

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138285.D
 Acq On : 21 Jun 2024 14:57
 Operator : CG\JU
 Sample : P2977-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A4

Quant Time: Jun 21 15:20:07 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)

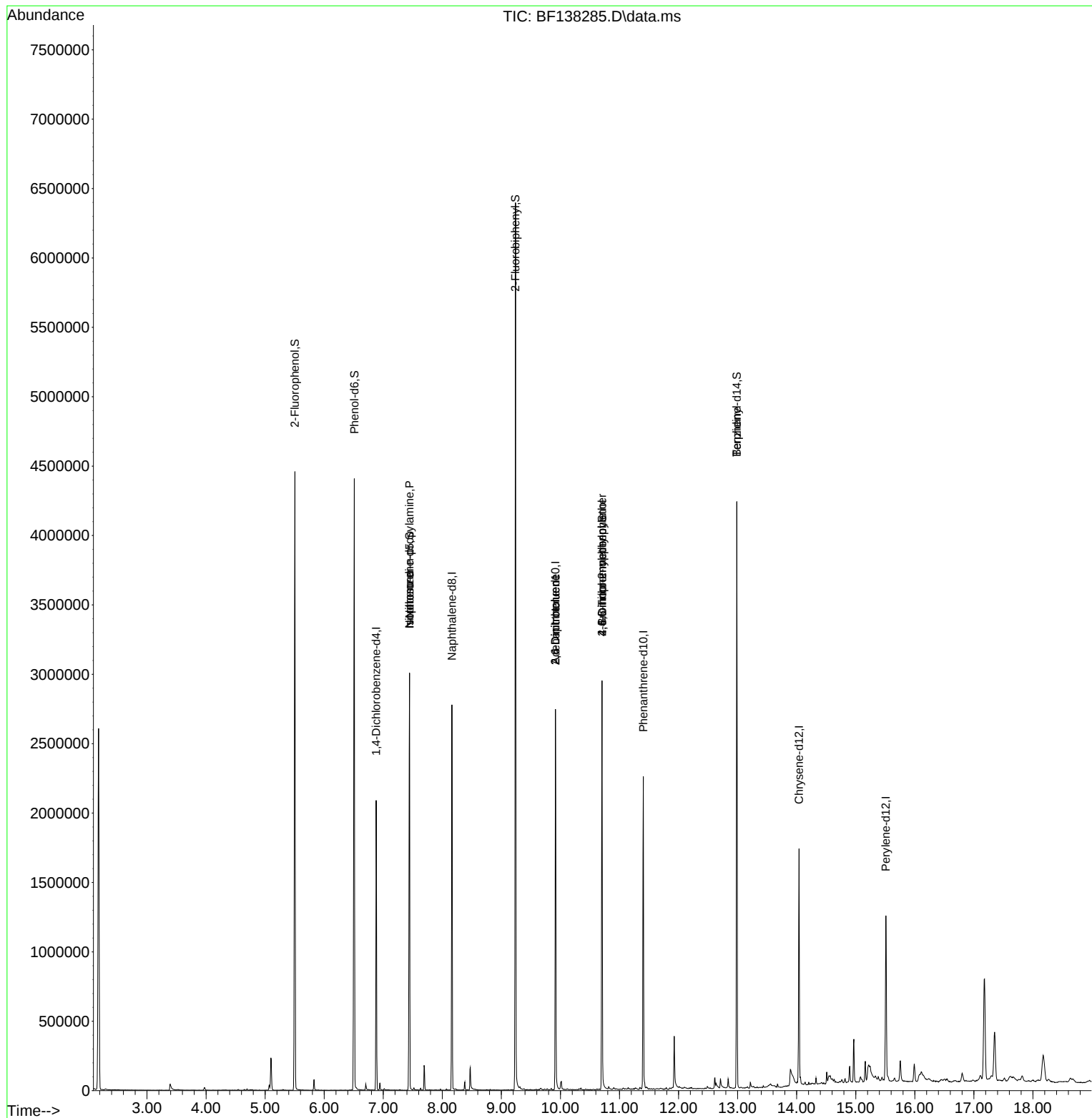
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	291323	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1119729	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	576787	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	792021	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	527622	20.000	ng	-0.01
86) Perylene-d12	15.510	264	540425	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1263215	72.536	ng	0.00
7) Phenol-d6	6.510	99	1545292	69.977	ng	-0.01
23) Nitrobenzene-d5	7.445	82	940655	48.906	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	352411	61.374	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1842640	50.800	ng	-0.01
79) Terphenyl-d14	12.986	244	1372677	41.205	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	124325	9.498	ng	# 77
25) Isophorone	7.445	82	938535	26.977	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	73320	9.563	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	73403	7.762	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	677	7.078	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	22525	2.524	ng	# 1
77) Benzidine	12.986	184	17174	2.814	ng	# 94

