

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138503.D
 Acq On : 10 Jul 2024 16:08
 Operator : CG\JU
 Sample : P3189-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 240703078-01

Quant Time: Jul 10 16:32:10 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)

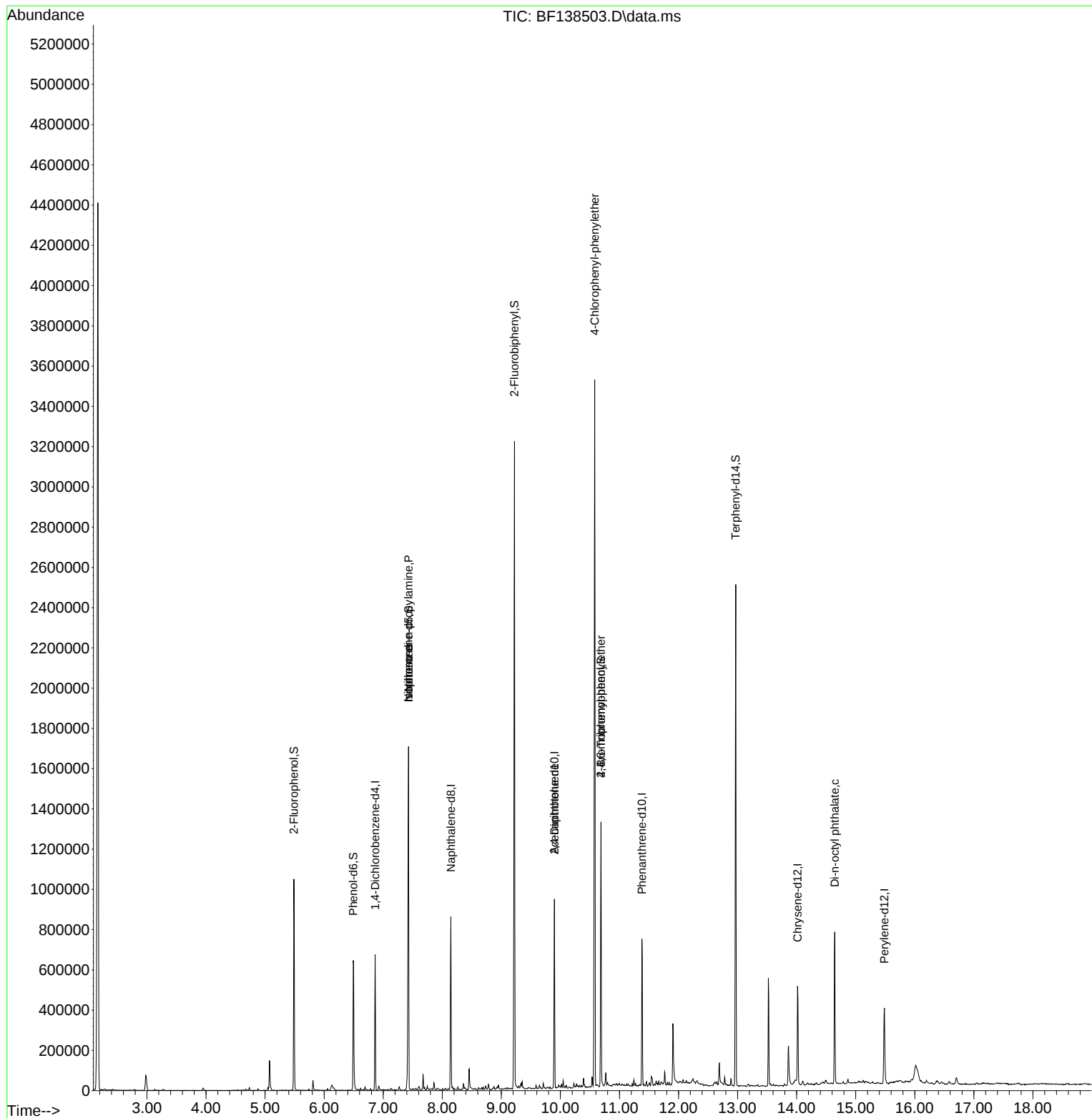
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83143	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	322747	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	170587	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	257111	20.000	ng	0.00
76) Chrysene-d12	14.016	240	155765	20.000	ng	-0.01
86) Perylene-d12	15.486	264	171303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	229454	43.708	ng	0.00
7) Phenol-d6	6.493	99	197071	28.219	ng	-0.01
23) Nitrobenzene-d5	7.428	82	513796	78.161	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	126737	79.494	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	891646	81.692	ng	0.00
79) Terphenyl-d14	12.969	244	766191	80.135	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	68080	15.777	ng	# 74
25) Isophorone	7.428	82	513786	45.513	ng	# 68
57) 2,4-Dinitrotoluene	9.898	165	22288	6.783	ng	# 19
61) 4-Chlorophenyl-phenyle...	10.581	204	12493	2.352	ng	# 42
67) 4-Bromophenyl-phenylether	10.686	248	9053	3.426	ng	# 1
85) Di-n-octyl phthalate	14.645	149	61999	7.736	ng	# 40

