

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140355.D
 Acq On : 14 Nov 2024 11:27
 Operator : RC/JU
 Sample : PB164911BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164911BL

Quant Time: Nov 14 12:09:05 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)

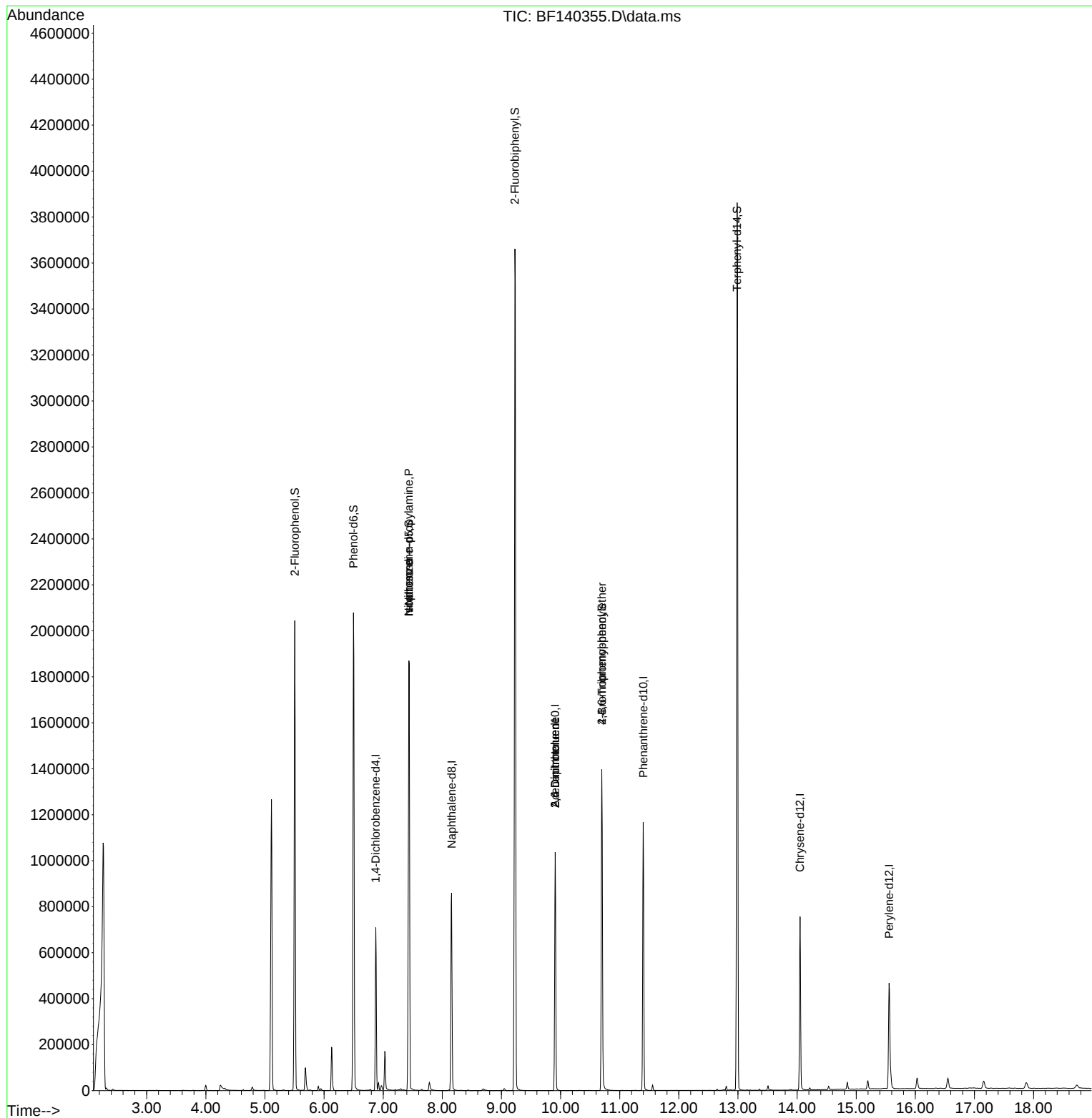
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	147244	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	568209	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	304796	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	616778	20.000	ng	0.00
76) Chrysene-d12	14.051	240	357784	20.000	ng	0.00
86) Perylene-d12	15.557	264	280919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	759075	88.019	ng	0.01
7) Phenol-d6	6.498	99	1030525	88.199	ng	0.00
23) Nitrobenzene-d5	7.434	82	961308	88.149	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	235091	77.563	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1747313	92.156	ng	0.00
79) Terphenyl-d14	12.986	244	1978172	95.971	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	128791	18.251	ng	Qvalue
25) Isophorone	7.434	82	948193	49.058	ng	# 79
51) 2,6-Dinitrotoluene	9.910	165	39199	8.655	ng	# 66
57) 2,4-Dinitrotoluene	9.910	165	39199	6.576	ng	# 22
67) 4-Bromophenyl-phenylether	10.698	248	15493	2.513	ng	# 20
						# 1

