

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140146.D
 Acq On : 30 Oct 2024 07:16
 Operator : RC/JU
 Sample : P4597-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-1

Quant Time: Oct 30 07:43:04 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)

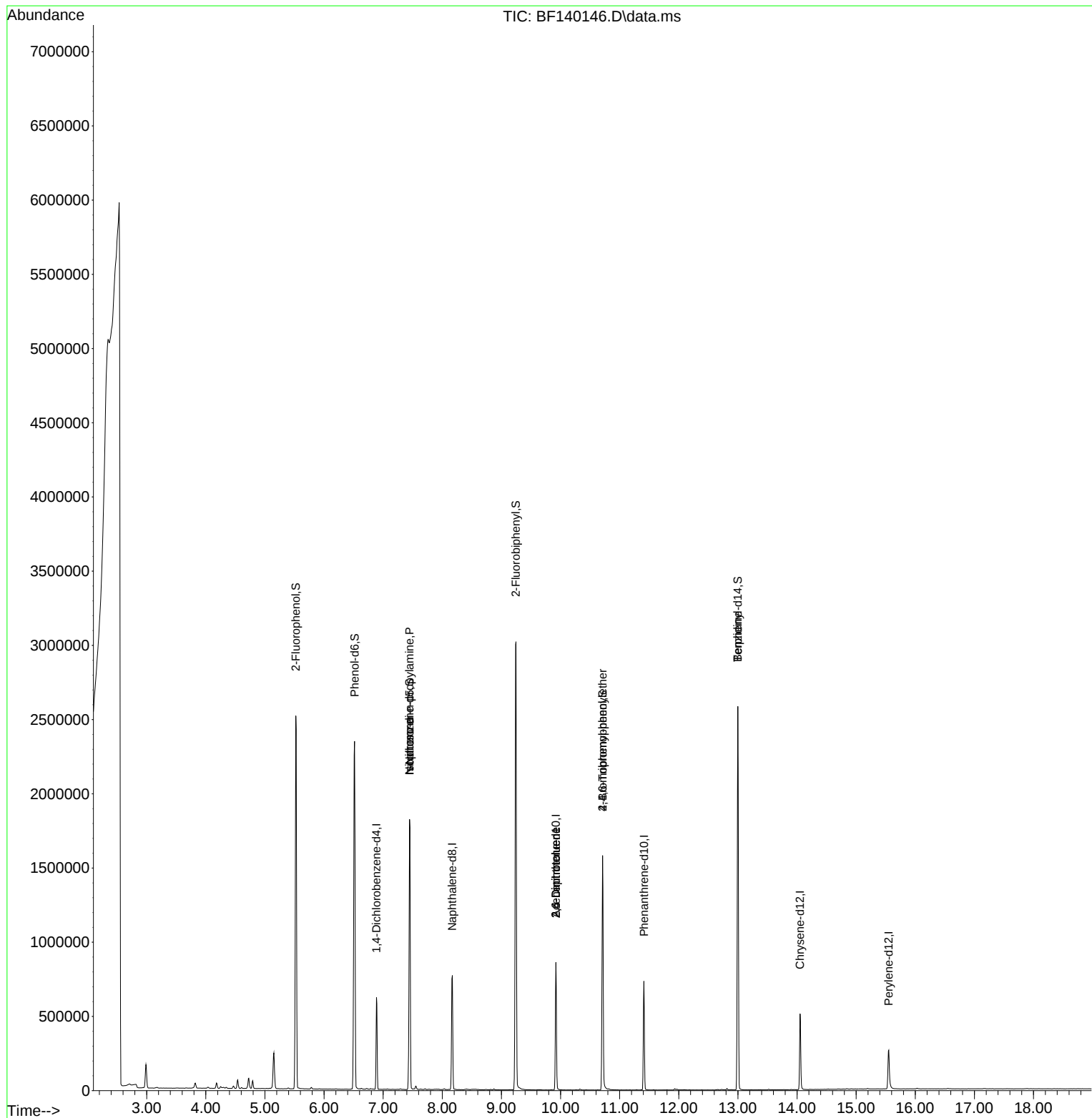
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125255	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	494193	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	259403	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	388146	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254130	20.000	ng	0.00
86) Perylene-d12	15.551	264	185387	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	981496	122.671	ng	0.02
7) Phenol-d6	6.516	99	1210196	116.785	ng	0.00
23) Nitrobenzene-d5	7.445	82	854374	95.818	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	275938	113.724	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1513483	96.426	ng	0.00
79) Terphenyl-d14	12.998	244	1323767	84.880	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	119120	18.953	ng	# 77
25) Isophorone	7.445	82	849230	50.180	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	32974	9.425	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	32974	7.664	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	18248	4.564	ng	# 1
77) Benzidine	12.998	184	16982	4.064	ng	# 92