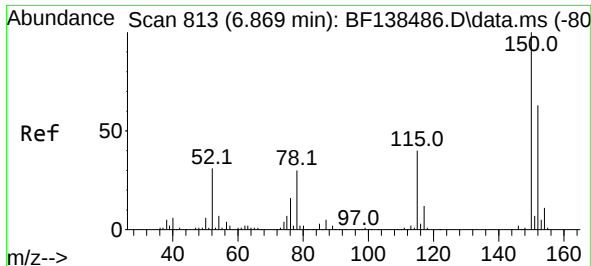
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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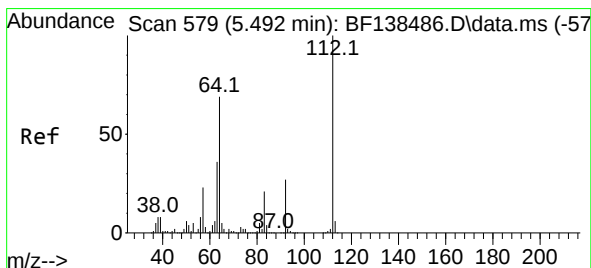
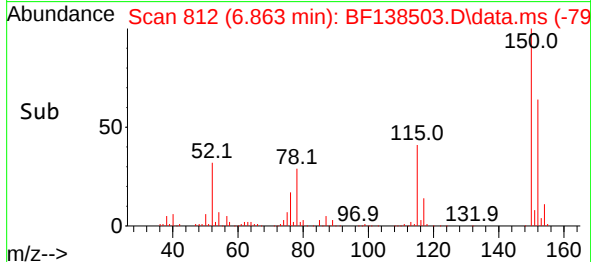
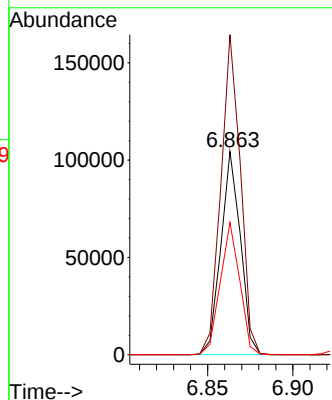
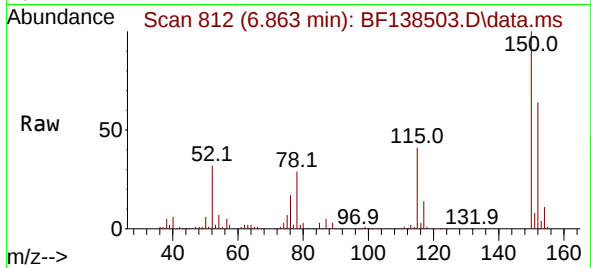




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

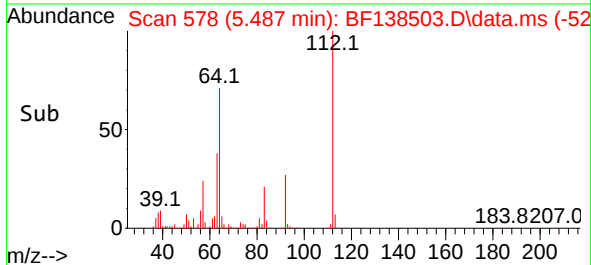
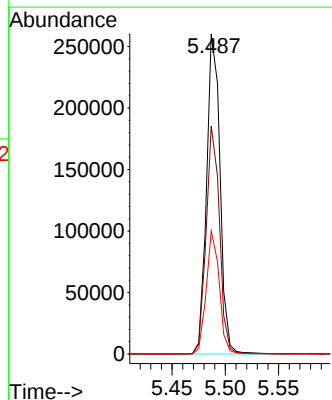
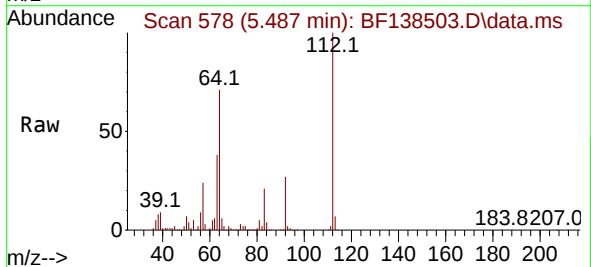
Instrument :
BNA_F
ClientSampleId :
240703078-01

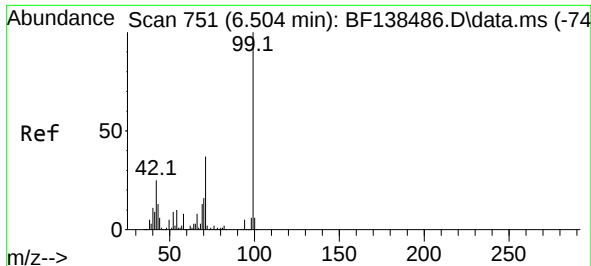
Tgt Ion:152 Resp: 83143
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 65.0 50.3 75.5



#5
2-Fluorophenol
Concen: 43.708 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

Tgt Ion:112 Resp: 229454
Ion Ratio Lower Upper
112 100
64 71.2 55.1 82.7
63 38.4 29.0 43.6

