

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138243.D
 Acq On : 19 Jun 2024 12:30
 Operator : CG\JU
 Sample : PB161530TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161530TB

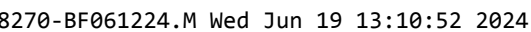
Quant Time: Jun 19 13:05:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

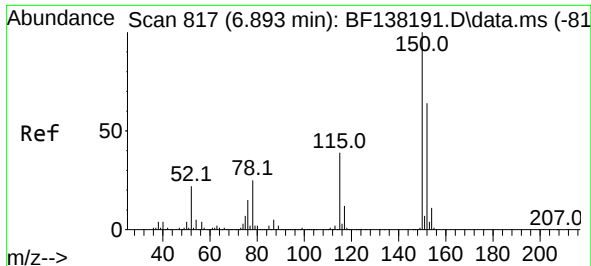
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	363122	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1454515	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	841466	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1529999	20.000	ng	0.00
76) Chrysene-d12	14.045	240	955482	20.000	ng	0.00
86) Perylene-d12	15.521	264	830783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2418819	111.430	ng	0.02
7) Phenol-d6	6.522	99	2982091	108.339	ng	0.00
23) Nitrobenzene-d5	7.457	82	1914866	76.642	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	958504	114.421	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3620896	68.425	ng	0.00
79) Terphenyl-d14	13.004	244	4280023	70.947	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	255734	15.674	ng	# 76
25) Isophorone	7.457	82	1900180	42.047	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	110021	9.837	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	110021	7.975	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2214	7.177	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	62182	3.607	ng	# 1

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

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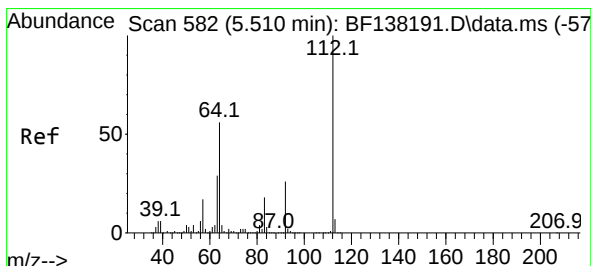
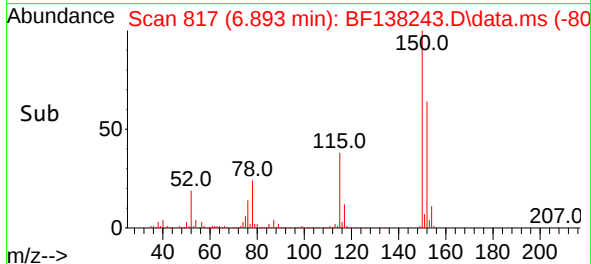
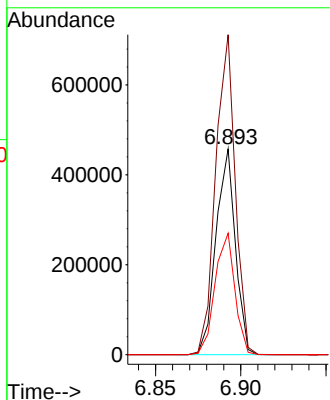
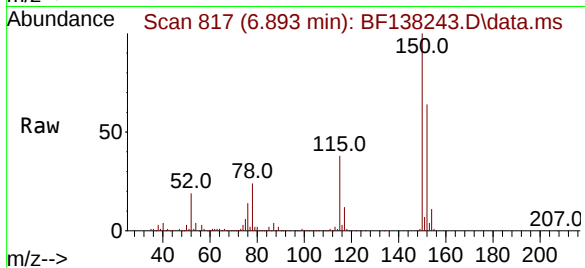




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF138243.D
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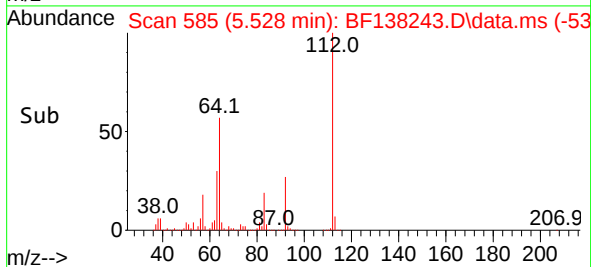
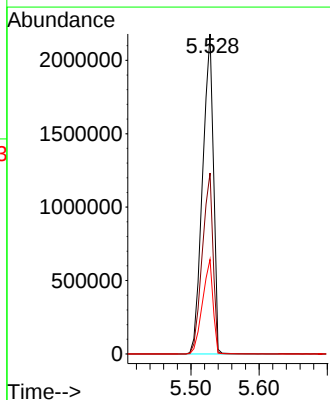
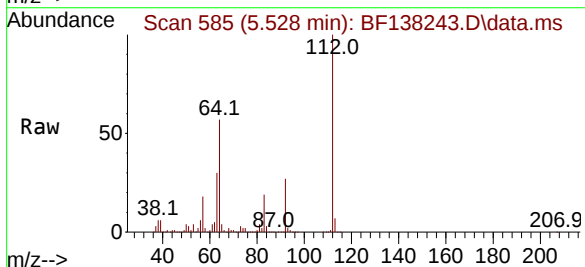
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ClientSampleId :
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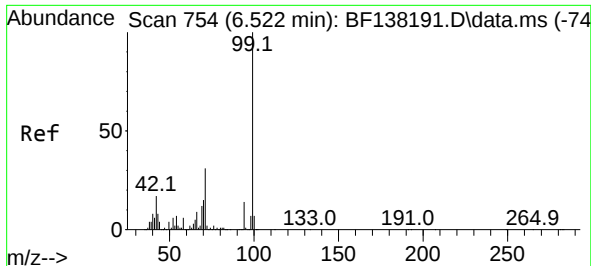
Tgt Ion:152 Resp: 363122
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.4
115 59.0 48.4 72.6