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

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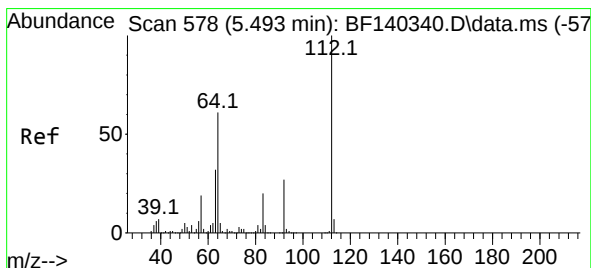
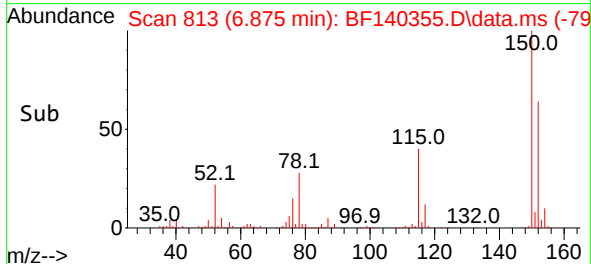
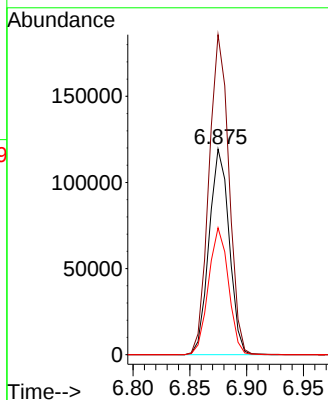
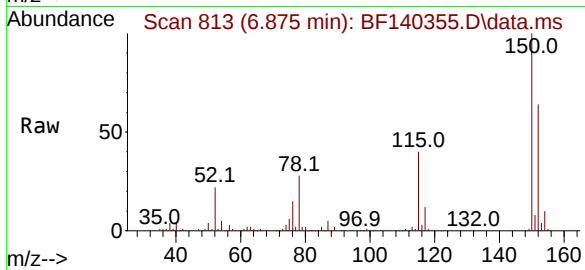




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

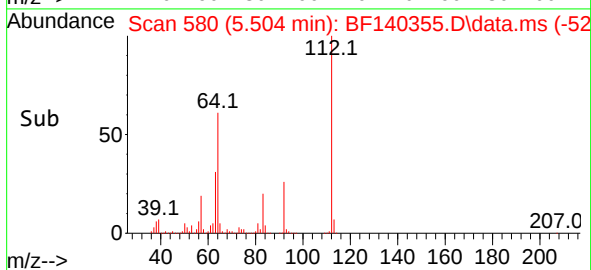
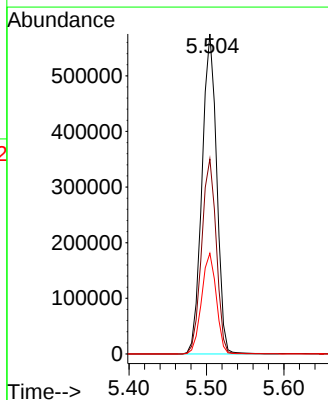
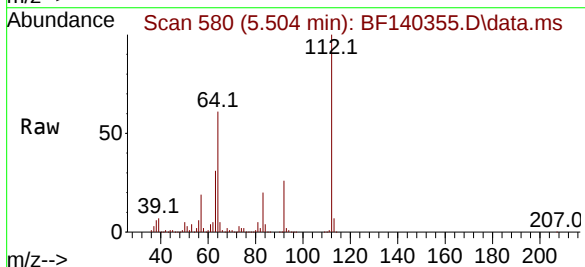
Instrument :
BNA_F
ClientSampleId :
PB164911BL

Tgt Ion:152 Resp: 147244
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 61.7 47.4 71.2



#5
2-Fluorophenol
Concen: 88.019 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

Tgt Ion:112 Resp: 759075
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 31.5 25.6 38.4

