

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140621.D
 Acq On : 25 Nov 2024 23:22
 Operator : RC/JU
 Sample : P4860-07RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008

Quant Time: Nov 26 00:11:43 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)

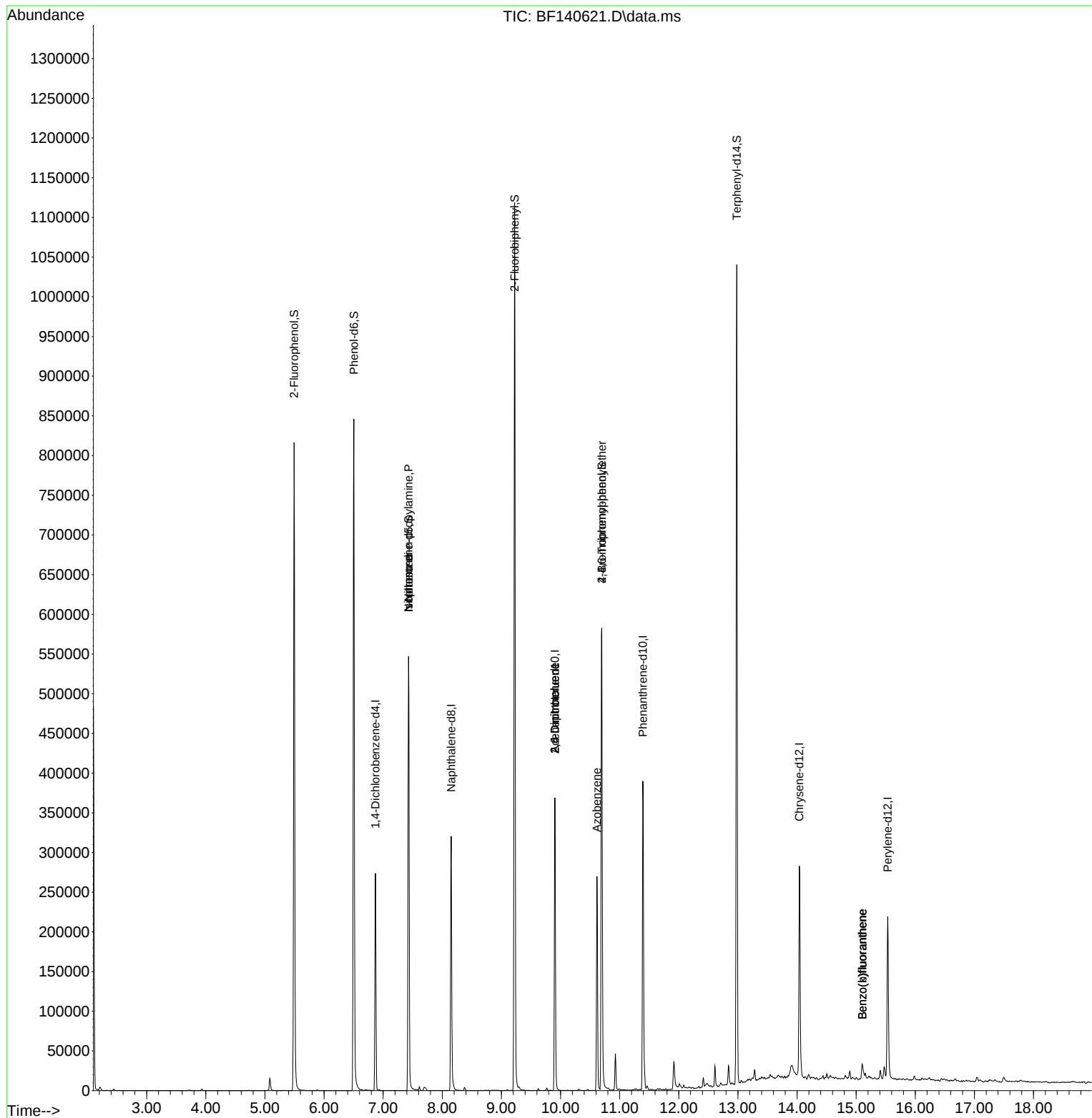
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	56779	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	211702	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	113735	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	220246	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	128275	20.000	ng	-0.01
86) Perylene-d12	15.533	264	122422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	306468	92.094	ng	0.00
7) Phenol-d6	6.504	99	397890	90.442	ng	-0.01
23) Nitrobenzene-d5	7.428	82	256943	62.081	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	107865	88.675	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	495612	64.926	ng	-0.01
79) Terphenyl-d14	12.980	244	498356	60.495	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	33668	12.949	ng	# 78
25) Isophorone	7.428	82	253575	36.733	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	14325	8.432	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	14325	6.345	ng	# 17
63) Azobenzene	10.616	77	72595	10.073	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	7151	3.153	ng	# 1
88) Benzo(b)fluoranthene	15.104	252	16840	2.190	ng	# 96
89) Benzo(k)fluoranthene	15.104	252	16840	2.503	ng	# 96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

