

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138293.D
 Acq On : 21 Jun 2024 19:04
 Operator : CG\JU
 Sample : P2977-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C5

Quant Time: Jun 21 23:01:52 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)

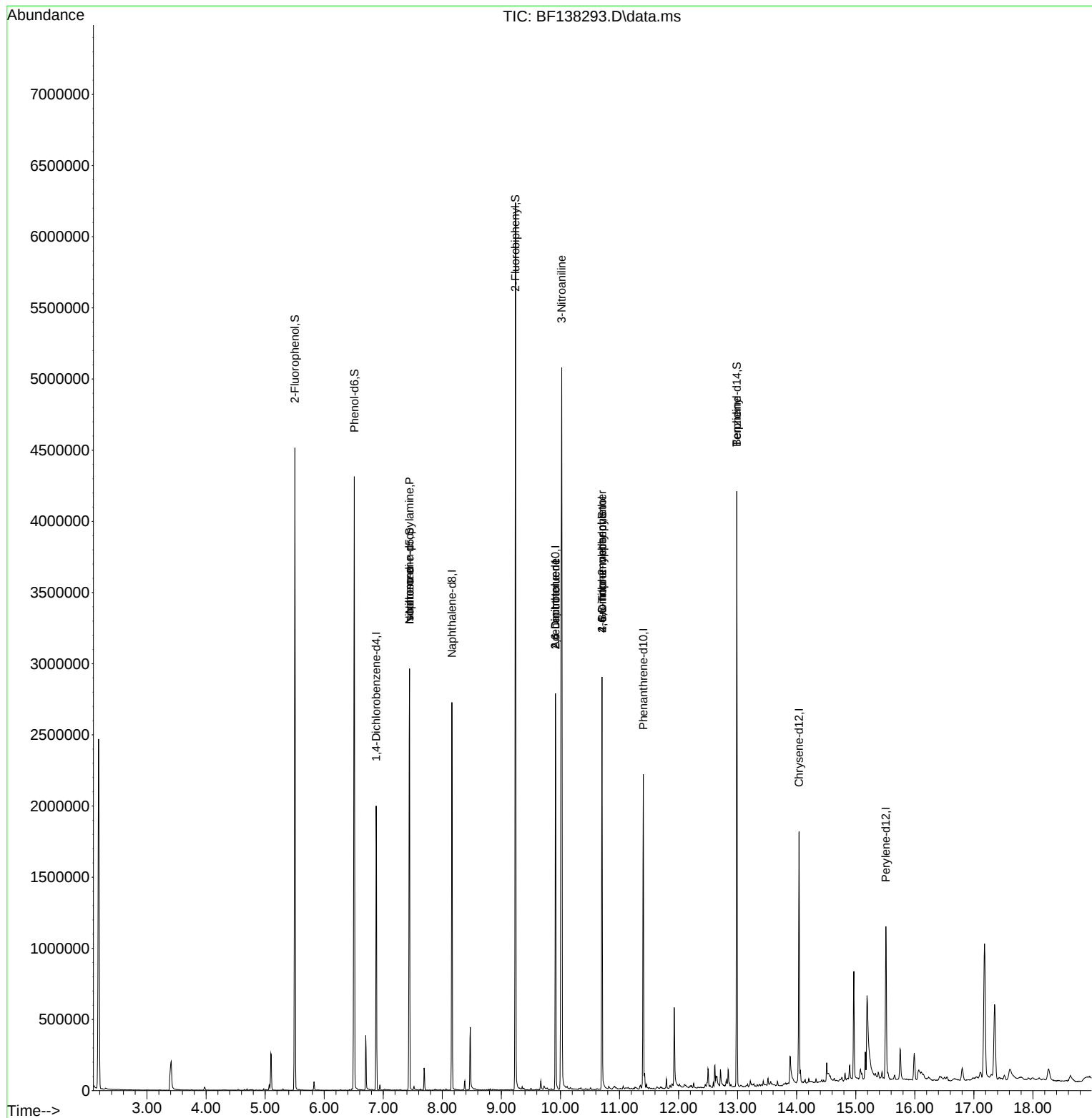
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	292089	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1118663	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	561386	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	752583	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	537549	20.000	ng	-0.01
86) Perylene-d12	15.509	264	512502	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1236467	70.814	ng	0.00
7) Phenol-d6	6.510	99	1516163	68.478	ng	-0.01
23) Nitrobenzene-d5	7.445	82	918143	47.781	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	330839	59.198	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1751490	49.612	ng	-0.01
79) Terphenyl-d14	12.986	244	1337329	39.403	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	120644	9.192	ng	# 76
25) Isophorone	7.445	82	916489	26.368	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	72610	9.731	ng	# 25
53) 3-Nitroaniline	10.022	138	51730	6.489	ng	# 3
57) 2,4-Dinitrotoluene	9.916	165	72657	7.894	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	677	7.085	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	20462	2.413	ng	# 1
77) Benzidine	12.986	184	16370	2.633	ng	# 94

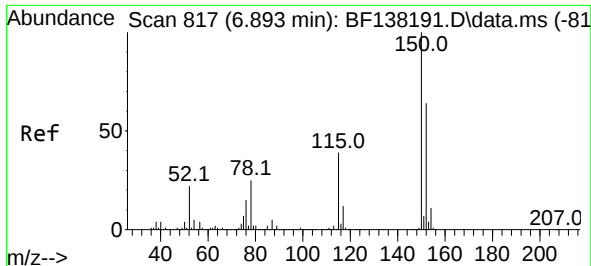
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138293.D
Acq On : 21 Jun 2024 19:04
Operator : CG\JU
Sample : P2977-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-C5

Quant Time: Jun 21 23:01:52 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

