

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138299.D
 Acq On : 21 Jun 2024 22:08
 Operator : CG\JU
 Sample : P2977-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-D1

Quant Time: Jun 21 23:03:40 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)

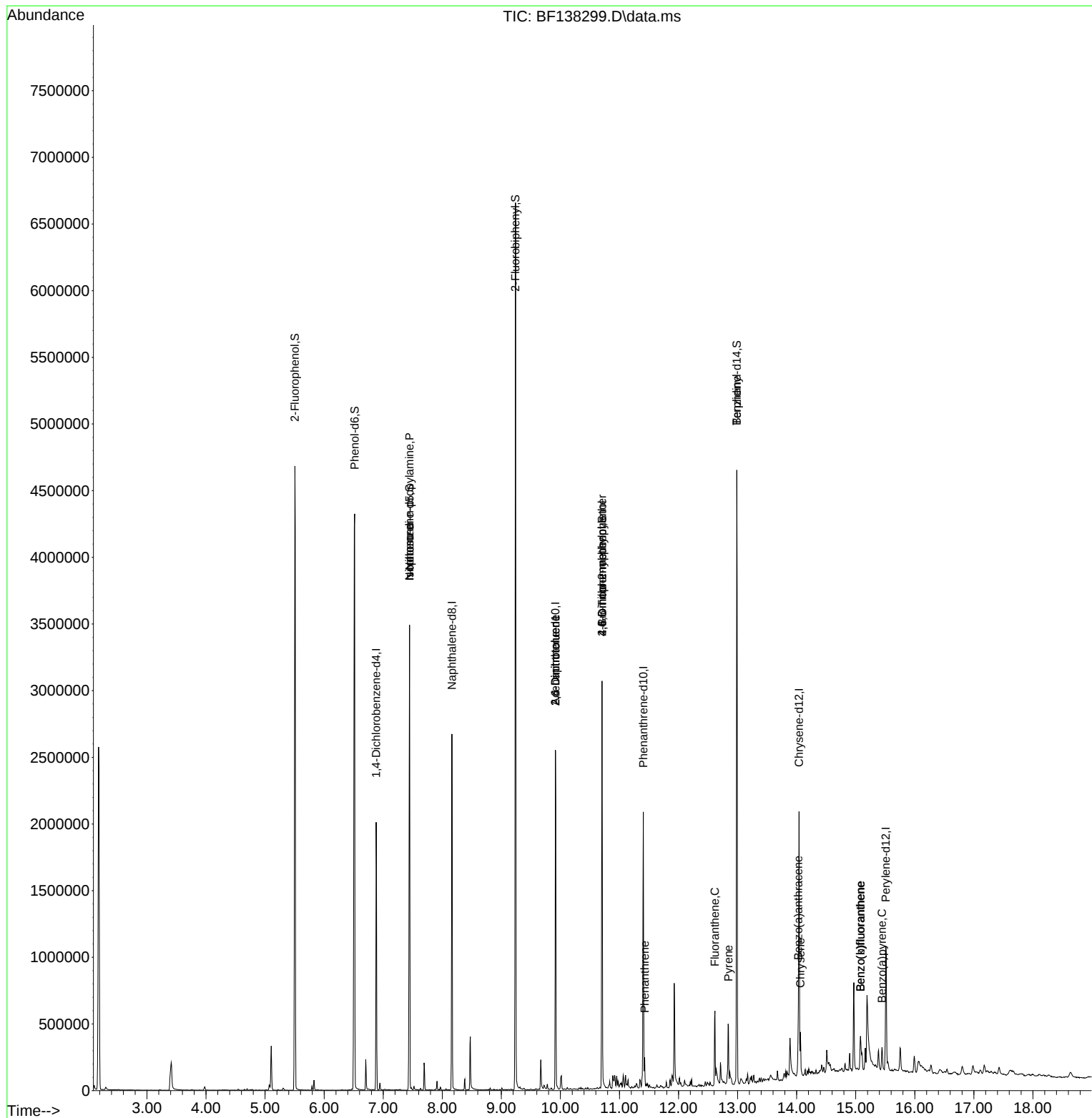
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	290969	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1085537	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	524248	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	696729	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	565977	20.000	ng	-0.01
86) Perylene-d12	15.510	264	443319	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1443092	82.966	ng	0.00
7) Phenol-d6	6.516	99	1803049	81.748	ng	0.00
23) Nitrobenzene-d5	7.445	82	1057825	56.730	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	375091	71.870	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1912365	58.006	ng	-0.01
79) Terphenyl-d14	12.986	244	1606142	44.946	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	140439	10.742	ng	# 77
25) Isophorone	7.445	82	1055175	31.285	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	68972	9.898	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	68972	8.025	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	825	7.133	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	23229	2.959	ng	# 1
71) Phenanthrene	11.428	178	72903	2.116	ng	98
75) Fluoranthene	12.616	202	219151	6.237	ng	97
77) Benzidine	12.986	184	19468	2.974	ng	# 91
78) Pyrene	12.845	202	192131	3.936	ng	98
81) Benzo(a)anthracene	14.027	228	112878	3.109	ng	94
83) Chrysene	14.063	228	121726	3.517	ng	96
88) Benzo(b)fluoranthene	15.080	252	189946	7.266	ng	98
89) Benzo(k)fluoranthene	15.080	252	189946	7.414	ng	99
90) Benzo(a)pyrene	15.445	252	80266	3.574	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138299.D
Acq On : 21 Jun 2024 22:08
Operator : CG\JU
Sample : P2977-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-D1

Quant Time: Jun 21 23:03:40 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

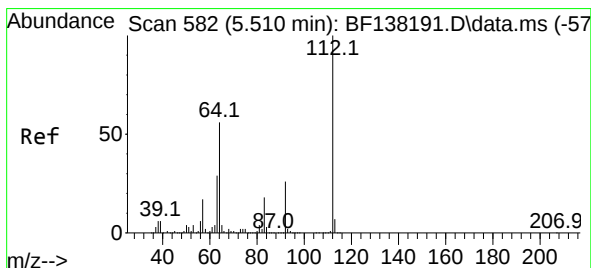
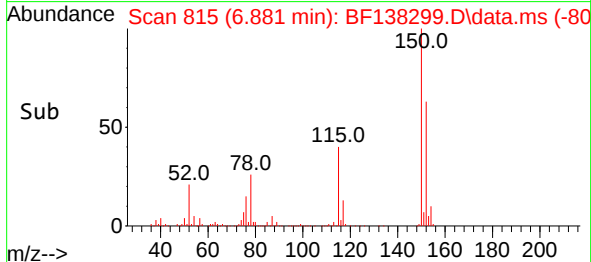
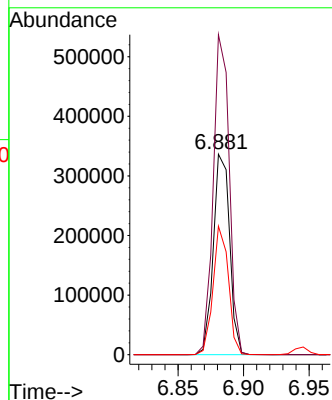
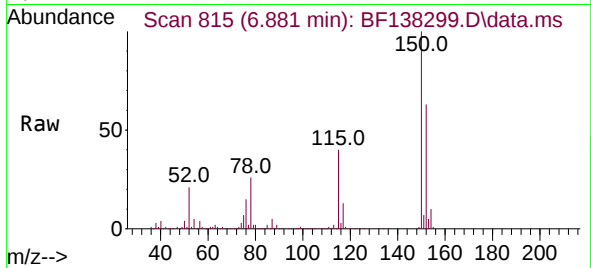




