

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138545.D
 Acq On : 12 Jul 2024 14:33
 Operator : CG\JU
 Sample : P3193-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-MATERIAL-1

Quant Time: Jul 12 15:21:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

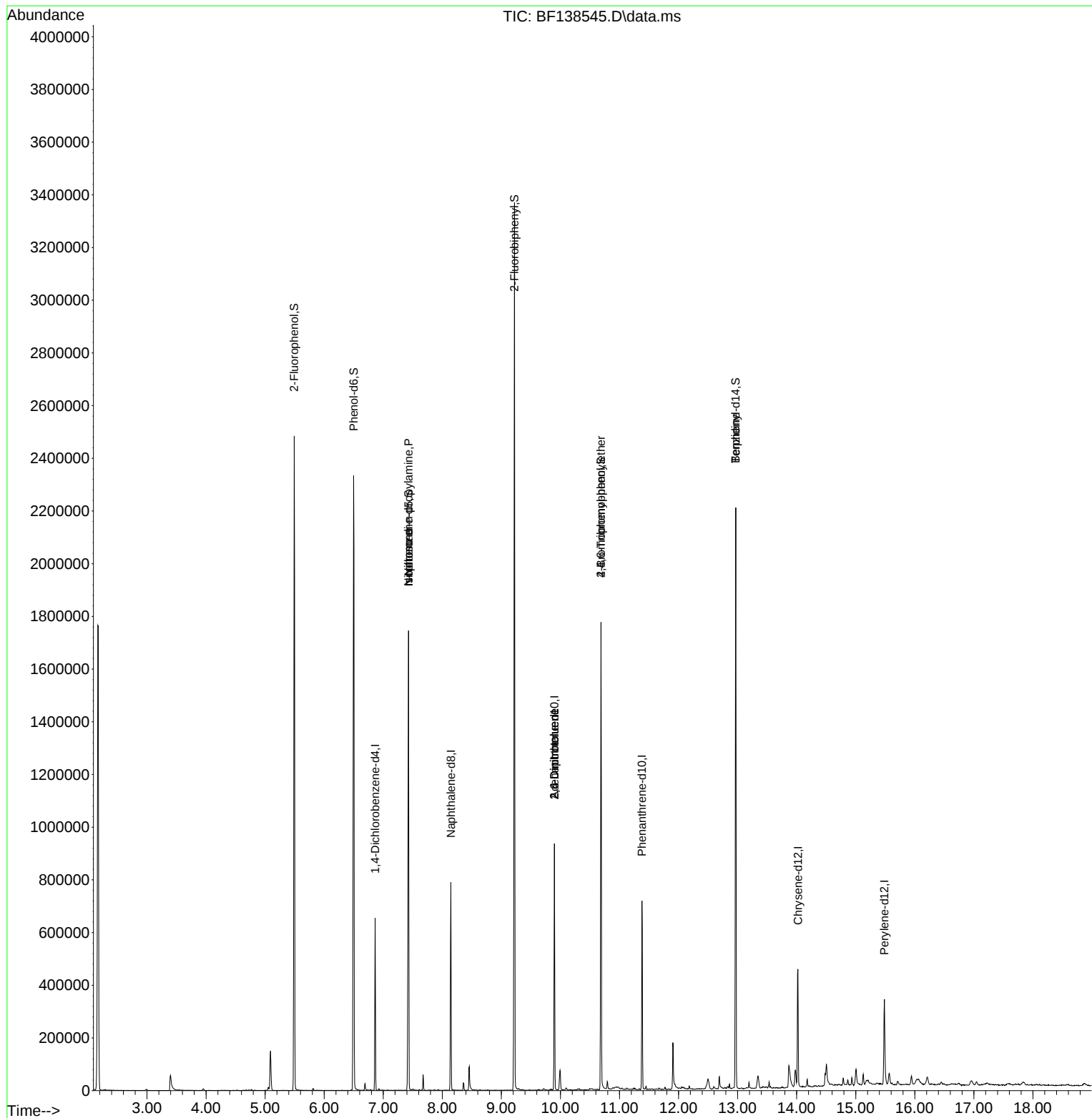
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	78233	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	308778	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	167443	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	252116	20.000	ng	0.00
76) Chrysene-d12	14.021	240	150288	20.000	ng	0.00
86) Perylene-d12	15.486	264	145482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	598254	121.111	ng	0.00
7) Phenol-d6	6.498	99	803140	122.220	ng	0.00
23) Nitrobenzene-d5	7.428	82	521896	82.985	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	187952	120.103	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	939978	87.737	ng	0.00
79) Terphenyl-d14	12.968	244	701820	76.077	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	70395	17.337	ng	# 73
25) Isophorone	7.428	82	521892	48.322	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	21679	8.696	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	21679	6.721	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	12104	4.671	ng	# 1
77) Benzidine	12.968	184	9604	2.533	ng	95

