

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138295.D
 Acq On : 21 Jun 2024 20:06
 Operator : CG\JU
 Sample : P2977-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A6

Quant Time: Jun 21 23:02:27 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)

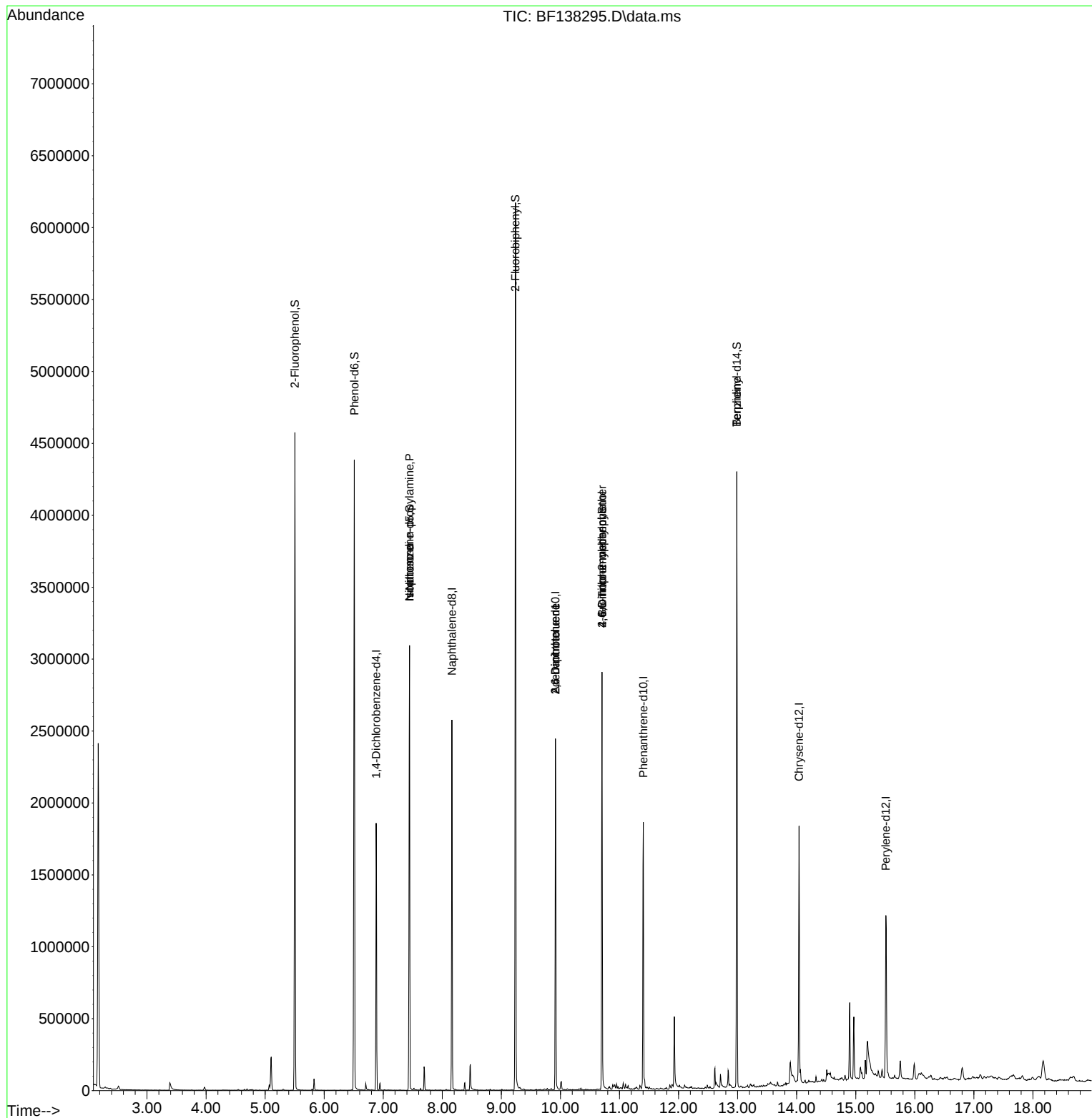
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	269452	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1000457	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	500858	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	673978	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	540638	20.000	ng	-0.01
86) Perylene-d12	15.510	264	542627	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1290175	80.097	ng	0.00
7) Phenol-d6	6.510	99	1575051	77.114	ng	-0.01
23) Nitrobenzene-d5	7.445	82	950161	55.290	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	348189	69.831	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1821520	57.830	ng	-0.01
79) Terphenyl-d14	12.986	244	1450089	42.481	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	125108	10.333	ng	# 76
25) Isophorone	7.445	82	948925	30.527	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	65346	9.815	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	65427	7.968	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	724	7.115	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	21663	2.852	ng	# 1
77) Benzidine	12.986	184	17467	2.793	ng	# 92