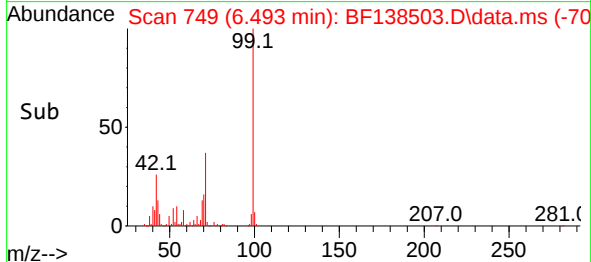
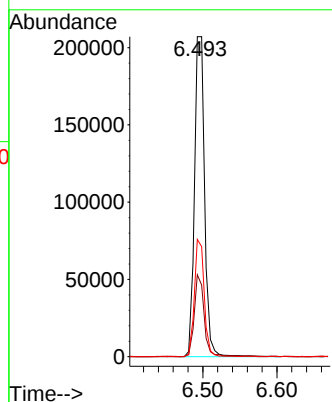
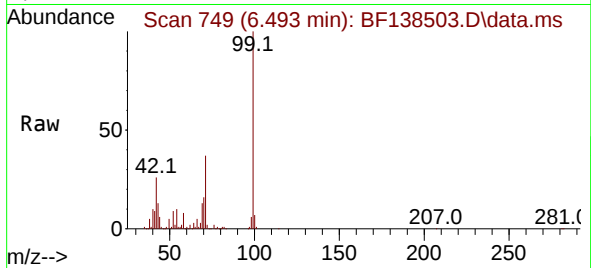




#7
Phenol-d6
Concen: 28.219 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

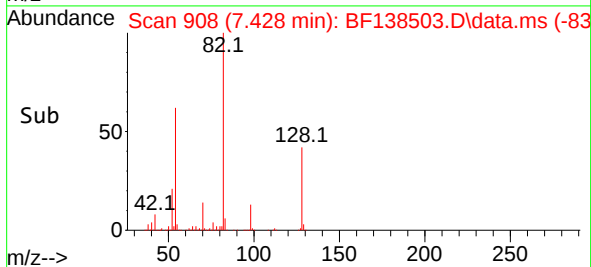
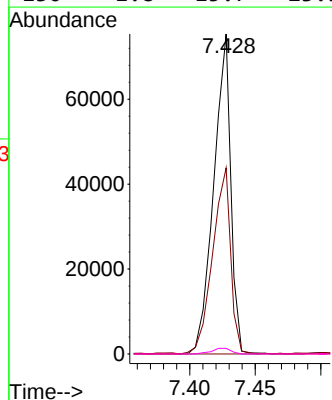
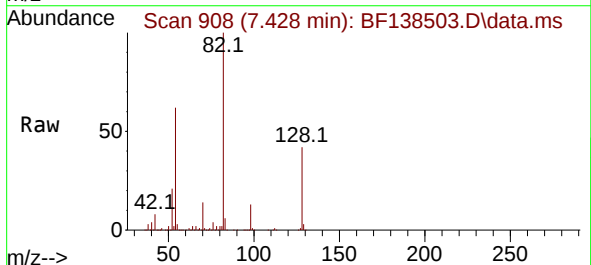
Instrument :
BNA_F
ClientSampleId :
240703078-01

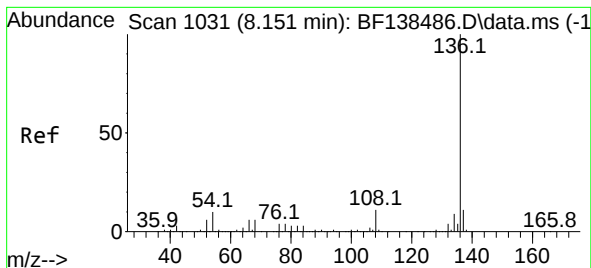
Tgt Ion: 99 Resp: 197071
Ion Ratio Lower Upper
99 100
42 25.6 19.7 29.5
71 36.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.777 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

Tgt Ion: 70 Resp: 68080
Ion Ratio Lower Upper
70 100
42 58.2 62.4 93.6#
101 0.0 7.2 10.8#
130 1.8 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: BF138503.D

Acq: 10 Jul 2024 16:08

Instrument :

BNA_F

ClientSampleId :

240703078-01

Tgt Ion:136 Resp: 322747

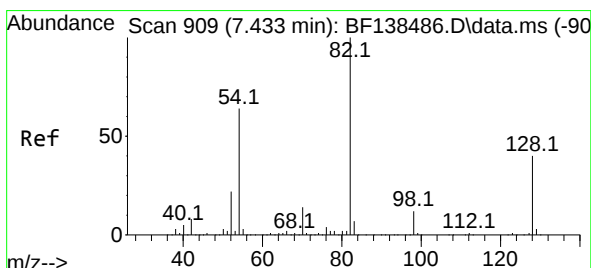
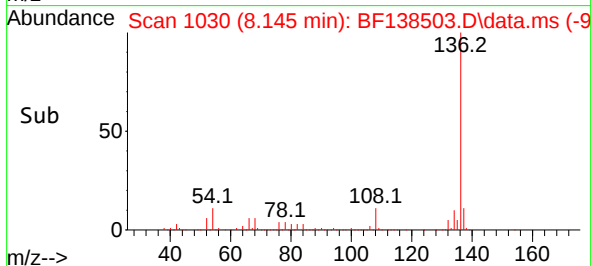
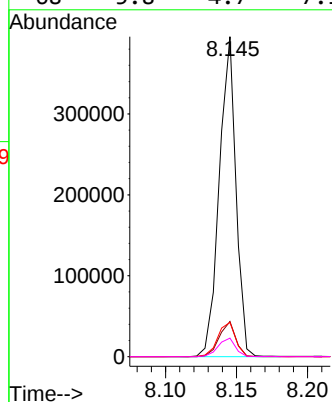
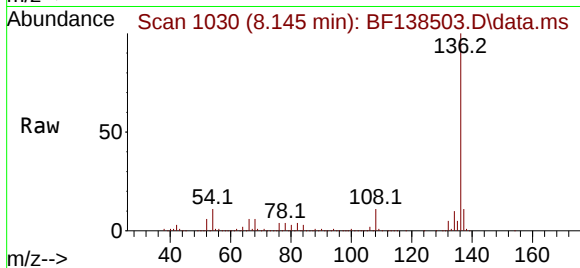
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.7 8.1 12.1

