

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140503.D
 Acq On : 20 Nov 2024 16:58
 Operator : RC/JU
 Sample : P4849-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RR-1

Quant Time: Nov 20 17:28:58 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)

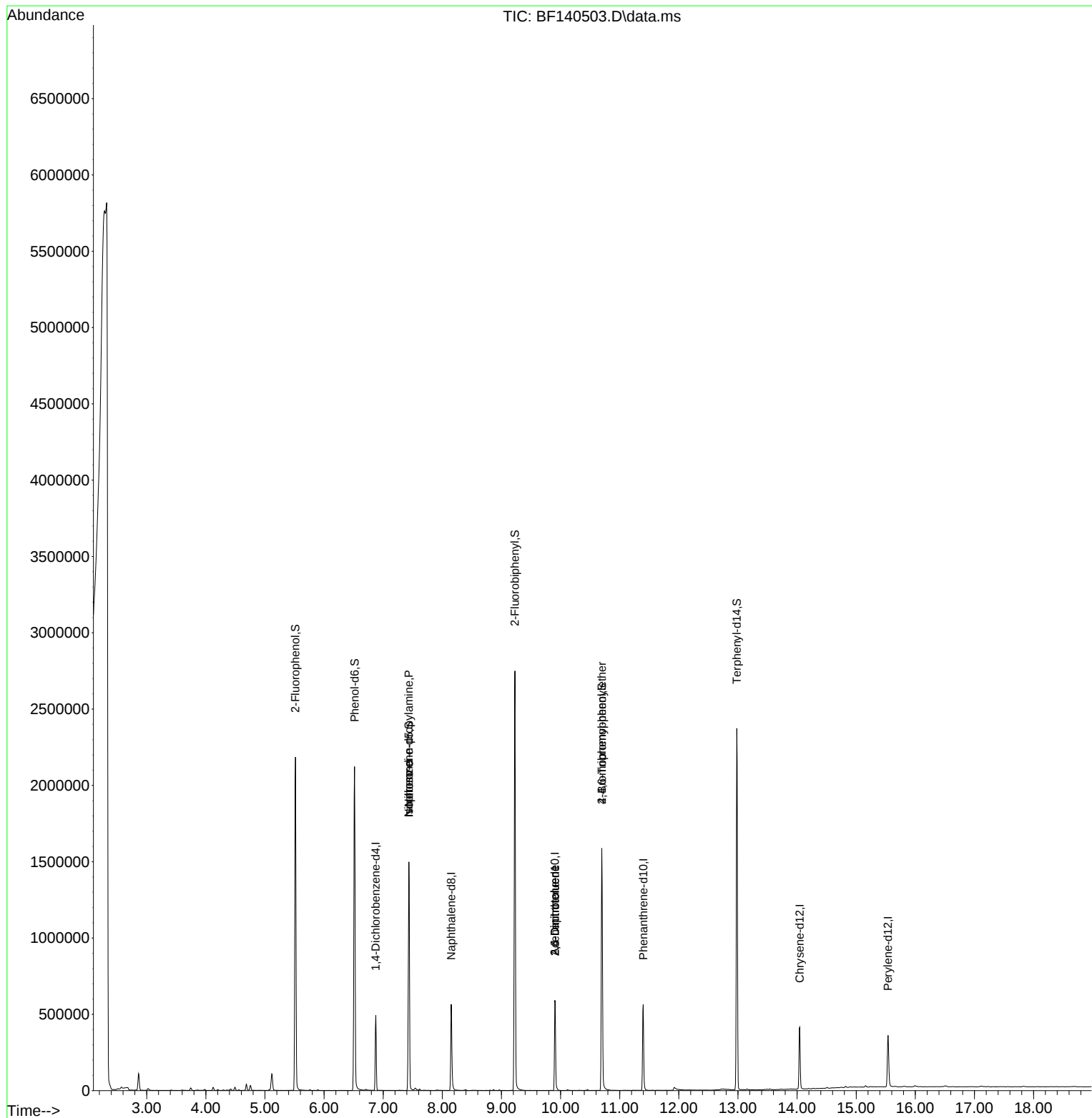
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	102192	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	367263	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	188972	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	319183	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213543	20.000	ng	0.00
86) Perylene-d12	15.539	264	212385	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	843972	141.008	ng	0.02
7) Phenol-d6	6.516	99	1061662	130.922	ng	0.01
23) Nitrobenzene-d5	7.434	82	706041	100.164	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	282746	150.463	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1242165	105.668	ng	0.00
79) Terphenyl-d14	12.980	244	1183806	96.226	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	96156	19.633	ng	# 76
25) Isophorone	7.434	82	699706	56.009	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	24453	8.708	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	24453	6.617	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	17760	5.566	ng	# 1