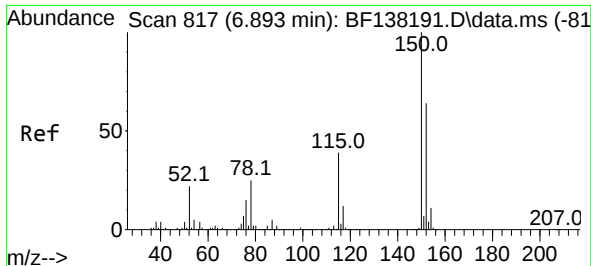
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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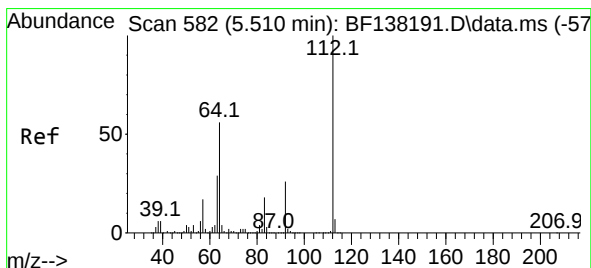
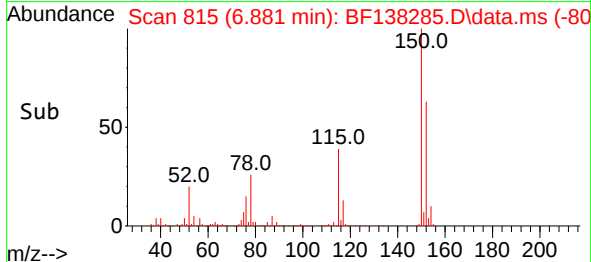
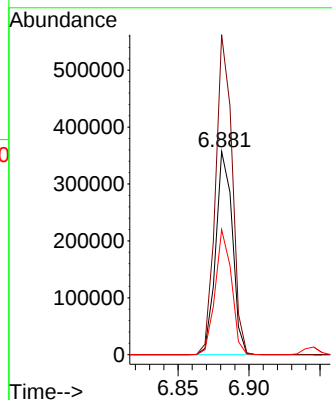
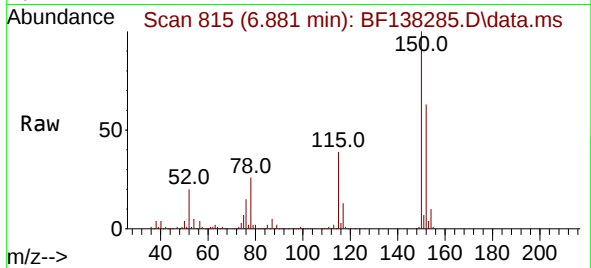




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

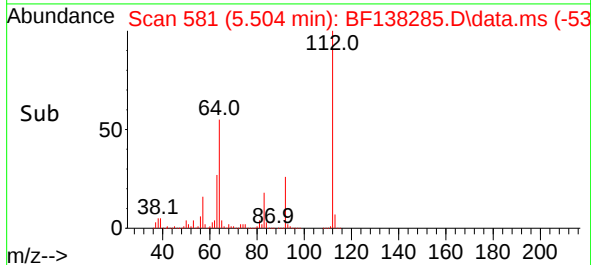
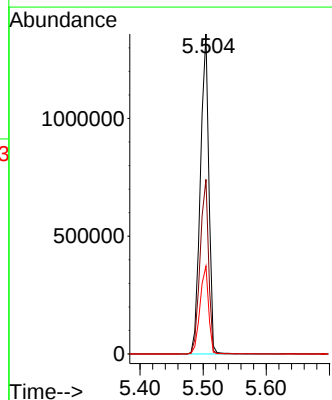
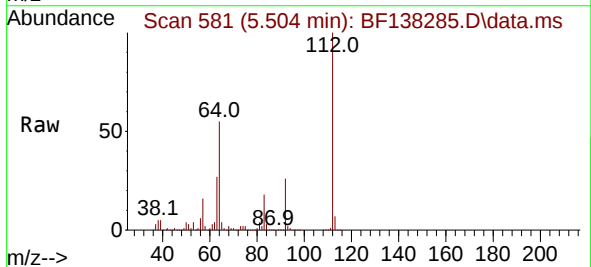
Instrument :
BNA_F
ClientSampleId :
OSTL-A4

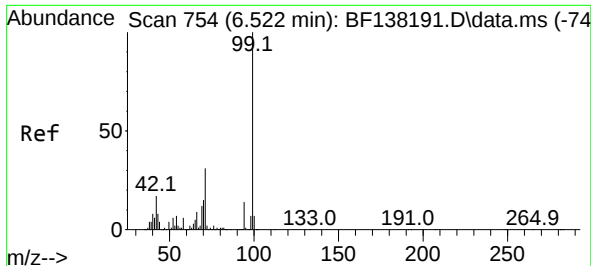
Tgt Ion:152 Resp: 291323
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.4
115 61.6 48.4 72.6



#5
2-Fluorophenol
Concen: 72.536 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Tgt Ion:112 Resp: 1263215
Ion Ratio Lower Upper
112 100
64 54.5 45.2 67.8
63 27.5 22.9 34.3



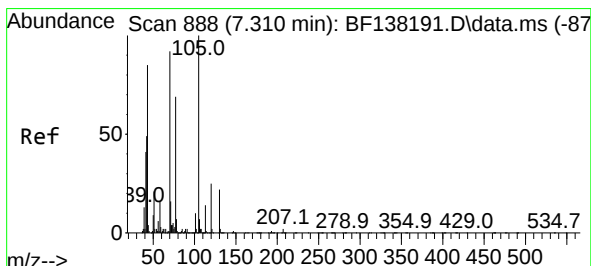
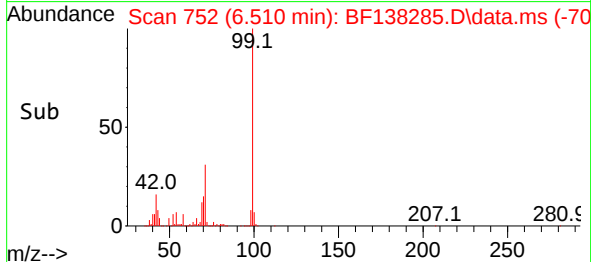
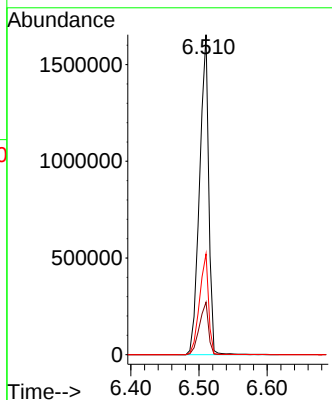
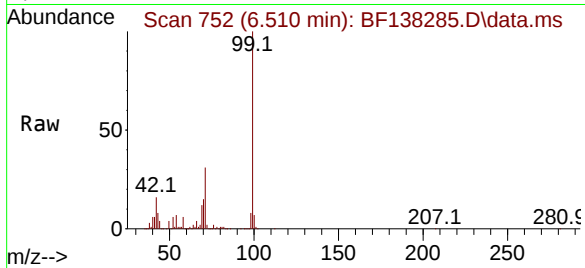


