

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138448.D
 Acq On : 03 Jul 2024 16:11
 Operator : CG\JU
 Sample : P3129-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4259

Quant Time: Jul 03 16:33:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

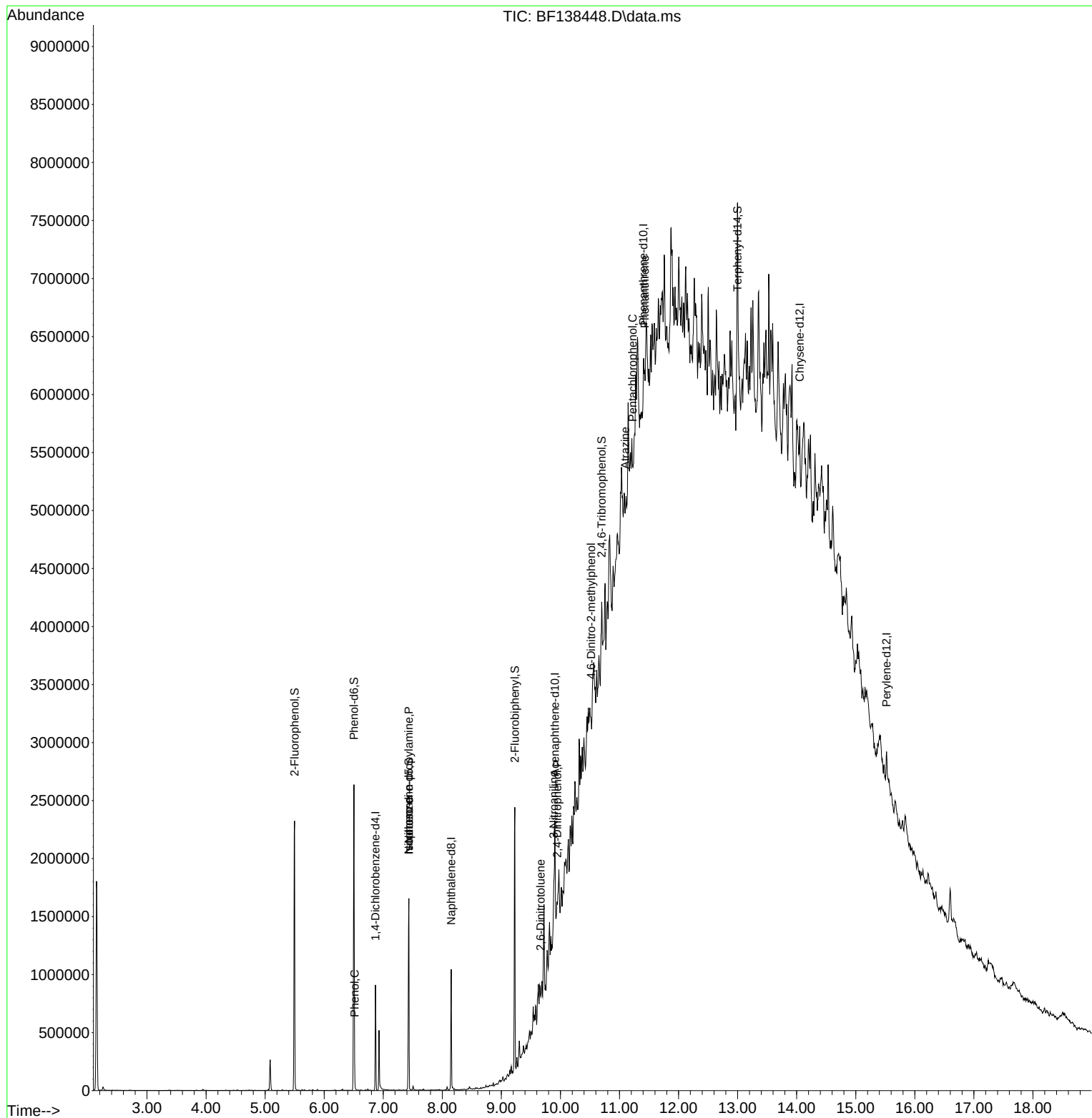
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	110440	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	386371	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	145381	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	175336	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	147349	20.000	ng	0.02
86) Perylene-d12	15.521	264	119492	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	570459	85.639	ng	0.00
7) Phenol-d6	6.504	99	753044	83.920	ng	-0.01
23) Nitrobenzene-d5	7.434	82	472049	63.467	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	85139	71.679	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	670171	73.362	ng	0.00
79) Terphenyl-d14	12.998	244	494499	45.991	ng	0.02
Target Compounds						
						Qvalue
10) Phenol	6.516	94	38087	3.984	ng	94
19) n-Nitroso-di-n-propyla...	7.434	70	65477	11.575	ng	# 76
25) Isophorone	7.434	82	472044	34.420	ng	# 67
51) 2,6-Dinitrotoluene	9.663	165	5014	2.396	ng	# 28
53) 3-Nitroaniline	9.886	138	7500	3.629	ng	# 33
54) 2,4-Dinitrophenol	9.945	184	68	8.999	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.522	198	1025	6.760	ng	# 1
69) Atrazine	11.098	200	5880	3.853	ng	# 1
70) Pentachlorophenol	11.222	266	3058	2.901	ng	# 1
71) Phenanthrene	11.427	178	20254	2.366	ng	# 1

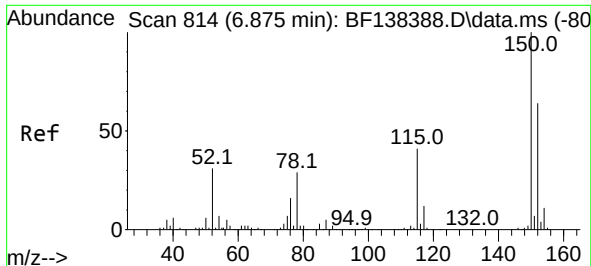
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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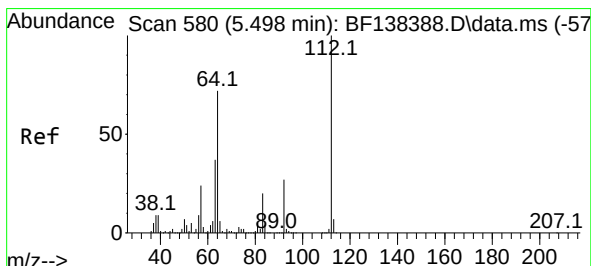
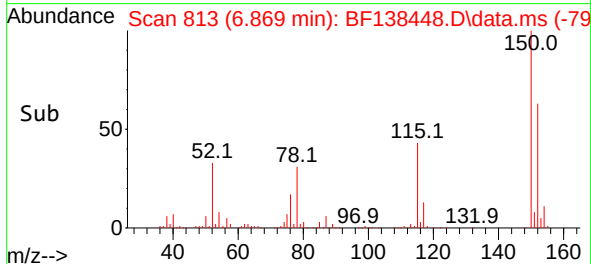
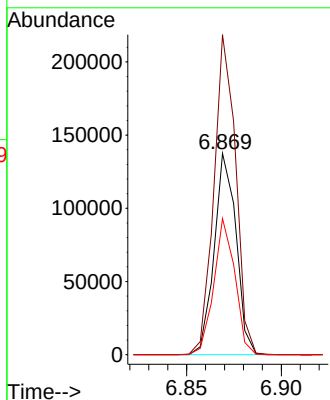
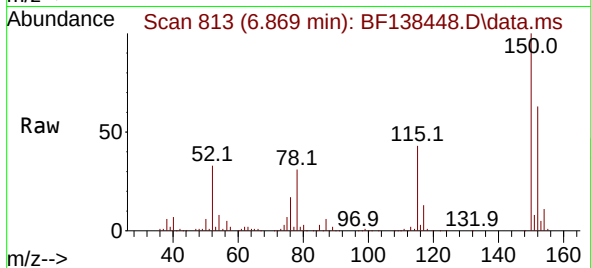