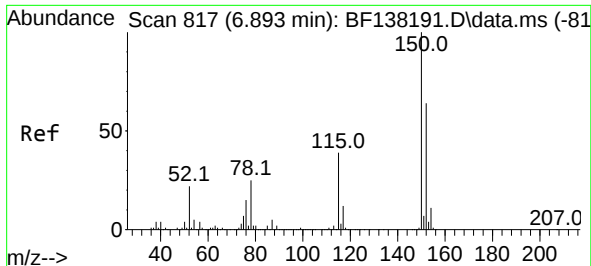
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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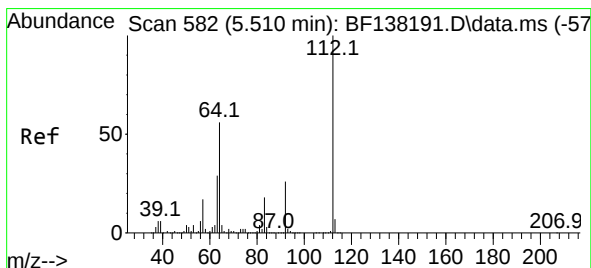
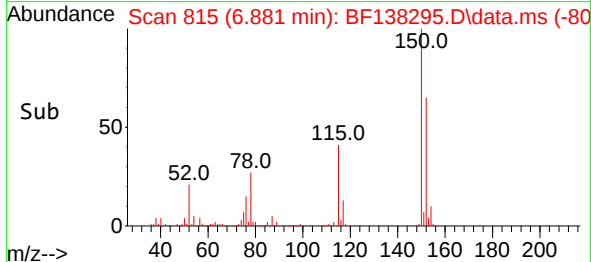
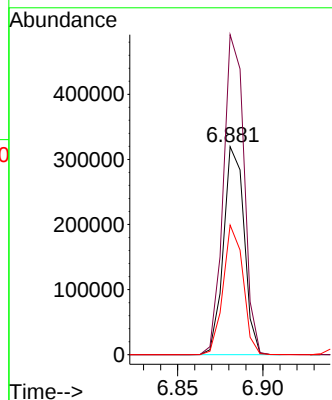
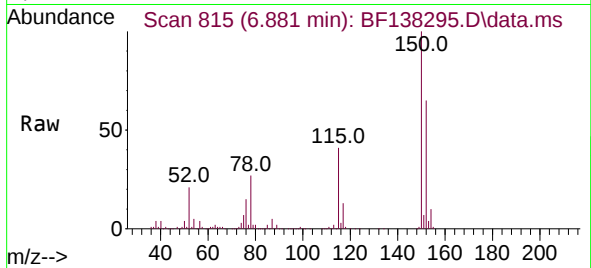




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

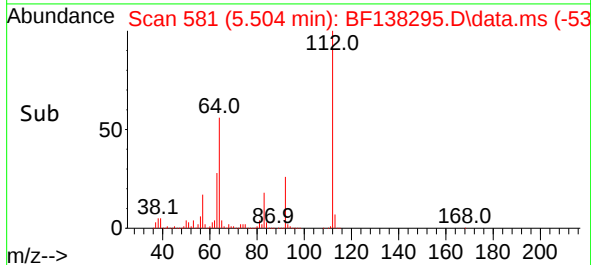
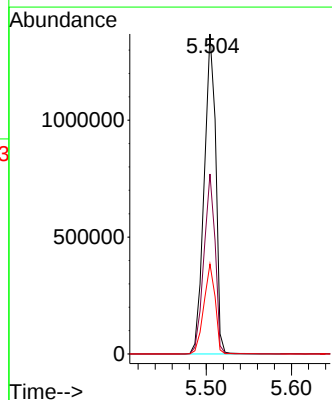
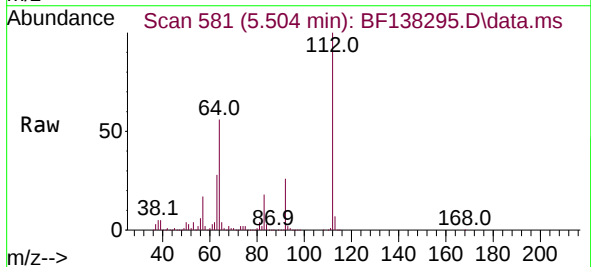
Instrument :
BNA_F
ClientSampleId :
OSTL-A6

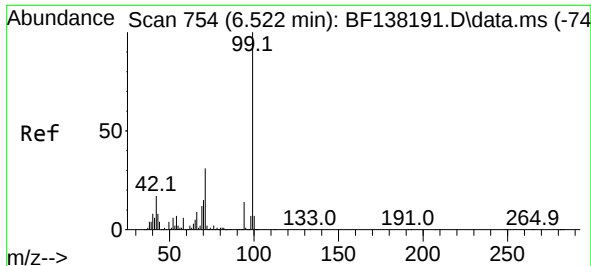
Tgt Ion:152 Resp: 269452
Ion Ratio Lower Upper
152 100
150 153.9 125.0 187.4
115 62.3 48.4 72.6



#5
2-Fluorophenol
Concen: 80.097 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Tgt Ion:112 Resp: 1290175
Ion Ratio Lower Upper
112 100
64 56.2 45.2 67.8
63 28.1 22.9 34.3

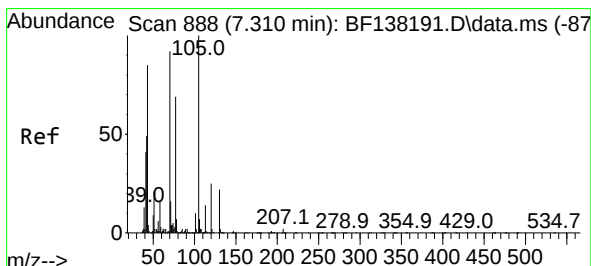
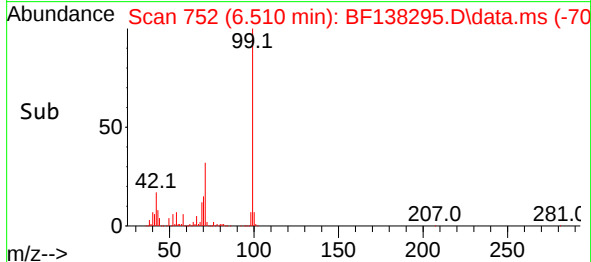
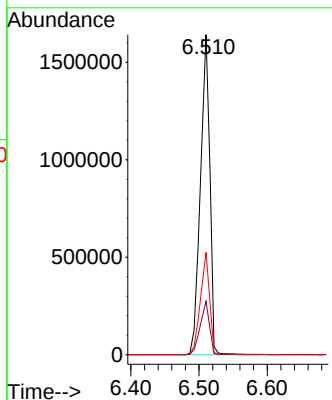
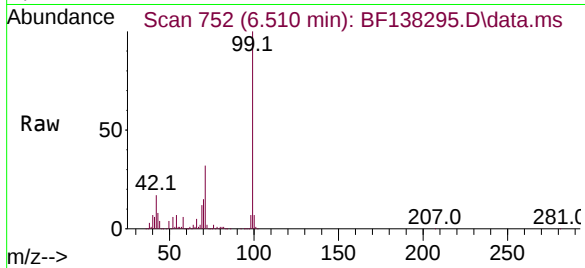




