

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138232.D
 Acq On : 18 Jun 2024 18:59
 Operator : CG\JU
 Sample : P2917-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROAD

Quant Time: Jun 19 01:23:56 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)

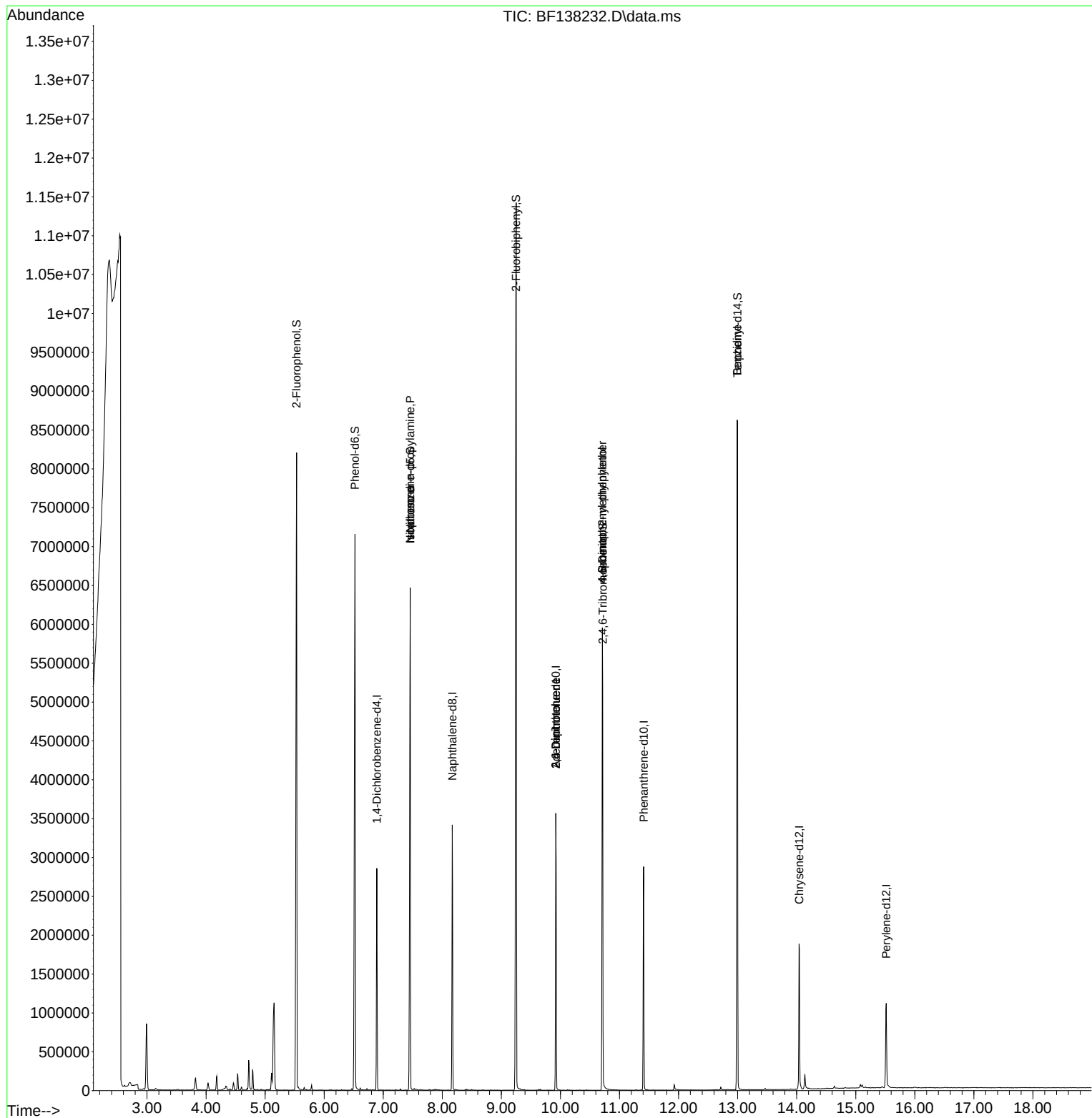
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	376765	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1439027	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	727585	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1017364	20.000	ng	0.00
76) Chrysene-d12	14.045	240	644411	20.000	ng	0.00
86) Perylene-d12	15.515	264	522438	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2662289	118.205	ng	0.02
7) Phenol-d6	6.522	99	3005427	105.233	ng	0.00
23) Nitrobenzene-d5	7.457	82	2217892	89.726	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	804592	111.081	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3914514	85.552	ng	0.00
79) Terphenyl-d14	12.998	244	3358711	82.550	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	302050	17.842	ng	# 77
25) Isophorone	7.457	82	2215892	49.560	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	93559	9.674	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	93559	7.843	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1782	7.228	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	52921	4.616	ng	# 1
77) Benzidine	12.992	184	43412	5.824	ng	# 93

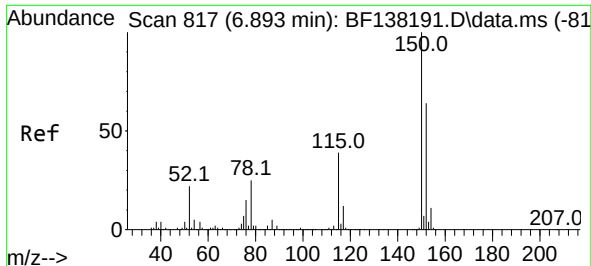
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 19 01:23:56 2024
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

