

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140421.D
 Acq On : 16 Nov 2024 11:27
 Operator : RC/JU
 Sample : P4821-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-2

Quant Time: Nov 18 00:05:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

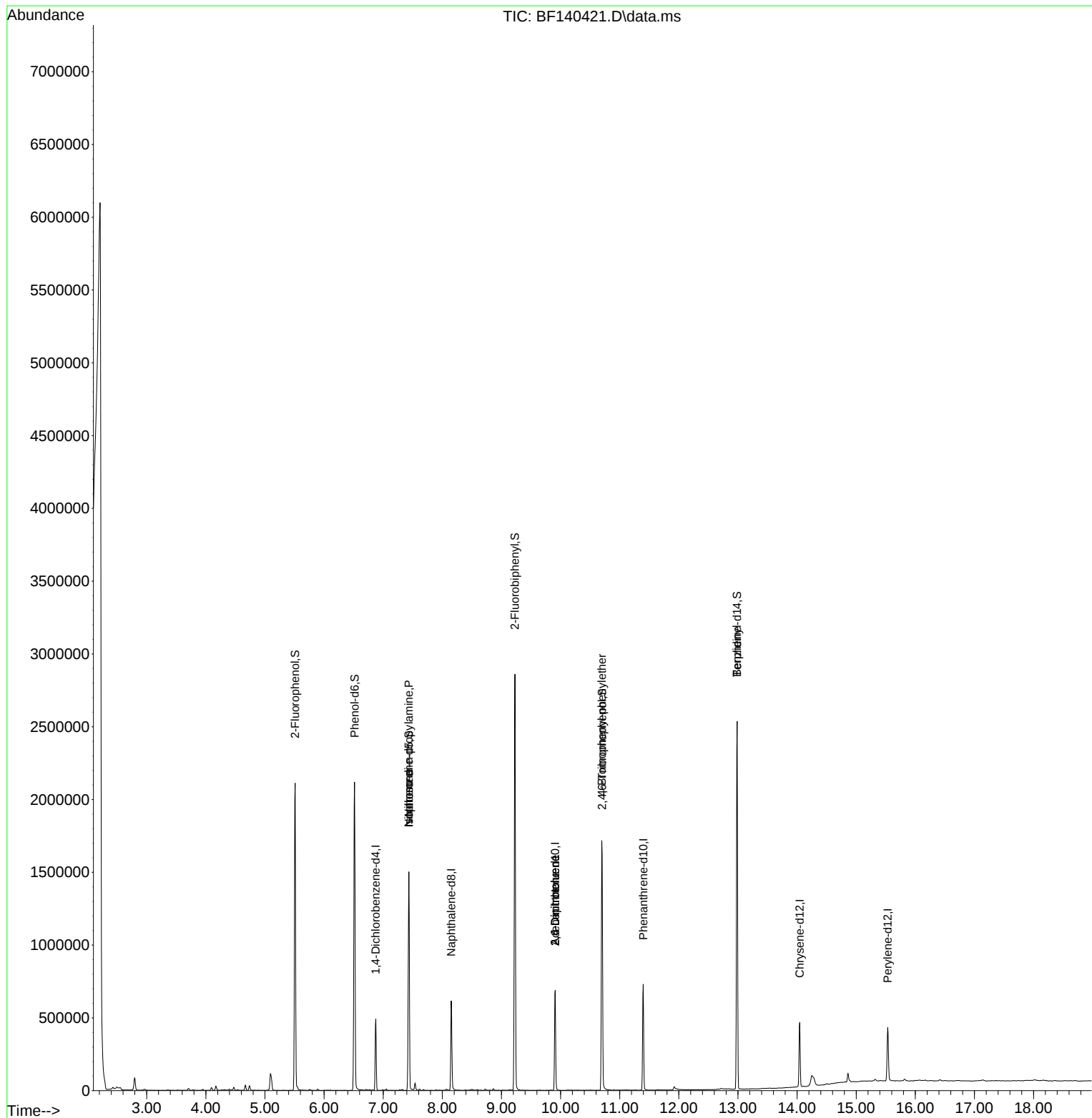
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	103687	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	391201	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	215698	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	390242	20.000	ng	0.00
76) Chrysene-d12	14.045	240	216436	20.000	ng	0.00
86) Perylene-d12	15.533	264	220104	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	805551	132.648	ng	0.02
7) Phenol-d6	6.516	99	1040626	126.478	ng	0.01
23) Nitrobenzene-d5	7.434	82	690277	91.936	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	302922	141.226	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1258973	93.828	ng	0.00
79) Terphenyl-d14	12.986	244	1231121	98.735	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	91523	18.418	ng	# 79
25) Isophorone	7.434	82	682275	51.272	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	27408	8.551	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	27408	6.497	ng	# 20
67) 4-Bromophenyl-phenylether	10.698	248	18934	4.854	ng	# 1
77) Benzidine	12.986	184	16992	2.046	ng	# 95