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 78.161 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

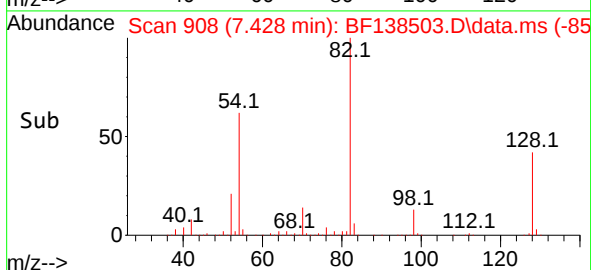
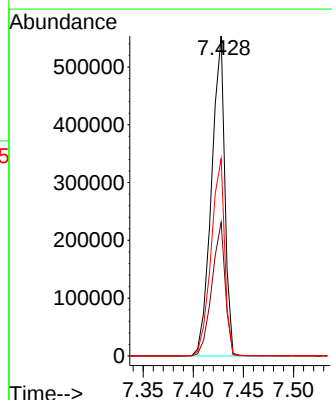
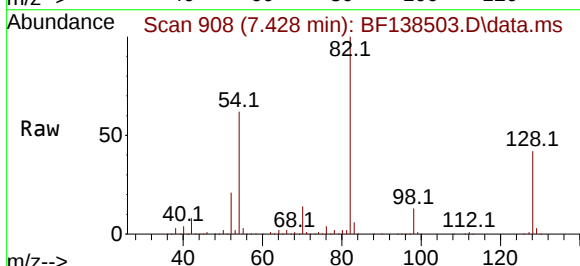
Tgt Ion: 82 Resp: 513796

Ion Ratio Lower Upper

82 100

128 41.8 32.3 48.5

54 61.7 51.4 77.0

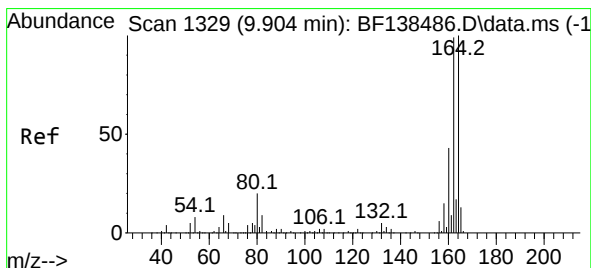
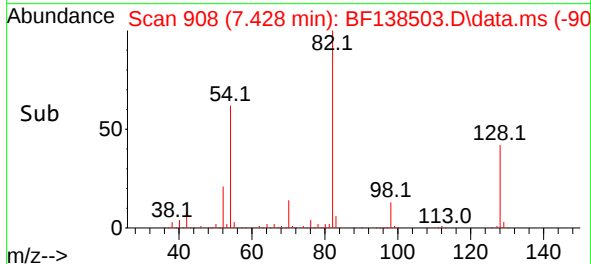
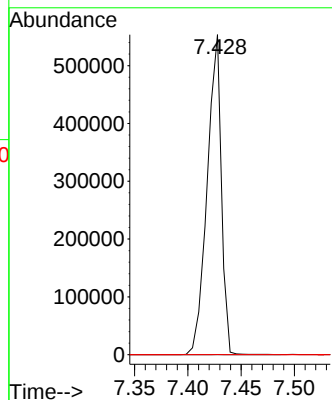
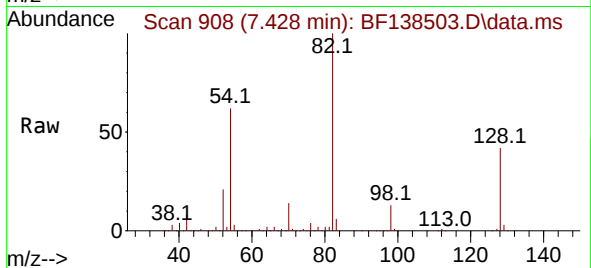




#25
Isophorone
Concen: 45.513 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

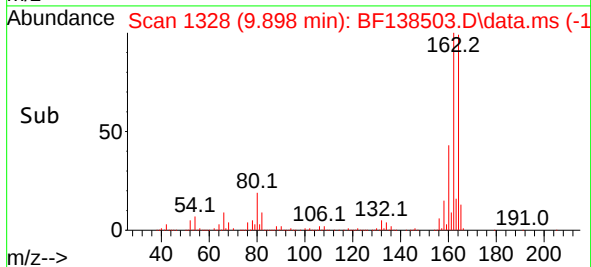
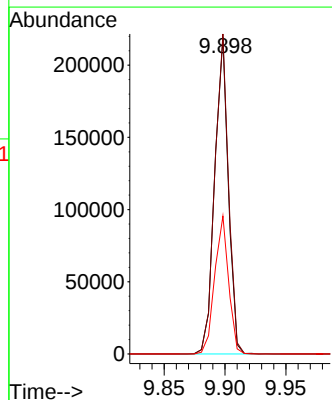
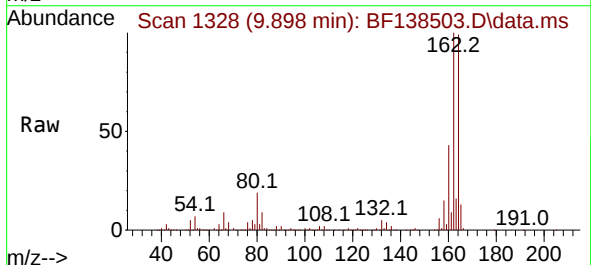
Instrument :
BNA_F
ClientSampleId :
240703078-01

