

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138241.D
 Acq On : 19 Jun 2024 11:31
 Operator : CG\JU
 Sample : PB161543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161543BL

Quant Time: Jun 19 12:30:06 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)

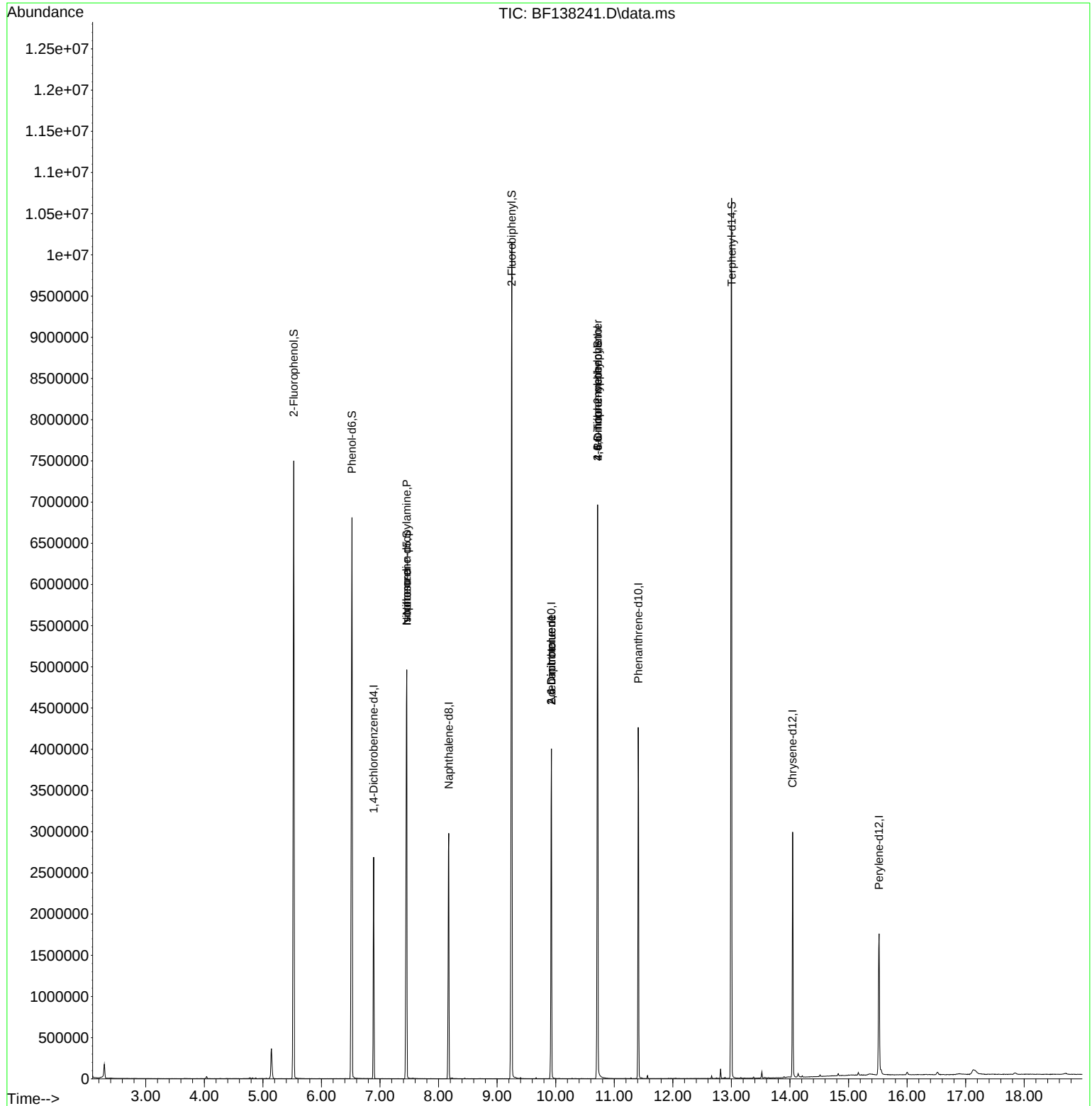
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	372343	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1510599	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	855295	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1563366	20.000	ng	0.00
76) Chrysene-d12	14.045	240	968958	20.000	ng	0.00
86) Perylene-d12	15.521	264	840237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2494089	112.052	ng	0.02
7) Phenol-d6	6.522	99	3085870	109.333	ng	0.00
23) Nitrobenzene-d5	7.457	82	1967364	75.819	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	989957	116.265	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3700989	68.808	ng	0.00
79) Terphenyl-d14	13.004	244	4330136	70.779	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	264864	15.832	ng	# 76
25) Isophorone	7.457	82	1950662	41.561	ng	# 62
51) 2,6-Dinitrotoluene	9.927	165	112411	9.888	ng	# 25
57) 2,4-Dinitrotoluene	9.927	165	112412	8.017	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2066	7.156	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	64536	3.663	ng	# 1

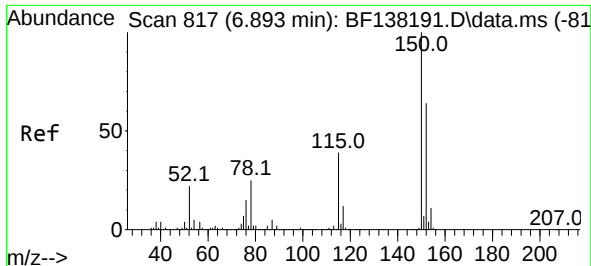
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 19 12:30:06 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

