

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140630.D
 Acq On : 26 Nov 2024 10:01
 Operator : RC/JU
 Sample : PB165203BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165203BL

Quant Time: Nov 26 10:52:37 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)

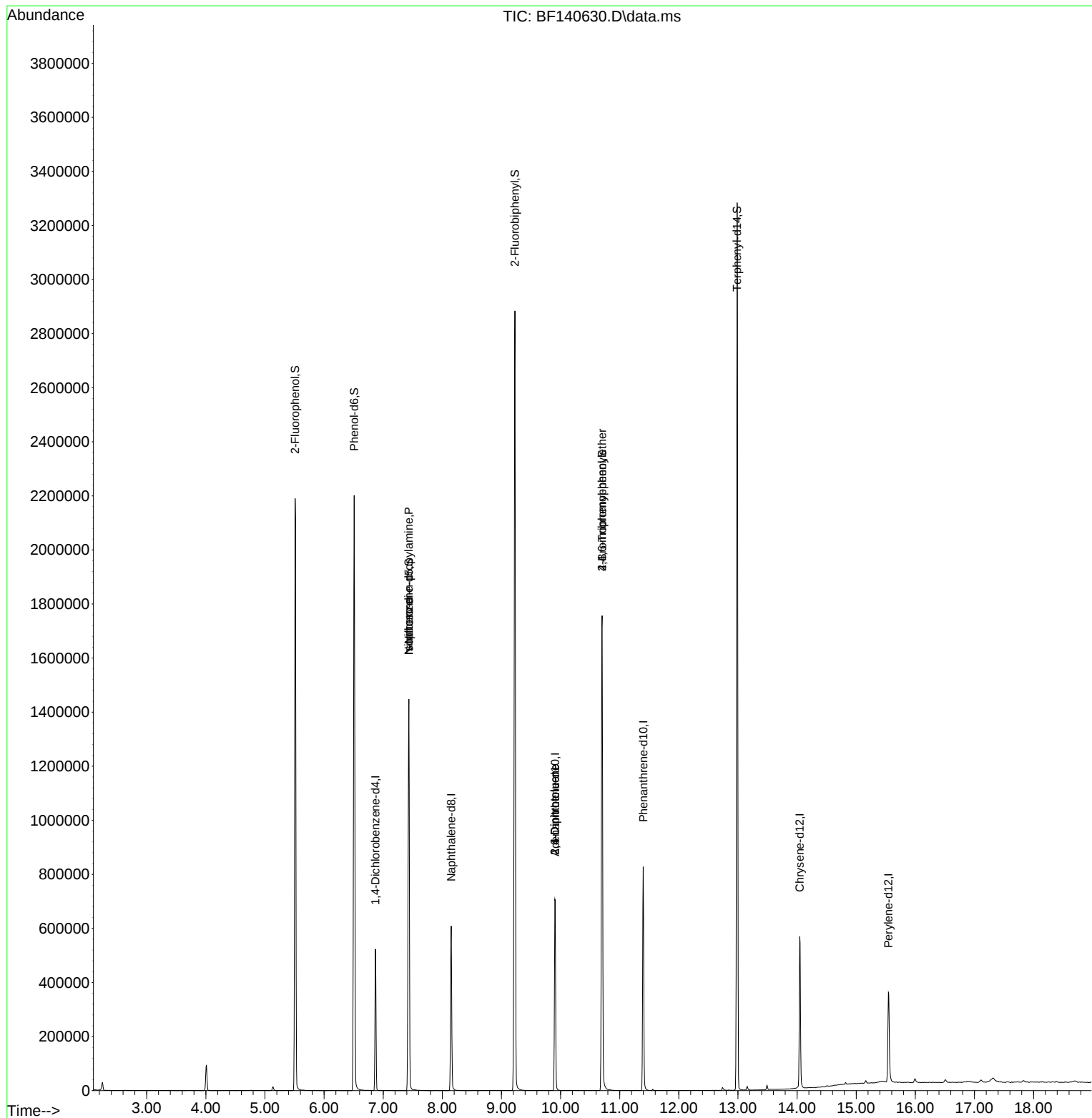
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	110120	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	416843	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	238677	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	464882	20.000	ng	0.00
76) Chrysene-d12	14.045	240	288723	20.000	ng	0.00
86) Perylene-d12	15.545	264	217803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	854959	132.468	ng	0.01
7) Phenol-d6	6.510	99	1132129	132.685	ng	0.00
23) Nitrobenzene-d5	7.433	82	742229	91.078	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	339820	133.123	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1430496	89.299	ng	0.00
79) Terphenyl-d14	12.986	244	1662889	89.682	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	100416	19.913	ng	# 74
25) Isophorone	7.433	82	734381	54.028	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	30906	8.669	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	30906	6.523	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	21016	4.390	ng	# 1

