

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140622.D
 Acq On : 25 Nov 2024 23:48
 Operator : RC/JU
 Sample : P4860-03RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-002

Quant Time: Nov 26 02:01:11 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)

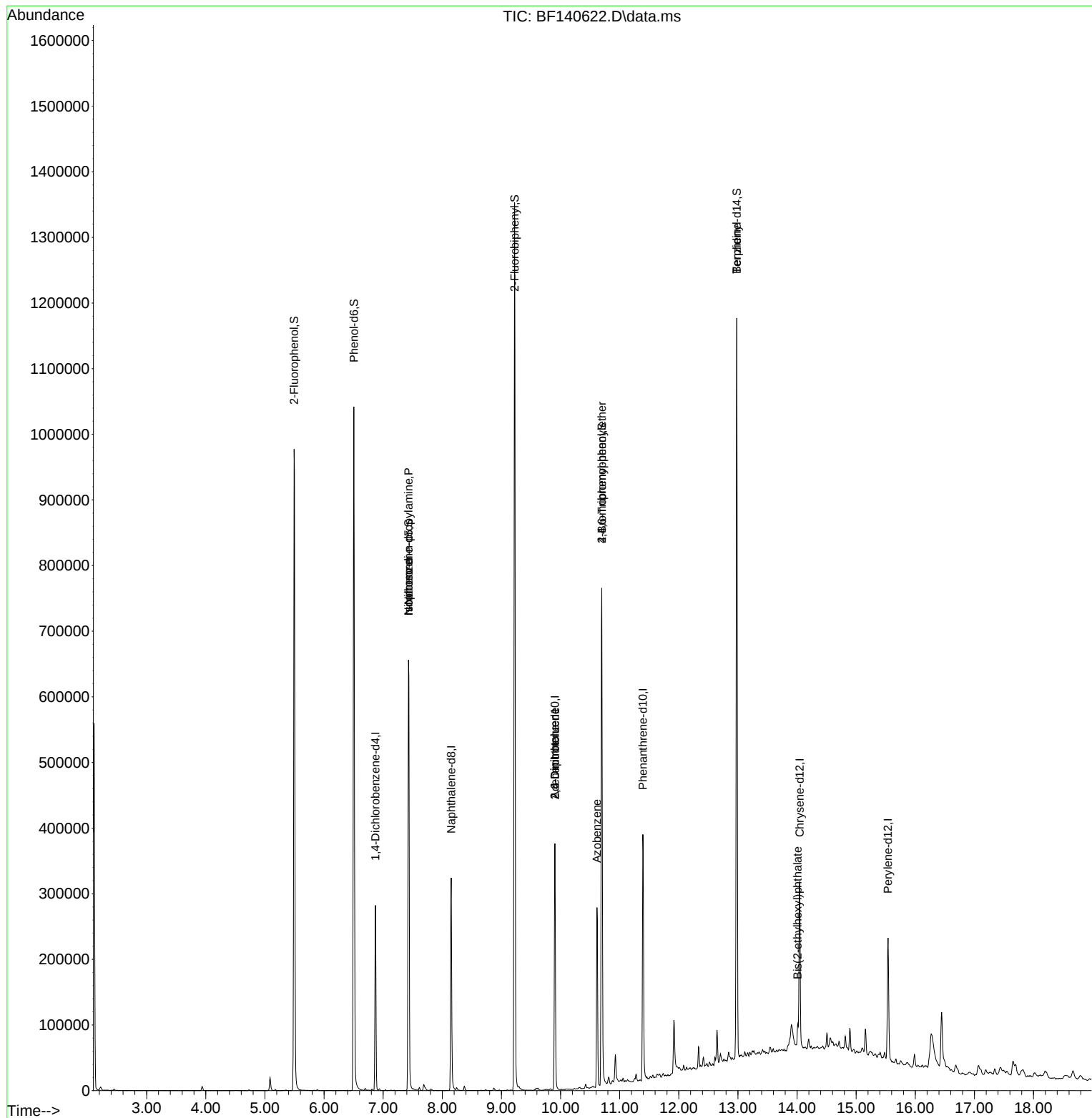
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57850	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	212247	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	114728	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	210520	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	124009	20.000	ng	0.00
86) Perylene-d12	15.539	264	108011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	374327	110.403	ng	0.00
7) Phenol-d6	6.504	99	483782	107.929	ng	-0.01
23) Nitrobenzene-d5	7.428	82	308203	74.275	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	133550	108.841	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	596040	77.406	ng	-0.01
79) Terphenyl-d14	12.980	244	551608	69.263	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	41150	15.534	ng	# 77
25) Isophorone	7.428	82	303861	43.904	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	15049	8.782	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	15049	6.608	ng	# 17
63) Azobenzene	10.616	77	74570	10.257	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8471	3.907	ng	# 1
77) Benzidine	12.980	184	7999	2.219	ng	# 91
84) Bis(2-ethylhexyl)phtha...	14.010	149	14506	2.781	ng	98

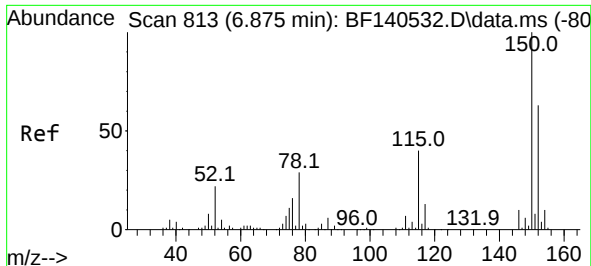
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140622.D
Acq On : 25 Nov 2024 23:48
Operator : RC/JU
Sample : P4860-03RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

Quant Time: Nov 26 02:01:11 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

