

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140121.D
 Acq On : 29 Oct 2024 19:29
 Operator : RC/JU
 Sample : P4598-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F11

Quant Time: Oct 30 01:03:47 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)

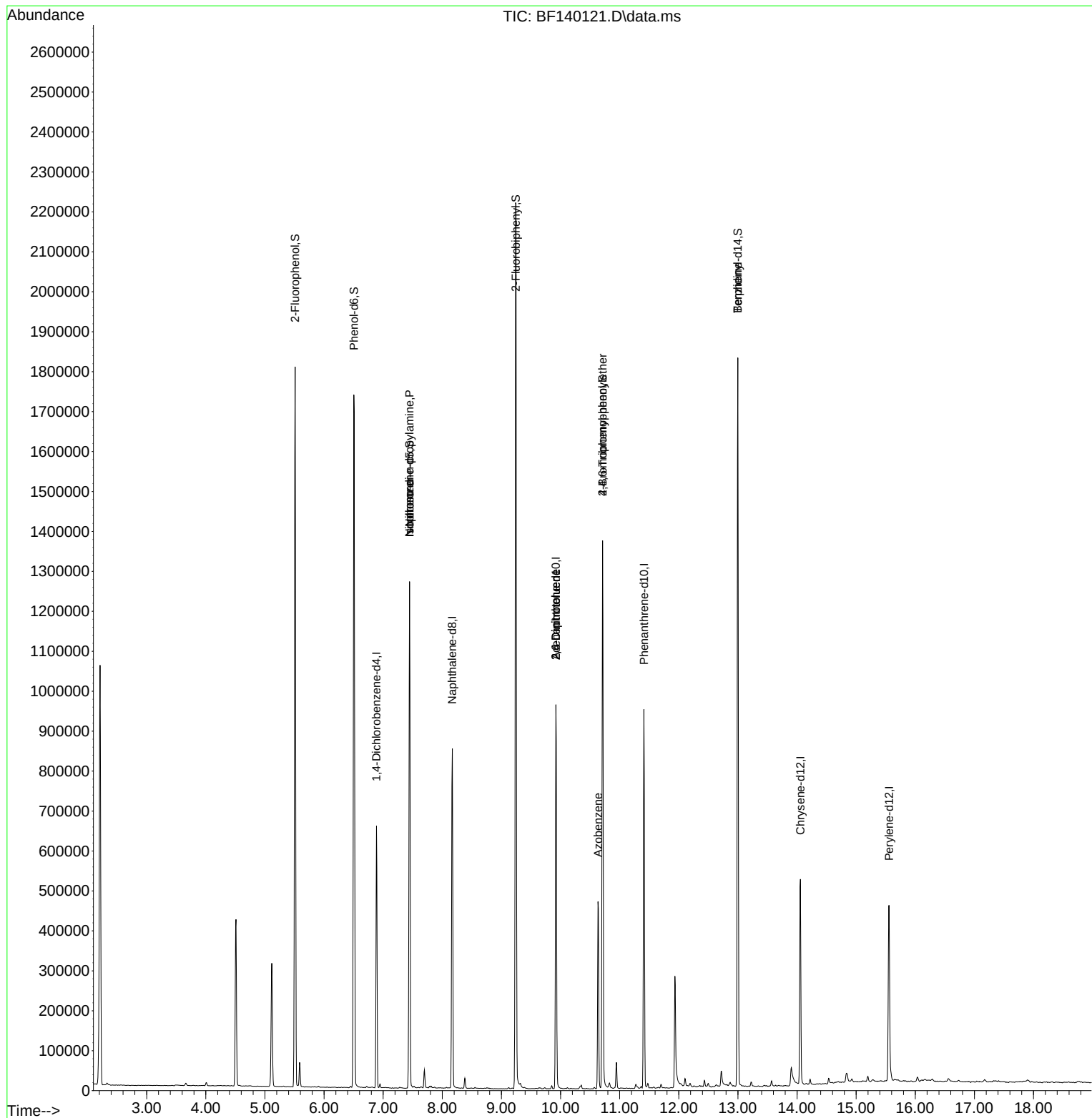
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	129174	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	516877	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	290268	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	491714	20.000	ng	0.00
76) Chrysene-d12	14.057	240	252944	20.000	ng	0.00
86) Perylene-d12	15.557	264	281407	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	650818	78.874	ng	0.01
7) Phenol-d6	6.504	99	831492	77.805	ng	0.00
23) Nitrobenzene-d5	7.445	82	563860	60.462	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	231452	85.247	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1049185	59.737	ng	0.00
79) Terphenyl-d14	12.998	244	887785	57.192	ng	0.00
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	74549	11.502	ng	# 78
25) Isophorone	7.445	82	559015	31.582	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	37168	9.494	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	37169	7.721	ng	# 21
63) Azobenzene	10.633	77	121928	6.479	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	15126	2.986	ng	# 1
77) Benzidine	12.998	184	11531	2.772	ng	# 94

