

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140609.D
 Acq On : 25 Nov 2024 18:07
 Operator : RC/JU
 Sample : P4860-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Nov 26 00:08:29 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)

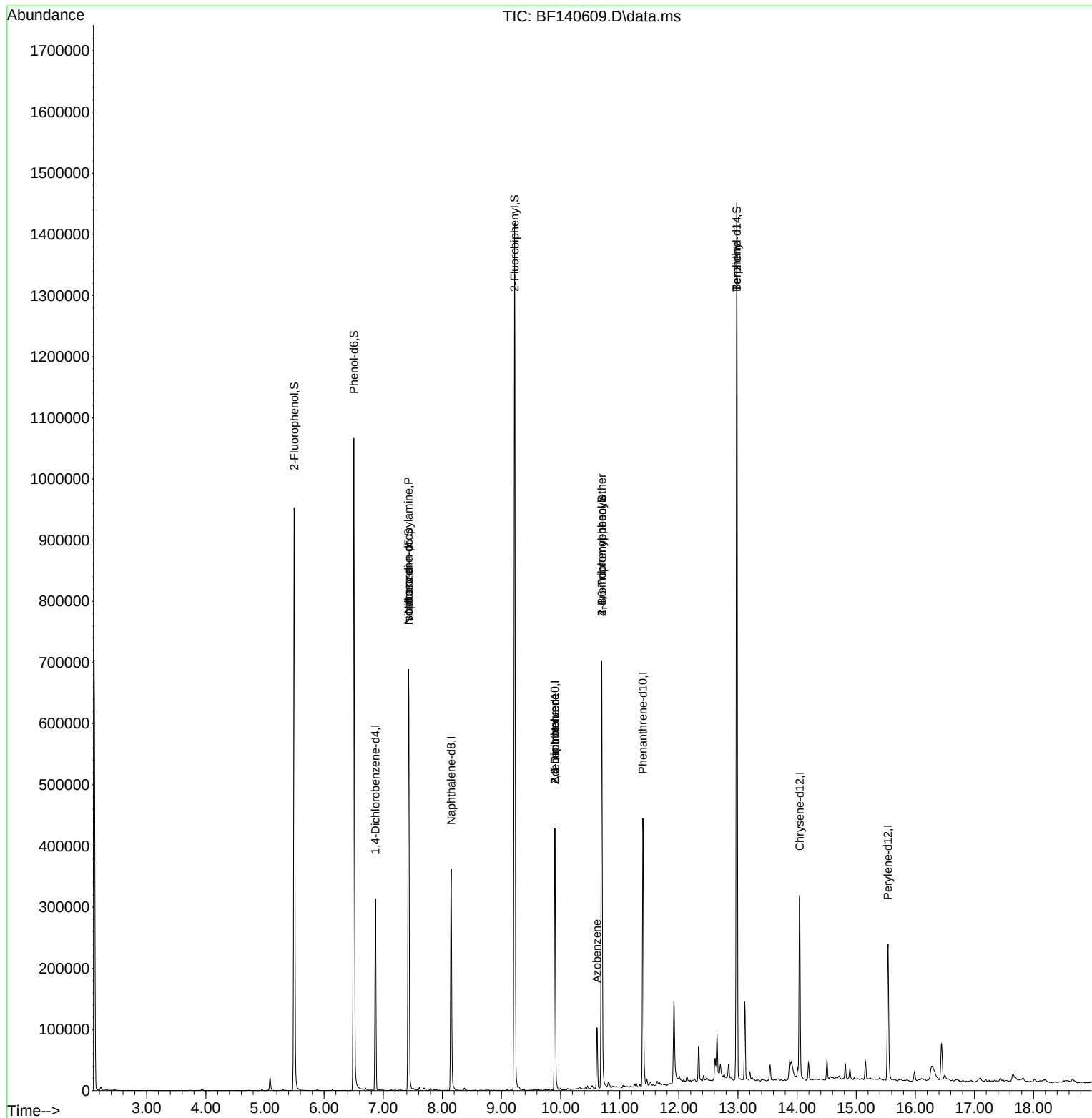
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	64351	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	240053	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	128312	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	245251	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	151880	20.000	ng	0.00
86) Perylene-d12	15.539	264	134969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	371969	98.624	ng	0.00
7) Phenol-d6	6.504	99	486900	97.651	ng	-0.01
23) Nitrobenzene-d5	7.428	82	318496	67.865	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	126860	92.443	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	632848	73.486	ng	-0.01
79) Terphenyl-d14	12.980	244	692564	71.004	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	42677	14.483	ng	# 75
25) Isophorone	7.428	82	312492	39.921	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	16338	8.525	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	16338	6.414	ng	# 18
63) Azobenzene	10.616	77	27616	3.396	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	8305	3.288	ng	# 1
77) Benzidine	12.980	184	9607	2.176	ng	# 93

