

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

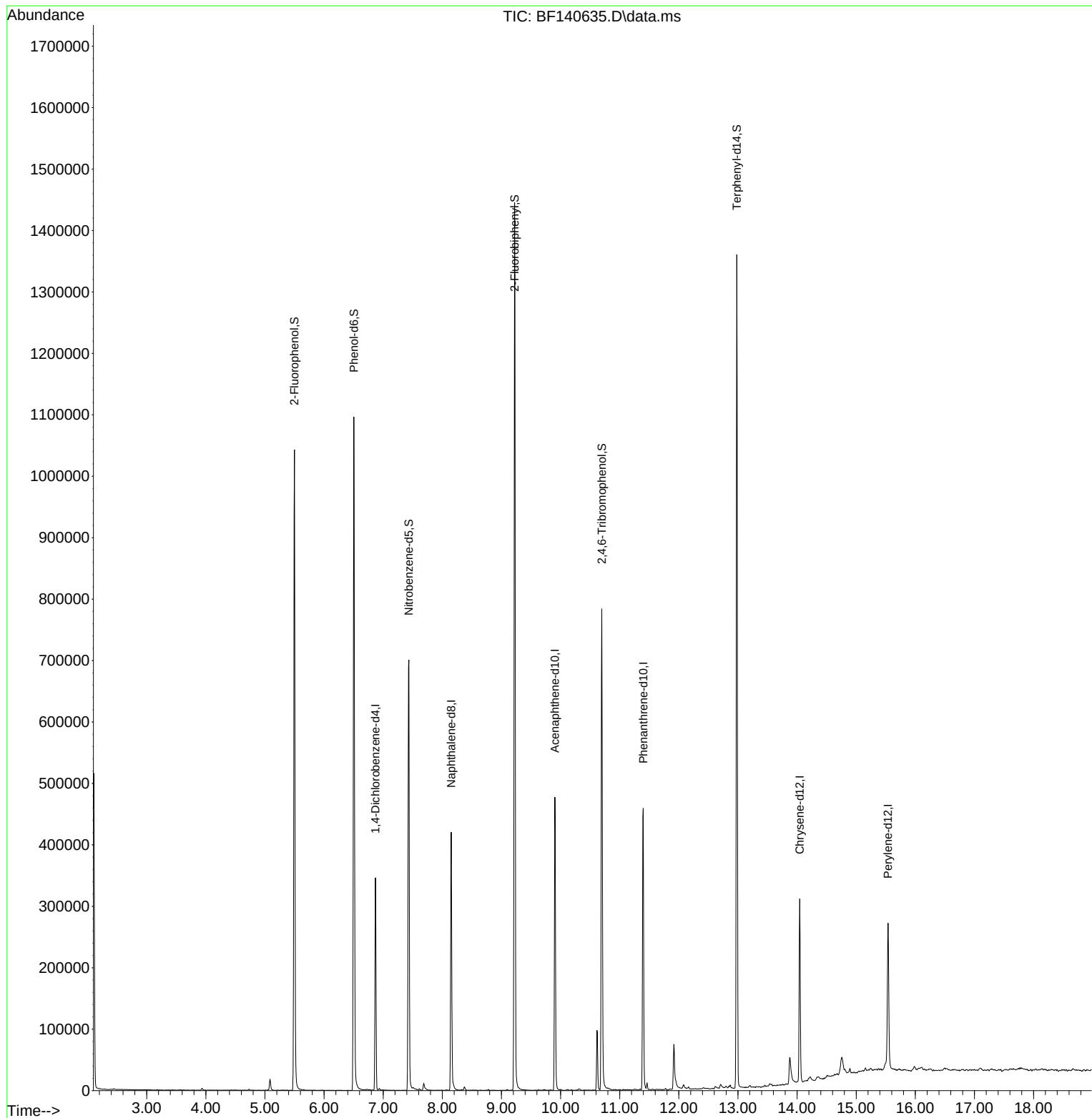
Target Compounds	Qvalue

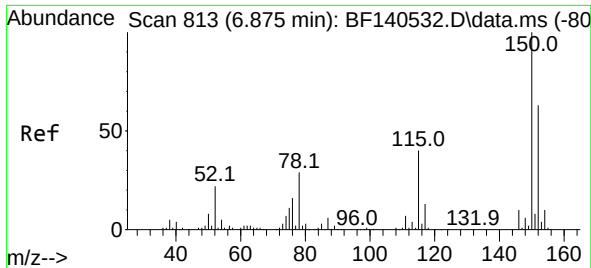
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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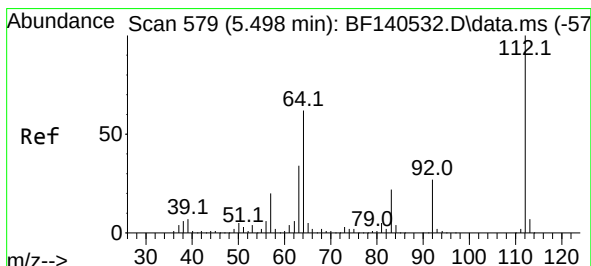
