

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140324.D
 Acq On : 11 Nov 2024 18:25
 Operator : RC/JU
 Sample : P4771-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Nov 12 00:45:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

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

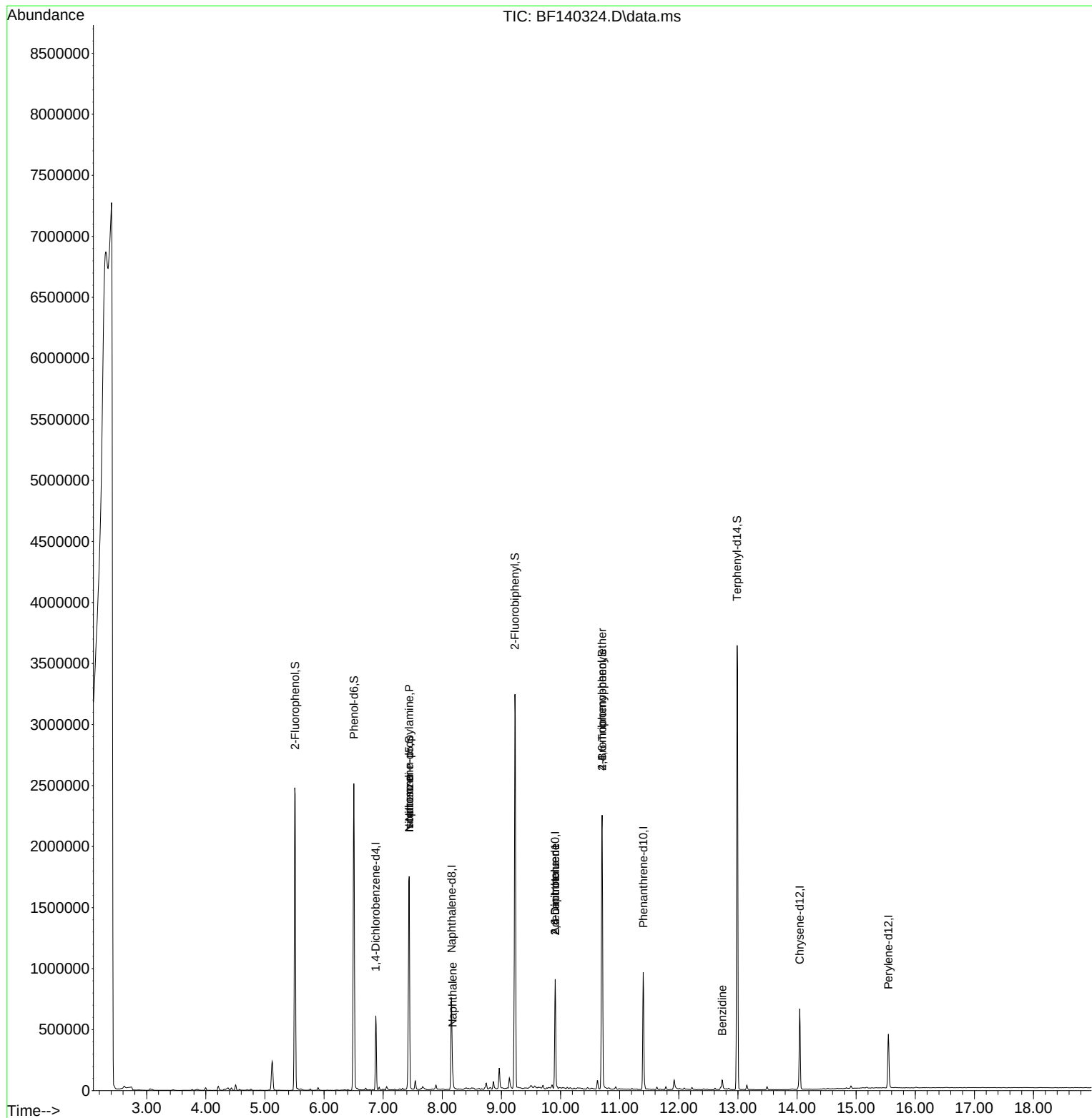
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126219	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	472881	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	263934	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	496947	20.000	ng	0.00
76) Chrysene-d12	14.045	240	307666	20.000	ng	-0.01
86) Perylene-d12	15.545	264	256356	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	961920	131.666	ng	0.02
7) Phenol-d6	6.504	99	1245463	128.296	ng	0.00
23) Nitrobenzene-d5	7.440	82	847638	93.055	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	393241	153.360	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1461855	87.445	ng	0.00
79) Terphenyl-d14	12.986	244	1838512	102.467	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	115748	19.578	ng	# 78
25) Isophorone	7.440	82	840573	52.976	ng	# 67
31) Naphthalene	8.175	128	60745	2.563	ng	100
51) 2,6-Dinitrotoluene	9.910	165	34057	8.830	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	34057	6.706	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	25830	5.188	ng	# 1
77) Benzidine	12.733	184	43941	4.076	ng	98

