

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140761.D
 Acq On : 06 Dec 2024 12:51
 Operator : RC/JU
 Sample : PB165423BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165423BL

Quant Time: Dec 06 12:14:36 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)

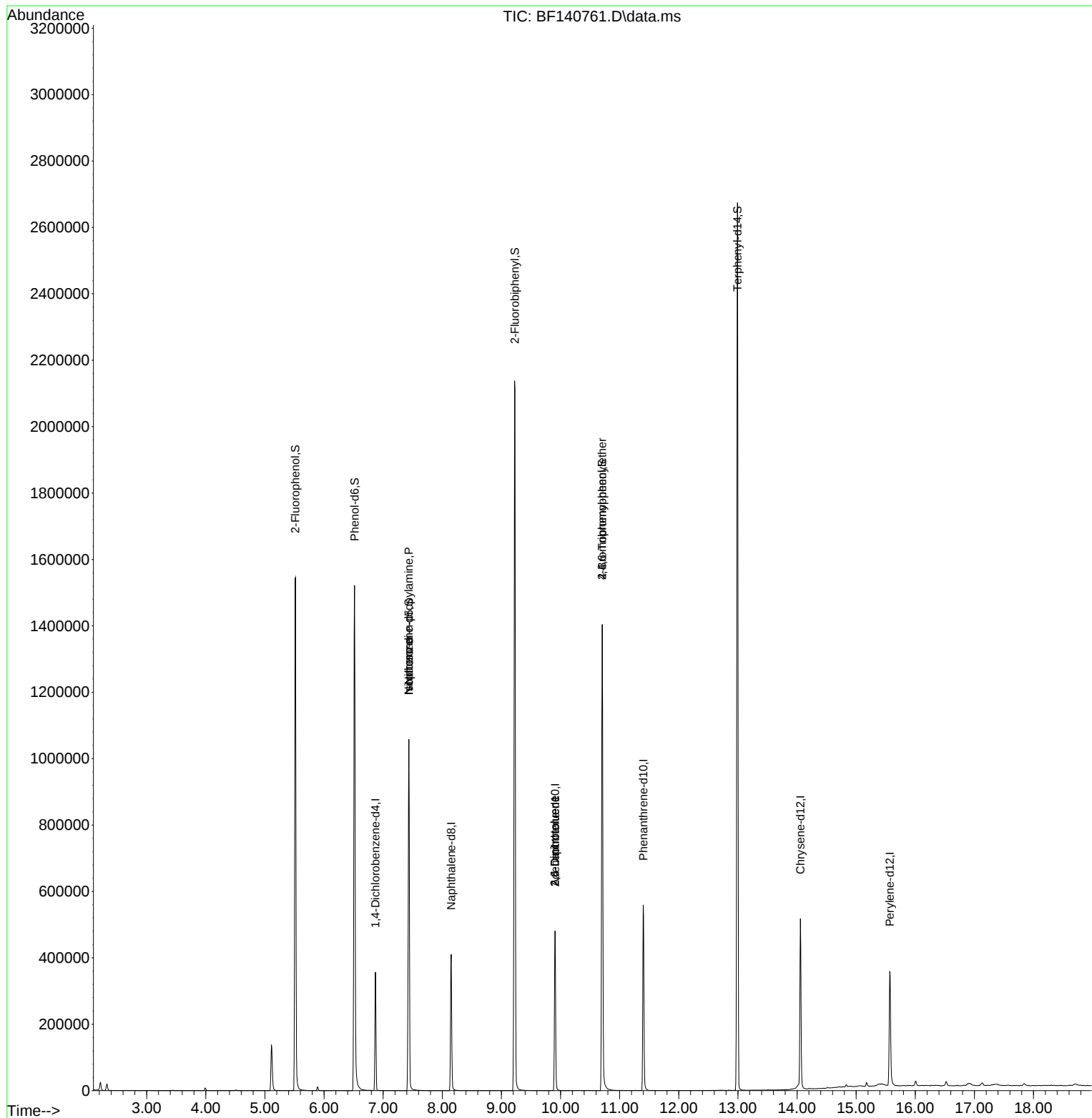
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	74703	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	285610	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	164143	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	333073	20.000	ng	0.00
76) Chrysene-d12	14.057	240	265116	20.000	ng	0.00
86) Perylene-d12	15.568	264	224020	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	623215	142.342	ng	0.02
7) Phenol-d6	6.516	99	800761	138.343	ng	0.00
23) Nitrobenzene-d5	7.434	82	517801	92.734	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	267010	152.097	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1072045	97.311	ng	0.00
79) Terphenyl-d14	12.992	244	1403509	82.434	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	70580	20.632	ng	# 75
25) Isophorone	7.434	82	509209	54.676	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	21445	8.747	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	21445	6.581	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	16526	4.818	ng	# 1