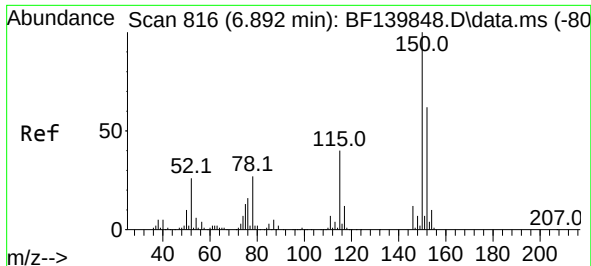
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
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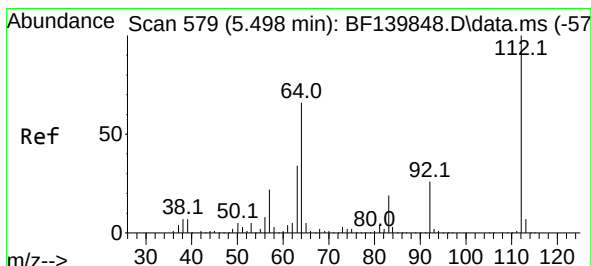
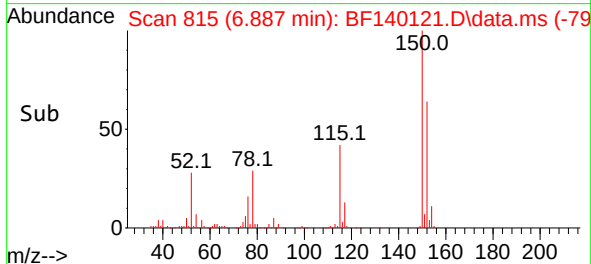
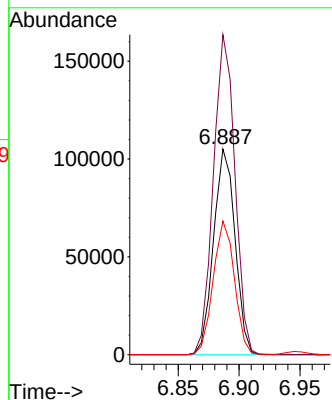
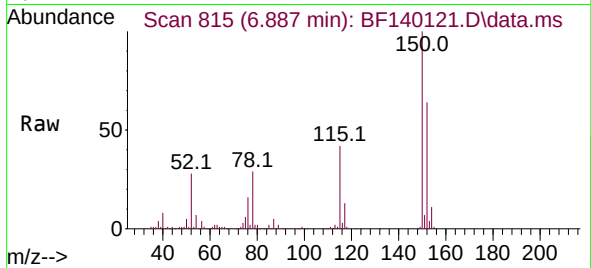




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

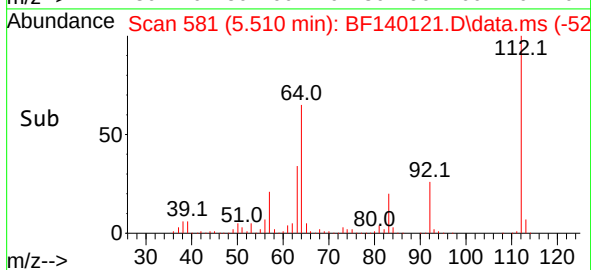
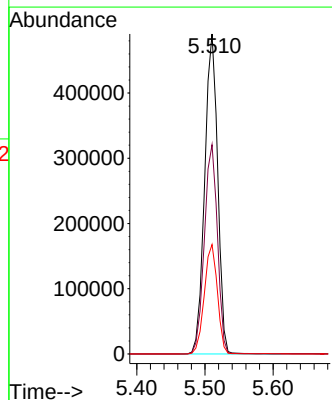
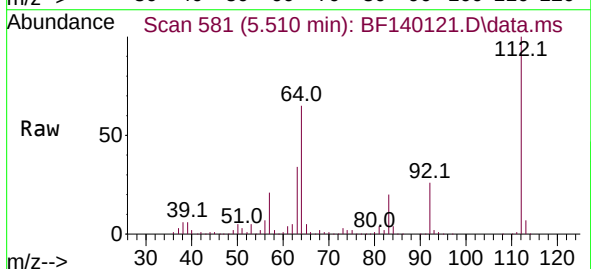
Instrument :
BNA_F
ClientSampleId :
BP-F11

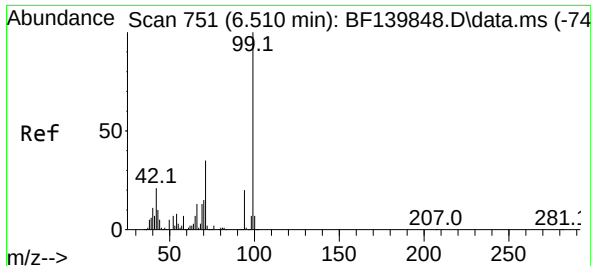
Tgt Ion:152 Resp: 129174
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 65.0 51.4 77.2



#5
2-Fluorophenol
Concen: 78.874 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

Tgt Ion:112 Resp: 650818
Ion Ratio Lower Upper
112 100
64 65.4 53.0 79.6
63 34.2 27.0 40.4

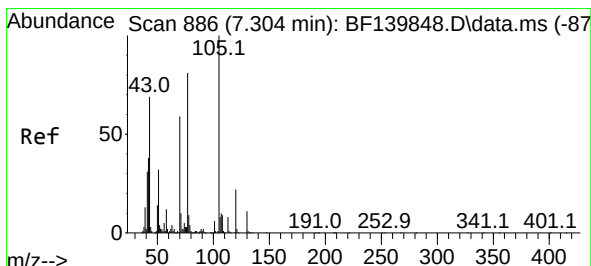
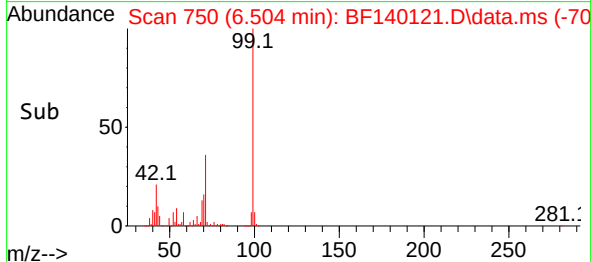
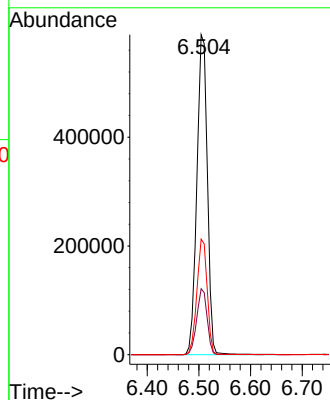
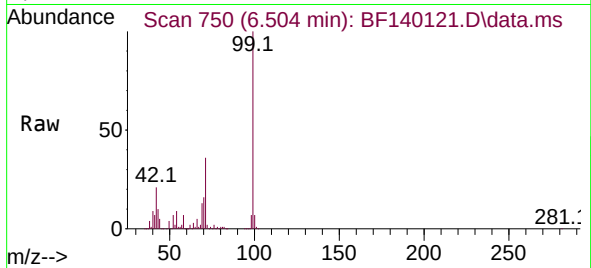