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

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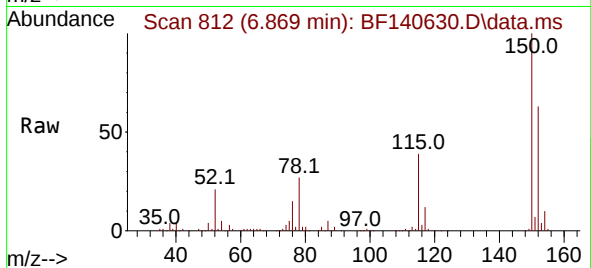
Quant Time: Nov 26 10:52:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



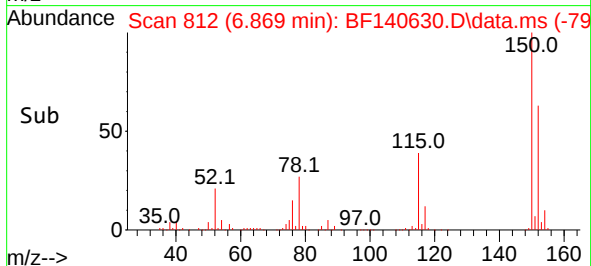
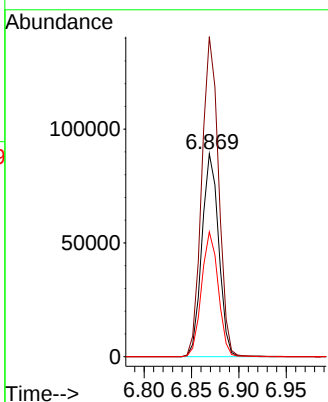


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

Instrument :
BNA_F
ClientSampleId :
PB165203BL

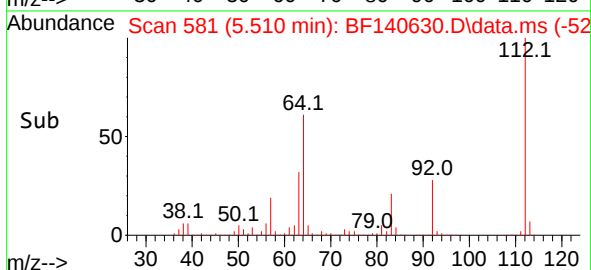
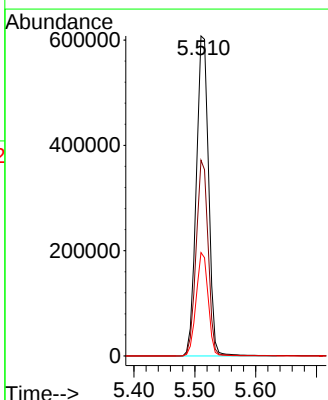
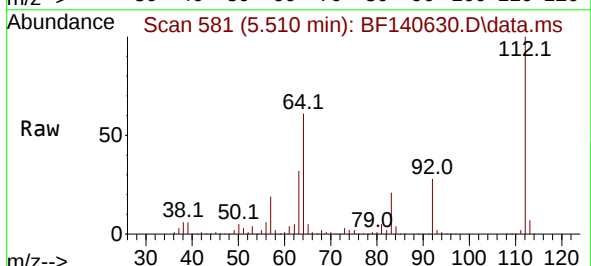


Tgt Ion:152 Resp: 110120
Ion Ratio Lower Upper
152 100
150 157.7 128.5 192.7
115 61.5 50.2 75.4



#5
2-Fluorophenol
Concen: 132.468 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

Tgt Ion:112 Resp: 854959
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.3 27.0 40.4

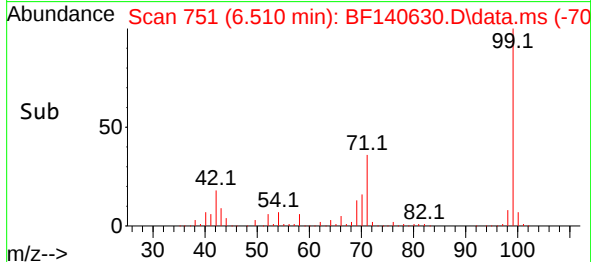
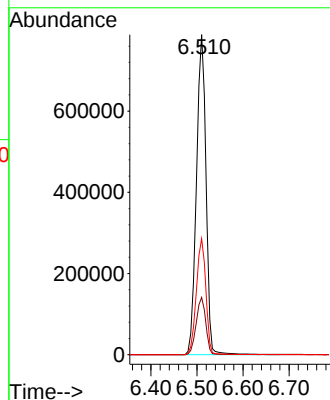
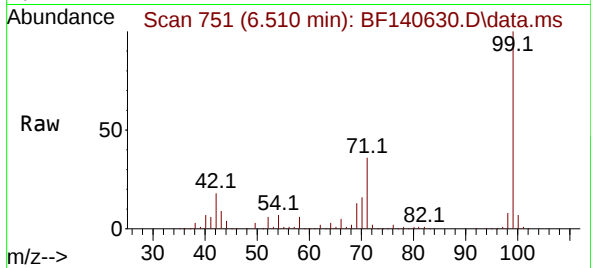




