

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140448.D
 Acq On : 18 Nov 2024 12:24
 Operator : RC/JU
 Sample : PB164940BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164940BL

Quant Time: Nov 18 12:54:24 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)

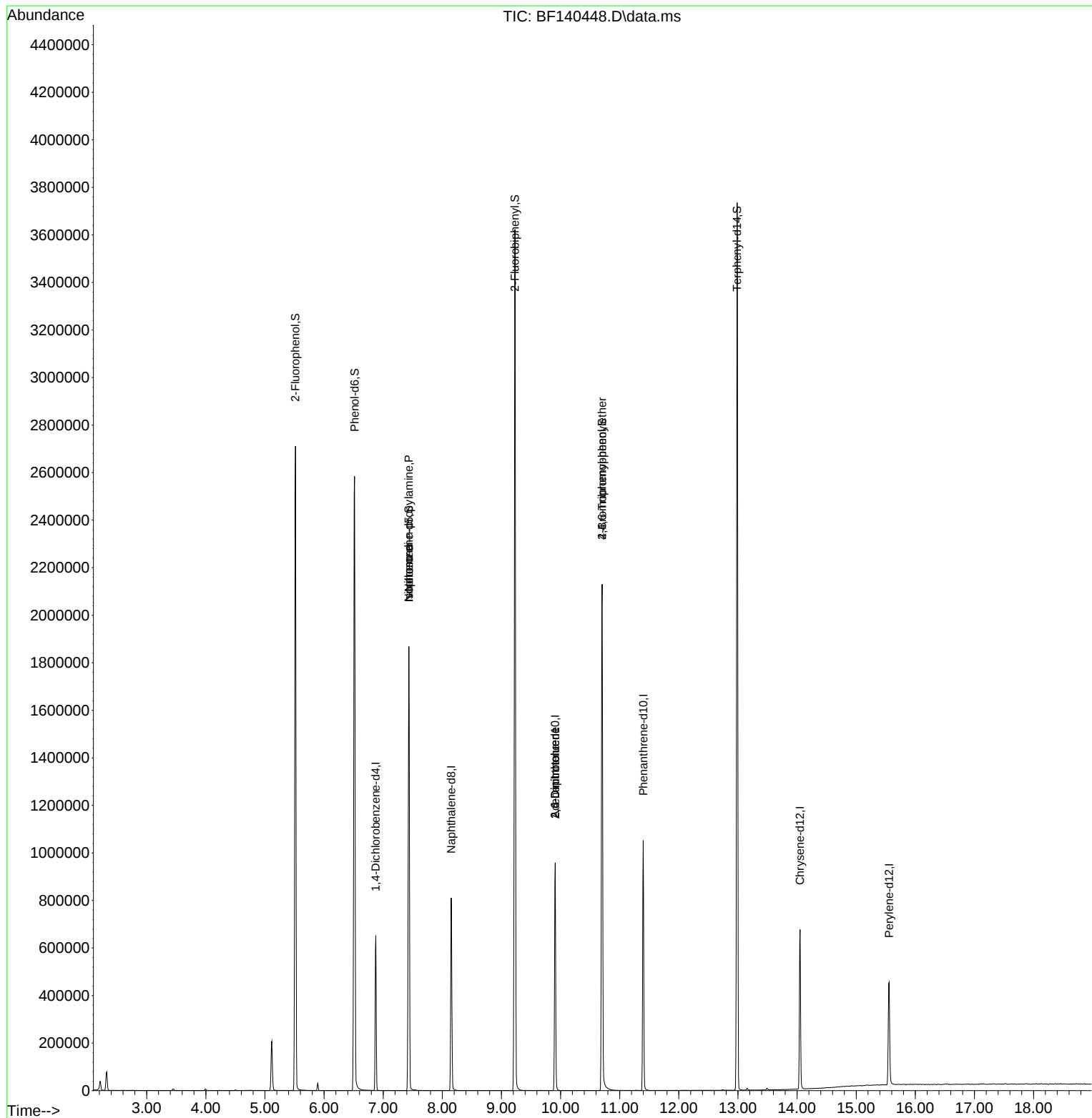
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	137693	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	537124	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	302062	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	571216	20.000	ng	0.00
76) Chrysene-d12	14.051	240	335934	20.000	ng	0.00
86) Perylene-d12	15.556	264	283190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1057599	131.142	ng	0.02
7) Phenol-d6	6.516	99	1382954	126.573	ng	0.01
23) Nitrobenzene-d5	7.433	82	918736	89.120	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	397896	132.466	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1703658	90.667	ng	0.00
79) Terphenyl-d14	12.986	244	1892743	97.799	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	124430	18.856	ng	# 77
25) Isophorone	7.433	82	909592	49.785	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	38678	8.617	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	38678	6.547	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	24924	4.365	ng	# 1

