

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138307.D
 Acq On : 24 Jun 2024 13:43
 Operator : CG\JU
 Sample : P2977-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D2

Quant Time: Jun 24 14:12:13 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)

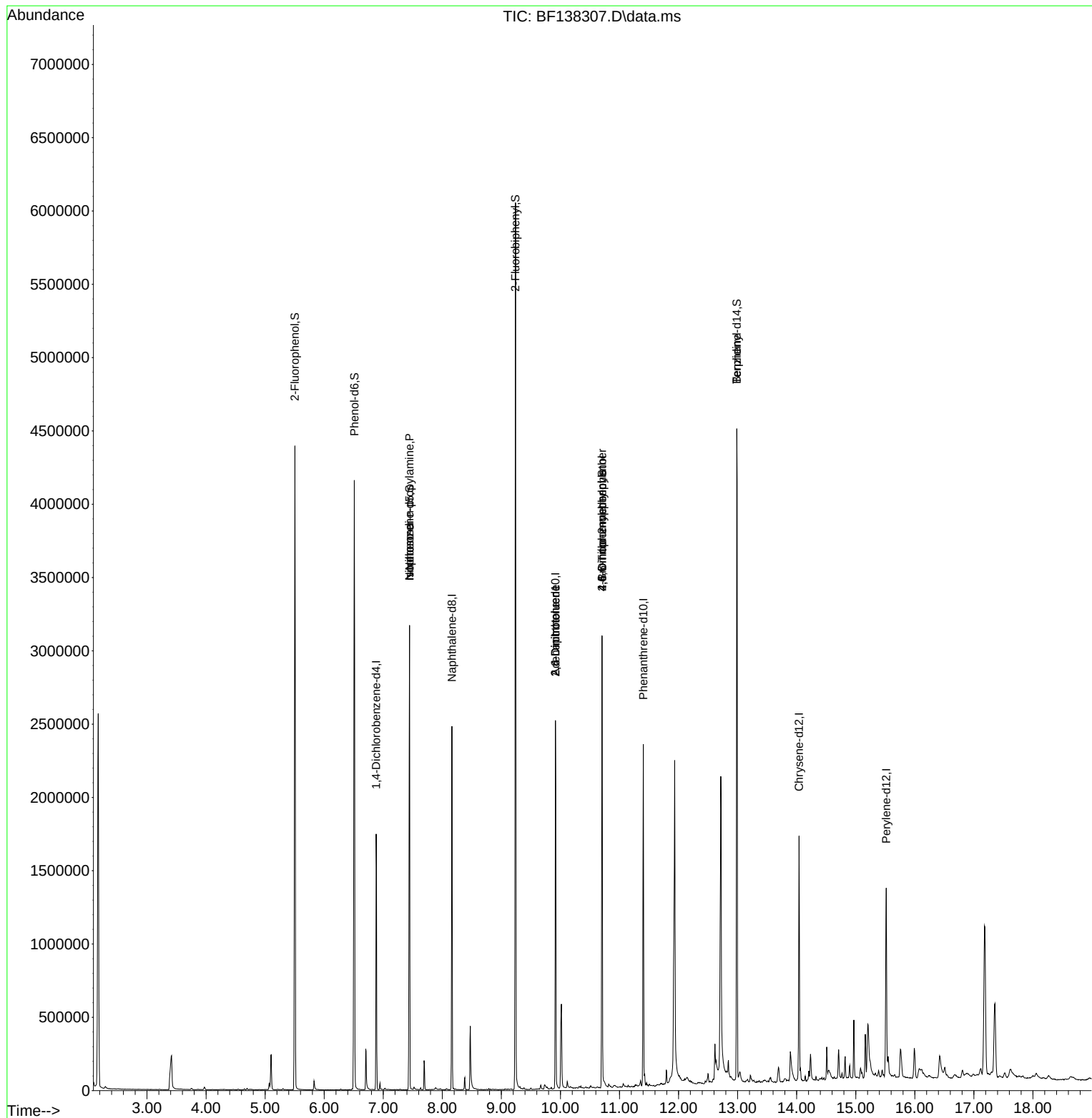
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	257061	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	968015	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	518554	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	801977	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	513955	20.000	ng	-0.01
86) Perylene-d12	15.515	264	605775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1298952	84.529	ng	0.00
7) Phenol-d6	6.510	99	1615575	82.910	ng	-0.01
23) Nitrobenzene-d5	7.445	82	948728	57.056	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	374589	72.562	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1777387	54.504	ng	-0.01
79) Terphenyl-d14	12.986	244	1608157	49.558	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	125002	10.822	ng	# 76
25) Isophorone	7.445	82	947095	31.490	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	68503	9.938	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	68654	8.076	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	722	7.085	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	22734	2.516	ng	# 1
77) Benzidine	12.986	184	19549	3.288	ng	# 91

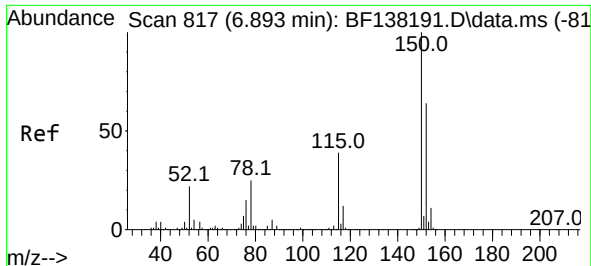
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D2

Quant Time: Jun 24 14:12:13 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

