

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139759.D
 Acq On : 10 Oct 2024 21:18
 Operator : RC/JU
 Sample : P4375-23
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POST-1

Quant Time: Oct 10 23:20:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

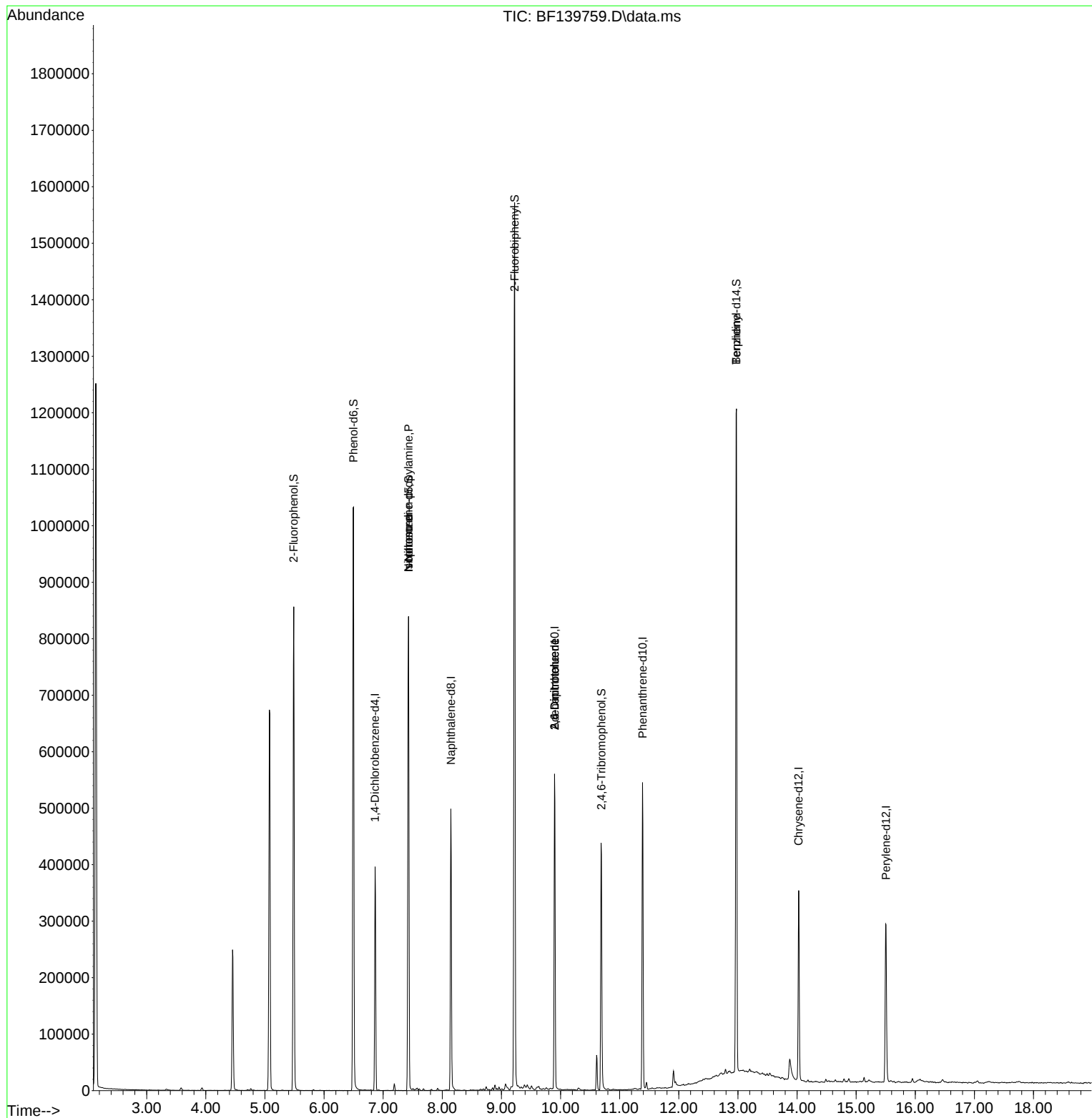
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	79316	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	299061	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	164727	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	289828	20.000	ng	0.00
76) Chrysene-d12	14.027	240	159058	20.000	ng	0.00
86) Perylene-d12	15.504	264	169305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	295829	64.646	ng	0.00
7) Phenol-d6	6.498	99	481559	78.252	ng	0.00
23) Nitrobenzene-d5	7.428	82	355064	60.111	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	71571	45.008	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	682735	63.628	ng	0.00
79) Terphenyl-d14	12.975	244	587325	60.588	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	47244	11.941	ng	# 75
25) Isophorone	7.428	82	351896	33.542	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	21159	8.686	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	21159	6.645	ng	# 18
77) Benzidine	12.975	184	8000	2.851	ng	# 93