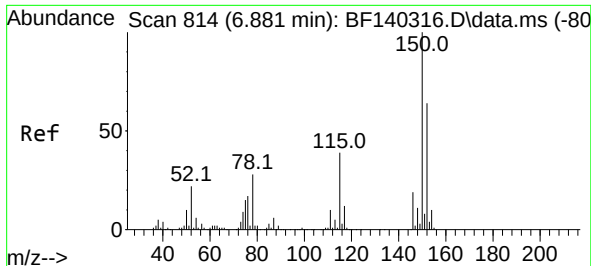
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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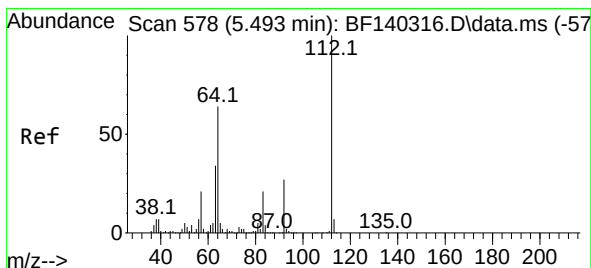
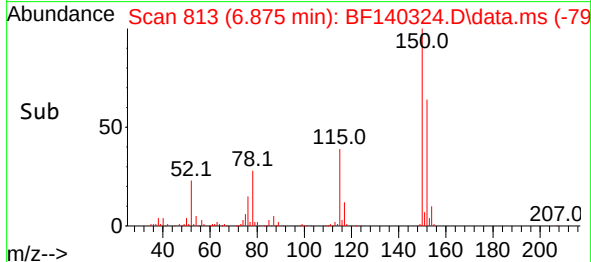
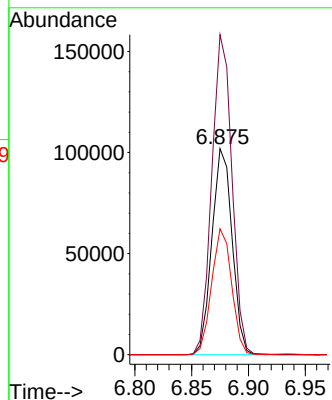
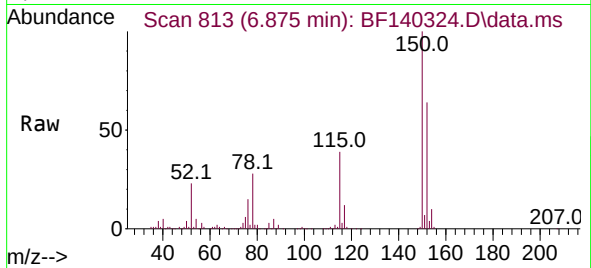




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

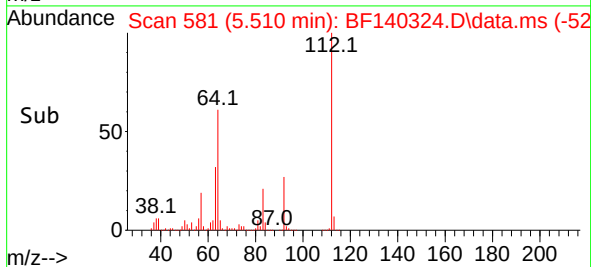
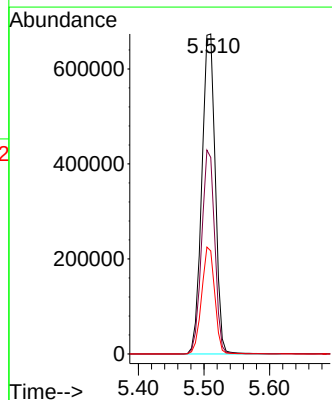
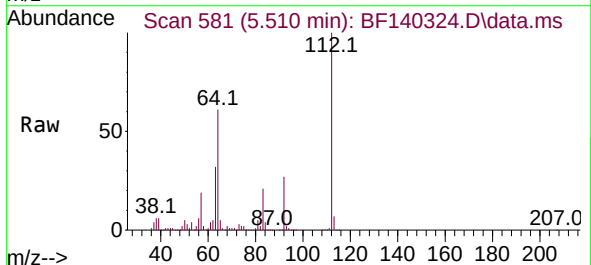
Instrument :
BNA_F
ClientSampleId :
P-1

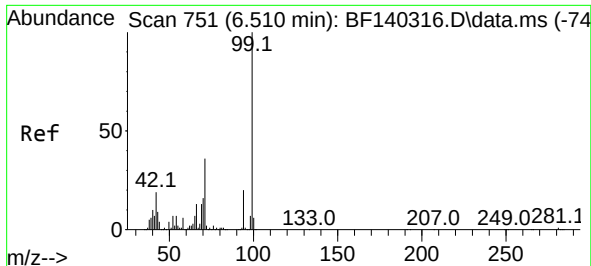
Tgt Ion:152 Resp: 126219
Ion Ratio Lower Upper
152 100
150 155.3 127.1 190.7
115 61.1 49.4 74.0



#5
2-Fluorophenol
Concen: 131.666 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

Tgt Ion:112 Resp: 961920
Ion Ratio Lower Upper
112 100
64 61.4 51.0 76.6
63 32.2 26.9 40.3





#7

Phenol-d6

Concen: 128.296 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140324.D

Acq: 11 Nov 2024 18:25

Instrument :

BNA_F

ClientSampleId :

P-1

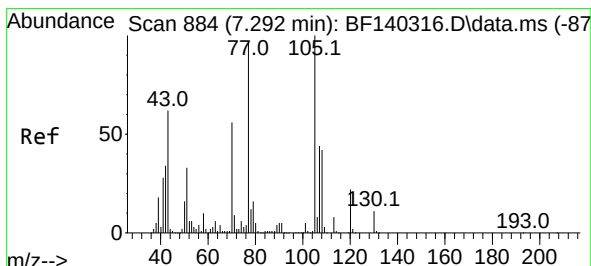
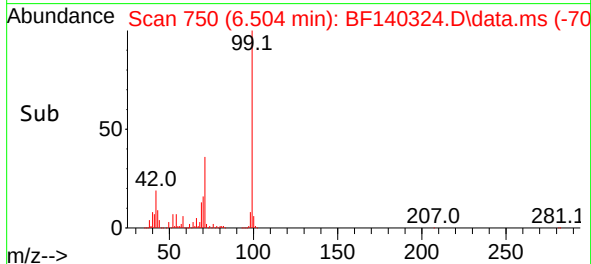
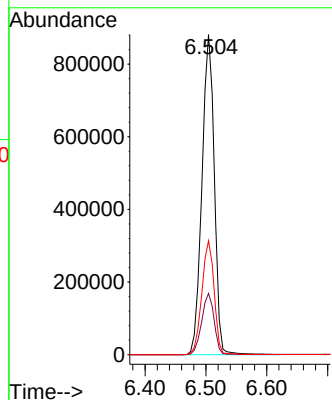
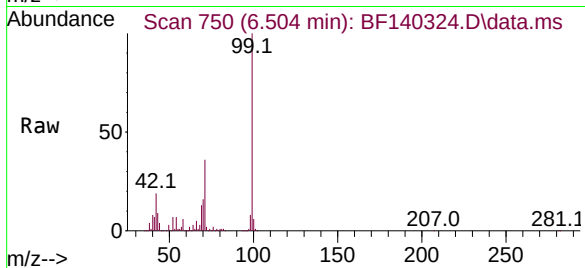
Tgt Ion: 99 Resp: 1245463

