

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139488.D
 Acq On : 20 Sep 2024 02:59
 Operator : RC/JU
 Sample : P4027-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-49

Quant Time: Sep 20 05:10:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

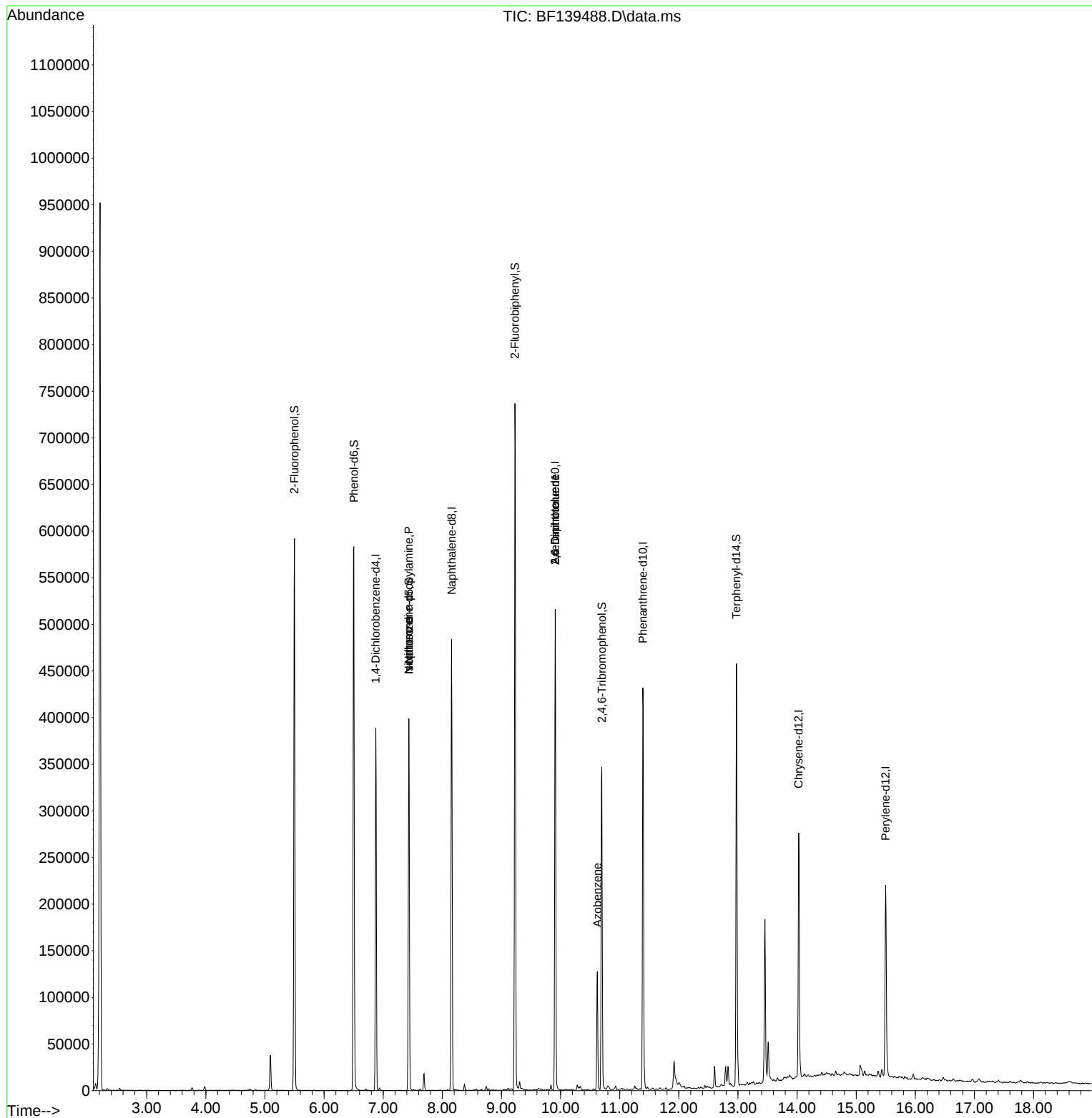
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75625	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	281553	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	149423	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	231137	20.000	ng	0.00
76) Chrysene-d12	14.027	240	117874	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	120468	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	191355	41.278	ng	0.00
7) Phenol-d6	6.504	99	247803	40.725	ng	0.00
23) Nitrobenzene-d5	7.434	82	160045	26.723	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	52543	33.030	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	320179	30.053	ng	0.00
79) Terphenyl-d14	12.974	244	211060	29.390	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	21561	5.980	ng	# 74
25) Isophorone	7.434	82	160044	16.897	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19550	8.998	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19550	6.665	ng	# 16
63) Azobenzene	10.622	77	31824	3.197	ng	# 1