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

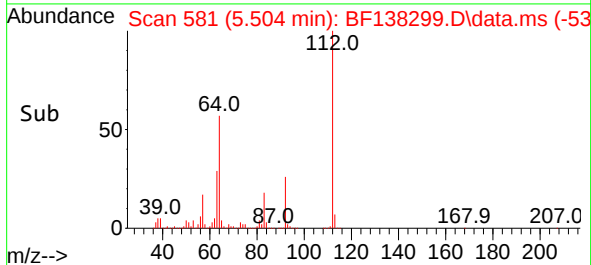
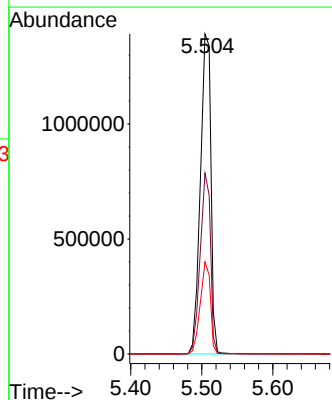
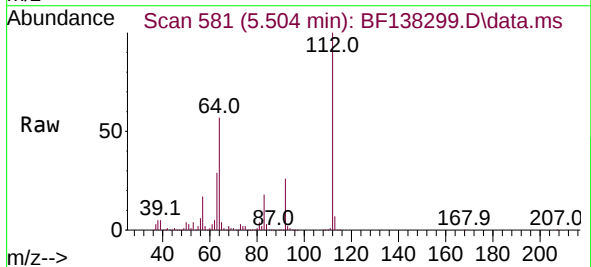
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

Tgt Ion:152 Resp: 290969
Ion Ratio Lower Upper
152 100
150 159.6 125.0 187.4
115 64.1 48.4 72.6



#5
2-Fluorophenol
Concen: 82.966 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:112 Resp: 1443092
Ion Ratio Lower Upper
112 100
64 56.5 45.2 67.8
63 28.8 22.9 34.3

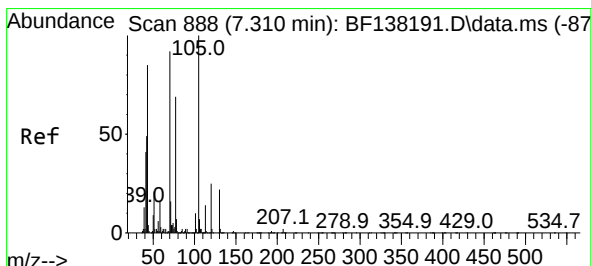
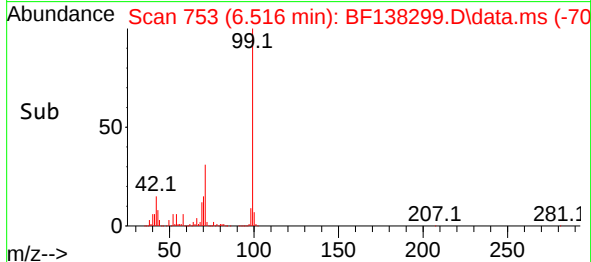
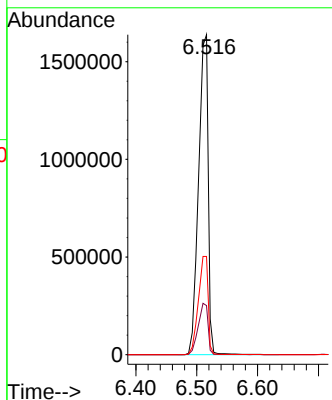
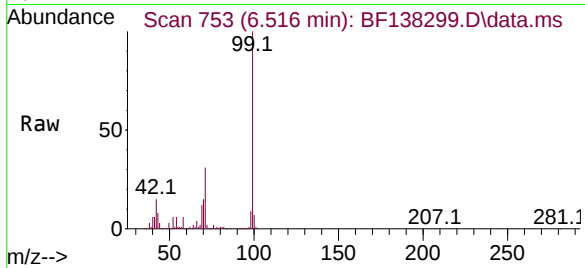




#7
Phenol-d6
Concen: 81.748 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

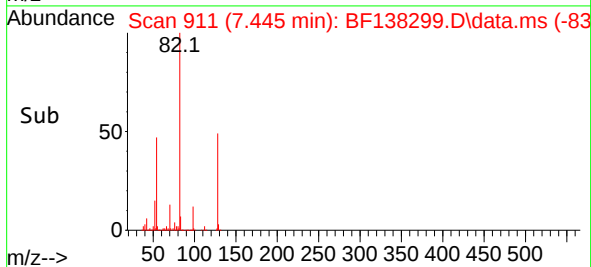
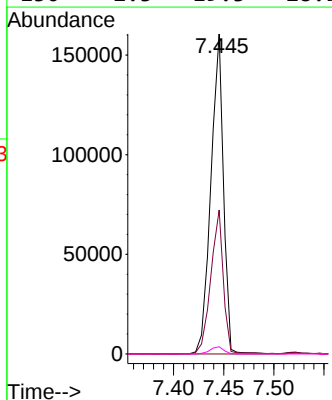
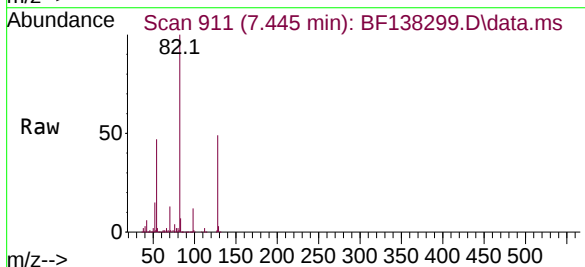
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

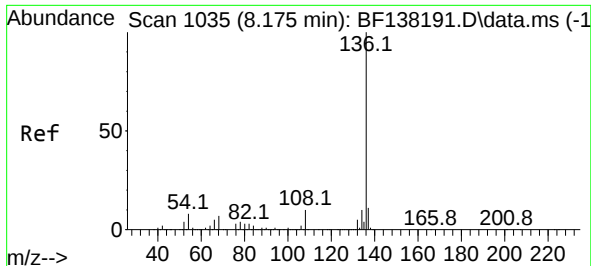
Tgt Ion: 99 Resp: 1803049
Ion Ratio Lower Upper
99 100
42 15.4 13.7 20.5
71 30.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.742 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion: 70 Resp: 140439
Ion Ratio Lower Upper
70 100
42 45.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#



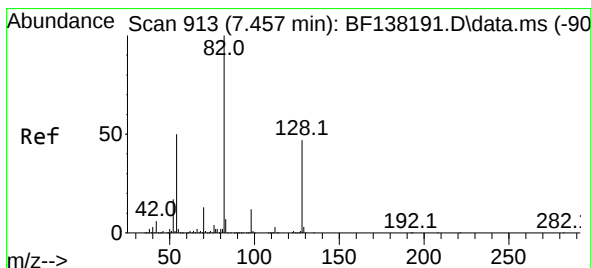
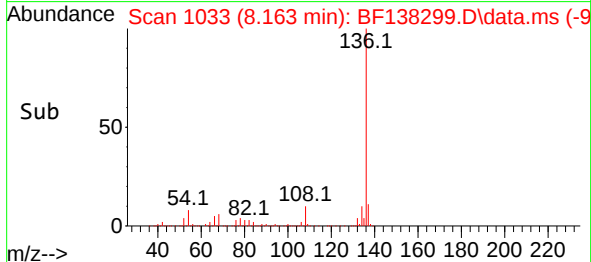
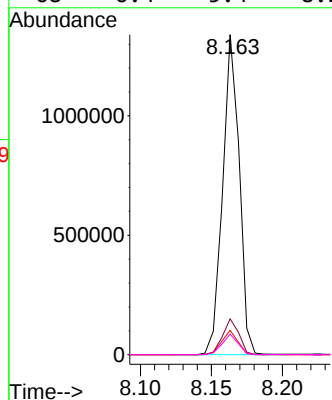
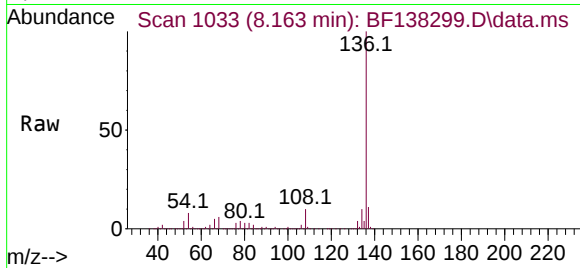