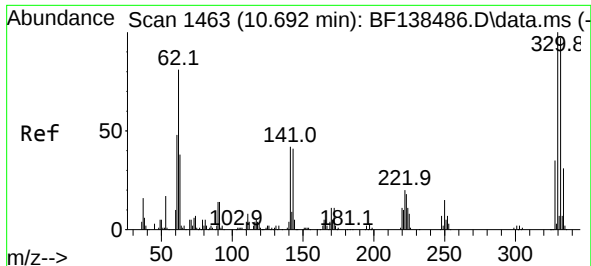
Tgt Ion: 82 Resp: 513786
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

Tgt Ion: 164 Resp: 170587
Ion Ratio Lower Upper
164 100
162 101.1 79.0 118.6
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 79.494 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138503.D

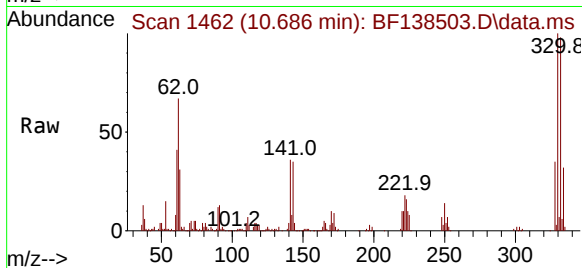
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Instrument :

BNA_F

ClientSampleId :

240703078-01



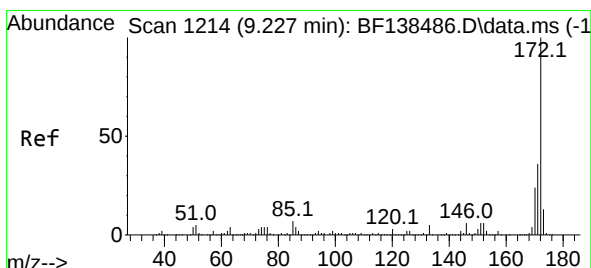
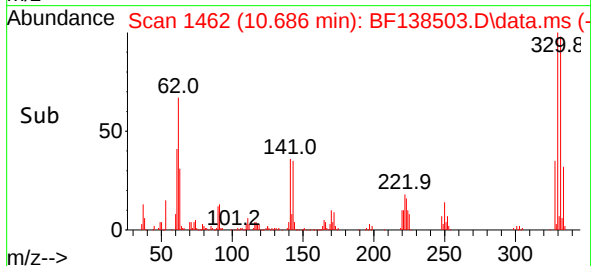
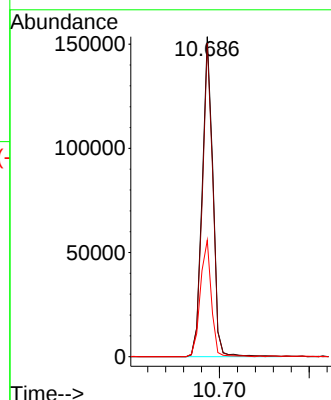
Tgt Ion:330 Resp: 126737

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 37.4 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 81.692 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

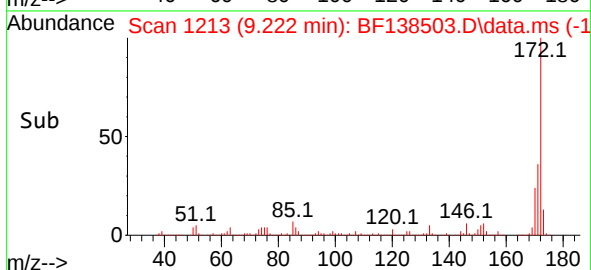
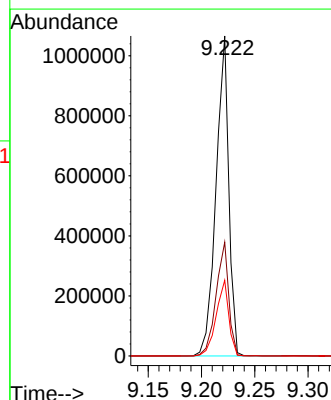
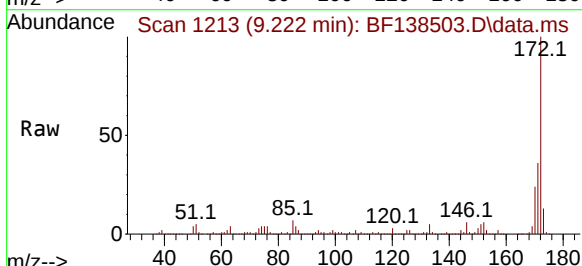
Tgt Ion:172 Resp: 891646

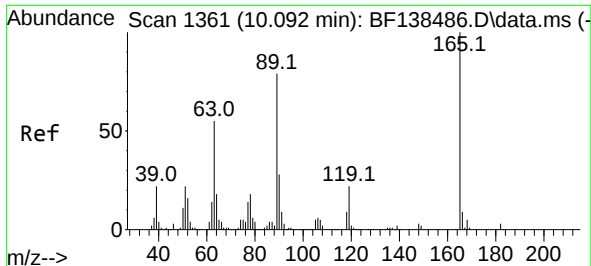
Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