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

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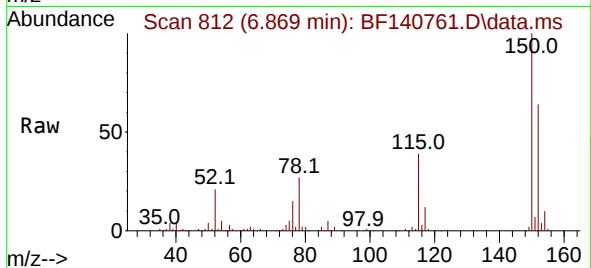
Quant Time: Dec 06 12:14:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



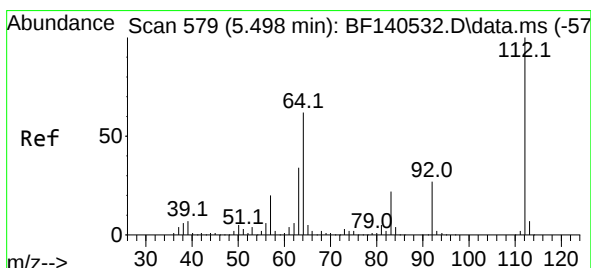
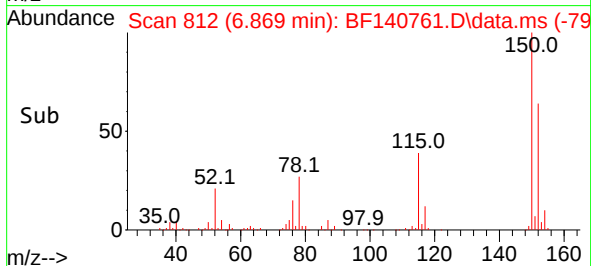
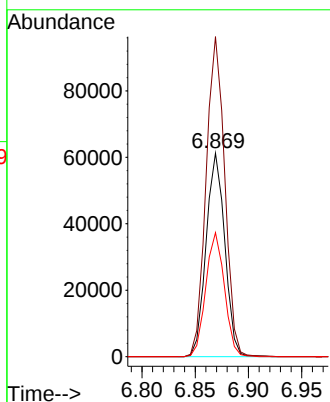


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

Instrument :
BNA_F
ClientSampleId :
PB165423BL

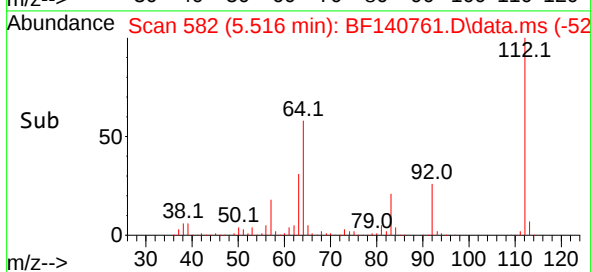
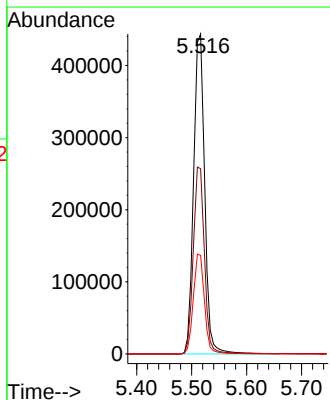
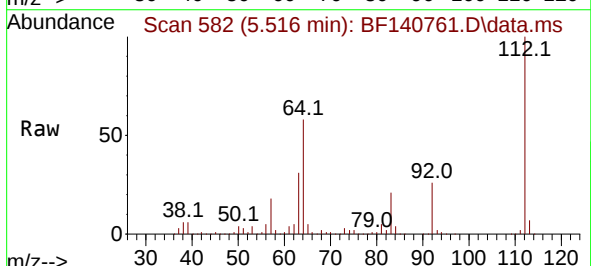


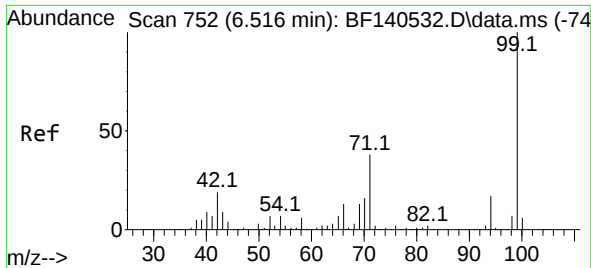
Tgt Ion:152 Resp: 74703
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 142.342 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

Tgt Ion:112 Resp: 623215
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.8 27.0 40.4