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

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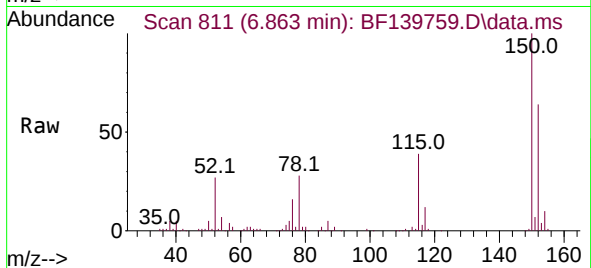
Quant Time: Oct 10 23:20:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



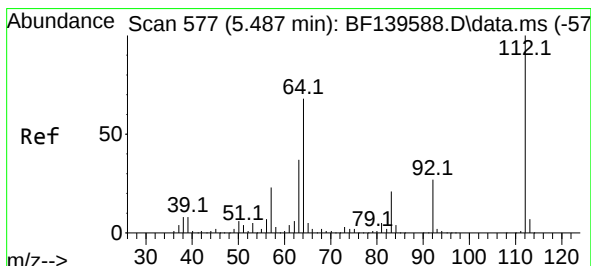
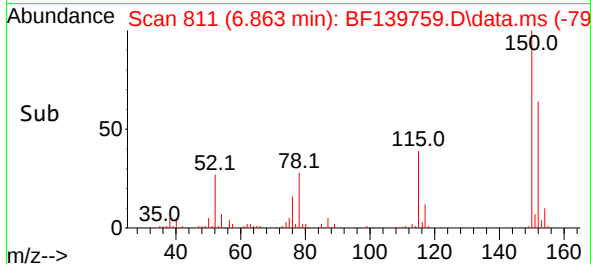
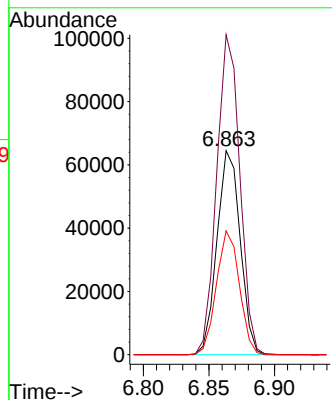


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
FENCE-POST-1

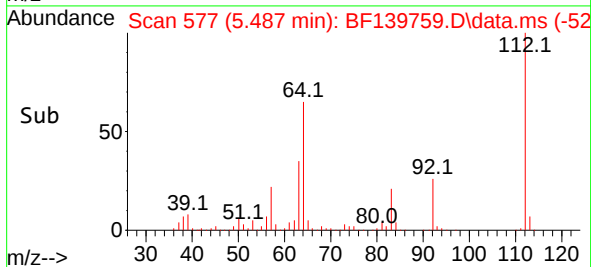
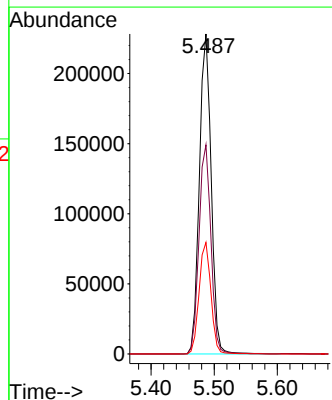
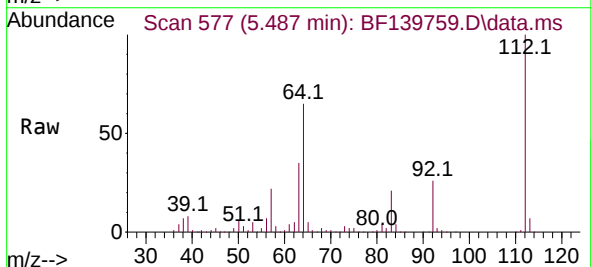


Tgt Ion:152 Resp: 79316
Ion Ratio Lower Upper
152 100
150 156.8 127.2 190.8
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 64.646 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Tgt Ion:112 Resp: 295829
Ion Ratio Lower Upper
112 100
64 65.3 54.2 81.4
63 34.9 29.4 44.2