170 23.6 18.9 28.3

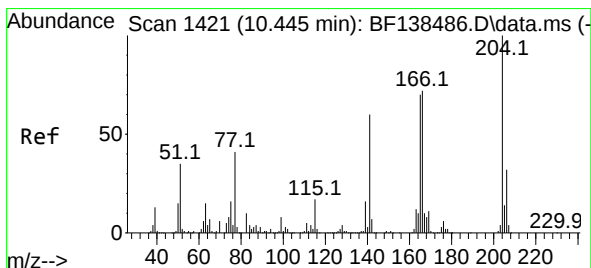
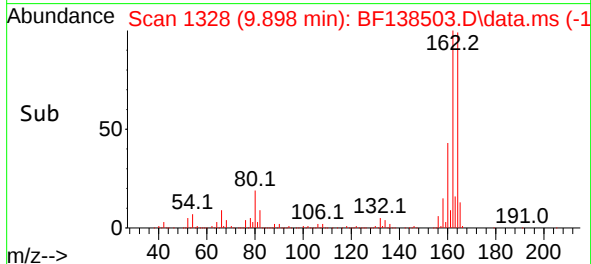
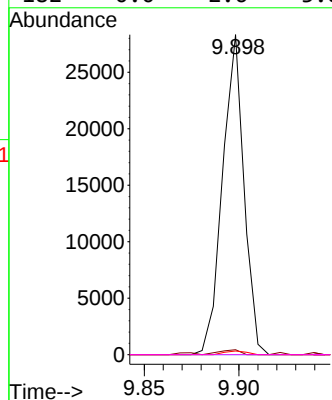
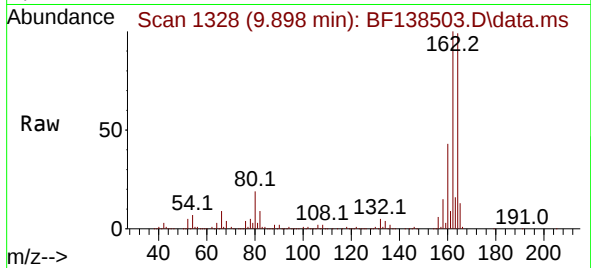




#57
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

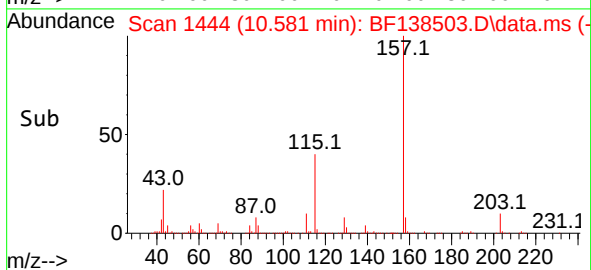
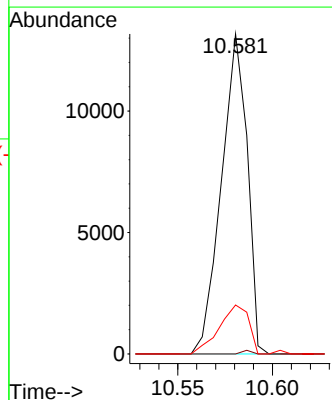
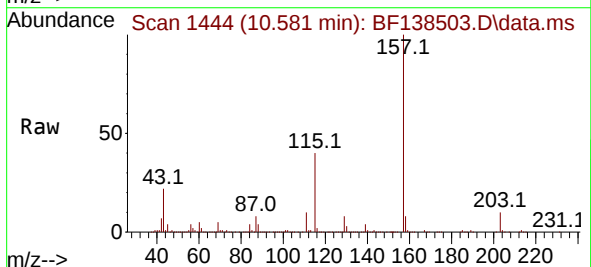
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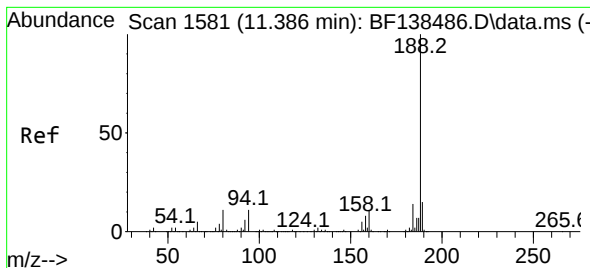
Tgt Ion:165 Resp: 22288
Ion Ratio Lower Upper
165 100
63 1.6 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#



#61
4-Chlorophenyl-phenylether
Concen: 2.352 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.135 min
Lab File: BF138503.D
Acq: 10 Jul 2024 16:08

Tgt Ion:204 Resp: 12493
Ion Ratio Lower Upper
204 100
206 0.0 25.6 38.4#
141 15.3 47.7 71.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

Instrument :

BNA_F

ClientSampleId :