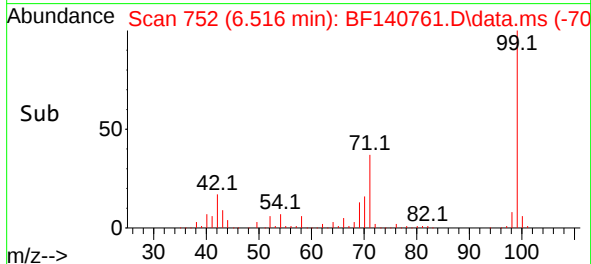
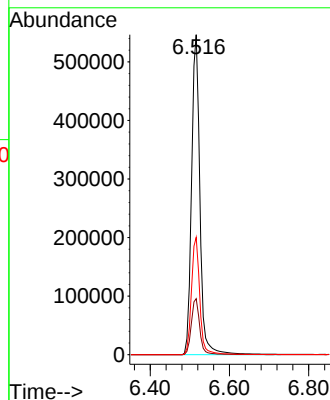
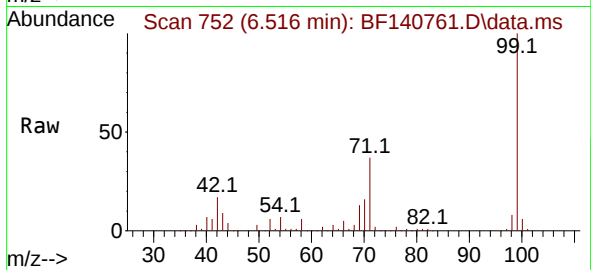




#7
Phenol-d6
Concen: 138.343 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

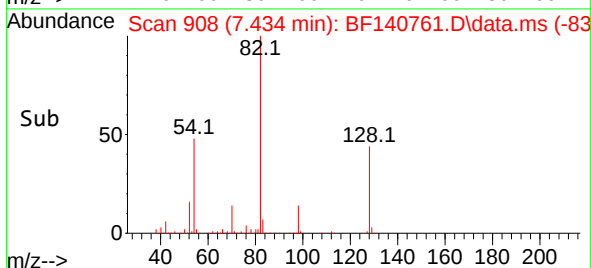
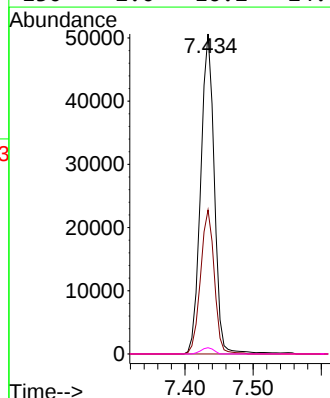
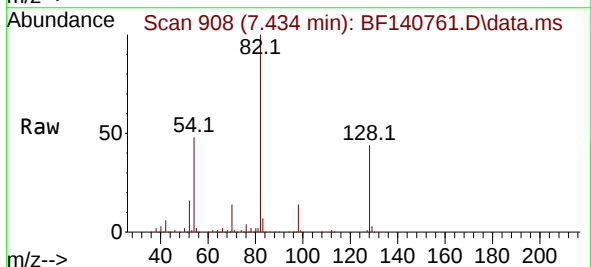
Instrument :
BNA_F
ClientSampleId :
PB165423BL

Tgt Ion: 99 Resp: 800761
Ion Ratio Lower Upper
99 100
42 17.5 15.4 23.0
71 36.7 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.632 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

Tgt Ion: 70 Resp: 70580
Ion Ratio Lower Upper
70 100
42 45.0 47.6 71.4#
101 0.0 7.6 11.4#
130 2.0 16.2 24.4#

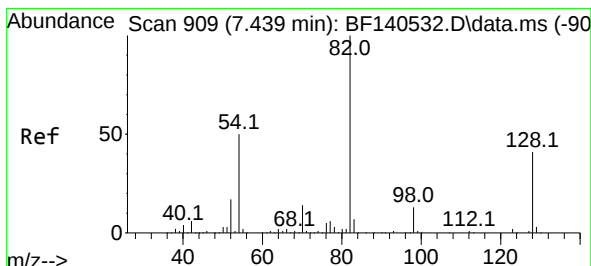
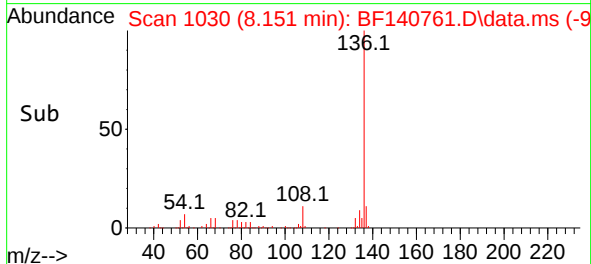
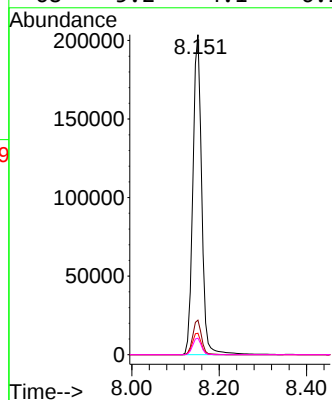
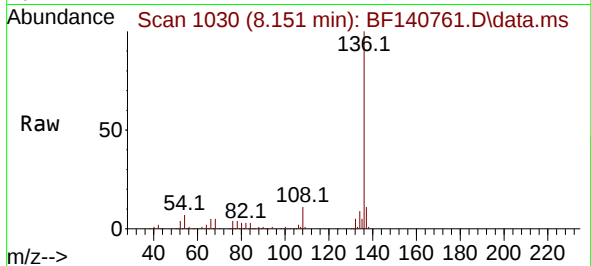




