

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140014.D
 Acq On : 24 Oct 2024 21:33
 Operator : RC/JU
 Sample : P4460-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-303-BOT

Quant Time: Oct 25 01:09:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

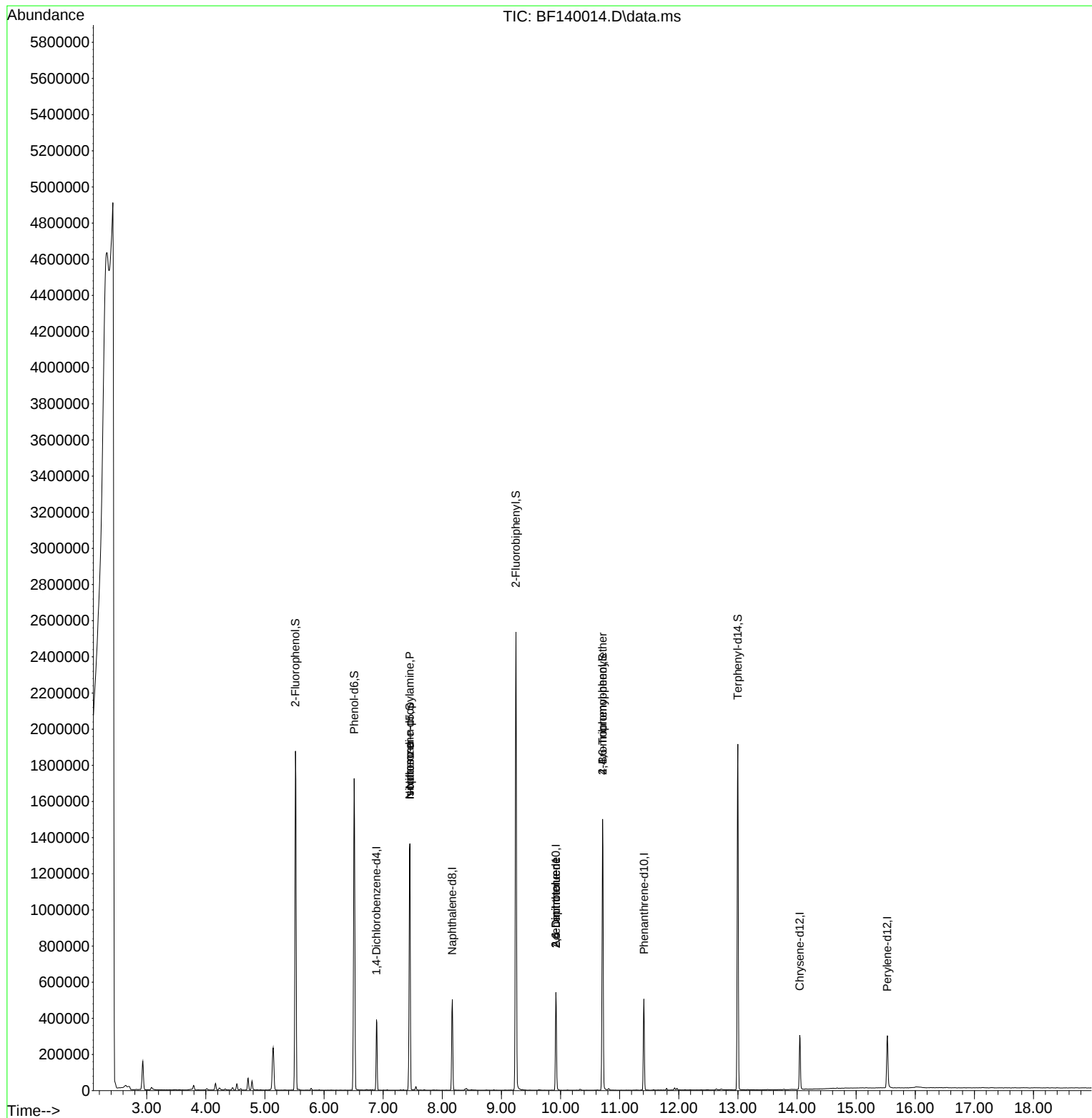
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	78929	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	298852	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	160883	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	260924	20.000	ng	0.00
76) Chrysene-d12	14.045	240	149255	20.000	ng	0.00
86) Perylene-d12	15.527	264	181569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	703413	139.516	ng	0.02
7) Phenol-d6	6.510	99	824544	126.271	ng	0.00
23) Nitrobenzene-d5	7.451	82	635398	117.838	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	261706	173.908	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1163890	119.563	ng	0.00
79) Terphenyl-d14	12.998	244	950993	103.824	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	87676	22.138	ng	# 77
25) Isophorone	7.451	82	632124	61.765	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	20681	9.531	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	20681	7.751	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	16449	6.119	ng	# 1