Ion Ratio Lower Upper

99 100

42 19.2 15.5 23.3

71 35.6 28.8 43.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.578 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF140324.D

Acq: 11 Nov 2024 18:25

Tgt Ion: 70 Resp: 115748

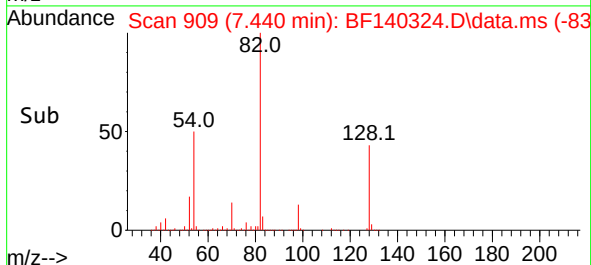
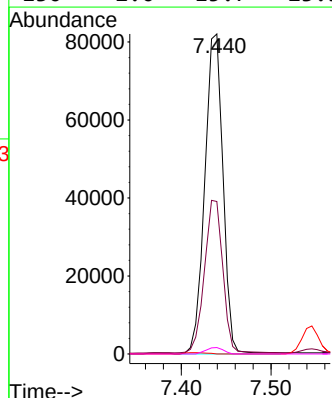
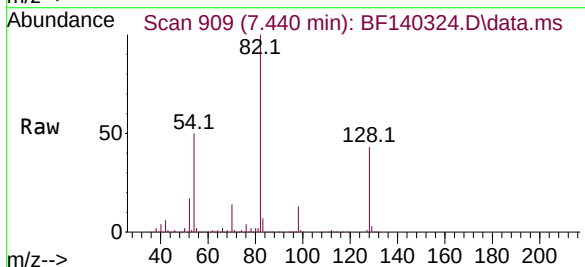
Ion Ratio Lower Upper

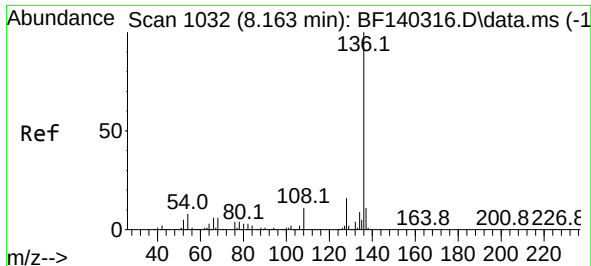
70 100

42 47.7 48.0 72.0#

101 0.0 7.4 11.0#

130 2.0 15.7 23.5#



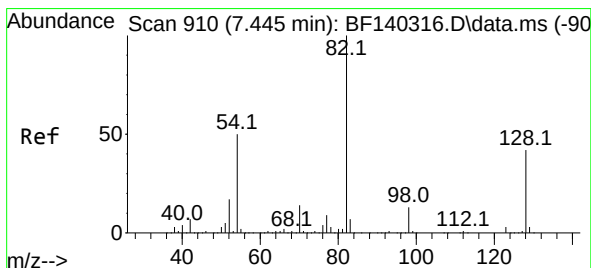
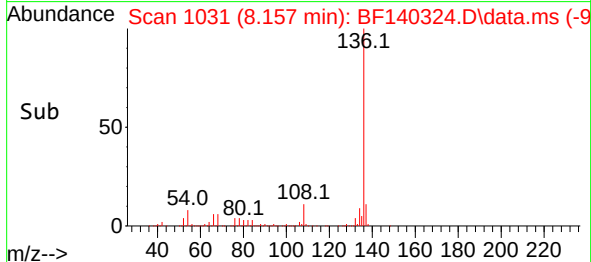
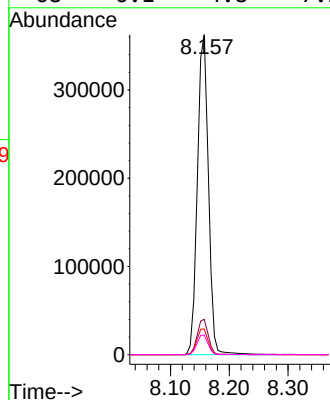
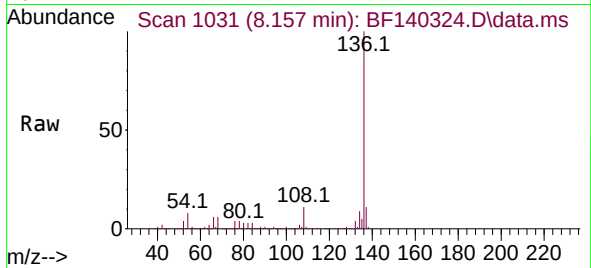


