

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140635.D
 Acq On : 26 Nov 2024 12:18
 Operator : RC/JU
 Sample : P4960-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW4

Quant Time: Nov 26 12:40:50 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)

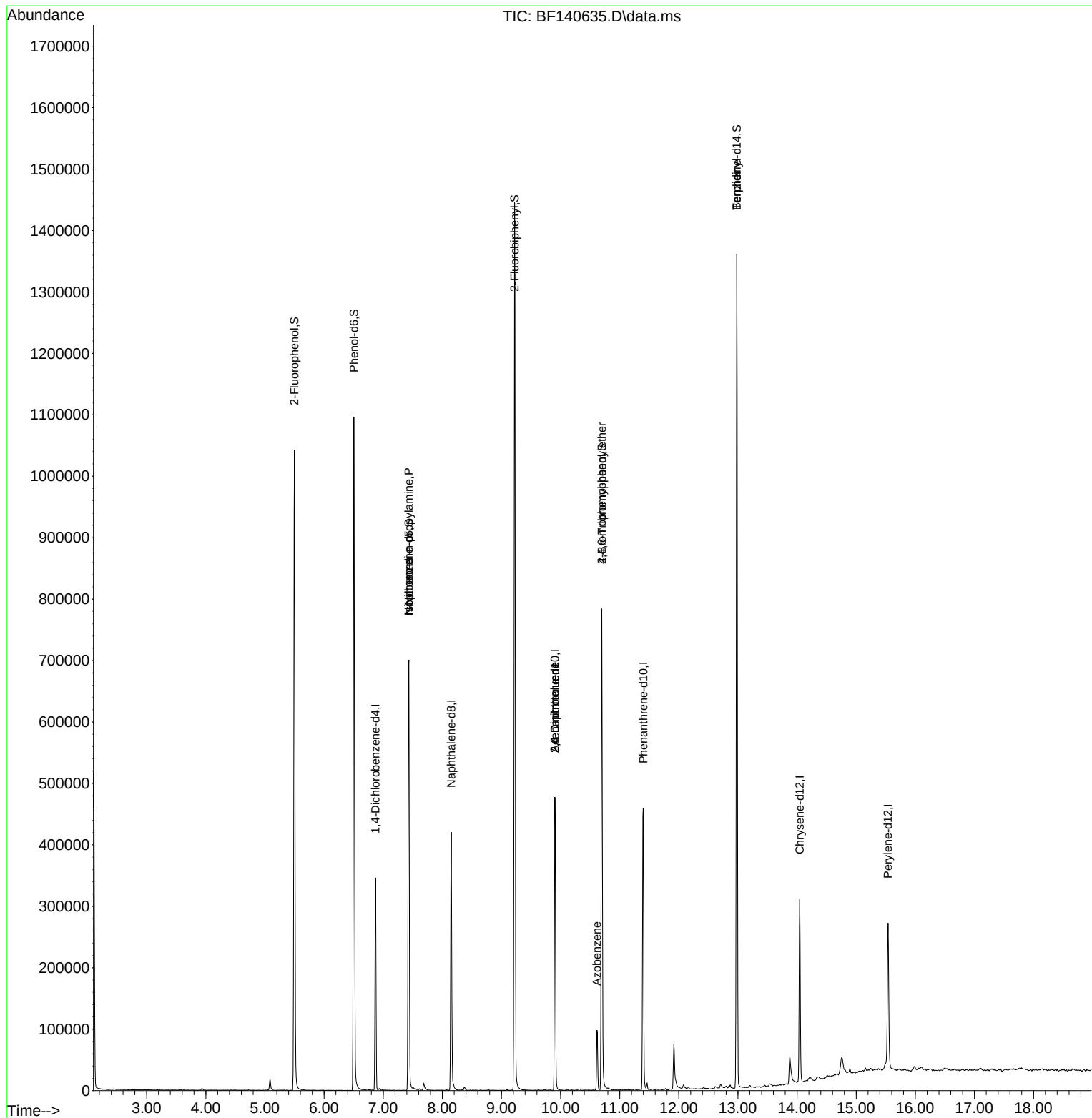
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73570	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	274159	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	145852	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	265820	20.000	ng	0.00
76) Chrysene-d12	14.045	240	148565	20.000	ng	0.00
86) Perylene-d12	15.539	264	141430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	407822	94.581	ng	0.00
7) Phenol-d6	6.504	99	522223	91.611	ng	-0.01
23) Nitrobenzene-d5	7.434	82	337354	62.941	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	137875	88.387	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	648388	66.236	ng	-0.01
79) Terphenyl-d14	12.980	244	660163	69.193	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	43640	12.954	ng	# 76
25) Isophorone	7.434	82	333140	37.265	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	18574	8.526	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	18574	6.415	ng	# 17
63) Azobenzene	10.616	77	27985	3.028	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8883	3.245	ng	# 1
77) Benzidine	12.980	184	8722	2.019	ng	# 91

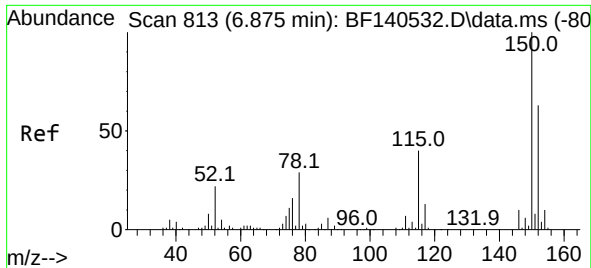
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
Data File : BF140635.D
Acq On : 26 Nov 2024 12:18
Operator : RC/JU
Sample : P4960-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW4

Quant Time: Nov 26 12:40:50 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

