

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138223.D
 Acq On : 18 Jun 2024 14:31
 Operator : CG\JU
 Sample : P2918-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE

Quant Time: Jun 18 14:57:43 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)

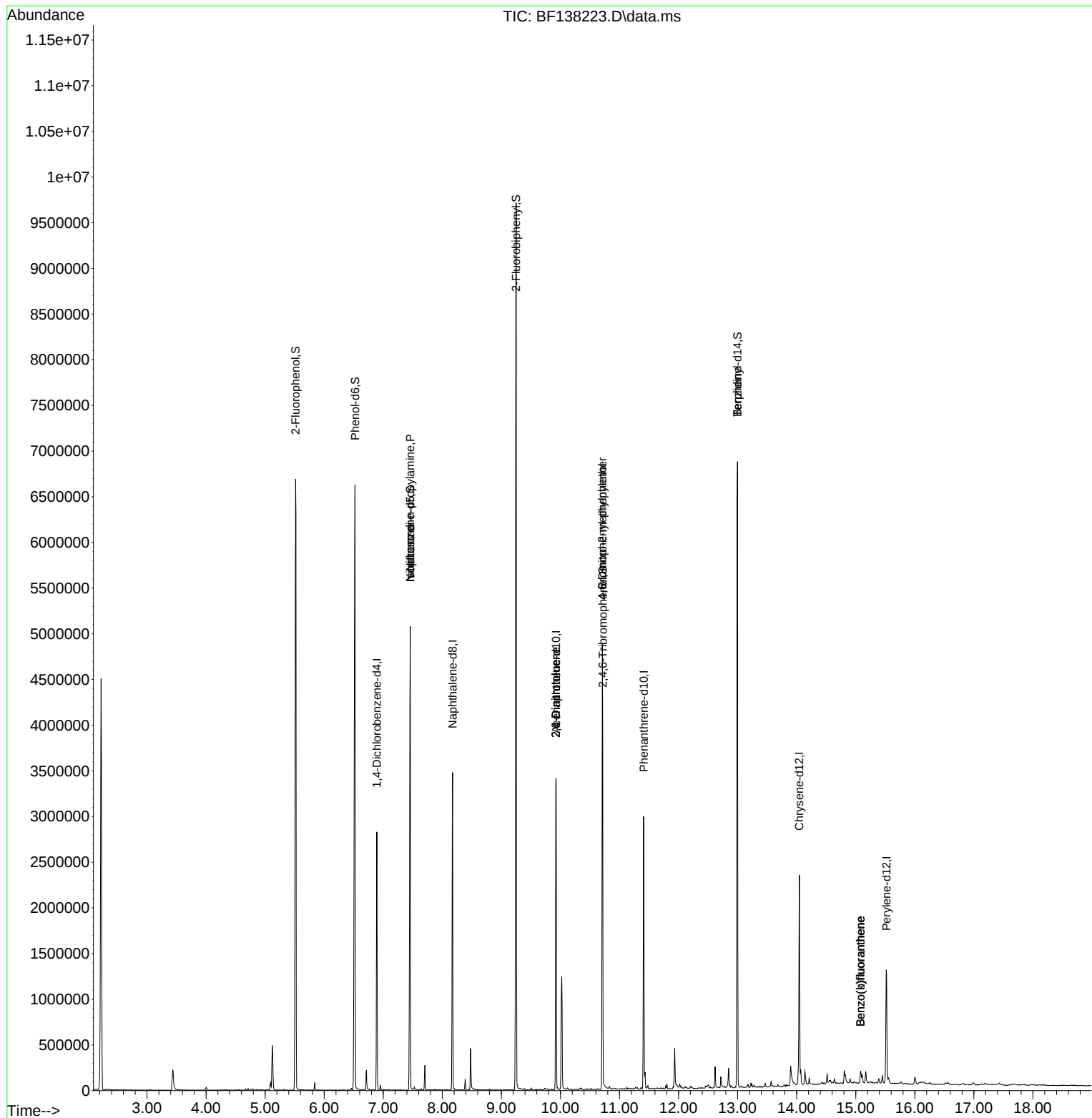
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	374783	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1456006	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	735691	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1016165	20.000	ng	0.00
76) Chrysene-d12	14.045	240	693357	20.000	ng	0.00
86) Perylene-d12	15.521	264	593398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2215968	98.909	ng	0.00
7) Phenol-d6	6.522	99	2727502	96.007	ng	0.00
23) Nitrobenzene-d5	7.457	82	1669488	66.752	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	622589	85.007	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3042701	65.766	ng	0.00
79) Terphenyl-d14	12.998	244	2469199	56.404	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	223836	13.292	ng	# 76
25) Isophorone	7.457	82	1662775	36.756	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	97336	9.954	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	97397	8.075	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1338	7.155	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	39809	3.477	ng	# 1
77) Benzidine	12.998	184	30717	3.830	ng	# 93
88) Benzo(b)fluoranthene	15.080	252	70542	2.016	ng	98
89) Benzo(k)fluoranthene	15.080	252	70542	2.057	ng	98

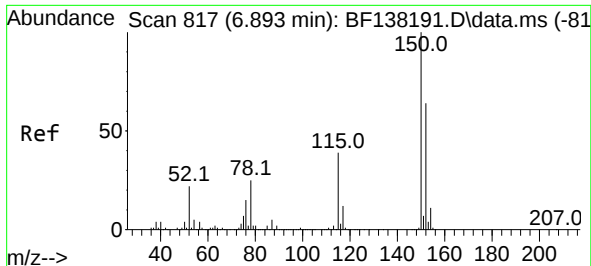
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
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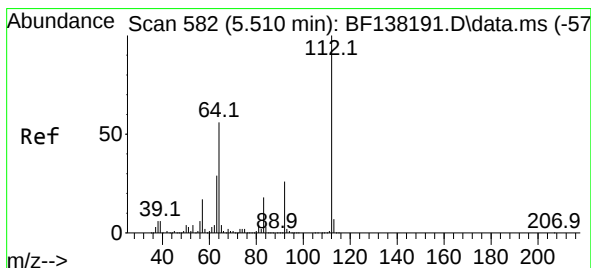
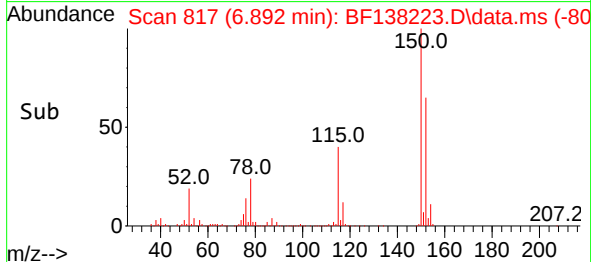
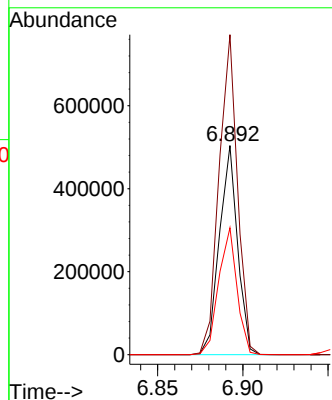
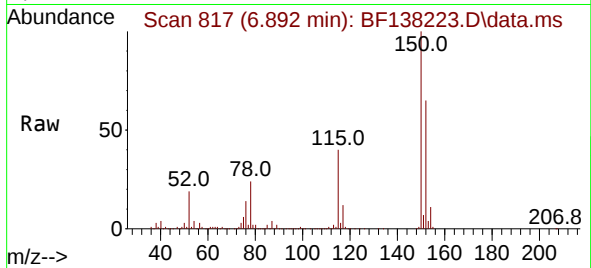




