

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
 Data File : BF138592.D
 Acq On : 19 Jul 2024 16:30
 Operator : RC/JU
 Sample : P3246-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-05

Quant Time: Jul 19 16:54:52 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)

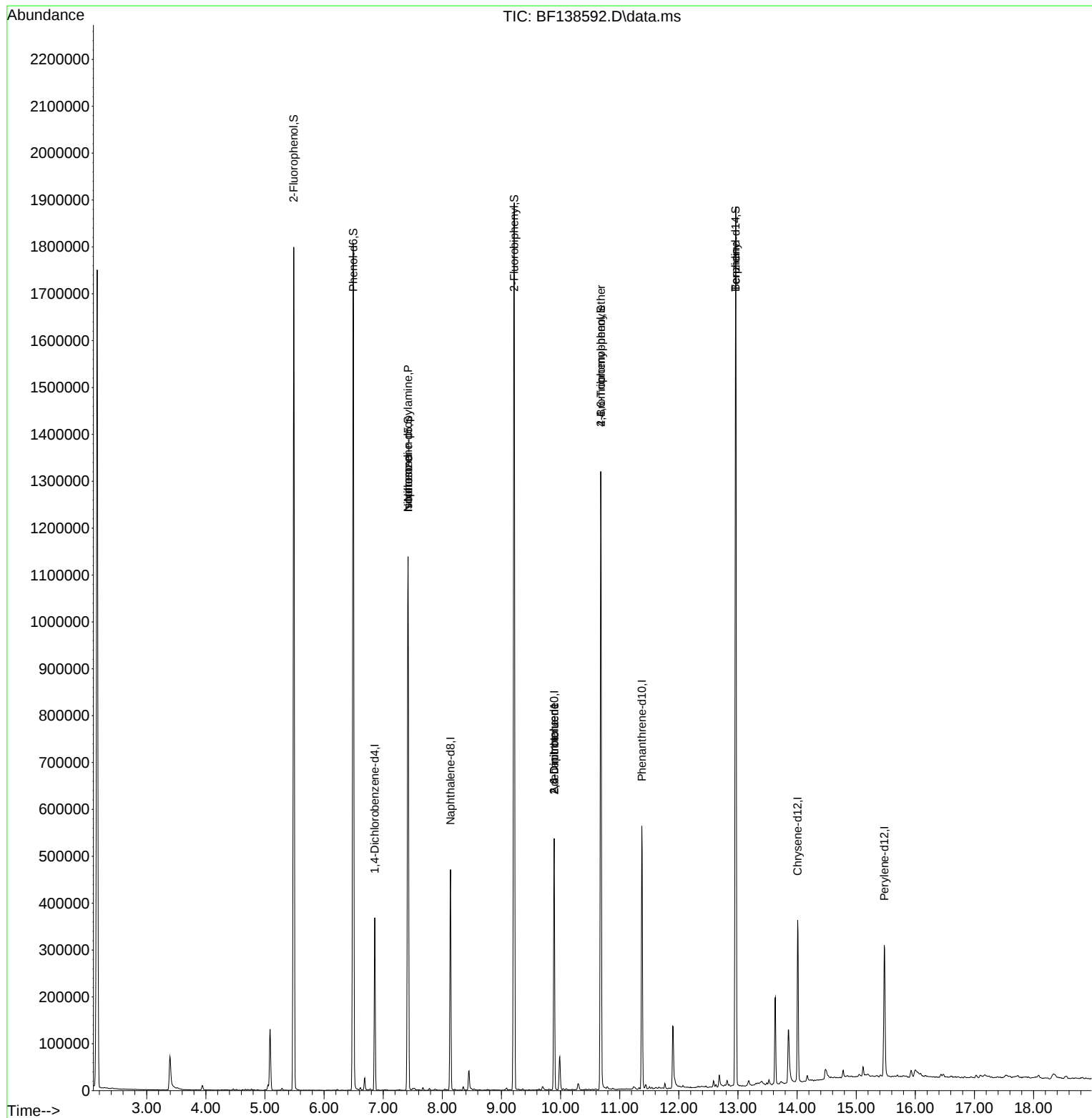
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	69560	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	276064	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	151592	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	280217	20.000	ng	-0.01
76) Chrysene-d12	14.009	240	151812	20.000	ng	-0.02
86) Perylene-d12	15.474	264	158019	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	599930	136.593	ng	0.00
7) Phenol-d6	6.492	99	822810	140.825	ng	-0.01
23) Nitrobenzene-d5	7.422	82	514602	91.521	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	206311	145.620	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	817180	84.251	ng	-0.01
79) Terphenyl-d14	12.963	244	886308	95.111	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	68516	18.978	ng	# 73
25) Isophorone	7.422	82	512145	53.039	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	19170	8.494	ng	# 24
57) 2,4-Dinitrotoluene	9.892	165	19170	6.565	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	13534	4.699	ng	# 1
77) Benzidine	12.963	184	11954	3.121	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
Data File : BF138592.D
Acq On : 19 Jul 2024 16:30
Operator : RC/JU
Sample : P3246-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

