

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139309.D
 Acq On : 10 Sep 2024 20:00
 Operator : RC/JU
 Sample : P3853-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 252805

Quant Time: Sep 11 01:31:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

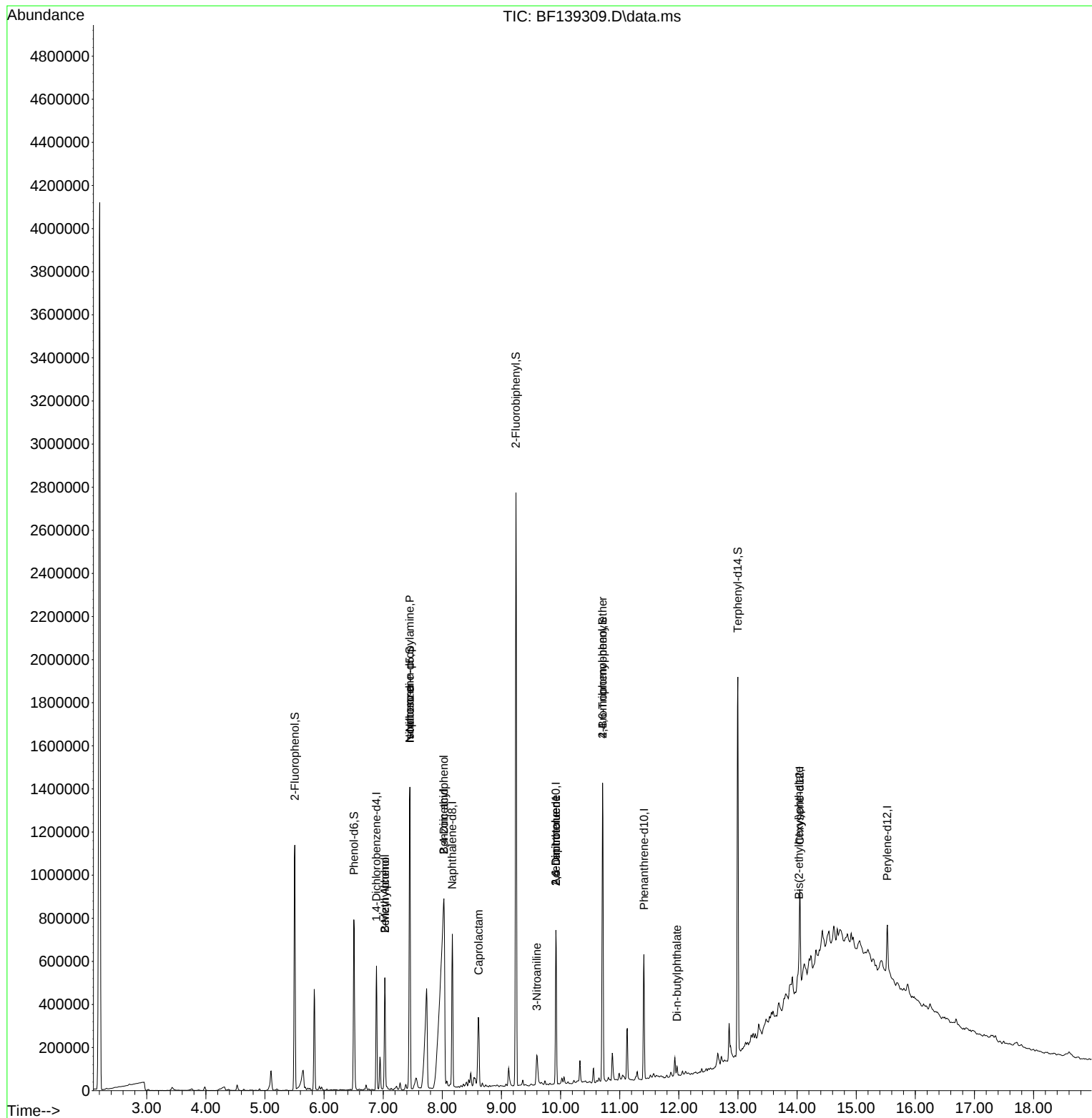
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112521	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405593	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	205190	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	300479	20.000	ng	0.00
76) Chrysene-d12	14.045	240	187491	20.000	ng	0.00
86) Perylene-d12	15.527	264	146626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	379849	56.473	ng	0.00
7) Phenol-d6	6.504	99	335479	37.361	ng	-0.01
23) Nitrobenzene-d5	7.451	82	618730	79.360	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204526	115.431	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1150847	86.578	ng	0.00
79) Terphenyl-d14	12.998	244	844442	72.719	ng	0.00
Target Compounds					Qvalue	
15) Benzyl Alcohol	7.028	79	78877	12.045	ng	100
17) 2-Methylphenol	7.028	107	38801	6.814	ng	# 8
19) n-Nitroso-di-n-propyla...	7.451	70	85697	16.571	ng	# 74
25) Isophorone	7.451	82	616352	46.240	ng	# 67
27) 2,4-Dimethylphenol	8.028	122	814590	175.737	ng	# 4
32) Benzoic acid	8.028	122	823368	195.014	ng	99
35) Caprolactam	8.616	113	44736	26.037	ng	98
51) 2,6-Dinitrotoluene	9.922	165	26122	9.259	ng	# 19
53) 3-Nitroaniline	9.598	138	59168	19.683	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	26122	7.274	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	14446	4.955	ng	# 1
74) Di-n-butylphthalate	11.969	149	26670	2.032	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	26271	5.250	ng	97

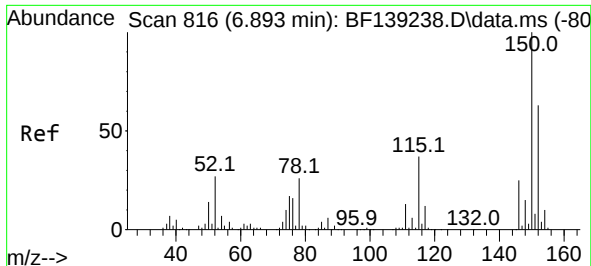
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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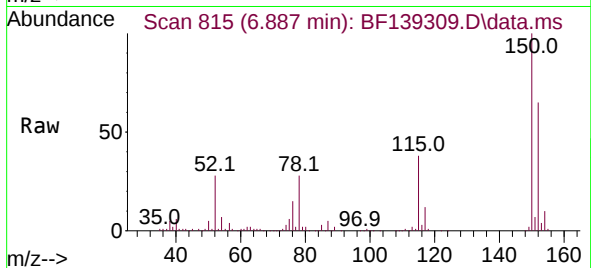
Quant Time: Sep 11 01:31:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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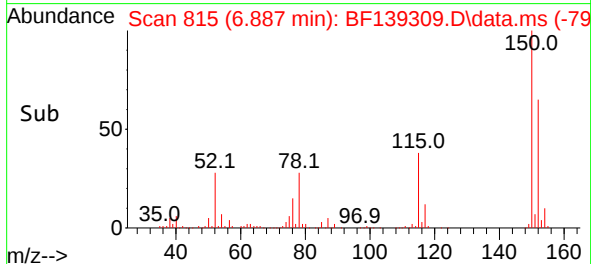
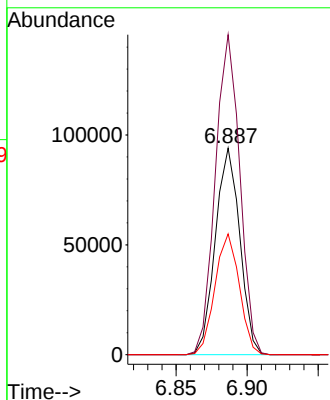


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Instrument :
BNA_F
ClientSampleId :
252805