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

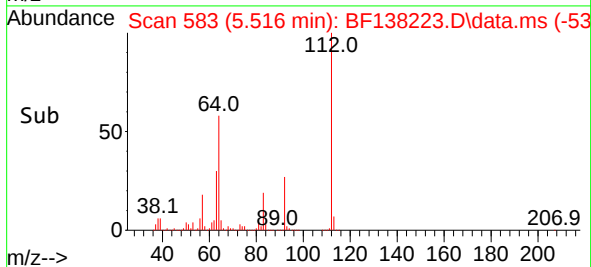
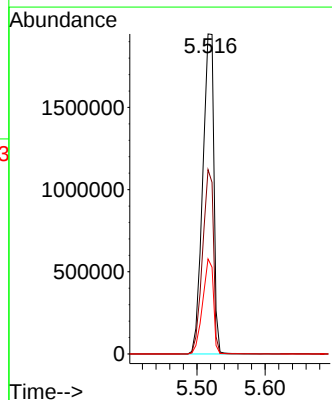
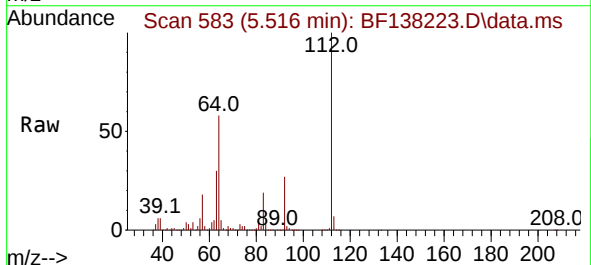
Instrument :
BNA_F
ClientSampleId :
POLE

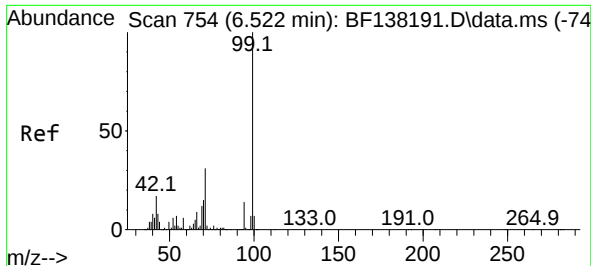
Tgt Ion:152 Resp: 374783
Ion Ratio Lower Upper
152 100
150 153.0 125.0 187.4
115 60.7 48.4 72.6



#5
2-Fluorophenol
Concen: 98.909 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion:112 Resp: 2215968
Ion Ratio Lower Upper
112 100
64 57.6 45.2 67.8
63 29.7 22.9 34.3

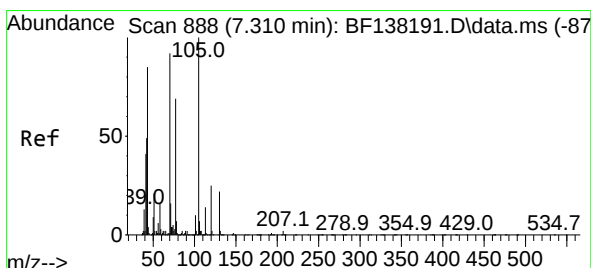
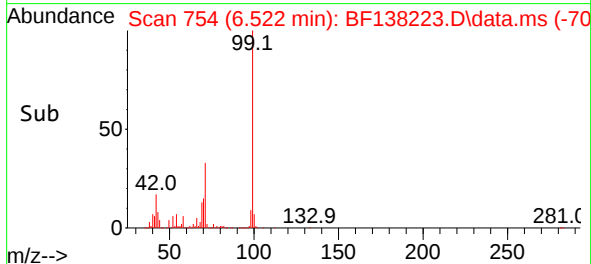
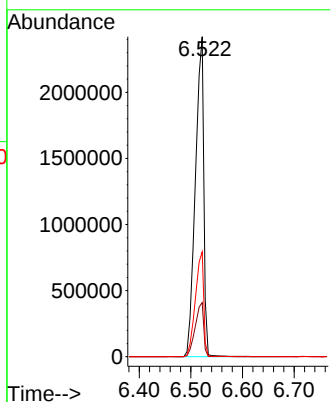
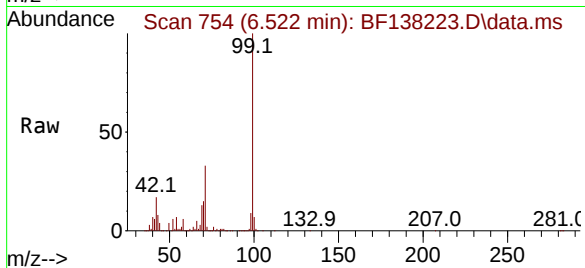




#7
Phenol-d6
Concen: 96.007 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