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Instrument :
BNA_F
ClientSampleId :
OSTL-D1

Tgt Ion:136 Resp: 1085537

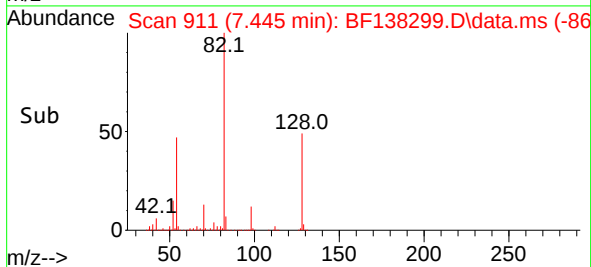
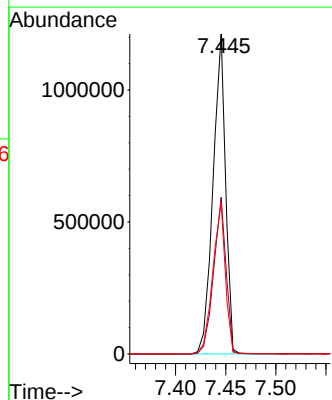
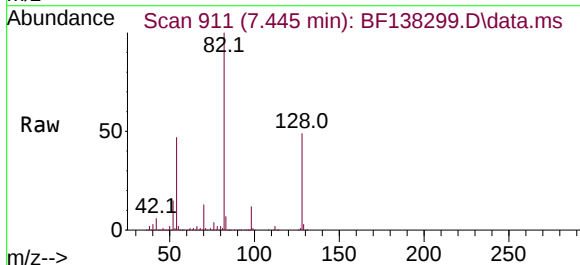
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 56.730 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion: 82 Resp: 1057825

Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.2	55.8
54	47.3	39.8	59.6

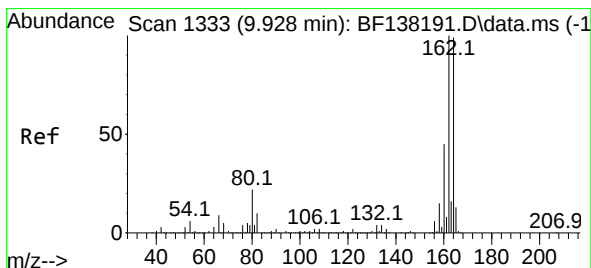
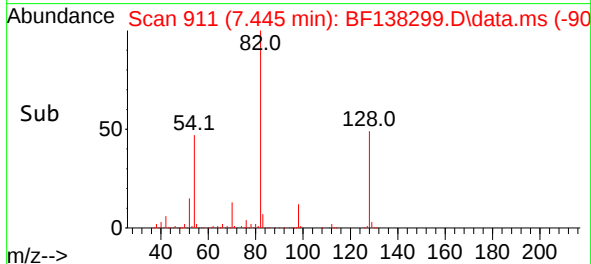
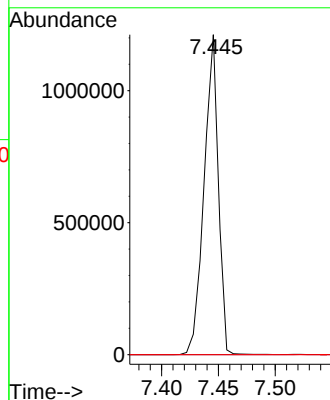
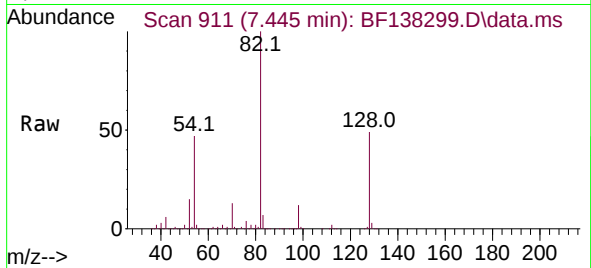




#25
Isophorone
Concen: 31.285 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

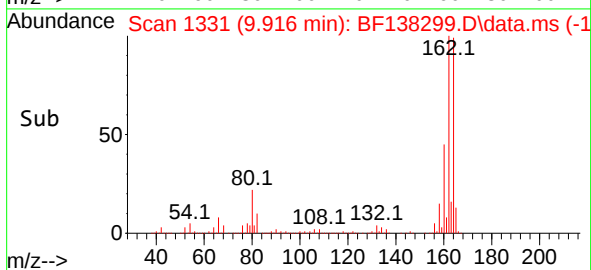
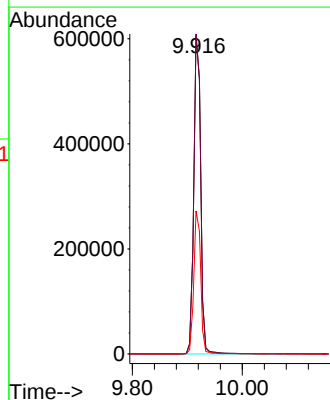
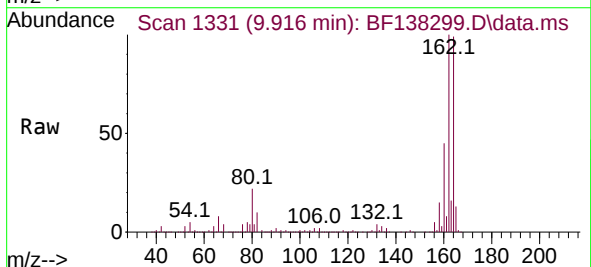
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

Tgt Ion: 82 Resp: 1055175
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: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:164 Resp: 524248
Ion Ratio Lower Upper
164 100
162 100.6 80.6 121.0
160 45.0 36.3 54.5

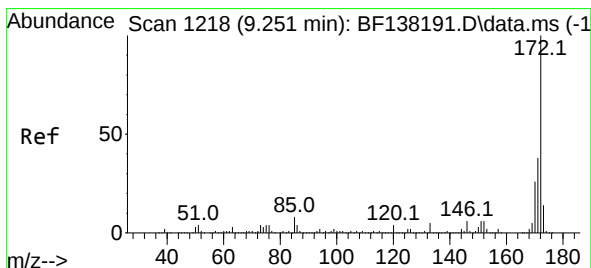
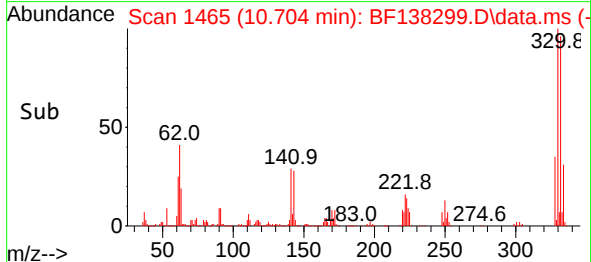
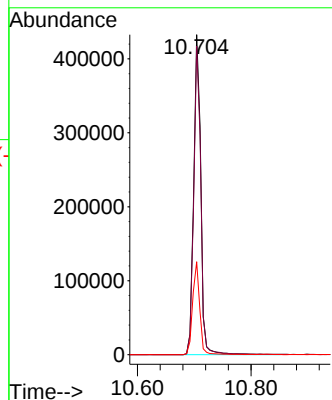
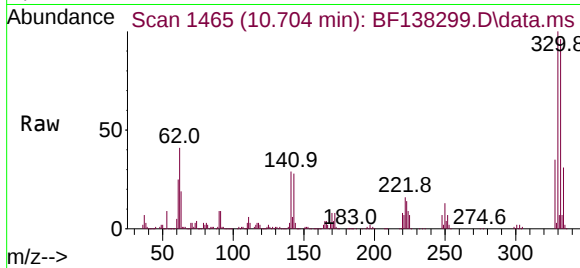