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

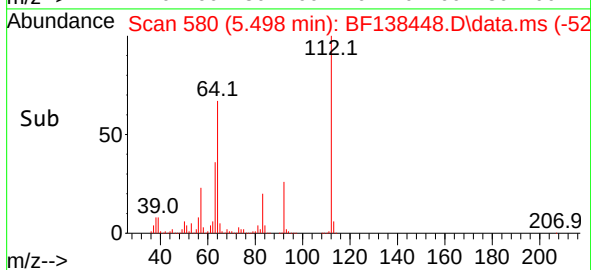
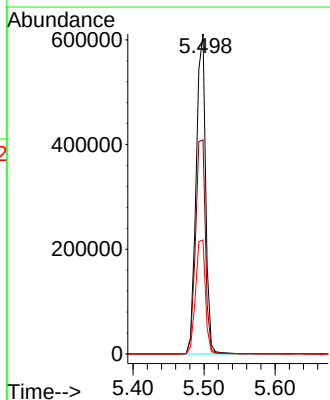
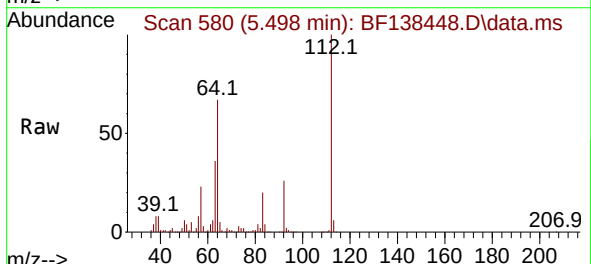
Instrument :
BNA_F
ClientSampleId :
RT4259

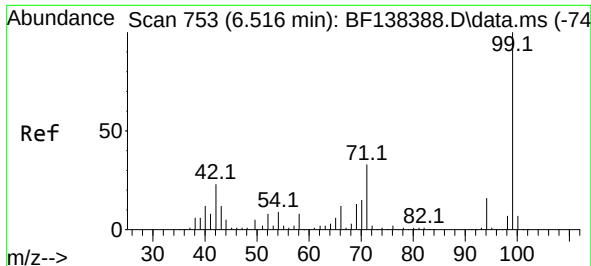
Tgt Ion:152 Resp: 110440
Ion Ratio Lower Upper
152 100
150 159.0 124.9 187.3
115 67.7 50.8 76.2



#5
2-Fluorophenol
Concen: 85.639 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:112 Resp: 570459
Ion Ratio Lower Upper
112 100
64 66.9 57.2 85.8
63 35.7 29.4 44.0

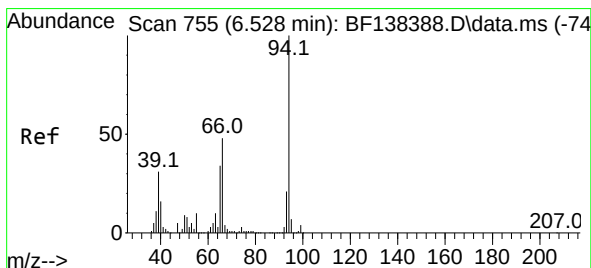
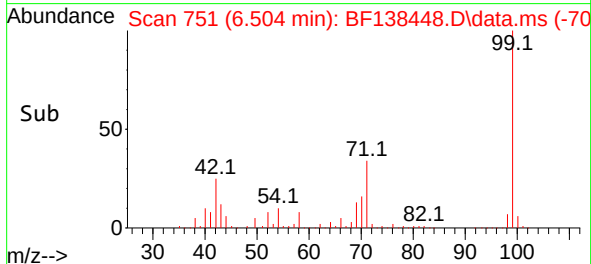
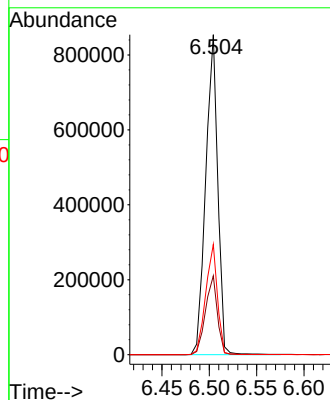
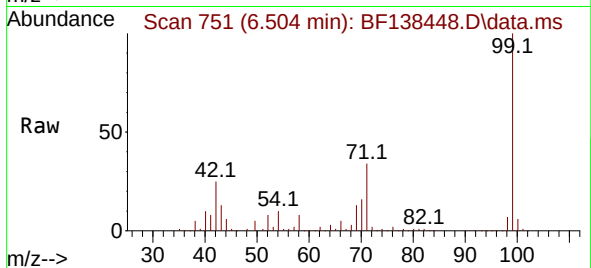




#7
Phenol-d6
Concen: 83.920 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

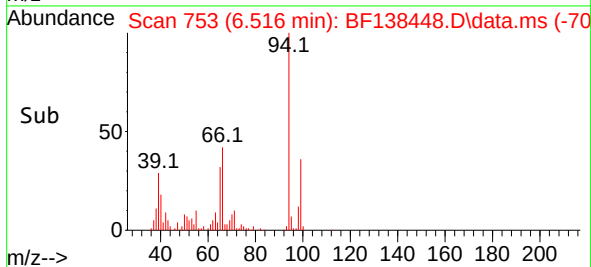
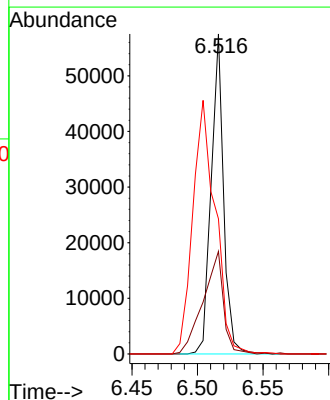
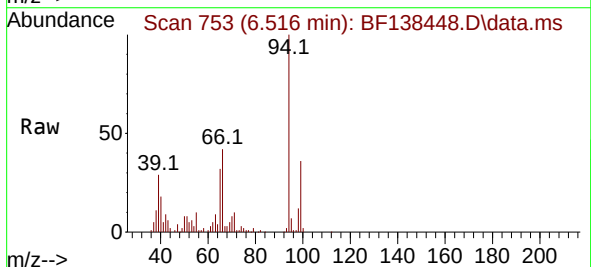
Instrument :
BNA_F
ClientSampleId :
RT4259