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

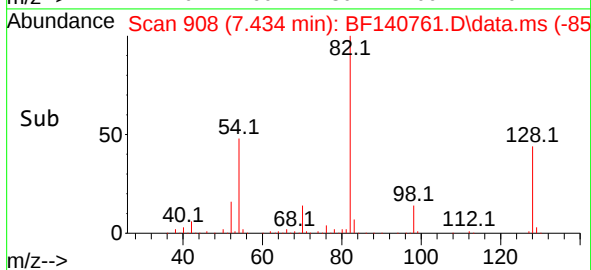
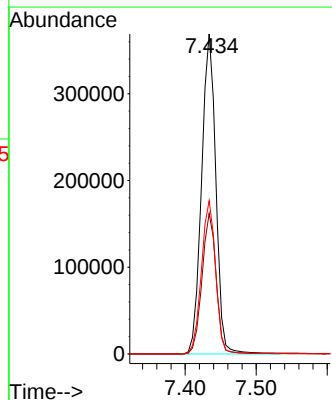
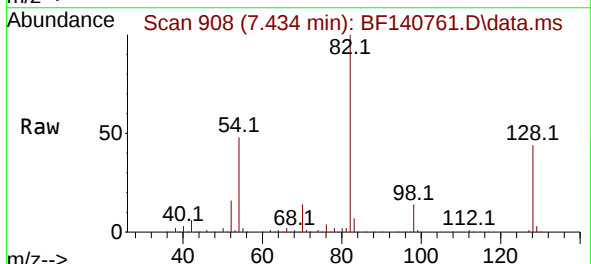
Instrument :
BNA_F
ClientSampleId :
PB165423BL

Tgt Ion:136 Resp: 285610
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.7 5.8 8.8
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.734 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

Tgt Ion: 82 Resp: 517801
Ion Ratio Lower Upper
82 100
128 43.9 33.0 49.4
54 47.9 39.5 59.3

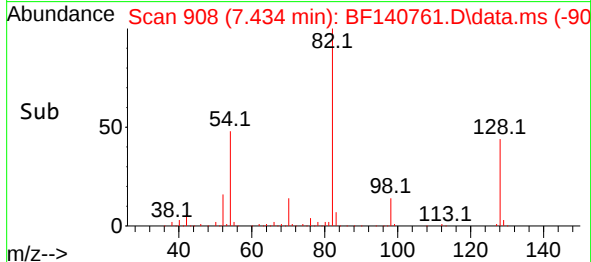
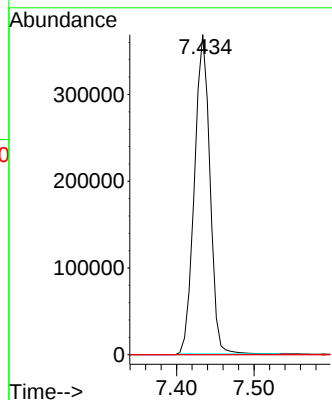
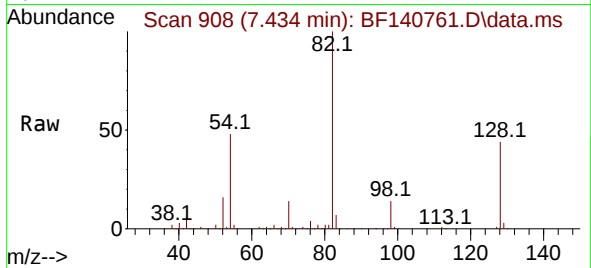




#25
Isophorone
Concen: 54.676 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