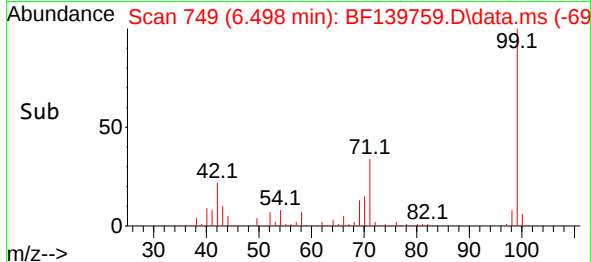
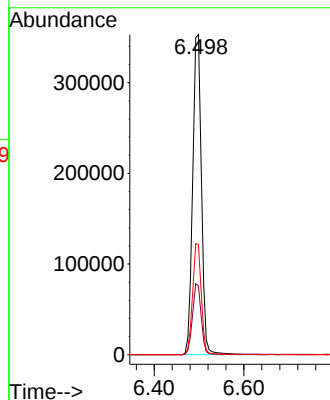
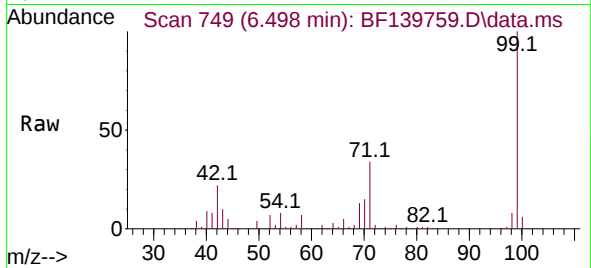




#7
Phenol-d6
Concen: 78.252 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

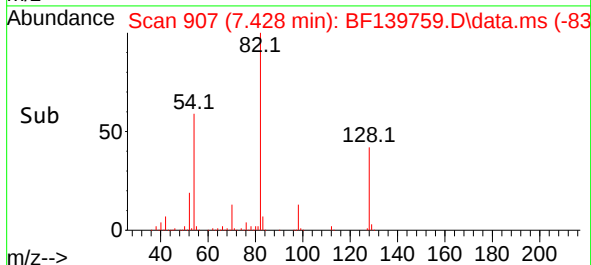
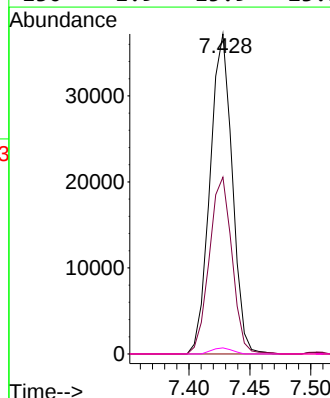
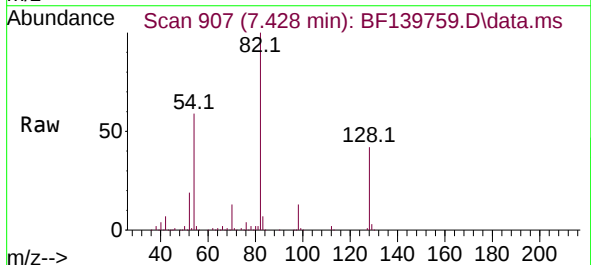
Instrument :
BNA_F
ClientSampleId :
FENCE-POST-1

Tgt Ion: 99 Resp: 481559
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 34.4 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.941 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Tgt Ion: 70 Resp: 47244
Ion Ratio Lower Upper
70 100
42 55.3 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139759.D

Acq: 10 Oct 2024 21:18

Instrument :

BNA_F

ClientSampleId :

FENCE-POST-1

Tgt Ion:136 Resp: 299061

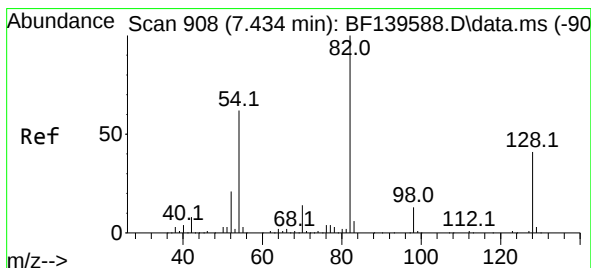
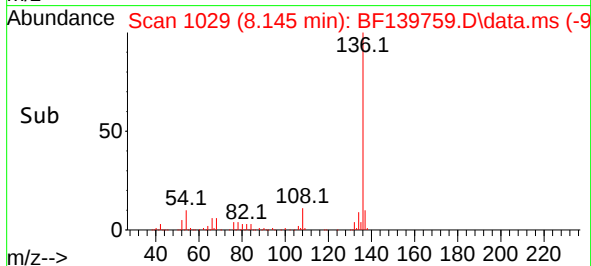
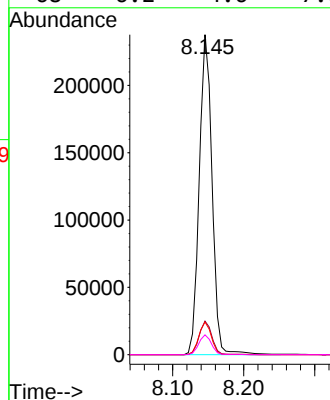
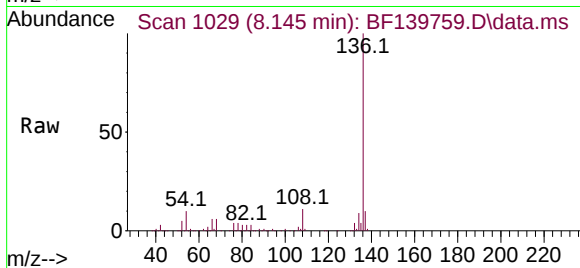
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 10.2 8.3 12.5