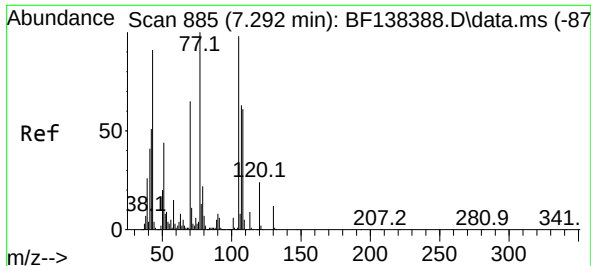
Tgt Ion: 99 Resp: 753044
Ion Ratio Lower Upper
99 100
42 24.7 18.5 27.7
71 34.5 26.1 39.1



#10
Phenol
Concen: 3.984 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion: 94 Resp: 38087
Ion Ratio Lower Upper
94 100
65 32.1 14.2 54.2
66 42.3 27.9 67.9

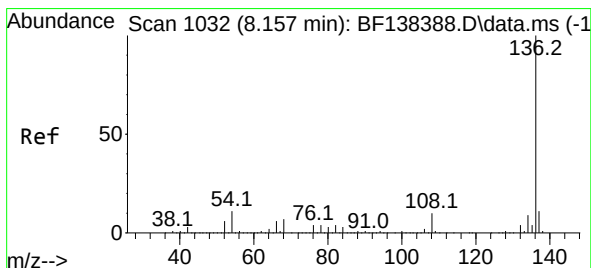
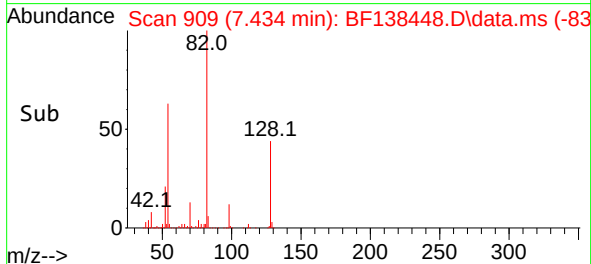
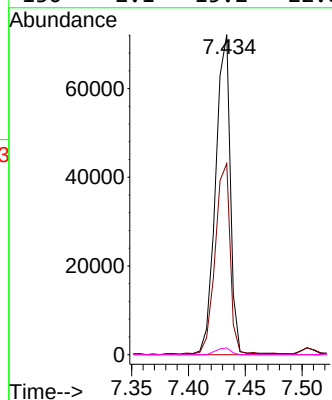
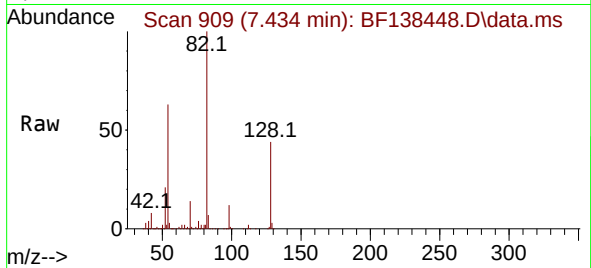




#19
n-Nitroso-di-n-propylamine
Concen: 11.575 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

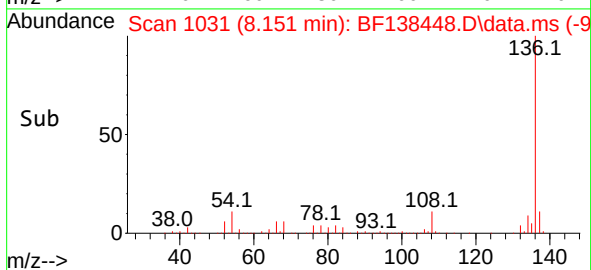
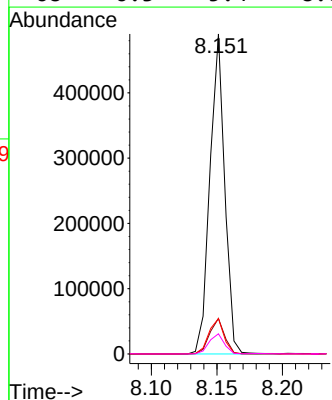
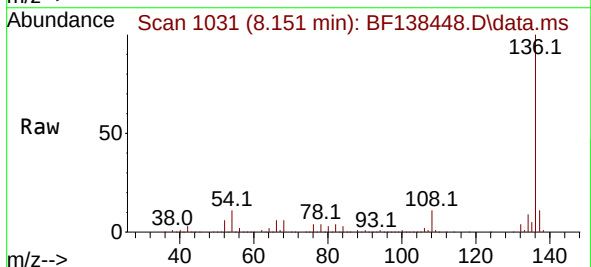
Instrument :
BNA_F
ClientSampleId :
RT4259

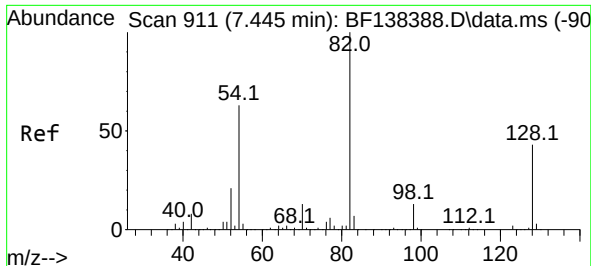
Tgt Ion: 70 Resp: 65477
Ion Ratio Lower Upper
70 100
42 59.7 62.5 93.7#
101 0.0 7.0 10.4#
130 2.1 15.2 22.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion: 136 Resp: 386371
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 11.0 9.0 13.4
68 6.3 5.4 8.0