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

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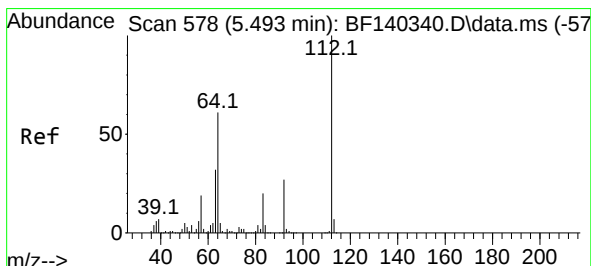
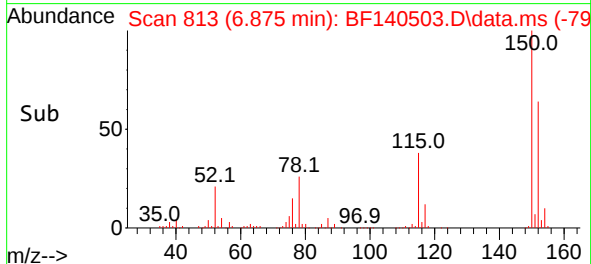
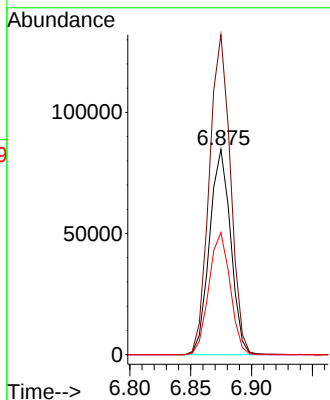
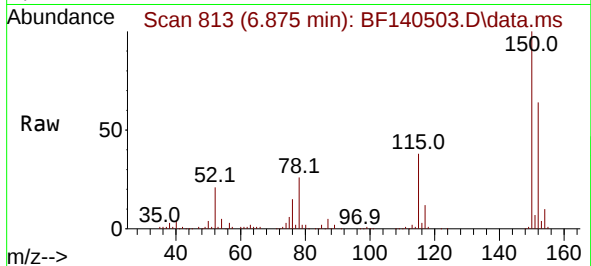




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

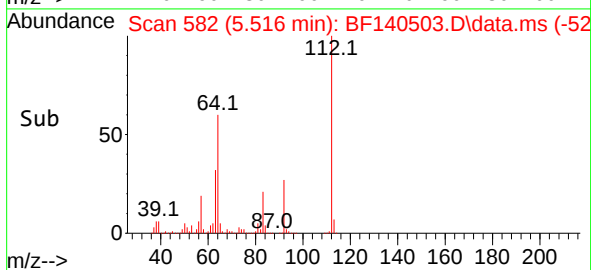
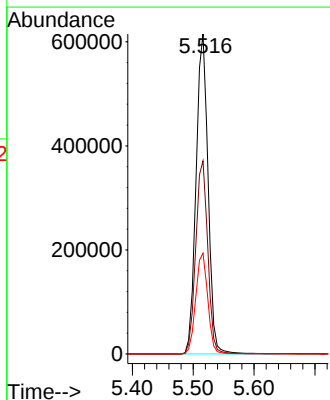
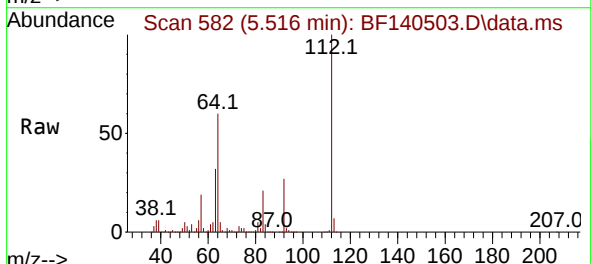
Instrument :
BNA_F
ClientSampleId :
RR-1

Tgt Ion:152 Resp: 102192
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 141.008 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:112 Resp: 843972
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 31.5 25.6 38.4

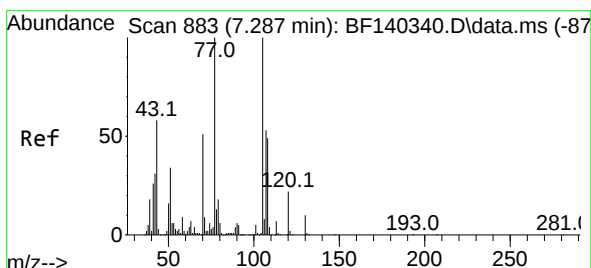
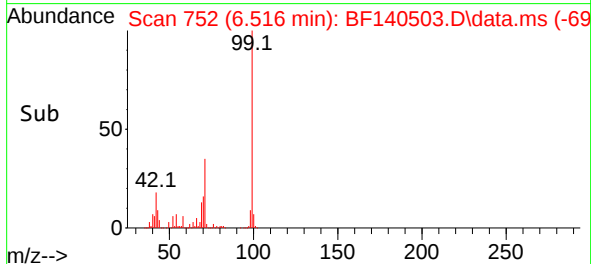
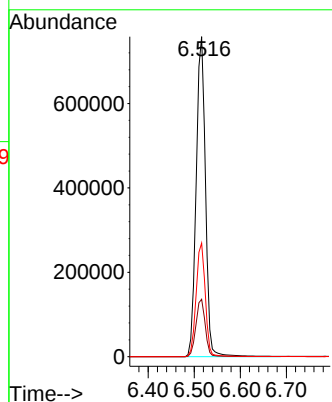
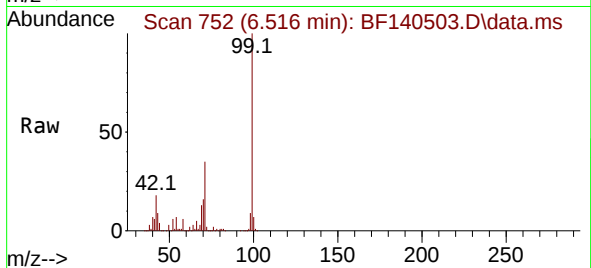