#5
2-Fluorophenol
Concen: 111.430 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

Tgt Ion:112 Resp: 2418819
Ion Ratio Lower Upper
112 100
64 56.6 45.2 67.8
63 29.6 22.9 34.3

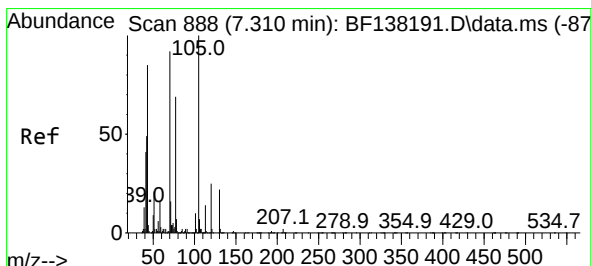
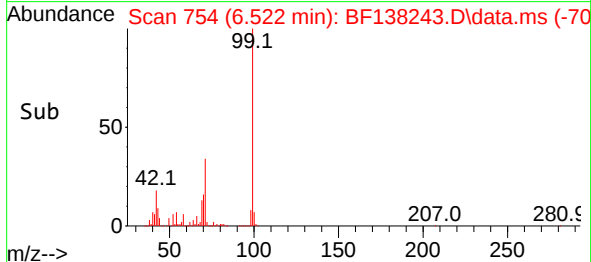
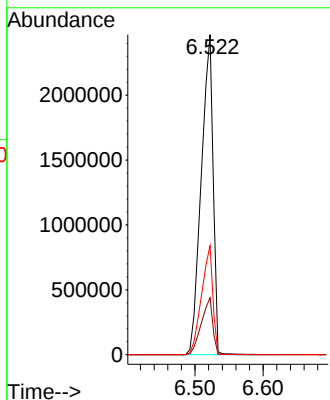
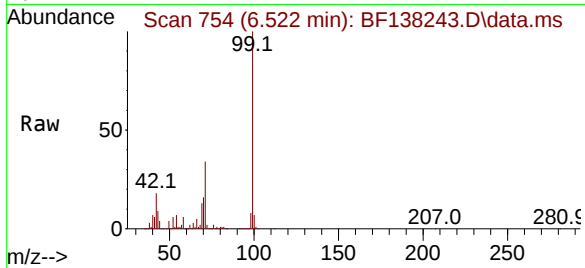




#7
Phenol-d6
Concen: 108.339 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

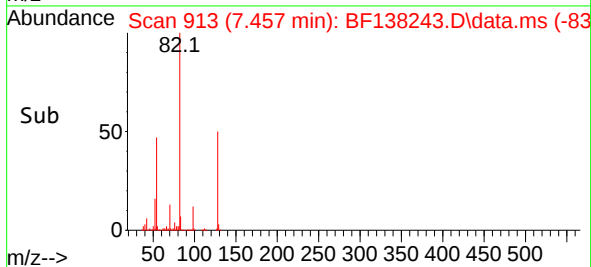
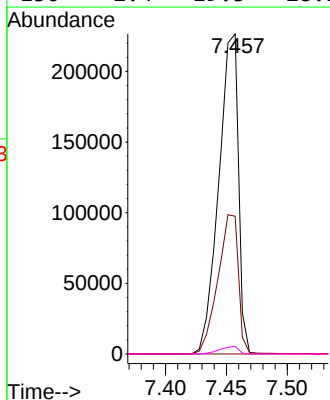
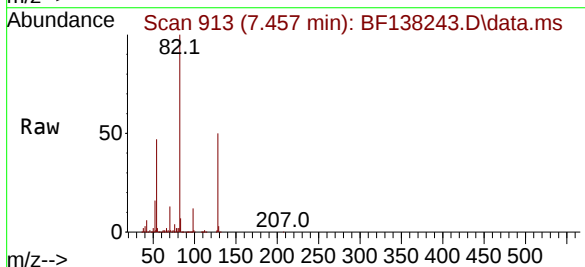
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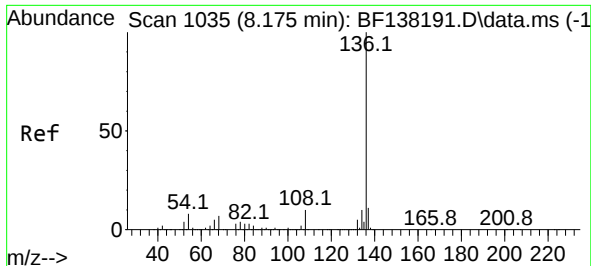
Tgt Ion: 99 Resp: 2982091
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 34.1 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.674 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