240703078-01

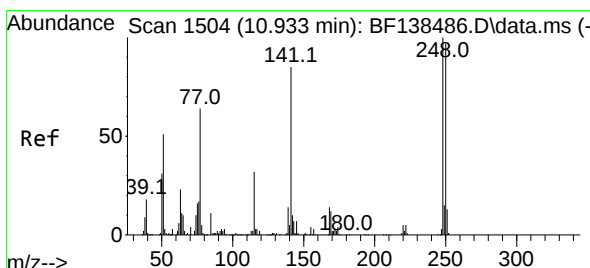
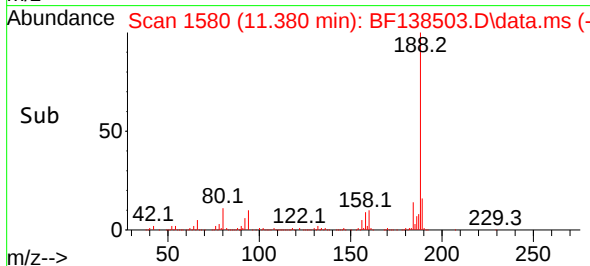
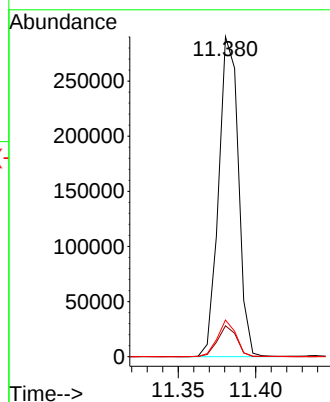
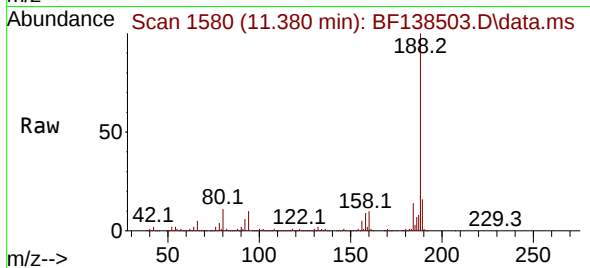
Tgt Ion:188 Resp: 257111

Ion Ratio Lower Upper

188 100

94 9.6 8.7 13.1

80 11.5 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.426 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

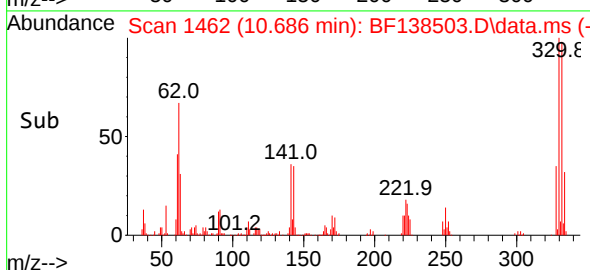
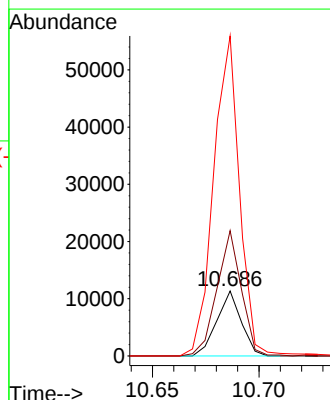
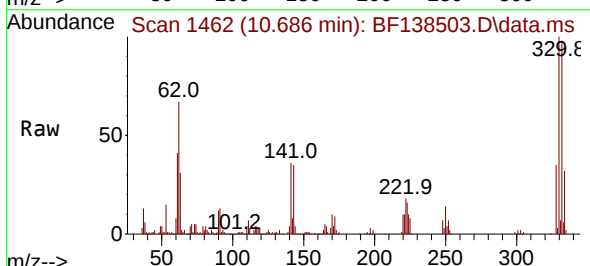
Tgt Ion:248 Resp: 9053

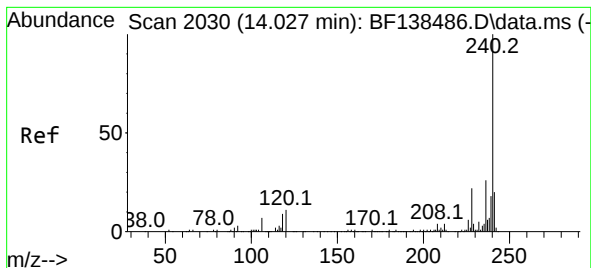
Ion Ratio Lower Upper

248 100

250 193.1 77.9 116.9#

141 492.9 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

Instrument :

BNA_F

ClientSampleId :

240703078-01

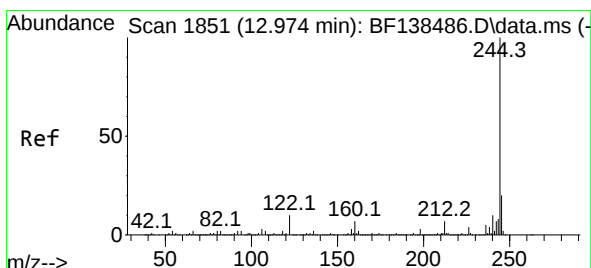
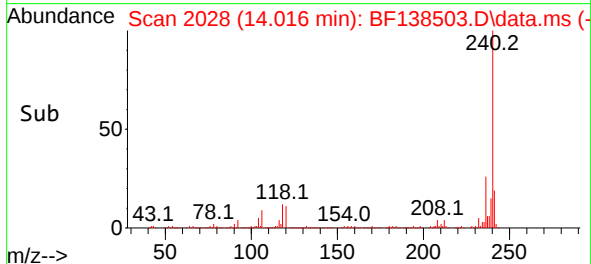
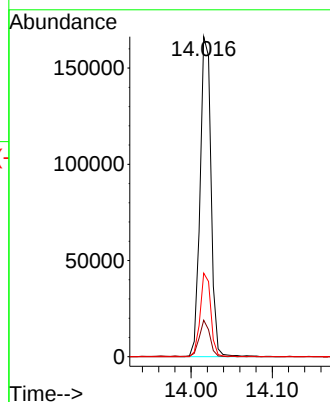
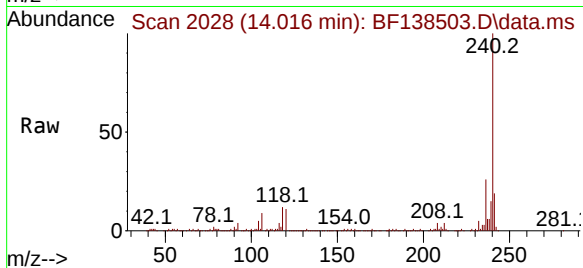
Tgt Ion:240 Resp: 155765