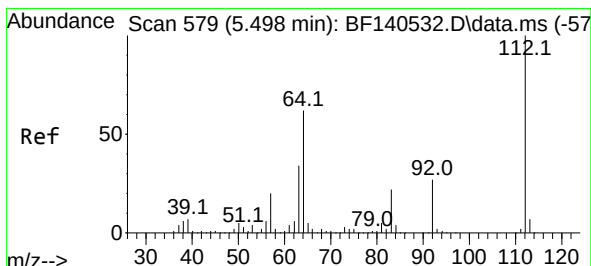
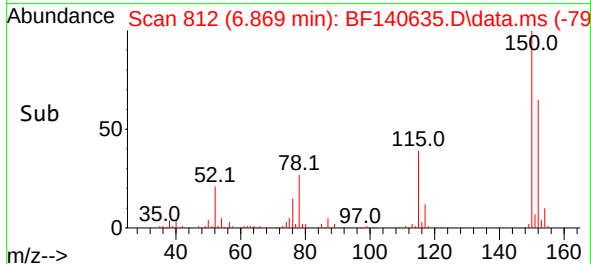
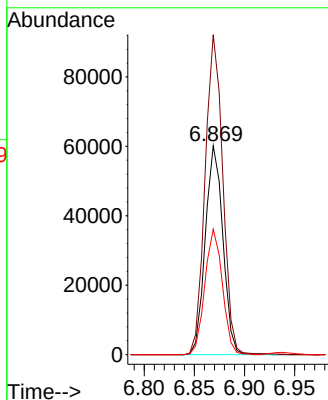
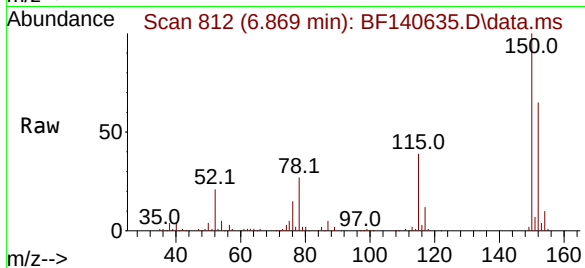




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

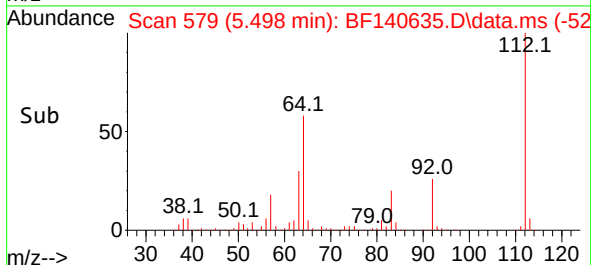
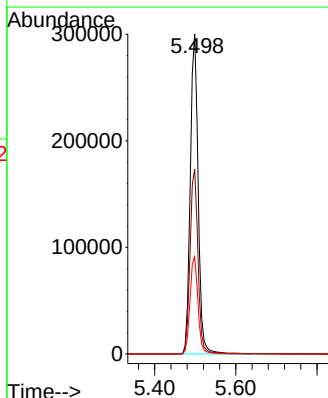
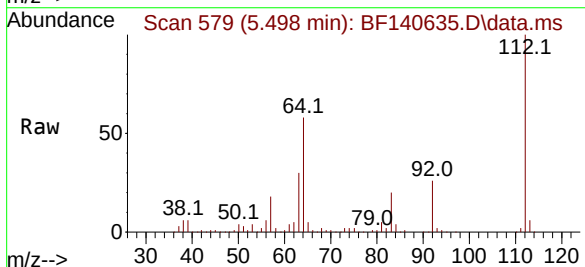
Instrument :
BNA_F
ClientSampleId :
SW4

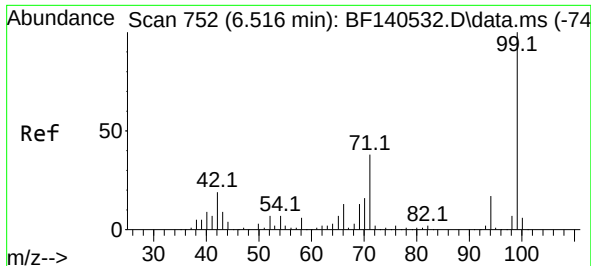
Tgt Ion:152 Resp: 73570
Ion Ratio Lower Upper
152 100
150 153.1 128.5 192.7
115 60.1 50.2 75.4



#5
2-Fluorophenol
Concen: 94.581 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Tgt Ion:112 Resp: 407822
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 30.4 27.0 40.4

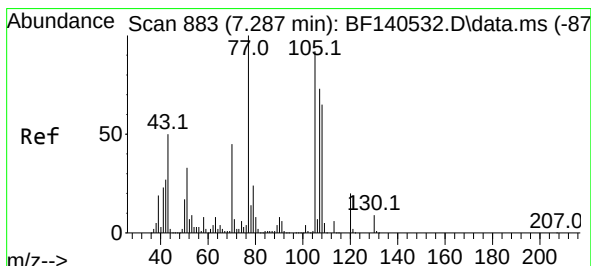
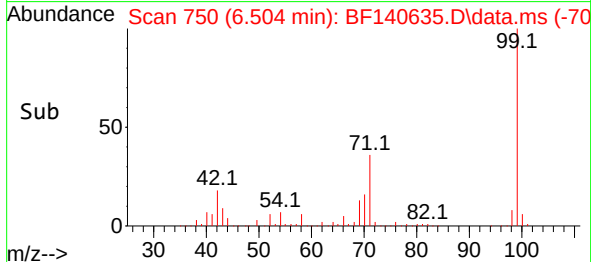
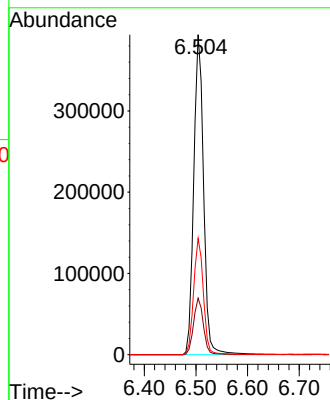
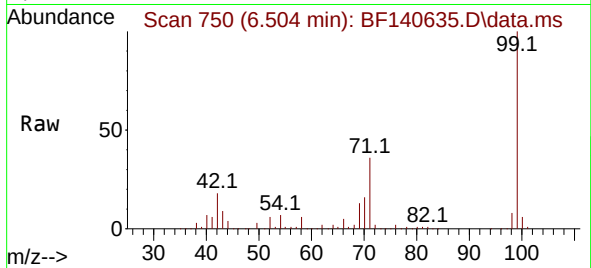