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

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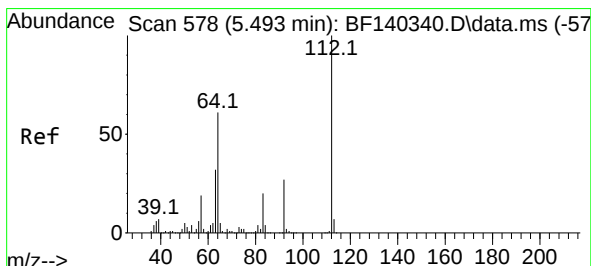
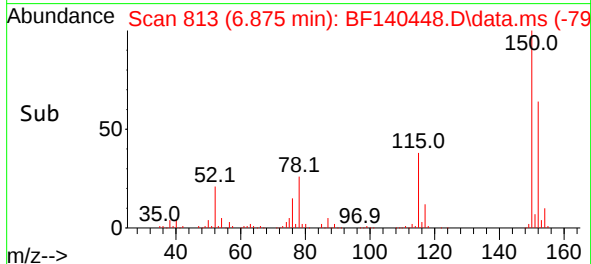
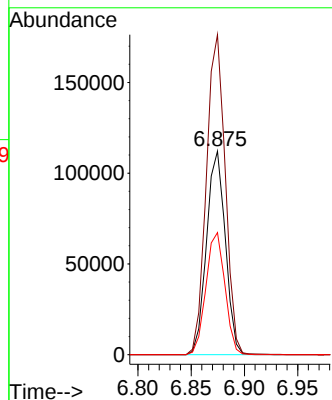
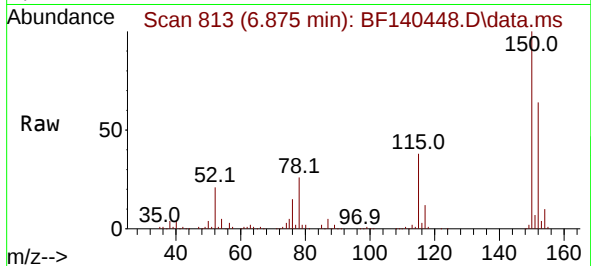




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

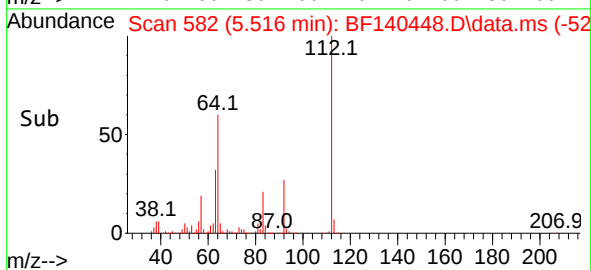
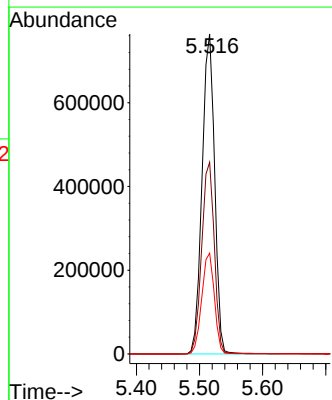
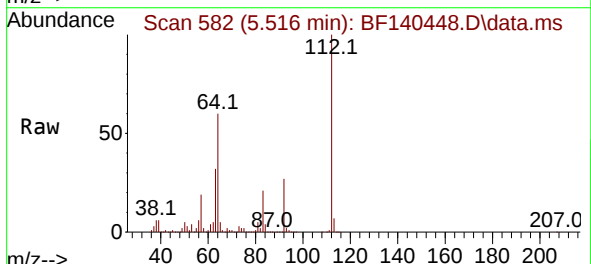
Instrument :
BNA_F
ClientSampleId :
PB164940BL

Tgt Ion:152 Resp: 137693
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.0
115 60.0 47.4 71.2



#5
2-Fluorophenol
Concen: 131.142 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

Tgt Ion:112 Resp: 1057599
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.5 25.6 38.4