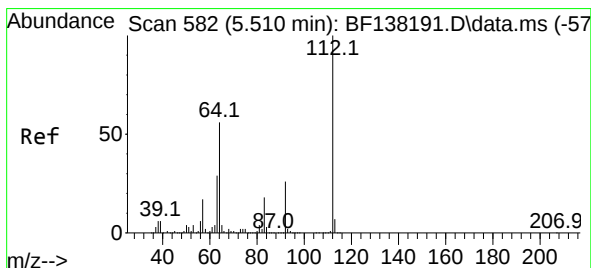
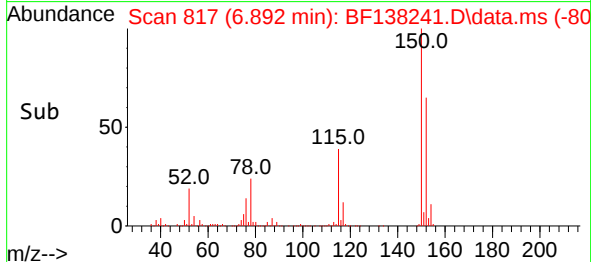
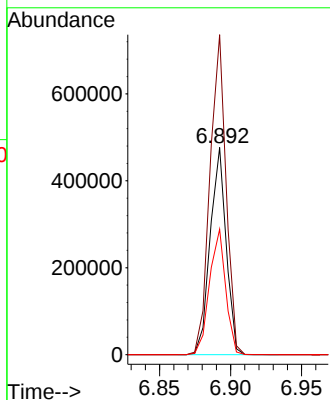
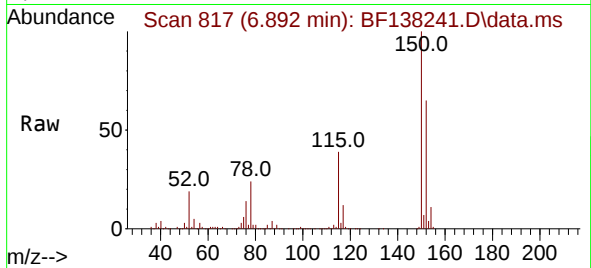




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

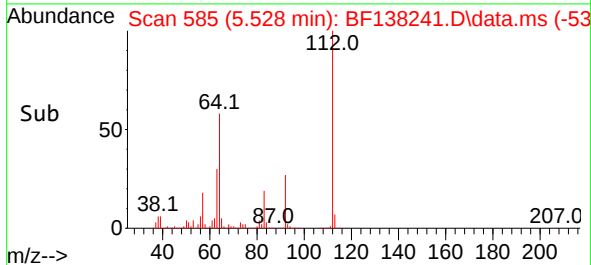
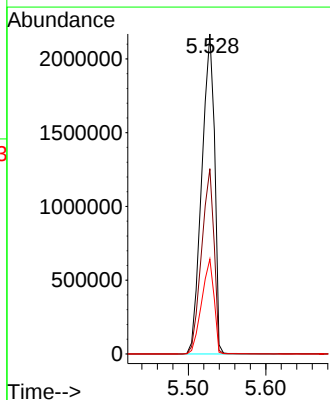
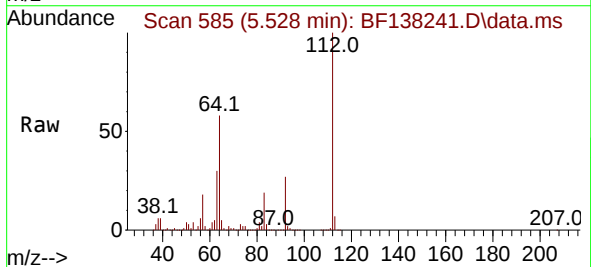
Instrument :
BNA_F
ClientSampleId :
PB161543BL

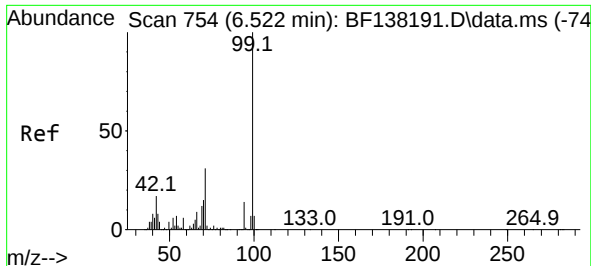
Tgt Ion:152 Resp: 372343
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 60.6 48.4 72.6



#5
2-Fluorophenol
Concen: 112.052 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion:112 Resp: 2494089
Ion Ratio Lower Upper
112 100
64 57.9 45.2 67.8
63 29.6 22.9 34.3