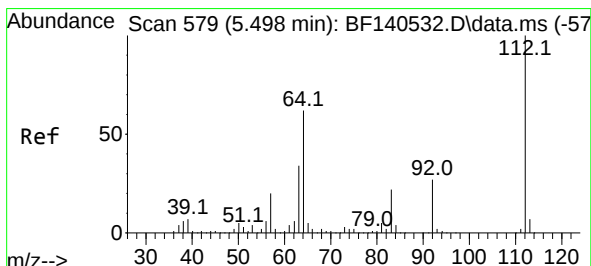
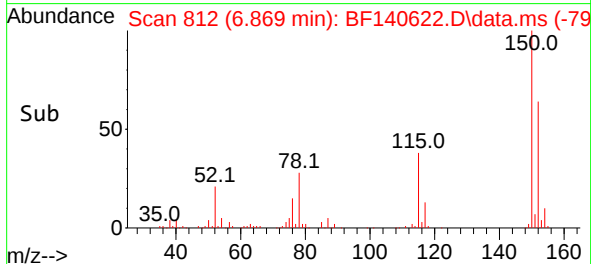
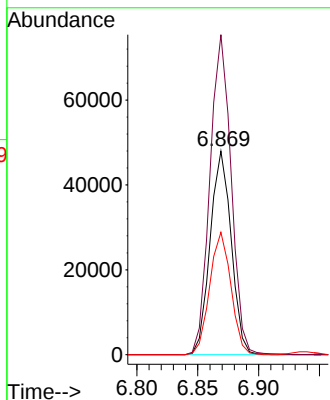
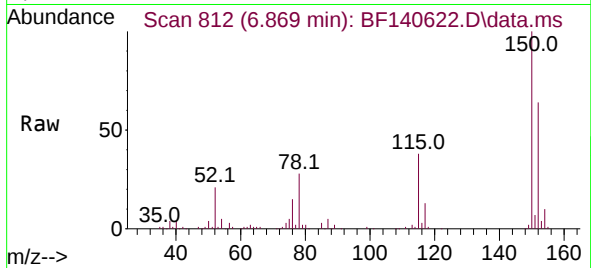




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

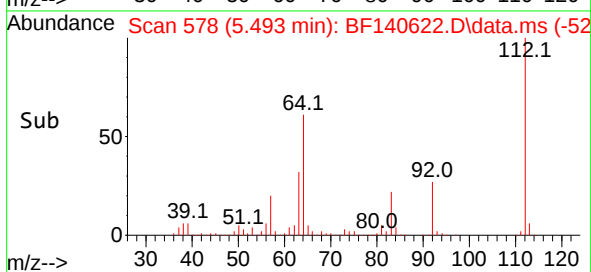
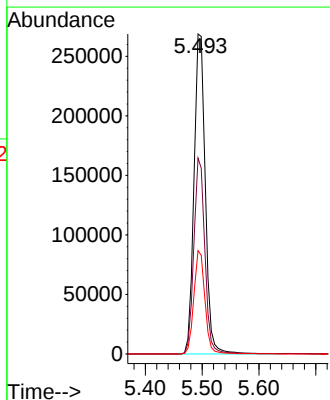
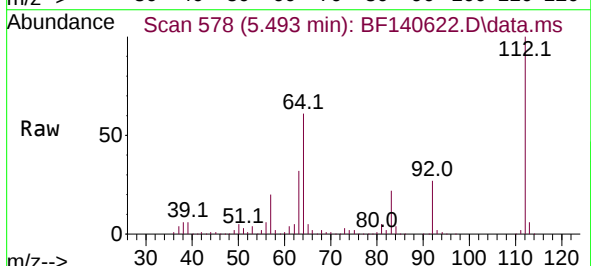
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

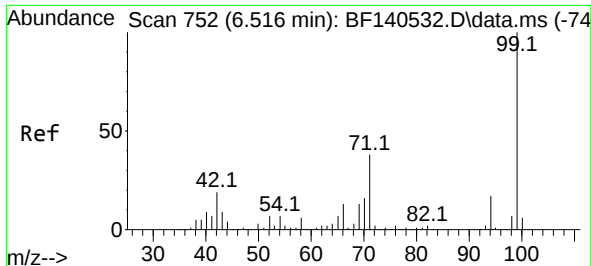
Tgt Ion:152 Resp: 57850
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 60.1 50.2 75.4



#5
2-Fluorophenol
Concen: 110.403 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

Tgt Ion:112 Resp: 374327
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.3 27.0 40.4

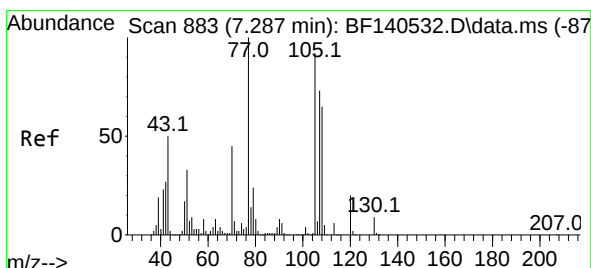
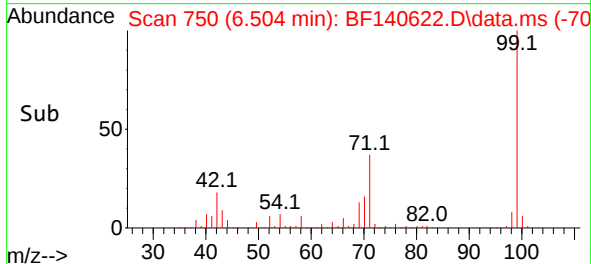
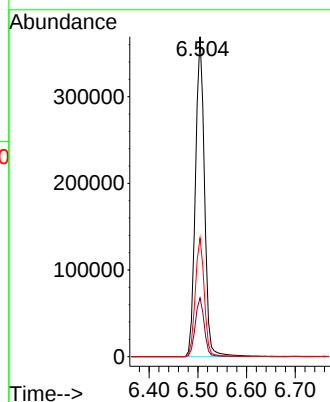
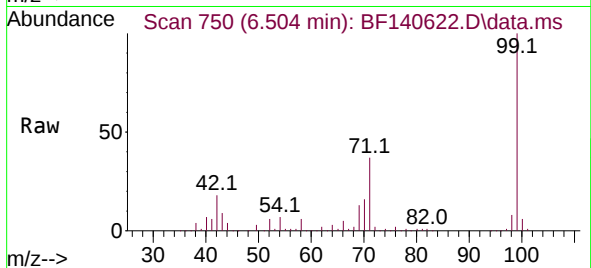