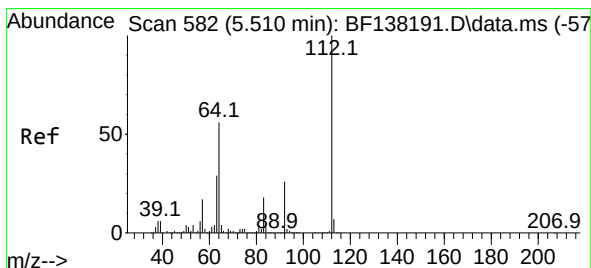
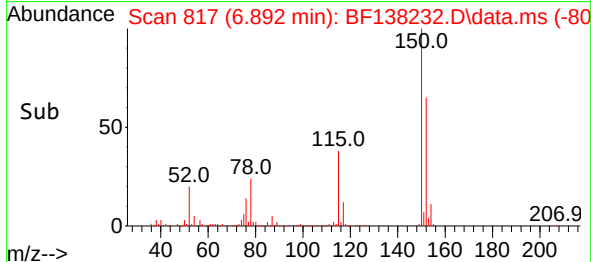
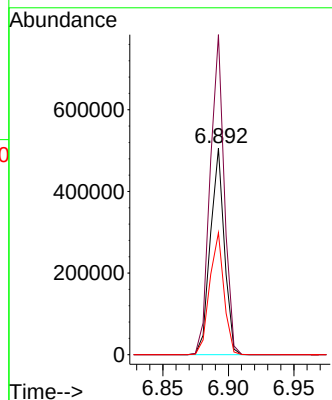
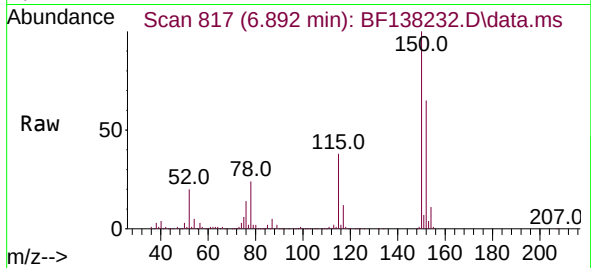




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.001 min
 Lab File: BF138232.D
 Acq: 18 Jun 2024 18:59

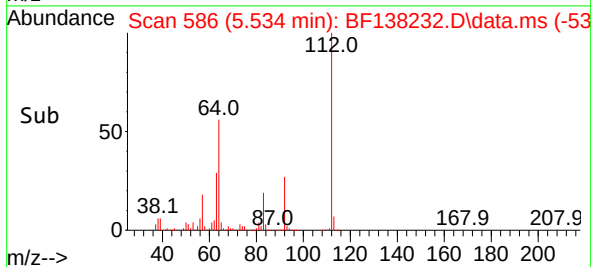
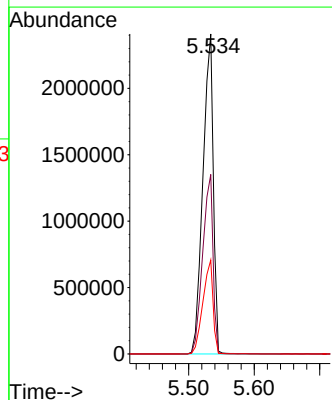
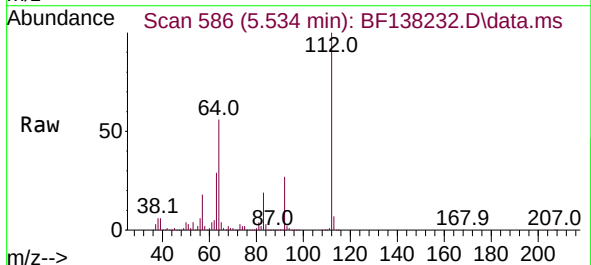
Instrument :
 BNA_F
 ClientSampleId :
 ROAD

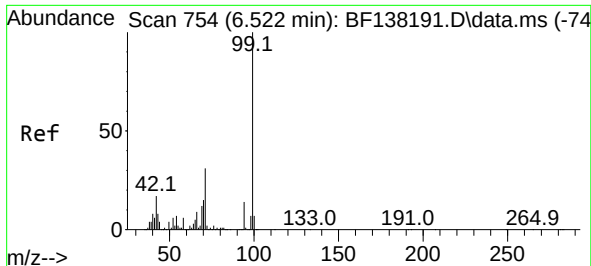
Tgt Ion:152 Resp: 376765
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.0 187.4
 115 59.0 48.4 72.6



#5
 2-Fluorophenol
 Concen: 118.205 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.023 min
 Lab File: BF138232.D
 Acq: 18 Jun 2024 18:59

Tgt Ion:112 Resp: 2662289
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.2 67.8
 63 29.3 22.9 34.3

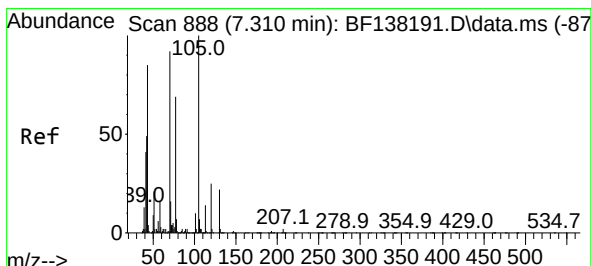
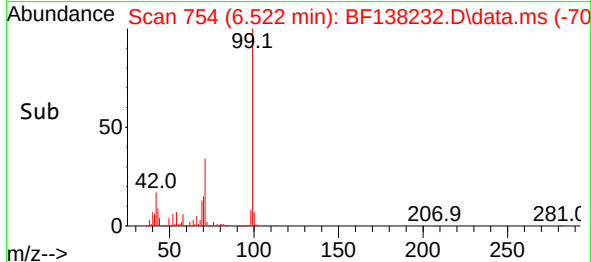
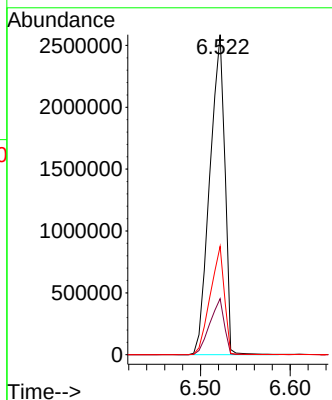
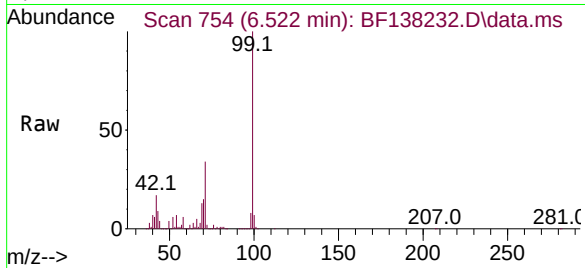