#7
Phenol-d6
Concen: 132.685 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

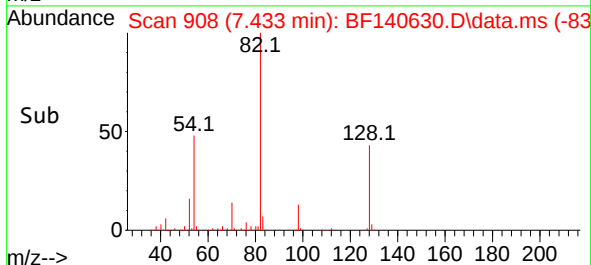
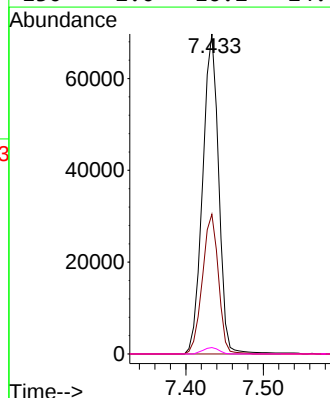
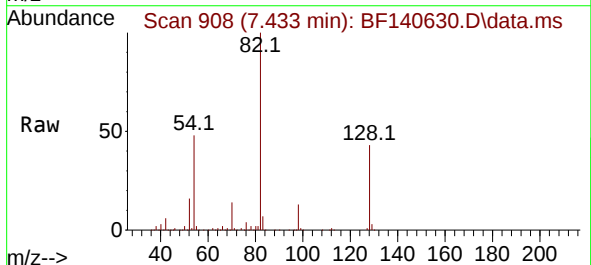
Instrument :
BNA_F
ClientSampleId :
PB165203BL

Tgt Ion: 99 Resp: 1132129
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.913 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

Tgt Ion: 70 Resp: 100416
Ion Ratio Lower Upper
70 100
42 43.6 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

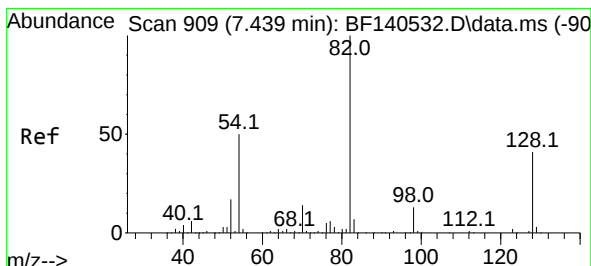
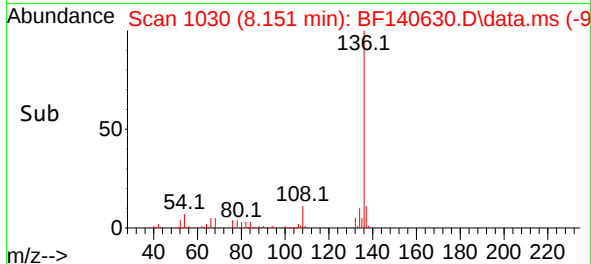
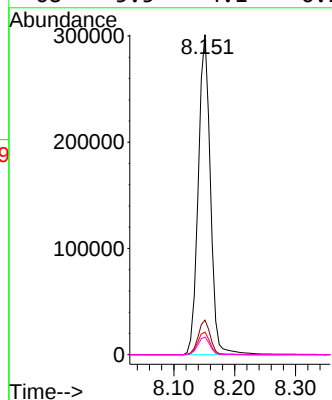
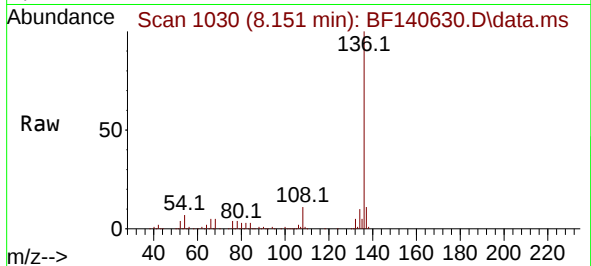