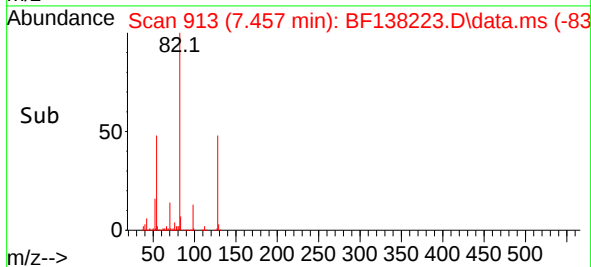
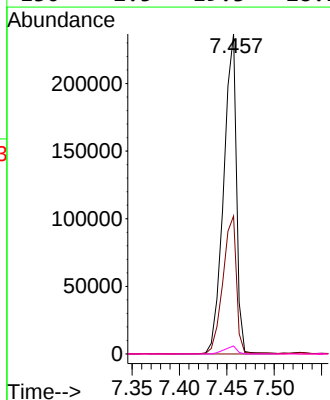
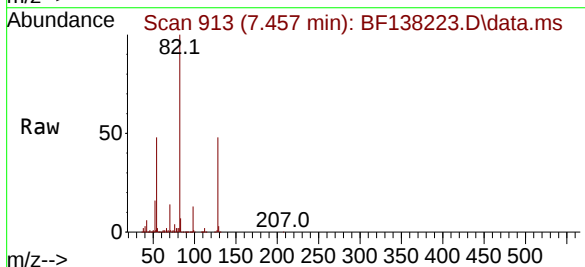
Instrument :
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ClientSampleId :
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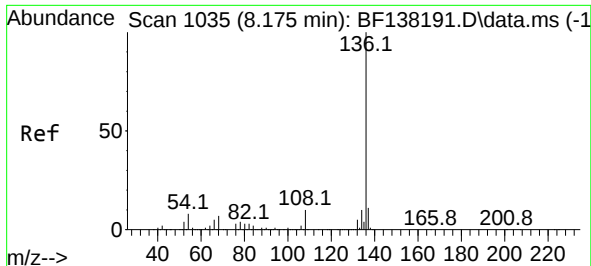
Tgt Ion: 99 Resp: 2727502
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 32.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.292 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion: 70 Resp: 223836
Ion Ratio Lower Upper
70 100
42 43.1 42.8 64.2
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#

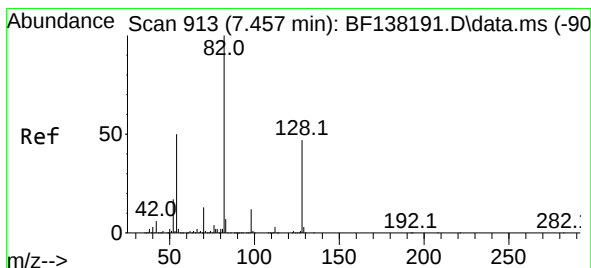
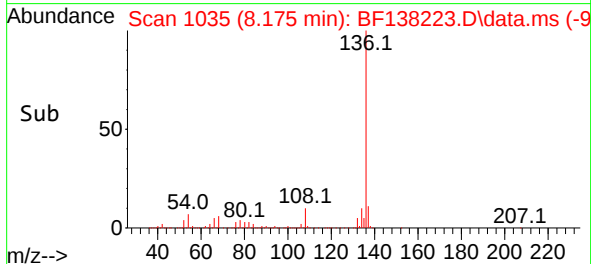
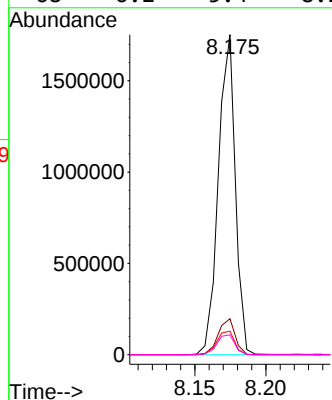
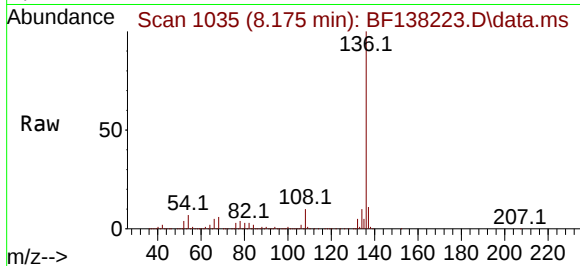




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

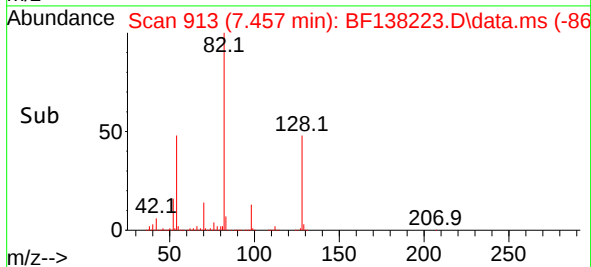
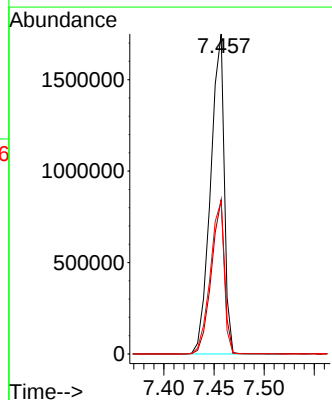
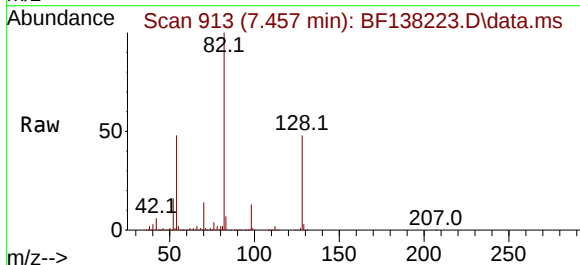
Instrument :
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ClientSampleId :
POLE

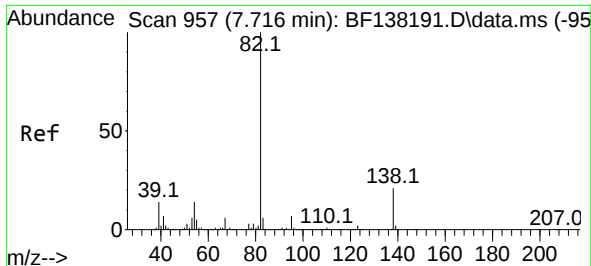
Tgt Ion:136 Resp: 1456006
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.3 6.6 10.0
68 6.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 66.752 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion: 82 Resp: 1669488
Ion Ratio Lower Upper
82 100
128 48.2 37.2 55.8
54 47.8 39.8 59.6