68 6.2 4.6 7.0



#23

Nitrobenzene-d5

Concen: 60.111 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF139759.D

Acq: 10 Oct 2024 21:18

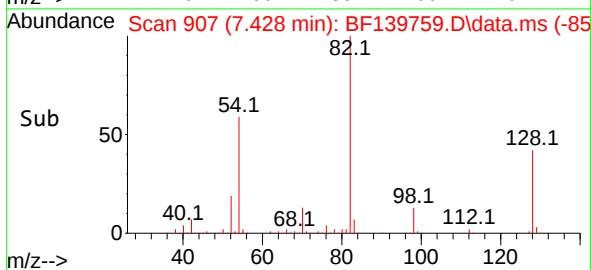
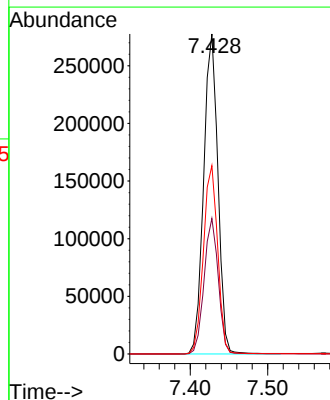
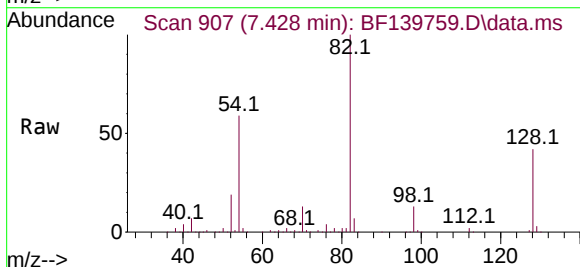
Tgt Ion: 82 Resp: 355064

Ion Ratio Lower Upper

82 100

128 42.3 32.4 48.6

54 58.9 49.1 73.7

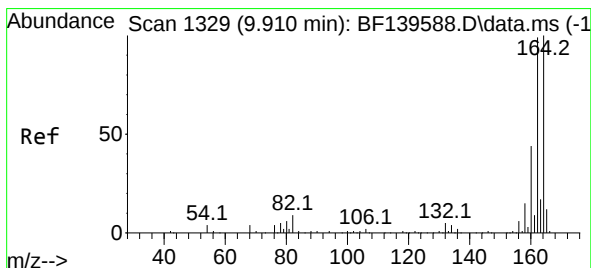
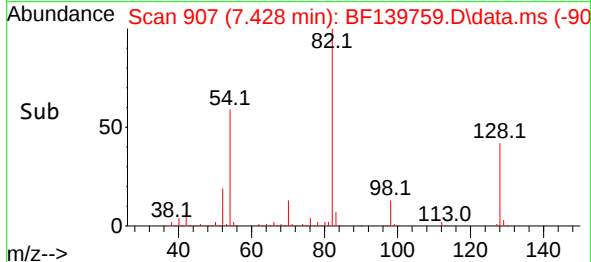
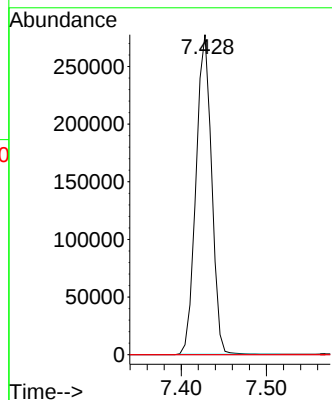
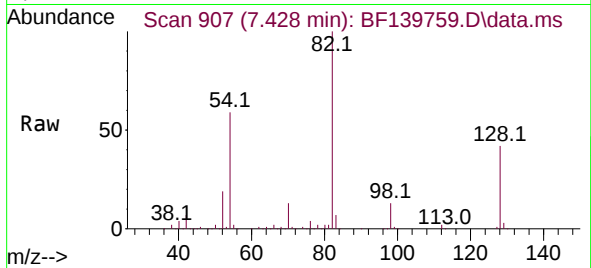




#25
Isophorone
Concen: 33.542 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

