

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140523.D
 Acq On : 21 Nov 2024 01:43
 Operator : RC/JU
 Sample : P4860-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008

Quant Time: Nov 21 03:41:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

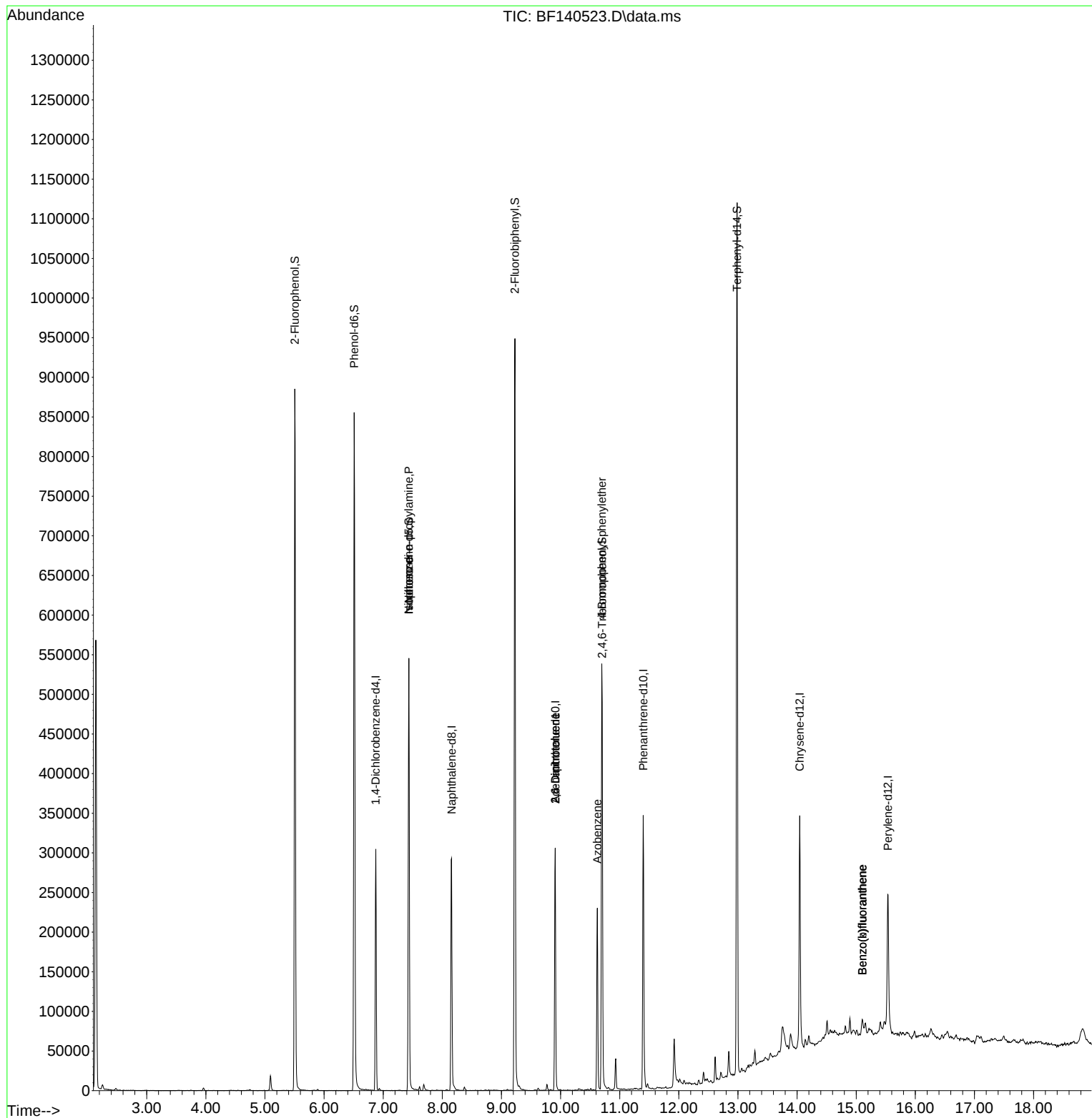
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61383	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	200329	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	94790	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	188306	20.000	ng	0.00
76) Chrysene-d12	14.045	240	131878	20.000	ng	0.00
86) Perylene-d12	15.539	264	97046	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	329501	91.652	ng	0.01
7) Phenol-d6	6.510	99	393344	80.755	ng	0.00
23) Nitrobenzene-d5	7.434	82	245286	63.795	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	93744	99.451	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	432248	73.305	ng	0.00
79) Terphenyl-d14	12.986	244	543262	71.505	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	33178	11.278	ng	# 76
25) Isophorone	7.434	82	238820	35.047	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	11914	8.458	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	11914	6.427	ng	# 19
63) Azobenzene	10.622	77	60683	9.721	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	6314	3.354	ng	# 1
88) Benzo(b)fluoranthene	15.104	252	14967	2.358	ng	# 91
89) Benzo(k)fluoranthene	15.104	252	14967	2.886	ng	# 90