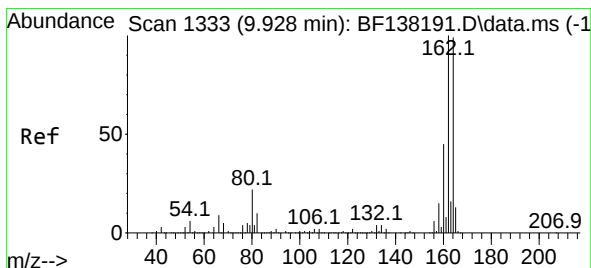
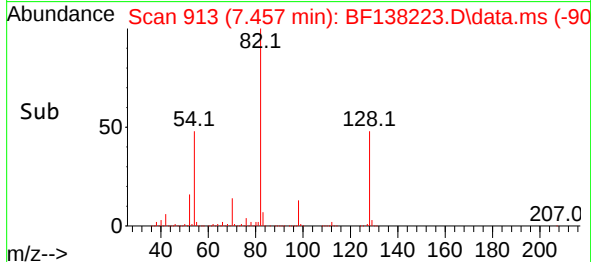
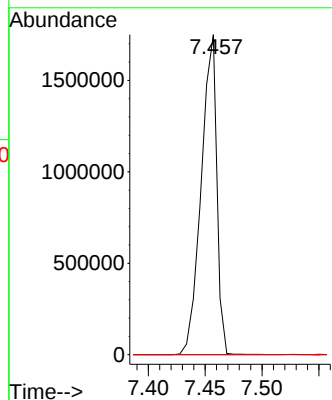
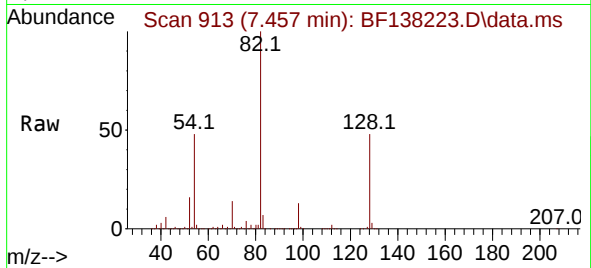




#25
Isophorone
Concen: 36.756 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

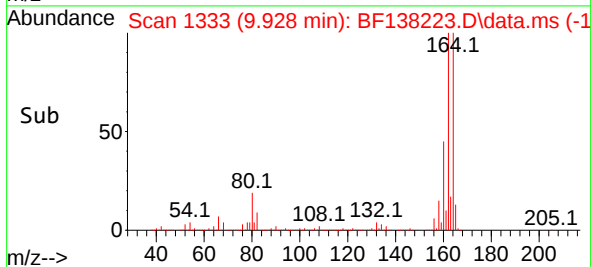
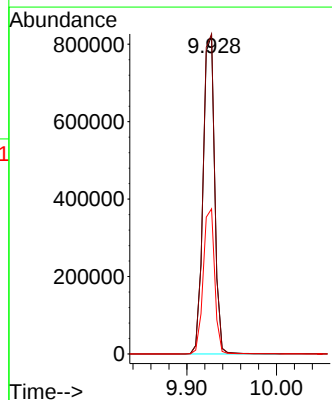
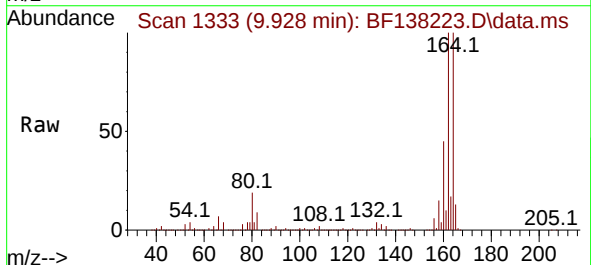
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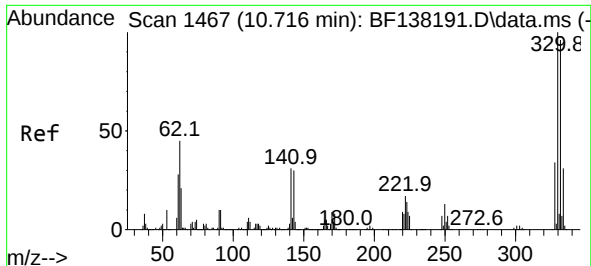
Tgt Ion: 82 Resp: 1662775
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion:164 Resp: 735691
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 45.5 36.3 54.5

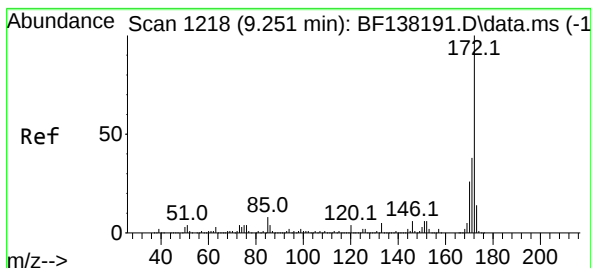
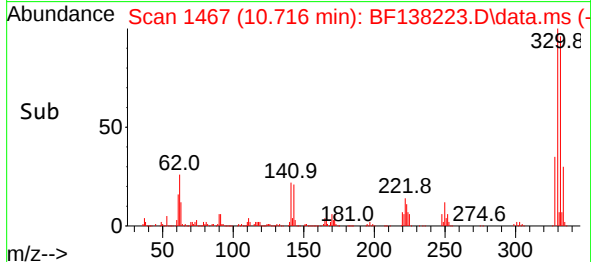
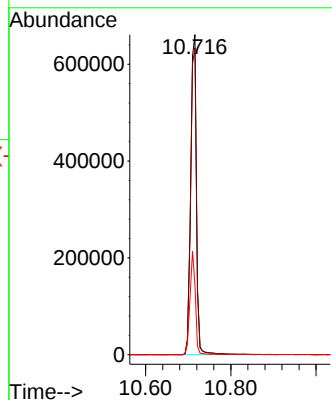
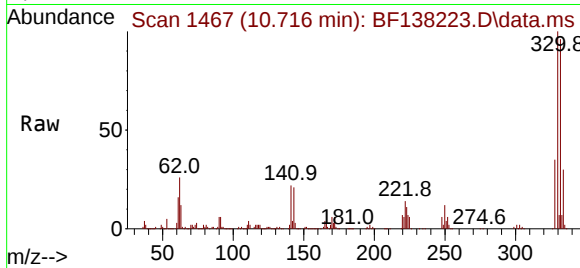