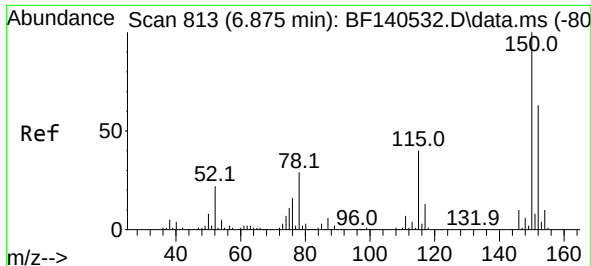
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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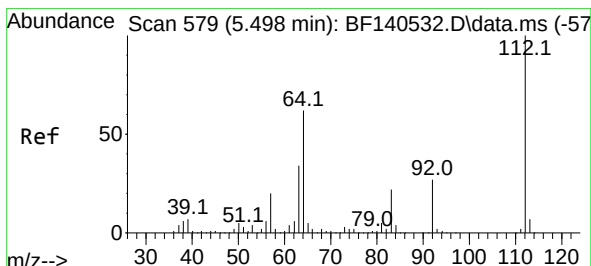
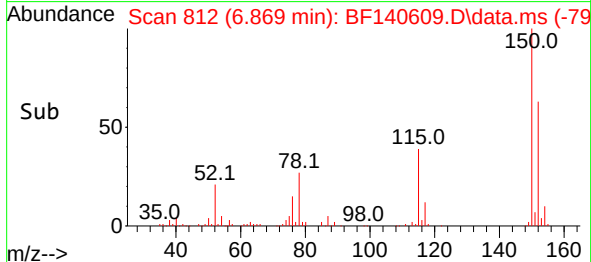
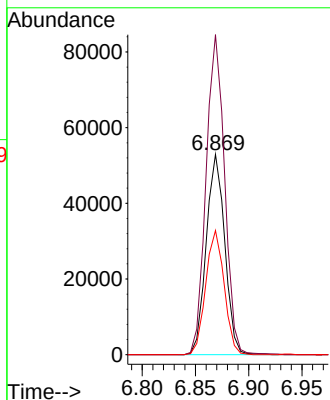
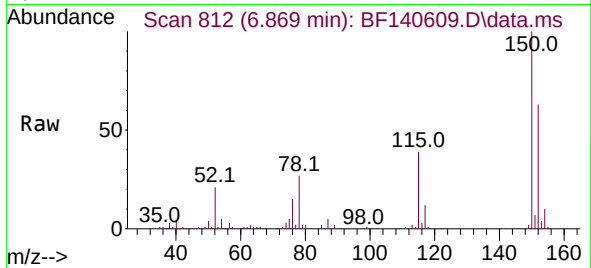




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

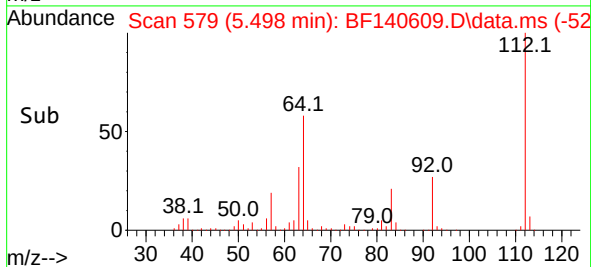
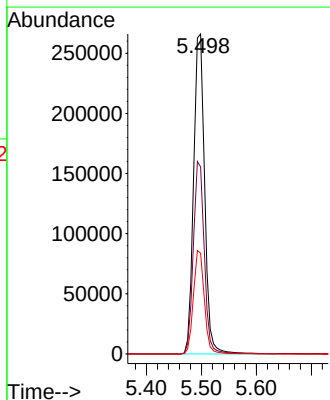
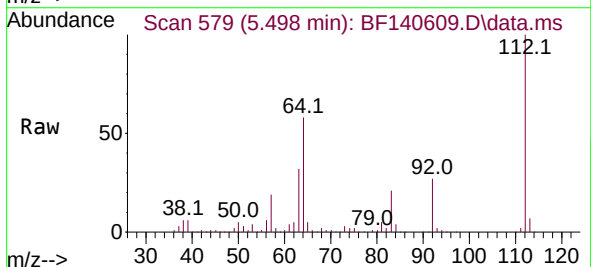
Instrument :
BNA_F
ClientSampleId :
DUP-01

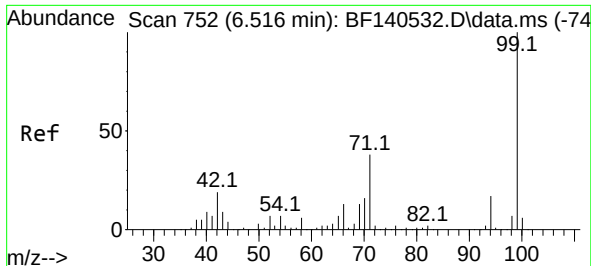
Tgt Ion:152 Resp: 64351
Ion Ratio Lower Upper
152 100
150 159.8 128.5 192.7
115 62.0 50.2 75.4



#5
2-Fluorophenol
Concen: 98.624 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Tgt Ion:112 Resp: 371969
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 31.5 27.0 40.4

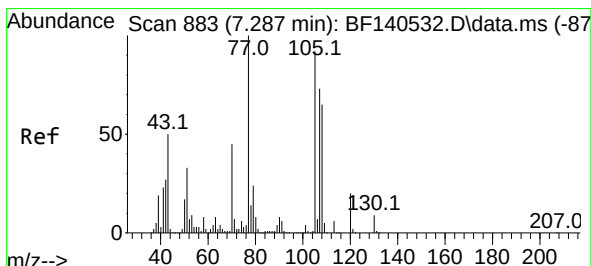
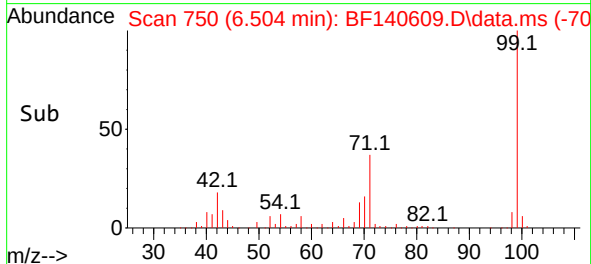
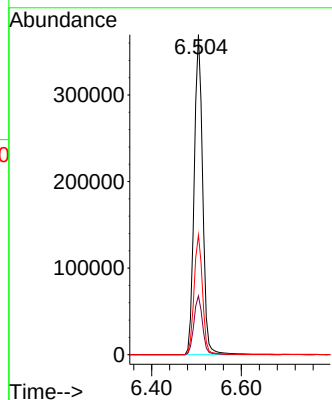
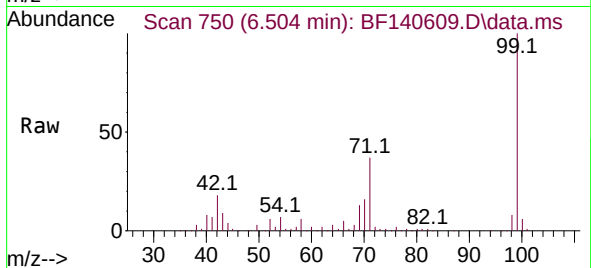