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

Instrument :
BNA_F
ClientSampleId :
P-1

Tgt Ion:136 Resp: 472881

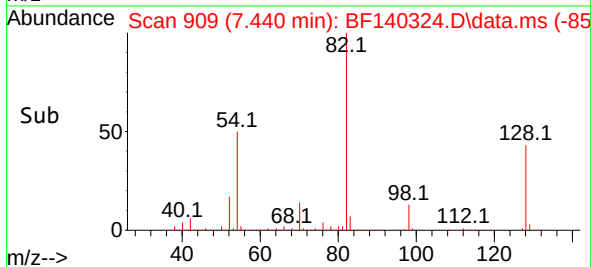
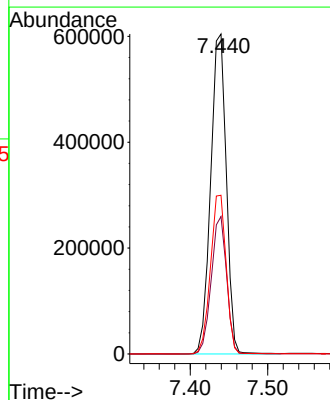
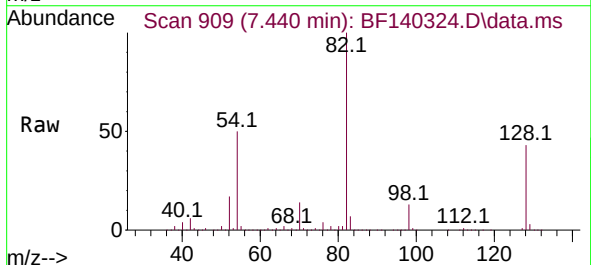
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.0	6.2	9.2
68	6.1	4.8	7.2

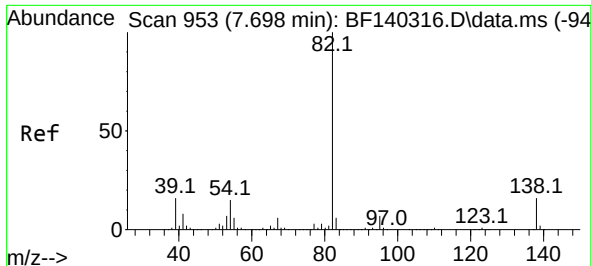


#23
Nitrobenzene-d5
Concen: 93.055 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

Tgt Ion: 82 Resp: 847638

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.8	50.6
54	49.6	40.0	60.0

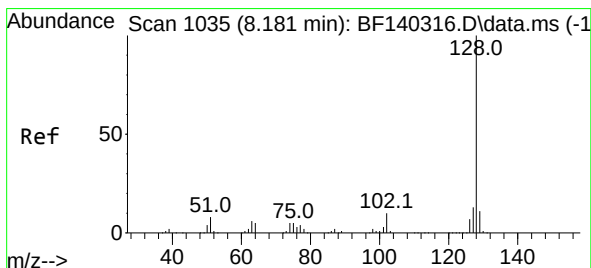
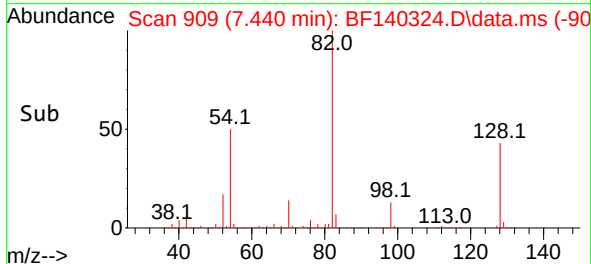
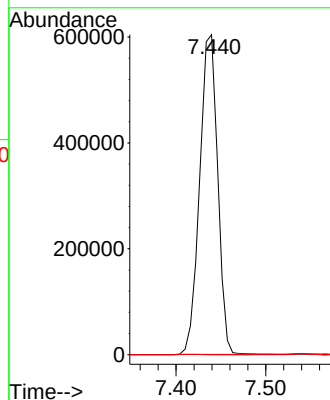
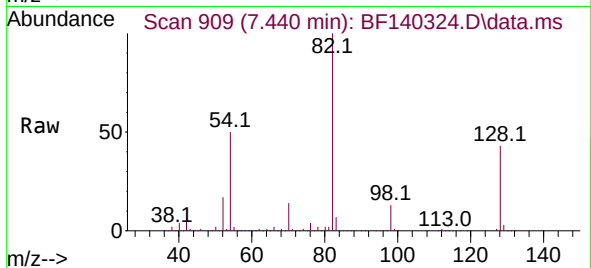




#25
Isophorone
Concen: 52.976 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

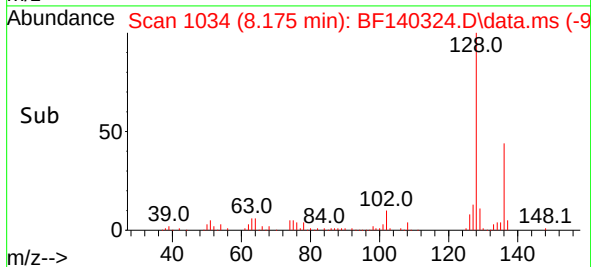
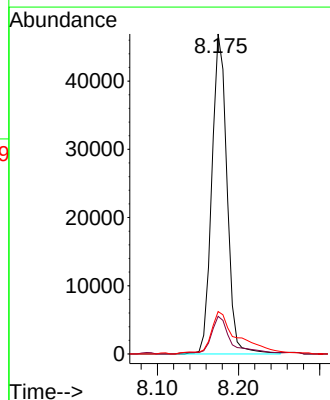
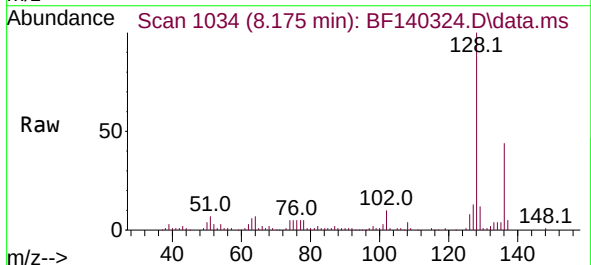
Instrument :
BNA_F
ClientSampleId :
P-1

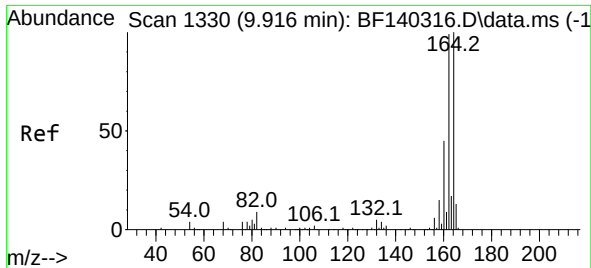
Tgt Ion: 82 Resp: 840573
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#31
Naphthalene
Concen: 2.563 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