#42
 2,4,6-Tribromophenol
 Concen: 85.007 ng
 RT: 10.716 min Scan# 1467
 Delta R.T. -0.000 min
 Lab File: BF138223.D
 Acq: 18 Jun 2024 14:31

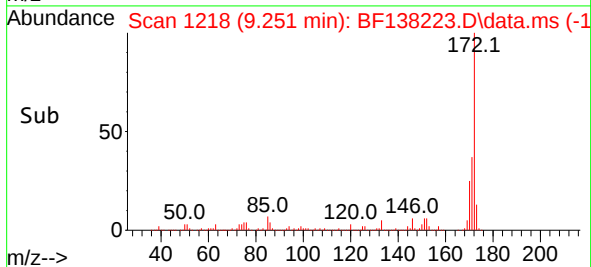
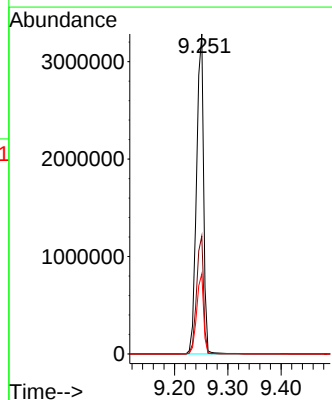
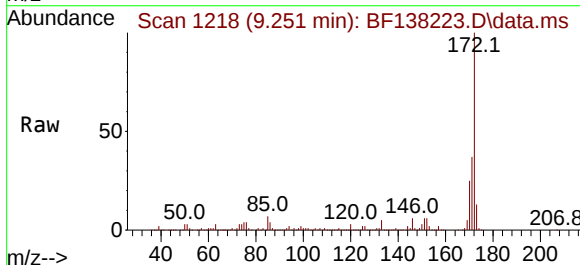
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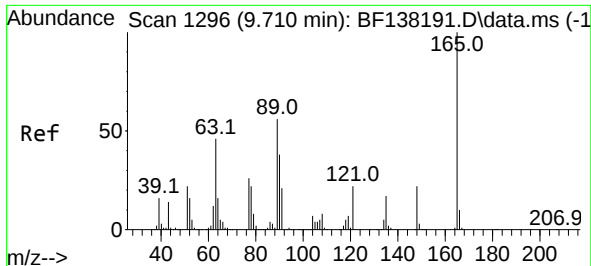
Tgt Ion:330 Resp: 622589
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 30.0 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 65.766 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BF138223.D
 Acq: 18 Jun 2024 14:31

Tgt Ion:172 Resp: 3042701
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.3 45.5
 170 25.0 20.6 30.8

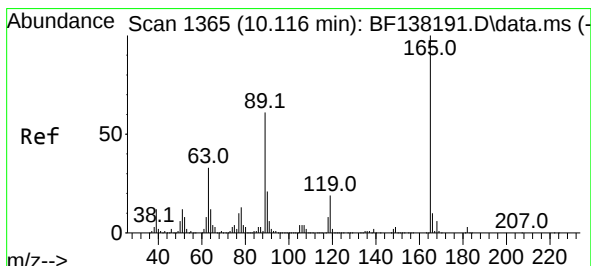
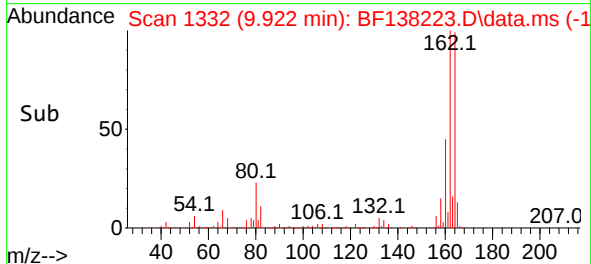
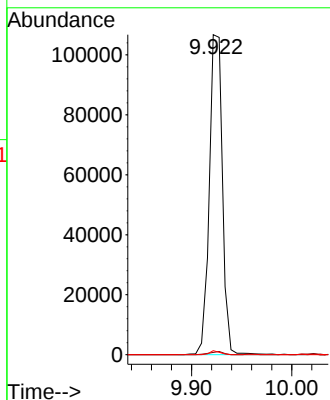
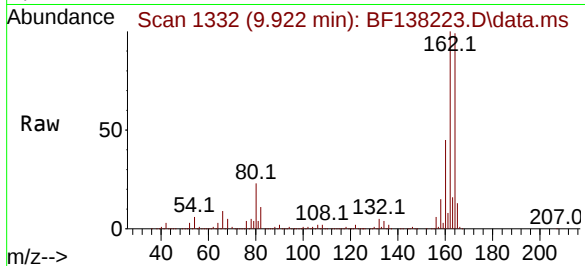




#51
2,6-Dinitrotoluene
Concen: 9.954 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

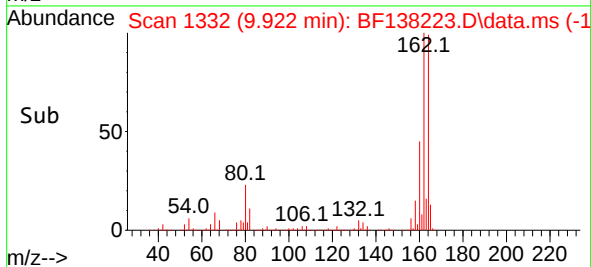
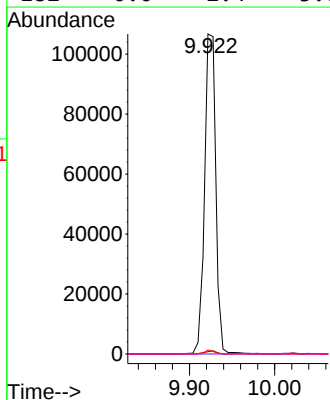
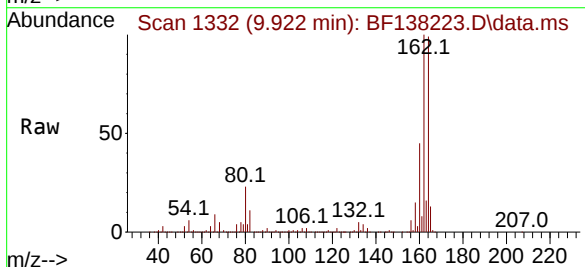
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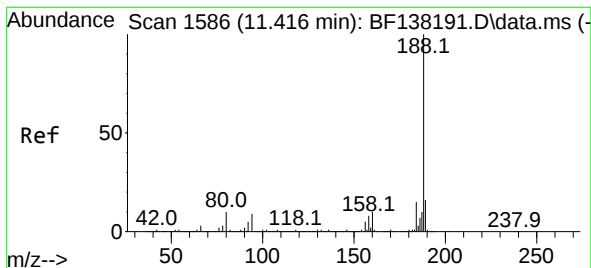
Tgt Ion:165 Resp: 97336
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.075 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion:165 Resp: 97397
Ion Ratio Lower Upper
165 100
63 0.7 26.6 39.8#
89 1.2 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: BF138223.D