Tgt Ion: 70 Resp: 255734
Ion Ratio Lower Upper
70 100
42 43.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 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: BF138243.D
Acq: 19 Jun 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB161530TB

Tgt Ion:136 Resp: 1454515

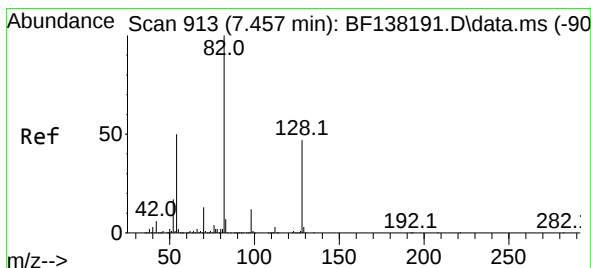
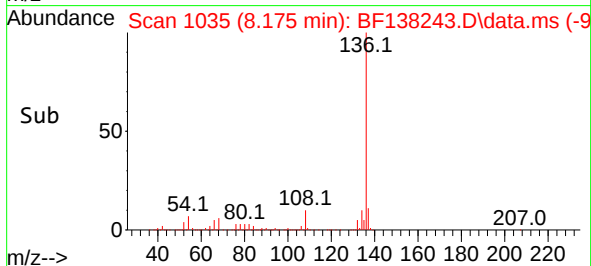
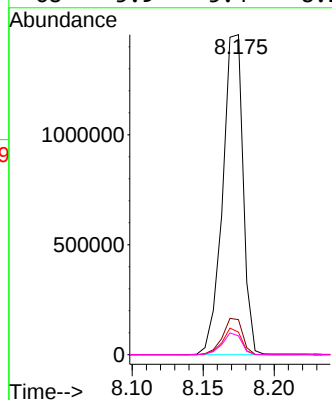
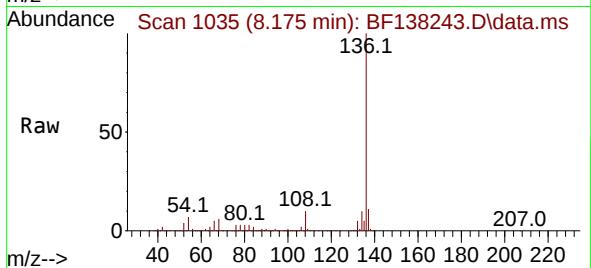
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 6.6 10.0

68 5.9 5.4 8.2



#23
Nitrobenzene-d5
Concen: 76.642 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

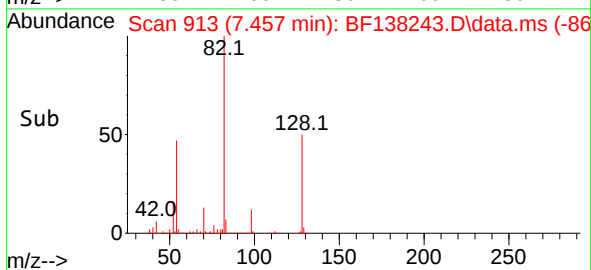
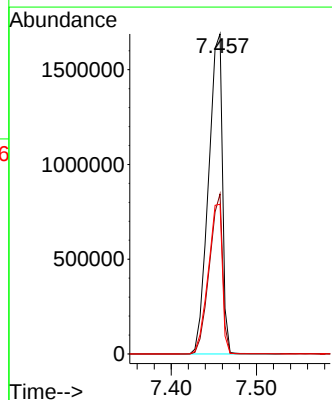
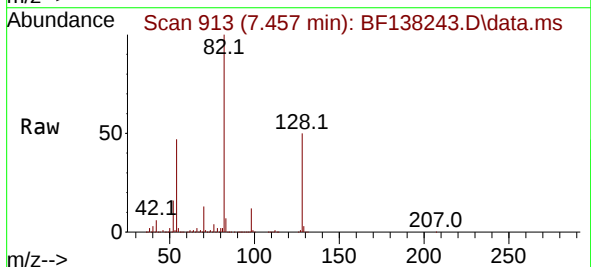
Tgt Ion: 82 Resp: 1914866

