

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140660.D
 Acq On : 27 Nov 2024 10:56
 Operator : RC/JU
 Sample : PB165159TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165159TB

Quant Time: Nov 27 12:03:28 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)

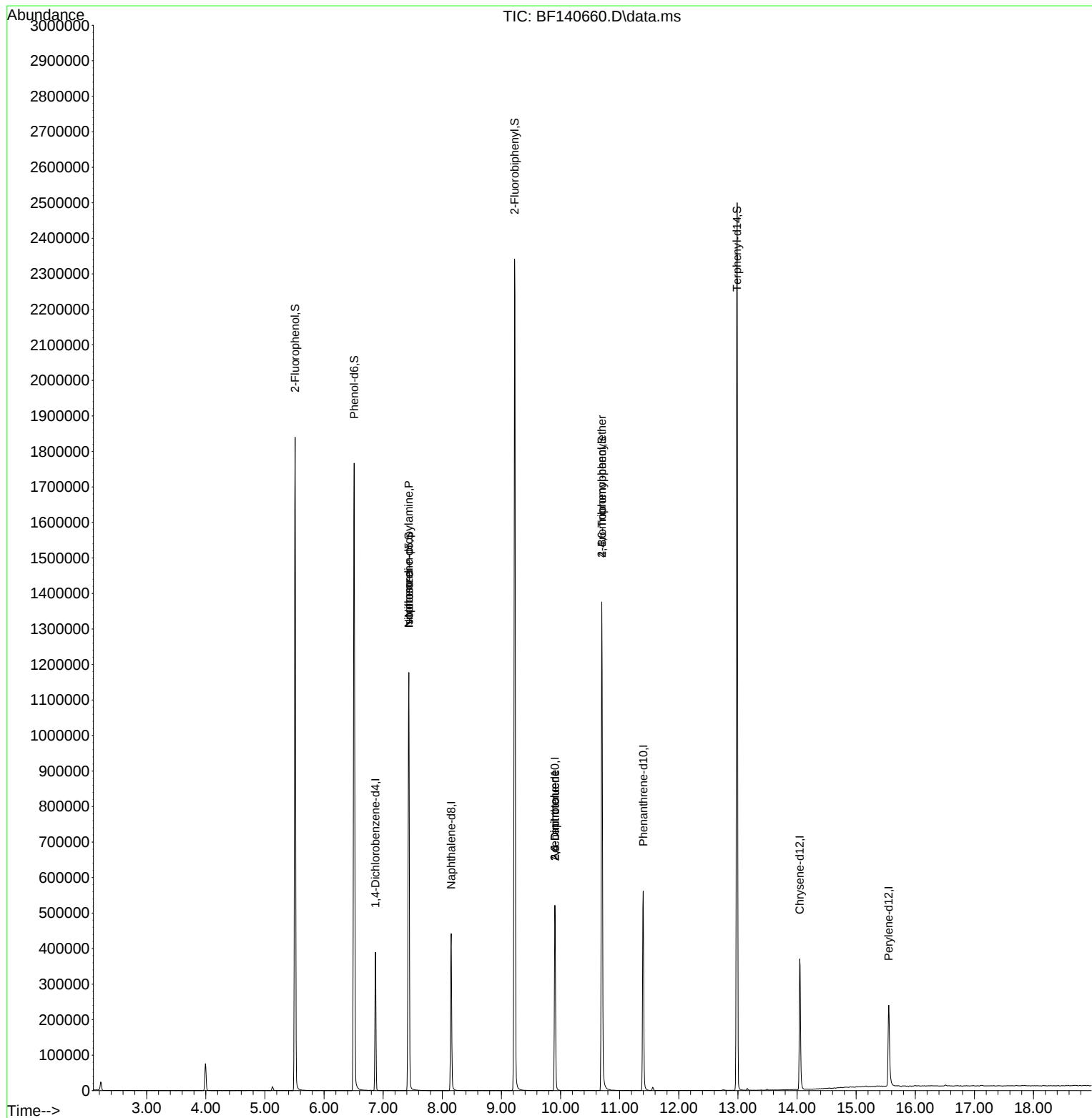
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81521	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	304933	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	169987	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	328989	20.000	ng	0.00
76) Chrysene-d12	14.045	240	206359	20.000	ng	0.00
86) Perylene-d12	15.551	264	168895	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	700313	146.573	ng	0.01
7) Phenol-d6	6.510	99	897128	142.029	ng	0.00
23) Nitrobenzene-d5	7.434	82	587728	98.587	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	257720	141.758	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1133465	99.349	ng	-0.01
79) Terphenyl-d14	12.986	244	1291779	97.474	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	79942	21.415	ng	# 75
25) Isophorone	7.434	82	579864	58.317	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	21575	8.497	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21575	6.394	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16434	4.851	ng	# 1