#7
Phenol-d6
Concen: 130.922 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

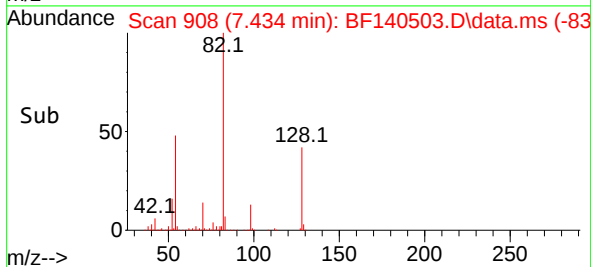
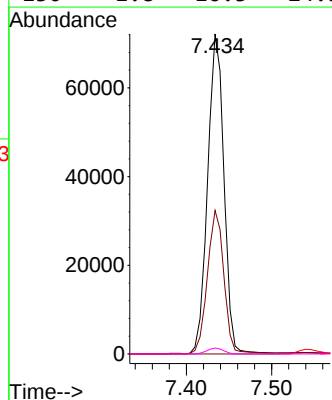
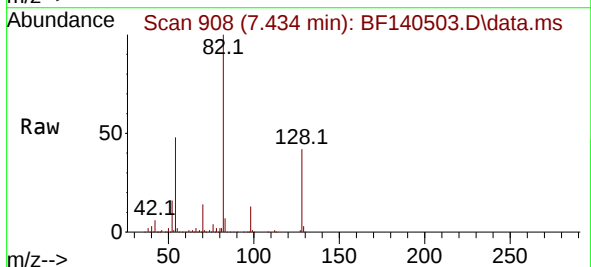
Instrument :
BNA_F
ClientSampleId :
RR-1

Tgt Ion: 99 Resp: 1061662
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 35.5 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.633 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion: 70 Resp: 96156
Ion Ratio Lower Upper
70 100
42 44.9 46.8 70.2#
101 0.0 7.5 11.3#
130 1.8 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140503.D

Acq: 20 Nov 2024 16:58

Instrument :

BNA_F

ClientSampleId :

RR-1

Tgt Ion:136 Resp: 367263

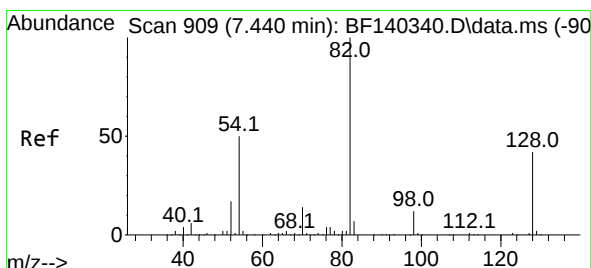
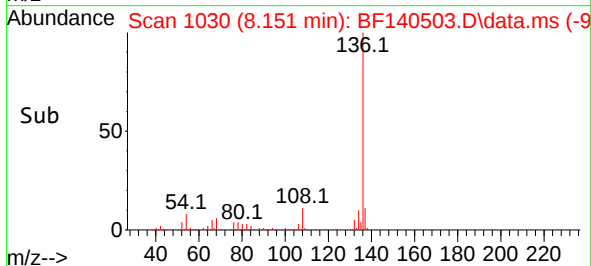
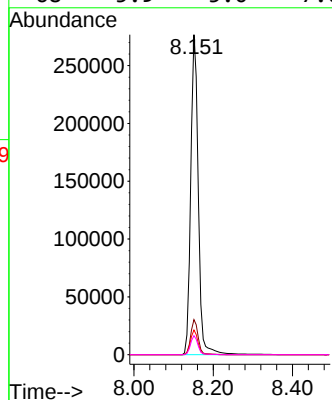
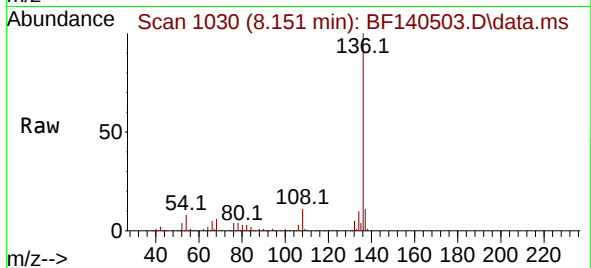
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.7 6.5 9.7

