

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140128.D
 Acq On : 29 Oct 2024 22:31
 Operator : RC/JU
 Sample : P4598-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F12

Quant Time: Oct 30 01:05:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

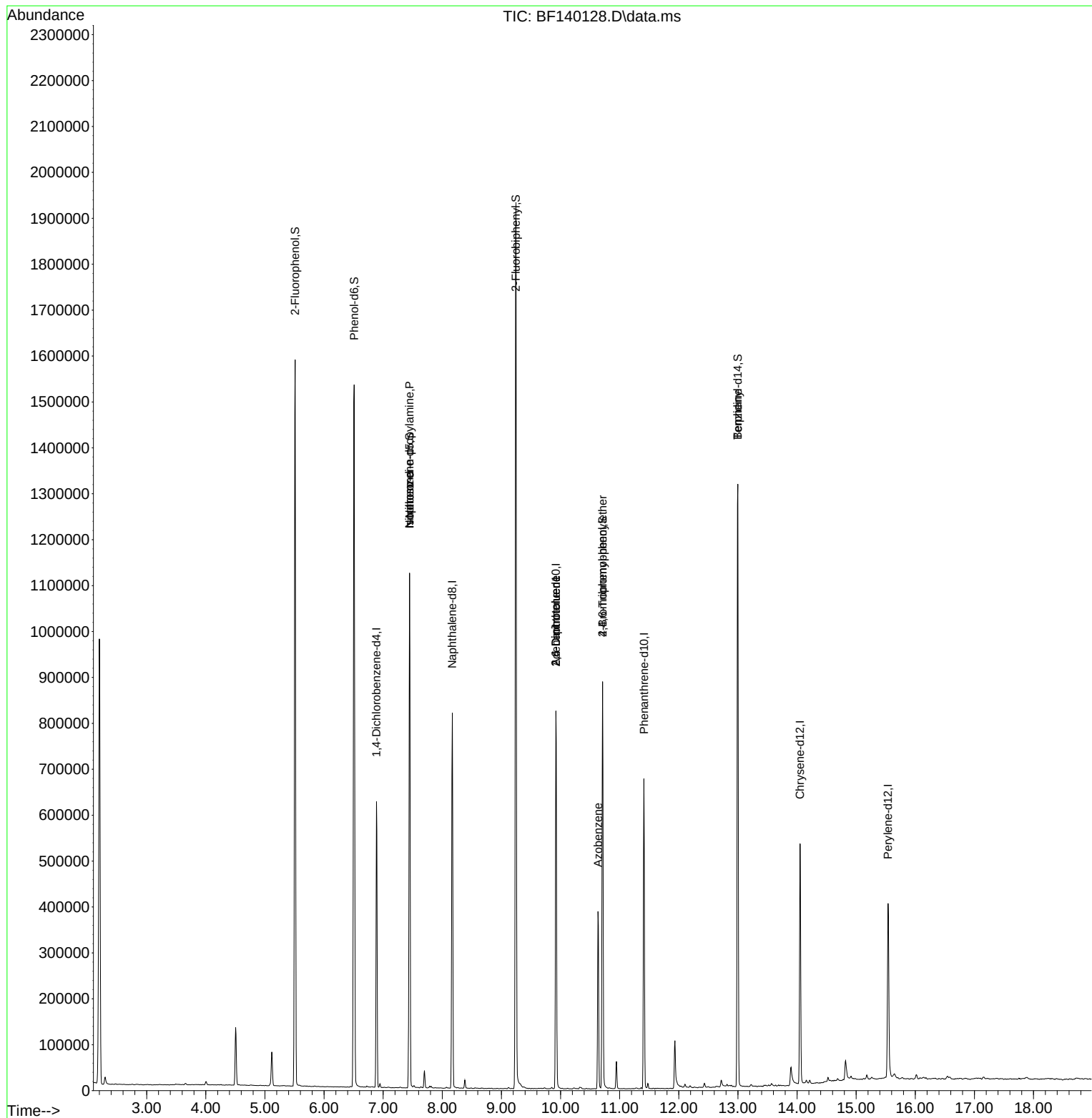
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125215	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	488385	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	248126	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	349852	20.000	ng	0.00
76) Chrysene-d12	14.051	240	245891	20.000	ng	0.00
86) Perylene-d12	15.539	264	234454	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	571370	71.435	ng	0.01
7) Phenol-d6	6.510	99	724581	69.945	ng	0.00
23) Nitrobenzene-d5	7.445	82	490227	55.633	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	141542	60.986	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	890566	59.318	ng	0.00
79) Terphenyl-d14	12.998	244	664365	44.026	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	65052	10.354	ng	# 78
25) Isophorone	7.445	82	486210	29.071	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	31344	9.367	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	31344	7.617	ng	# 21
63) Azobenzene	10.634	77	100559	6.251	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	9689	2.688	ng	# 1
77) Benzidine	12.998	184	8358	2.067	ng	# 89