#7
Phenol-d6
Concen: 91.611 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

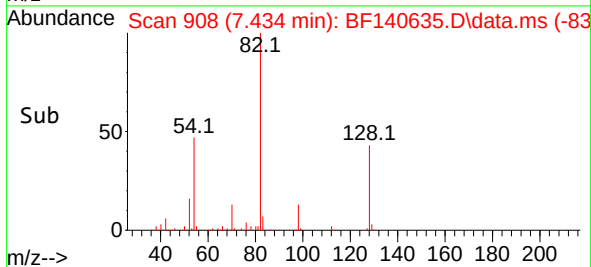
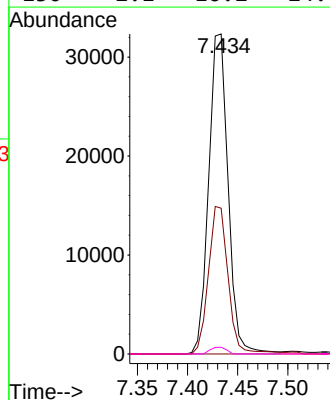
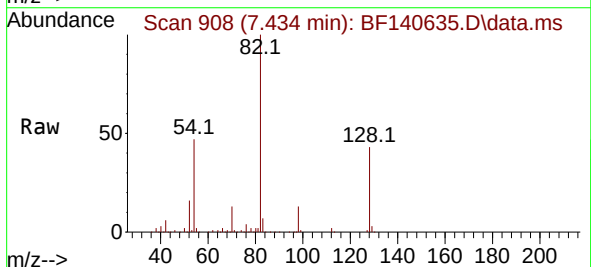
Instrument :
BNA_F
ClientSampleId :
SW4

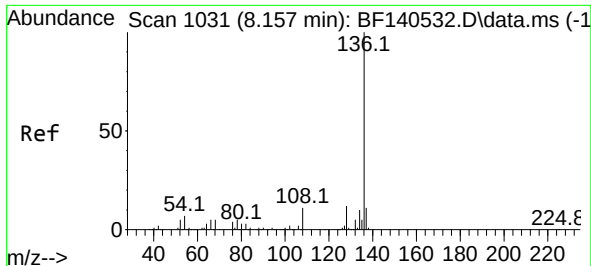
Tgt Ion: 99 Resp: 522223
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.954 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Tgt Ion: 70 Resp: 43640
Ion Ratio Lower Upper
70 100
42 45.5 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#

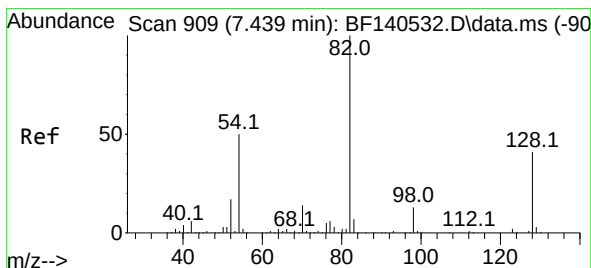
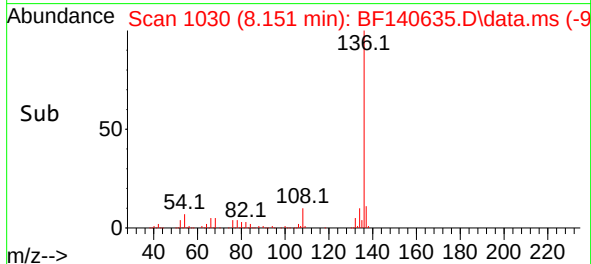
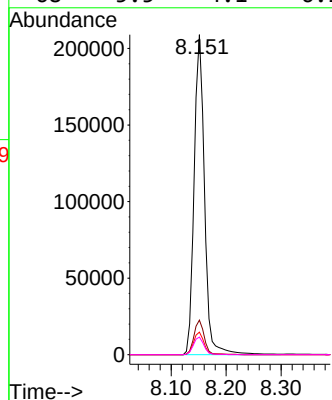
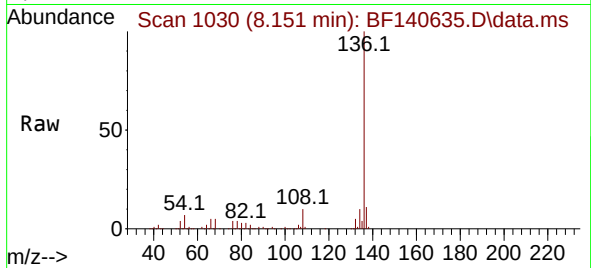




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

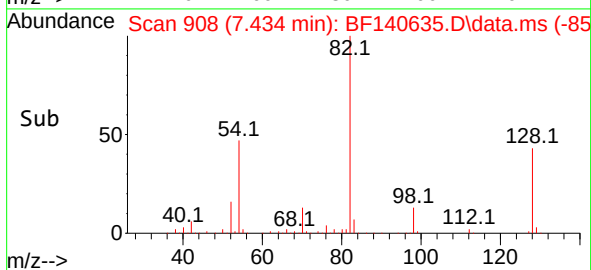
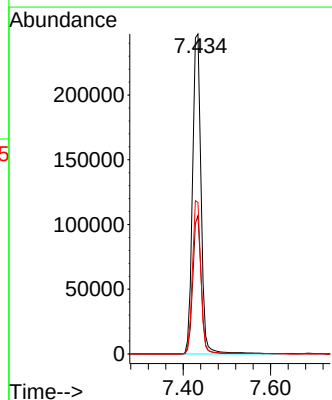
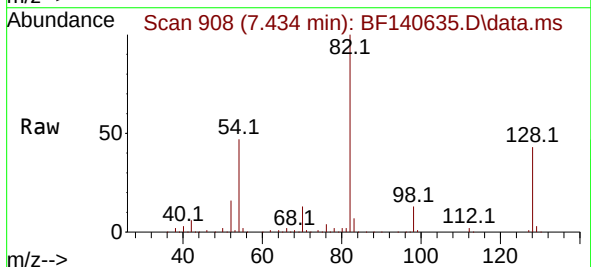
Instrument :
BNA_F
ClientSampleId :
SW4