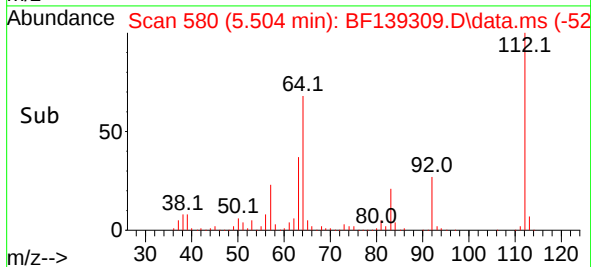
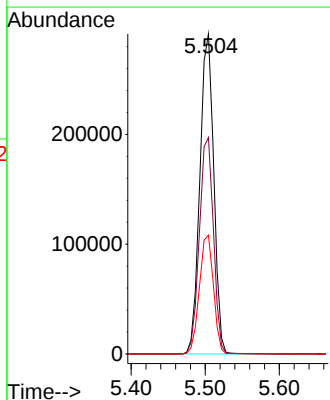
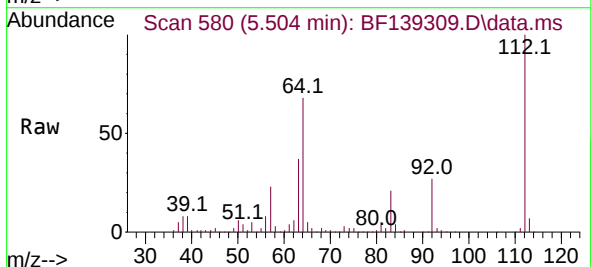


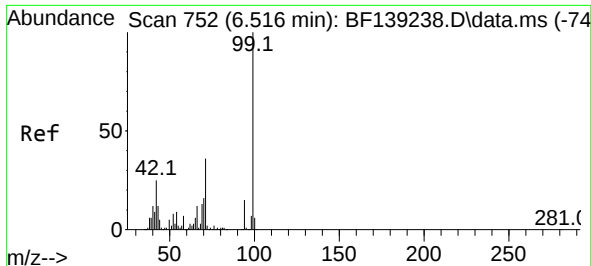
Tgt Ion:152 Resp: 112521
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.4
115 58.5 46.9 70.3



#5
2-Fluorophenol
Concen: 56.473 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:112 Resp: 379849
Ion Ratio Lower Upper
112 100
64 67.6 55.0 82.4
63 37.1 29.9 44.9

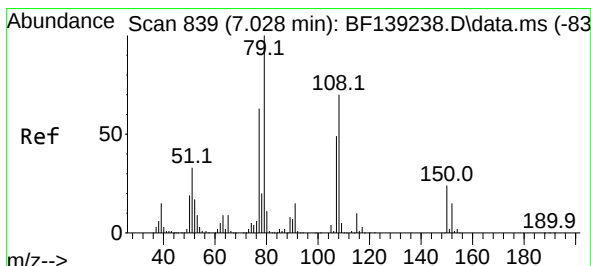
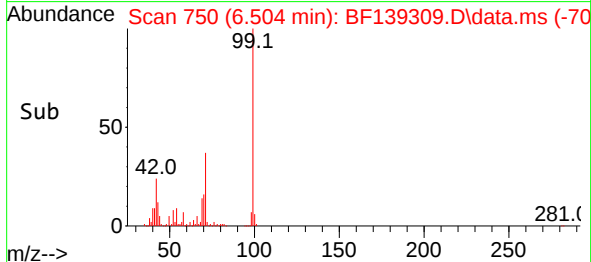
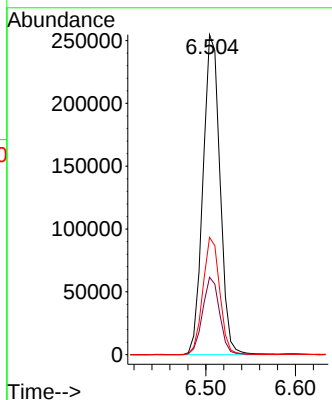
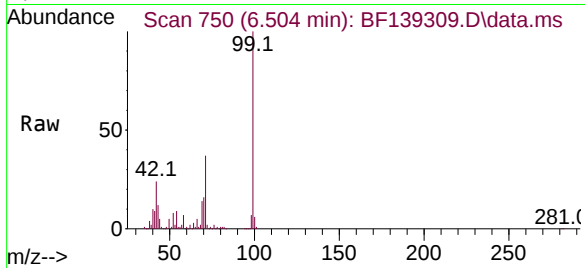




#7
Phenol-d6
Concen: 37.361 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

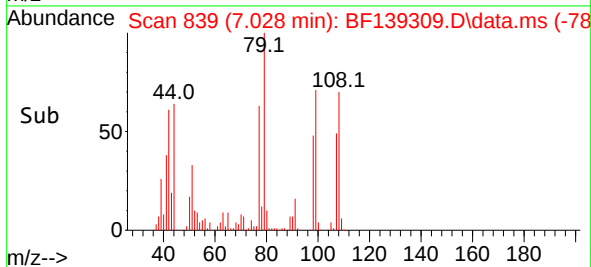
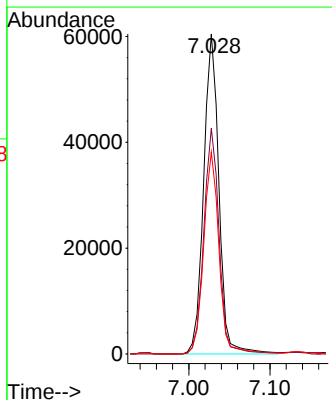
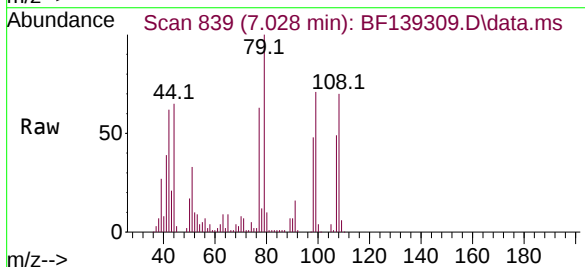
Instrument :
BNA_F
ClientSampleId :
252805

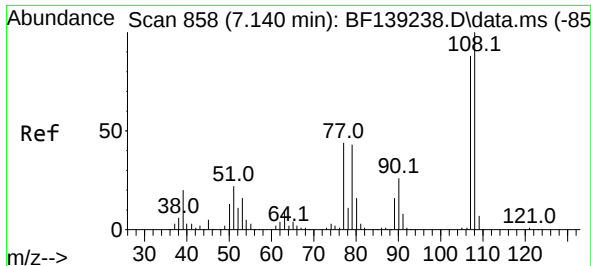
Tgt Ion: 99 Resp: 335479
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 36.7 28.8 43.2



#15
Benzyl Alcohol
Concen: 12.045 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion: 79 Resp: 78877
Ion Ratio Lower Upper
79 100
108 70.5 56.1 84.1
77 63.1 50.6 76.0