Acq: 18 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

POLE

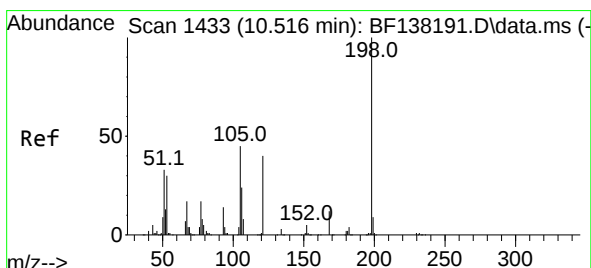
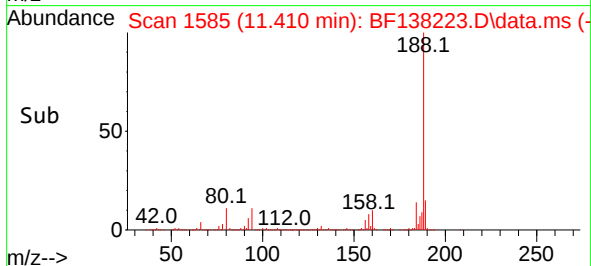
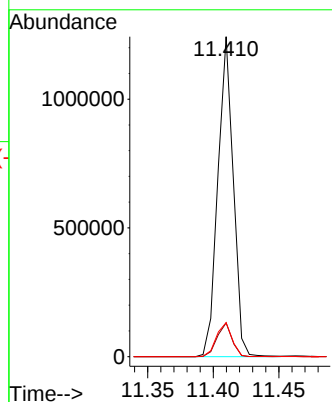
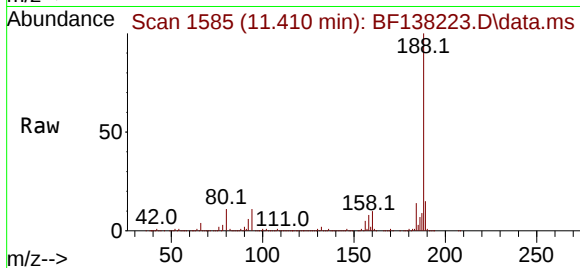
Tgt Ion:188 Resp: 1016165

Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 10.6 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.155 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138223.D

Acq: 18 Jun 2024 14:31

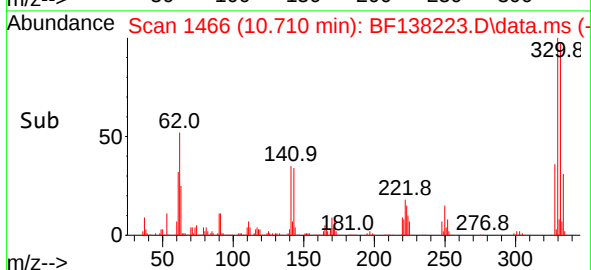
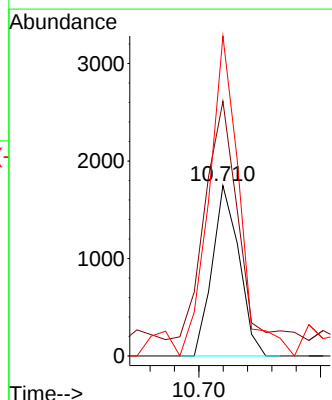
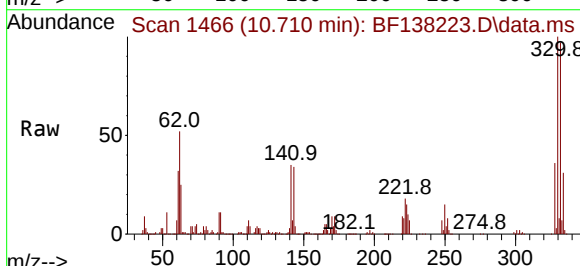
Tgt Ion:198 Resp: 1338

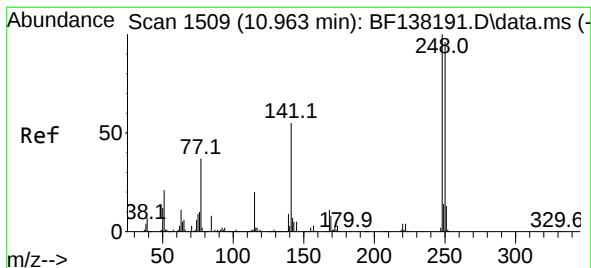
Ion Ratio Lower Upper

198 100

51 149.5 26.9 66.9#

105 187.8 26.0 66.0#

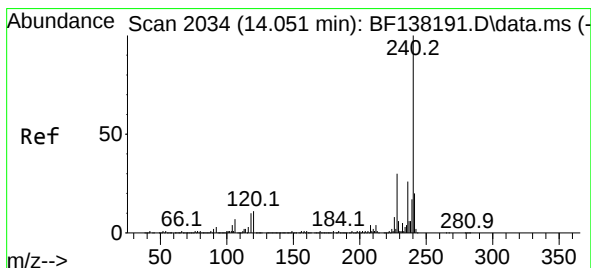
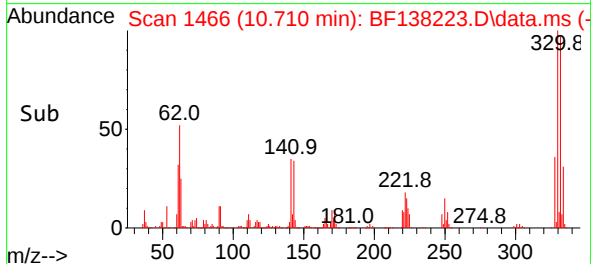
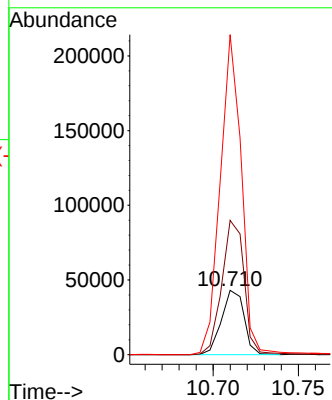
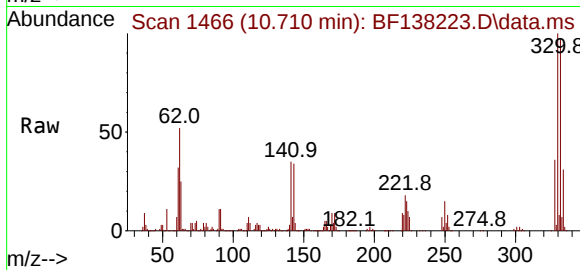




