

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140147.D
 Acq On : 30 Oct 2024 07:42
 Operator : RC/JU
 Sample : P4597-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLUE-2-2

Quant Time: Oct 30 08:07:33 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)

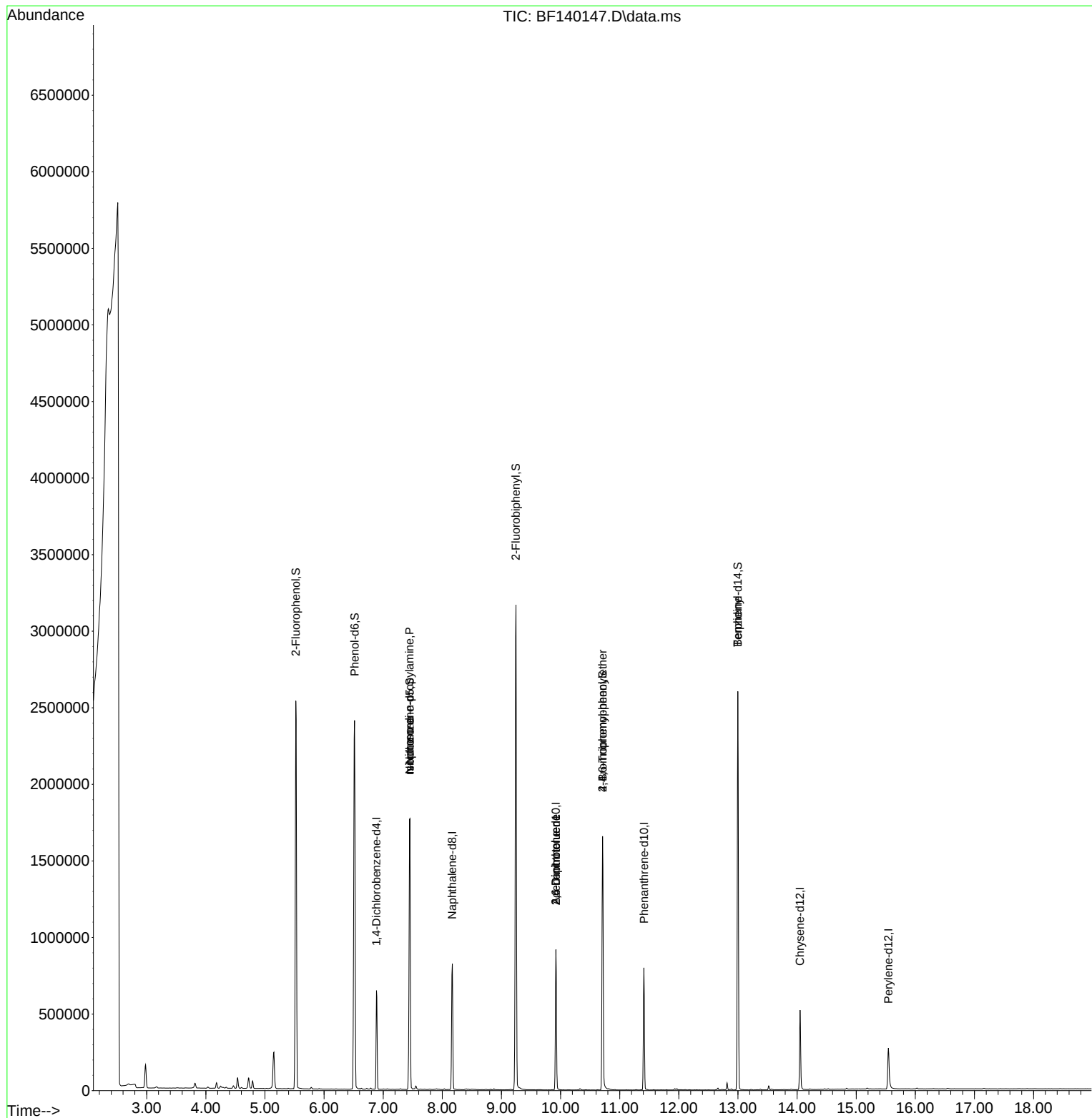
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	126490	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	510371	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	276124	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	417496	20.000	ng	0.00
76) Chrysene-d12	14.051	240	254690	20.000	ng	0.00
86) Perylene-d12	15.545	264	188174	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	995657	123.226	ng	0.02
7) Phenol-d6	6.516	99	1240188	118.511	ng	0.00
23) Nitrobenzene-d5	7.451	82	867477	94.203	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	294778	114.132	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1528805	91.504	ng	0.00
79) Terphenyl-d14	12.998	244	1316768	84.245	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	116942	18.425	ng	# 78
25) Isophorone	7.451	82	861736	49.305	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	35085	9.421	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	35085	7.661	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	18979	4.413	ng	# 1
77) Benzidine	12.998	184	17028	4.066	ng	# 93