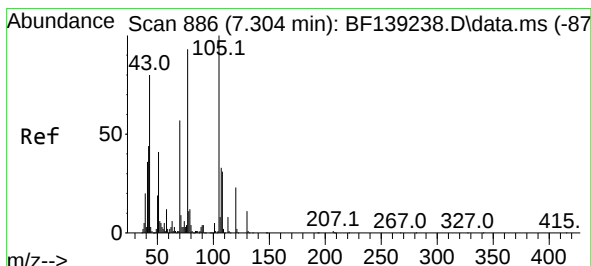
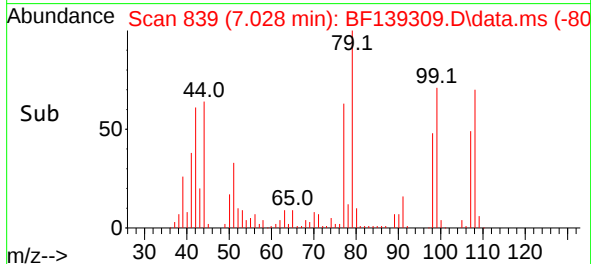
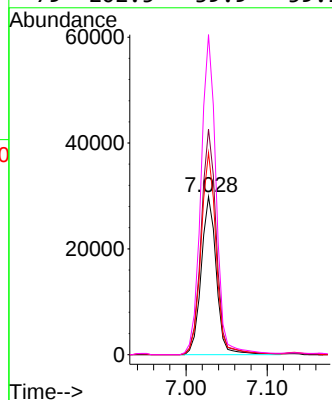
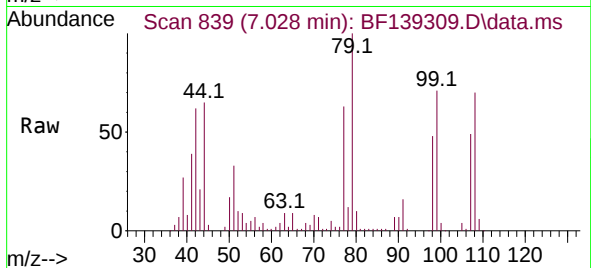




#17
2-Methylphenol
Concen: 6.814 ng
RT: 7.028 min Scan# 811
Delta R.T. -0.112 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

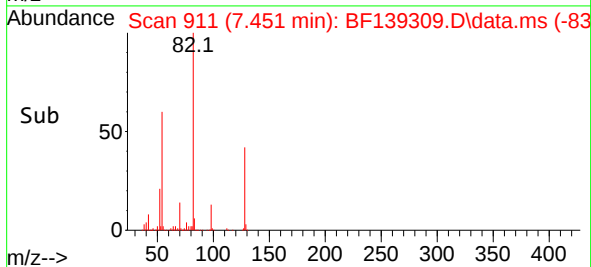
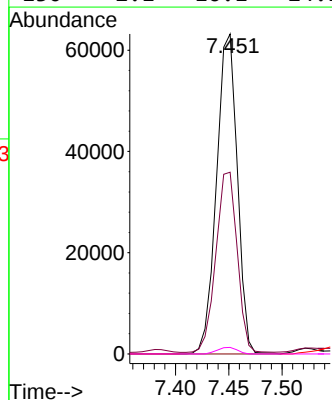
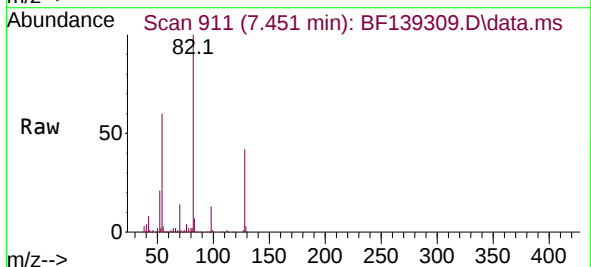
Instrument :
BNA_F
ClientSampleId :
252805

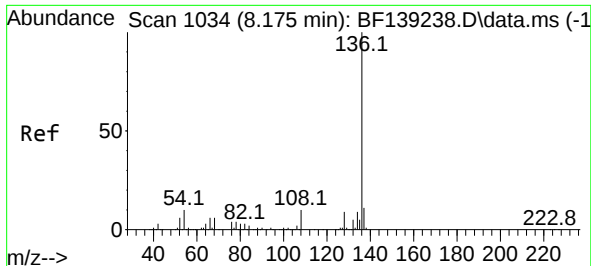
Tgt Ion:107 Resp: 38801
Ion Ratio Lower Upper
107 100
108 142.8 91.4 137.2#
77 127.7 40.1 60.1#
79 202.5 39.9 59.9#



#19
n-Nitroso-di-n-propylamine
Concen: 16.571 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion: 70 Resp: 85697
Ion Ratio Lower Upper
70 100
42 56.8 61.0 91.6#
101 0.0 7.2 10.8#
130 2.1 16.1 24.1#



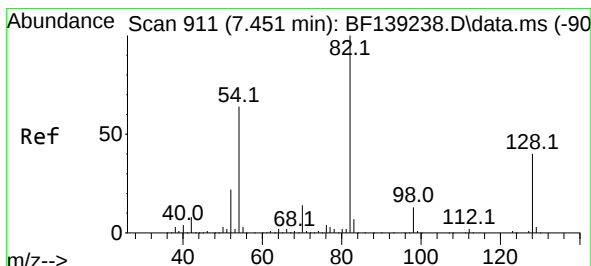
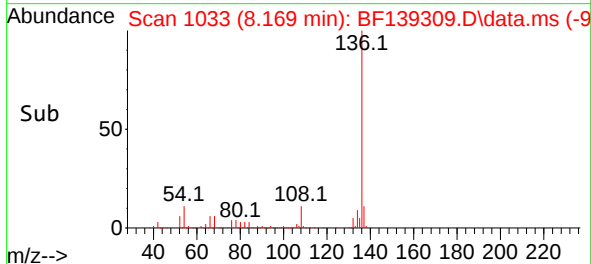
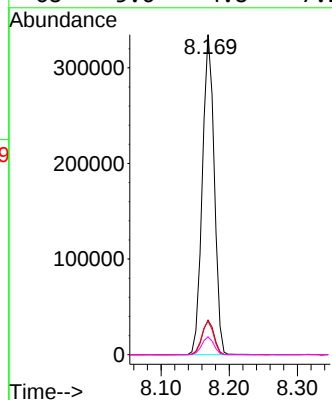
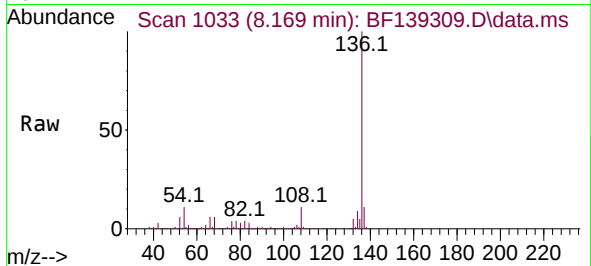


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Instrument :
BNA_F
ClientSampleId :
252805

Tgt Ion:136 Resp: 405593

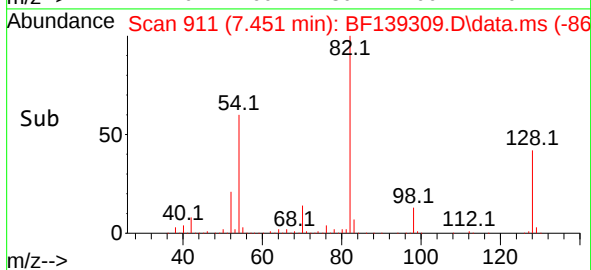
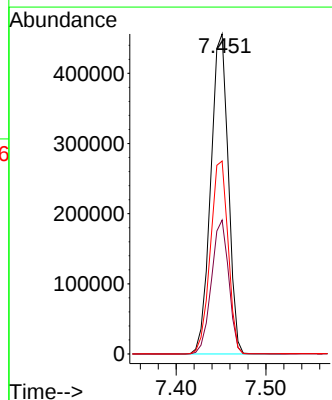
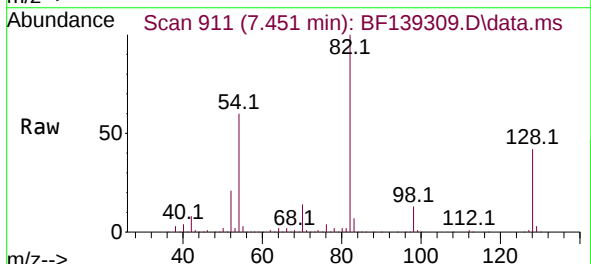
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.5	8.4	12.6
68	5.6	4.8	7.2

