

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140620.D
 Acq On : 25 Nov 2024 22:55
 Operator : RC/JU
 Sample : P4860-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-003

Quant Time: Nov 26 00:11:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

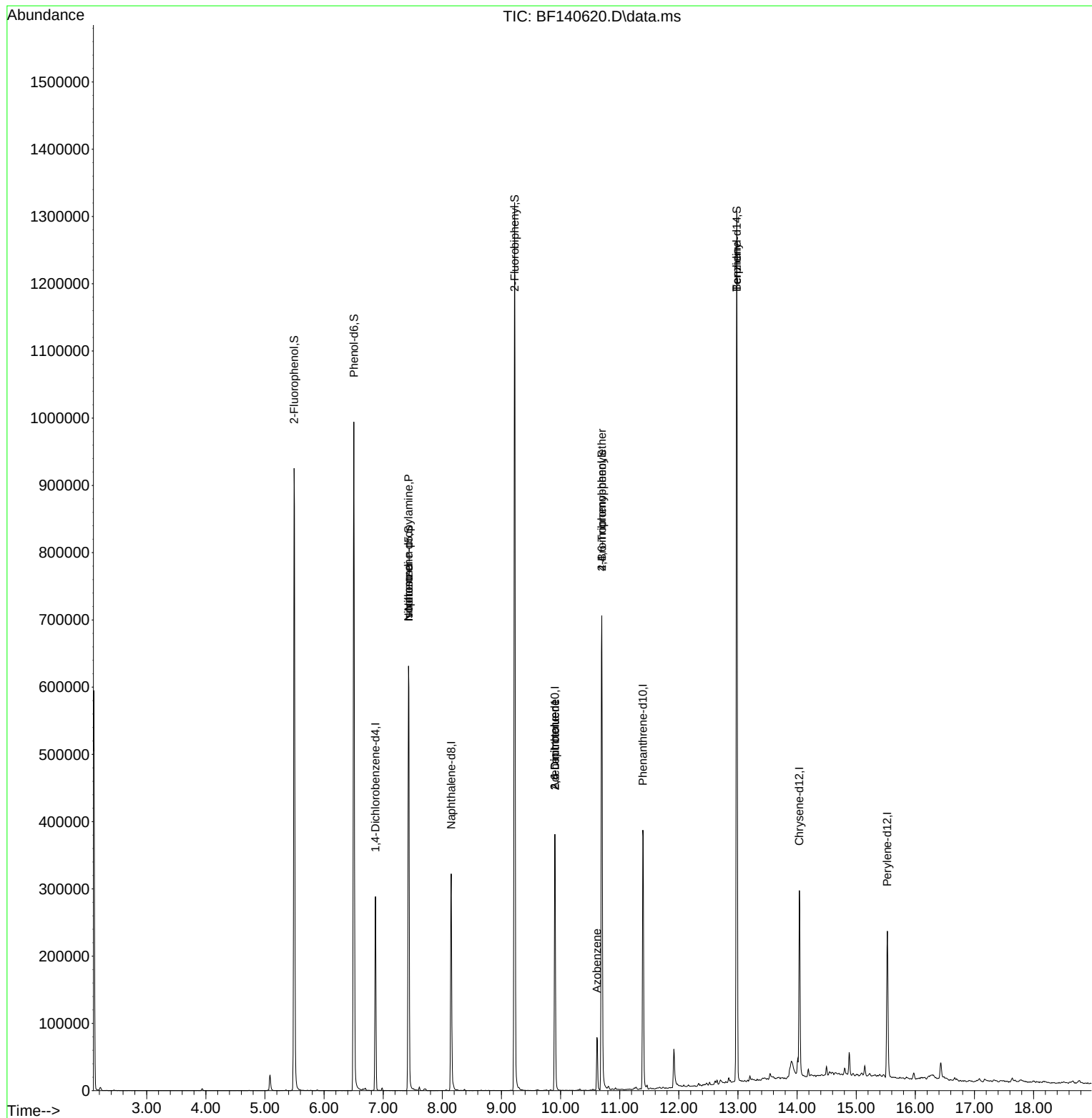
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	59191	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	215928	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	117690	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	222510	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	134073	20.000	ng	-0.01
86) Perylene-d12	15.527	264	132029	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	353591	101.924	ng	0.00
7) Phenol-d6	6.504	99	462361	100.814	ng	-0.01
23) Nitrobenzene-d5	7.428	82	297146	70.390	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	128817	102.341	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	578560	73.245	ng	-0.01
79) Terphenyl-d14	12.980	244	625576	72.655	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	39749	14.665	ng	# 75
25) Isophorone	7.428	82	292692	41.569	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	14799	8.419	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	14799	6.334	ng	# 17
63) Azobenzene	10.616	77	22922	3.074	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7997	3.490	ng	# 1
77) Benzidine	12.980	184	9191	2.358	ng	# 95

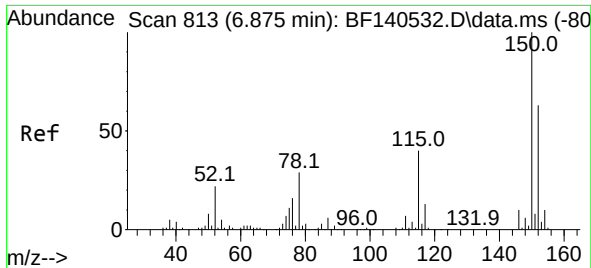
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140620.D
Acq On : 25 Nov 2024 22:55
Operator : RC/JU
Sample : P4860-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

