

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138287.D
 Acq On : 21 Jun 2024 15:59
 Operator : CG\JU
 Sample : P2977-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B2

Quant Time: Jun 21 16:24:02 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)

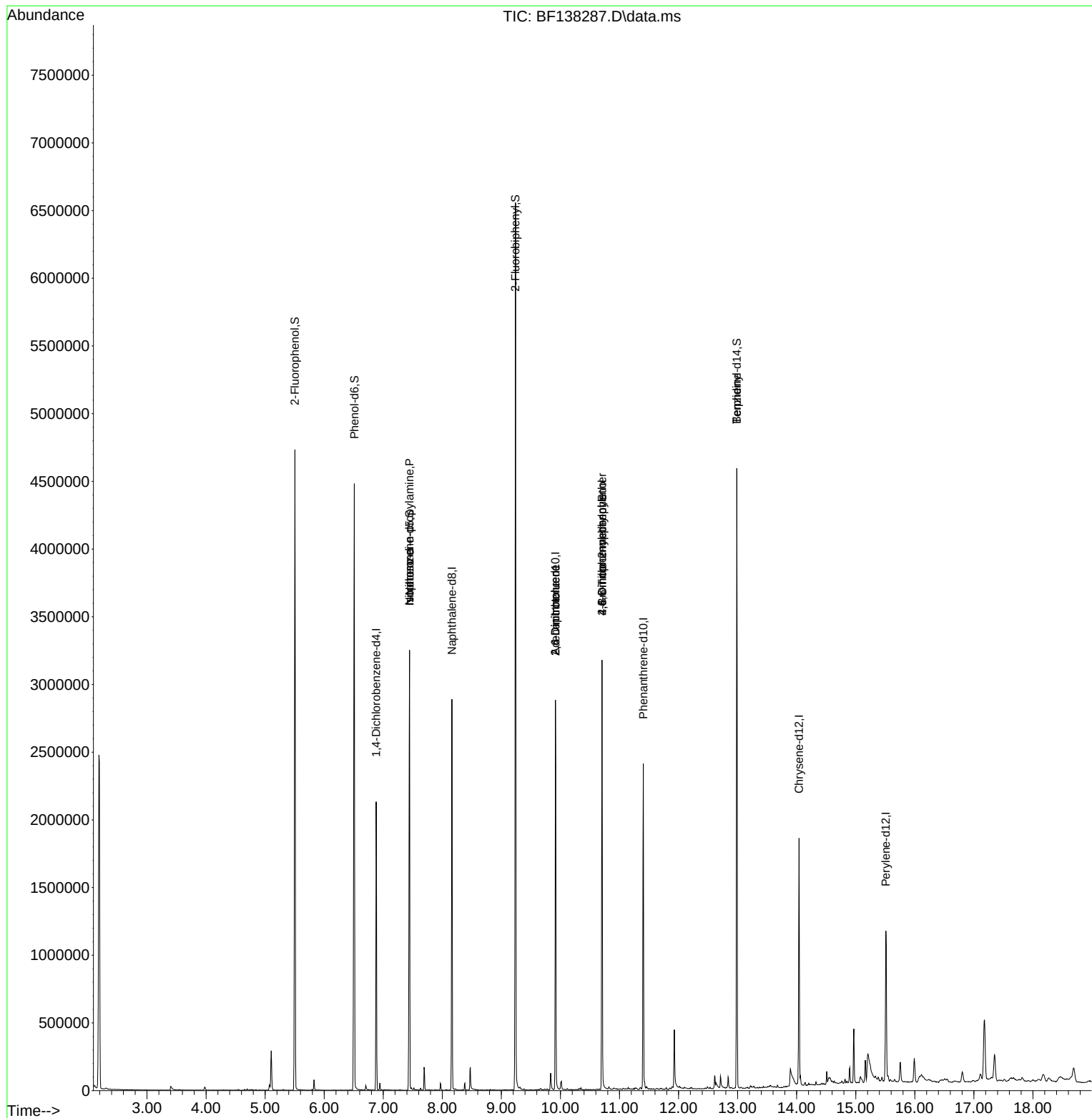
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	300830	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1156385	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	598491	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	824446	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	554694	20.000	ng	-0.01
86) Perylene-d12	15.509	264	531474	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1360156	75.634	ng	0.00
7) Phenol-d6	6.510	99	1638498	71.853	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1006028	50.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	380676	63.892	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1932185	51.337	ng	-0.01
79) Terphenyl-d14	12.986	244	1515573	43.275	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	132688	9.816	ng	# 77
25) Isophorone	7.445	82	1003290	27.924	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	78293	9.842	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	78421	7.992	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	807	7.099	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	24006	2.584	ng	# 1
77) Benzidine	12.986	184	18638	2.905	ng	# 91