Quant Time: Jul 19 16:54:52 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

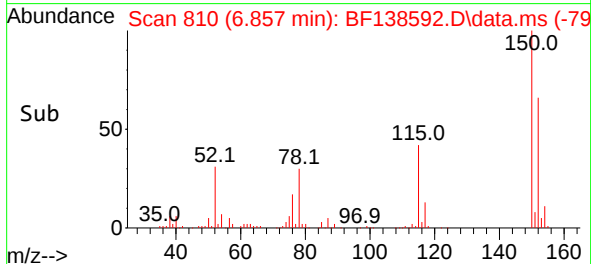
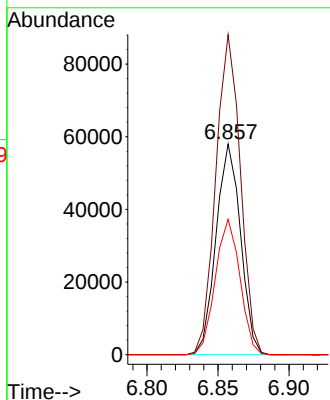
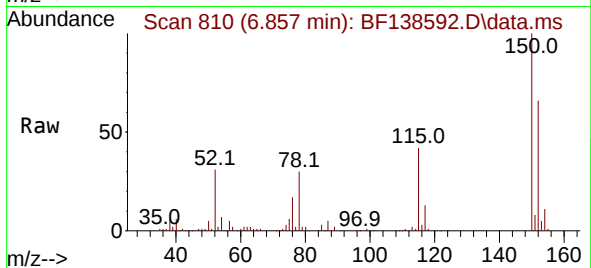




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

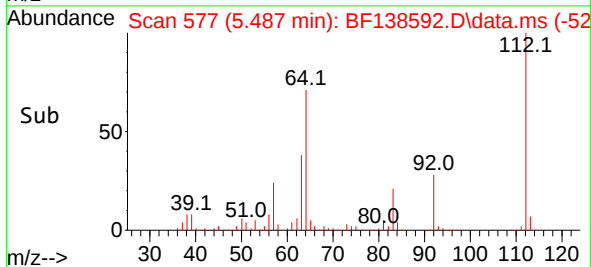
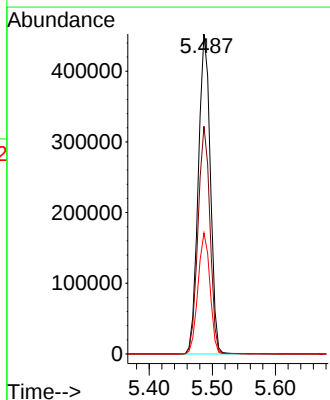
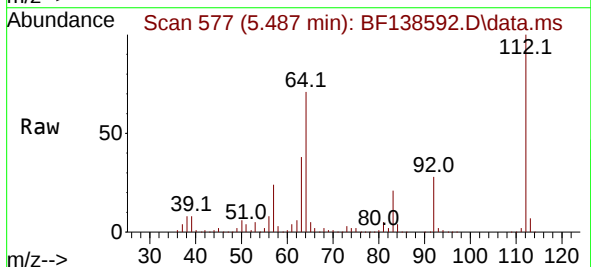
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

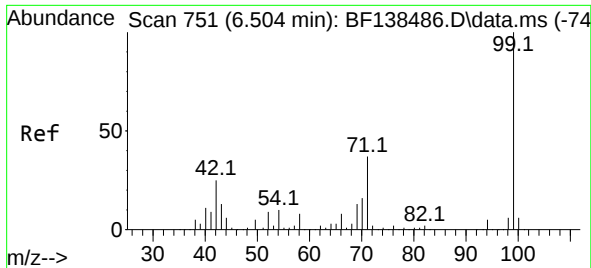
Tgt Ion:152 Resp: 69560
Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.4
115 64.2 50.3 75.5



#5
2-Fluorophenol
Concen: 136.593 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

Tgt Ion:112 Resp: 599930
Ion Ratio Lower Upper
112 100
64 71.1 55.1 82.7
63 37.8 29.0 43.6