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

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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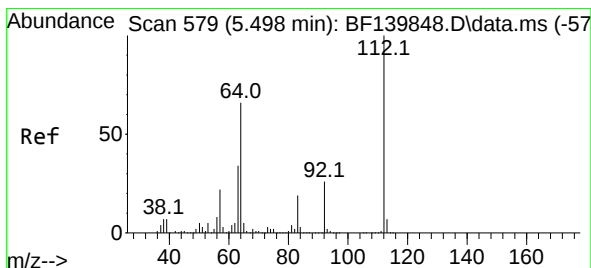
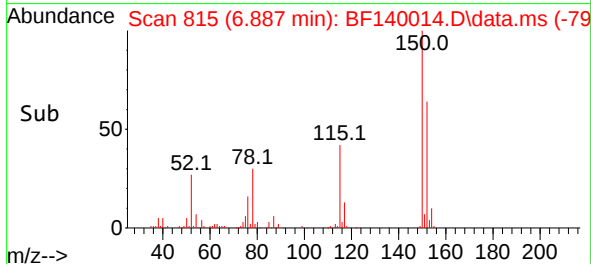
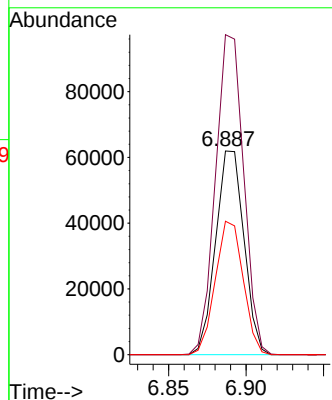
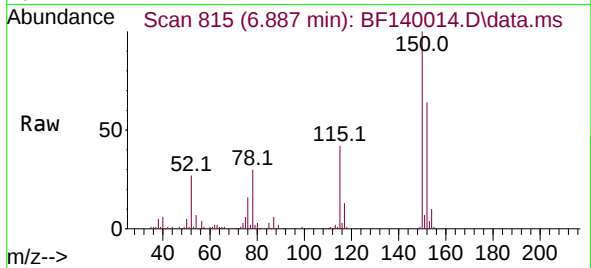




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

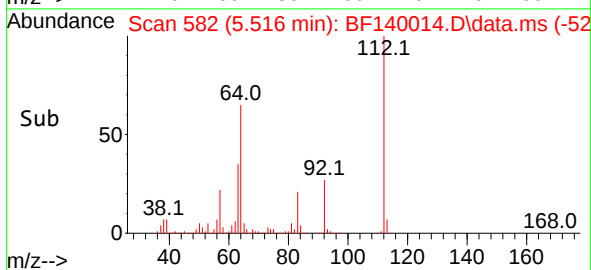
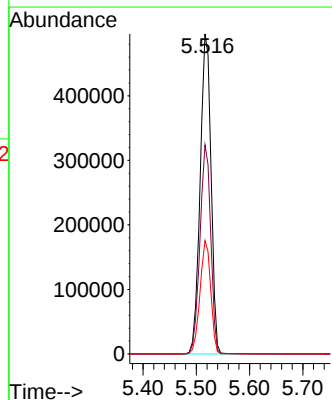
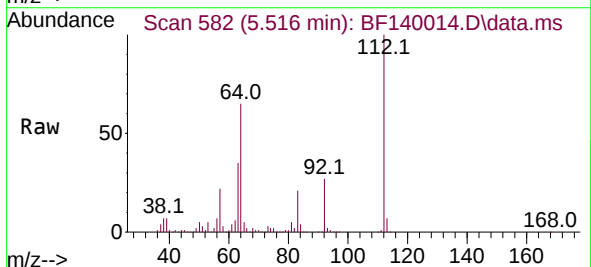
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

Tgt Ion:152 Resp: 78929
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 65.5 51.4 77.2



#5
2-Fluorophenol
Concen: 139.516 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion:112 Resp: 703413
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 35.4 27.0 40.4