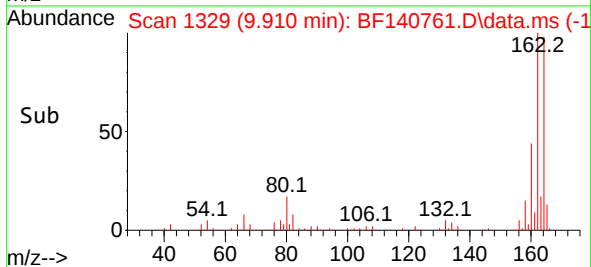
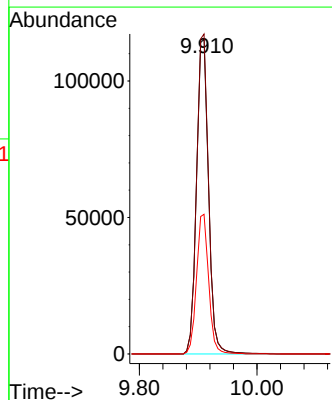
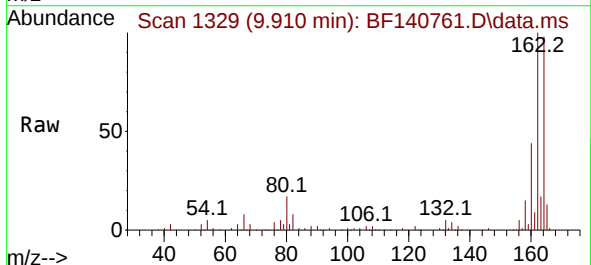
Instrument :
BNA_F
ClientSampleId :
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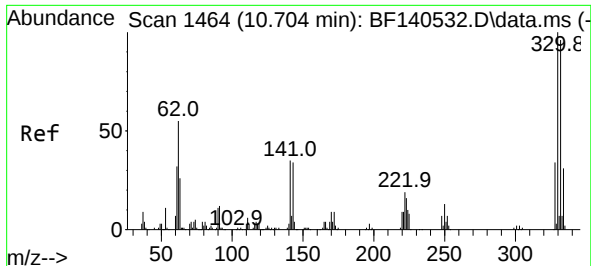
Tgt Ion: 82 Resp: 509209
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

Tgt Ion:164 Resp: 164143
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 152.097 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140761.D

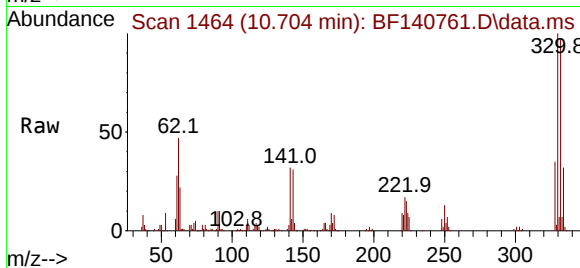
Acq: 06 Dec 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB165423BL



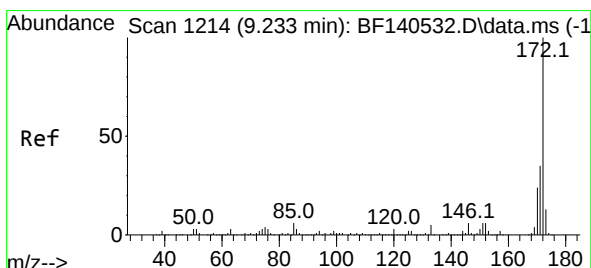
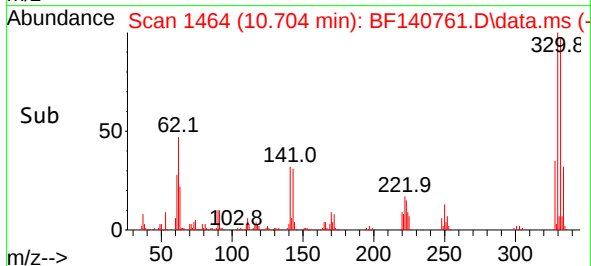
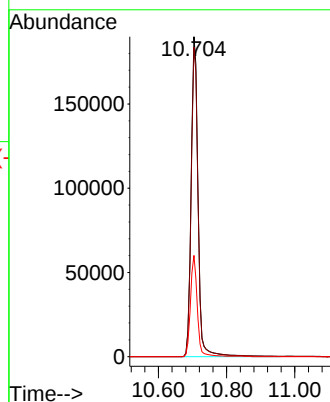
Tgt Ion:330 Resp: 267010

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 31.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 97.311 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140761.D

Acq: 06 Dec 2024 12:51

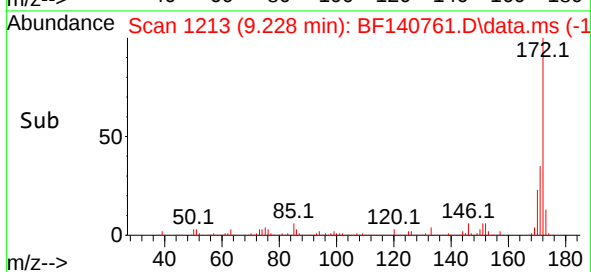
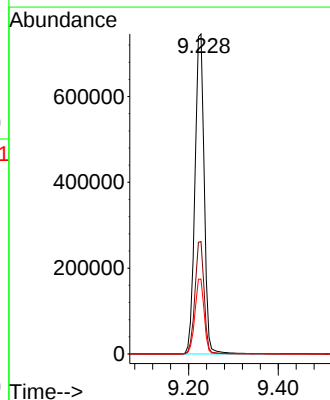
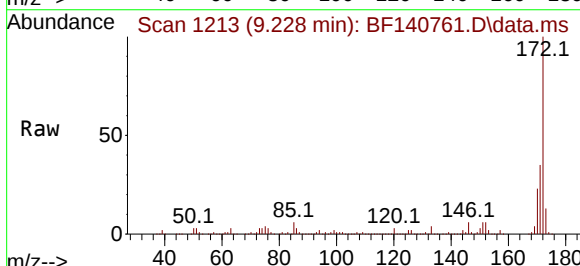
Tgt Ion:172 Resp: 1072045