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

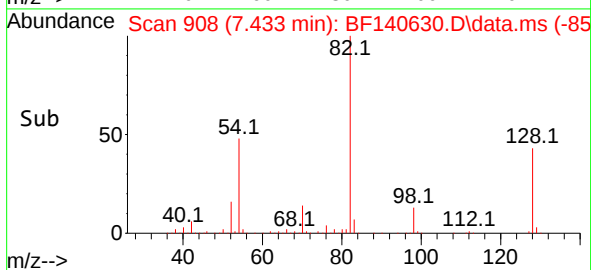
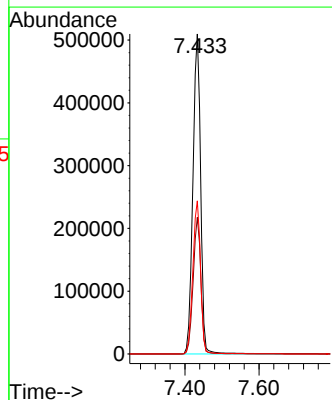
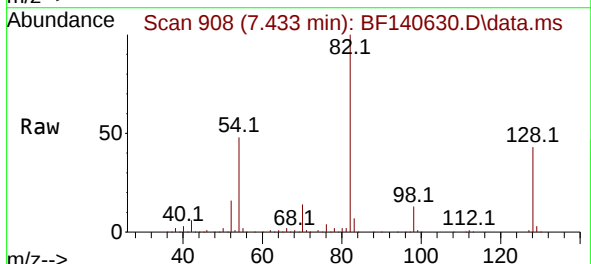
Instrument :
BNA_F
ClientSampleId :
PB165203BL

Tgt Ion:136 Resp: 416843
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.1 5.8 8.8
68 5.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 91.078 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

Tgt Ion: 82 Resp: 742229
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 47.8 39.5 59.3

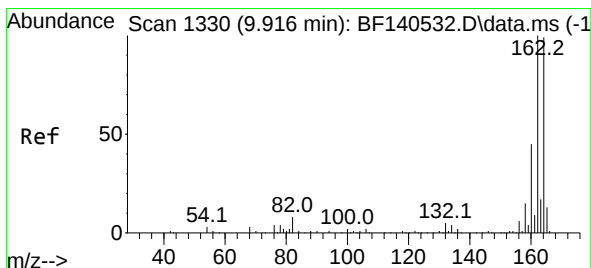
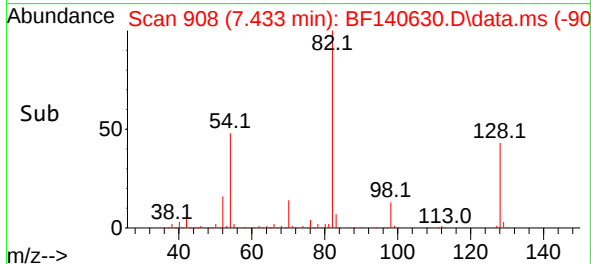
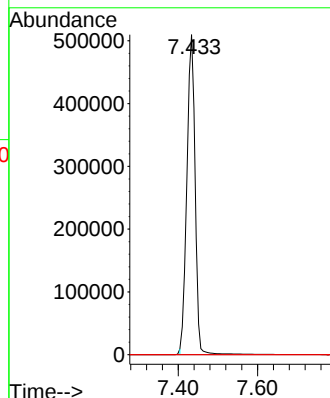
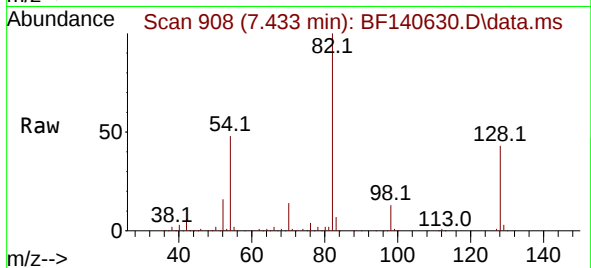




#25
Isophorone
Concen: 54.028 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