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

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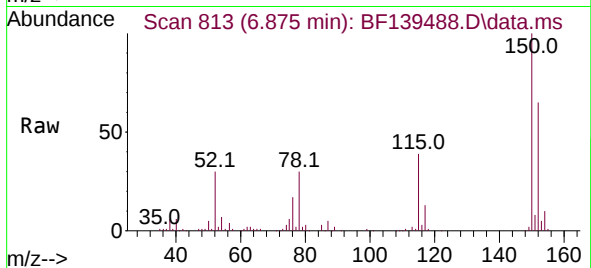
Quant Time: Sep 20 05:10:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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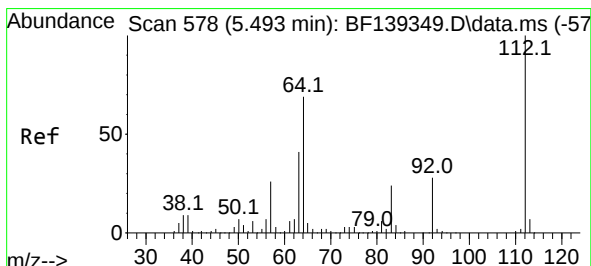
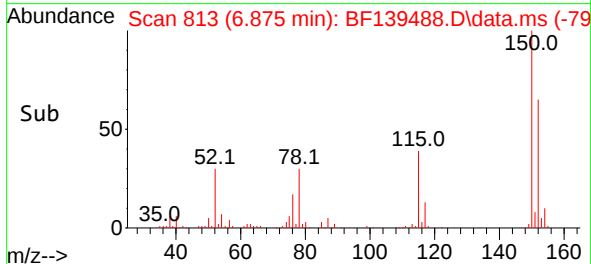
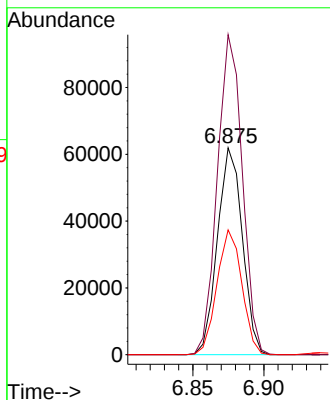


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

Instrument :
BNA_F
ClientSampleId :
DN-B-49

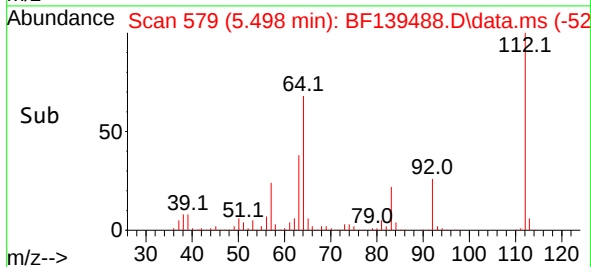
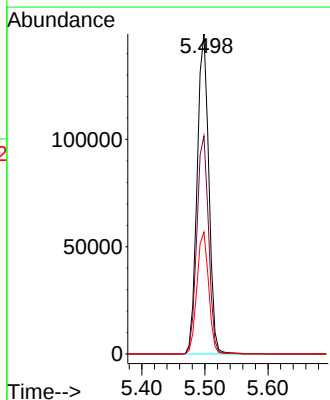
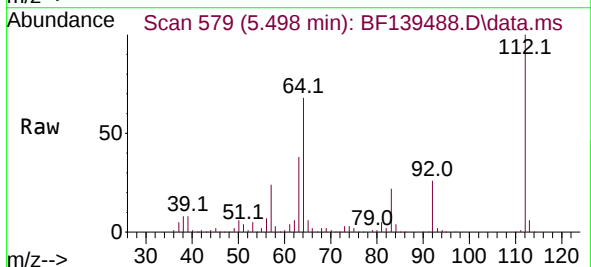


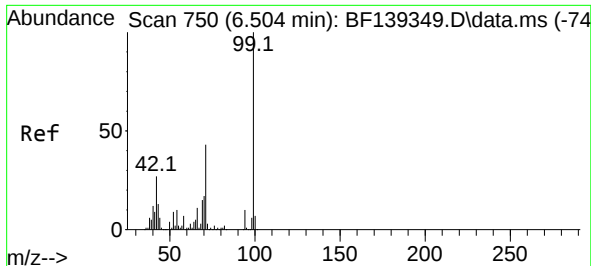
Tgt Ion:152 Resp: 75625
Ion Ratio Lower Upper
152 100
150 154.7 124.1 186.1
115 60.3 48.1 72.1



#5
2-Fluorophenol
Concen: 41.278 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

Tgt Ion:112 Resp: 191355
Ion Ratio Lower Upper
112 100
64 68.2 54.8 82.2
63 38.1 33.0 49.4





#7
Phenol-d6
Concen: 40.725 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