#7
Phenol-d6
Concen: 69.977 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Instrument :
BNA_F
ClientSampleId :
OSTL-A4

Tgt Ion: 99 Resp: 1545292

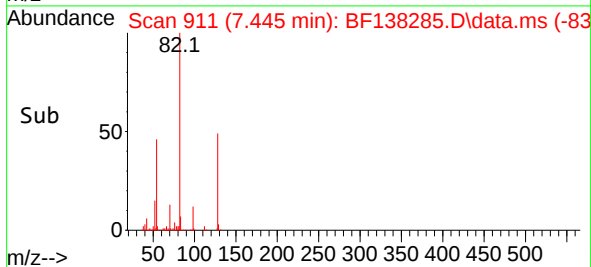
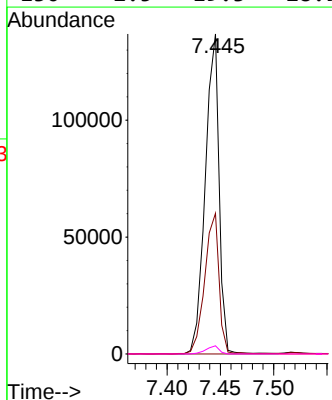
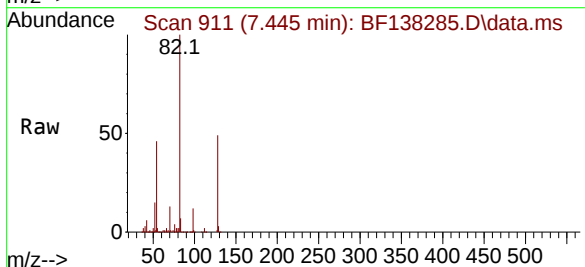
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.7	20.5
71	31.5	25.0	37.6

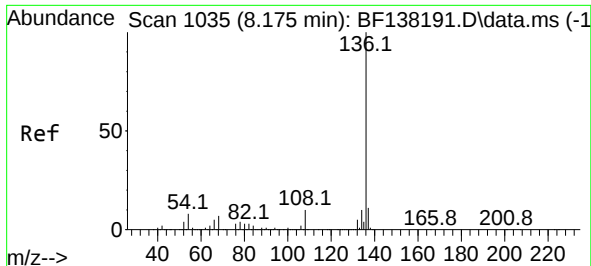


#19
n-Nitroso-di-n-propylamine
Concen: 9.498 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Tgt Ion: 70 Resp: 124325

Ion	Ratio	Lower	Upper
70	100		
42	43.9	42.8	64.2
101	0.0	8.4	12.6#
130	2.5	19.3	28.9#

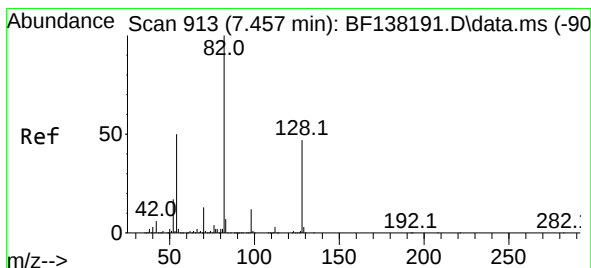
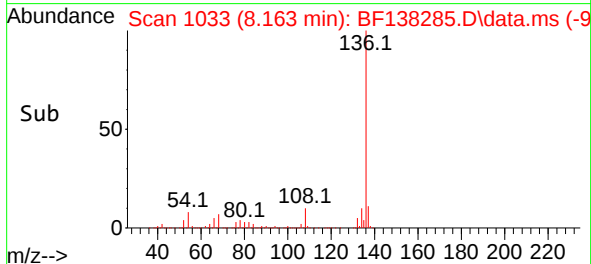
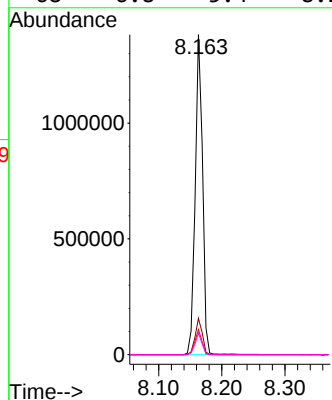
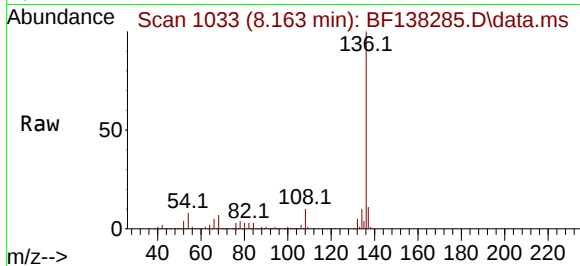




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

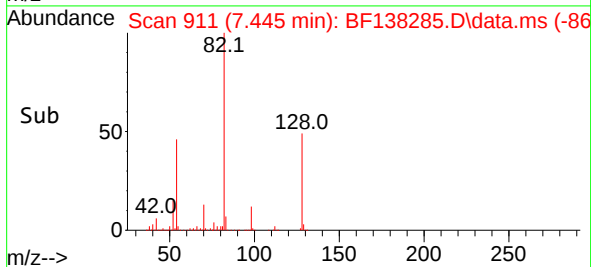
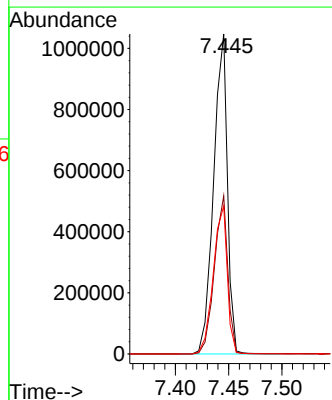
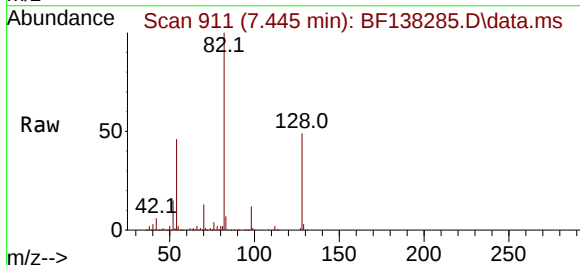
Instrument :
BNA_F
ClientSampleId :
OSTL-A4