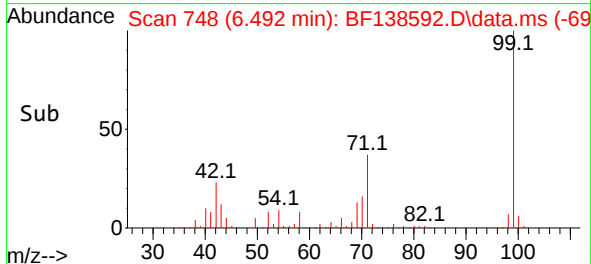
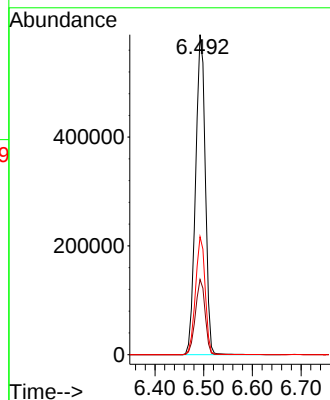
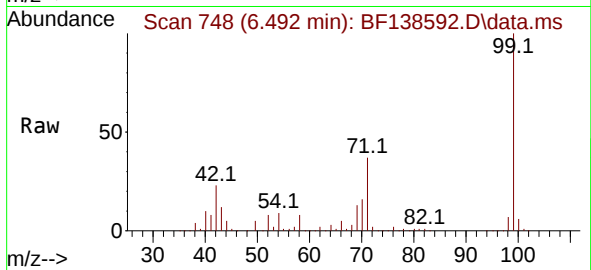




#7
Phenol-d6
Concen: 140.825 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

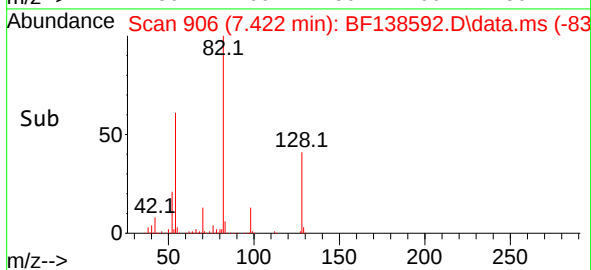
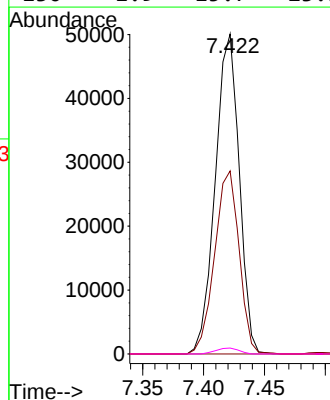
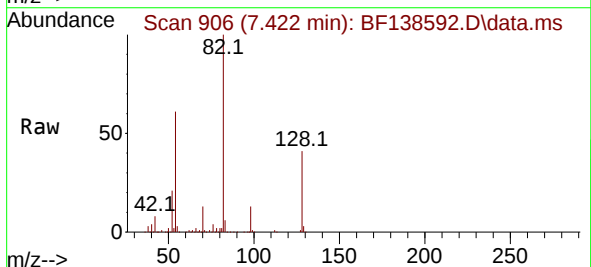
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

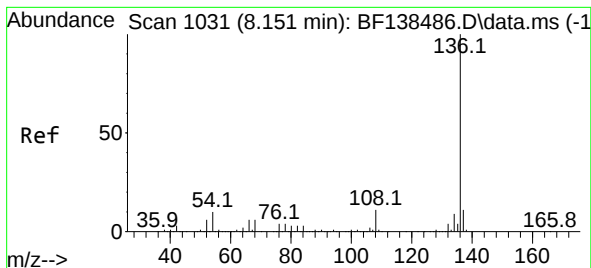
Tgt Ion: 99 Resp: 822810
Ion Ratio Lower Upper
99 100
42 23.5 19.7 29.5
71 36.9 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.978 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

Tgt Ion: 70 Resp: 68516
Ion Ratio Lower Upper
70 100
42 57.2 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: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138592.D

Acq: 19 Jul 2024 16:30

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-05

Tgt Ion:136 Resp: 276064

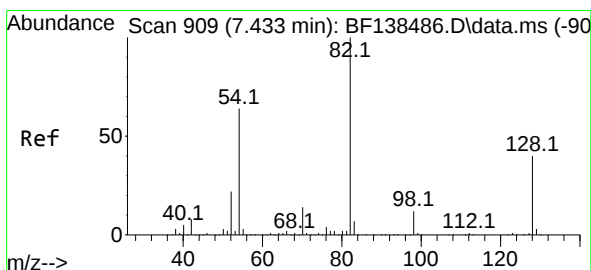
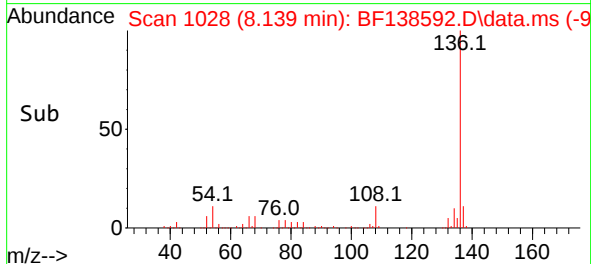
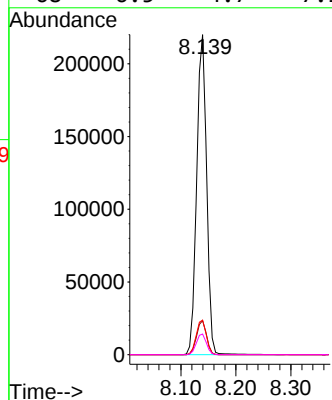
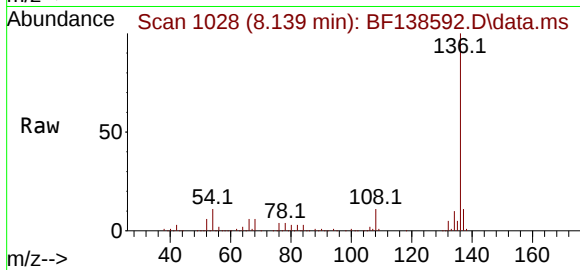
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.8 8.1 12.1

