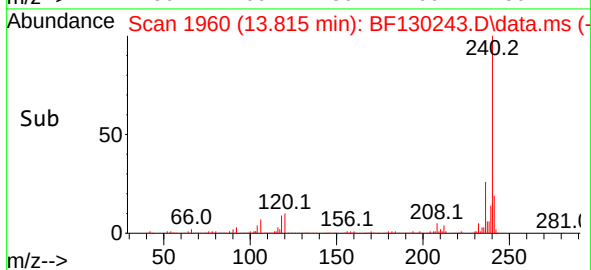
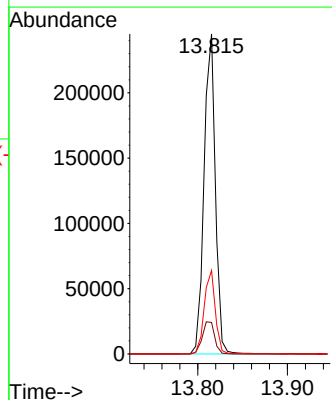
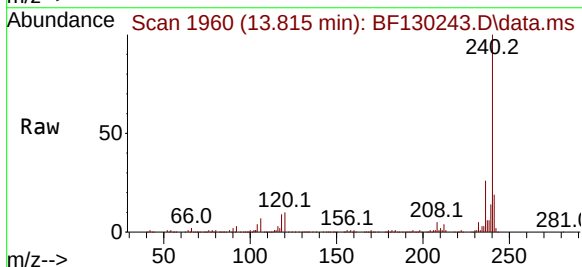
Instrument :
BNA_F
ClientSampleId :
PB147629BL

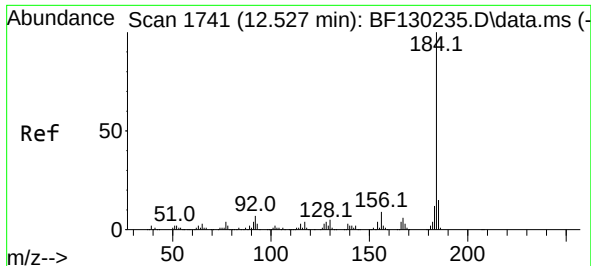
Tgt Ion:248 Resp: 24419
Ion Ratio Lower Upper
248 100
250 206.9 80.0 120.0#
141 564.7 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.815 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Tgt Ion:240 Resp: 214578
Ion Ratio Lower Upper
240 100
120 9.9 8.7 13.1
236 26.1 20.9 31.3

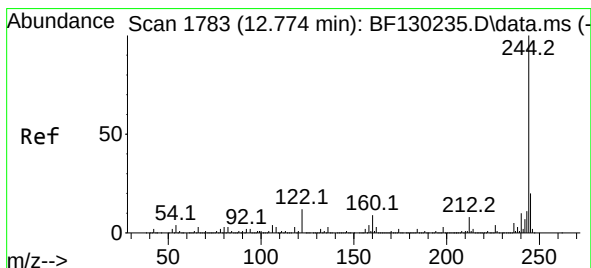
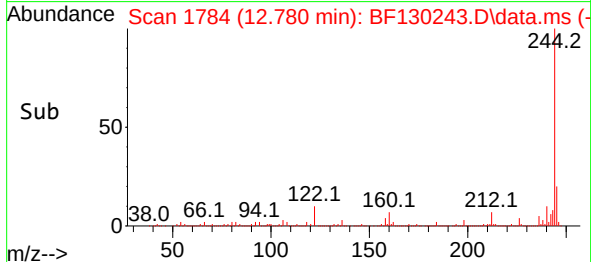
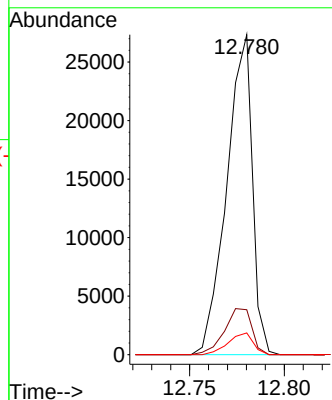
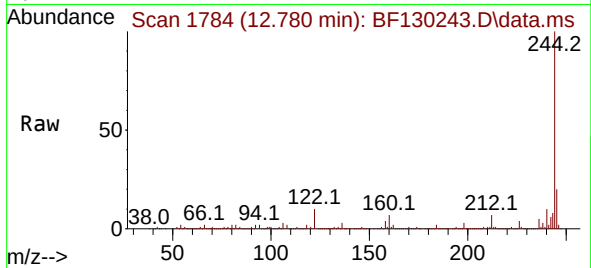