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

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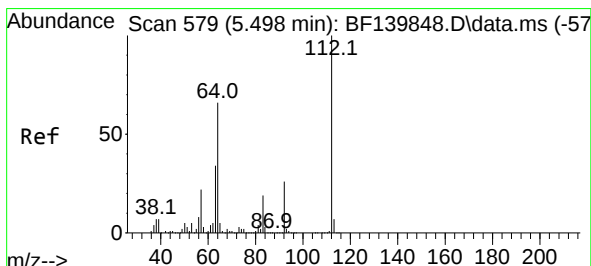
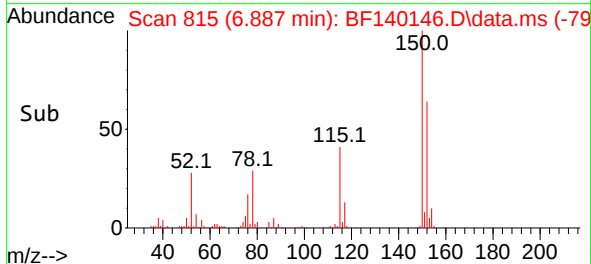
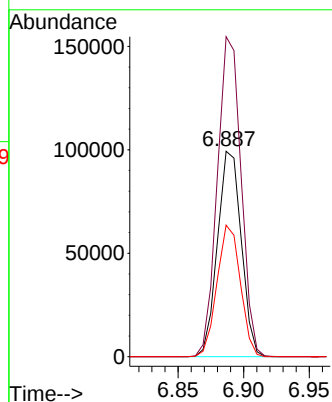
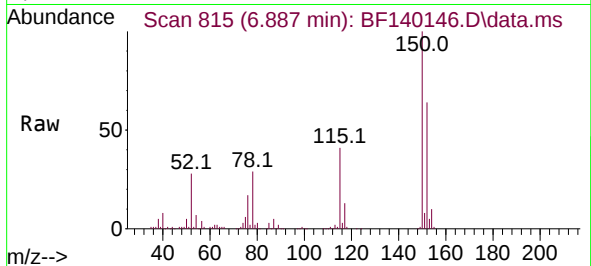




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

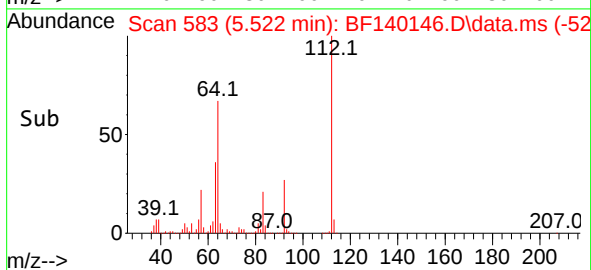
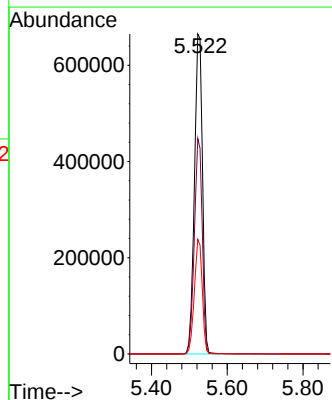
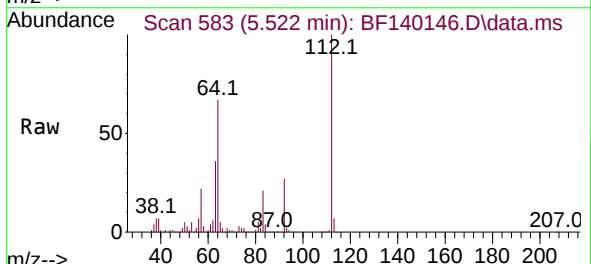
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

Tgt Ion:152 Resp: 125255
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 122.671 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion:112 Resp: 981496
Ion Ratio Lower Upper
112 100
64 67.4 53.0 79.6
63 35.8 27.0 40.4

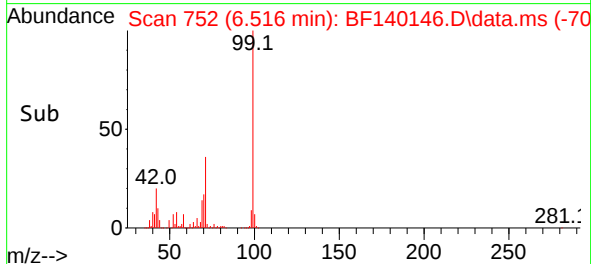
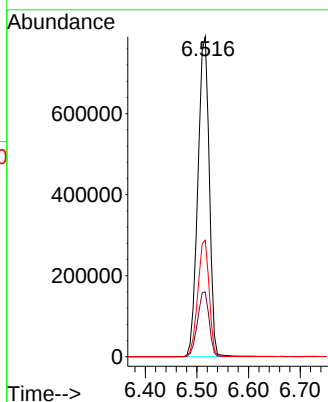
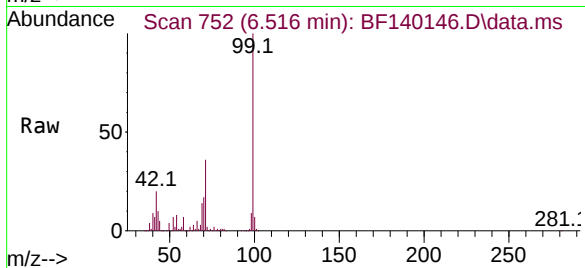