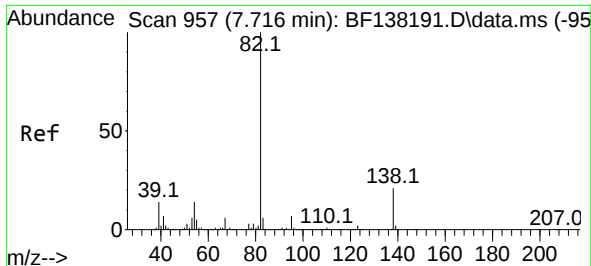
Tgt Ion:136 Resp: 1119729
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.8 6.6 10.0
68 6.8 5.4 8.2



#23
Nitrobenzene-d5
Concen: 48.906 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Tgt Ion: 82 Resp: 940655
Ion Ratio Lower Upper
82 100
128 49.4 37.2 55.8
54 46.3 39.8 59.6

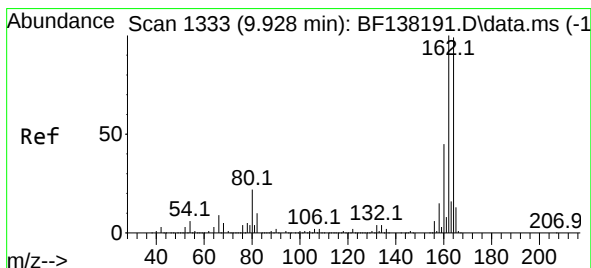
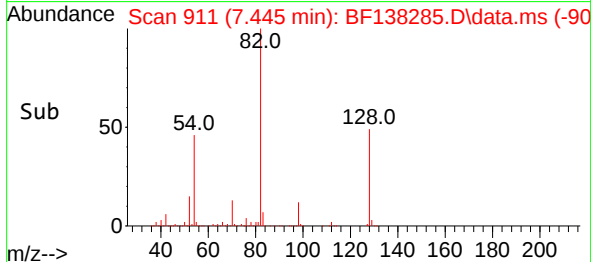
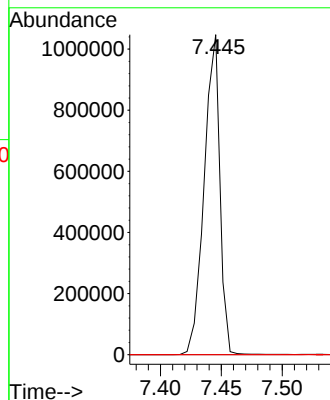
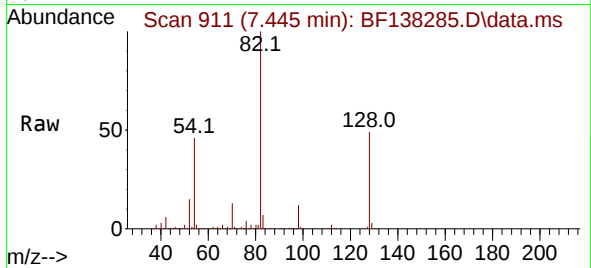




#25
Isophorone
Concen: 26.977 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

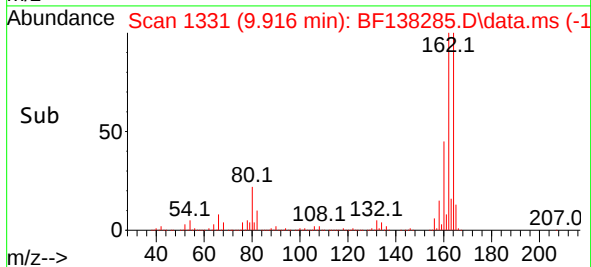
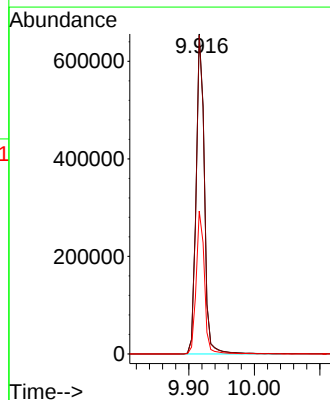
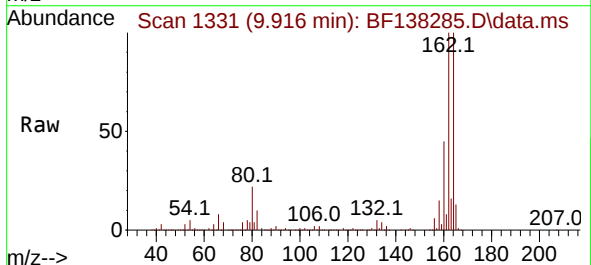
Instrument :
BNA_F
ClientSampleId :
OSTL-A4

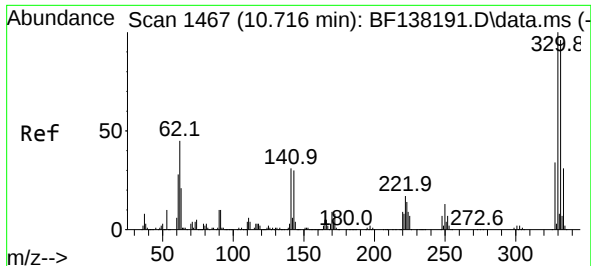
Tgt Ion: 82 Resp: 938535
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