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

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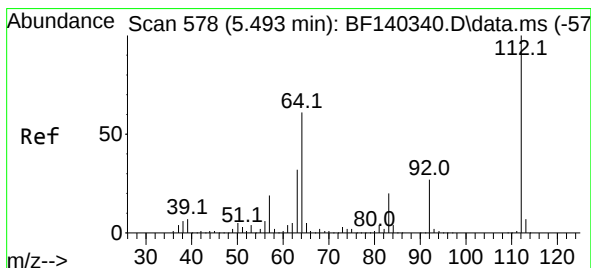
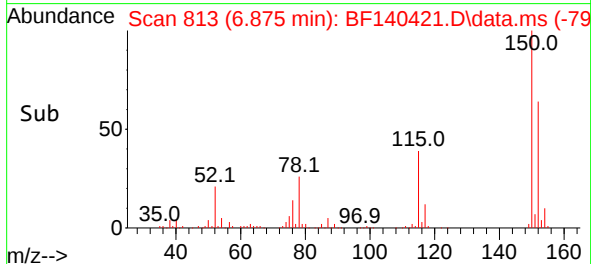
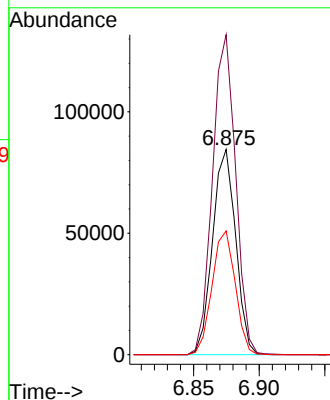
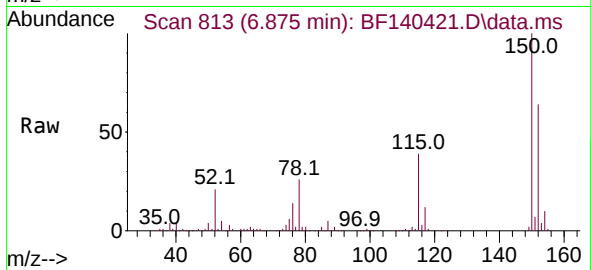




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

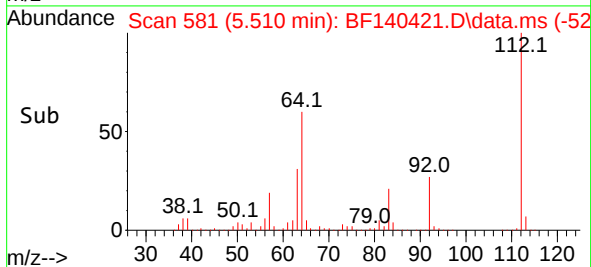
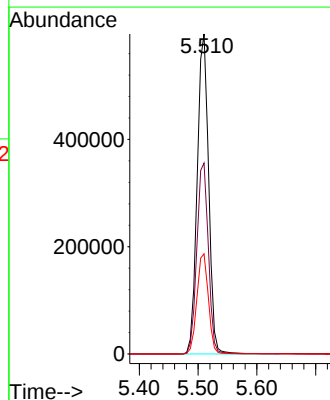
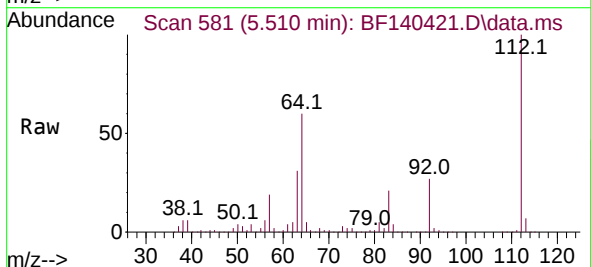
Instrument :
BNA_F
ClientSampleId :
BP-F-2

Tgt Ion:152 Resp: 103687
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 60.4 47.4 71.2



#5
2-Fluorophenol
Concen: 132.648 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Tgt Ion:112 Resp: 805551
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.3 25.6 38.4

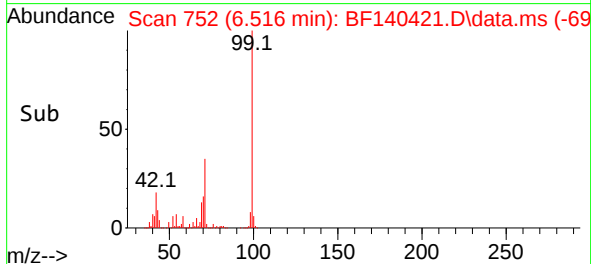
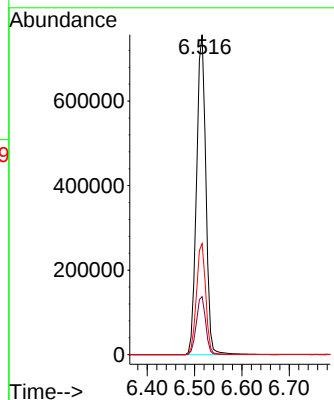
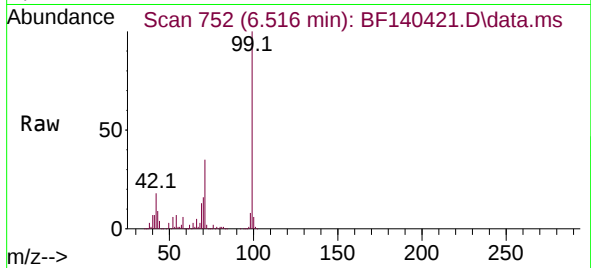