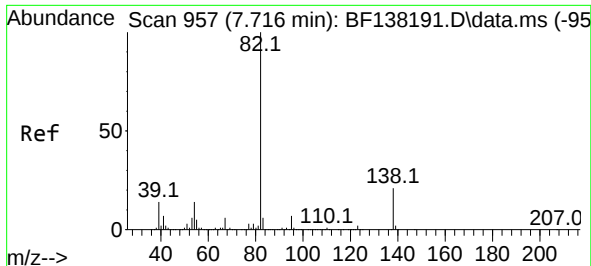
Ion Ratio Lower Upper

82 100

128 50.0 37.2 55.8

54 46.8 39.8 59.6

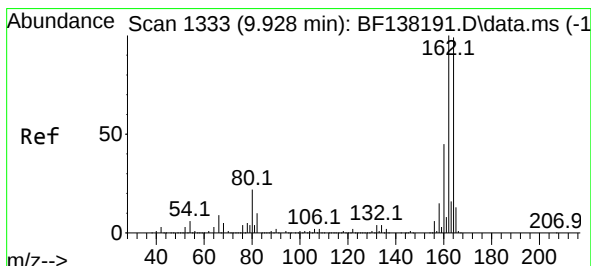
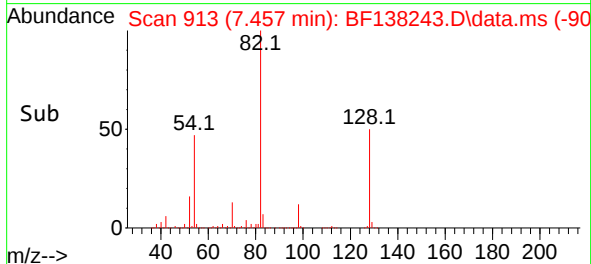
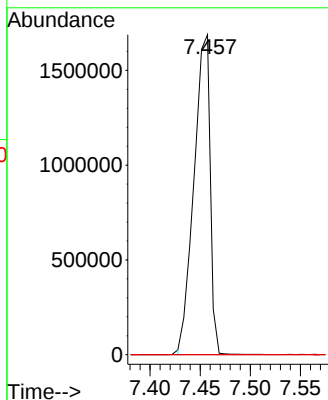
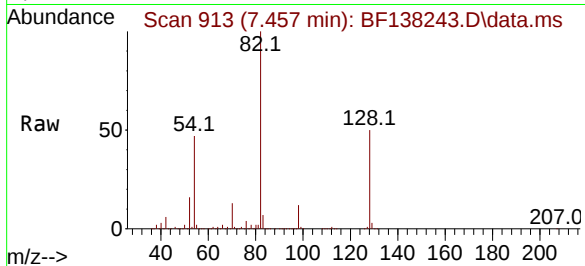




#25
Isophorone
Concen: 42.047 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

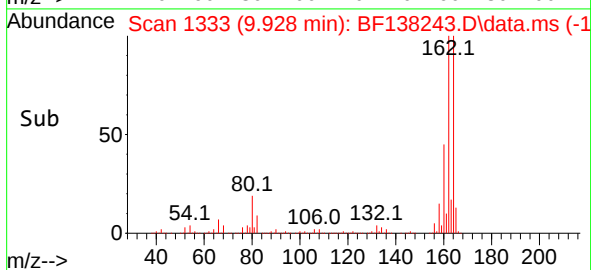
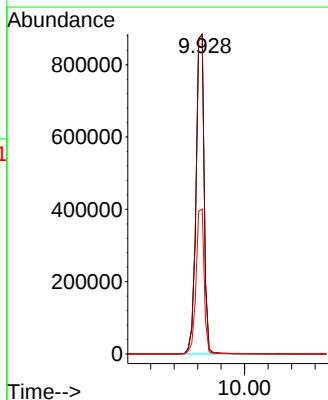
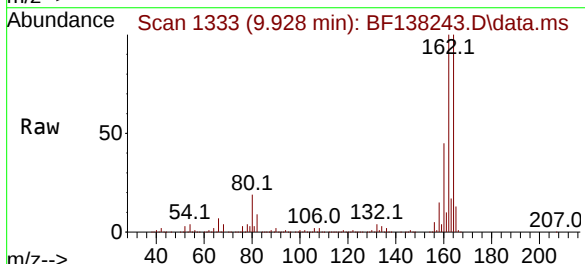
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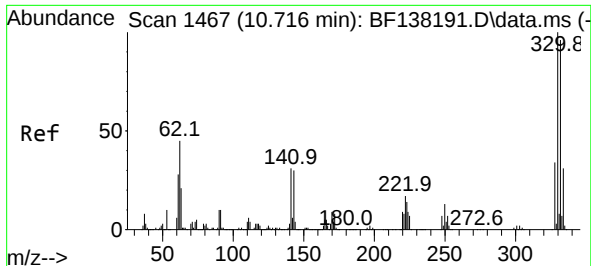
Tgt Ion: 82 Resp: 1900180
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

Tgt Ion: 164 Resp: 841466
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.4 36.3 54.5