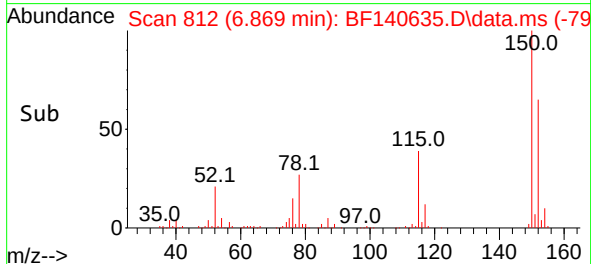
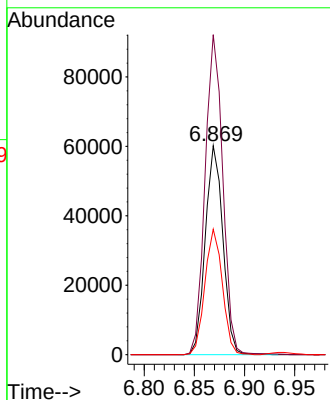
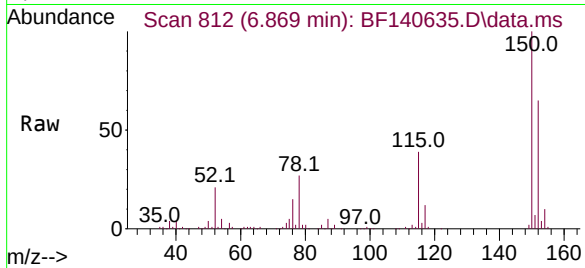




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

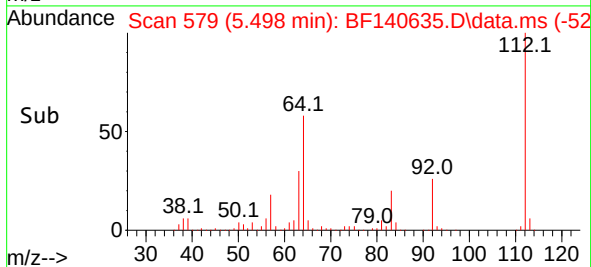
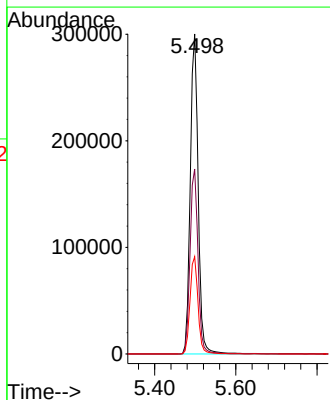
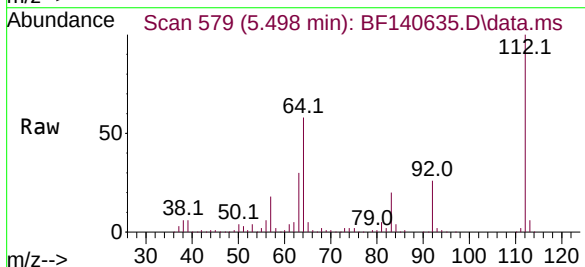
Instrument :
BNA_F
ClientSampleId :
SW4