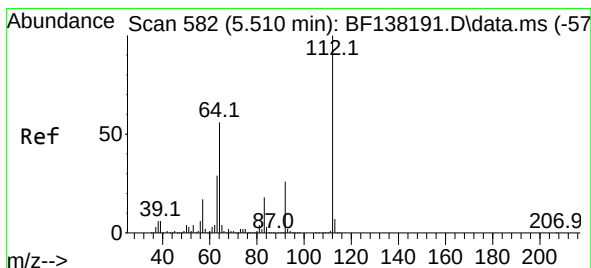
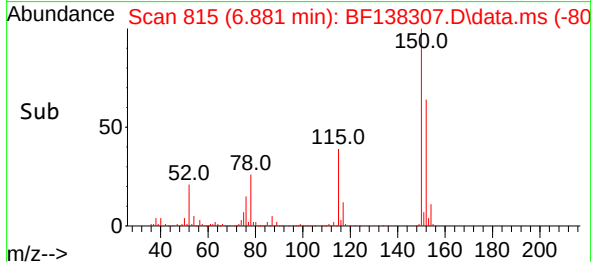
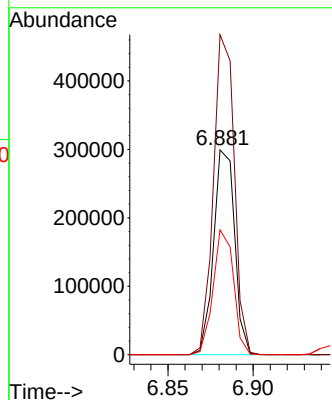
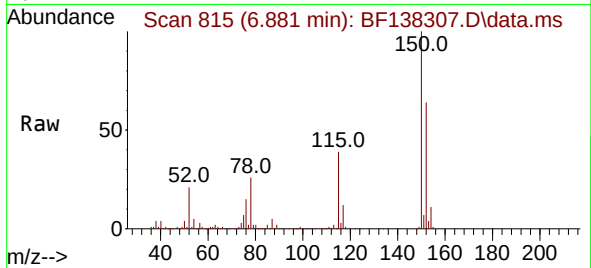




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

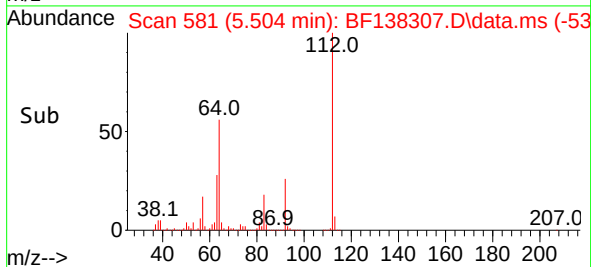
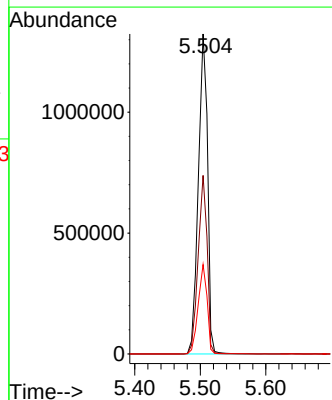
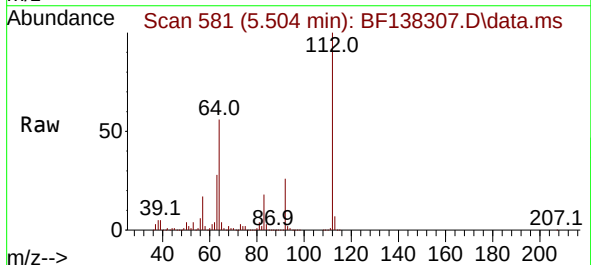
Instrument :
BNA_F
ClientSampleId :
OSTL-D2

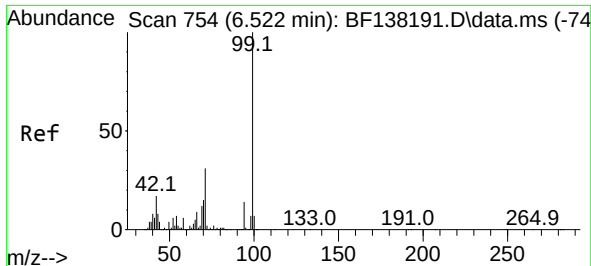
Tgt Ion:152 Resp: 257061
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 60.9 48.4 72.6



#5
2-Fluorophenol
Concen: 84.529 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Tgt Ion:112 Resp: 1298952
Ion Ratio Lower Upper
112 100
64 55.8 45.2 67.8
63 27.9 22.9 34.3

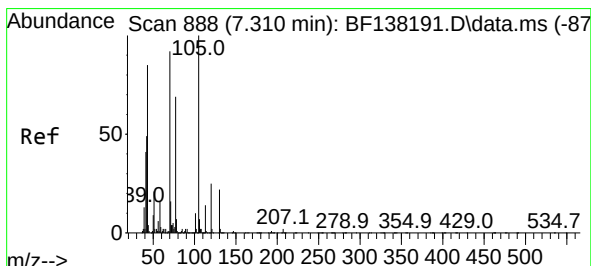
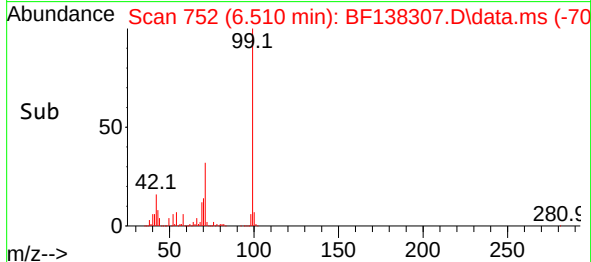
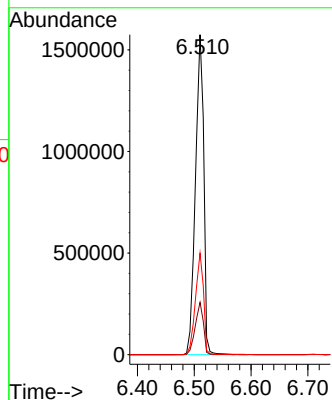
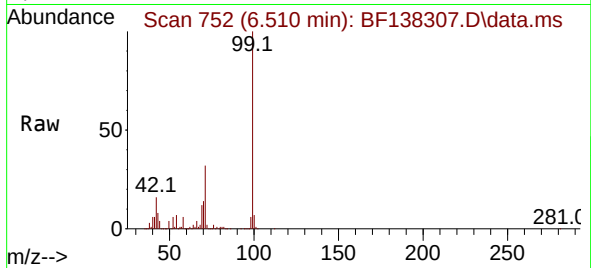




