

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138269.D
 Acq On : 20 Jun 2024 18:42
 Operator : CG\JU
 Sample : P2955-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jun 20 19:06:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

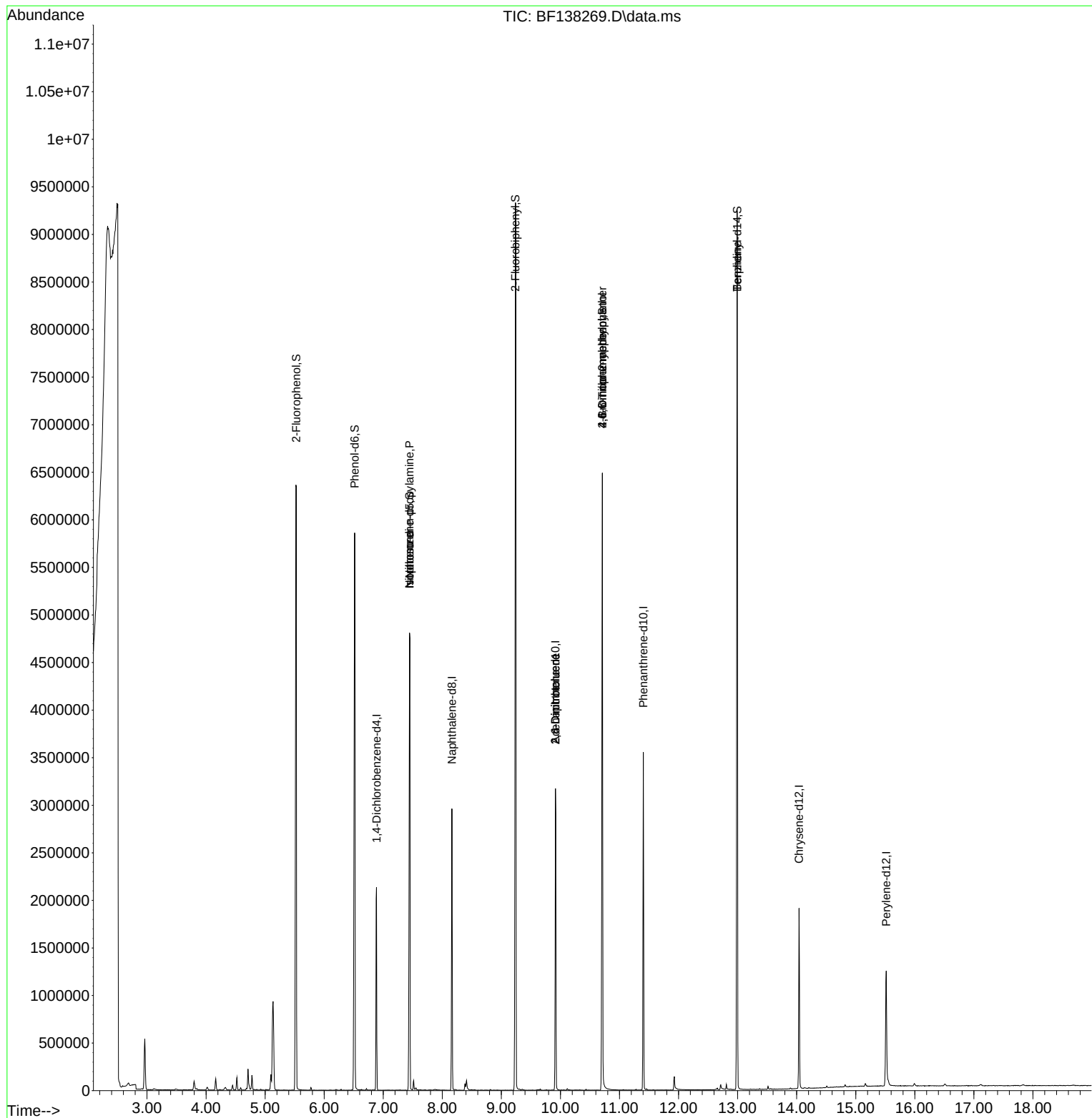
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	319474	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1255126	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	702939	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1183779	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	609885	20.000	ng	-0.01
86) Perylene-d12	15.515	264	626180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2206198	115.521	ng	0.02
7) Phenol-d6	6.516	99	2570762	106.156	ng	0.00
23) Nitrobenzene-d5	7.445	82	1862216	86.375	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	901875	128.878	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3397070	76.847	ng	-0.01
79) Terphenyl-d14	12.992	244	3370390	87.527	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	250340	17.440	ng	# 78
25) Isophorone	7.445	82	1859831	47.692	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	91144	9.755	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	91144	7.909	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1926	7.207	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	57577	4.316	ng	# 1
77) Benzidine	12.992	184	43917	6.226	ng	# 93

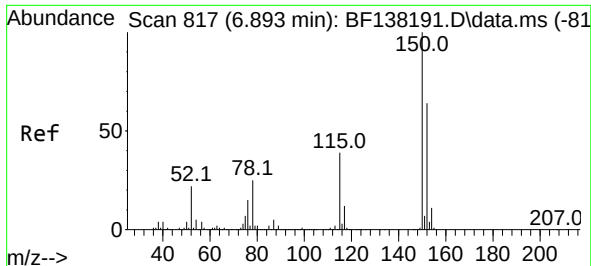
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
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QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