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

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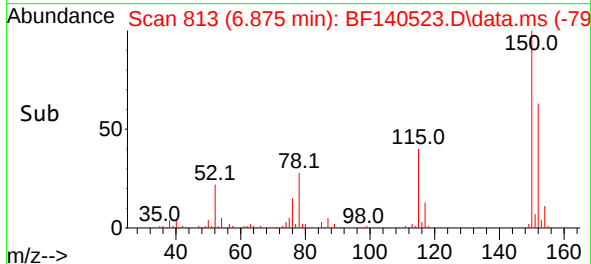
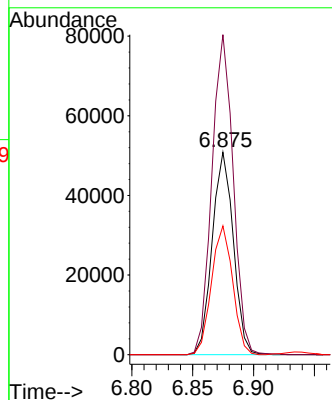
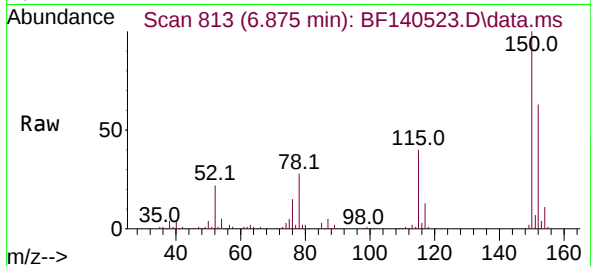




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

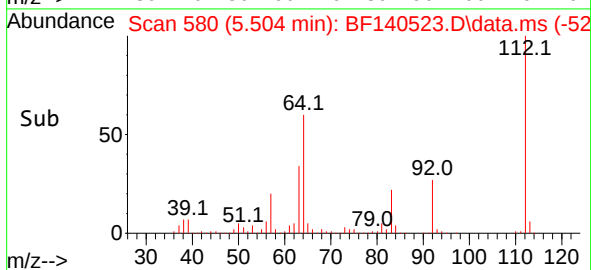
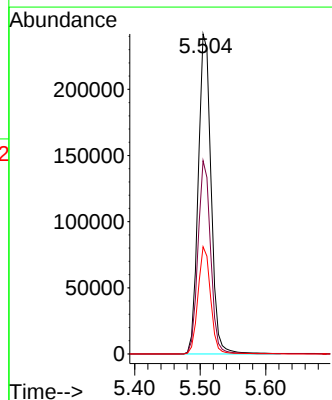
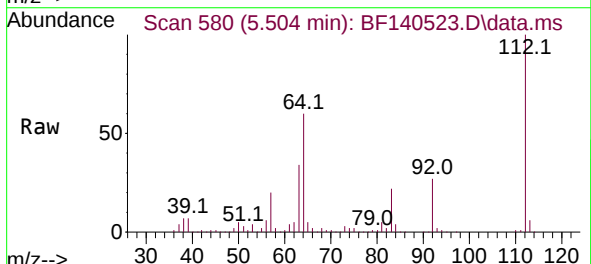
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Tgt Ion:152 Resp: 61383
Ion Ratio Lower Upper
152 100
150 158.1 127.4 191.0
115 63.6 47.4 71.2



#5
2-Fluorophenol
Concen: 91.652 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Tgt Ion:112 Resp: 329501
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 33.5 25.6 38.4

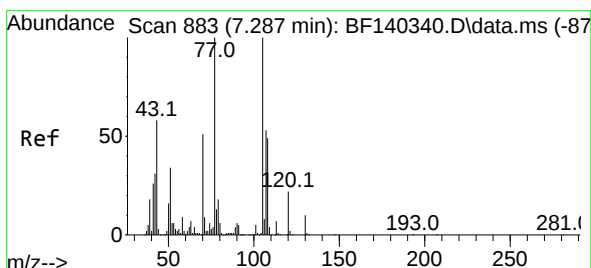
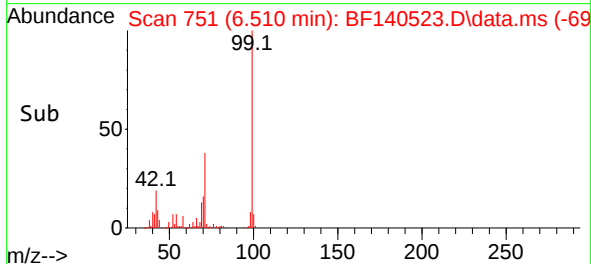
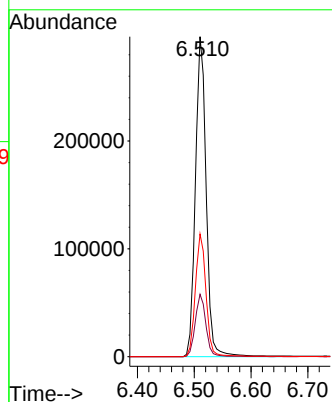
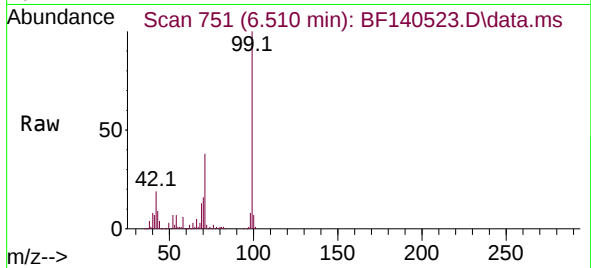




#7
Phenol-d6
Concen: 80.755 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