#7
Phenol-d6
Concen: 82.910 ng
RT: 6.510 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

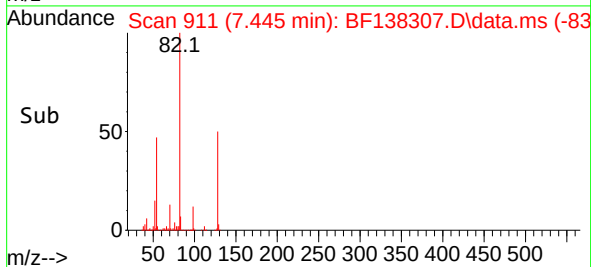
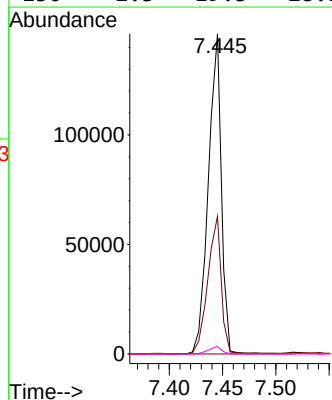
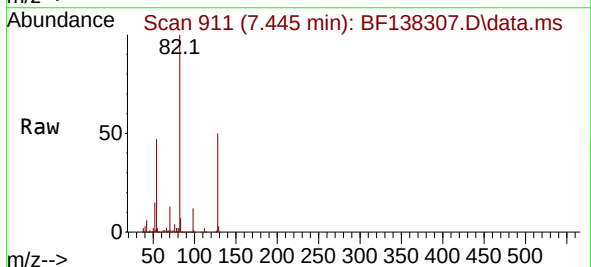
Instrument :
BNA_F
ClientSampleId :
OSTL-D2

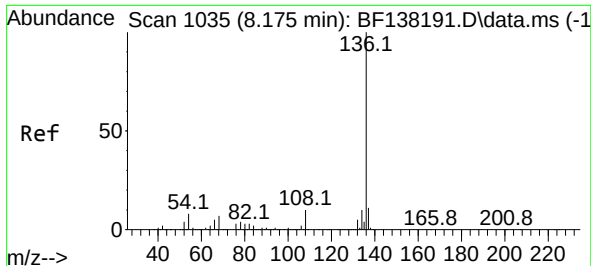
Tgt Ion: 99 Resp: 1615575
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.8 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.822 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Tgt Ion: 70 Resp: 125002
Ion Ratio Lower Upper
70 100
42 43.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

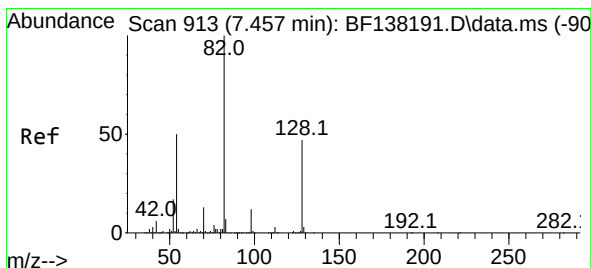
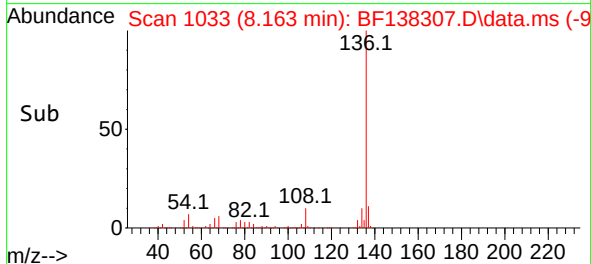
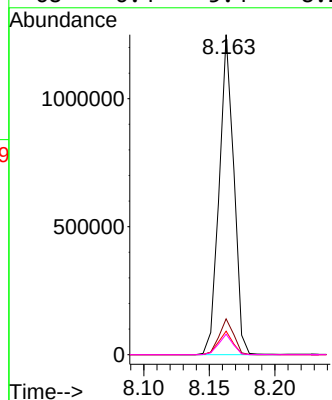
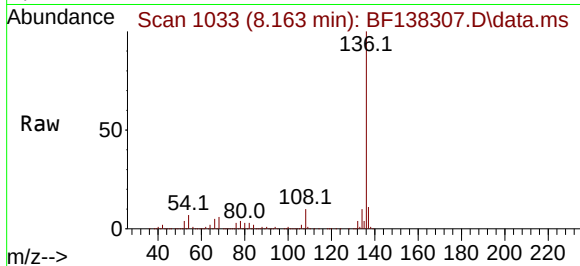




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

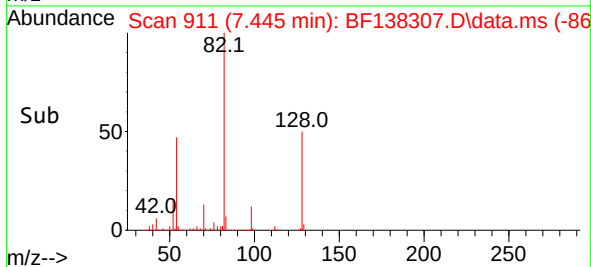
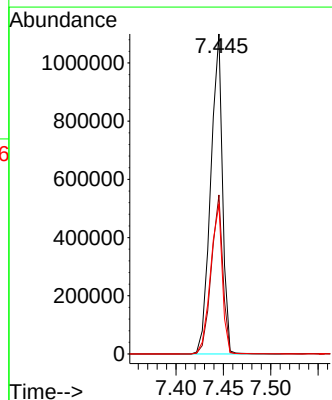
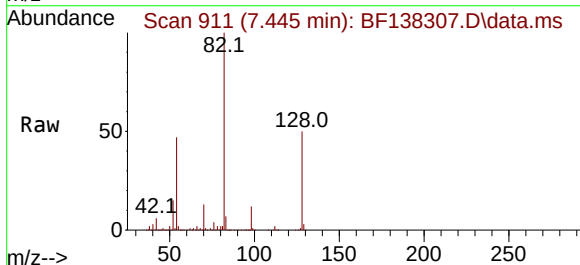
Instrument :
BNA_F
ClientSampleId :
OSTL-D2