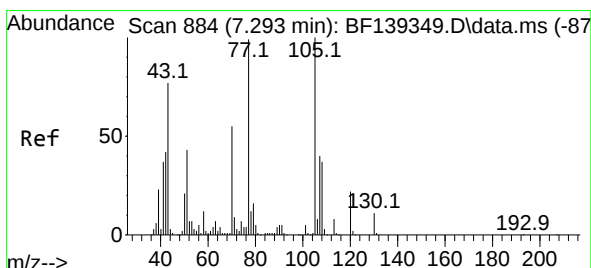
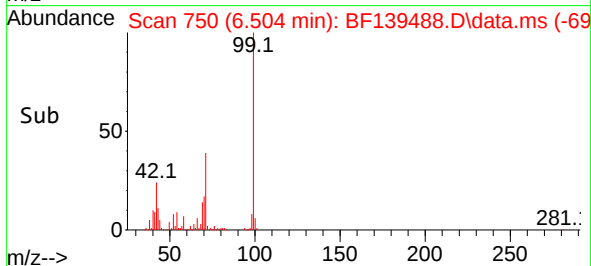
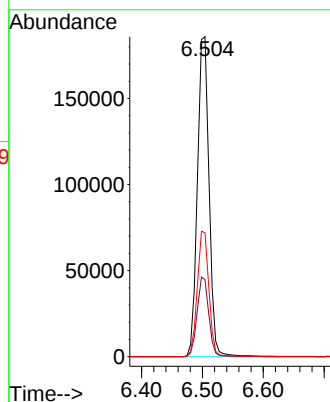
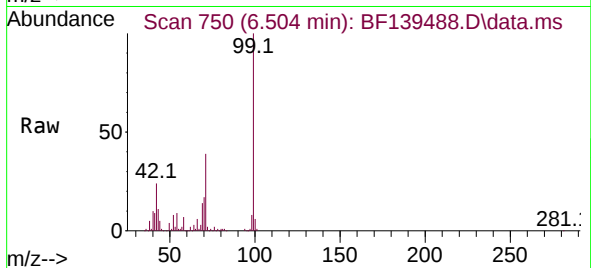
Instrument :

BNA_F

ClientSampleId :

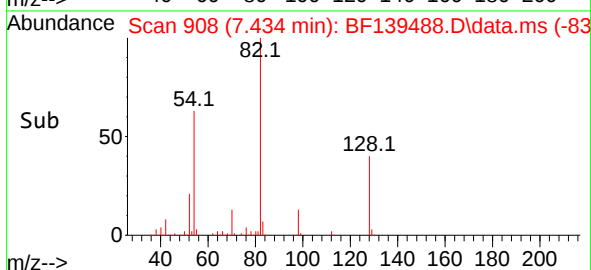
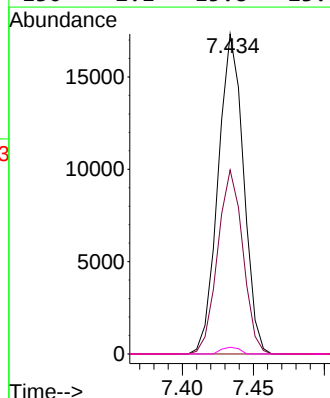
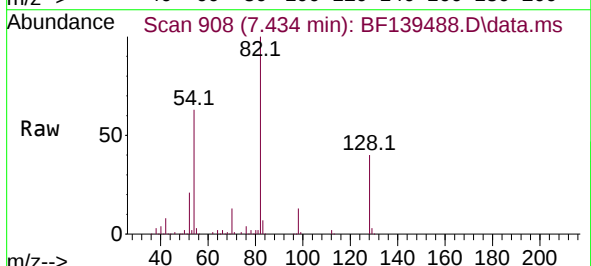
DN-B-49

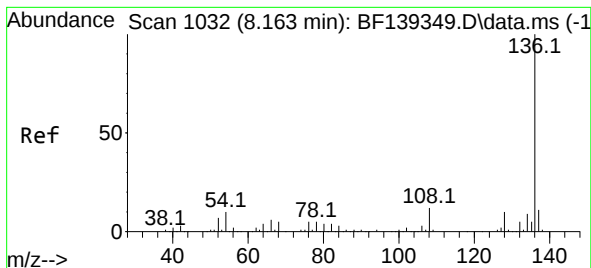
Tgt Ion: 99 Resp: 247803
Ion Ratio Lower Upper
99 100
42 24.0 21.9 32.9
71 38.8 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 5.980 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

Tgt Ion: 70 Resp: 21561
Ion Ratio Lower Upper
70 100
42 57.5 61.2 91.8#
101 0.0 7.5 11.3#
130 2.1 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139488.D

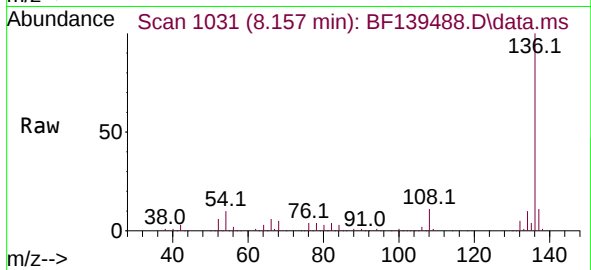
Acq: 20 Sep 2024 02:59

Instrument :

BNA_F

ClientSampleId :