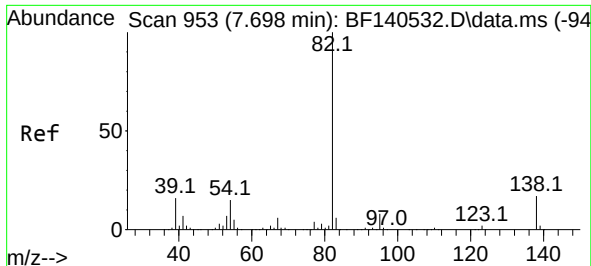
Tgt Ion:136 Resp: 274159
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.8 8.8
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 62.941 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Tgt Ion: 82 Resp: 337354
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.4
54 47.3 39.5 59.3

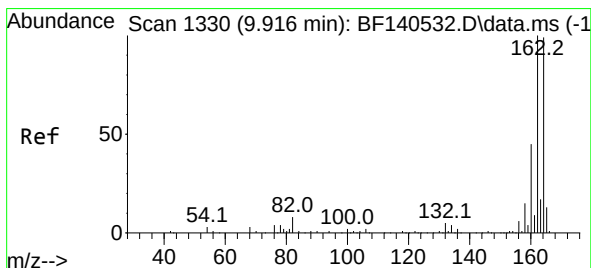
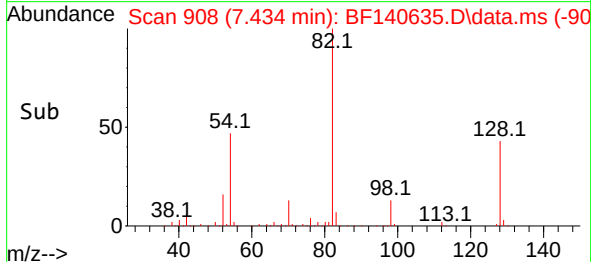
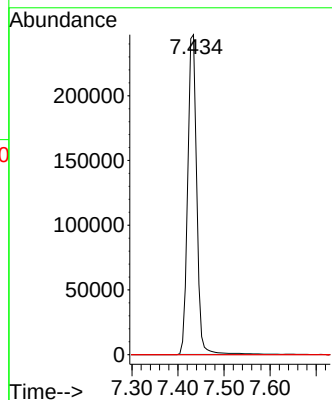
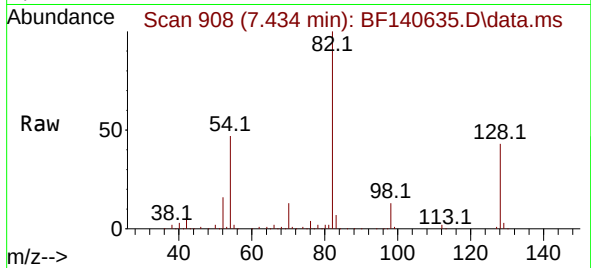




#25
Isophorone
Concen: 37.265 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

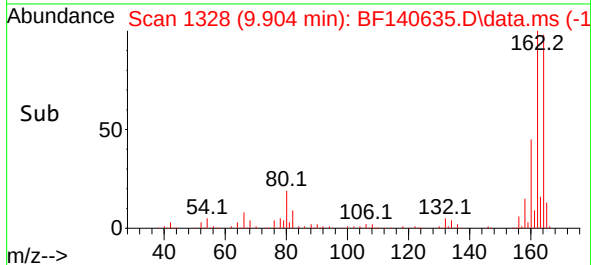
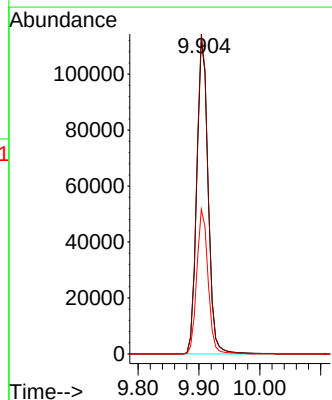
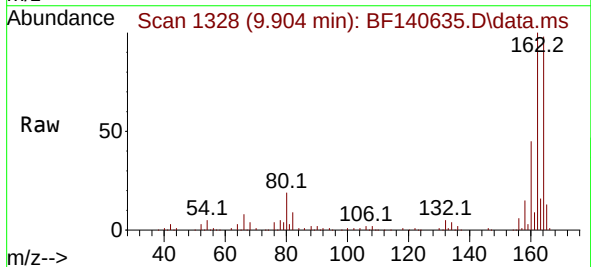
Instrument :
BNA_F
ClientSampleId :
SW4

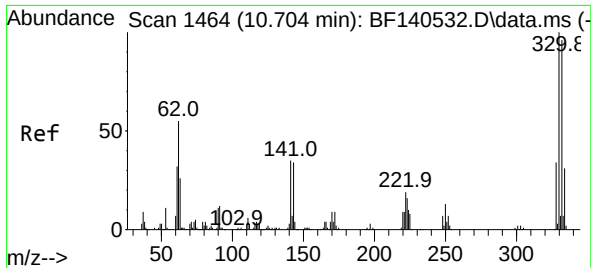
Tgt Ion: 82 Resp: 333140
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Tgt Ion:164 Resp: 145852
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 46.0 36.2 54.4