#7
Phenol-d6
Concen: 126.478 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

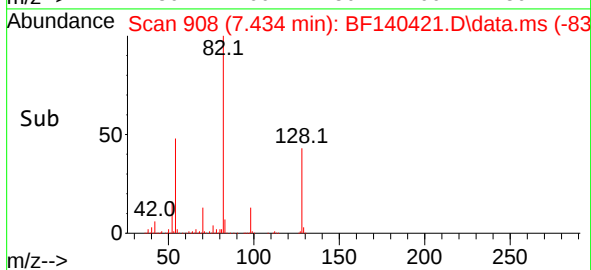
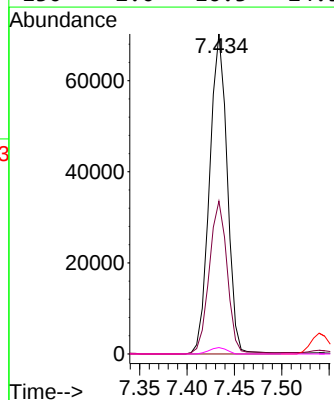
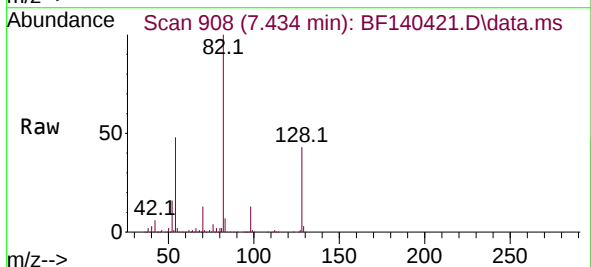
Instrument :
BNA_F
ClientSampleId :
BP-F-2

Tgt Ion: 99 Resp: 1040626
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 34.7 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.418 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Tgt Ion: 70 Resp: 91523
Ion Ratio Lower Upper
70 100
42 47.7 46.8 70.2
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

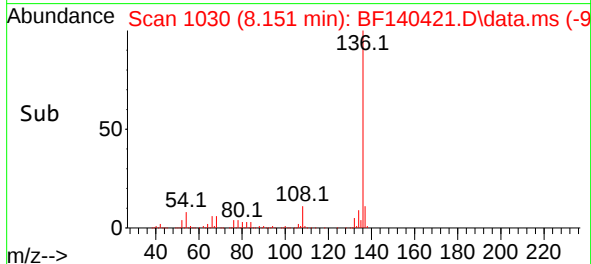
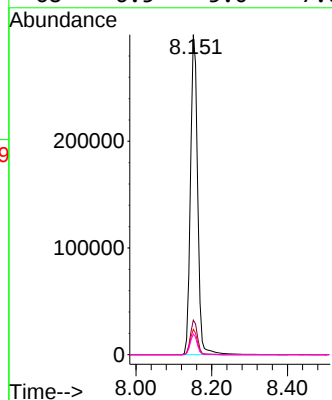
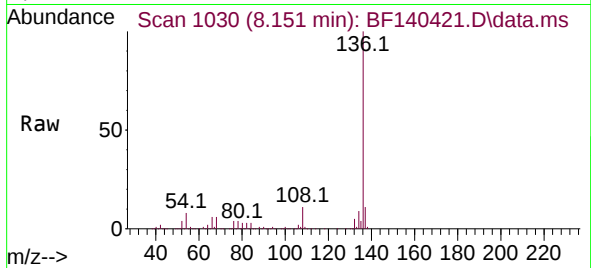




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

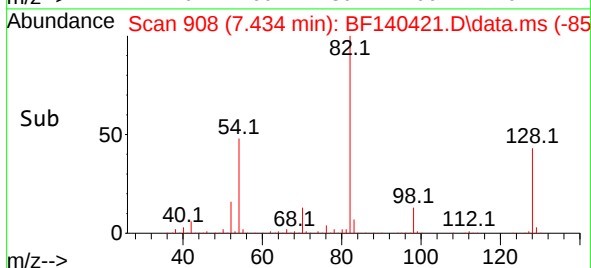
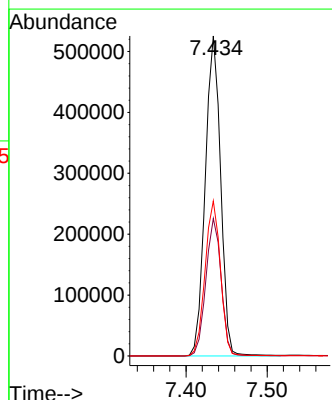
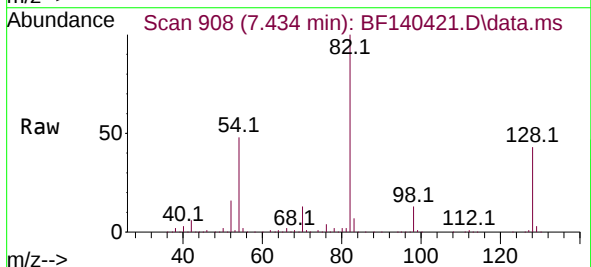
Instrument :
BNA_F
ClientSampleId :
BP-F-2