#77
Benzidine
Concen: 4.128 ng
RT: 12.780 min Scan# 1784
Delta R.T. 0.253 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

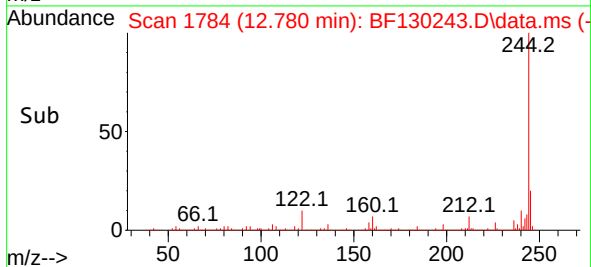
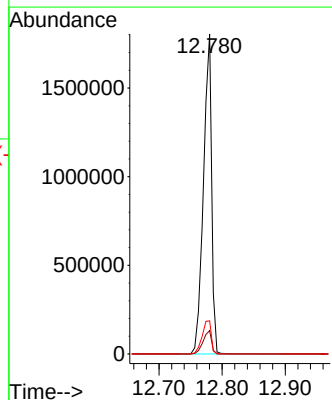
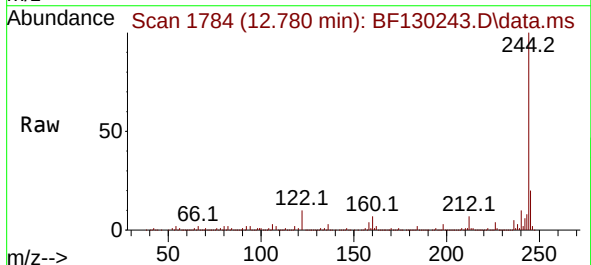
Instrument :
BNA_F
ClientSampleId :
PB147629BL

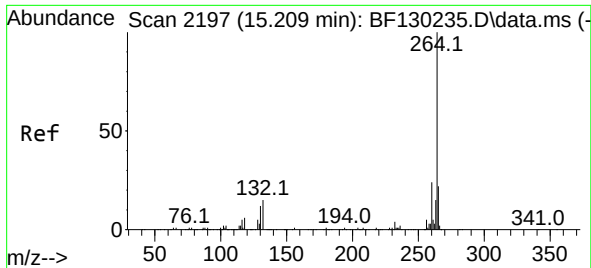
Tgt Ion:184 Resp: 25711
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 6.8 9.1 13.7#



#79
Terphenyl-d14
Concen: 125.173 ng
RT: 12.780 min Scan# 1784
Delta R.T. 0.006 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

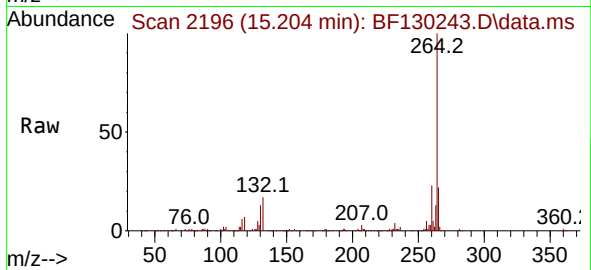
Tgt Ion:244 Resp: 1621463
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.3 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.204 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF130243.D
Acq: 14 Sep 2022 16:58

Instrument :
BNA_F
ClientSampleId :
PB147629BL



Tgt Ion:264 Resp: 157501

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	21.7	17.0	25.4