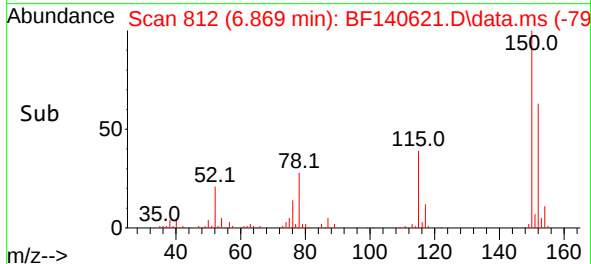
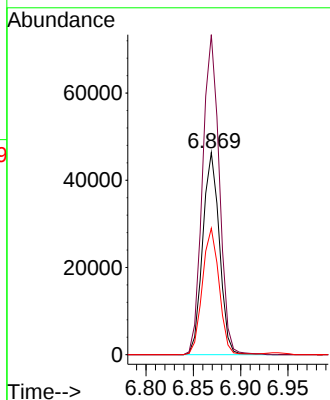
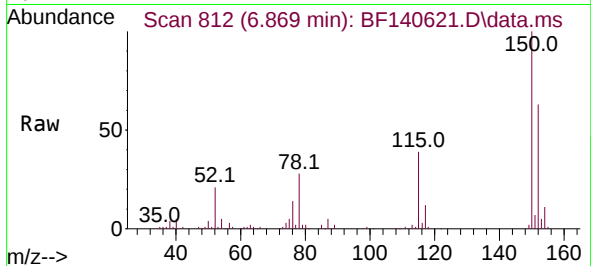




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

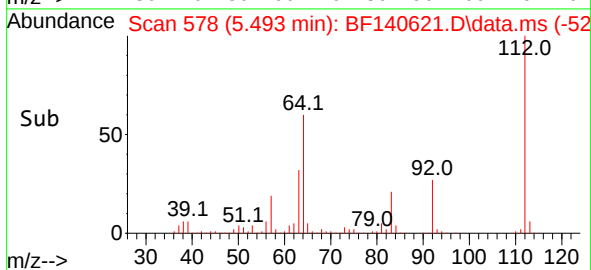
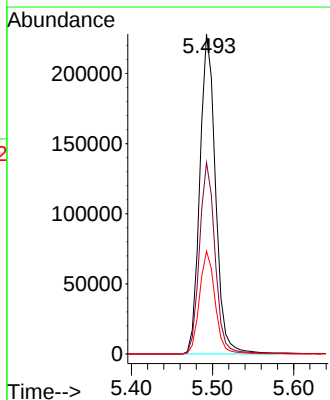
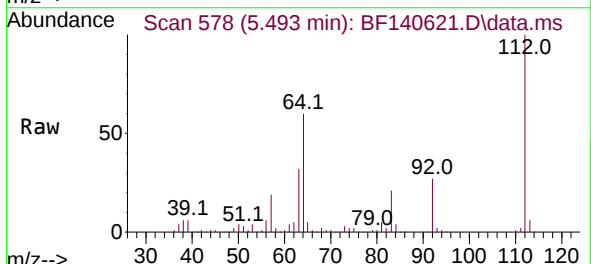
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Tgt Ion:152 Resp: 56779
Ion Ratio Lower Upper
152 100
150 158.3 128.5 192.7
115 62.5 50.2 75.4



#5
2-Fluorophenol
Concen: 92.094 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion:112 Resp: 306468
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 32.2 27.0 40.4

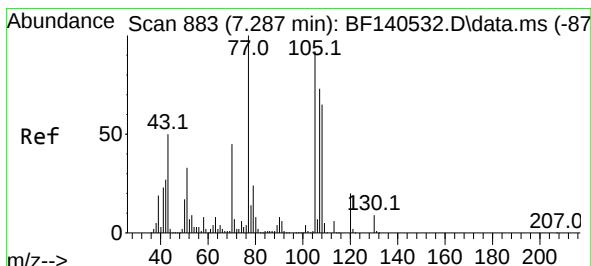
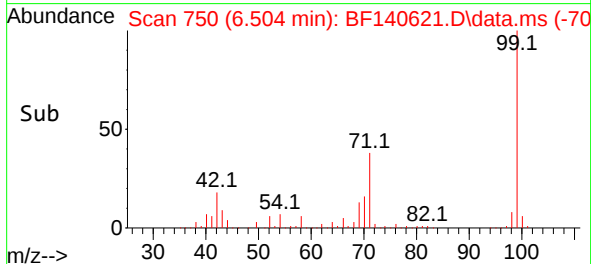
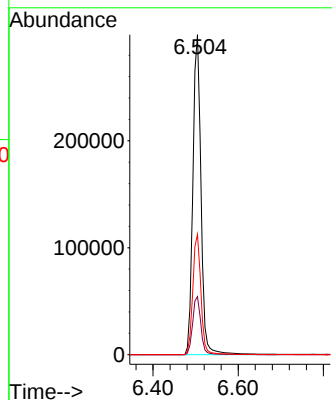
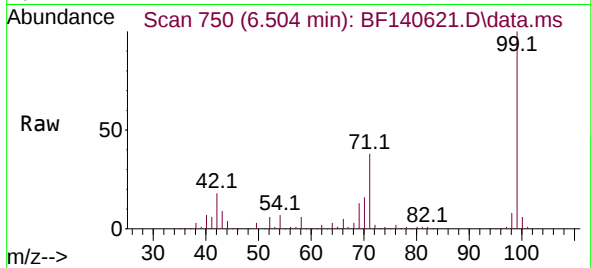




#7
Phenol-d6
Concen: 90.442 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