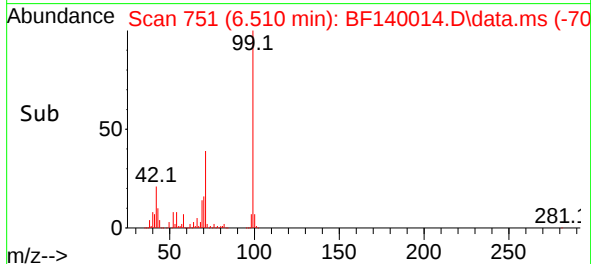
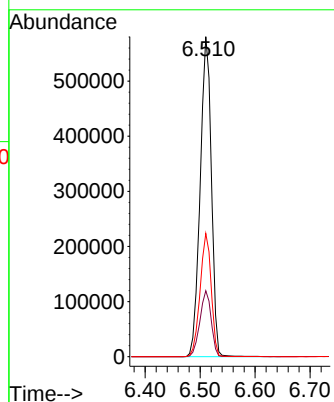
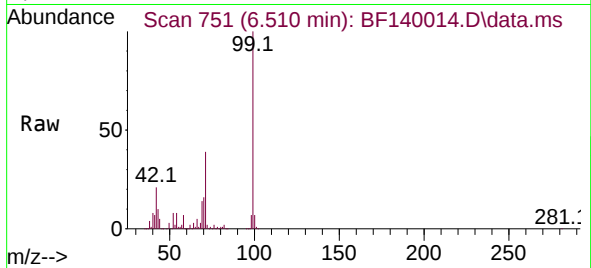




#7
Phenol-d6
Concen: 126.271 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

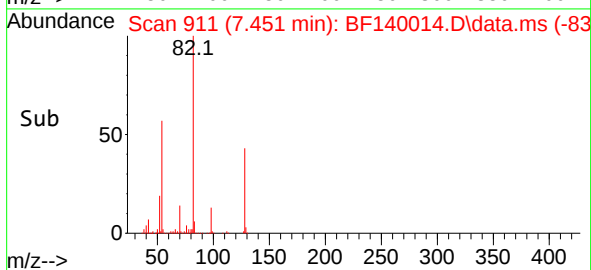
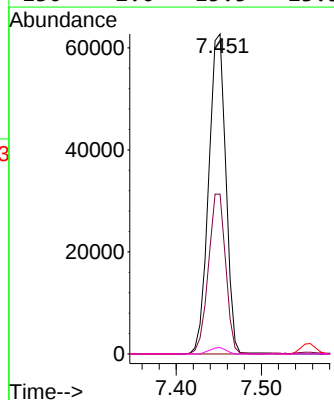
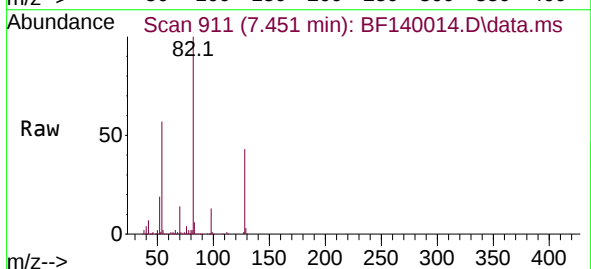
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

Tgt Ion: 99 Resp: 824544
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 38.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 22.138 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion: 70 Resp: 87676
Ion Ratio Lower Upper
70 100
42 49.9 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



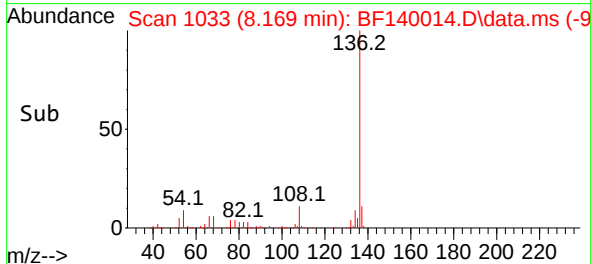
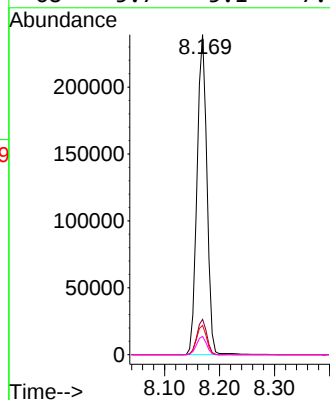
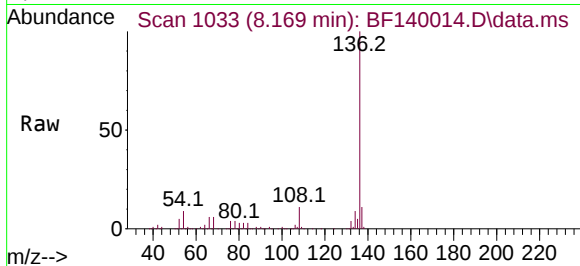