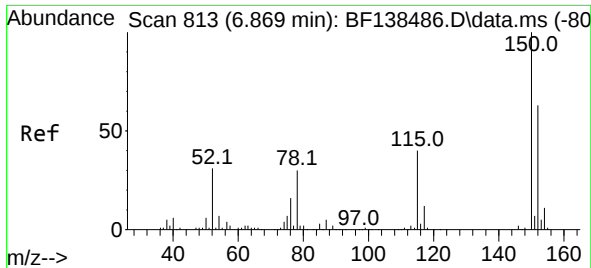
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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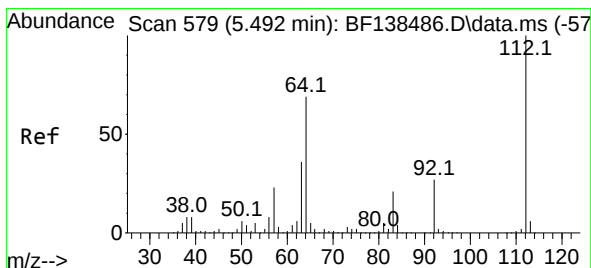
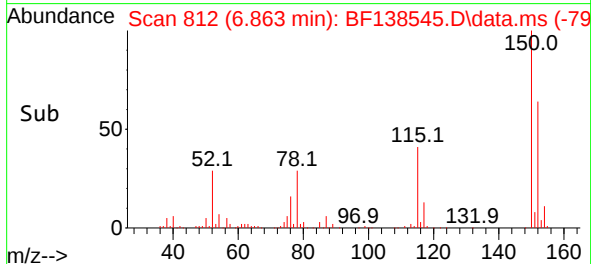
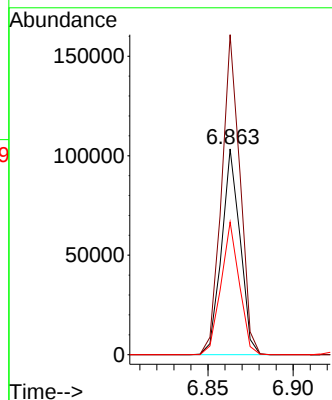
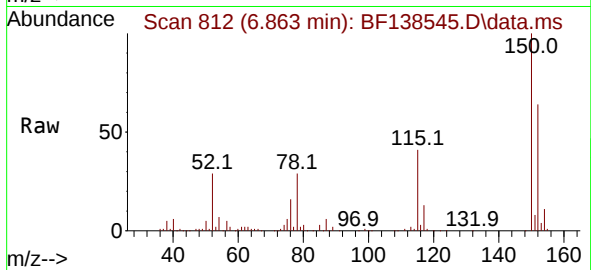




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

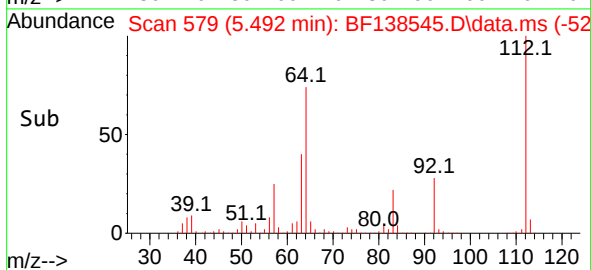
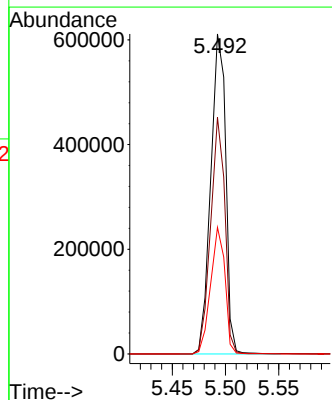
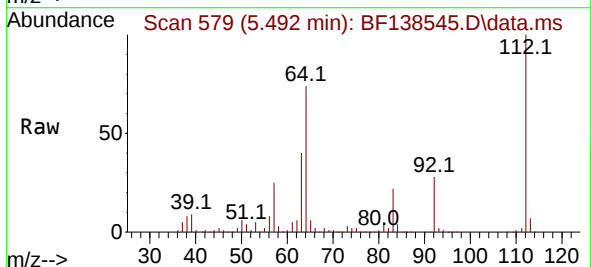
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

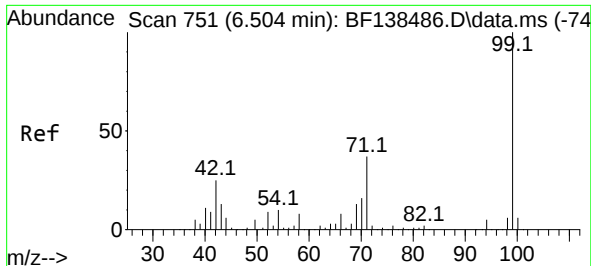
Tgt Ion:152 Resp: 78233
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.4
115 64.5 50.3 75.5



#5
2-Fluorophenol
Concen: 121.111 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion:112 Resp: 598254
Ion Ratio Lower Upper
112 100
64 74.0 55.1 82.7
63 39.6 29.0 43.6