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

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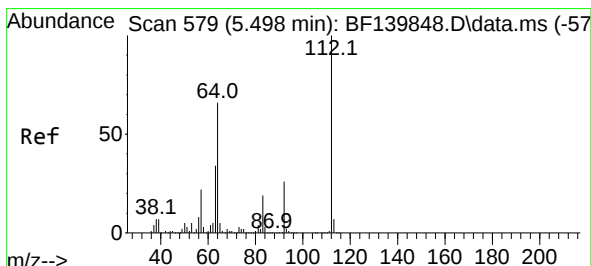
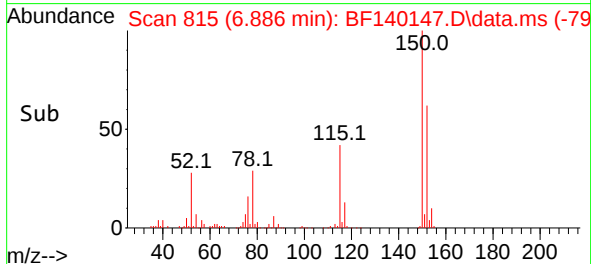
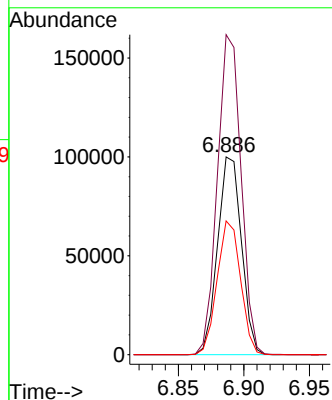
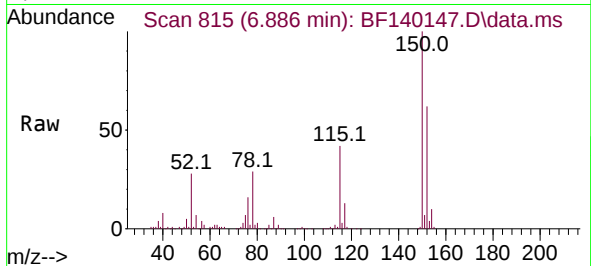




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

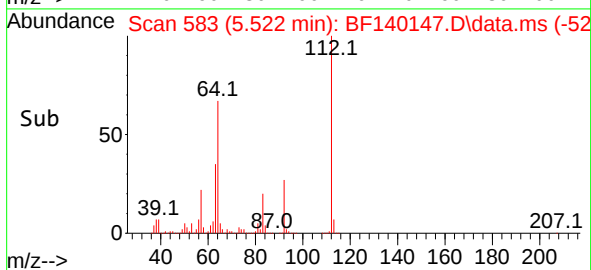
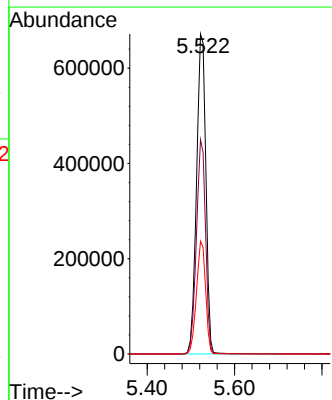
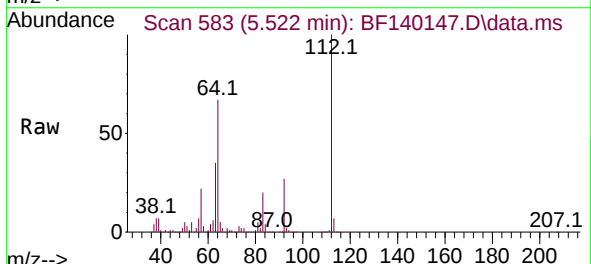
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

Tgt Ion:152 Resp: 126490
Ion Ratio Lower Upper
152 100
150 161.8 130.2 195.2
115 67.6 51.4 77.2



#5
2-Fluorophenol
Concen: 123.226 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Tgt Ion:112 Resp: 995657
Ion Ratio Lower Upper
112 100
64 67.0 53.0 79.6
63 35.3 27.0 40.4

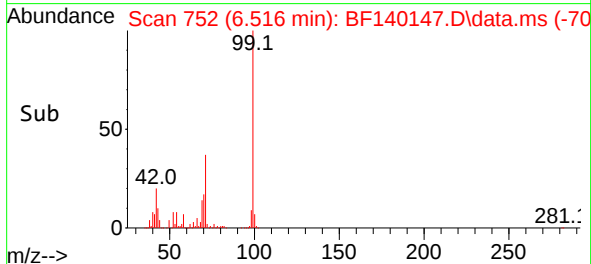
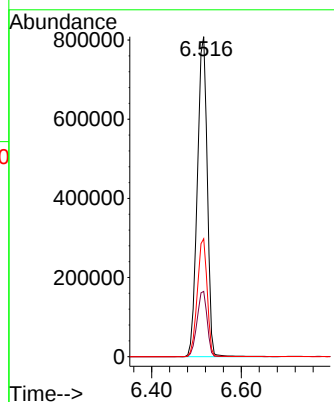
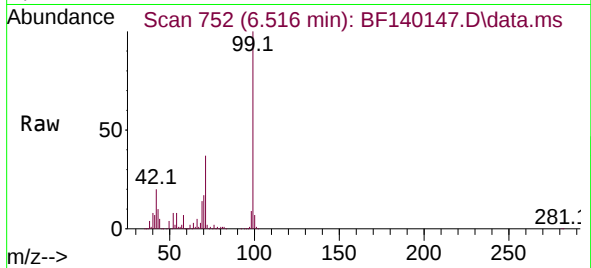