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

Tgt Ion:136 Resp: 298852

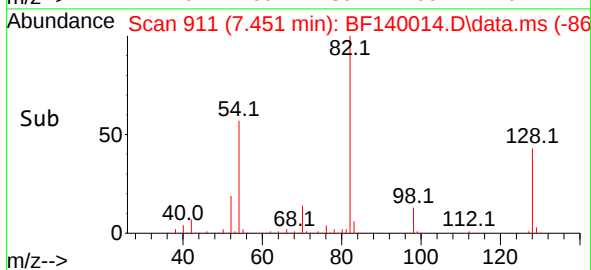
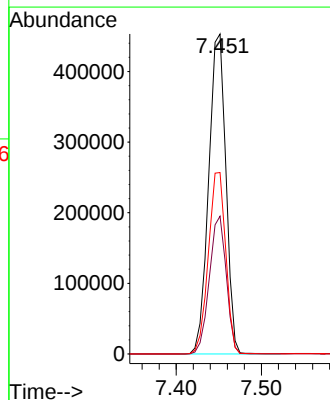
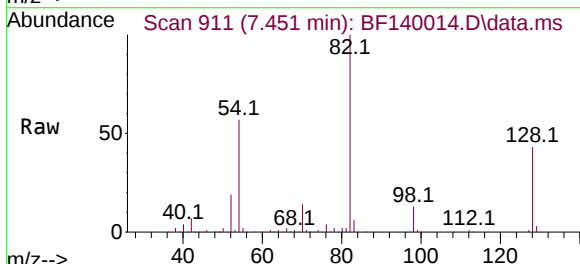
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.2	8.4	12.6
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 117.838 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion: 82 Resp: 635398

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	56.7	47.8	71.8

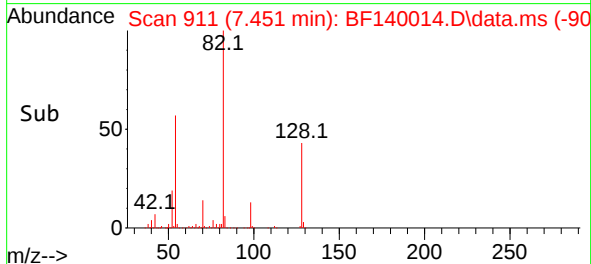
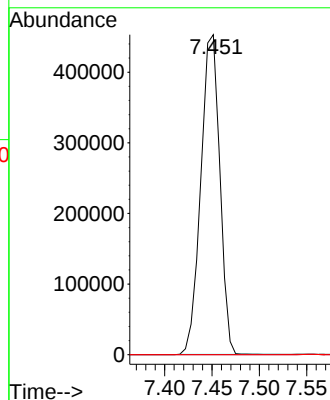
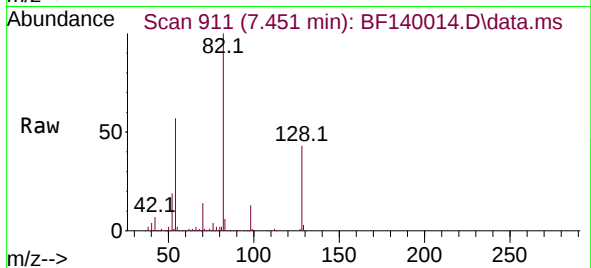




#25
Isophorone
Concen: 61.765 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

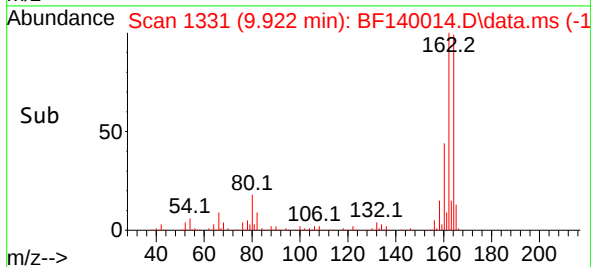
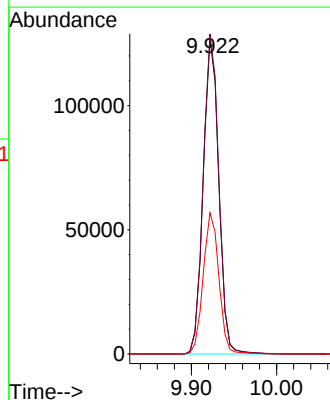
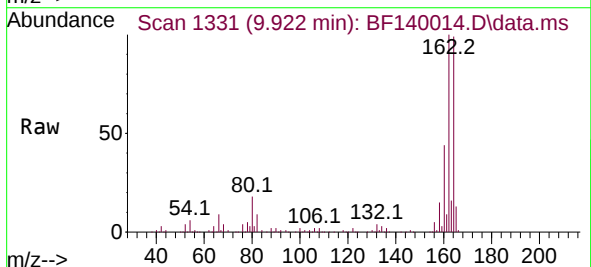
Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