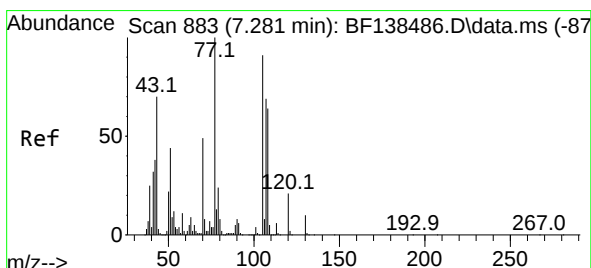
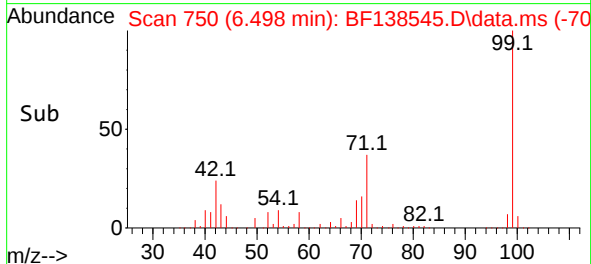
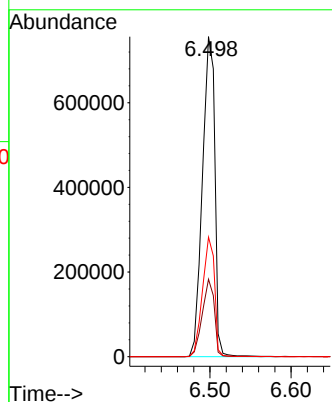
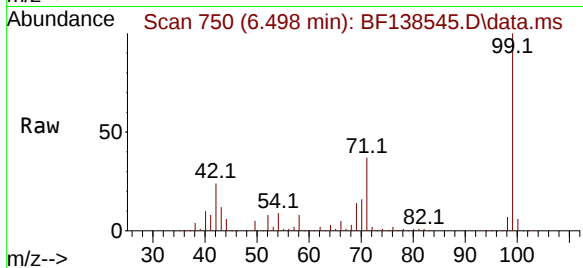




#7
Phenol-d6
Concen: 122.220 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

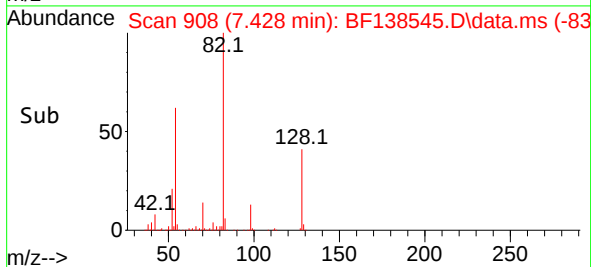
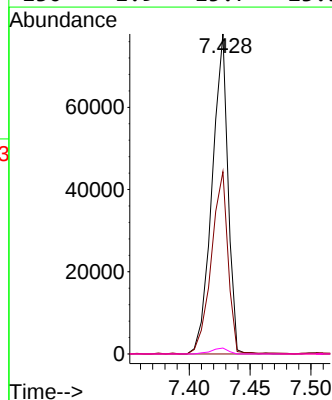
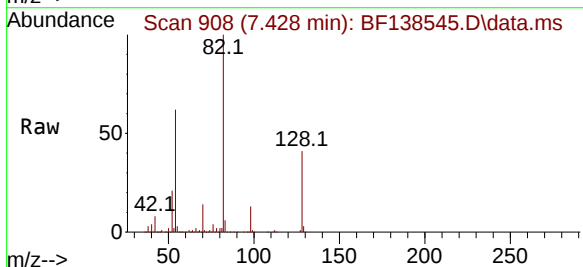
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

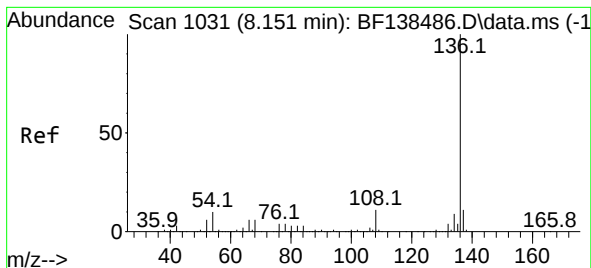
Tgt Ion: 99 Resp: 803140
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 37.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.337 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion: 70 Resp: 70395
Ion Ratio Lower Upper
70 100
42 57.0 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1

Tgt Ion:136 Resp: 308778

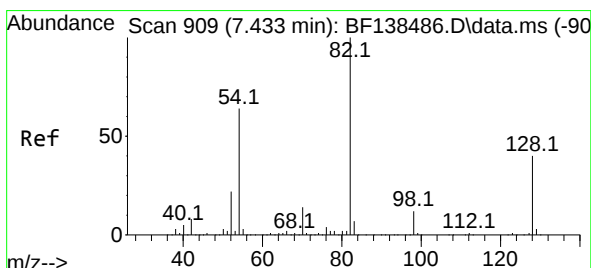
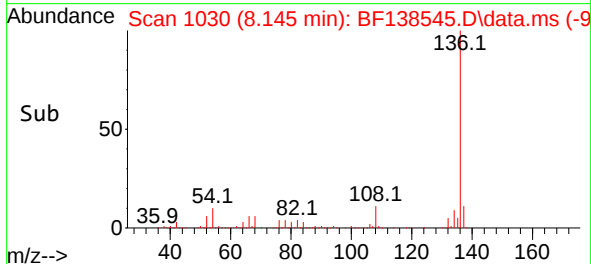
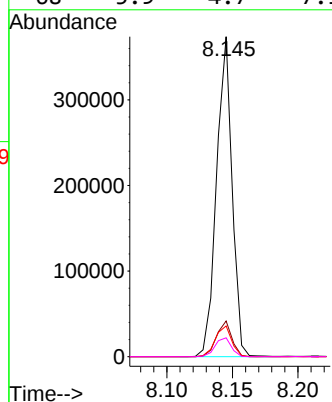
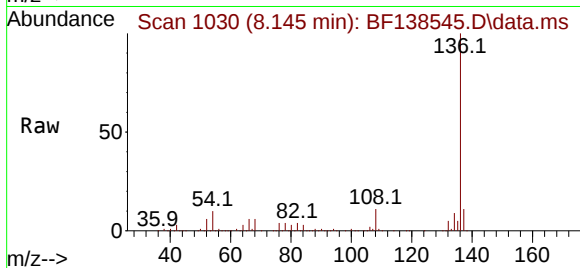
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.6 8.1 12.1