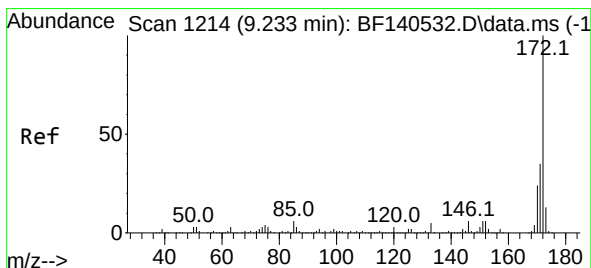
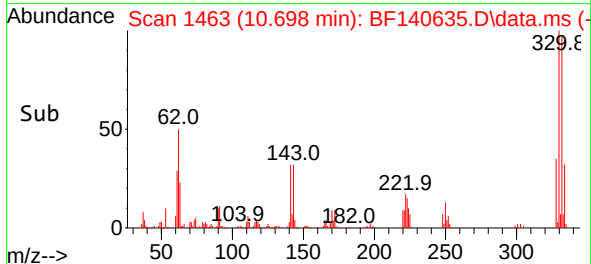
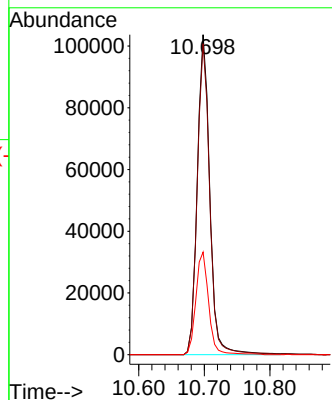
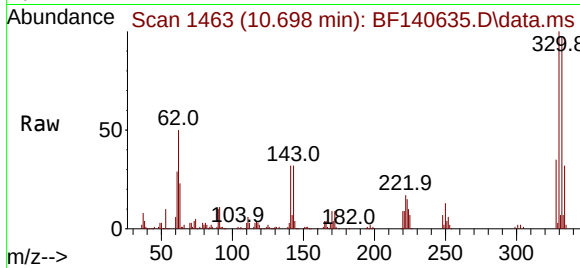




#42
2,4,6-Tribromophenol
Concen: 88.387 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

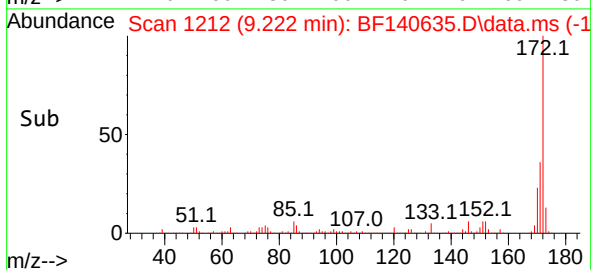
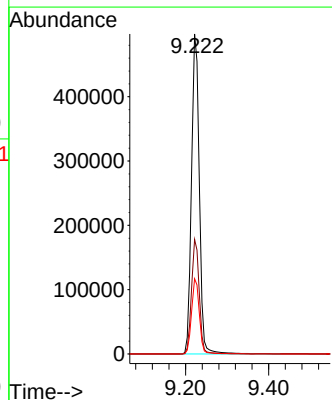
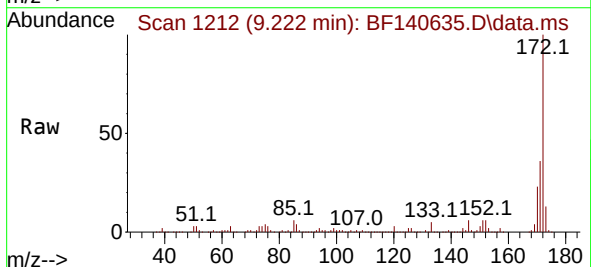
Instrument :
BNA_F
ClientSampleId :
SW4

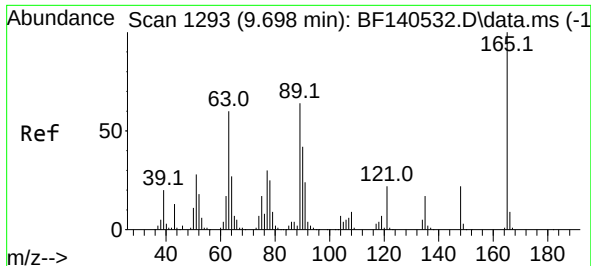
Tgt Ion: 330 Resp: 137875
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 32.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 66.236 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Tgt Ion: 172 Resp: 648388
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.0 28.6

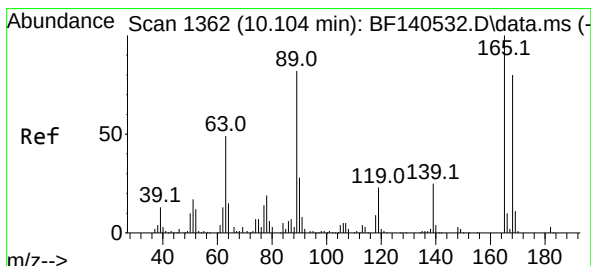
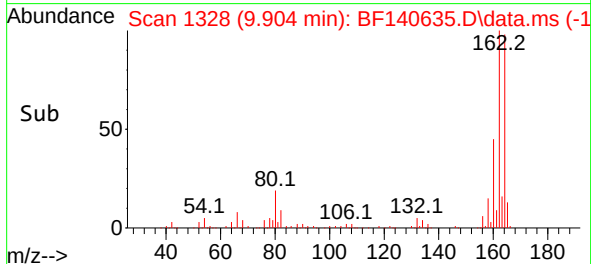
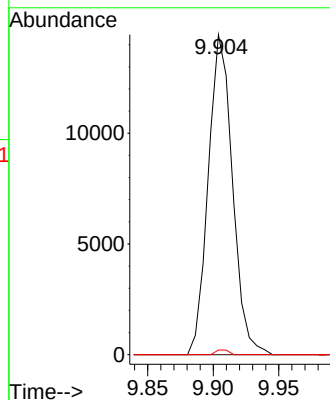
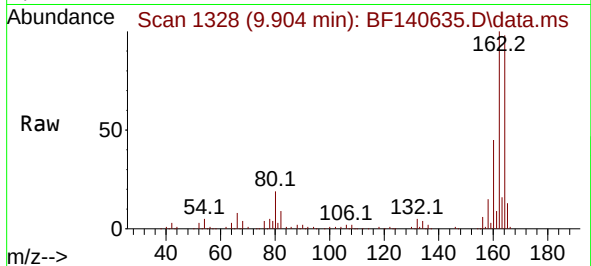