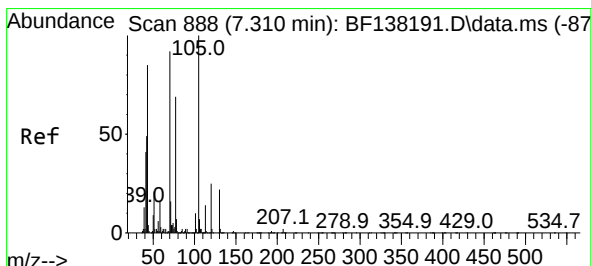
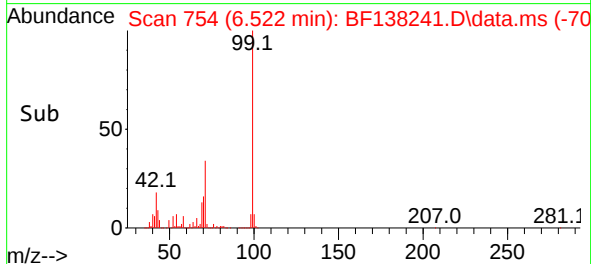
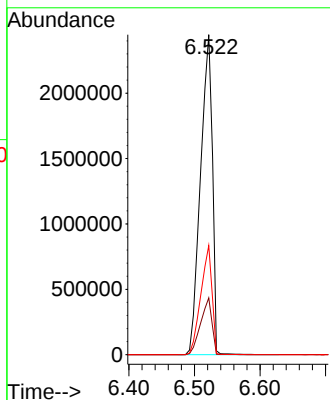
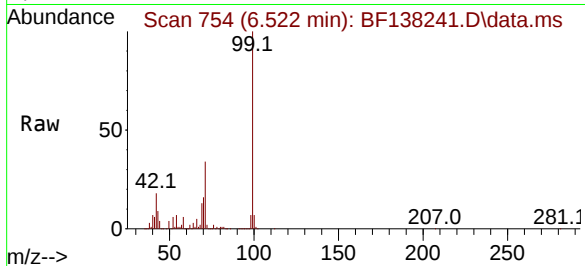




#7
Phenol-d6
Concen: 109.333 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

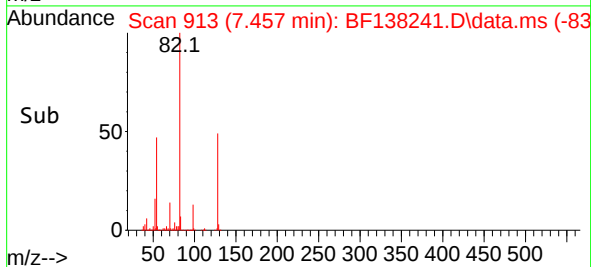
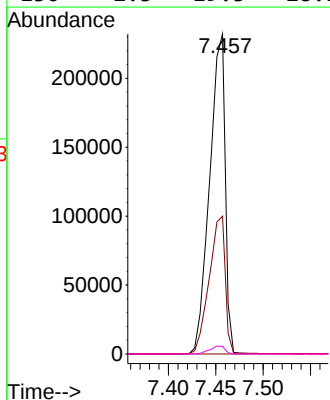
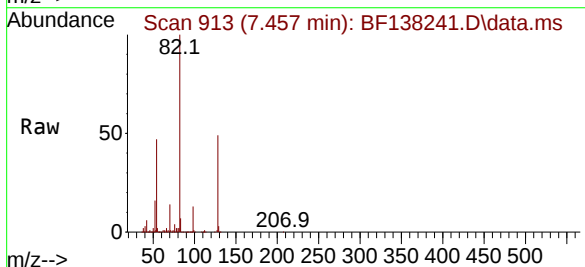
Instrument :
BNA_F
ClientSampleId :
PB161543BL

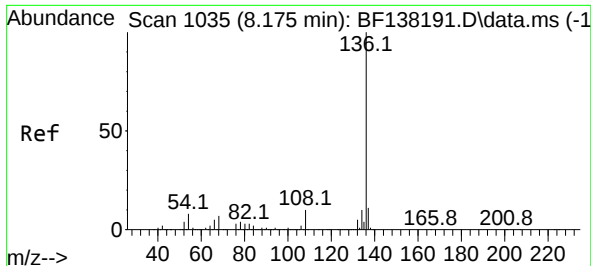
Tgt Ion: 99 Resp: 3085870
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 34.1 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.832 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion: 70 Resp: 264864
Ion Ratio Lower Upper
70 100
42 43.1 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

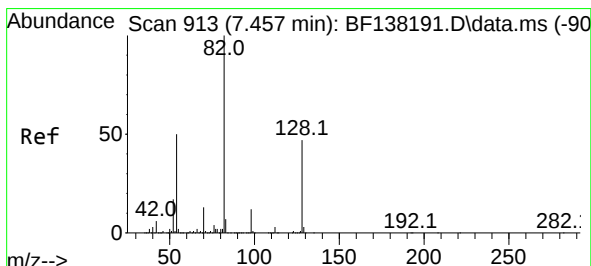
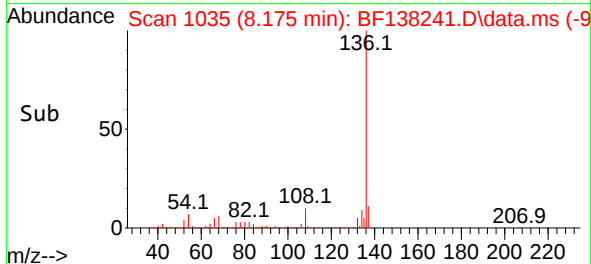
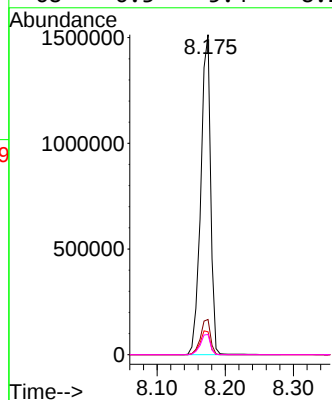
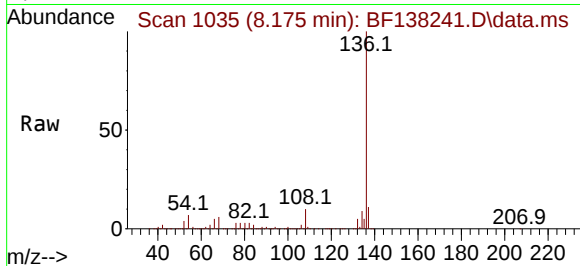