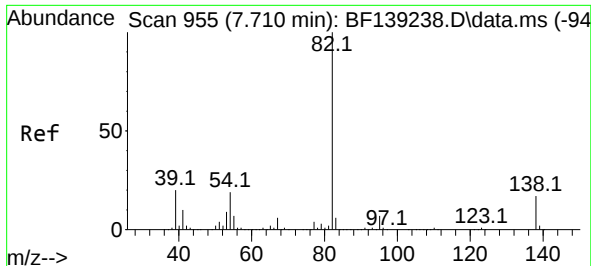


#23
Nitrobenzene-d5
Concen: 79.360 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion: 82 Resp: 618730

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.3	48.5
54	60.3	51.2	76.8

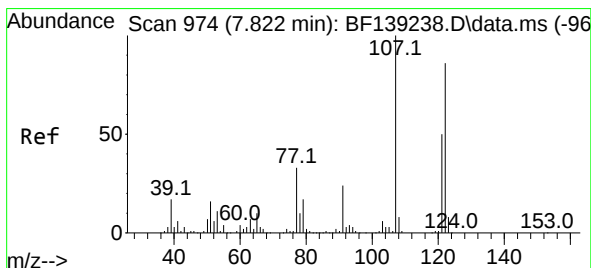
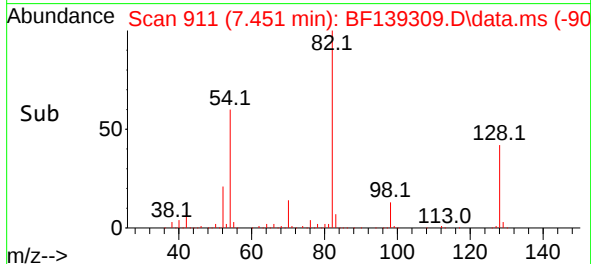
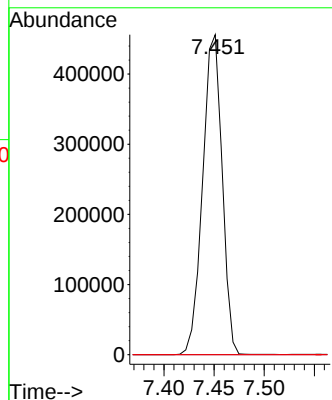
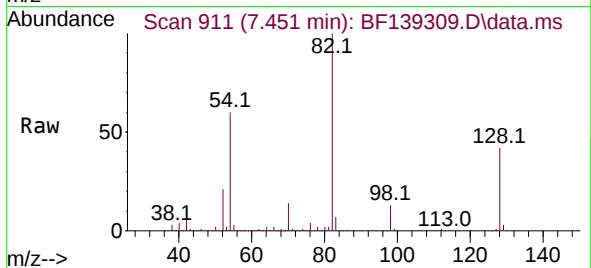




#25
Isophorone
Concen: 46.240 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

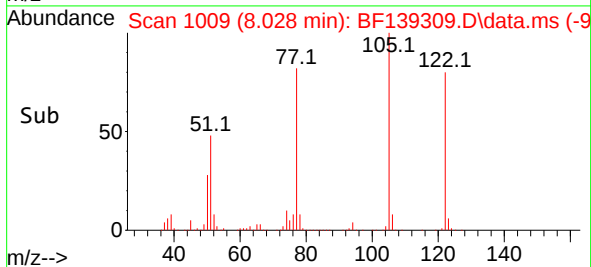
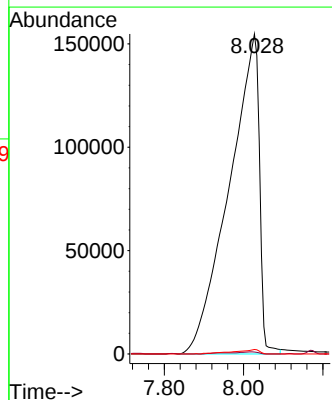
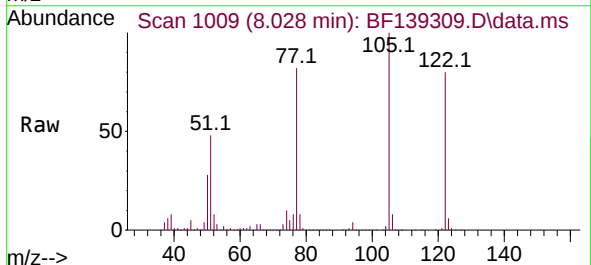
Instrument :
BNA_F
ClientSampleId :
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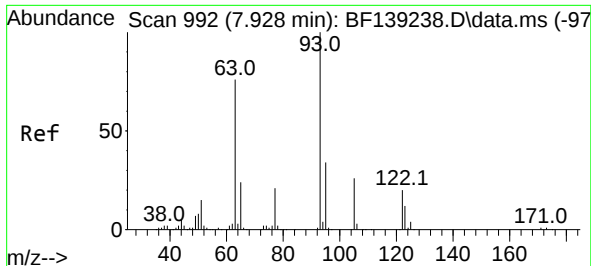
Tgt Ion: 82 Resp: 616352
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#27
2,4-Dimethylphenol
Concen: 175.737 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.206 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:122 Resp: 814590
Ion Ratio Lower Upper
122 100
107 0.6 93.4 140.2#
121 1.4 46.6 70.0#

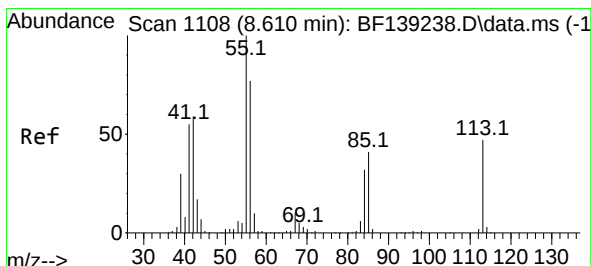
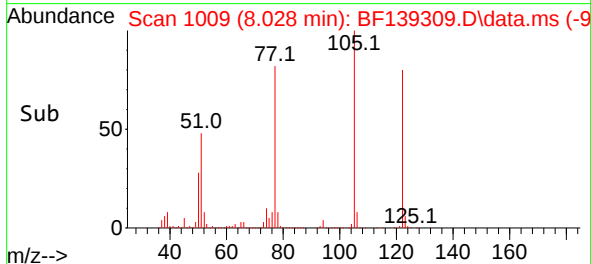
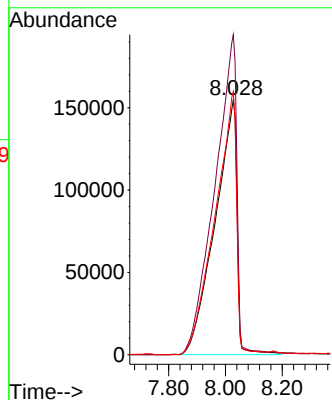
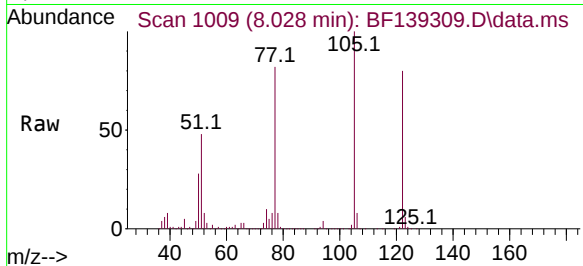




