

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138292.D
 Acq On : 21 Jun 2024 18:34
 Operator : CG\JU
 Sample : P2977-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C3

Quant Time: Jun 21 23:01:36 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)

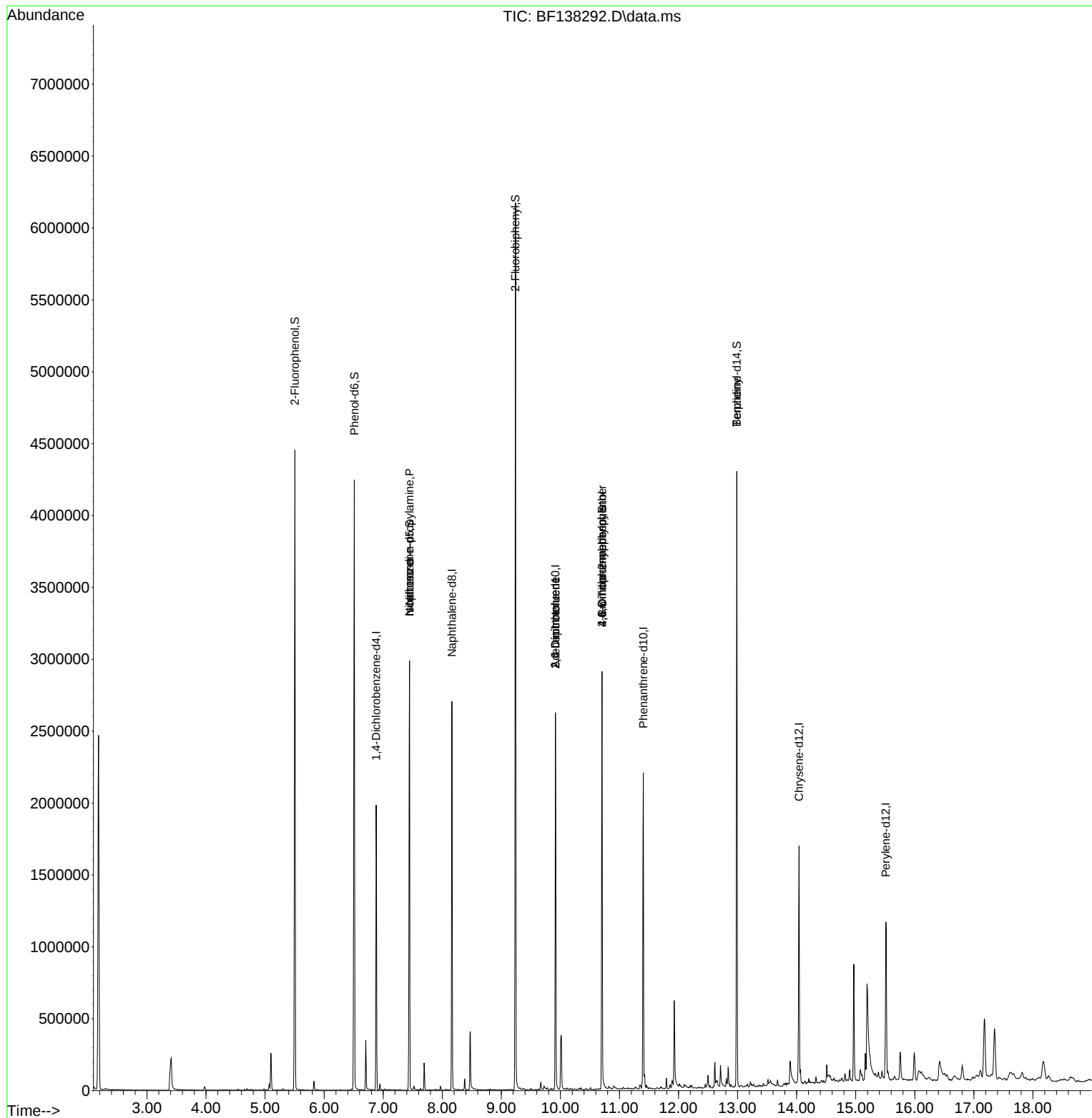
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	283575	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1056479	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	532152	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	763934	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	511388	20.000	ng	-0.01
86) Perylene-d12	15.510	264	528161	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1237995	73.030	ng	0.00
7) Phenol-d6	6.510	99	1501923	69.871	ng	-0.01
23) Nitrobenzene-d5	7.445	82	911372	50.220	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	349451	65.963	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1728636	51.654	ng	-0.01
79) Terphenyl-d14	12.986	244	1402963	43.451	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	120154	9.430	ng	# 76
25) Isophorone	7.445	82	909518	27.708	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	69268	9.793	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	69378	7.952	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	776	7.105	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	22002	2.556	ng	# 1
77) Benzidine	12.986	184	17371	2.937	ng	# 93

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

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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