#7

Phenol-d6

Concen: 126.573 ng

RT: 6.516 min Scan# 70

Delta R.T. 0.012 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PB164940BL

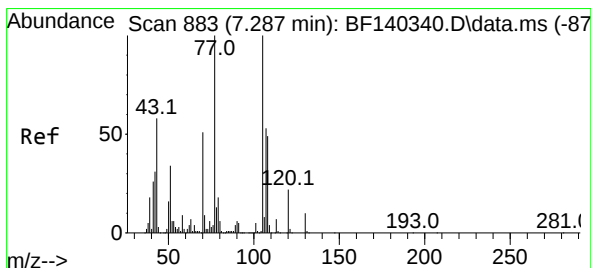
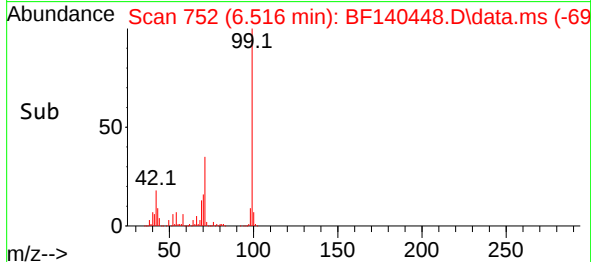
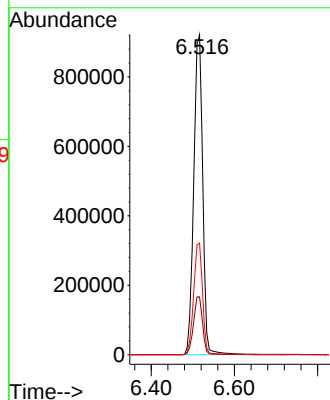
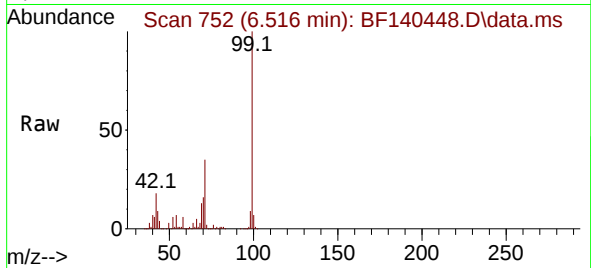
Tgt Ion: 99 Resp: 1382954

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

71 34.9 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.856 ng

RT: 7.433 min Scan# 908

Delta R.T. 0.141 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

Tgt Ion: 70 Resp: 124430

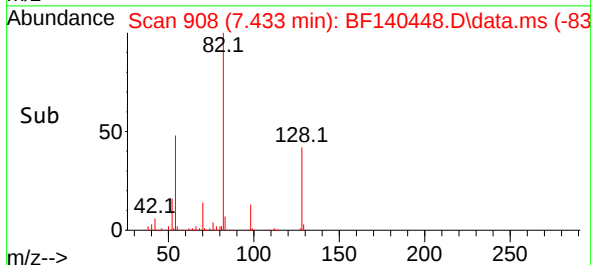
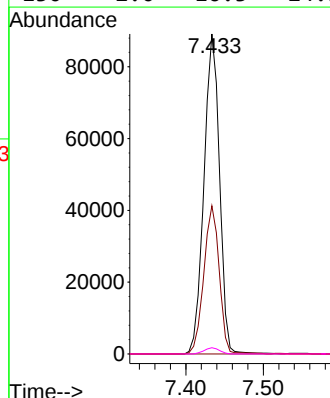
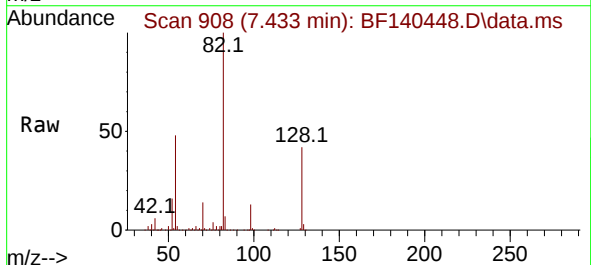
Ion Ratio Lower Upper

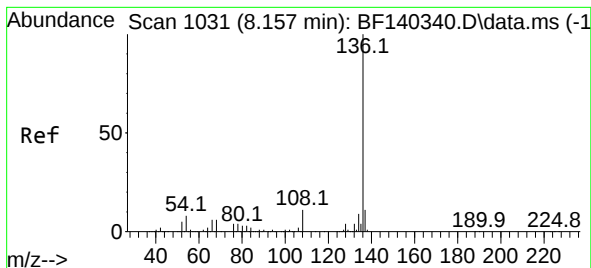
70 100

42 46.3 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: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PB164940BL

Tgt Ion:136 Resp: 537124

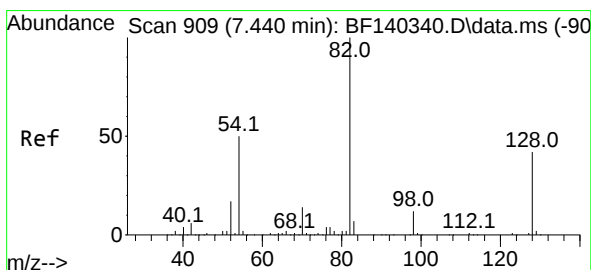
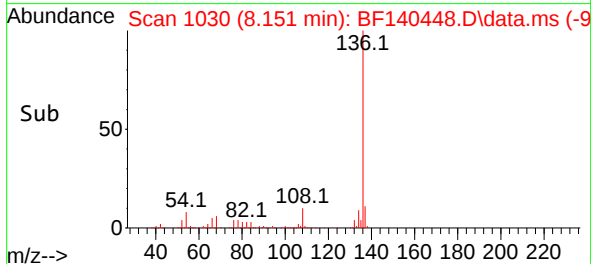
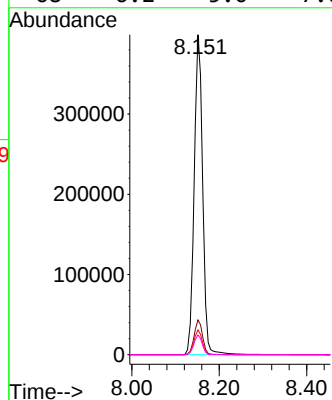
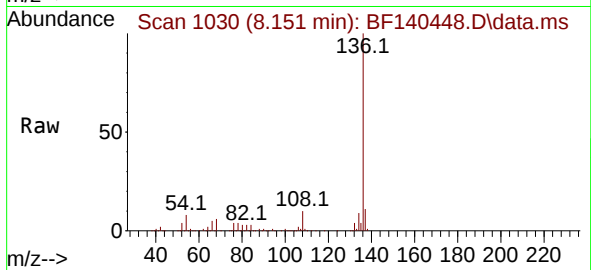
Ion Ratio Lower Upper

