

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138373.D
 Acq On : 27 Jun 2024 18:39
 Operator : CG\JU
 Sample : P3076-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-N-1

Quant Time: Jun 28 01:12:49 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)

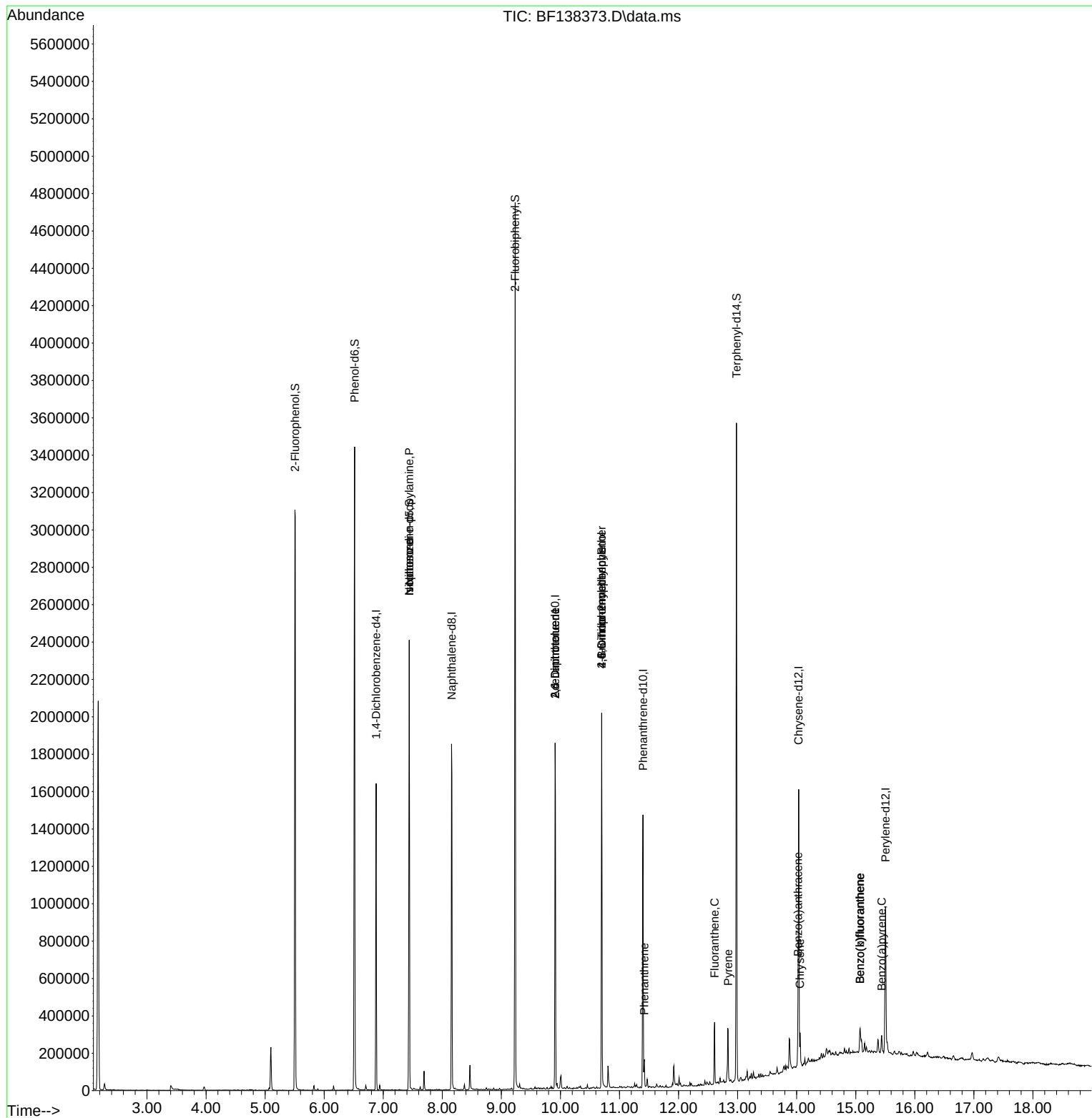
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	225950	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	829504	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	383515	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	517763	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	448921	20.000	ng	-0.02
86) Perylene-d12	15.504	264	365001	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	952479	70.517	ng	0.00
7) Phenol-d6	6.516	99	1158375	67.632	ng	0.00
23) Nitrobenzene-d5	7.439	82	717535	50.358	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	235488	61.679	ng	-0.02
45) 2-Fluorobiphenyl	9.233	172	1332149	55.234	ng	-0.02
79) Terphenyl-d14	12.980	244	1152350	40.656	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	95204	9.377	ng	# 75
25) Isophorone	7.439	82	717526	27.840	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	50677	9.941	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	50677	8.060	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.698	198	496	7.095	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	14515	2.488	ng	# 1
71) Phenanthrene	11.422	178	52781	2.061	ng	95
75) Fluoranthene	12.610	202	126430	4.842	ng	97
78) Pyrene	12.839	202	123779	3.197	ng	97
81) Benzo(a)anthracene	14.021	228	71780	2.492	ng	99
83) Chrysene	14.057	228	63867	2.326	ng	97
88) Benzo(b)fluoranthene	15.074	252	96902	4.502	ng	# 96
89) Benzo(k)fluoranthene	15.074	252	96902	4.594	ng	# 96
90) Benzo(a)pyrene	15.439	252	44272	2.394	ng	# 96

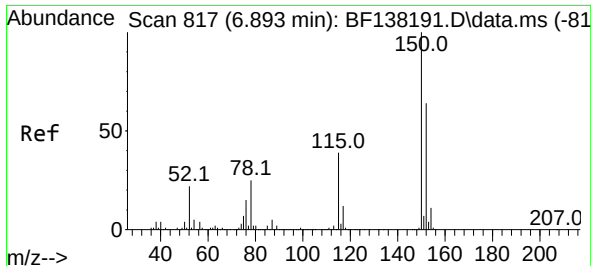
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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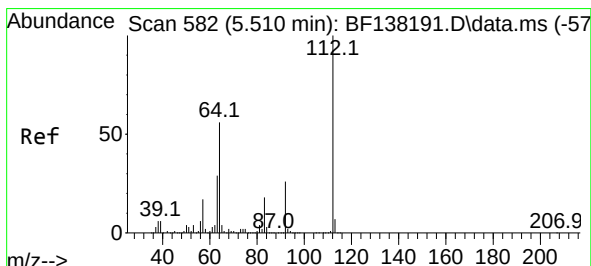
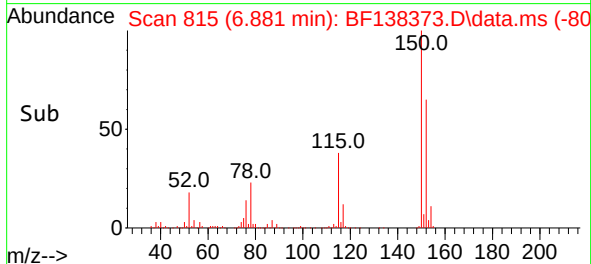
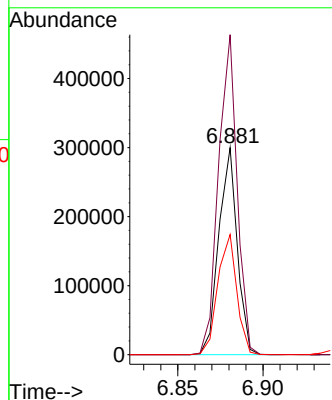
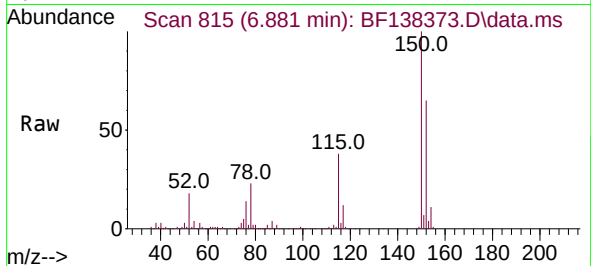