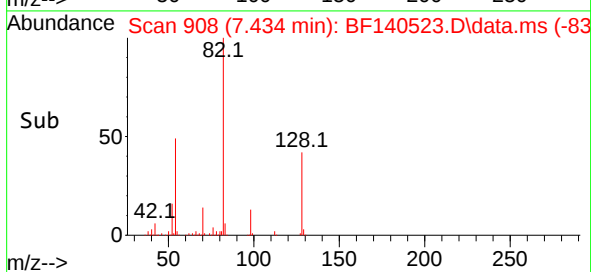
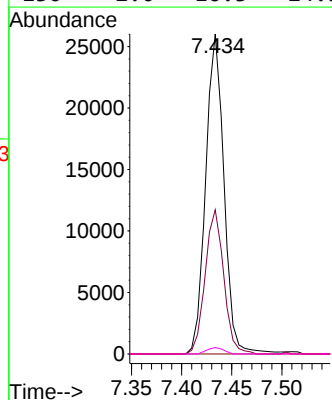
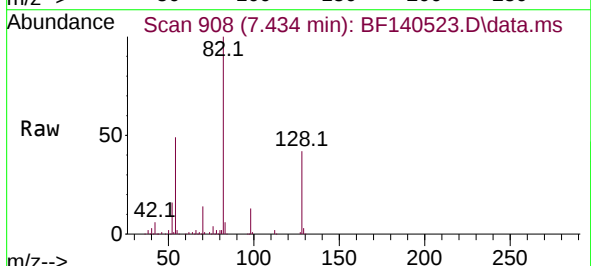
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

Tgt Ion: 99 Resp: 393344
Ion Ratio Lower Upper
99 100
42 19.5 15.1 22.7
71 38.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.278 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Tgt Ion: 70 Resp: 33178
Ion Ratio Lower Upper
70 100
42 45.1 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

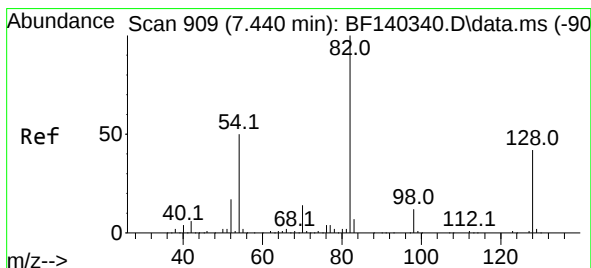
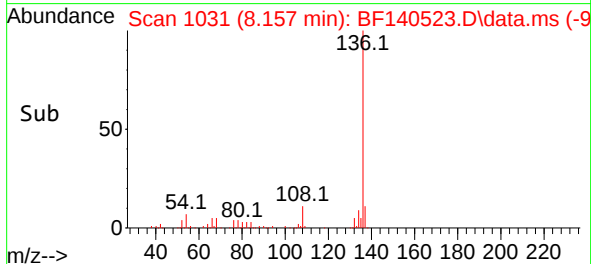
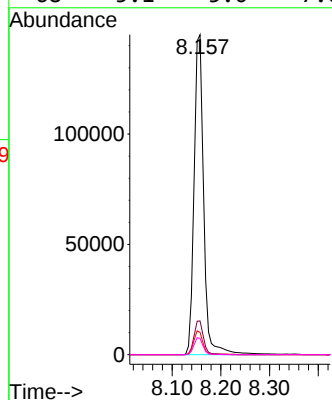
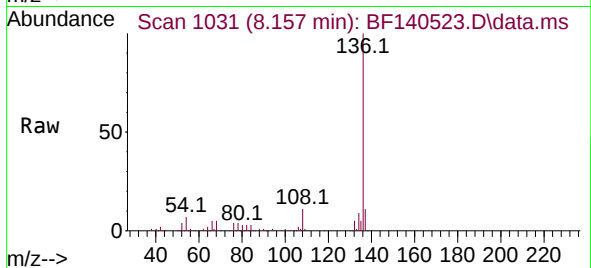
Instrument :

BNA_F

ClientSampleId :

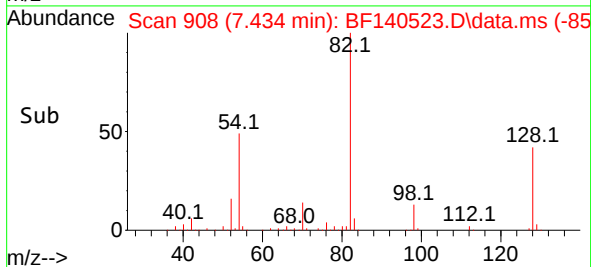
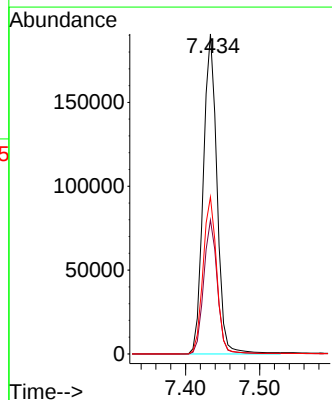
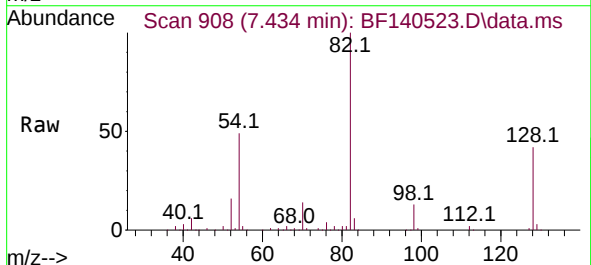
PH2-BOT-008

Tgt Ion:136 Resp: 200329
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 7.0 6.5 9.7
68 5.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 63.795 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Tgt Ion: 82 Resp: 245286
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 49.0 39.8 59.8