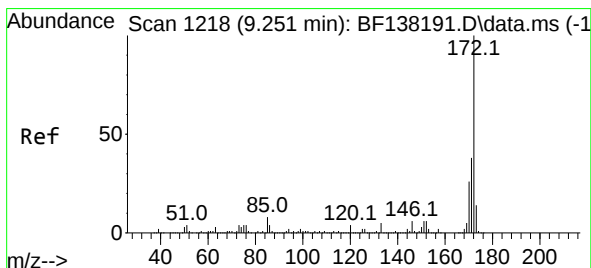
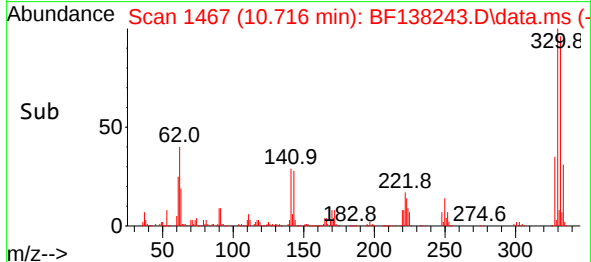
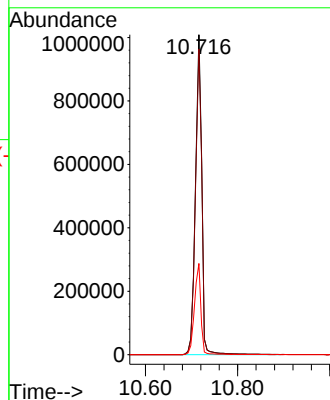
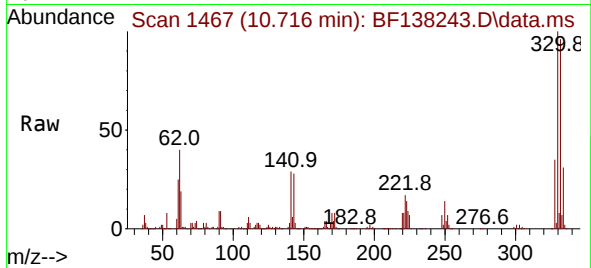




#42
2,4,6-Tribromophenol
Concen: 114.421 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

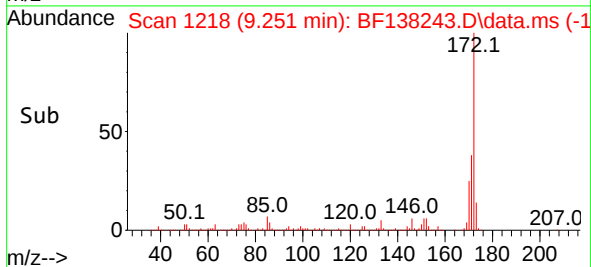
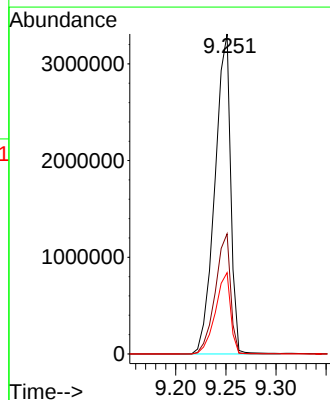
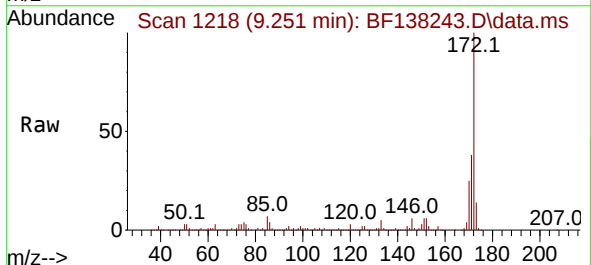
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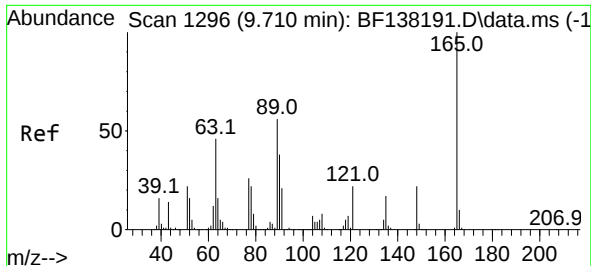
Tgt Ion:330 Resp: 958504
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 29.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 68.425 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

Tgt Ion:172 Resp: 3620896
Ion Ratio Lower Upper
172 100
171 37.5 30.3 45.5
170 25.4 20.6 30.8