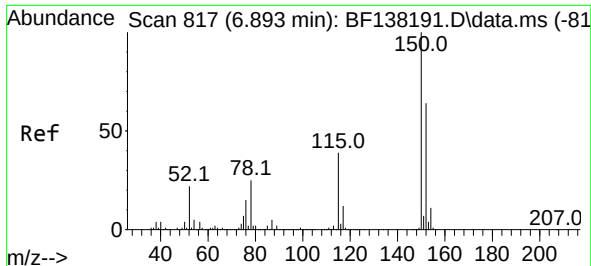
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 13 01:52:47 2024
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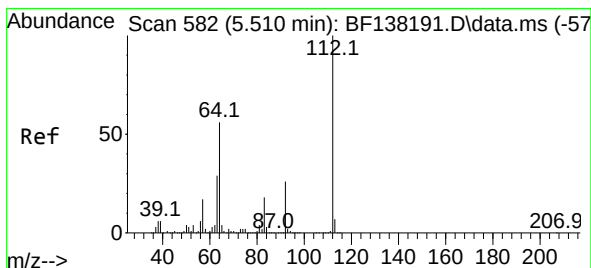
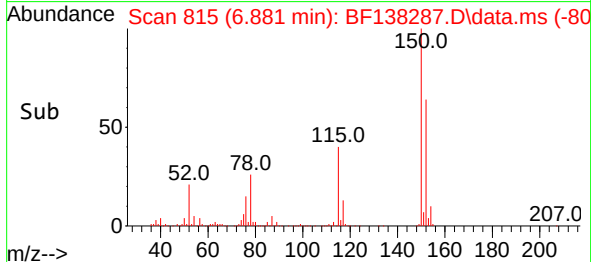
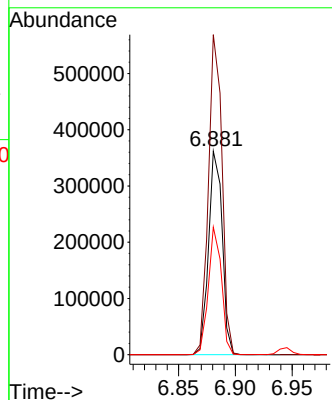
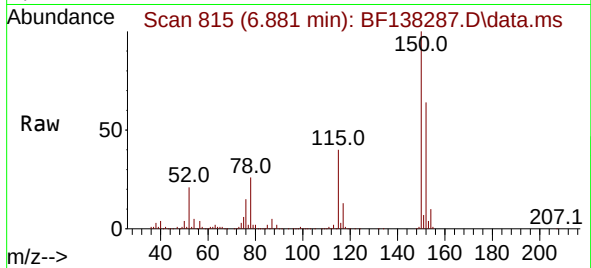




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

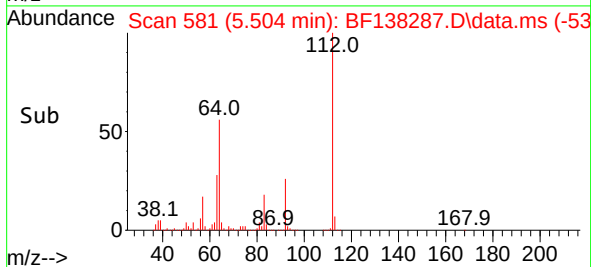
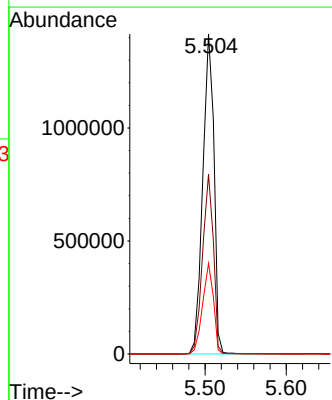
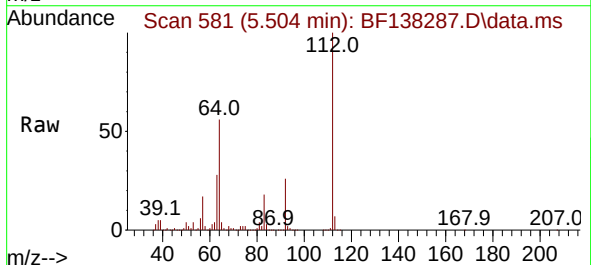
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

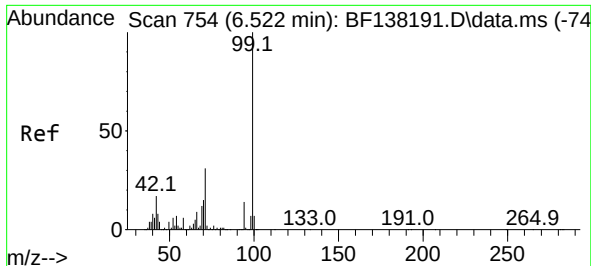
Tgt Ion:152 Resp: 300830
Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.4
115 62.6 48.4 72.6



#5
2-Fluorophenol
Concen: 75.634 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion:112 Resp: 1360156
Ion Ratio Lower Upper
112 100
64 56.1 45.2 67.8
63 28.3 22.9 34.3

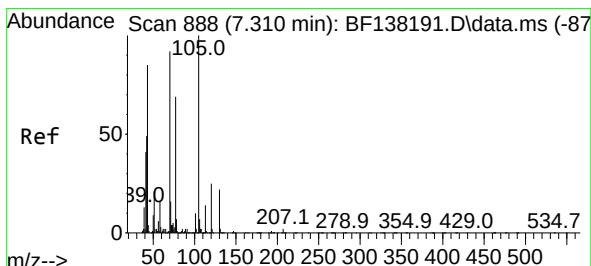
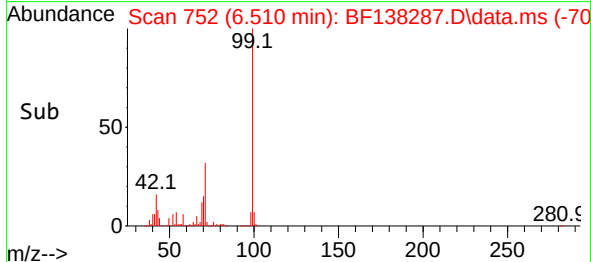
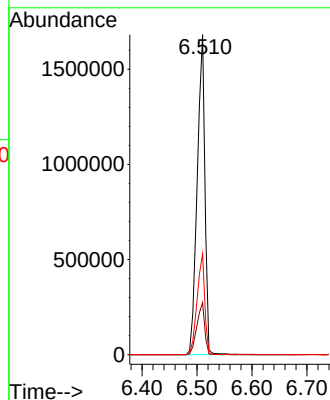
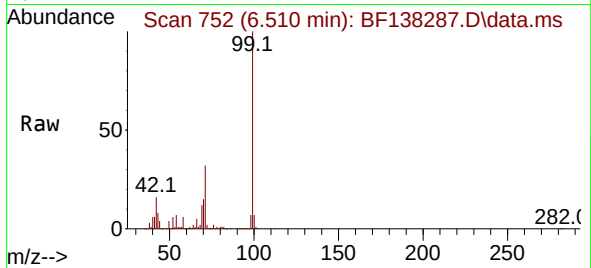