Tgt Ion:128 Resp: 60745
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.7 16.1

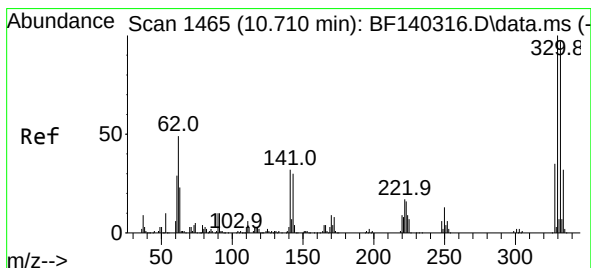
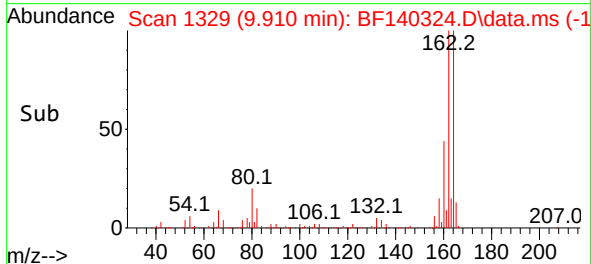
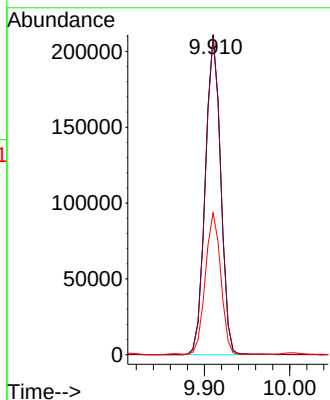
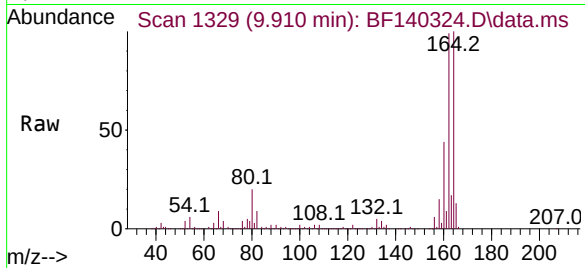




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

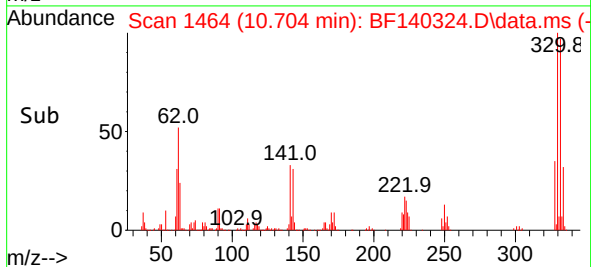
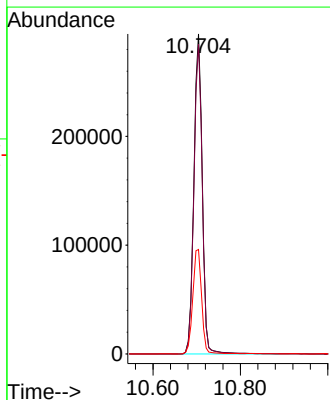
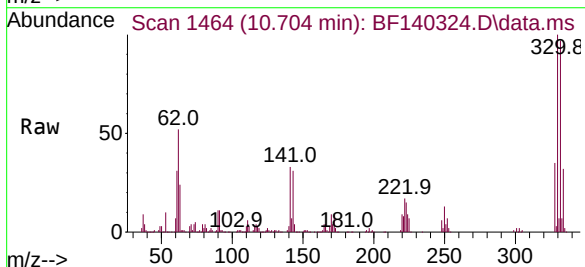
Instrument :
BNA_F
ClientSampleId :
P-1

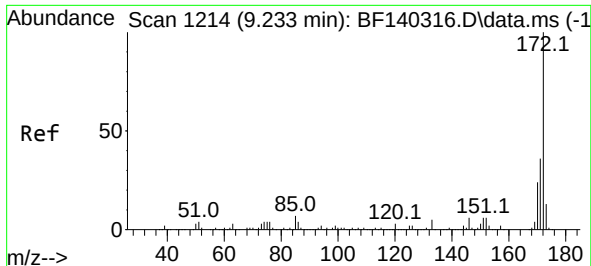
Tgt Ion:164 Resp: 263934
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 44.3 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 153.360 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

Tgt Ion:330 Resp: 393241
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 34.6 28.3 42.5





#45

2-Fluorobiphenyl

Concen: 87.445 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140324.D

Acq: 11 Nov 2024 18:25

Instrument :

BNA_F

ClientSampleId :

P-1

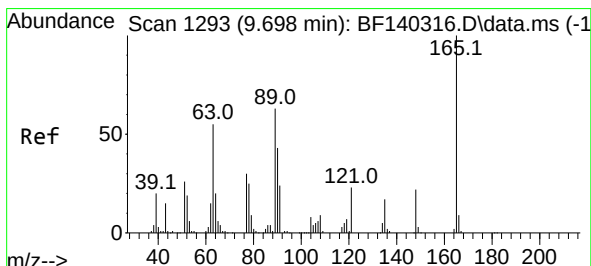
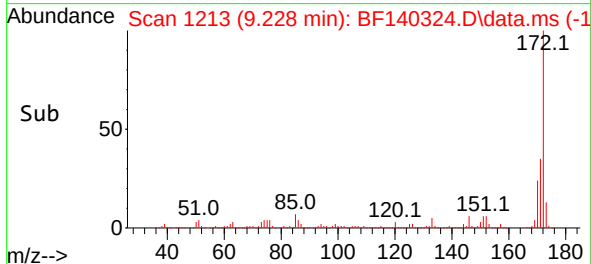
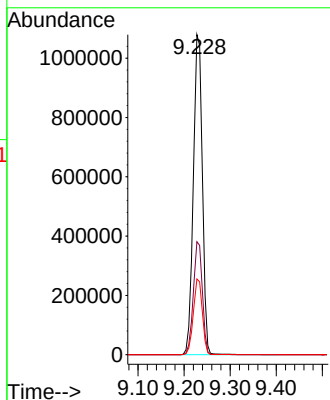
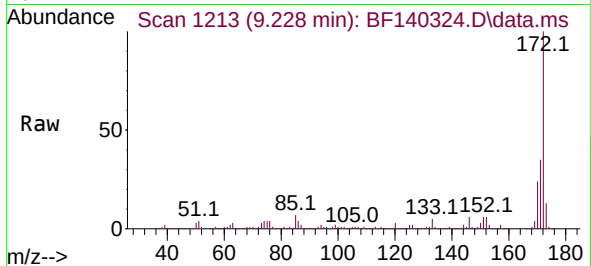
Tgt Ion:172 Resp: 1461855

Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.6 19.3 28.9



#51

2,6-Dinitrotoluene

Concen: 8.830 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140324.D

Acq: 11 Nov 2024 18:25

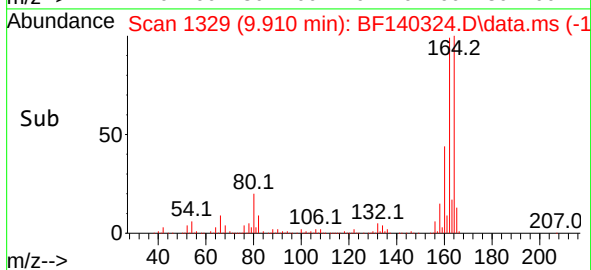
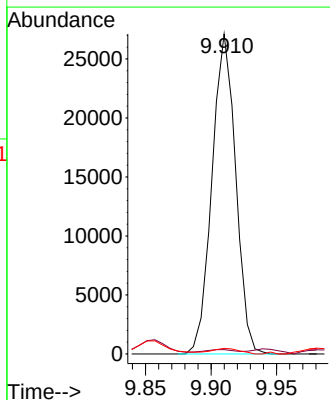
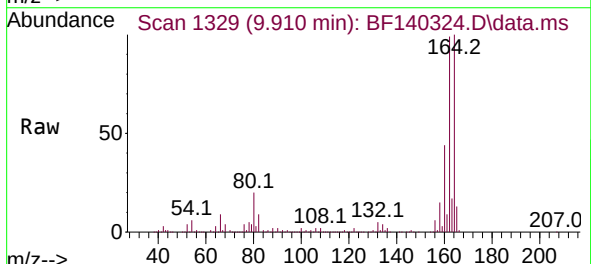
Tgt Ion:165 Resp: 34057

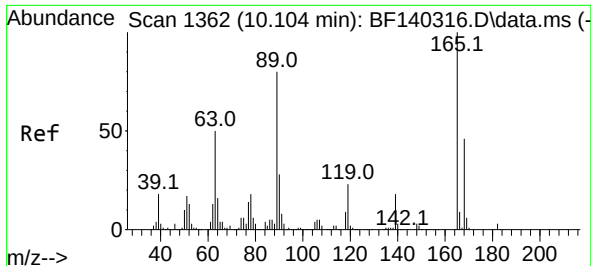
Ion Ratio Lower Upper

165 100

63 1.3 50.7 76.1#

89 1.7 50.4 75.6#

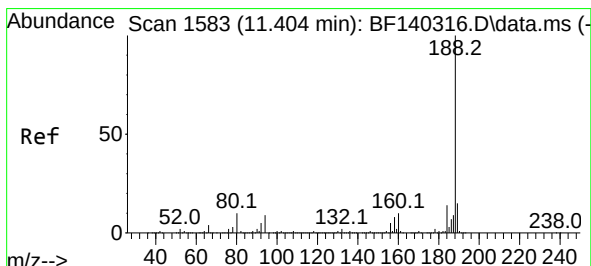
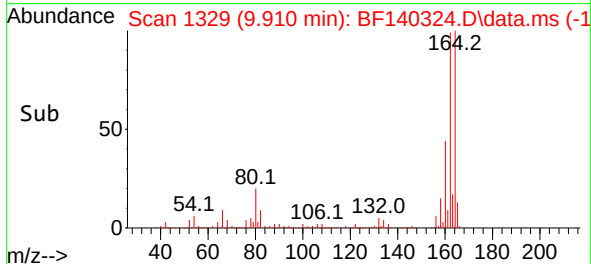
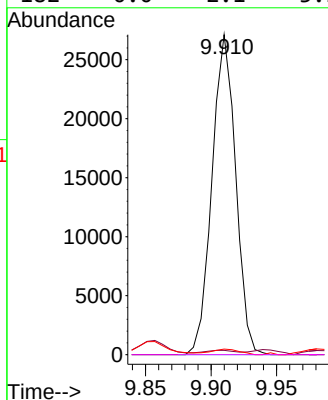
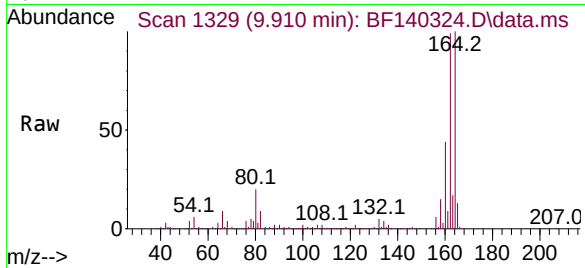




#57
2,4-Dinitrotoluene
Concen: 6.706 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