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

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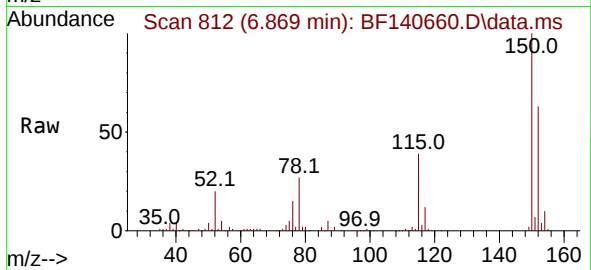
Quant Time: Nov 27 12:03:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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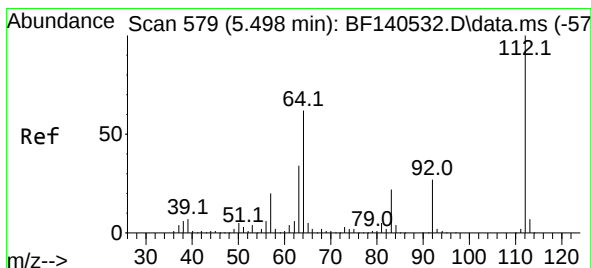
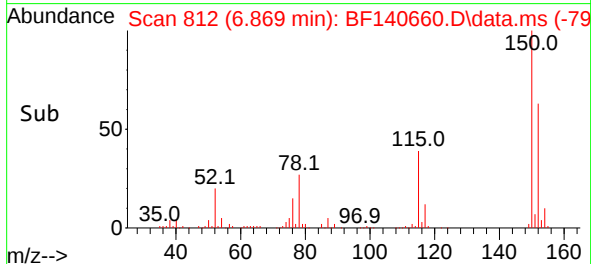
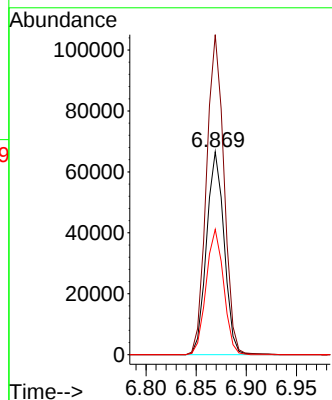


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB165159TB

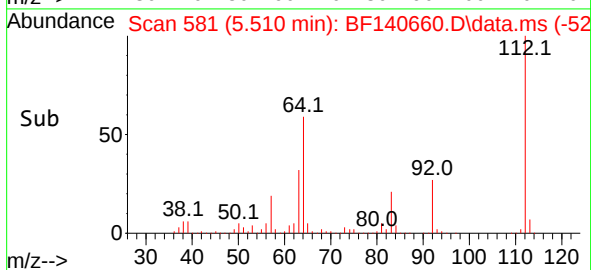
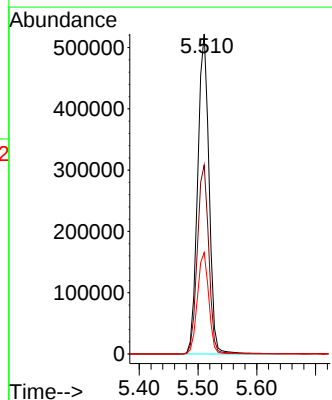
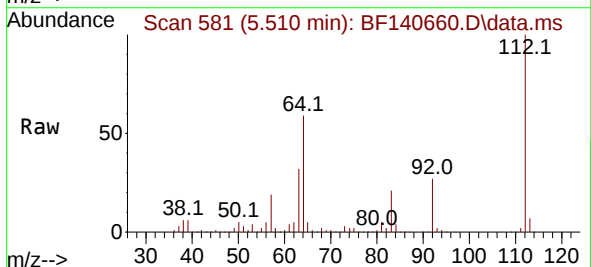


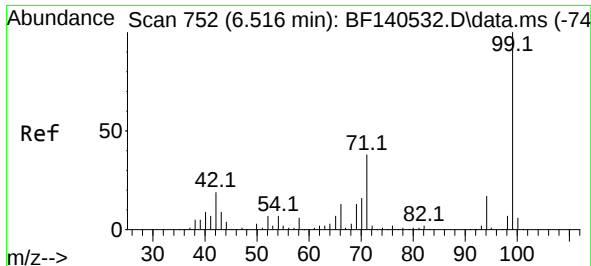
Tgt Ion:152 Resp: 81521
Ion Ratio Lower Upper
152 100
150 157.7 128.5 192.7
115 61.8 50.2 75.4



#5
2-Fluorophenol
Concen: 146.573 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

Tgt Ion:112 Resp: 700313
Ion Ratio Lower Upper
112 100
64 59.0 49.2 73.8
63 31.7 27.0 40.4