#7
Phenol-d6
Concen: 71.853 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

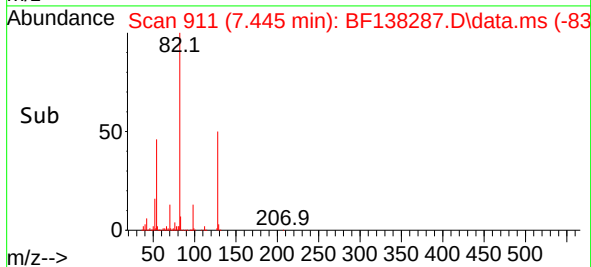
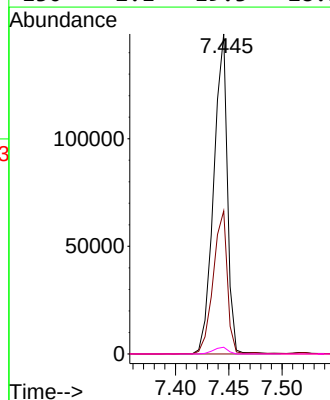
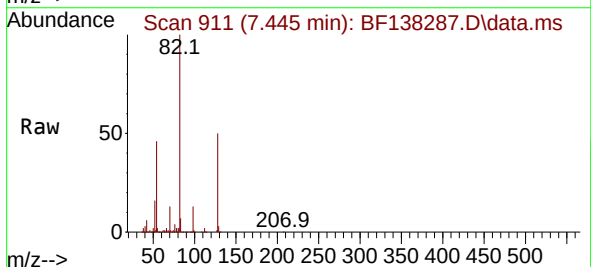
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

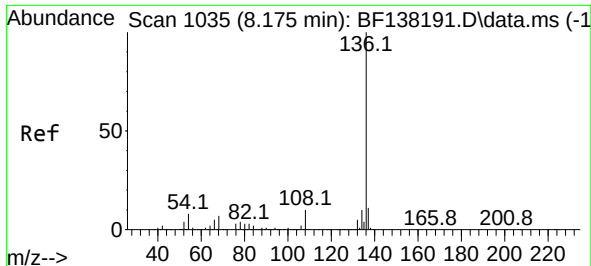
Tgt Ion: 99 Resp: 1638498
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 31.6 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.816 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion: 70 Resp: 132688
Ion Ratio Lower Upper
70 100
42 44.7 42.8 64.2
101 0.0 8.4 12.6#
130 2.1 19.3 28.9#

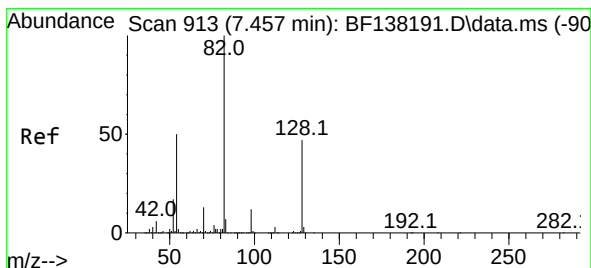
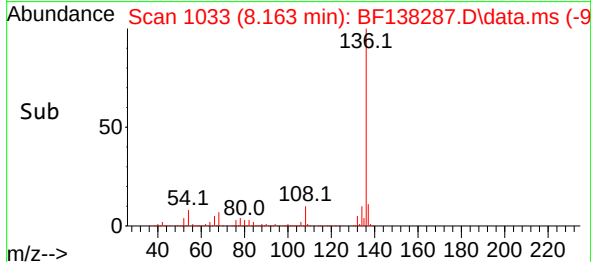
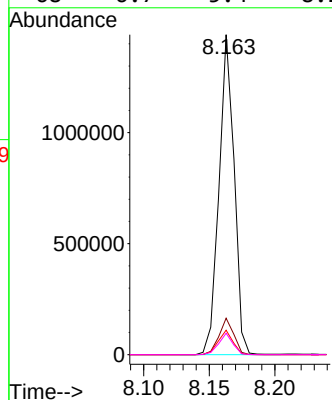
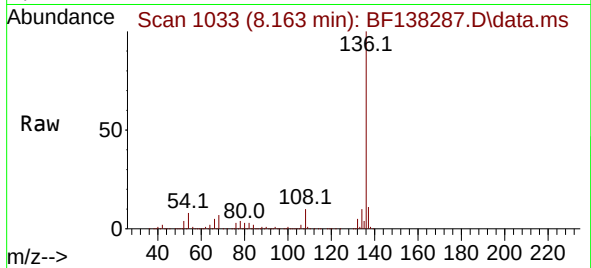




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

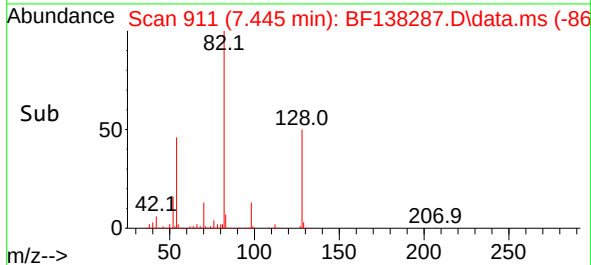
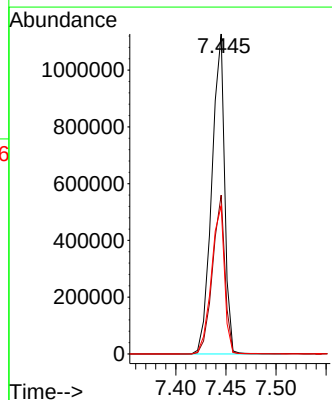
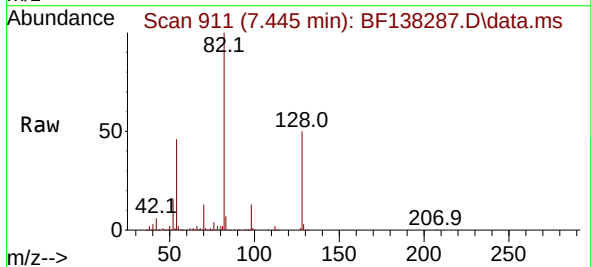
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