#7
Phenol-d6
Concen: 118.511 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

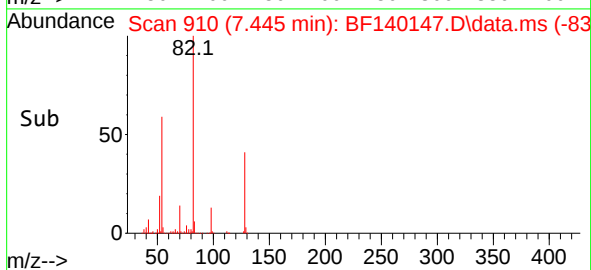
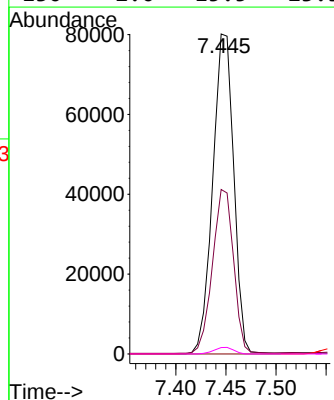
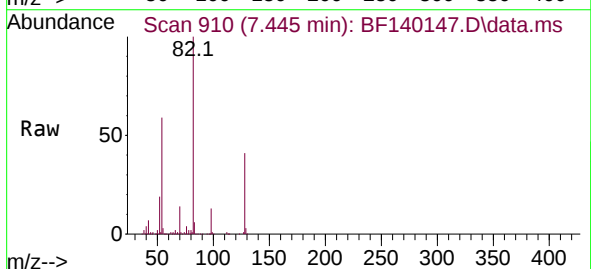
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

Tgt Ion: 99 Resp: 1240188
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 36.8 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.425 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Tgt Ion: 70 Resp: 116942
Ion Ratio Lower Upper
70 100
42 51.4 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



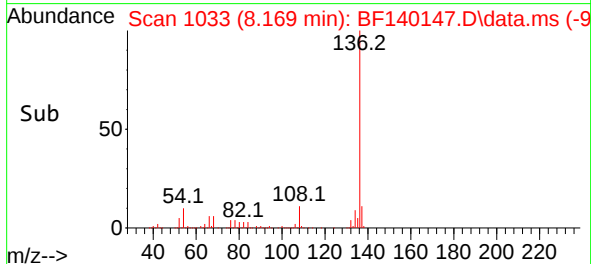
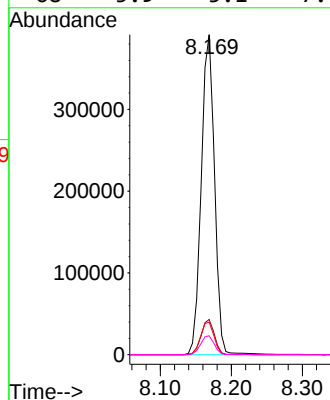
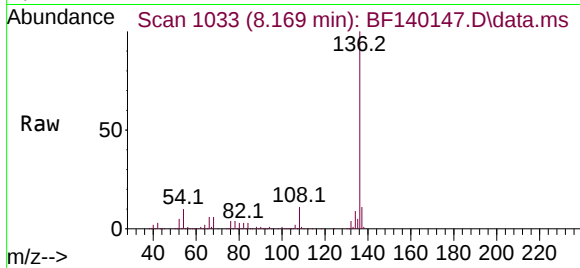