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: 89.120 ng

RT: 7.433 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

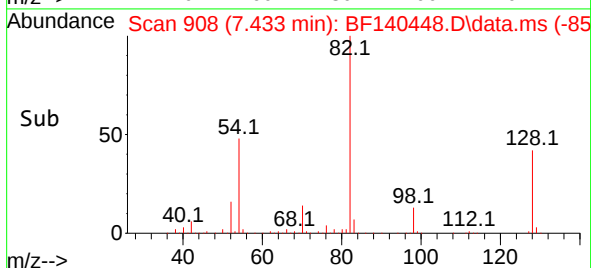
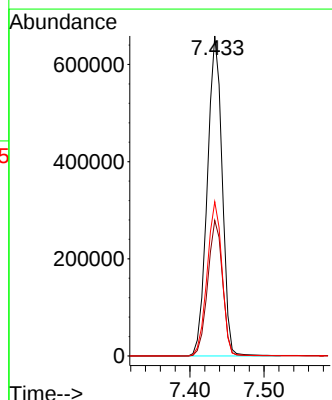
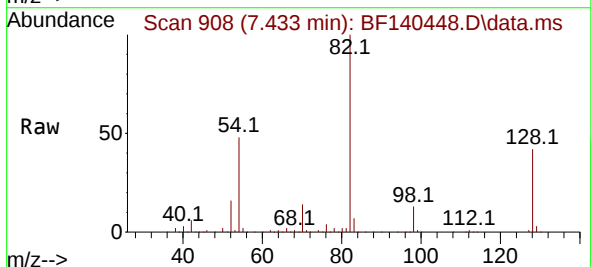
Tgt Ion: 82 Resp: 918736

Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

54 48.2 39.8 59.8

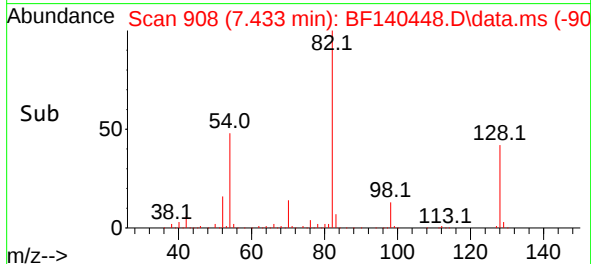
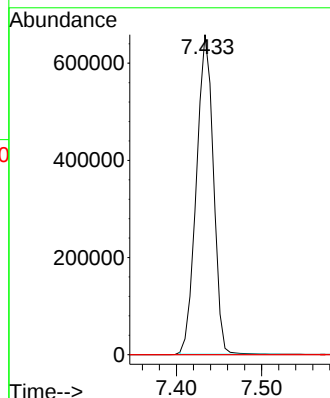
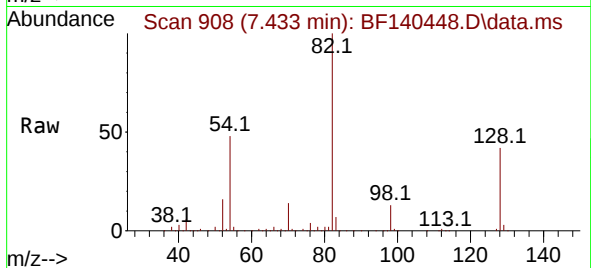




#25
Isophorone
Concen: 49.785 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