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 91.521 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138592.D

Acq: 19 Jul 2024 16:30

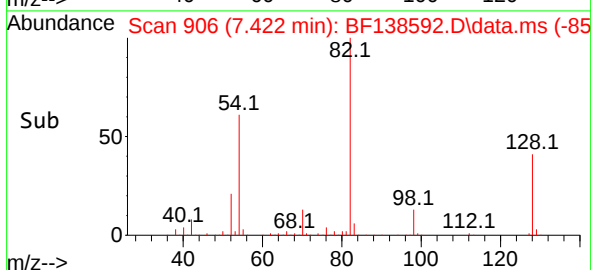
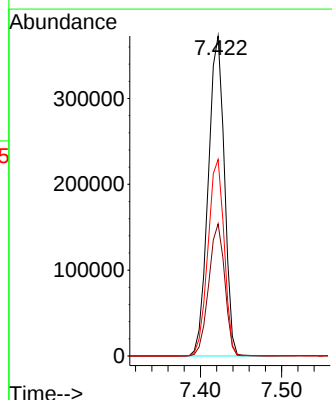
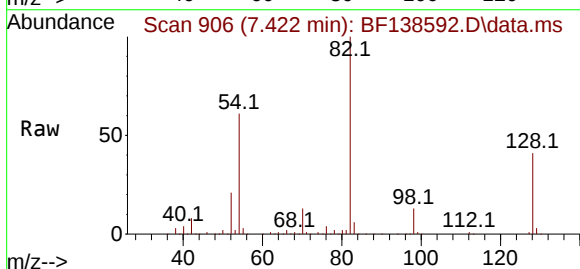
Tgt Ion: 82 Resp: 514602

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 61.4 51.4 77.0

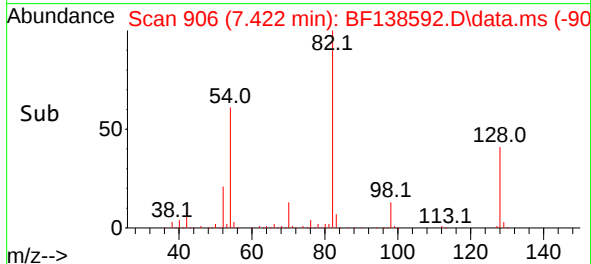
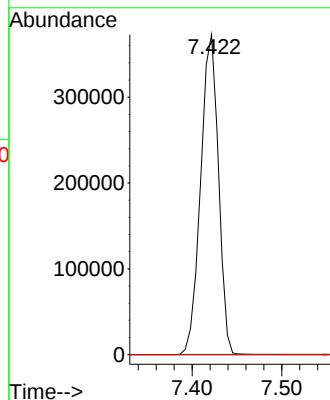
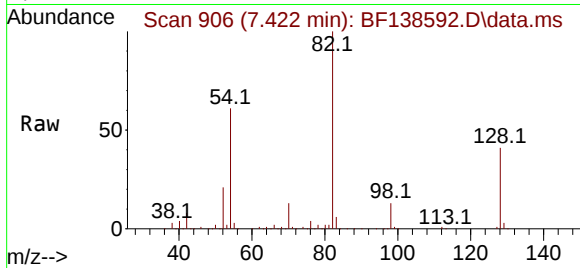




#25
Isophorone
Concen: 53.039 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