#7
Phenol-d6
Concen: 77.114 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

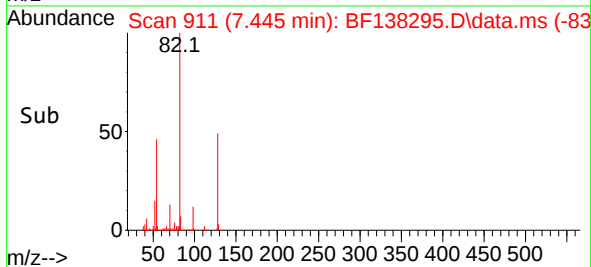
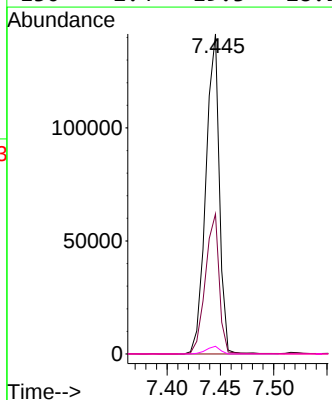
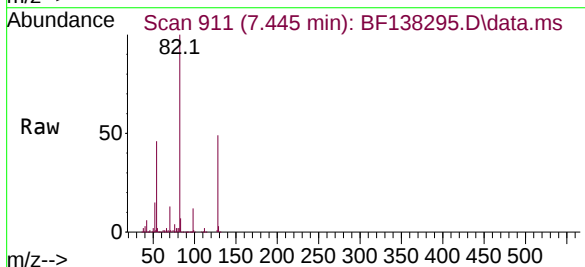
Instrument :
BNA_F
ClientSampleId :
OSTL-A6

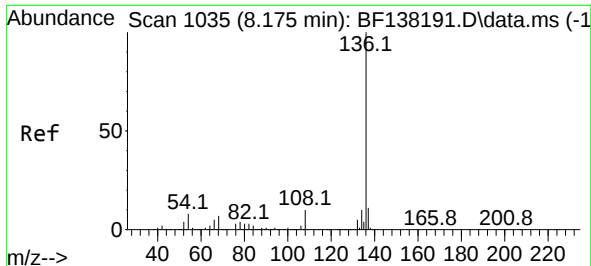
Tgt Ion: 99 Resp: 1575051
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 32.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.333 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Tgt Ion: 70 Resp: 125108
Ion Ratio Lower Upper
70 100
42 43.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 19.3 28.9#



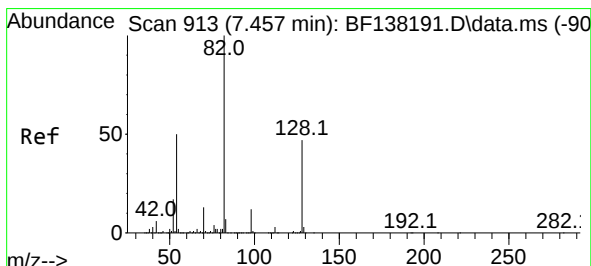
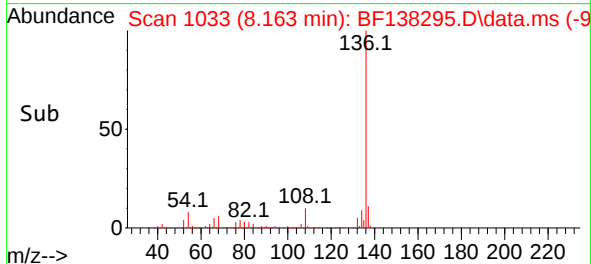
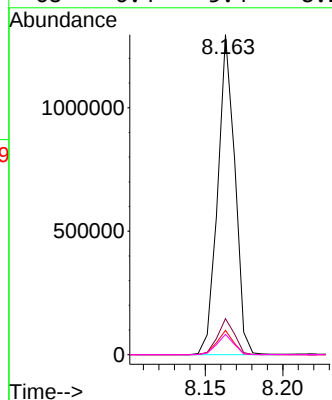
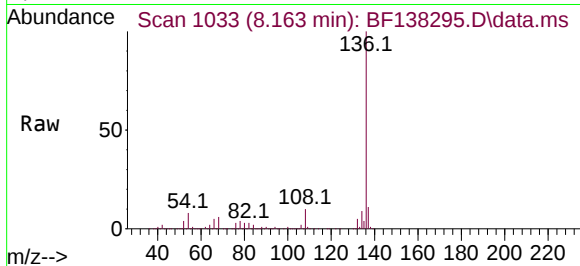


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Instrument :
BNA_F
ClientSampleId :
OSTL-A6

Tgt Ion:136 Resp: 1000457

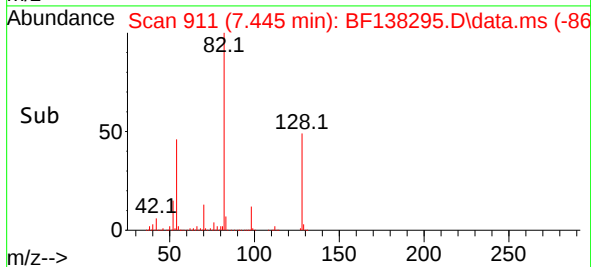
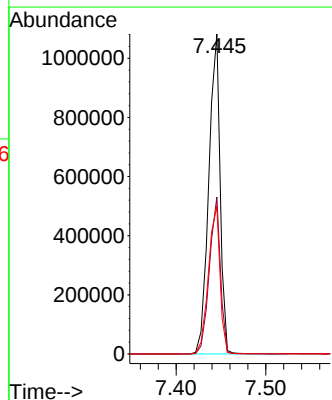
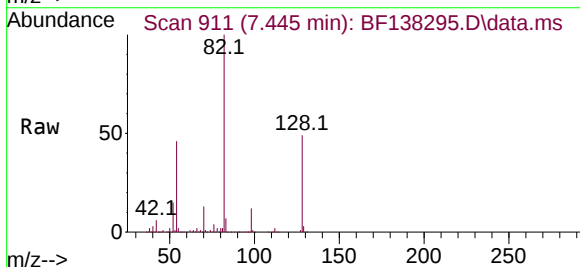
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.4	8.2