Quant Time: Nov 26 00:11:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

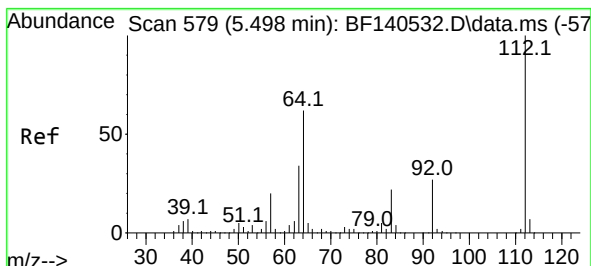
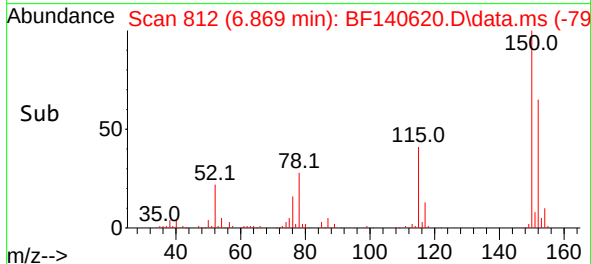
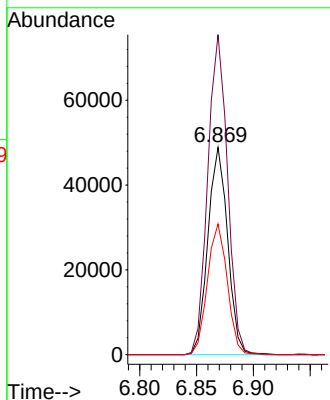
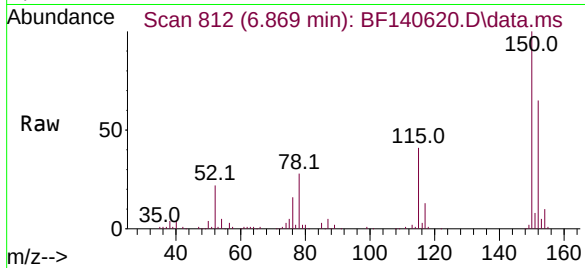




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

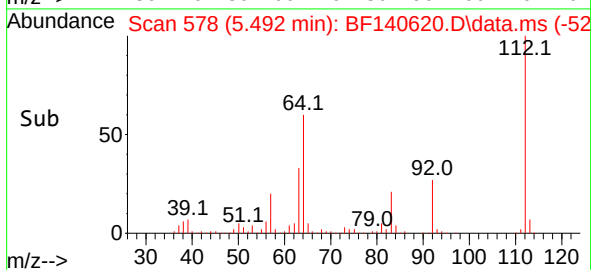
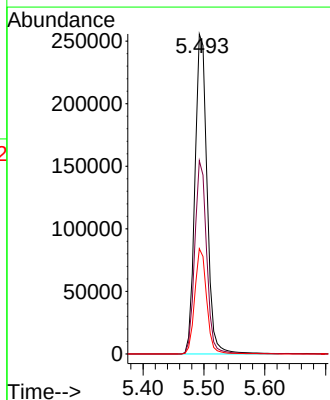
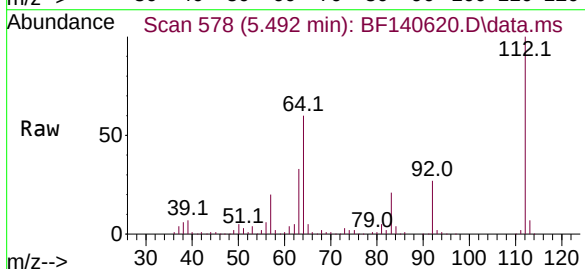
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

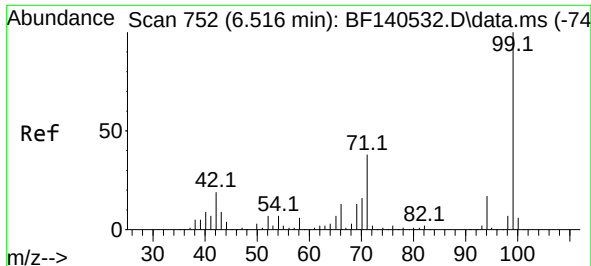
Tgt Ion:152 Resp: 59191
Ion Ratio Lower Upper
152 100
150 154.3 128.5 192.7
115 63.0 50.2 75.4



#5
2-Fluorophenol
Concen: 101.924 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Tgt Ion:112 Resp: 353591
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 32.9 27.0 40.4

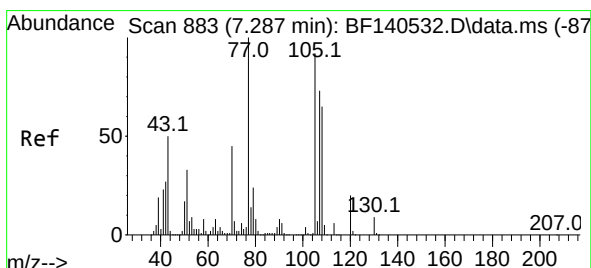
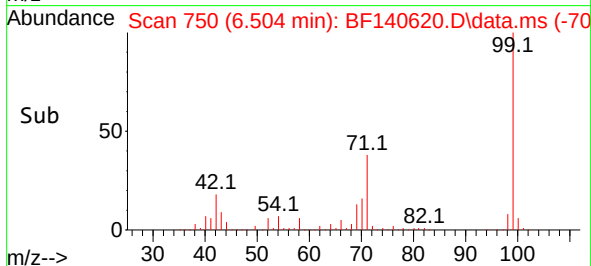
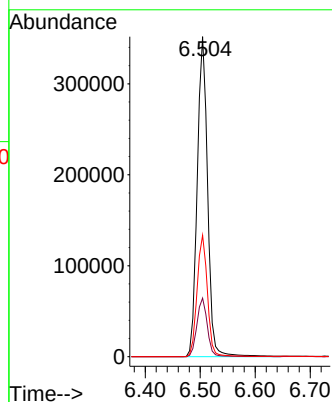
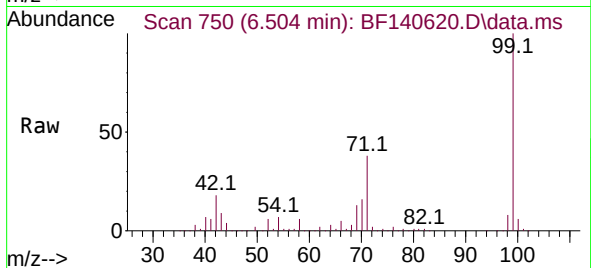