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

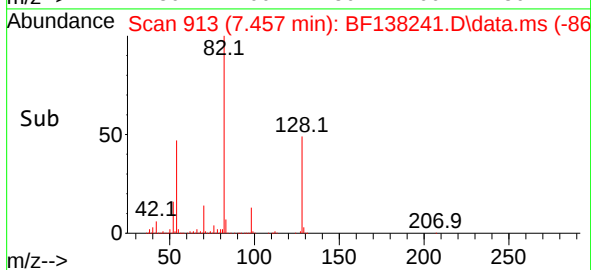
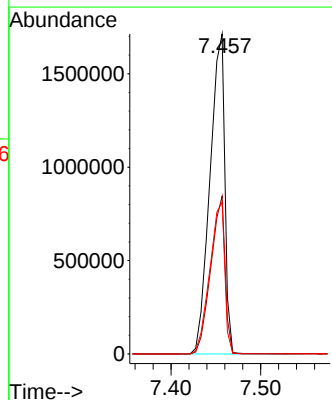
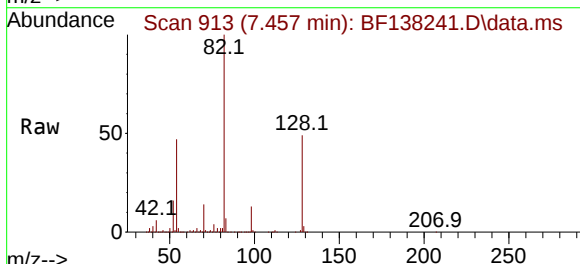
Instrument :
BNA_F
ClientSampleId :
PB161543BL

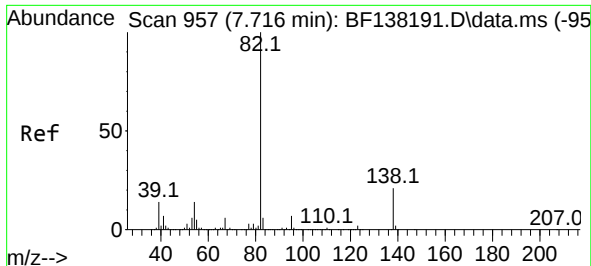
Tgt Ion:136 Resp: 1510599
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.1 6.6 10.0
68 6.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 75.819 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion: 82 Resp: 1967364
Ion Ratio Lower Upper
82 100
128 49.3 37.2 55.8
54 47.4 39.8 59.6

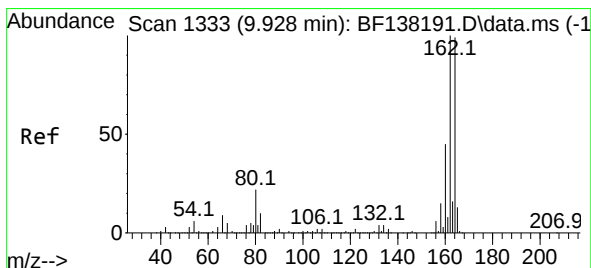
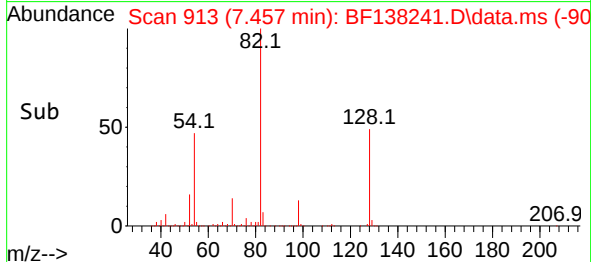
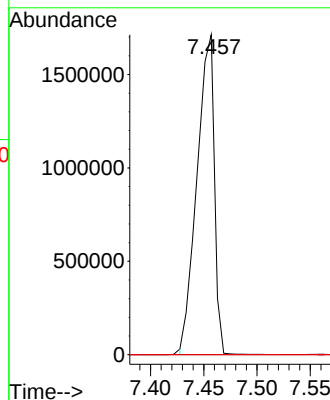
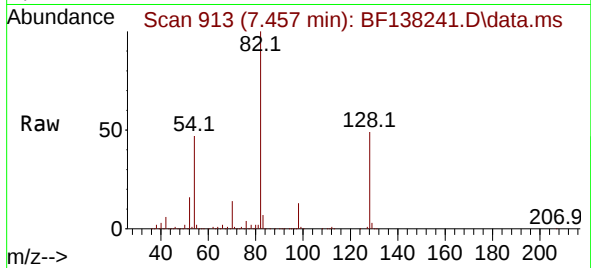




#25
Isophorone
Concen: 41.561 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