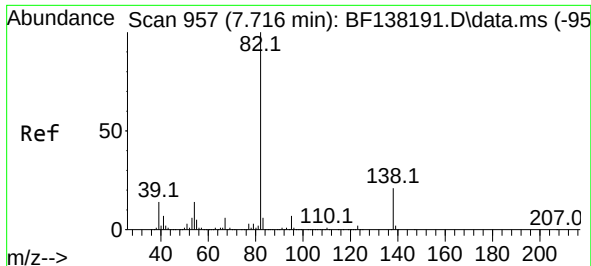
Tgt Ion:	136	Resp:	968015
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	6.6	10.0
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 57.056 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Tgt Ion:	82	Resp:	948728
Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.2	55.8
54	46.7	39.8	59.6

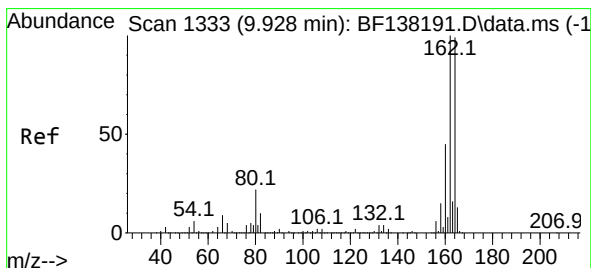
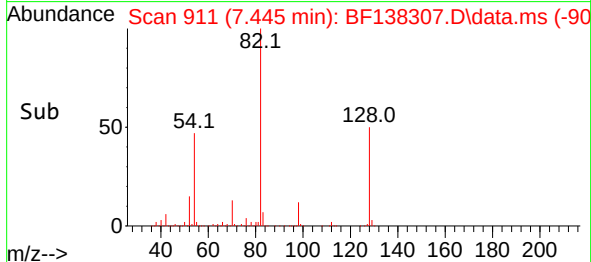
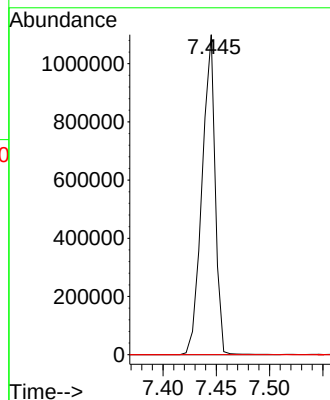
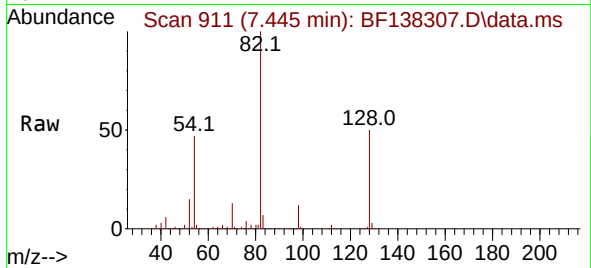




#25
Isophorone
Concen: 31.490 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

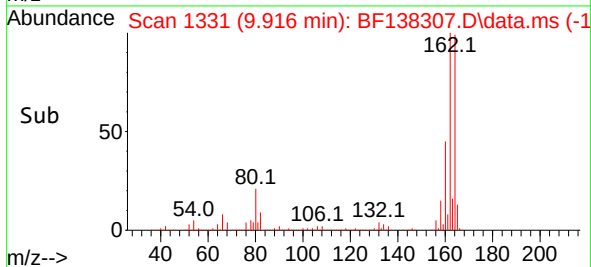
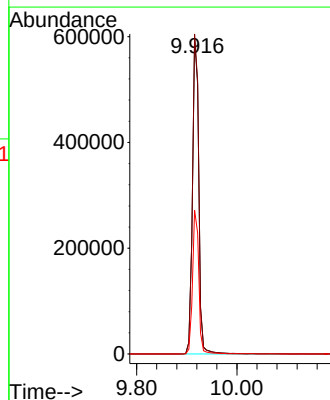
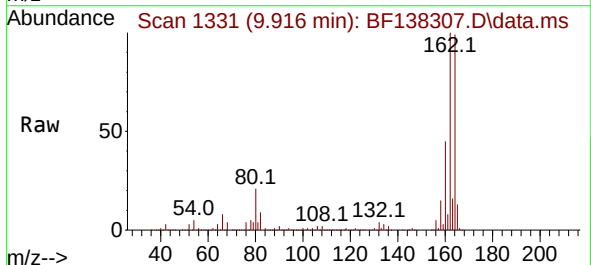
Instrument :
BNA_F
ClientSampleId :
OSTL-D2

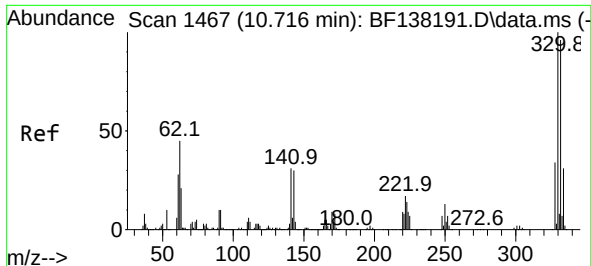
Tgt Ion: 82 Resp: 947095
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