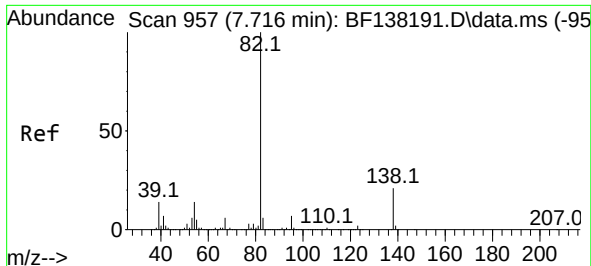
Tgt Ion:136 Resp: 1156385
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.7 6.6 10.0
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 50.647 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion: 82 Resp: 1006028
Ion Ratio Lower Upper
82 100
128 49.7 37.2 55.8
54 46.3 39.8 59.6

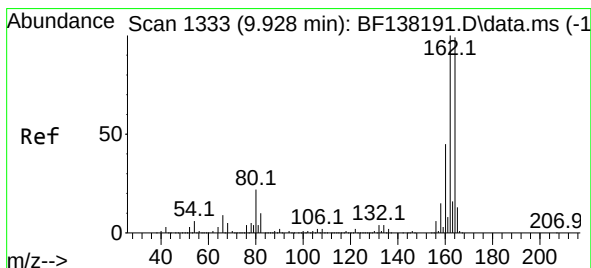
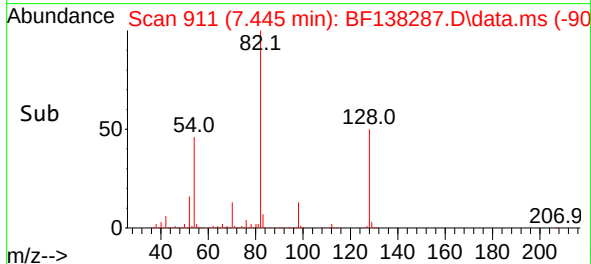
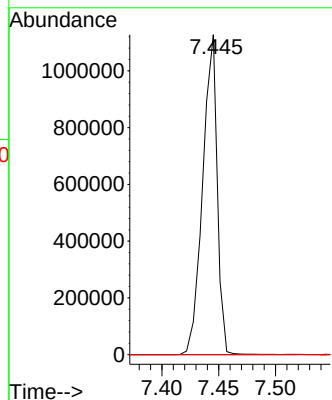
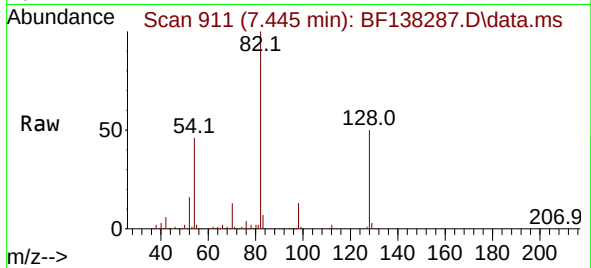




#25
Isophorone
Concen: 27.924 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

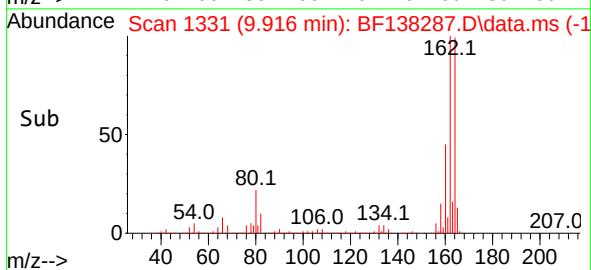
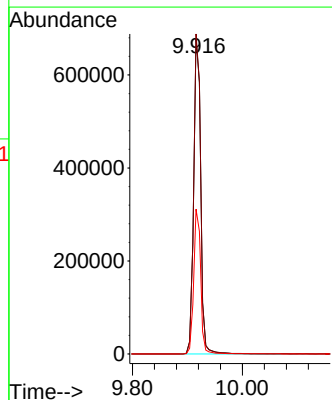
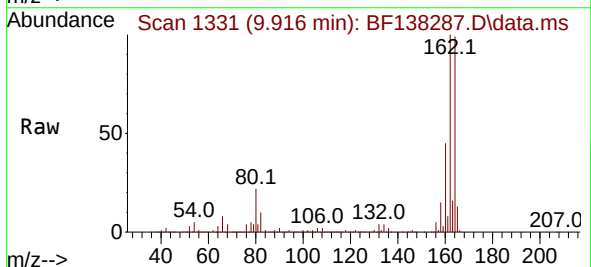
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

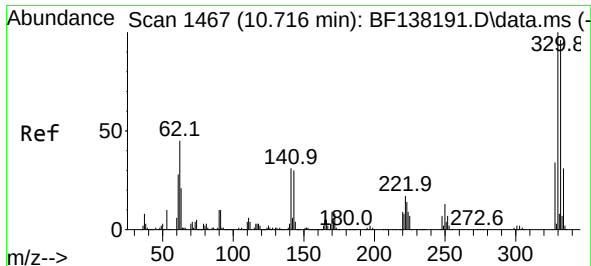
Tgt Ion: 82 Resp: 1003290
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion:164 Resp: 598491
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 45.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 63.892 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