#32
Benzoic acid
Concen: 195.014 ng
RT: 8.028 min Scan# 1109
Delta R.T. 0.100 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

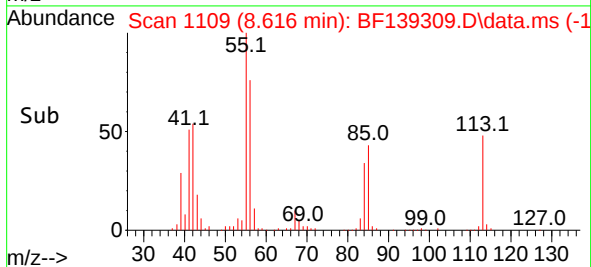
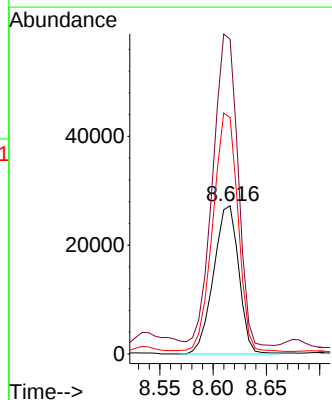
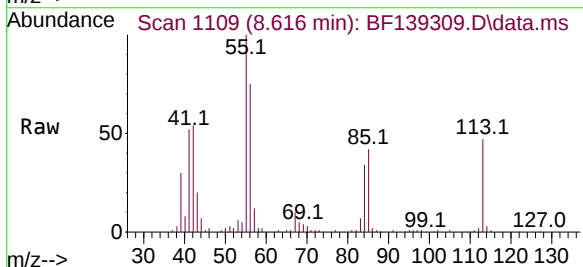
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BNA_F
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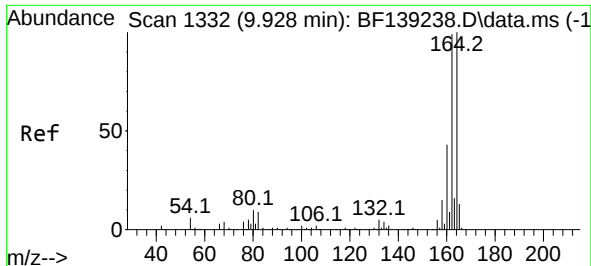
Tgt Ion:122 Resp: 823368
Ion Ratio Lower Upper
122 100
105 125.5 106.3 146.3
77 103.2 84.1 124.1



#35
Caprolactam
Concen: 26.037 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:113 Resp: 44736
Ion Ratio Lower Upper
113 100
55 212.4 193.7 233.7
56 159.5 145.0 185.0

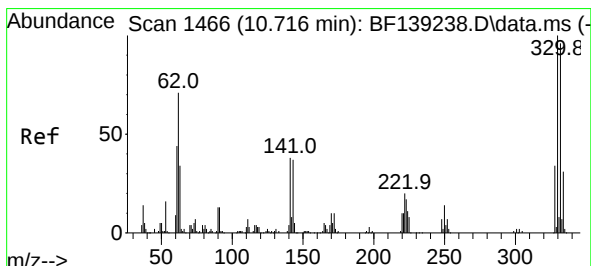
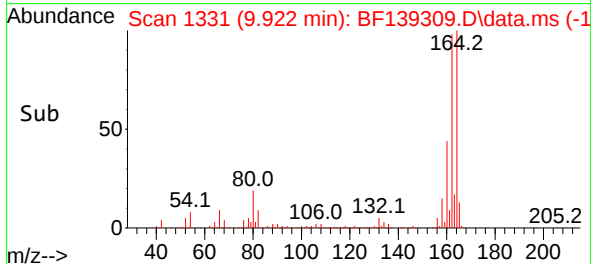
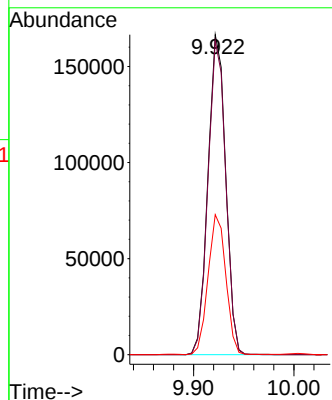
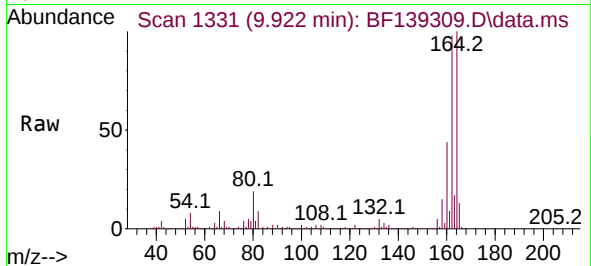




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

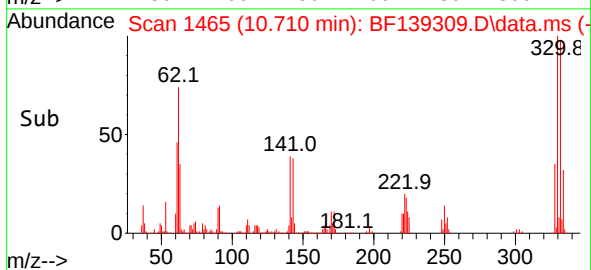
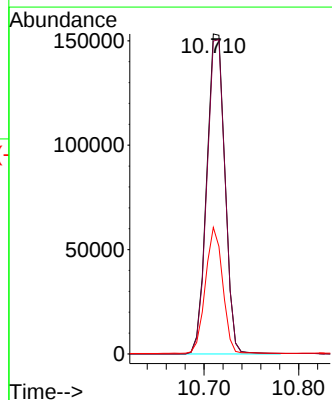
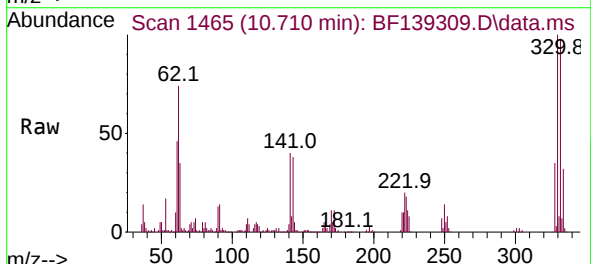
Instrument :
BNA_F
ClientSampleId :
252805

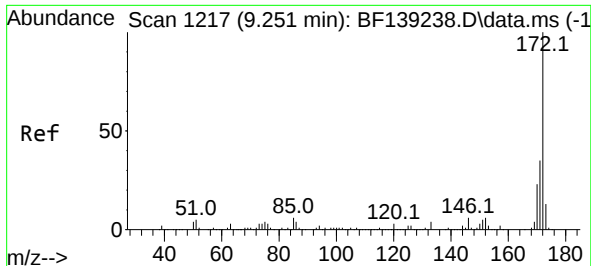
Tgt Ion:164 Resp: 205190
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 115.431 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:330 Resp: 204526
Ion Ratio Lower Upper
330 100
332 98.2 76.6 115.0
141 37.7 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 86.578 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

Instrument :

BNA_F

ClientSampleId :