Tgt Ion:136 Resp: 391201
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.9 6.5 9.7
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 91.936 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Tgt Ion: 82 Resp: 690277
Ion Ratio Lower Upper
82 100
128 43.0 33.3 49.9
54 48.4 39.8 59.8

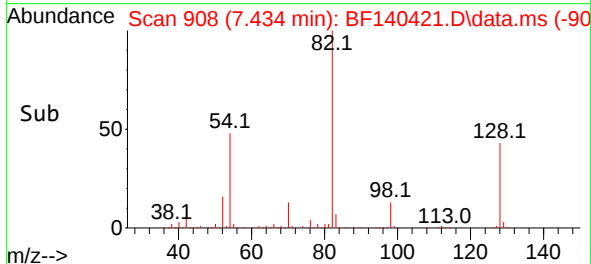
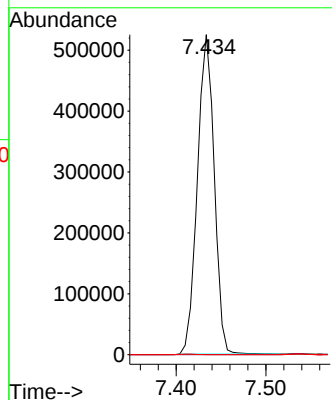
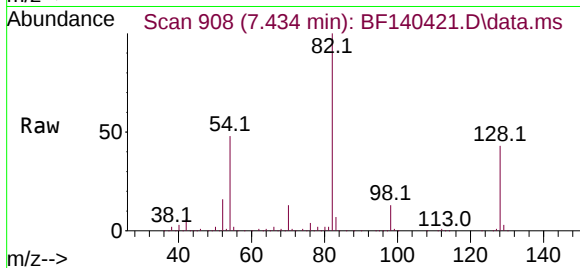




#25
Isophorone
Concen: 51.272 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

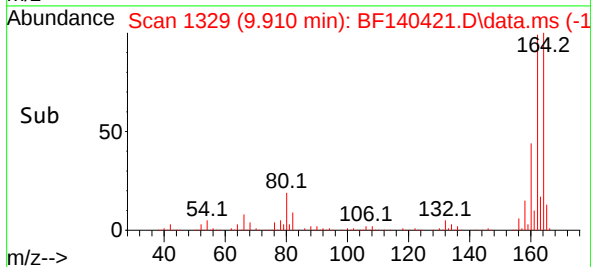
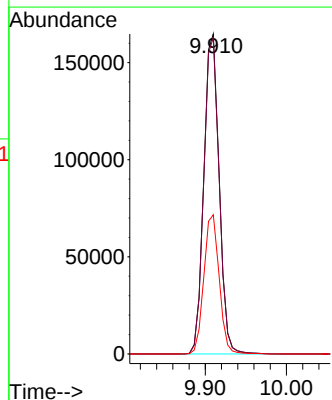
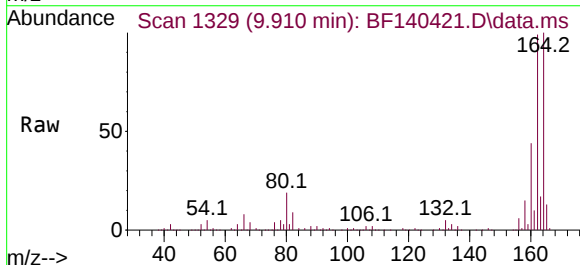
Instrument :
BNA_F
ClientSampleId :
BP-F-2

Tgt Ion: 82 Resp: 682275
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Tgt Ion:164 Resp: 215698
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 141.226 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