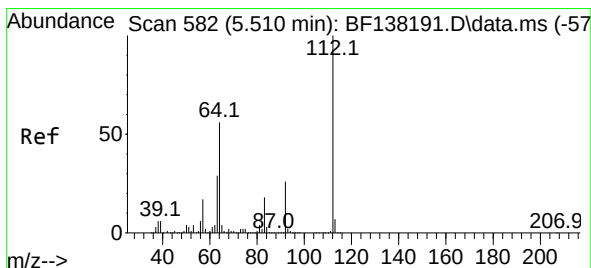
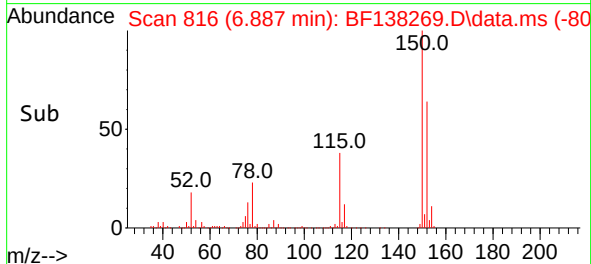
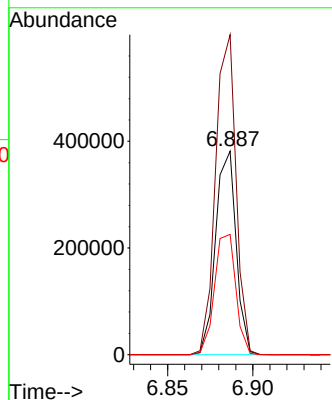
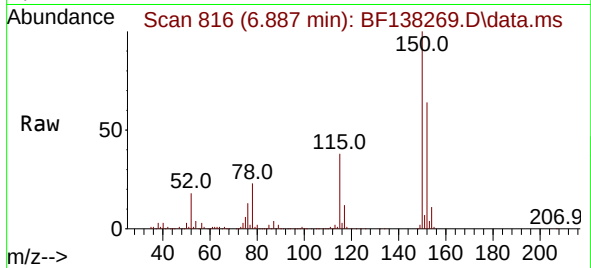




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

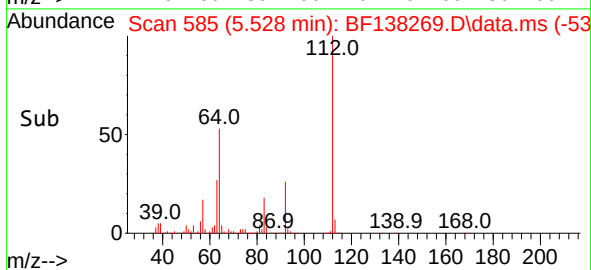
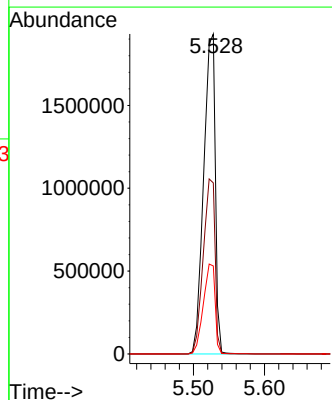
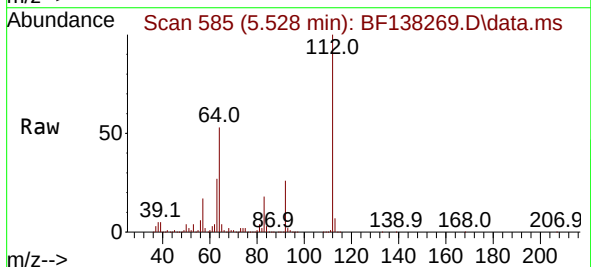
Instrument :
BNA_F
ClientSampleId :
TP-1

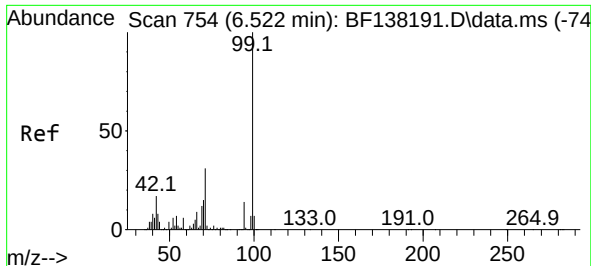
Tgt Ion:152 Resp: 319474
Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.4
115 59.1 48.4 72.6



#5
2-Fluorophenol
Concen: 115.521 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion:112 Resp: 2206198
Ion Ratio Lower Upper
112 100
64 53.5 45.2 67.8
63 27.5 22.9 34.3

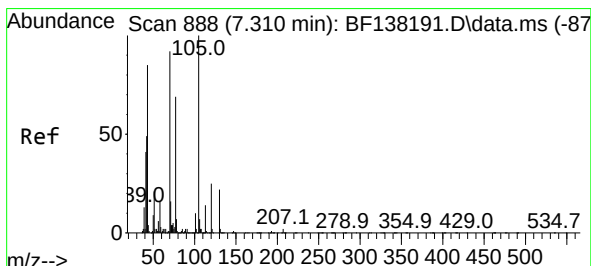
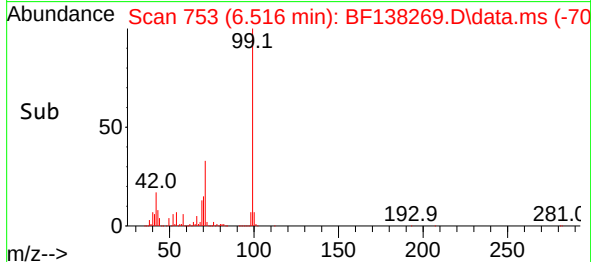
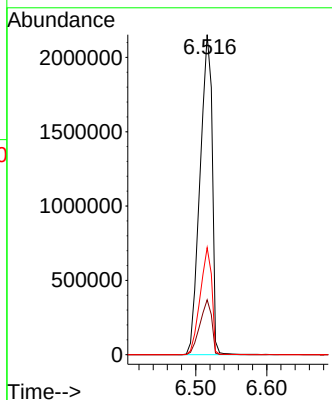
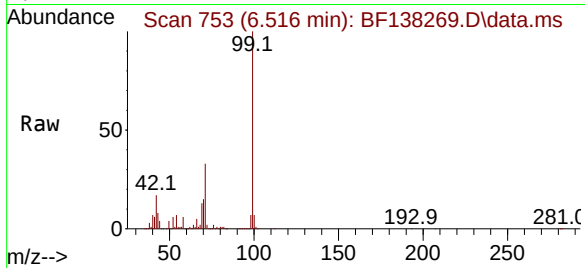