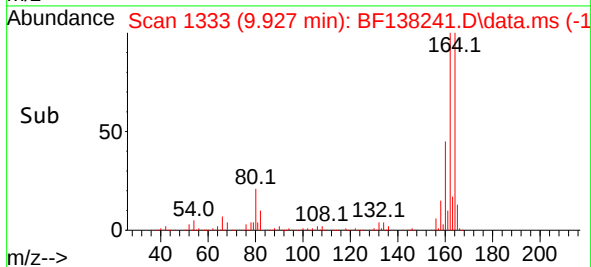
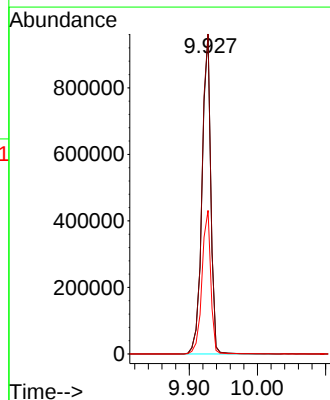
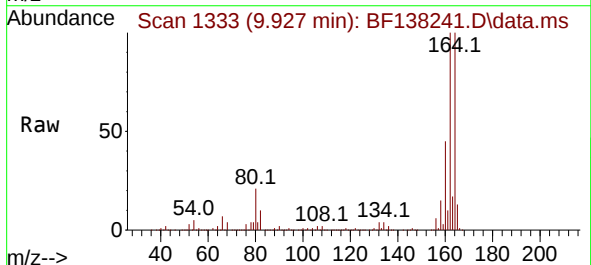
Instrument :
BNA_F
ClientSampleId :
PB161543BL

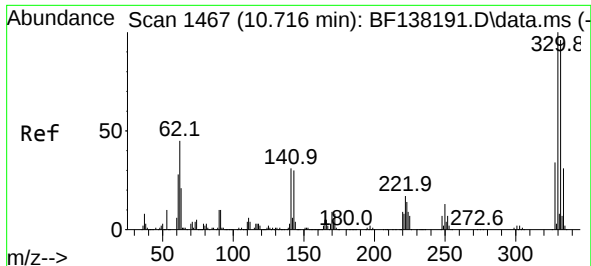
Tgt Ion: 82 Resp: 1950662
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion: 164 Resp: 855295
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 116.265 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161543BL

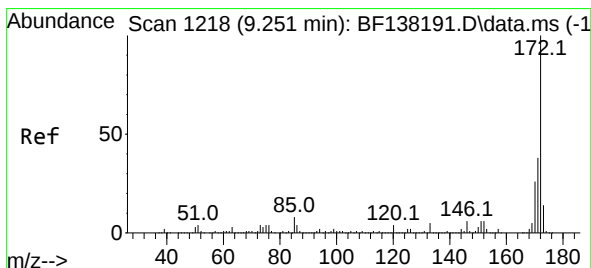
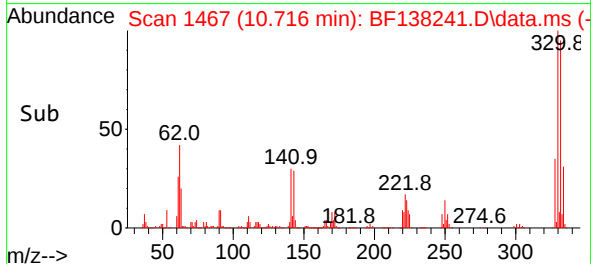
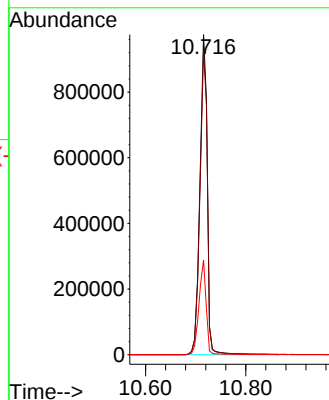
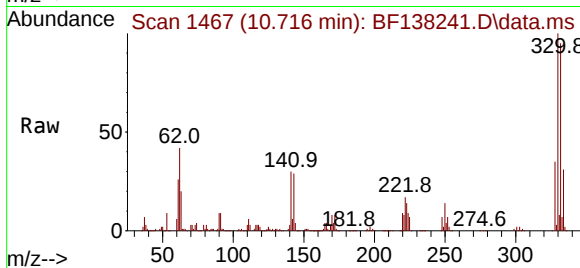
Tgt Ion:330 Resp: 989957

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 29.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 68.808 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

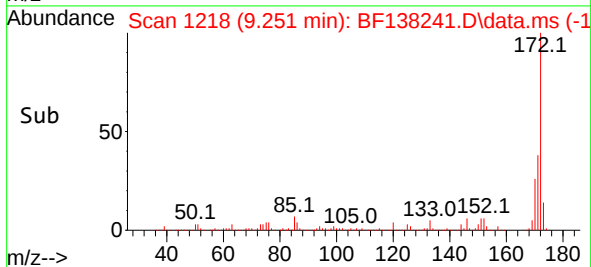
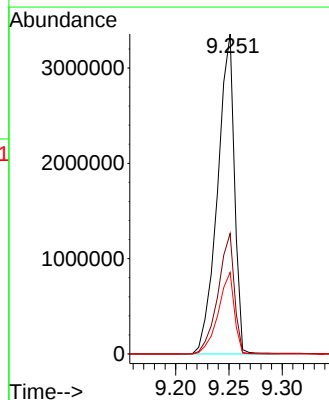
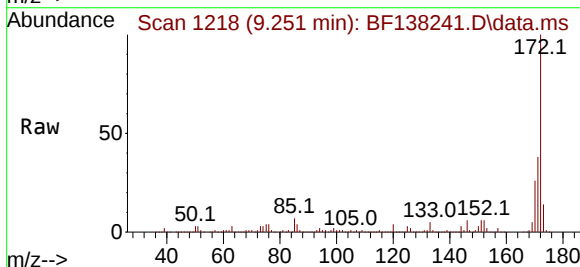
Tgt Ion:172 Resp: 3700989