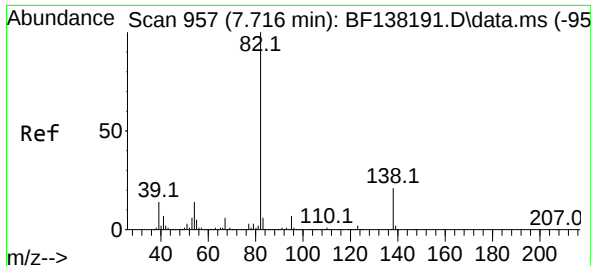


#23
Nitrobenzene-d5
Concen: 55.290 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Tgt Ion: 82 Resp: 950161

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.2	55.8
54	46.1	39.8	59.6

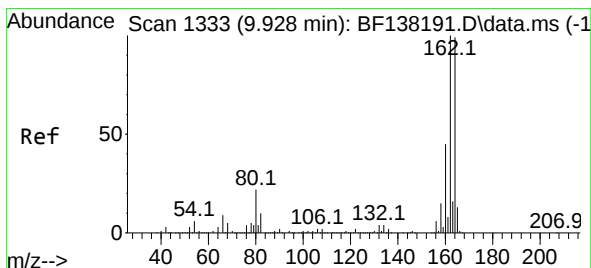
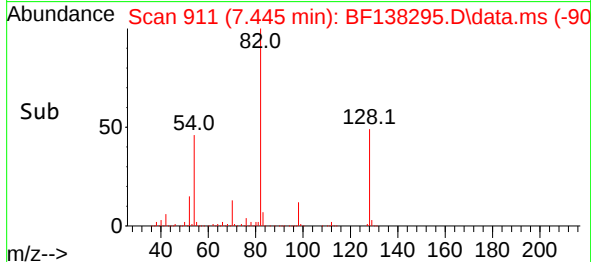
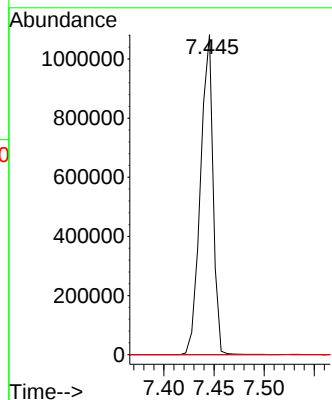
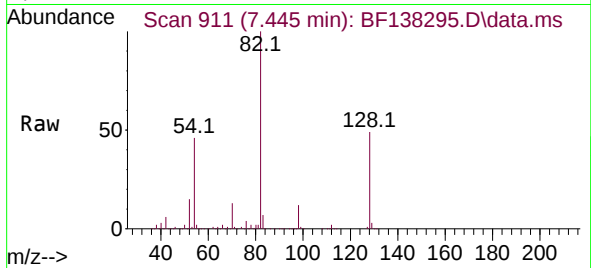




#25
Isophorone
Concen: 30.527 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

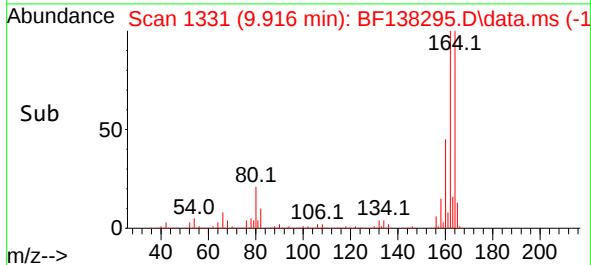
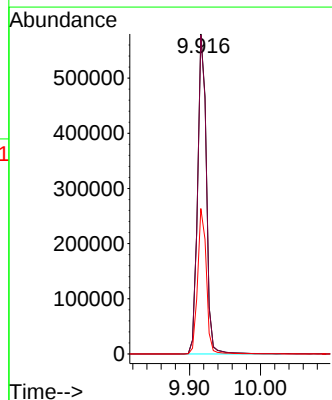
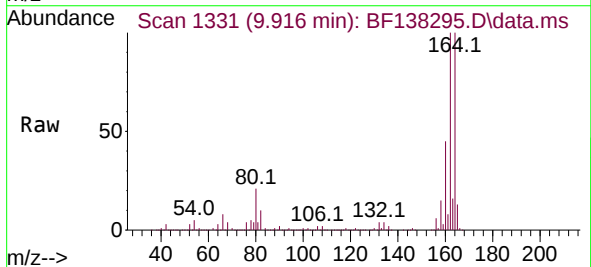
Instrument :
BNA_F
ClientSampleId :
OSTL-A6

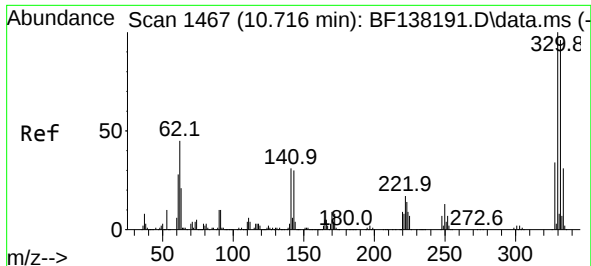
Tgt Ion: 82 Resp: 948925
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Tgt Ion:164 Resp: 500858
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 45.5 36.3 54.5