252805

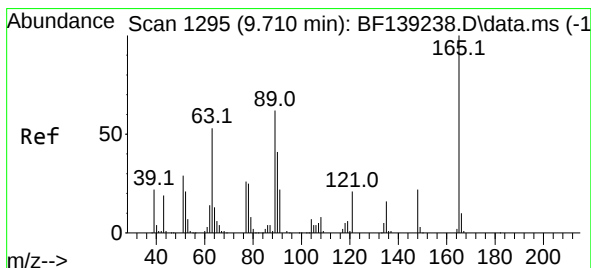
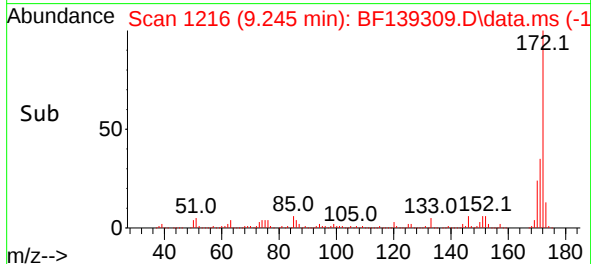
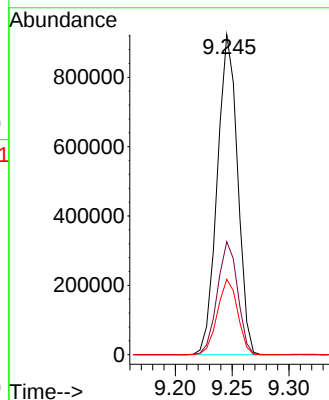
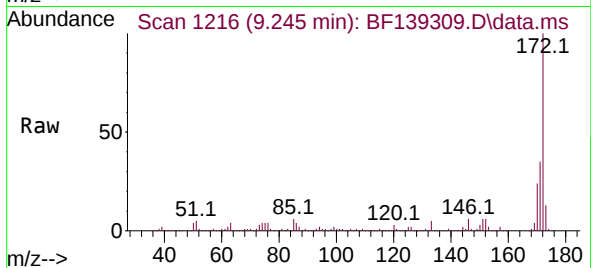
Tgt Ion:172 Resp: 1150847

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.259 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

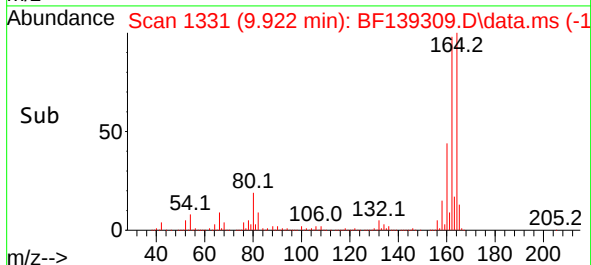
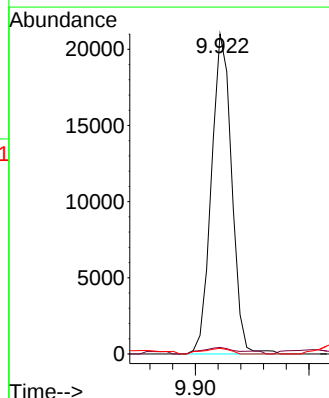
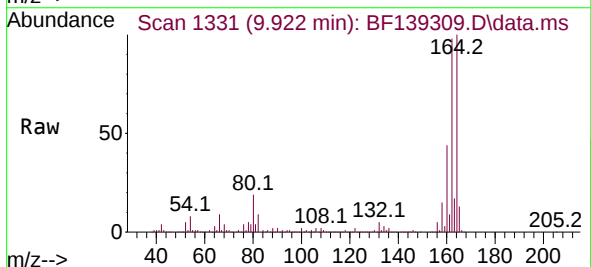
Tgt Ion:165 Resp: 26122

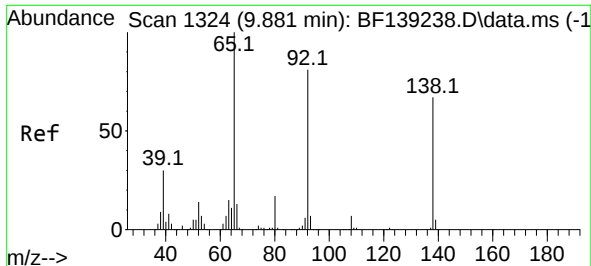
Ion Ratio Lower Upper

165 100

63 2.0 56.1 84.1#

89 1.7 49.7 74.5#

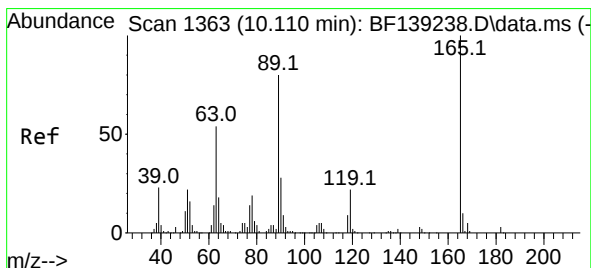
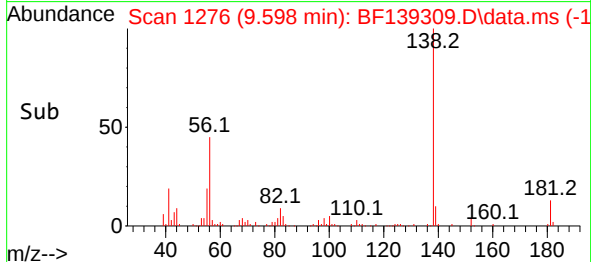
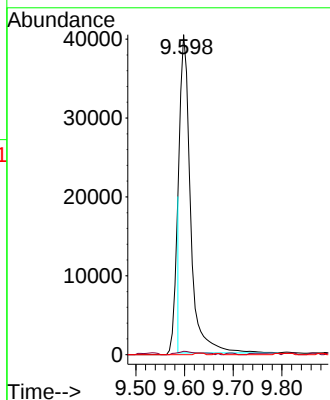
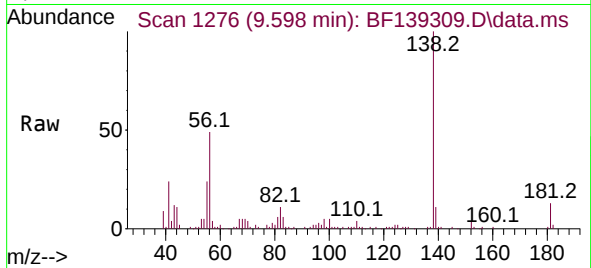




#53
3-Nitroaniline
Concen: 19.683 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.283 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

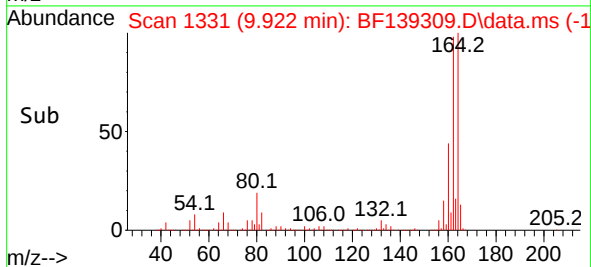
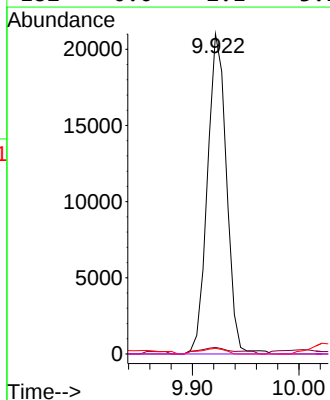
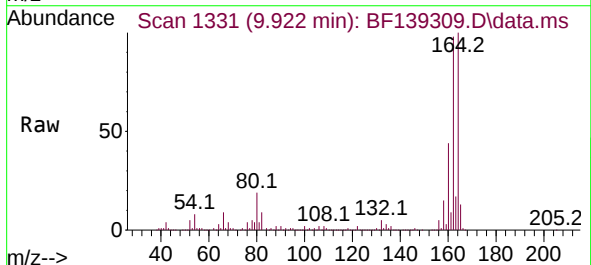
Instrument :
BNA_F
ClientSampleId :
252805