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 19.0 28.6

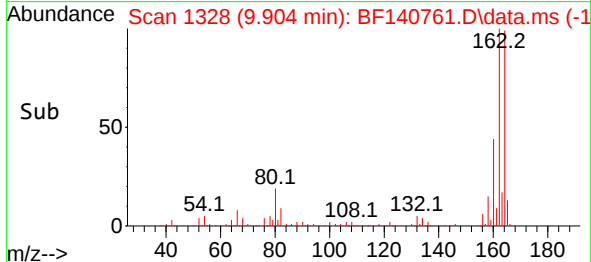
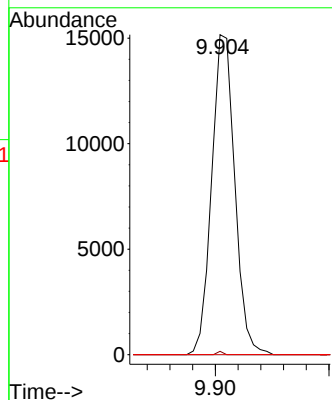
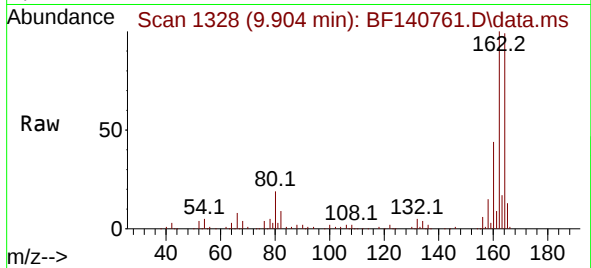




#51
2,6-Dinitrotoluene
Concen: 8.747 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

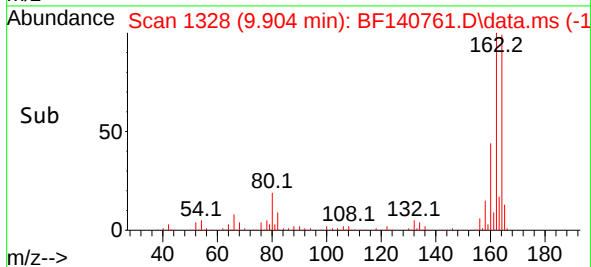
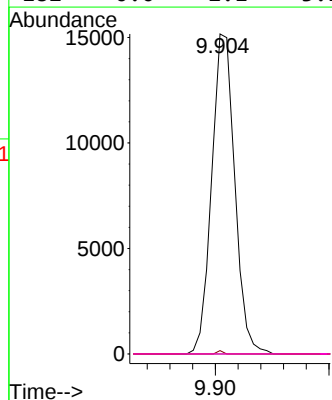
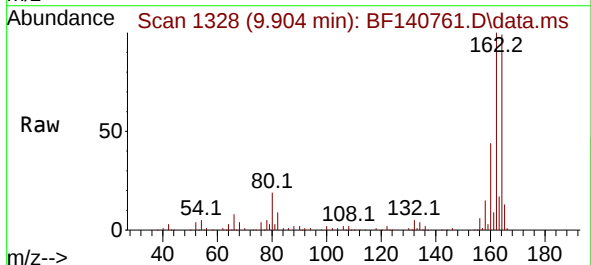
Instrument :
BNA_F
ClientSampleId :
PB165423BL

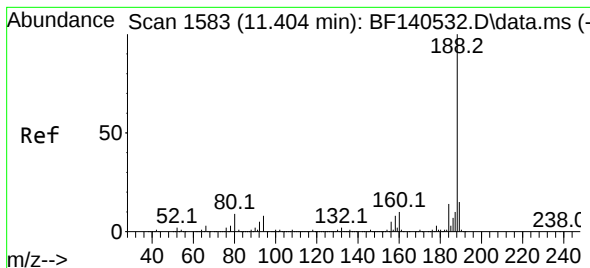
Tgt Ion:165 Resp: 21445
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140761.D
Acq: 06 Dec 2024 12:51

Tgt Ion:165 Resp: 21445
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 0.0 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: BF140761.D