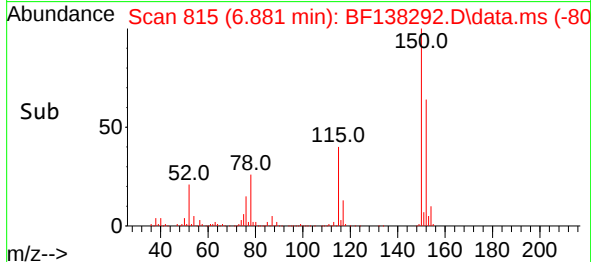
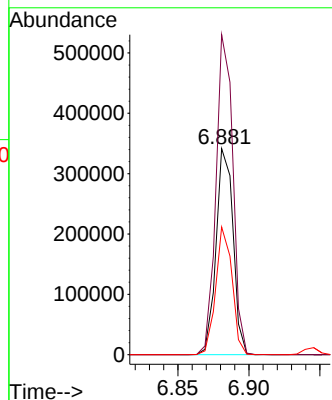
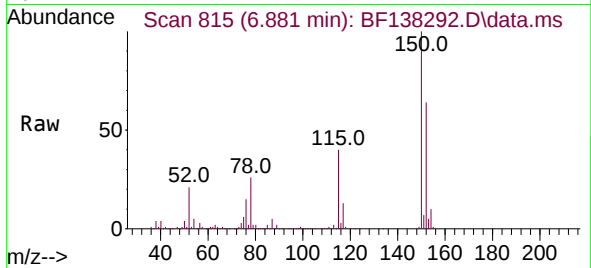




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

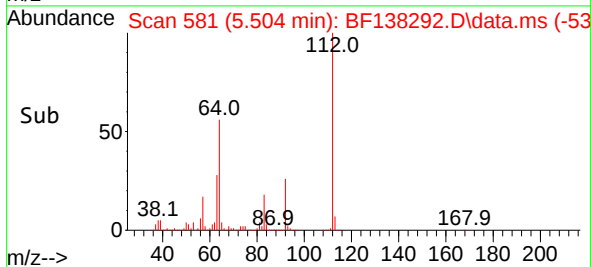
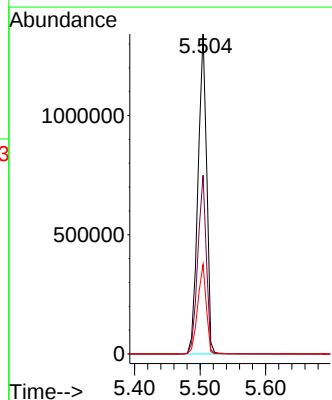
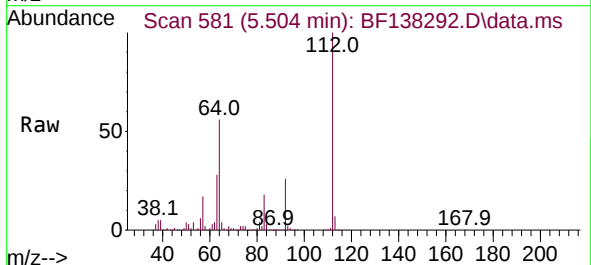
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Tgt Ion:152 Resp: 283575
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.4
115 62.0 48.4 72.6



#5
2-Fluorophenol
Concen: 73.030 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion:112 Resp: 1237995
Ion Ratio Lower Upper
112 100
64 55.8 45.2 67.8
63 28.0 22.9 34.3

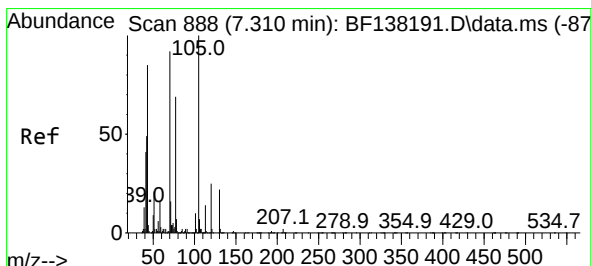
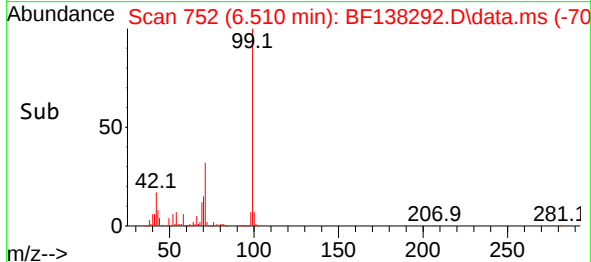
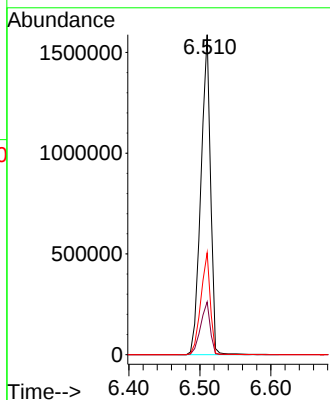
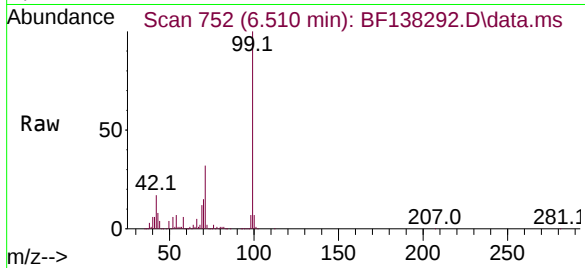




#7
Phenol-d6
Concen: 69.871 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