#7
Phenol-d6
Concen: 105.233 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

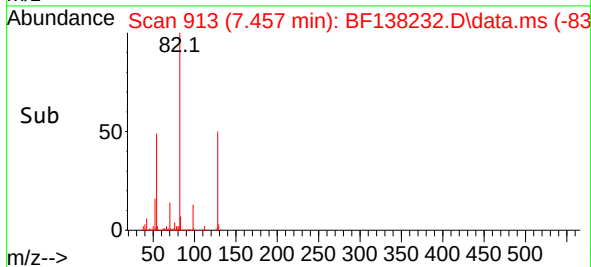
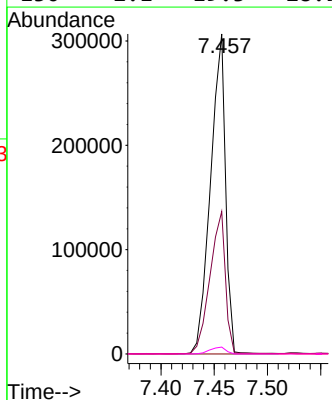
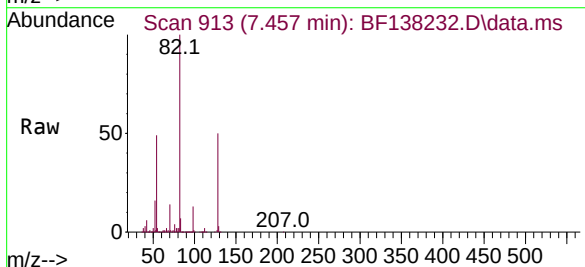
Instrument :
BNA_F
ClientSampleId :
ROAD

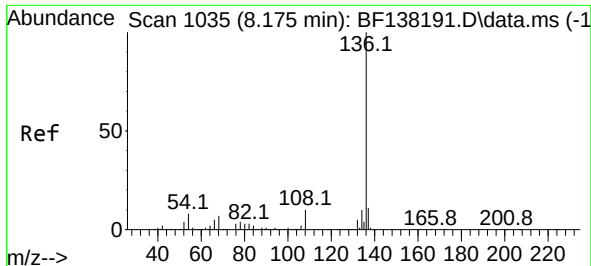
Tgt Ion: 99 Resp: 3005427
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 33.9 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.842 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Tgt Ion: 70 Resp: 302050
Ion Ratio Lower Upper
70 100
42 44.5 42.8 64.2
101 0.0 8.4 12.6#
130 2.1 19.3 28.9#



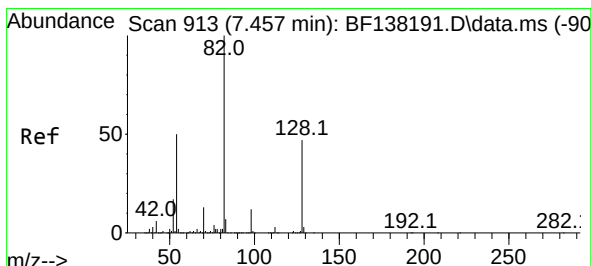
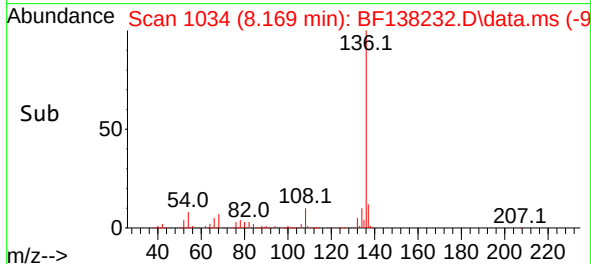
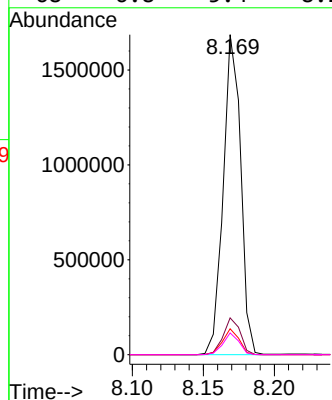
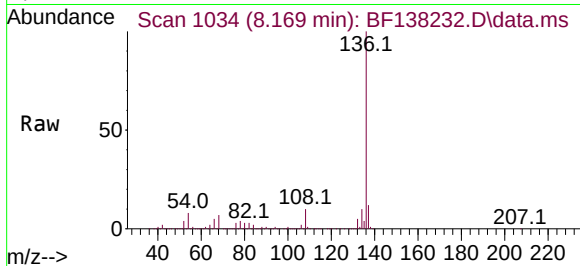


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Instrument :
BNA_F
ClientSampleId :
ROAD