#42
2,4,6-Tribromophenol
Concen: 71.870 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

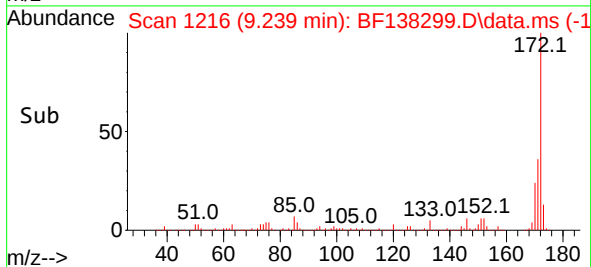
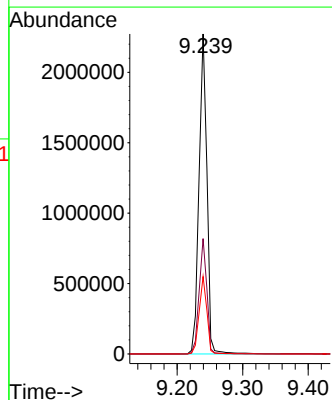
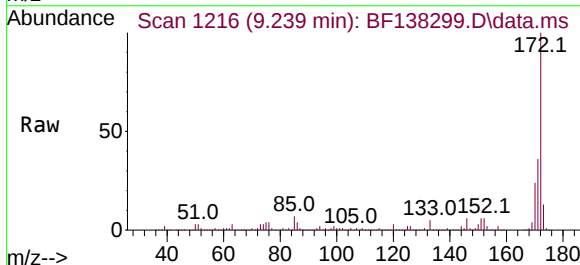
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

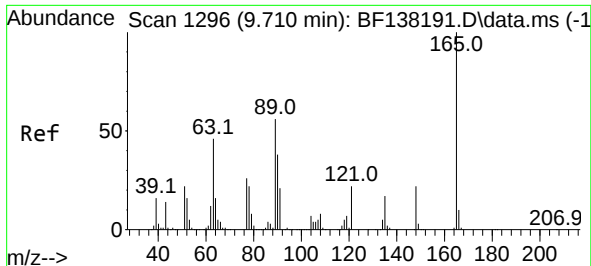
Tgt Ion:330 Resp: 375091
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 29.0 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 58.006 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:172 Resp: 1912365
Ion Ratio Lower Upper
172 100
171 36.0 30.3 45.5
170 24.2 20.6 30.8

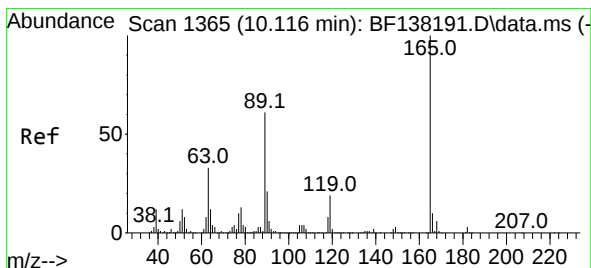
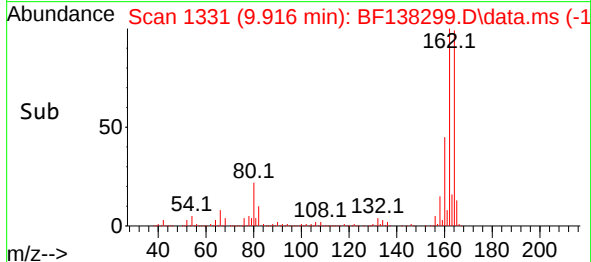
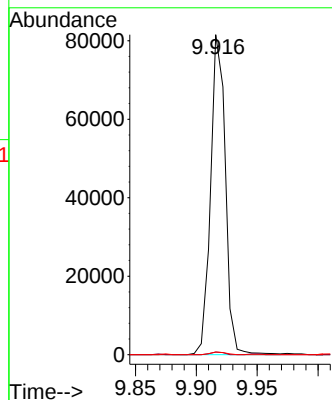
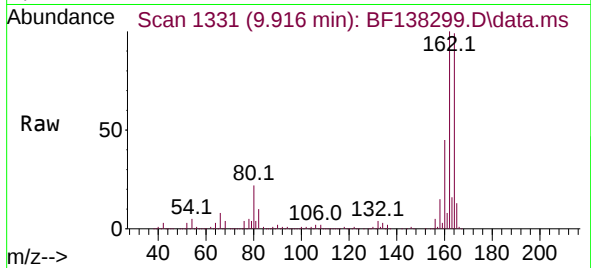




#51
2,6-Dinitrotoluene
Concen: 9.898 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

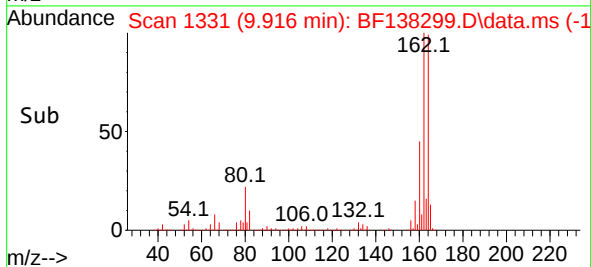
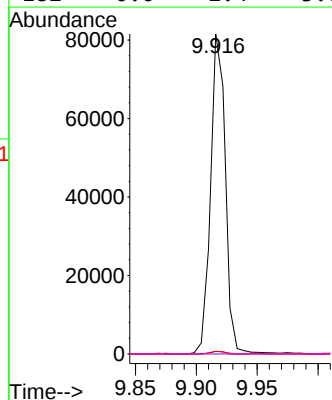
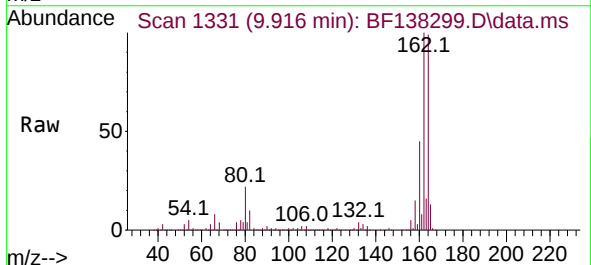
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

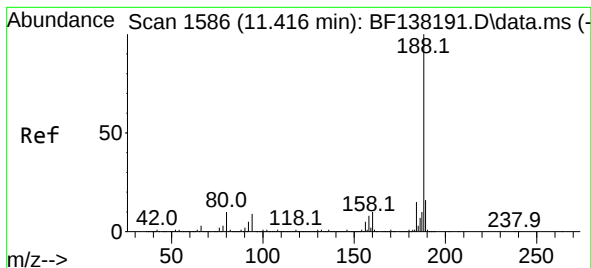
Tgt Ion:165 Resp: 68972
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.025 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:165 Resp: 68972
Ion Ratio Lower Upper
165 100
63 0.8 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: BF138299.D

Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

ClientSampleId :