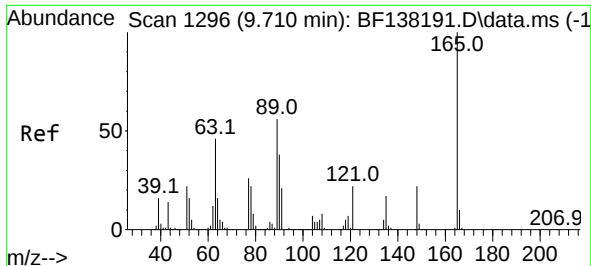
Ion Ratio Lower Upper

172 100

171 37.6 30.3 45.5

170 25.5 20.6 30.8

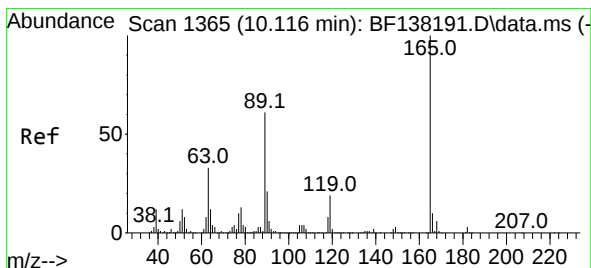
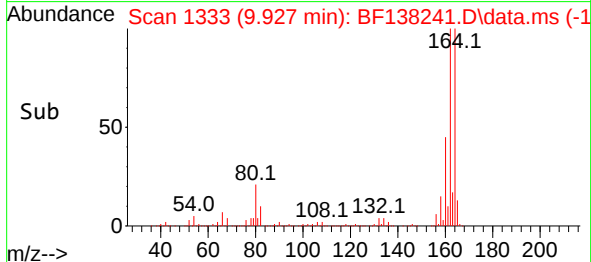
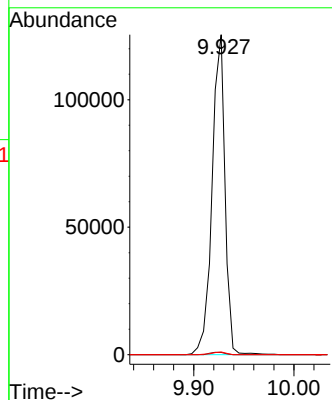
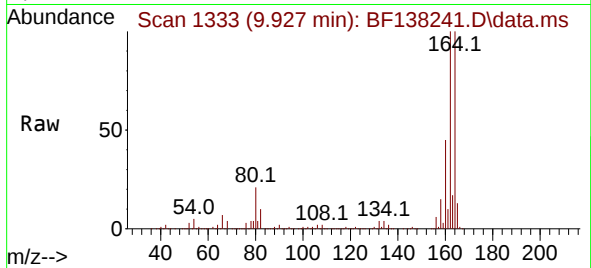




#51
2,6-Dinitrotoluene
Concen: 9.888 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.217 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

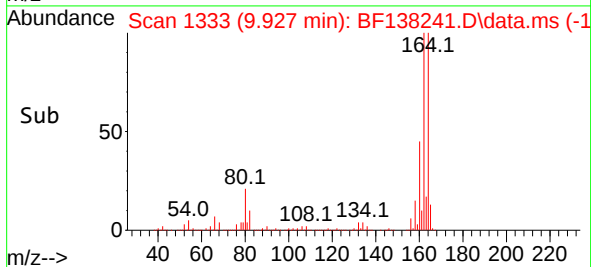
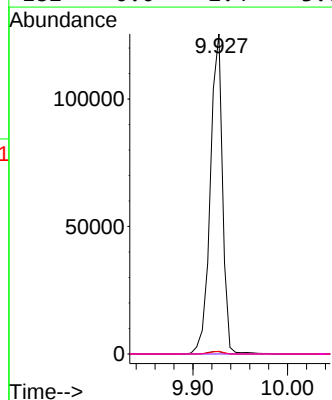
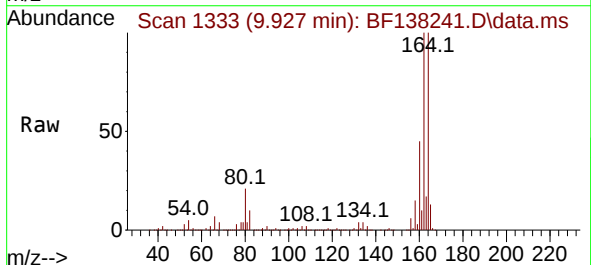
Instrument :
BNA_F
ClientSampleId :
PB161543BL

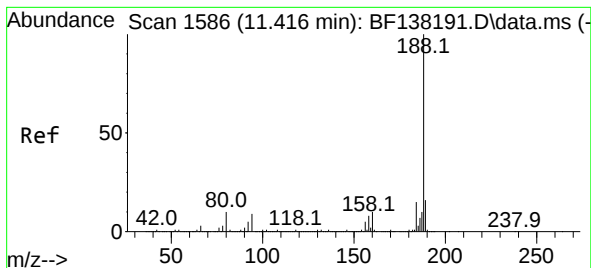
Tgt Ion:165 Resp: 112411
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.017 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.188 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion:165 Resp: 112412
Ion Ratio Lower Upper
165 100
63 0.7 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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161543BL