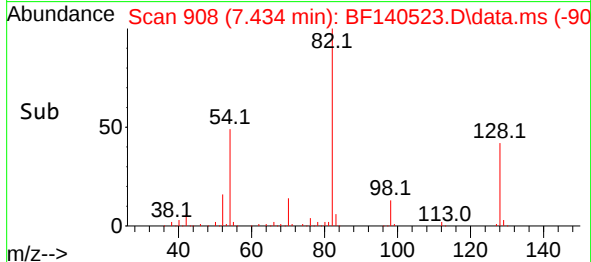
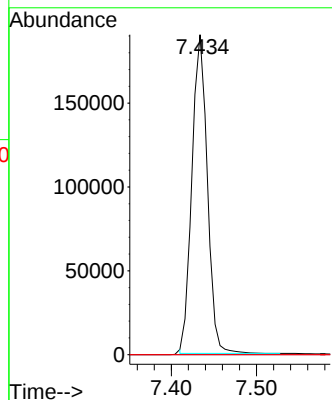
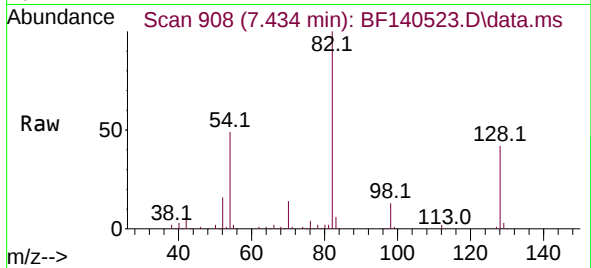




#25
Isophorone
Concen: 35.047 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

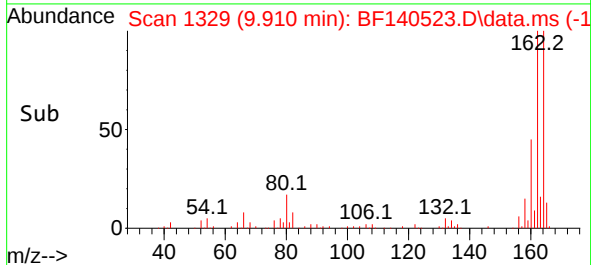
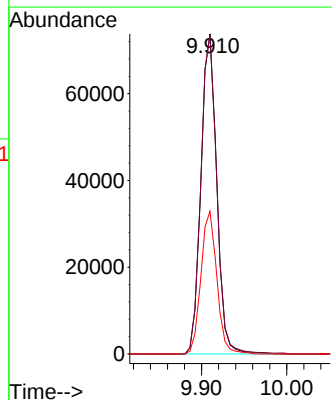
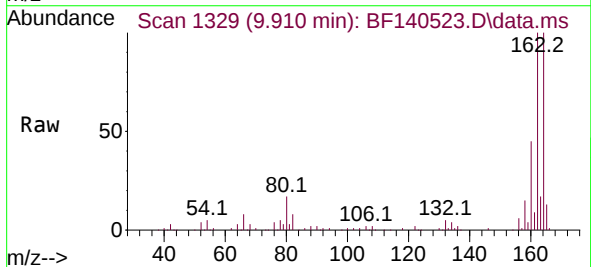
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PH2-BOT-008

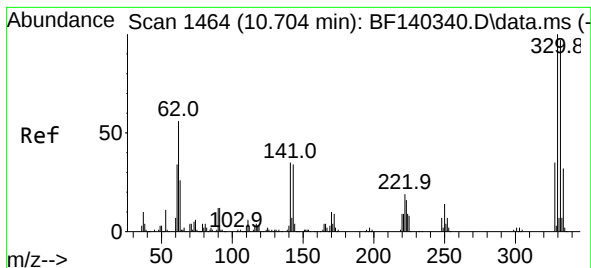
Tgt Ion: 82 Resp: 238820
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

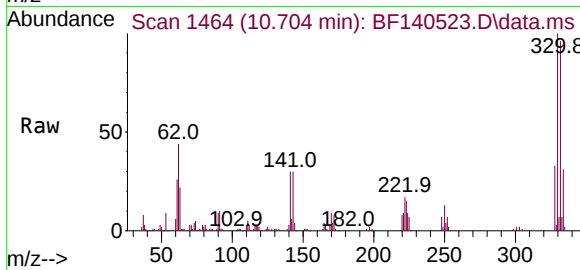
Tgt Ion: 164 Resp: 94790
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 44.5 35.4 53.0



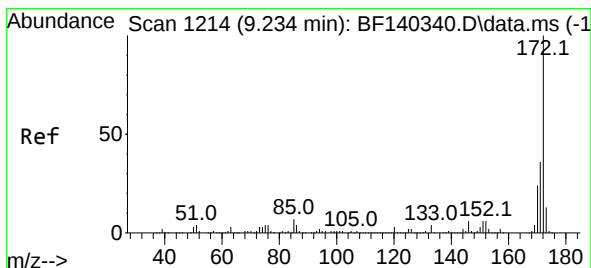
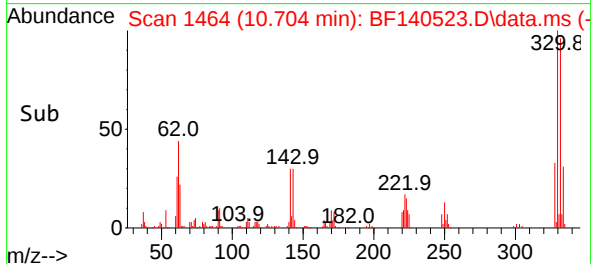
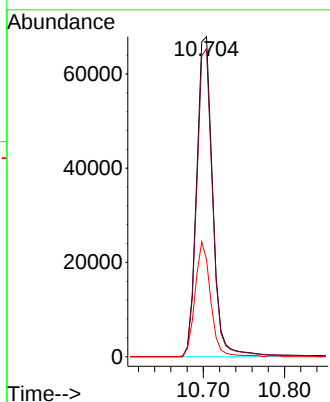


#42
2,4,6-Tribromophenol
Concen: 99.451 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