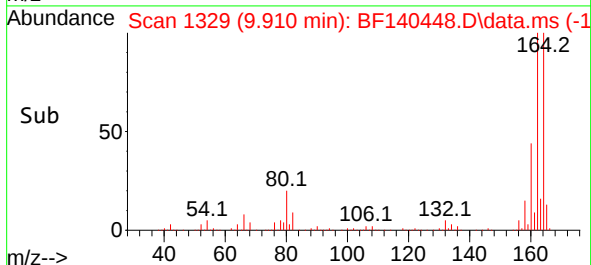
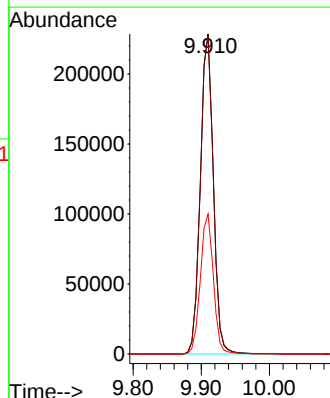
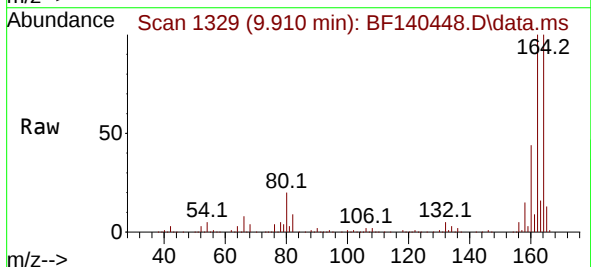
Instrument :
BNA_F
ClientSampleId :
PB164940BL

Tgt Ion: 82 Resp: 909592
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: BF140448.D
Acq: 18 Nov 2024 12:24

Tgt Ion:164 Resp: 302062
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 43.7 35.4 53.0

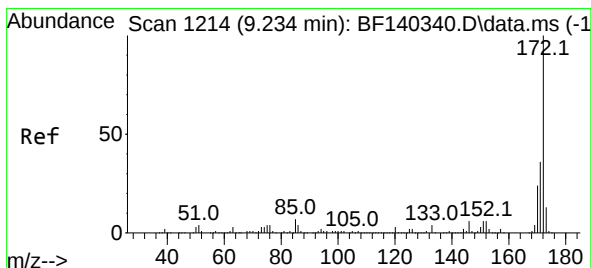
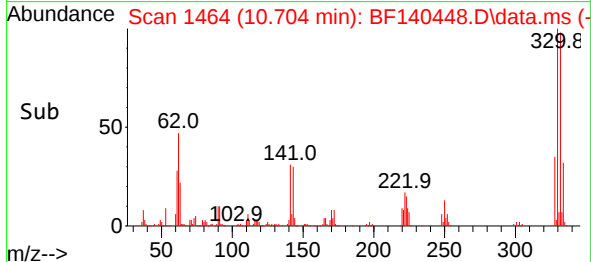
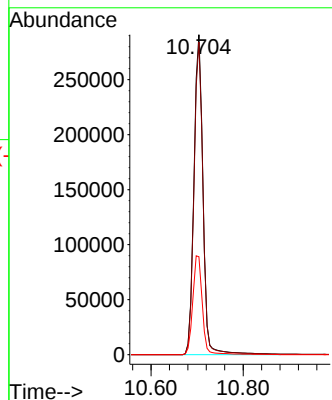
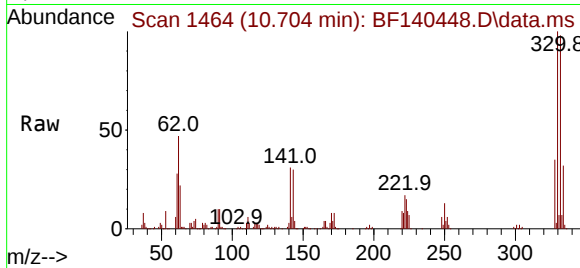




#42
 2,4,6-Tribromophenol
 Concen: 132.466 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: BF140448.D
 Acq: 18 Nov 2024 12:24

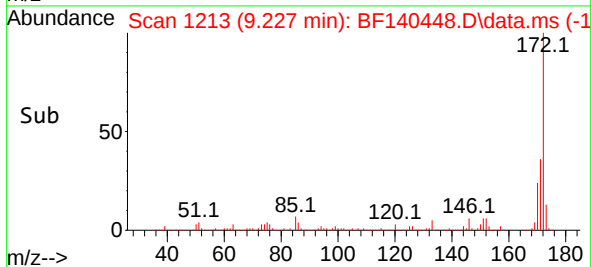
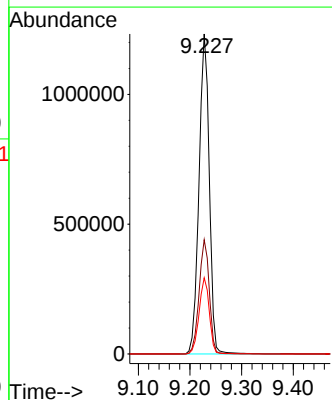
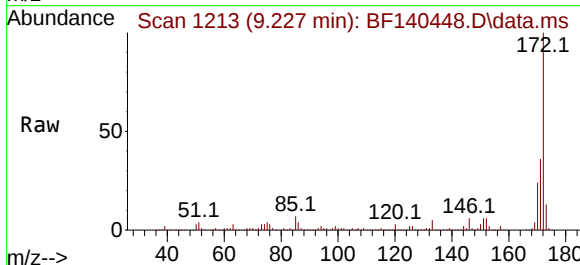
Instrument :
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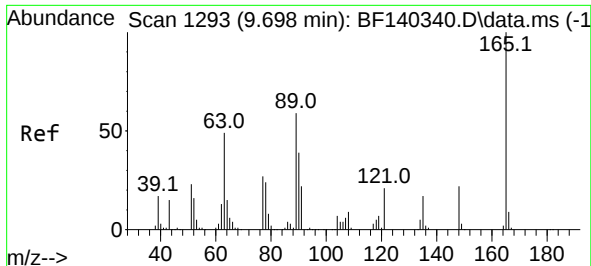
Tgt Ion:330 Resp: 397896
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.9 113.9
 141 32.6 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 90.667 ng
 RT: 9.227 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140448.D
 Acq: 18 Nov 2024 12:24