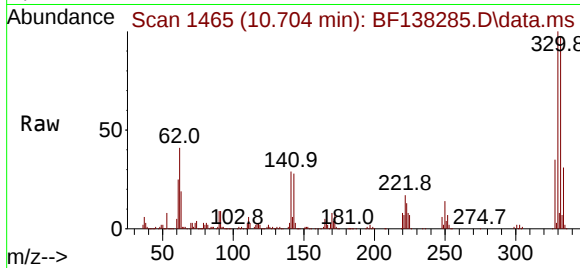
Tgt Ion:164 Resp: 576787
Ion Ratio Lower Upper
164 100
162 99.5 80.6 121.0
160 44.7 36.3 54.5



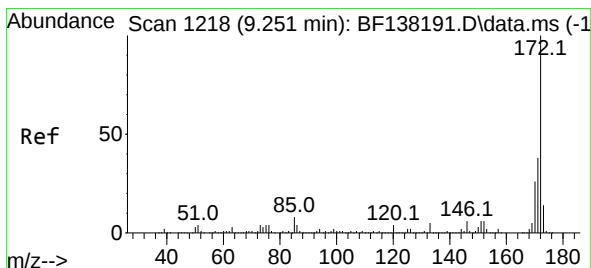
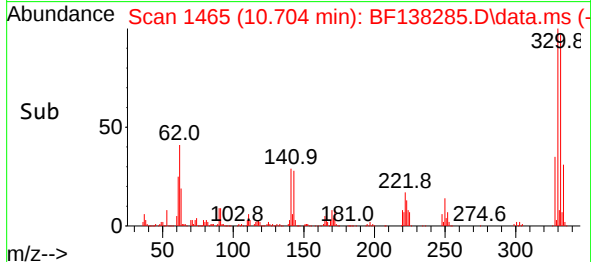
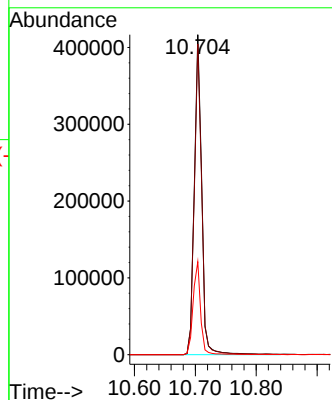


#42
2,4,6-Tribromophenol
Concen: 61.374 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Instrument :
BNA_F
ClientSampleId :
OSTL-A4

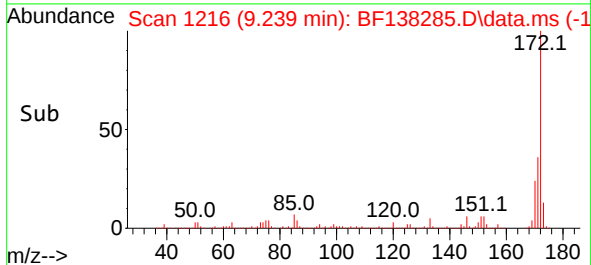
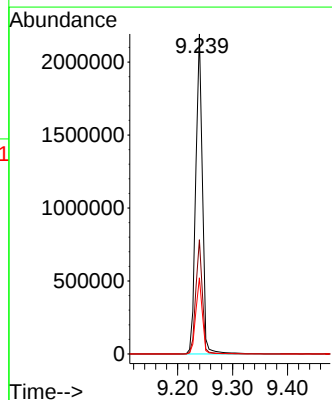
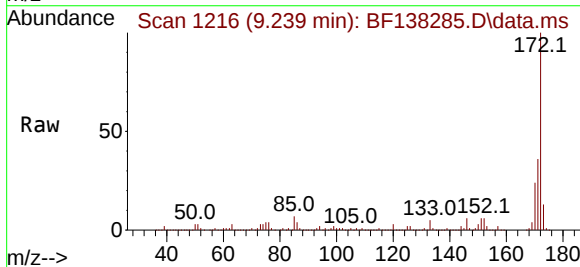


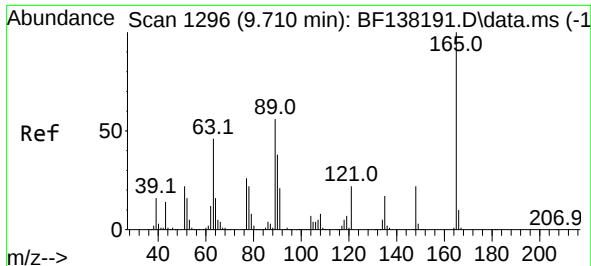
Tgt Ion:330 Resp: 352411
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 50.800 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Tgt Ion:172 Resp: 1842640
Ion Ratio Lower Upper
172 100
171 35.7 30.3 45.5
170 23.8 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 9.563 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF138285.D

Acq: 21 Jun 2024 14:57

Instrument :

BNA_F

ClientSampleId :