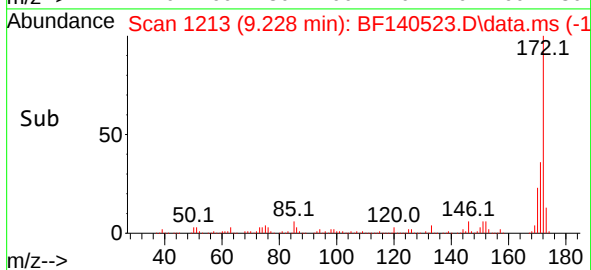
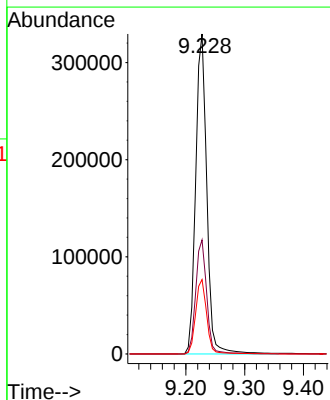
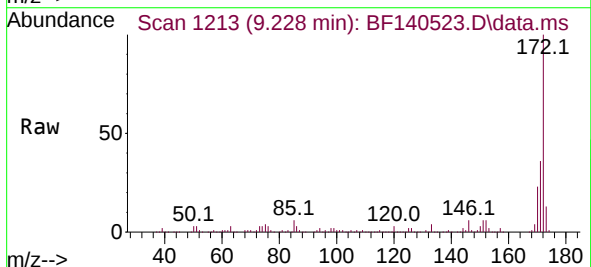


Tgt Ion:330 Resp: 93744
Ion Ratio Lower Upper
330 100
332 96.0 75.9 113.9
141 34.6 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 73.305 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Tgt Ion:172 Resp: 432248
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.458 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF140523.D

Acq: 21 Nov 2024 01:43

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-008

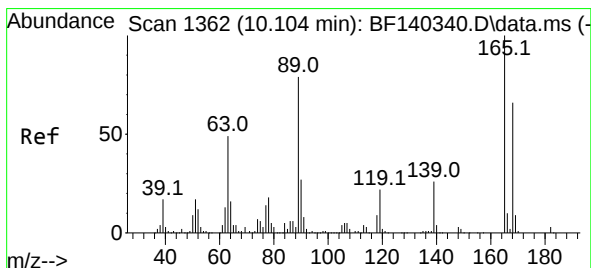
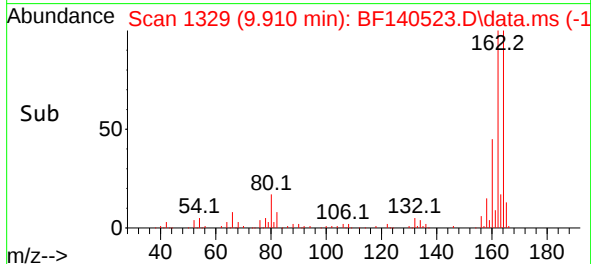
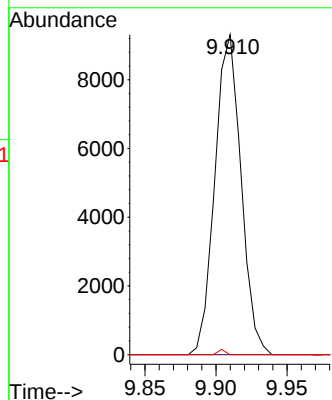
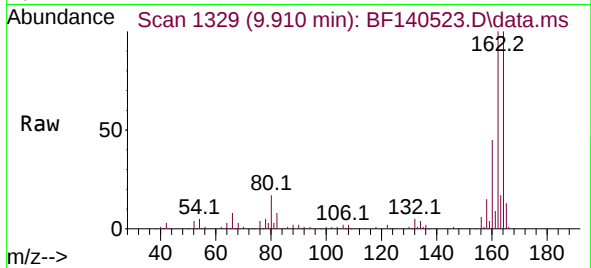
Tgt Ion:165 Resp: 11914

Ion Ratio Lower Upper

165 100

63 0.0 47.6 71.4#

89 0.0 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.427 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140523.D

Acq: 21 Nov 2024 01:43

Tgt Ion:165 Resp: 11914

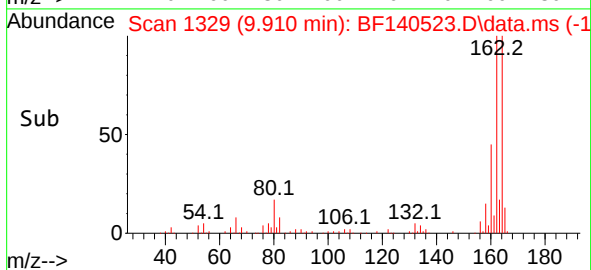
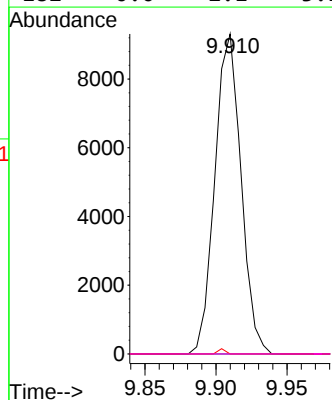
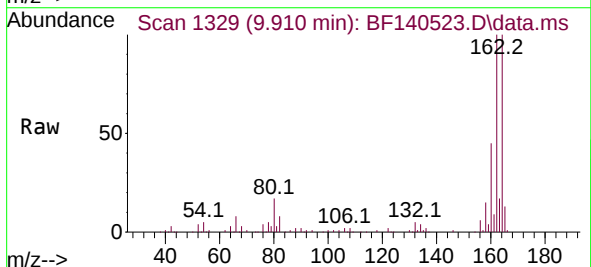
Ion Ratio Lower Upper