Tgt Ion: 82 Resp: 632124
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

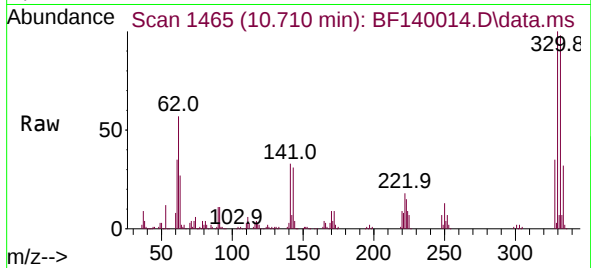
Tgt Ion:164 Resp: 160883
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 44.8 35.4 53.0



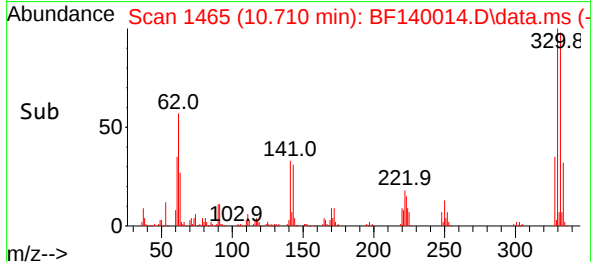
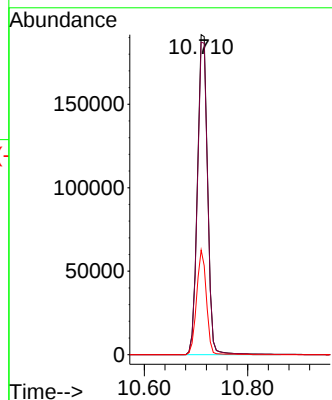


#42
2,4,6-Tribromophenol
Concen: 173.908 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Instrument :
BNA_F
ClientSampleId :
WB-303-BOT

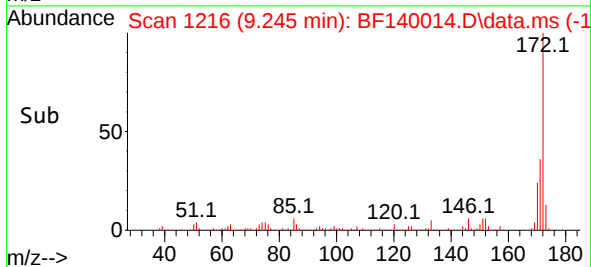
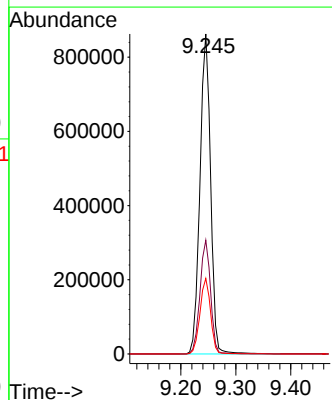
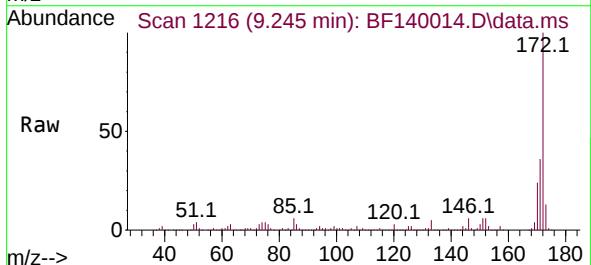


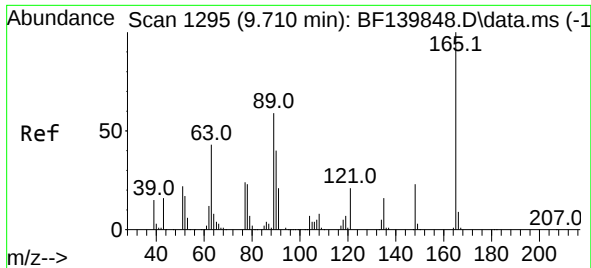
Tgt Ion:330 Resp: 261706
Ion Ratio Lower Upper
330 100
332 97.6 78.1 117.1
141 31.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 119.563 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion:172 Resp: 1163890
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 19.1 28.7