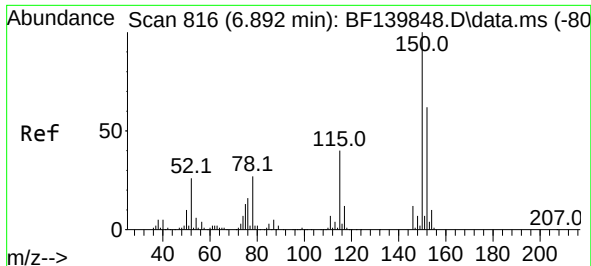
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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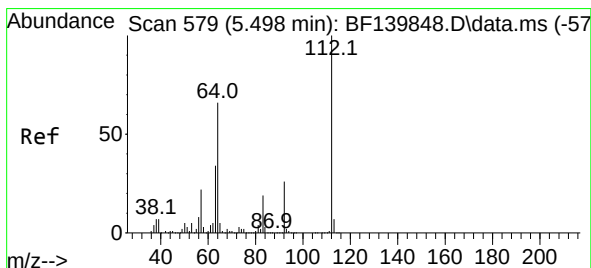
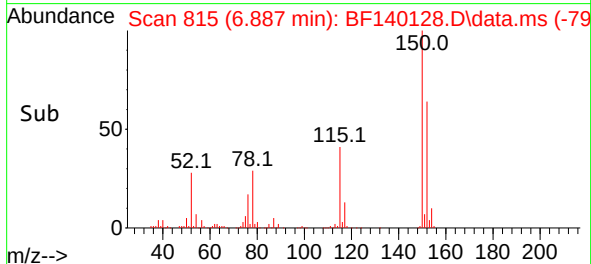
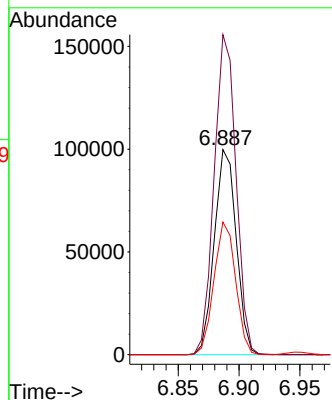
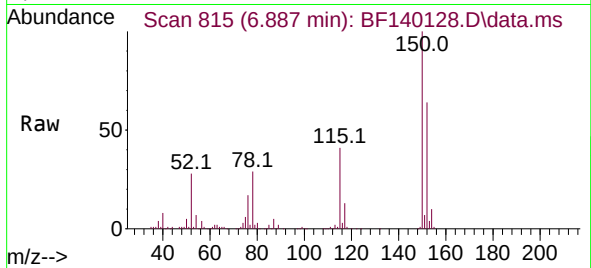




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

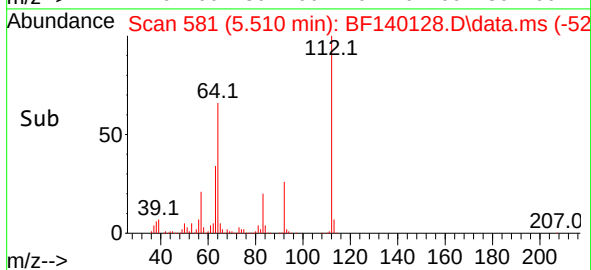
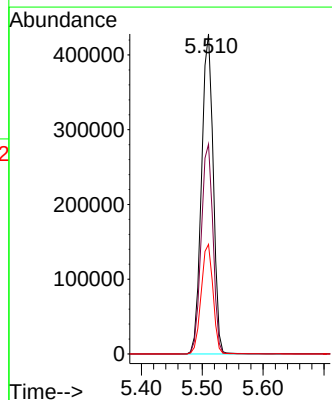
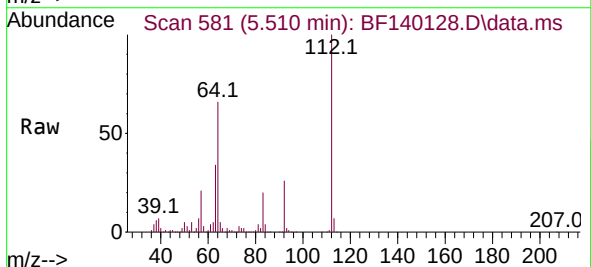
Instrument :
BNA_F
ClientSampleId :
BP-F12

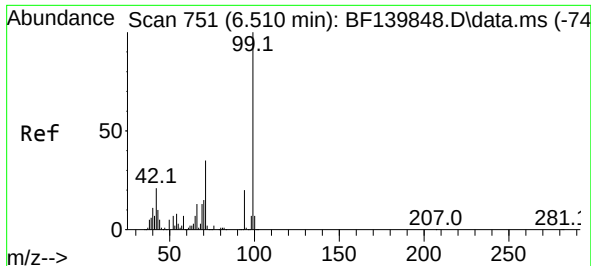
Tgt Ion:152 Resp: 125215
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 71.435 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion:112 Resp: 571370
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 34.2 27.0 40.4

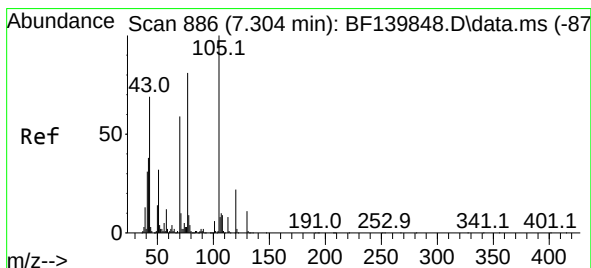
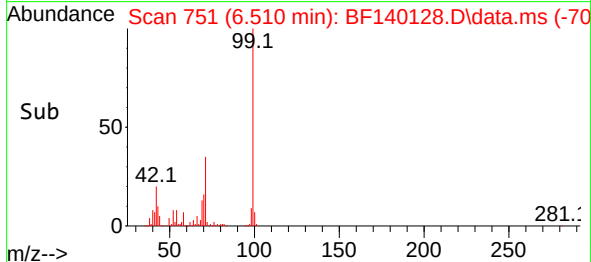
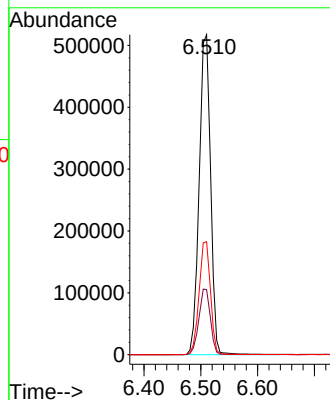
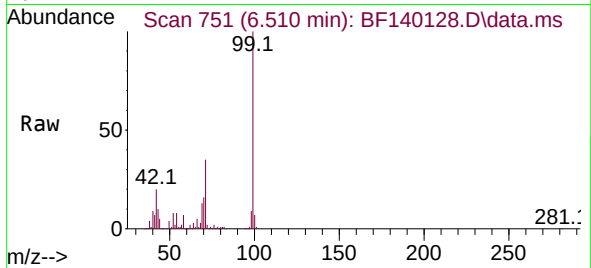