OSTL-A4

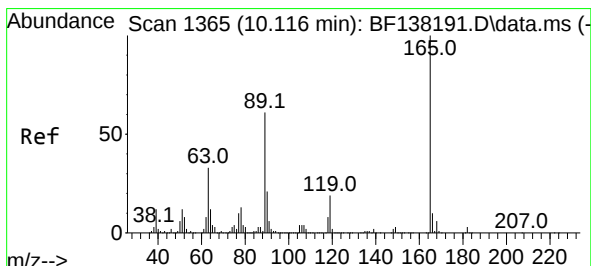
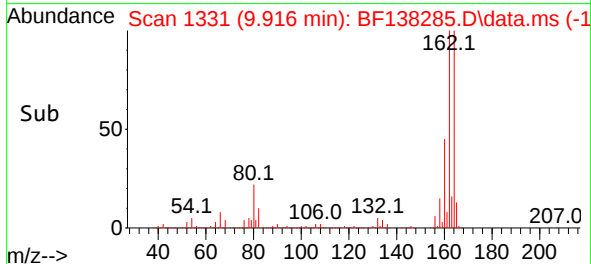
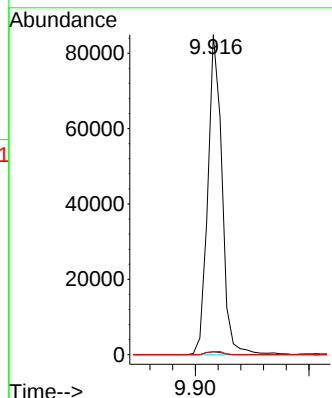
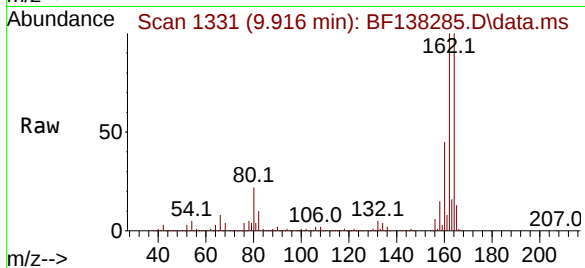
Tgt Ion:165 Resp: 73320

Ion Ratio Lower Upper

165 100

63 0.9 43.7 65.5#

89 0.9 44.9 67.3#



#57

2,4-Dinitrotoluene

Concen: 7.762 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.200 min

Lab File: BF138285.D

Acq: 21 Jun 2024 14:57

Tgt Ion:165 Resp: 73403

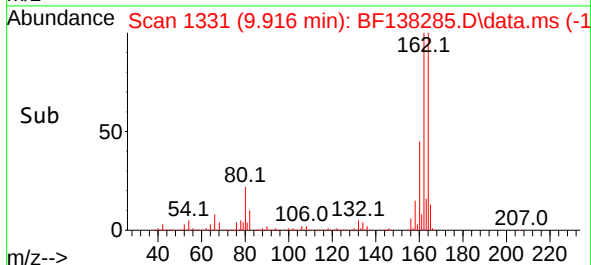
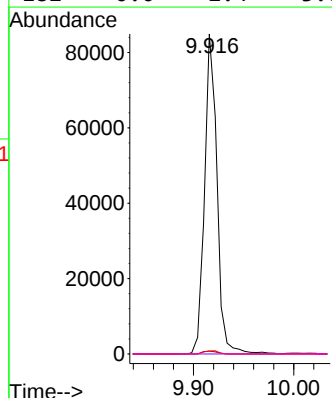
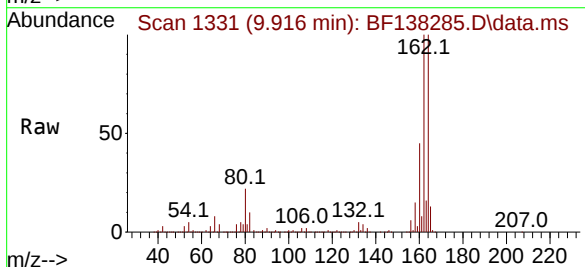
Ion Ratio Lower Upper

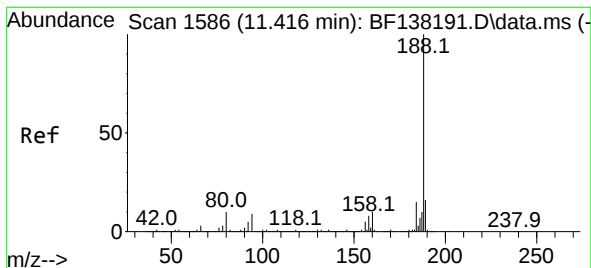
165 100

63 0.9 26.6 39.8#

89 0.9 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: BF138285.D

Acq: 21 Jun 2024 14:57

Instrument :

BNA_F

ClientSampleId :

OSTL-A4

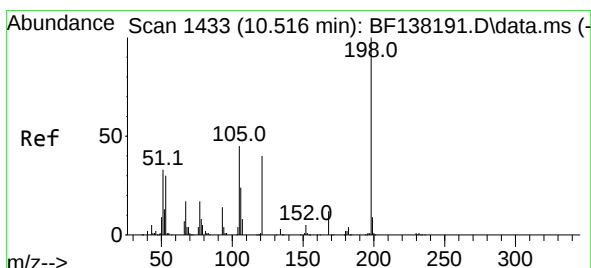
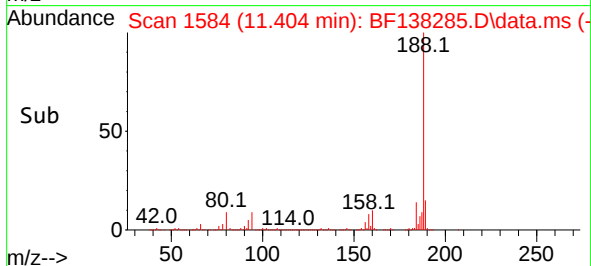
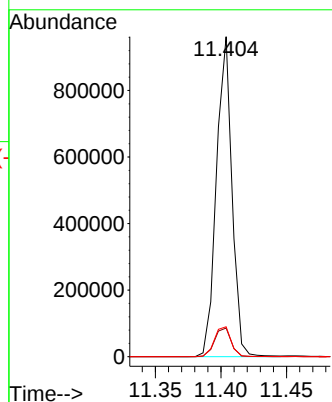
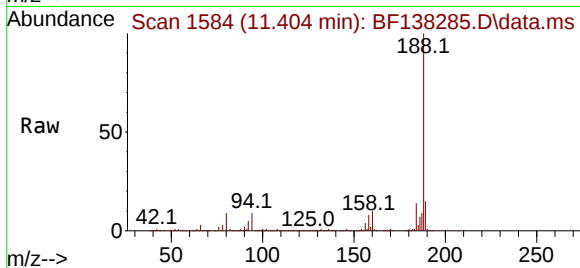
Tgt Ion:188 Resp: 792021