#7
Phenol-d6
Concen: 107.929 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

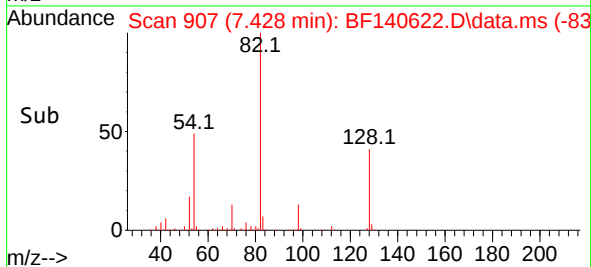
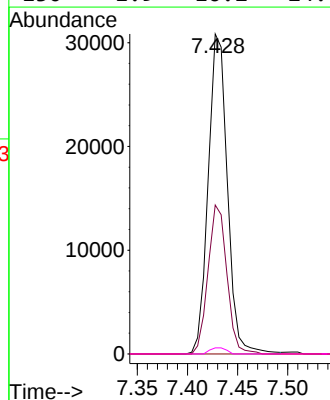
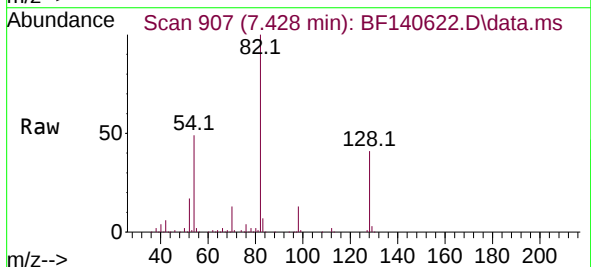
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

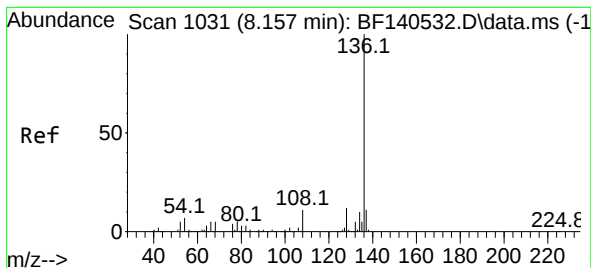
Tgt Ion: 99 Resp: 483782
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.534 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

Tgt Ion: 70 Resp: 41150
Ion Ratio Lower Upper
70 100
42 46.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-002

Tgt Ion:136 Resp: 212247

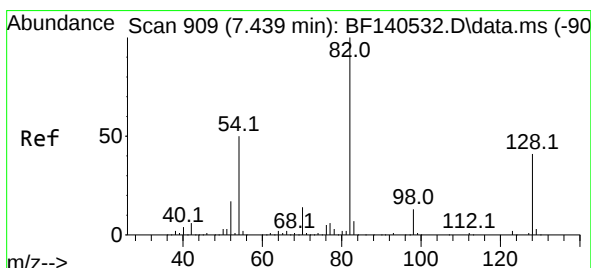
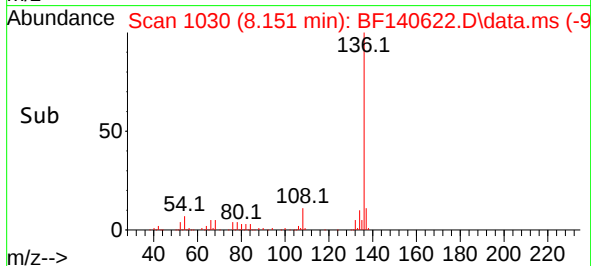
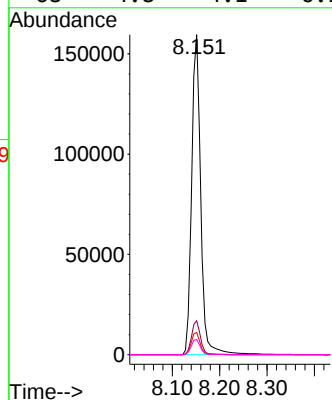
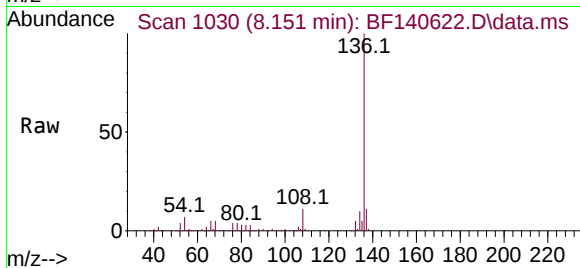
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.9 5.8 8.8

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 74.275 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

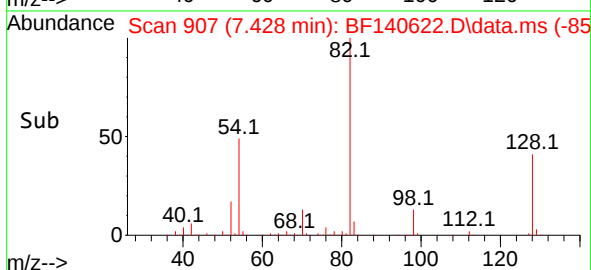
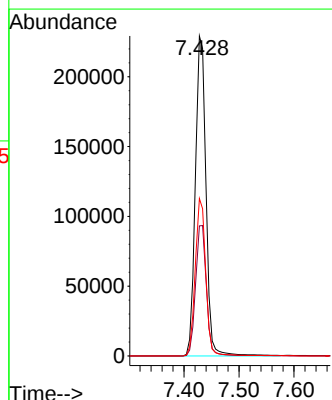
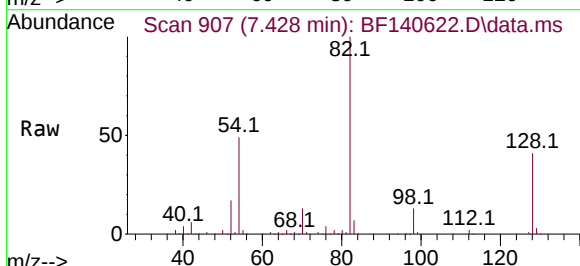
Tgt Ion: 82 Resp: 308203