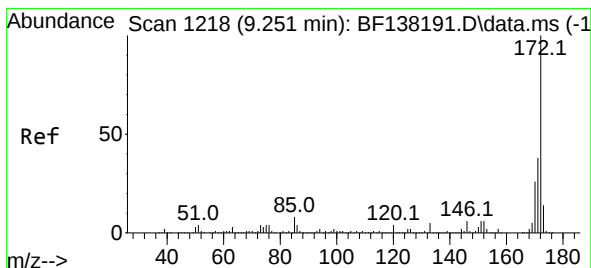
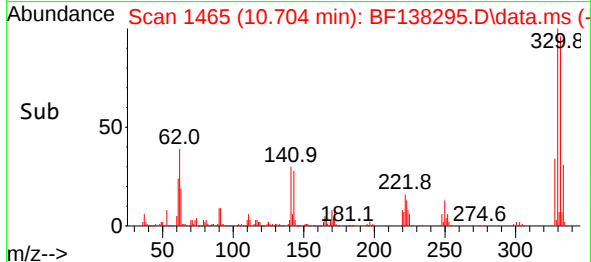
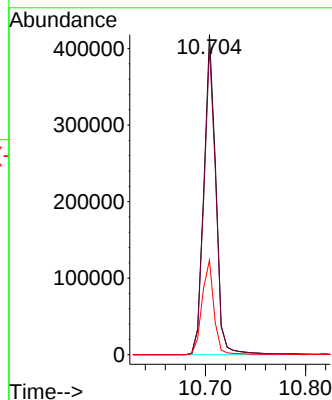
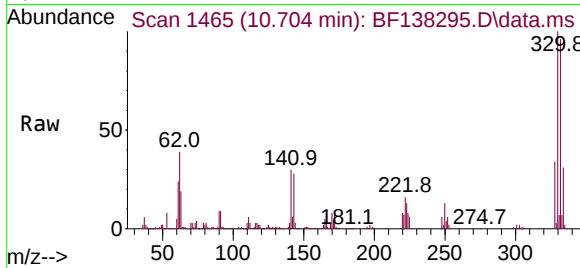




#42
 2,4,6-Tribromophenol
 Concen: 69.831 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.012 min
 Lab File: BF138295.D
 Acq: 21 Jun 2024 20:06

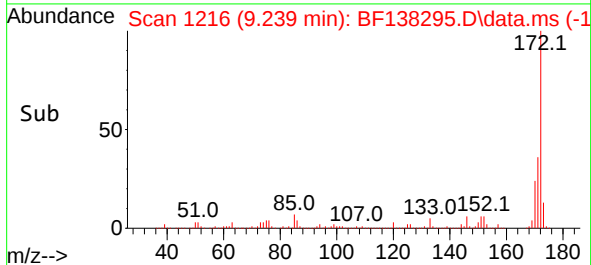
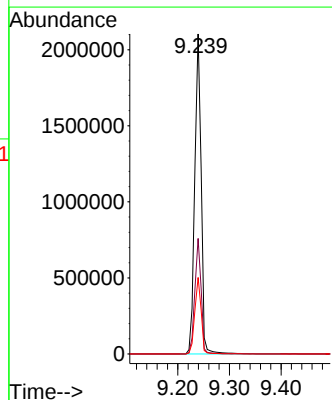
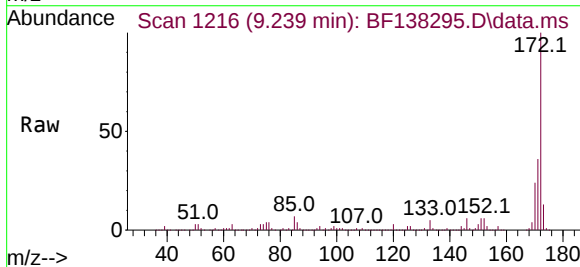
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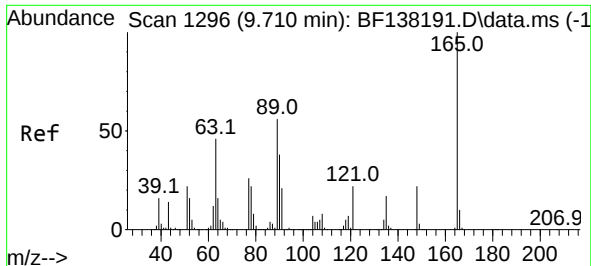
Tgt Ion:330 Resp: 348189
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 29.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 57.830 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. -0.012 min
 Lab File: BF138295.D
 Acq: 21 Jun 2024 20:06

Tgt Ion:172 Resp: 1821520
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.3 45.5
 170 23.9 20.6 30.8

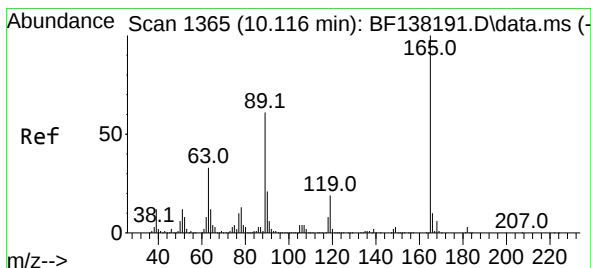
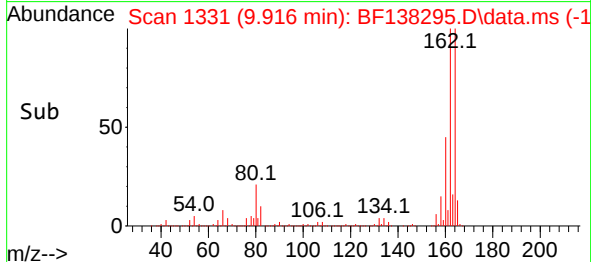
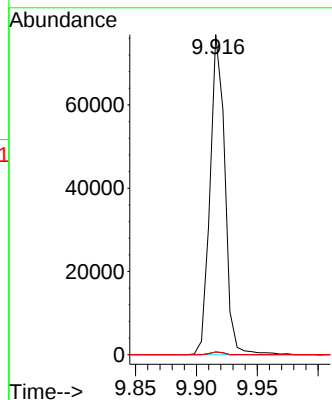
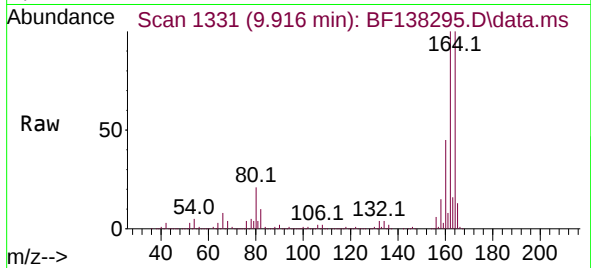