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.3 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.078 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138285.D

Acq: 21 Jun 2024 14:57

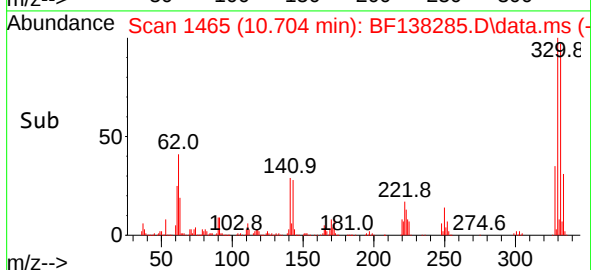
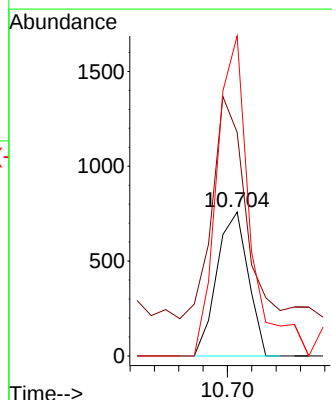
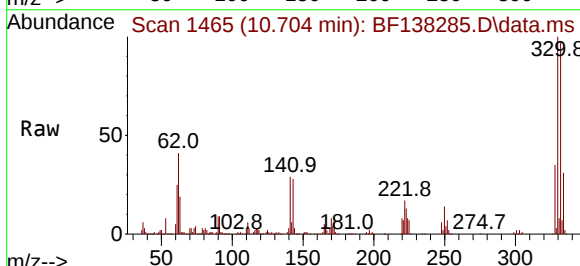
Tgt Ion:198 Resp: 677

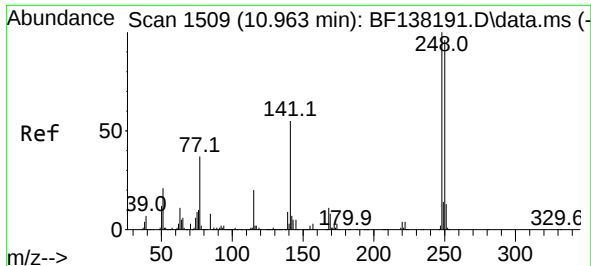
Ion Ratio Lower Upper

198 100

51 155.4 26.9 66.9#

105 222.6 26.0 66.0#

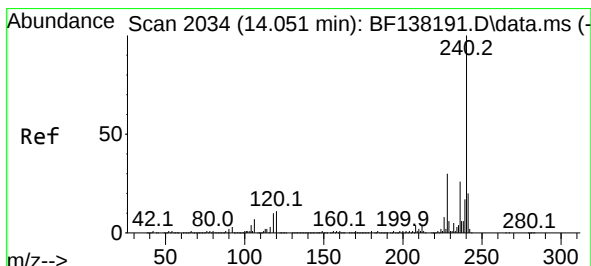
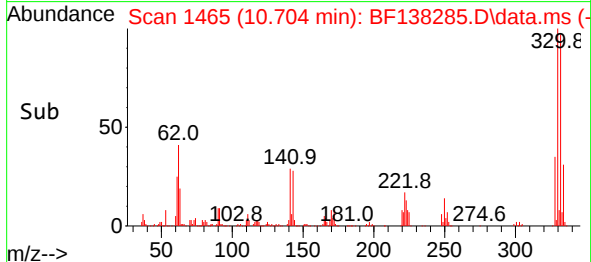
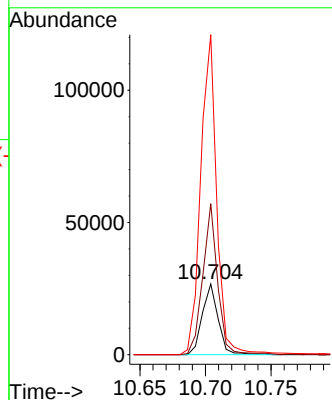
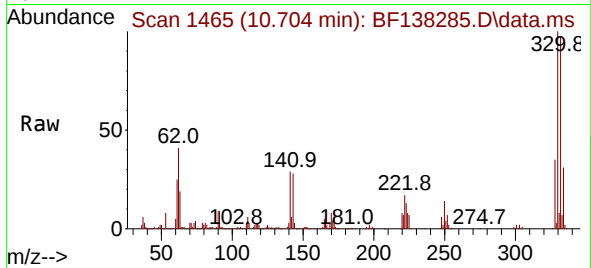




#67
4-Bromophenyl-phenylether
Concen: 2.524 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

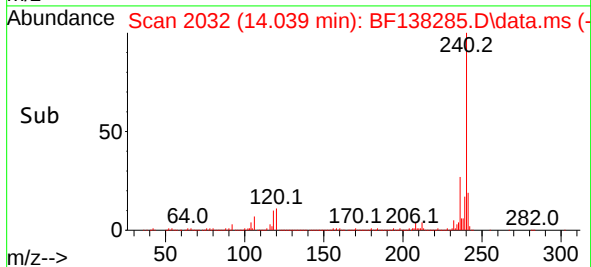
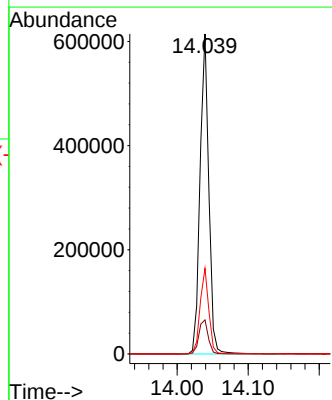
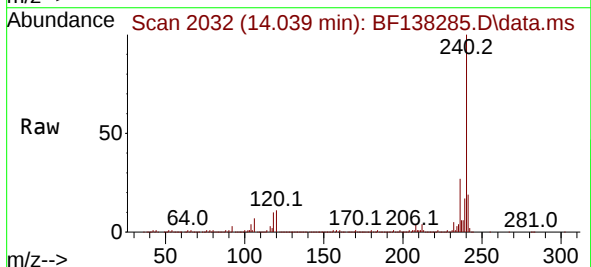
Instrument :
BNA_F
ClientSampleId :
OSTL-A4