#7
Phenol-d6
Concen: 97.651 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

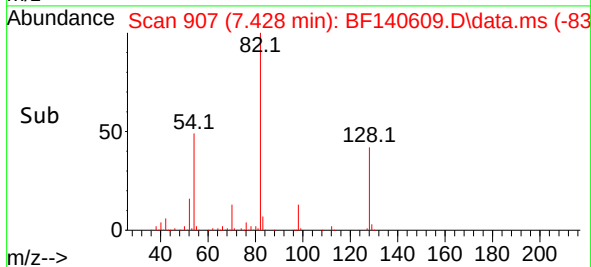
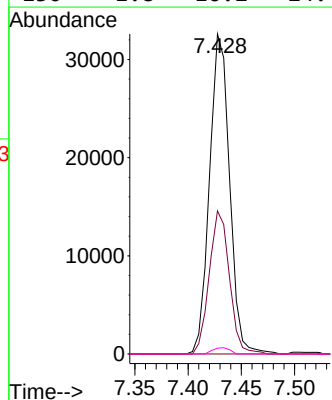
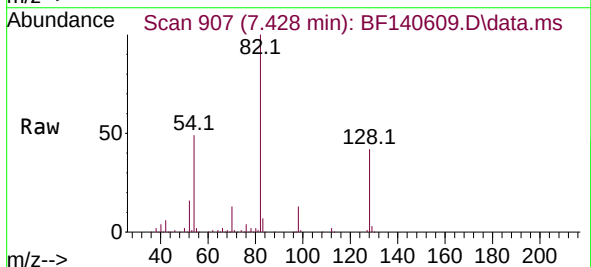
Instrument :
BNA_F
ClientSampleId :
DUP-01

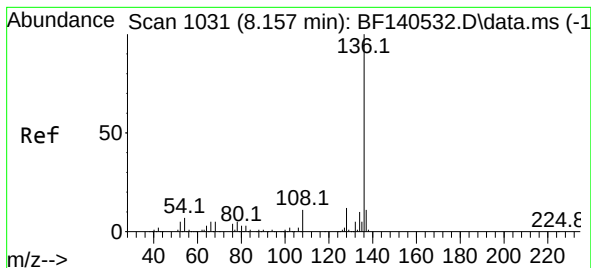
Tgt Ion: 99 Resp: 486900
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.483 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Tgt Ion: 70 Resp: 42677
Ion Ratio Lower Upper
70 100
42 44.7 47.6 71.4#
101 0.0 7.6 11.4#
130 1.8 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140609.D

Acq: 25 Nov 2024 18:07

Instrument :

BNA_F

ClientSampleId :

DUP-01

Tgt Ion:136 Resp: 240053

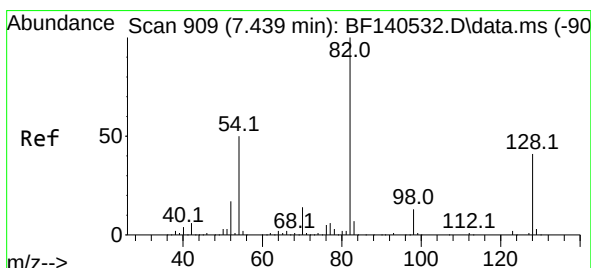
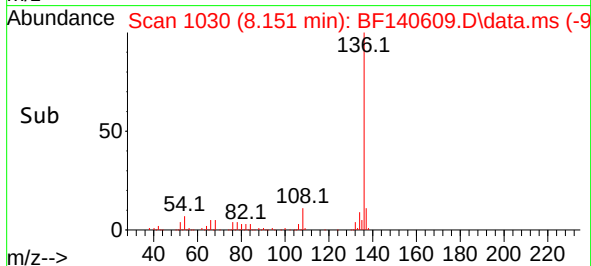
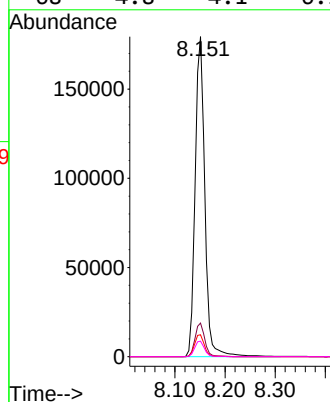
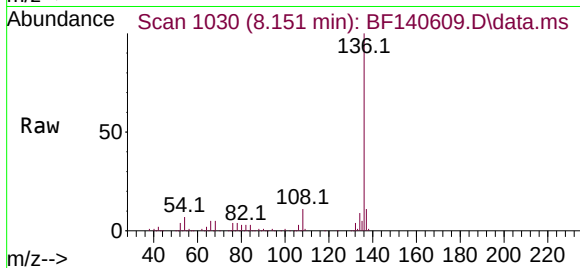
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.8 5.8 8.8