#7
Phenol-d6
Concen: 77.805 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

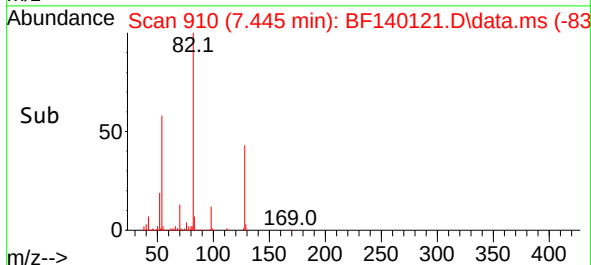
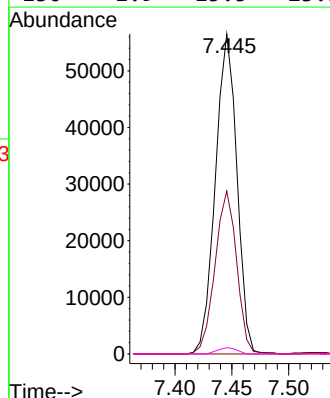
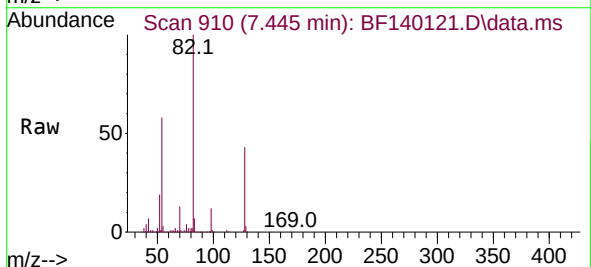
Instrument :
BNA_F
ClientSampleId :
BP-F11

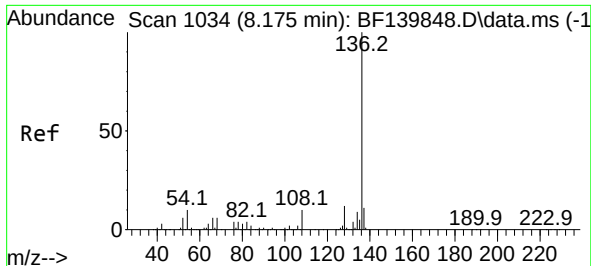
Tgt Ion: 99 Resp: 831492
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 36.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.502 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

Tgt Ion: 70 Resp: 74549
Ion Ratio Lower Upper
70 100
42 50.9 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

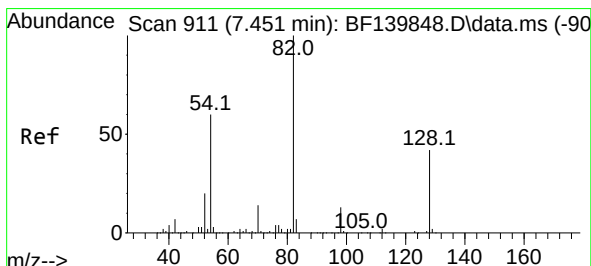
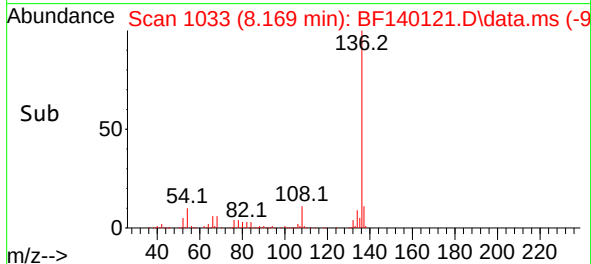
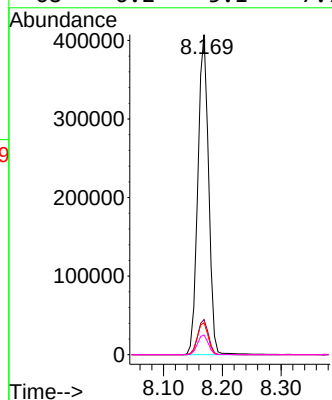
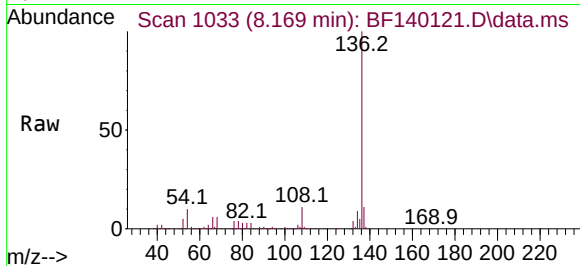




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

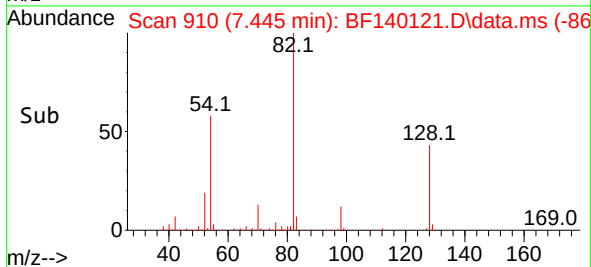
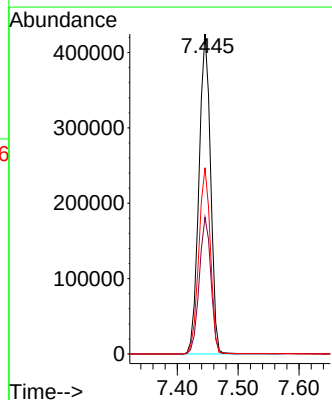
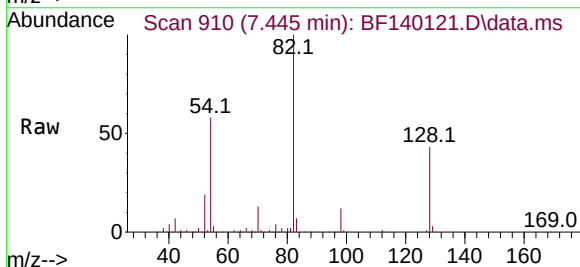
Instrument :
BNA_F
ClientSampleId :
BP-F11