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 82.985 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

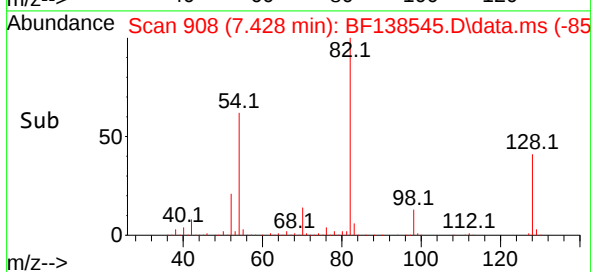
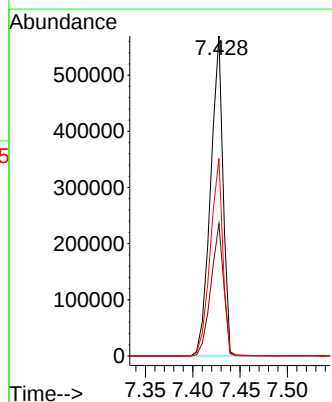
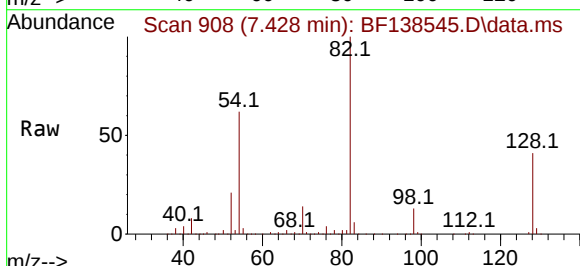
Tgt Ion: 82 Resp: 521896

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 61.7 51.4 77.0

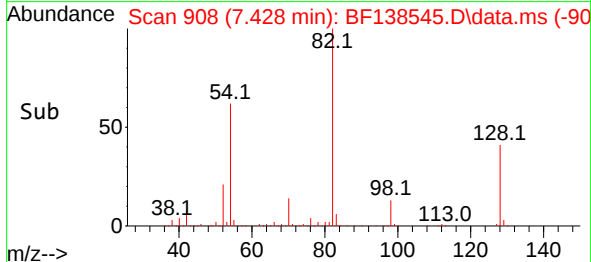
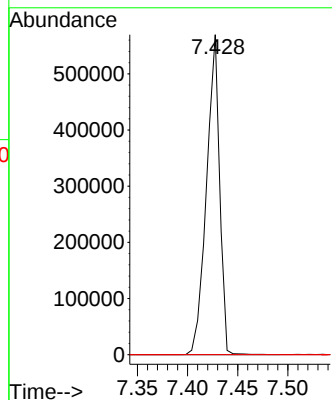
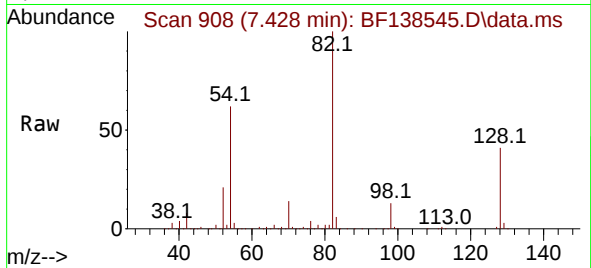




#25
Isophorone
Concen: 48.322 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

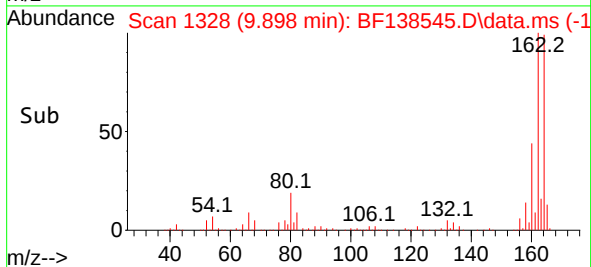
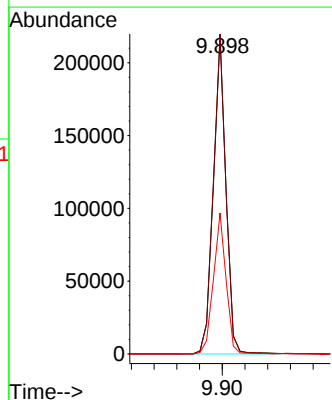
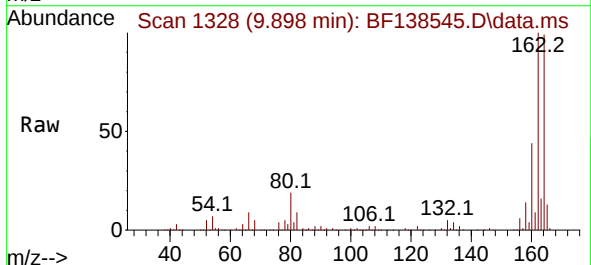
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