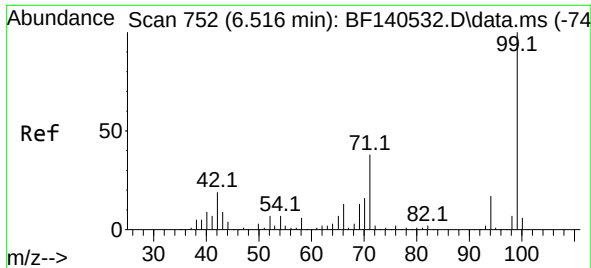
Tgt Ion:152 Resp: 73570
Ion Ratio Lower Upper
152 100
150 153.1 128.5 192.7
115 60.1 50.2 75.4



#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

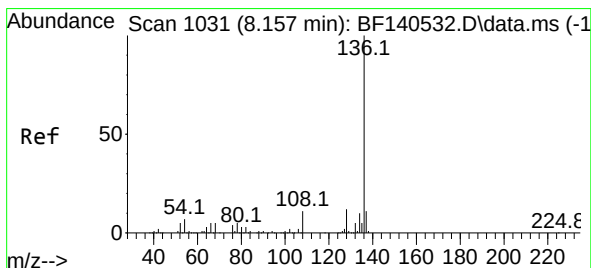
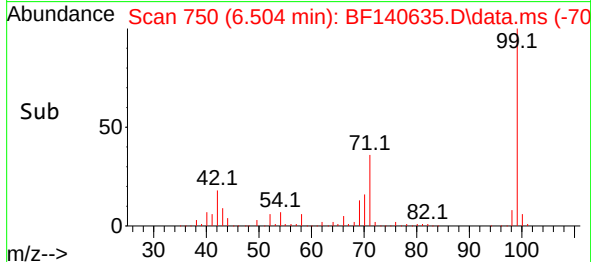
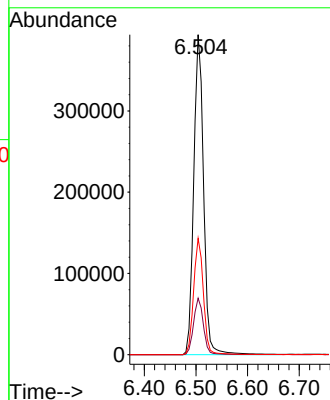
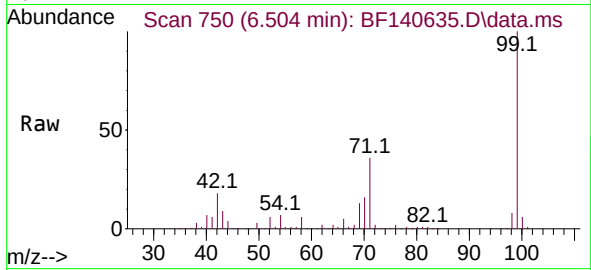
Tgt Ion: 99 Resp: 522223

Ion Ratio Lower Upper

99 100

42 17.6 15.4 23.0

71 36.3 30.6 46.0



#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

Tgt Ion: 136 Resp: 274159

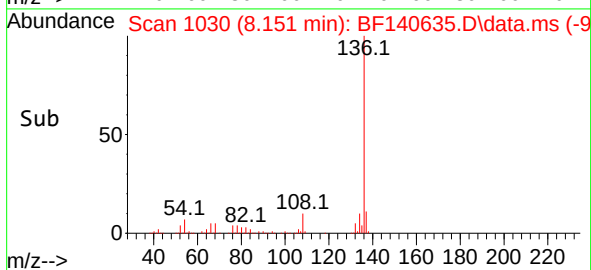
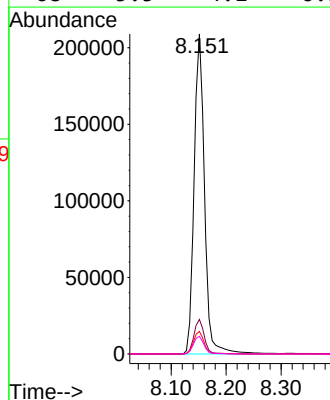
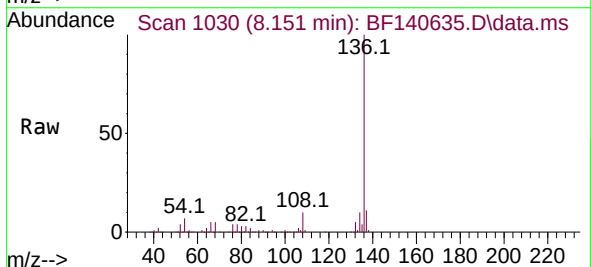
Ion Ratio Lower Upper