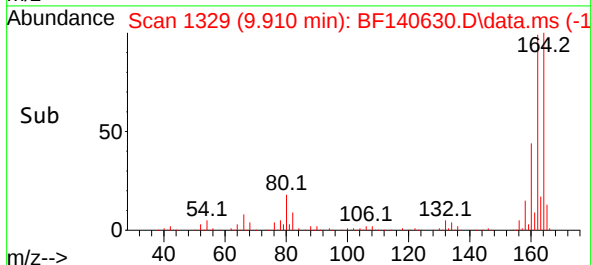
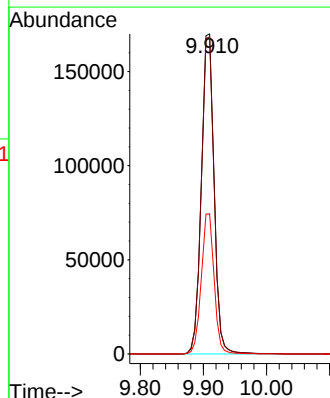
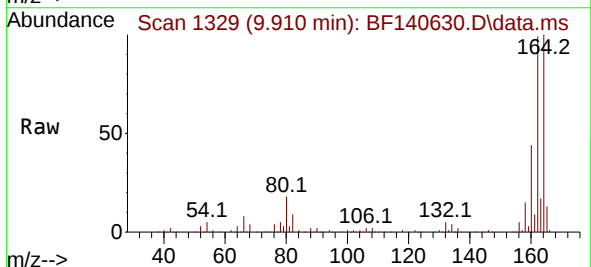
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BNA_F
ClientSampleId :
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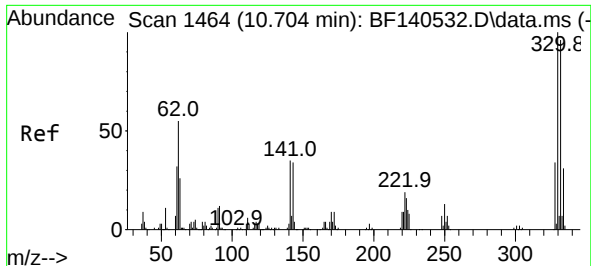
Tgt Ion: 82 Resp: 734381
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

Tgt Ion:164 Resp: 238677
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 43.8 36.2 54.4

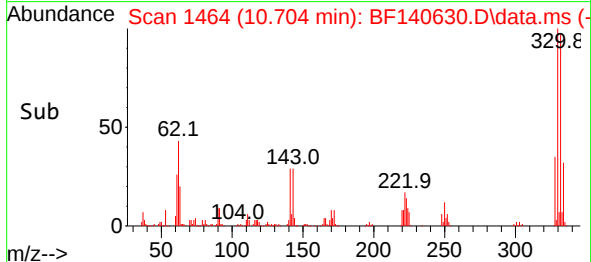
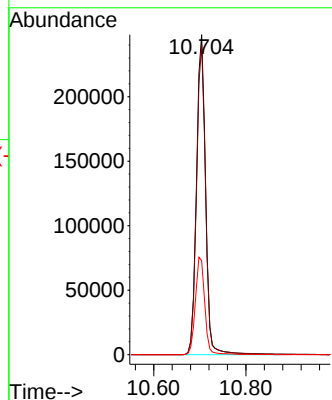
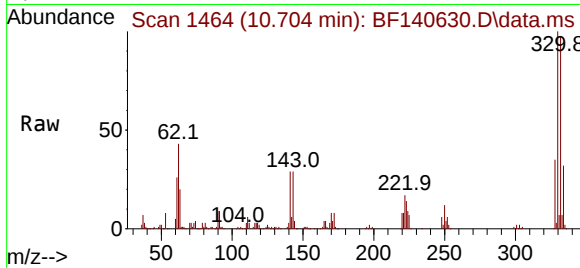




#42
 2,4,6-Tribromophenol
 Concen: 133.123 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: BF140630.D
 Acq: 26 Nov 2024 10:01

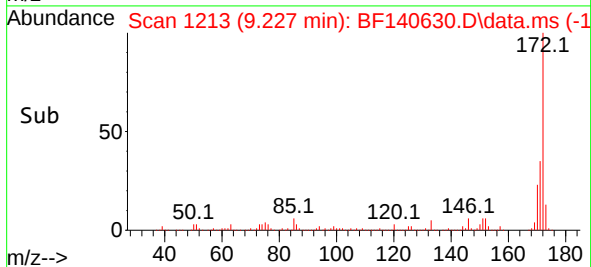
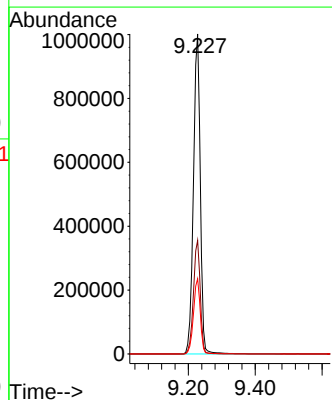
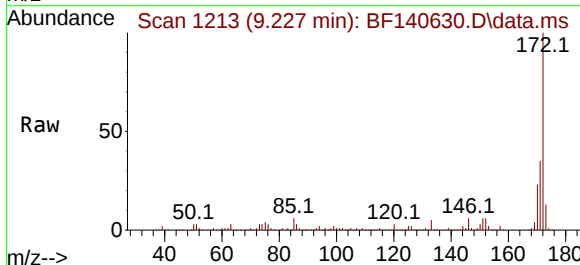
Instrument :
 BNA_F
 ClientSampleId :
 PB165203BL