Tgt Ion:172 Resp: 1703658
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.8 19.1 28.7

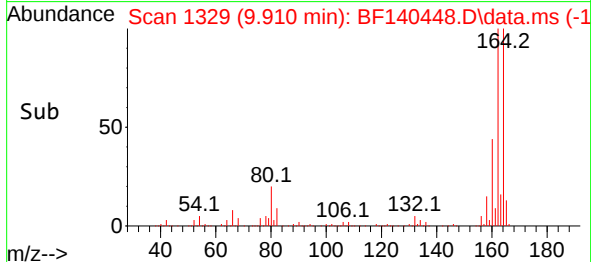
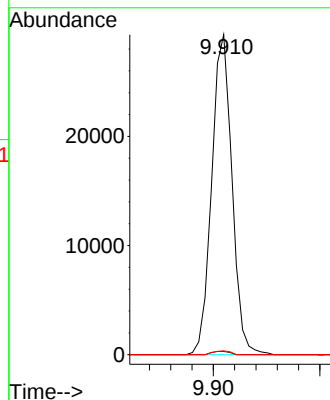
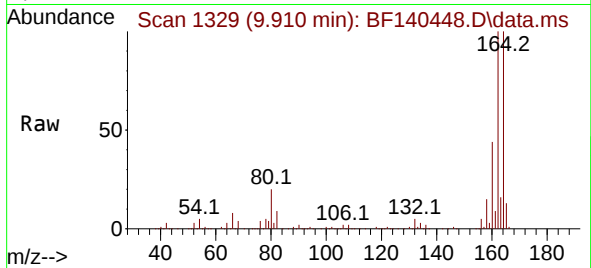




#51
2,6-Dinitrotoluene
Concen: 8.617 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

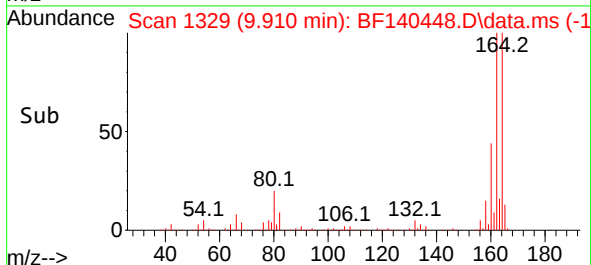
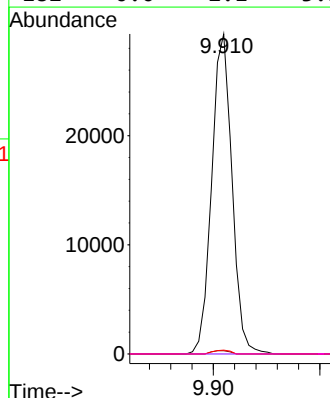
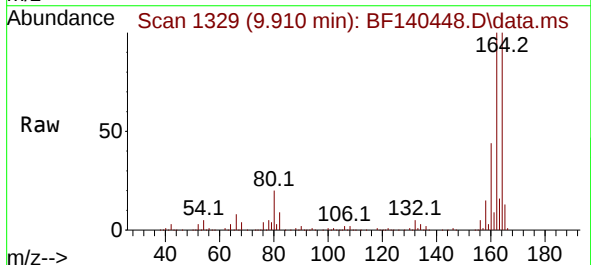
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ClientSampleId :
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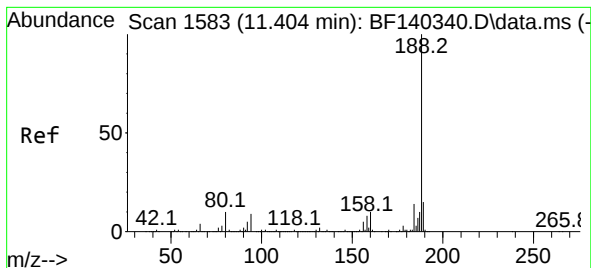
Tgt Ion:165 Resp: 38678
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.547 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140448.D
Acq: 18 Nov 2024 12:24