#7
Phenol-d6
Concen: 116.785 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

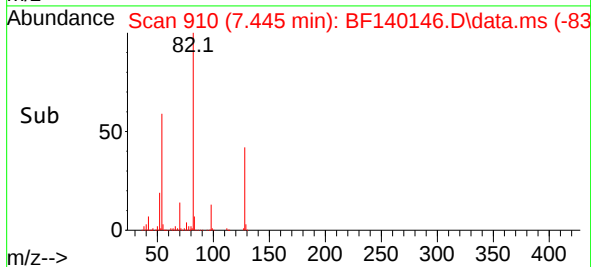
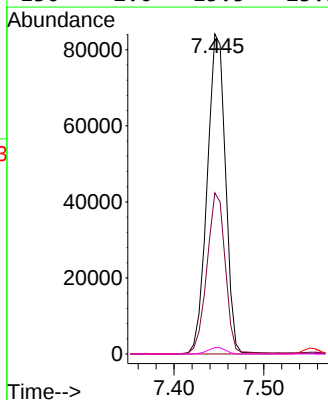
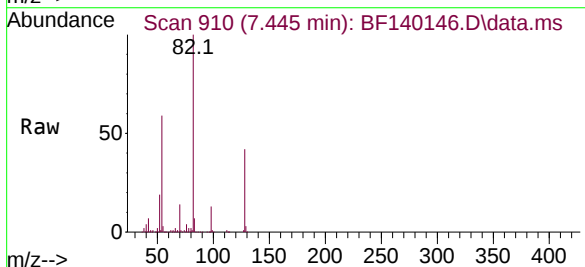
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

Tgt Ion: 99 Resp: 1210196
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 36.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.953 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion: 70 Resp: 119120
Ion Ratio Lower Upper
70 100
42 50.3 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



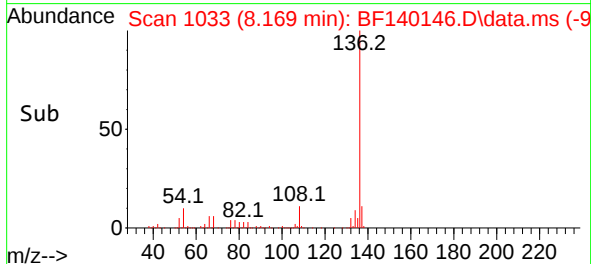
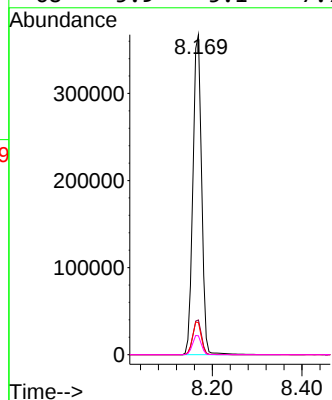
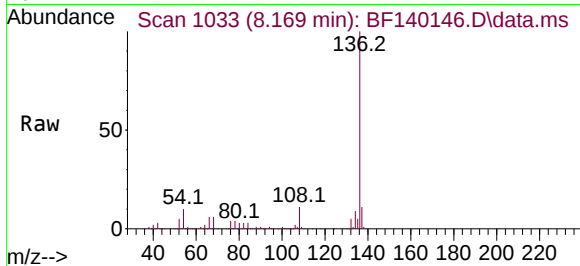


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

Tgt Ion:136 Resp: 494193

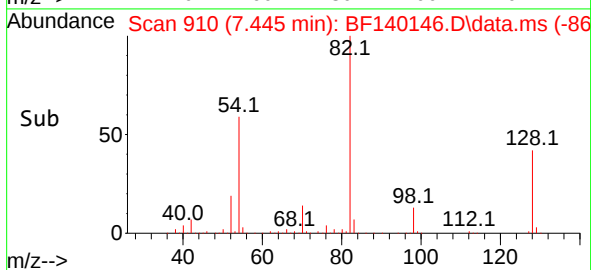
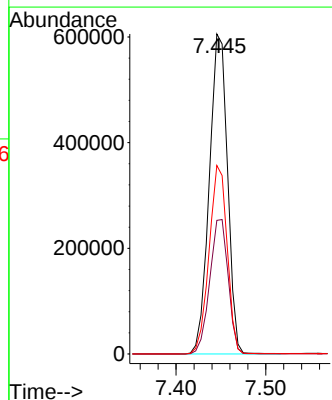
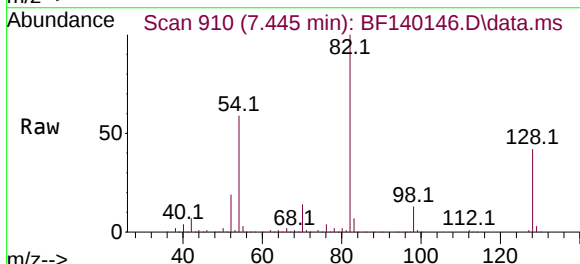
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.4	12.6
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 95.818 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion: 82 Resp: 854374