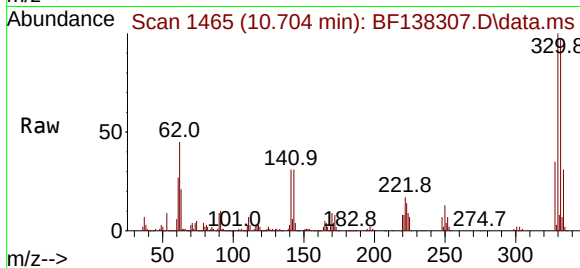
Tgt Ion: 164 Resp: 518554
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 45.6 36.3 54.5



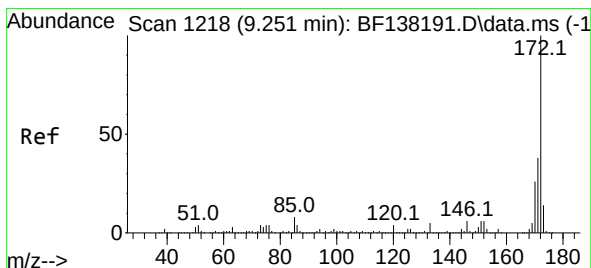
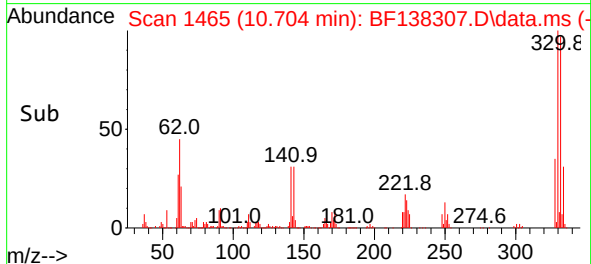
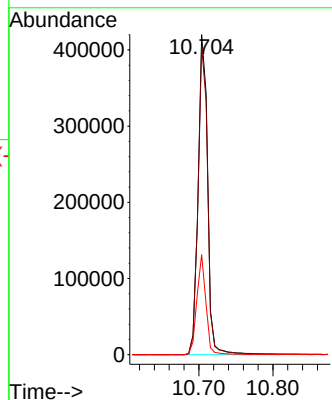


#42
2,4,6-Tribromophenol
Concen: 72.562 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Instrument :
BNA_F
ClientSampleId :
OSTL-D2

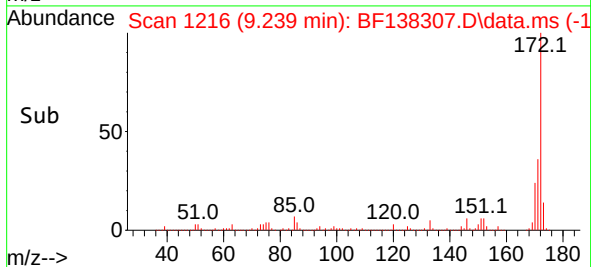
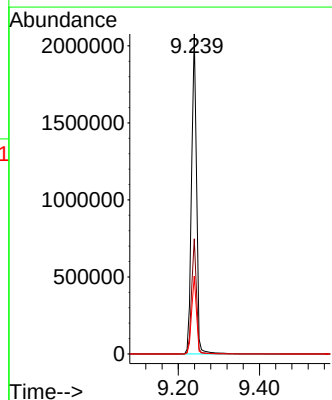
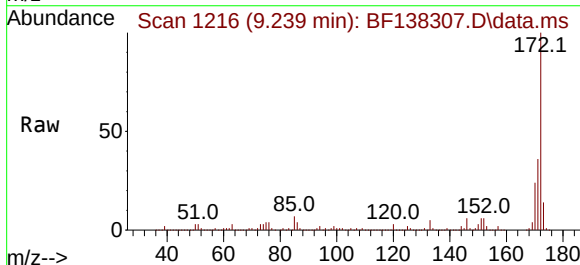


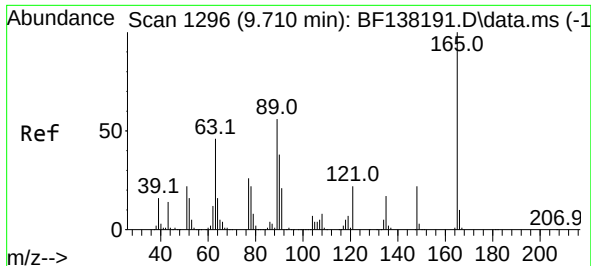
Tgt Ion:330 Resp: 374589
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 54.504 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Tgt Ion:172 Resp: 1777387
Ion Ratio Lower Upper
172 100
171 36.0 30.3 45.5
170 24.3 20.6 30.8

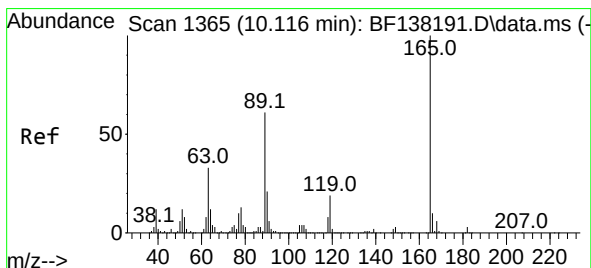
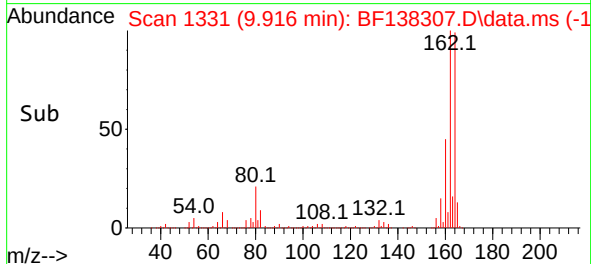
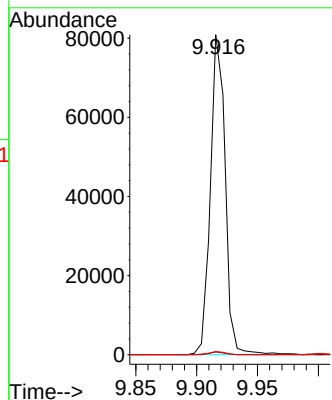
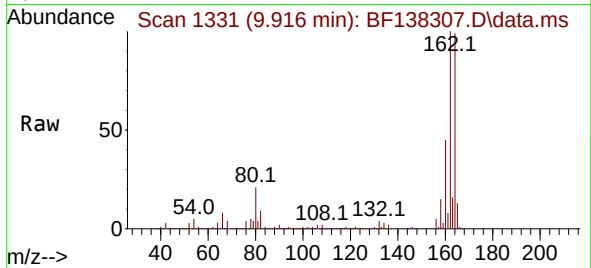