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

Tgt Ion:136 Resp: 510371

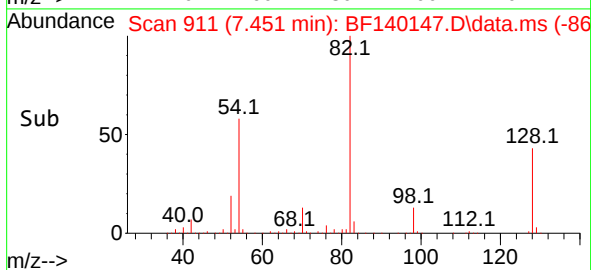
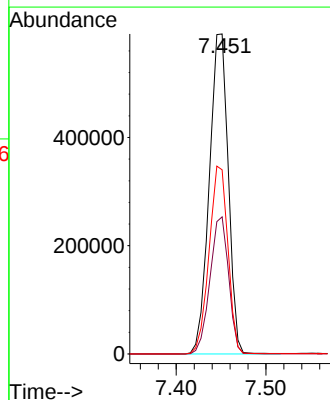
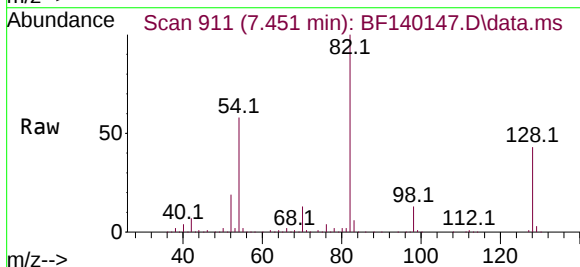
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.1	8.4	12.6
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 94.203 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Tgt Ion: 82 Resp: 867477

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.4	50.0
54	57.5	47.8	71.8

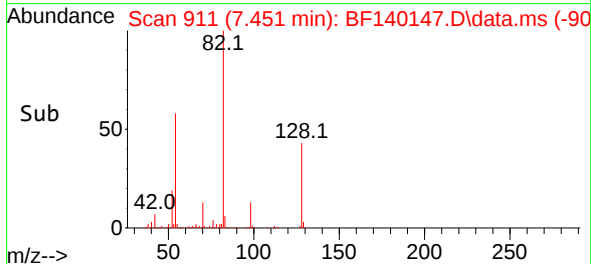
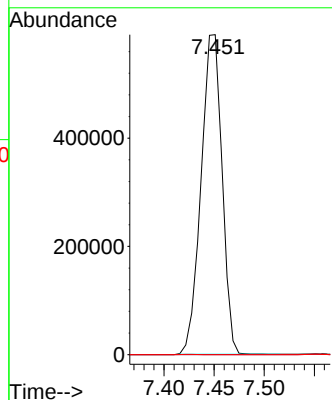
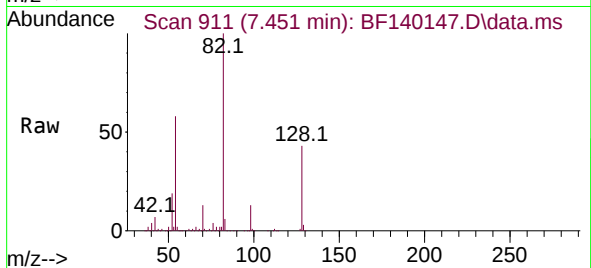




#25
Isophorone
Concen: 49.305 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

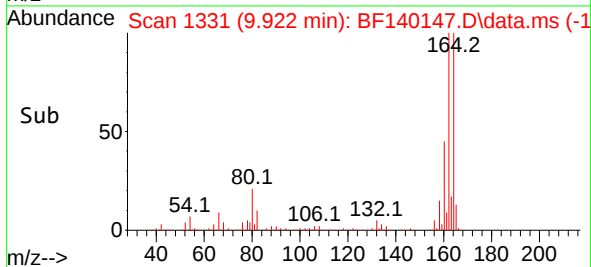
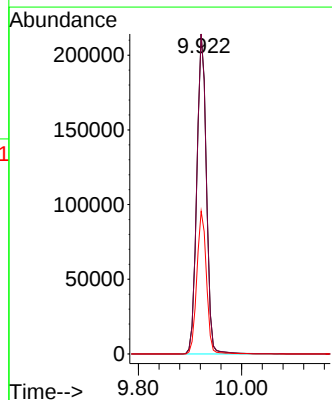
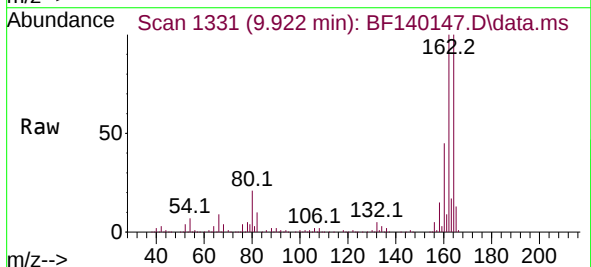
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2

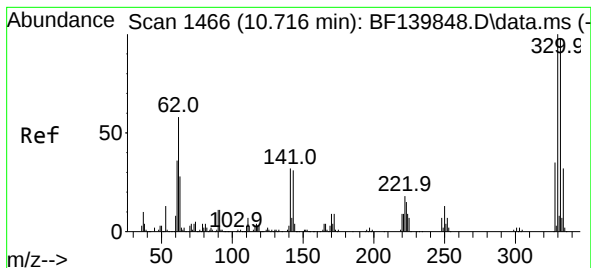
Tgt Ion: 82 Resp: 861736
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