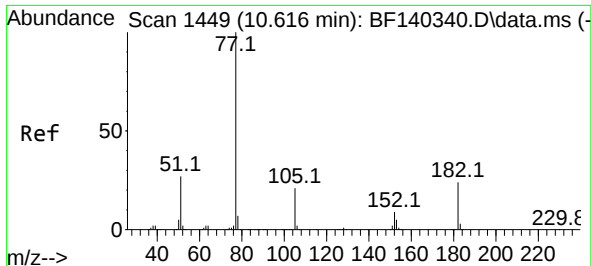
165 100

63 0.0 39.4 59.0#

89 0.0 62.4 93.6#

182 0.0 2.1 3.1#

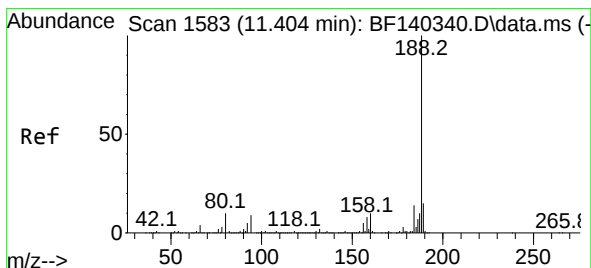
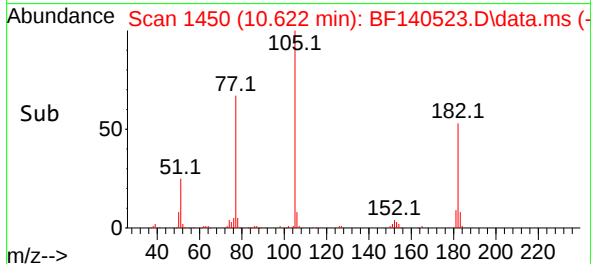
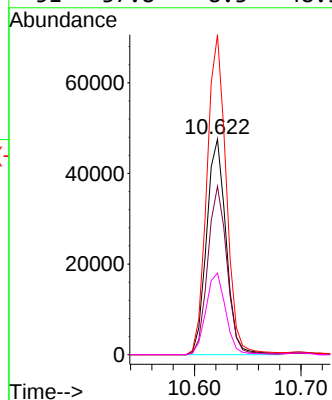
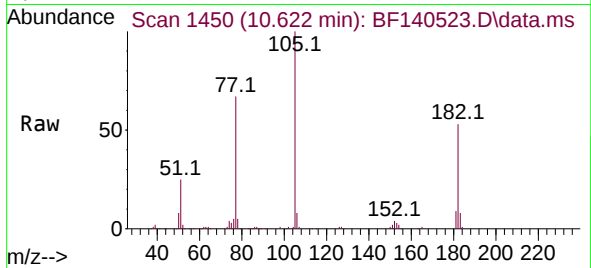




#63
Azobenzene
Concen: 9.721 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

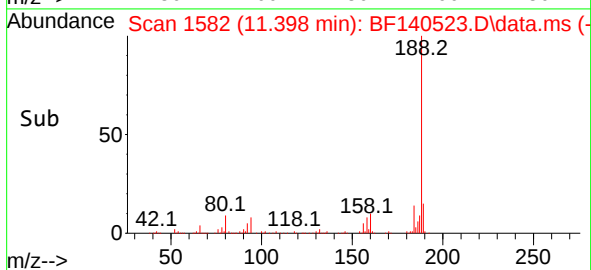
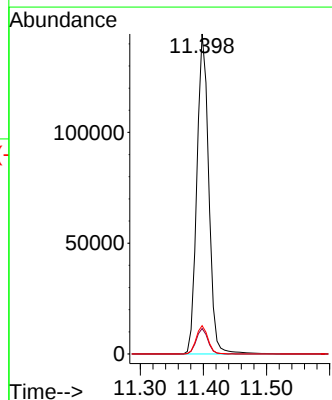
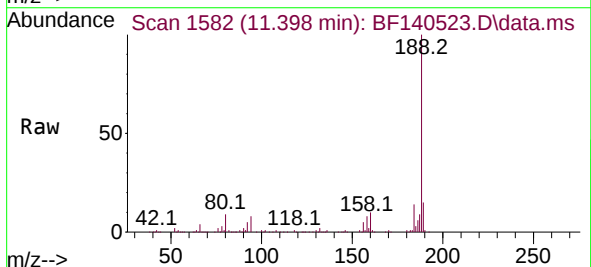
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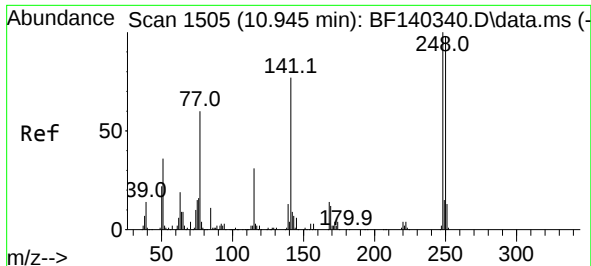
Tgt Ion: 77 Resp: 60683
Ion Ratio Lower Upper
77 100
182 78.1 4.6 44.6#
105 148.5 0.9 40.9#
51 37.8 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

Tgt Ion: 188 Resp: 188306
Ion Ratio Lower Upper
188 100
94 7.9 7.6 11.4
80 8.8 8.0 12.0