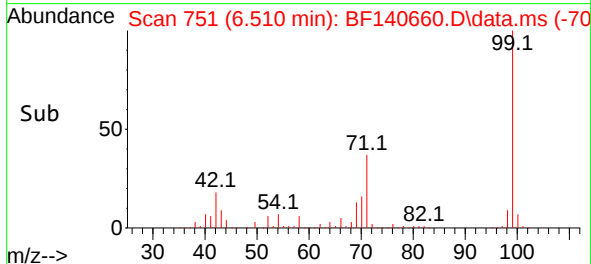
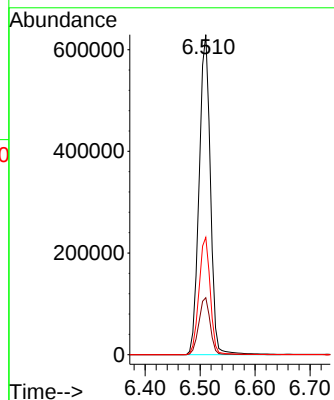
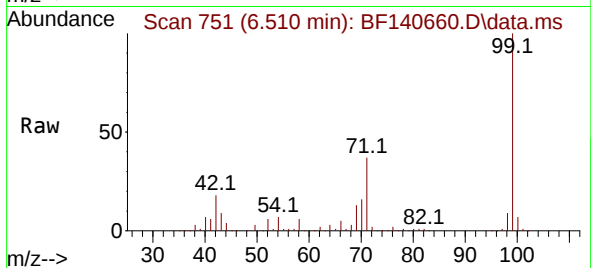




#7
Phenol-d6
Concen: 142.029 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

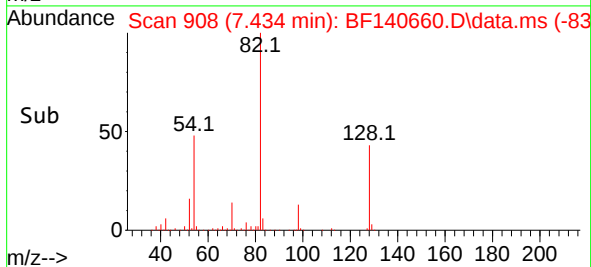
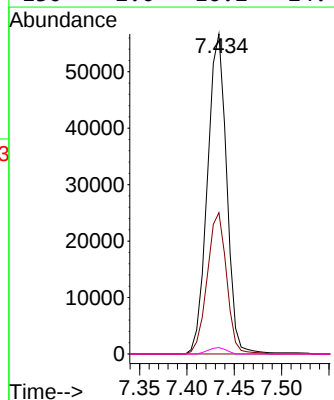
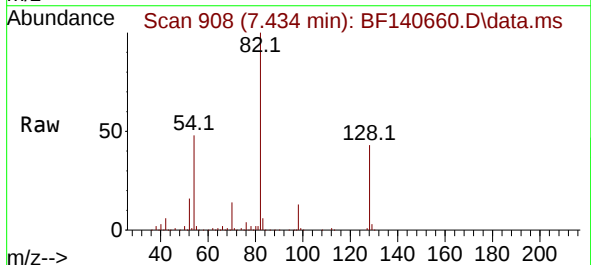
Instrument :
BNA_F
ClientSampleId :
PB165159TB

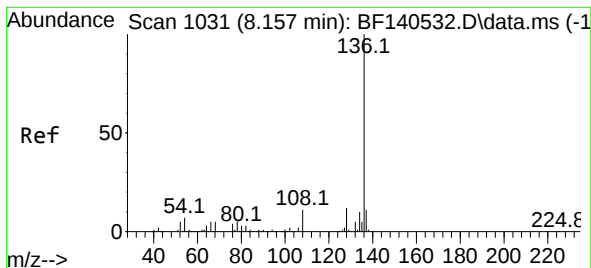
Tgt Ion: 99 Resp: 897128
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.415 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

Tgt Ion: 70 Resp: 79942
Ion Ratio Lower Upper
70 100
42 44.2 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140660.D

Acq: 27 Nov 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB165159TB

Tgt Ion:136 Resp: 304933

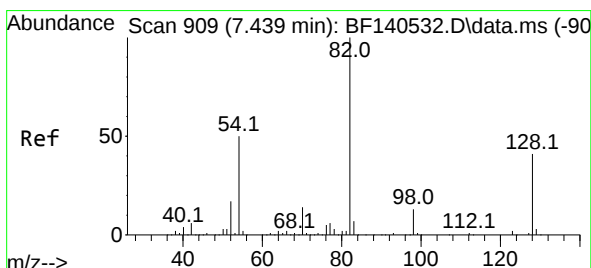
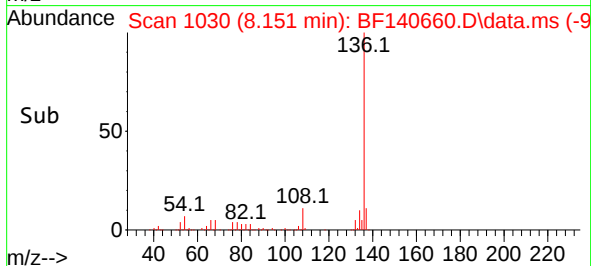
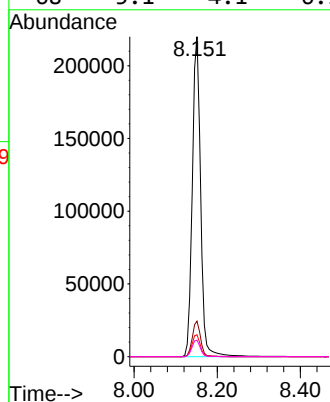
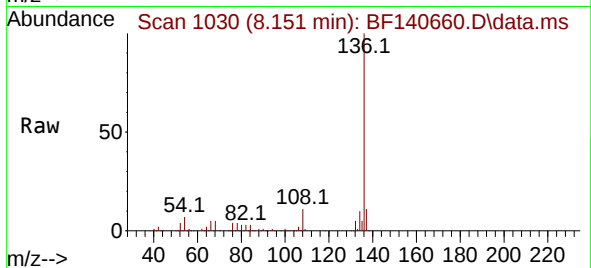
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.9 5.8 8.8