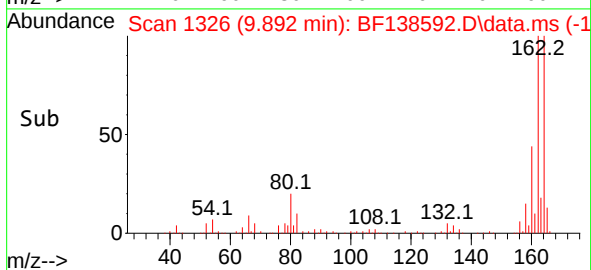
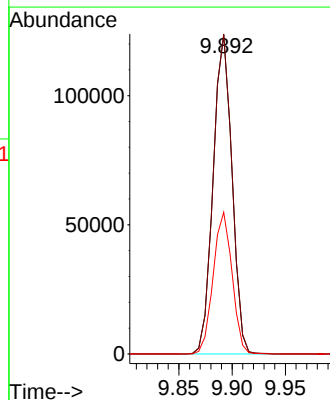
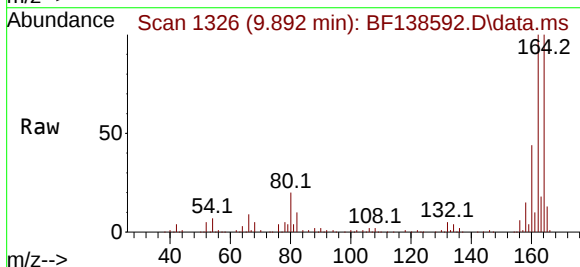
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

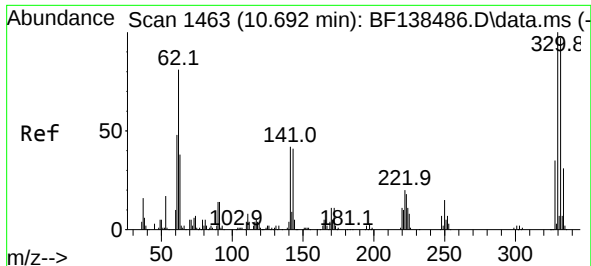
Tgt Ion: 82 Resp: 512145
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

Tgt Ion:164 Resp: 151592
Ion Ratio Lower Upper
164 100
162 100.3 79.0 118.6
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 145.620 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF138592.D

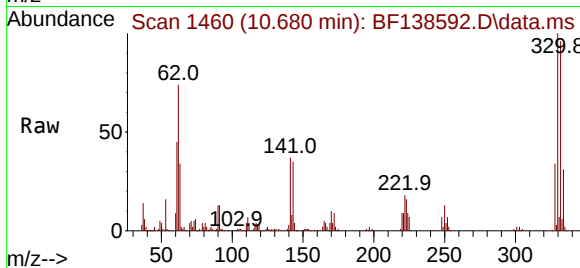
Acq: 19 Jul 2024 16:30

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-05



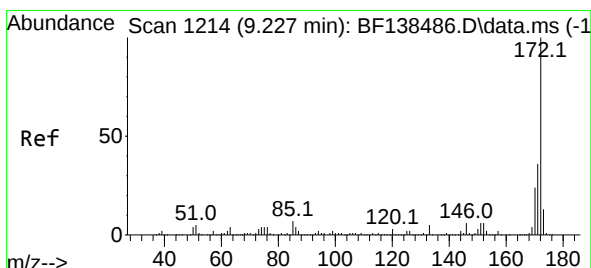
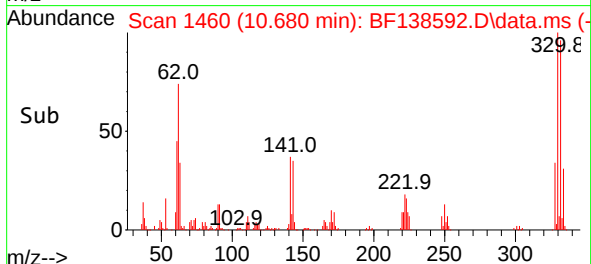
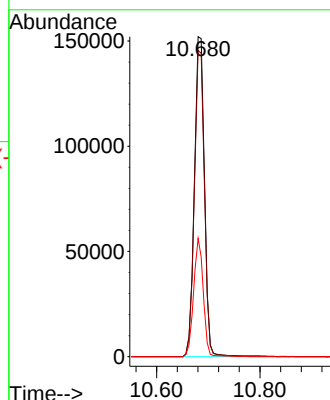
Tgt Ion:330 Resp: 206311

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

141 35.3 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 84.251 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138592.D