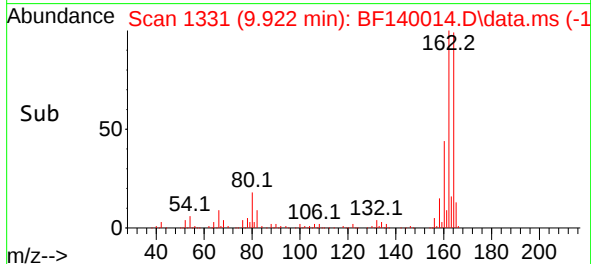
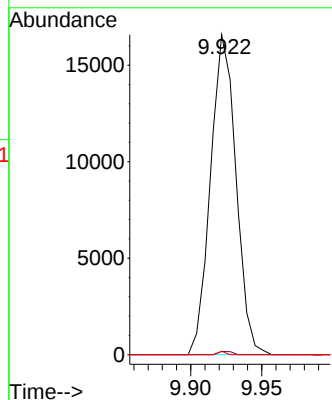
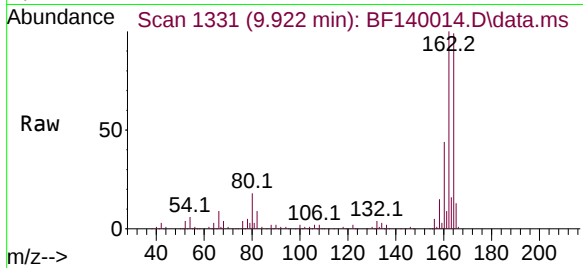




#51
2,6-Dinitrotoluene
Concen: 9.531 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

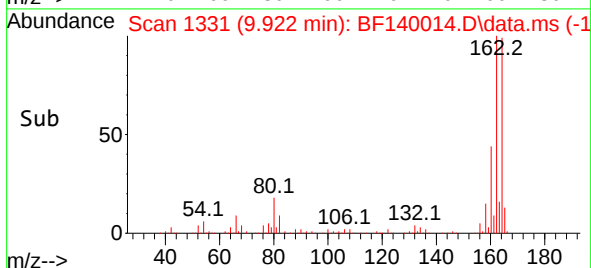
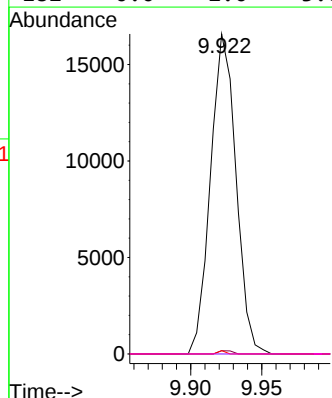
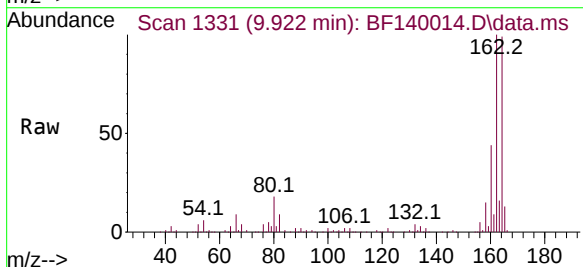
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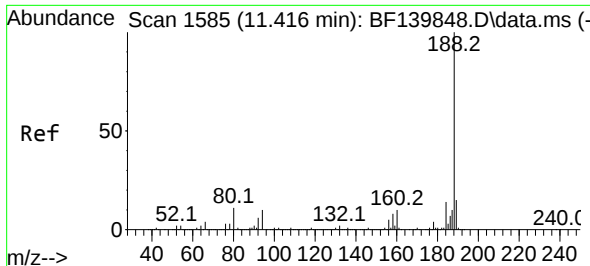
Tgt Ion:165 Resp: 20681
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.751 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion:165 Resp: 20681
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