68 5.9 5.0 7.6



#23

Nitrobenzene-d5

Concen: 100.164 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140503.D

Acq: 20 Nov 2024 16:58

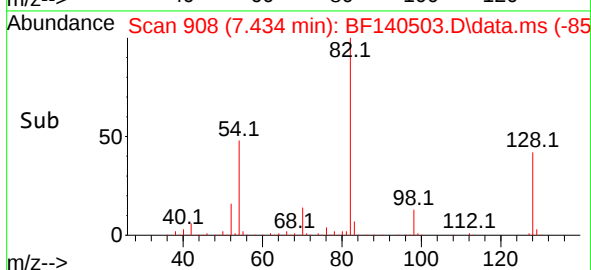
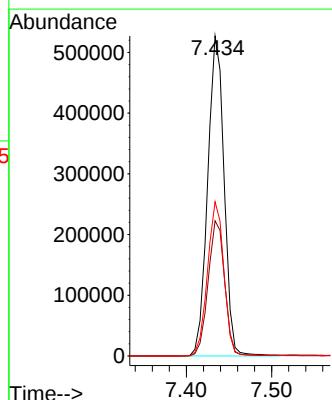
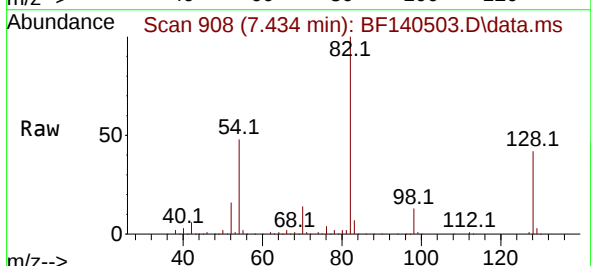
Tgt Ion: 82 Resp: 706041

Ion Ratio Lower Upper

82 100

128 42.2 33.3 49.9

54 48.2 39.8 59.8

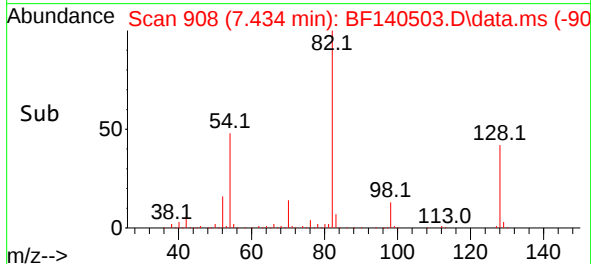
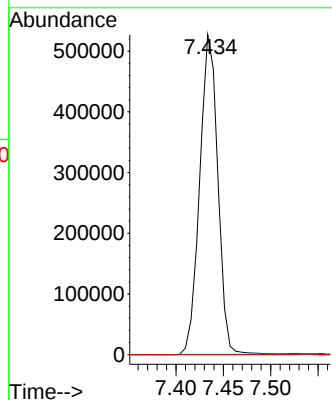
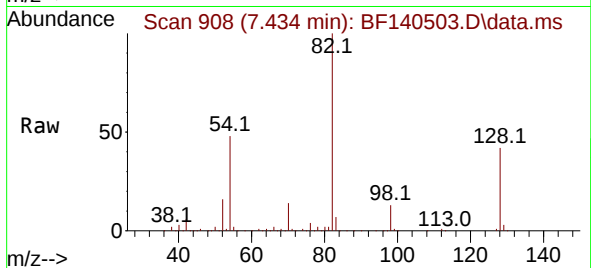




#25
Isophorone
Concen: 56.009 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

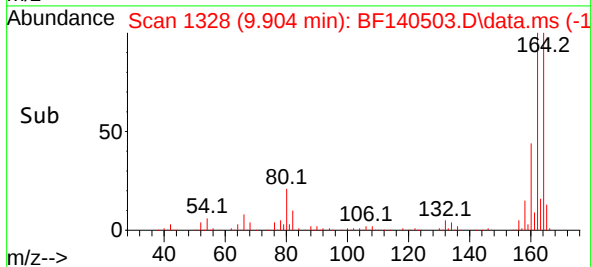
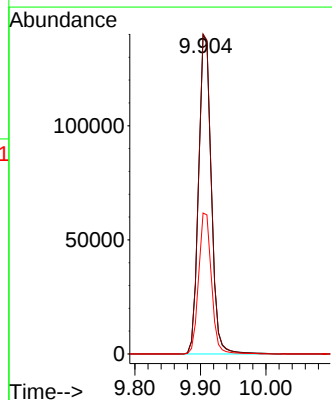
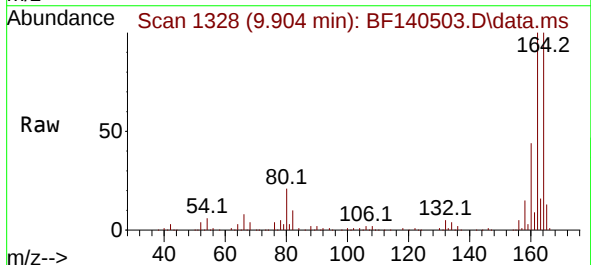
Instrument :
BNA_F
ClientSampleId :
RR-1