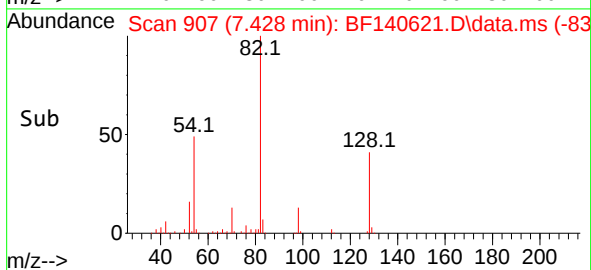
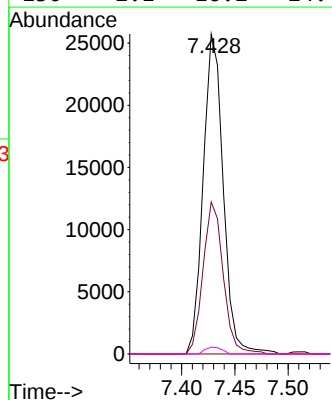
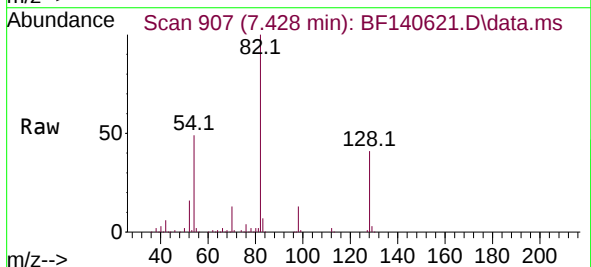
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Tgt Ion: 99 Resp: 397890
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.949 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion: 70 Resp: 33668
Ion Ratio Lower Upper
70 100
42 47.5 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 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: BF140621.D
Acq: 25 Nov 2024 23:22

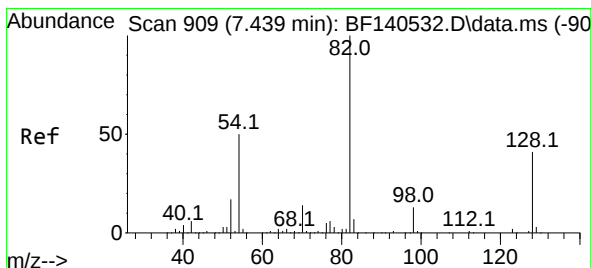
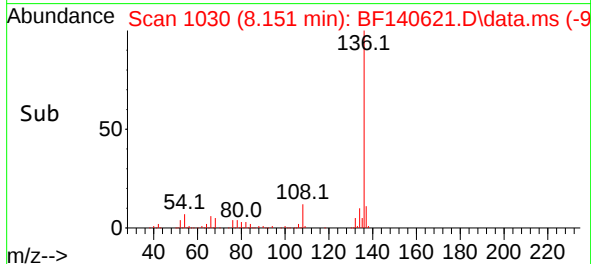
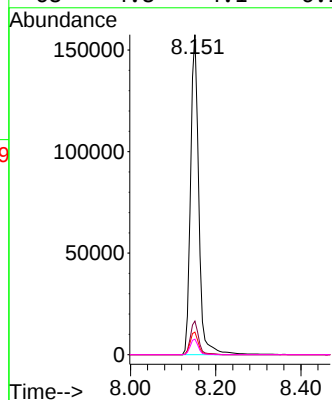
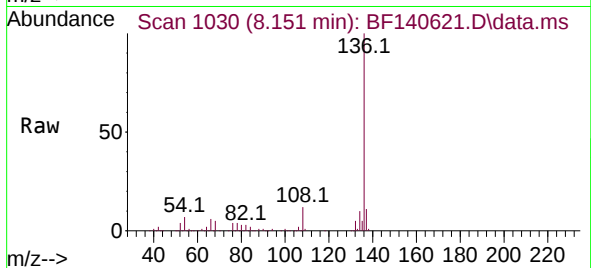
Instrument :

BNA_F

ClientSampleId :

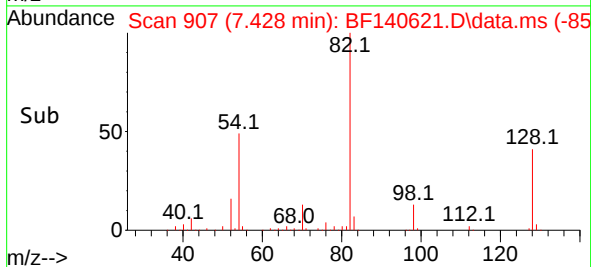
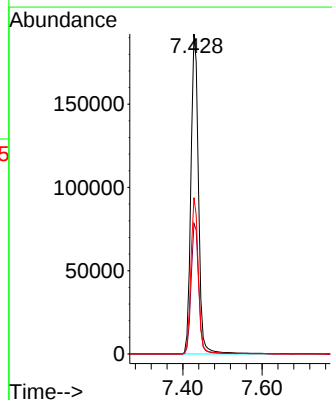
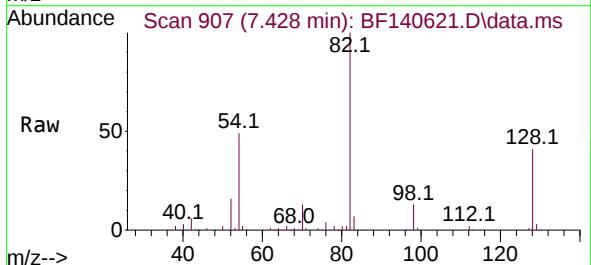
PH2-BOT-008

Tgt Ion:136 Resp: 211702
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.0 5.8 8.8
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 62.081 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion: 82 Resp: 256943
Ion Ratio Lower Upper
82 100
128 40.8 33.0 49.4
54 48.9 39.5 59.3