#51
2,6-Dinitrotoluene
Concen: 9.815 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

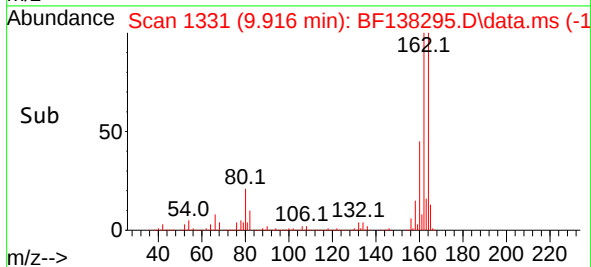
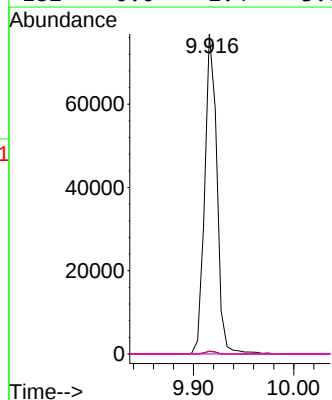
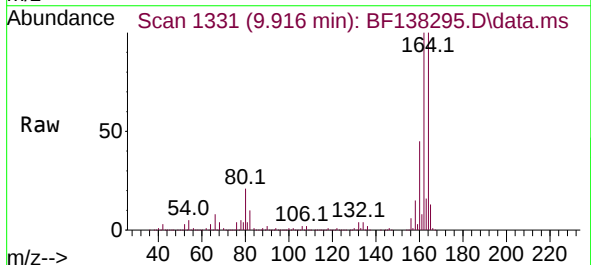
Instrument :
BNA_F
ClientSampleId :
OSTL-A6

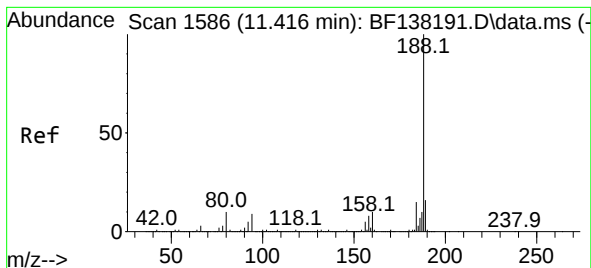
Tgt Ion:165 Resp: 65346
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 0.8 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.968 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Tgt Ion:165 Resp: 65427
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 0.8 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: BF138295.D

Acq: 21 Jun 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OSTL-A6

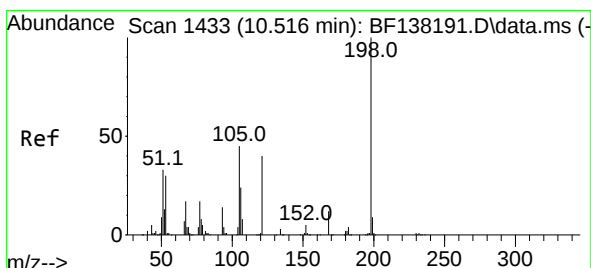
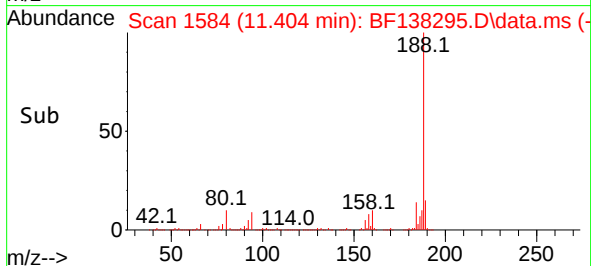
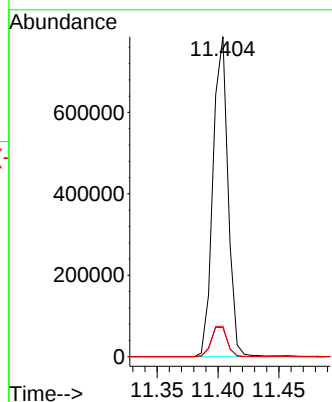
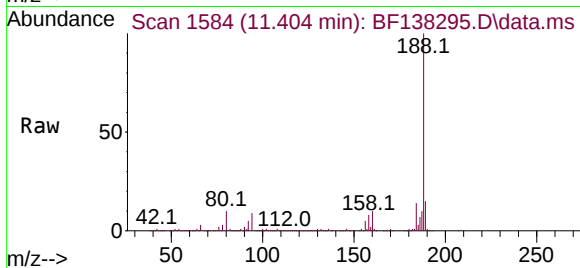
Tgt Ion:188 Resp: 673978

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.5 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.115 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138295.D