#7
Phenol-d6
Concen: 106.156 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

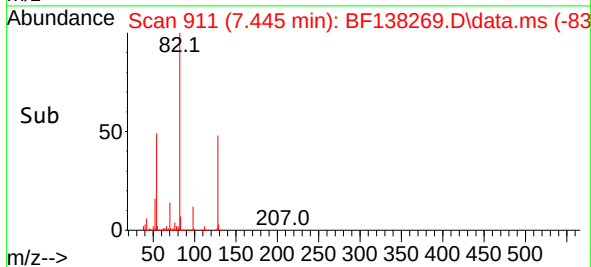
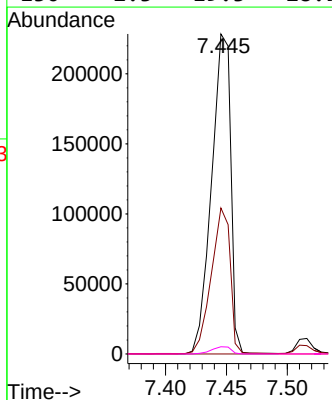
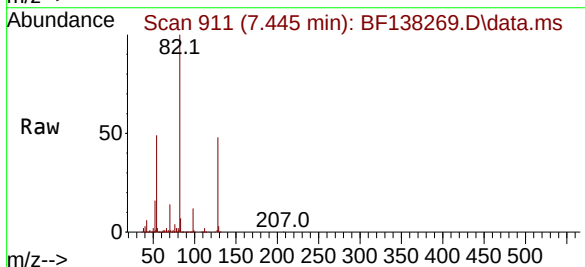
Instrument :
BNA_F
ClientSampleId :
TP-1

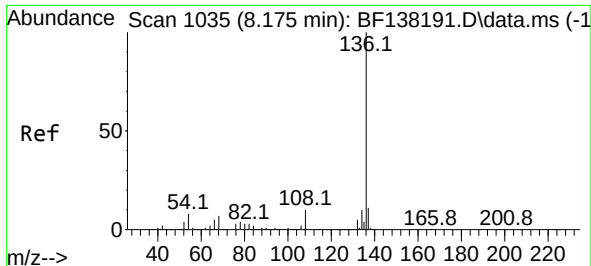
Tgt Ion: 99 Resp: 2570762
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 33.4 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.440 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion: 70 Resp: 250340
Ion Ratio Lower Upper
70 100
42 45.6 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#



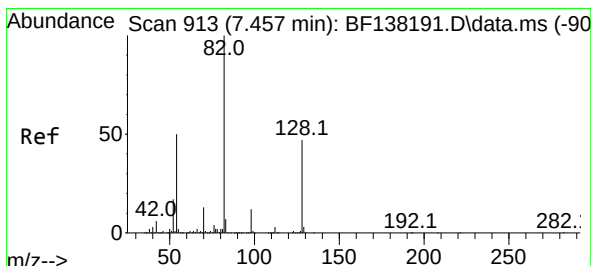
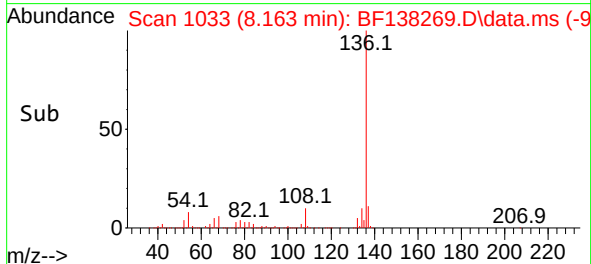
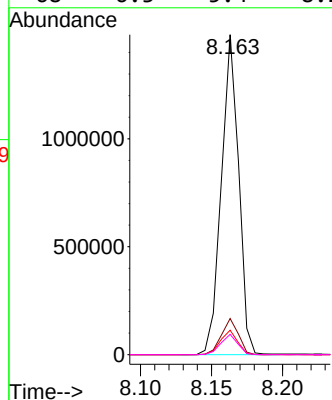
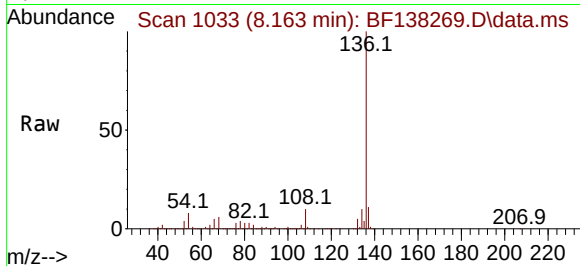