OSTL-D1

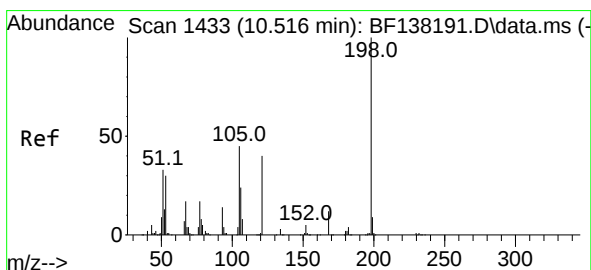
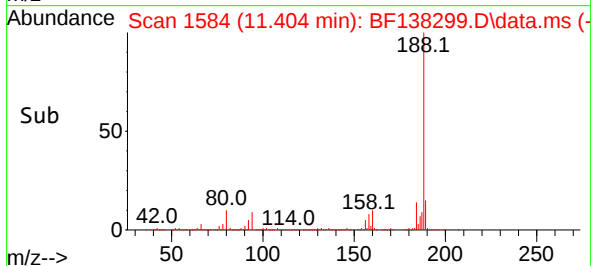
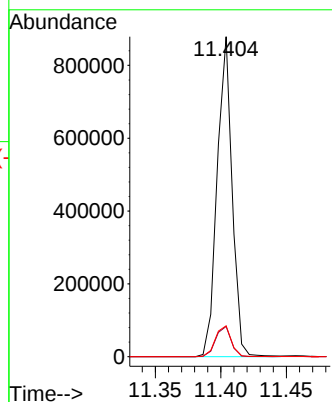
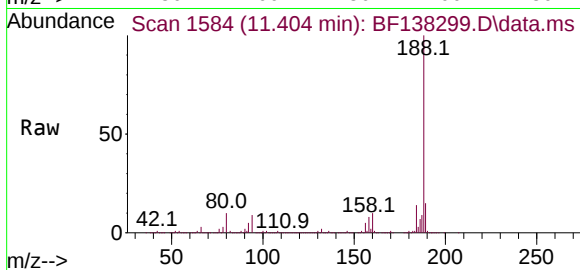
Tgt Ion:188 Resp: 696729

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.7 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.133 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

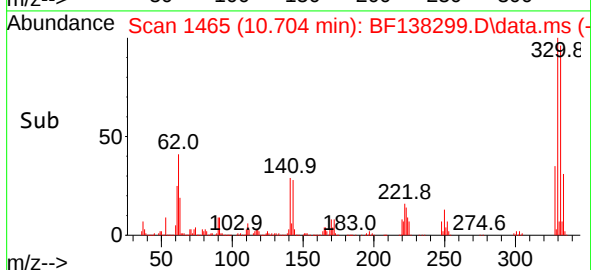
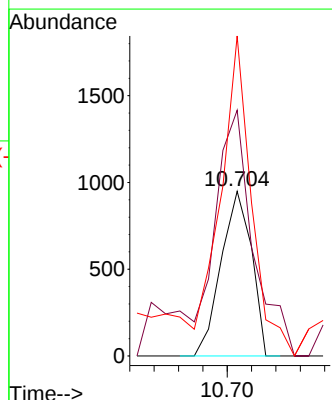
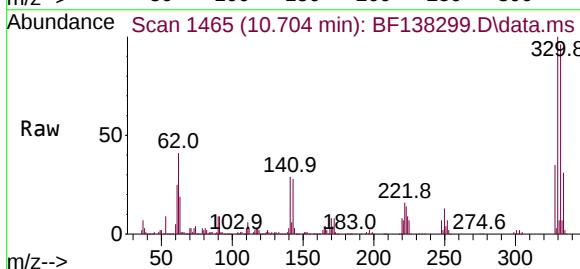
Tgt Ion:198 Resp: 825

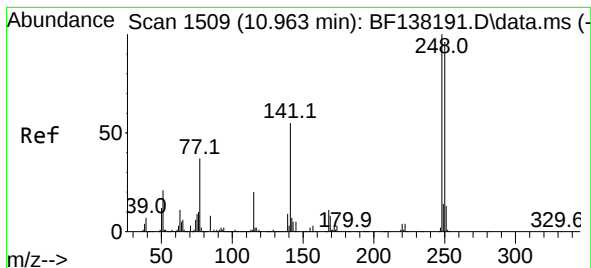
Ion Ratio Lower Upper

198 100

51 149.2 26.9 66.9#

105 194.3 26.0 66.0#

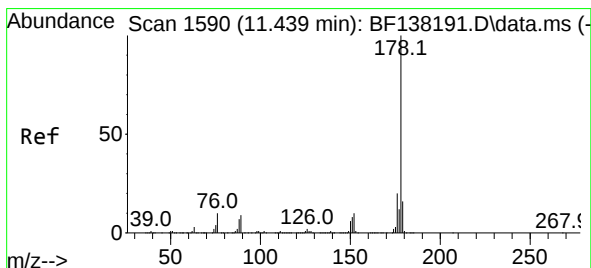
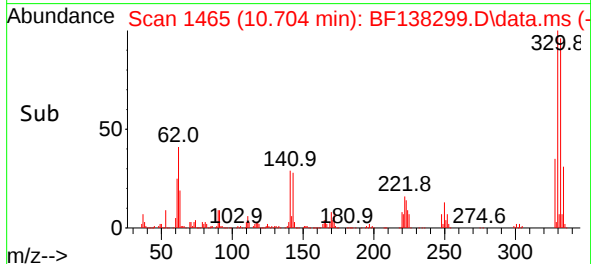
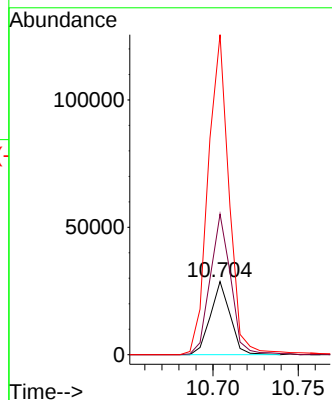
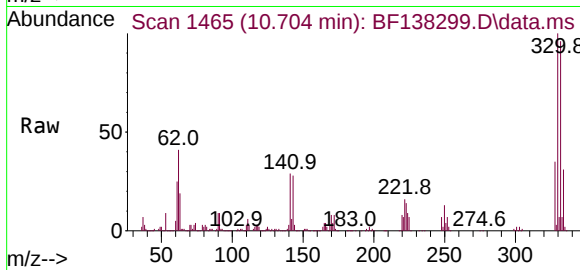




#67
4-Bromophenyl-phenylether
Concen: 2.959 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

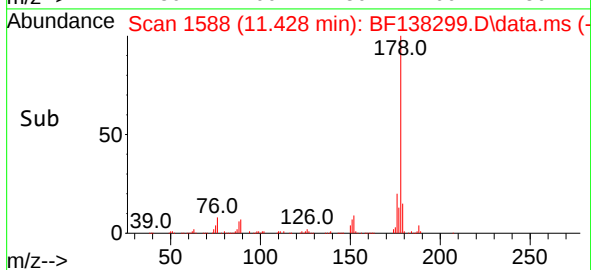
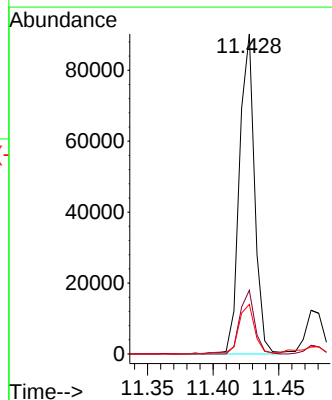
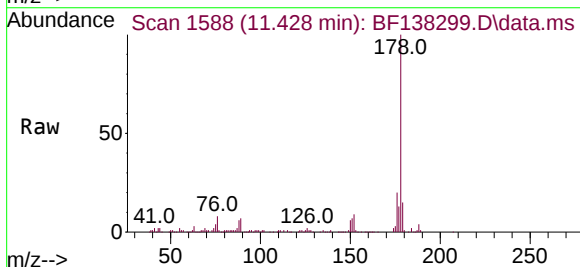
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

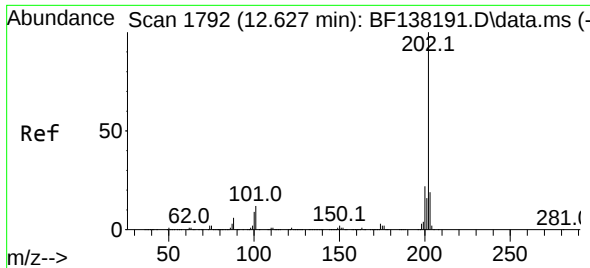
Tgt Ion:248 Resp: 23229
Ion Ratio Lower Upper
248 100
250 192.5 77.2 115.8#
141 438.0 44.1 66.1#