Tgt Ion:136 Resp: 1439027

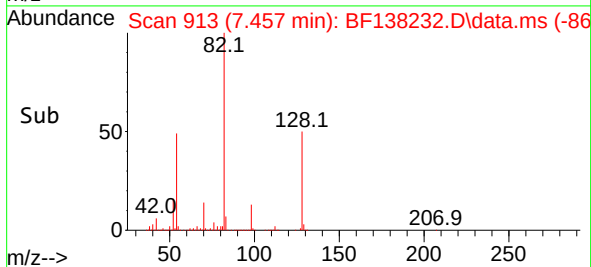
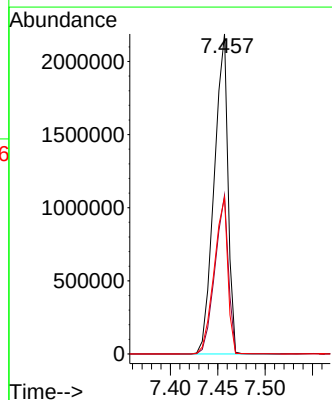
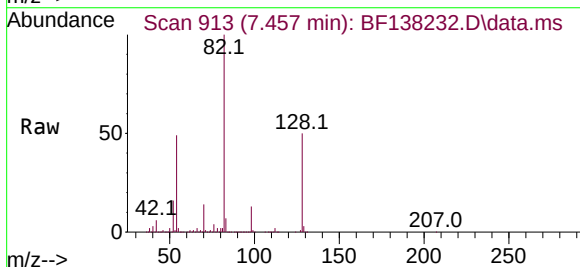
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.1	6.6	10.0
68	6.8	5.4	8.2

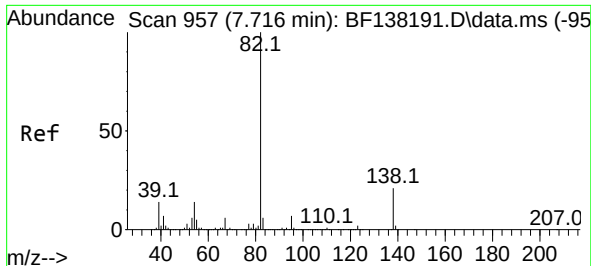


#23
Nitrobenzene-d5
Concen: 89.726 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Tgt Ion: 82 Resp: 2217892

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.2	55.8
54	48.9	39.8	59.6

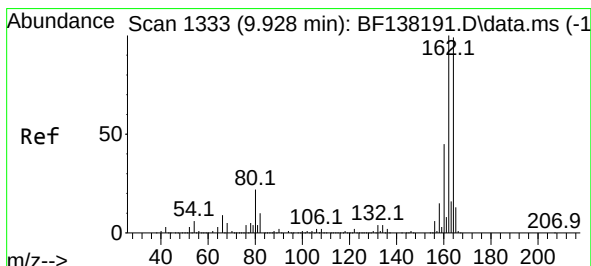
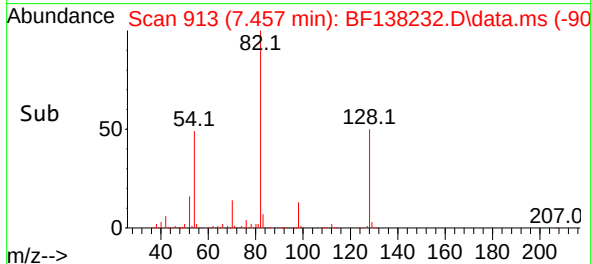
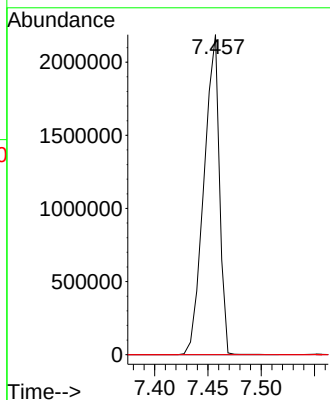
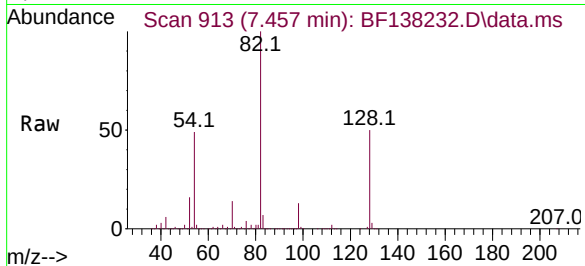




#25
Isophorone
Concen: 49.560 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

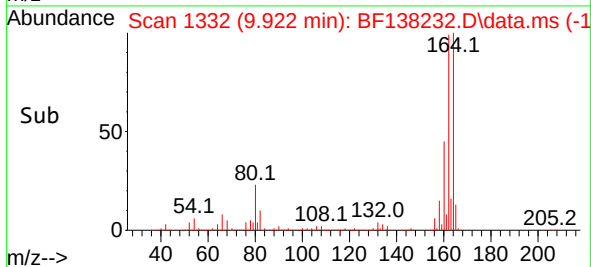
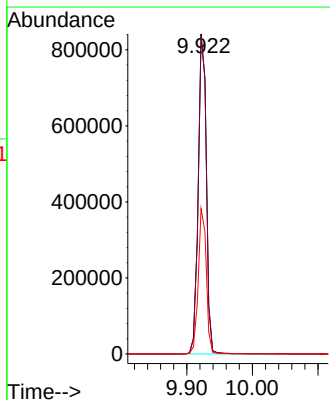
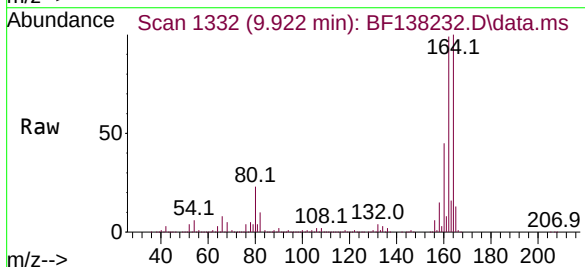
Instrument :
BNA_F
ClientSampleId :
ROAD