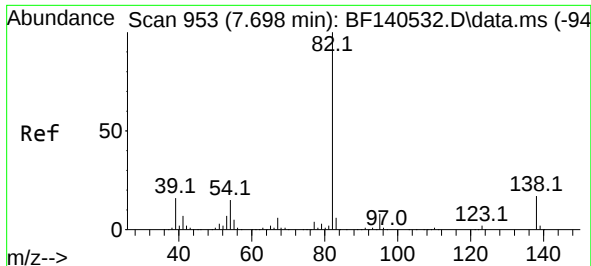
Ion Ratio Lower Upper

82 100

128 40.6 33.0 49.4

54 49.2 39.5 59.3

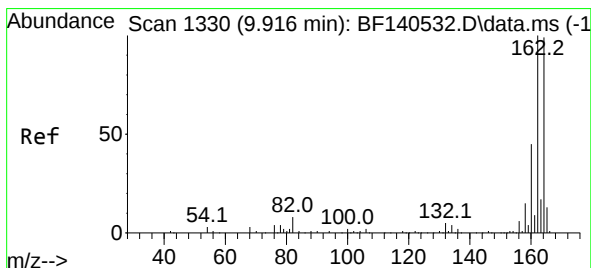
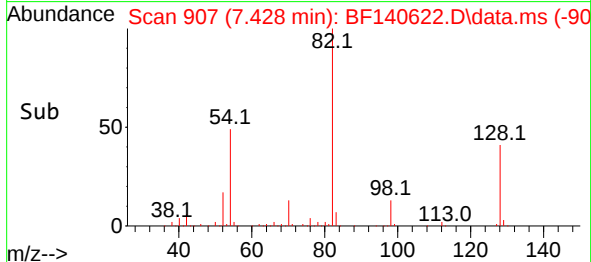
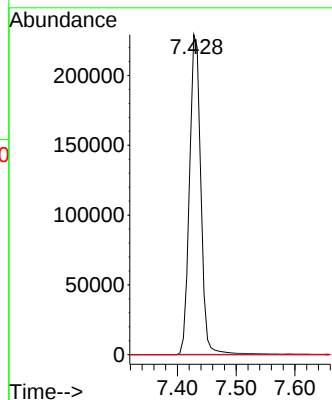
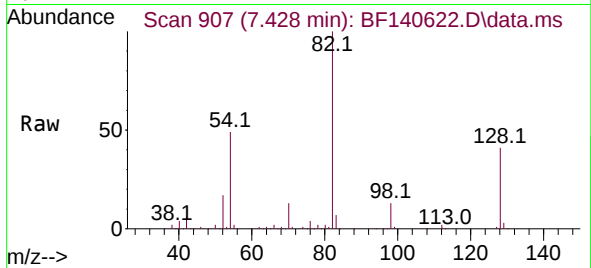




#25
Isophorone
Concen: 43.904 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

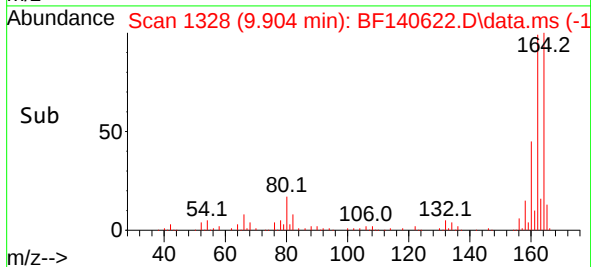
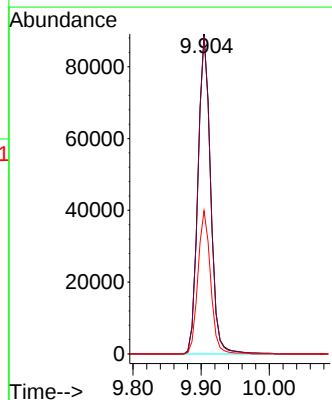
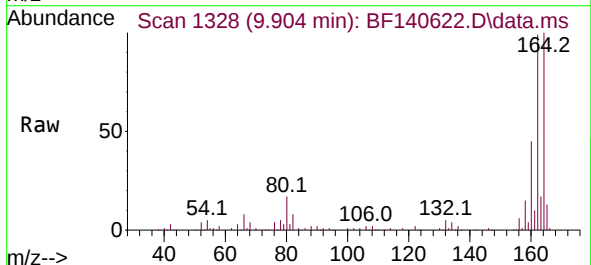
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

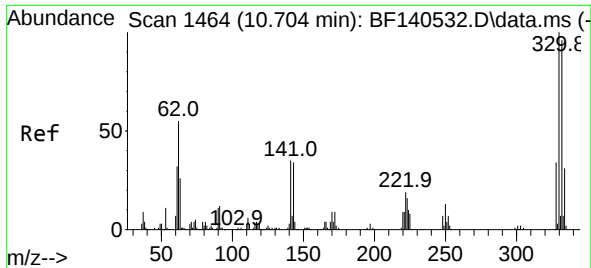
Tgt Ion: 82 Resp: 303861
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

Tgt Ion: 164 Resp: 114728
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 44.7 36.2 54.4