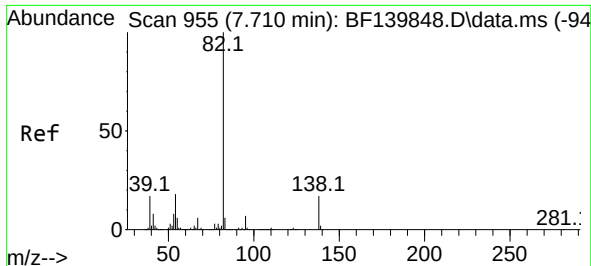
Tgt Ion:136 Resp: 516877
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.0 8.4 12.6
68 6.2 5.1 7.7



#23
Nitrobenzene-d5
Concen: 60.462 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

Tgt Ion: 82 Resp: 563860
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.0
54 58.2 47.8 71.8

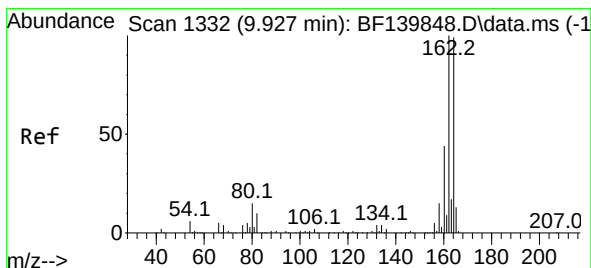
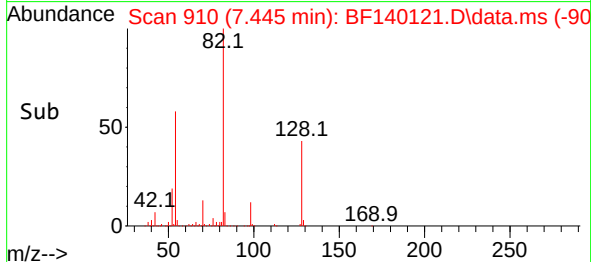
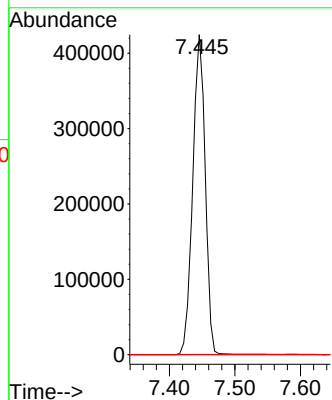
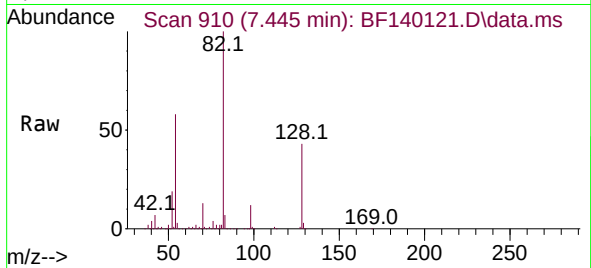




#25
Isophorone
Concen: 31.582 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

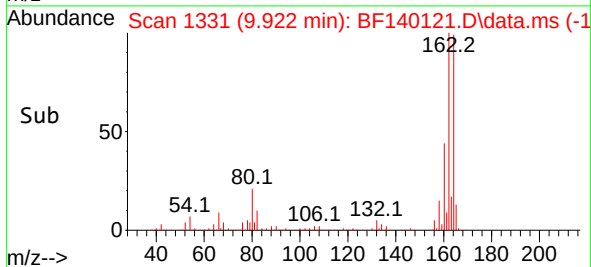
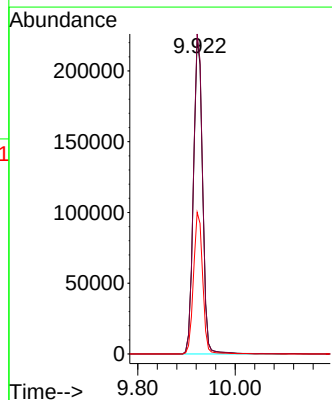
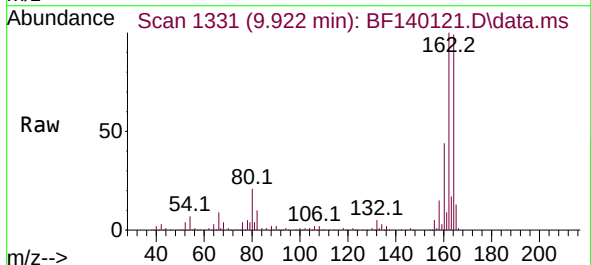
Instrument :
BNA_F
ClientSampleId :
BP-F11

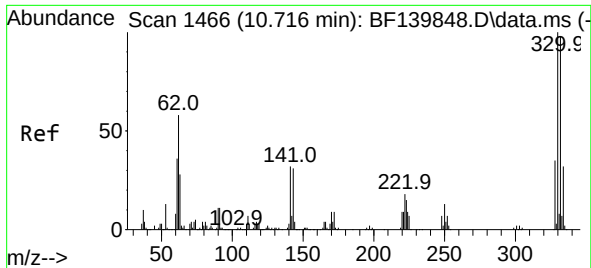
Tgt Ion: 82 Resp: 559015
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