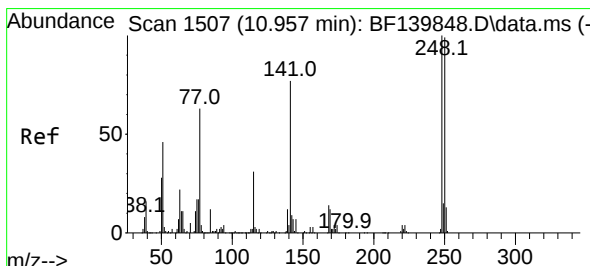
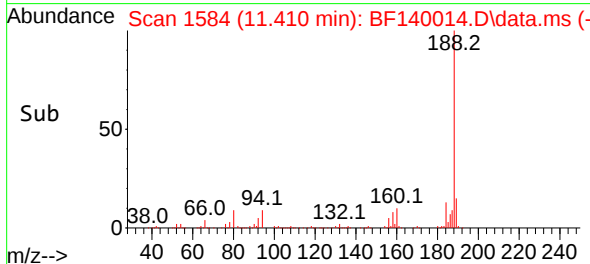
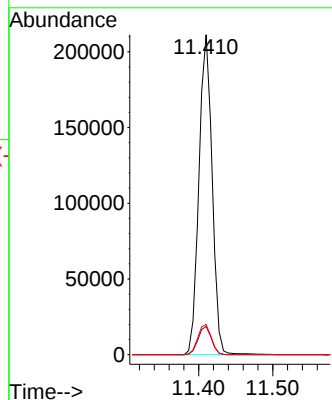
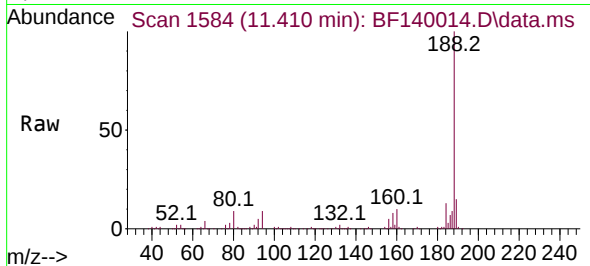




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

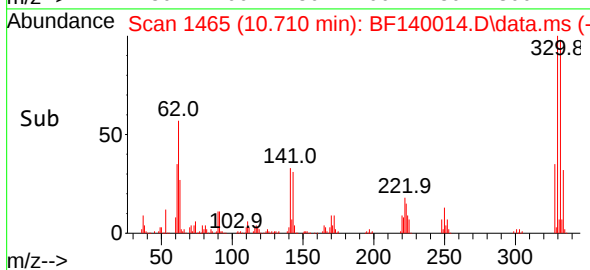
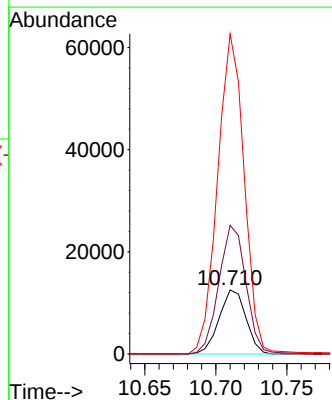
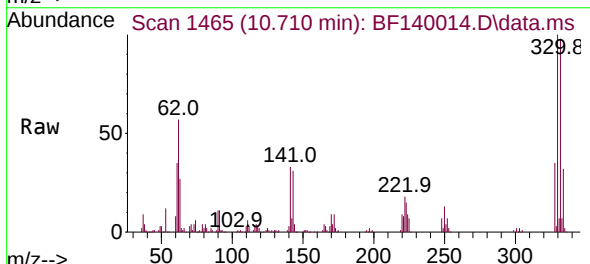
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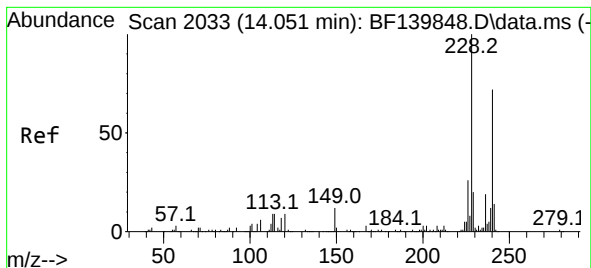
Tgt Ion:188 Resp: 260924
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.4 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 6.119 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140014.D
Acq: 24 Oct 2024 21:33

Tgt Ion:248 Resp: 16449
Ion Ratio Lower Upper
248 100
250 200.9 79.0 118.6#
141 499.5 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140014.D

Acq: 24 Oct 2024 21:33

Instrument :

BNA_F

ClientSampleId :