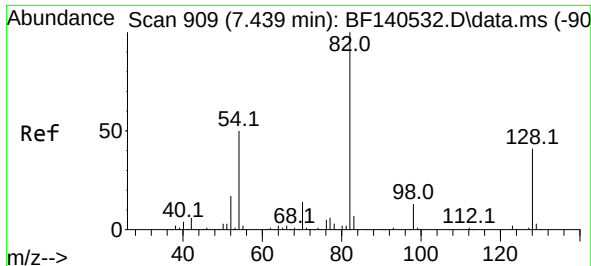
136 100

137 10.8 8.6 13.0

54 7.1 5.8 8.8

68 5.5 4.1 6.1

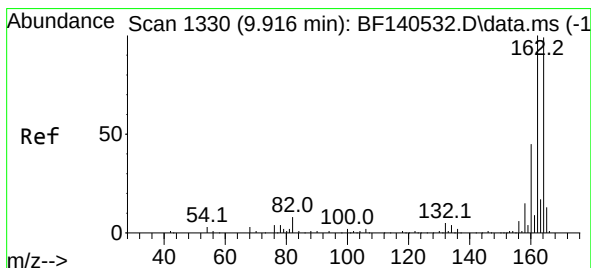
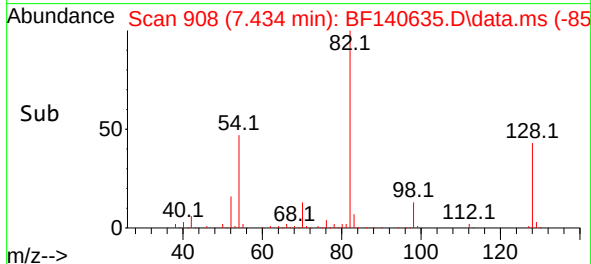
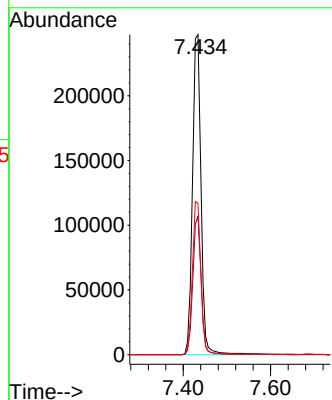
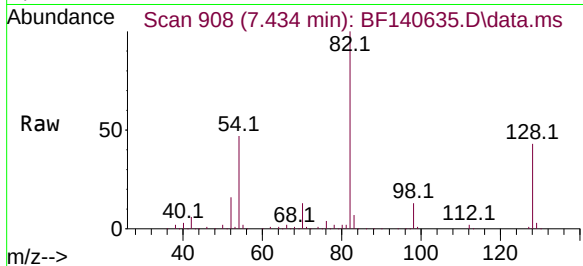




#23
 Nitrobenzene-d5
 Concen: 62.941 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140635.D
 Acq: 26 Nov 2024 12:18

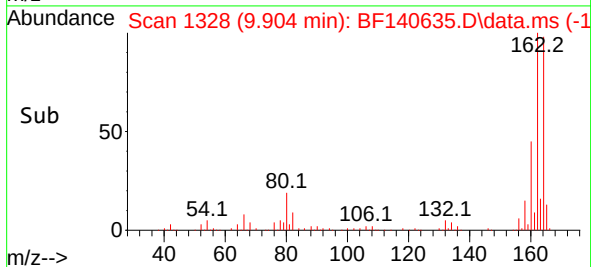
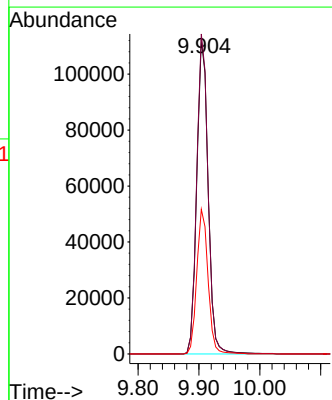
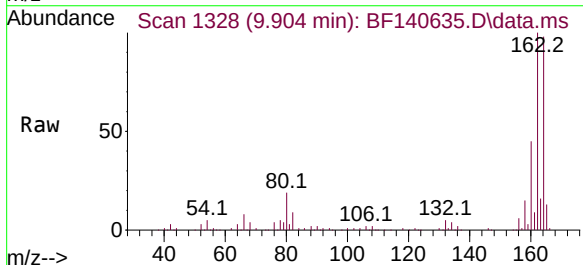
Instrument :
 BNA_F
 ClientSampleId :
 SW4