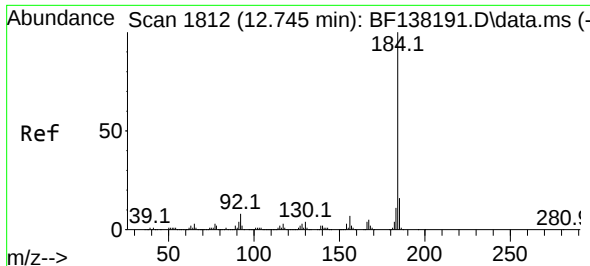
Tgt Ion:248 Resp: 22525
Ion Ratio Lower Upper
248 100
250 213.4 77.2 115.8#
141 452.1 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Tgt Ion:240 Resp: 527622
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 26.7 21.0 31.6

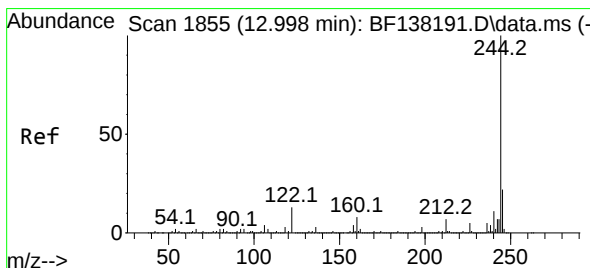
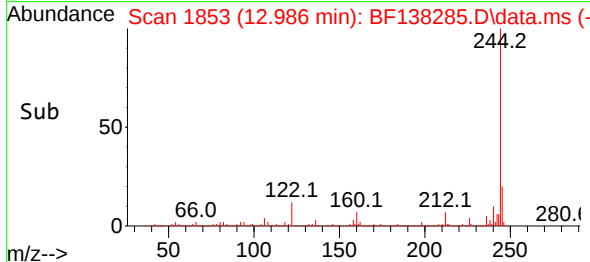
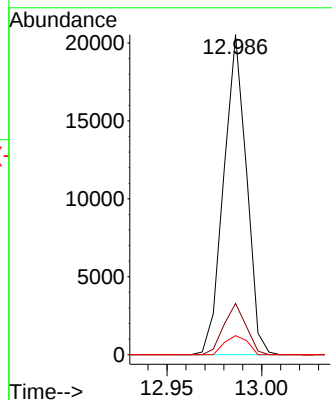
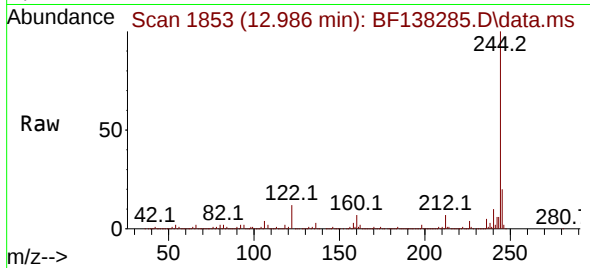




#77
Benzidine
Concen: 2.814 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.241 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

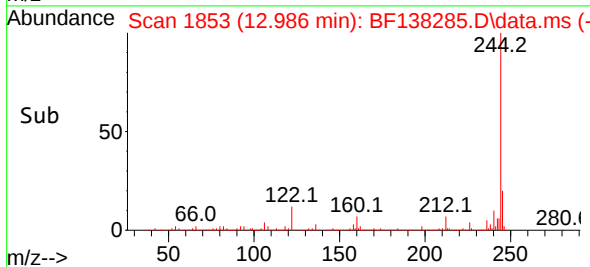
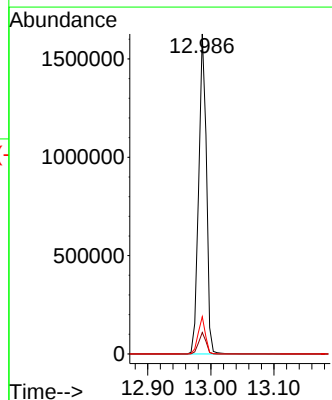
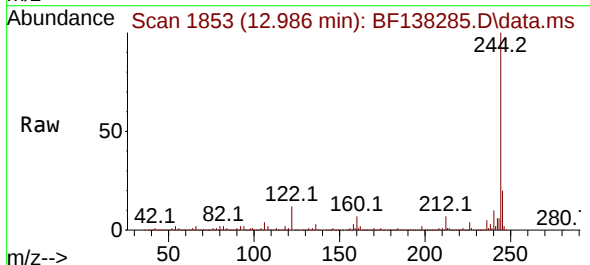
Instrument :
BNA_F
ClientSampleId :
OSTL-A4

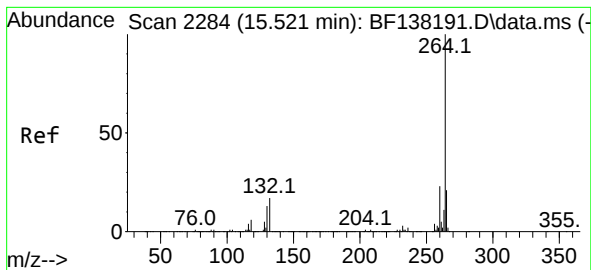
Tgt Ion:184 Resp: 17174
Ion Ratio Lower Upper
184 100
185 16.0 12.6 19.0
183 6.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 41.205 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138285.D
Acq: 21 Jun 2024 14:57

Tgt Ion:244 Resp: 1372677
Ion Ratio Lower Upper
244 100
212 6.7 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: BF138285.D
Acq: 21 Jun 2024 14:57

Instrument :
BNA_F
ClientSampleId :
OSTL-A4

Tgt Ion:264 Resp: 540425
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.3 17.0 25.6