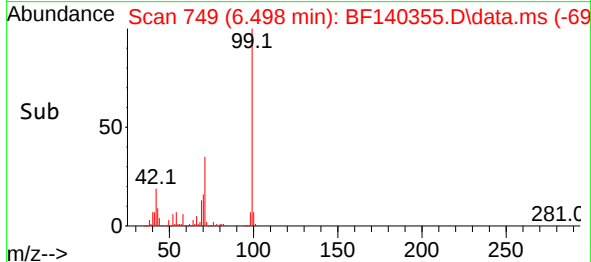
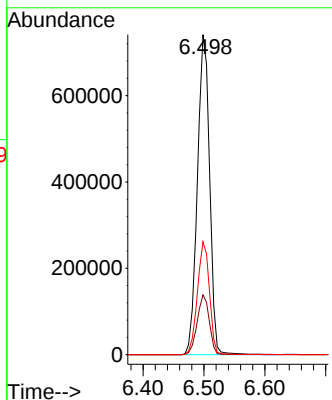
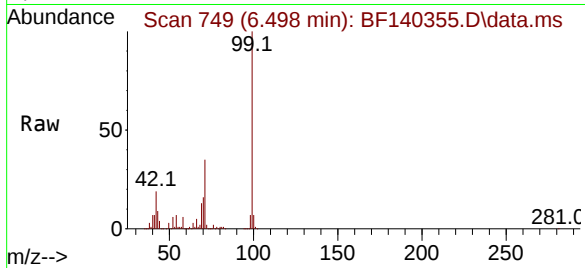




#7
Phenol-d6
Concen: 88.199 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

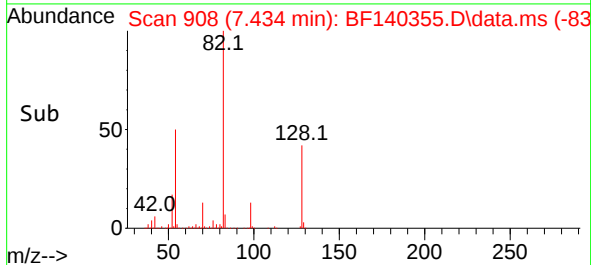
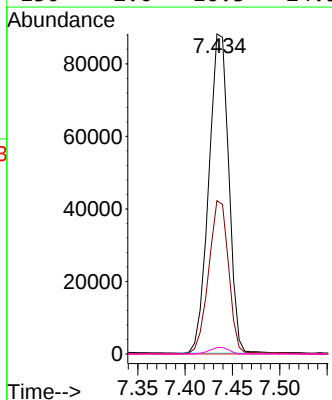
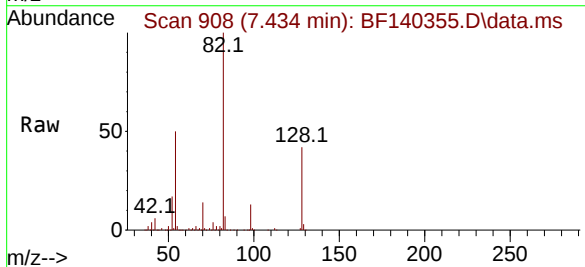
Instrument :
BNA_F
ClientSampleId :
PB164911BL

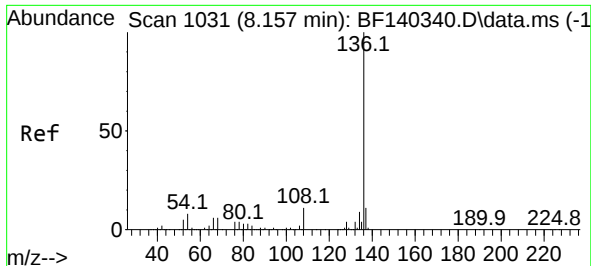
Tgt Ion: 99 Resp: 1030525
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 35.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.251 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

Tgt Ion: 70 Resp: 128791
Ion Ratio Lower Upper
70 100
42 47.9 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: BF140355.D
Acq: 14 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB164911BL

Tgt Ion:136 Resp: 568209

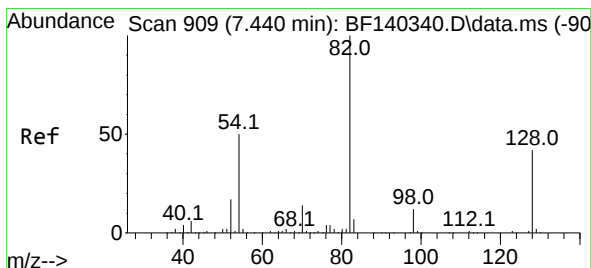
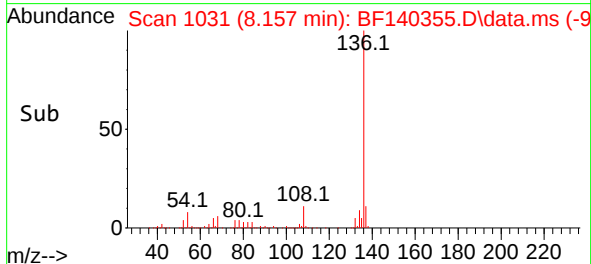
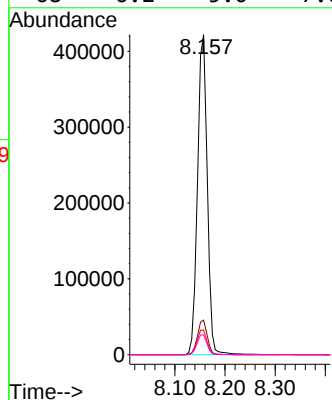
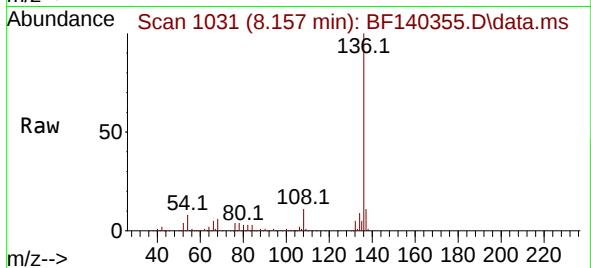
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.7 6.5 9.7