#7
Phenol-d6
Concen: 100.814 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

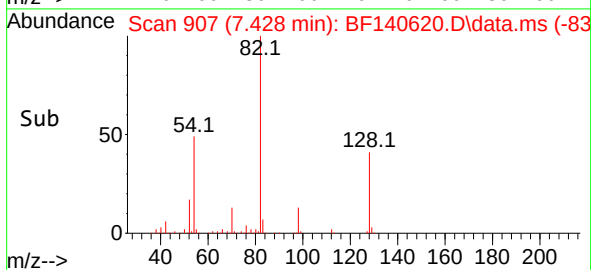
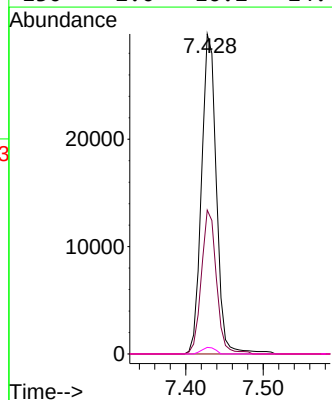
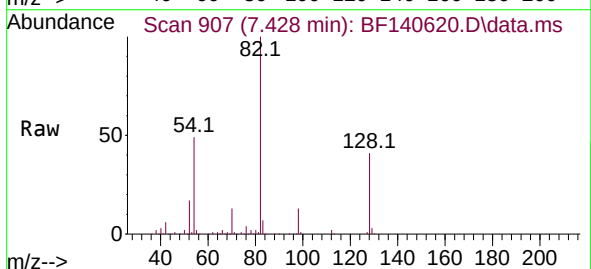
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

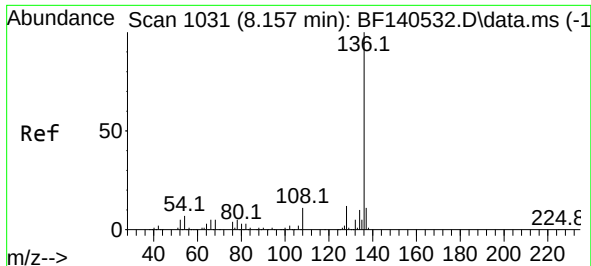
Tgt Ion: 99 Resp: 462361
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.665 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Tgt Ion: 70 Resp: 39749
Ion Ratio Lower Upper
70 100
42 44.9 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#



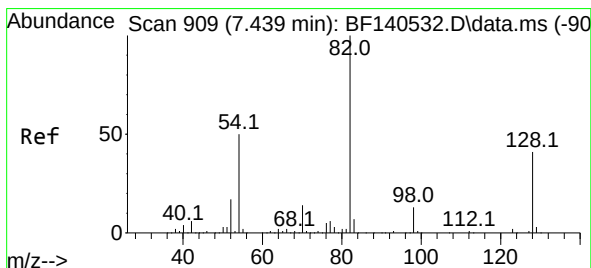
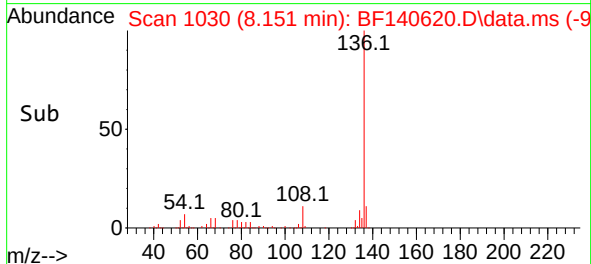
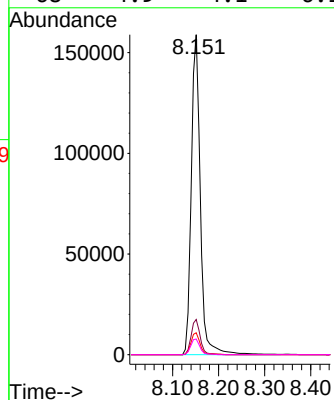
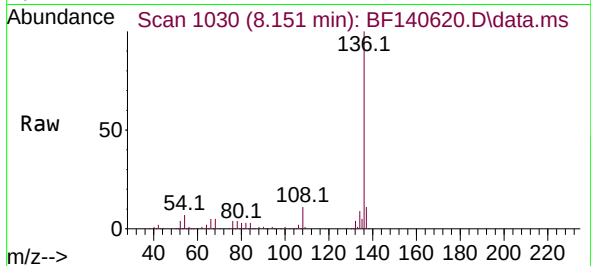