DN-B-49



Tgt Ion:136 Resp: 281553

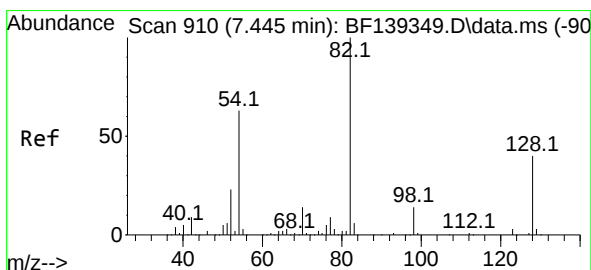
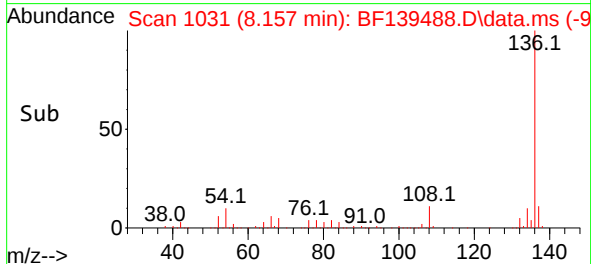
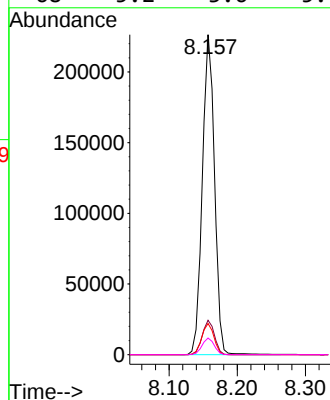
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 9.8 7.8 11.8

68 5.2 3.6 5.4



#23

Nitrobenzene-d5

Concen: 26.723 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139488.D

Acq: 20 Sep 2024 02:59

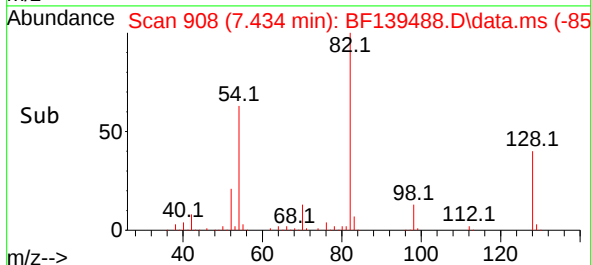
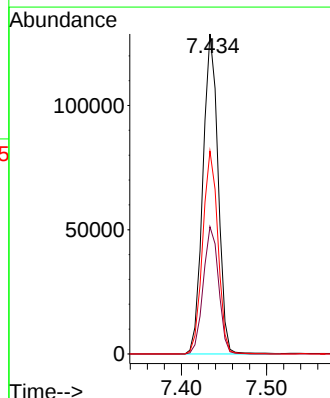
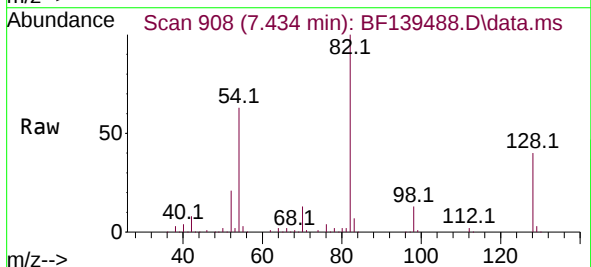
Tgt Ion: 82 Resp: 160045

Ion Ratio Lower Upper

82 100

128 39.7 31.8 47.6

54 63.4 50.6 75.8

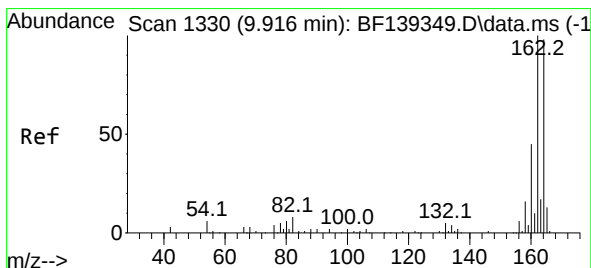
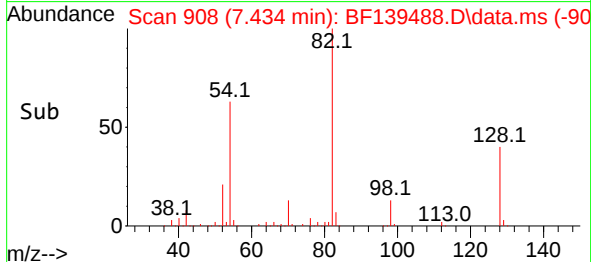
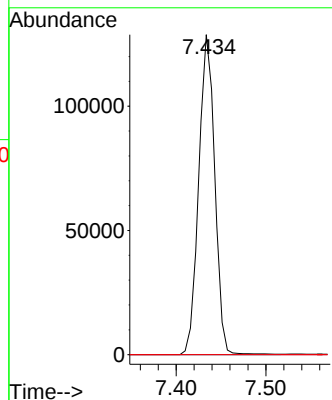
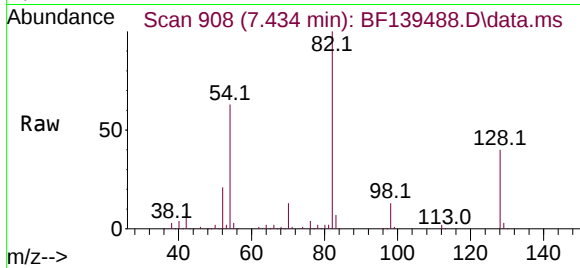