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

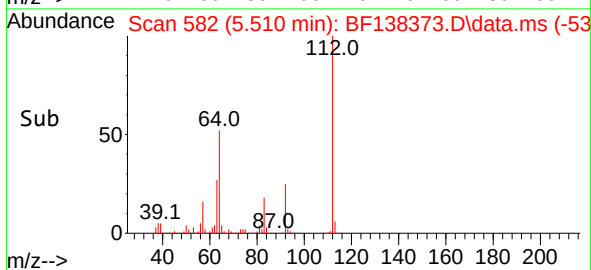
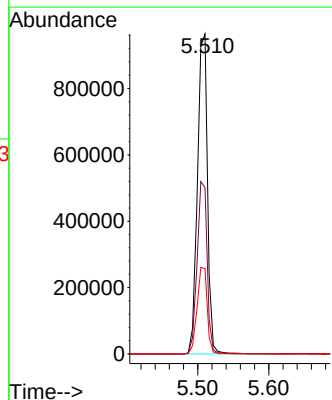
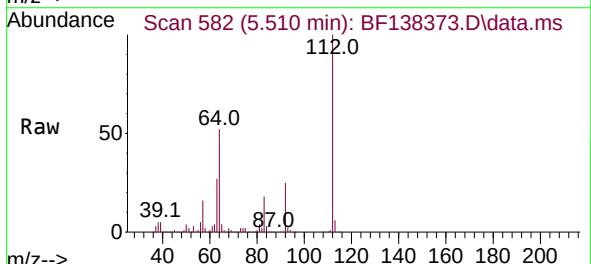
Instrument :
BNA_F
ClientSampleId :
7-N-1

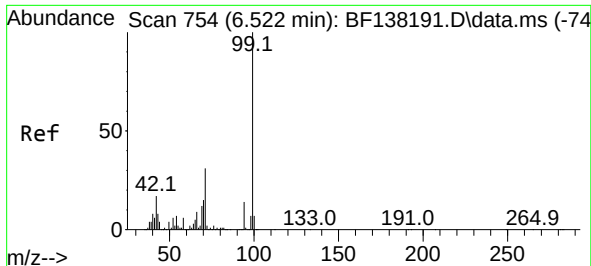
Tgt Ion:152 Resp: 225950
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.4
115 58.0 48.4 72.6



#5
2-Fluorophenol
Concen: 70.517 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion:112 Resp: 952479
Ion Ratio Lower Upper
112 100
64 52.0 45.2 67.8
63 26.7 22.9 34.3

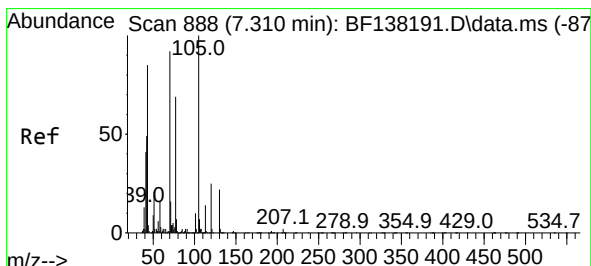
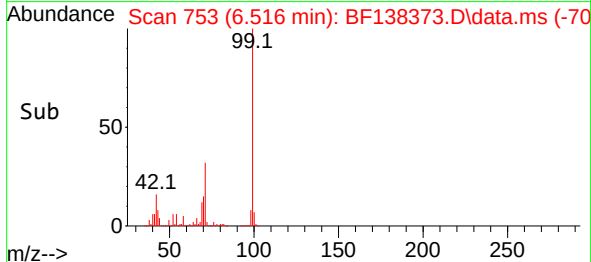
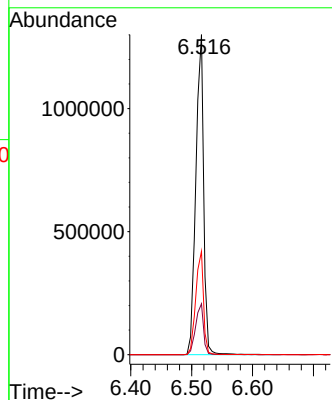
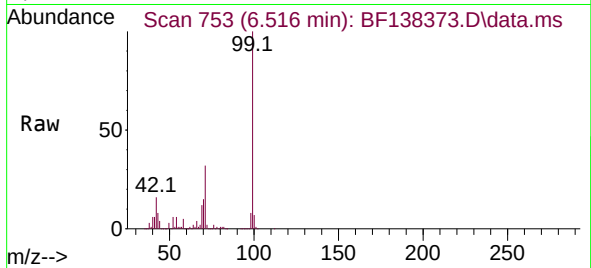




#7
Phenol-d6
Concen: 67.632 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

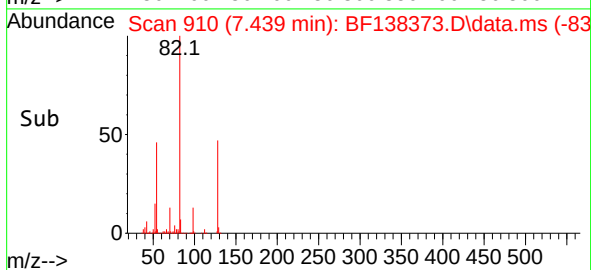
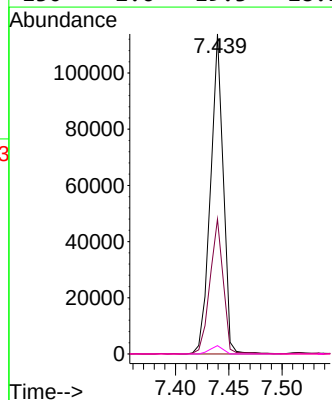
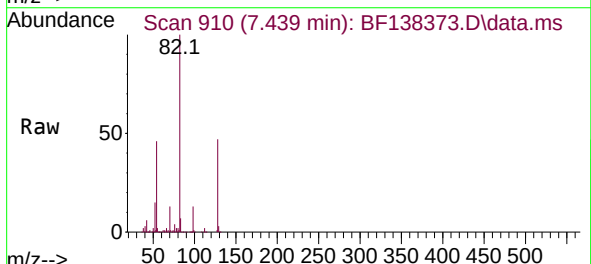
Instrument :
BNA_F
ClientSampleId :
7-N-1

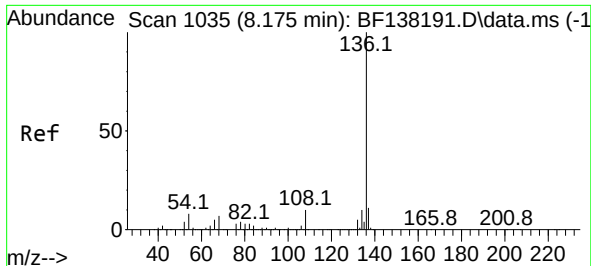
Tgt Ion: 99 Resp: 1158375
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 32.3 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.377 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion: 70 Resp: 95204
Ion Ratio Lower Upper
70 100
42 42.2 42.8 64.2#
101 0.0 8.4 12.6#
130 2.6 19.3 28.9#