OSTL-B2

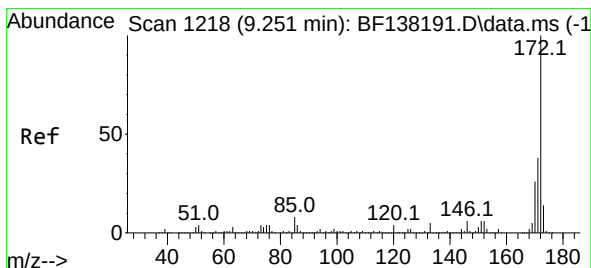
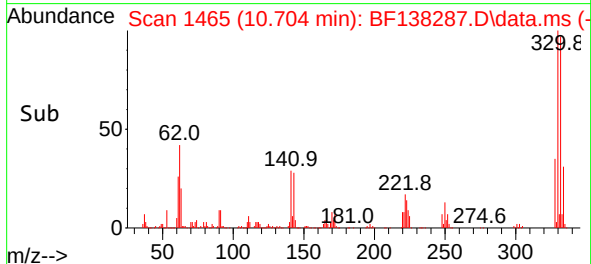
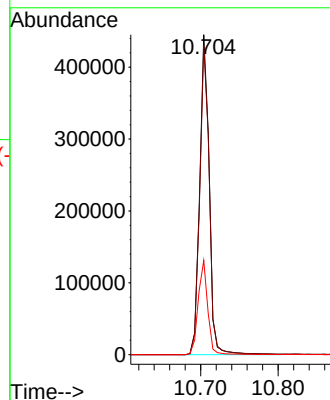
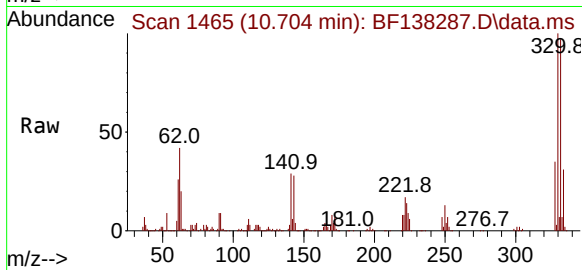
Tgt Ion:330 Resp: 380676

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

141 29.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 51.337 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

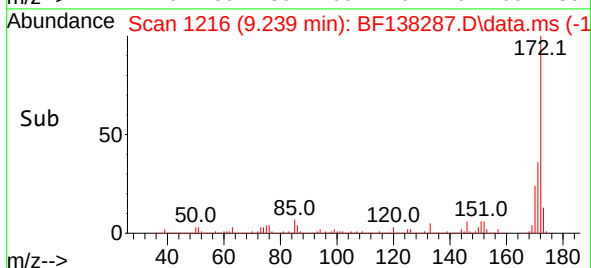
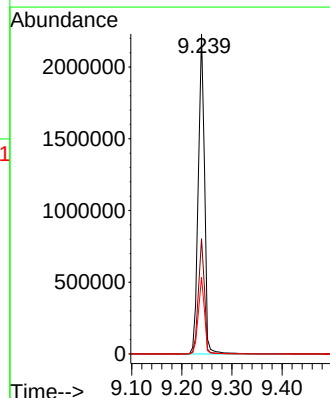
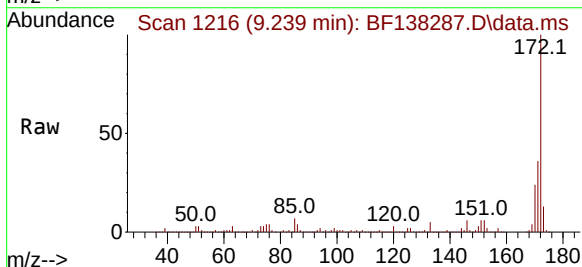
Tgt Ion:172 Resp: 1932185

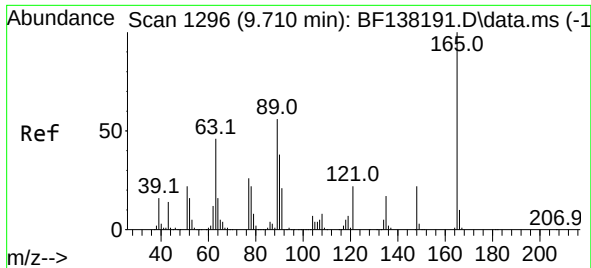
Ion Ratio Lower Upper

172 100

171 36.0 30.3 45.5

170 24.0 20.6 30.8

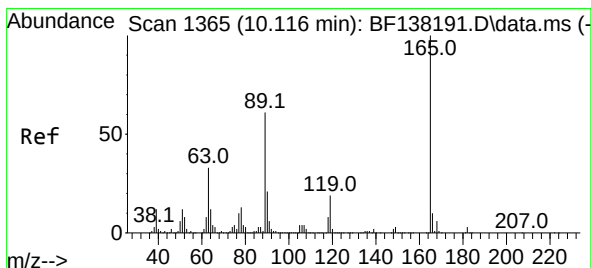
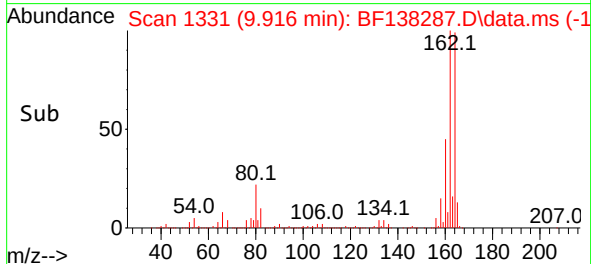
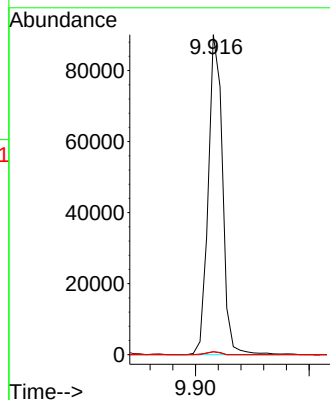
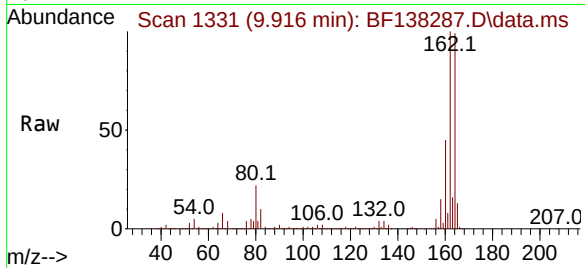