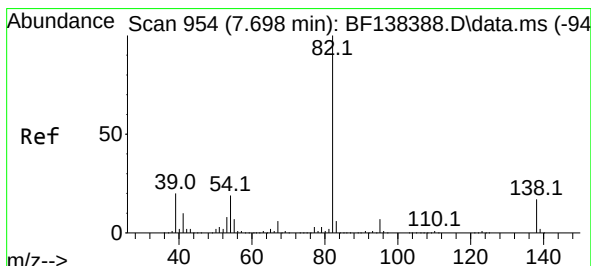
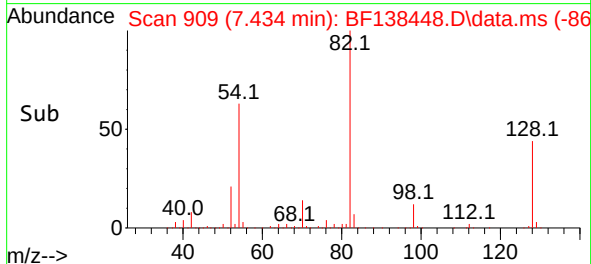
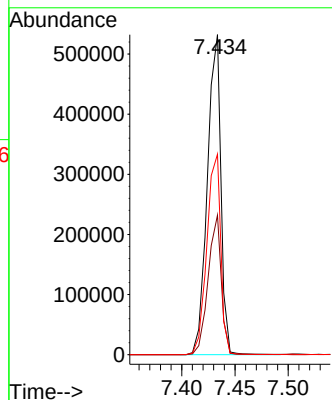
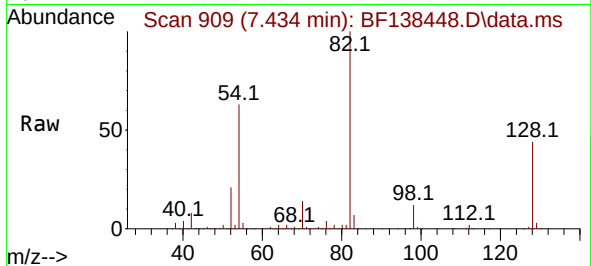




#23
Nitrobenzene-d5
Concen: 63.467 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

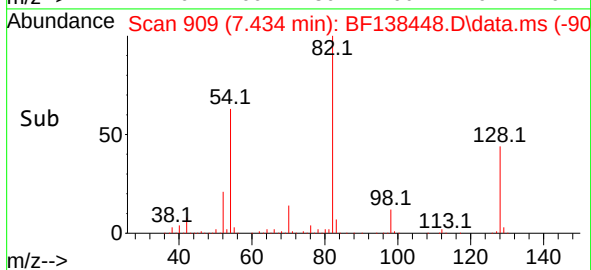
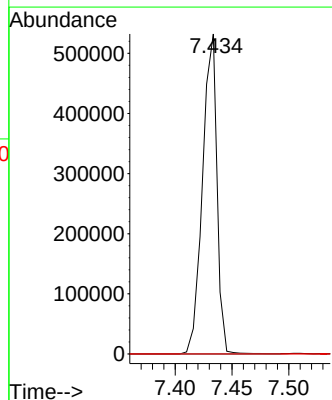
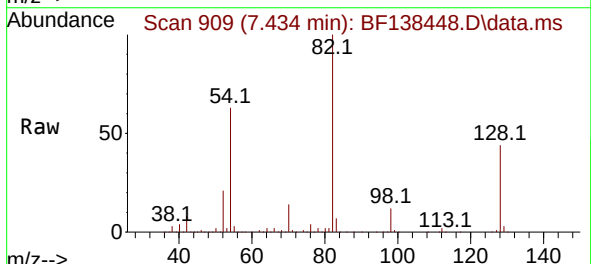
Instrument :
BNA_F
ClientSampleId :
RT4259

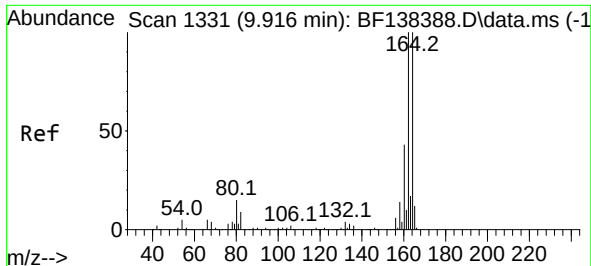
Tgt Ion: 82 Resp: 472049
Ion Ratio Lower Upper
82 100
128 43.6 34.6 52.0
54 62.6 50.5 75.7



#25
Isophorone
Concen: 34.420 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion: 82 Resp: 472044
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.4 20.2#

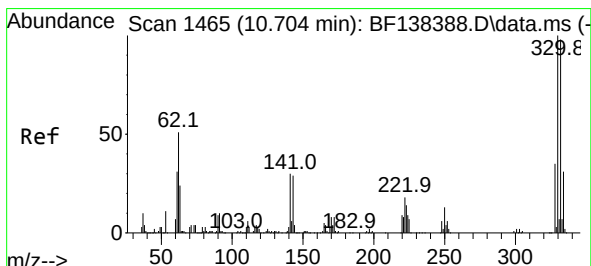
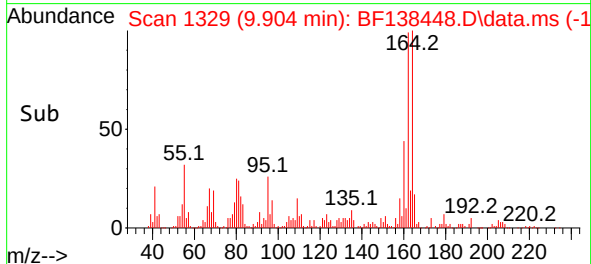
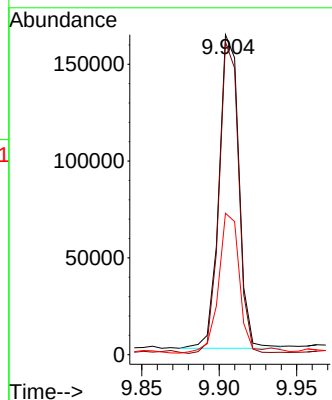
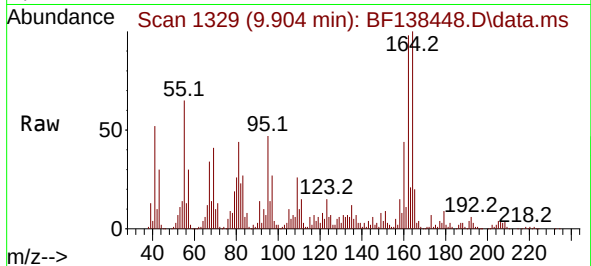