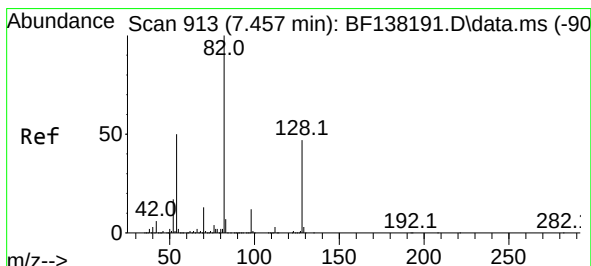
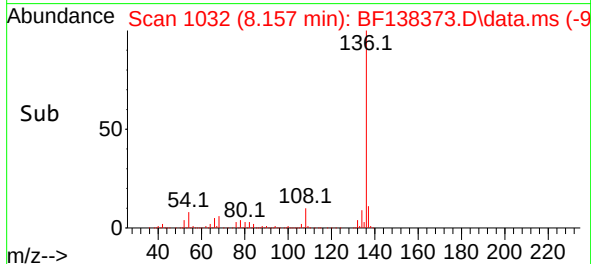
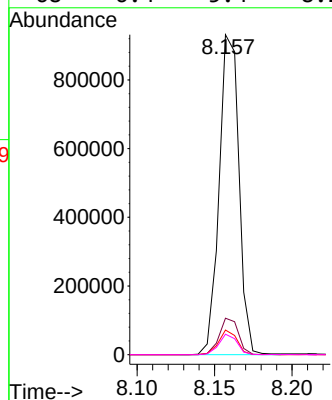
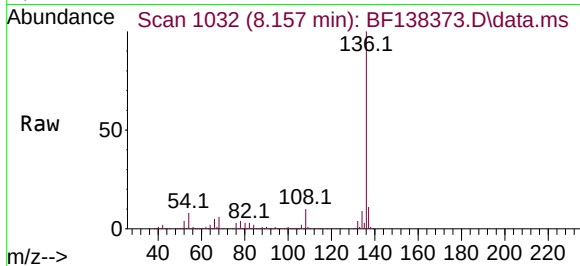




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

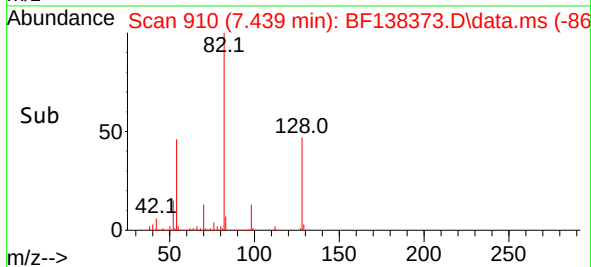
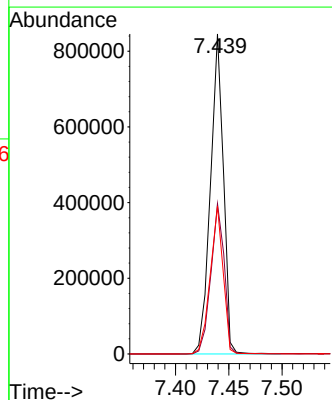
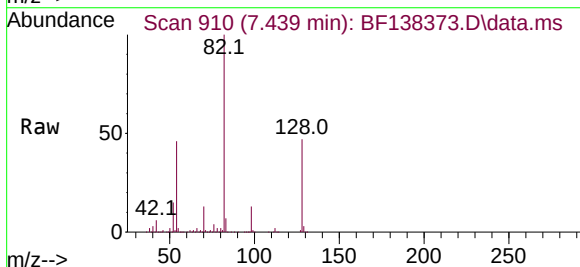
Instrument :
BNA_F
ClientSampleId :
7-N-1

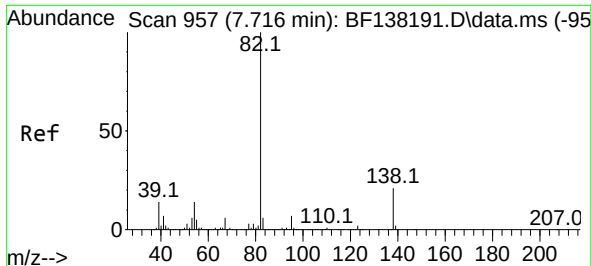
Tgt Ion:	136	Resp:	829504
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.7	6.6	10.0
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 50.358 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion:	82	Resp:	717535
Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.2	55.8
54	46.3	39.8	59.6

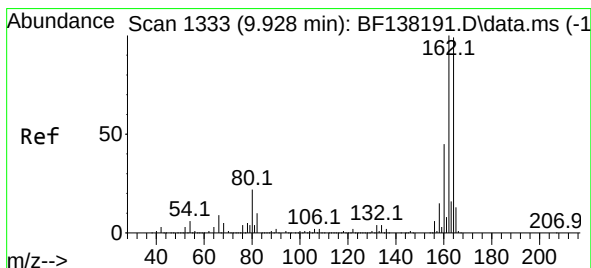
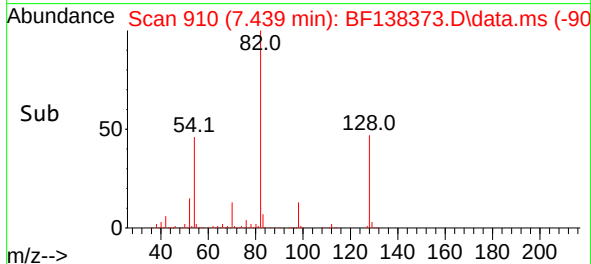
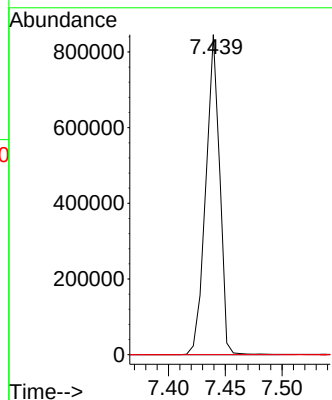
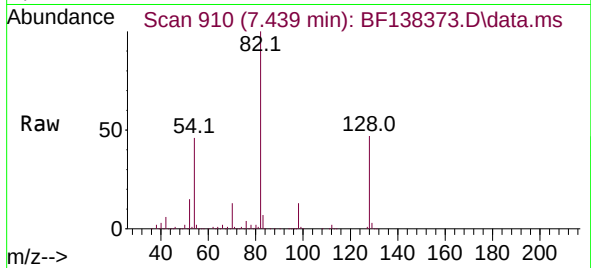




#25
Isophorone
Concen: 27.840 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.277 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

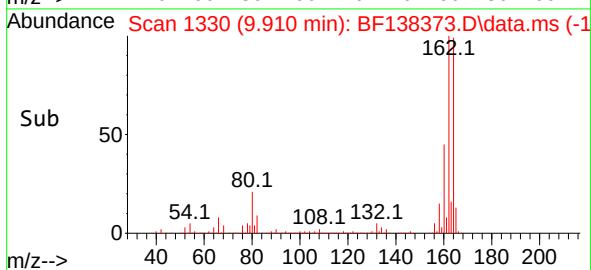
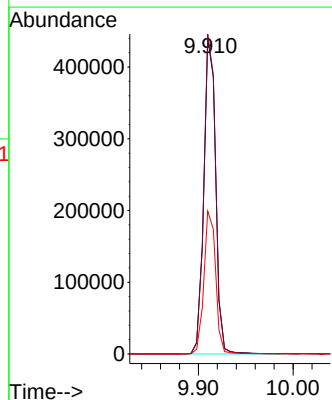
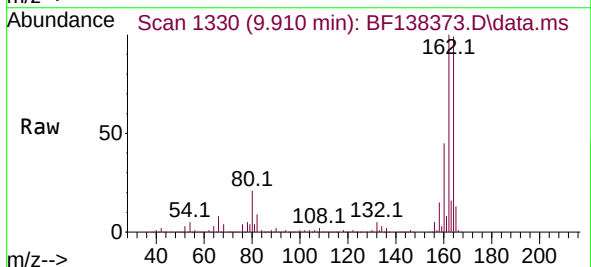
Instrument :
BNA_F
ClientSampleId :
7-N-1