Tgt Ion:330 Resp: 339820
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.9 115.3
 141 31.7 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 89.299 ng
 RT: 9.227 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140630.D
 Acq: 26 Nov 2024 10:01

Tgt Ion:172 Resp: 1430496
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.4 42.6
 170 23.5 19.0 28.6

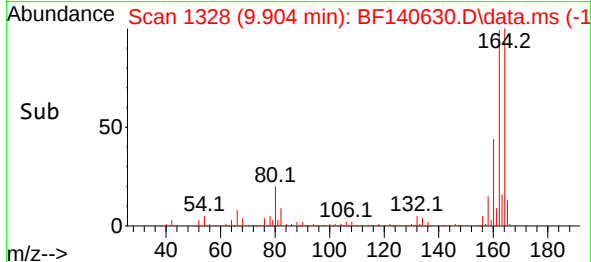
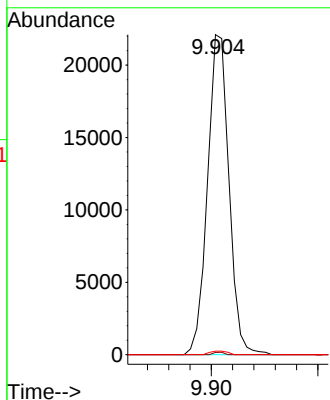
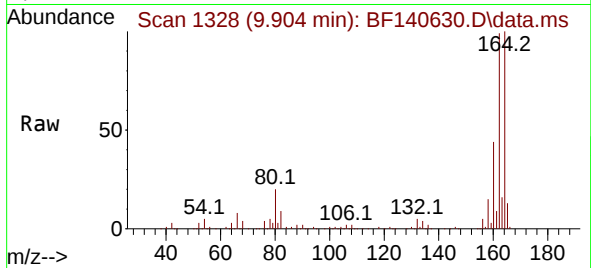




#51
2,6-Dinitrotoluene
Concen: 8.669 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

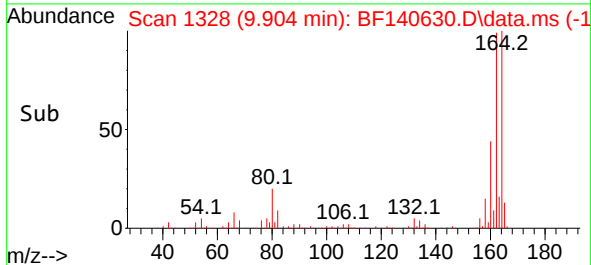
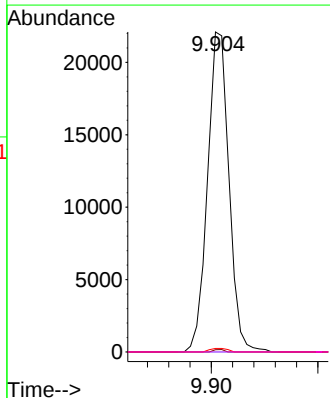
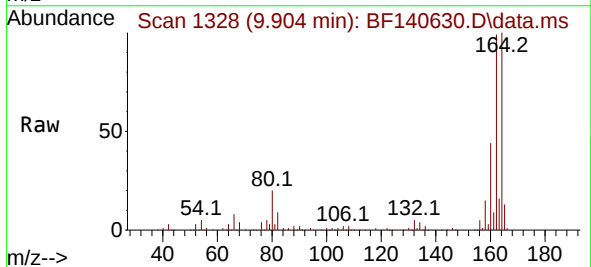
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BNA_F
ClientSampleId :
PB165203BL

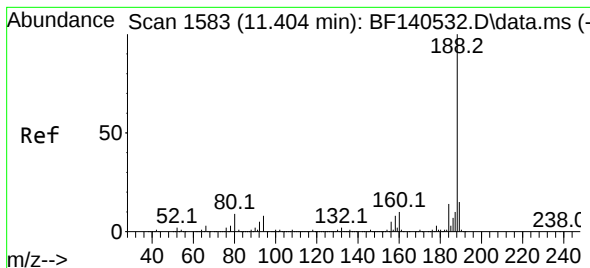
Tgt Ion:165 Resp: 30906
Ion Ratio Lower Upper
165 100
63 0.7 49.9 74.9#
89 1.1 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.523 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140630.D
Acq: 26 Nov 2024 10:01

Tgt Ion:165 Resp: 30906
Ion Ratio Lower Upper
165 100
63 0.7 41.7 62.5#
89 1.1 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: BF140630.D