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

Tgt Ion:136 Resp: 215928

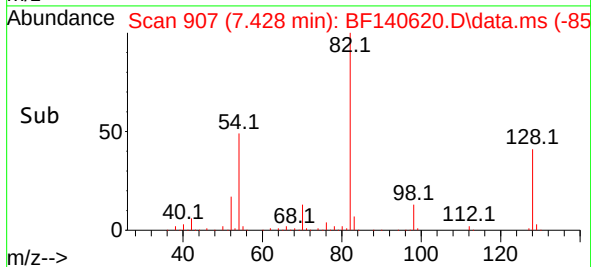
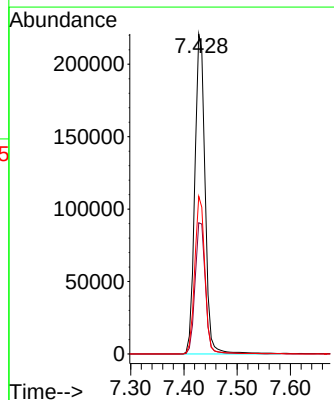
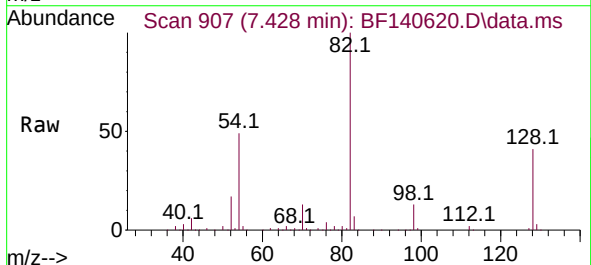
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.8	5.8	8.8
68	4.9	4.1	6.1

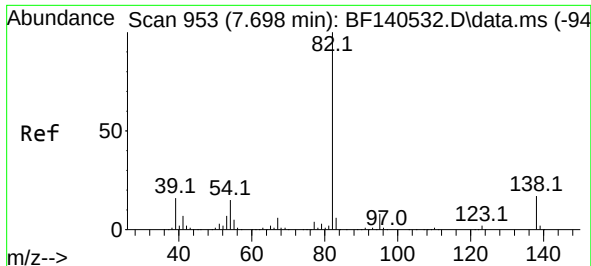


#23
Nitrobenzene-d5
Concen: 70.390 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Tgt Ion: 82 Resp: 297146

Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.0	49.4
54	49.2	39.5	59.3

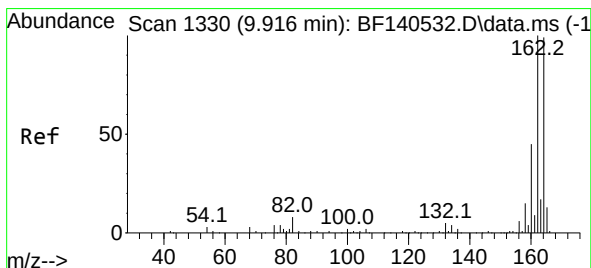
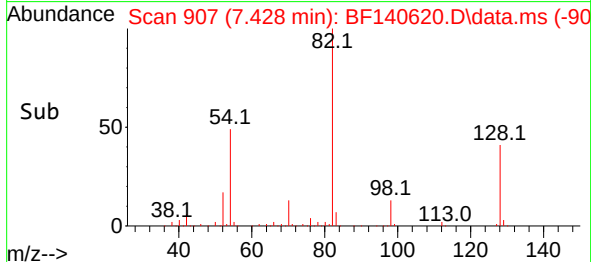
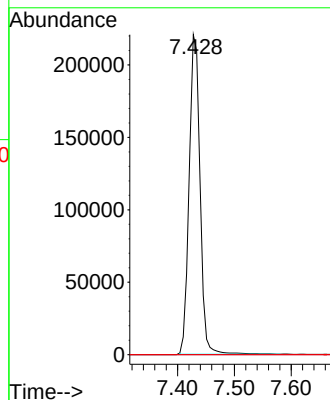
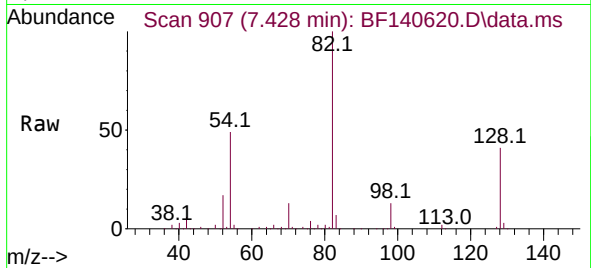




#25
Isophorone
Concen: 41.569 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

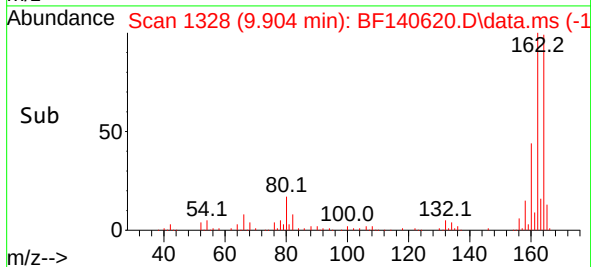
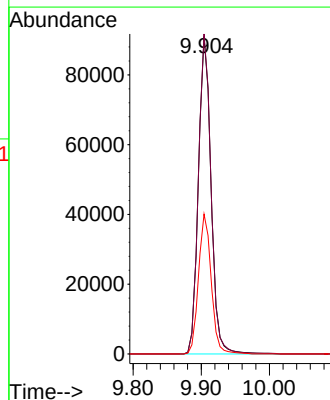
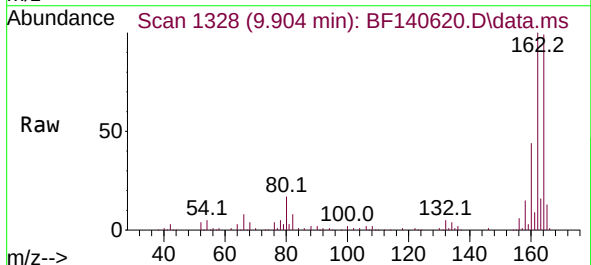
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

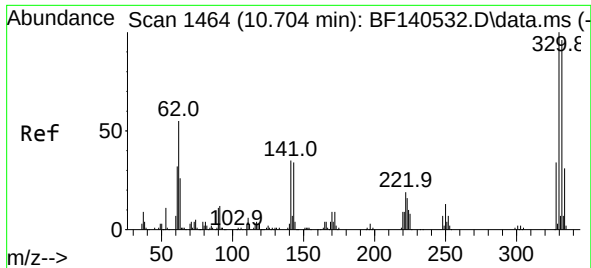
Tgt Ion: 82 Resp: 292692
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