BP-F-2

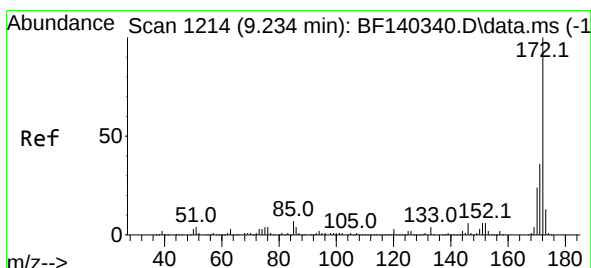
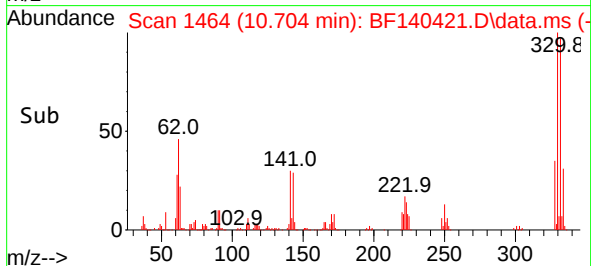
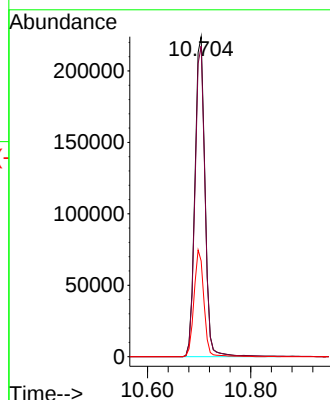
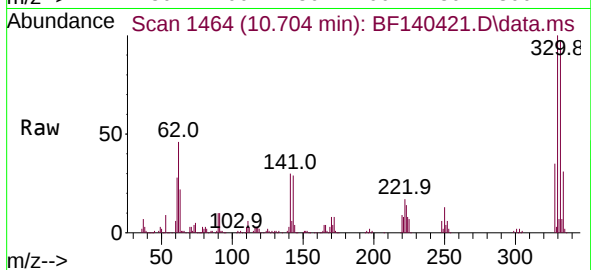
Tgt Ion:330 Resp: 302922

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

141 32.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 93.828 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

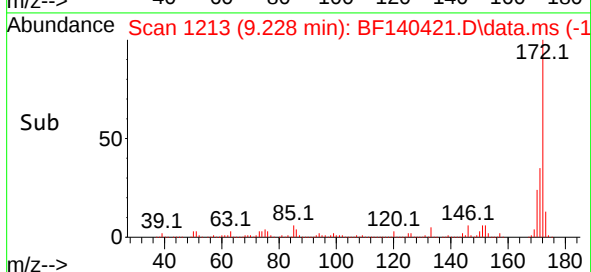
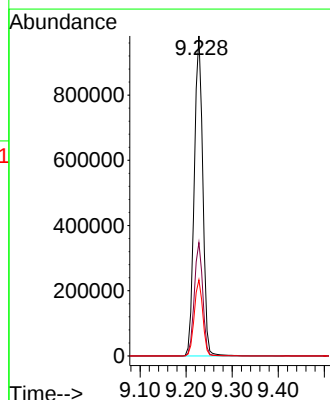
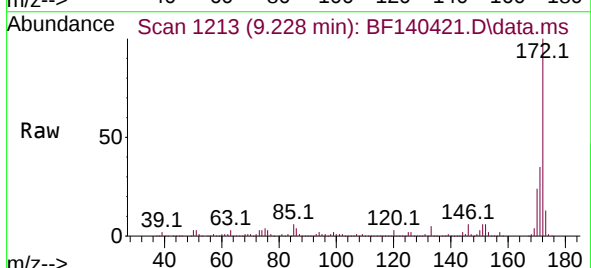
Tgt Ion:172 Resp: 1258973

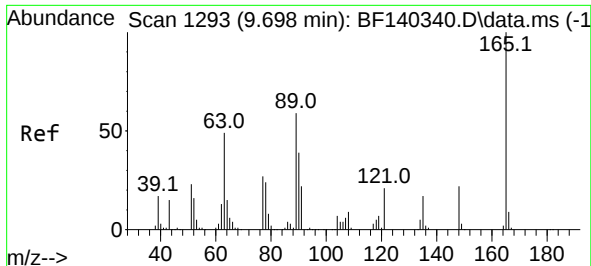
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.8 19.1 28.7

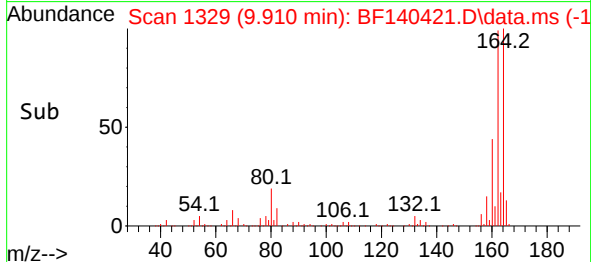
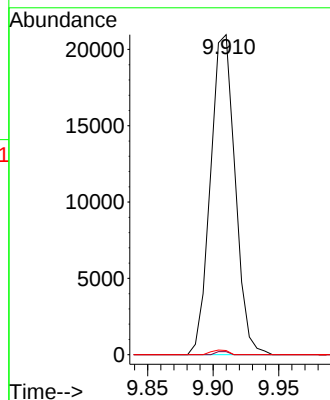
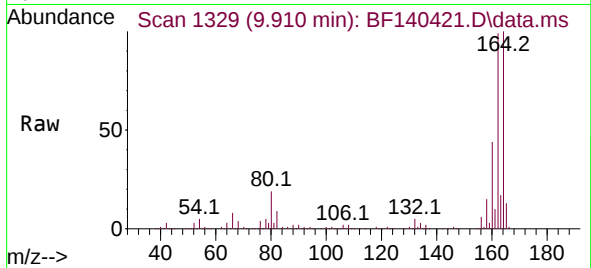