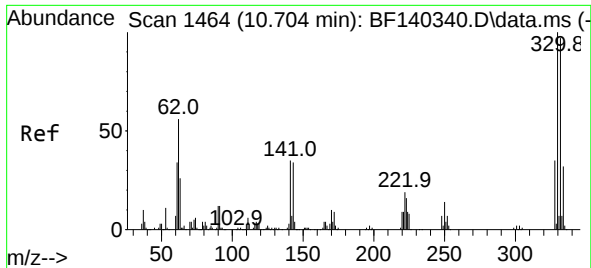
Tgt Ion: 82 Resp: 699706
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:164 Resp: 188972
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.2 35.4 53.0

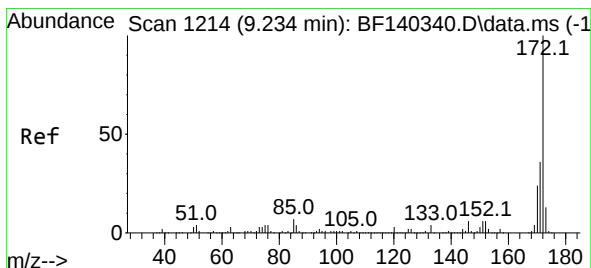
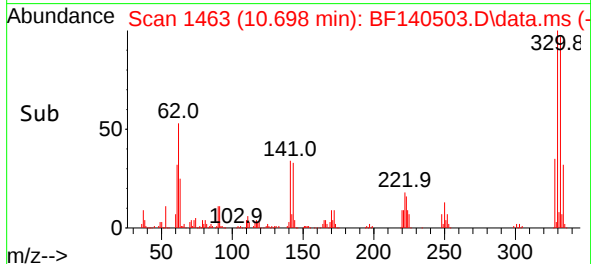
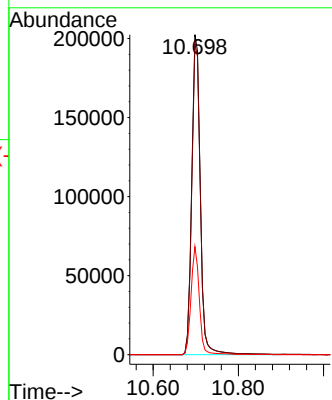
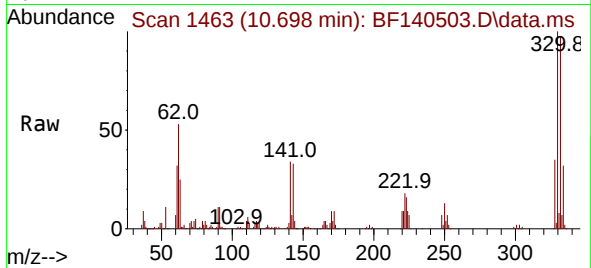




#42
2,4,6-Tribromophenol
Concen: 150.463 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

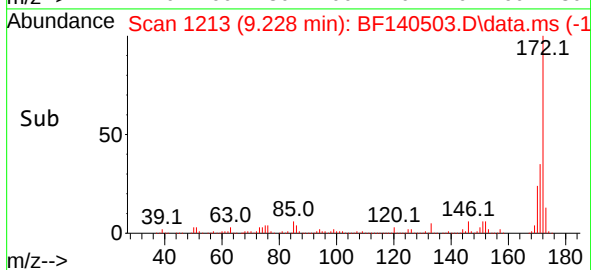
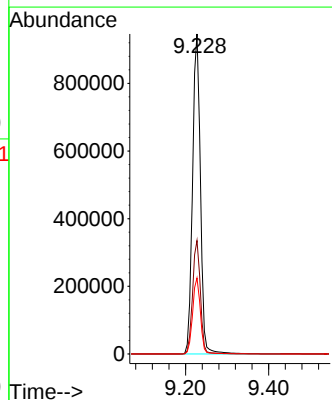
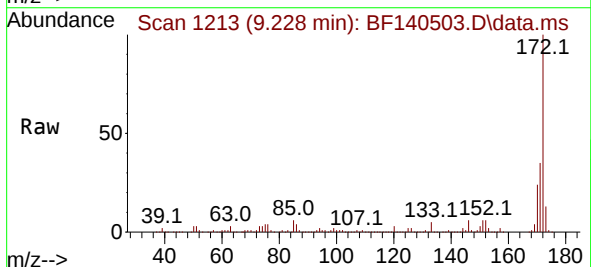
Instrument :
BNA_F
ClientSampleId :
RR-1