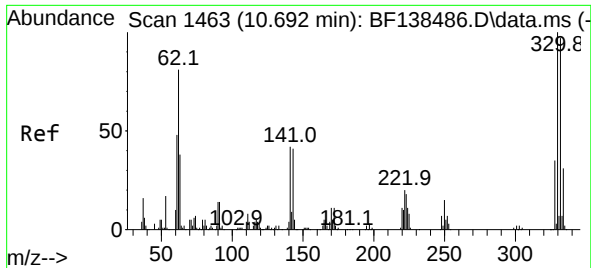
Tgt Ion: 82 Resp: 521892
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

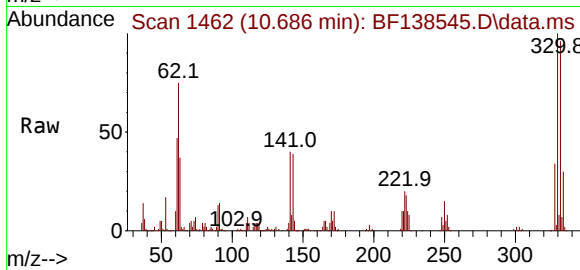
Tgt Ion: 164 Resp: 167443
Ion Ratio Lower Upper
164 100
162 100.7 79.0 118.6
160 44.4 34.4 51.6



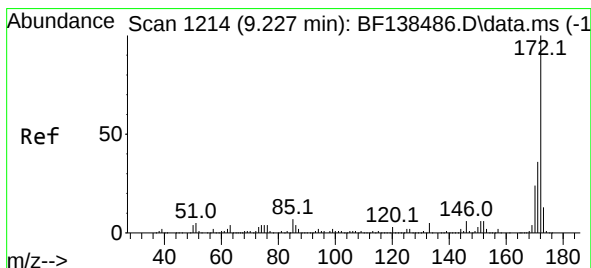
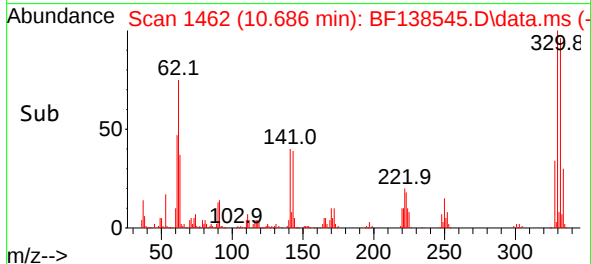
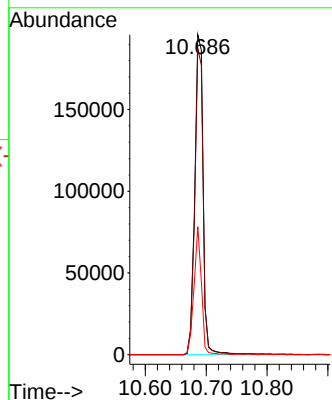


#42
2,4,6-Tribromophenol
Concen: 120.103 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

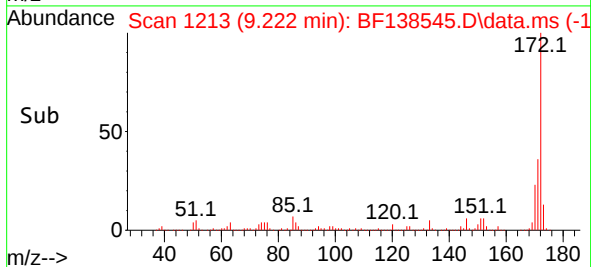
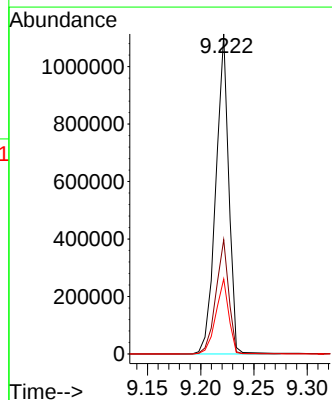
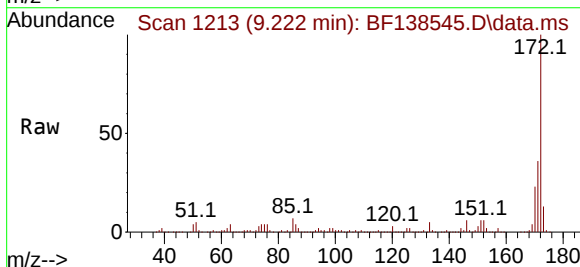