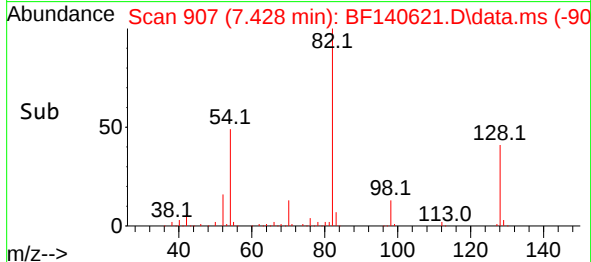
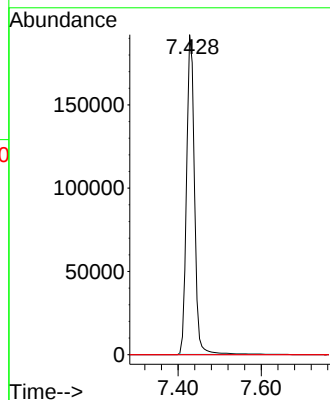
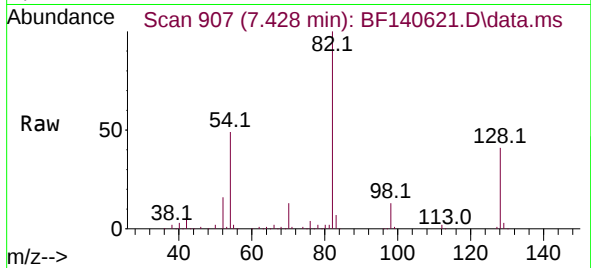




#25
Isophorone
Concen: 36.733 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

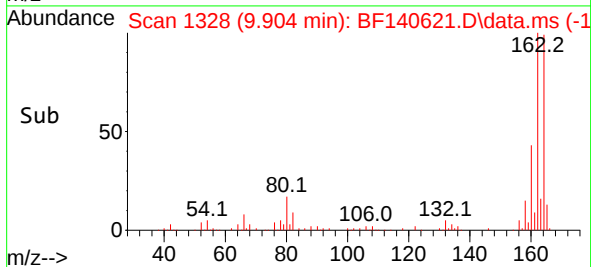
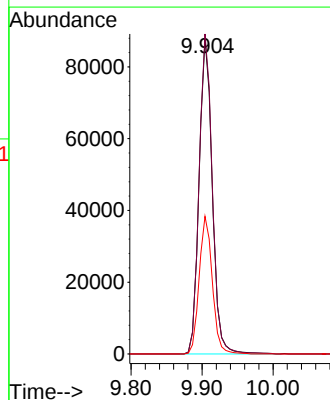
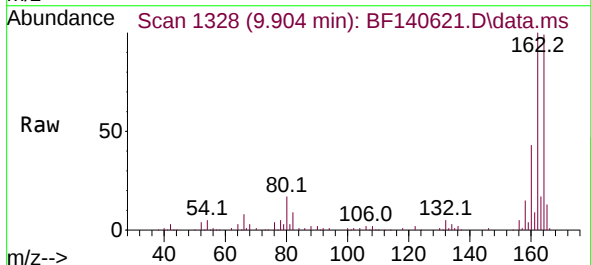
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ClientSampleId :
PH2-BOT-008

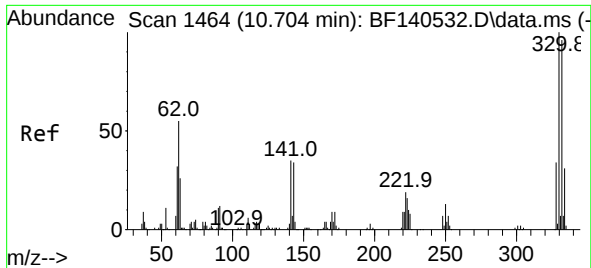
Tgt Ion: 82 Resp: 253575
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

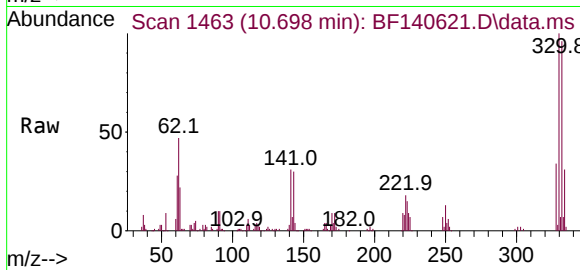
Tgt Ion:164 Resp: 113735
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 43.6 36.2 54.4



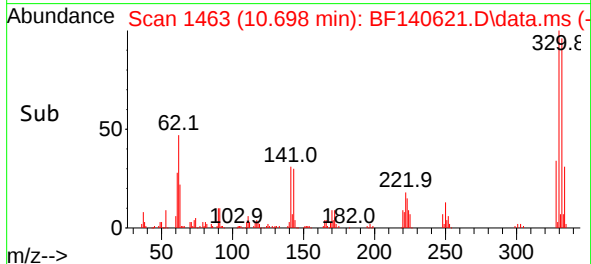
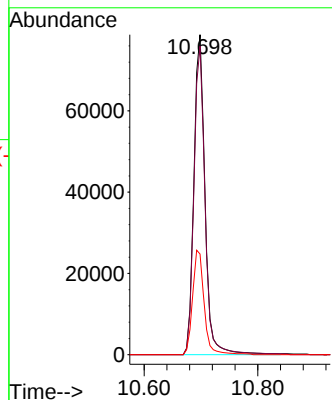


#42
2,4,6-Tribromophenol
Concen: 88.675 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