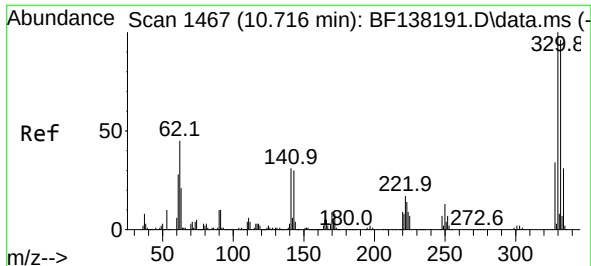
Tgt Ion: 82 Resp: 717526
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion:164 Resp: 383515
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.3 36.3 54.5

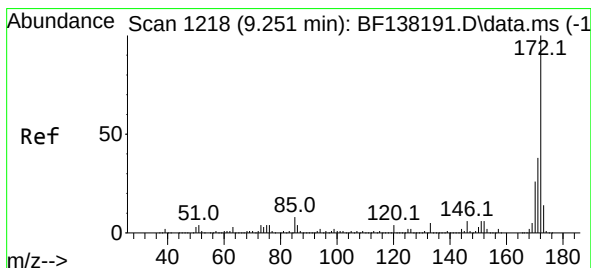
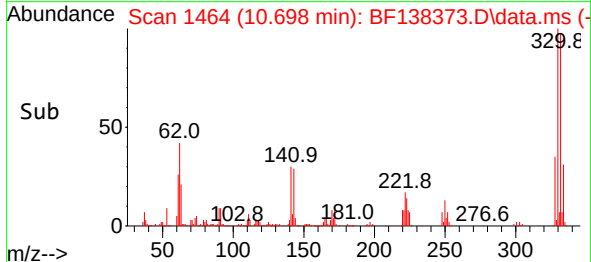
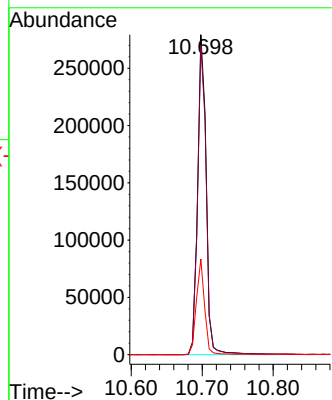
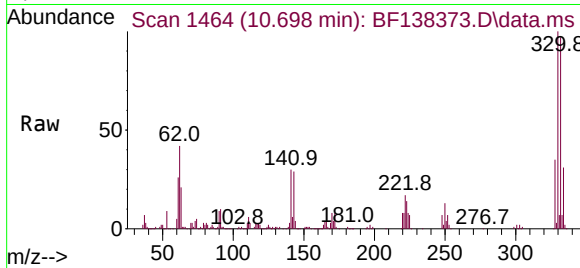




#42
 2,4,6-Tribromophenol
 Concen: 61.679 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.018 min
 Lab File: BF138373.D
 Acq: 27 Jun 2024 18:39

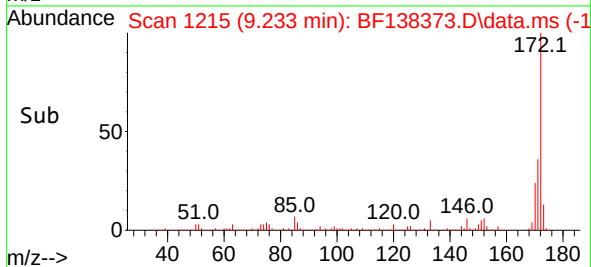
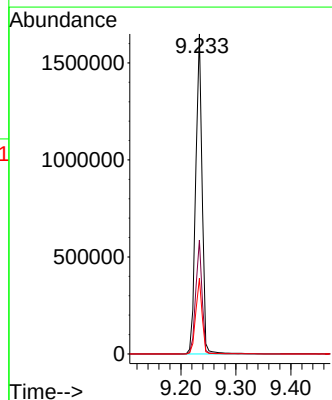
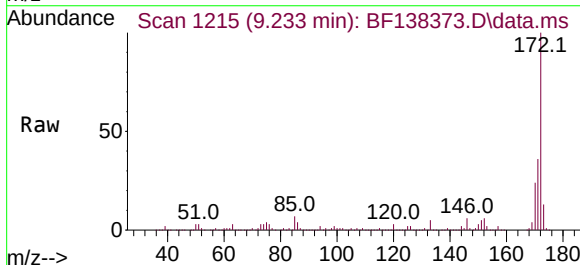
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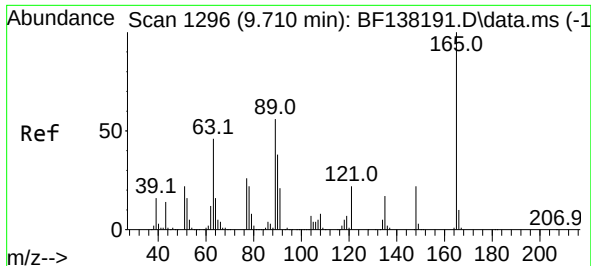
Tgt Ion: 330 Resp: 235488
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 115.0
 141 28.8 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 55.234 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. -0.018 min
 Lab File: BF138373.D
 Acq: 27 Jun 2024 18:39

Tgt Ion: 172 Resp: 1332149
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.3 45.5
 170 23.6 20.6 30.8

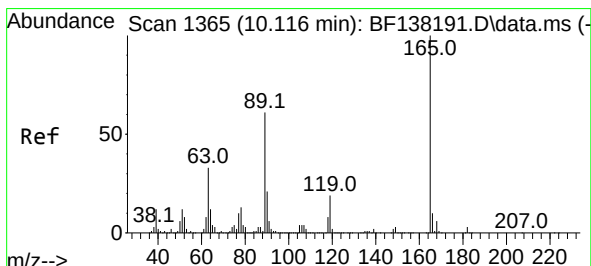
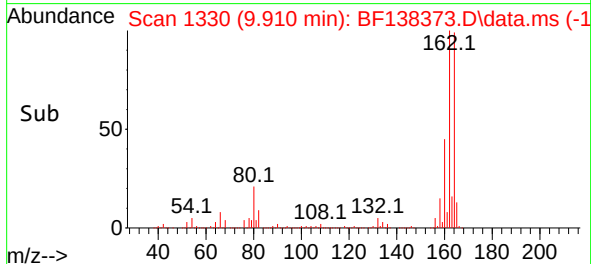
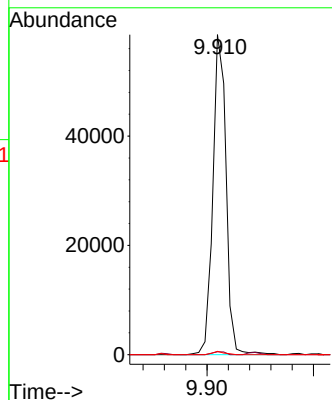
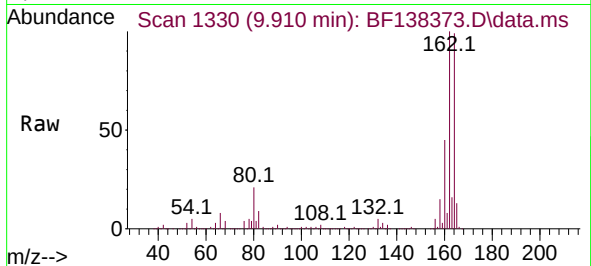




#51
2,6-Dinitrotoluene
Concen: 9.941 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