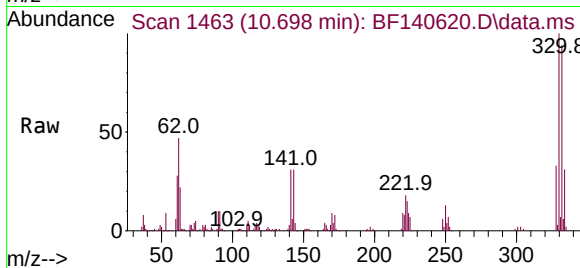
Tgt Ion:164 Resp: 117690
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.1 36.2 54.4



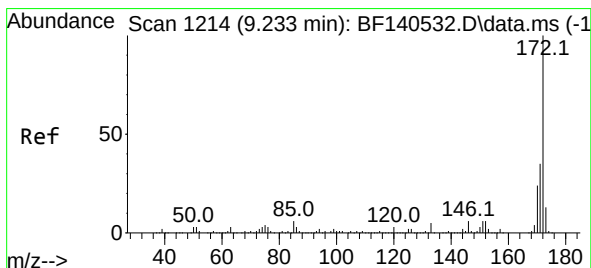
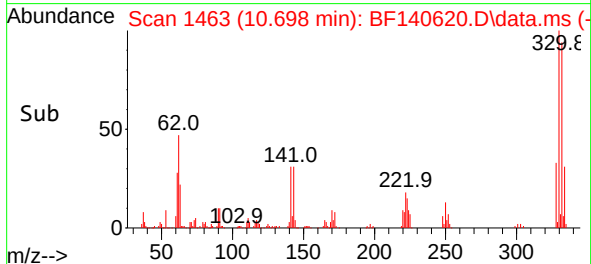
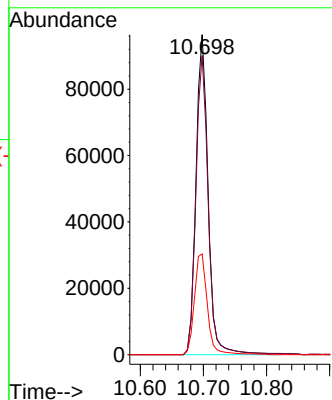


#42
2,4,6-Tribromophenol
Concen: 102.341 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

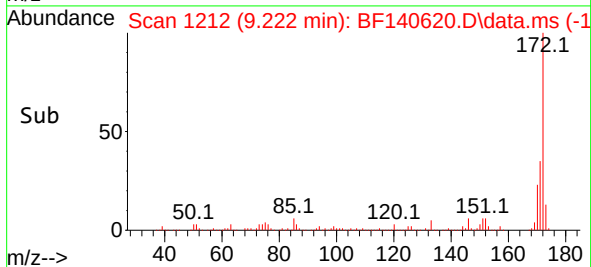
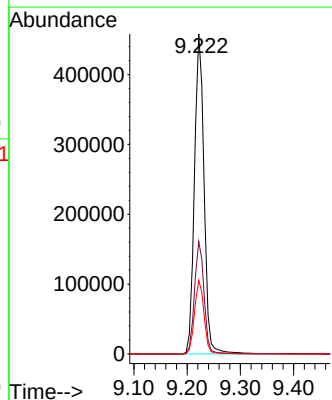
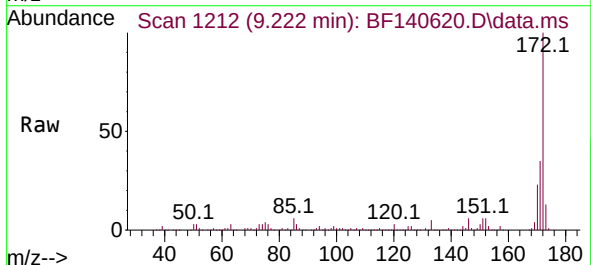


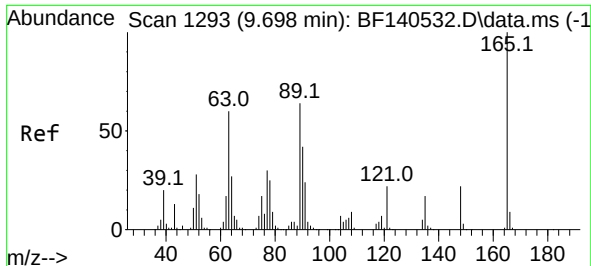
Tgt Ion:330 Resp: 128817
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 33.6 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 73.245 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Tgt Ion:172 Resp: 578560
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.419 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140620.D