#51
2,6-Dinitrotoluene
Concen: 9.938 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

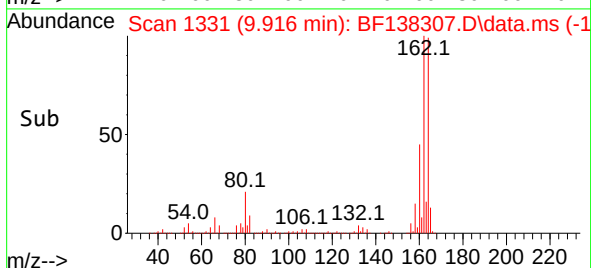
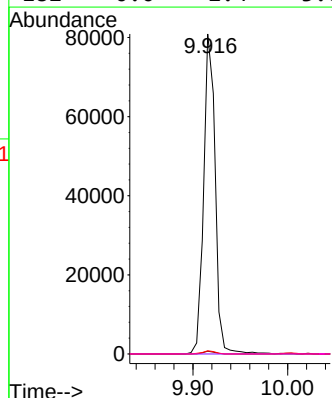
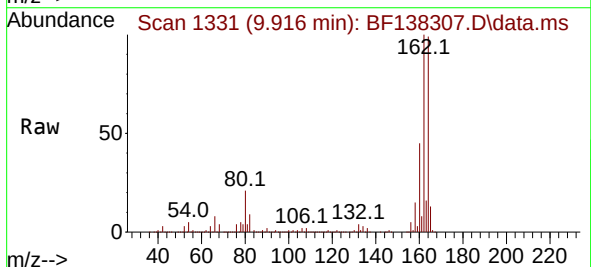
Instrument :
BNA_F
ClientSampleId :
OSTL-D2

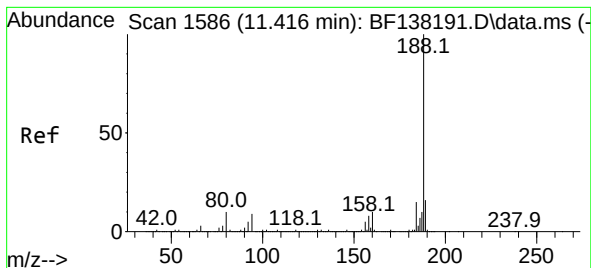
Tgt Ion:165 Resp: 68503
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.076 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Tgt Ion:165 Resp: 68654
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: BF138307.D

Acq: 24 Jun 2024 13:43

Instrument :

BNA_F

ClientSampleId :

OSTL-D2

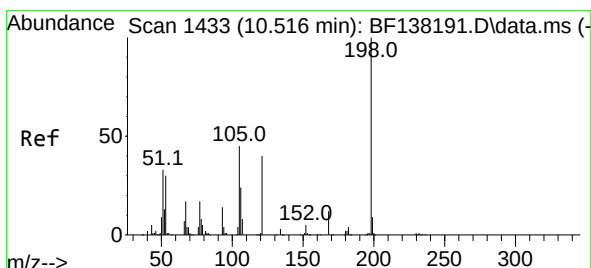
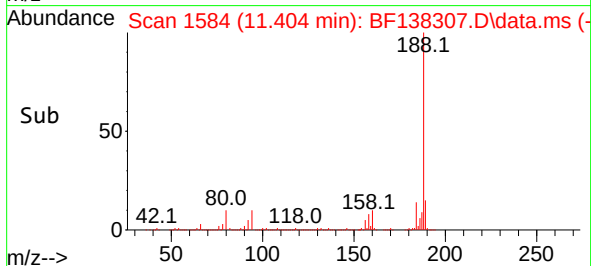
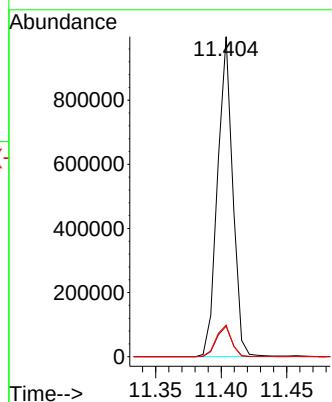
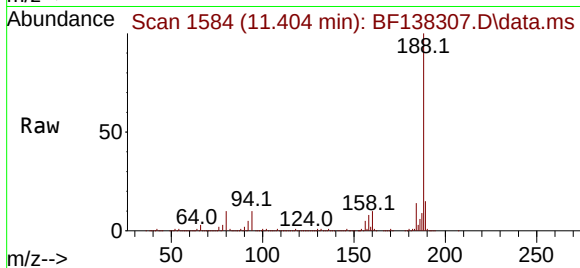
Tgt Ion:188 Resp: 801977

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 9.9 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.085 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138307.D