Tgt Ion: 164 Resp: 290268
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.8 35.4 53.0

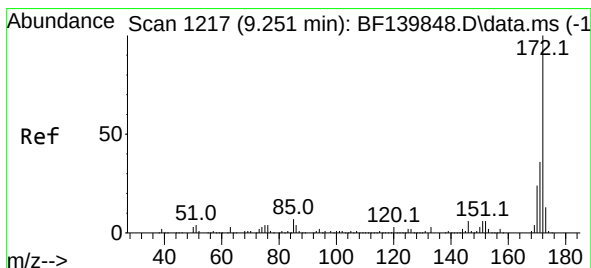
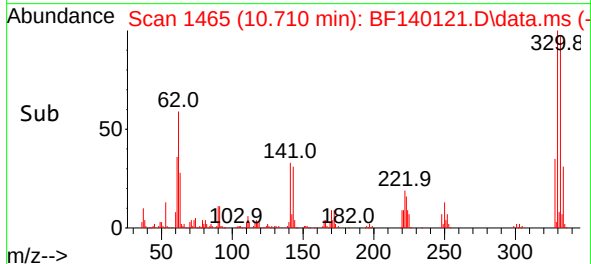
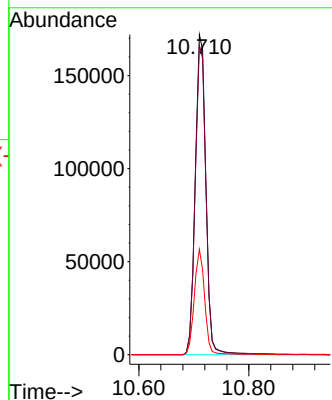
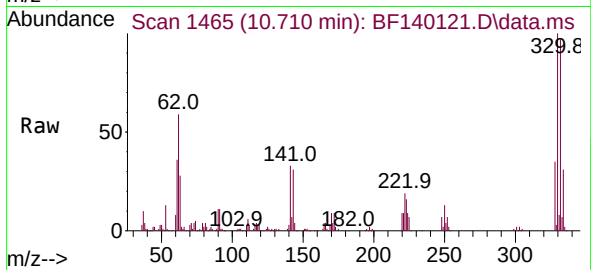




#42
2,4,6-Tribromophenol
Concen: 85.247 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

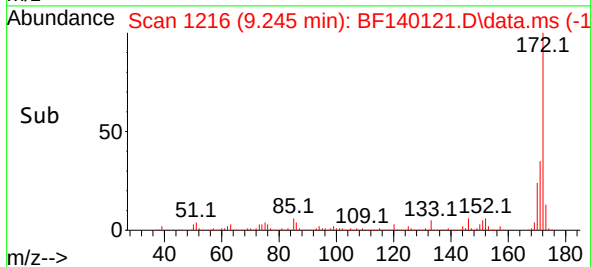
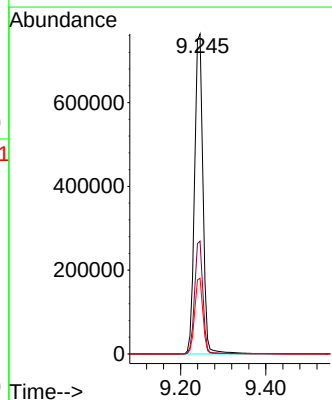
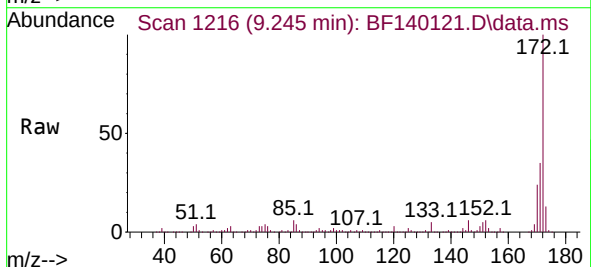
Instrument :
BNA_F
ClientSampleId :
BP-F11

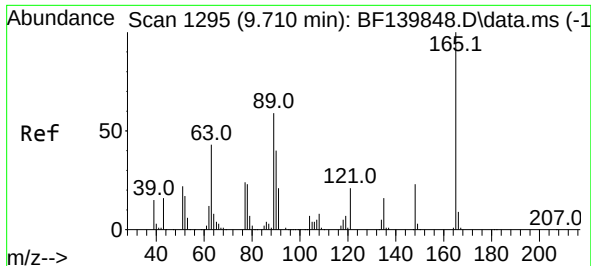
Tgt Ion:330 Resp: 231452
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 31.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 59.737 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

Tgt Ion:172 Resp: 1049185
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.6 19.1 28.7

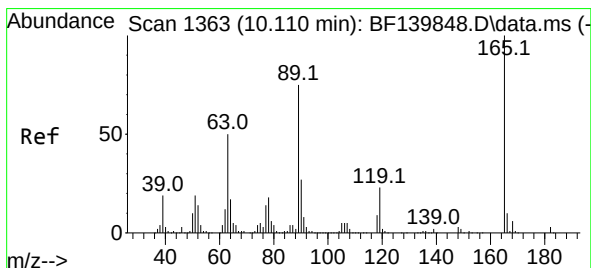
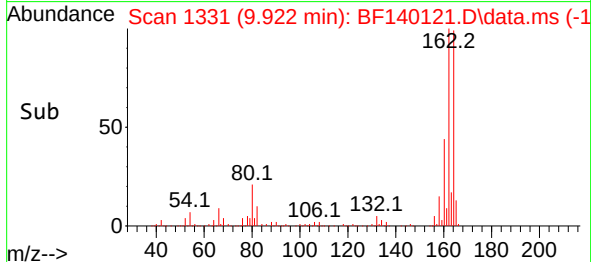
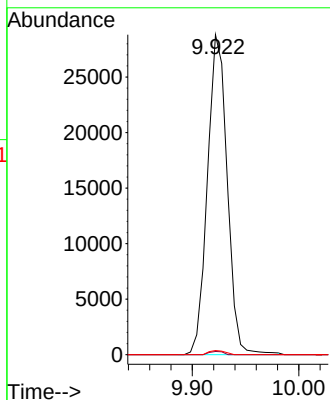
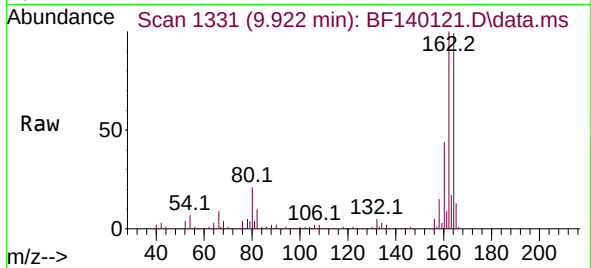