Acq: 21 Jun 2024 20:06

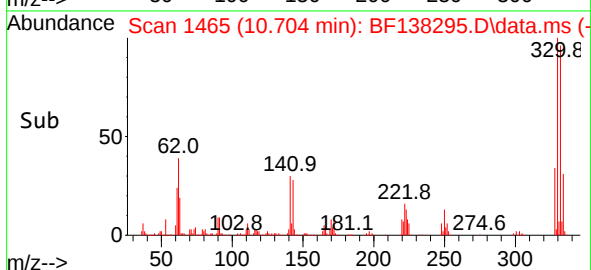
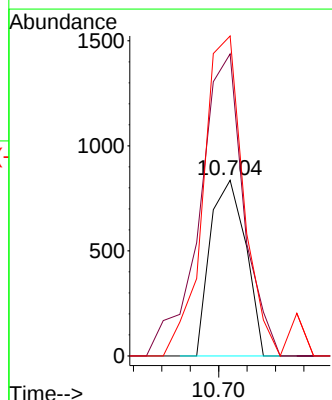
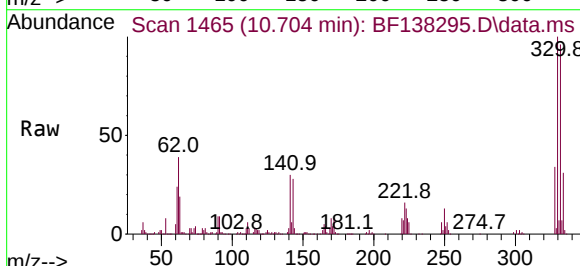
Tgt Ion:198 Resp: 724

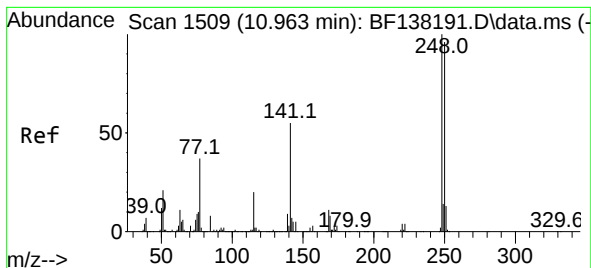
Ion Ratio Lower Upper

198 100

51 172.0 26.9 66.9#

105 182.2 26.0 66.0#

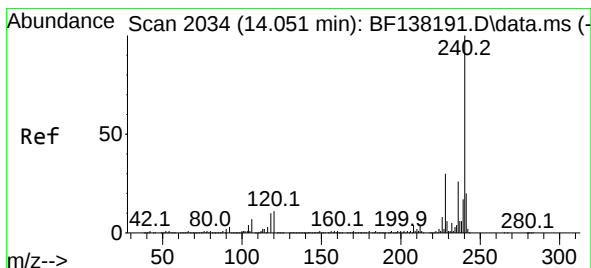
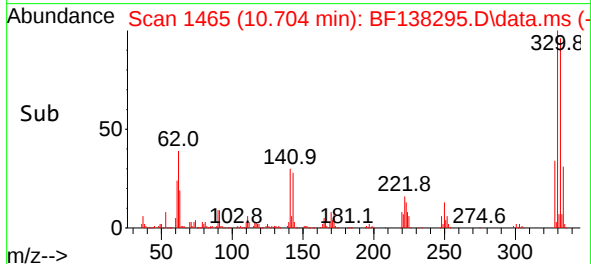
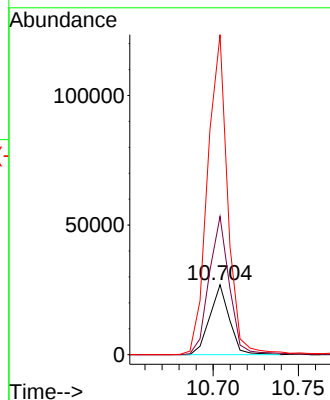
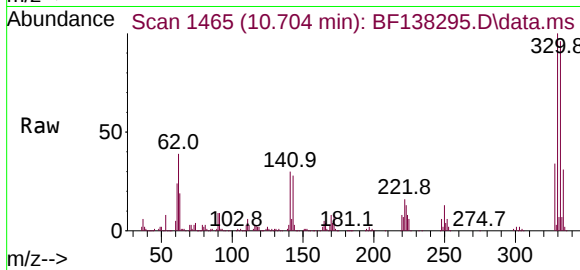




#67
4-Bromophenyl-phenylether
Concen: 2.852 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

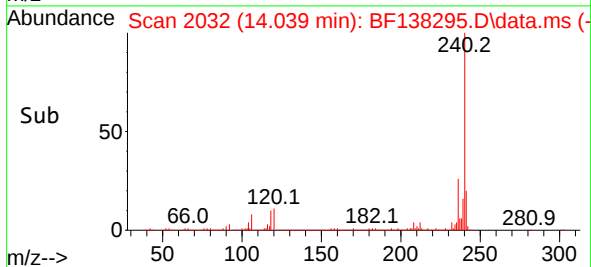
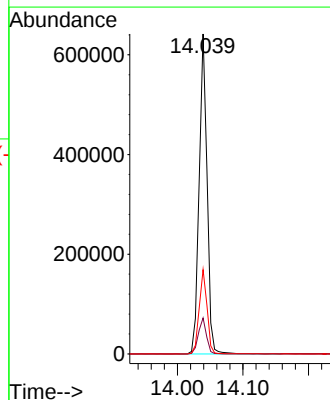
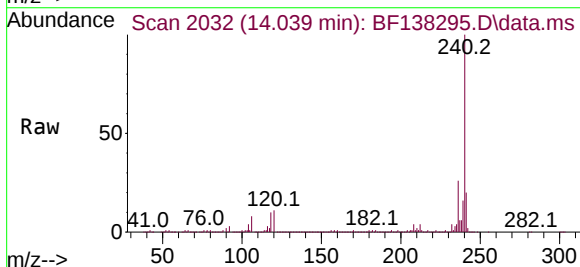
Instrument :
BNA_F
ClientSampleId :
OSTL-A6