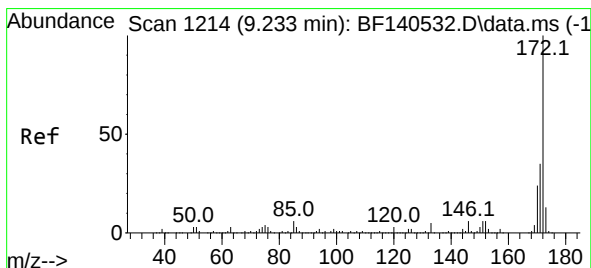
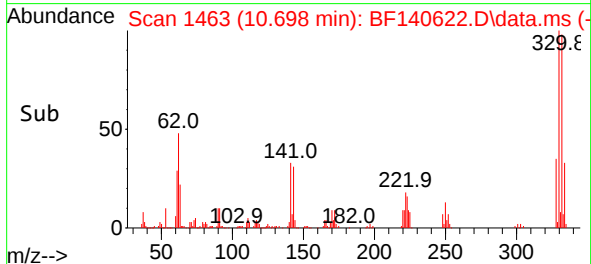
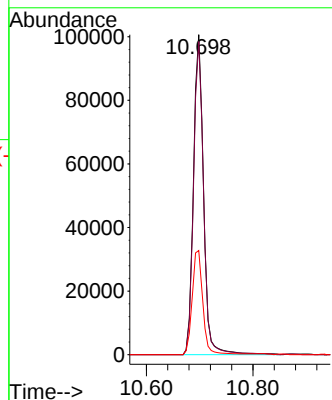
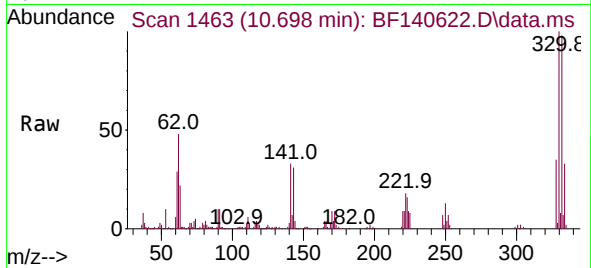




#42
2,4,6-Tribromophenol
Concen: 108.841 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

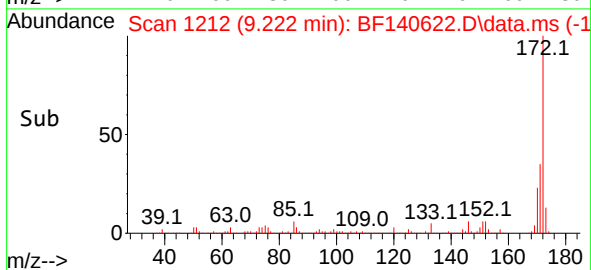
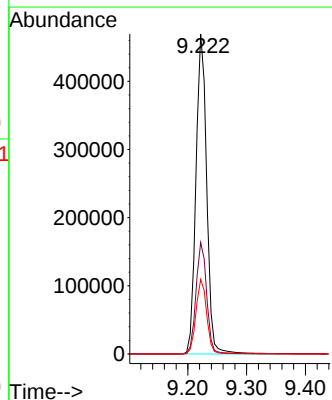
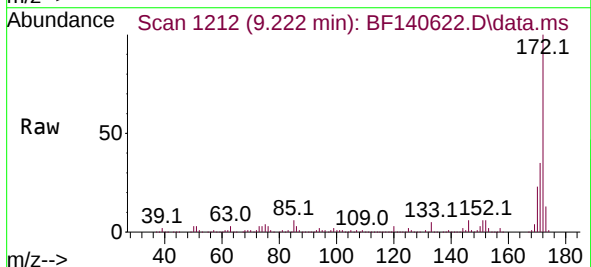
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

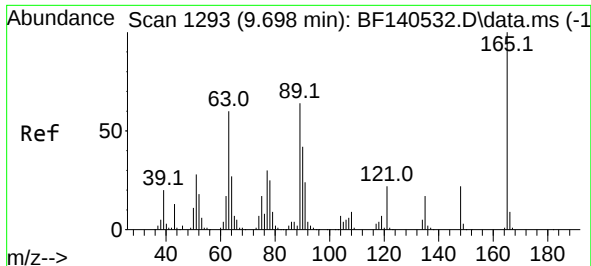
Tgt Ion:330 Resp: 133550
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 34.2 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 77.406 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

Tgt Ion:172 Resp: 596040
Ion Ratio Lower Upper
172 100
171 34.8 28.4 42.6
170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.782 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-002

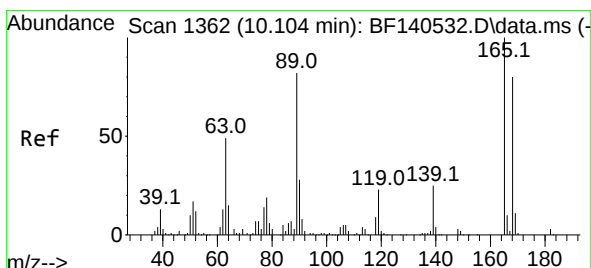
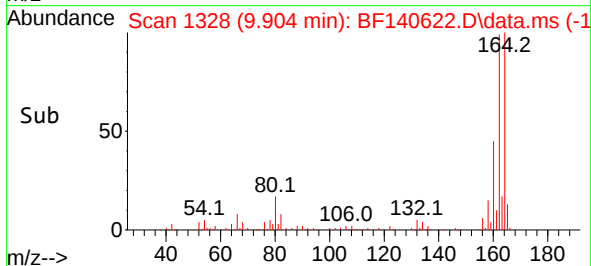
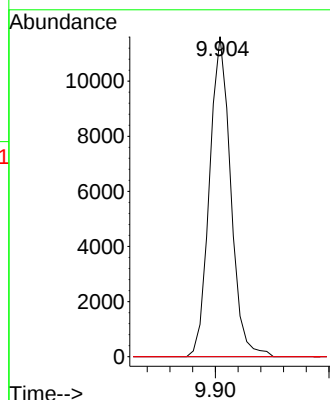
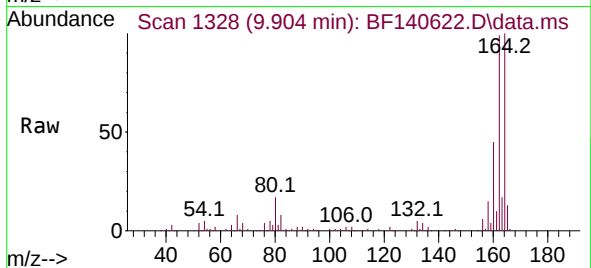
Tgt Ion:165 Resp: 15049

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: 6.608 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Tgt Ion:165 Resp: 15049