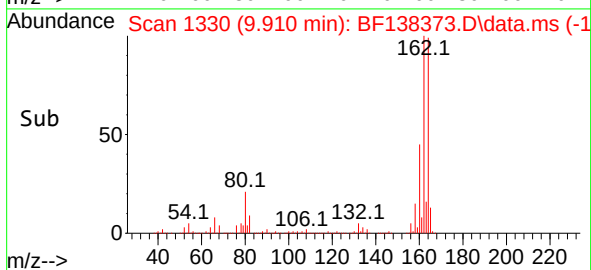
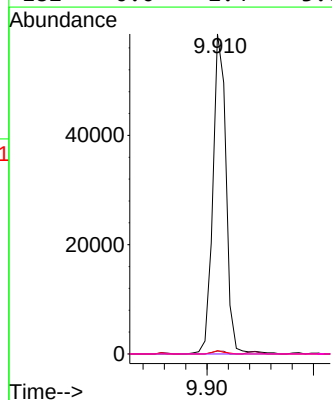
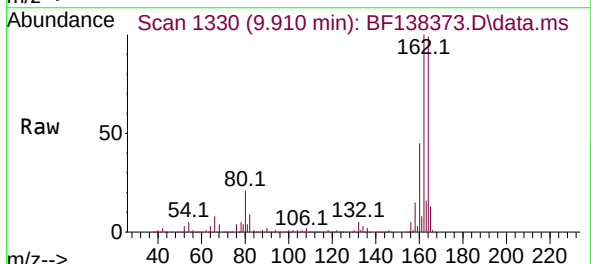
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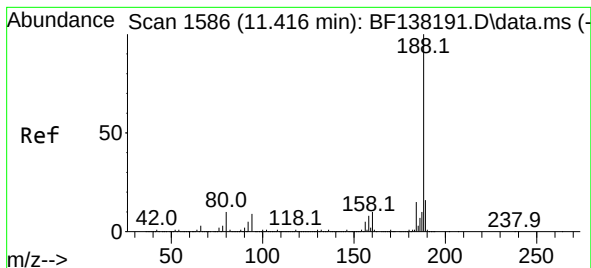
Tgt Ion:165 Resp: 50677
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.060 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.206 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion:165 Resp: 50677
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: 11.398 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

Instrument :

BNA_F

ClientSampleId :

7-N-1

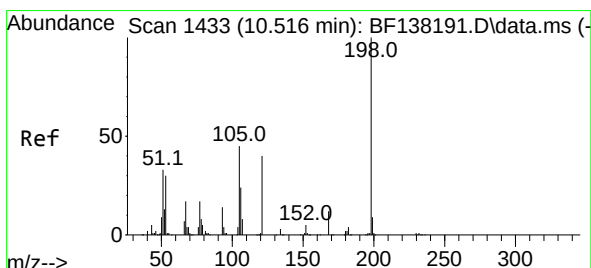
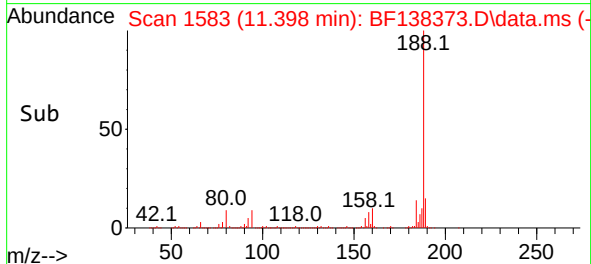
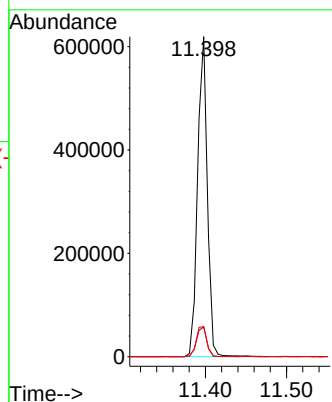
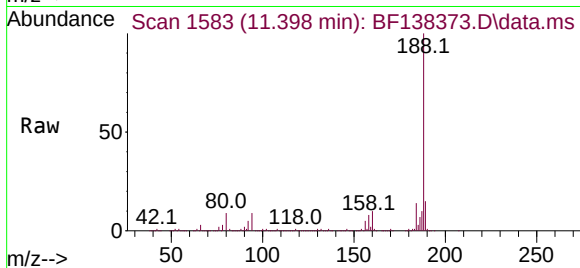
Tgt Ion:188 Resp: 517763

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.095 ng

RT: 10.698 min Scan# 1464

Delta R.T. 0.182 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

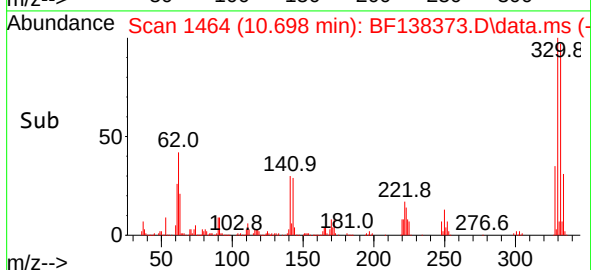
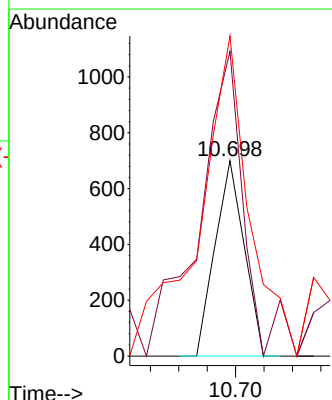
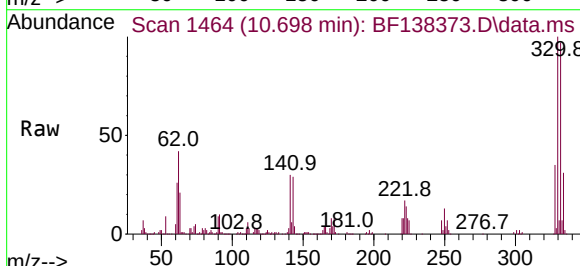
Tgt Ion:198 Resp: 496

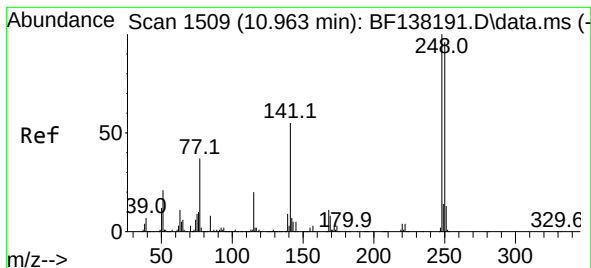
Ion Ratio Lower Upper

198 100

51 156.0 26.9 66.9#

105 163.9 26.0 66.0#

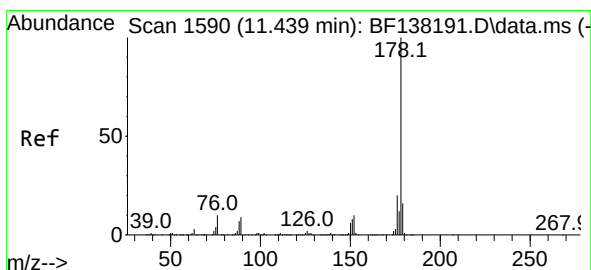
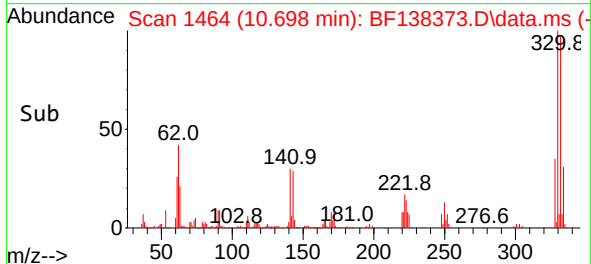
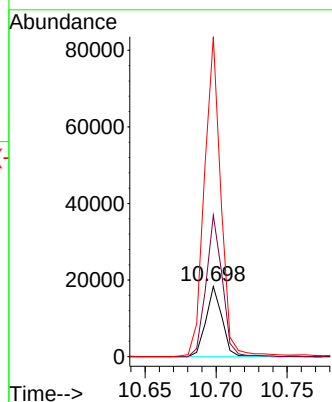
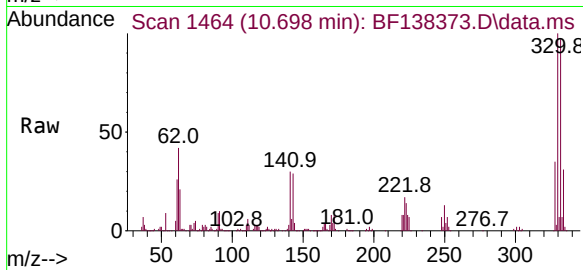