#7
Phenol-d6
Concen: 69.945 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

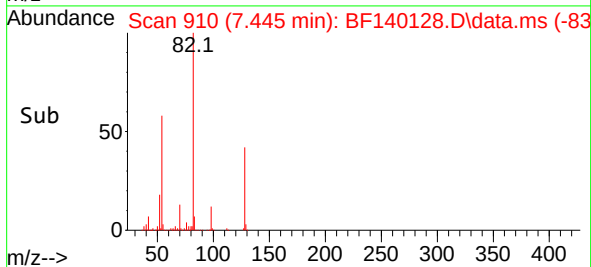
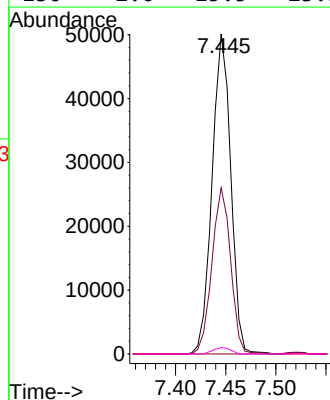
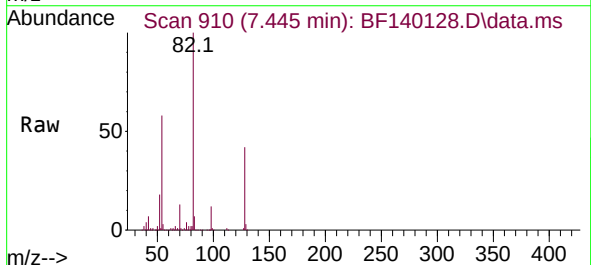
Instrument :
BNA_F
ClientSampleId :
BP-F12

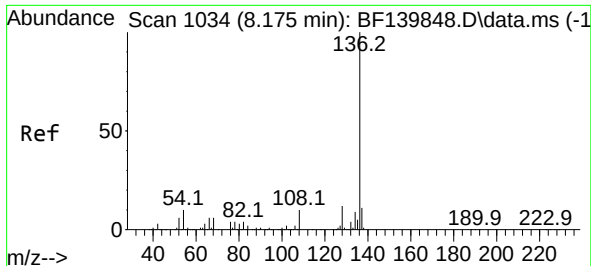
Tgt Ion: 99 Resp: 724581
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 35.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 10.354 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion: 70 Resp: 65052
Ion Ratio Lower Upper
70 100
42 51.9 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



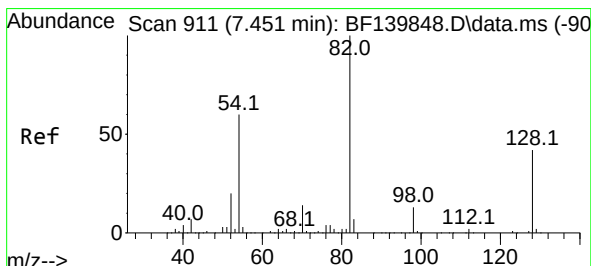
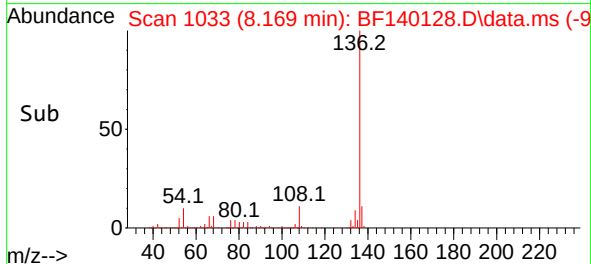
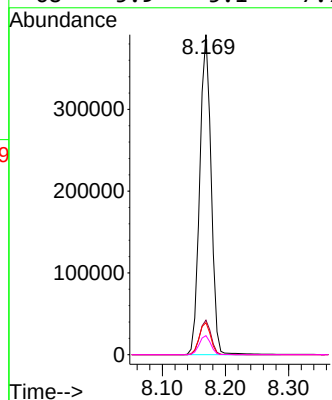
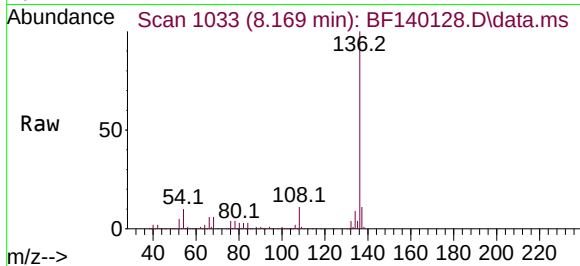


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Instrument :
BNA_F
ClientSampleId :
BP-F12

Tgt Ion:136 Resp: 488385

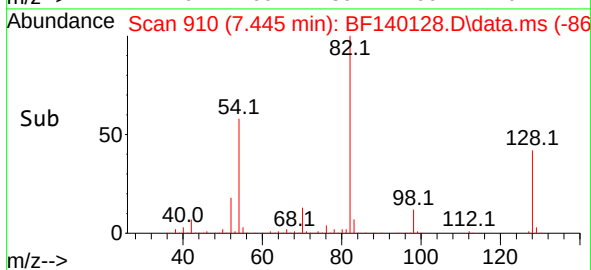
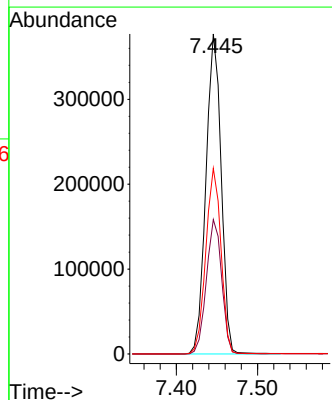
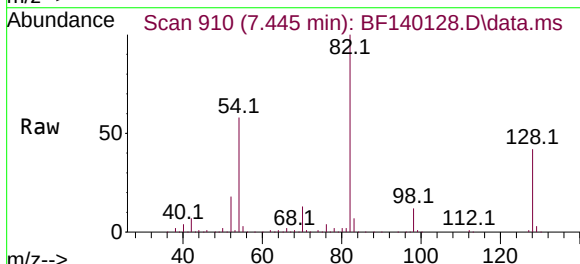
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.4	12.6
68	5.9	5.1	7.7