Acq: 25 Nov 2024 22:55

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-003

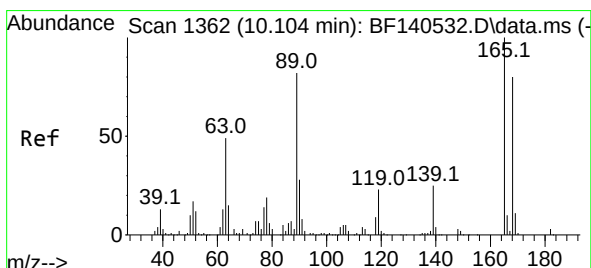
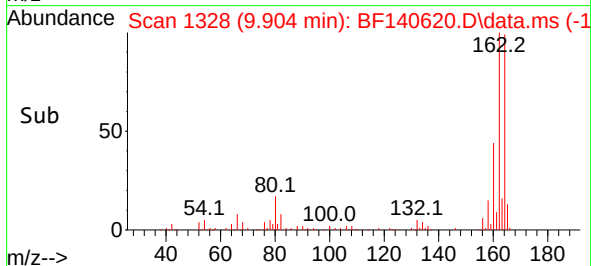
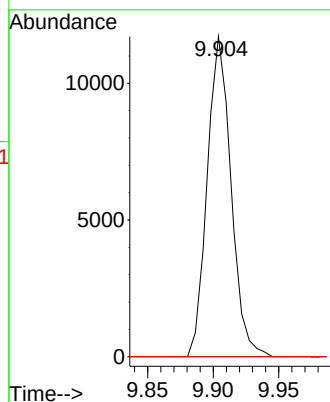
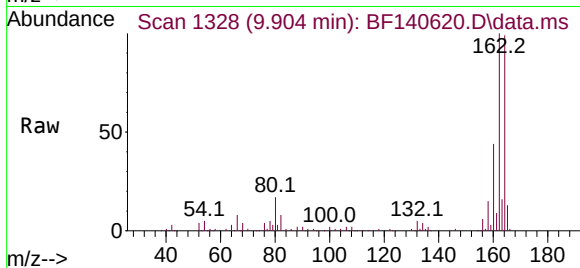
Tgt Ion:165 Resp: 14799

Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 0.0 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.334 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140620.D

Acq: 25 Nov 2024 22:55

Tgt Ion:165 Resp: 14799

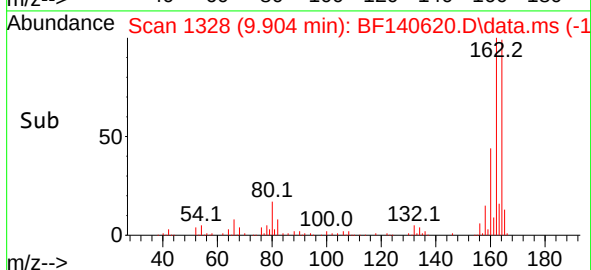
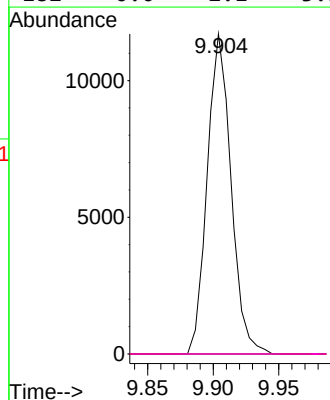
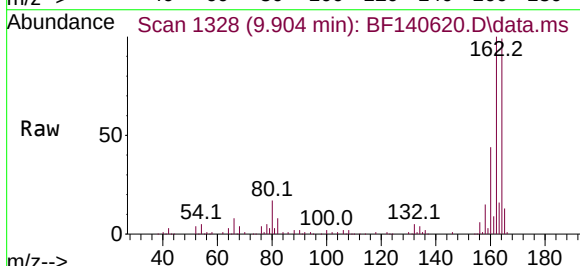
Ion Ratio Lower Upper

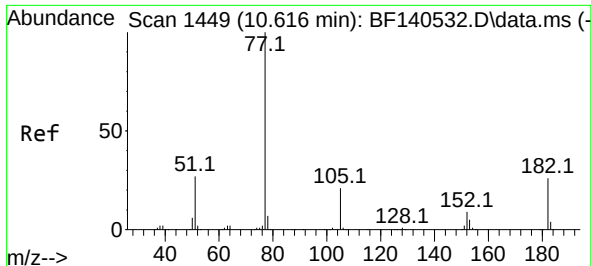
165 100

63 0.0 41.7 62.5#

89 0.0 65.8 98.8#

182 0.0 2.1 3.1#

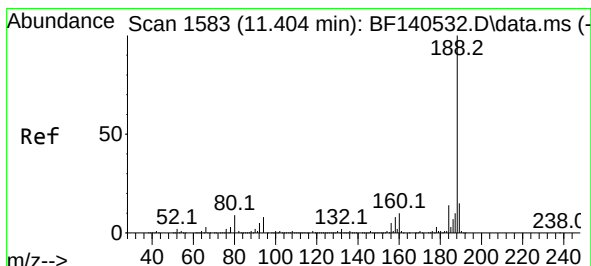
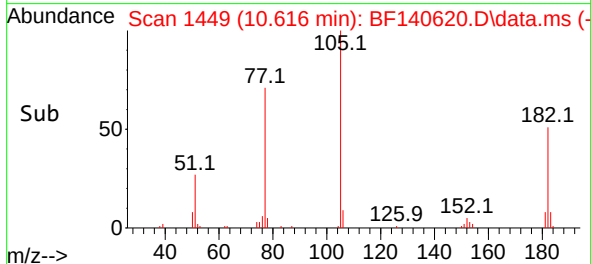
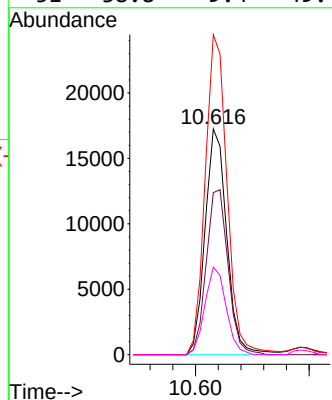
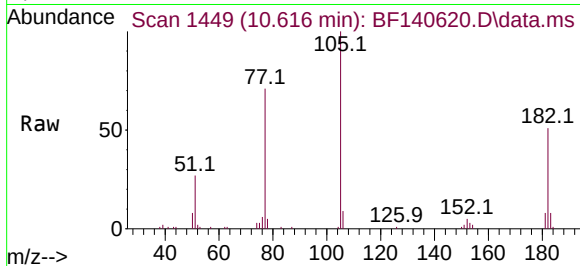




#63
Azobenzene
Concen: 3.074 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