#25
Isophorone
Concen: 16.897 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

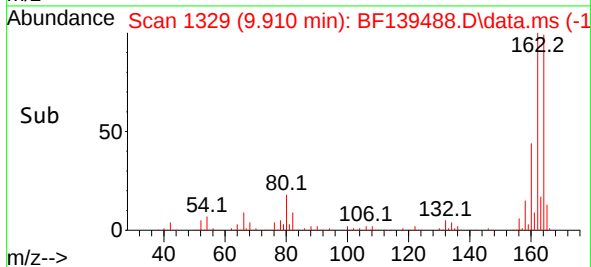
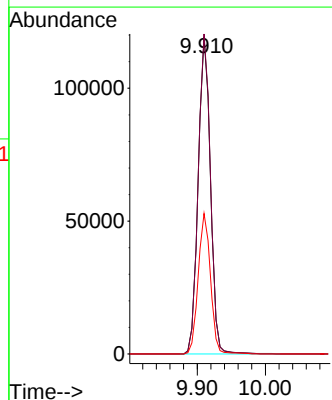
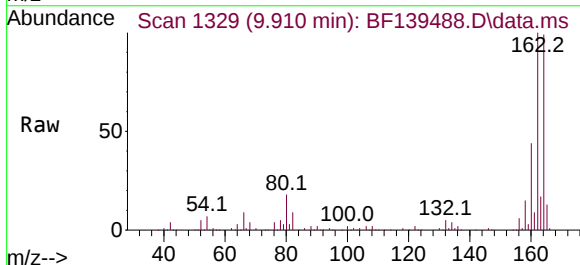
Instrument :
BNA_F
ClientSampleId :
DN-B-49

Tgt Ion: 82 Resp: 160044
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

Tgt Ion:164 Resp: 149423
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 33.030 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139488.D

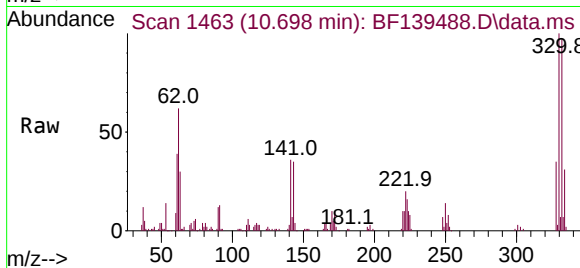
Acq: 20 Sep 2024 02:59

Instrument :

BNA_F

ClientSampleId :

DN-B-49



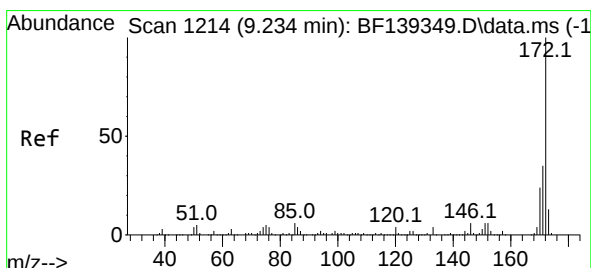
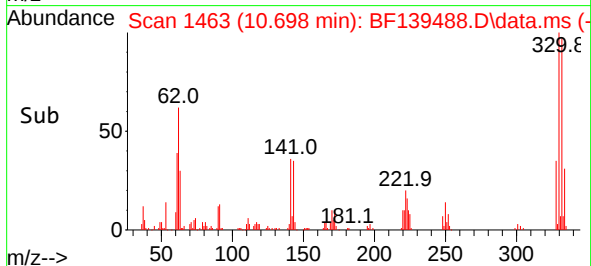
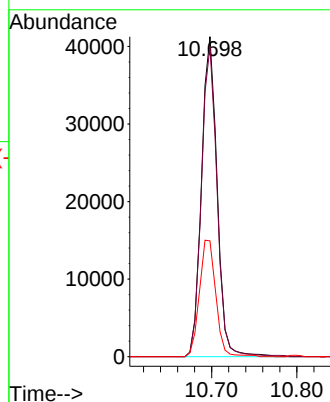
Tgt Ion:330 Resp: 52543

Ion Ratio Lower Upper

330 100

332 96.8 75.2 112.8

141 38.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 30.053 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139488.D