WB-303-BOT

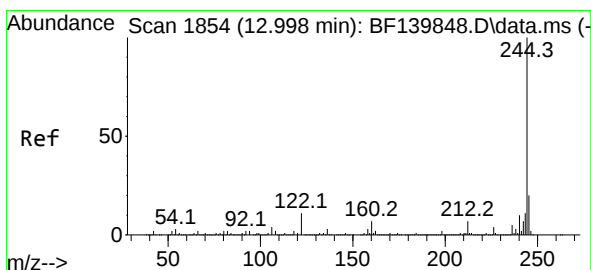
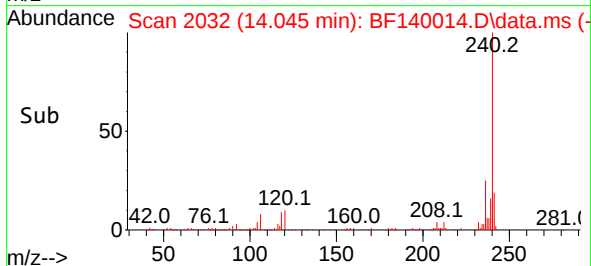
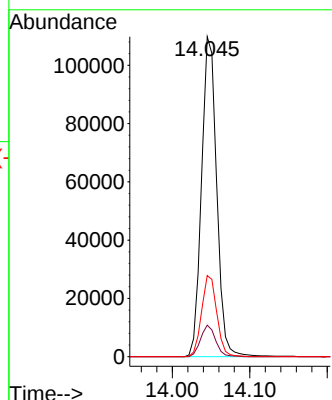
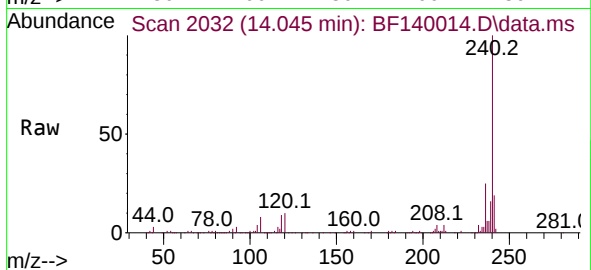
Tgt Ion:240 Resp: 149255

Ion Ratio Lower Upper

240 100

120 9.8 9.4 14.2

236 25.3 20.9 31.3



#79

Terphenyl-d14

Concen: 103.824 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140014.D

Acq: 24 Oct 2024 21:33

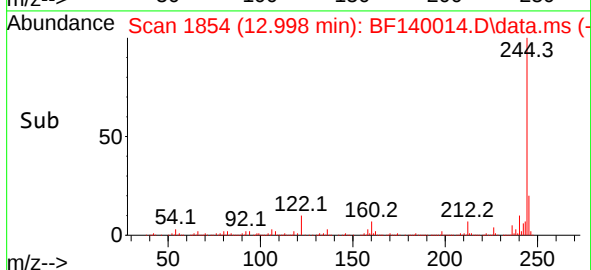
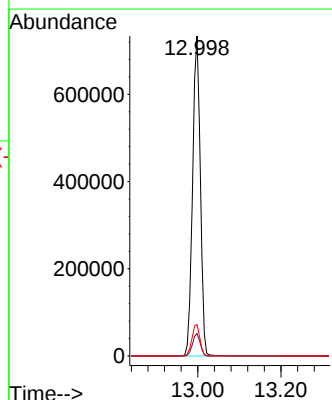
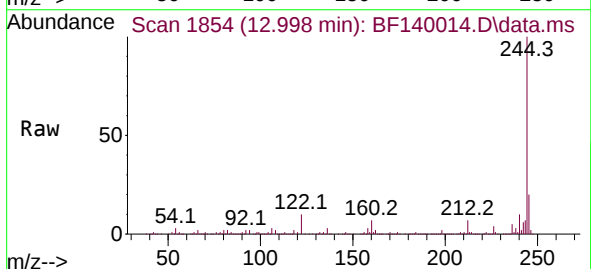
Tgt Ion:244 Resp: 950993

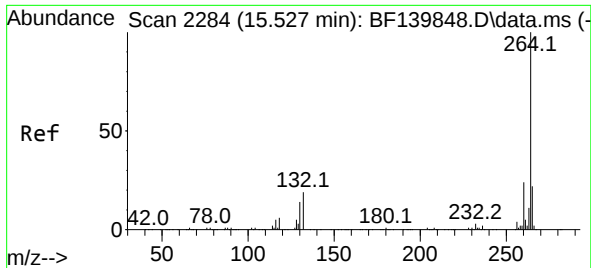
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140014.D
 Acq: 24 Oct 2024 21:33

Instrument :
 BNA_F
 ClientSampleId :
 WB-303-BOT

Tgt Ion:264 Resp: 181569
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.2
 265 21.2 17.4 26.0