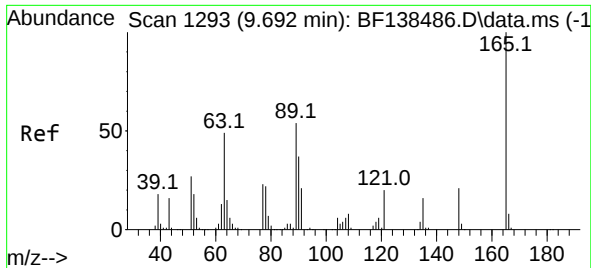
Tgt Ion:330 Resp: 187952
Ion Ratio Lower Upper
330 100
332 95.4 76.8 115.2
141 35.7 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 87.737 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion:172 Resp: 939978
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.4 18.9 28.3

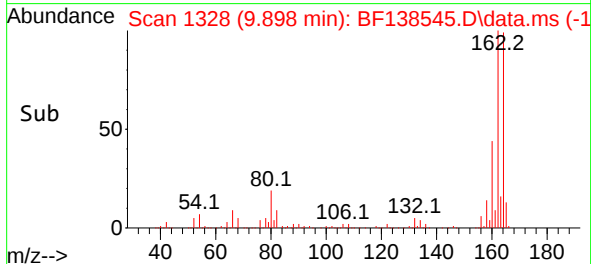
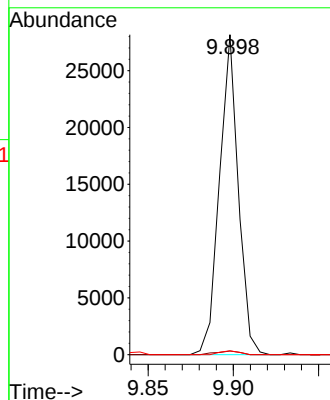
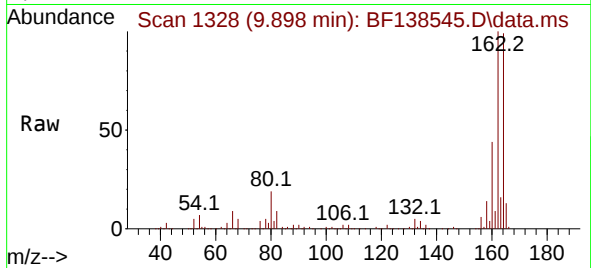




#51
2,6-Dinitrotoluene
Concen: 8.696 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

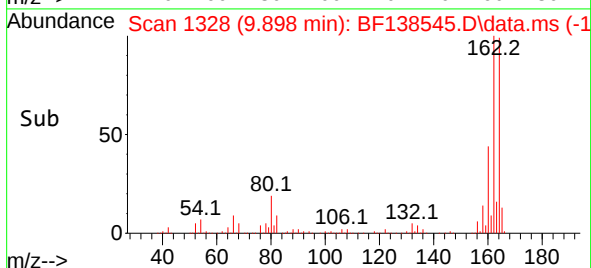
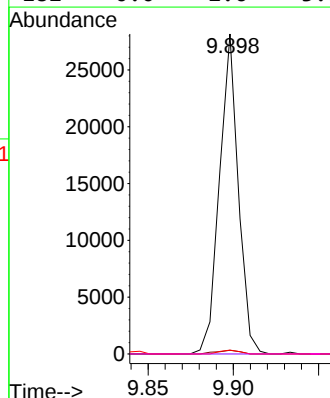
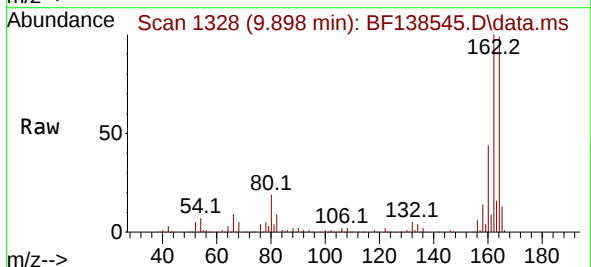
Instrument :
BNA_F
ClientSampleId :
FILL-MATERIAL-1

Tgt Ion:165 Resp: 21679
Ion Ratio Lower Upper
165 100
63 1.2 48.1 72.1#
89 1.2 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.721 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138545.D
Acq: 12 Jul 2024 14:33

Tgt Ion:165 Resp: 21679
Ion Ratio Lower Upper
165 100
63 1.2 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1

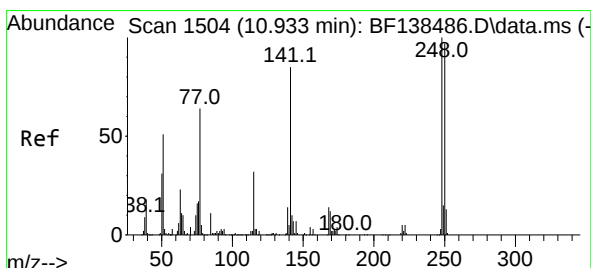
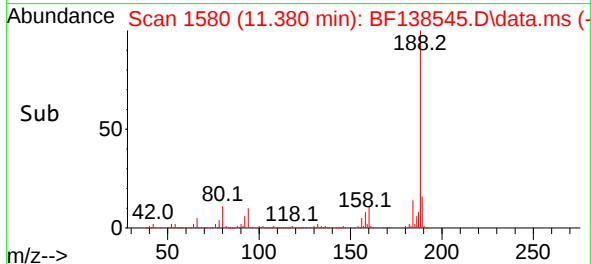
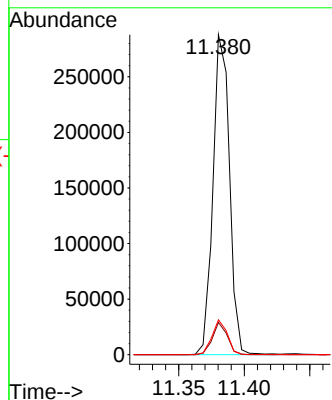
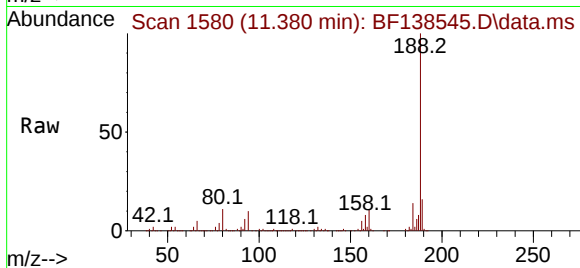
Tgt Ion:188 Resp: 252116