Acq: 19 Jul 2024 16:30

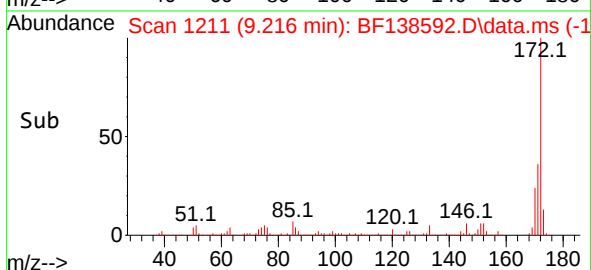
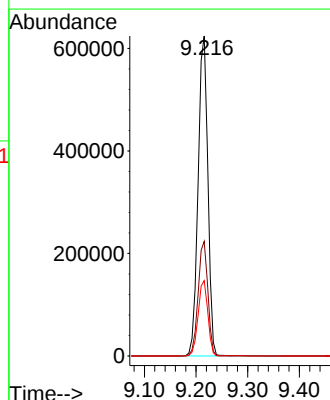
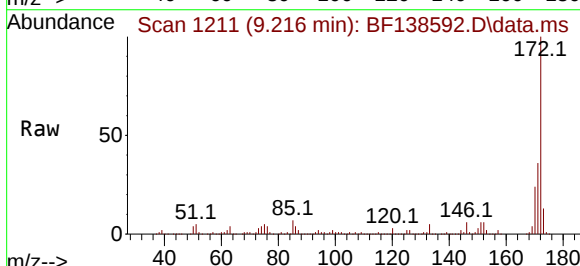
Tgt Ion:172 Resp: 817180

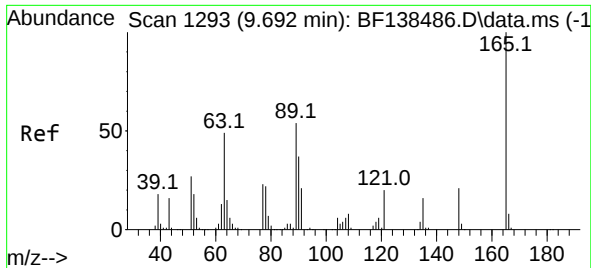
Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

170 23.5 18.9 28.3

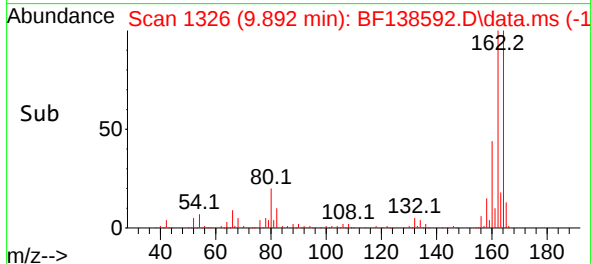
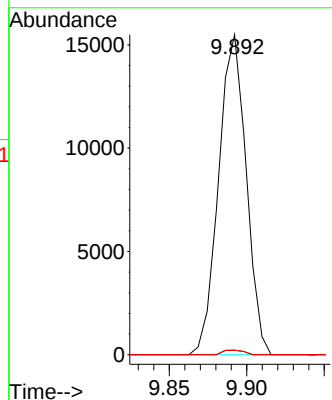
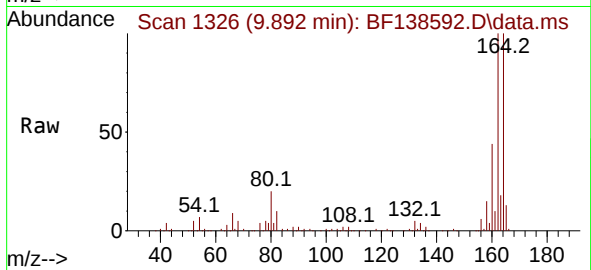




#51
2,6-Dinitrotoluene
Concen: 8.494 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

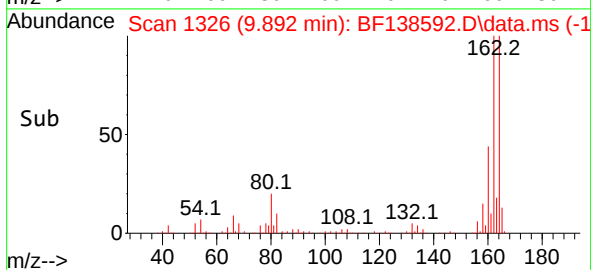
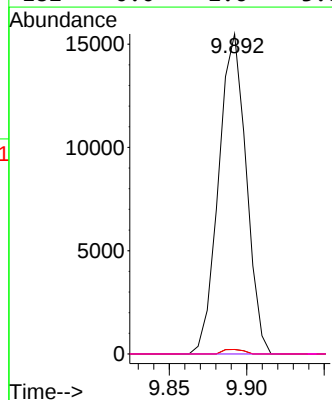
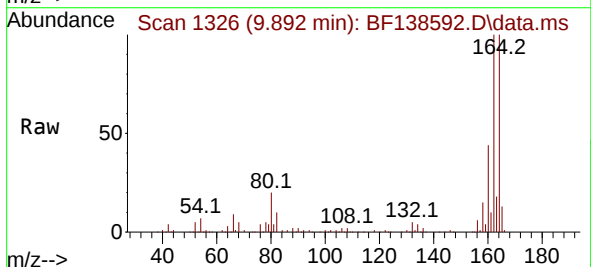
Instrument :
BNA_F
ClientSampleId :
WC-CTW2-BL-05

Tgt Ion:165 Resp: 19170
Ion Ratio Lower Upper
165 100
63 1.4 48.1 72.1#
89 1.4 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF138592.D
Acq: 19 Jul 2024 16:30