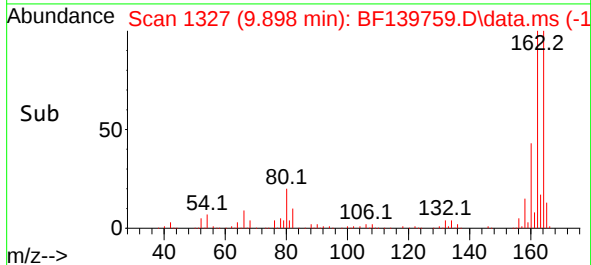
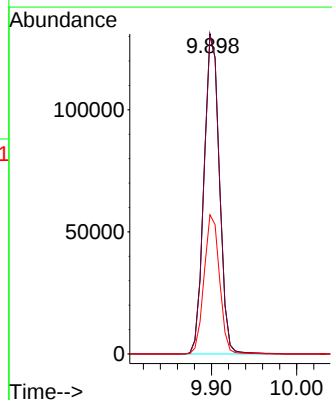
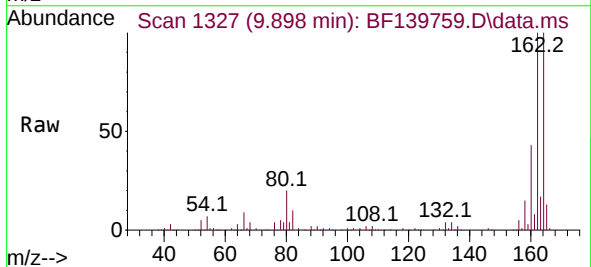
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BNA_F
ClientSampleId :
FENCE-POST-1

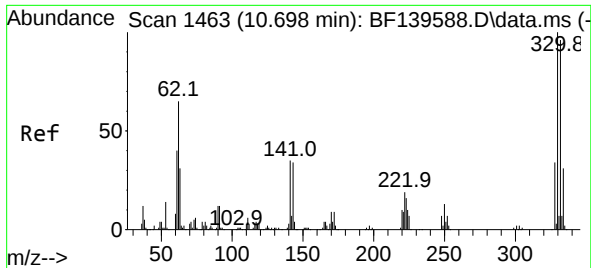
Tgt Ion: 82 Resp: 351896
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

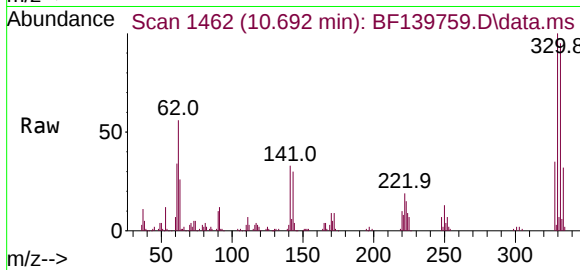
Tgt Ion:164 Resp: 164727
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 43.5 35.1 52.7



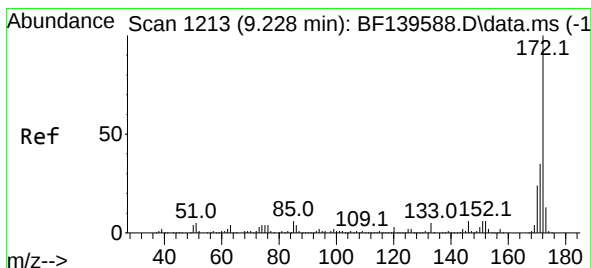
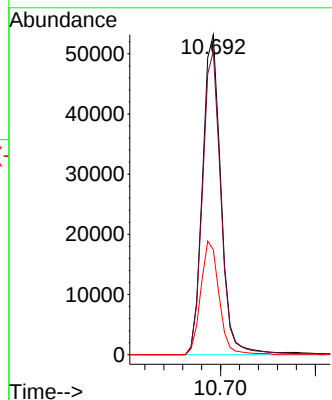
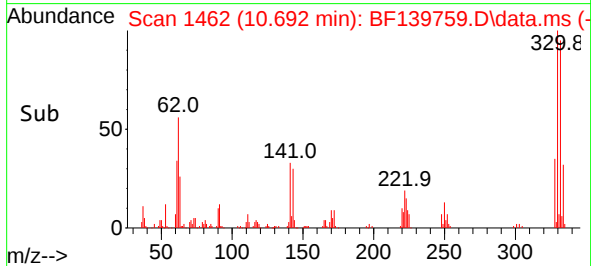


#42
2,4,6-Tribromophenol
Concen: 45.008 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Instrument :
BNA_F
ClientSampleId :
FENCE-POST-1