68 5.1 4.1 6.1



#23

Nitrobenzene-d5

Concen: 98.587 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140660.D

Acq: 27 Nov 2024 10:56

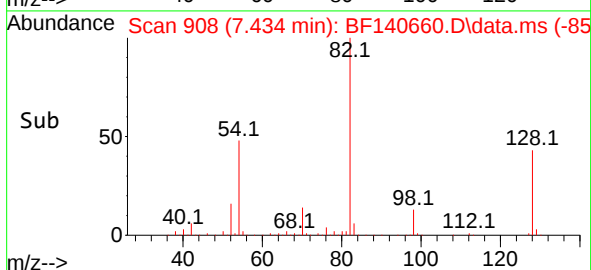
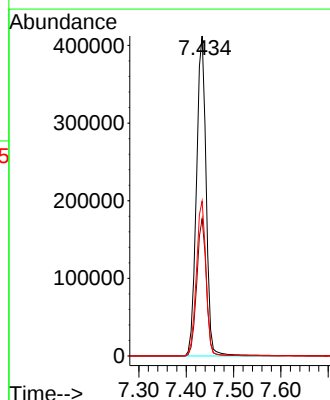
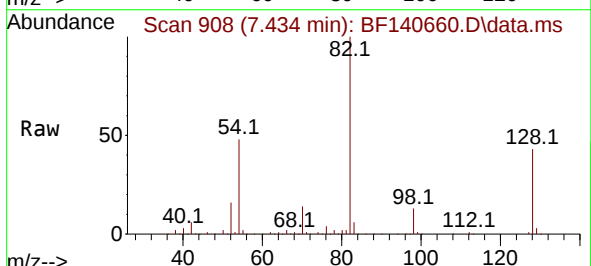
Tgt Ion: 82 Resp: 587728

Ion Ratio Lower Upper

82 100

128 42.9 33.0 49.4

54 48.4 39.5 59.3

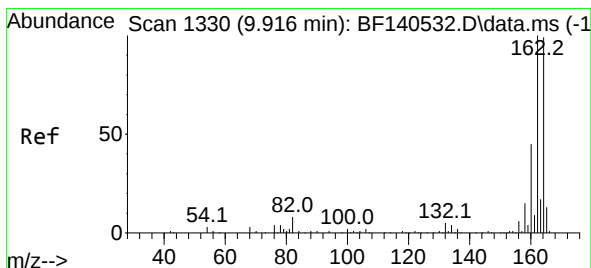
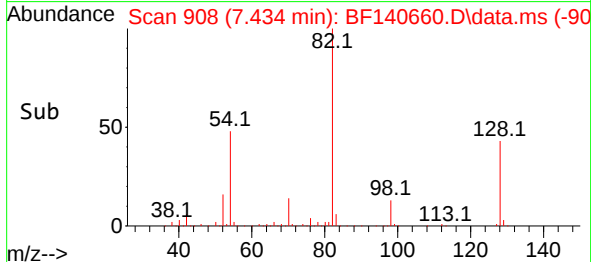
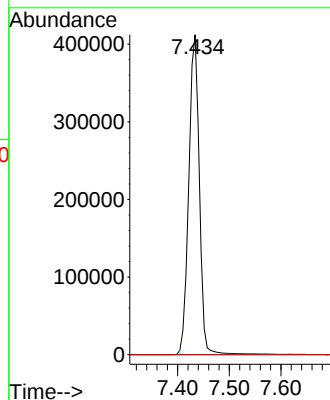
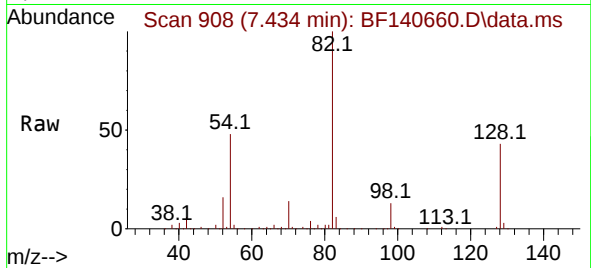




#25
Isophorone
Concen: 58.317 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