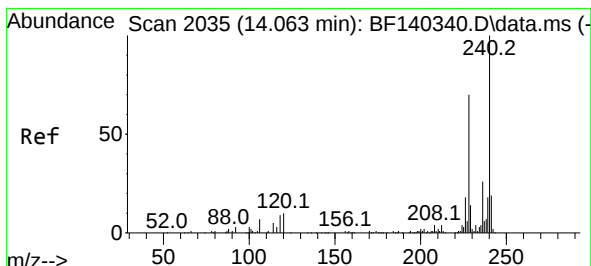
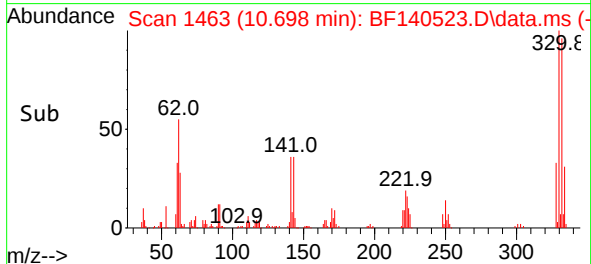
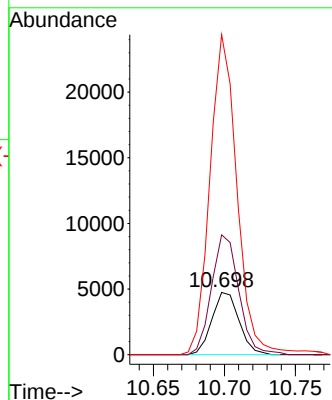
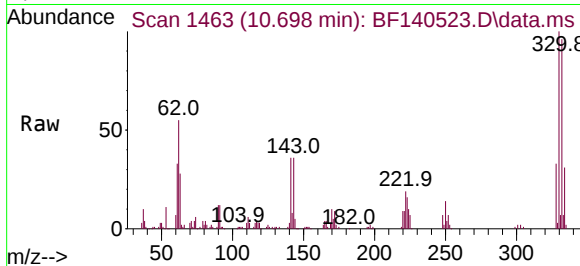




#67
4-Bromophenyl-phenylether
Concen: 3.354 ng
RT: 10.698 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

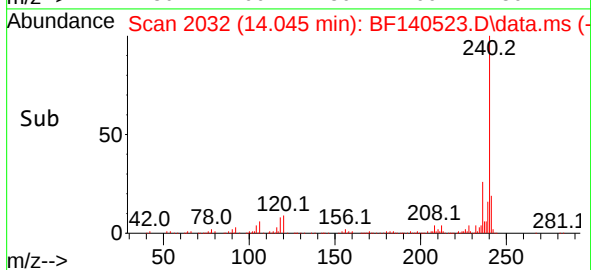
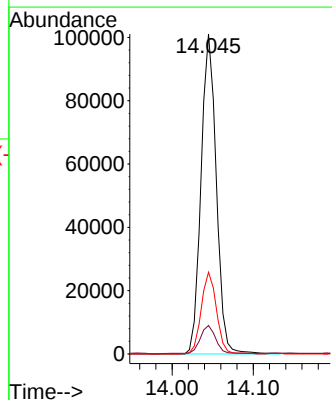
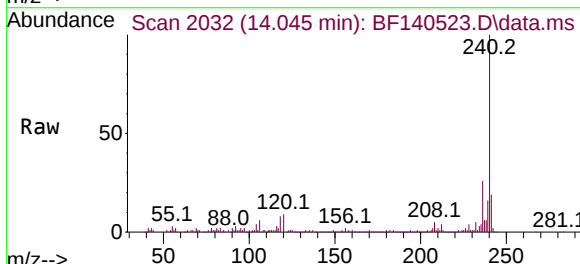
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-008

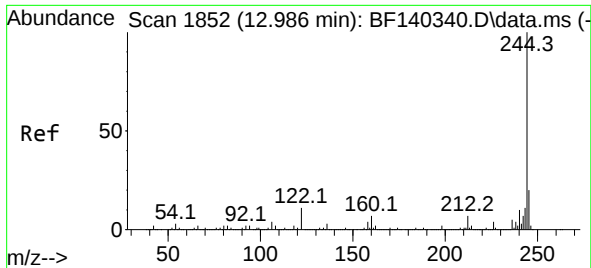
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Ion Ratio Lower Upper
248 100
250 192.4 77.9 116.9#
141 513.6 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140523.D
Acq: 21 Nov 2024 01:43

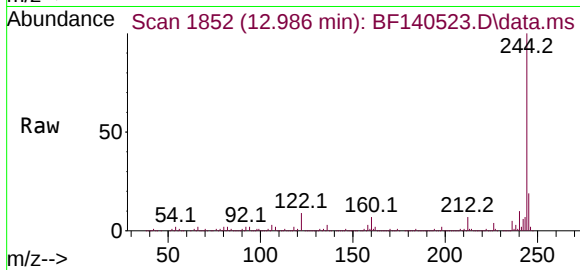
Tgt Ion:240 Resp: 131878
Ion Ratio Lower Upper
240 100
120 8.9 8.8 13.2
236 25.6 20.9 31.3



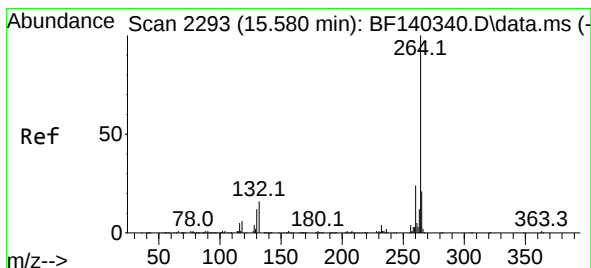
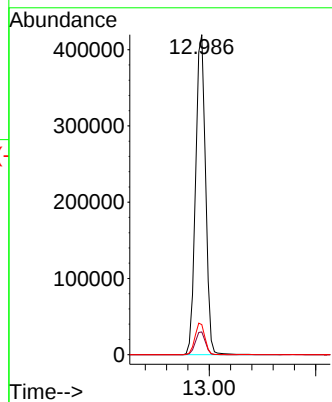
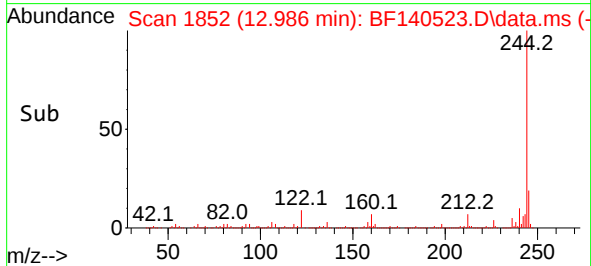