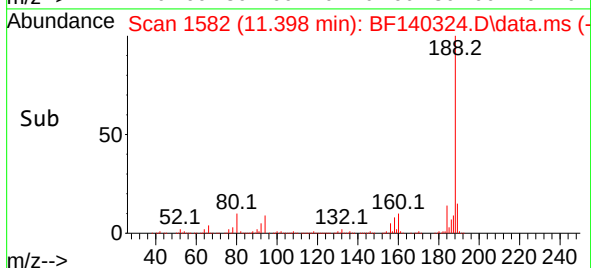
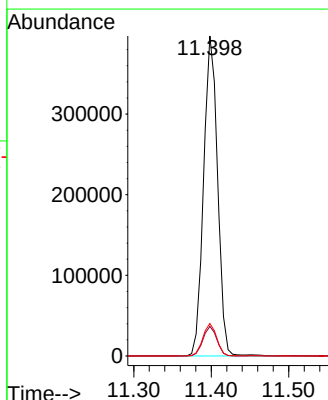
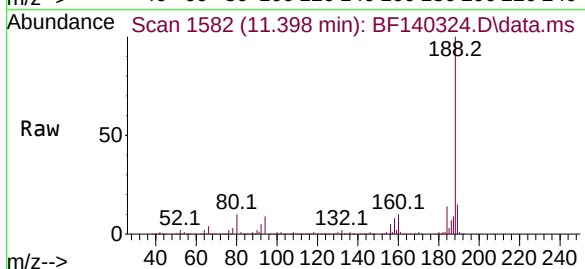
Instrument :
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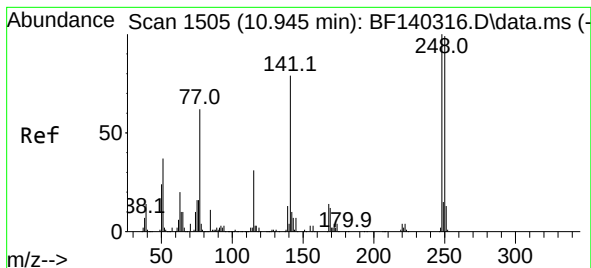
Tgt Ion:165 Resp: 34057
Ion Ratio Lower Upper
165 100
63 1.3 40.6 60.8#
89 1.7 63.8 95.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

Tgt Ion:188 Resp: 496947
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.2 8.0 12.0

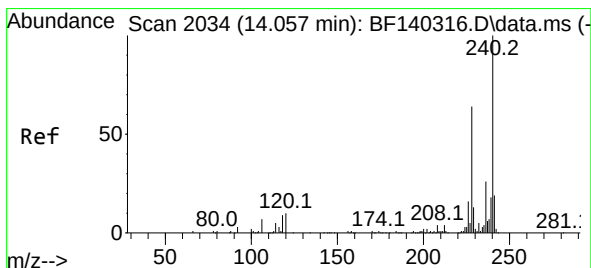
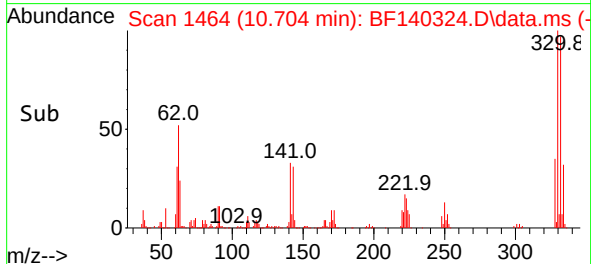
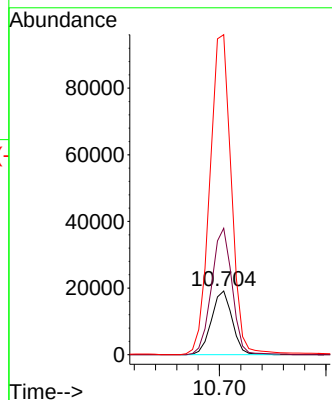
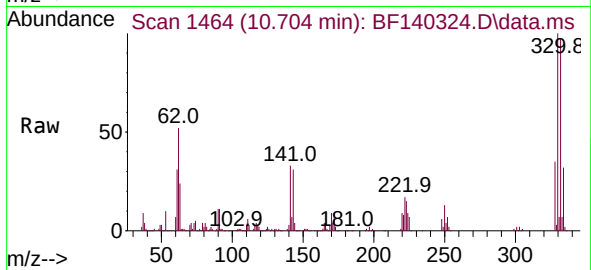




#67
4-Bromophenyl-phenylether
Concen: 5.188 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

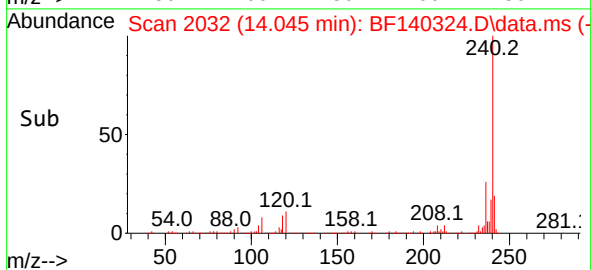
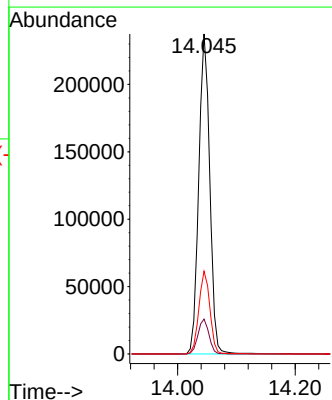
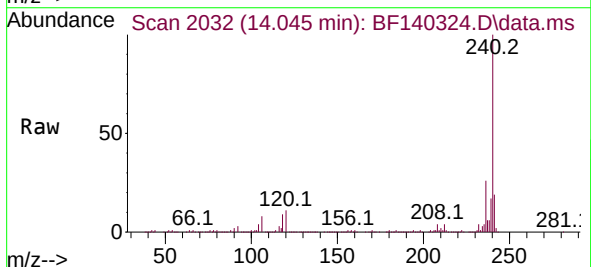
Instrument :
BNA_F
ClientSampleId :
P-1