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	58.9	47.8	71.8

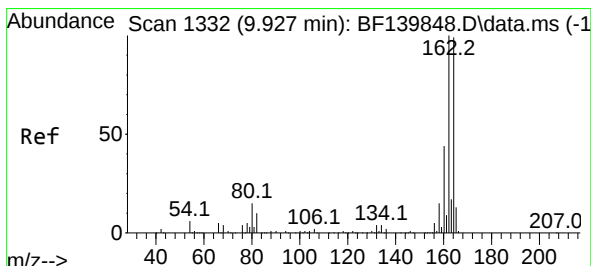
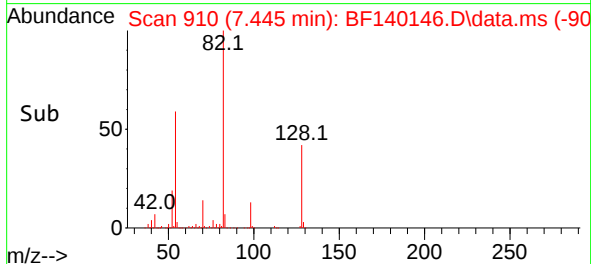
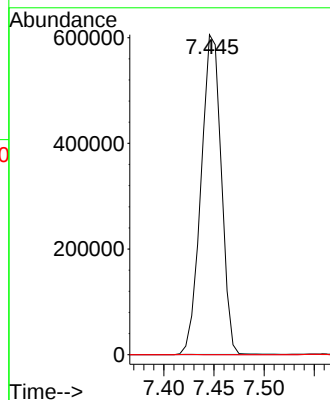
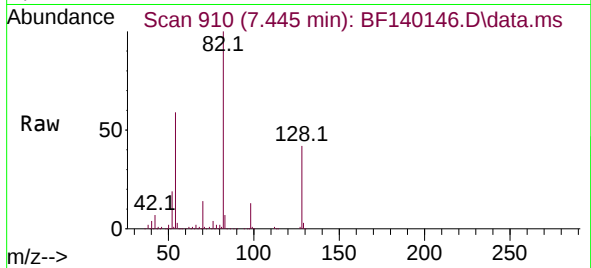




#25
Isophorone
Concen: 50.180 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

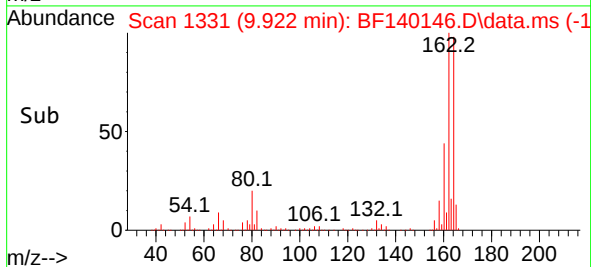
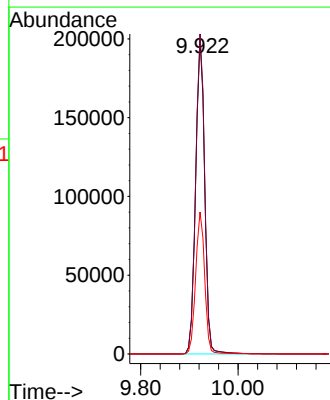
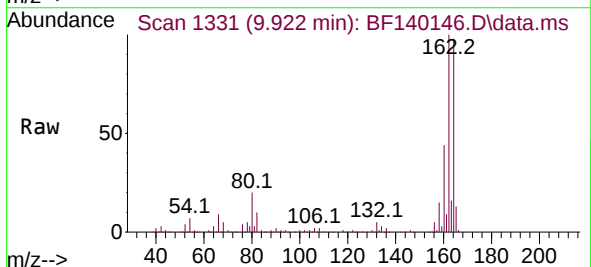
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

Tgt Ion: 82 Resp: 849230
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: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion: 164 Resp: 259403
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 113.724 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

Instrument :

BNA_F

ClientSampleId :