#51
2,6-Dinitrotoluene
Concen: 9.842 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

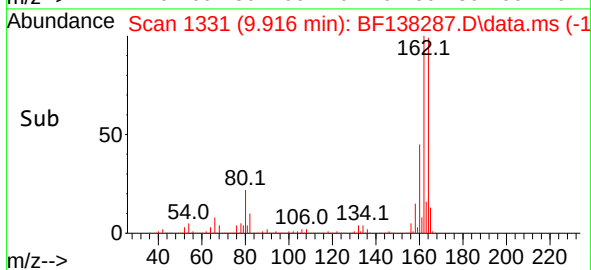
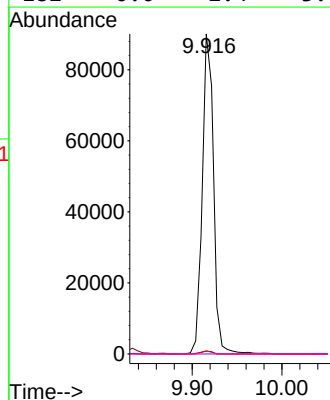
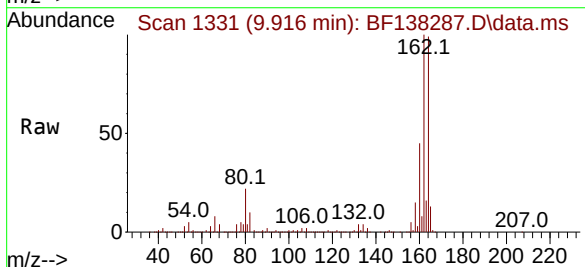
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

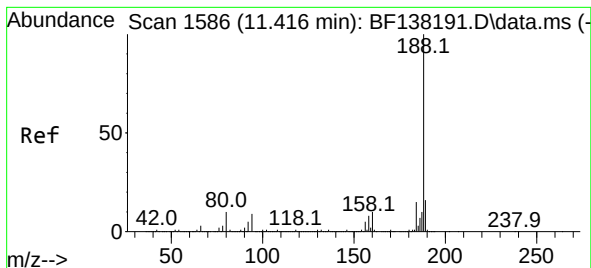
Tgt Ion:165 Resp: 78293
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.992 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion:165 Resp: 78421
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: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

OSTL-B2

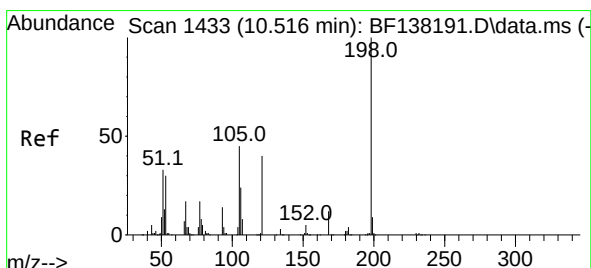
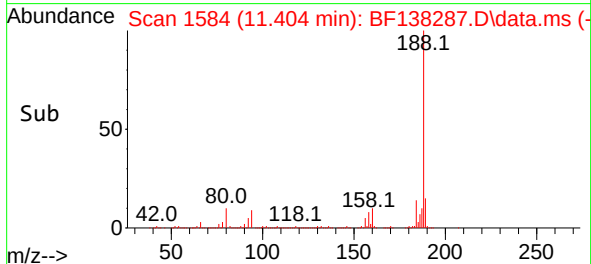
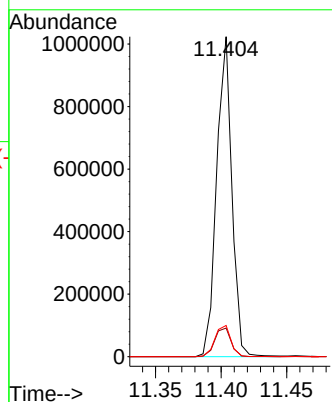
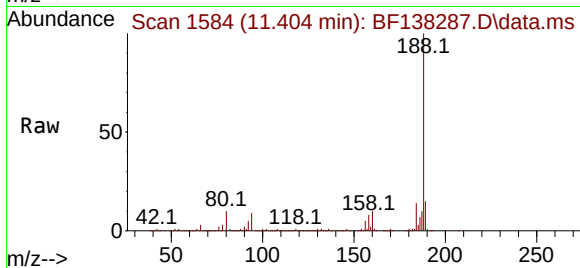
Tgt Ion:188 Resp: 824446

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.099 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