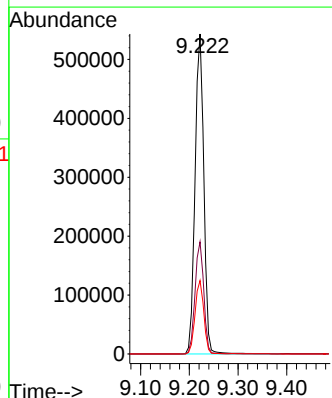
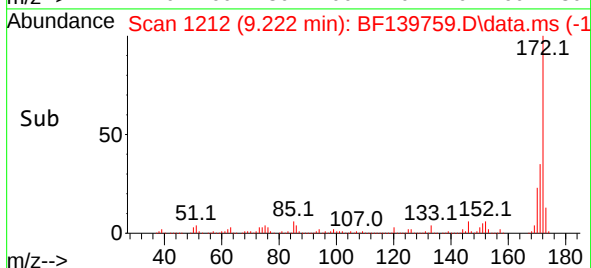
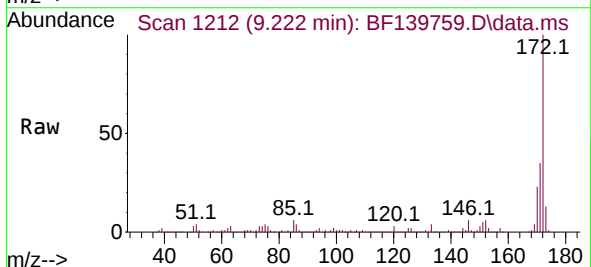


Tgt Ion:330 Resp: 71571
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 35.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 63.628 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Tgt Ion:172 Resp: 682735
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.0 18.8 28.2

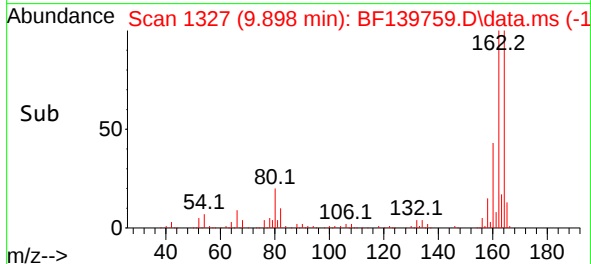
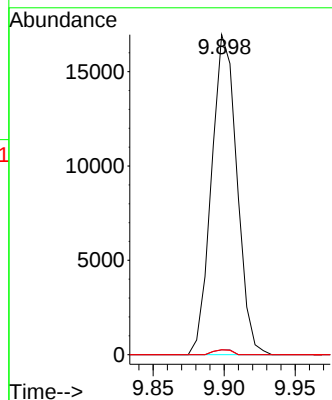
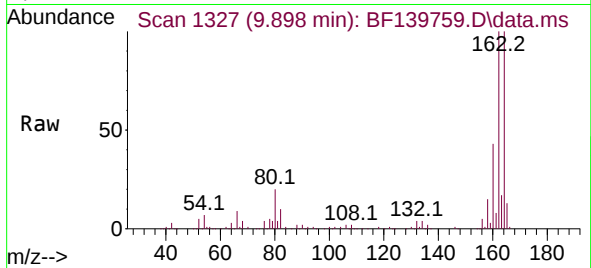




#51
2,6-Dinitrotoluene
Concen: 8.686 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

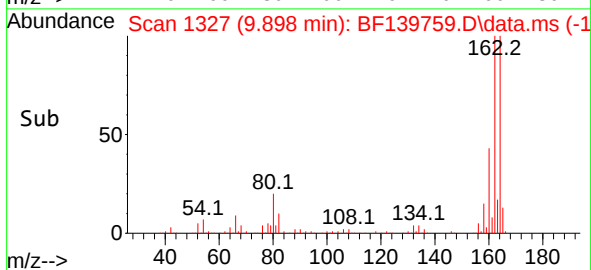
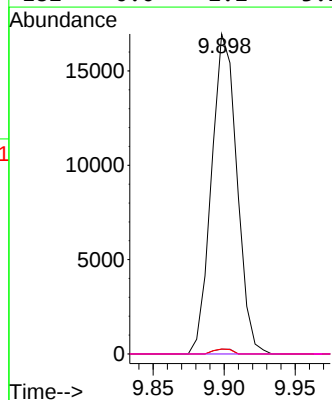
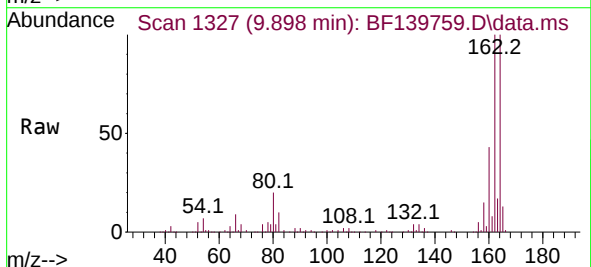
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ClientSampleId :
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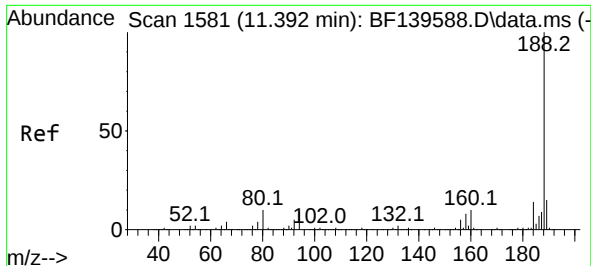
Tgt Ion:165 Resp: 21159
Ion Ratio Lower Upper
165 100
63 1.5 56.7 85.1#
89 1.5 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.645 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Tgt Ion:165 Resp: 21159
Ion Ratio Lower Upper
165 100
63 1.5 46.9 70.3#
89 1.5 64.4 96.6#
182 0.0 2.2 3.2#