68 4.8 4.1 6.1



#23

Nitrobenzene-d5

Concen: 67.865 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140609.D

Acq: 25 Nov 2024 18:07

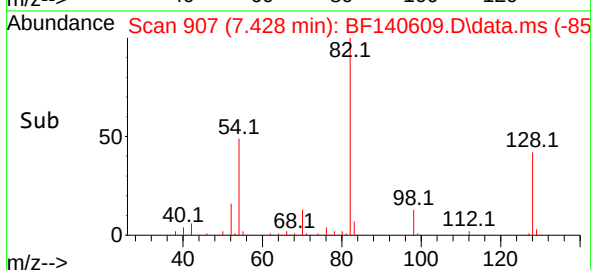
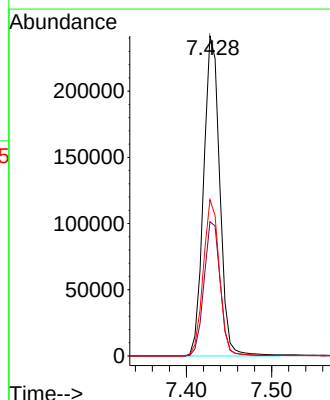
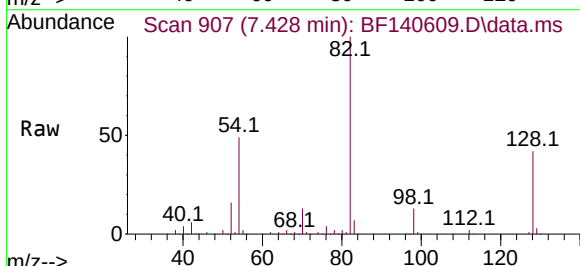
Tgt Ion: 82 Resp: 318496

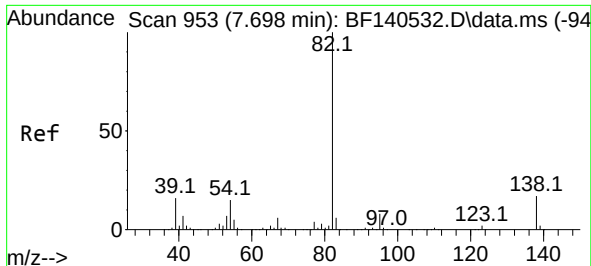
Ion Ratio Lower Upper

82 100

128 41.9 33.0 49.4

54 48.9 39.5 59.3

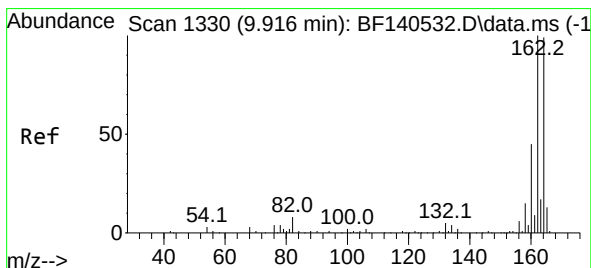
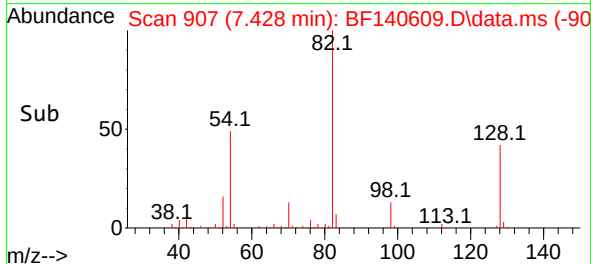
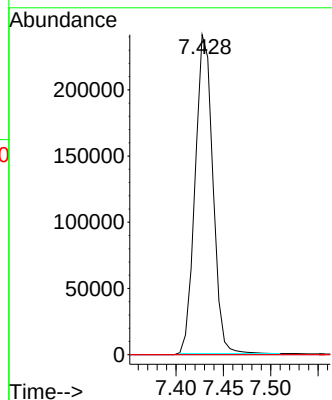
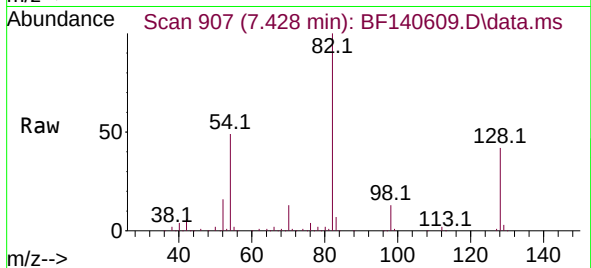




#25
Isophorone
Concen: 39.921 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

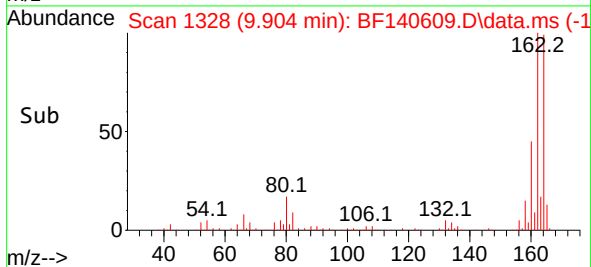
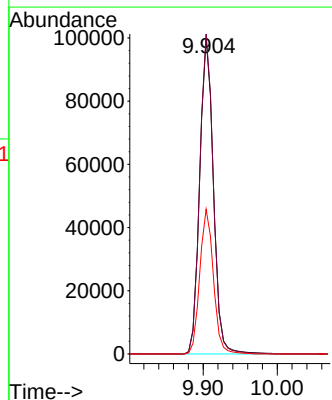
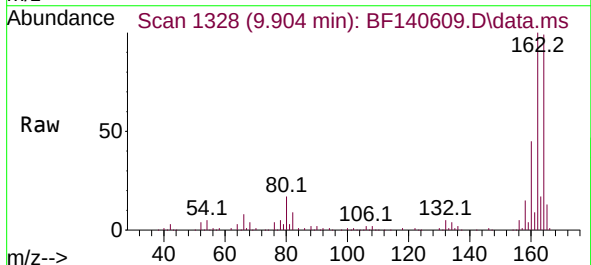
Instrument :
BNA_F
ClientSampleId :
DUP-01