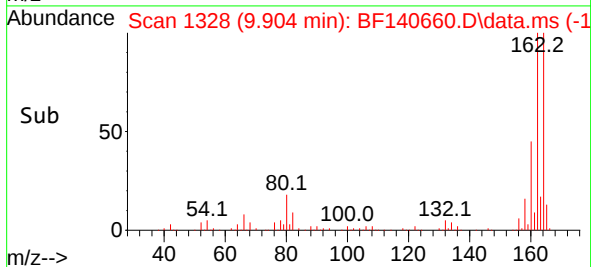
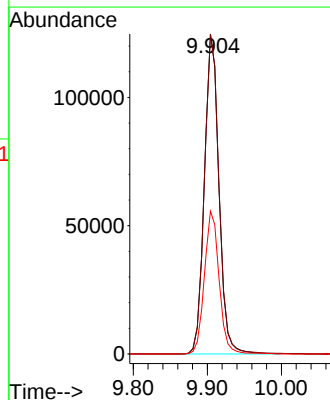
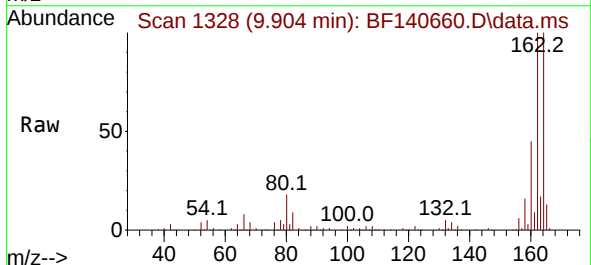
Instrument :
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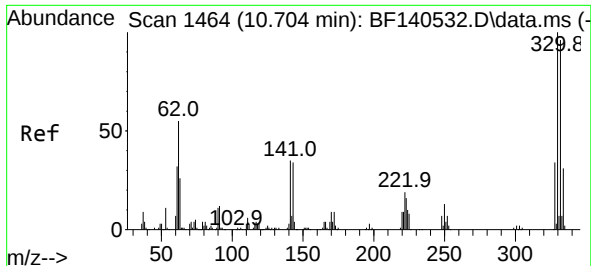
Tgt Ion: 82 Resp: 579864
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

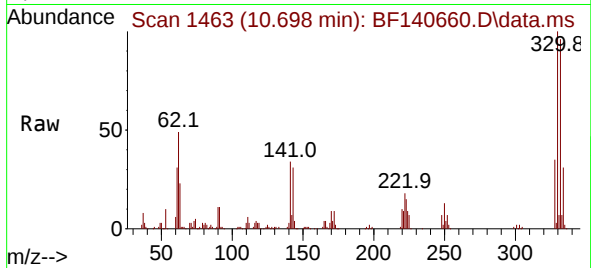
Tgt Ion:164 Resp: 169987
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 44.7 36.2 54.4



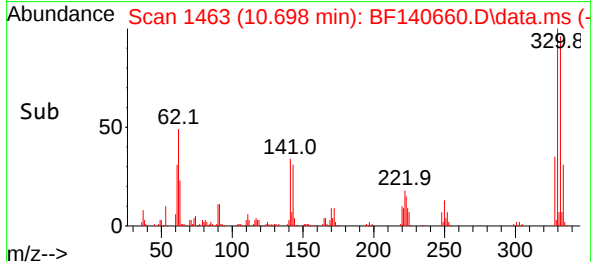
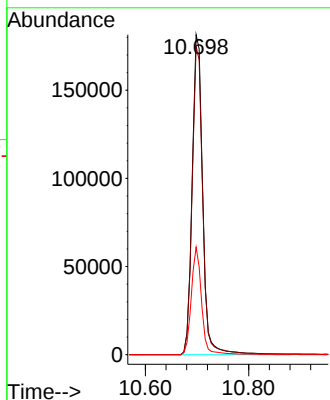


#42
2,4,6-Tribromophenol
Concen: 141.758 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB165159TB

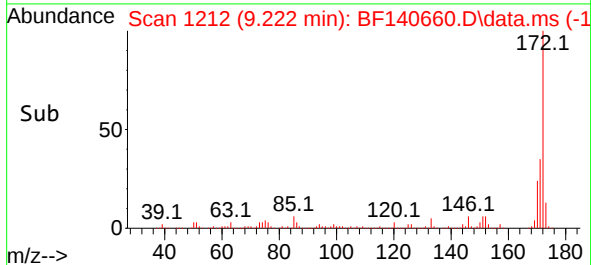
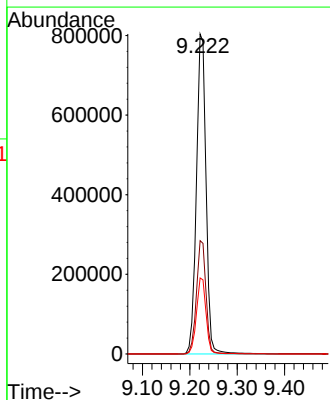
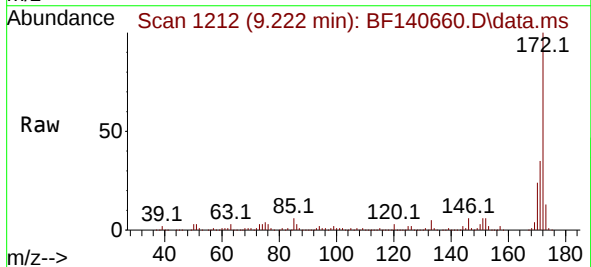