#51
2,6-Dinitrotoluene
Concen: 9.494 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

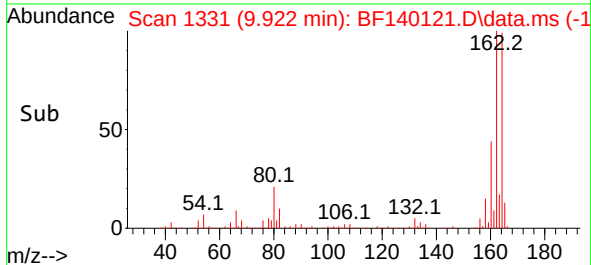
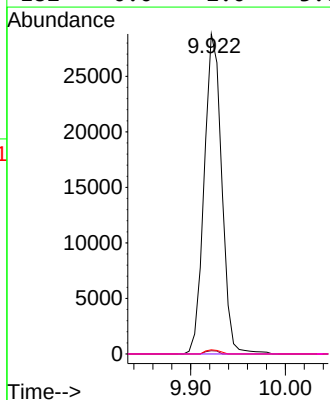
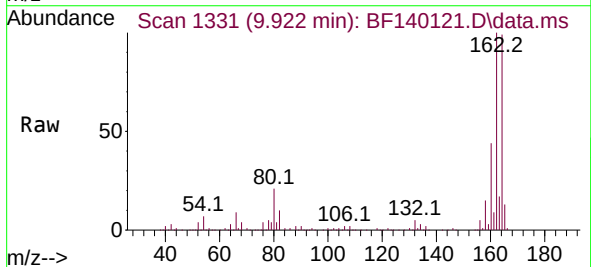
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ClientSampleId :
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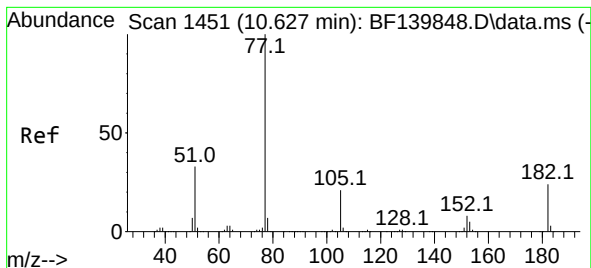
Tgt Ion:165 Resp: 37168
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.721 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

Tgt Ion:165 Resp: 37169
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 6.479 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140121.D

Acq: 29 Oct 2024 19:29

Instrument :

BNA_F

ClientSampleId :

BP-F11

Tgt Ion: 77 Resp: 121928

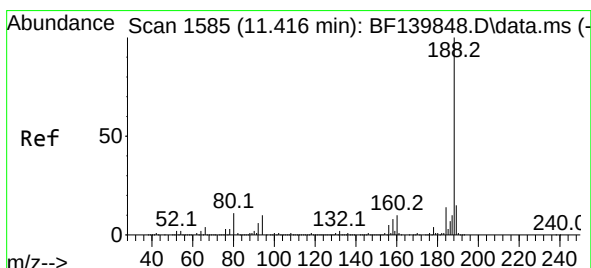
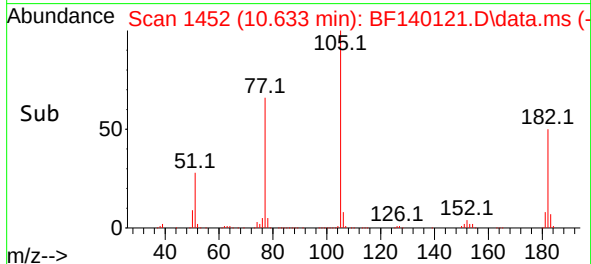
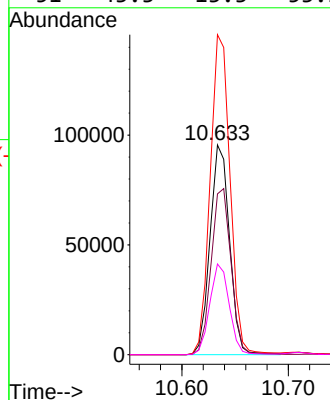
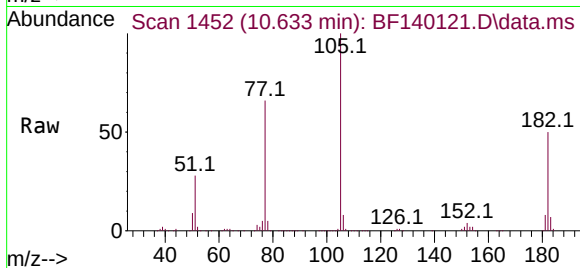
Ion Ratio Lower Upper