Acq: 26 Nov 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB165203BL

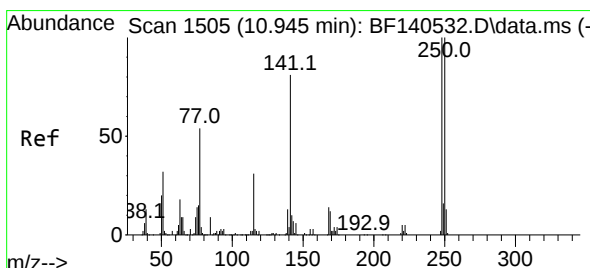
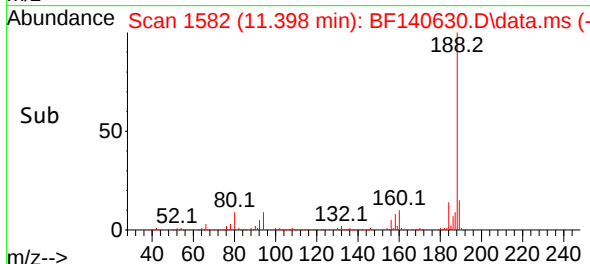
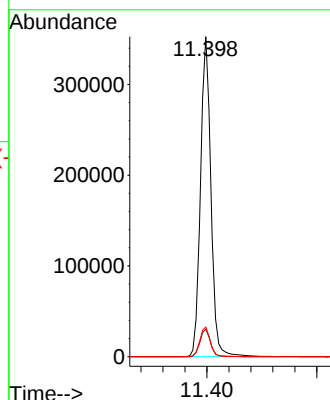
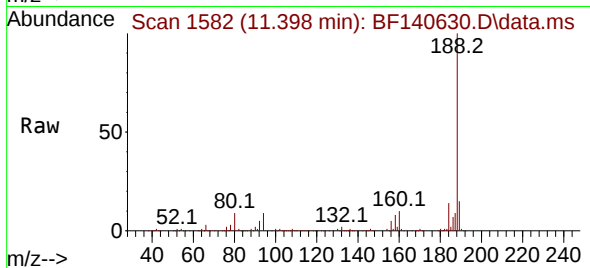
Tgt Ion:188 Resp: 464882

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.3 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.390 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140630.D

Acq: 26 Nov 2024 10:01

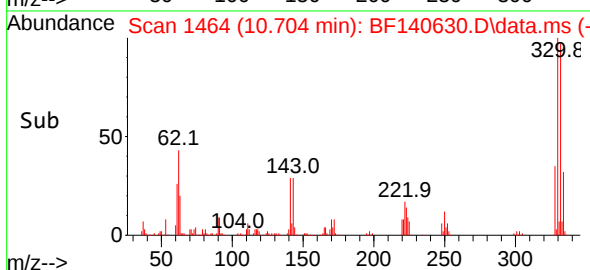
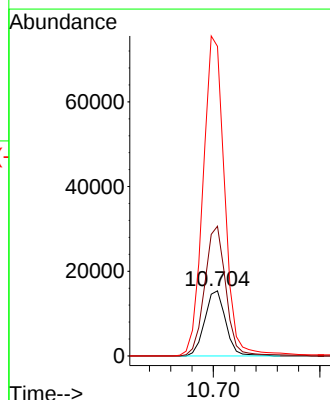
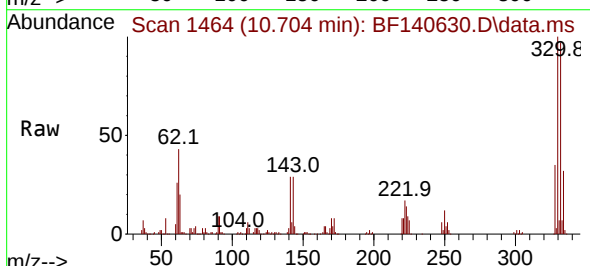
Tgt Ion:248 Resp: 21016