BLUE-2-1

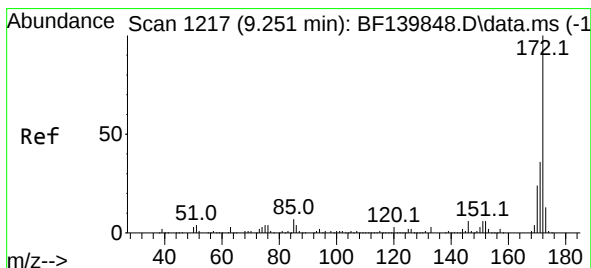
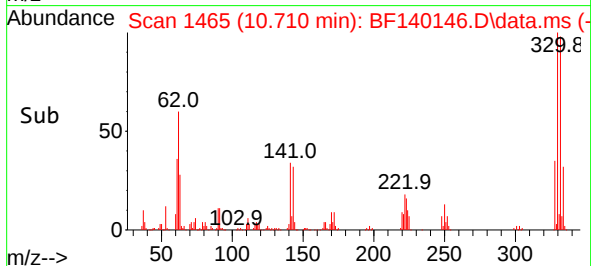
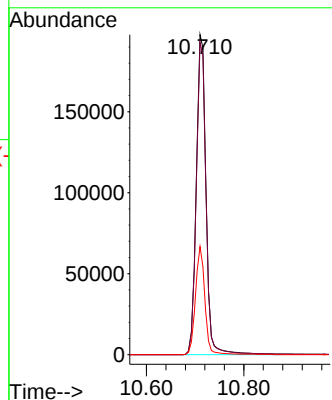
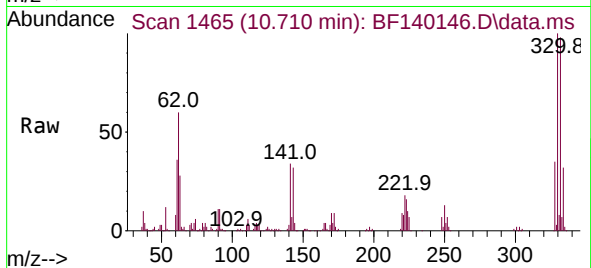
Tgt Ion:330 Resp: 275938

Ion Ratio Lower Upper

330 100

332 97.9 78.1 117.1

141 32.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 96.426 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

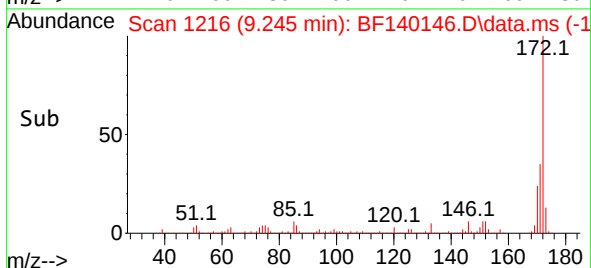
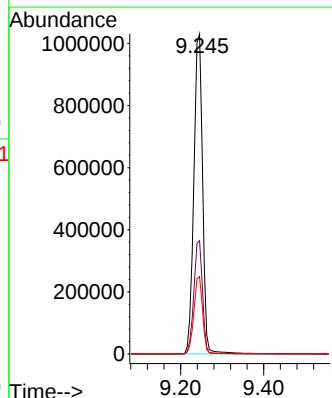
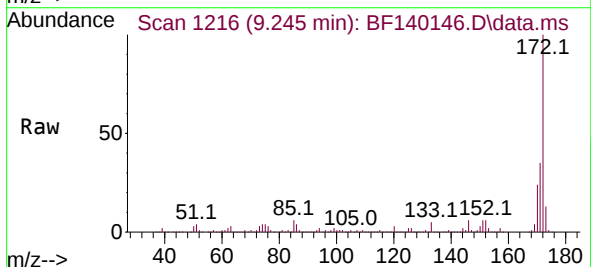
Tgt Ion:172 Resp: 1513483

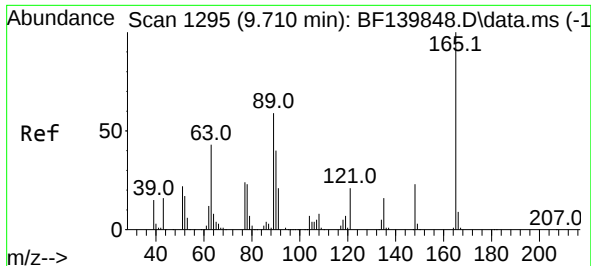
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 24.2 19.1 28.7

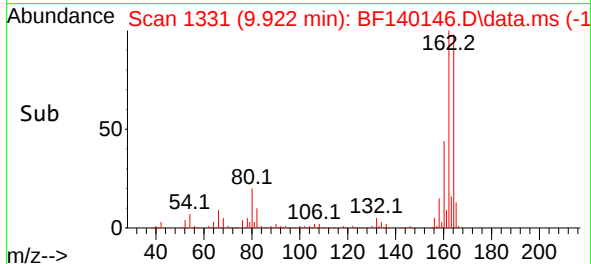
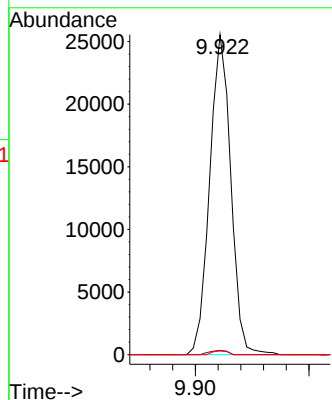
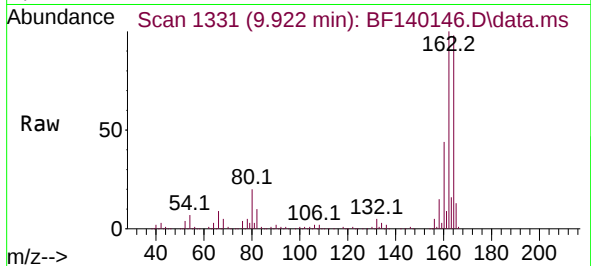