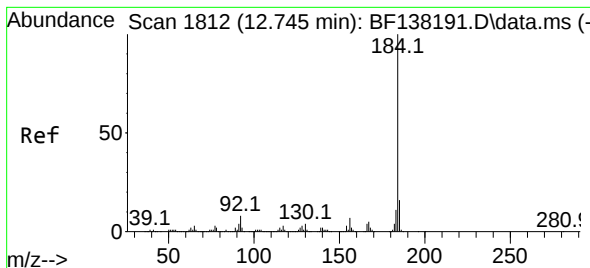
Tgt Ion:248 Resp: 21663
Ion Ratio Lower Upper
248 100
250 197.7 77.2 115.8#
141 457.7 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Tgt Ion:240 Resp: 540638
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 26.3 21.0 31.6





#77

Benzidine

Concen: 2.793 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138295.D

Acq: 21 Jun 2024 20:06

Instrument :

BNA_F

ClientSampleId :

OSTL-A6

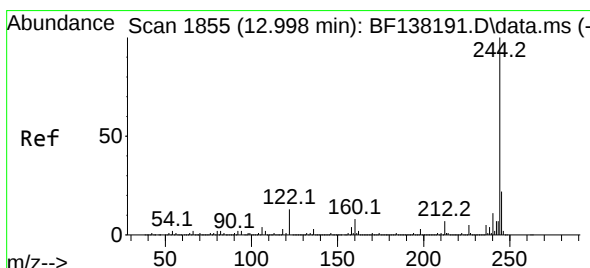
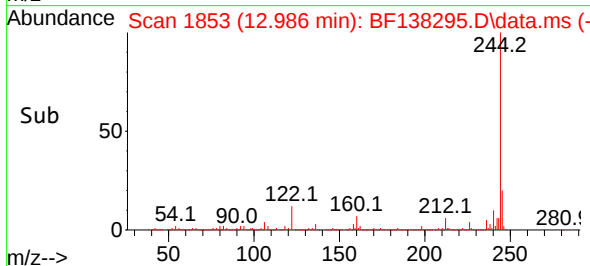
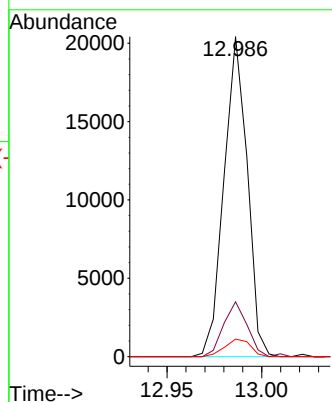
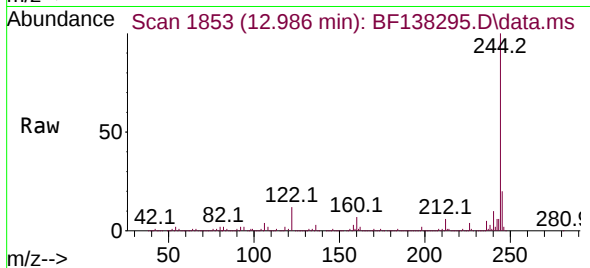
Tgt Ion:184 Resp: 17467

Ion Ratio Lower Upper

184 100

185 17.1 12.6 19.0

183 5.5 9.0 13.6#



#79

Terphenyl-d14

Concen: 42.481 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138295.D

Acq: 21 Jun 2024 20:06

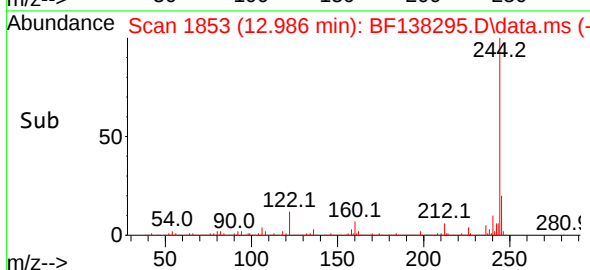
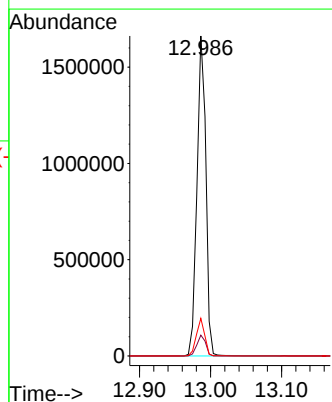
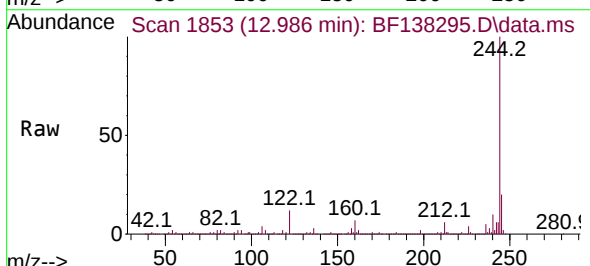
Tgt Ion:244 Resp: 1450089

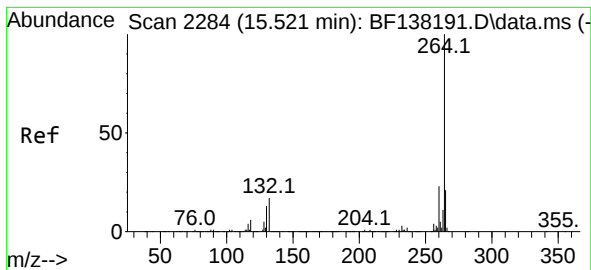
Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

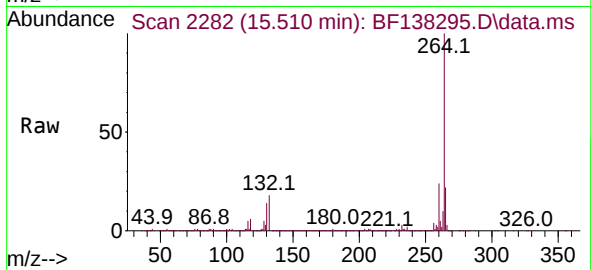
122 11.7 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138295.D
Acq: 21 Jun 2024 20:06

Instrument :
BNA_F
ClientSampleId :
OSTL-A6



Tgt Ion:264 Resp: 542627
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.0 17.0 25.6