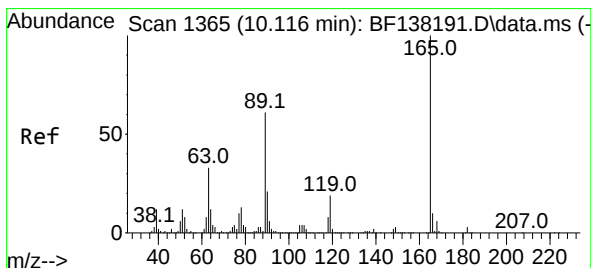
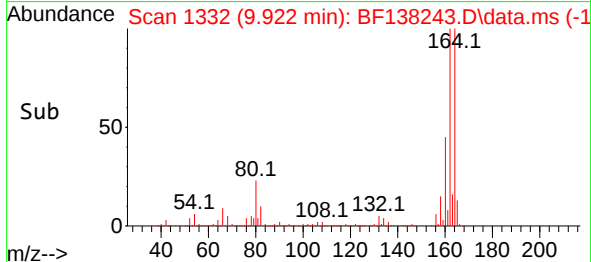
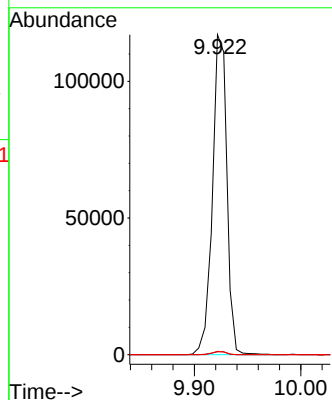
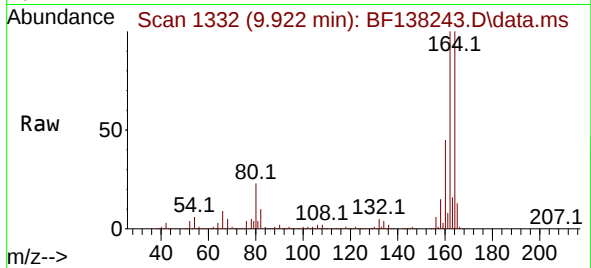




#51
2,6-Dinitrotoluene
Concen: 9.837 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

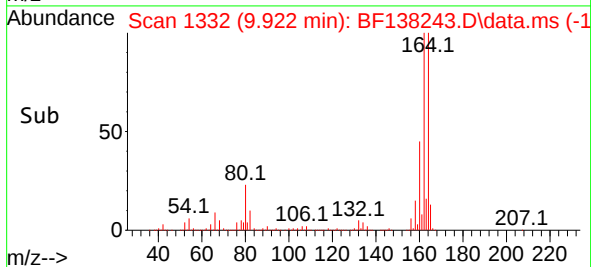
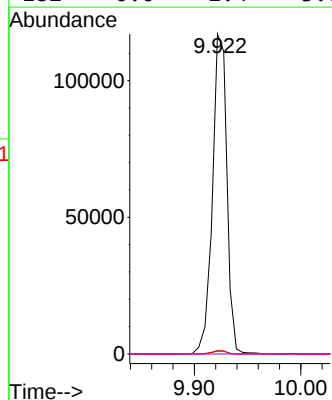
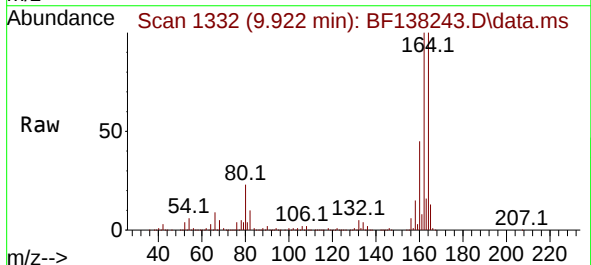
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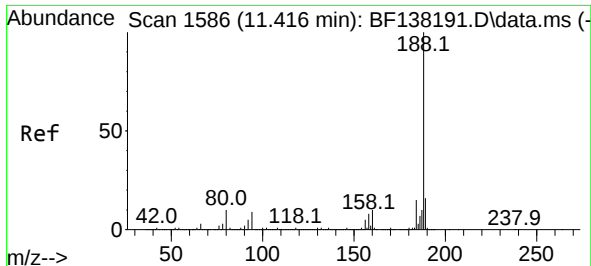
Tgt Ion:165 Resp: 110021
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.975 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

Tgt Ion:165 Resp: 110021
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#

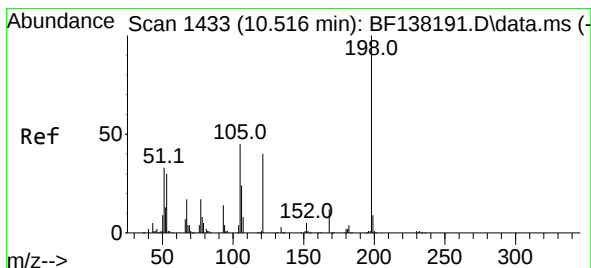
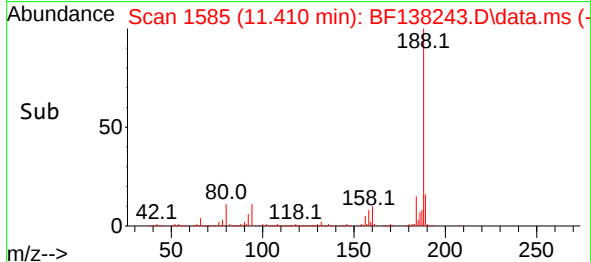
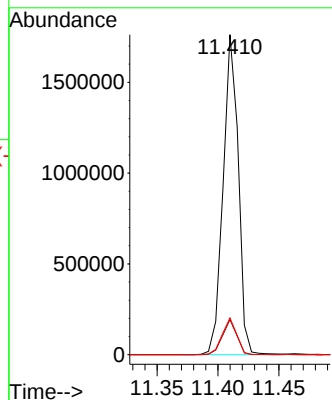
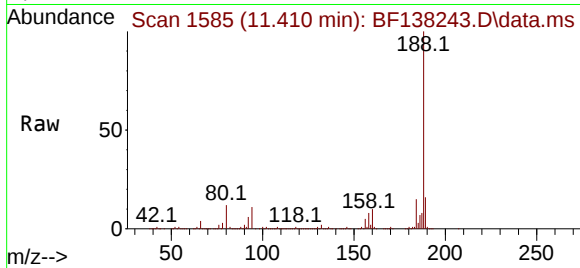