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

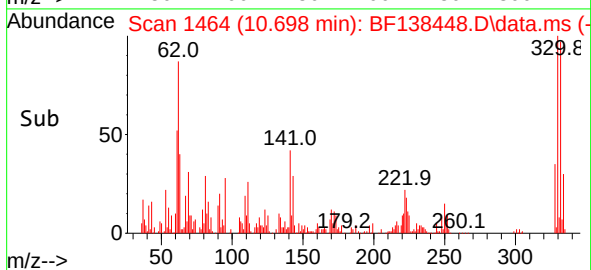
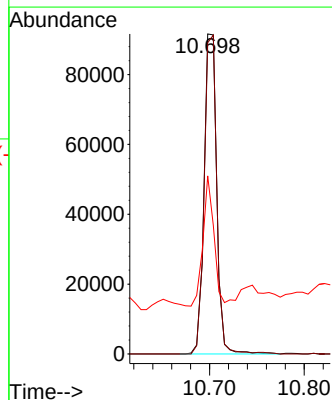
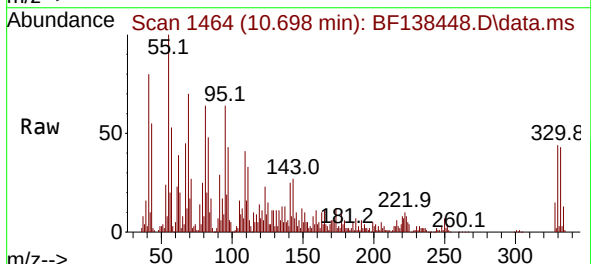
Instrument :
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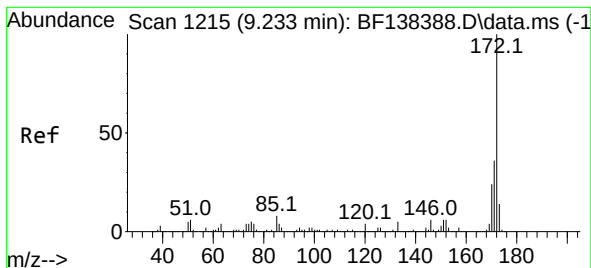
Tgt Ion:164 Resp: 145381
Ion Ratio Lower Upper
164 100
162 97.7 80.1 120.1
160 44.2 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 71.679 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:330 Resp: 85139
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.6
141 35.1 28.1 42.1





#45

2-Fluorobiphenyl

Concen: 73.362 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF138448.D

Acq: 03 Jul 2024 16:11

Instrument :

BNA_F

ClientSampleId :

RT4259

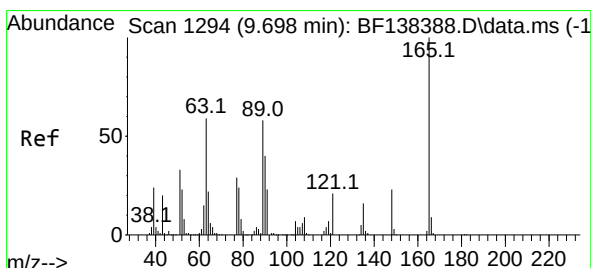
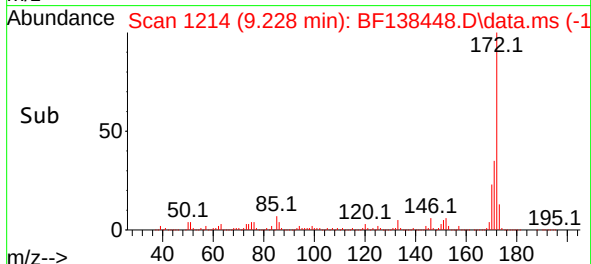
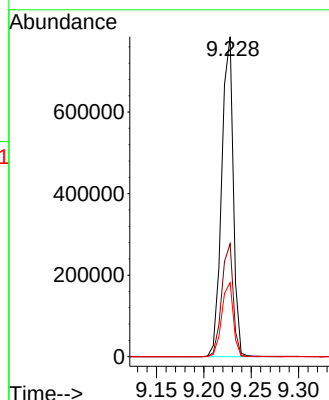
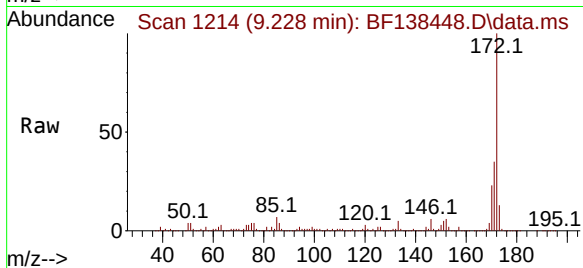
Tgt Ion:172 Resp: 670171

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 2.396 ng

RT: 9.663 min Scan# 1288

Delta R.T. -0.035 min

Lab File: BF138448.D

Acq: 03 Jul 2024 16:11

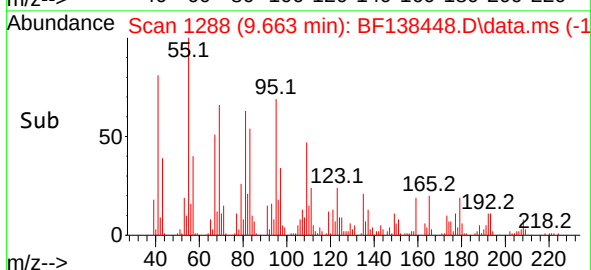
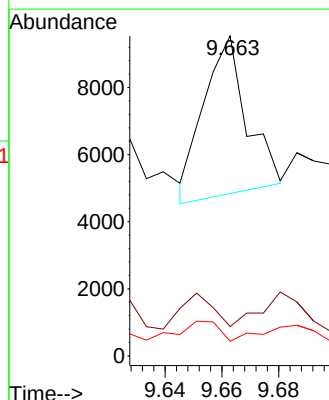
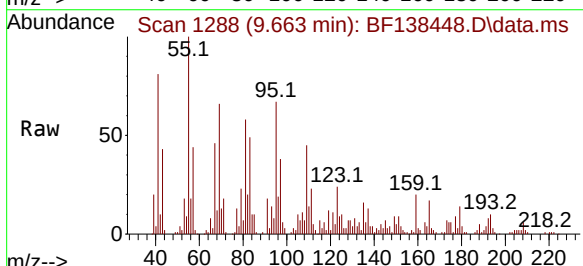
Tgt Ion:165 Resp: 5014