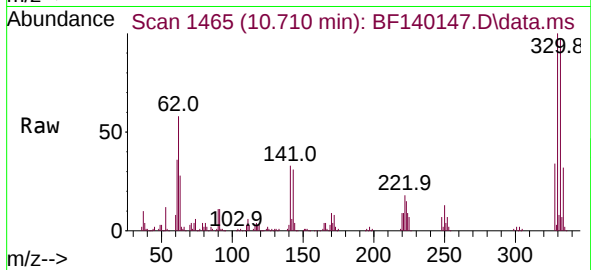
Tgt Ion:164 Resp: 276124
Ion Ratio Lower Upper
164 100
162 100.0 81.0 121.4
160 44.6 35.4 53.0



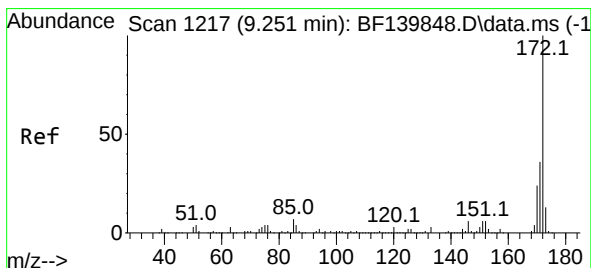
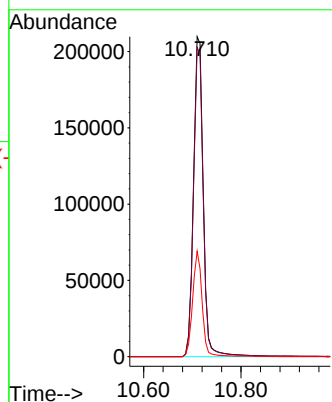
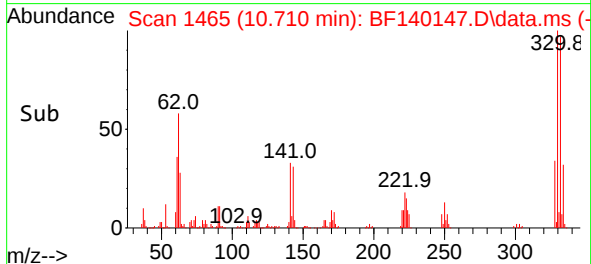


#42
2,4,6-Tribromophenol
Concen: 114.132 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

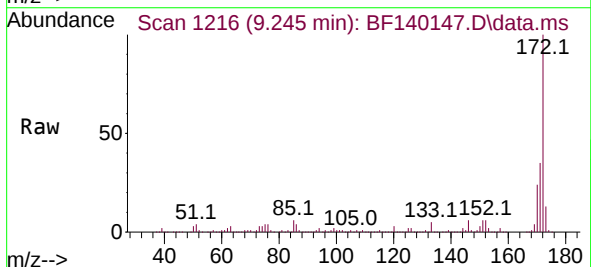
Instrument :
BNA_F
ClientSampleId :
BLUE-2-2



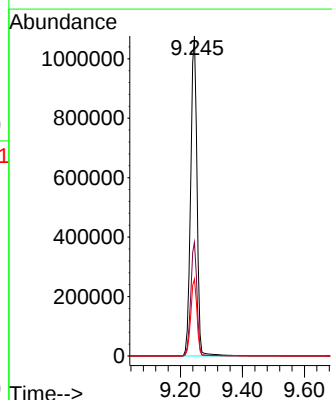
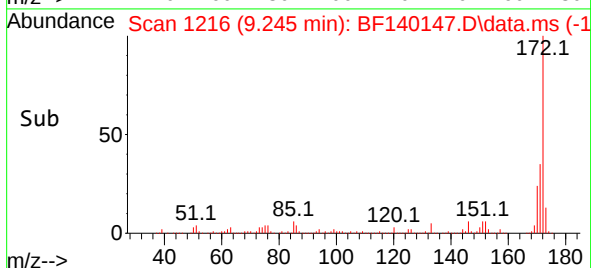
Tgt Ion: 330 Resp: 294778
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 32.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 91.504 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42



Tgt Ion: 172 Resp: 1528805
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 24.0 19.1 28.7

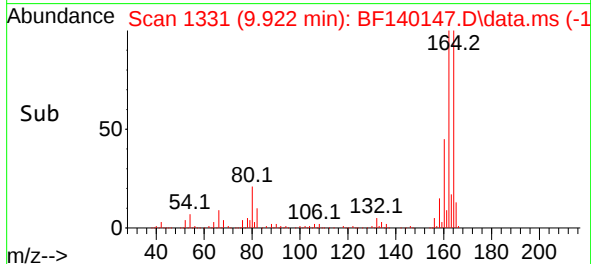
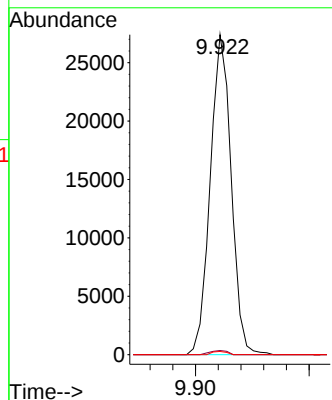
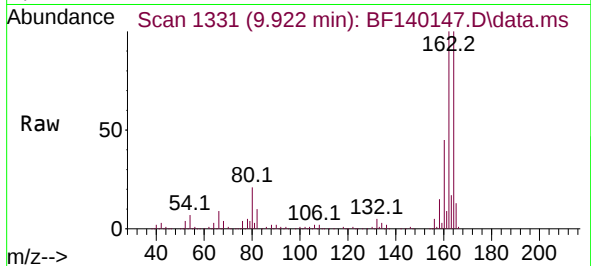