Ion Ratio Lower Upper

188 100

94 10.1 8.7 13.1

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.671 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

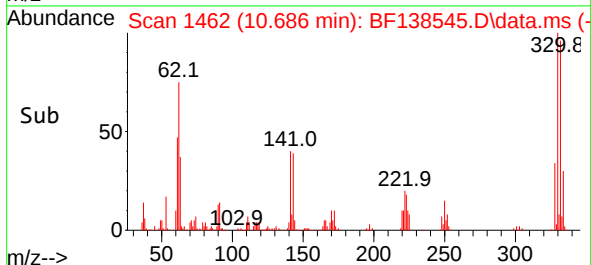
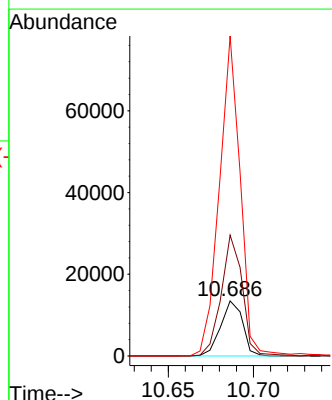
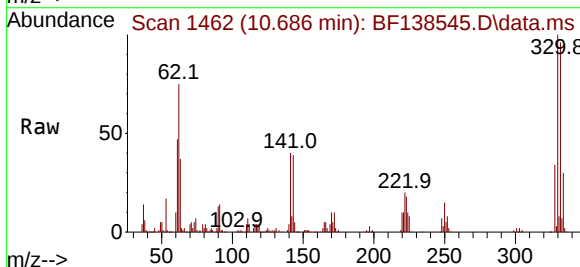
Tgt Ion:248 Resp: 12104

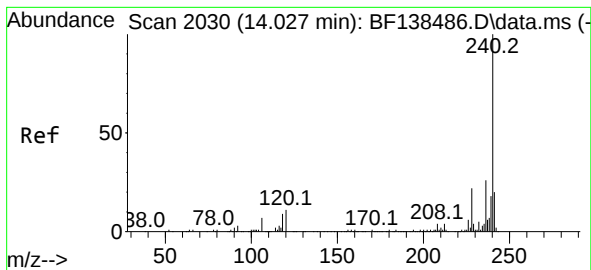
Ion Ratio Lower Upper

248 100

250 219.5 77.9 116.9#

141 581.2 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1

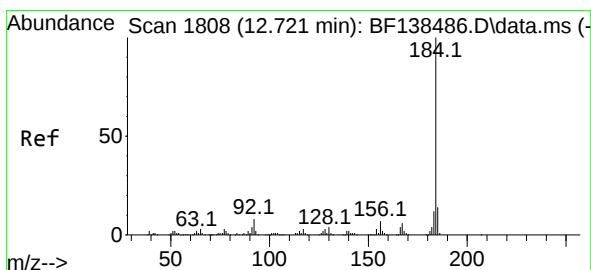
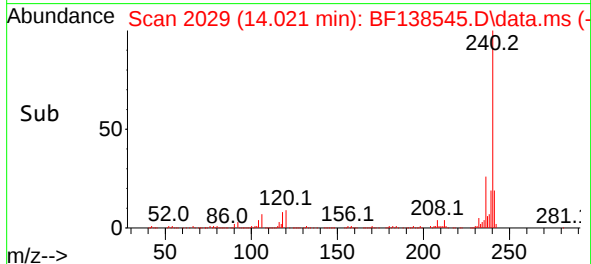
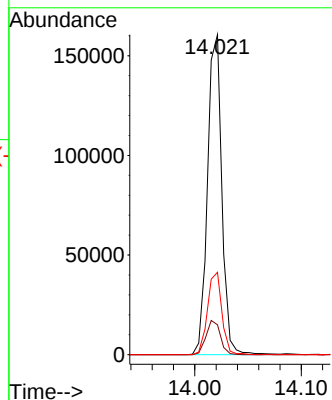
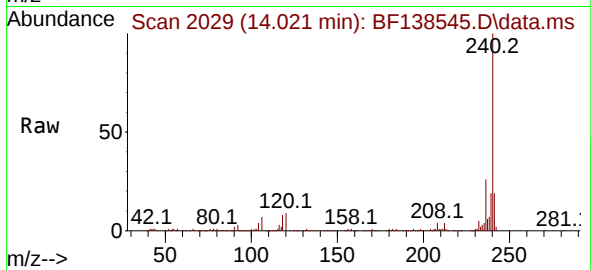
Tgt Ion:240 Resp: 150288