68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 88.149 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

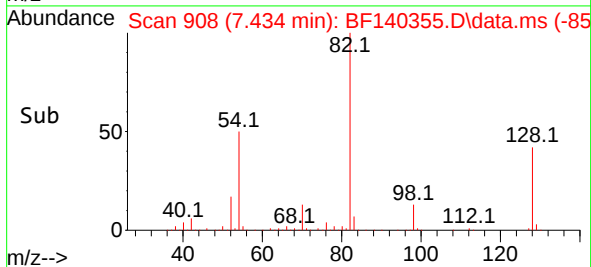
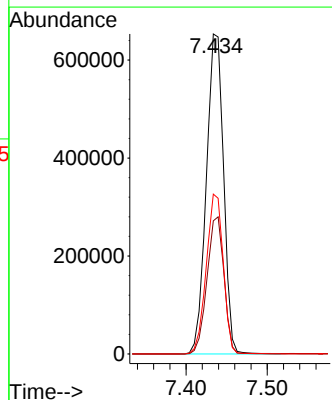
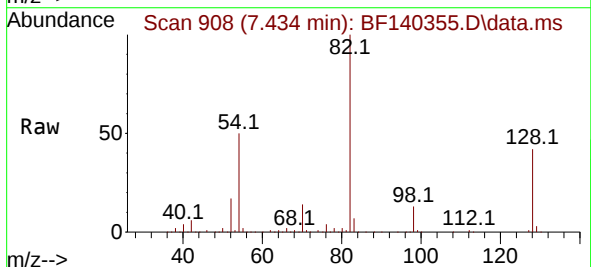
Tgt Ion: 82 Resp: 961308

Ion Ratio Lower Upper

82 100

128 41.6 33.3 49.9

54 50.0 39.8 59.8

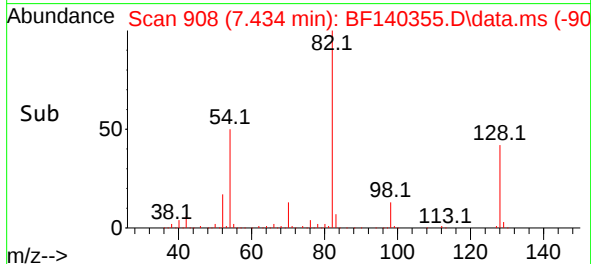
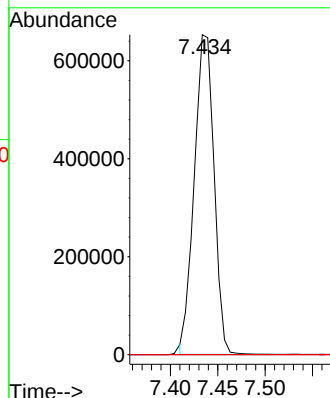
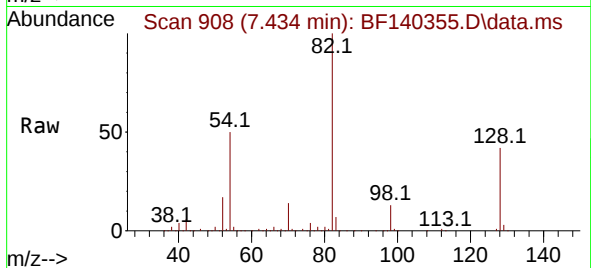




#25
Isophorone
Concen: 49.058 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