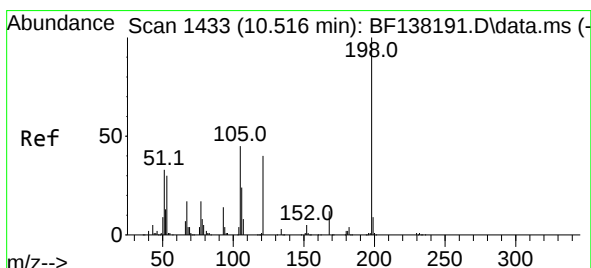
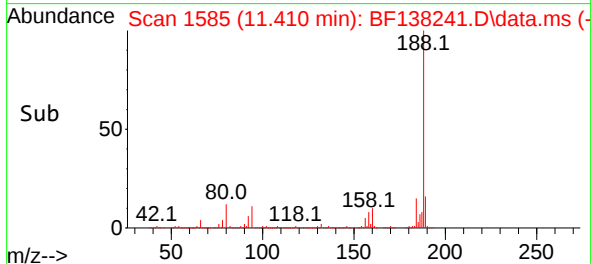
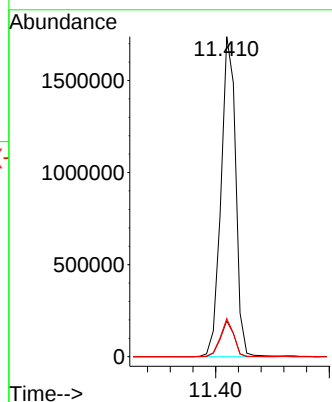
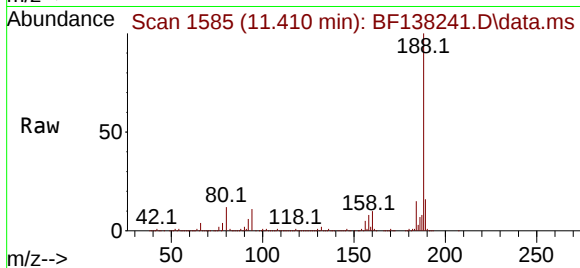
Tgt Ion:188 Resp: 1563366

Ion Ratio Lower Upper

188 100

94 11.2 7.6 11.4

80 11.9 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.156 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

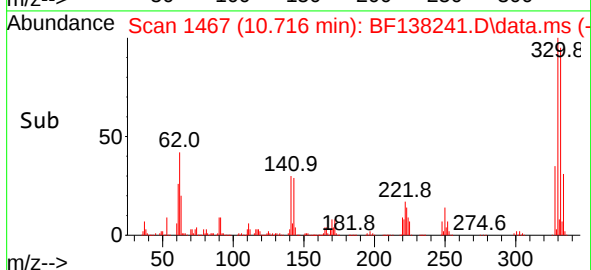
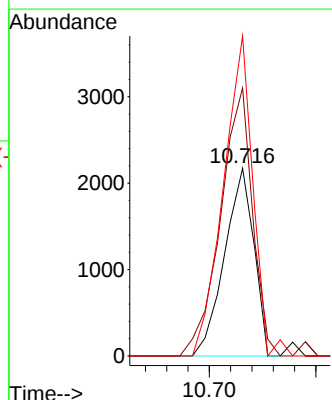
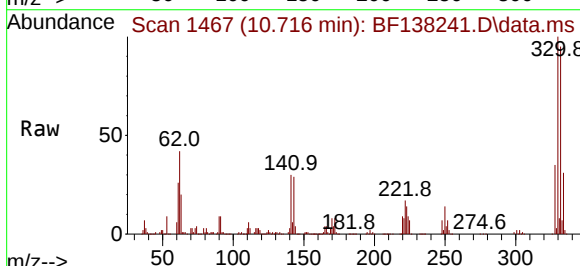
Tgt Ion:198 Resp: 2066

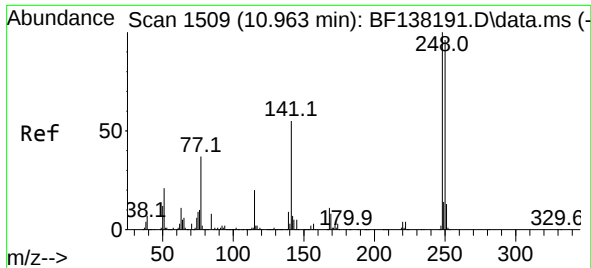
Ion Ratio Lower Upper

198 100

51 142.8 26.9 66.9#

105 170.5 26.0 66.0#

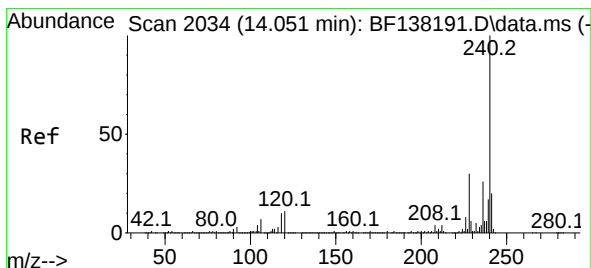
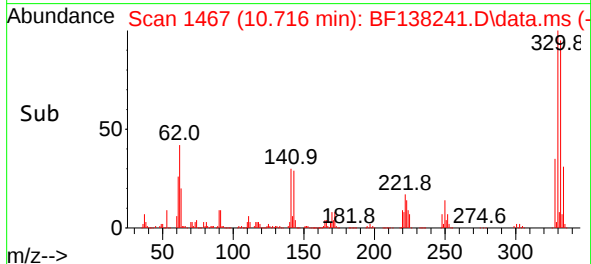
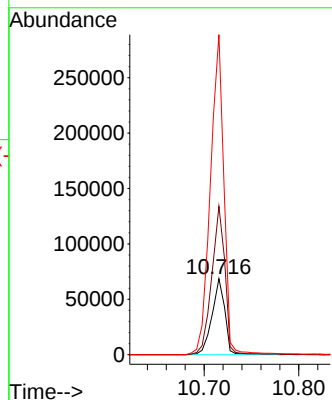
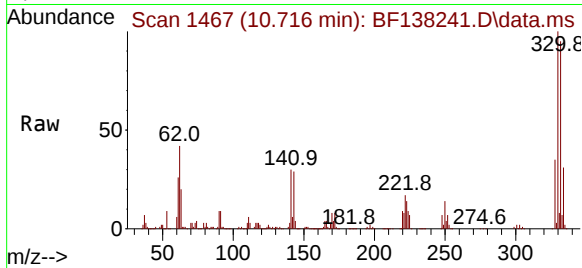