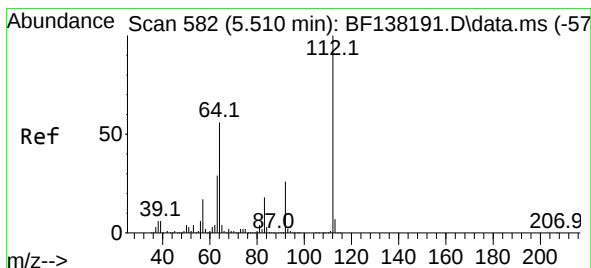
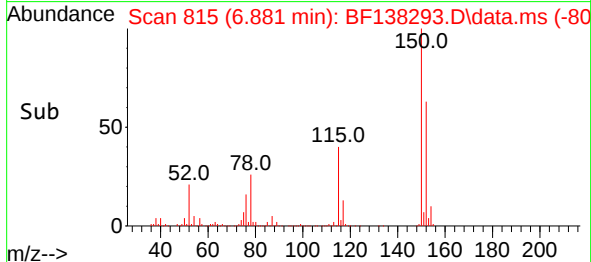
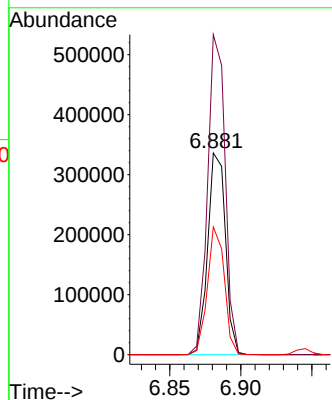
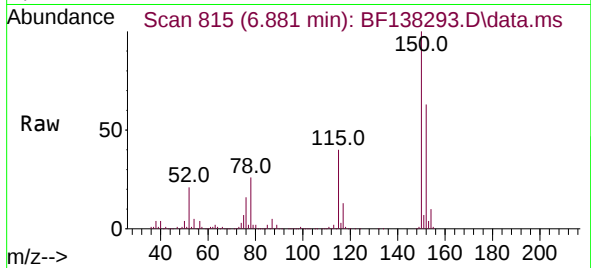




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

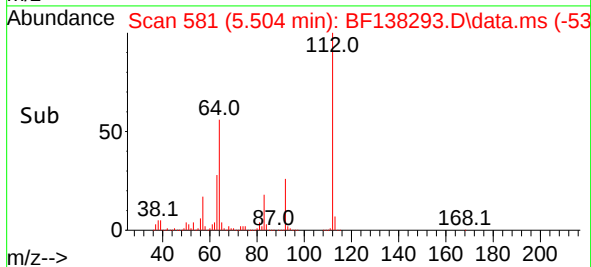
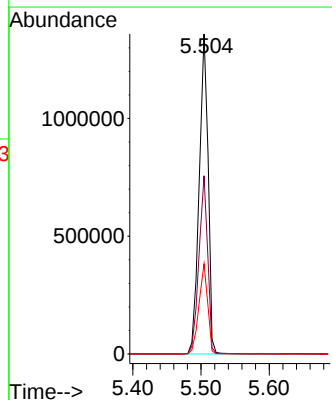
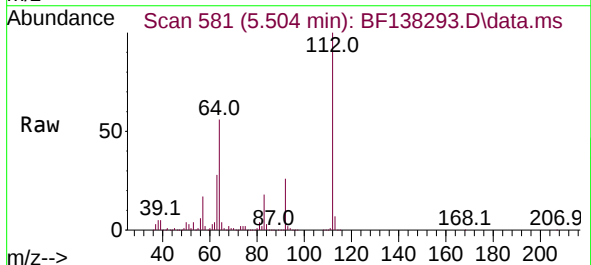
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

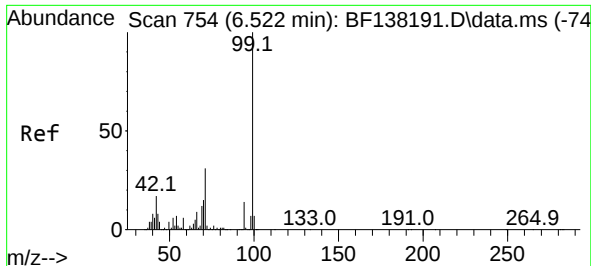
Tgt Ion:152 Resp: 292089
Ion Ratio Lower Upper
152 100
150 158.6 125.0 187.4
115 63.3 48.4 72.6



#5
2-Fluorophenol
Concen: 70.814 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion:112 Resp: 1236467
Ion Ratio Lower Upper
112 100
64 55.7 45.2 67.8
63 28.2 22.9 34.3

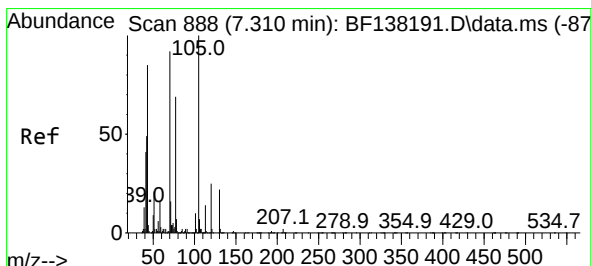
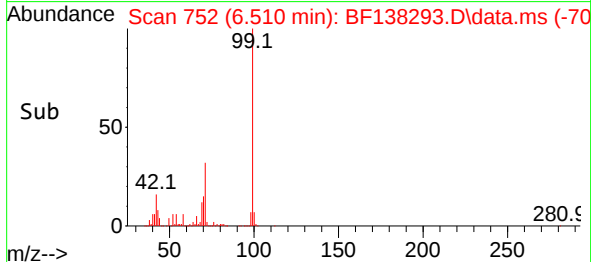
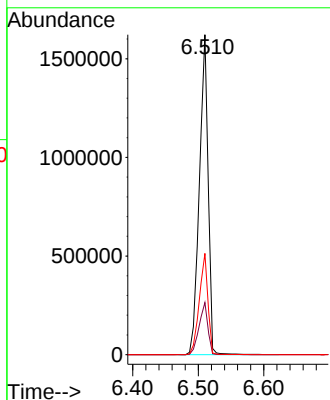
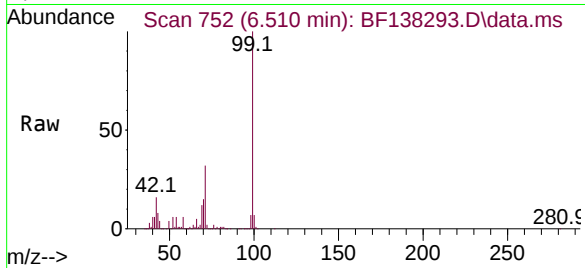