#51
2,6-Dinitrotoluene
Concen: 9.425 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

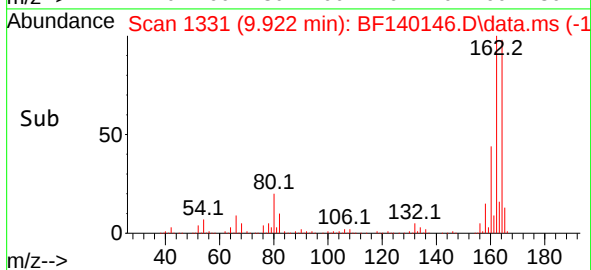
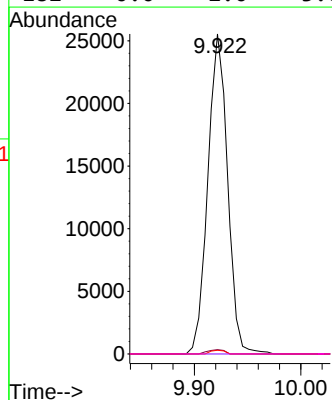
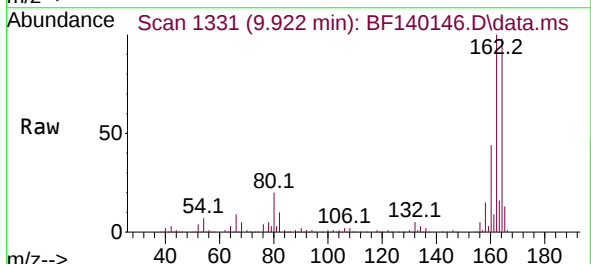
Instrument :
BNA_F
ClientSampleId :
BLUE-2-1

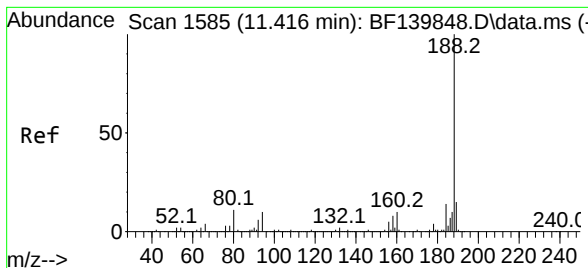
Tgt Ion:165 Resp: 32974
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.664 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140146.D
Acq: 30 Oct 2024 07:16

Tgt Ion:165 Resp: 32974
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

Instrument :

BNA_F

ClientSampleId :

BLUE-2-1

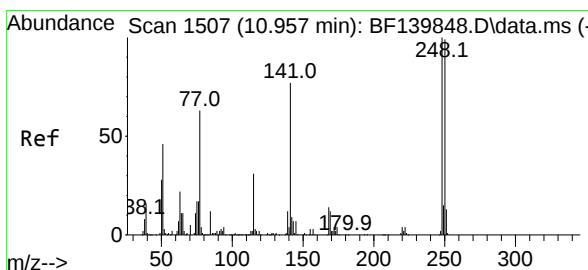
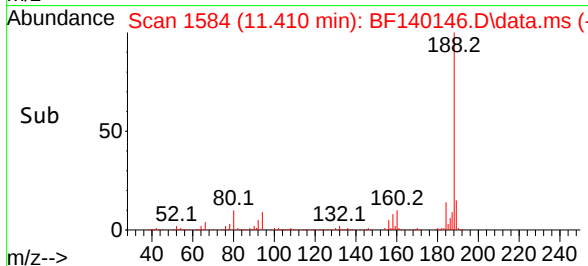
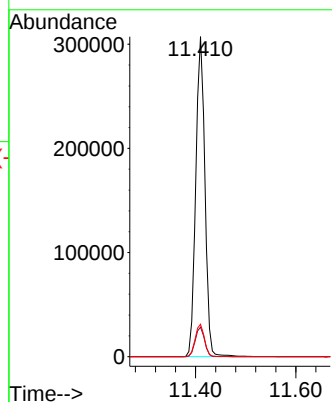
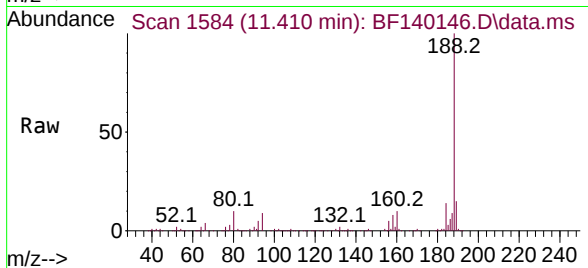
Tgt Ion:188 Resp: 388146