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 1255126

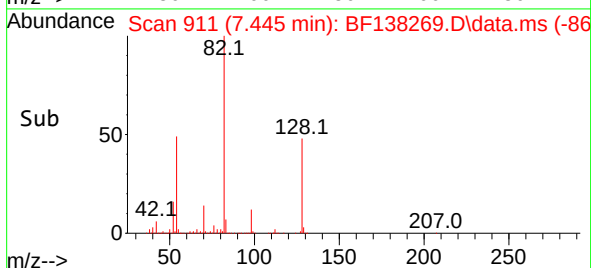
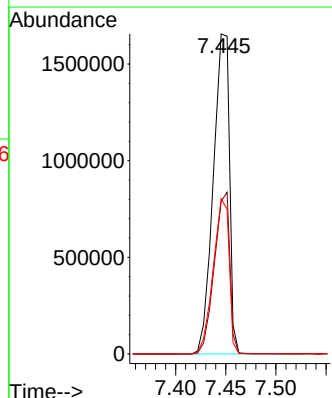
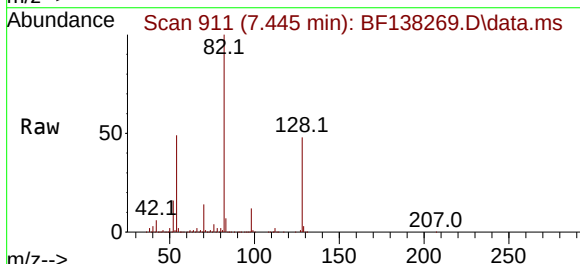
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.6	6.6	10.0
68	6.3	5.4	8.2

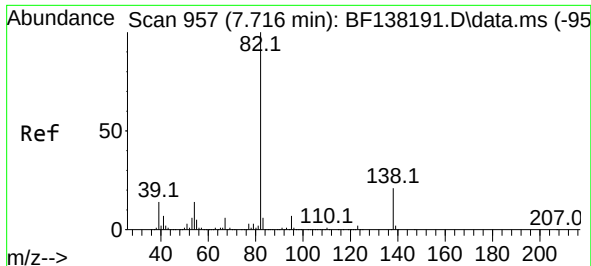


#23
Nitrobenzene-d5
Concen: 86.375 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion: 82 Resp: 1862216

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.2	55.8
54	48.5	39.8	59.6

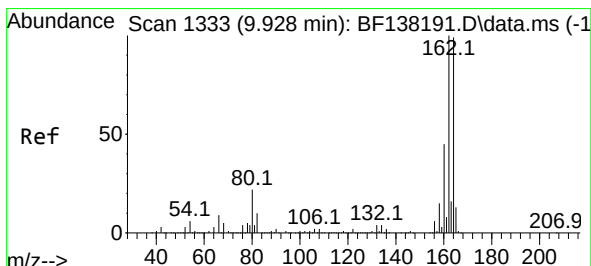
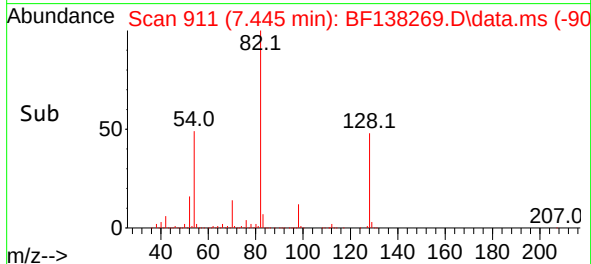
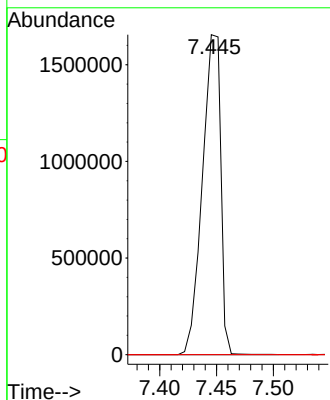
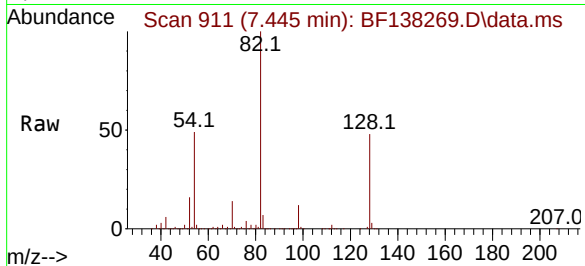




#25
Isophorone
Concen: 47.692 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

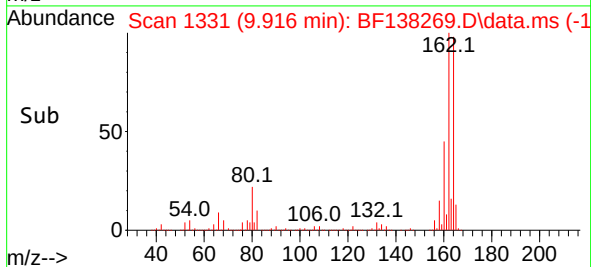
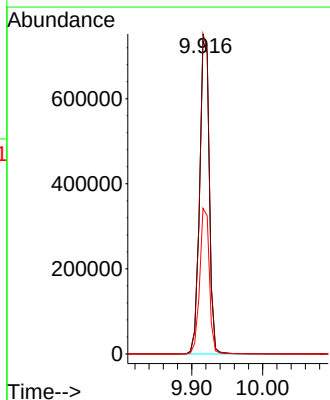
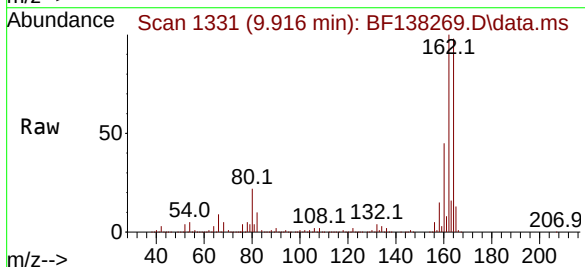
Instrument :
BNA_F
ClientSampleId :
TP-1

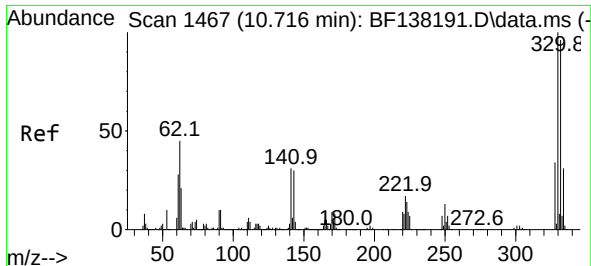
Tgt Ion: 82 Resp: 1859831
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion: 164 Resp: 702939
Ion Ratio Lower Upper
164 100
162 102.2 80.6 121.0
160 46.5 36.3 54.5