#7
Phenol-d6
Concen: 68.478 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

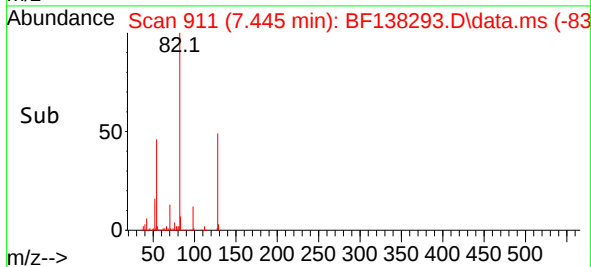
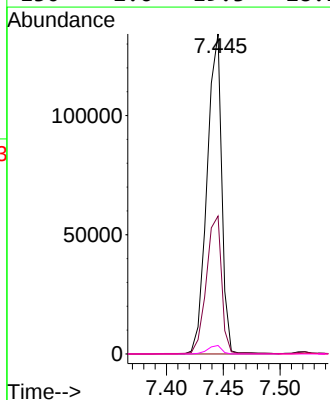
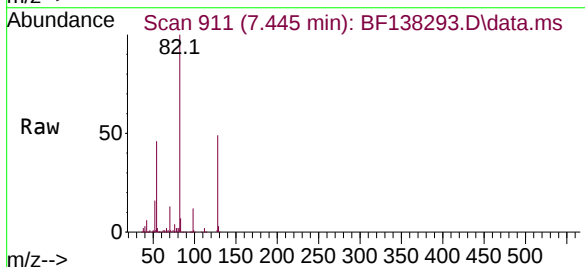
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

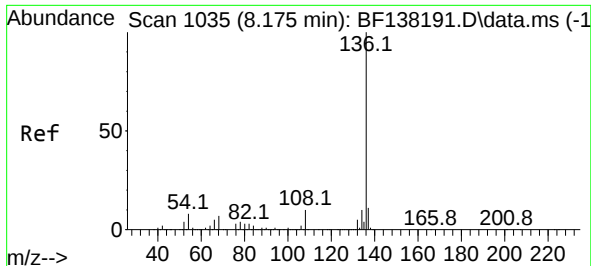
Tgt Ion: 99 Resp: 1516163
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 31.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.192 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion: 70 Resp: 120644
Ion Ratio Lower Upper
70 100
42 43.1 42.8 64.2
101 0.0 8.4 12.6#
130 2.6 19.3 28.9#

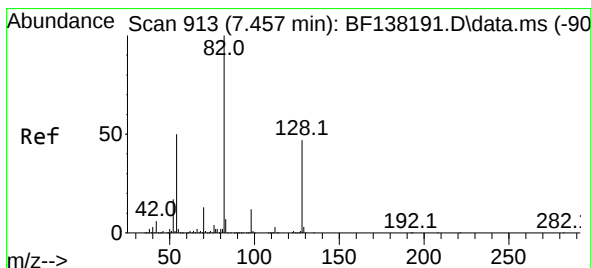
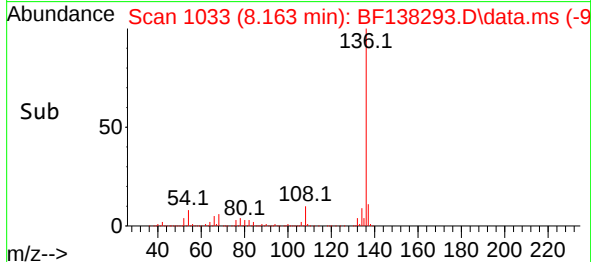
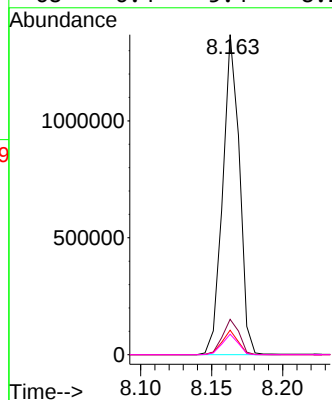
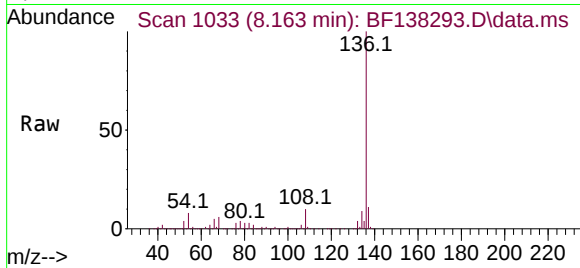




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

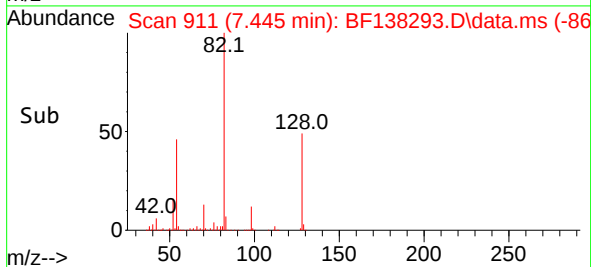
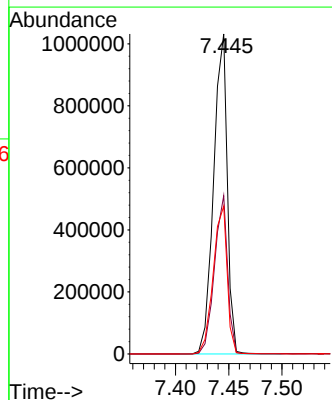
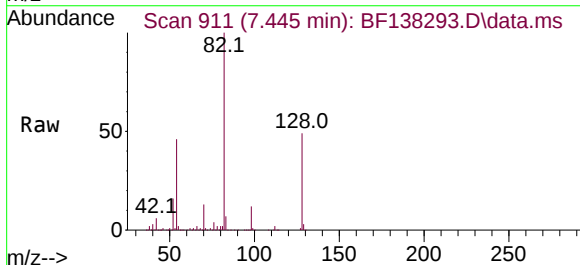
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