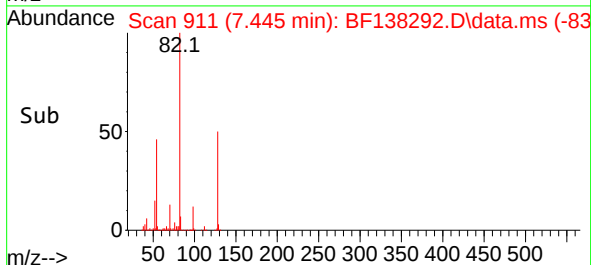
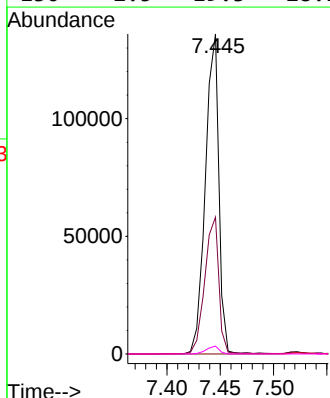
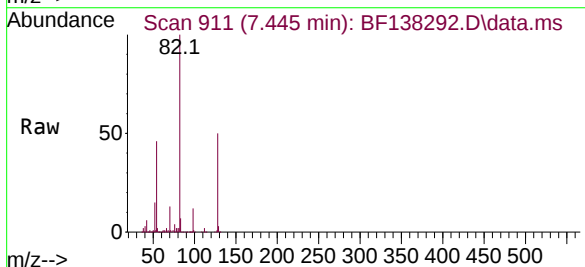
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

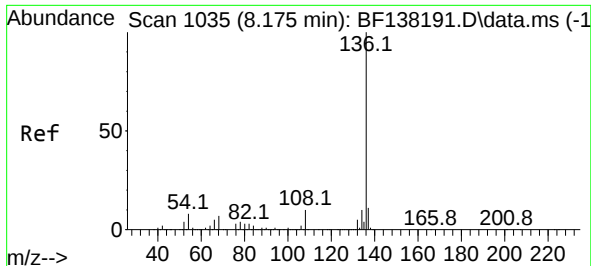
Tgt Ion: 99 Resp: 1501923
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 31.9 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.430 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion: 70 Resp: 120154
Ion Ratio Lower Upper
70 100
42 42.7 42.8 64.2#
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#



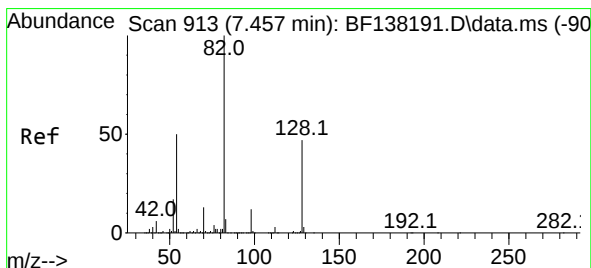
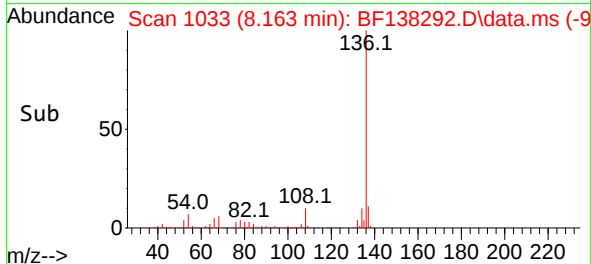
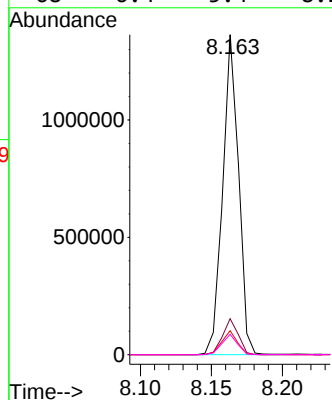
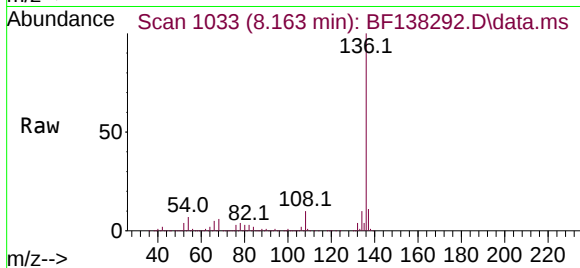


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Tgt Ion:136 Resp: 1056479

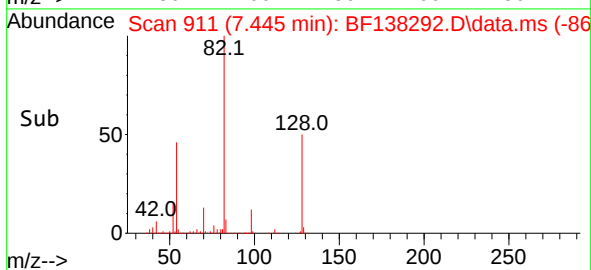
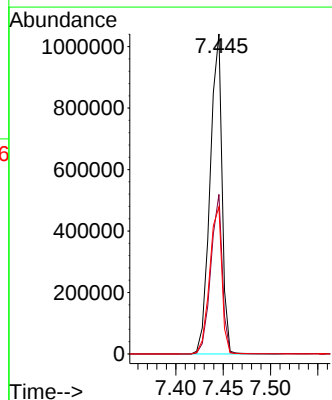
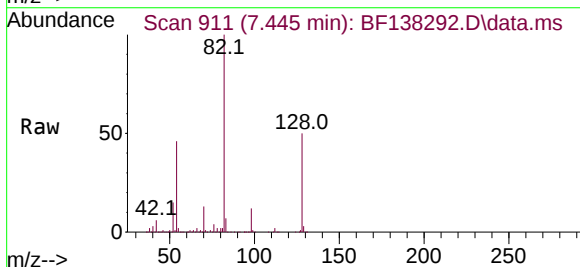
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	6.6	10.0
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 50.220 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion: 82 Resp: 911372