Tgt Ion:165 Resp: 19170
Ion Ratio Lower Upper
165 100
63 1.4 44.6 66.8#
89 1.4 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138592.D

Acq: 19 Jul 2024 16:30

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-05

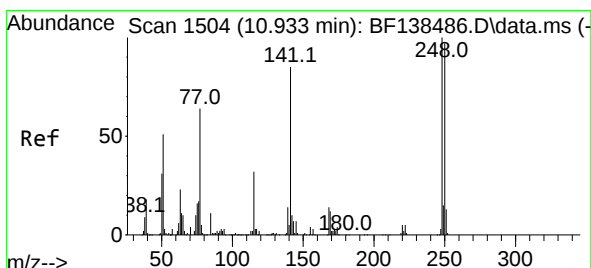
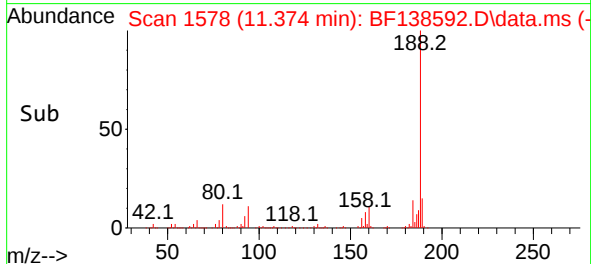
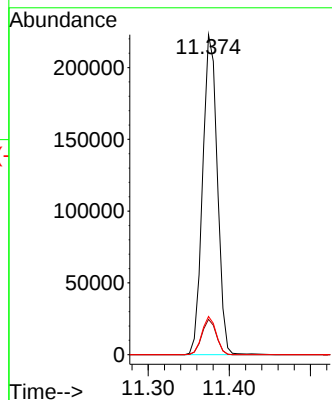
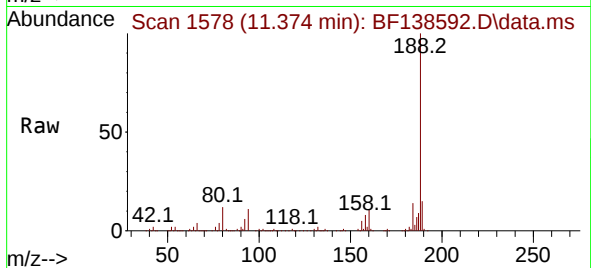
Tgt Ion:188 Resp: 280217

Ion Ratio Lower Upper

188 100

94 11.1 8.7 13.1

80 12.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.699 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF138592.D

Acq: 19 Jul 2024 16:30

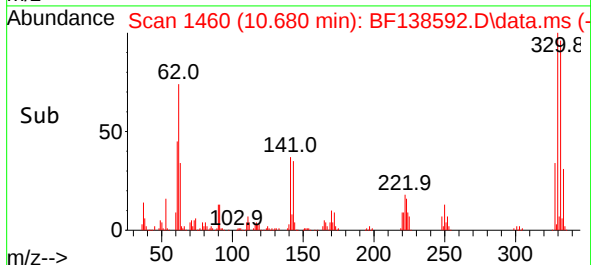
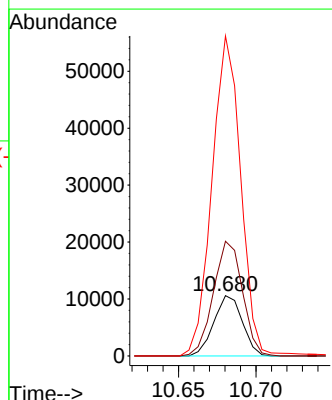
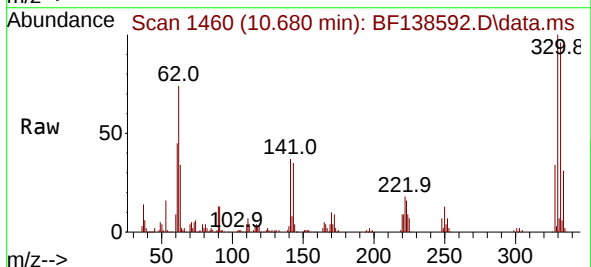
Tgt Ion:248 Resp: 13534

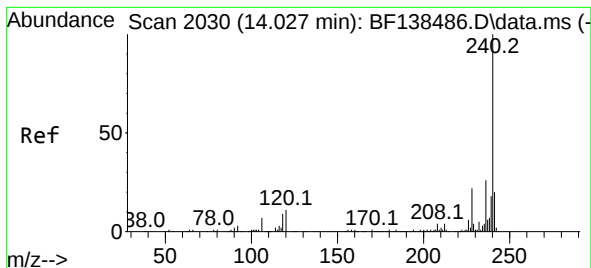
Ion Ratio Lower Upper

248 100

250 190.2 77.9 116.9#

141 530.7 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF138592.D

Acq: 19 Jul 2024 16:30

Instrument :