#51
2,6-Dinitrotoluene
Concen: 9.421 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

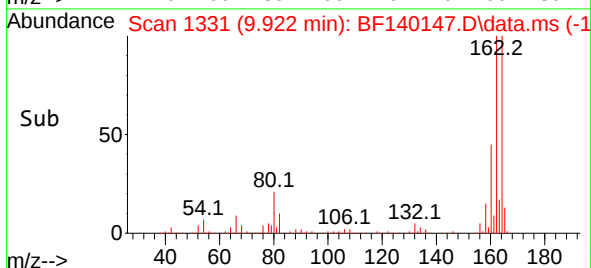
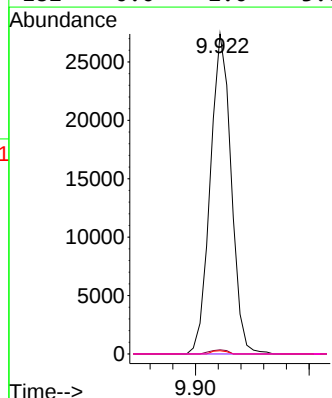
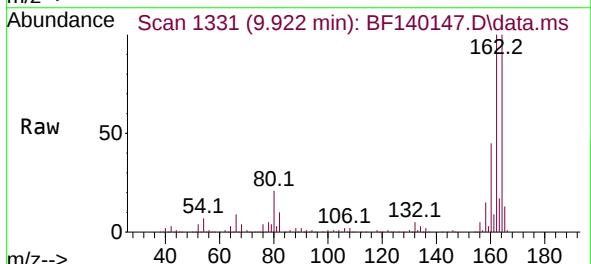
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BNA_F
ClientSampleId :
BLUE-2-2

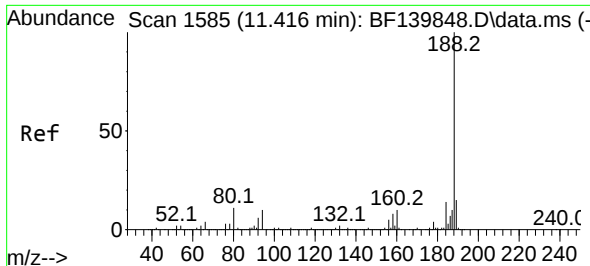
Tgt Ion:165 Resp: 35085
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.661 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Tgt Ion:165 Resp: 35085
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

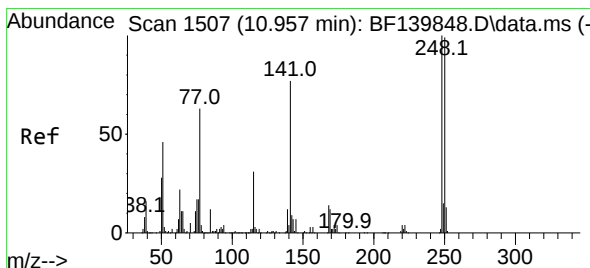
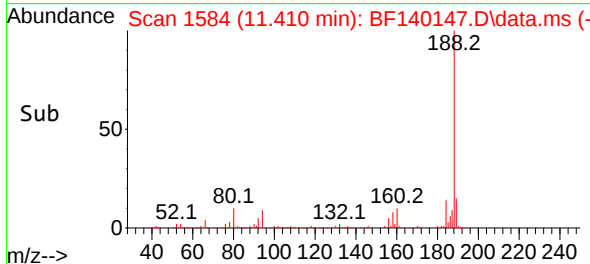
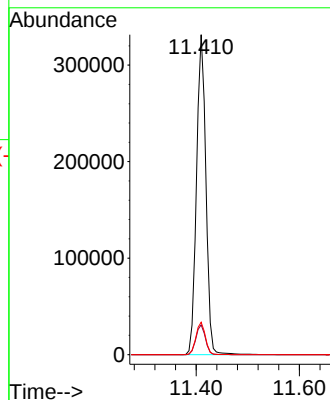
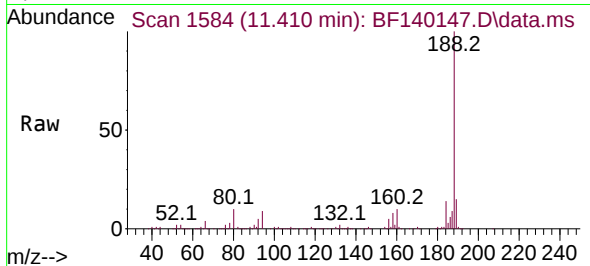