Tgt Ion:330 Resp: 257720
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 32.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 99.349 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140660.D
Acq: 27 Nov 2024 10:56

Tgt Ion:172 Resp: 1133465
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.497 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140660.D

Acq: 27 Nov 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB165159TB

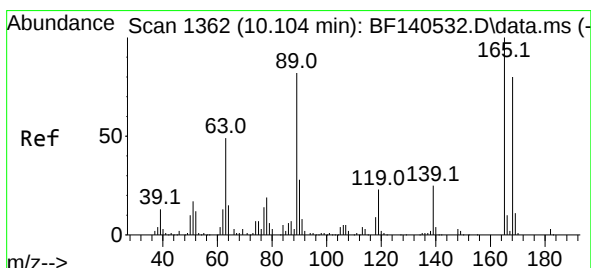
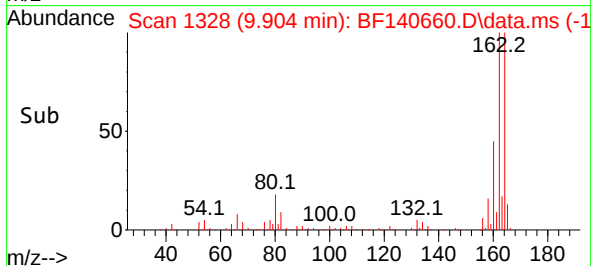
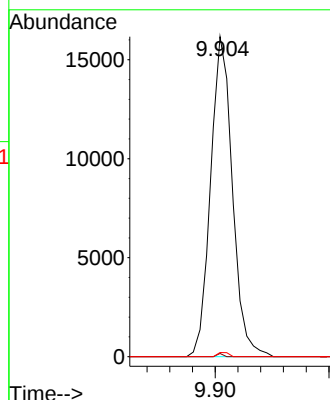
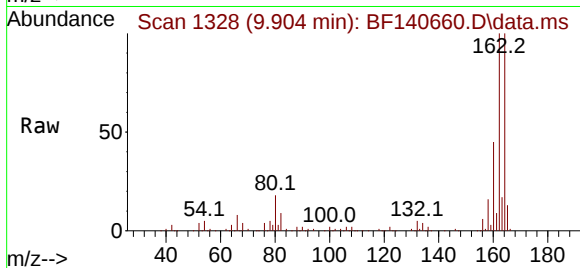
Tgt Ion:165 Resp: 21575

Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.3 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.394 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140660.D

Acq: 27 Nov 2024 10:56

Tgt Ion:165 Resp: 21575

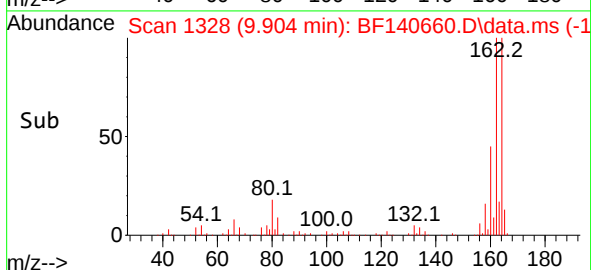
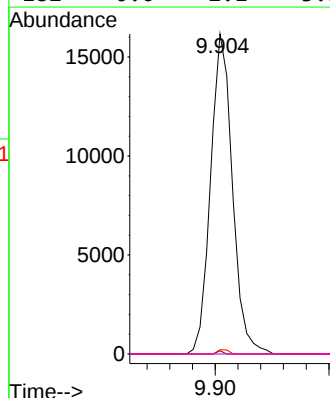
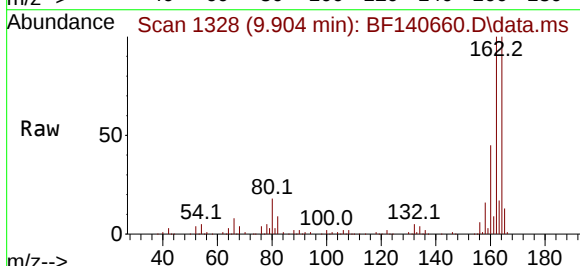
Ion Ratio Lower Upper