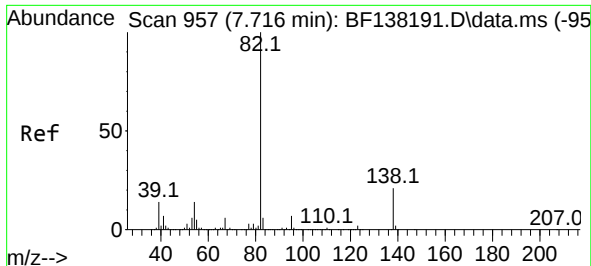
Tgt Ion:136 Resp: 1118663
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.7 6.6 10.0
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 47.781 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion: 82 Resp: 918143
Ion Ratio Lower Upper
82 100
128 49.4 37.2 55.8
54 46.2 39.8 59.6

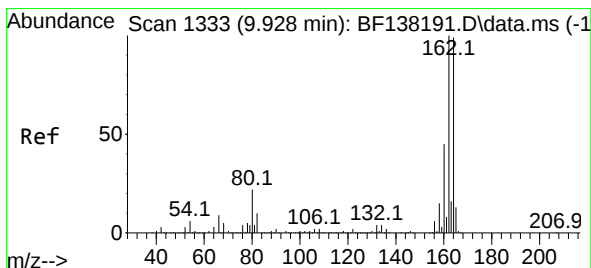
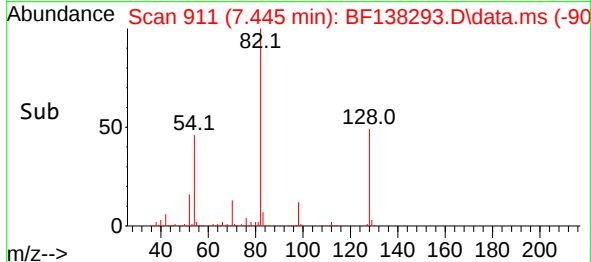
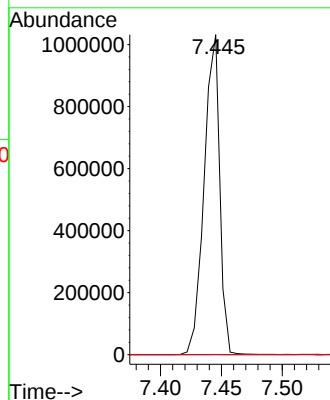
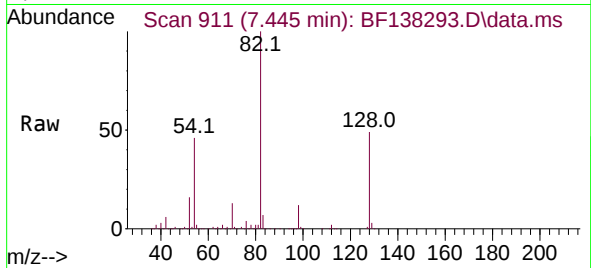




#25
Isophorone
Concen: 26.368 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

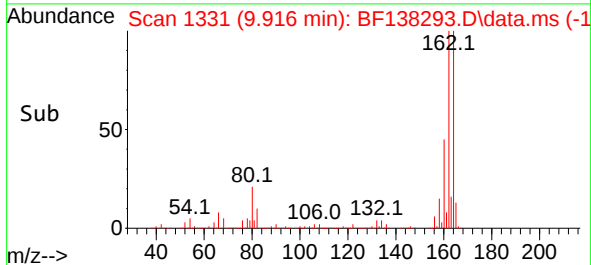
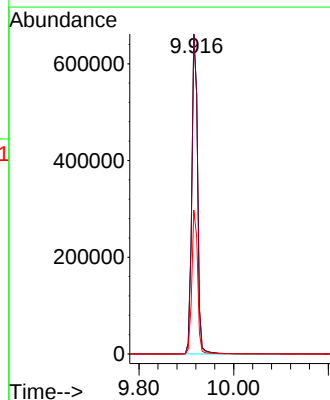
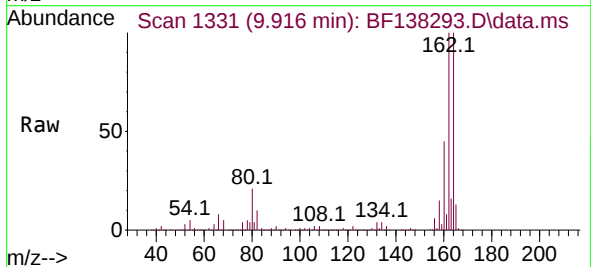
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

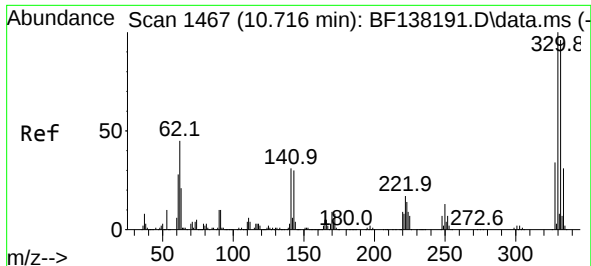
Tgt Ion: 82 Resp: 916489
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion: 164 Resp: 561386
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 45.0 36.3 54.5