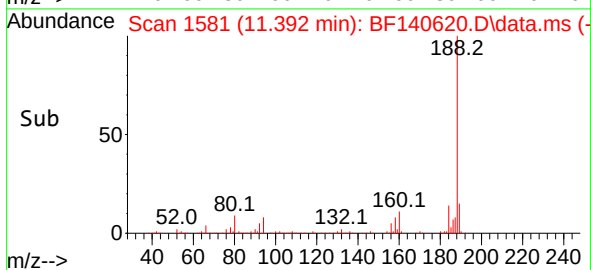
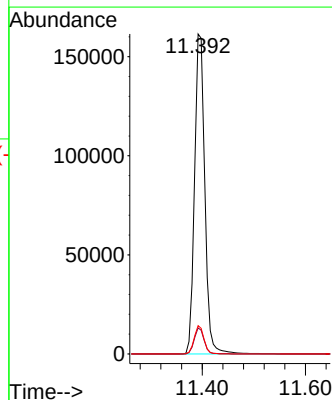
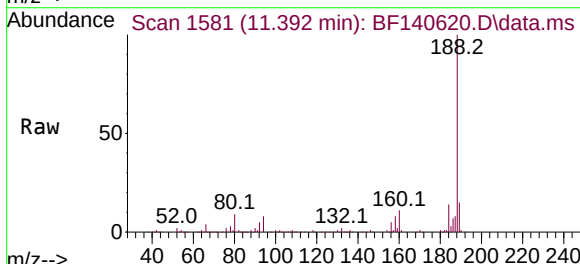
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

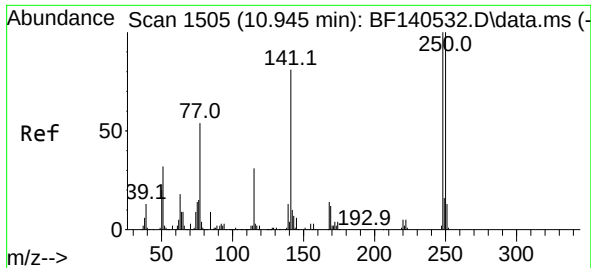
Tgt Ion: 77	Resp: 22922
Ion Ratio	Lower Upper
77 100	
182 71.8	5.3 45.3#
105 141.8	0.3 40.3#
51 38.8	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Tgt Ion: 188	Resp: 222510
Ion Ratio	Lower Upper
188 100	
94 8.1	6.4 9.6
80 8.8	6.9 10.3

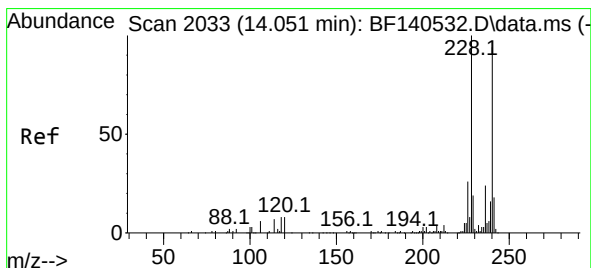
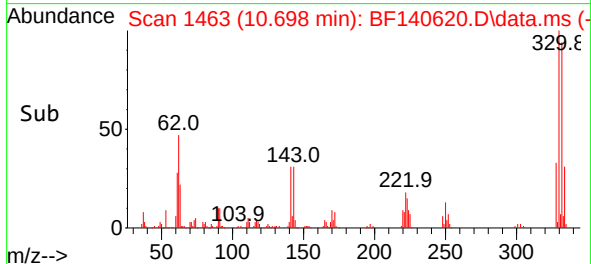
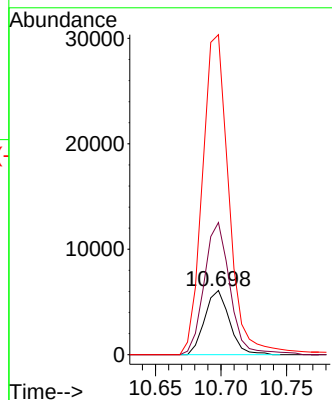
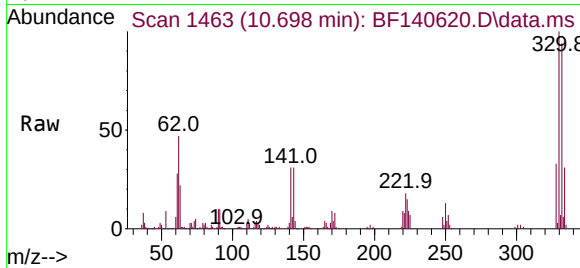




#67
4-Bromophenyl-phenylether
Concen: 3.490 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

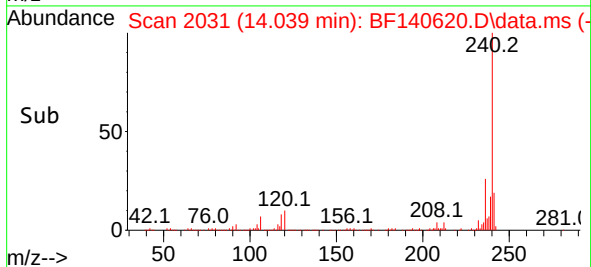
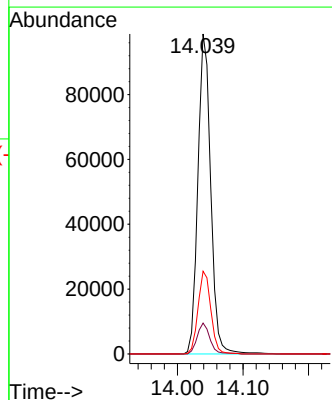
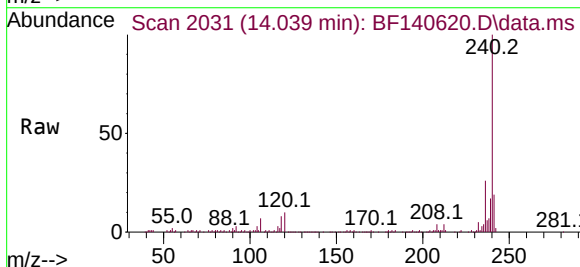
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