#67
4-Bromophenyl-phenylether
Concen: 2.488 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.265 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

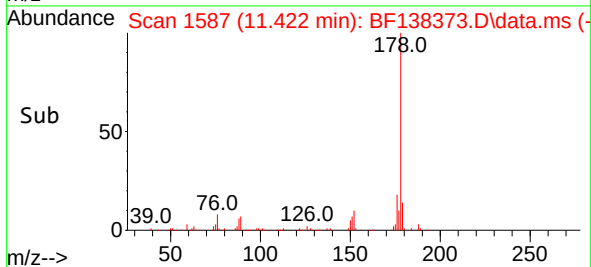
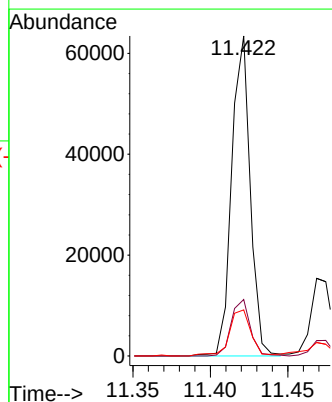
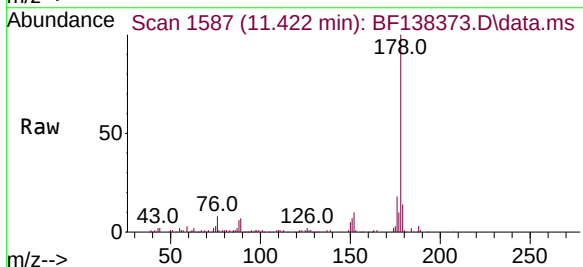
Instrument :
BNA_F
ClientSampleId :
7-N-1

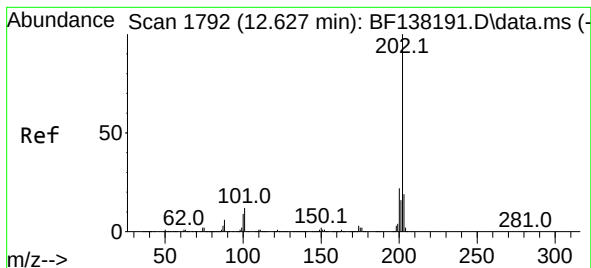
Tgt Ion:248 Resp: 14515
Ion Ratio Lower Upper
248 100
250 201.3 77.2 115.8#
141 455.3 44.1 66.1#



#71
Phenanthrene
Concen: 2.061 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion:178 Resp: 52781
Ion Ratio Lower Upper
178 100
176 17.6 16.4 24.6
179 14.4 13.1 19.7

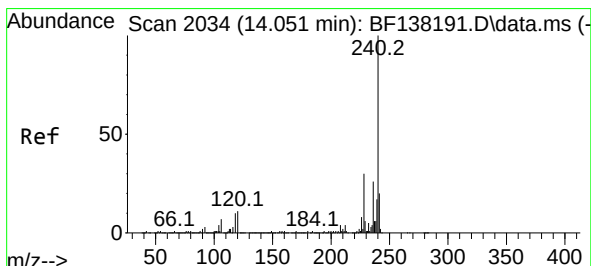
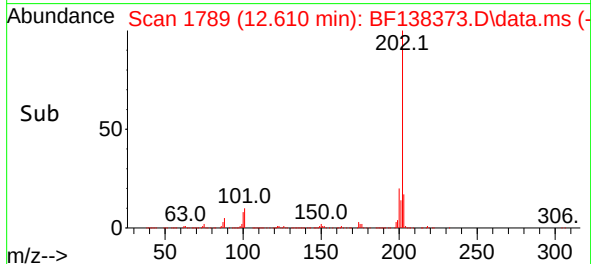
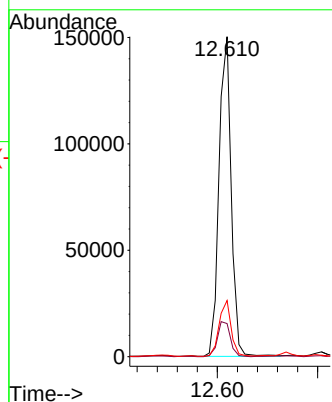
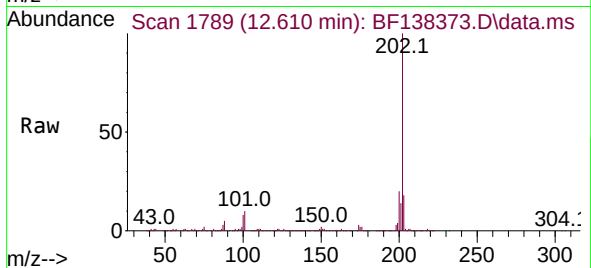




#75
Fluoranthene
Concen: 4.842 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

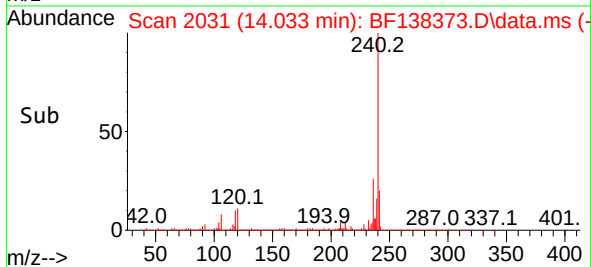
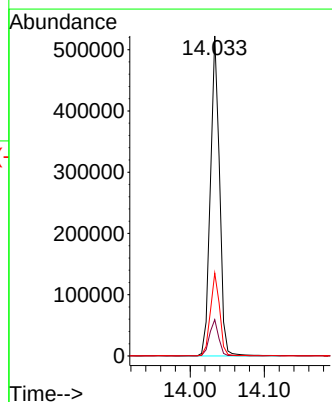
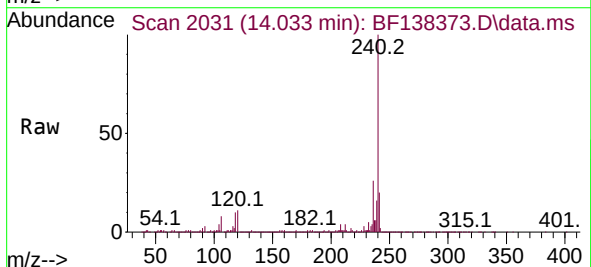
Instrument :
BNA_F
ClientSampleId :
7-N-1

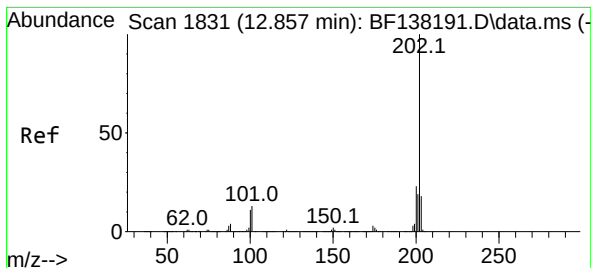
Tgt Ion:202 Resp: 126430
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.8
203 17.5 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion:240 Resp: 448921
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.9 21.0 31.6





#78

Pyrene

Concen: 3.197 ng

RT: 12.839 min Scan# 1828

Delta R.T. -0.018 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

Instrument :

BNA_F

ClientSampleId :