#51
2,6-Dinitrotoluene
Concen: 8.526 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

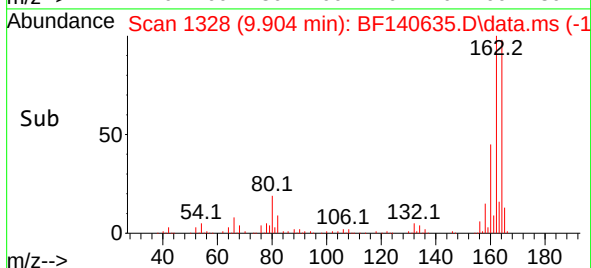
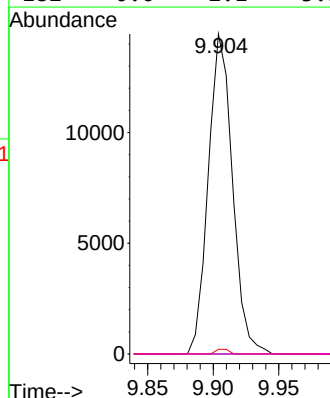
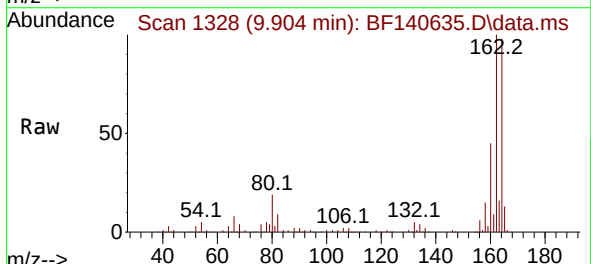
Instrument :
BNA_F
ClientSampleId :
SW4

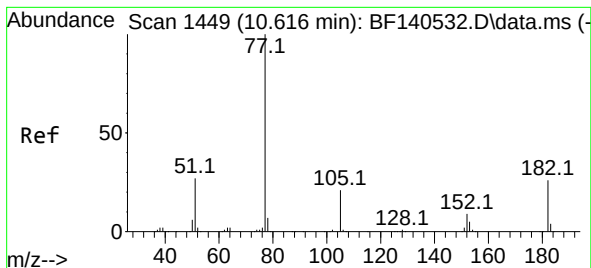
Tgt Ion:165 Resp: 18574
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.4 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Tgt Ion:165 Resp: 18574
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.4 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.028 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140635.D

Acq: 26 Nov 2024 12:18

Instrument :

BNA_F

ClientSampleId :

SW4

Tgt Ion: 77 Resp: 27985

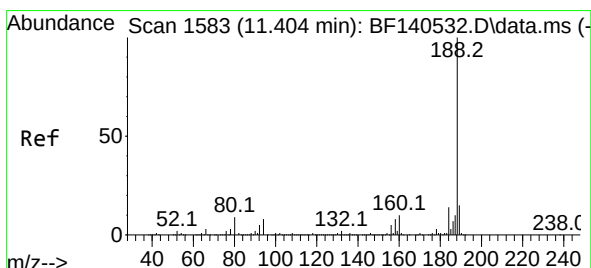
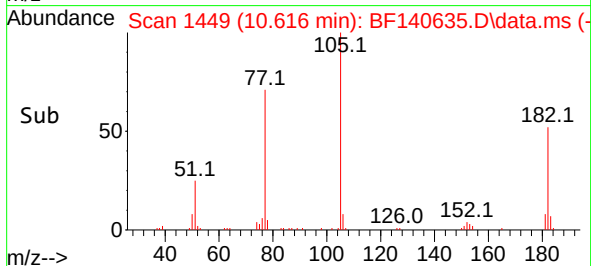
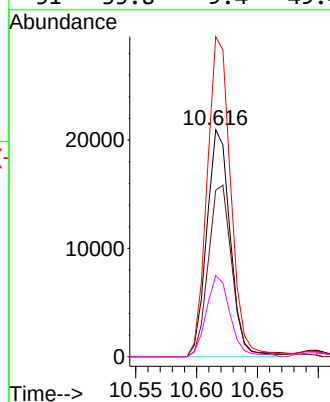
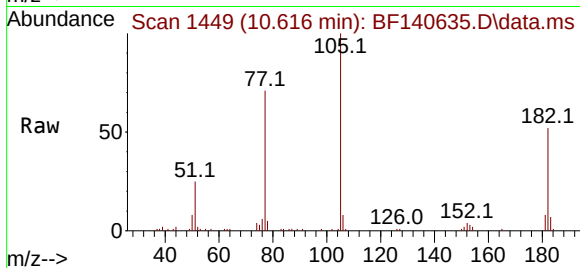
Ion Ratio Lower Upper