Acq: 20 Sep 2024 02:59

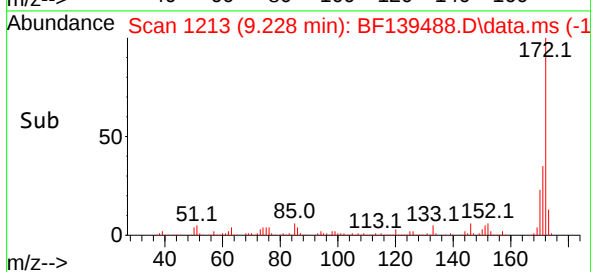
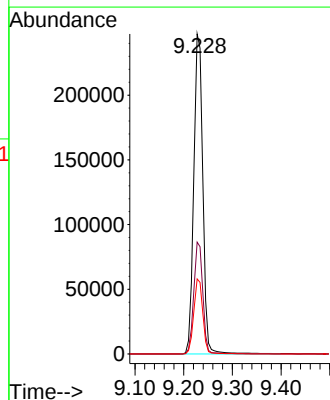
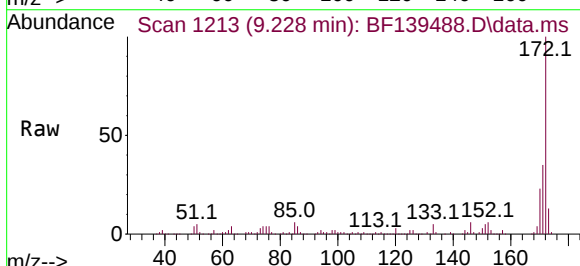
Tgt Ion:172 Resp: 320179

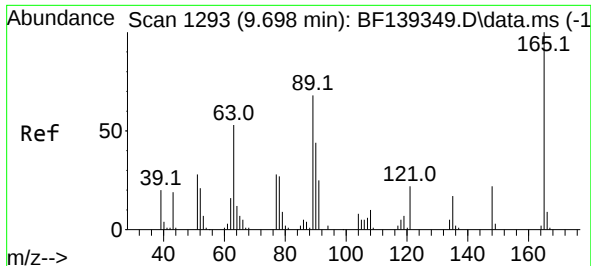
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.0 28.6

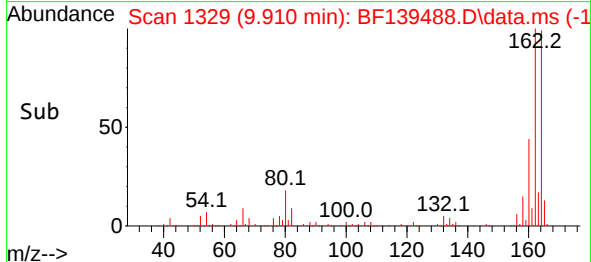
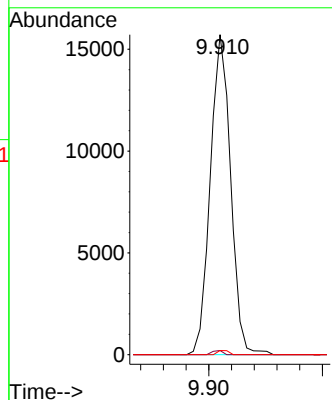
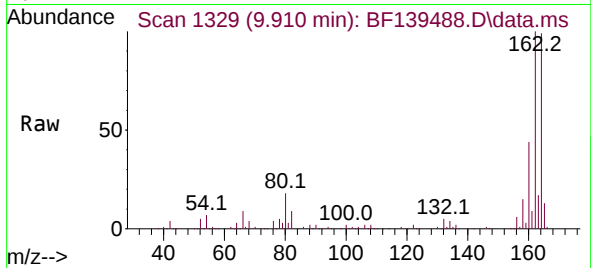




#51
2,6-Dinitrotoluene
Concen: 8.998 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

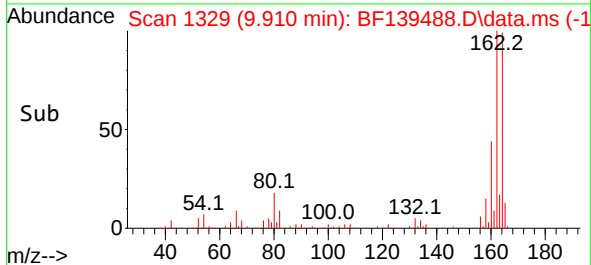
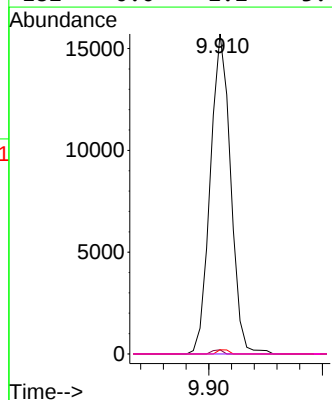
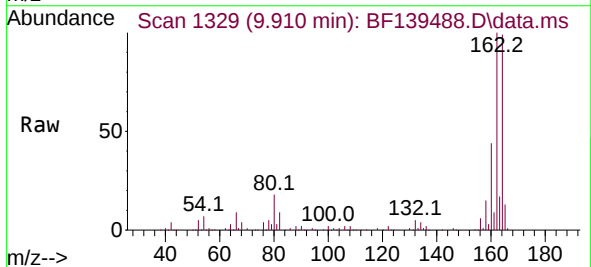
Instrument :
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DN-B-49