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.564 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

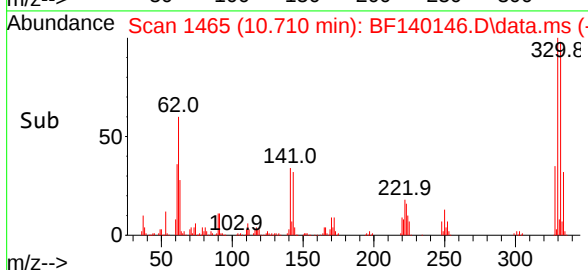
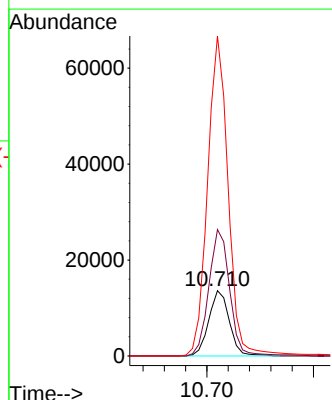
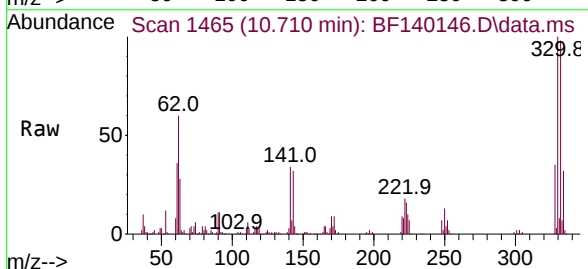
Tgt Ion:248 Resp: 18248

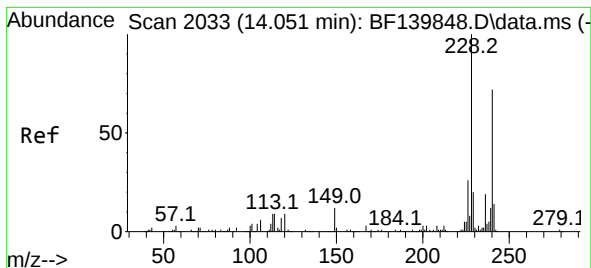
Ion Ratio Lower Upper

248 100

250 193.5 79.0 118.6#

141 490.0 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

Instrument :

BNA_F

ClientSampleId :

BLUE-2-1

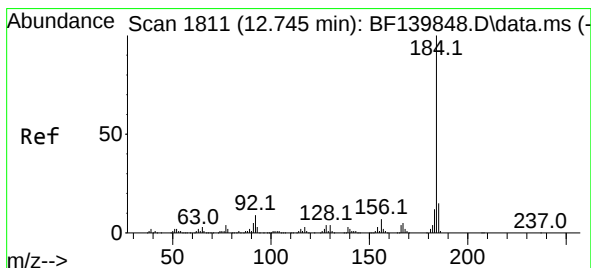
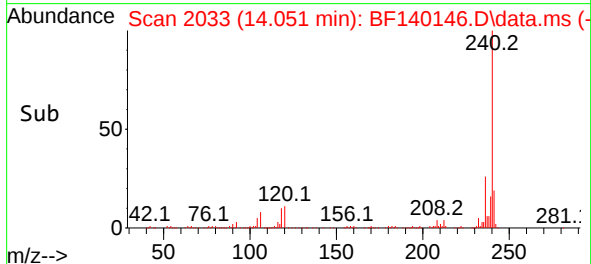
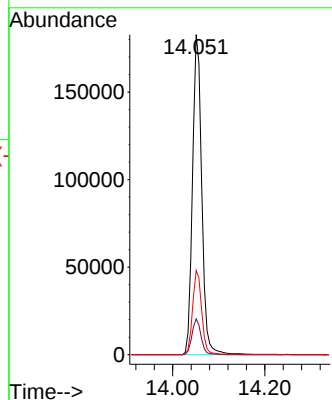
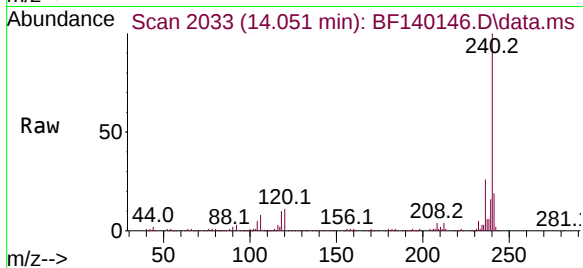
Tgt Ion:240 Resp: 254130