Acq: 24 Jun 2024 13:43

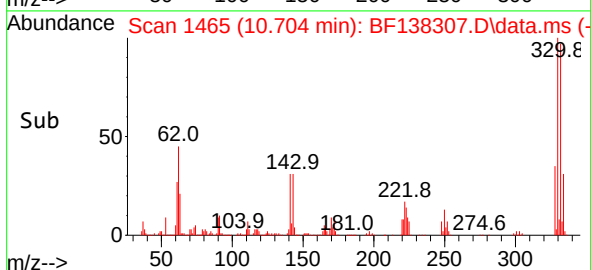
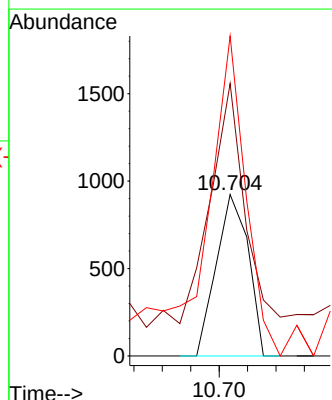
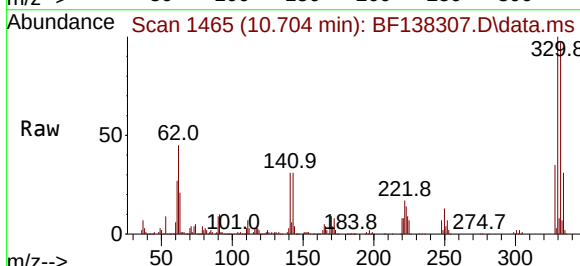
Tgt Ion:198 Resp: 722

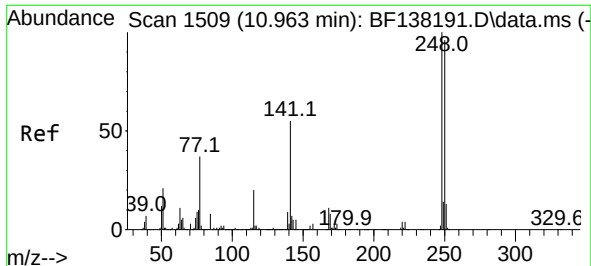
Ion Ratio Lower Upper

198 100

51 168.8 26.9 66.9#

105 198.3 26.0 66.0#

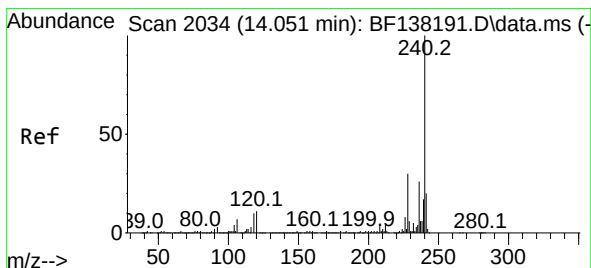
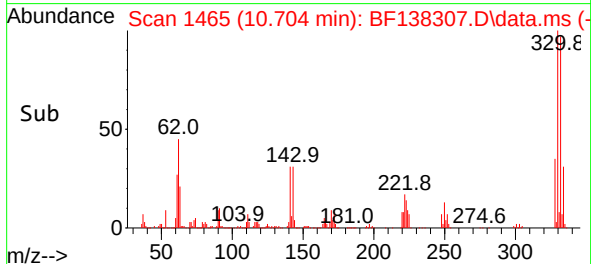
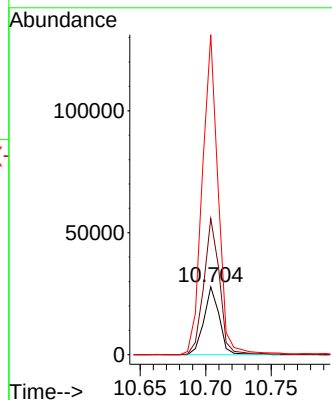
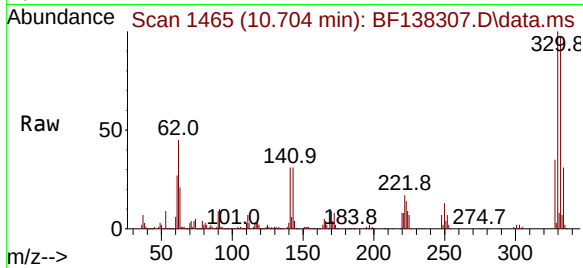




#67
4-Bromophenyl-phenylether
Concen: 2.516 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

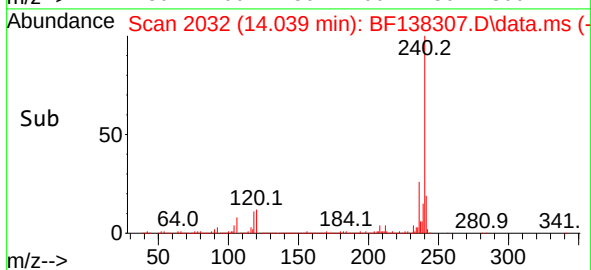
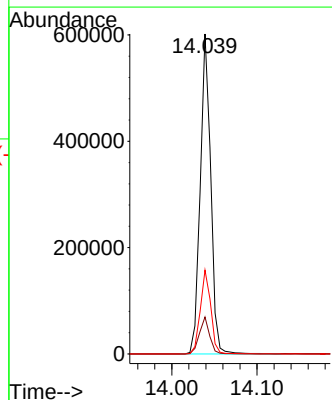
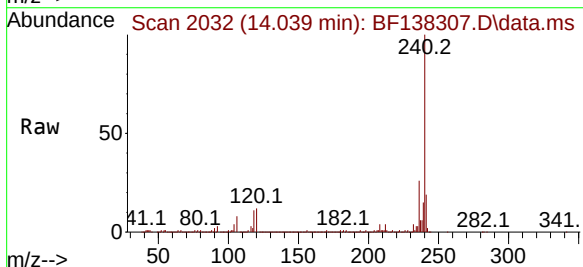
Instrument :
BNA_F
ClientSampleId :
OSTL-D2