#67
4-Bromophenyl-phenylether
Concen: 3.663 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

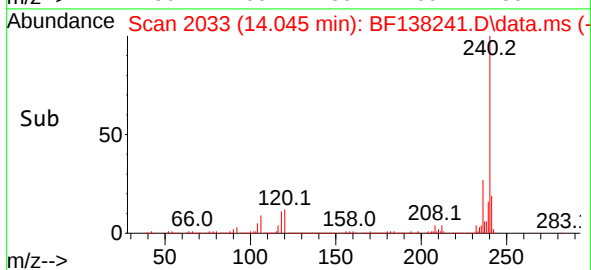
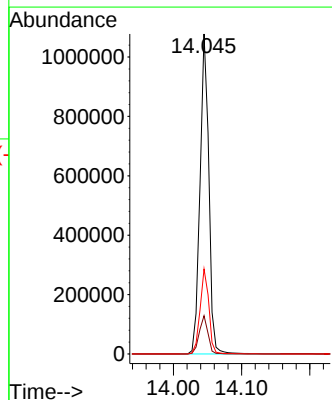
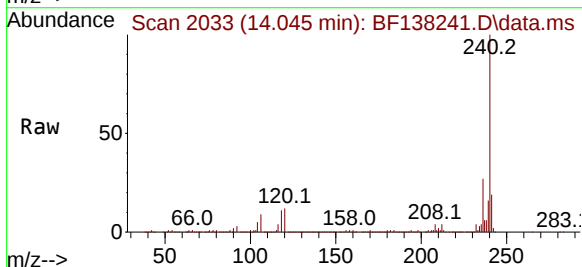
Instrument :
BNA_F
ClientSampleId :
PB161543BL

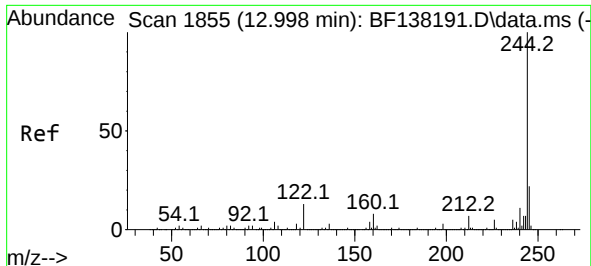
Tgt Ion:248 Resp: 64536
Ion Ratio Lower Upper
248 100
250 195.3 77.2 115.8#
141 421.2 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion:240 Resp: 968958
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.6 21.0 31.6

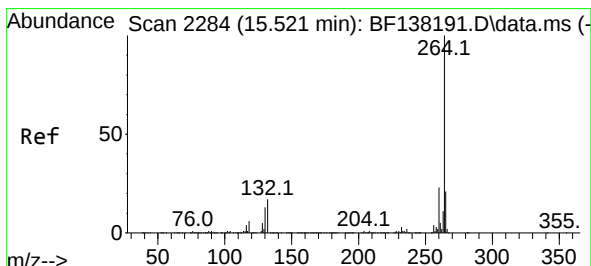
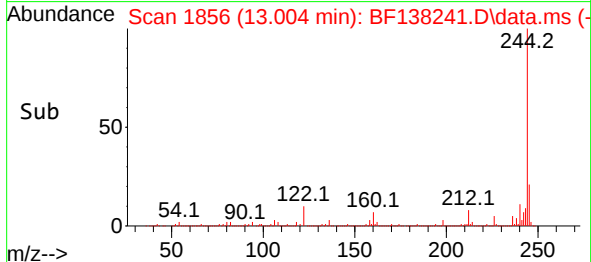
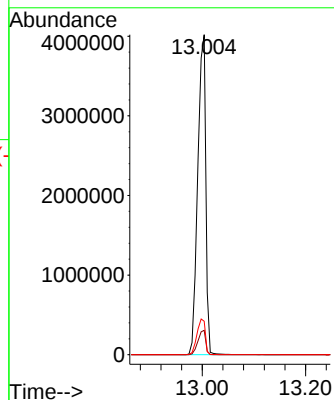
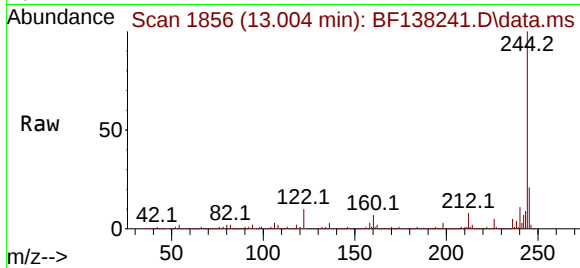




#79
 Terphenyl-d14
 Concen: 70.779 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138241.D
 Acq: 19 Jun 2024 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB161543BL

Tgt Ion:244 Resp: 4330136
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.5 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138241.D
 Acq: 19 Jun 2024 11:31

Tgt Ion:264 Resp: 840237
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.8 17.0 25.6