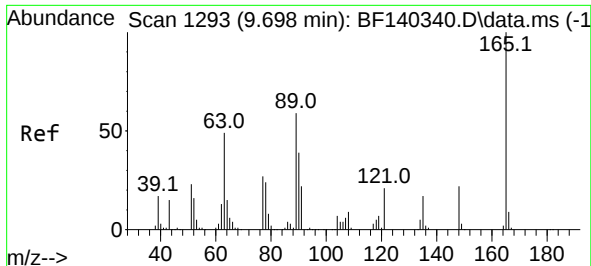
Tgt Ion:330 Resp: 282746
Ion Ratio Lower Upper
330 100
332 97.4 75.9 113.9
141 32.7 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 105.668 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:172 Resp: 1242165
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 19.1 28.7

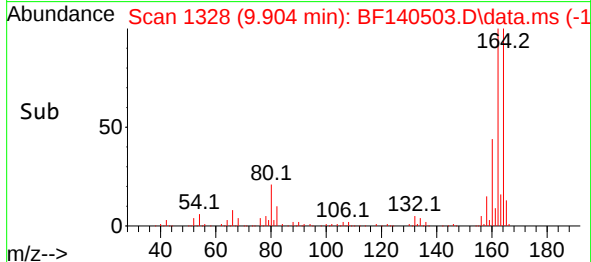
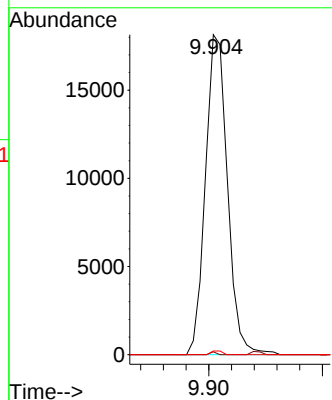
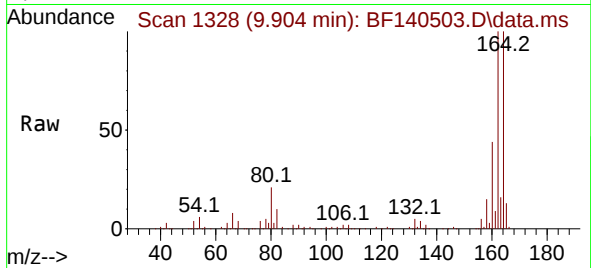




#51
2,6-Dinitrotoluene
Concen: 8.708 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

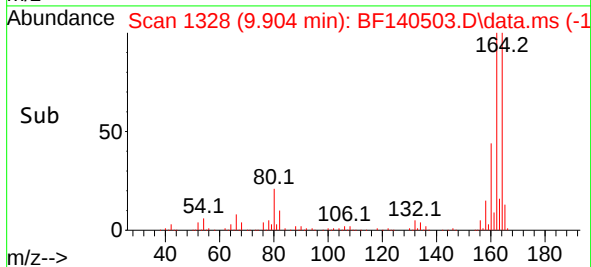
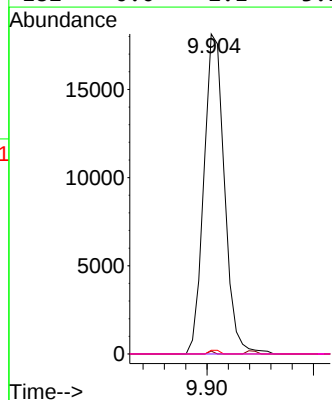
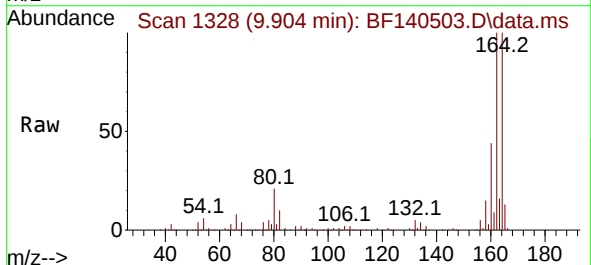
Instrument :
BNA_F
ClientSampleId :
RR-1

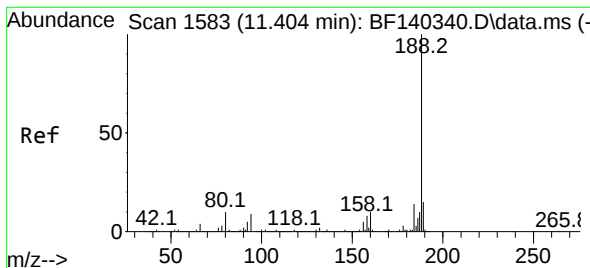
Tgt Ion:165 Resp: 24453
Ion Ratio Lower Upper
165 100
63 0.9 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.617 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:165 Resp: 24453
Ion Ratio Lower Upper
165 100
63 0.9 39.4 59.0#
89 1.2 62.4 93.6#
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: BF140503.D