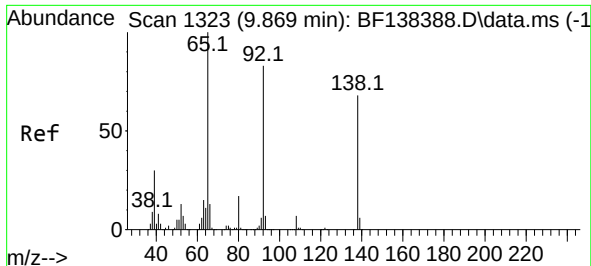
Ion Ratio Lower Upper

165 100

63 9.2 53.8 80.8#

89 4.6 46.4 69.6#

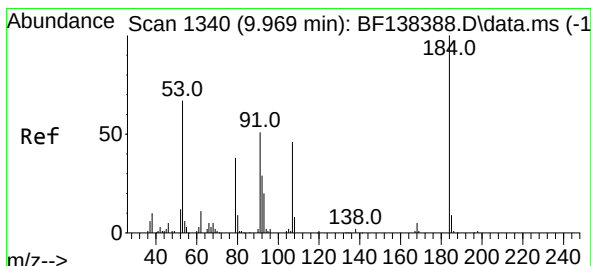
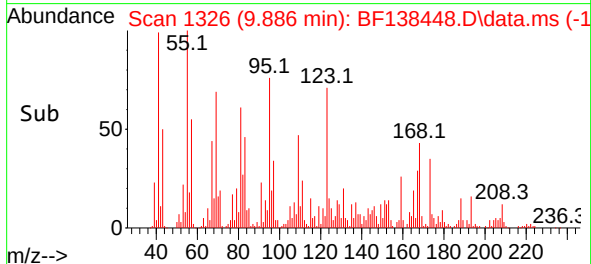
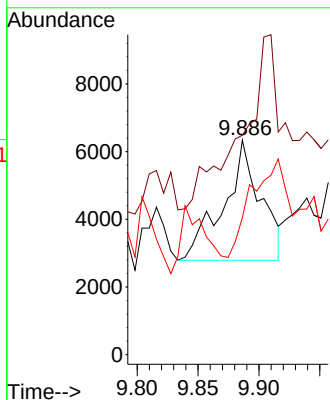
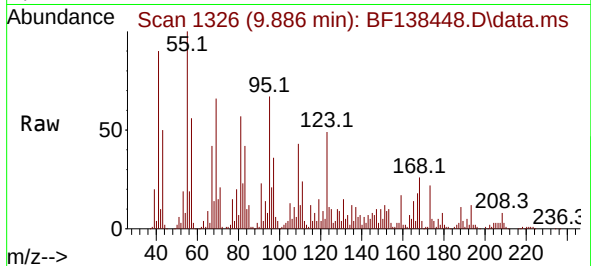




#53
3-Nitroaniline
Concen: 3.629 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

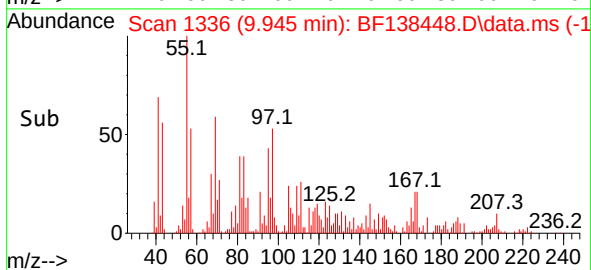
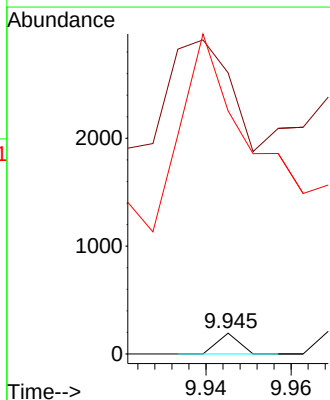
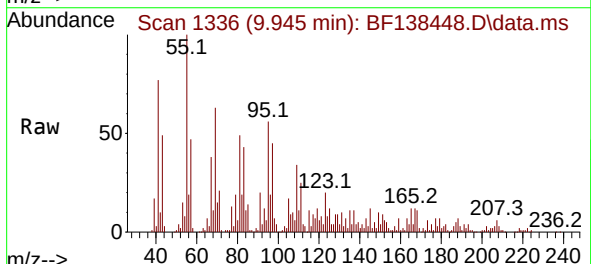
Instrument :
BNA_F
ClientSampleId :
RT4259

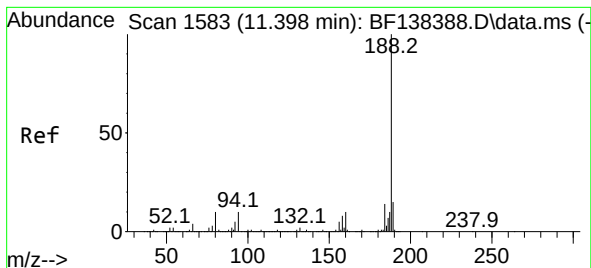
Tgt Ion:138 Resp: 7500
Ion Ratio Lower Upper
138 100
108 102.2 8.6 12.8#
92 63.8 97.3 145.9#



#54
2,4-Dinitrophenol
Concen: 8.999 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.024 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 1351.3 67.3 100.9#
154 1167.9 51.0 76.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138448.D

Acq: 03 Jul 2024 16:11

Instrument :

BNA_F

ClientSampleId :

RT4259

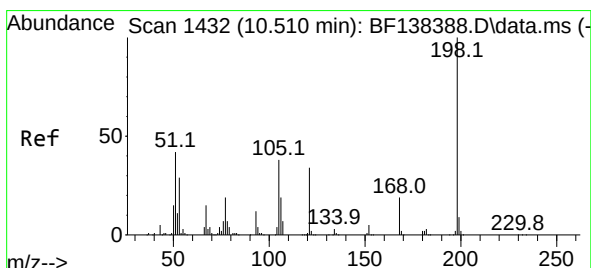
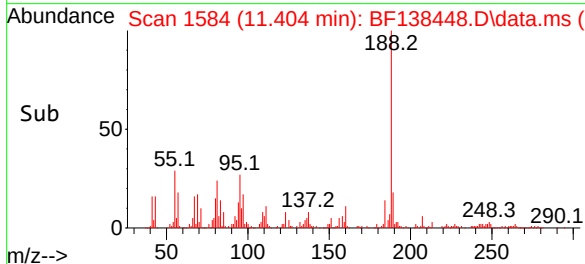
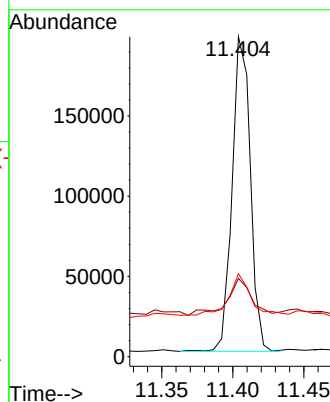
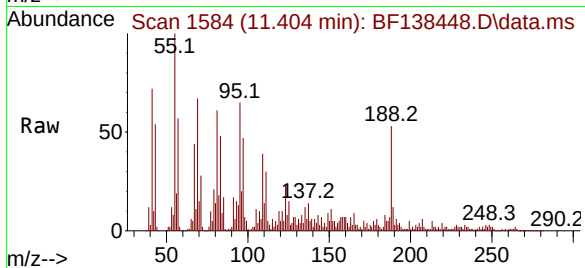
Tgt Ion:188 Resp: 175336