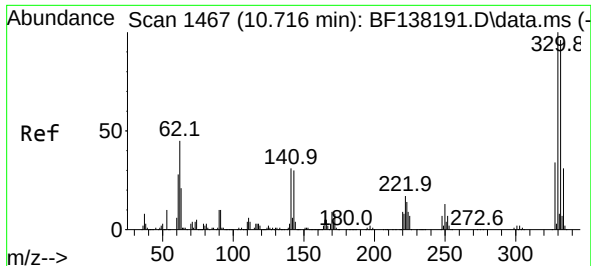
Tgt Ion: 82 Resp: 2215892
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Tgt Ion:164 Resp: 727585
Ion Ratio Lower Upper
164 100
162 99.4 80.6 121.0
160 45.5 36.3 54.5

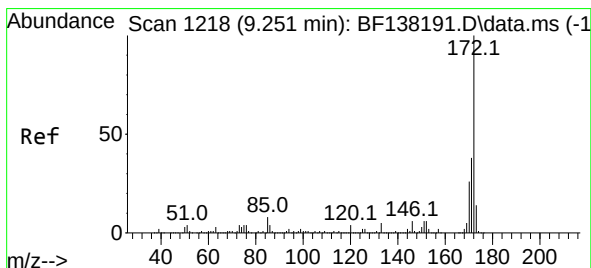
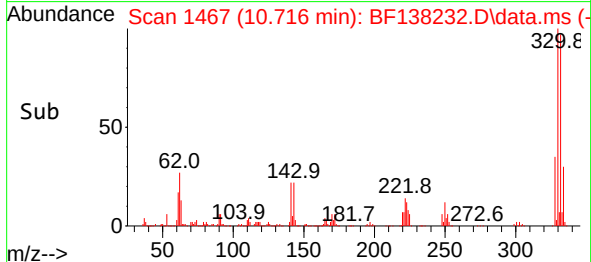
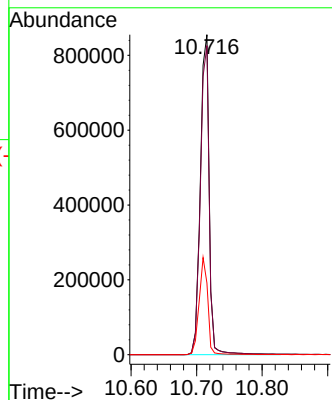
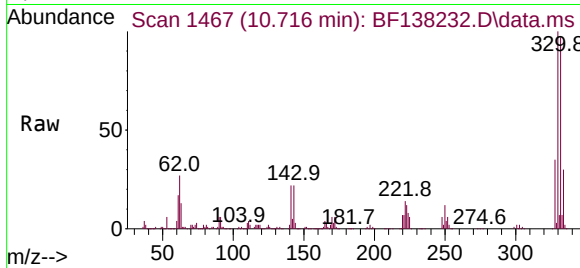




#42
2,4,6-Tribromophenol
Concen: 111.081 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

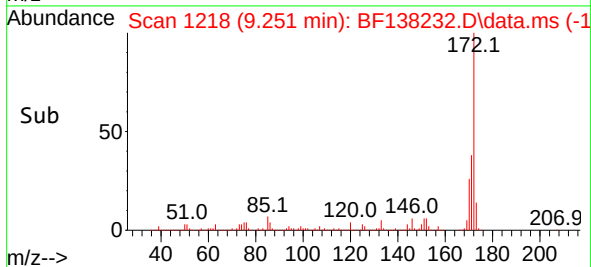
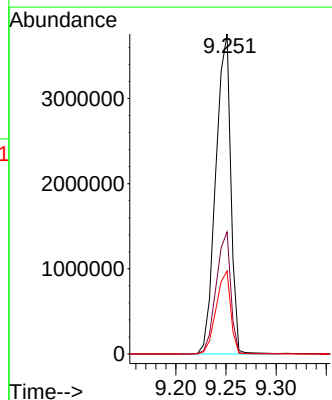
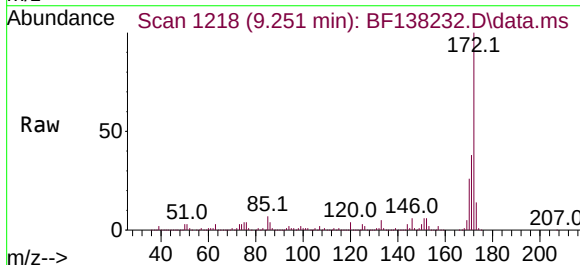
Instrument :
BNA_F
ClientSampleId :
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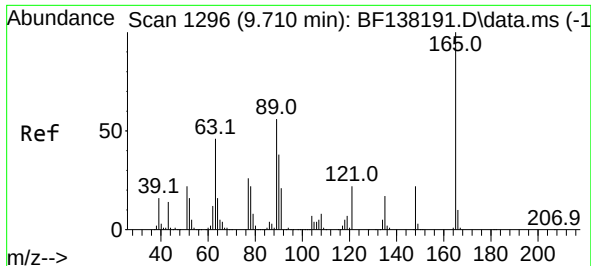
Tgt Ion:330 Resp: 804592
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 29.8 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 85.552 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Tgt Ion:172 Resp: 3914514
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 25.9 20.6 30.8