Ion	Ratio	Lower	Upper
82	100		
128	49.9	37.2	55.8
54	46.0	39.8	59.6

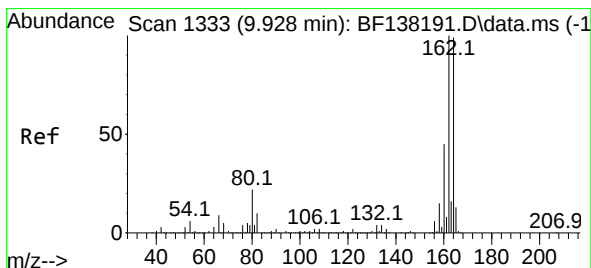
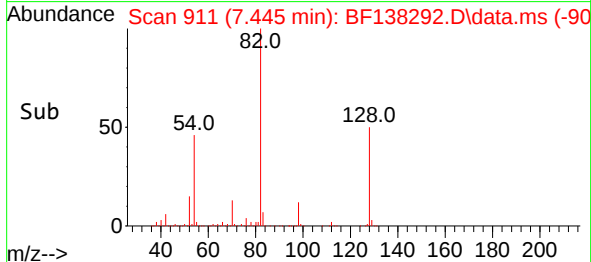
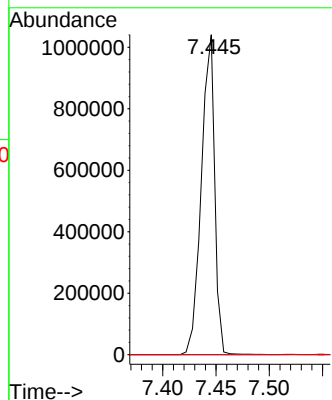
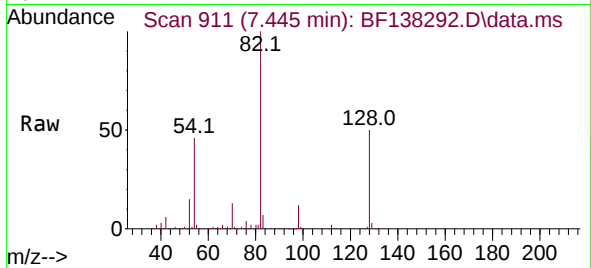




#25
Isophorone
Concen: 27.708 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

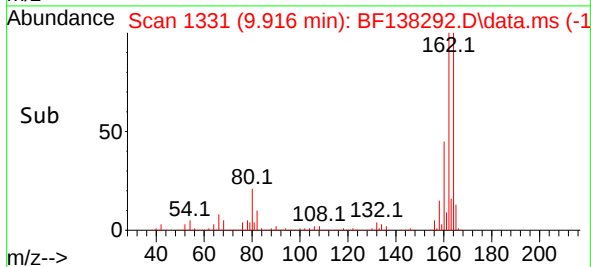
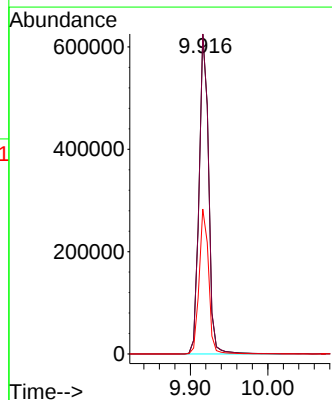
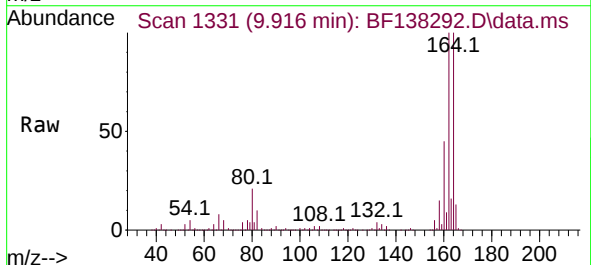
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Tgt Ion: 82 Resp: 909518
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: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion: 164 Resp: 532152
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 45.3 36.3 54.5

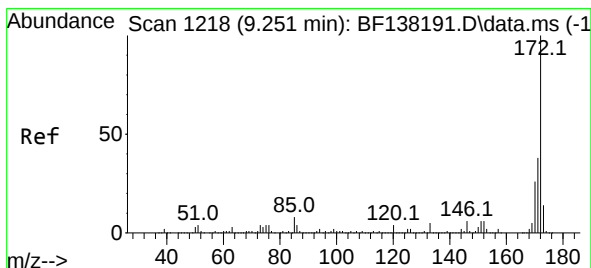
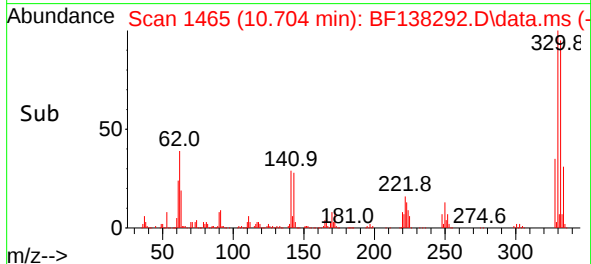
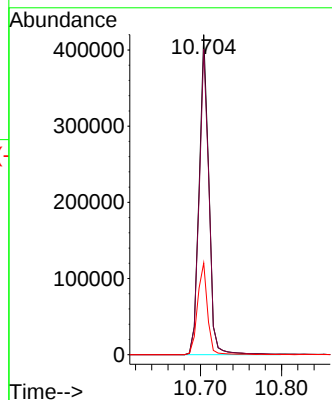
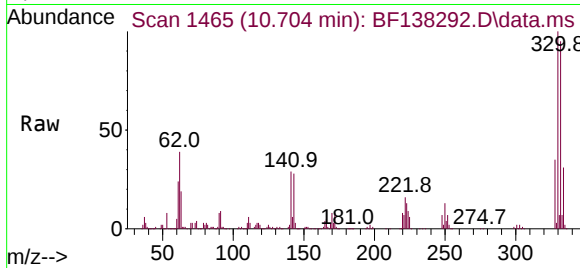