7-N-1

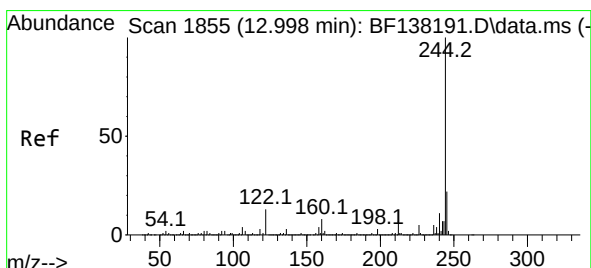
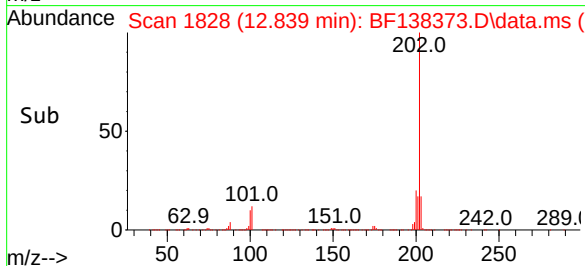
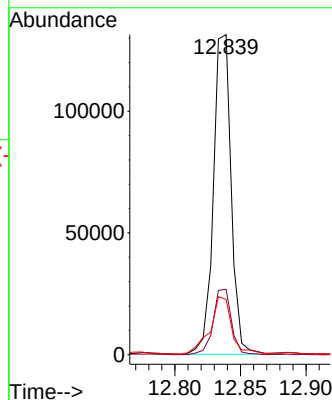
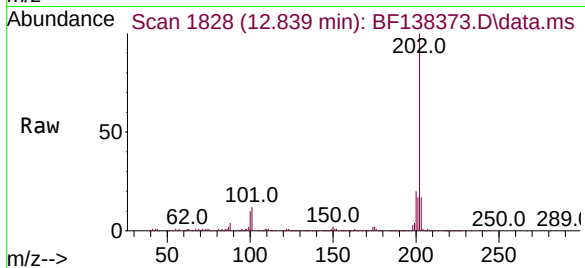
Tgt Ion:202 Resp: 123779

Ion Ratio Lower Upper

202 100

200 20.4 18.0 27.0

203 17.3 14.7 22.1



#79

Terphenyl-d14

Concen: 40.656 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

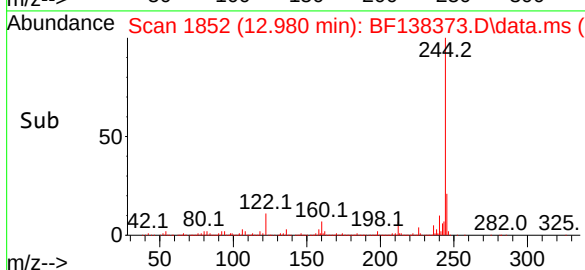
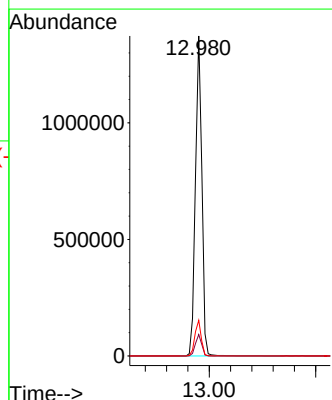
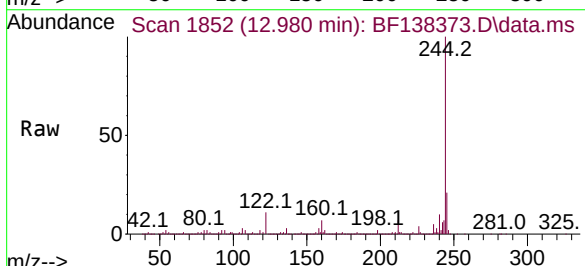
Tgt Ion:244 Resp: 1152350

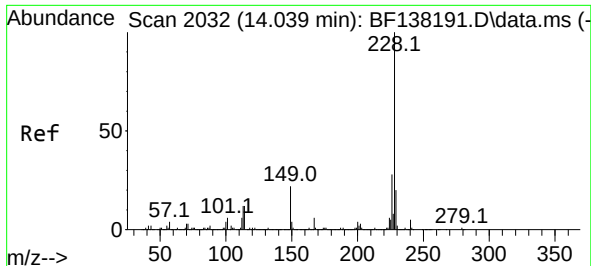
Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 11.1 10.6 15.8

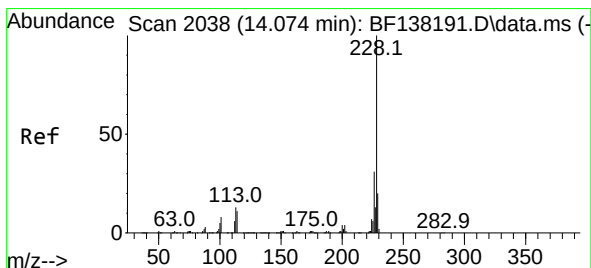
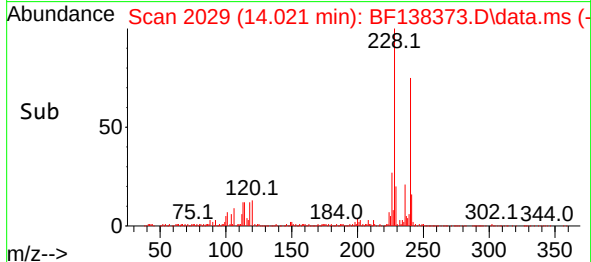
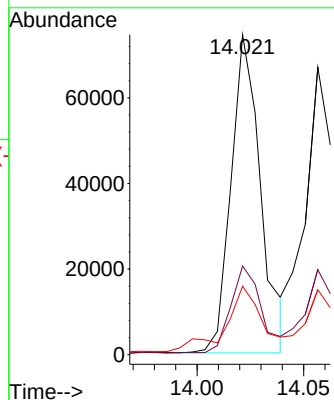
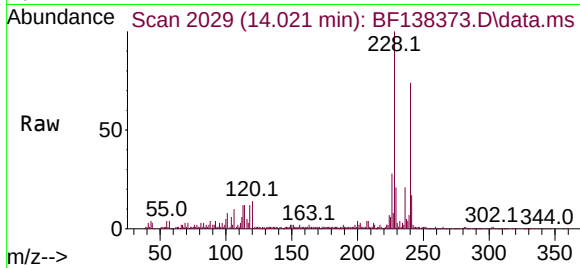




#81
Benzo(a)anthracene
Concen: 2.492 ng
RT: 14.021 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

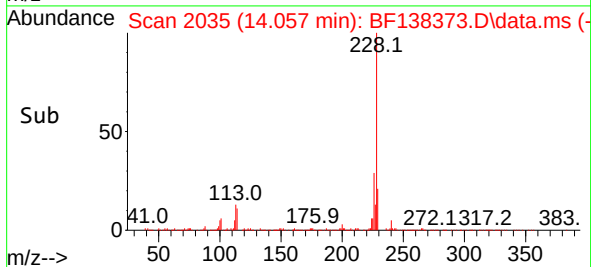
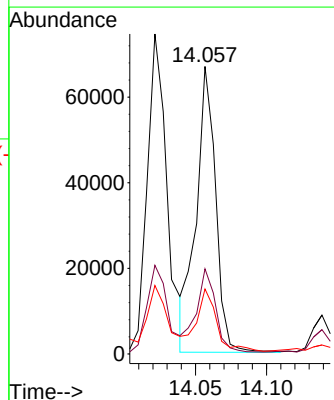
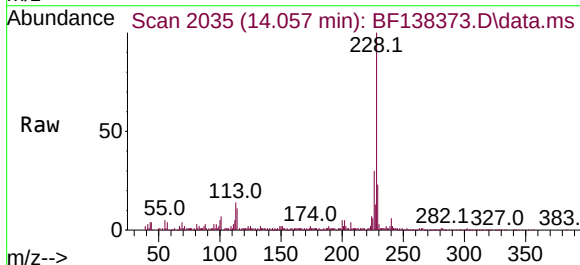
Instrument :
BNA_F
ClientSampleId :
7-N-1