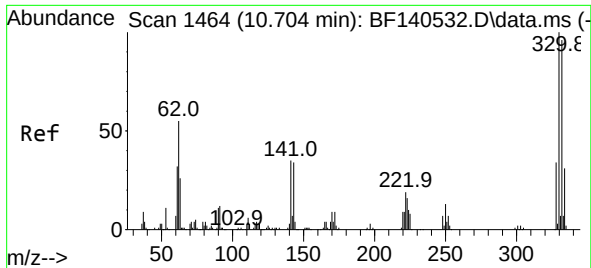
Tgt Ion: 82 Resp: 312492
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Tgt Ion:164 Resp: 128312
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 45.7 36.2 54.4

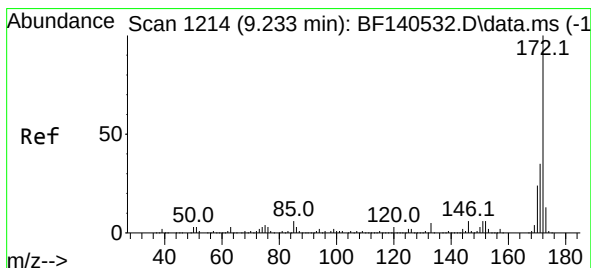
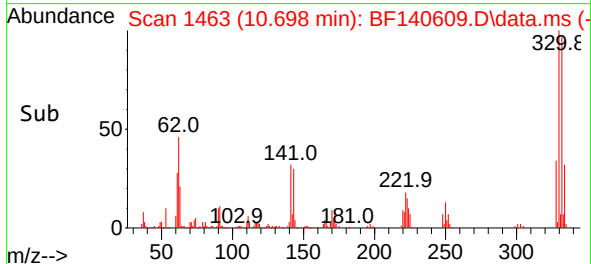
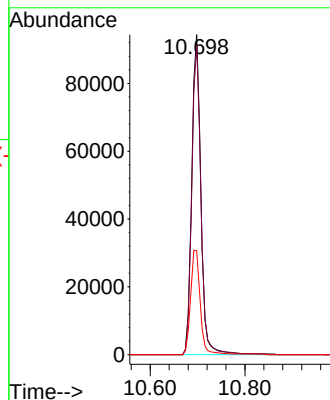
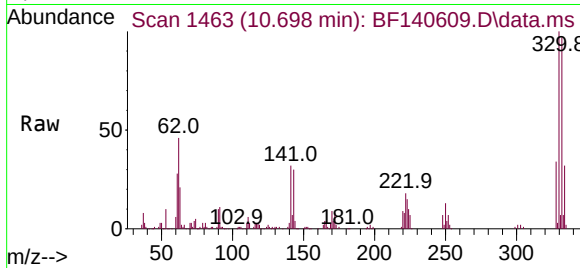




#42
2,4,6-Tribromophenol
Concen: 92.443 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

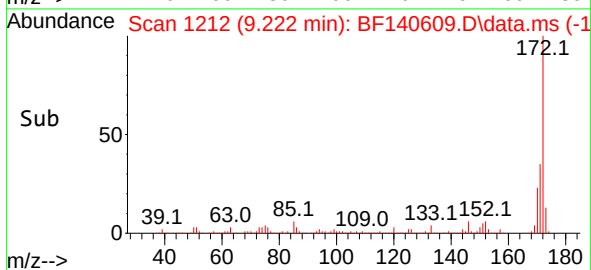
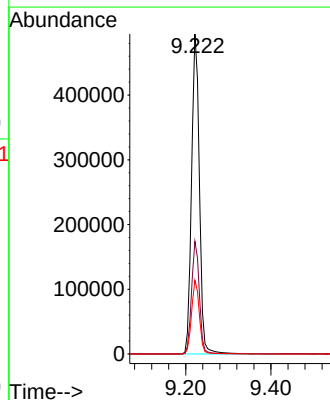
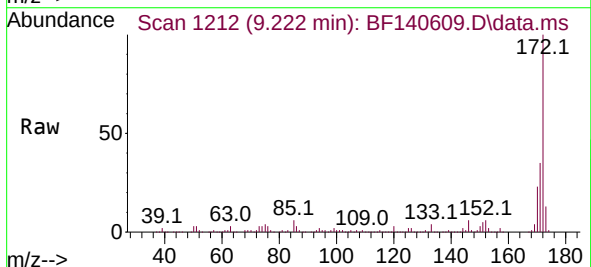
Instrument :
BNA_F
ClientSampleId :
DUP-01

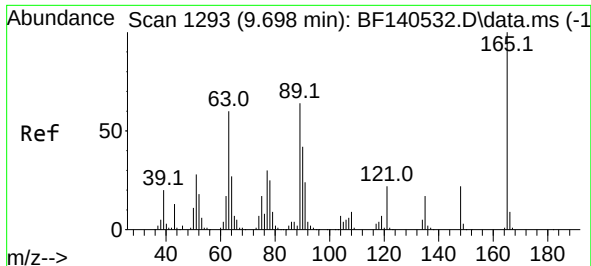
Tgt Ion: 330 Resp: 126860
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 34.6 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 73.486 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Tgt Ion: 172 Resp: 632848
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.0 19.0 28.6