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

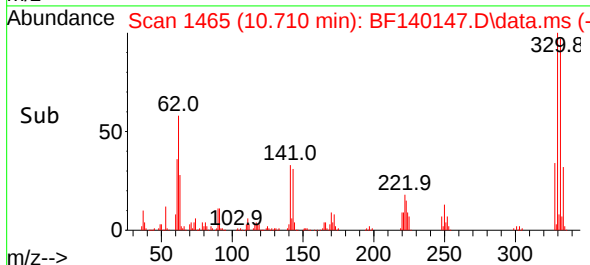
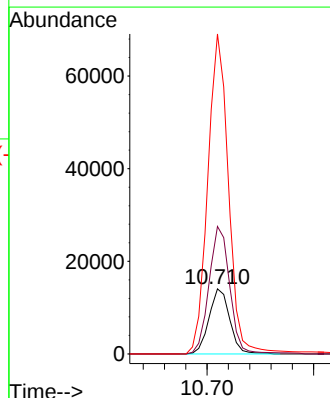
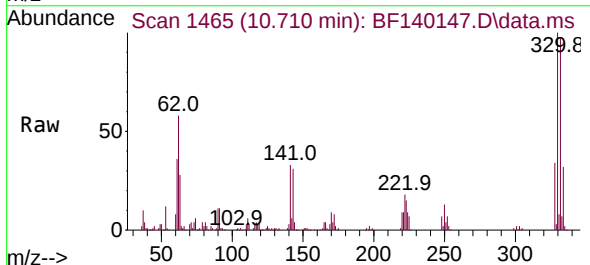
Instrument :
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BLUE-2-2

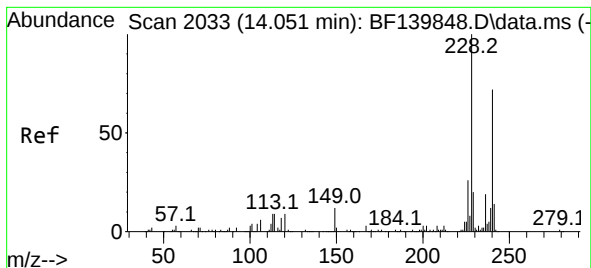
Tgt Ion:188 Resp: 417496
Ion Ratio Lower Upper
188 100
94 9.3 7.9 11.9
80 10.1 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.413 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140147.D
Acq: 30 Oct 2024 07:42

Tgt Ion:248 Resp: 18979
Ion Ratio Lower Upper
248 100
250 195.7 79.0 118.6#
141 491.2 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

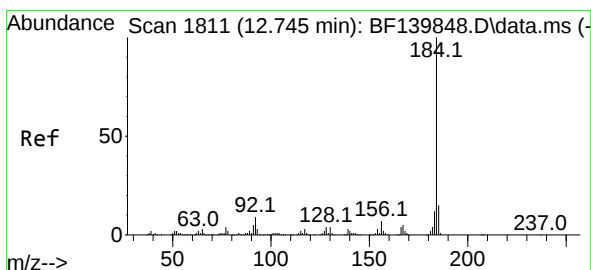
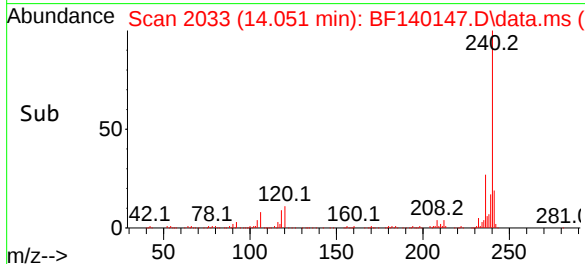
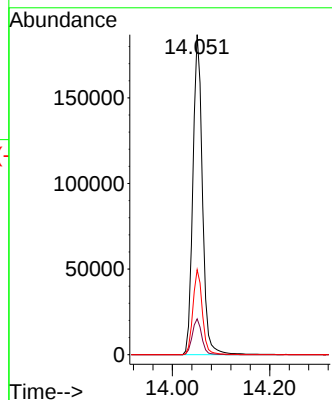
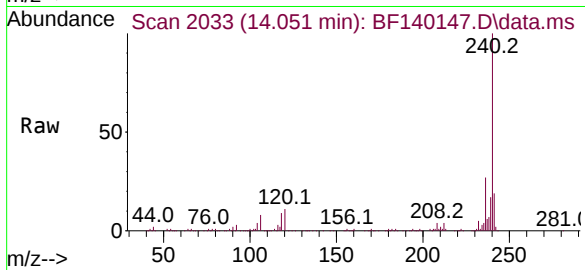
Tgt Ion:240 Resp: 254690