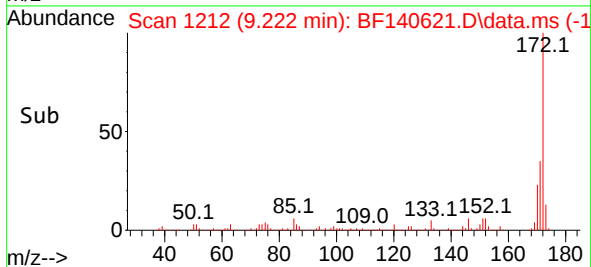
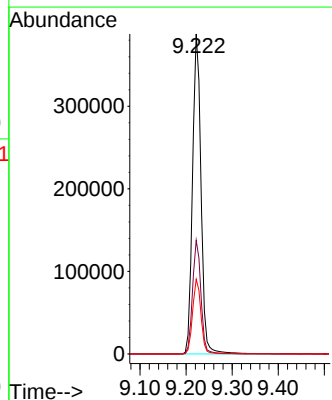
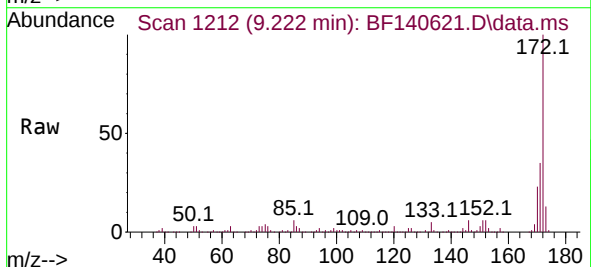


Tgt Ion:330 Resp: 107865
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 33.8 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 64.926 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion:172 Resp: 495612
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.3 19.0 28.6

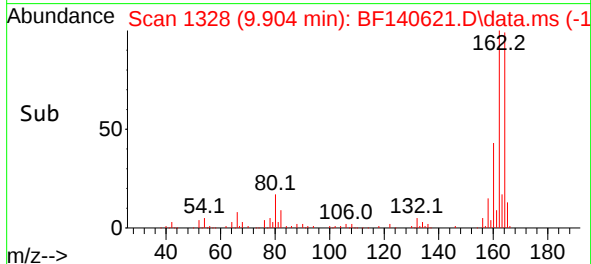
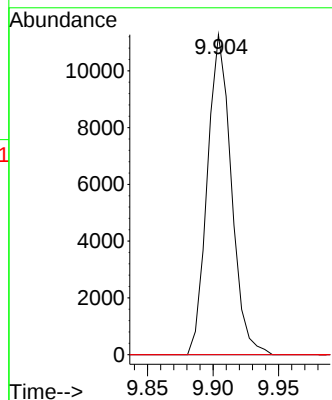
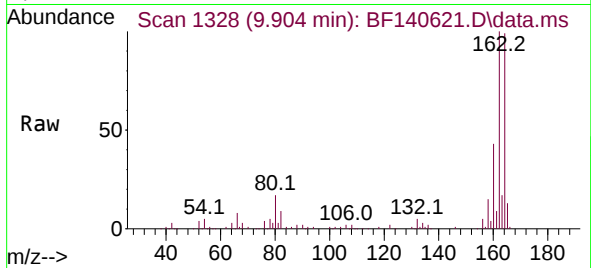




#51
2,6-Dinitrotoluene
Concen: 8.432 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

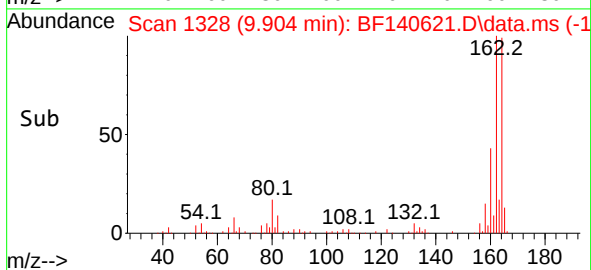
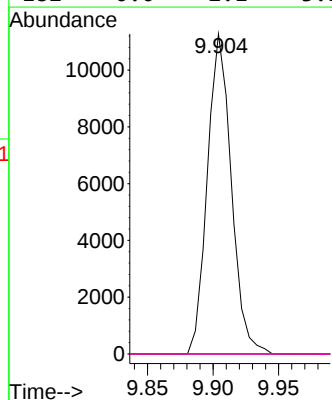
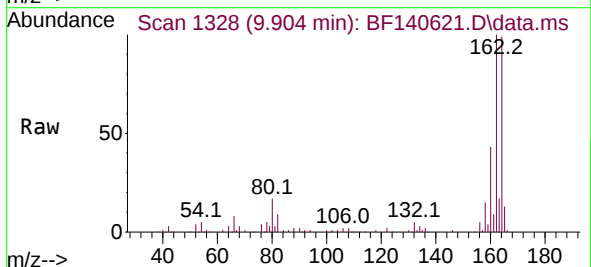
Instrument :
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PH2-BOT-008

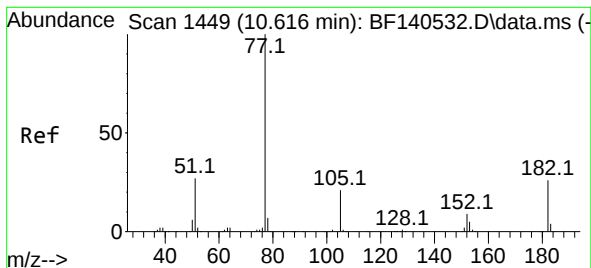
Tgt Ion:165 Resp: 14325
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.345 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion:165 Resp: 14325
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: 10.073 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140621.D