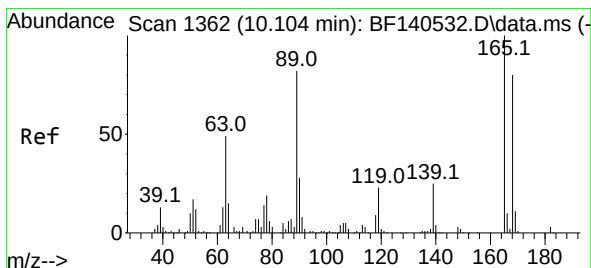
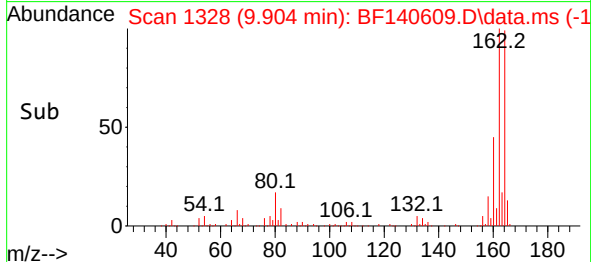
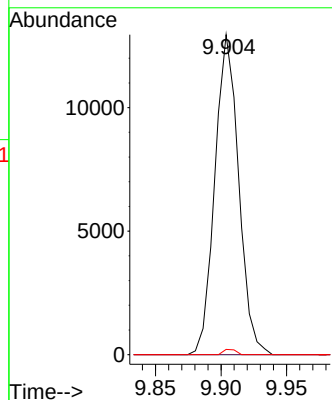
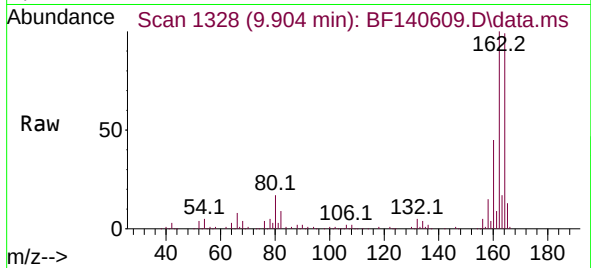




#51
2,6-Dinitrotoluene
Concen: 8.525 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

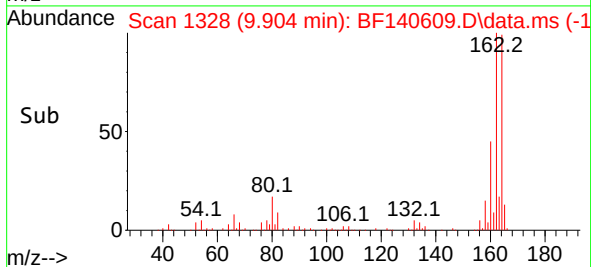
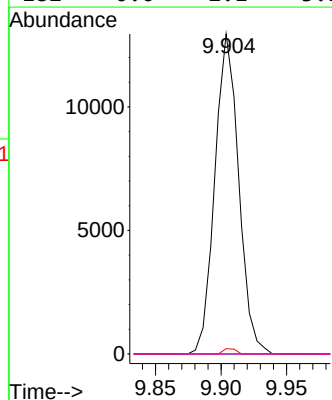
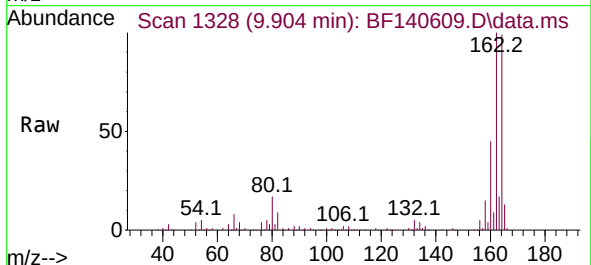
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ClientSampleId :
DUP-01

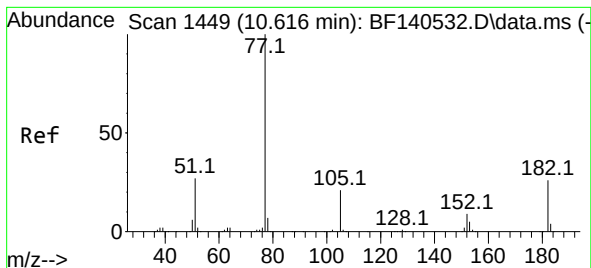
Tgt Ion:165 Resp: 16338
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.7 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.414 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Tgt Ion:165 Resp: 16338
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.7 65.8 98.8#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.396 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140609.D

Acq: 25 Nov 2024 18:07

Instrument :

BNA_F

ClientSampleId :

DUP-01

Tgt Ion: 77 Resp: 27616

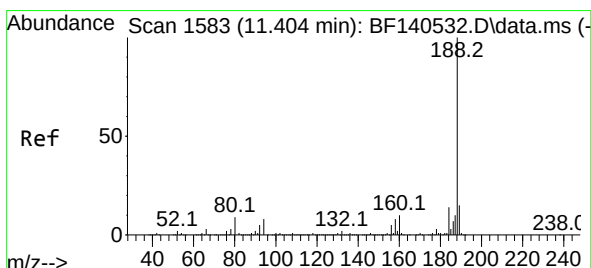
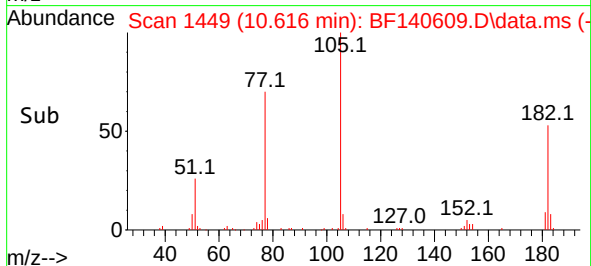
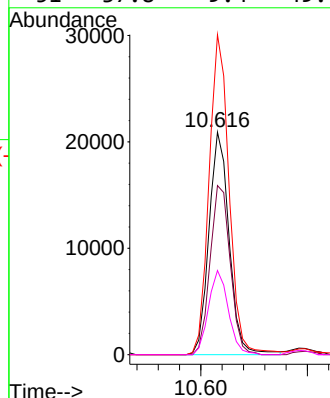
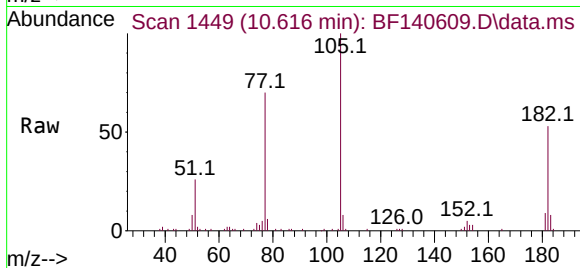
Ion Ratio Lower Upper