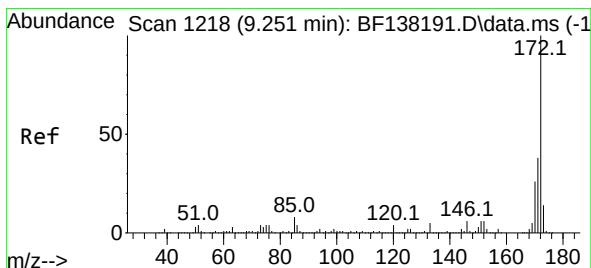
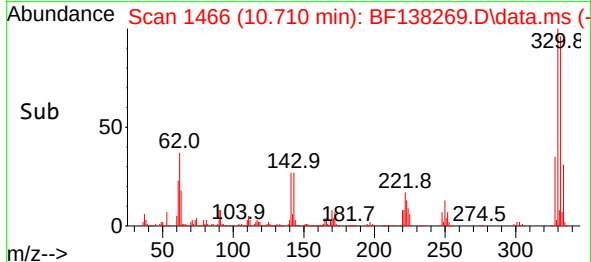
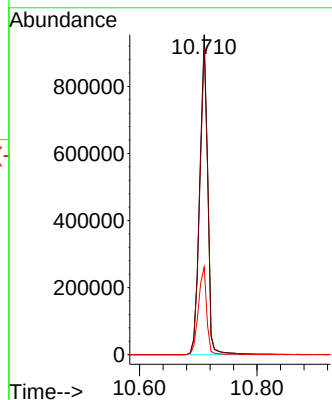
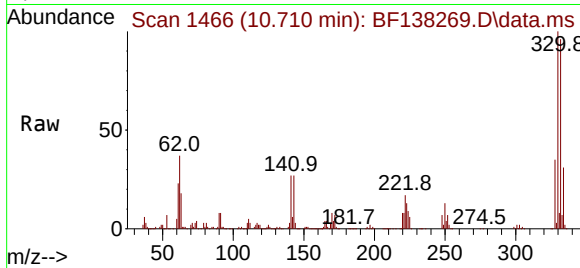




#42
 2,4,6-Tribromophenol
 Concen: 128.878 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. -0.006 min
 Lab File: BF138269.D
 Acq: 20 Jun 2024 18:42

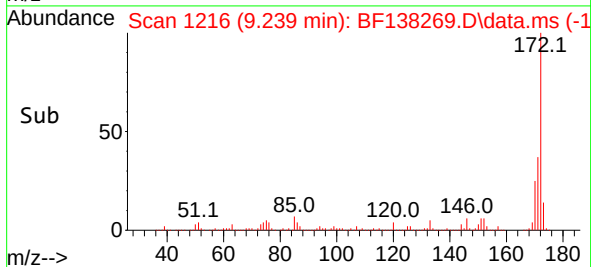
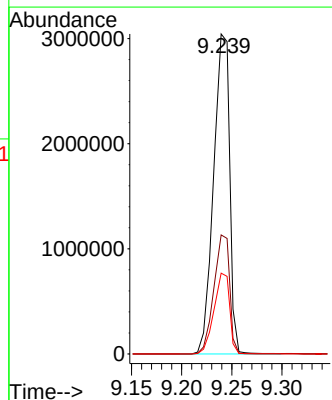
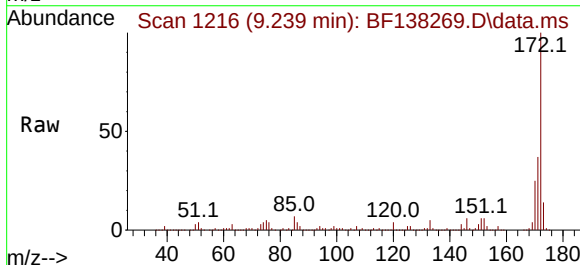
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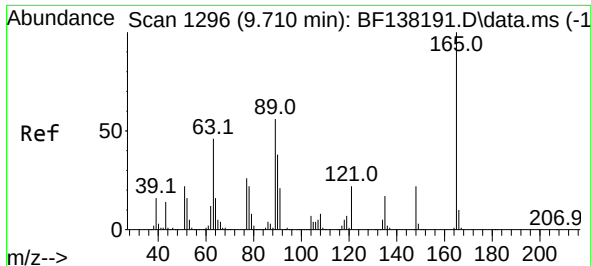
Tgt Ion: 330 Resp: 901875
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 28.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 76.847 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. -0.012 min
 Lab File: BF138269.D
 Acq: 20 Jun 2024 18:42

Tgt Ion: 172 Resp: 3397070
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.3 45.5
 170 25.2 20.6 30.8