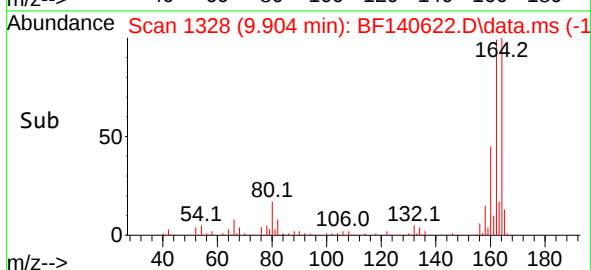
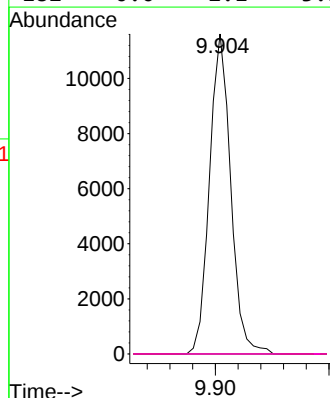
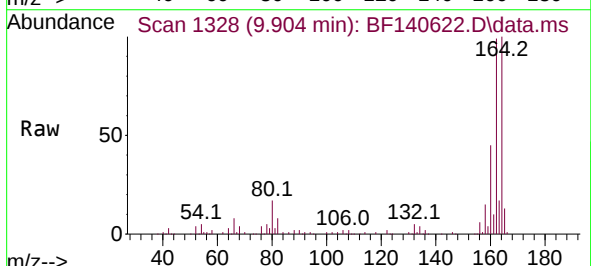
Ion Ratio Lower Upper

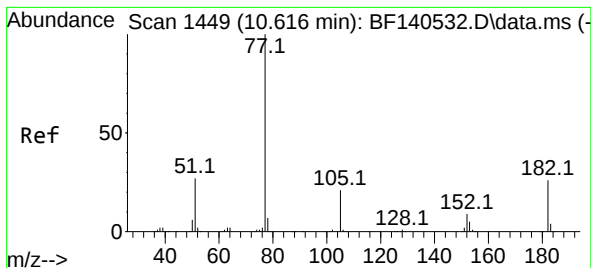
165 100

63 0.0 41.7 62.5#

89 0.0 65.8 98.8#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 10.257 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140622.D

Acq: 25 Nov 2024 23:48

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-002

Tgt Ion: 77 Resp: 74570

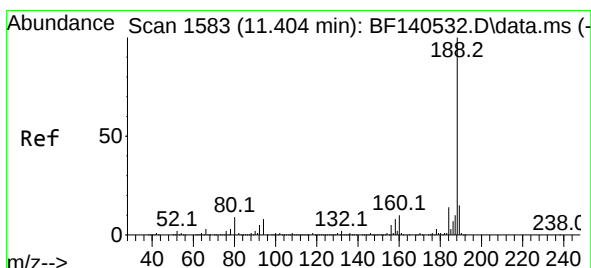
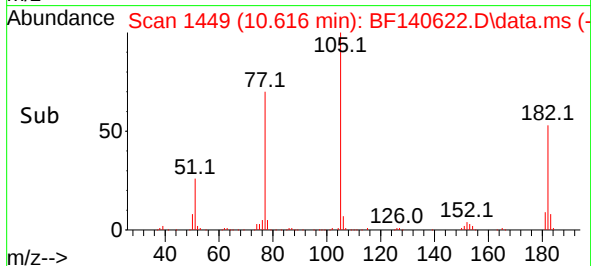
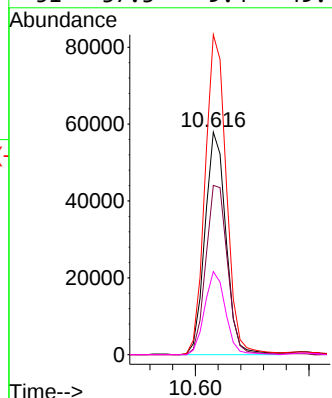
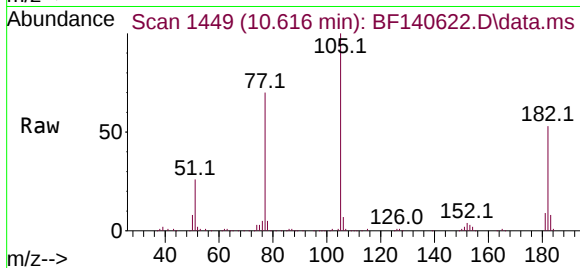
Ion Ratio Lower Upper

77 100

182 76.0 5.3 45.3#

105 143.8 0.3 40.3#

51 37.3 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: BF140622.D

Acq: 25 Nov 2024 23:48

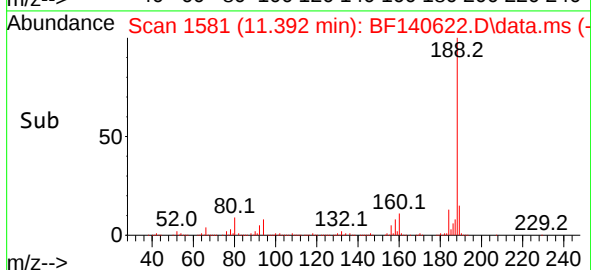
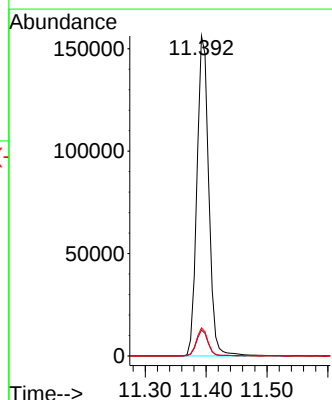
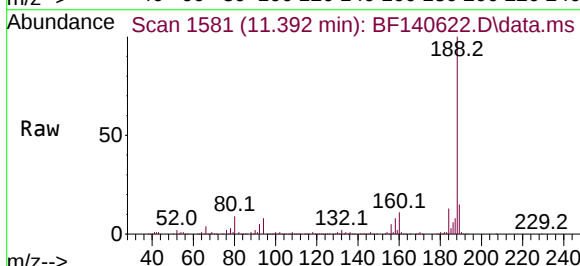
Tgt Ion: 188 Resp: 210520