#79
 Terphenyl-d14
 Concen: 71.505 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140523.D
 Acq: 21 Nov 2024 01:43

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-008

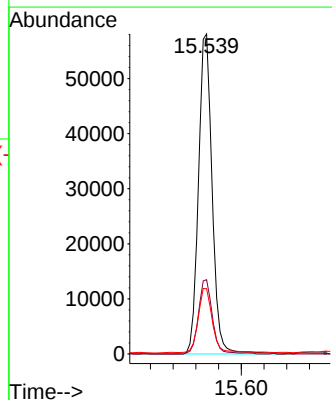
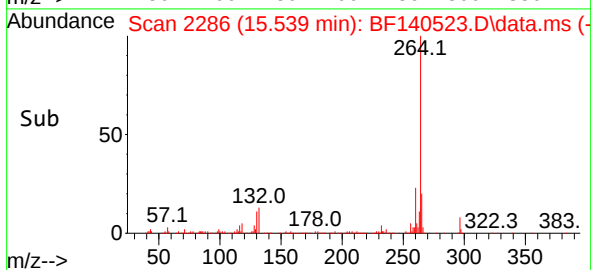
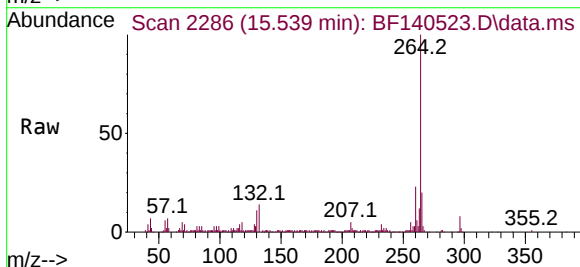


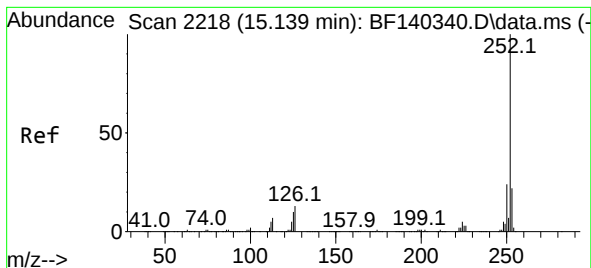
Tgt Ion:244 Resp: 543262
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140523.D
 Acq: 21 Nov 2024 01:43

Tgt Ion:264 Resp: 97046
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 20.4 17.1 25.7





#88

Benzo(b)fluoranthene

Concen: 2.358 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140523.D

Acq: 21 Nov 2024 01:43

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-008

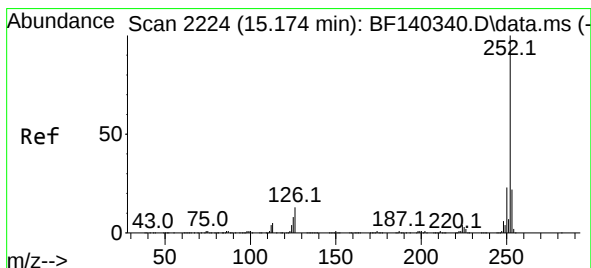
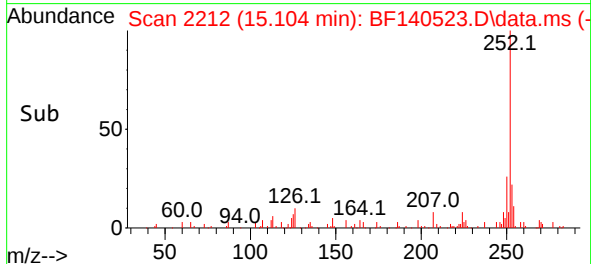
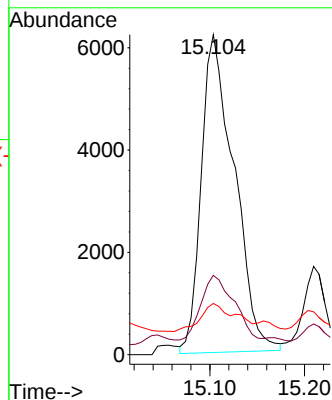
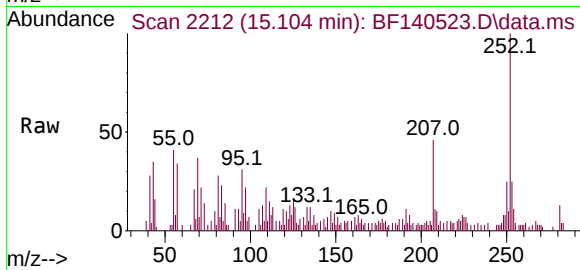
Tgt Ion:252 Resp: 14967

Ion Ratio Lower Upper

252 100

253 24.8 17.5 26.3

125 16.0 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.886 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.047 min

Lab File: BF140523.D

Acq: 21 Nov 2024 01:43

Tgt Ion:252 Resp: 14967

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

125 16.0 7.4 11.2#