Acq: 20 Nov 2024 16:58

Instrument :

BNA_F

ClientSampleId :

RR-1

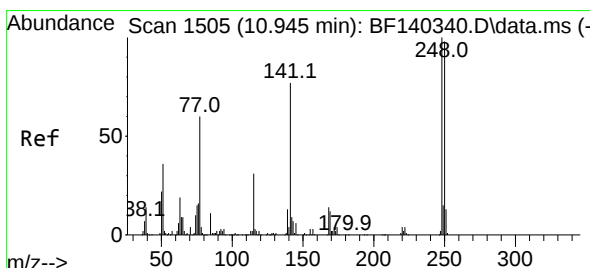
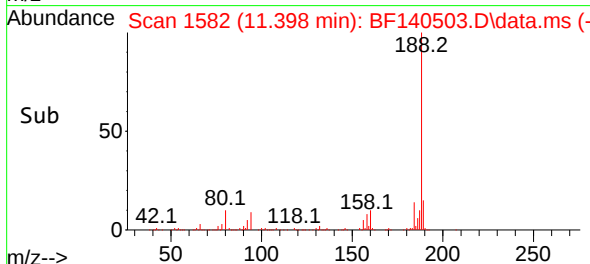
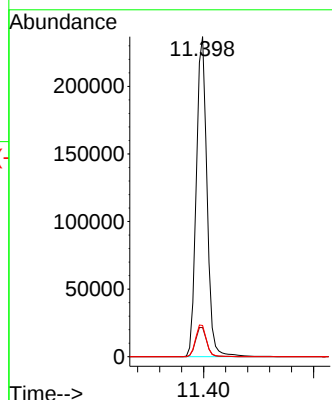
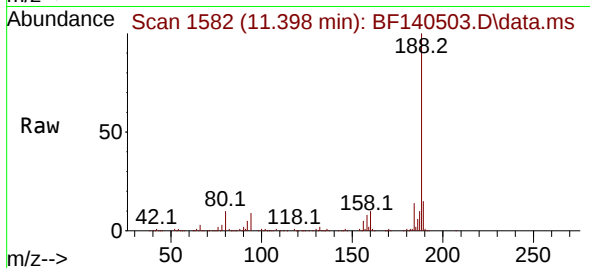
Tgt Ion:188 Resp: 319183

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.8 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 5.566 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140503.D

Acq: 20 Nov 2024 16:58

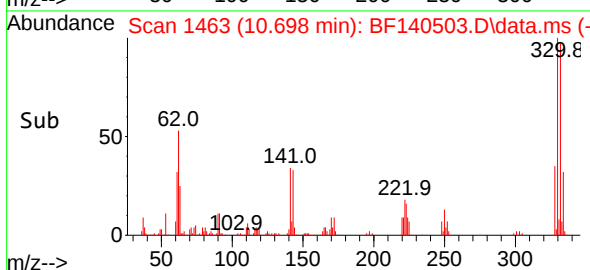
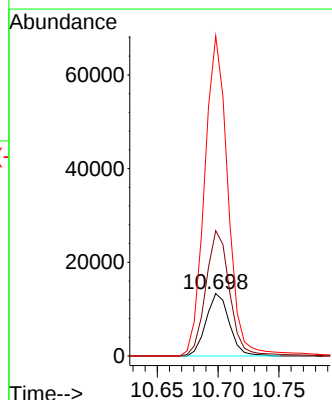
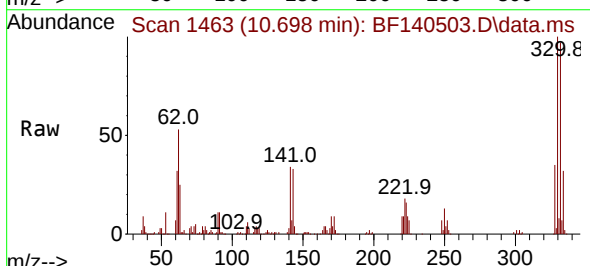
Tgt Ion:248 Resp: 17760