Acq: 25 Nov 2024 23:22

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-008

Tgt Ion: 77 Resp: 72595

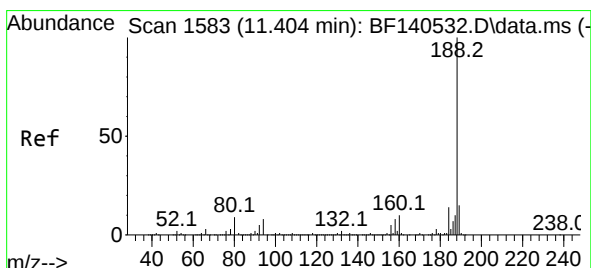
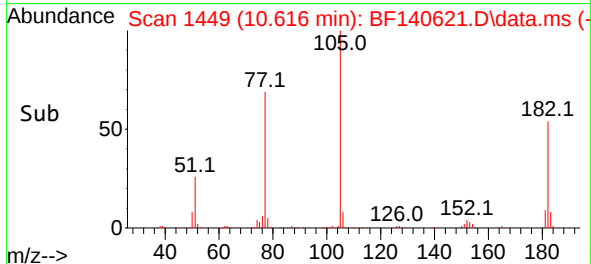
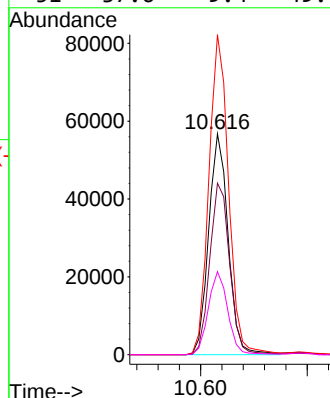
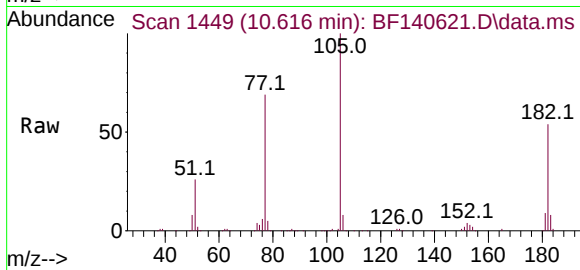
Ion Ratio Lower Upper

77 100

182 77.7 5.3 45.3#

105 144.9 0.3 40.3#

51 37.6 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: BF140621.D

Acq: 25 Nov 2024 23:22

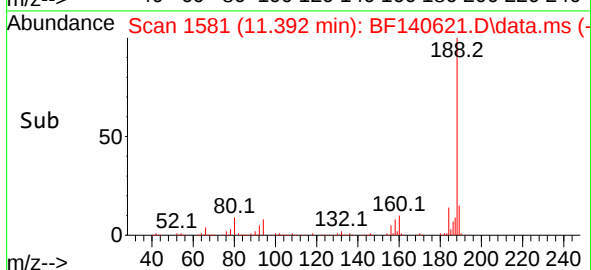
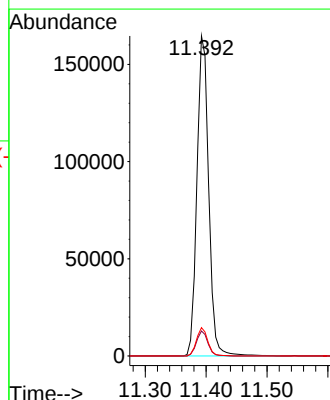
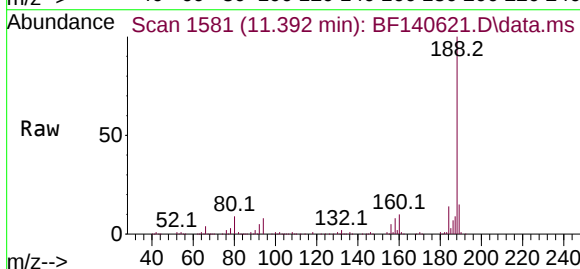
Tgt Ion: 188 Resp: 220246

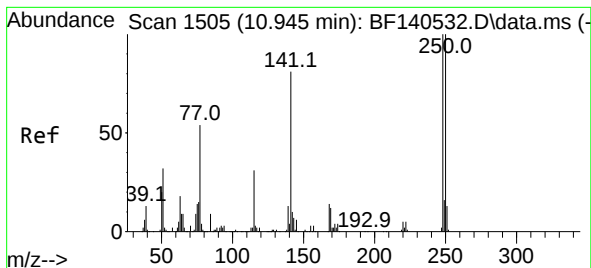
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.8 6.9 10.3