77 100

182 76.0 5.3 45.3#

105 143.8 0.3 40.3#

51 37.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140609.D

Acq: 25 Nov 2024 18:07

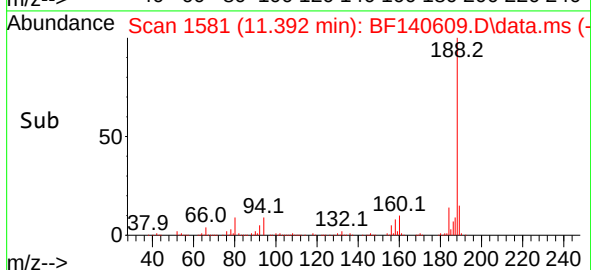
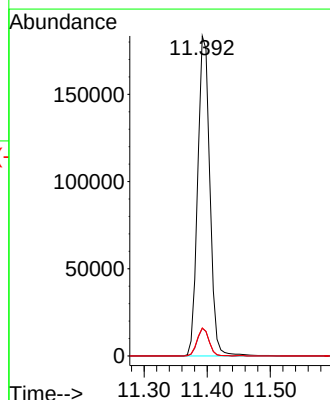
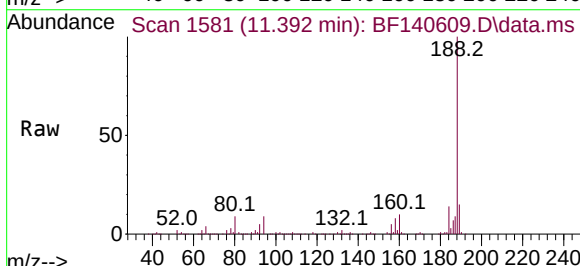
Tgt Ion:188 Resp: 245251

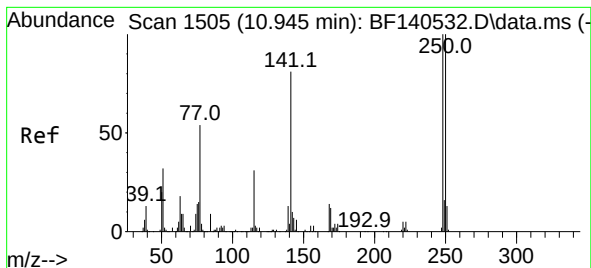
Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 8.8 6.9 10.3

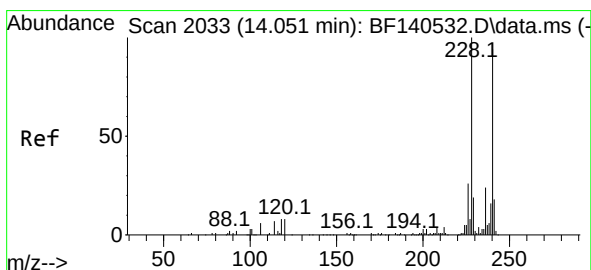
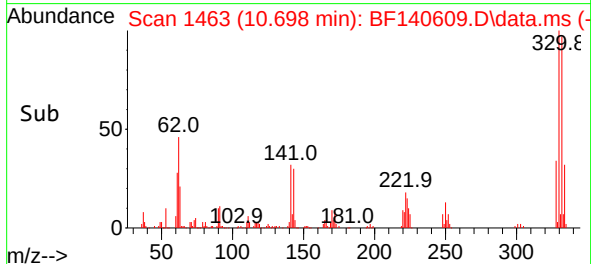
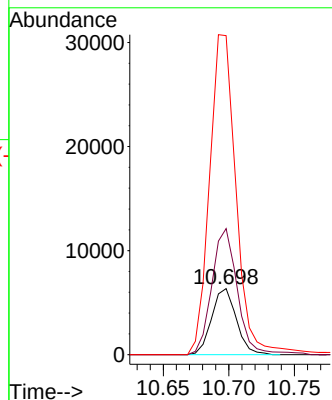
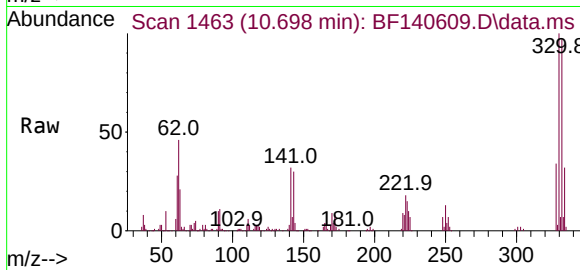




#67
4-Bromophenyl-phenylether
Concen: 3.288 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

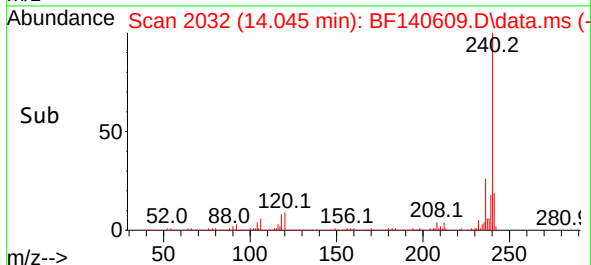
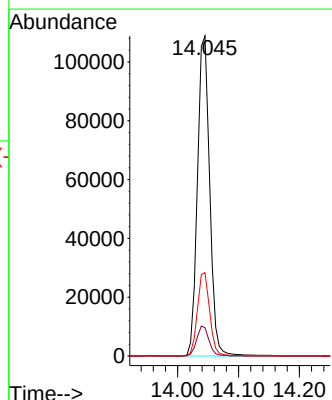
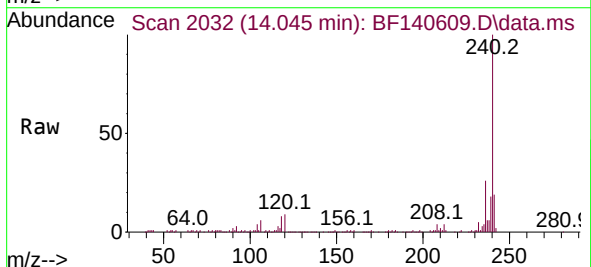
Instrument :
BNA_F
ClientSampleId :
DUP-01