77 100

182 73.4 5.3 45.3#

105 141.0 0.3 40.3#

51 35.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140635.D

Acq: 26 Nov 2024 12:18

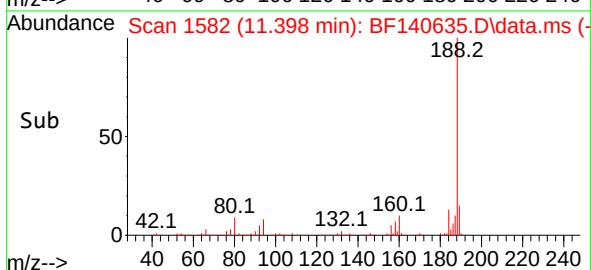
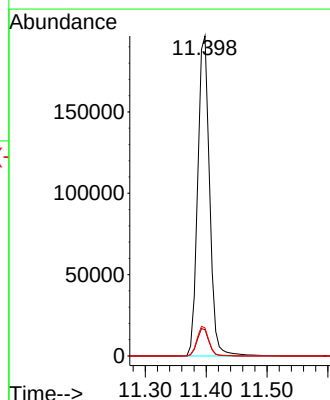
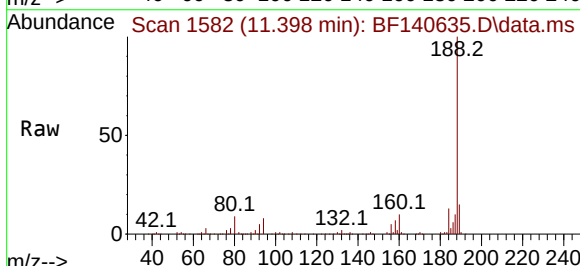
Tgt Ion: 188 Resp: 265820

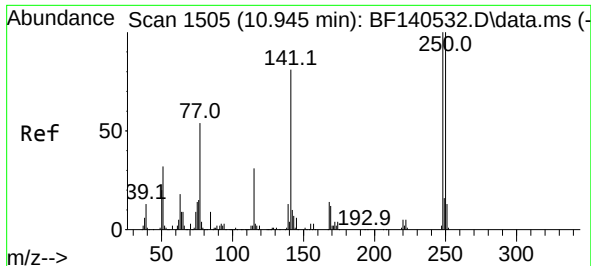
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.9 10.3

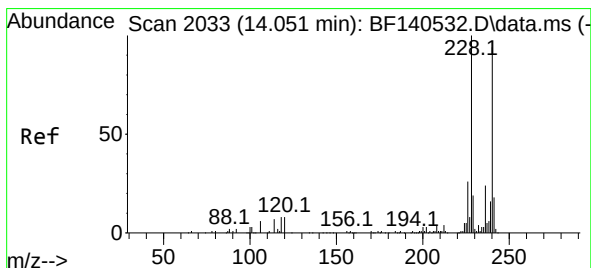
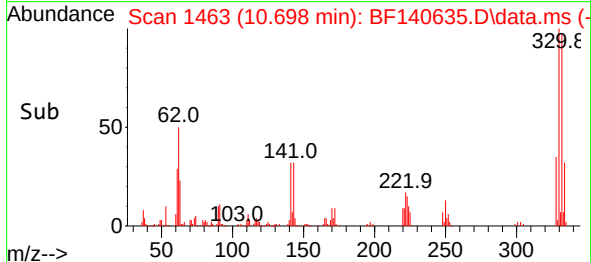
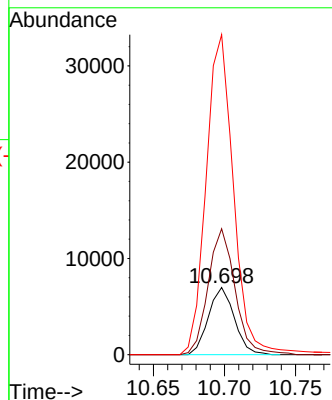
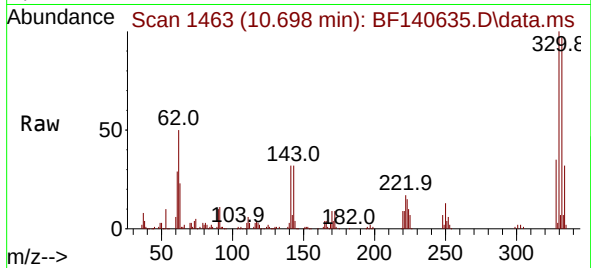




#67
4-Bromophenyl-phenylether
Concen: 3.245 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

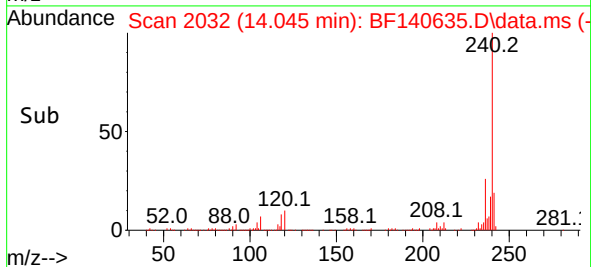
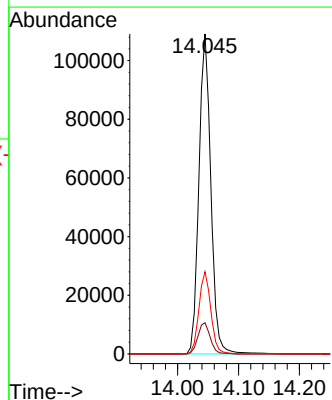
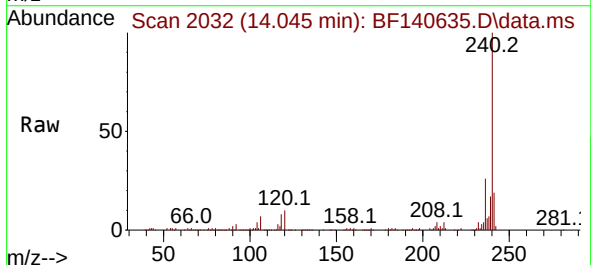
Instrument :
BNA_F
ClientSampleId :
SW4