Acq: 06 Dec 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB165423BL

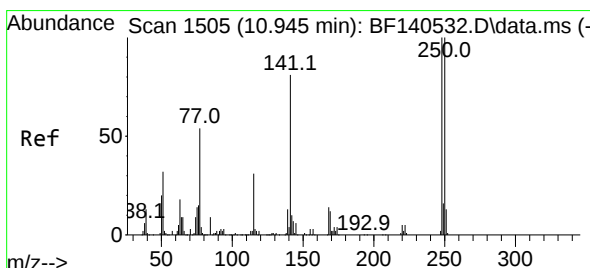
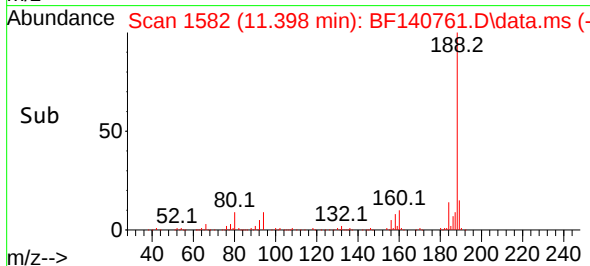
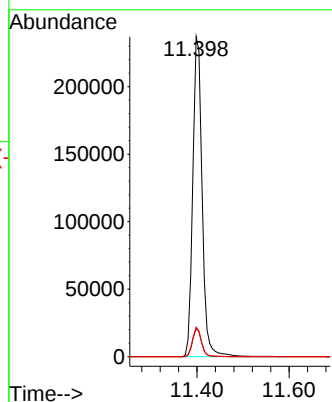
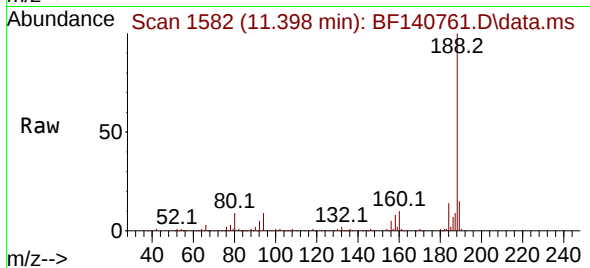
Tgt Ion:188 Resp: 333073

Ion Ratio Lower Upper

188 100

94 8.8 6.4 9.6

80 9.2 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.818 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140761.D

Acq: 06 Dec 2024 12:51

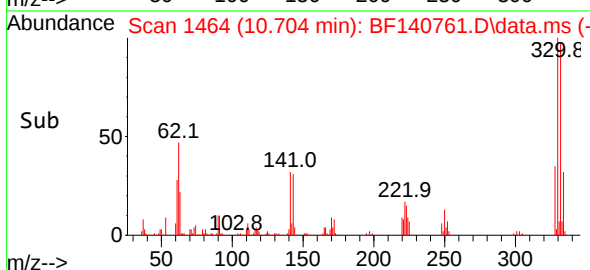
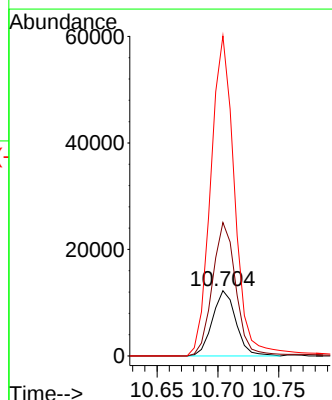
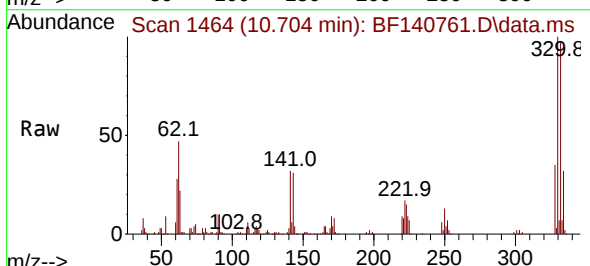
Tgt Ion:248 Resp: 16526