77 100

182 76.7 3.3 43.3#

105 152.6 1.2 41.2#

51 43.3 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140121.D

Acq: 29 Oct 2024 19:29

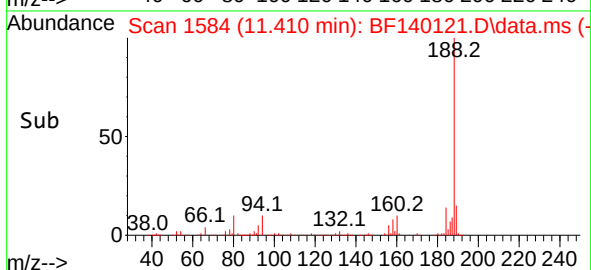
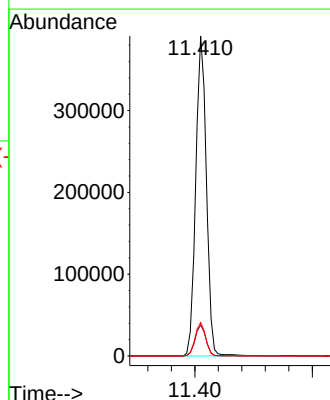
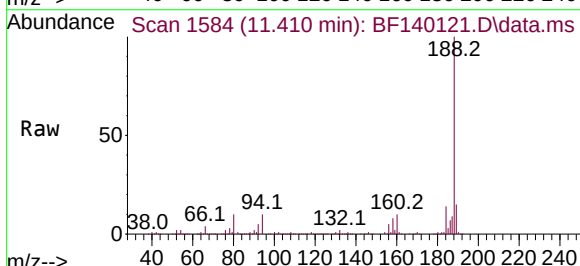
Tgt Ion:188 Resp: 491714

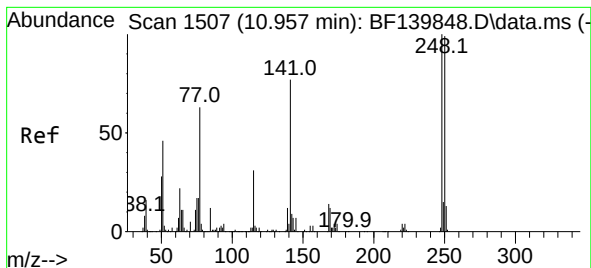
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.5 9.0 13.4

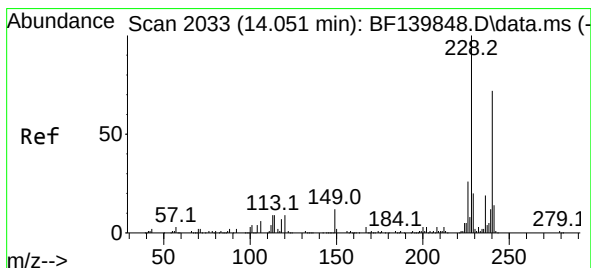
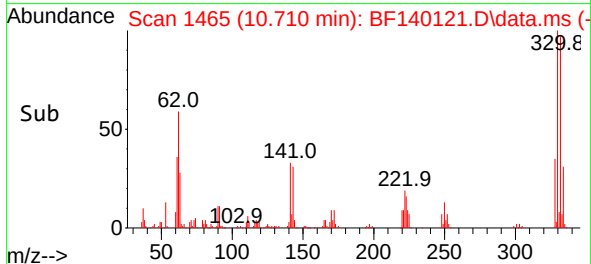
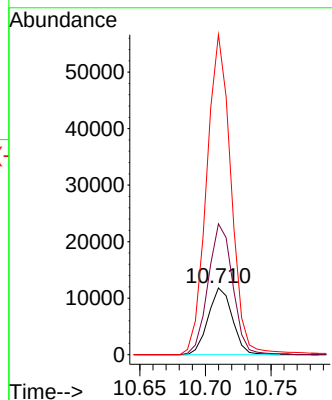
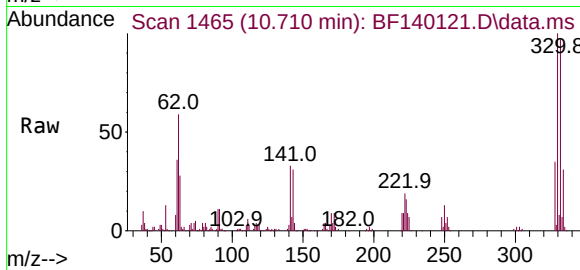




#67
4-Bromophenyl-phenylether
Concen: 2.986 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

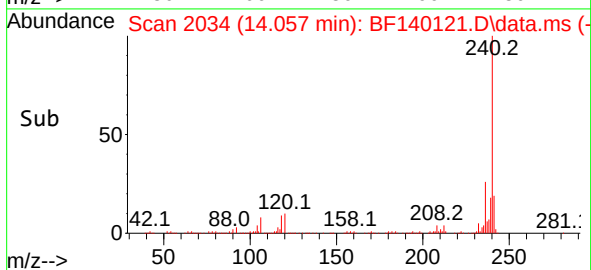
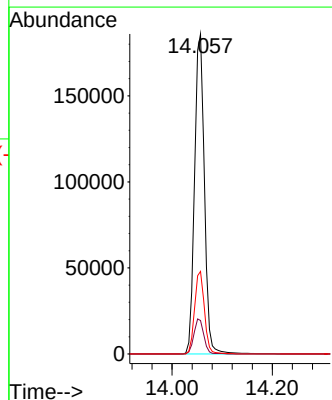
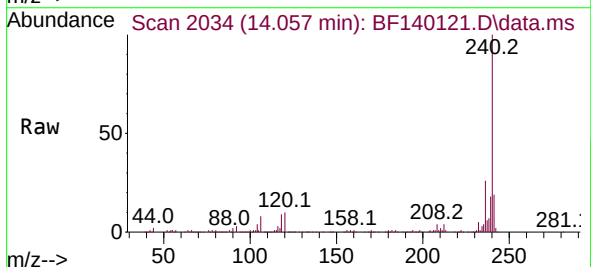
Instrument :
BNA_F
ClientSampleId :
BP-F11