Tgt Ion:165 Resp: 38678
Ion Ratio Lower Upper
165 100
63 1.0 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# 1

Delta R.T. -0.006 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PB164940BL

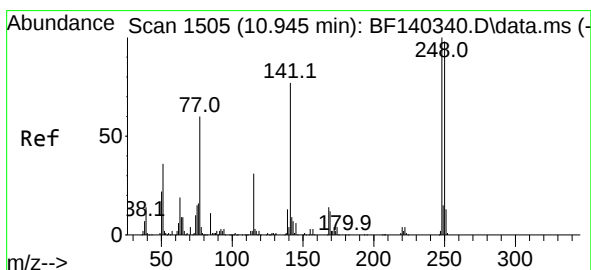
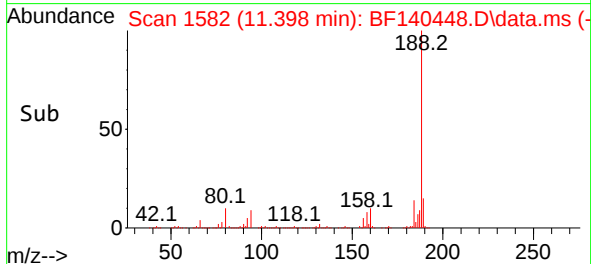
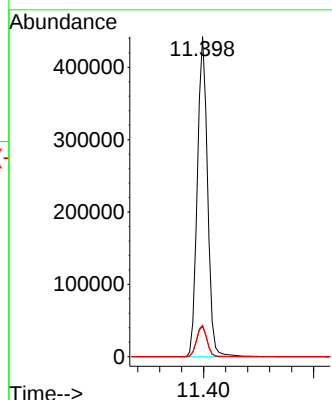
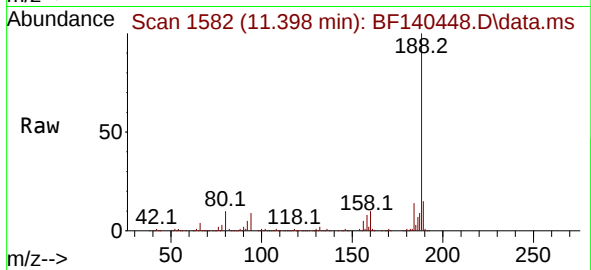
Tgt Ion:188 Resp: 571216

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 9.8 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.365 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

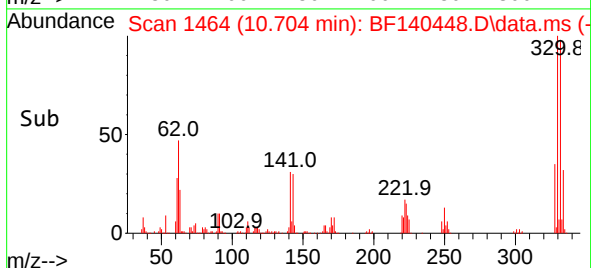
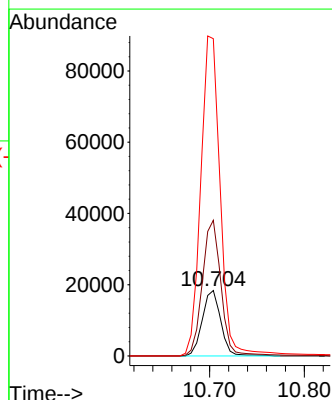
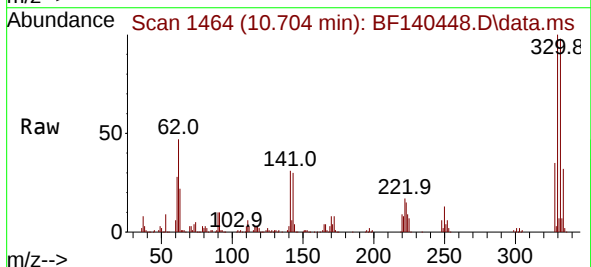
Tgt Ion:248 Resp: 24924

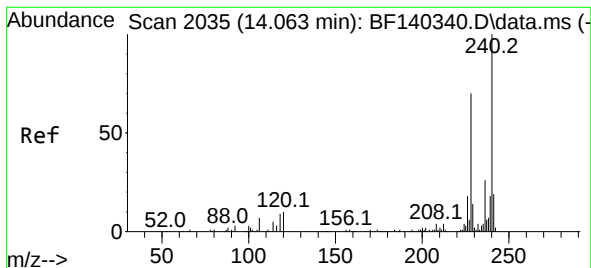
Ion Ratio Lower Upper

248 100

250 207.4 77.9 116.9#

141 484.8 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: BF140448.D

Acq: 18 Nov 2024 12:24

Instrument :

BNA_F

ClientSampleId :