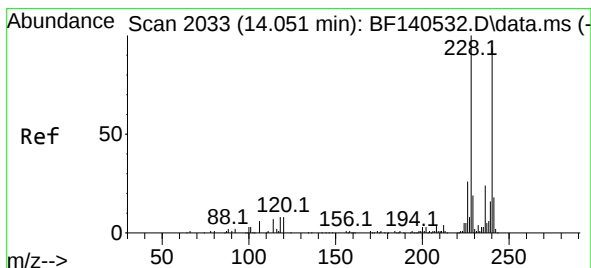
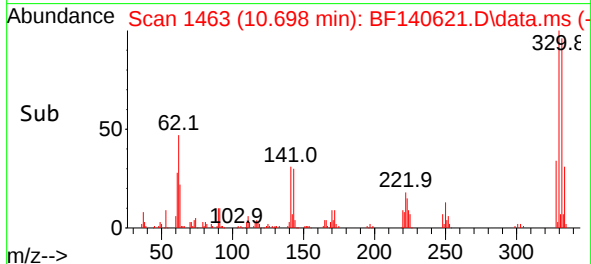
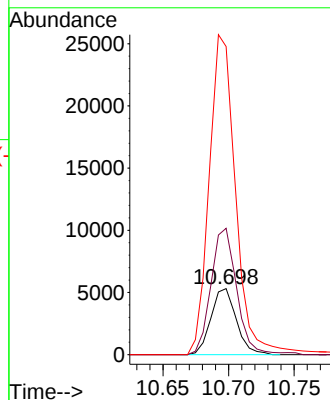
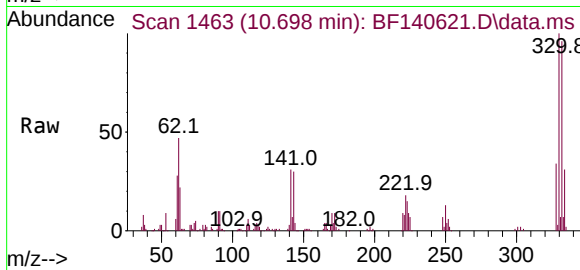




#67
4-Bromophenyl-phenylether
Concen: 3.153 ng
RT: 10.698 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

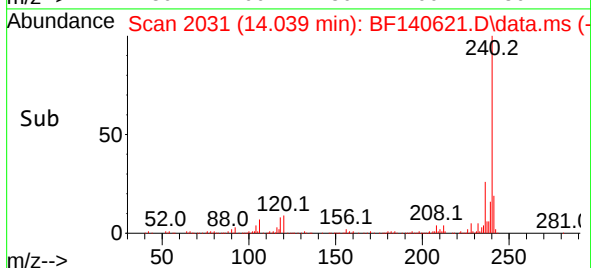
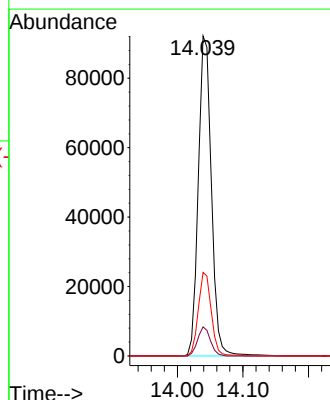
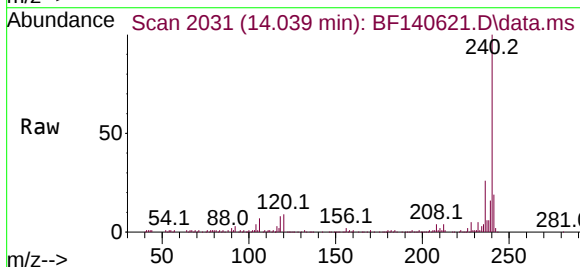
Instrument :
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PH2-BOT-008

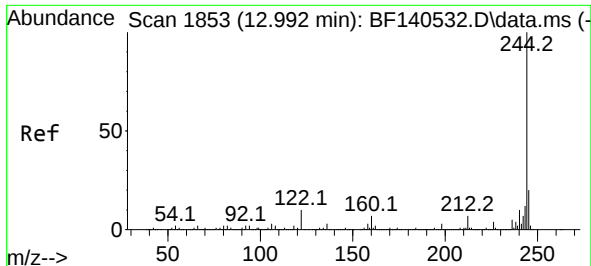
Tgt Ion:248 Resp: 7151
Ion Ratio Lower Upper
248 100
250 191.2 79.8 119.8#
141 466.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140621.D
Acq: 25 Nov 2024 23:22

Tgt Ion:240 Resp: 128275
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 26.1 20.6 31.0

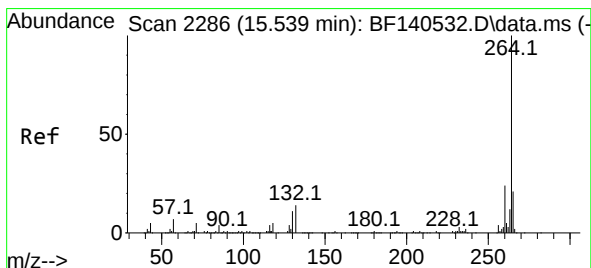
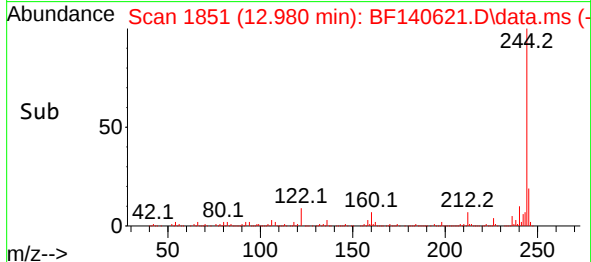
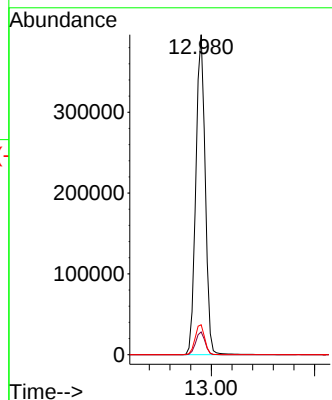
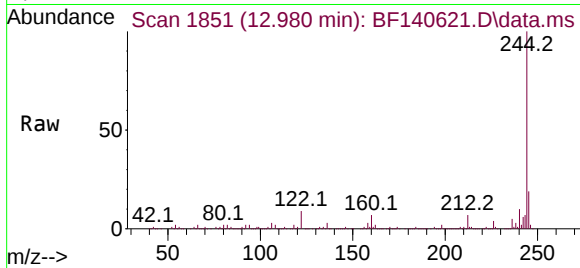