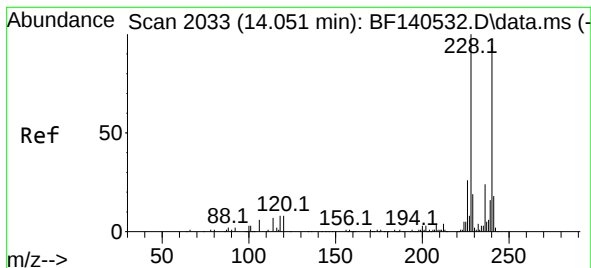
Ion Ratio Lower Upper

248 100

250 199.1 79.8 119.8#

141 475.1 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140630.D

Acq: 26 Nov 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB165203BL

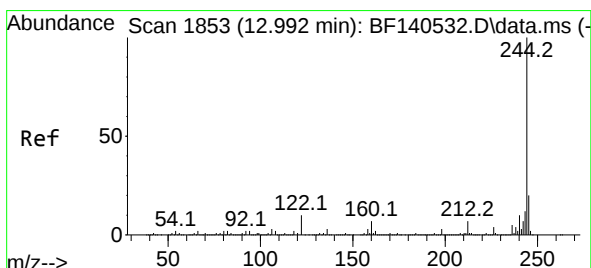
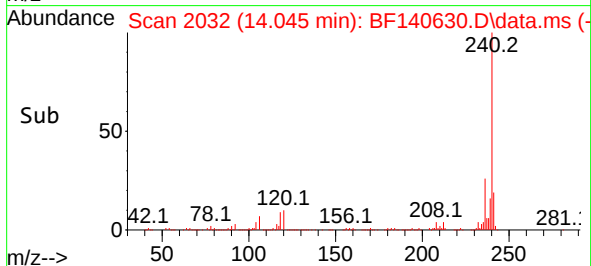
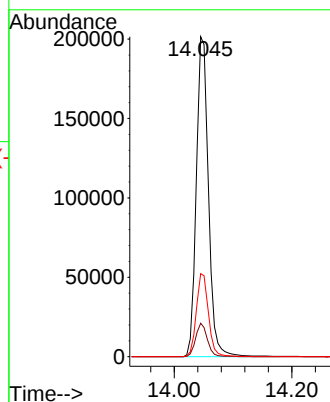
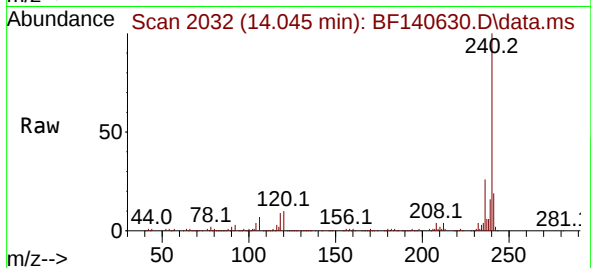
Tgt Ion:240 Resp: 288723

Ion Ratio Lower Upper

240 100

120 10.4 7.3 10.9

236 25.9 20.6 31.0



#79

Terphenyl-d14

Concen: 89.682 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140630.D

Acq: 26 Nov 2024 10:01

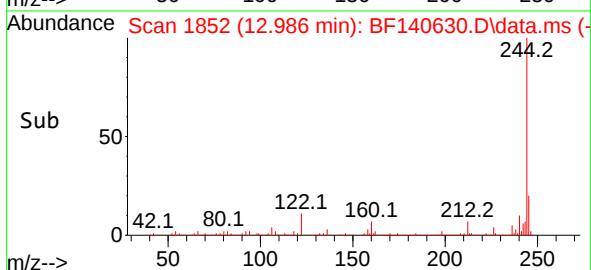
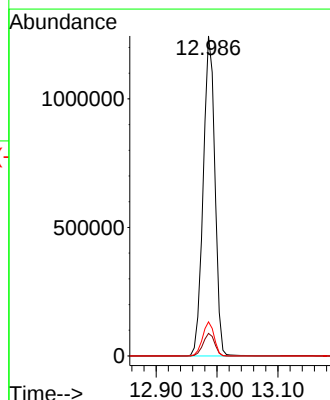
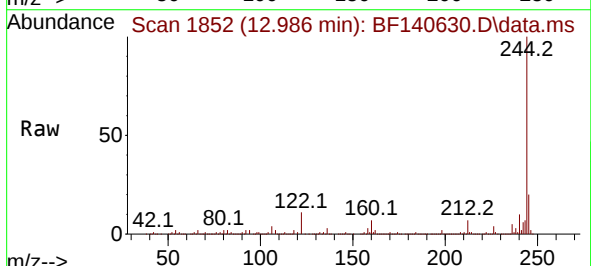
Tgt Ion:244 Resp: 1662889

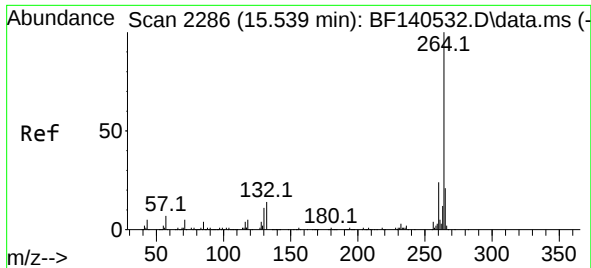
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.7 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140630.D
 Acq: 26 Nov 2024 10:01

Instrument :
 BNA_F
 ClientSampleId :
 PB165203BL

Tgt Ion:264 Resp: 217803
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 20.4 16.6 25.0