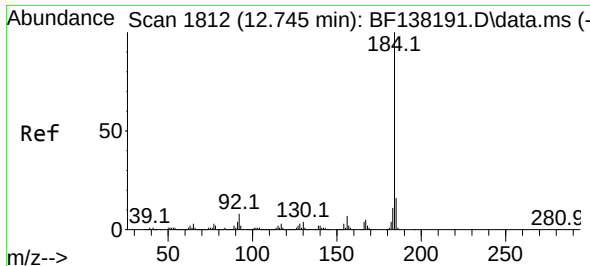
Tgt Ion:248 Resp: 22734
Ion Ratio Lower Upper
248 100
250 201.0 77.2 115.8#
141 472.2 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Tgt Ion:240 Resp: 513955
Ion Ratio Lower Upper
240 100
120 11.6 9.2 13.8
236 26.2 21.0 31.6

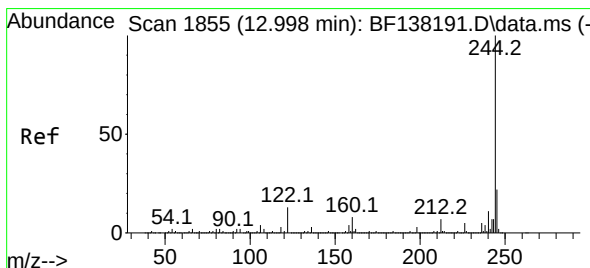
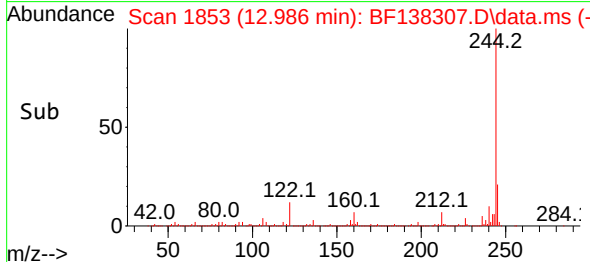
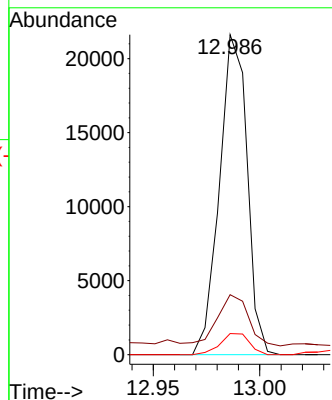
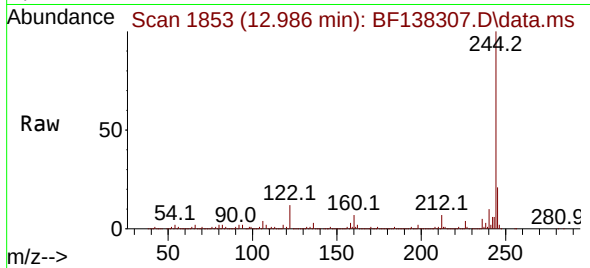




#77
Benzidine
Concen: 3.288 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.241 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

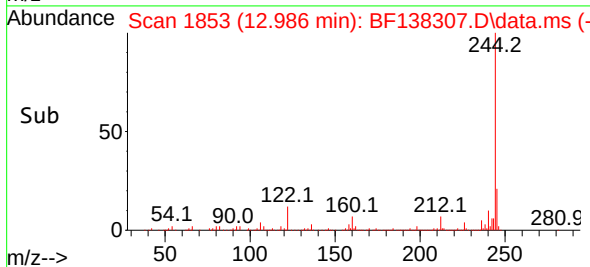
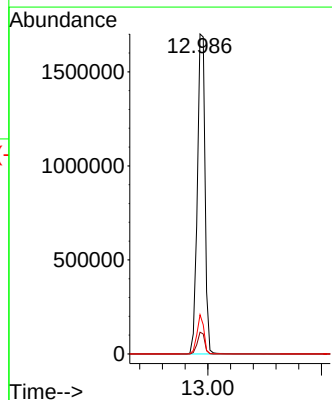
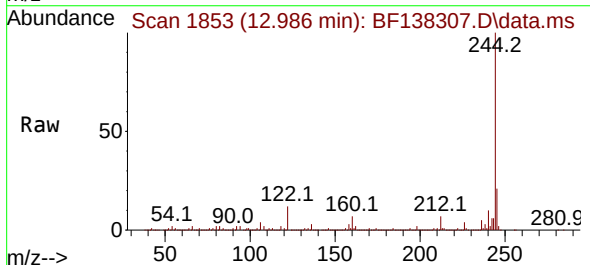
Instrument :
BNA_F
ClientSampleId :
OSTL-D2

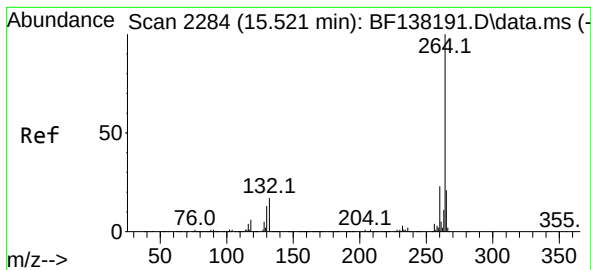
Tgt Ion:184 Resp: 19549
Ion Ratio Lower Upper
184 100
185 18.8 12.6 19.0
183 6.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 49.558 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138307.D
Acq: 24 Jun 2024 13:43

Tgt Ion:244 Resp: 1608157
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.3 10.6 15.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138307.D

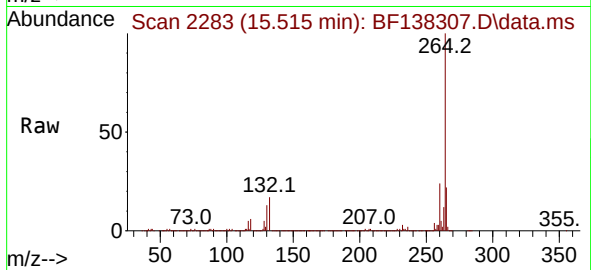
Acq: 24 Jun 2024 13:43

Instrument :

BNA_F

ClientSampleId :

OSTL-D2



Tgt Ion:264 Resp: 605775

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.8 17.0 25.6