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

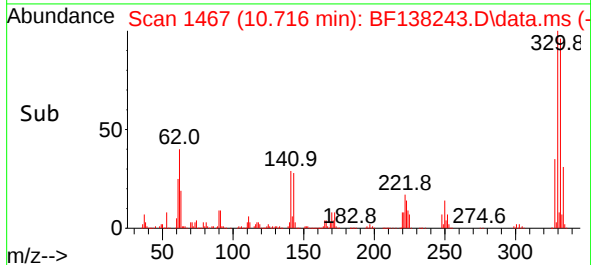
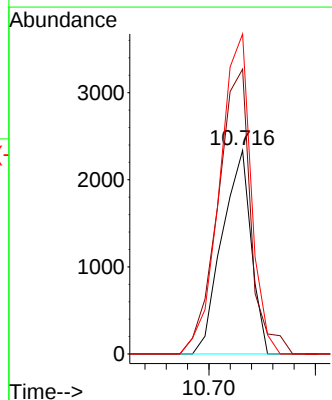
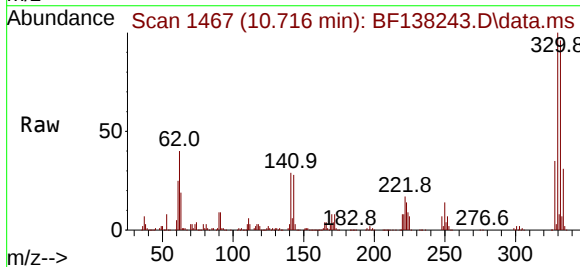
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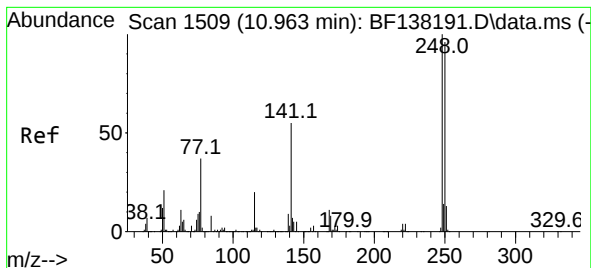
Tgt Ion:188 Resp: 1529999
Ion Ratio Lower Upper
188 100
94 10.9 7.6 11.4
80 11.5 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.177 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

Tgt Ion:198 Resp: 2214
Ion Ratio Lower Upper
198 100
51 139.9 26.9 66.9#
105 157.2 26.0 66.0#

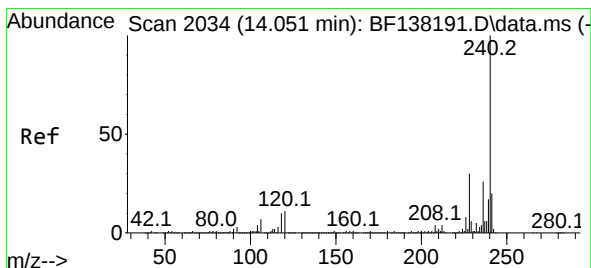
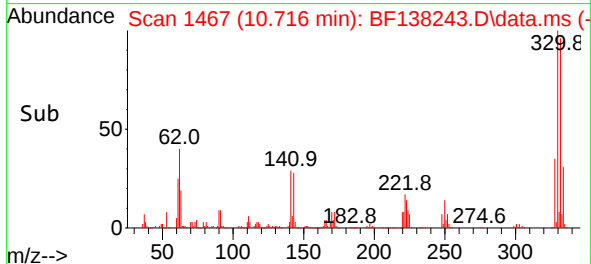
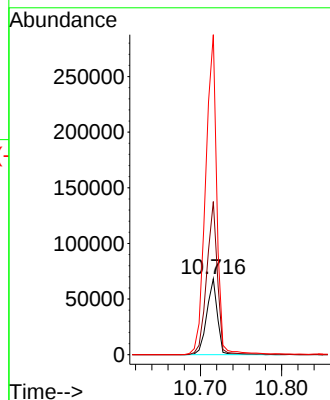
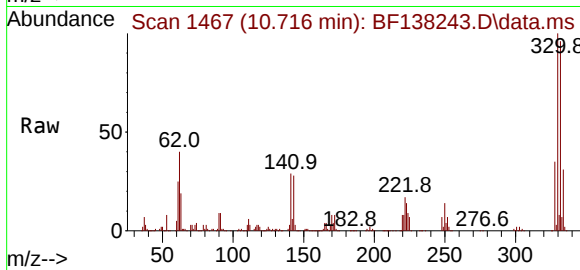