#42
 2,4,6-Tribromophenol
 Concen: 65.963 ng
 RT: 10.704 min Scan# 1465
 Delta R.T. -0.012 min
 Lab File: BF138292.D
 Acq: 21 Jun 2024 18:34

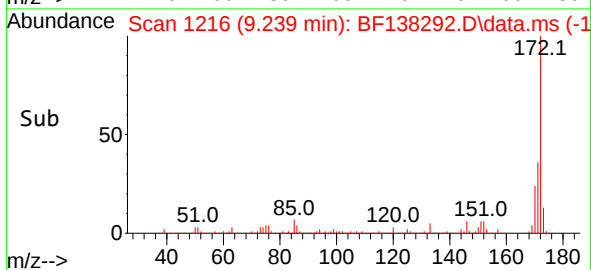
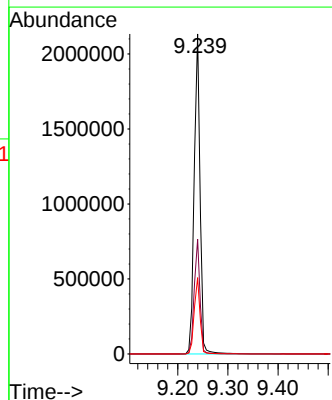
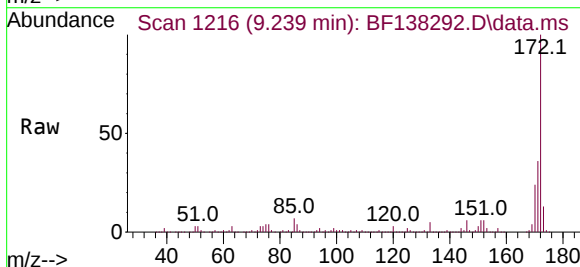
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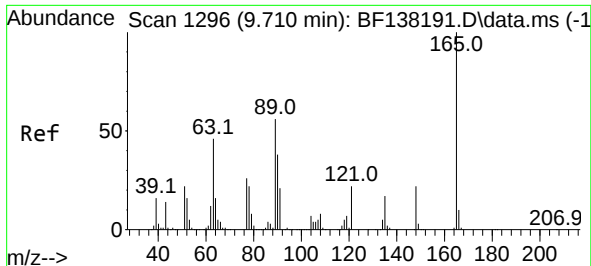
Tgt Ion:330 Resp: 349451
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 29.4 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 51.654 ng
 RT: 9.239 min Scan# 1216
 Delta R.T. -0.012 min
 Lab File: BF138292.D
 Acq: 21 Jun 2024 18:34

Tgt Ion:172 Resp: 1728636
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.3 45.5
 170 23.9 20.6 30.8

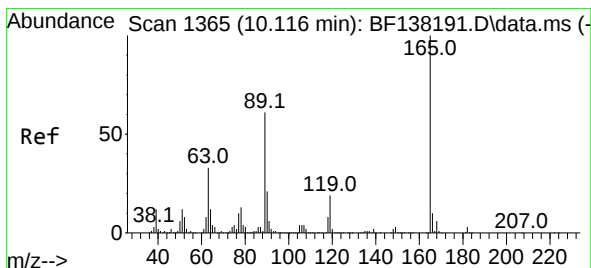
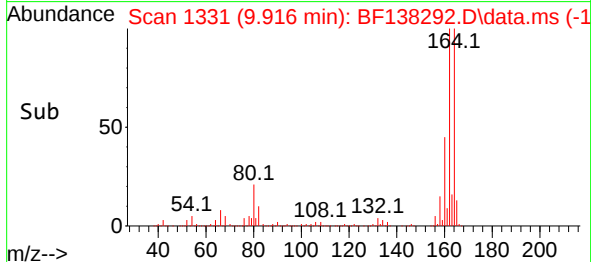
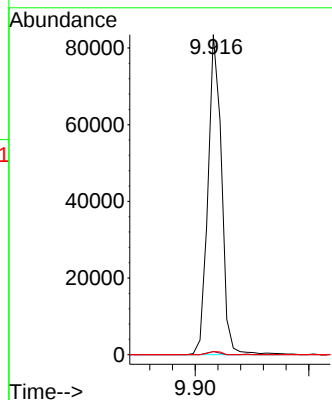
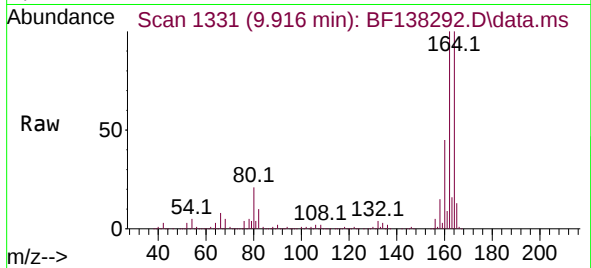