PB164940BL

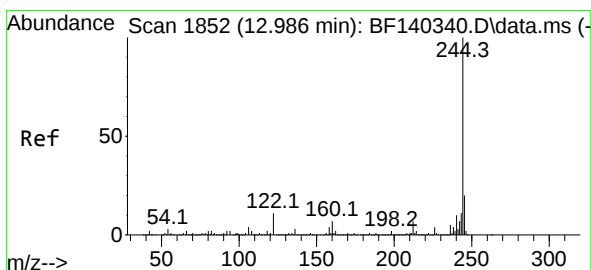
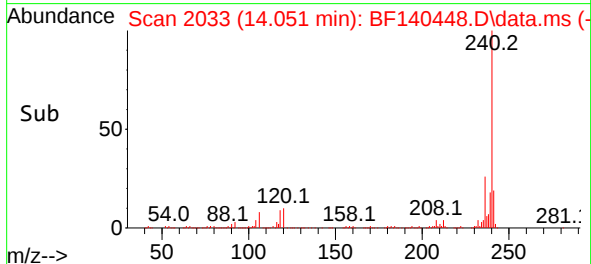
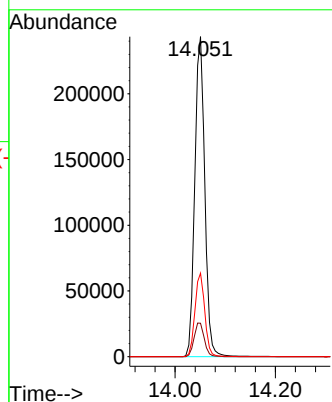
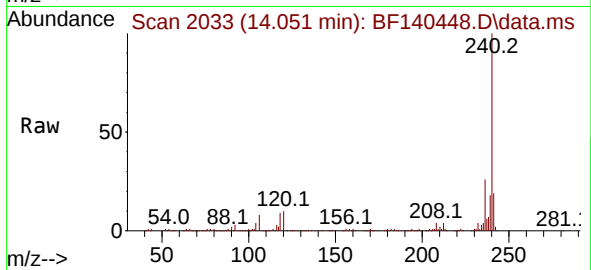
Tgt Ion:240 Resp: 335934

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 97.799 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140448.D

Acq: 18 Nov 2024 12:24

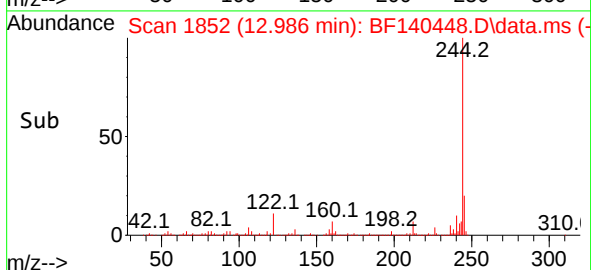
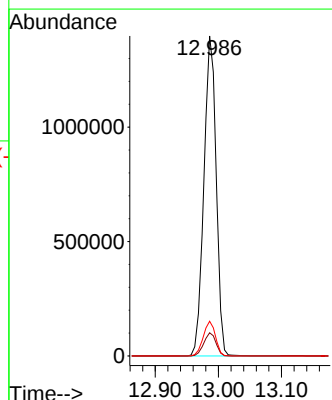
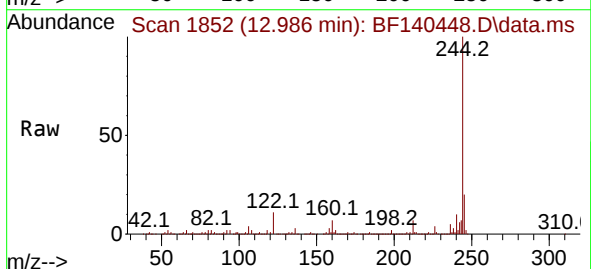
Tgt Ion:244 Resp: 1892743

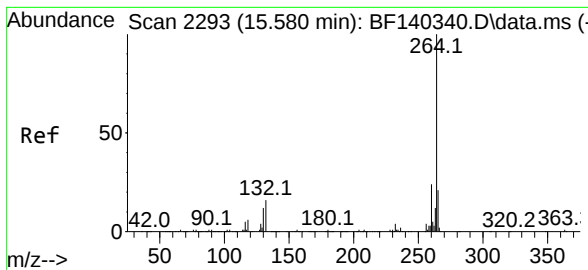
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

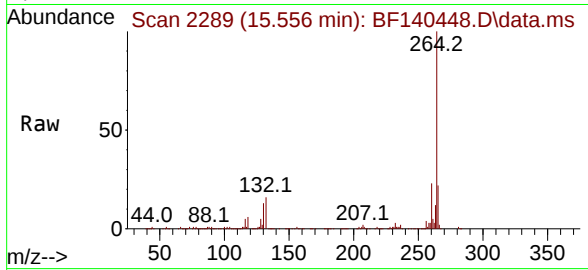
122 10.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140448.D
 Acq: 18 Nov 2024 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PB164940BL



Tgt Ion:	264	Resp:	283190
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.7	17.1	25.7