Ion Ratio Lower Upper

240 100

120 9.3 8.6 12.8

236 25.7 21.0 31.6



#77

Benzidine

Concen: 2.533 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

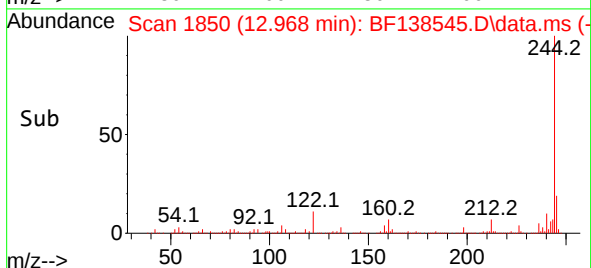
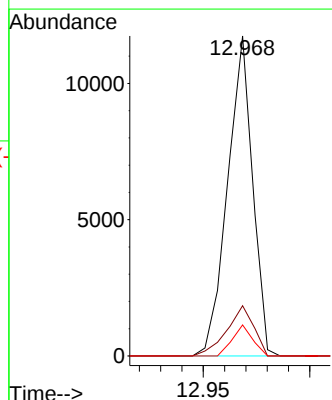
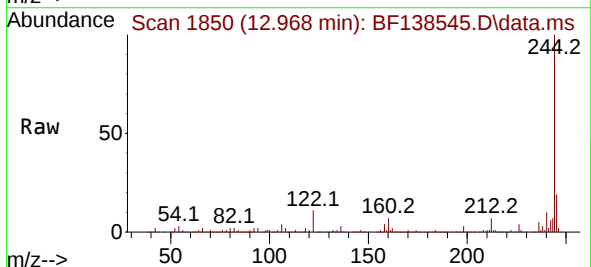
Tgt Ion:184 Resp: 9604

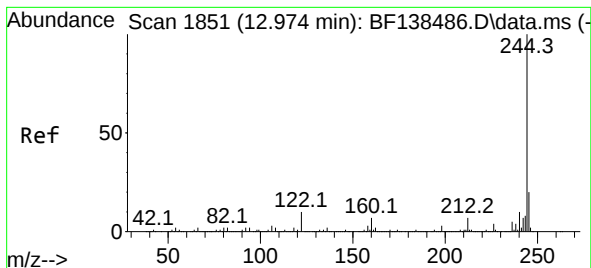
Ion Ratio Lower Upper

184 100

185 15.7 11.3 16.9

183 9.7 9.5 14.3





#79

Terphenyl-d14

Concen: 76.077 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

Instrument :

BNA_F

ClientSampleId :

FILL-MATERIAL-1

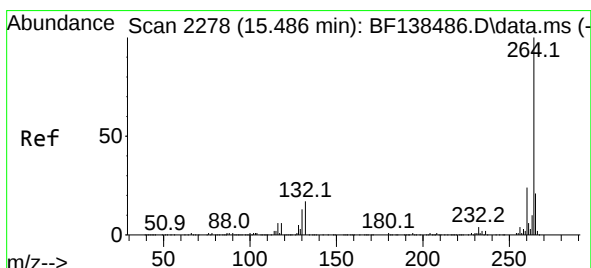
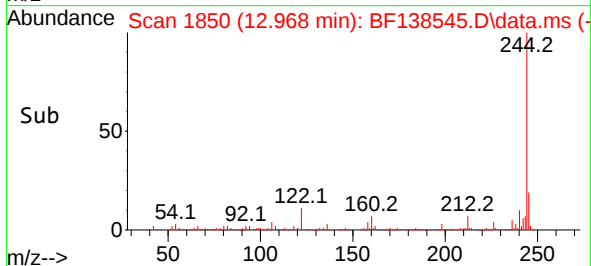
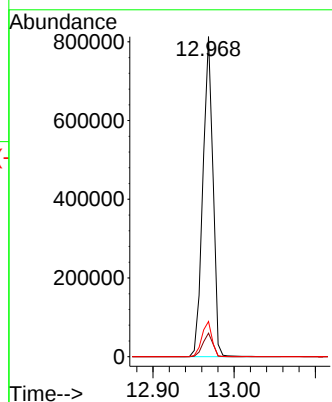
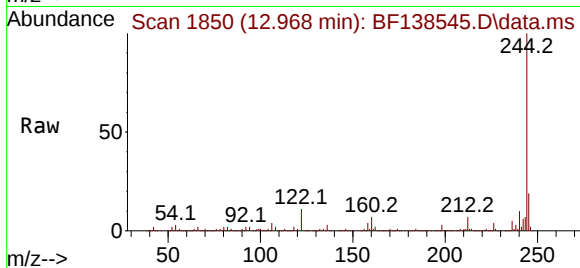
Tgt Ion:244 Resp: 701820

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 11.0 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138545.D

Acq: 12 Jul 2024 14:33

Tgt Ion:264 Resp: 145482

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.1 17.0 25.4