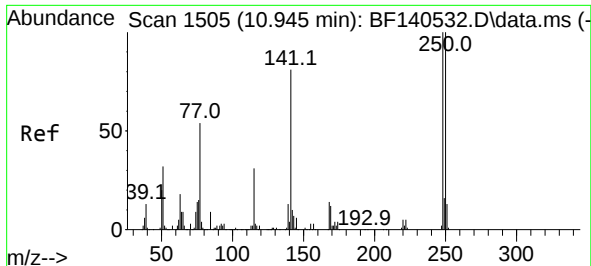
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.8 6.9 10.3

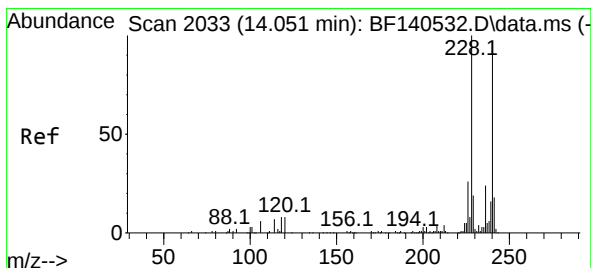
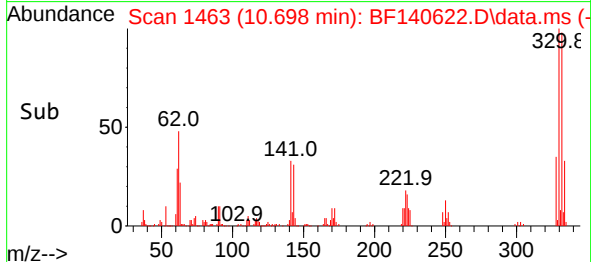
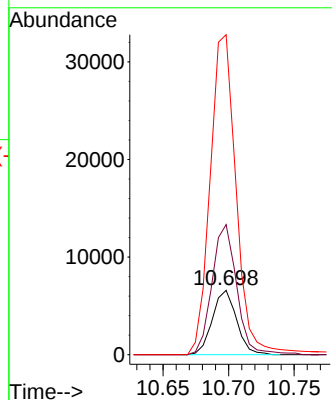
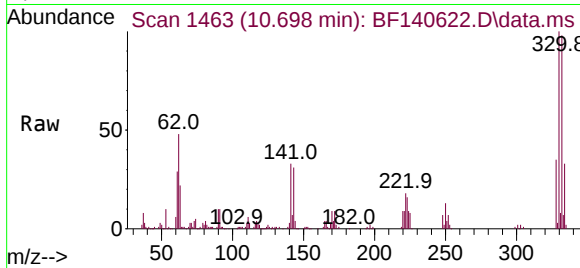




#67
4-Bromophenyl-phenylether
Concen: 3.907 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

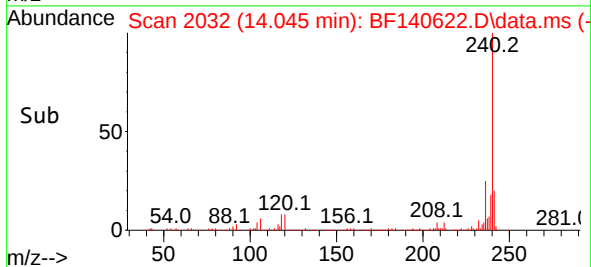
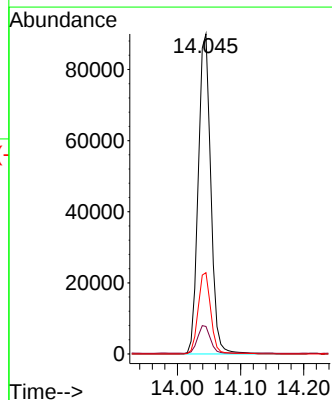
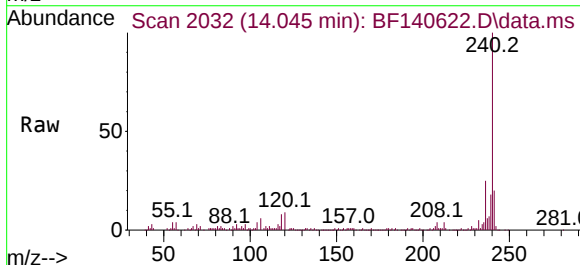
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

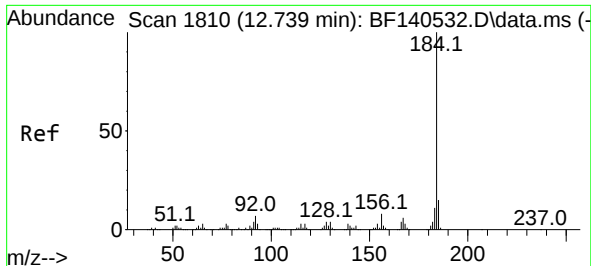
Tgt Ion:248 Resp: 8471
Ion Ratio Lower Upper
248 100
250 202.0 79.8 119.8#
141 497.2 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

Tgt Ion:240 Resp: 124009
Ion Ratio Lower Upper
240 100
120 8.6 7.3 10.9
236 25.4 20.6 31.0

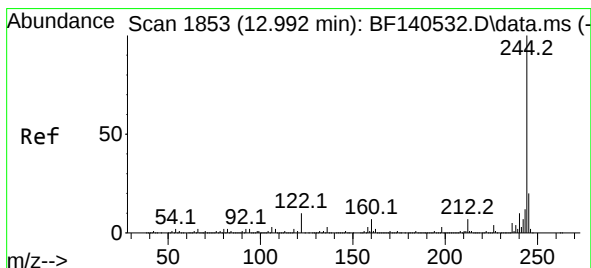
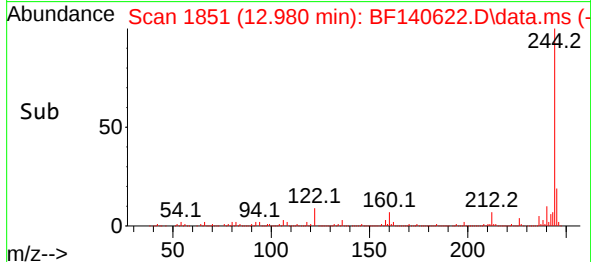
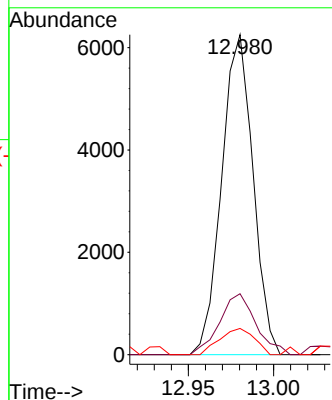
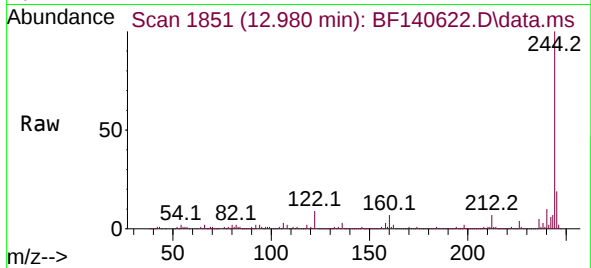