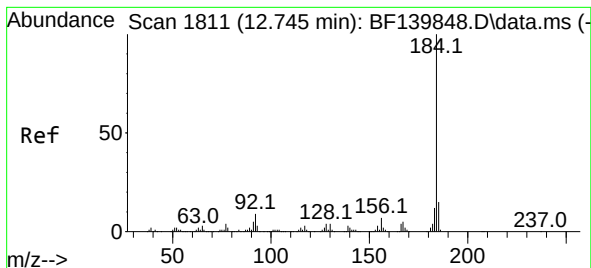
Tgt Ion:248 Resp: 15126
Ion Ratio Lower Upper
248 100
250 196.3 79.0 118.6#
141 480.1 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140121.D
Acq: 29 Oct 2024 19:29

Tgt Ion:240 Resp: 252944
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 25.8 20.9 31.3





#77

Benzidine

Concen: 2.772 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140121.D

Acq: 29 Oct 2024 19:29

Instrument :

BNA_F

ClientSampleId :

BP-F11

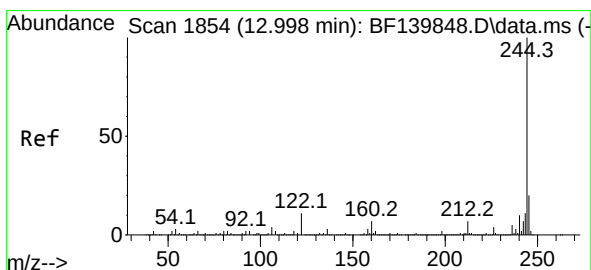
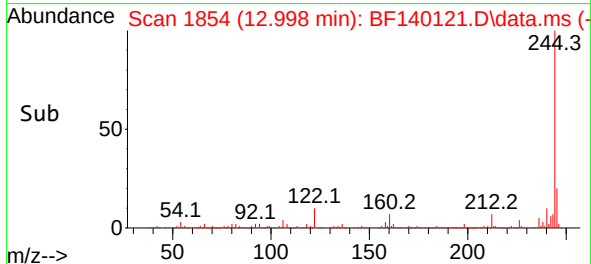
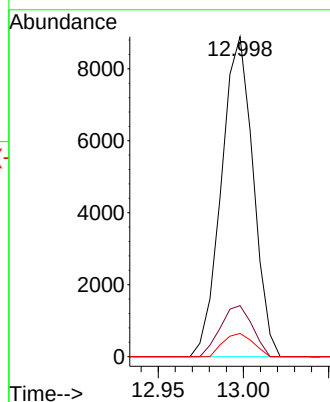
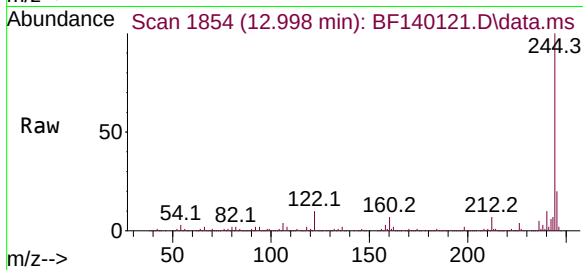
Tgt Ion:184 Resp: 11531

Ion Ratio Lower Upper

184 100

185 15.9 12.0 18.0

183 7.3 9.4 14.2#



#79

Terphenyl-d14

Concen: 57.192 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140121.D

Acq: 29 Oct 2024 19:29

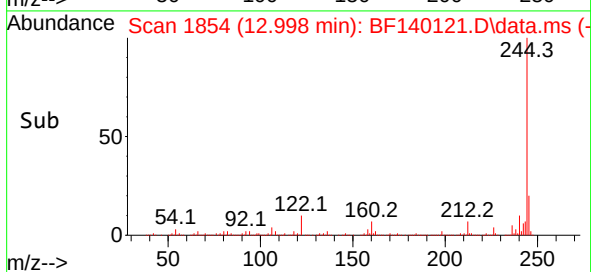
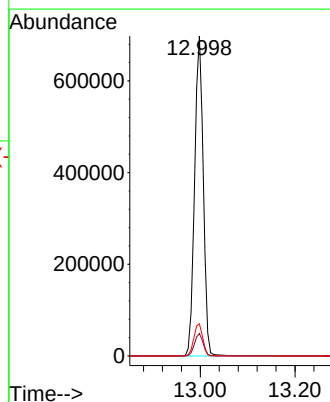
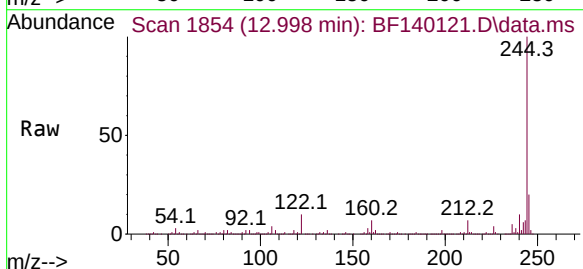
Tgt Ion:244 Resp: 887785

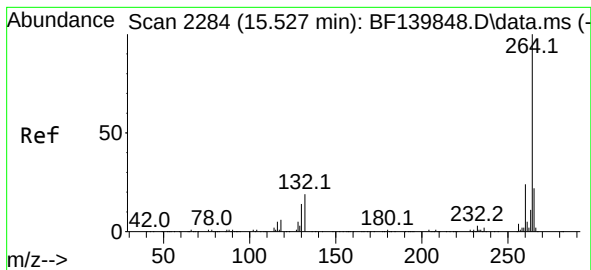
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.0 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF140121.D

Acq: 29 Oct 2024 19:29

Instrument :

BNA_F

ClientSampleId :

BP-F11

Tgt Ion:264 Resp: 281407

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 21.4 17.4 26.0