#71
Phenanthrene
Concen: 2.116 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:178 Resp: 72903
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.5 13.1 19.7



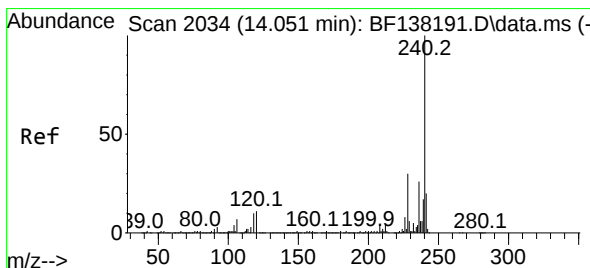
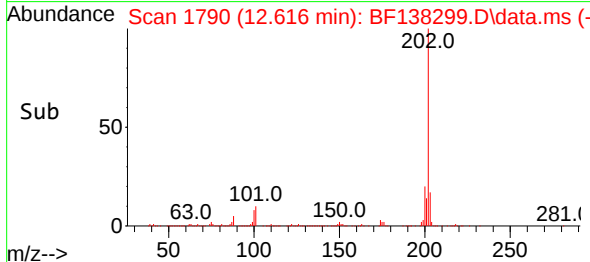
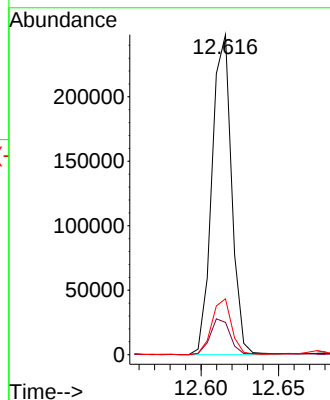
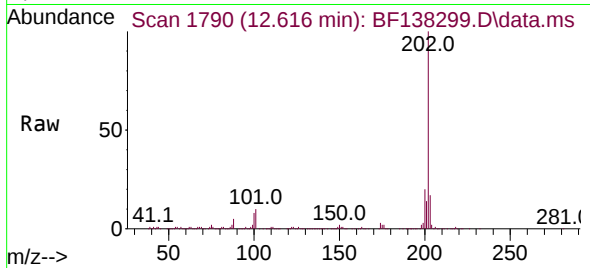


#75
Fluoranthene
Concen: 6.237 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Instrument :
BNA_F
ClientSampleId :
OSTL-D1

Tgt Ion:202 Resp: 219151

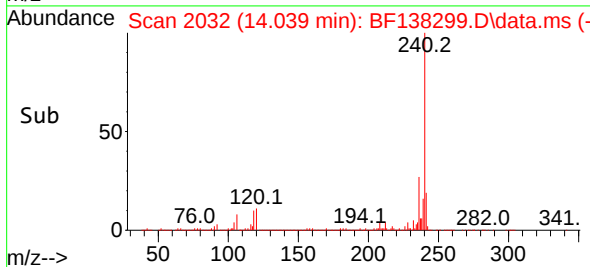
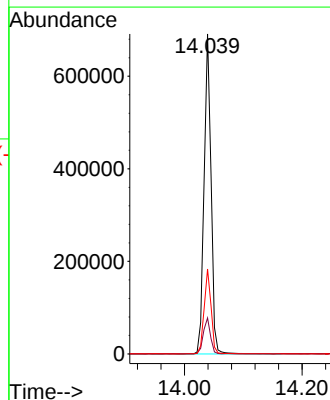
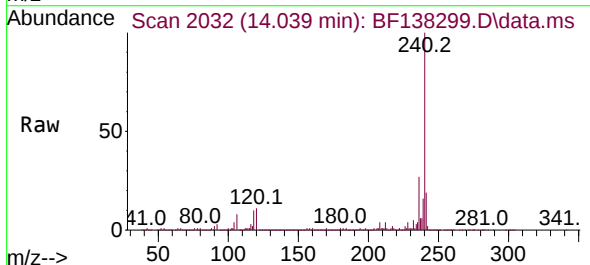
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.8
203	17.4	0.0	38.6

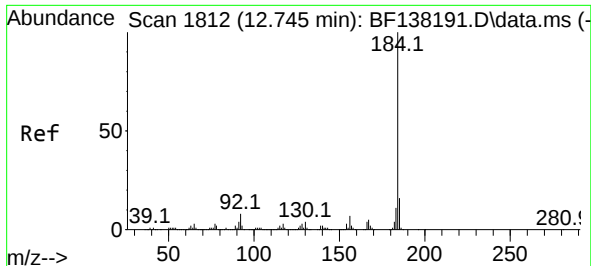


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:240 Resp: 565977

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	26.5	21.0	31.6

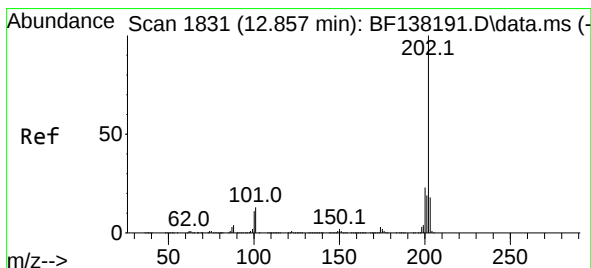
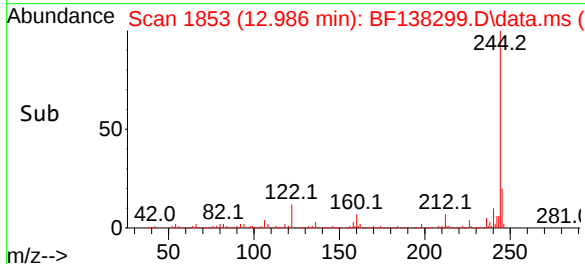
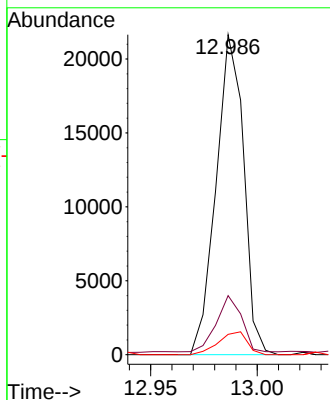
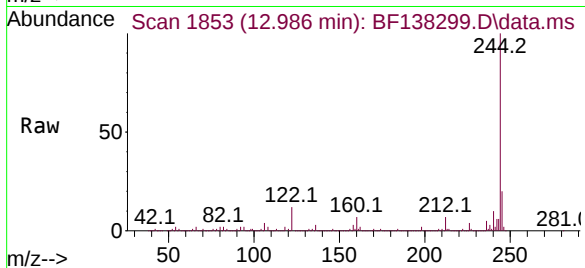




#77
Benzidine
Concen: 2.974 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.241 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

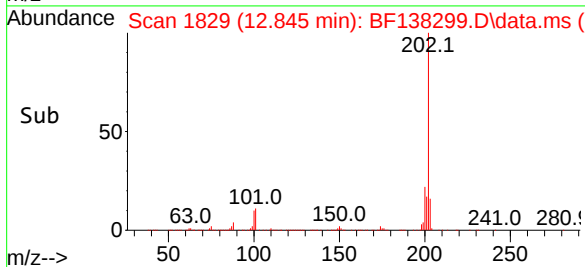
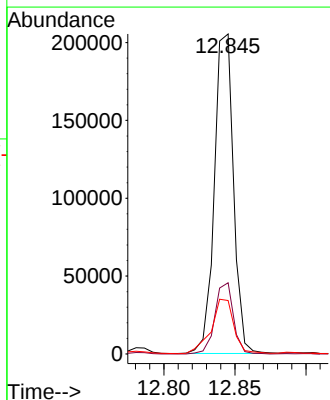
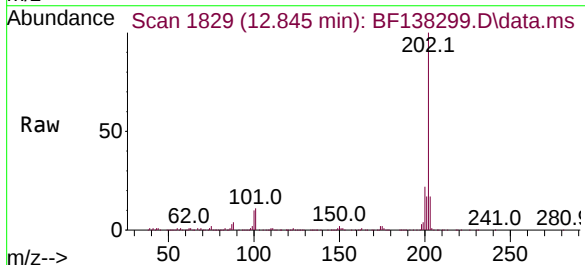
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