#67
4-Bromophenyl-phenylether
Concen: 3.477 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

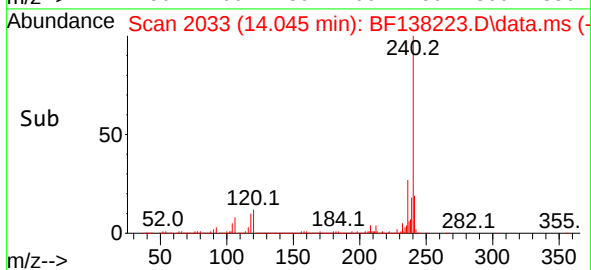
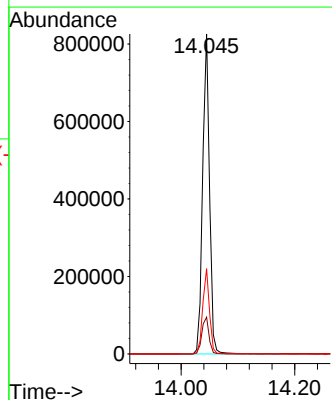
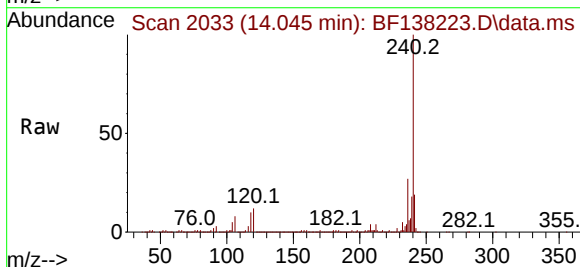
Instrument :
BNA_F
ClientSampleId :
POLE

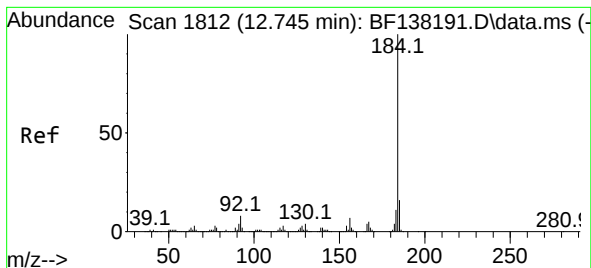
Tgt Ion:248 Resp: 39809
Ion Ratio Lower Upper
248 100
250 208.7 77.2 115.8#
141 497.6 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion:240 Resp: 693357
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 26.6 21.0 31.6





#77

Benzidine

Concen: 3.830 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.253 min

Lab File: BF138223.D

Acq: 18 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

POLE

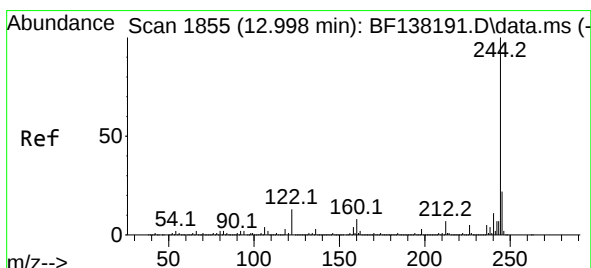
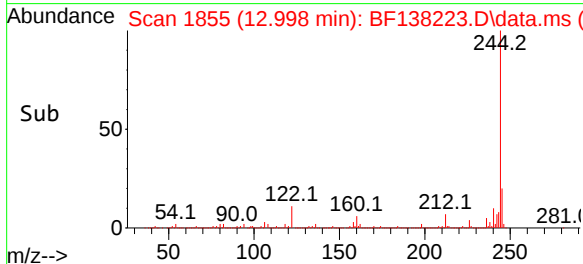
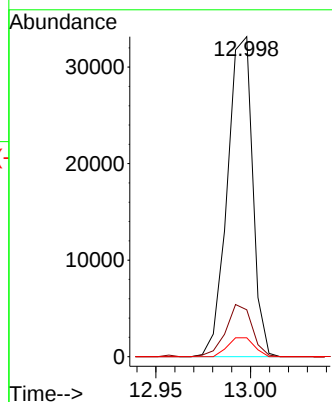
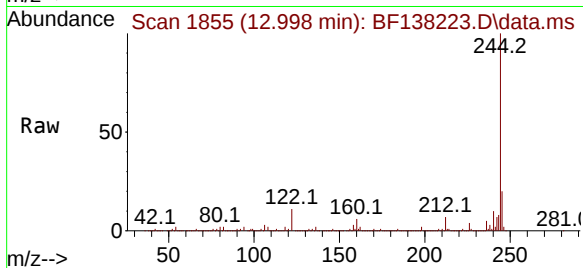
Tgt Ion:184 Resp: 30717

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

183 5.9 9.0 13.6#



#79

Terphenyl-d14

Concen: 56.404 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138223.D

Acq: 18 Jun 2024 14:31

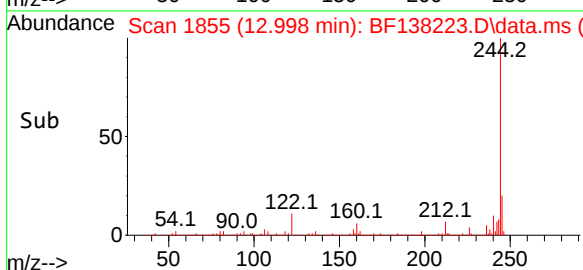
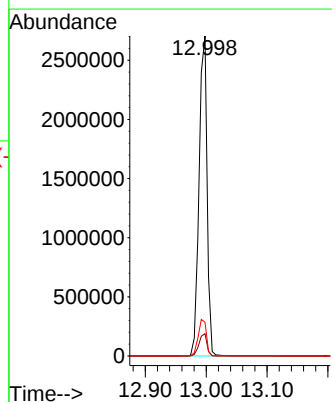
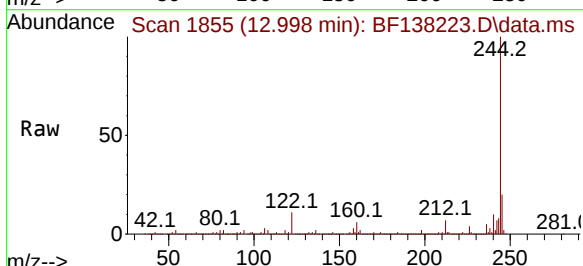
Tgt Ion:244 Resp: 2469199