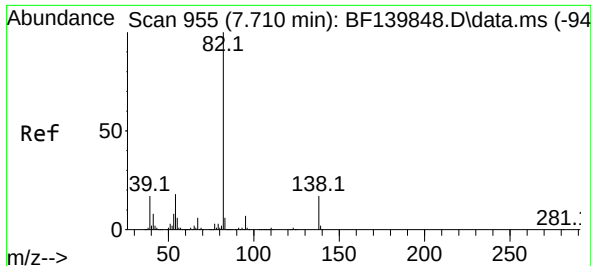


#23
Nitrobenzene-d5
Concen: 55.633 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion: 82 Resp: 490227

Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	58.0	47.8	71.8

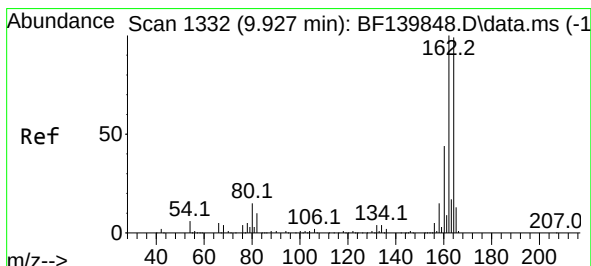
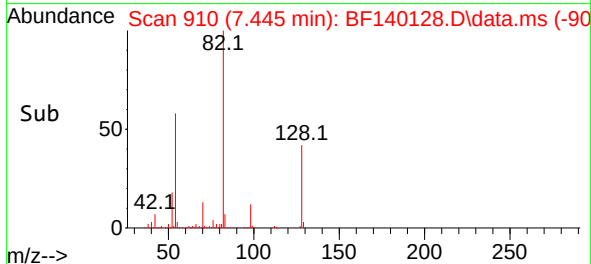
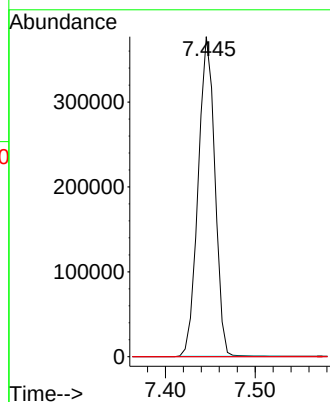
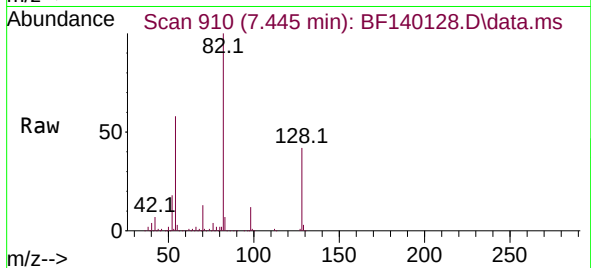




#25
Isophorone
Concen: 29.071 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

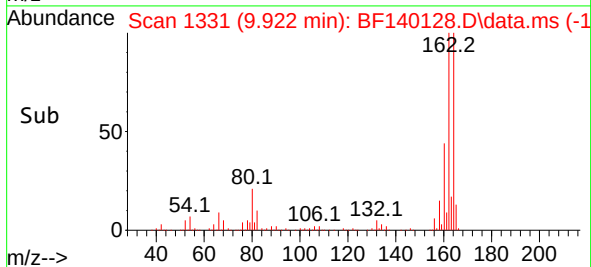
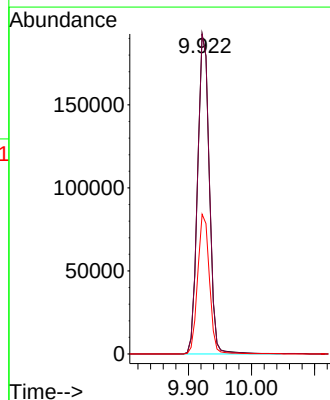
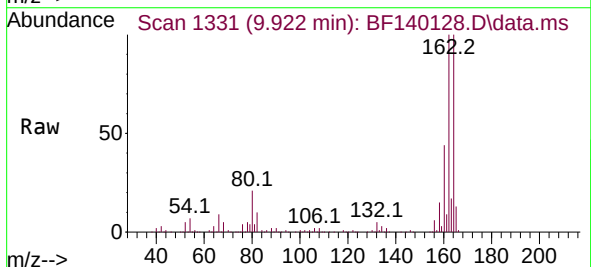
Instrument :
BNA_F
ClientSampleId :
BP-F12

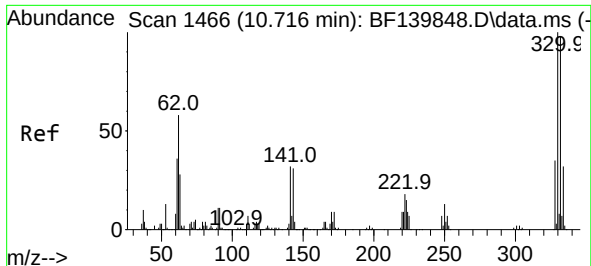
Tgt Ion: 82 Resp: 486210
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