#77
Benzidine
Concen: 2.219 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

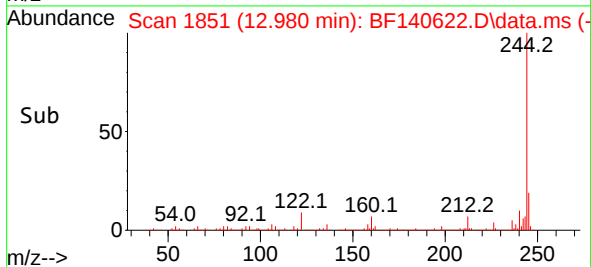
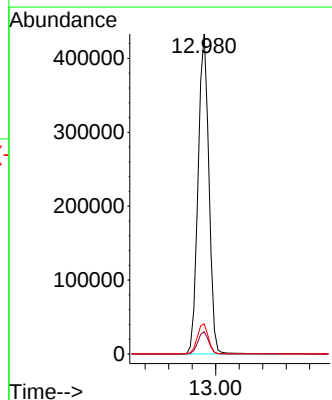
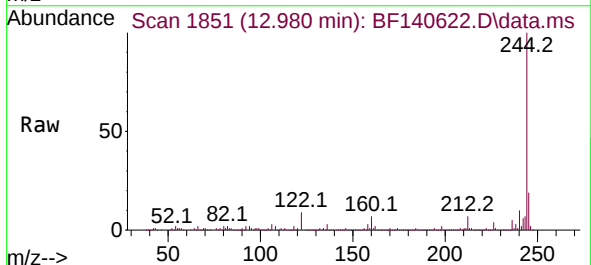
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-002

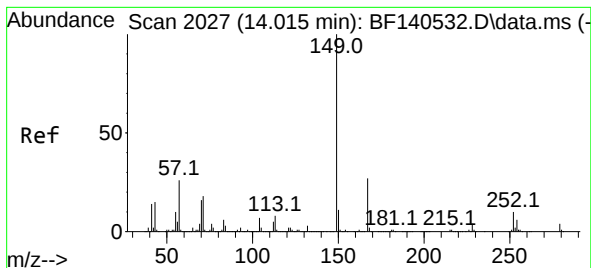
Tgt Ion:184 Resp: 7999
Ion Ratio Lower Upper
184 100
185 19.0 11.7 17.5#
183 8.2 8.8 13.2#



#79
Terphenyl-d14
Concen: 69.263 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140622.D
Acq: 25 Nov 2024 23:48

Tgt Ion:244 Resp: 551608
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 9.4 8.0 12.0





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.781 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF140622.D
 Acq: 25 Nov 2024 23:48

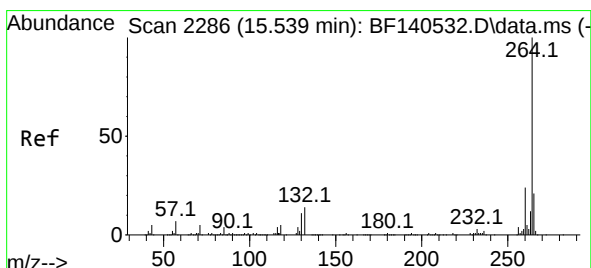
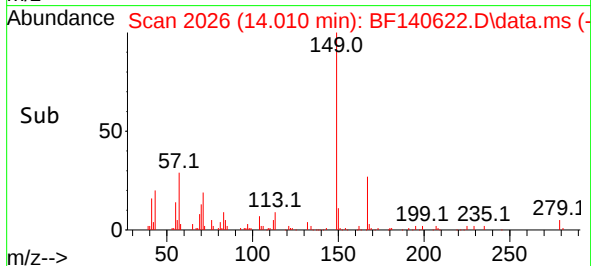
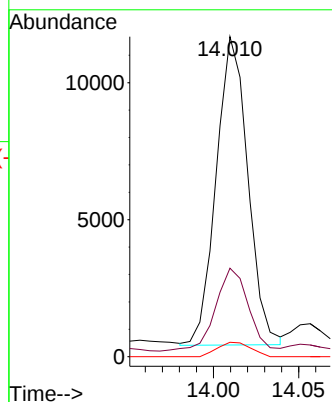
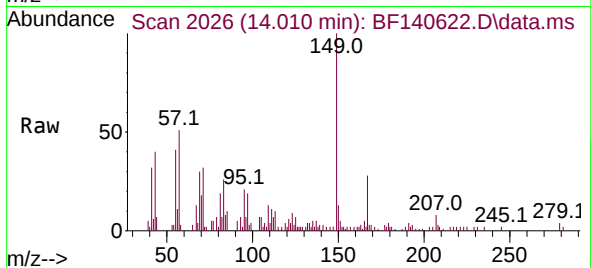
Instrument :

BNA_F

ClientSampleId :

PH2-BOT-002

Tgt Ion:149 Resp: 14506
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.2 31.8
 279 4.5 3.2 4.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140622.D
 Acq: 25 Nov 2024 23:48

Tgt Ion:264 Resp: 108011
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 20.3 16.6 25.0