#51
2,6-Dinitrotoluene
Concen: 9.793 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

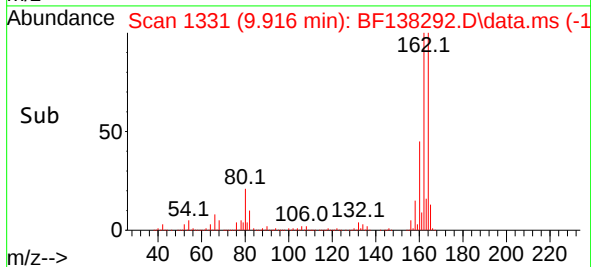
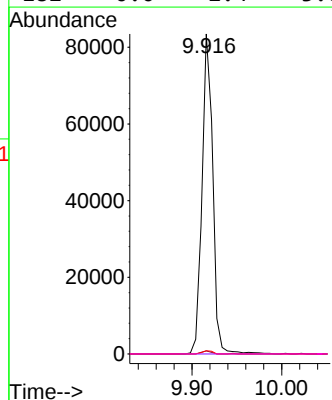
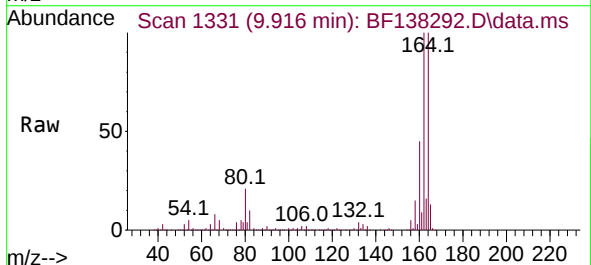
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Tgt Ion:165 Resp: 69268
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: 7.952 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion:165 Resp: 69378
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: BF138292.D

Acq: 21 Jun 2024 18:34

Instrument :

BNA_F

ClientSampleId :

OSTL-C3

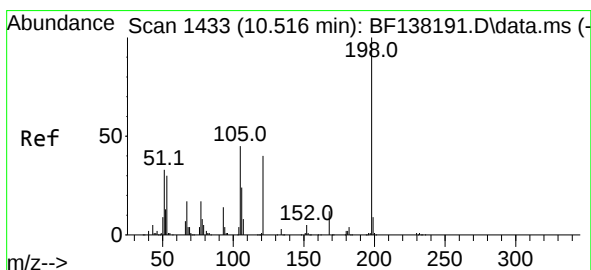
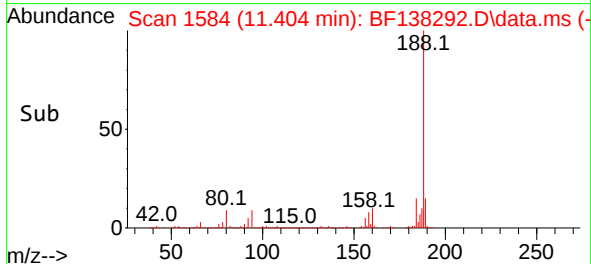
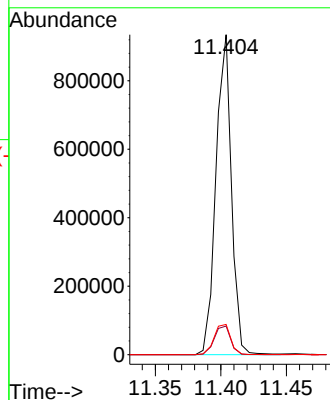
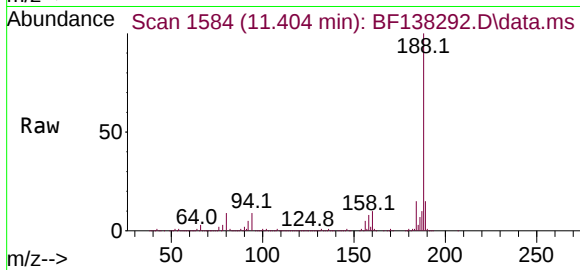
Tgt Ion:188 Resp: 763934

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.105 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138292.D

Acq: 21 Jun 2024 18:34

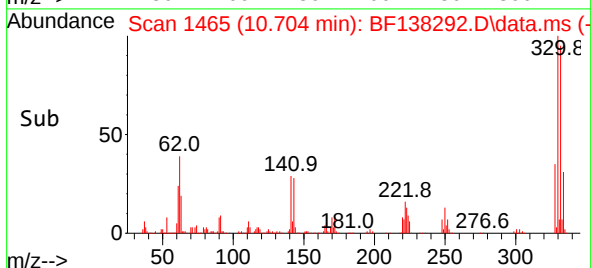
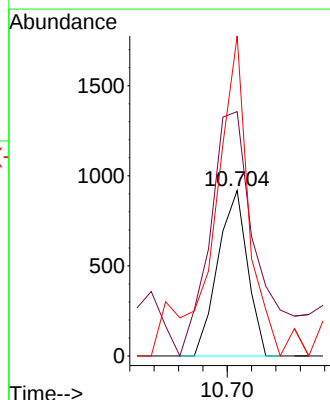
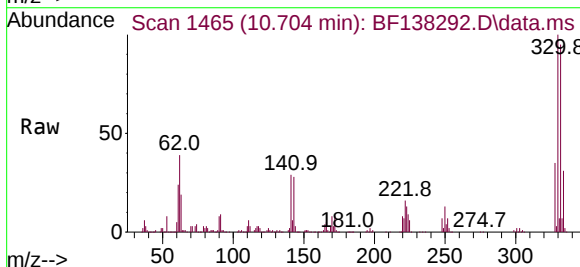
Tgt Ion:198 Resp: 776