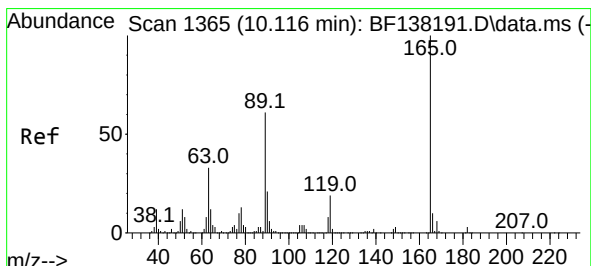
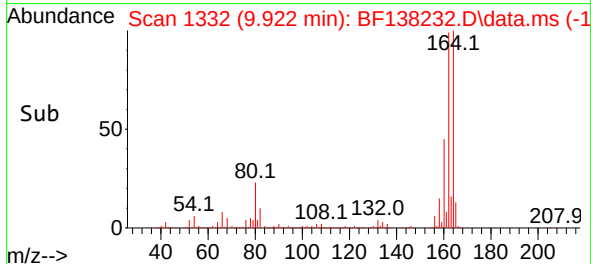
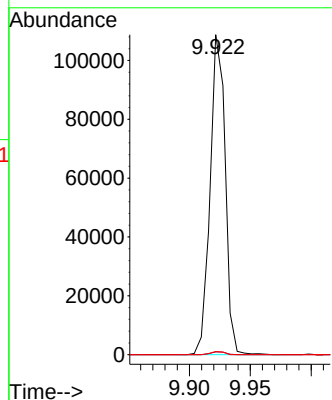
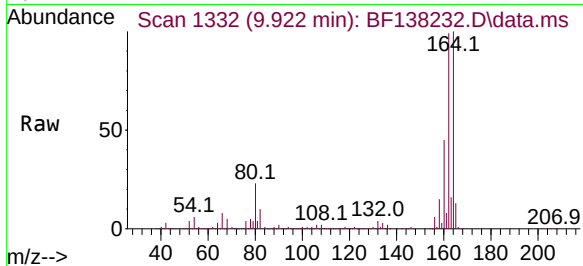




#51
2,6-Dinitrotoluene
Concen: 9.674 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

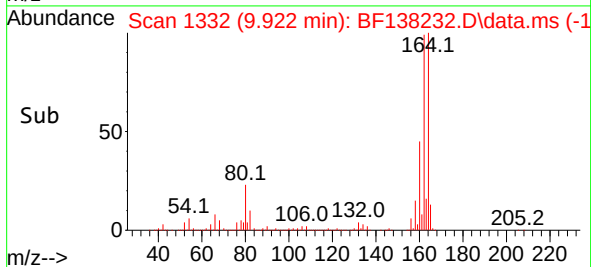
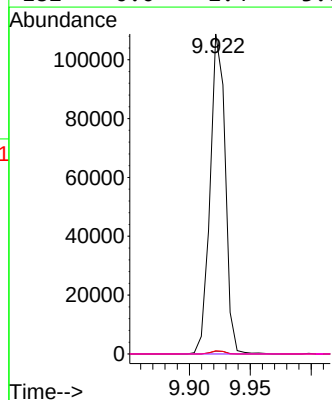
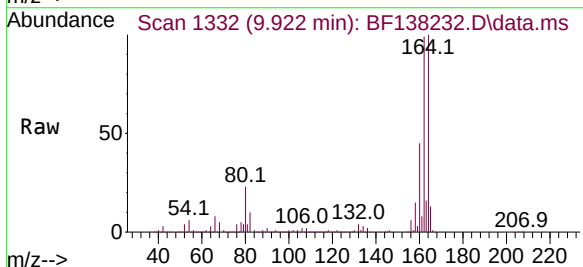
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BNA_F
ClientSampleId :
ROAD

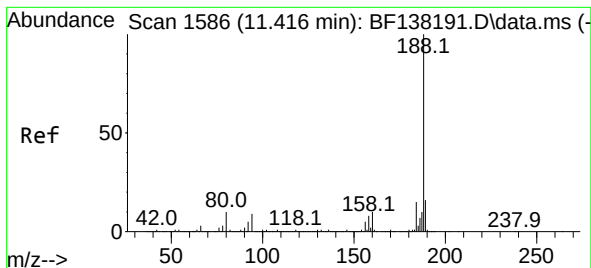
Tgt Ion:165 Resp: 93559
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.843 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Tgt Ion:165 Resp: 93559
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138232.D

Acq: 18 Jun 2024 18:59

Instrument :

BNA_F

ClientSampleId :

ROAD

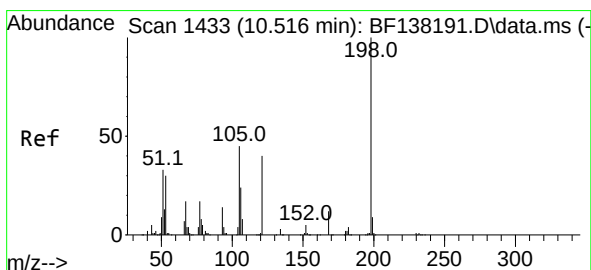
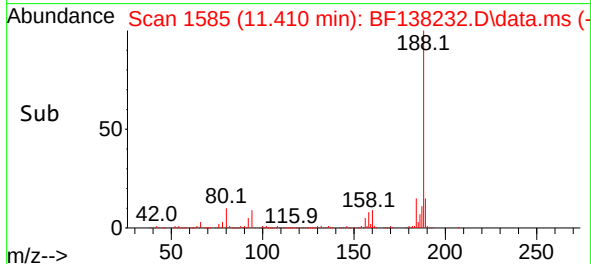
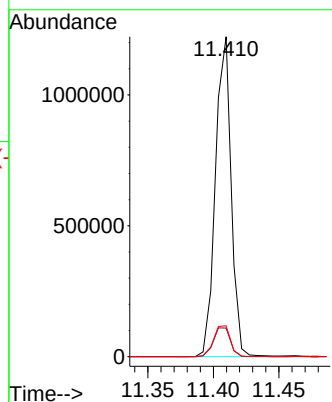
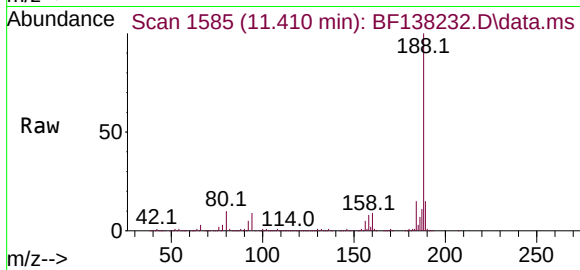
Tgt Ion:188 Resp: 1017364

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.6 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.228 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138232.D