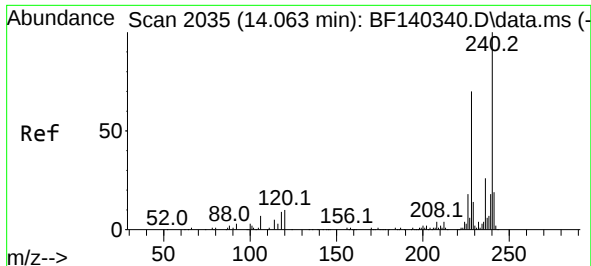
Ion Ratio Lower Upper

248 100

250 200.5 77.9 116.9#

141 512.4 61.8 92.6#

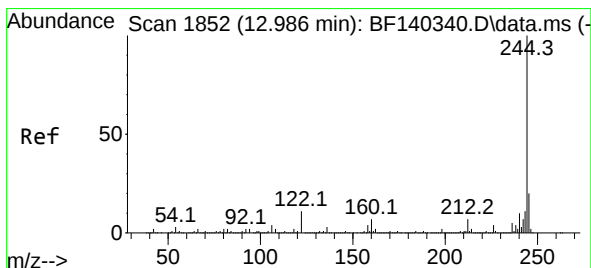
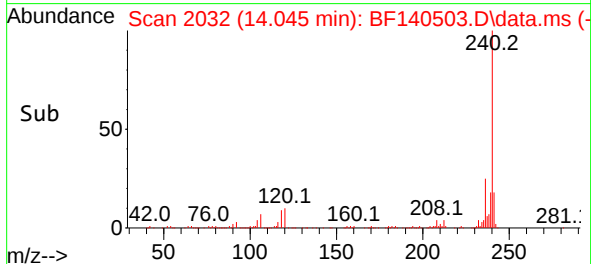
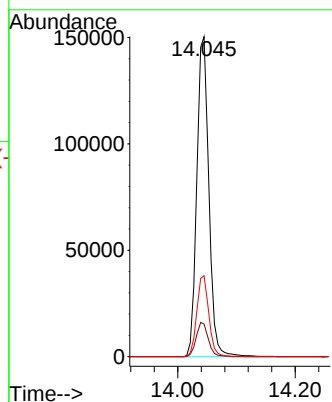
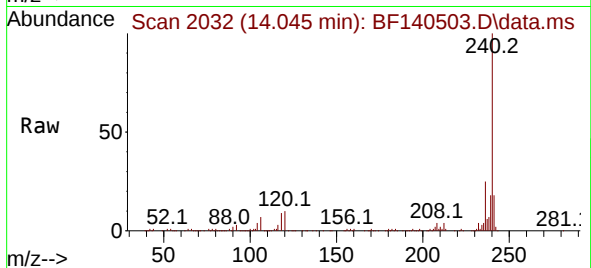




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

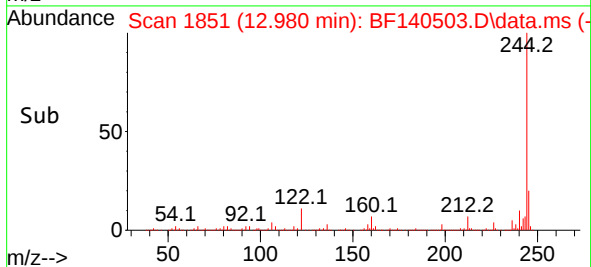
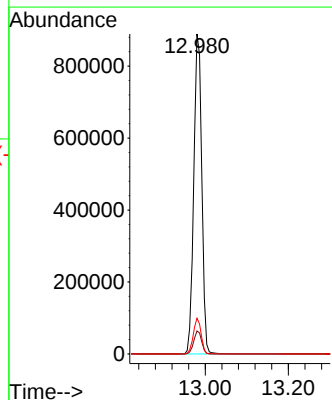
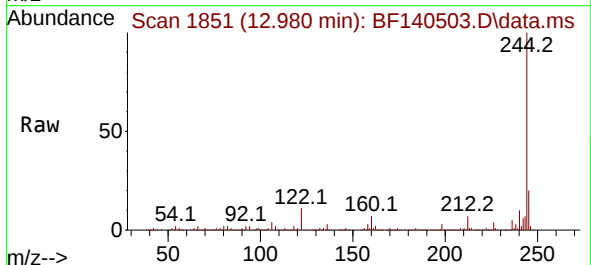
Instrument :
BNA_F
ClientSampleId :
RR-1

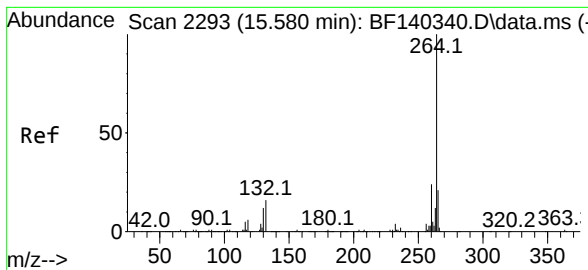
Tgt Ion:240 Resp: 213543
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 96.226 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:244 Resp: 1183806
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.1 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF140503.D
 Acq: 20 Nov 2024 16:58

Instrument :
 BNA_F
 ClientSampleId :
 RR-1

Tgt Ion:	264	Resp:	212385
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.2	28.8
265	21.6	17.1	25.7