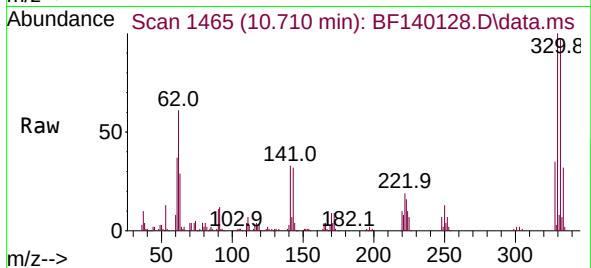
Tgt Ion: 164 Resp: 248126
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.7 35.4 53.0



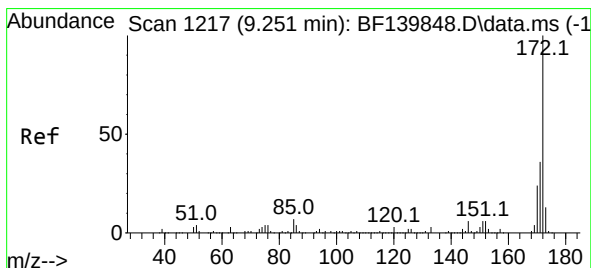
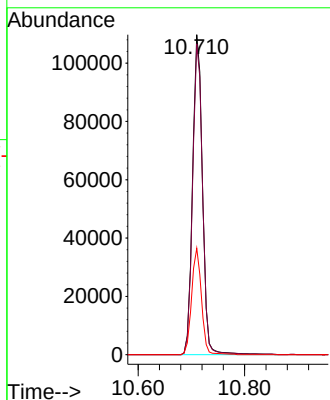
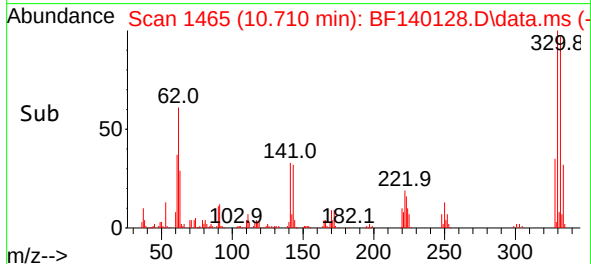


#42
2,4,6-Tribromophenol
Concen: 60.986 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Instrument :
BNA_F
ClientSampleId :
BP-F12

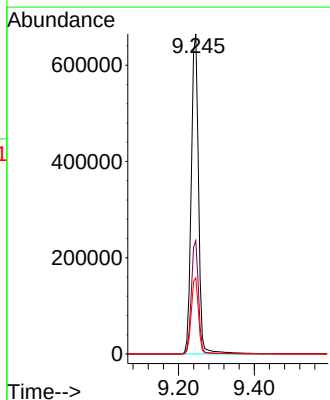
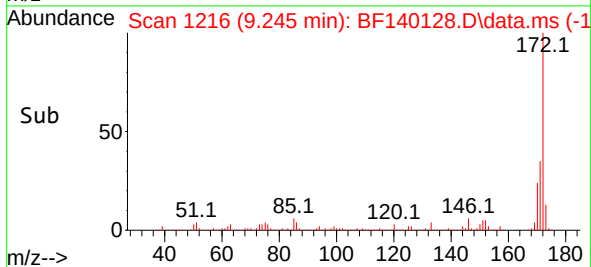
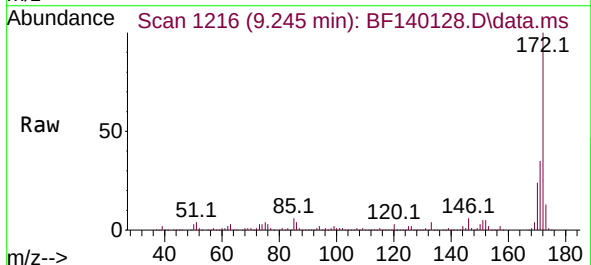


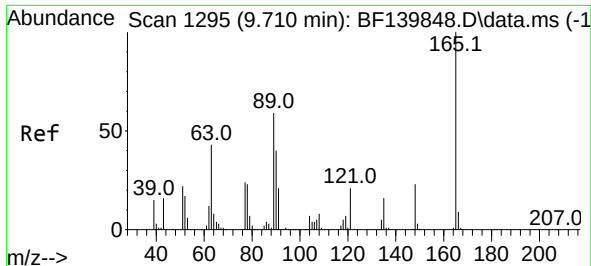
Tgt Ion:330 Resp: 141542
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 33.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 59.318 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion:172 Resp: 890566
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.1 28.7

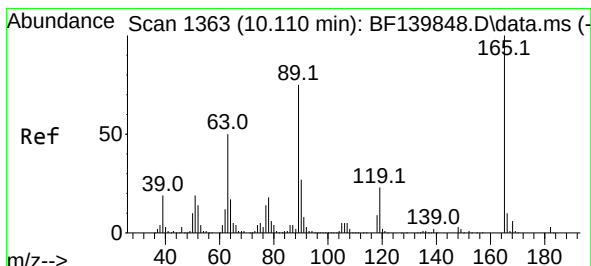
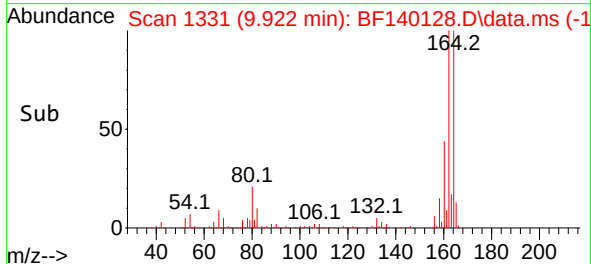
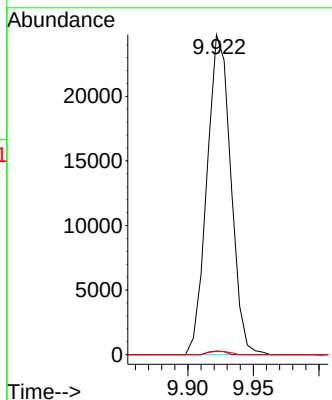
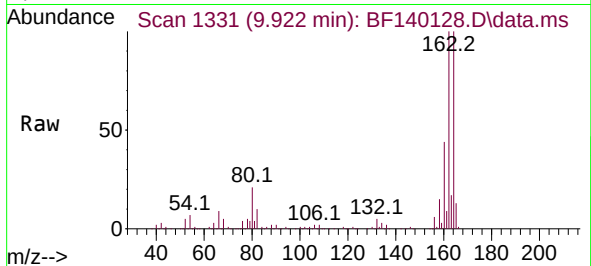