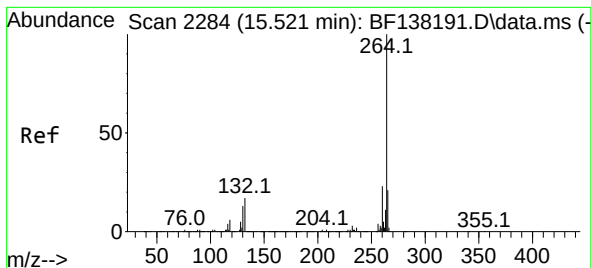
Tgt Ion:228 Resp: 71780
Ion Ratio Lower Upper
228 100
226 27.7 22.5 33.7
229 21.4 16.3 24.5



#83
Chrysene
Concen: 2.326 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.018 min
Lab File: BF138373.D
Acq: 27 Jun 2024 18:39

Tgt Ion:228 Resp: 63867
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 22.6 16.3 24.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

Instrument :

BNA_F

ClientSampleId :

7-N-1

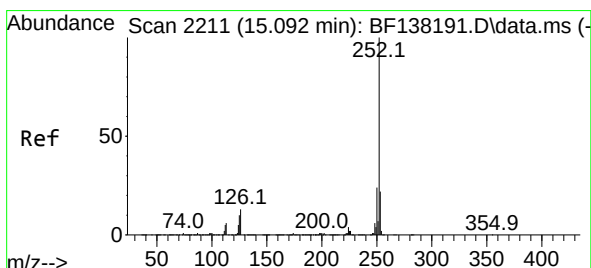
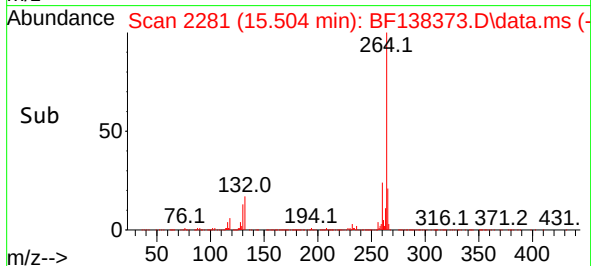
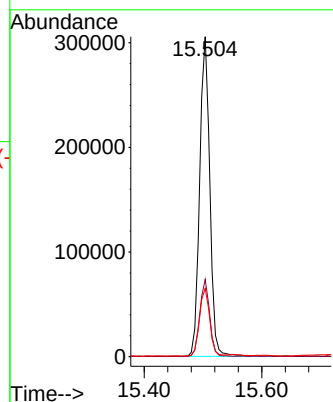
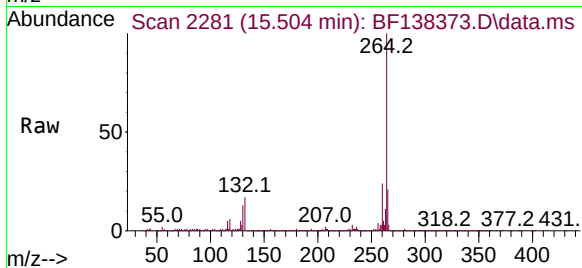
Tgt Ion:264 Resp: 365001

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.3 17.0 25.6



#88

Benzo(b)fluoranthene

Concen: 4.502 ng

RT: 15.074 min Scan# 2208

Delta R.T. -0.018 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

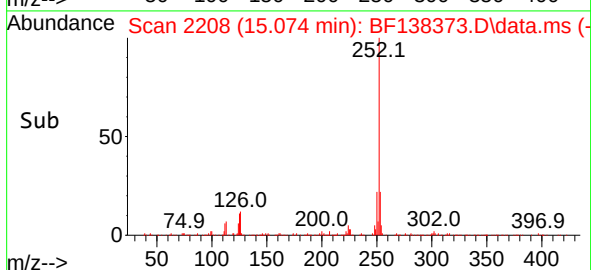
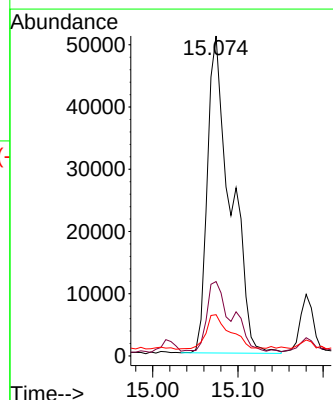
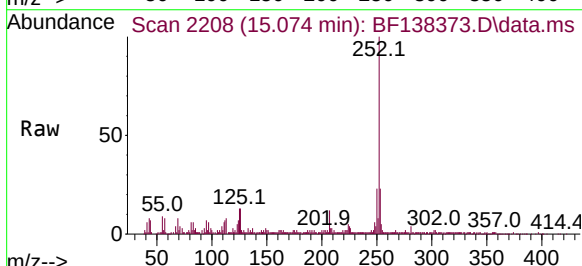
Tgt Ion:252 Resp: 96902

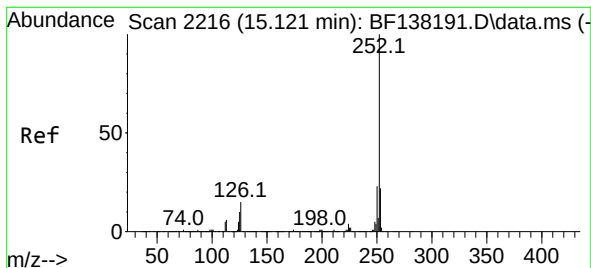
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 12.9 7.8 11.8#





#89

Benzo(k)fluoranthene

Concen: 4.594 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

Instrument :

BNA_F

ClientSampleId :

7-N-1

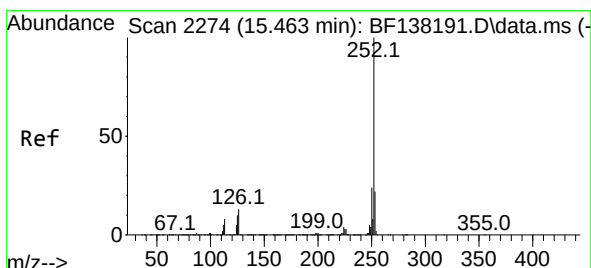
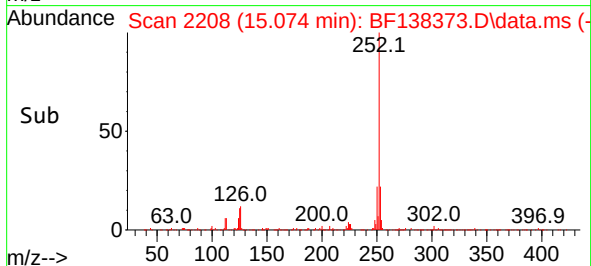
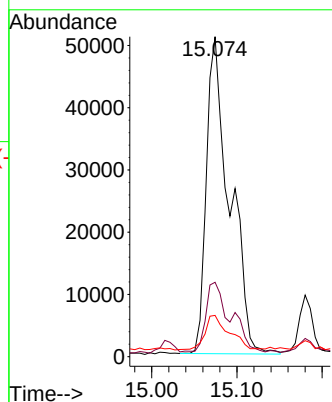
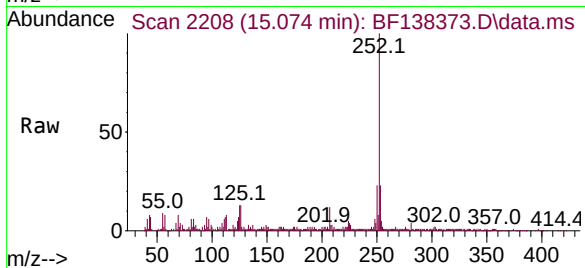
Tgt Ion:252 Resp: 96902

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 12.9 8.0 12.0#



#90

Benzo(a)pyrene

Concen: 2.394 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.024 min

Lab File: BF138373.D

Acq: 27 Jun 2024 18:39

Tgt Ion:252 Resp: 44272

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

125 12.3 8.2 12.2#