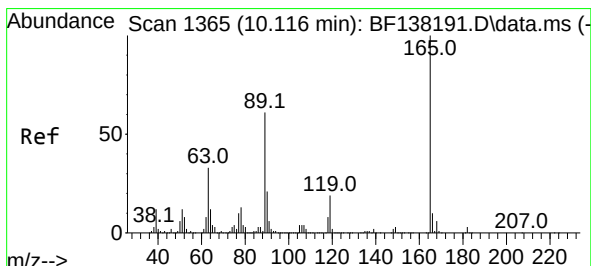
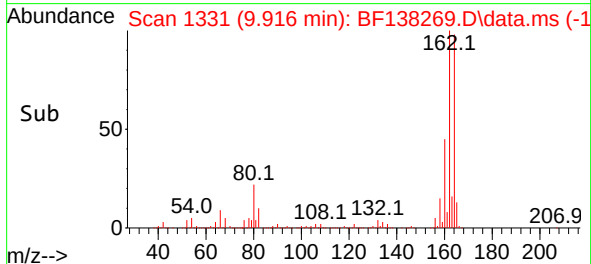
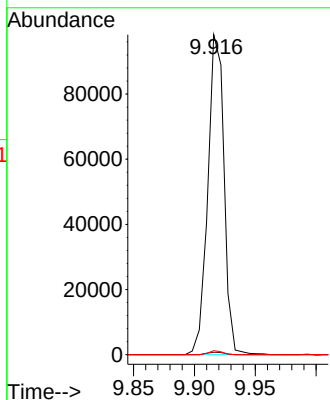
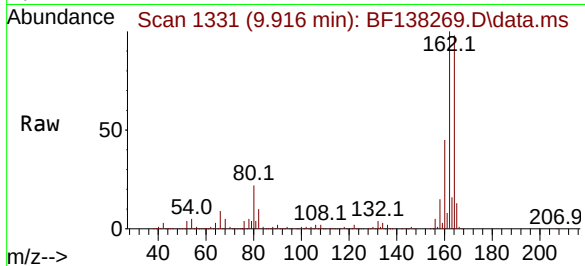




#51
2,6-Dinitrotoluene
Concen: 9.755 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

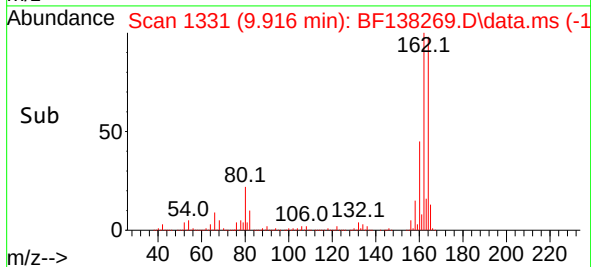
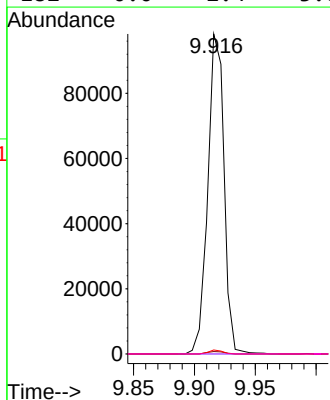
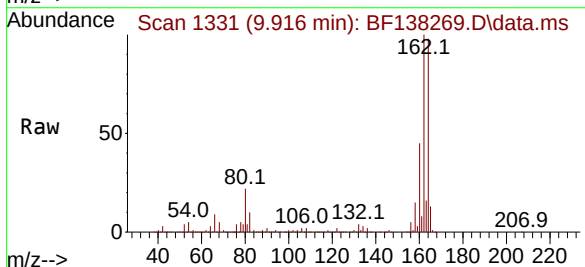
Instrument :
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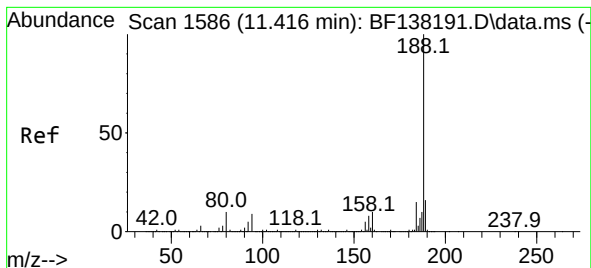
Tgt Ion:165 Resp: 91144
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 1.3 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.909 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion:165 Resp: 91144
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 1.3 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138269.D

Acq: 20 Jun 2024 18:42

Instrument :

BNA_F

ClientSampleId :

TP-1

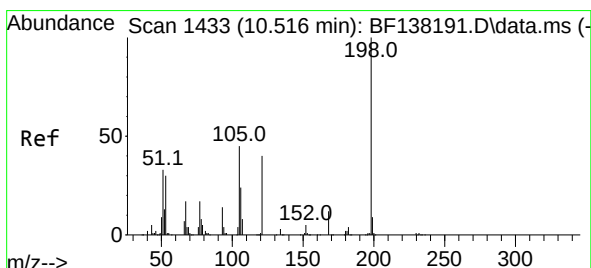
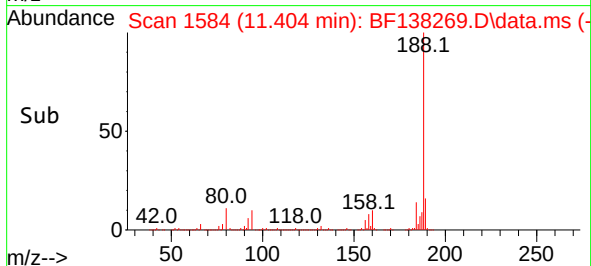
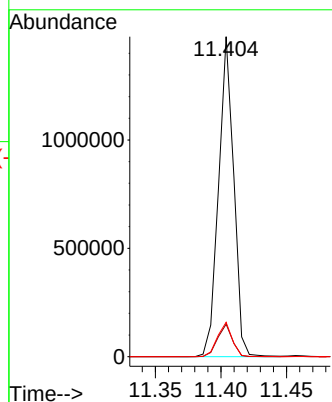
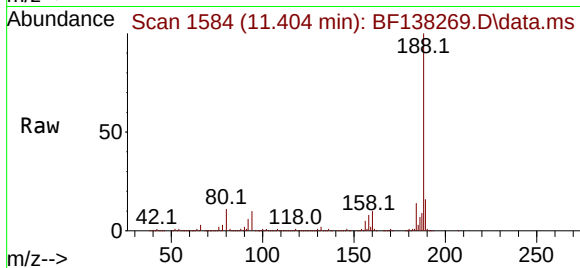
Tgt Ion:188 Resp: 1183779