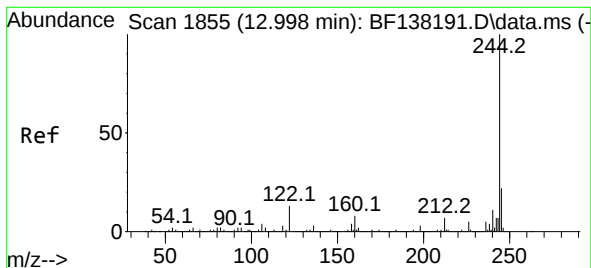
Tgt Ion:184 Resp: 19468
Ion Ratio Lower Upper
184 100
185 18.5 12.6 19.0
183 6.3 9.0 13.6#



#78
Pyrene
Concen: 3.936 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Tgt Ion:202 Resp: 192131
Ion Ratio Lower Upper
202 100
200 22.3 18.0 27.0
203 16.7 14.7 22.1





#79

Terphenyl-d14

Concen: 44.946 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

ClientSampleId :

OSTL-D1

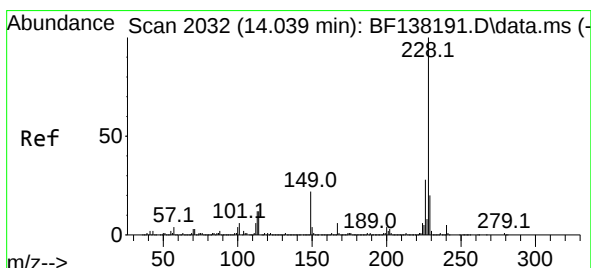
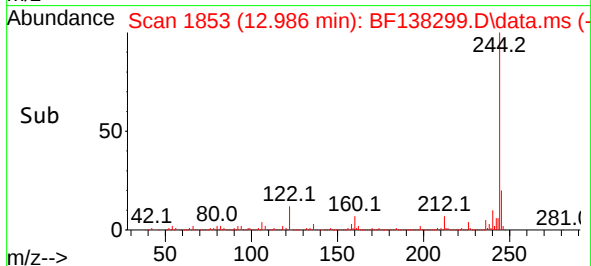
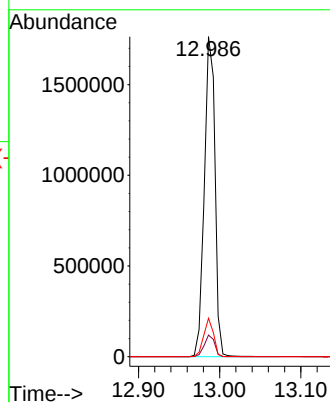
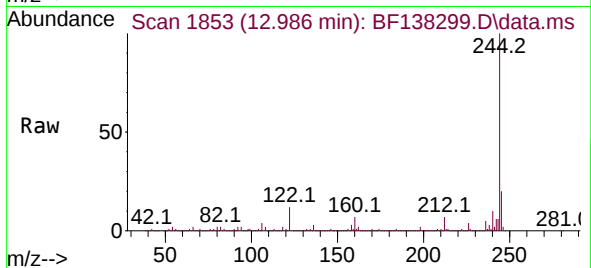
Tgt Ion:244 Resp: 1606142

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 12.0 10.6 15.8



#81

Benzo(a)anthracene

Concen: 3.109 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

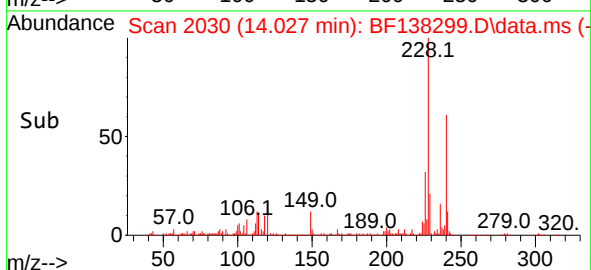
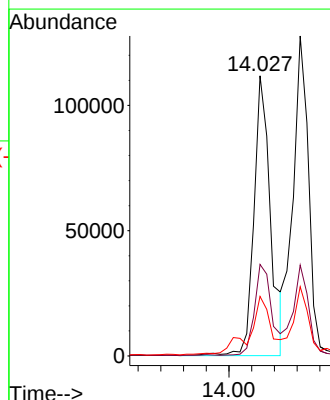
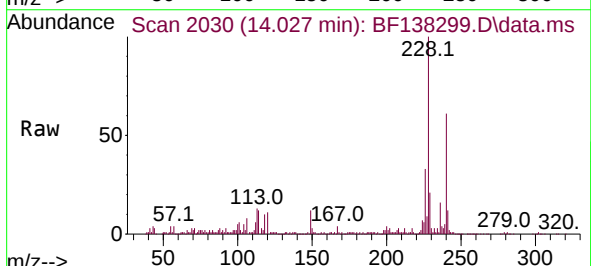
Tgt Ion:228 Resp: 112878

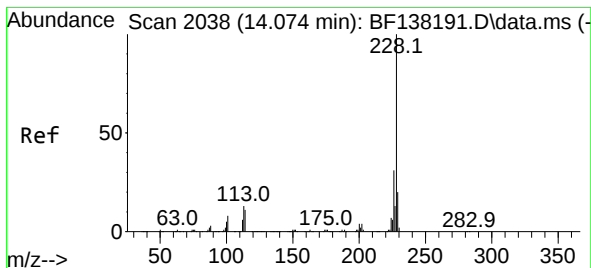
Ion Ratio Lower Upper

228 100

226 32.7 22.5 33.7

229 21.2 16.3 24.5





#83

Chrysene

Concen: 3.517 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

Instrument :

BNA_F

ClientSampleId :

OSTL-D1

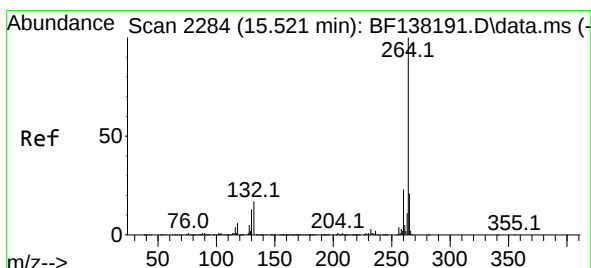
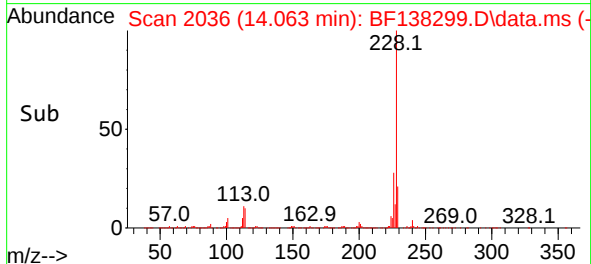
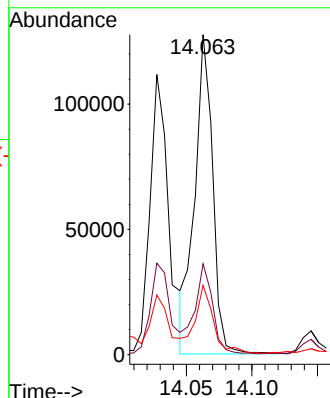
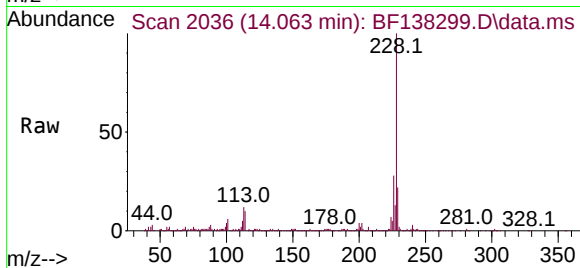
Tgt Ion:228 Resp: 121726