#51
2,6-Dinitrotoluene
Concen: 9.367 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

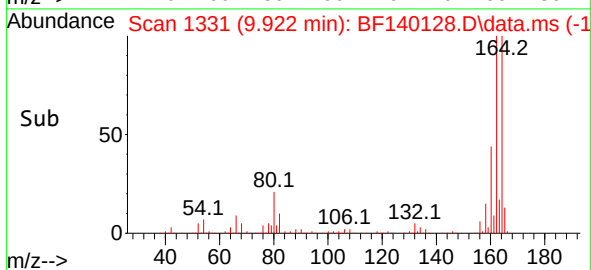
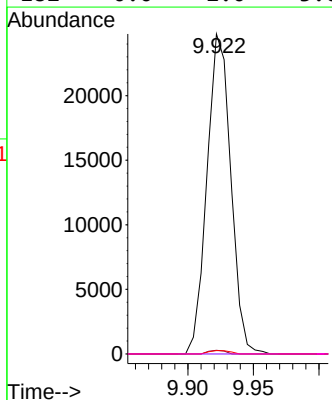
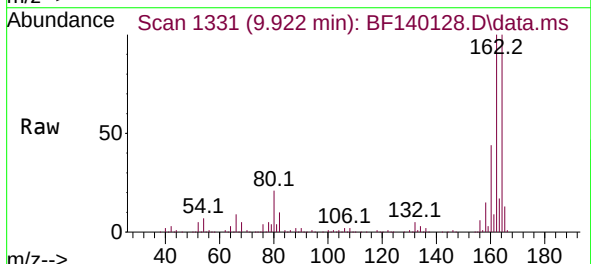
Instrument :
BNA_F
ClientSampleId :
BP-F12

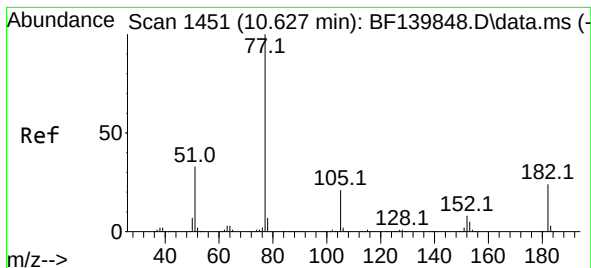
Tgt Ion:165 Resp: 31344
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.617 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Tgt Ion:165 Resp: 31344
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 6.251 ng

RT: 10.634 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140128.D

Acq: 29 Oct 2024 22:31

Instrument :

BNA_F

ClientSampleId :

BP-F12

Tgt Ion: 77 Resp: 100559

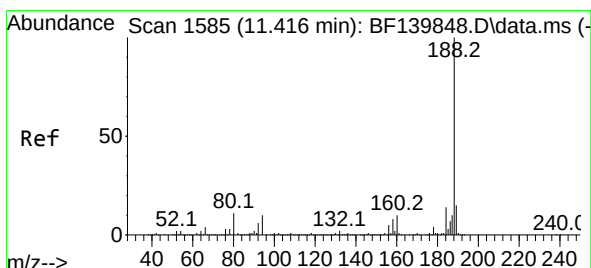
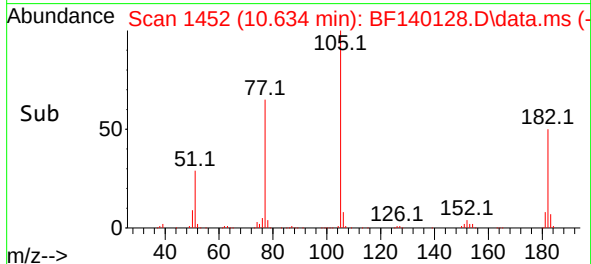
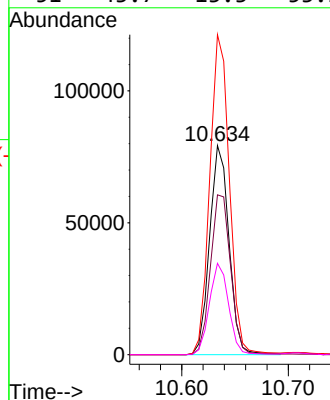
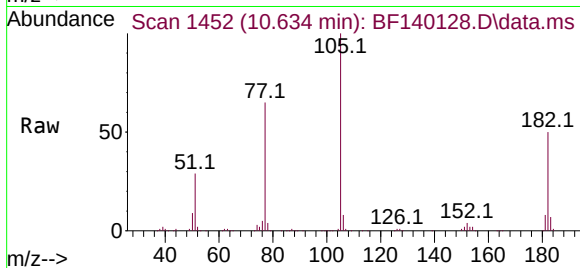
Ion Ratio Lower Upper