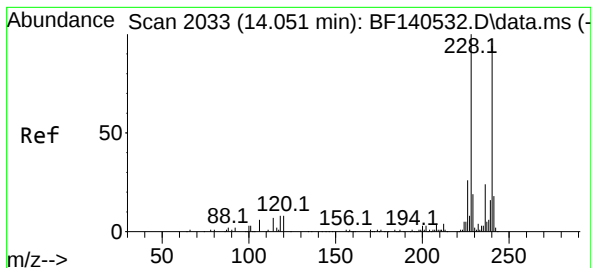
Ion Ratio Lower Upper

248 100

250 204.5 79.8 119.8#

141 490.3 64.7 97.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140761.D

Acq: 06 Dec 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB165423BL

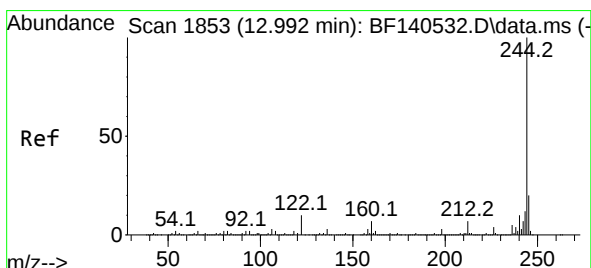
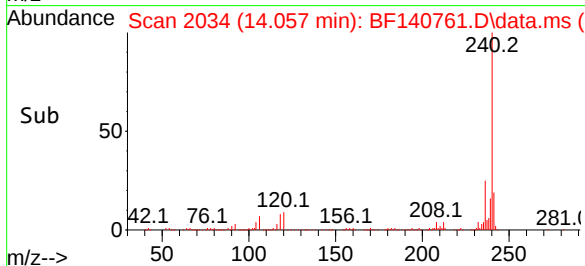
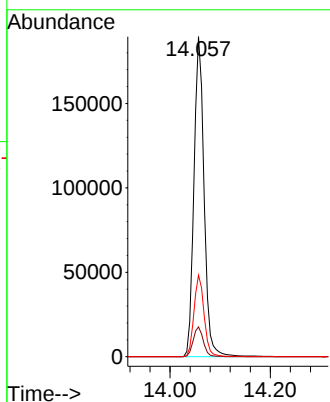
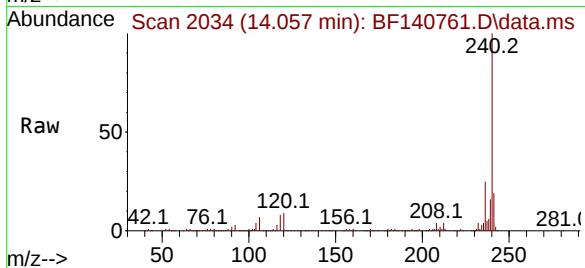
Tgt Ion:240 Resp: 265116

Ion Ratio Lower Upper

240 100

120 9.3 7.3 10.9

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 82.434 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BF140761.D

Acq: 06 Dec 2024 12:51

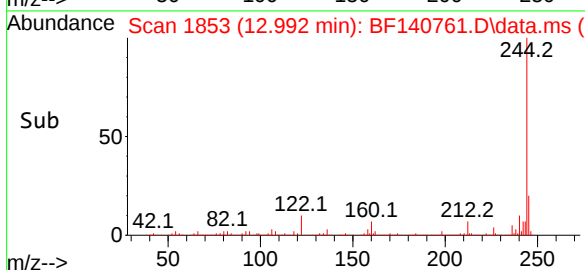
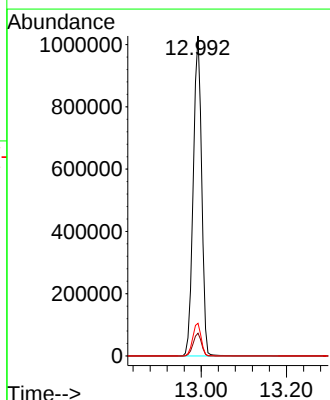
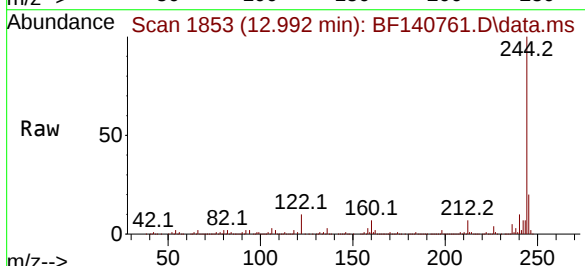
Tgt Ion:244 Resp: 1403509

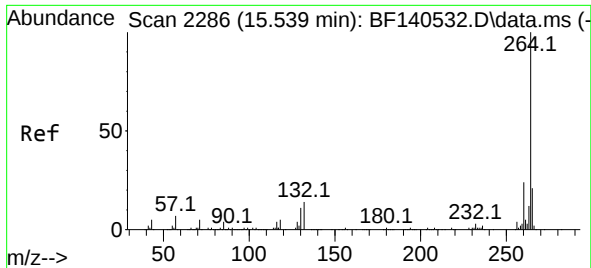
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

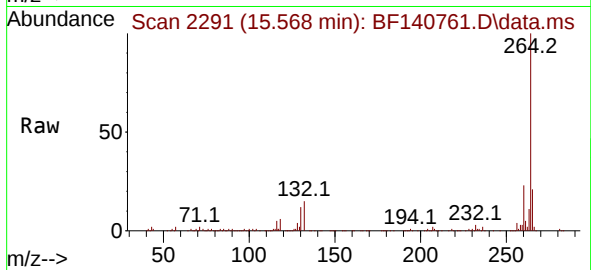
122 10.2 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: BF140761.D
 Acq: 06 Dec 2024 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB165423BL



Tgt Ion:264 Resp: 224020
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 21.2 16.6 25.0