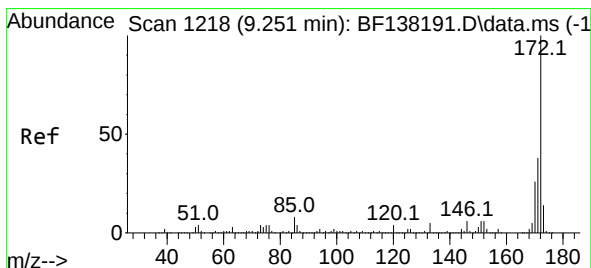
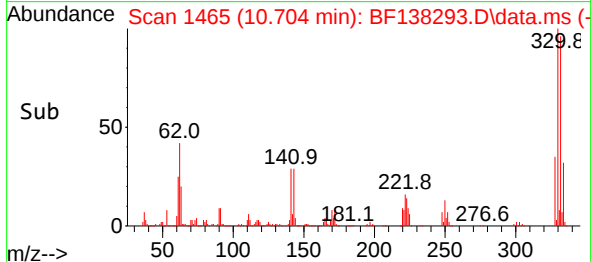
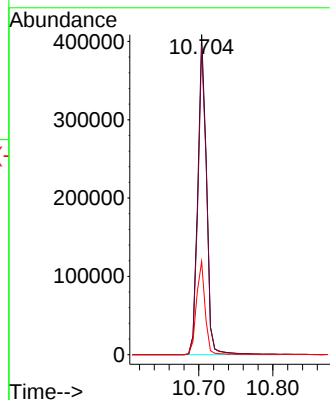
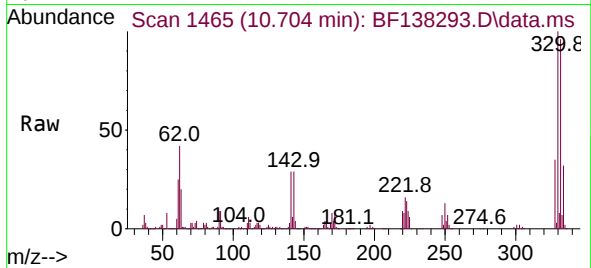




#42
2,4,6-Tribromophenol
Concen: 59.198 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

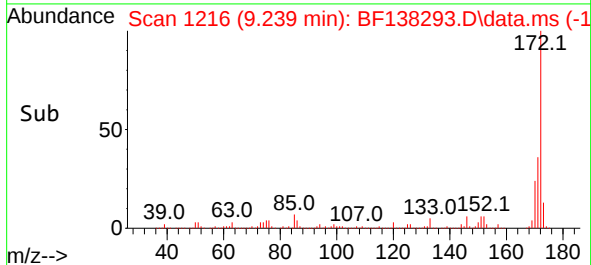
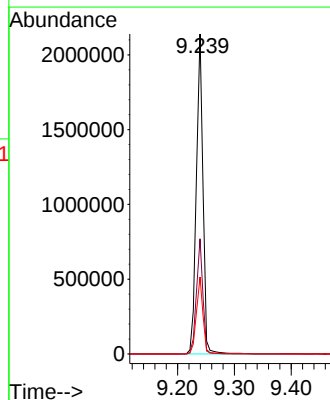
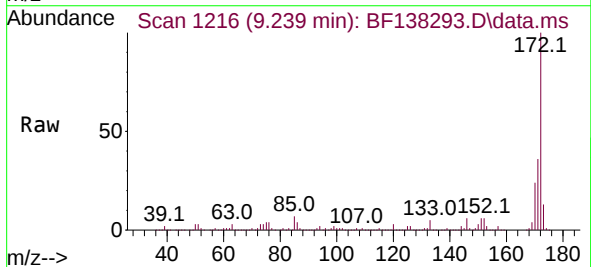
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

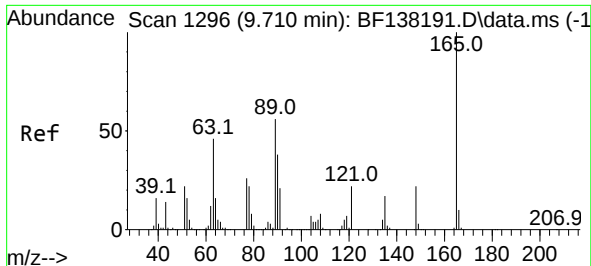
Tgt Ion:330 Resp: 330839
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 29.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 49.612 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion:172 Resp: 1751490
Ion Ratio Lower Upper
172 100
171 36.0 30.3 45.5
170 24.1 20.6 30.8

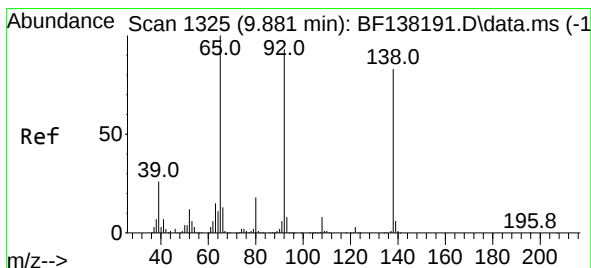
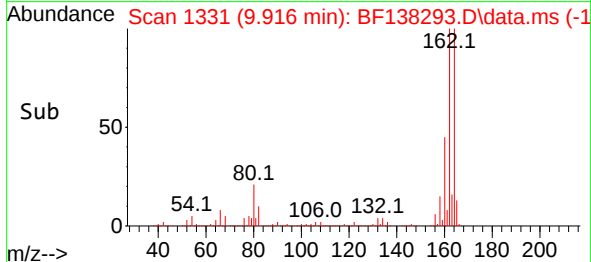
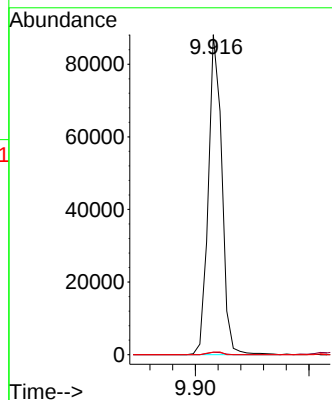
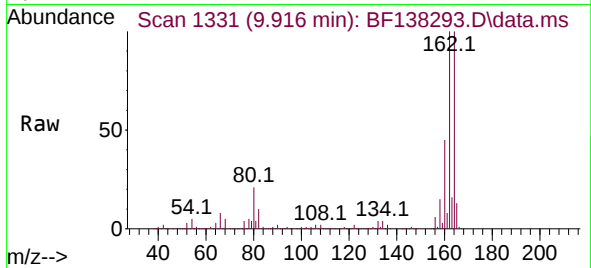




#51
2,6-Dinitrotoluene
Concen: 9.731 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