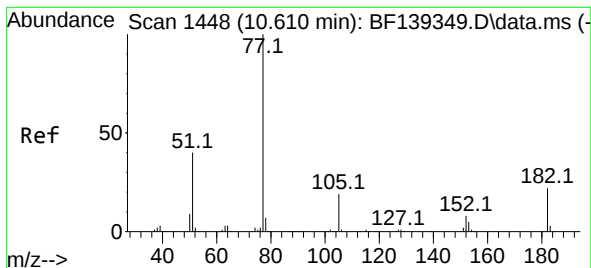
Tgt Ion:165 Resp: 19550
Ion Ratio Lower Upper
165 100
63 1.3 60.9 91.3#
89 1.3 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.665 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139488.D
Acq: 20 Sep 2024 02:59

Tgt Ion:165 Resp: 19550
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 3.197 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139488.D

Acq: 20 Sep 2024 02:59

Instrument :

BNA_F

ClientSampleId :

DN-B-49

Tgt Ion: 77 Resp: 31824

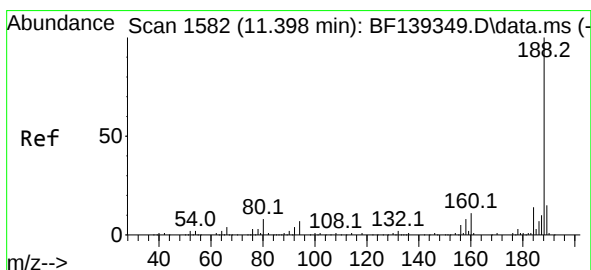
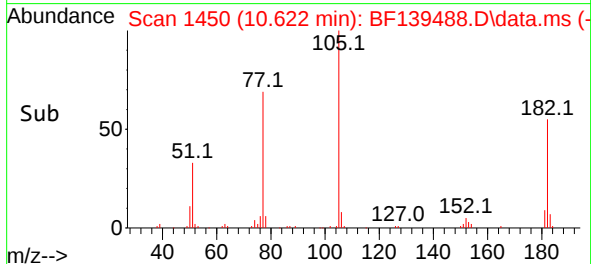
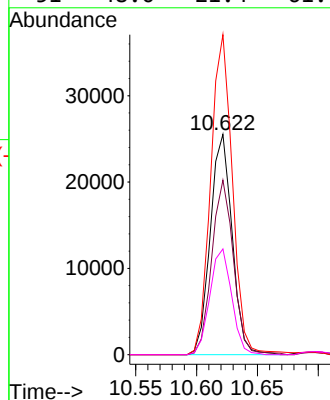
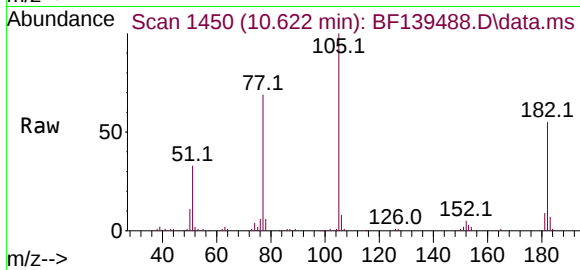
Ion Ratio Lower Upper

77 100

182 79.2 1.8 41.8#

105 145.3 0.0 38.6#

51 48.0 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF139488.D

Acq: 20 Sep 2024 02:59

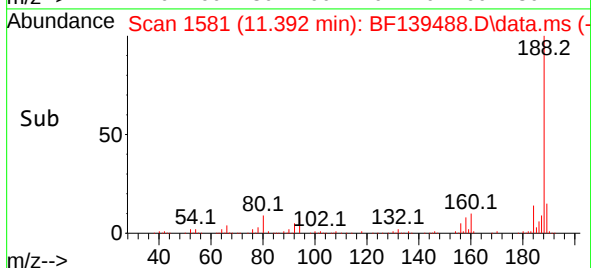
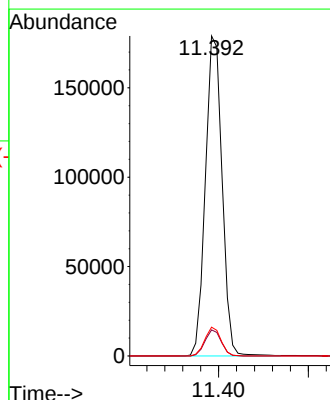
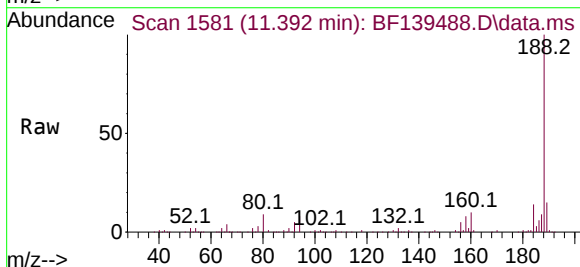
Tgt Ion:188 Resp: 231137

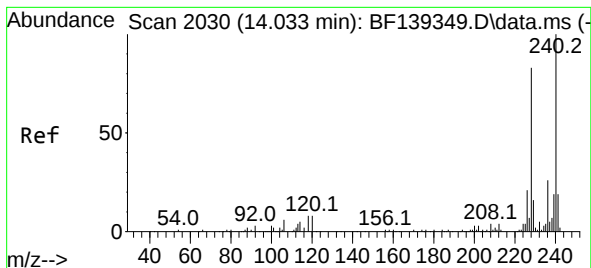
Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 9.0 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139488.D