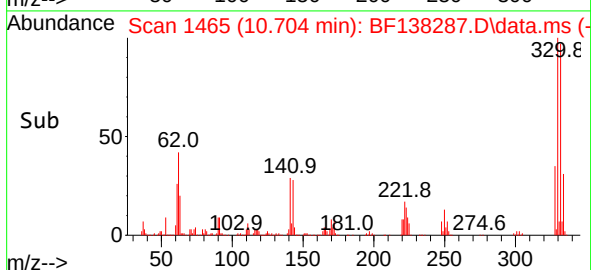
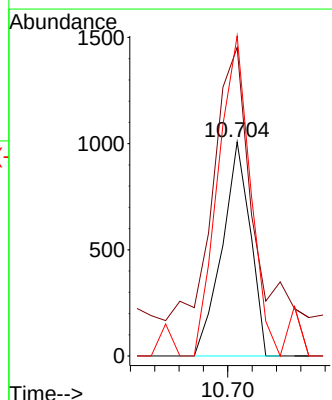
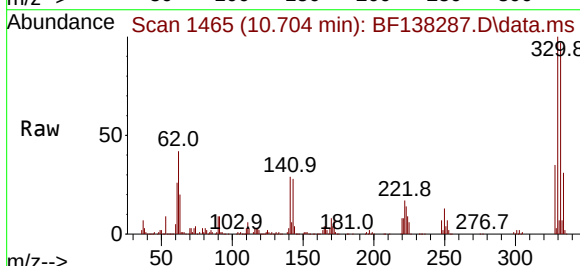
Tgt Ion:198 Resp: 807

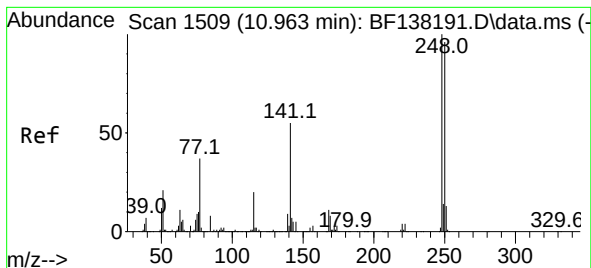
Ion Ratio Lower Upper

198 100

51 144.1 26.9 66.9#

105 149.5 26.0 66.0#

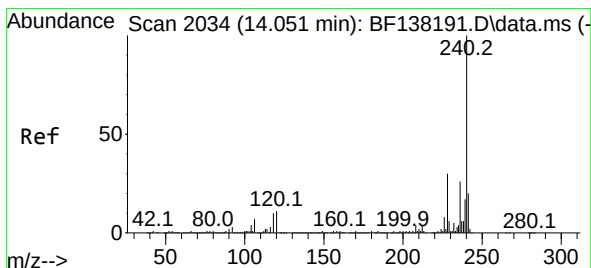
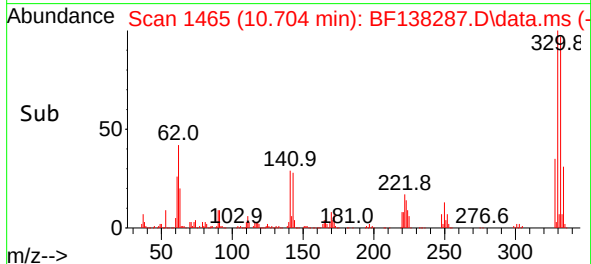
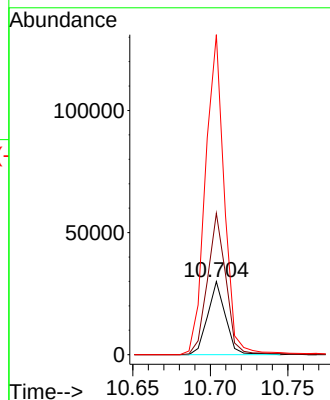
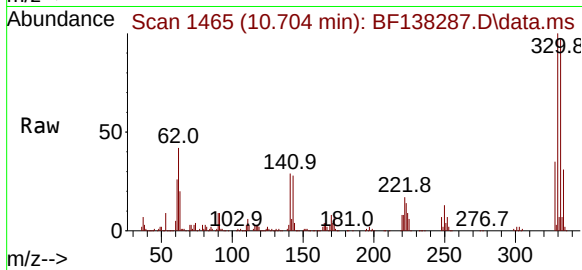




#67
4-Bromophenyl-phenylether
Concen: 2.584 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

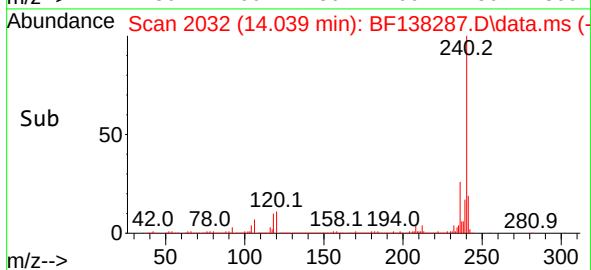
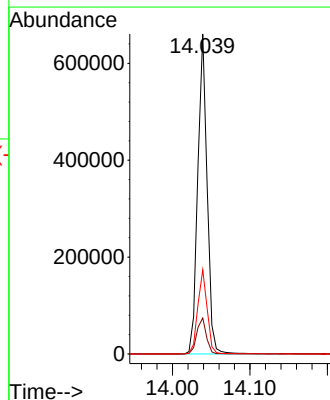
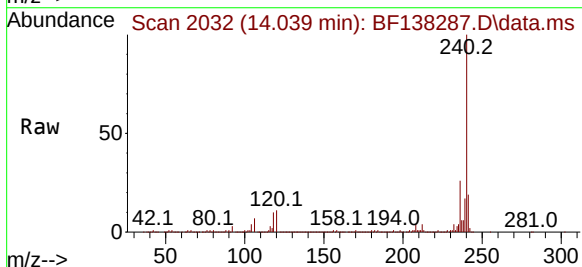
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