77 100

182 76.4 3.3 43.3#

105 153.0 1.2 41.2#

51 43.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140128.D

Acq: 29 Oct 2024 22:31

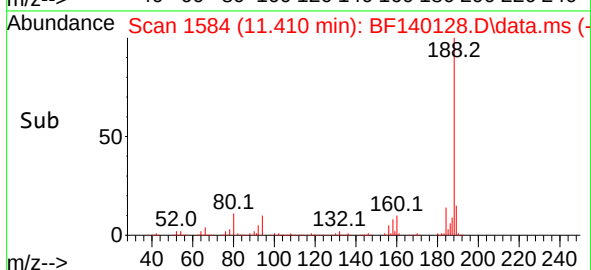
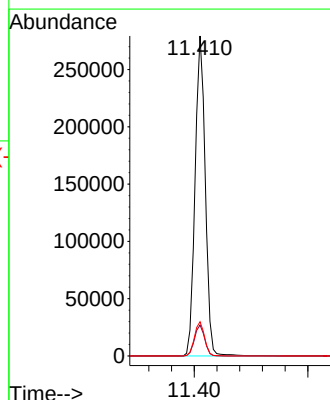
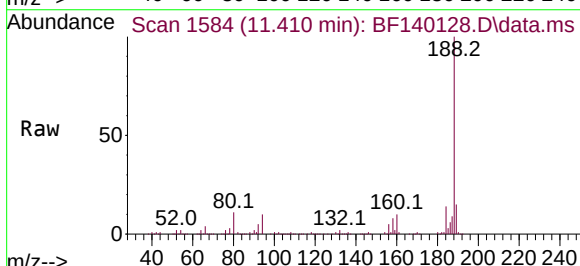
Tgt Ion:188 Resp: 349852

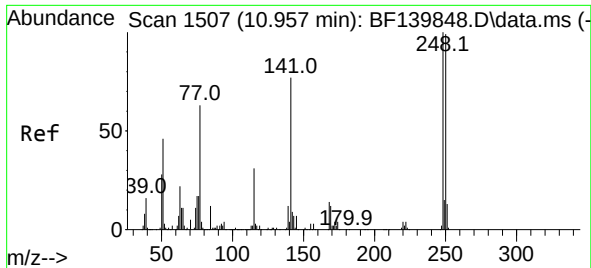
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

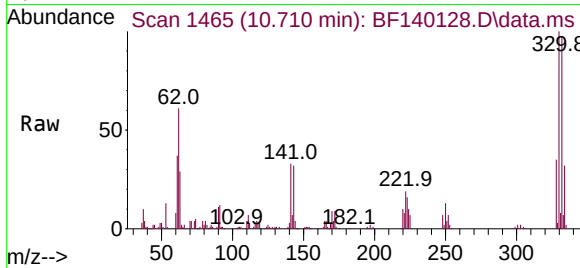
80 10.7 9.0 13.4



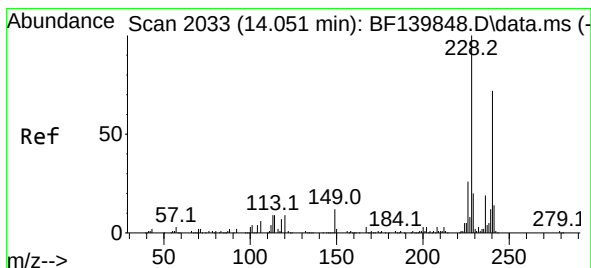
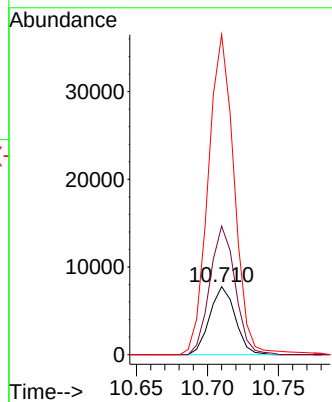
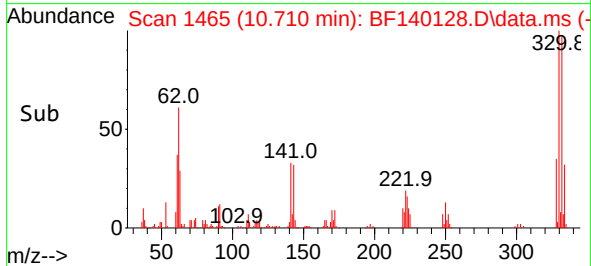


#67
4-Bromophenyl-phenylether
Concen: 2.688 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

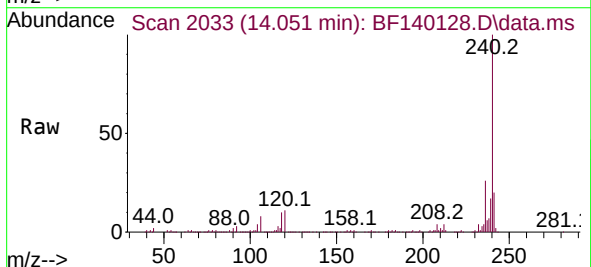
Instrument :
BNA_F
ClientSampleId :
BP-F12



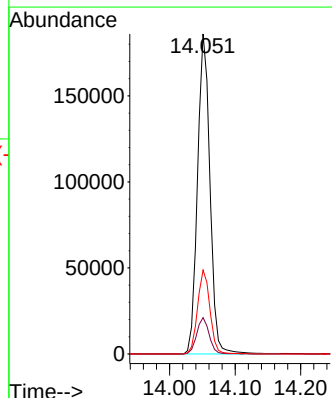
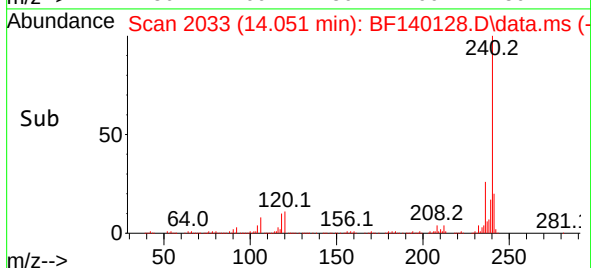
Tgt Ion:248 Resp: 9689
Ion Ratio Lower Upper
248 100
250 189.3 79.0 118.6#
141 470.8 61.7 92.5#