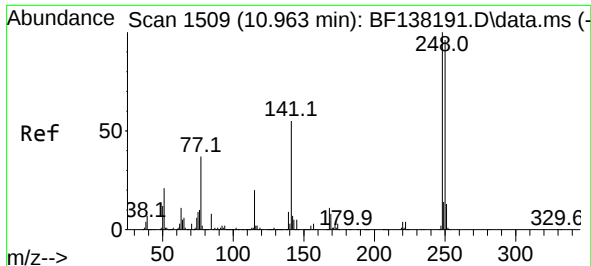
Ion Ratio Lower Upper

198 100

51 147.7 26.9 66.9#

105 193.5 26.0 66.0#

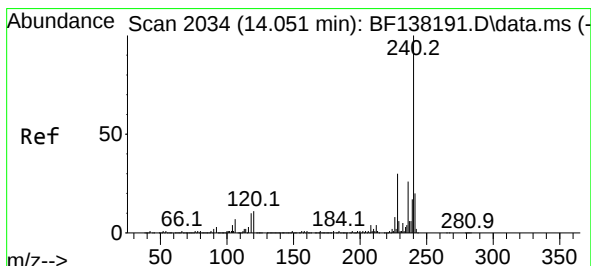
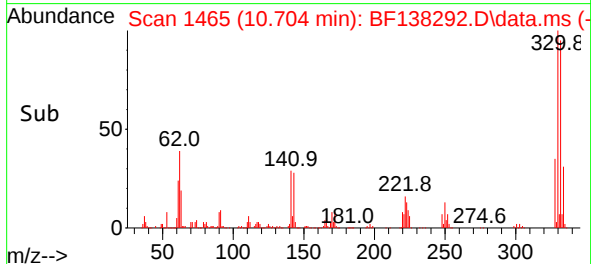
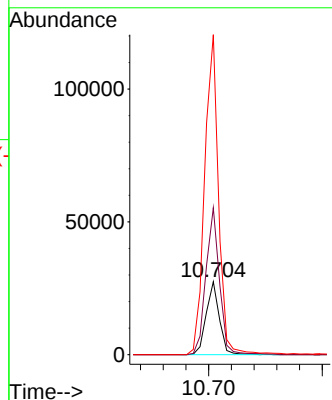
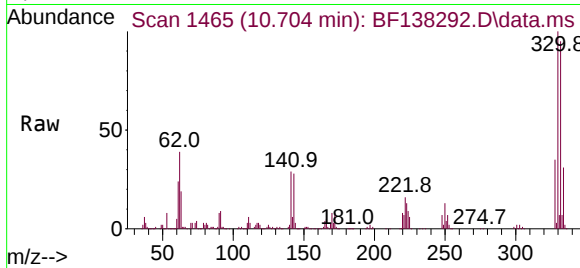




#67
4-Bromophenyl-phenylether
Concen: 2.556 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

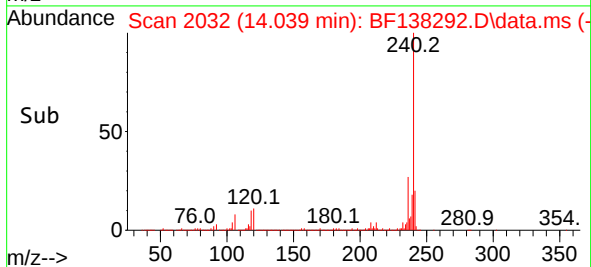
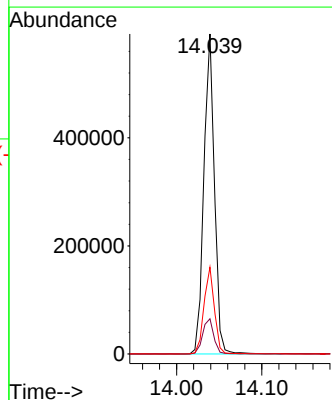
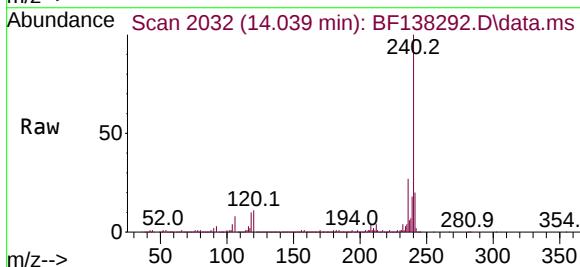
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

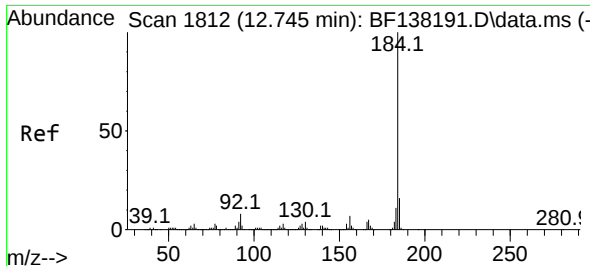
Tgt Ion:248 Resp: 22002
Ion Ratio Lower Upper
248 100
250 201.2 77.2 115.8#
141 438.4 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion:240 Resp: 511388
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 27.1 21.0 31.6