Ion Ratio Lower Upper

188 100

94 24.5 8.0 12.0#

80 25.9 8.2 12.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.760 ng

RT: 10.522 min Scan# 1434

Delta R.T. 0.012 min

Lab File: BF138448.D

Acq: 03 Jul 2024 16:11

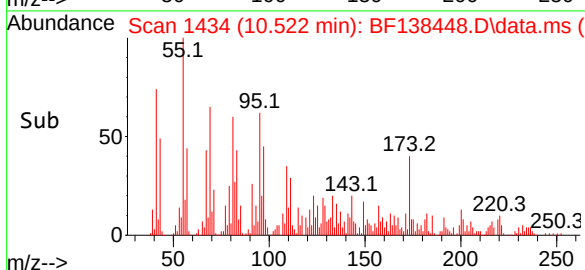
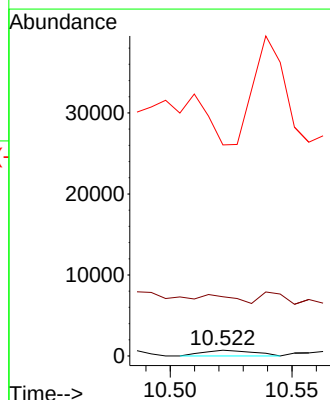
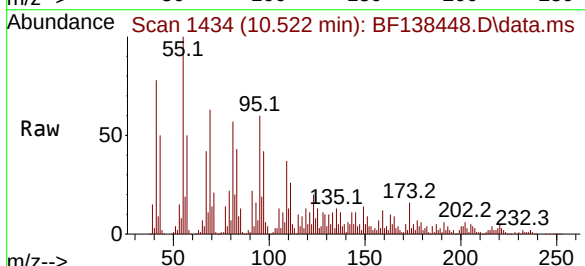
Tgt Ion:198 Resp: 1025

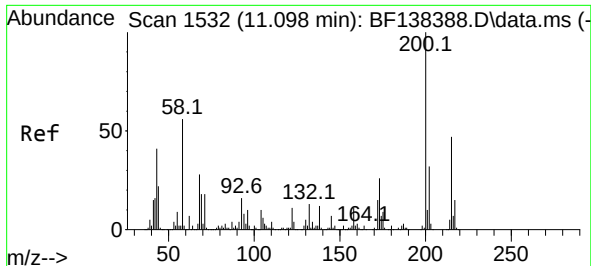
Ion Ratio Lower Upper

198 100

51 1032.6 27.9 67.9#

105 3679.1 18.2 58.2#

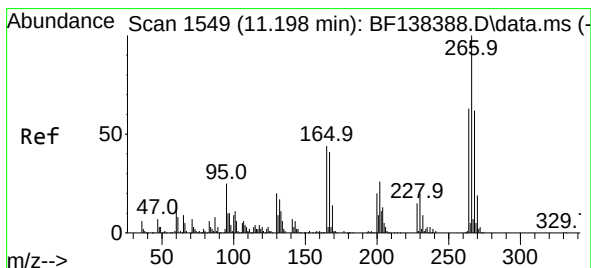
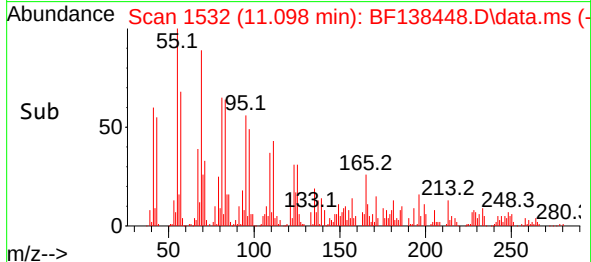
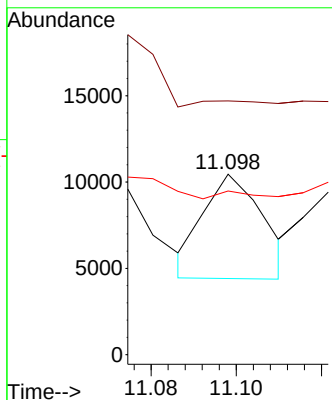
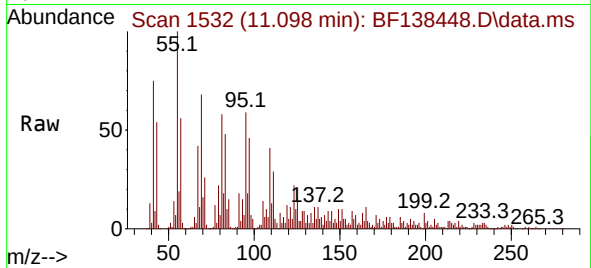




#69
Atrazine
Concen: 3.853 ng
RT: 11.098 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

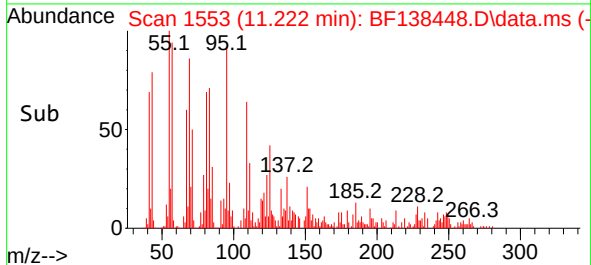
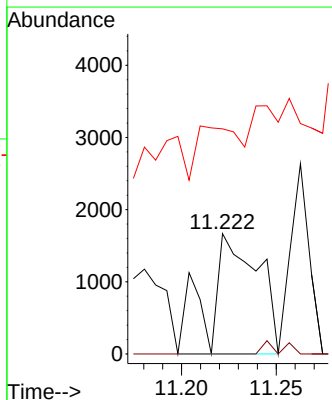
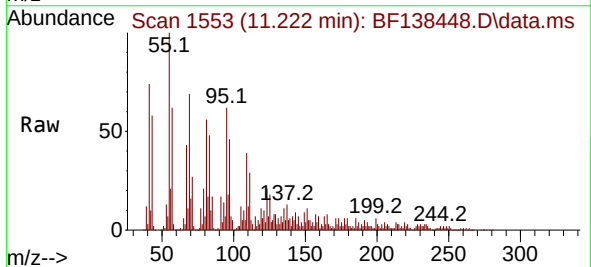
Instrument :
BNA_F
ClientSampleId :
RT4259

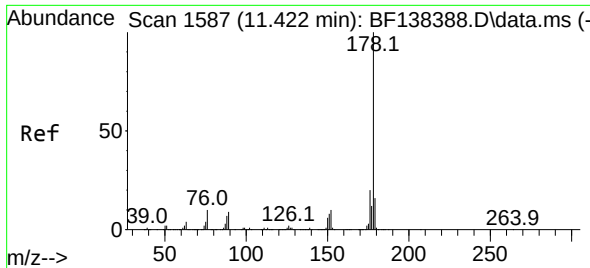
Tgt Ion:200 Resp: 5880
Ion Ratio Lower Upper
200 100
173 140.5 6.2 46.2#
215 90.7 27.4 67.4#



#70
Pentachlorophenol
Concen: 2.901 ng
RT: 11.222 min Scan# 1553
Delta R.T. 0.024 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:266 Resp: 3058
Ion Ratio Lower Upper
266 100
268 0.0 49.9 74.9#
264 187.1 50.0 75.0#