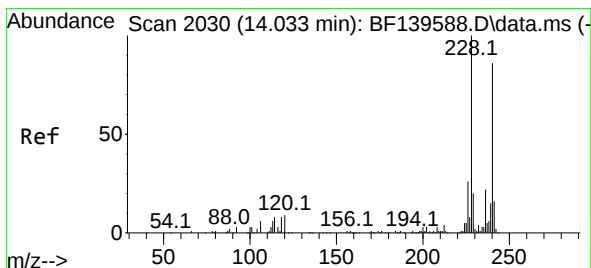
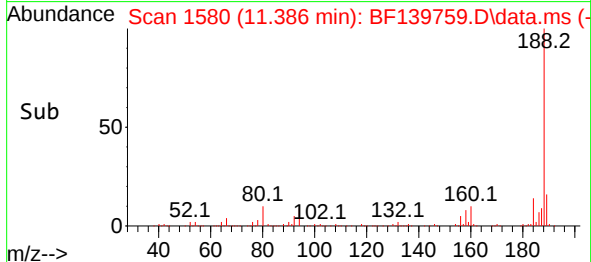
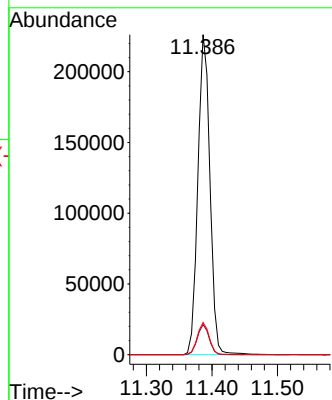
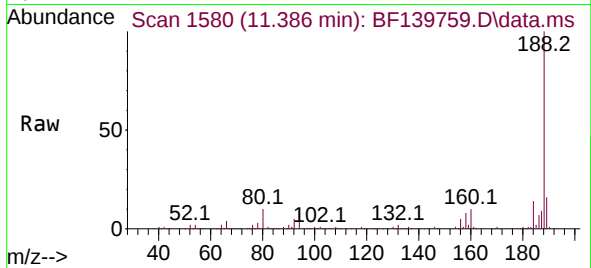




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

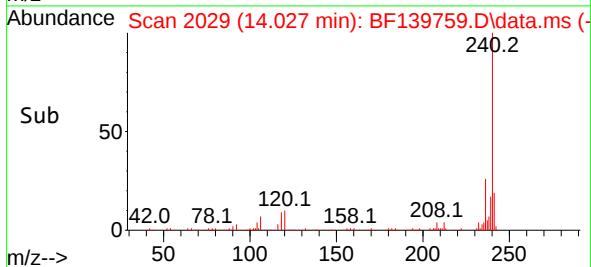
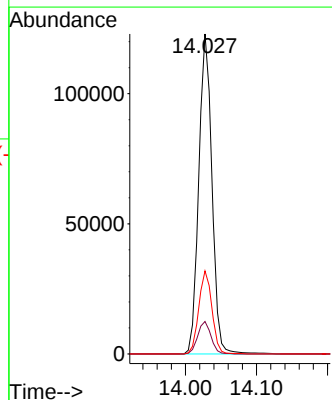
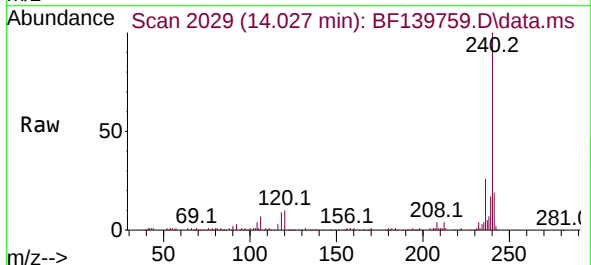
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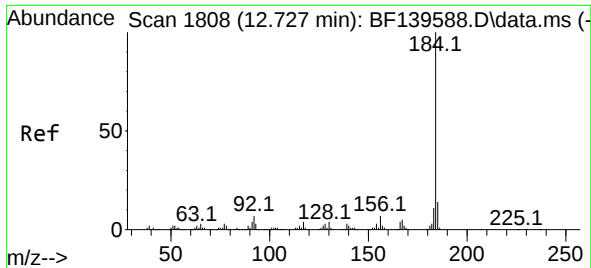
Tgt Ion:188 Resp: 289828
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.0 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Tgt Ion:240 Resp: 159058
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.0 20.3 30.5