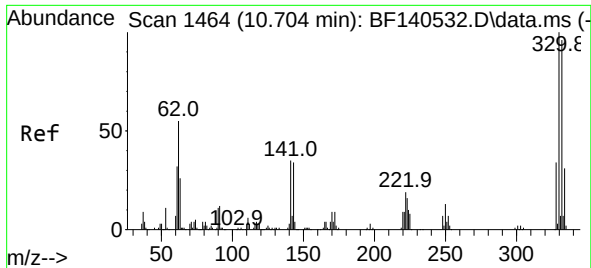
Tgt Ion: 82 Resp: 337354
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.0 49.4
 54 47.3 39.5 59.3



#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

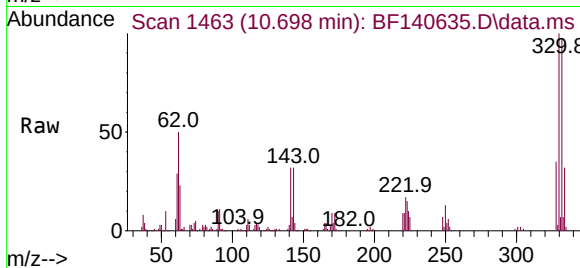
Tgt Ion:164 Resp: 145852
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.6 120.8
 160 46.0 36.2 54.4



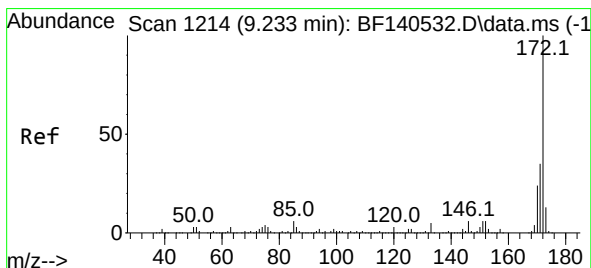
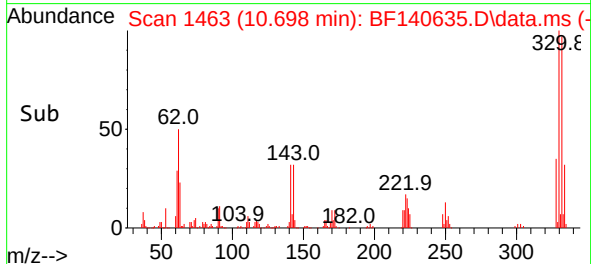
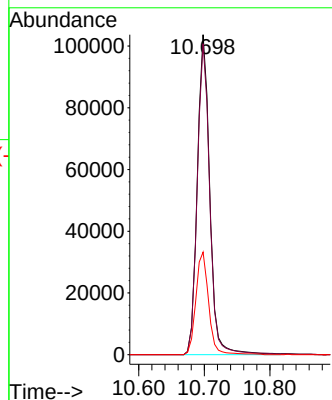


#42
2,4,6-Tribromophenol
Concen: 88.387 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140635.D
Acq: 26 Nov 2024 12:18