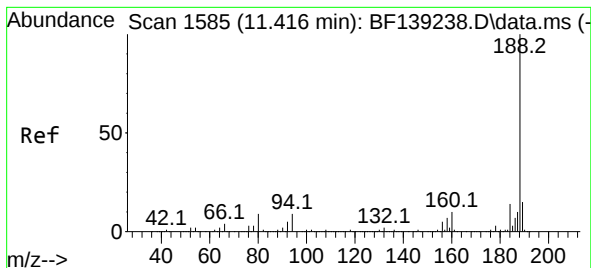
Tgt Ion:138 Resp: 59168
Ion Ratio Lower Upper
138 100
108 1.0 8.6 13.0#
92 0.0 96.4 144.6#



#57
2,4-Dinitrotoluene
Concen: 7.274 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:165 Resp: 26122
Ion Ratio Lower Upper
165 100
63 2.0 43.4 65.0#
89 1.7 64.2 96.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

Instrument :

BNA_F

ClientSampleId :

252805

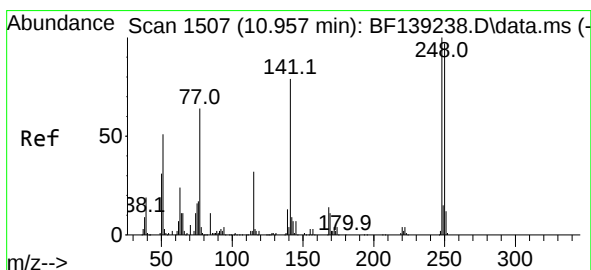
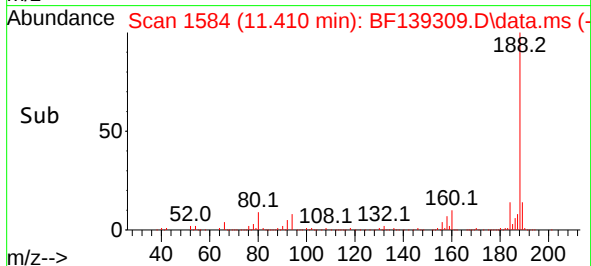
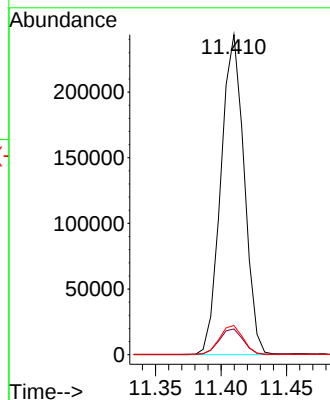
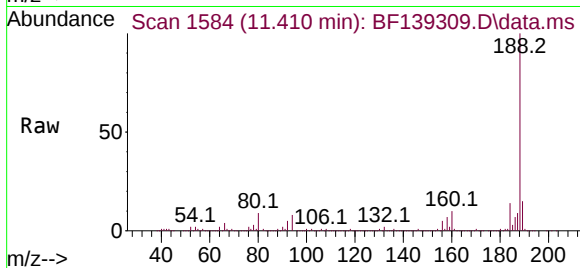
Tgt Ion:188 Resp: 300479

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 9.1 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.955 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

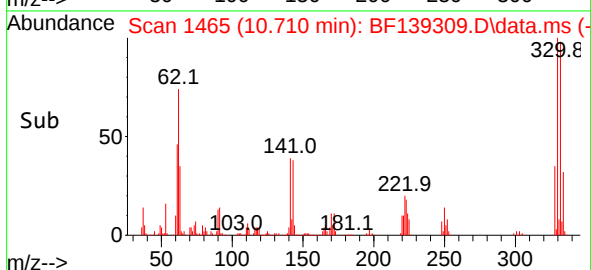
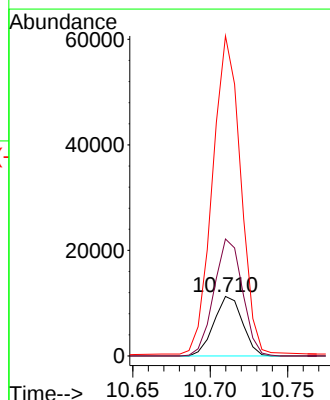
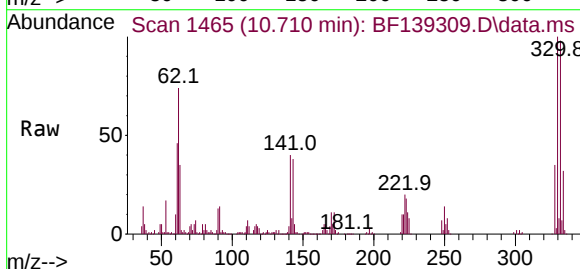
Tgt Ion:248 Resp: 14446

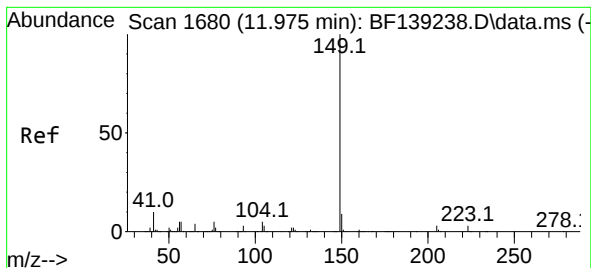
Ion Ratio Lower Upper

248 100

250 196.4 77.2 115.8#

141 537.7 63.6 95.4#





#74

Di-n-butylphthalate

Concen: 2.032 ng

RT: 11.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

Instrument :

BNA_F

ClientSampleId :

252805

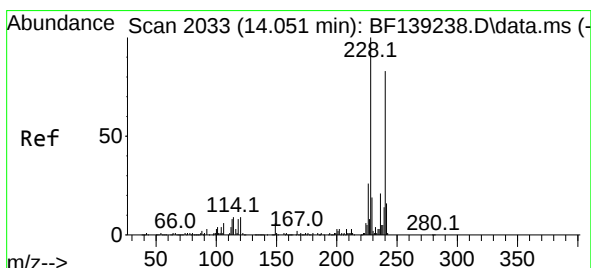
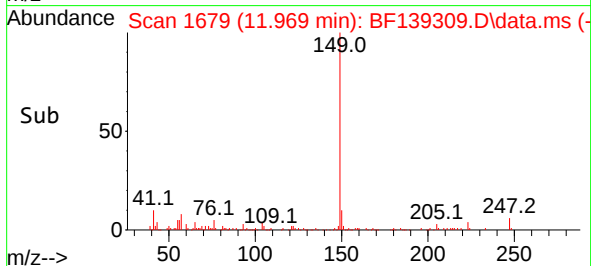
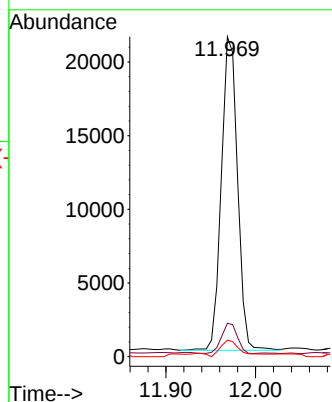
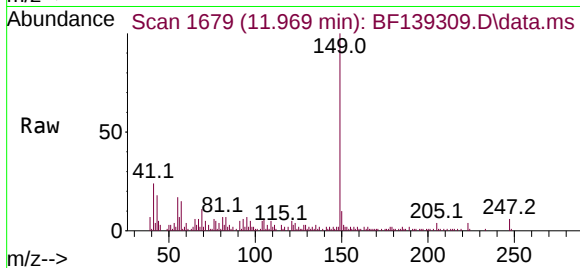
Tgt Ion:149 Resp: 26670