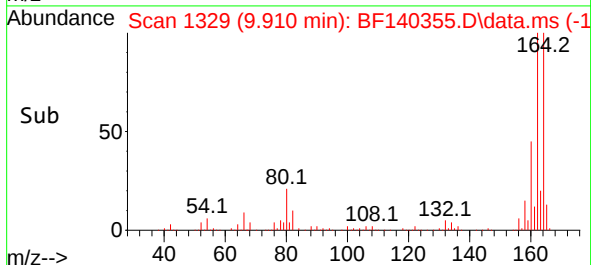
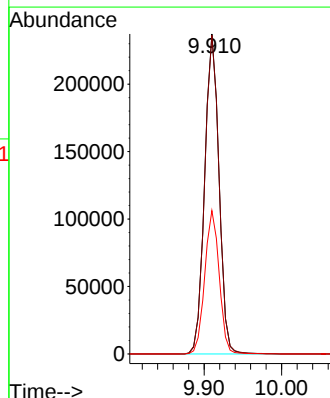
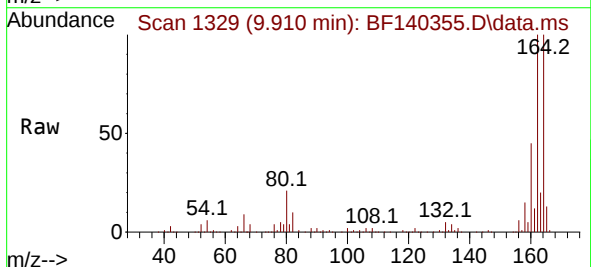
Instrument :
BNA_F
ClientSampleId :
PB164911BL

Tgt Ion: 82 Resp: 948193
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: BF140355.D
Acq: 14 Nov 2024 11:27

Tgt Ion:164 Resp: 304796
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 77.563 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140355.D

Acq: 14 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB164911BL

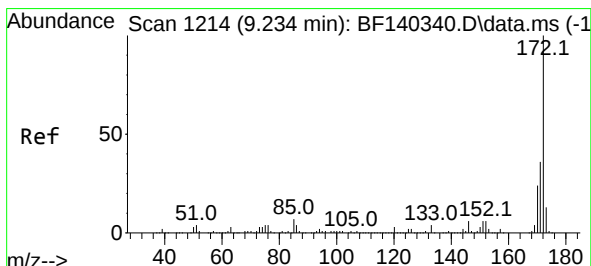
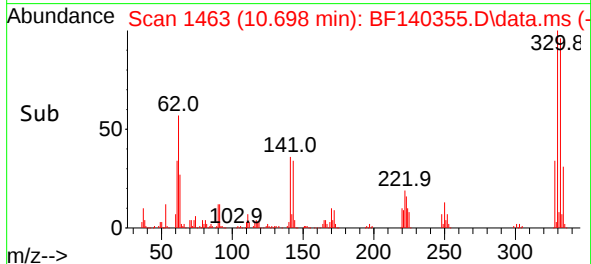
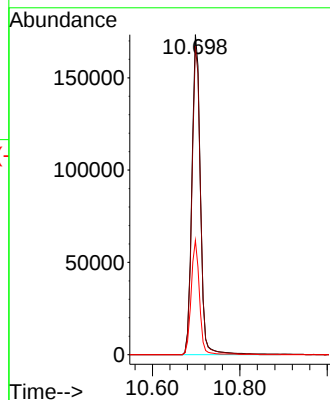
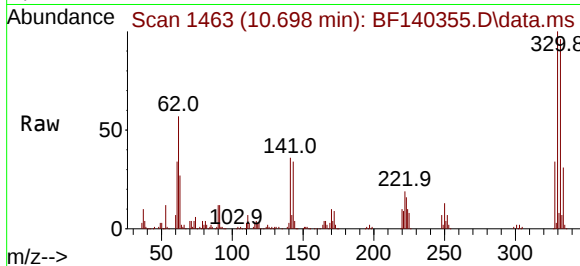
Tgt Ion:330 Resp: 235091

Ion Ratio Lower Upper

330 100

332 96.2 75.9 113.9

141 34.7 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 92.156 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140355.D

Acq: 14 Nov 2024 11:27

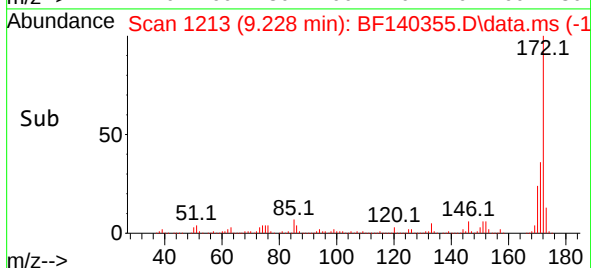
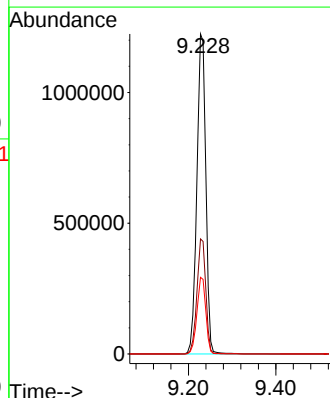
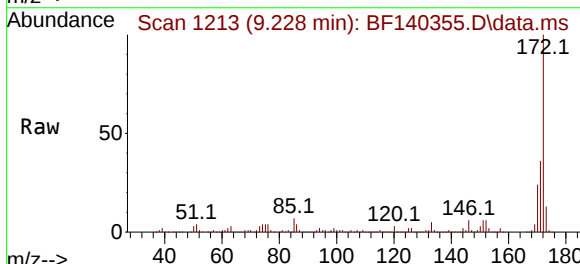
Tgt Ion:172 Resp: 1747313

Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 24.0 19.1 28.7

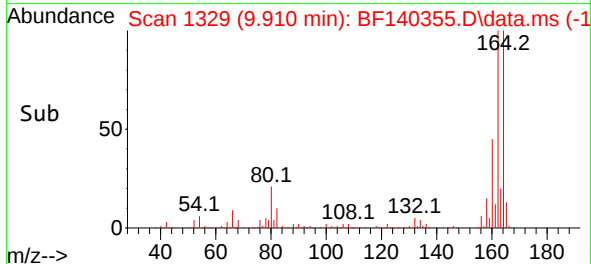
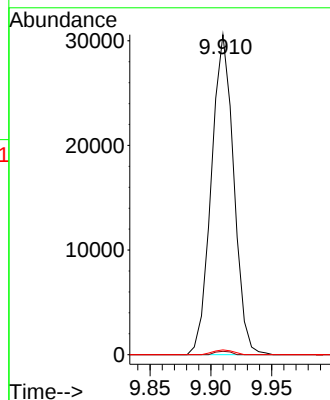
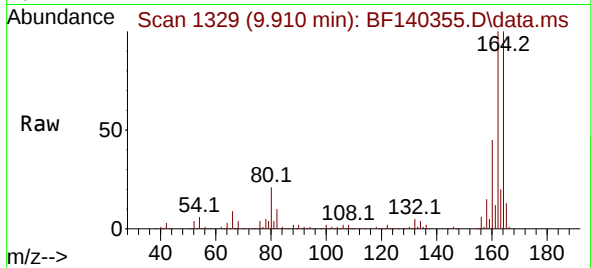




#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

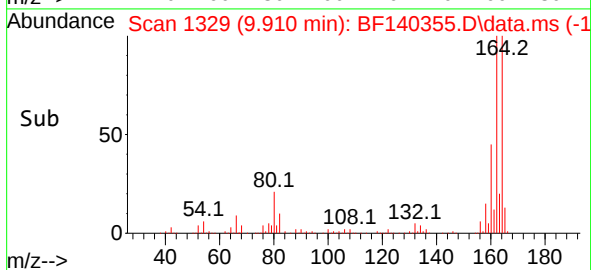
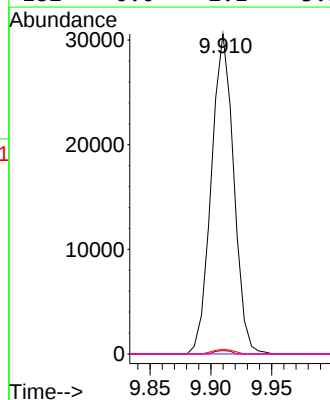
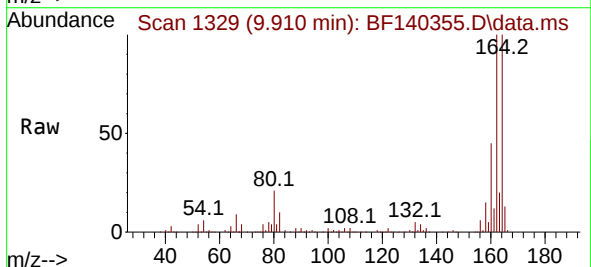
Instrument :
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ClientSampleId :
PB164911BL

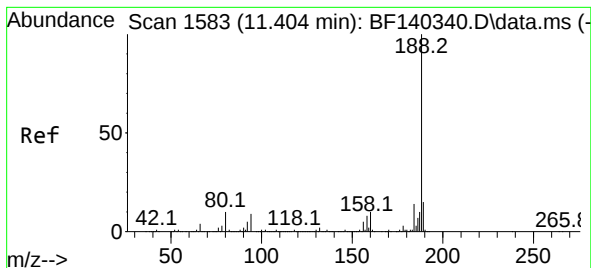
Tgt Ion:165 Resp: 39199
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.5 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.576 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

Tgt Ion:165 Resp: 39199
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.5 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140355.D