Ion Ratio Lower Upper

228 100

226 28.4 24.5 36.7

229 21.6 16.3 24.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF138299.D

Acq: 21 Jun 2024 22:08

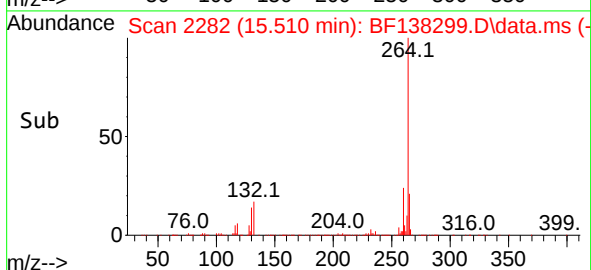
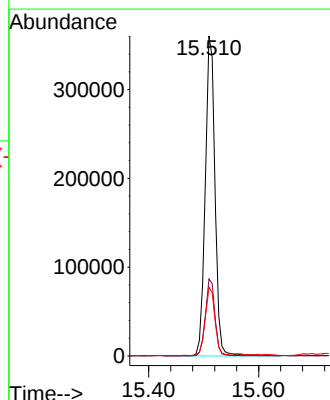
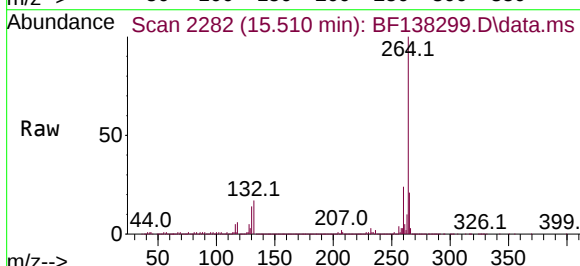
Tgt Ion:264 Resp: 443319

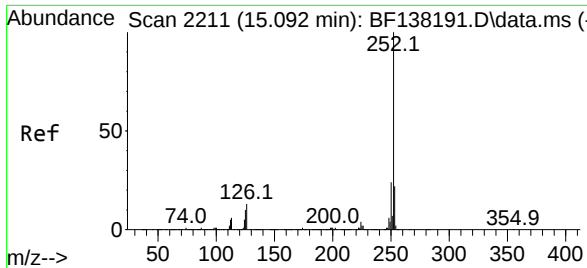
Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.4 17.0 25.6

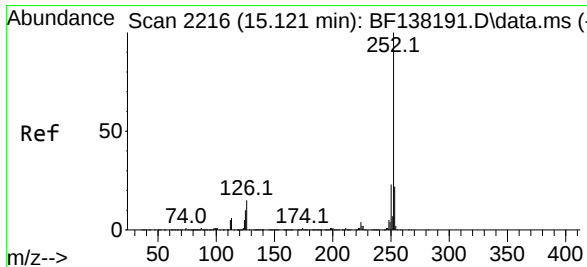
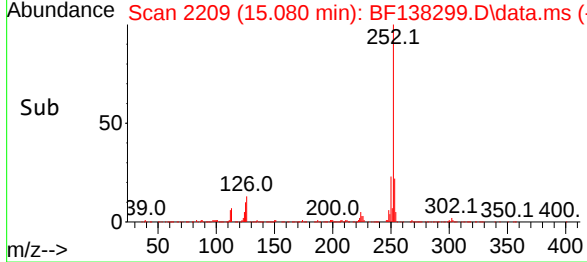
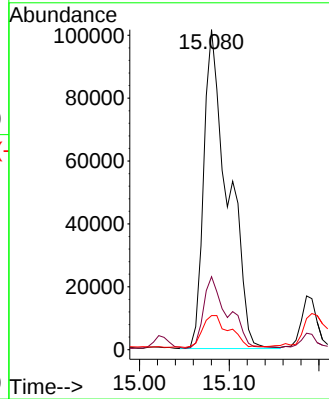
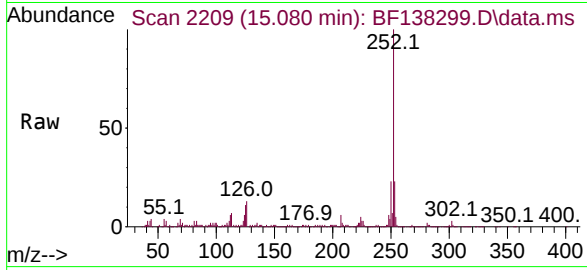




#88
Benzo(b)fluoranthene
Concen: 7.266 ng
RT: 15.080 min Scan# 2211
Delta R.T. -0.012 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

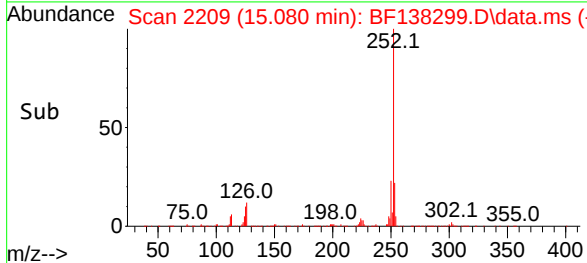
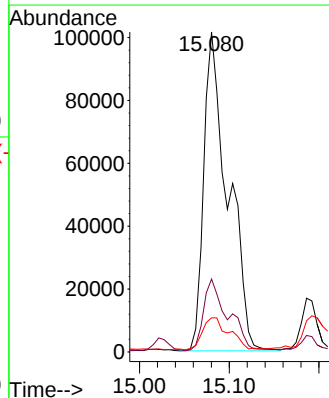
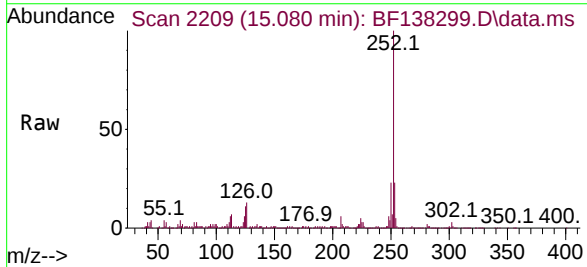
Instrument :
BNA_F
ClientSampleId :
OSTL-D1

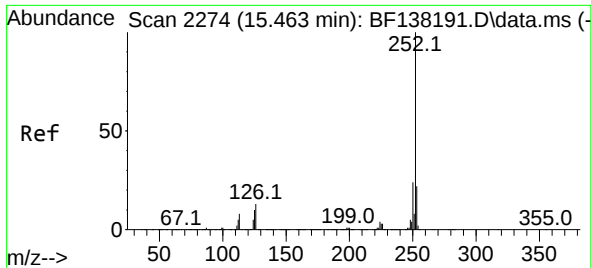
Tgt Ion:252 Resp: 189946
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.7 7.8 11.8



#89
Benzo(k)fluoranthene
Concen: 7.414 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.041 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

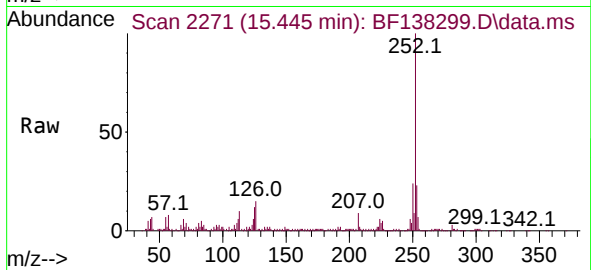
Tgt Ion:252 Resp: 189946
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.7 8.0 12.0





#90
Benzo(a)pyrene
Concen: 3.574 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138299.D
Acq: 21 Jun 2024 22:08

Instrument :
BNA_F
ClientSampleId :
OSTL-D1



Tgt Ion:252 Resp: 80266
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.7 8.2 12.2