Ion Ratio Lower Upper

149 100

150 10.4 7.5 11.3

104 5.2 3.9 5.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

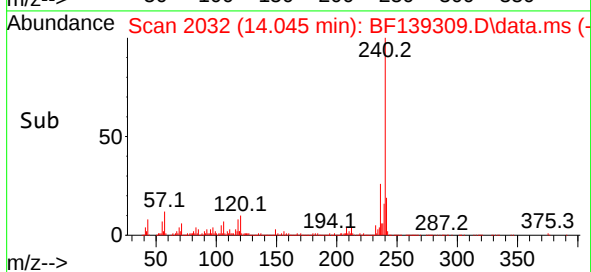
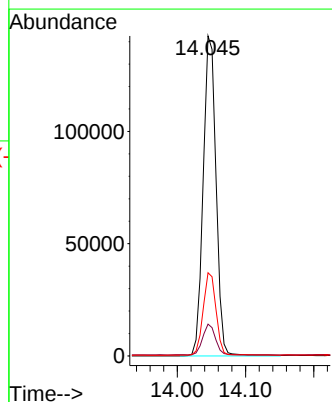
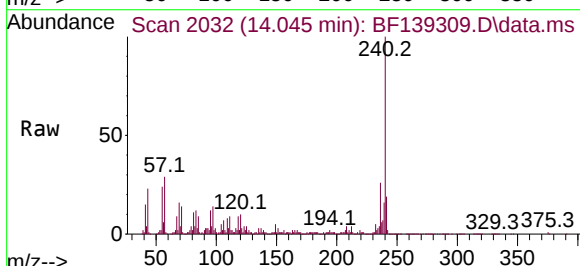
Tgt Ion:240 Resp: 187491

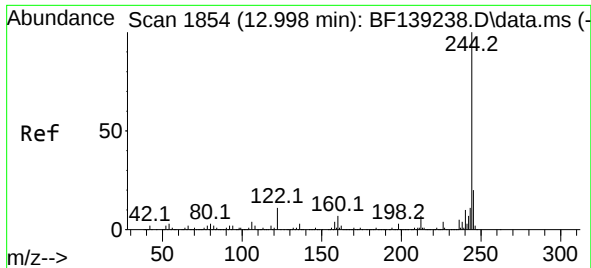
Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 26.0 20.7 31.1

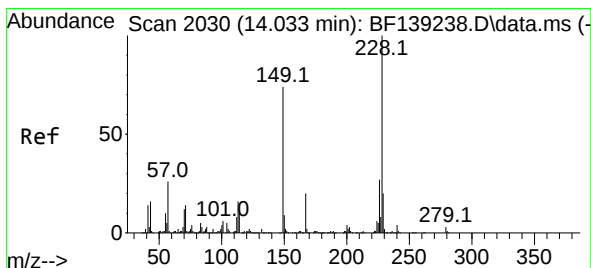
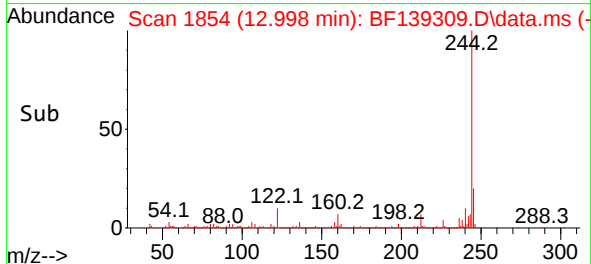
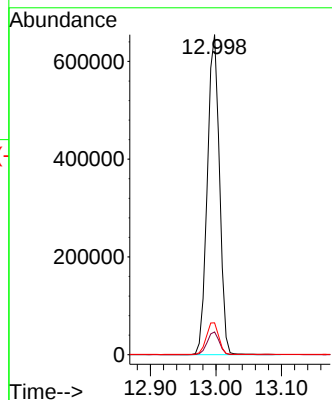
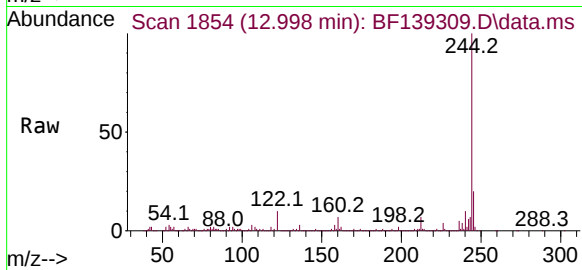




#79
 Terphenyl-d14
 Concen: 72.719 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139309.D
 Acq: 10 Sep 2024 20:00

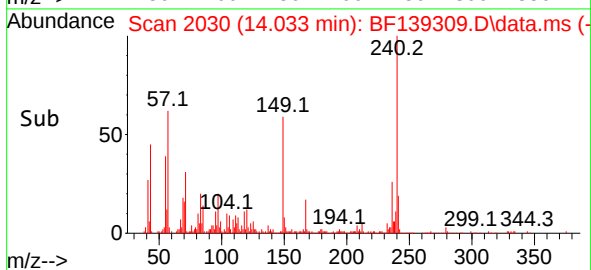
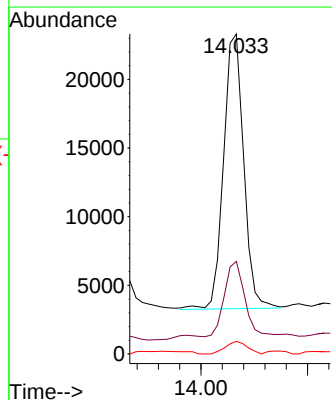
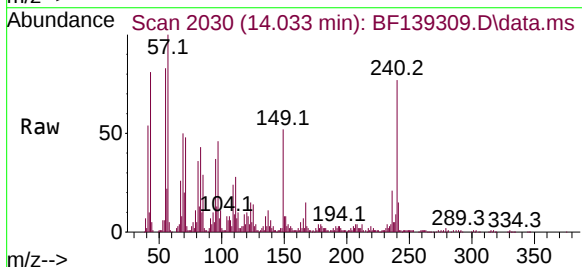
Instrument :
 BNA_F
 ClientSampleId :
 252805

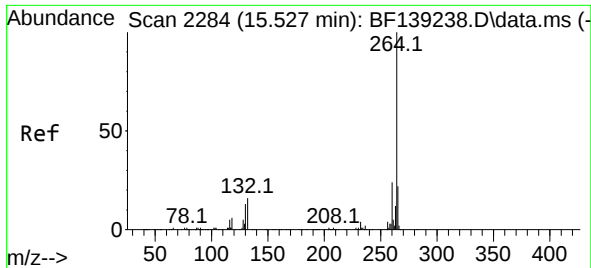
Tgt Ion:244 Resp: 844442
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.0 8.7 13.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.250 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF139309.D
 Acq: 10 Sep 2024 20:00

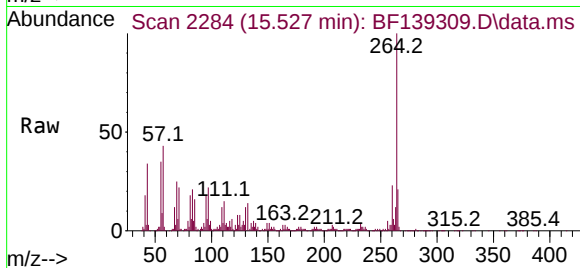
Tgt Ion:149 Resp: 26271
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.8 32.6
 279 3.9 3.0 4.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Instrument :
BNA_F
ClientSampleId :
252805



Tgt Ion:264 Resp: 146626
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 20.9 17.3 25.9