Instrument :
BNA_F
ClientSampleId :
SW4

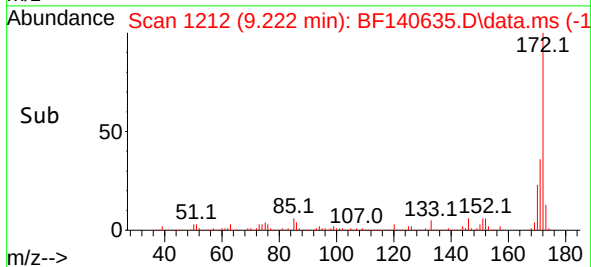
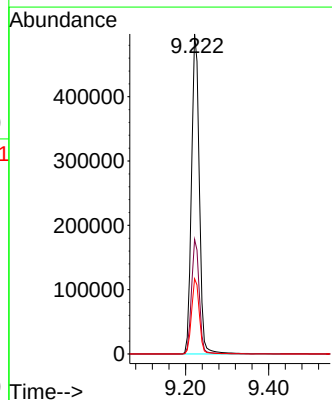
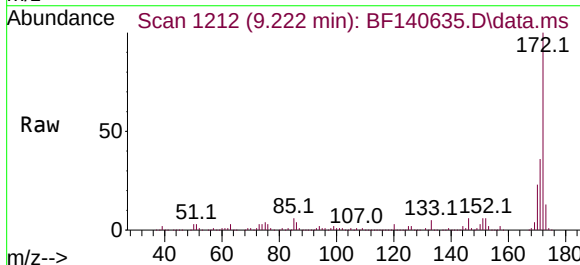


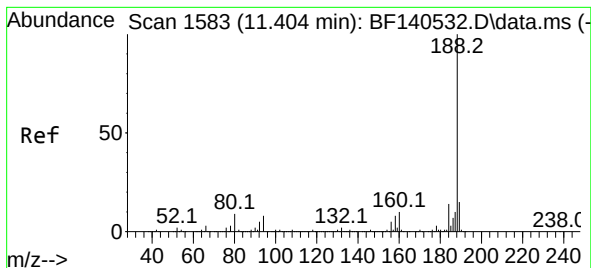
Tgt Ion: 330 Resp: 137875
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 32.7 26.7 40.1



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140635.D

Acq: 26 Nov 2024 12:18

Instrument :

BNA_F

ClientSampleId :

SW4

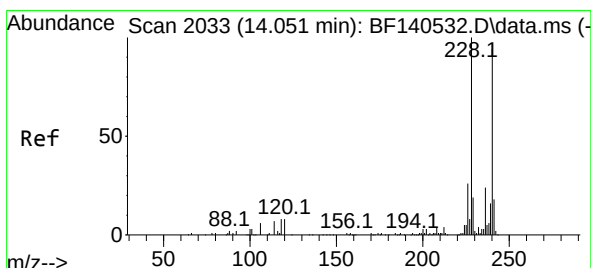
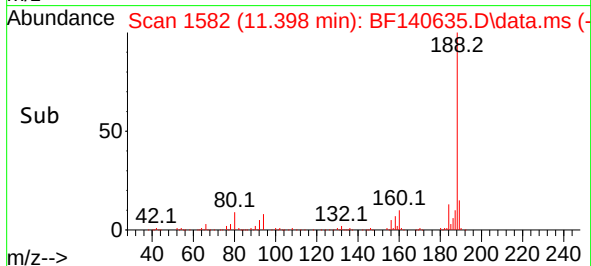
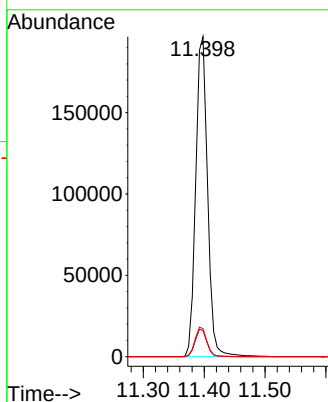
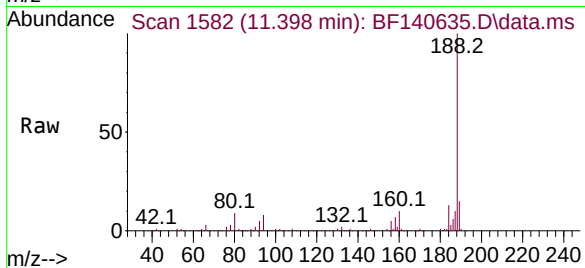
Tgt Ion:188 Resp: 265820