Acq: 14 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB164911BL

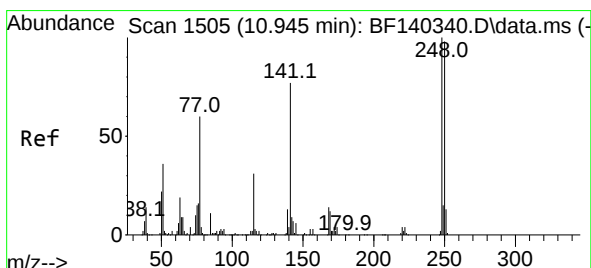
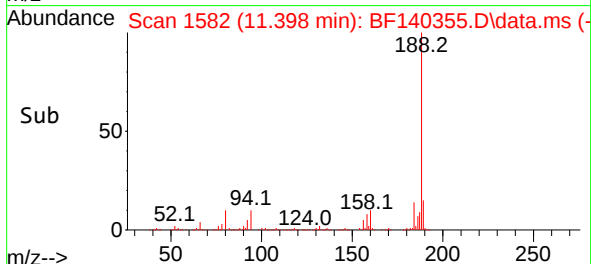
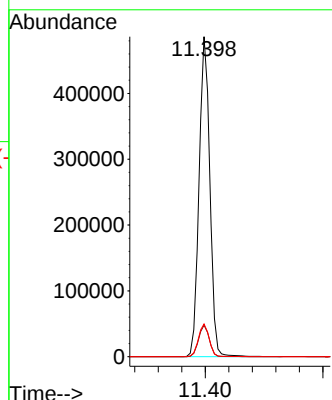
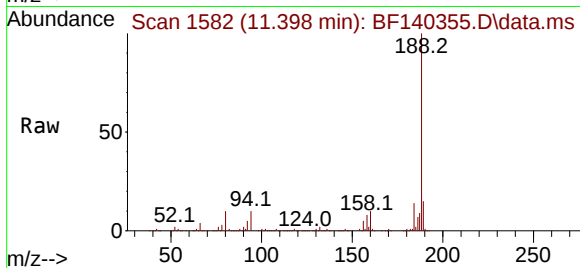
Tgt Ion:188 Resp: 616778

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.3 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 2.513 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140355.D

Acq: 14 Nov 2024 11:27

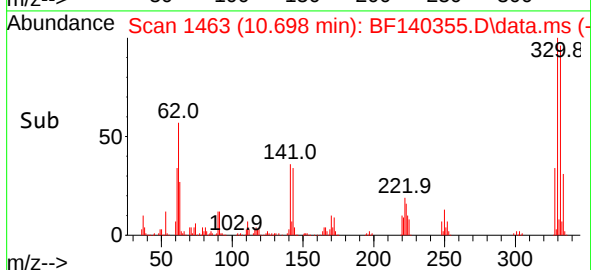
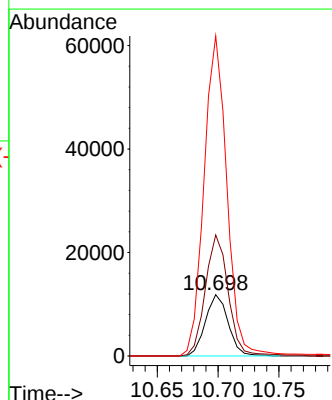
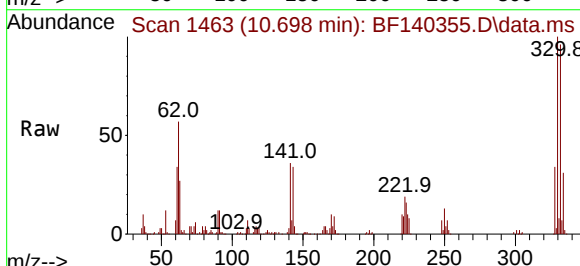
Tgt Ion:248 Resp: 15493