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.207 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138269.D

Acq: 20 Jun 2024 18:42

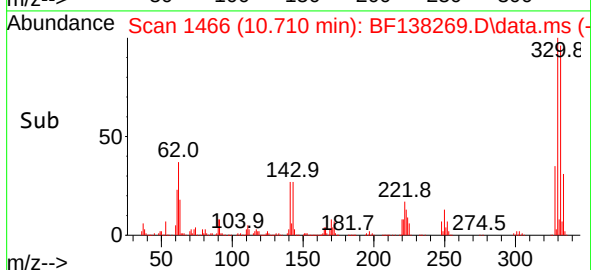
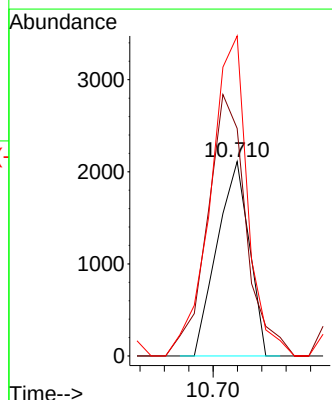
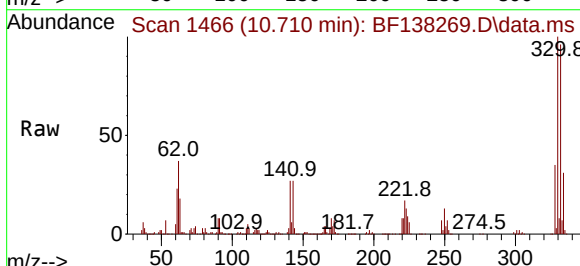
Tgt Ion:198 Resp: 1926

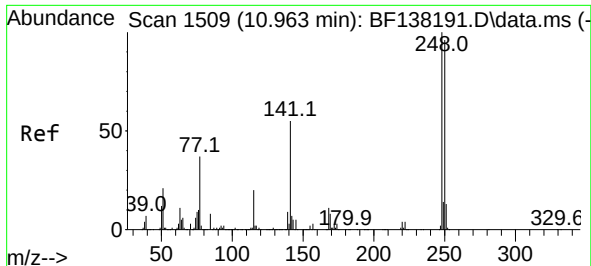
Ion Ratio Lower Upper

198 100

51 117.1 26.9 66.9#

105 164.6 26.0 66.0#

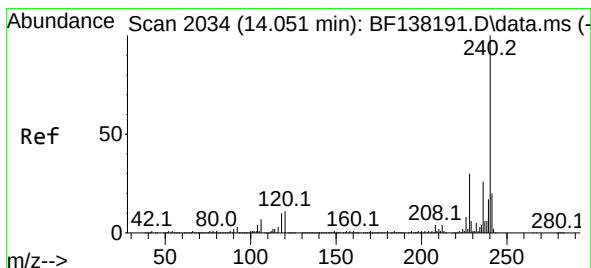
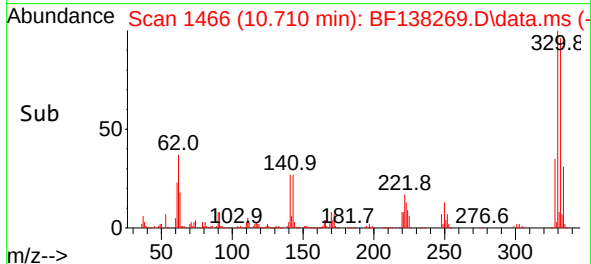
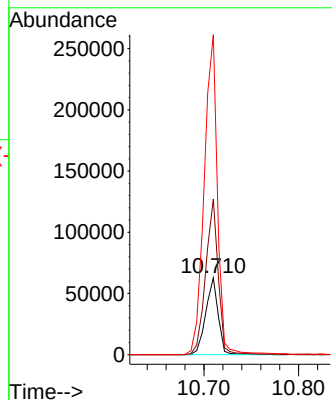
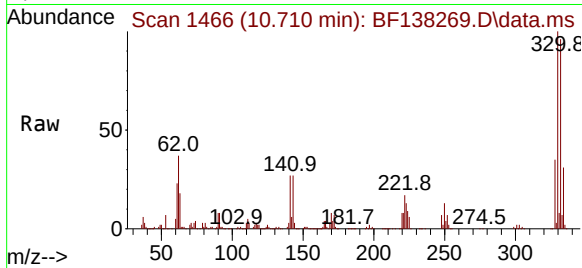




#67
4-Bromophenyl-phenylether
Concen: 4.316 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

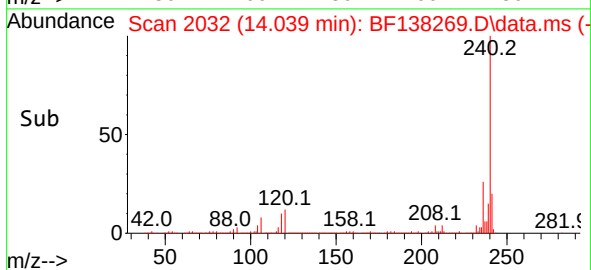
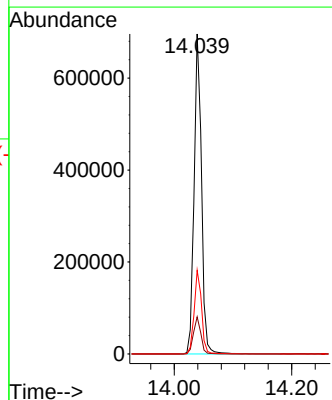
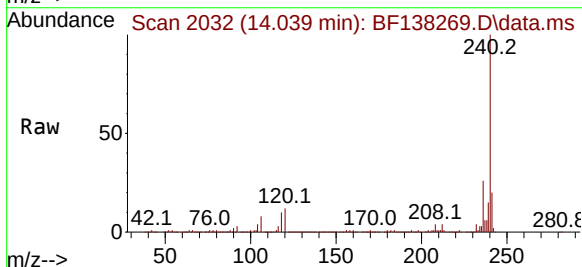
Instrument :
BNA_F
ClientSampleId :
TP-1