Acq: 18 Jun 2024 18:59

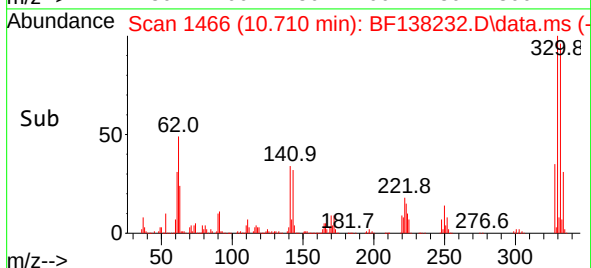
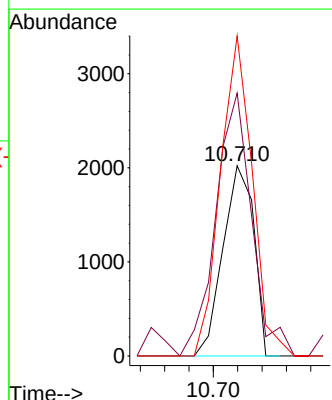
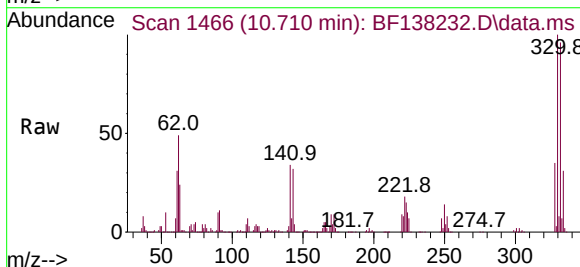
Tgt Ion:198 Resp: 1782

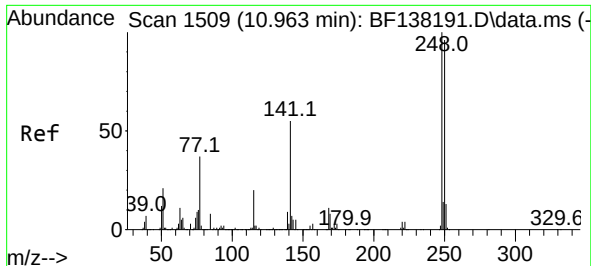
Ion Ratio Lower Upper

198 100

51 138.2 26.9 66.9#

105 168.2 26.0 66.0#

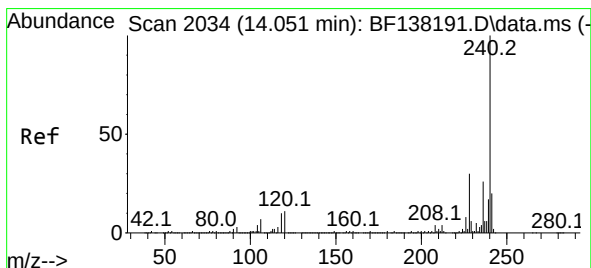
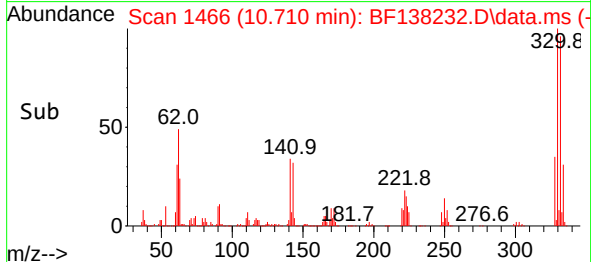
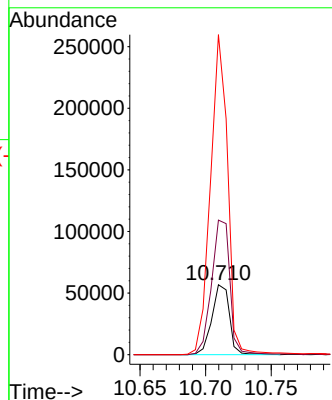
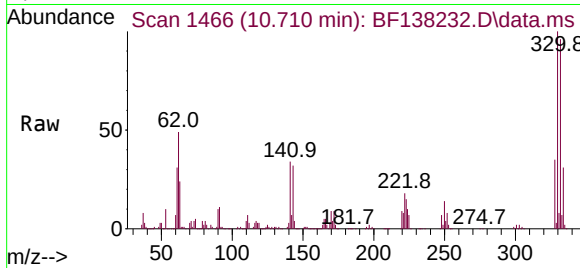




#67
4-Bromophenyl-phenylether
Concen: 4.616 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

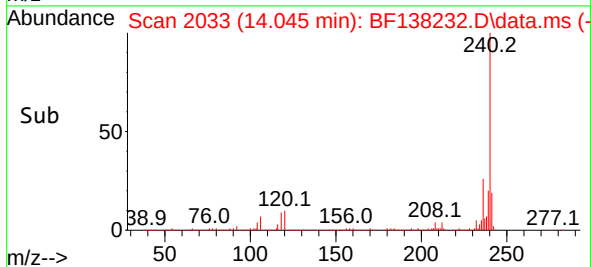
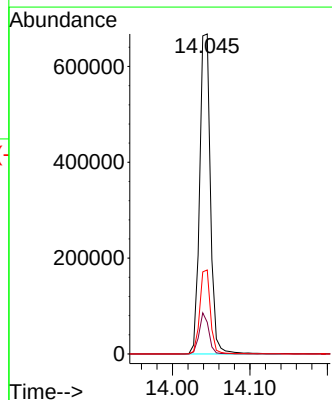
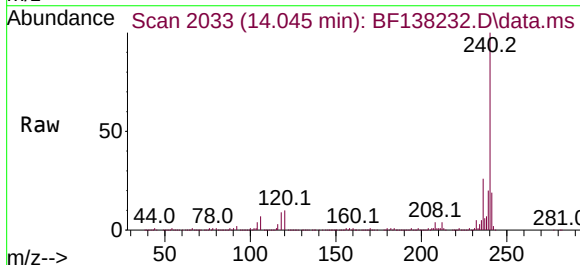
Instrument :
BNA_F
ClientSampleId :
ROAD