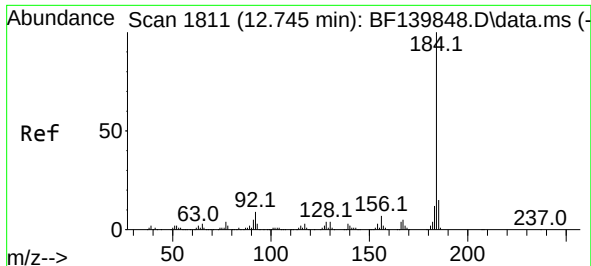


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31



Tgt Ion:240 Resp: 245891
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 26.2 20.9 31.3

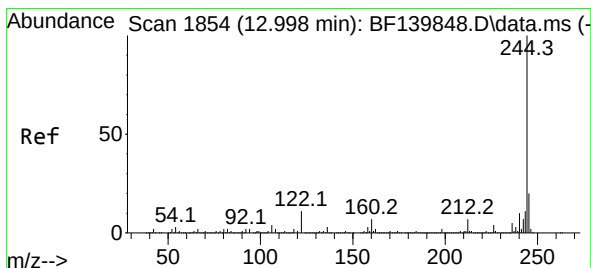
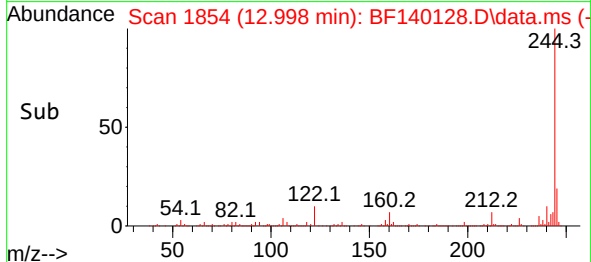
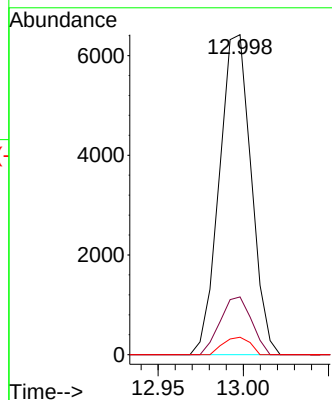
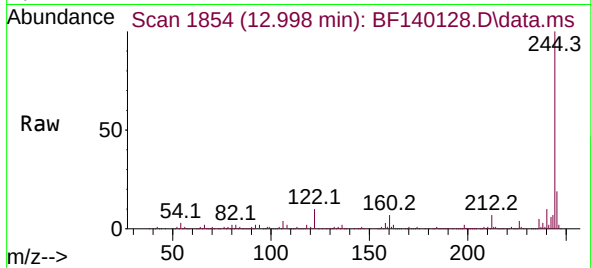




#77
Benzidine
Concen: 2.067 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

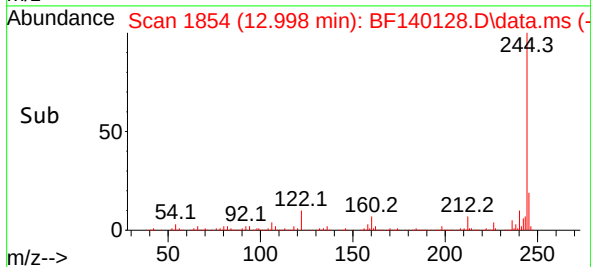
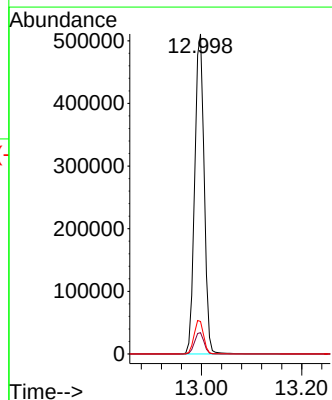
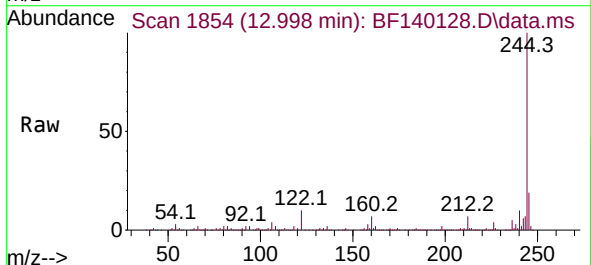
Instrument :
BNA_F
ClientSampleId :
BP-F12

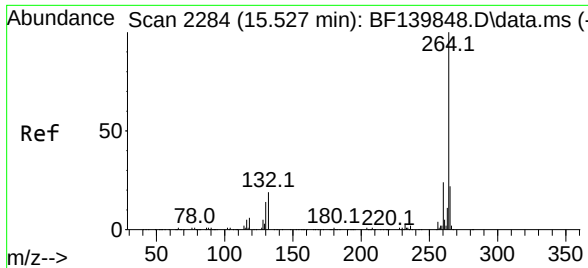
Tgt Ion:184 Resp: 8358
Ion Ratio Lower Upper
184 100
185 18.0 12.0 18.0#
183 5.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 44.026 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

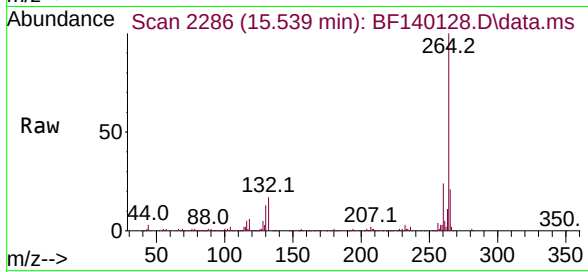
Tgt Ion:244 Resp: 664365
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.1 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140128.D
Acq: 29 Oct 2024 22:31

Instrument :
BNA_F
ClientSampleId :
BP-F12



Tgt Ion:	264	Resp:	234454
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.4	17.4	26.0