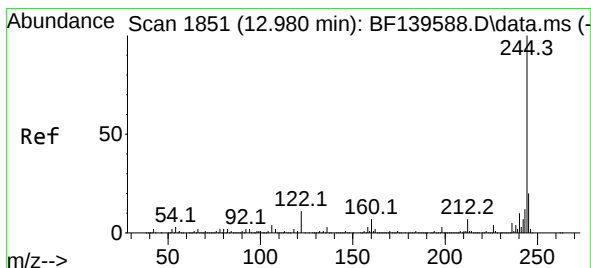
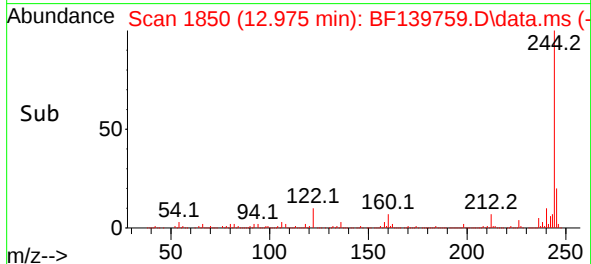
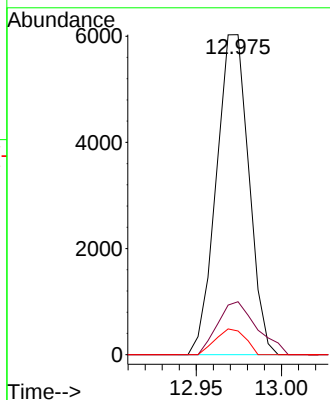
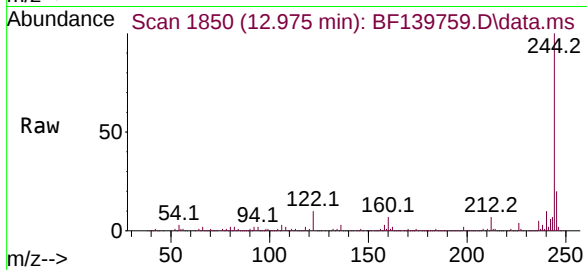




#77
Benzidine
Concen: 2.851 ng
RT: 12.975 min Scan# 1850
Delta R.T. 0.247 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

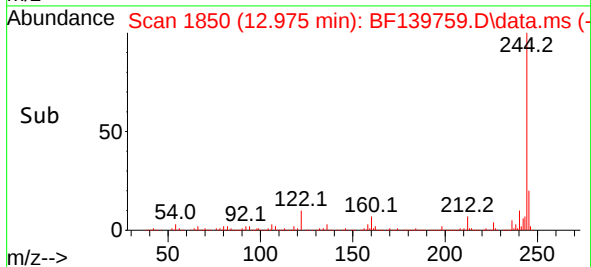
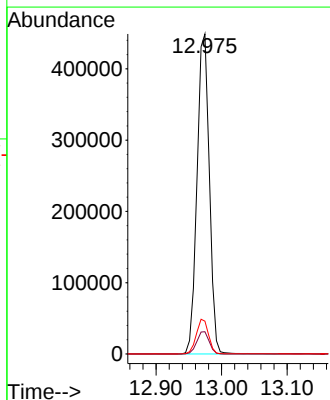
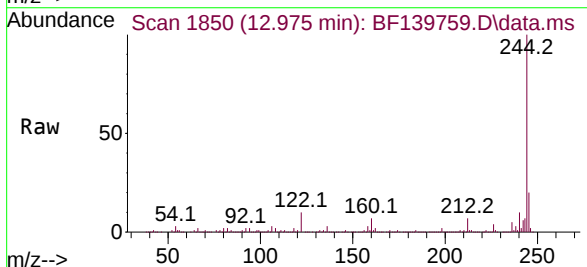
Instrument :
BNA_F
ClientSampleId :
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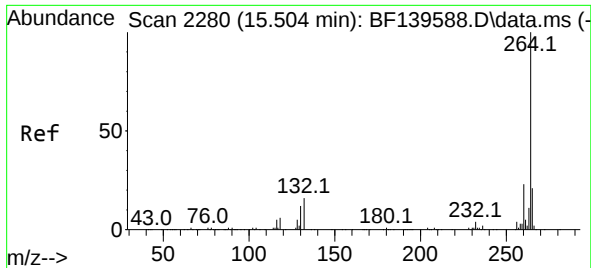
Tgt Ion:184 Resp: 8000
Ion Ratio Lower Upper
184 100
185 16.5 11.4 17.0
183 7.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 60.588 ng
RT: 12.975 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BF139759.D
Acq: 10 Oct 2024 21:18

Tgt Ion:244 Resp: 587325
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139759.D
 Acq: 10 Oct 2024 21:18

Instrument :
 BNA_F
 ClientSampleId :
 FENCE-POST-1

Tgt Ion:264 Resp: 169305
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.6 16.9 25.3