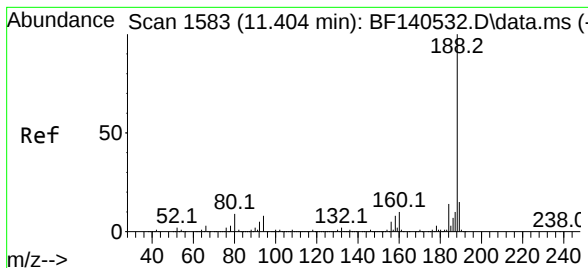
165 100

63 1.0 41.7 62.5#

89 1.3 65.8 98.8#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140660.D

Acq: 27 Nov 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB165159TB

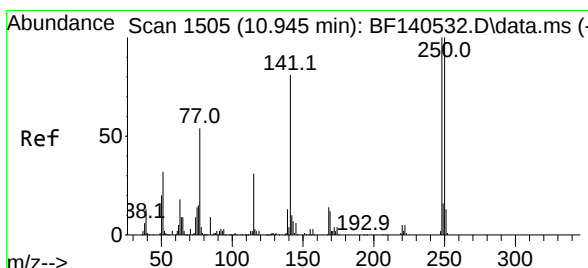
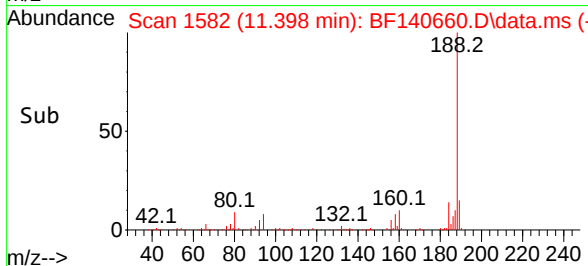
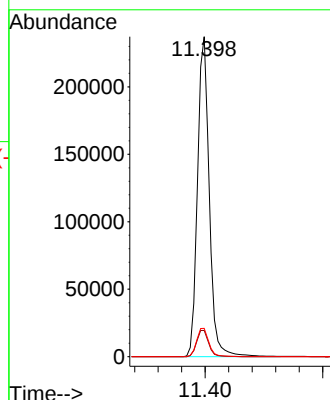
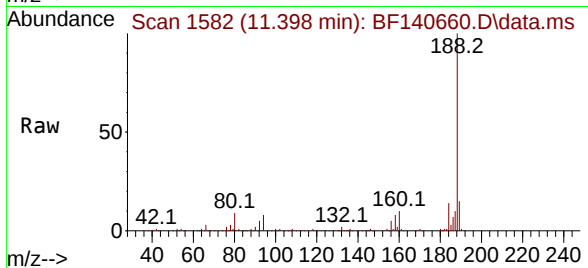
Tgt Ion:188 Resp: 328989

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.851 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140660.D

Acq: 27 Nov 2024 10:56

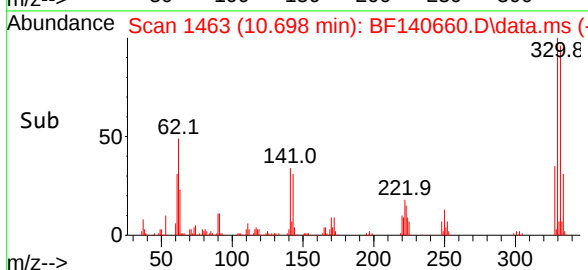
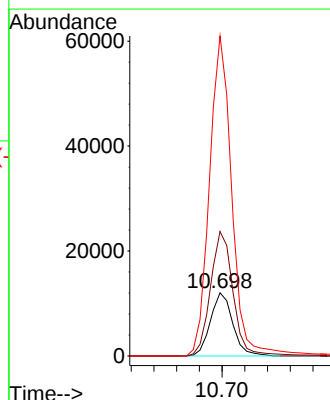
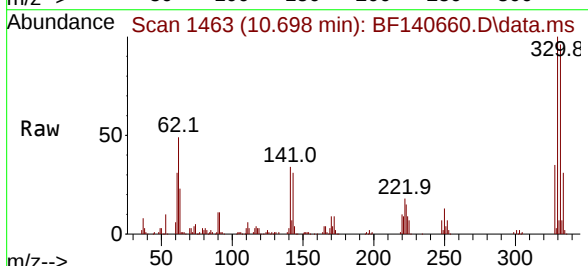
Tgt Ion:248 Resp: 16434