#51
2,6-Dinitrotoluene
Concen: 8.551 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

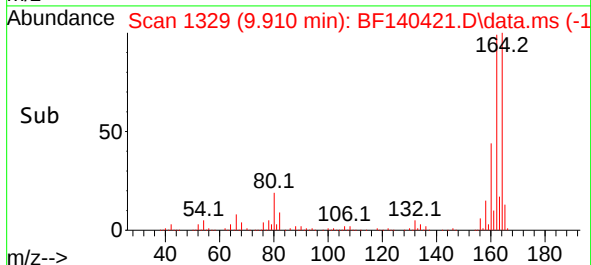
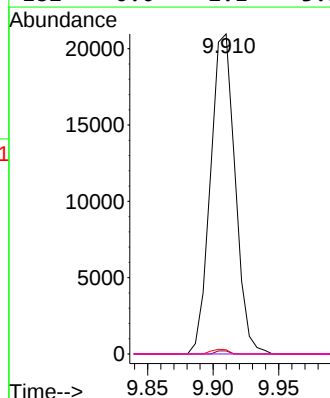
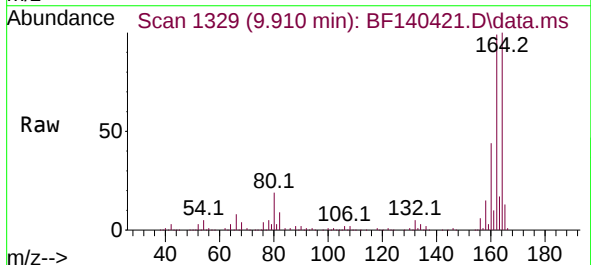
Instrument :
BNA_F
ClientSampleId :
BP-F-2

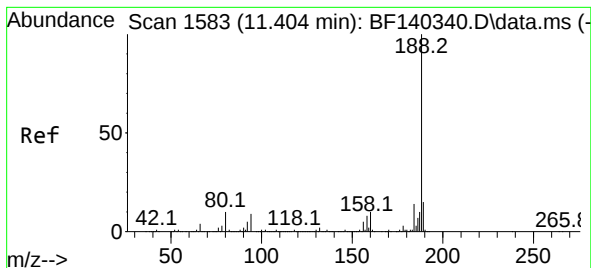
Tgt Ion:165 Resp: 27408
Ion Ratio Lower Upper
165 100
63 1.0 47.6 71.4#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.497 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

Tgt Ion:165 Resp: 27408
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

Instrument :

BNA_F

ClientSampleId :

BP-F-2

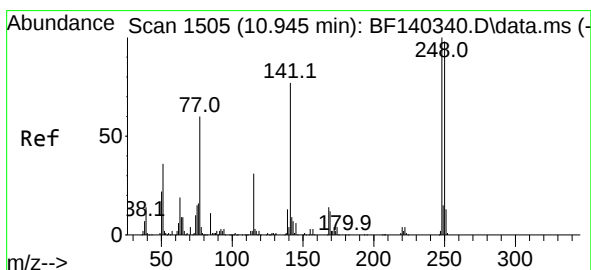
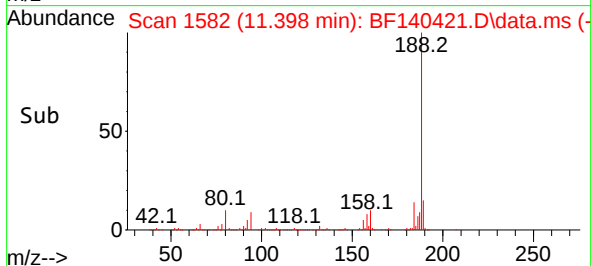
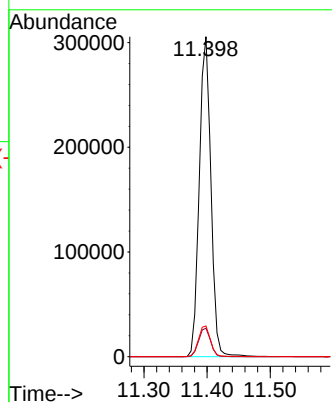
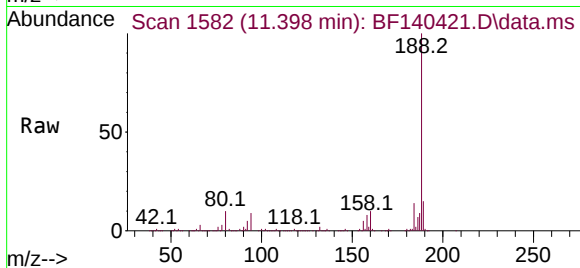
Tgt Ion:188 Resp: 390242