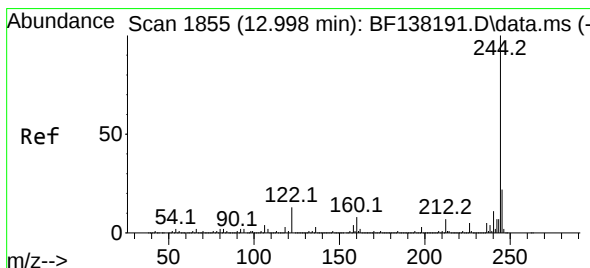
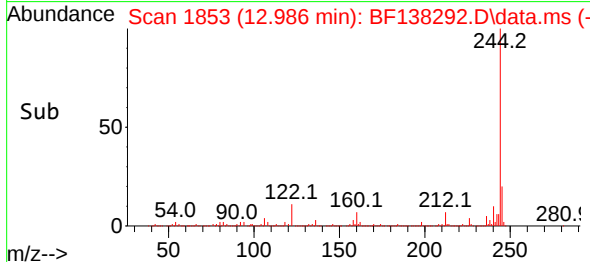
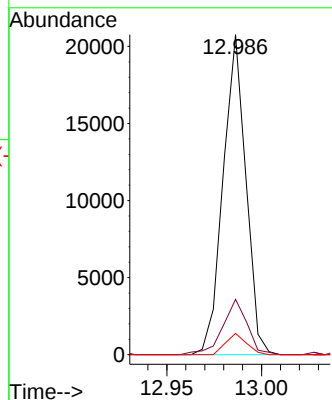
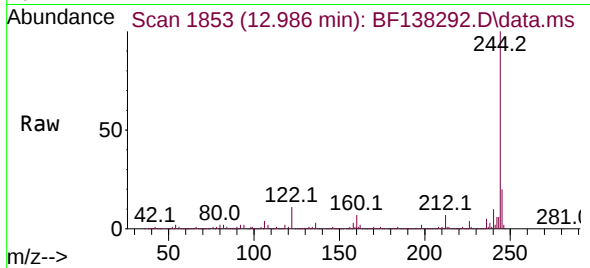




#77
Benzidine
Concen: 2.937 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.241 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

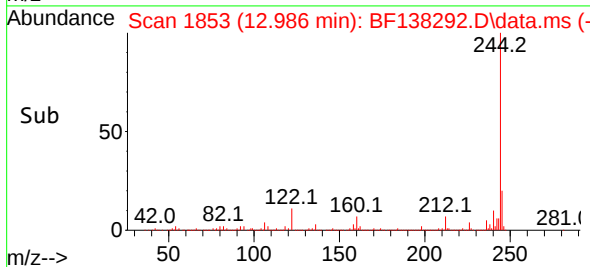
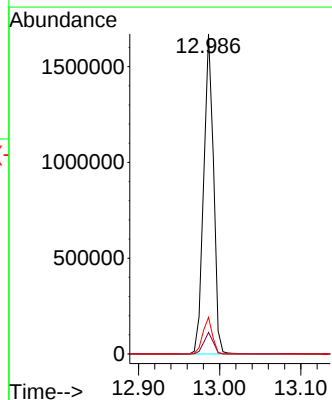
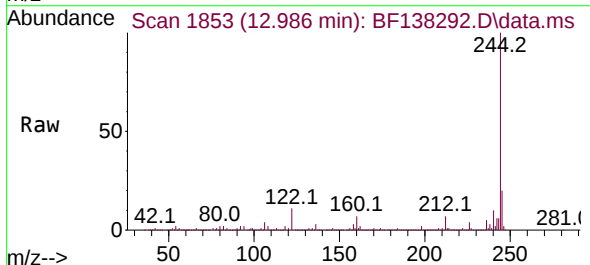
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

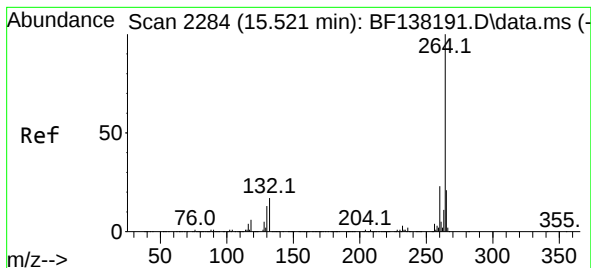
Tgt Ion:184 Resp: 17371
Ion Ratio Lower Upper
184 100
185 17.3 12.6 19.0
183 6.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 43.451 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion:244 Resp: 1402963
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.4 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: BF138292.D

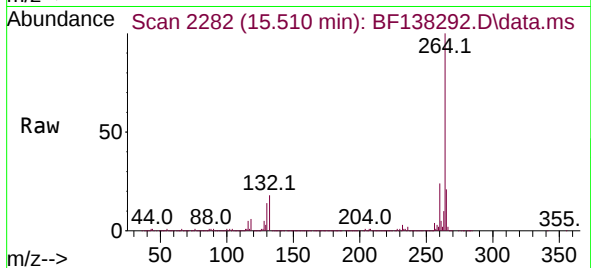
Acq: 21 Jun 2024 18:34

Instrument :

BNA_F

ClientSampleId :

OSTL-C3



Tgt Ion:264 Resp: 528161

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.4 17.0 25.6