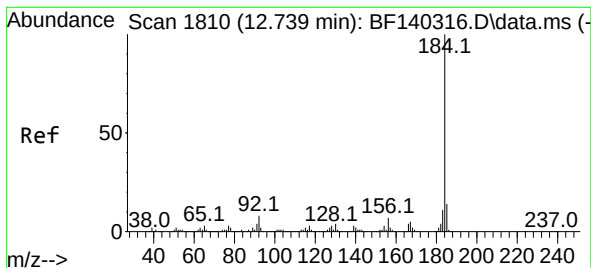
Tgt Ion:248 Resp: 25830
Ion Ratio Lower Upper
248 100
250 198.5 79.1 118.7#
141 502.4 63.5 95.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF140324.D
Acq: 11 Nov 2024 18:25

Tgt Ion:240 Resp: 307666
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.4
236 25.9 20.9 31.3





#77

Benzidine

Concen: 4.076 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF140324.D

Acq: 11 Nov 2024 18:25

Instrument :

BNA_F

ClientSampleId :

P-1

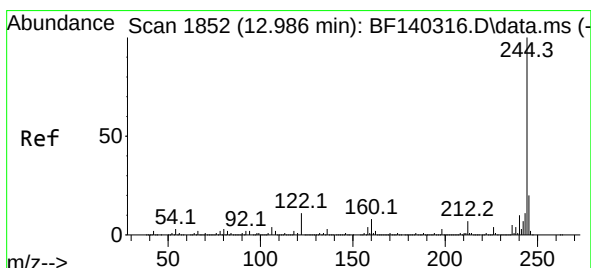
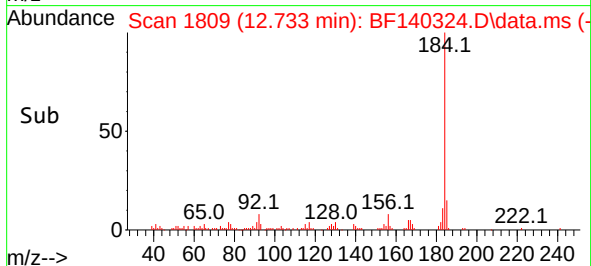
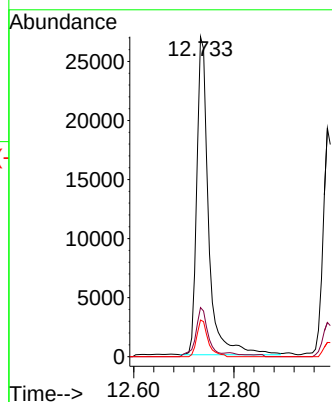
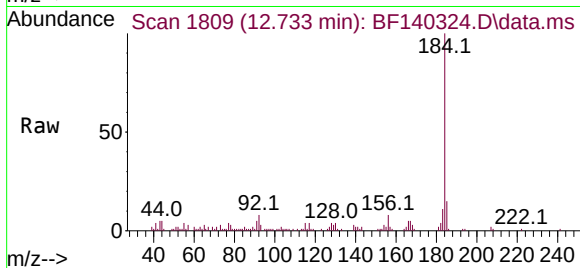
Tgt Ion:184 Resp: 43941

Ion Ratio Lower Upper

184 100

185 15.3 11.6 17.4

183 11.5 8.6 13.0



#79

Terphenyl-d14

Concen: 102.467 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140324.D

Acq: 11 Nov 2024 18:25

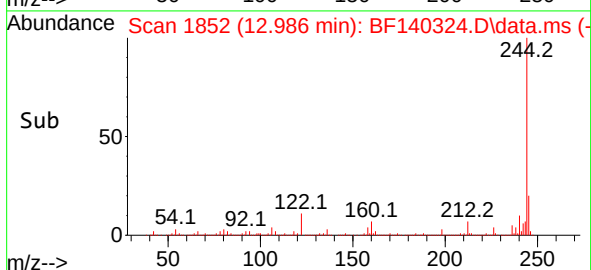
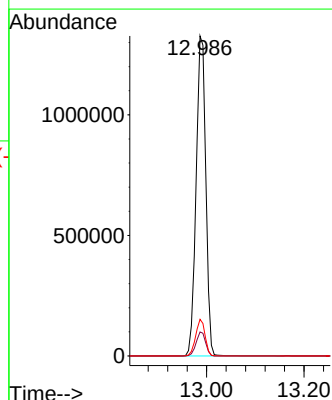
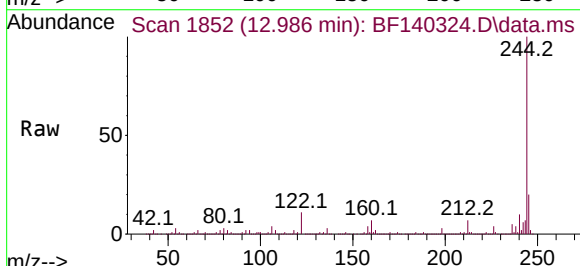
Tgt Ion:244 Resp: 1838512

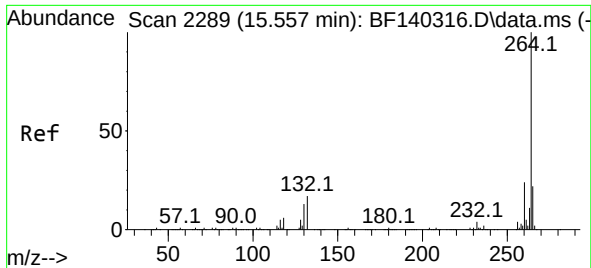
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

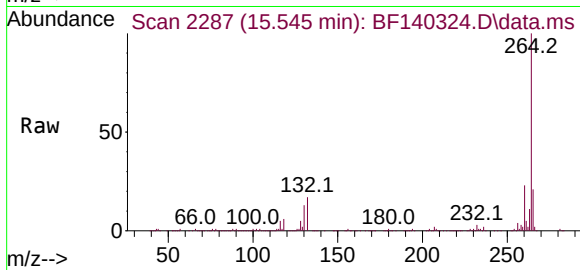
122 11.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF140324.D
 Acq: 11 Nov 2024 18:25

Instrument :
 BNA_F
 ClientSampleId :
 P-1



Tgt Ion:264 Resp: 256356
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.2 17.6 26.4