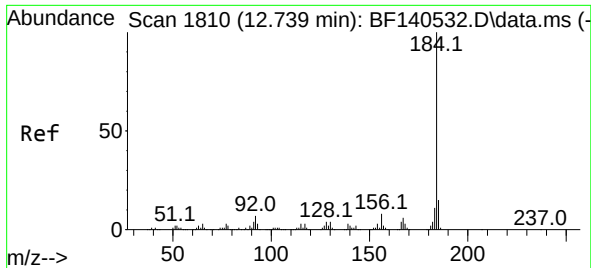
Tgt Ion:248 Resp: 7997
Ion Ratio Lower Upper
248 100
250 205.8 79.8 119.8#
141 498.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Tgt Ion:240 Resp: 134073
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 25.8 20.6 31.0

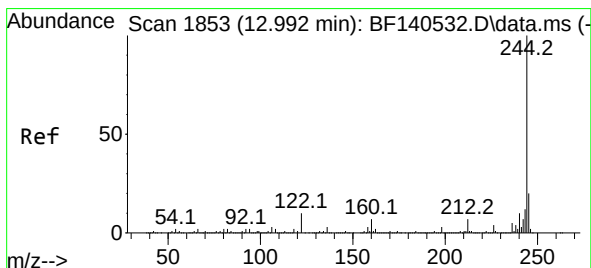
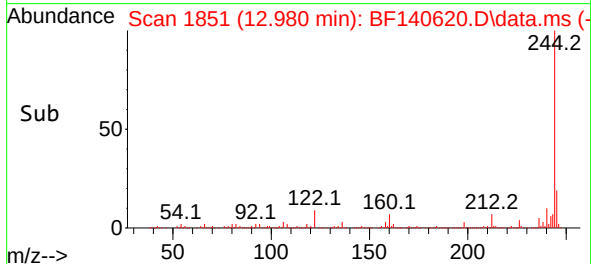
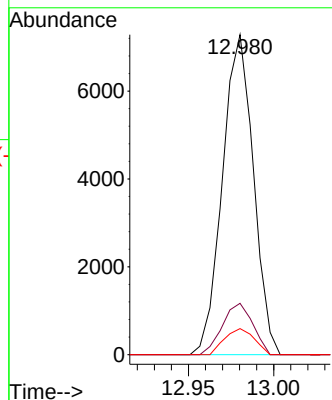
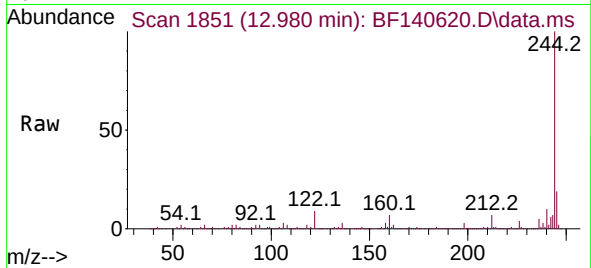




#77
Benzidine
Concen: 2.358 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

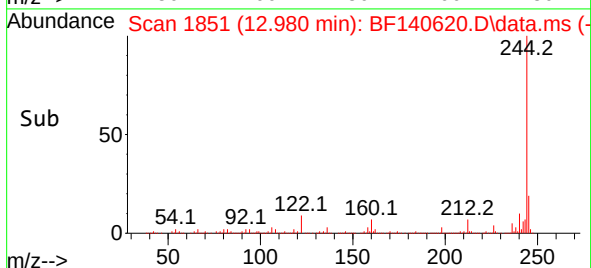
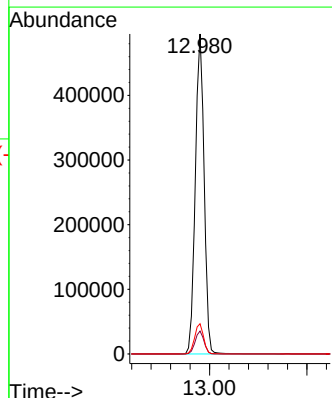
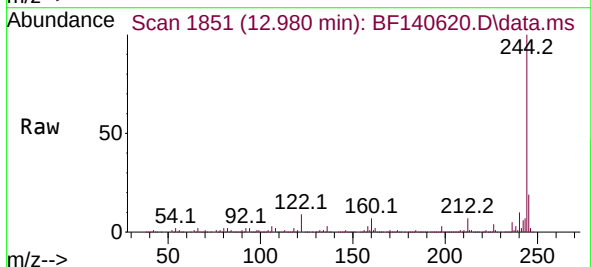
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

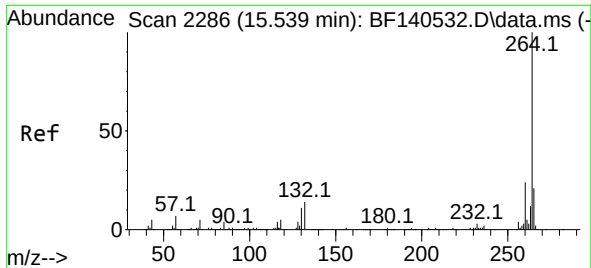
Tgt Ion:184 Resp: 9191
Ion Ratio Lower Upper
184 100
185 16.1 11.7 17.5
183 8.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 72.655 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Tgt Ion:244 Resp: 625576
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.5 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140620.D
Acq: 25 Nov 2024 22:55

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-003

Tgt Ion:264 Resp: 132029

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.6	16.6	25.0