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.3 20.9 31.3



#77

Benzdine

Concen: 4.064 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140146.D

Acq: 30 Oct 2024 07:16

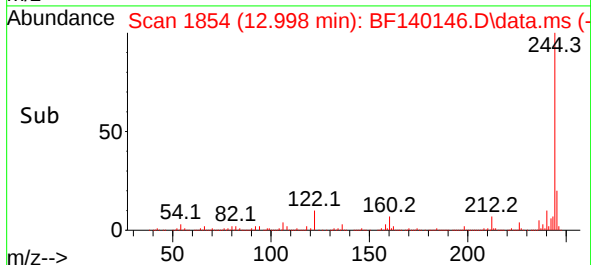
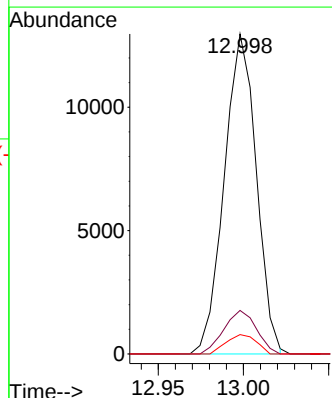
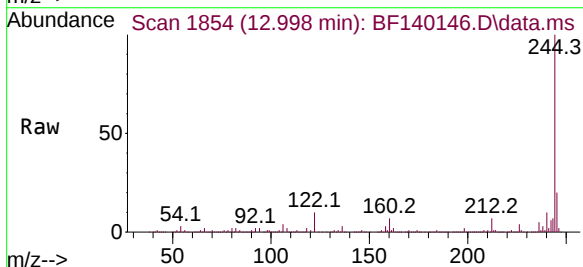
Tgt Ion:184 Resp: 16982

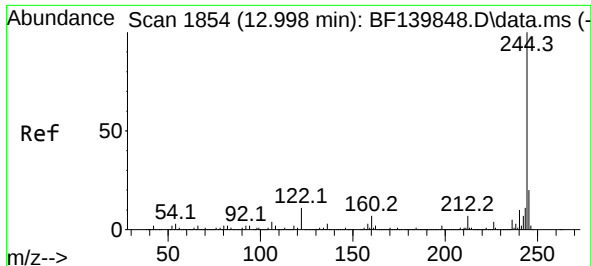
Ion Ratio Lower Upper

184 100

185 13.6 12.0 18.0

183 6.1 9.4 14.2#

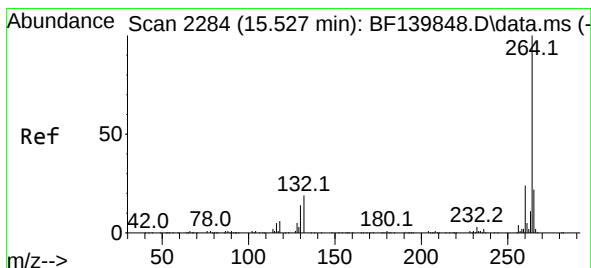
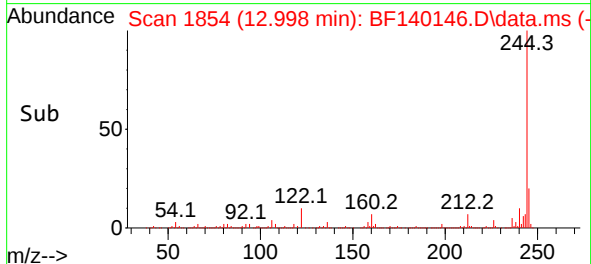
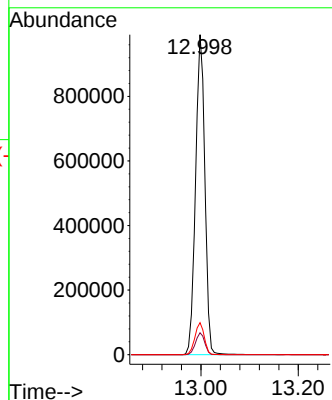
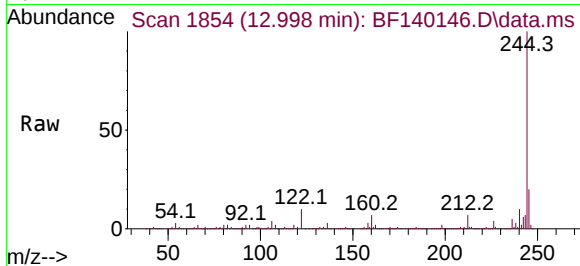




#79
 Terphenyl-d14
 Concen: 84.880 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140146.D
 Acq: 30 Oct 2024 07:16

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-1

Tgt Ion:244 Resp: 1323767
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.0 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. 0.024 min
 Lab File: BF140146.D
 Acq: 30 Oct 2024 07:16

Tgt Ion:264 Resp: 185387
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.0 17.4 26.0