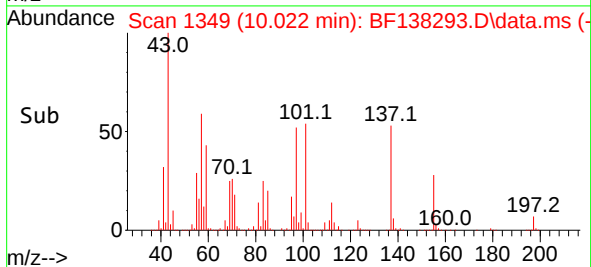
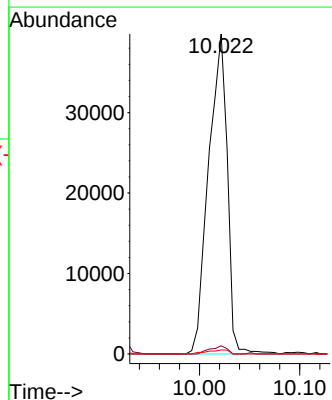
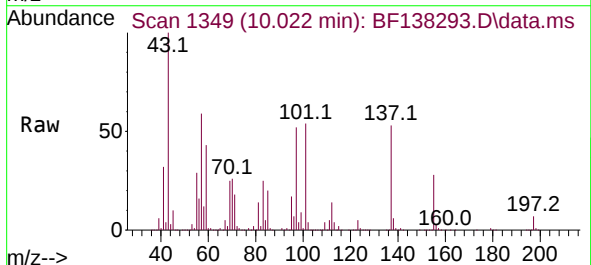
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

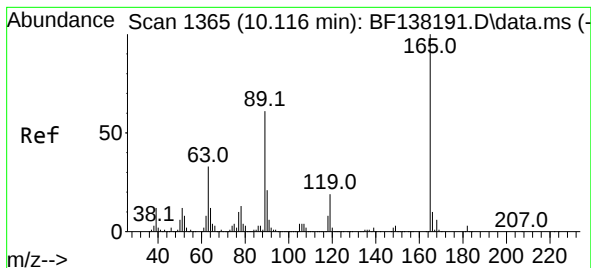
Tgt Ion:165 Resp: 72610
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 0.8 44.9 67.3#



#53
3-Nitroaniline
Concen: 6.489 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.141 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion:138 Resp: 51730
Ion Ratio Lower Upper
138 100
108 2.6 8.2 12.2#
92 1.3 90.0 135.0#

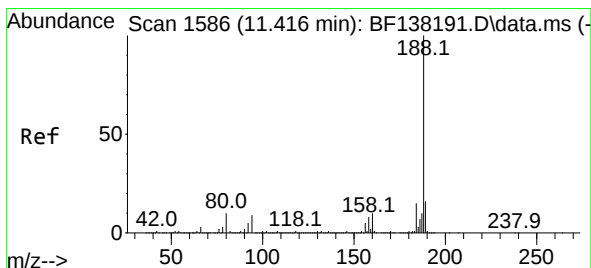
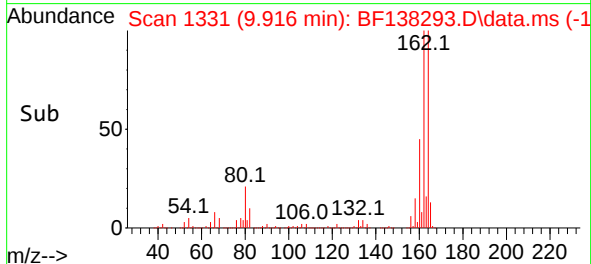
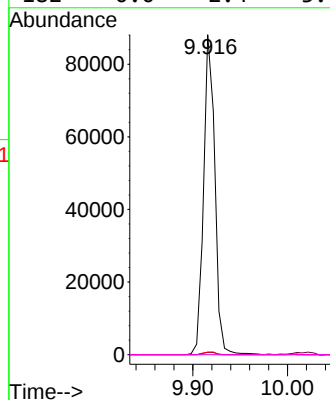
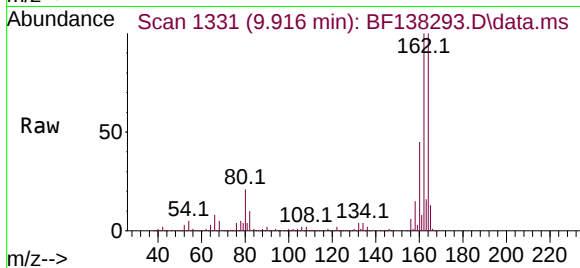




#57
2,4-Dinitrotoluene
Concen: 7.894 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

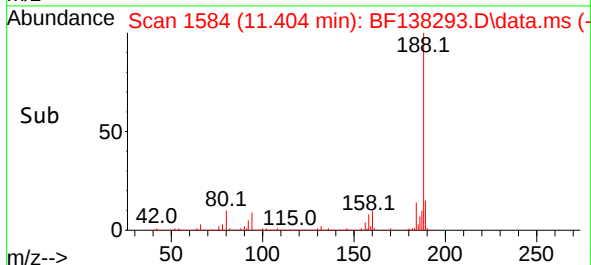
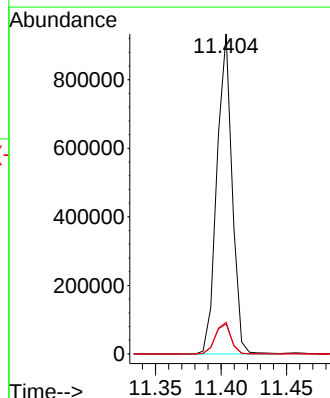
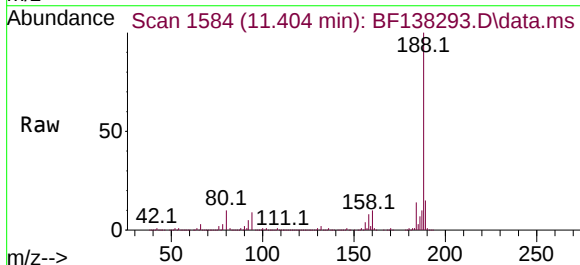
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