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.6 20.9 31.3



#77

Benzidine

Concen: 4.066 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

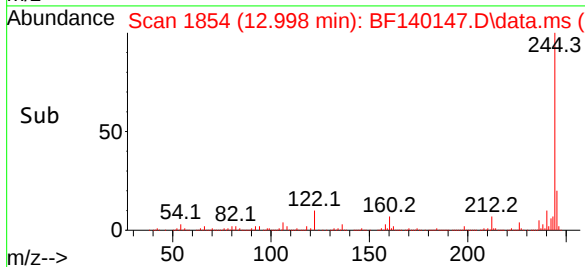
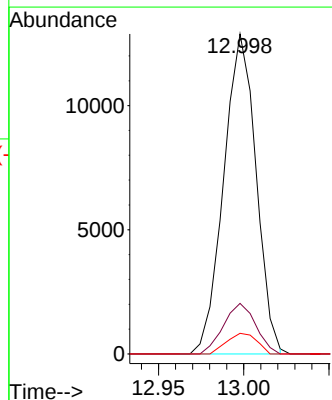
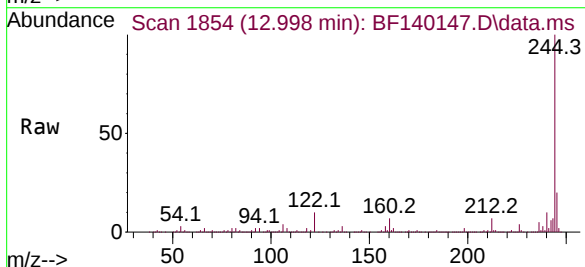
Tgt Ion:184 Resp: 17028

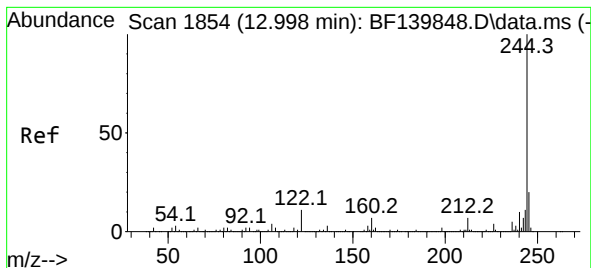
Ion Ratio Lower Upper

184 100

185 15.8 12.0 18.0

183 6.4 9.4 14.2#





#79

Terphenyl-d14

Concen: 84.245 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Instrument :

BNA_F

ClientSampleId :

BLUE-2-2

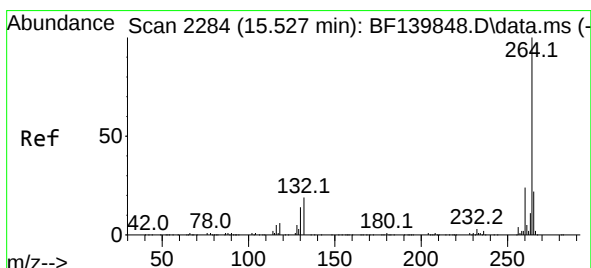
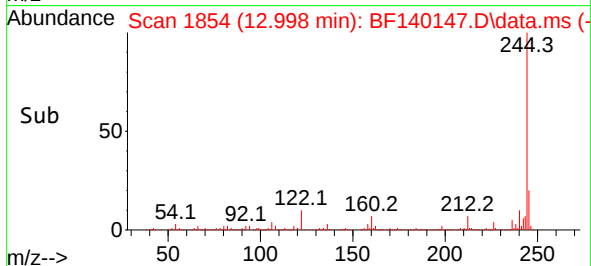
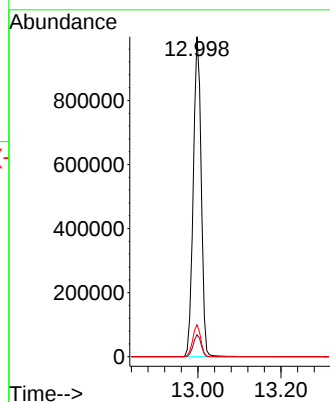
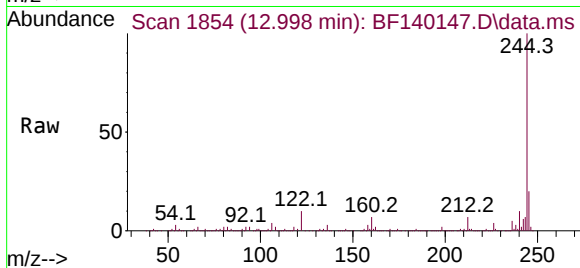
Tgt Ion:244 Resp: 1316768

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.9 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.018 min

Lab File: BF140147.D

Acq: 30 Oct 2024 07:42

Tgt Ion:264 Resp: 188174

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.5 17.4 26.0