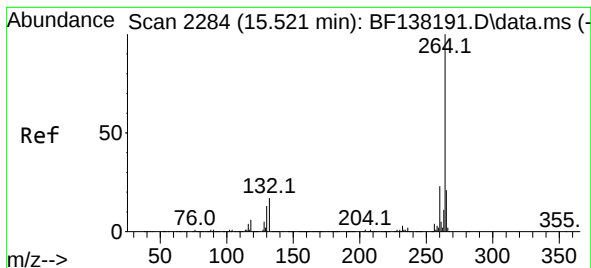
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 10.5 10.6 15.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138223.D

Acq: 18 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

POLE

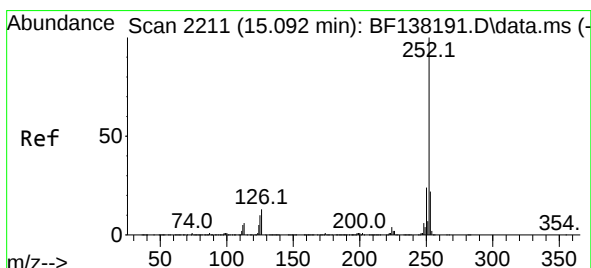
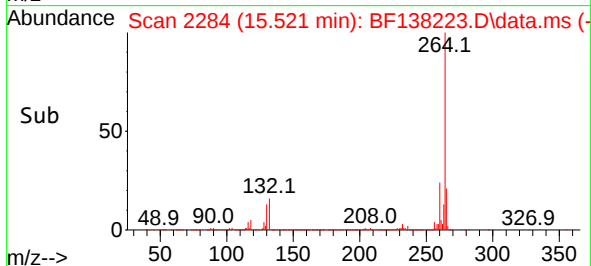
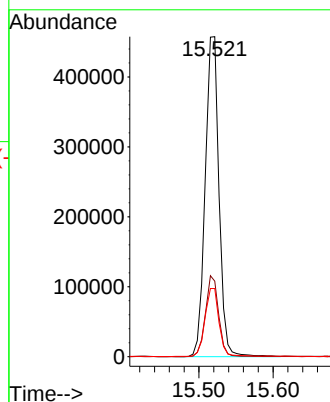
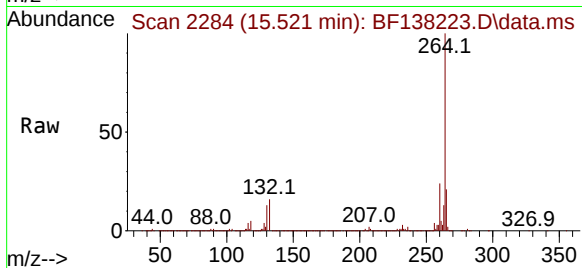
Tgt Ion:264 Resp: 593398

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.3 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 2.016 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF138223.D

Acq: 18 Jun 2024 14:31

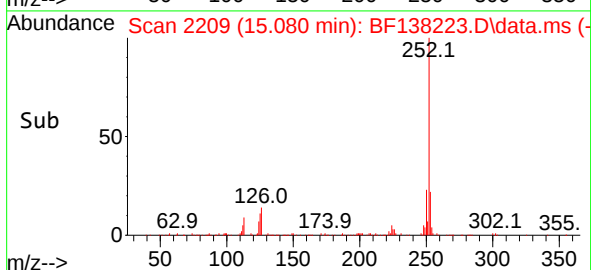
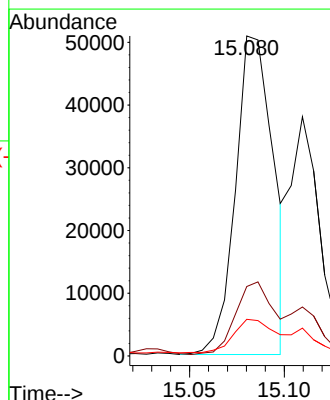
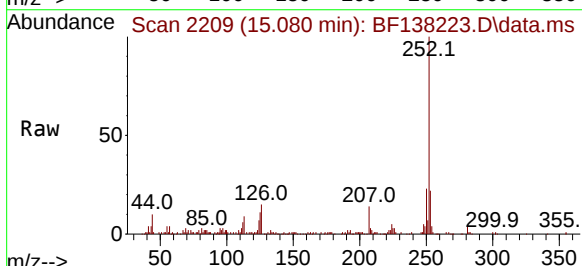
Tgt Ion:252 Resp: 70542

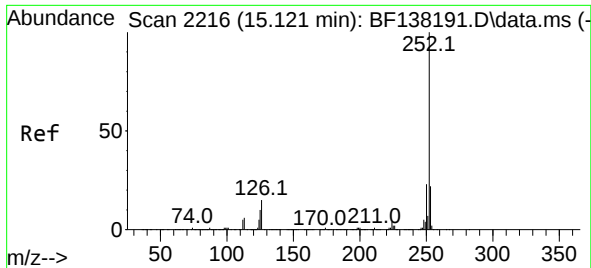
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 11.5 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 2.057 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF138223.D

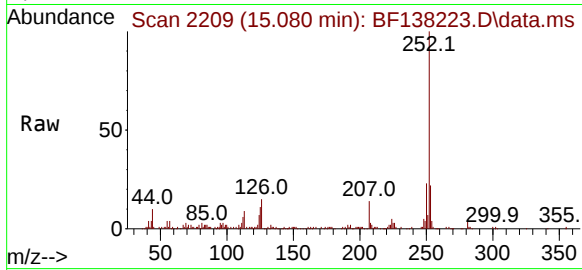
Acq: 18 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

POLE



Tgt Ion:252 Resp: 70542

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 11.5 8.0 12.0