#67
4-Bromophenyl-phenylether
Concen: 3.607 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

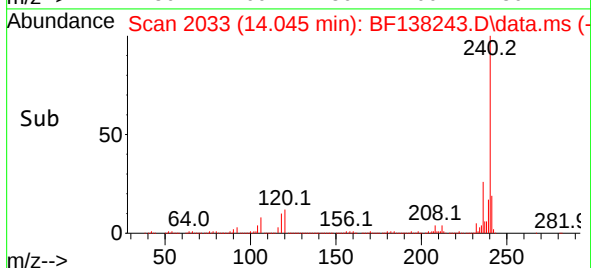
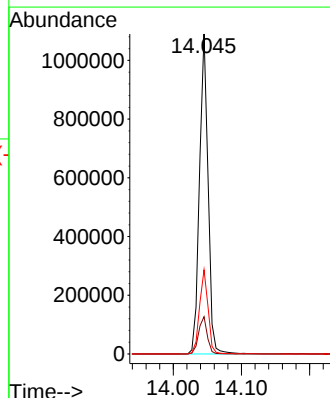
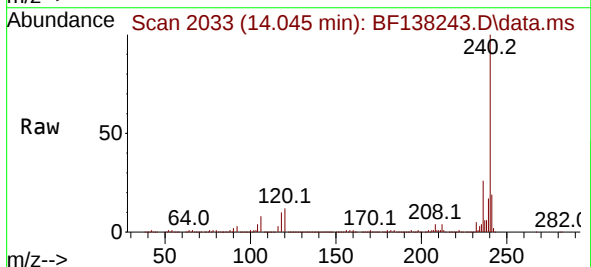
Instrument :
BNA_F
ClientSampleId :
PB161530TB

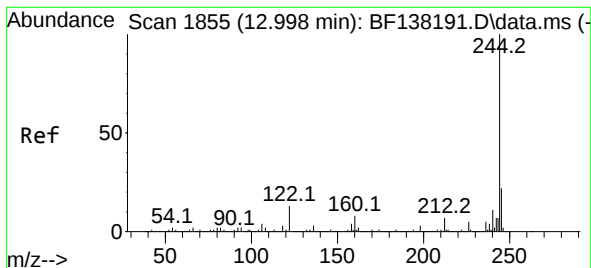
Tgt Ion:248 Resp: 62182
Ion Ratio Lower Upper
248 100
250 201.9 77.2 115.8#
141 421.8 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138243.D
Acq: 19 Jun 2024 12:30

Tgt Ion:240 Resp: 955482
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 70.947 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF138243.D

Acq: 19 Jun 2024 12:30

Instrument :

BNA_F

ClientSampleId :

PB161530TB

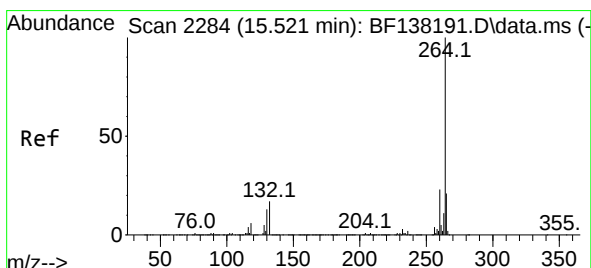
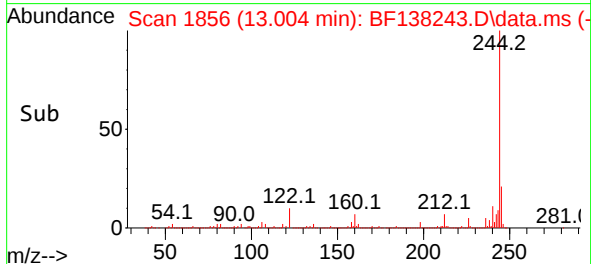
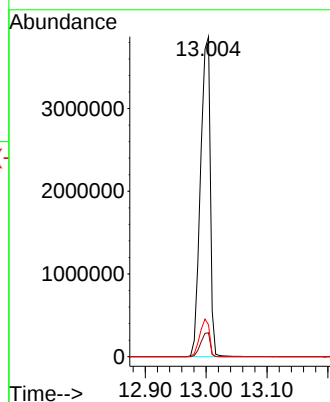
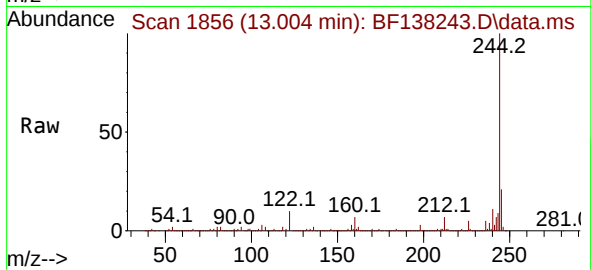
Tgt Ion:244 Resp: 4280023

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 10.0 10.6 15.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138243.D

Acq: 19 Jun 2024 12:30

Tgt Ion:264 Resp: 830783

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.5 17.0 25.6