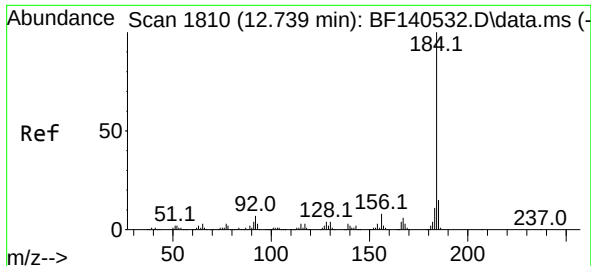
Tgt Ion:248 Resp: 8305
Ion Ratio Lower Upper
248 100
250 190.7 79.8 119.8#
141 482.4 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Tgt Ion:240 Resp: 151880
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.1 20.6 31.0

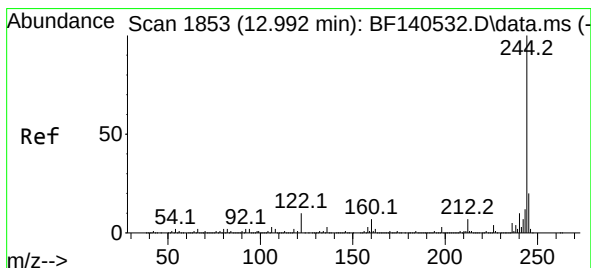
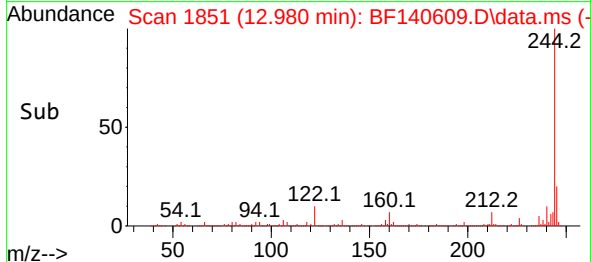
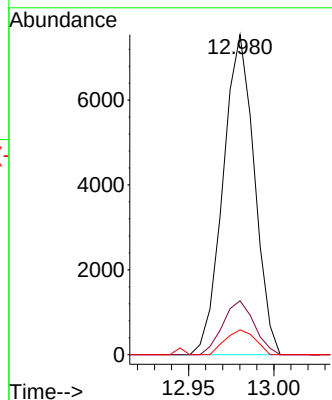
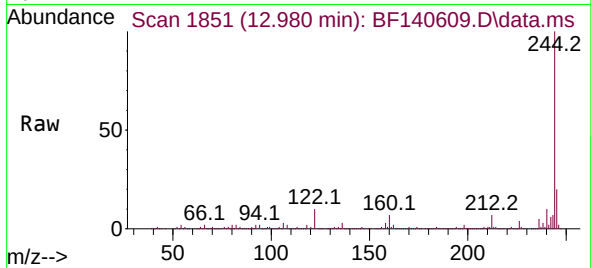




#77
Benzidine
Concen: 2.176 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

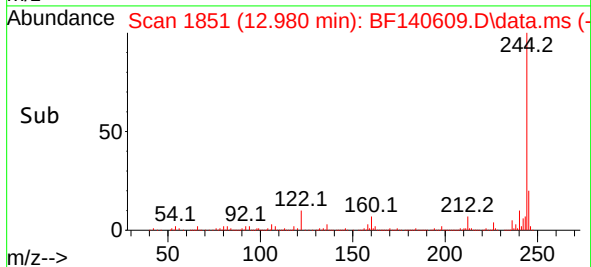
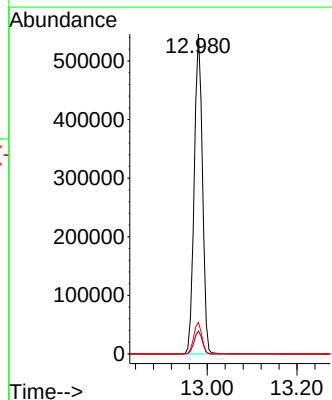
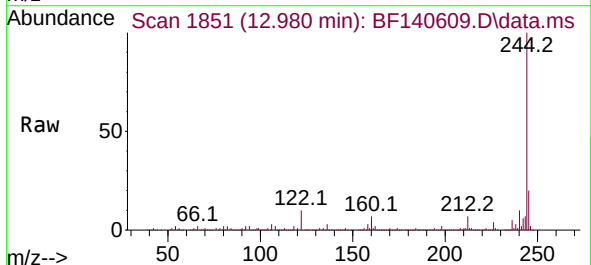
Instrument :
BNA_F
ClientSampleId :
DUP-01

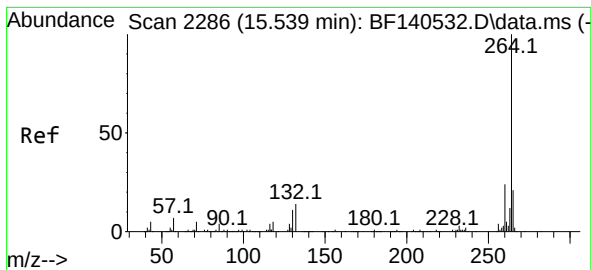
Tgt Ion:184 Resp: 9607
Ion Ratio Lower Upper
184 100
185 16.9 11.7 17.5
183 7.7 8.8 13.2#



#79
Terphenyl-d14
Concen: 71.004 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Tgt Ion:244 Resp: 692564
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.8 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140609.D
Acq: 25 Nov 2024 18:07

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tgt Ion:264 Resp: 134969

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	20.2	16.6	25.0