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.9 10.3



#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

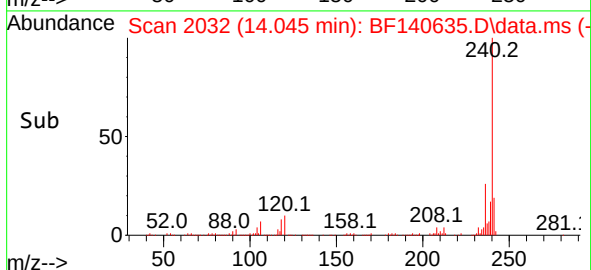
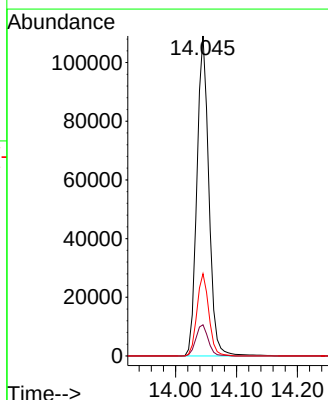
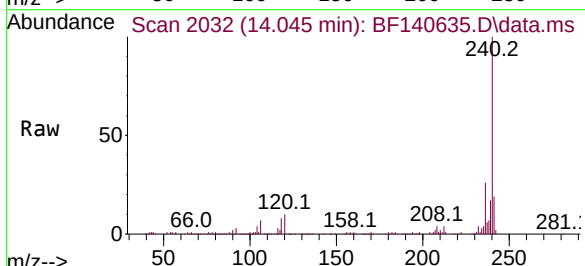
Tgt Ion:240 Resp: 148565

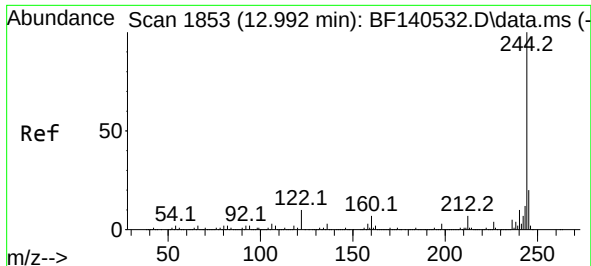
Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 25.7 20.6 31.0

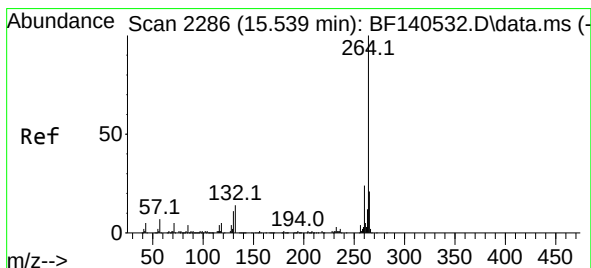
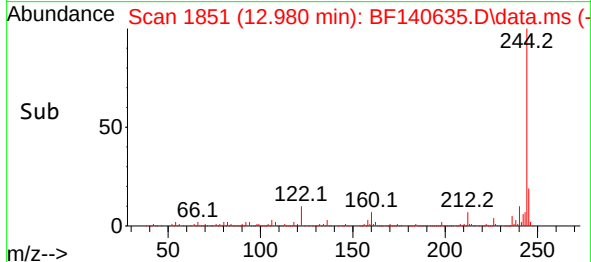
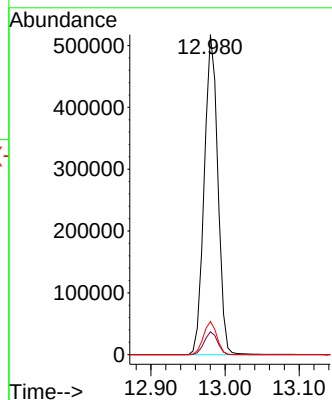
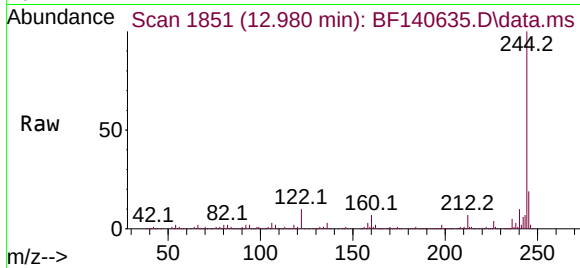




#79
 Terphenyl-d14
 Concen: 69.193 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140635.D
 Acq: 26 Nov 2024 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SW4

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# 2286
 Delta R.T. -0.000 min
 Lab File: BF140635.D
 Acq: 26 Nov 2024 12:18

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