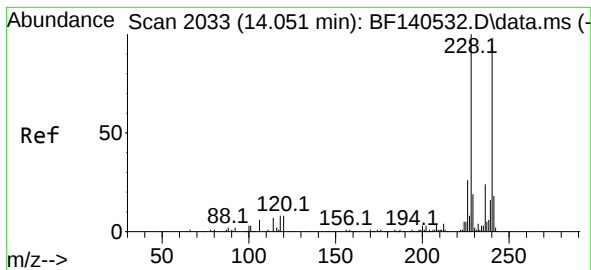
Ion Ratio Lower Upper

248 100

250 197.1 79.8 119.8#

141 506.5 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: BF140660.D

Acq: 27 Nov 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB165159TB

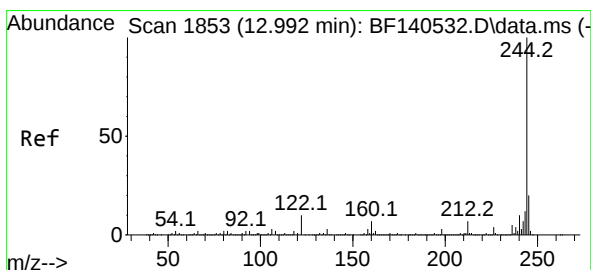
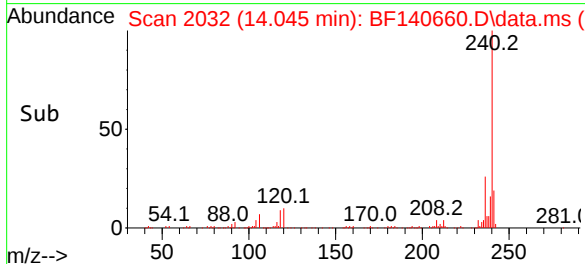
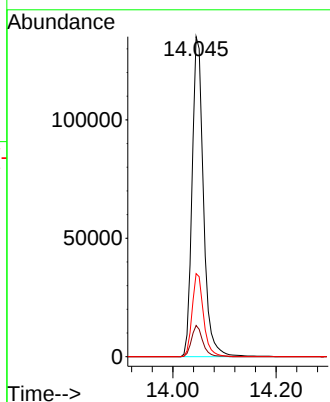
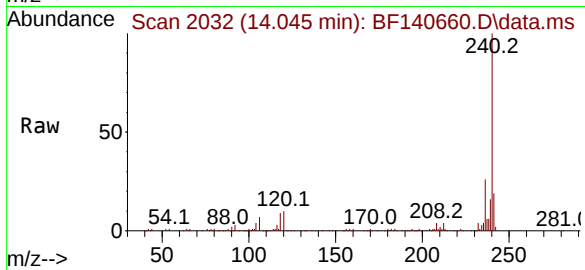
Tgt Ion:240 Resp: 206359

Ion Ratio Lower Upper

240 100

120 9.8 7.3 10.9

236 26.0 20.6 31.0



#79

Terphenyl-d14

Concen: 97.474 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140660.D

Acq: 27 Nov 2024 10:56

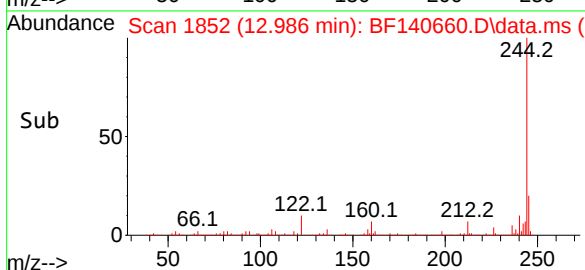
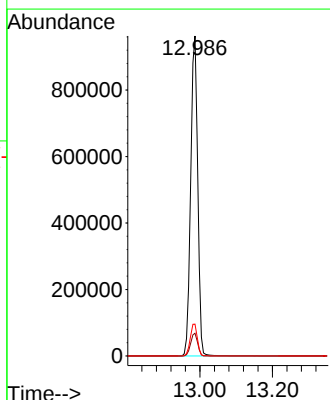
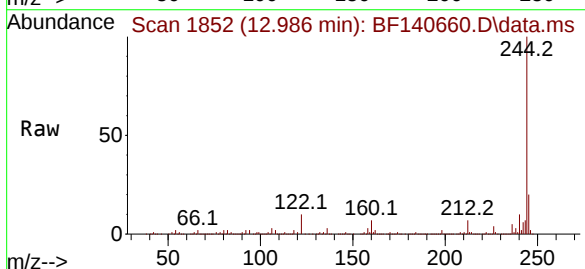
Tgt Ion:244 Resp: 1291779

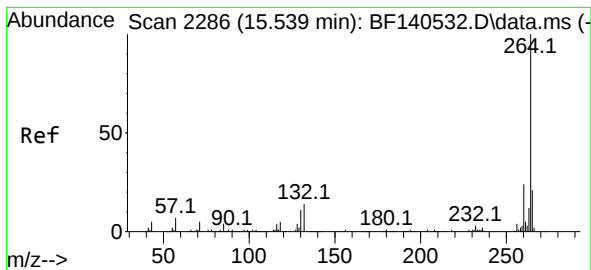
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

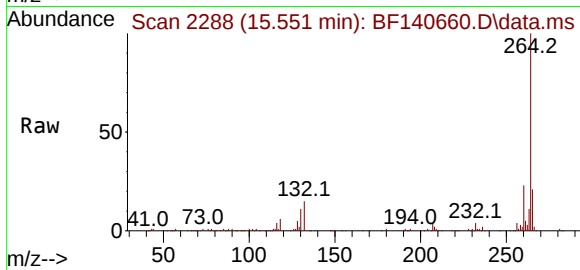
122 9.9 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140660.D
 Acq: 27 Nov 2024 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB165159TB



Tgt Ion:264 Resp: 168895
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.1 16.6 25.0