Ion Ratio Lower Upper

240 100

120 11.4 8.6 12.8

236 26.1 21.0 31.6



#79

Terphenyl-d14

Concen: 80.135 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

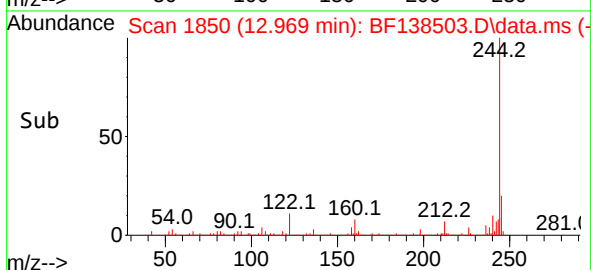
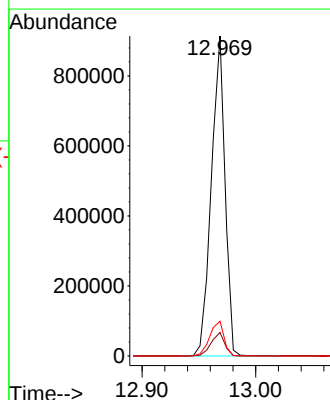
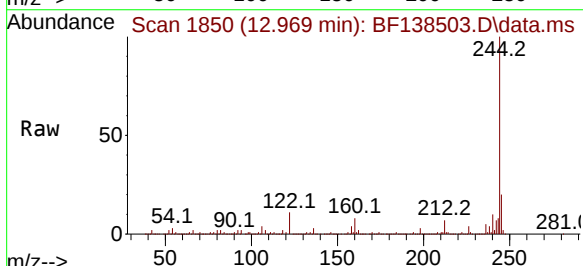
Tgt Ion:244 Resp: 766191

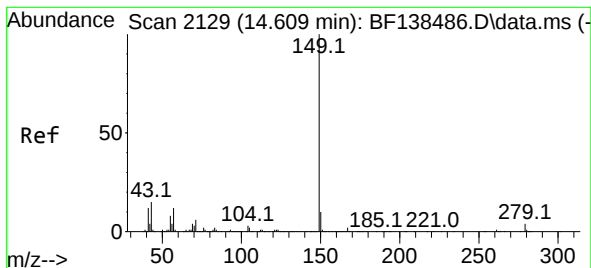
Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

122 10.9 7.8 11.8





#85

Di-n-octyl phthalate

Concen: 7.736 ng

RT: 14.645 min Scan# 2135

Delta R.T. 0.036 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

Instrument :

BNA_F

ClientSampleId :

240703078-01

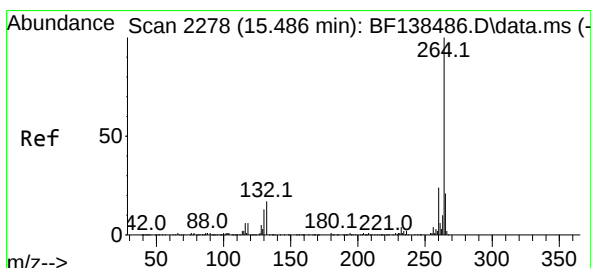
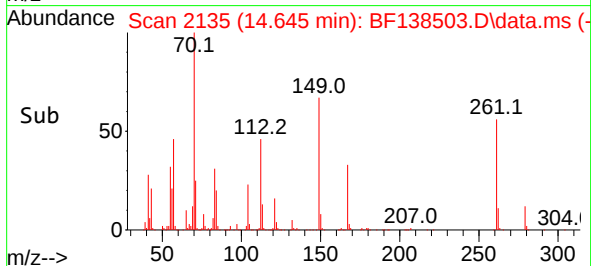
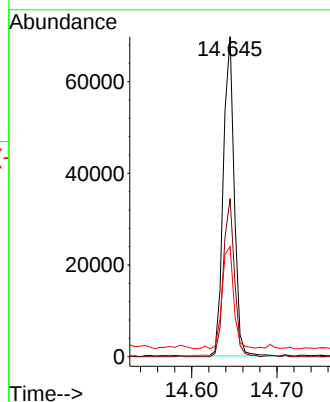
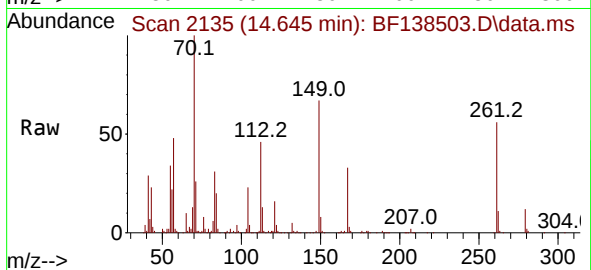
Tgt Ion:149 Resp: 61999

Ion Ratio Lower Upper

149 100

167 49.7 1.3 1.9#

43 34.0 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138503.D

Acq: 10 Jul 2024 16:08

Tgt Ion:264 Resp: 171303

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.6

265 21.9 17.0 25.4