#79
 Terphenyl-d14
 Concen: 60.495 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140621.D
 Acq: 25 Nov 2024 23:22

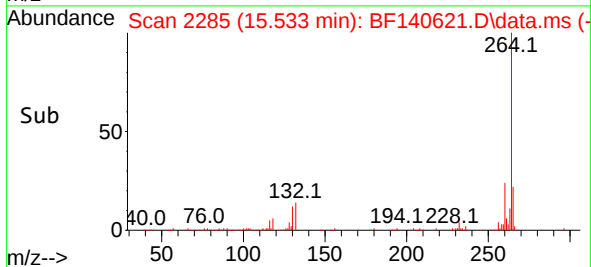
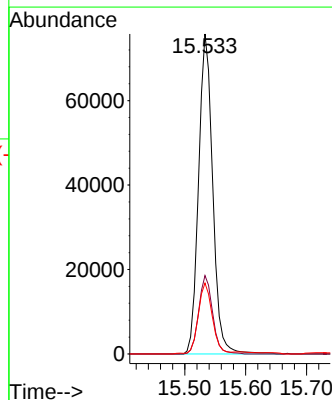
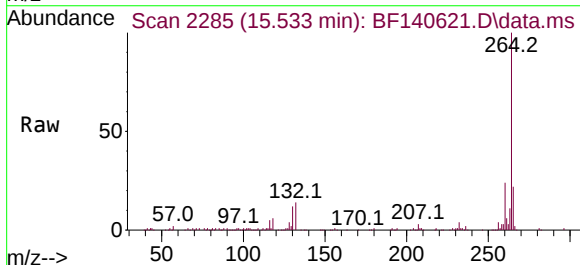
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008

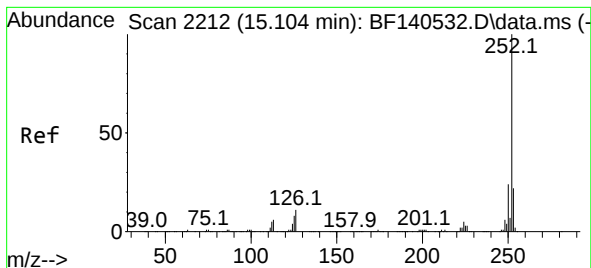
Tgt Ion:244 Resp: 498356
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.3 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140621.D
 Acq: 25 Nov 2024 23:22

Tgt Ion:264 Resp: 122422
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.1 16.6 25.0





#88

Benzo(b)fluoranthene

Concen: 2.190 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140621.D

Acq: 25 Nov 2024 23:22

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-008

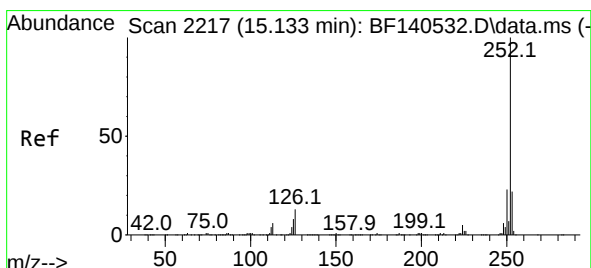
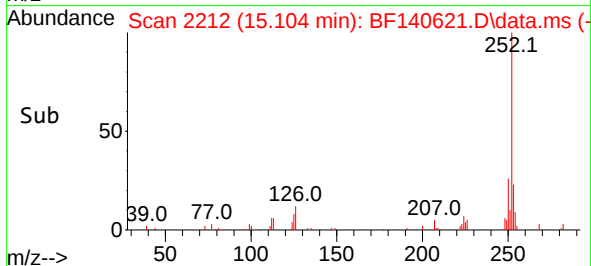
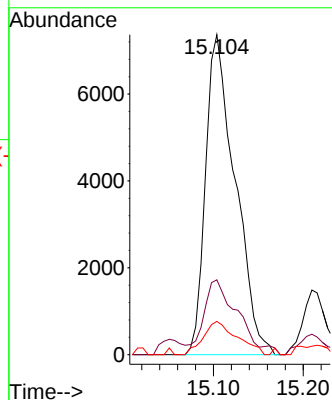
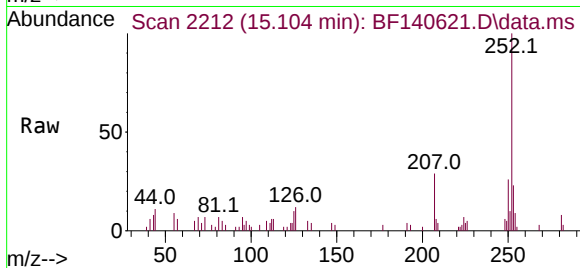
Tgt Ion:252 Resp: 16840

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

125 10.4 6.7 10.1#



#89

Benzo(k)fluoranthene

Concen: 2.503 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.029 min

Lab File: BF140621.D

Acq: 25 Nov 2024 23:22

Tgt Ion:252 Resp: 16840

Ion Ratio Lower Upper

252 100

253 23.4 17.5 26.3

125 10.4 6.5 9.7#