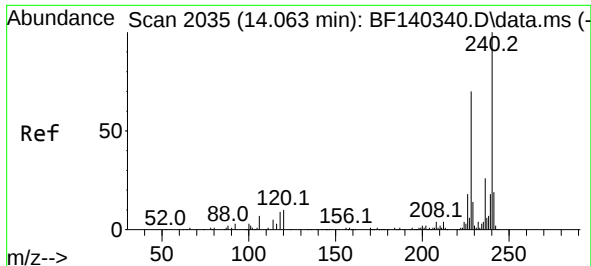
Ion Ratio Lower Upper

248 100

250 197.6 77.9 116.9#

141 522.4 61.8 92.6#

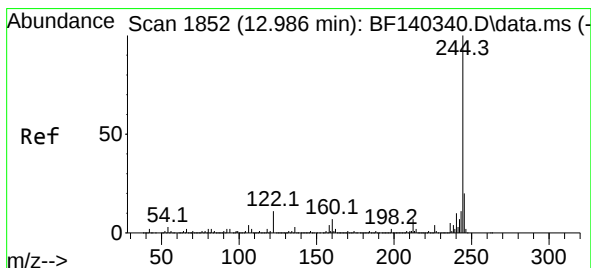
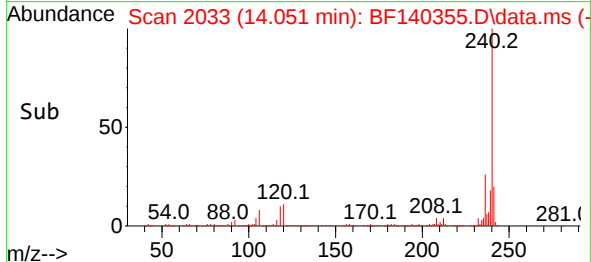
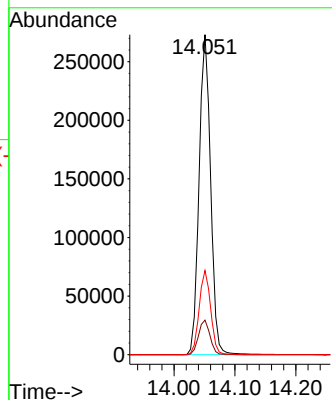
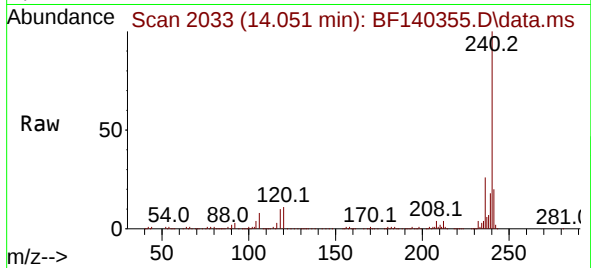




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

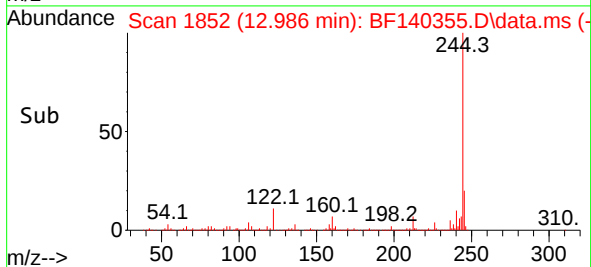
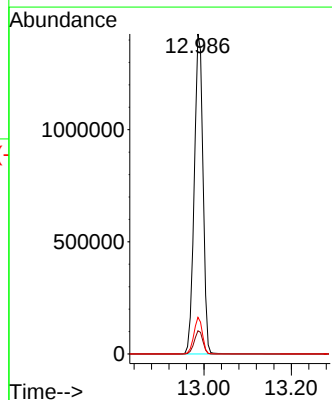
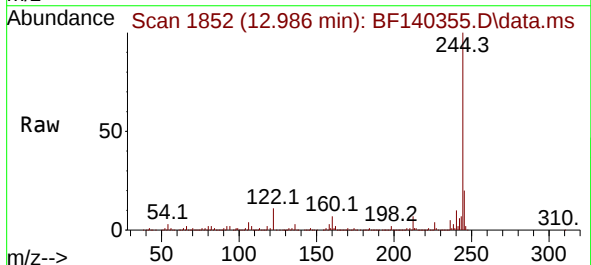
Instrument :
BNA_F
ClientSampleId :
PB164911BL

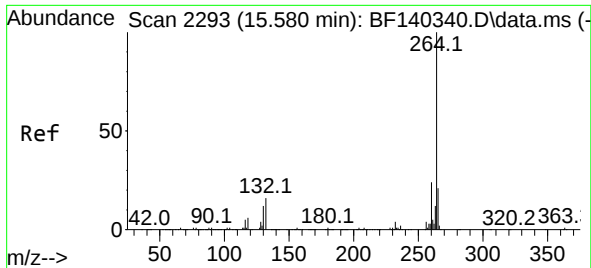
Tgt Ion:240 Resp: 357784
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.3 20.9 31.3



#79
Terphenyl-d14
Concen: 95.971 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140355.D
Acq: 14 Nov 2024 11:27

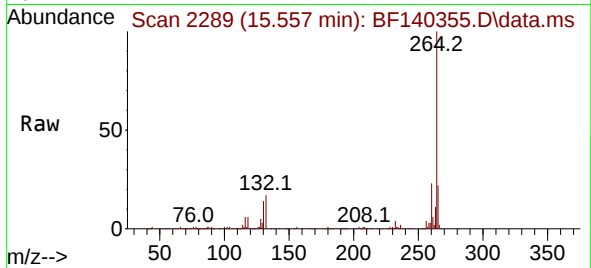
Tgt Ion:244 Resp: 1978172
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140355.D
 Acq: 14 Nov 2024 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB164911BL



Tgt Ion:264	Resp:	280919
Ion Ratio	Lower	Upper
264	100	
260	23.3	19.2 28.8
265	22.0	17.1 25.7