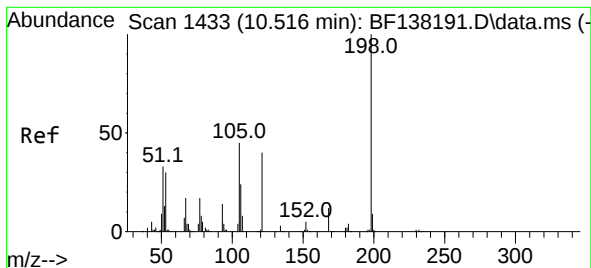
Tgt Ion:165 Resp: 72657
Ion Ratio Lower Upper
165 100
63 0.7 26.6 39.8#
89 0.8 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion:188 Resp: 752583
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.9 8.1 12.1

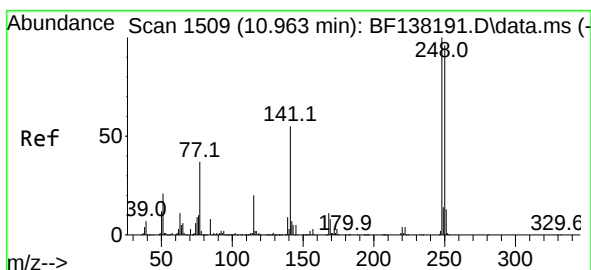
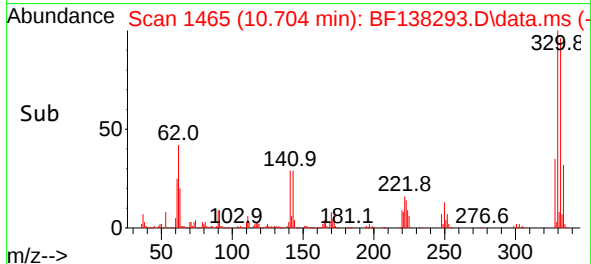
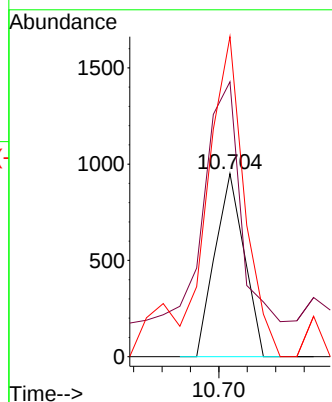
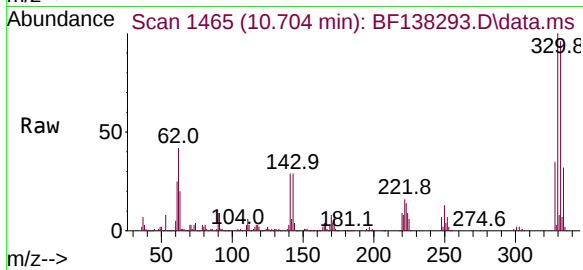




#65
4,6-Dinitro-2-methylphenol
Concen: 7.085 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

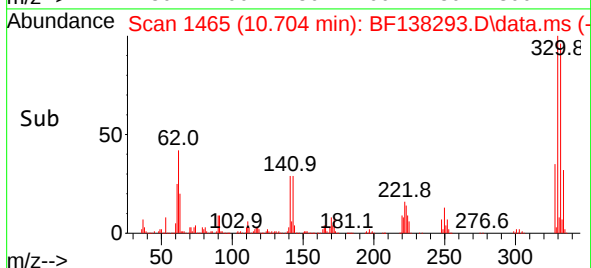
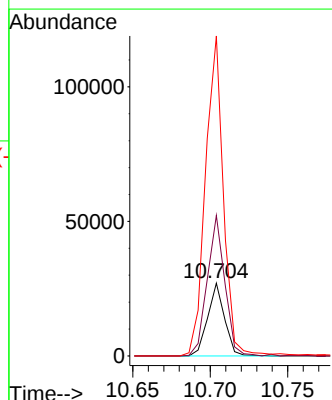
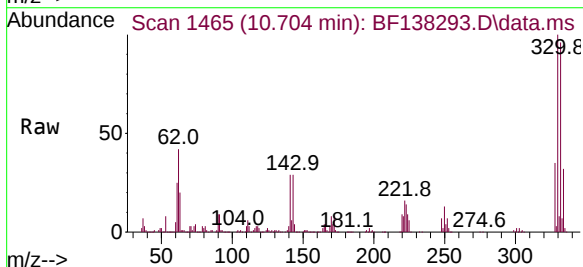
Instrument :
BNA_F
ClientSampleId :
OSTL-C5

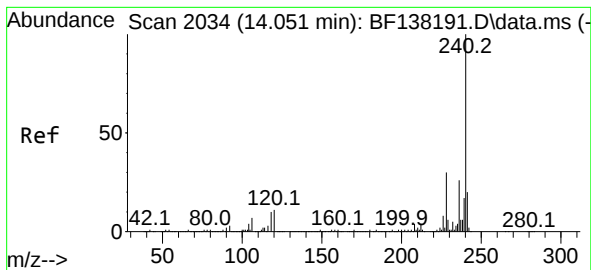
Tgt Ion:198 Resp: 677
Ion Ratio Lower Upper
198 100
51 150.2 26.9 66.9#
105 174.8 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 2.413 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138293.D
Acq: 21 Jun 2024 19:04

Tgt Ion:248 Resp: 20462
Ion Ratio Lower Upper
248 100
250 193.1 77.2 115.8#
141 439.5 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: BF138293.D

Acq: 21 Jun 2024 19:04

Instrument :

BNA_F

ClientSampleId :