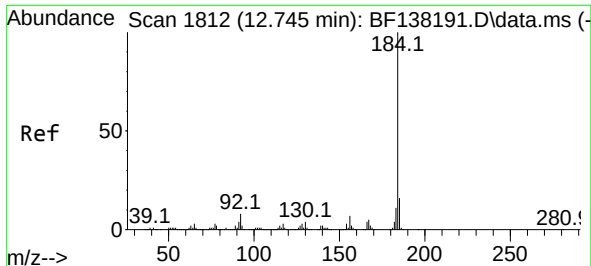
Tgt Ion:248 Resp: 52921
Ion Ratio Lower Upper
248 100
250 192.5 77.2 115.8#
141 457.5 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Tgt Ion:240 Resp: 644411
Ion Ratio Lower Upper
240 100
120 9.9 9.2 13.8
236 26.3 21.0 31.6

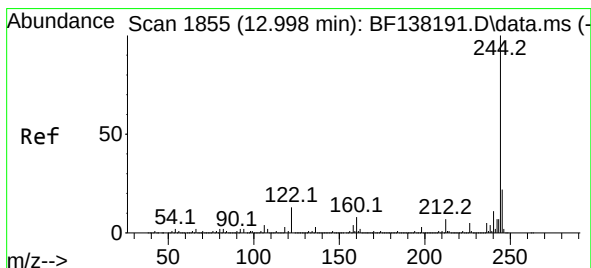
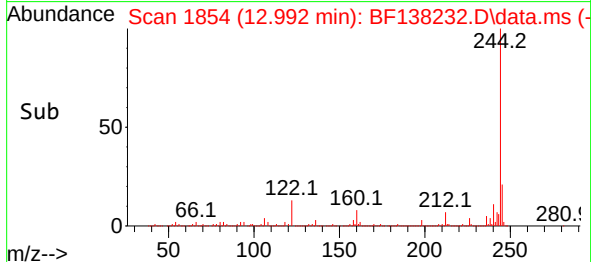
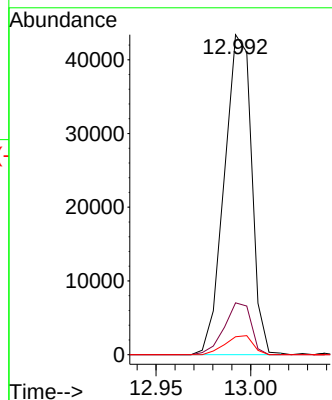
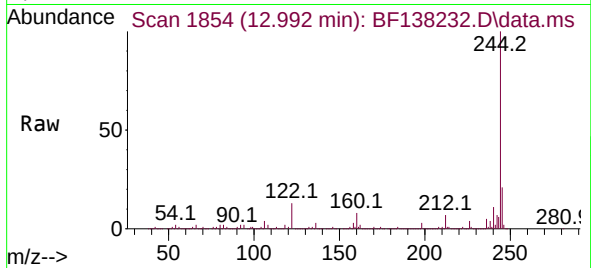




#77
Benzidine
Concen: 5.824 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.247 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

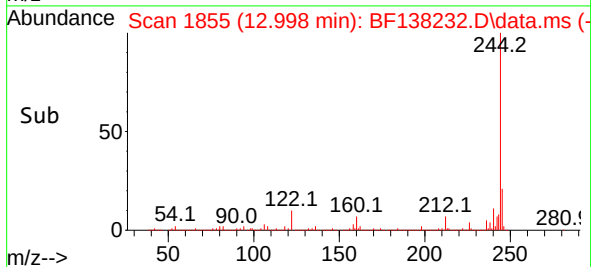
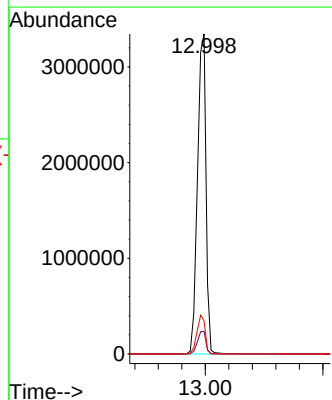
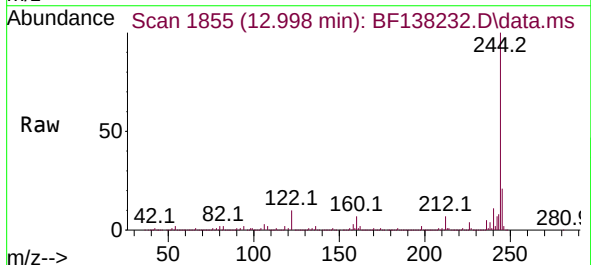
Instrument :
BNA_F
ClientSampleId :
ROAD

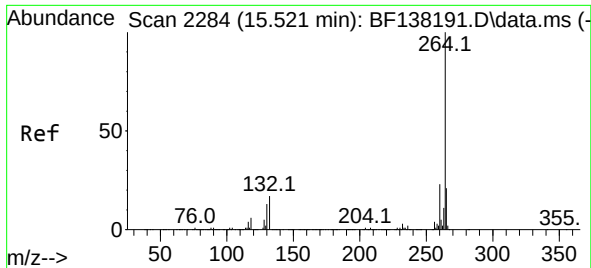
Tgt Ion:184 Resp: 43412
Ion Ratio Lower Upper
184 100
185 16.2 12.6 19.0
183 5.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 82.550 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF138232.D
Acq: 18 Jun 2024 18:59

Tgt Ion:244 Resp: 3358711
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.4 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: BF138232.D
 Acq: 18 Jun 2024 18:59

Instrument :
 BNA_F
 ClientSampleId :
 ROAD

Tgt Ion:264 Resp: 522438
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.4 17.0 25.6