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.6 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.854 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140421.D

Acq: 16 Nov 2024 11:27

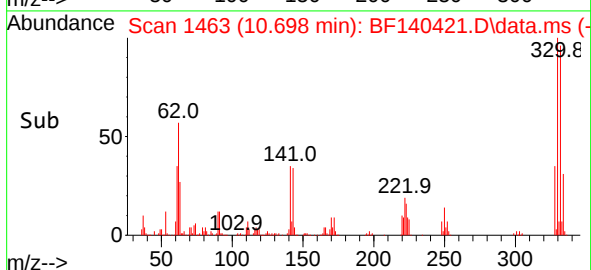
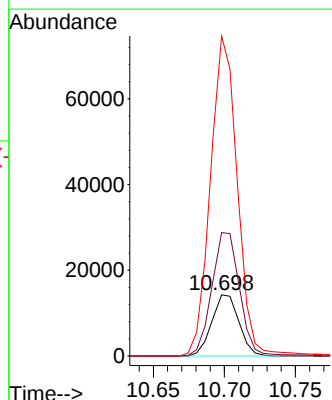
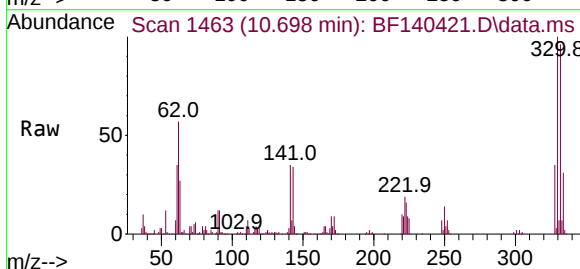
Tgt Ion:248 Resp: 18934

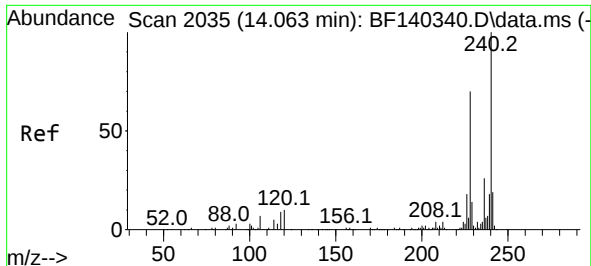
Ion Ratio Lower Upper

248 100

250 201.8 77.9 116.9#

141 523.5 61.8 92.6#

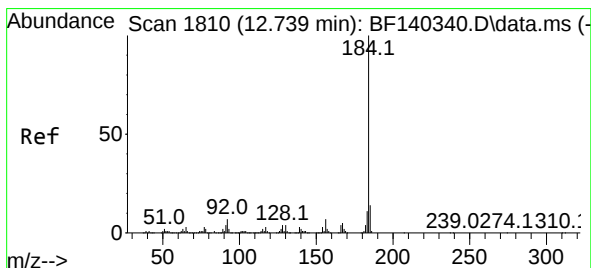
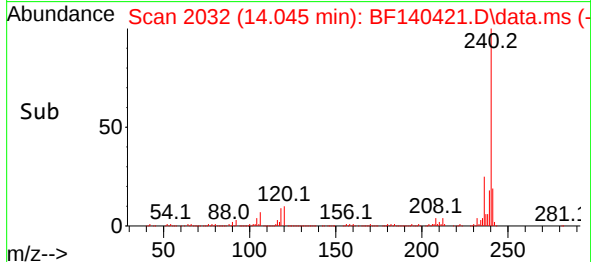
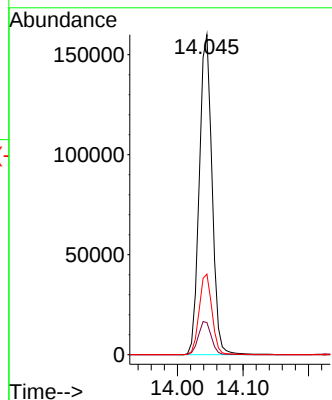
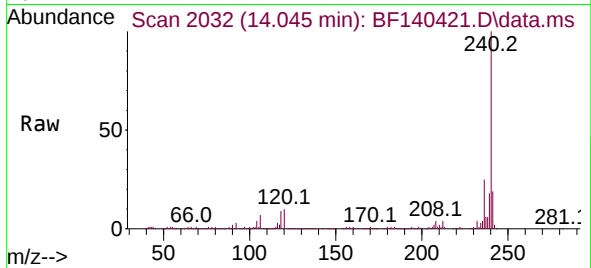