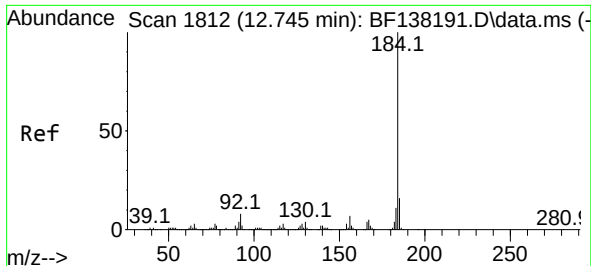
Tgt Ion:248 Resp: 57577
Ion Ratio Lower Upper
248 100
250 202.7 77.2 115.8#
141 416.5 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion:240 Resp: 609885
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.2 21.0 31.6

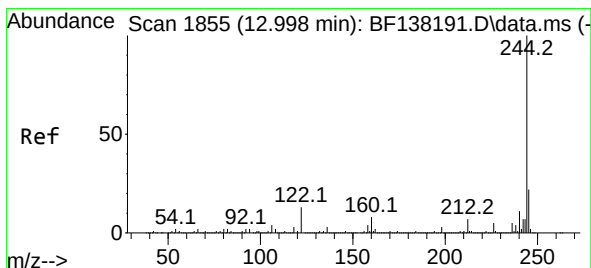
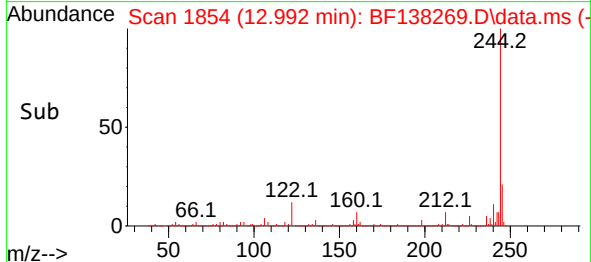
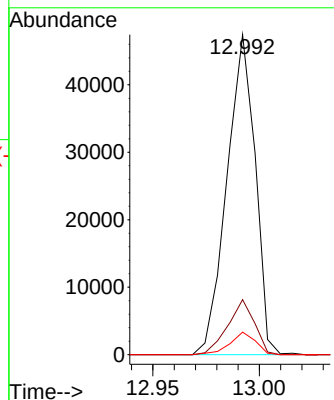
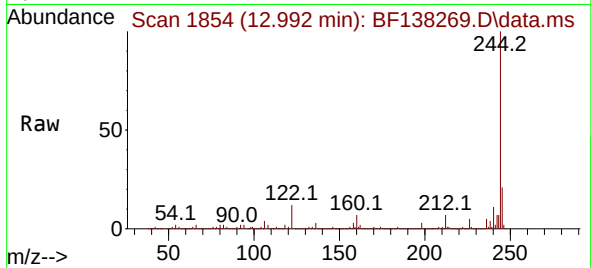




#77
Benzidine
Concen: 6.226 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.247 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

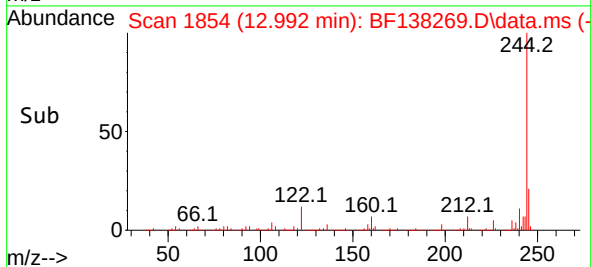
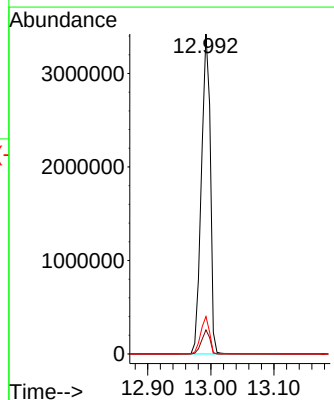
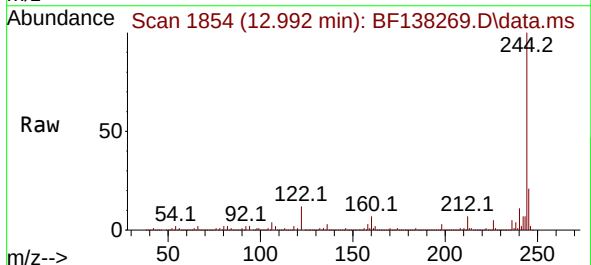
Instrument :
BNA_F
ClientSampleId :
TP-1

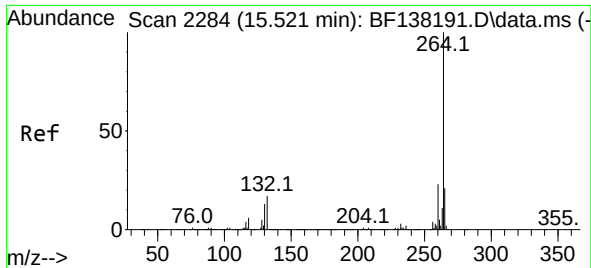
Tgt Ion:184 Resp: 43917
Ion Ratio Lower Upper
184 100
185 17.2 12.6 19.0
183 7.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 87.527 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Tgt Ion:244 Resp: 3370390
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 11.7 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138269.D
Acq: 20 Jun 2024 18:42

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 626180
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 21.4 17.0 25.6