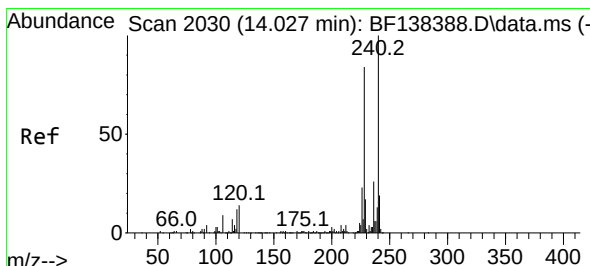
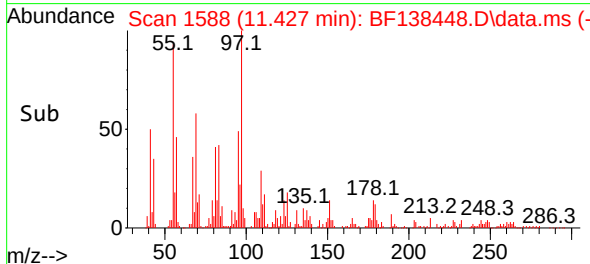
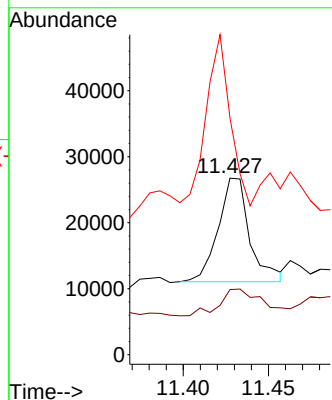
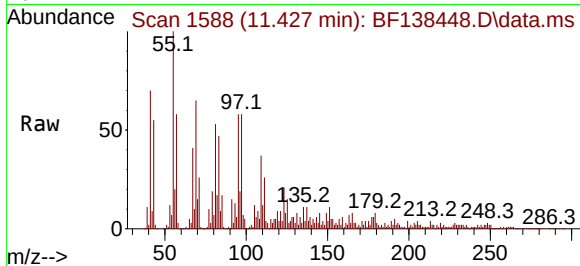




#71
Phenanthrene
Concen: 2.366 ng
RT: 11.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

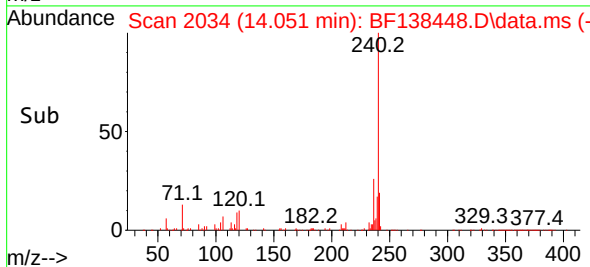
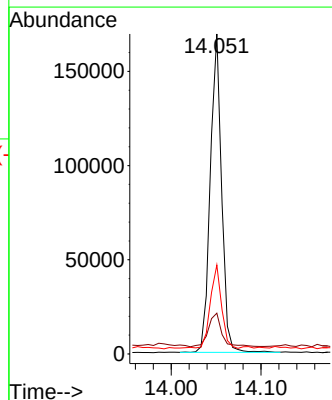
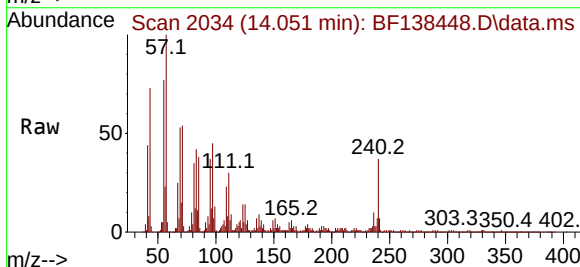
Instrument :
BNA_F
ClientSampleId :
RT4259

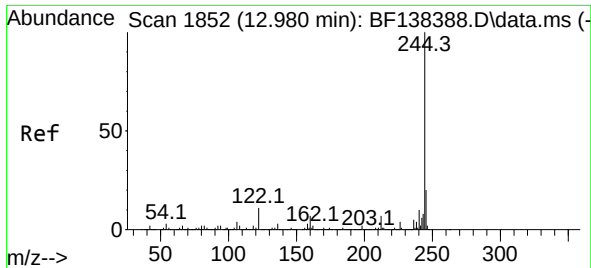
Tgt Ion:178 Resp: 20254
Ion Ratio Lower Upper
178 100
176 36.9 16.1 24.1#
179 134.2 12.6 18.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.024 min
Lab File: BF138448.D
Acq: 03 Jul 2024 16:11

Tgt Ion:240 Resp: 147349
Ion Ratio Lower Upper
240 100
120 12.7 10.9 16.3
236 27.8 20.6 30.8

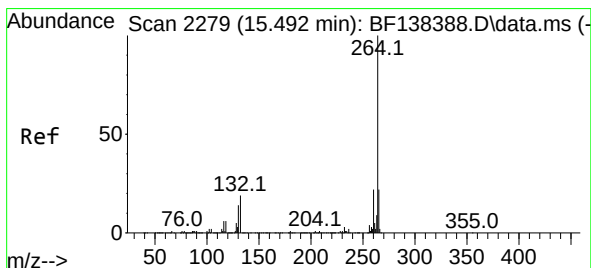
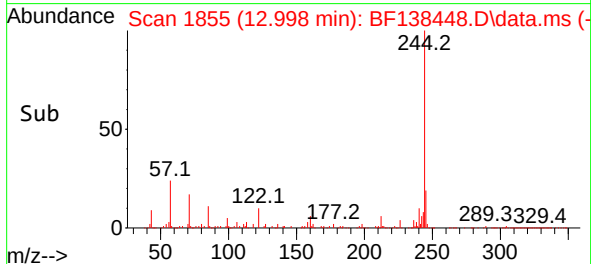
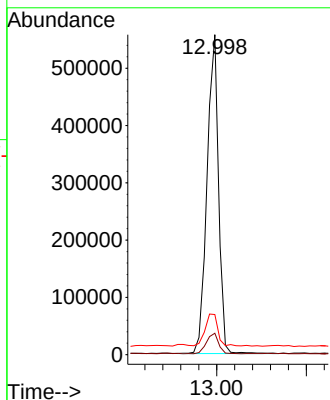
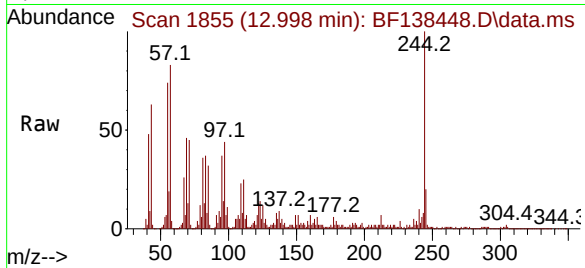




#79
 Terphenyl-d14
 Concen: 45.991 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF138448.D
 Acq: 03 Jul 2024 16:11

Instrument :
 BNA_F
 ClientSampleId :
 RT4259

Tgt Ion:244 Resp: 494499
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 12.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. 0.029 min
 Lab File: BF138448.D
 Acq: 03 Jul 2024 16:11

Tgt Ion:264 Resp: 119492
 Ion Ratio Lower Upper
 264 100
 260 24.2 17.8 26.6
 265 21.4 17.5 26.3