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

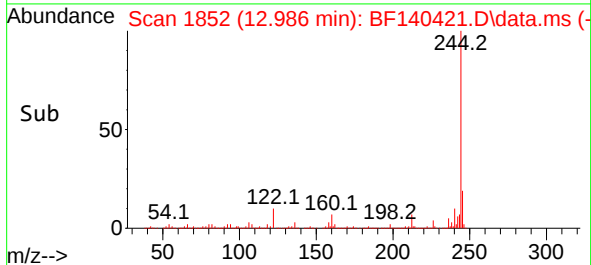
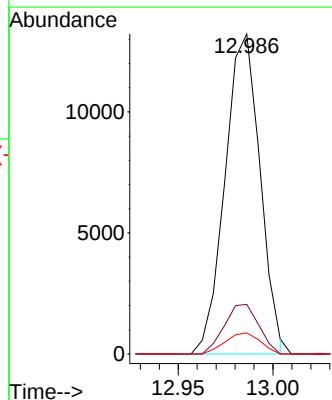
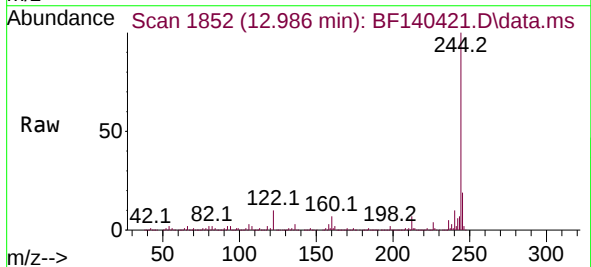
Instrument :
BNA_F
ClientSampleId :
BP-F-2

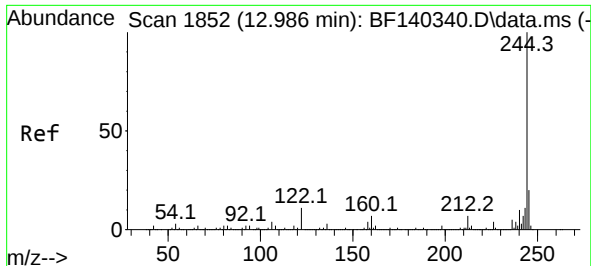
Tgt Ion:240 Resp: 216436
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.2 20.9 31.3



#77
Benzidine
Concen: 2.046 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140421.D
Acq: 16 Nov 2024 11:27

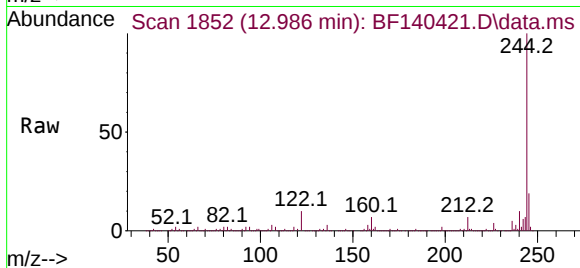
Tgt Ion:184 Resp: 16992
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 6.6 8.6 13.0#



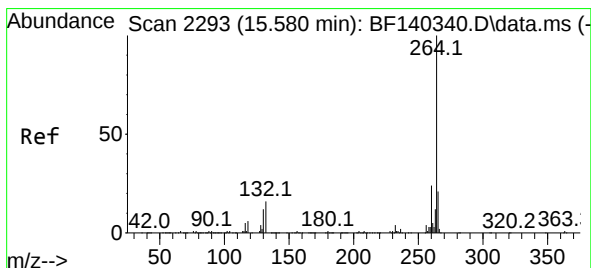
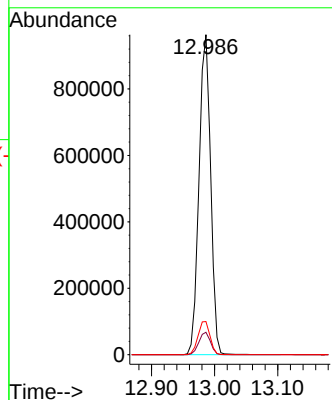
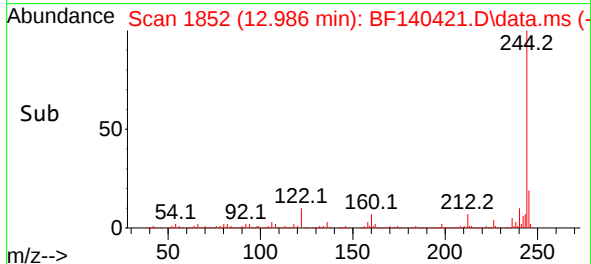


#79
 Terphenyl-d14
 Concen: 98.735 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140421.D
 Acq: 16 Nov 2024 11:27

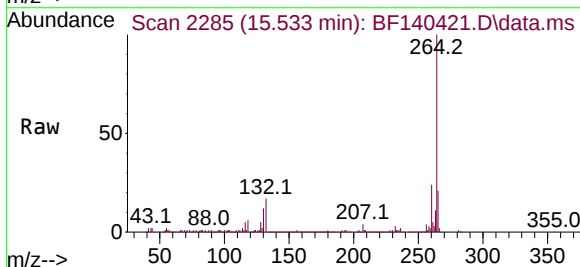
Instrument :
 BNA_F
 ClientSampleId :
 BP-F-2



Tgt Ion:244 Resp: 1231121
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140421.D
 Acq: 16 Nov 2024 11:27



Tgt Ion:264 Resp: 220104
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.1 17.1 25.7