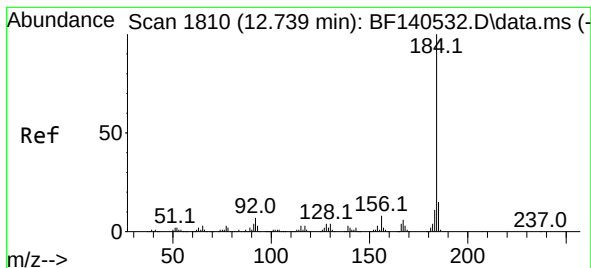
Tgt Ion:248 Resp: 8883
Ion Ratio Lower Upper
248 100
250 187.6 79.8 119.8#
141 476.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Tgt Ion:240 Resp: 148565
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.7 20.6 31.0





#77

Benzidine

Concen: 2.019 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.241 min

Lab File: BF140635.D

Acq: 26 Nov 2024 12:18

Instrument :

BNA_F

ClientSampleId :

SW4

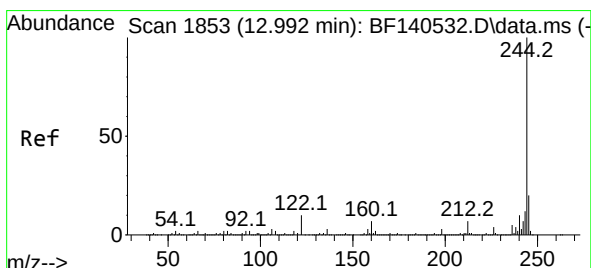
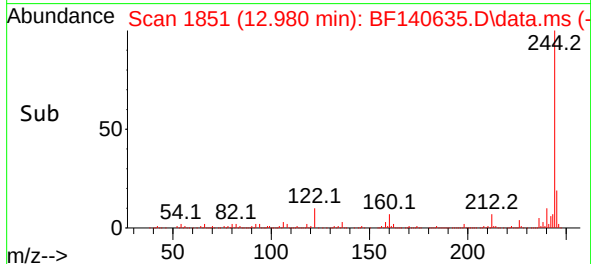
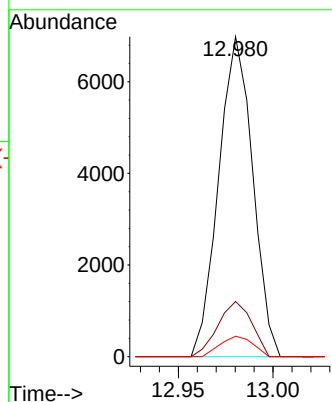
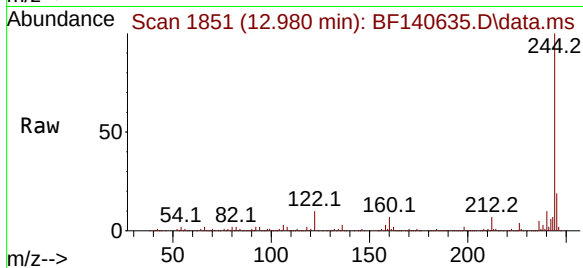
Tgt Ion:184 Resp: 8722

Ion Ratio Lower Upper

184 100

185 17.3 11.7 17.5

183 6.4 8.8 13.2#



#79

Terphenyl-d14

Concen: 69.193 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140635.D

Acq: 26 Nov 2024 12:18

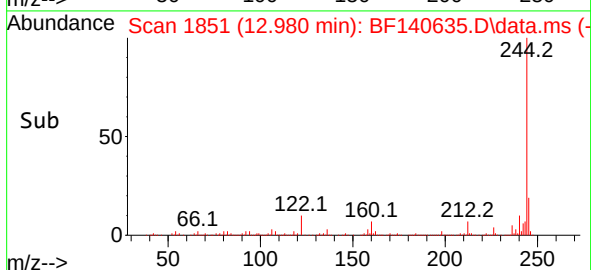
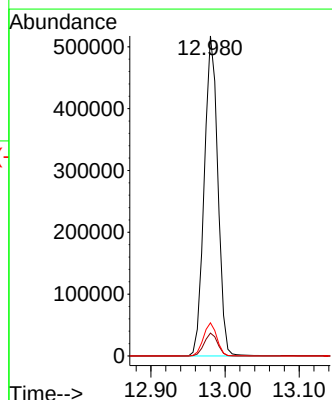
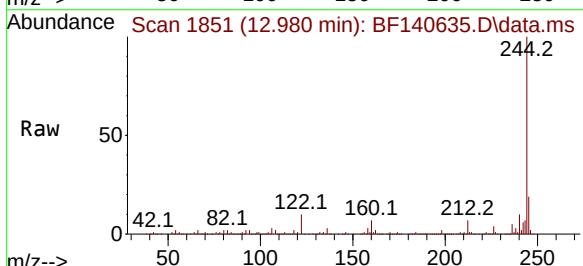
Tgt Ion:244 Resp: 660163

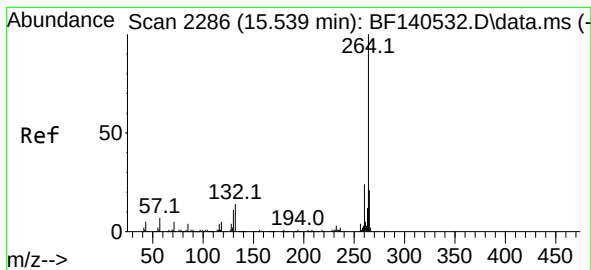
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.3 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140635.D

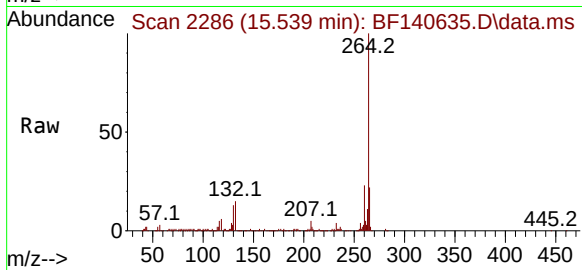
Acq: 26 Nov 2024 12:18

Instrument :

BNA_F

ClientSampleId :

SW4



Tgt Ion:264 Resp: 141430

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.7 16.6 25.0