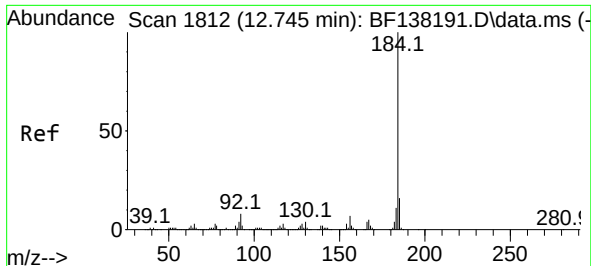
Tgt Ion:248 Resp: 24006
Ion Ratio Lower Upper
248 100
250 193.4 77.2 115.8#
141 437.8 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion:240 Resp: 554694
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 26.3 21.0 31.6

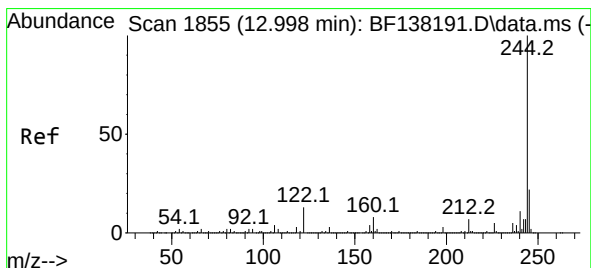
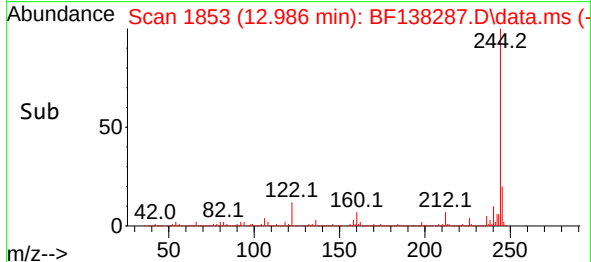
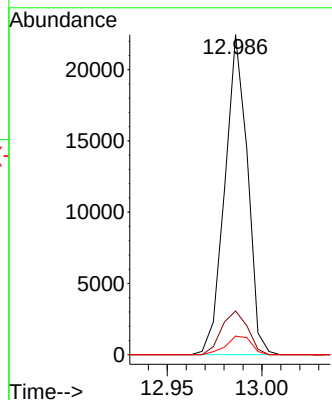
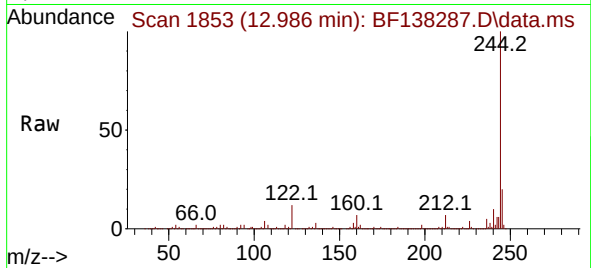




#77
Benzidine
Concen: 2.905 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.241 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

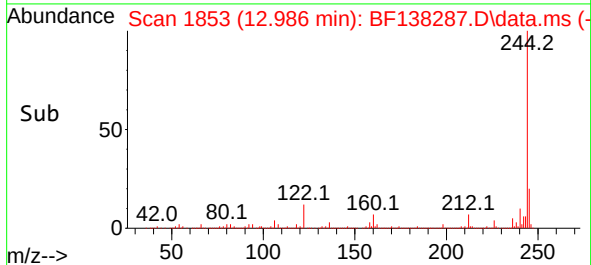
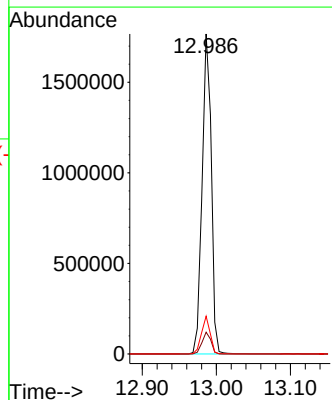
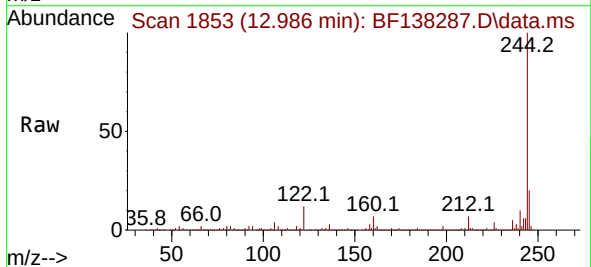
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

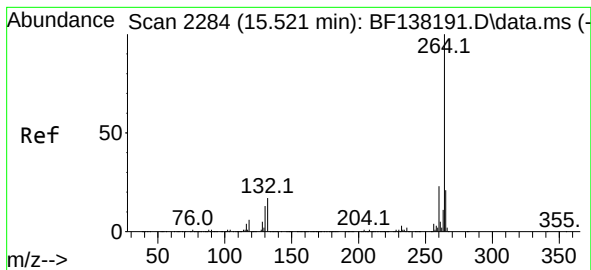
Tgt Ion:184 Resp: 18638
Ion Ratio Lower Upper
184 100
185 13.7 12.6 19.0
183 5.8 9.0 13.6#



#79
Terphenyl-d14
Concen: 43.275 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

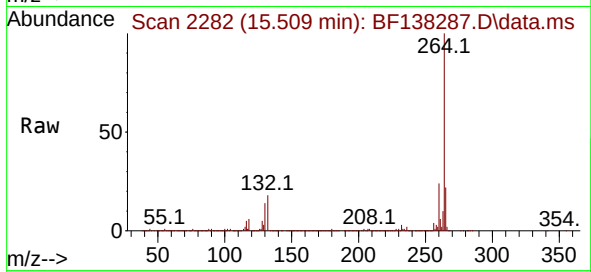
Tgt Ion:244 Resp: 1515573
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.8 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Instrument :
BNA_F
ClientSampleId :
OSTL-B2



Tgt Ion:264 Resp: 531474
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.9 17.0 25.6