OSTL-C5

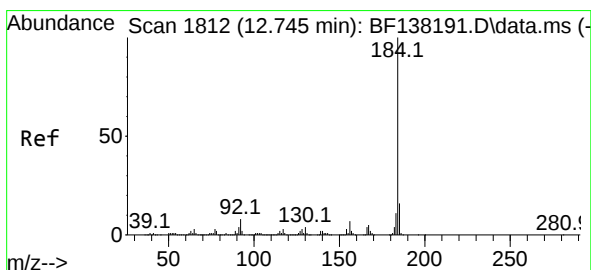
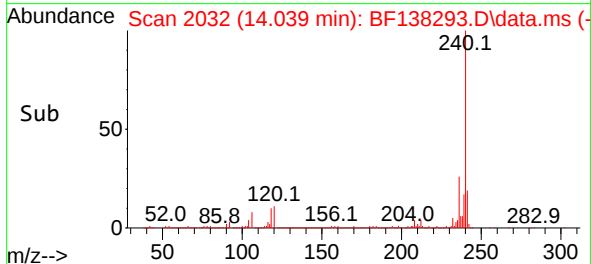
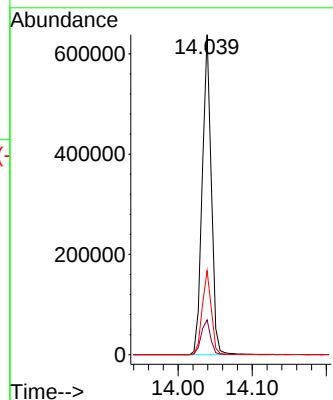
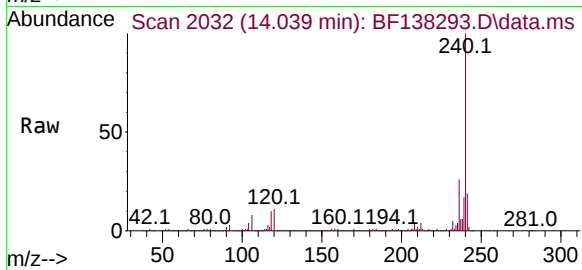
Tgt Ion:240 Resp: 537549

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

236 26.3 21.0 31.6



#77

Benzidine

Concen: 2.633 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138293.D

Acq: 21 Jun 2024 19:04

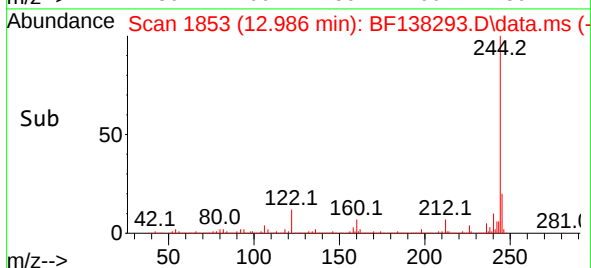
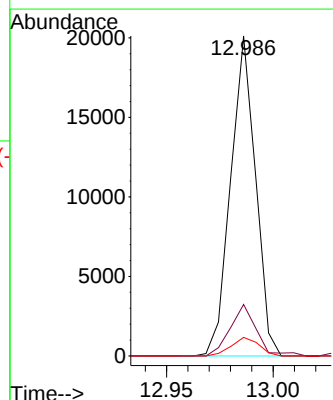
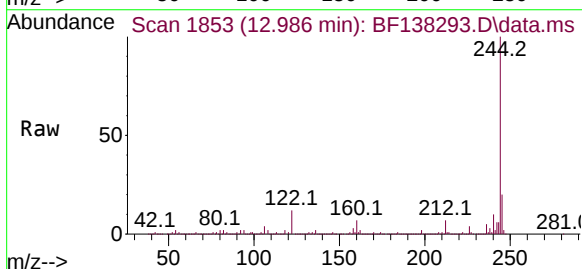
Tgt Ion:184 Resp: 16370

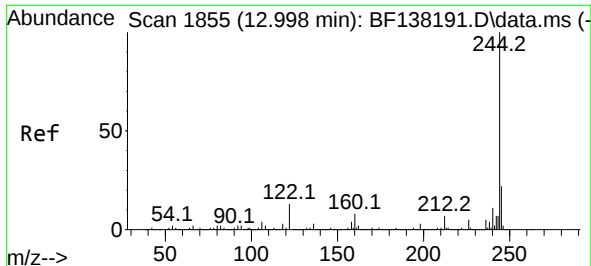
Ion Ratio Lower Upper

184 100

185 16.1 12.6 19.0

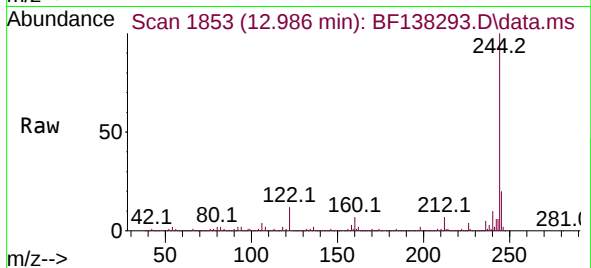
183 5.8 9.0 13.6



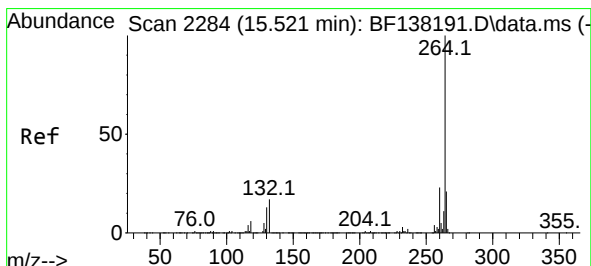
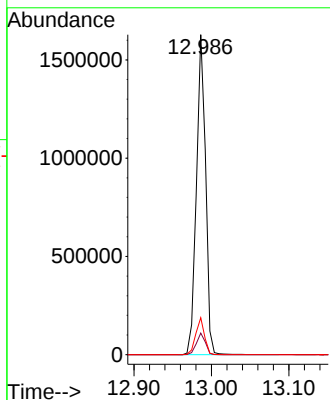
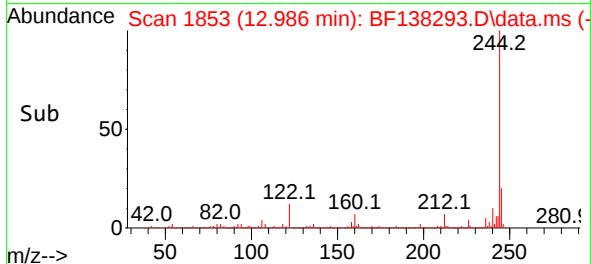


#79
 Terphenyl-d14
 Concen: 39.403 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138293.D
 Acq: 21 Jun 2024 19:04

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C5



Tgt Ion:244 Resp: 1337329
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 11.6 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138293.D
 Acq: 21 Jun 2024 19:04

Tgt Ion:264 Resp: 512502
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.1 17.0 25.6