Acq: 20 Sep 2024 02:59

Instrument :

BNA_F

ClientSampleId :

DN-B-49

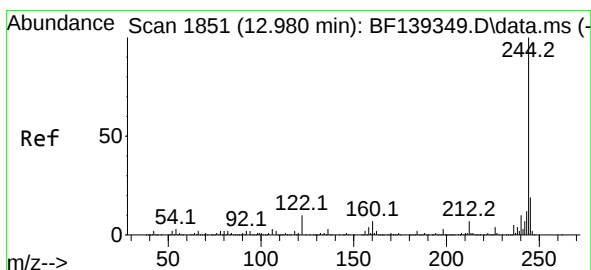
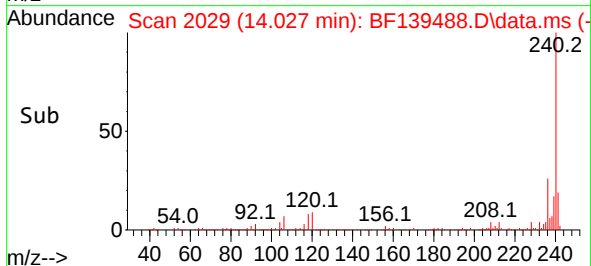
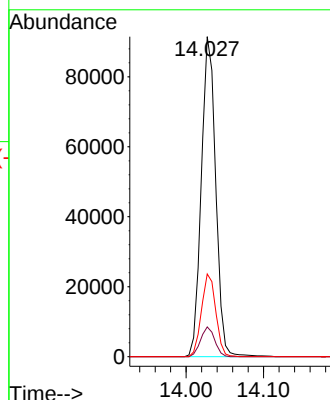
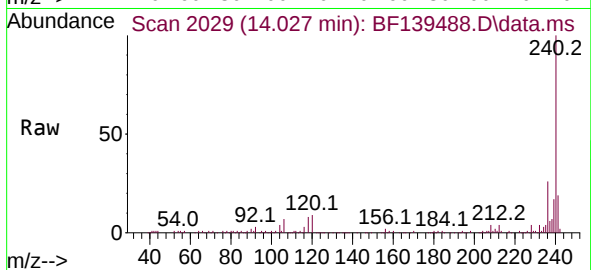
Tgt Ion:240 Resp: 117874

Ion Ratio Lower Upper

240 100

120 9.3 6.2 9.2#

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 29.390 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139488.D

Acq: 20 Sep 2024 02:59

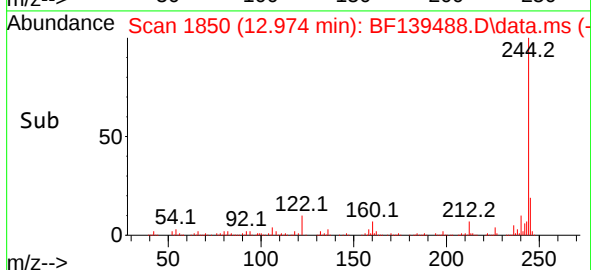
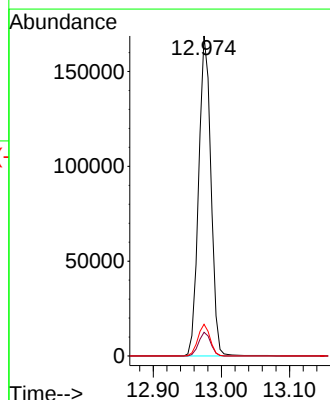
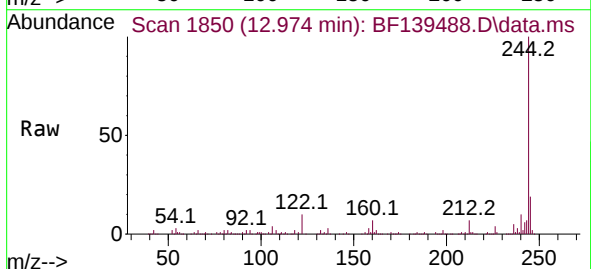
Tgt Ion:244 Resp: 211060

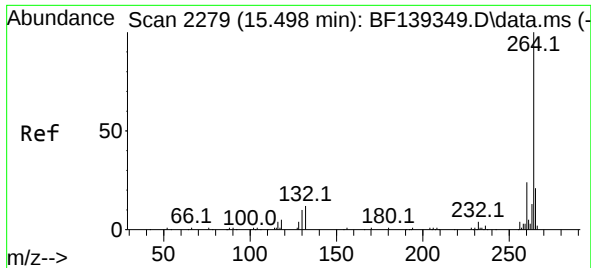
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.9 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139488.D
 Acq: 20 Sep 2024 02:59

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-49

Tgt Ion:264 Resp: 120468
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.0 16.6 25.0