BNA_F

ClientSampleId :

WC-CTW2-BL-05

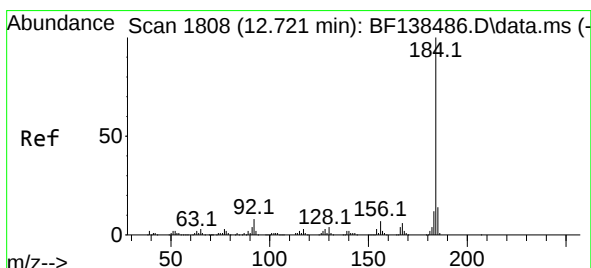
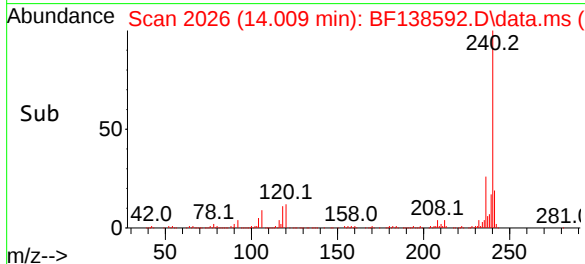
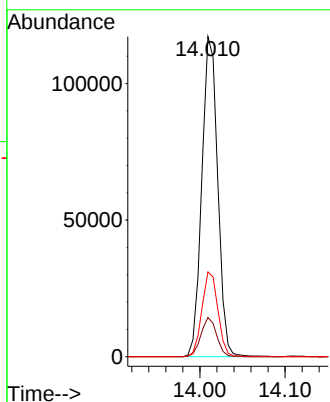
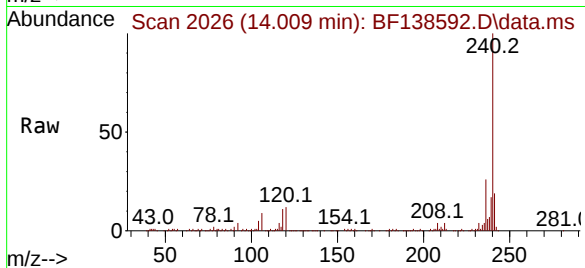
Tgt Ion:240 Resp: 151812

Ion Ratio Lower Upper

240 100

120 12.2 8.6 12.8

236 26.5 21.0 31.6



#77

Benzidine

Concen: 3.121 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.242 min

Lab File: BF138592.D

Acq: 19 Jul 2024 16:30

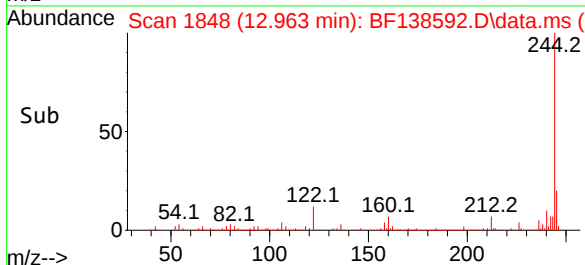
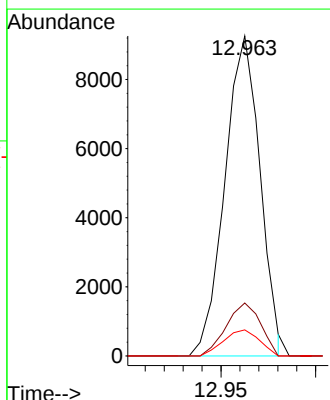
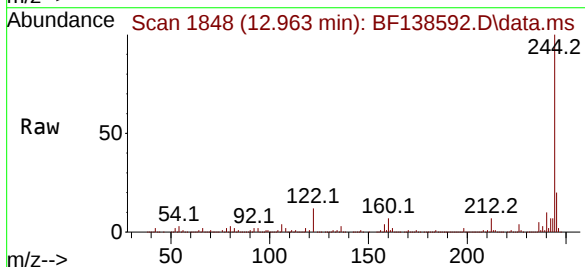
Tgt Ion:184 Resp: 11954

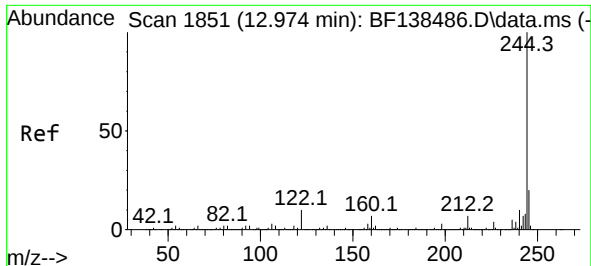
Ion Ratio Lower Upper

184 100

185 16.6 11.3 16.9

183 8.2 9.5 14.3#

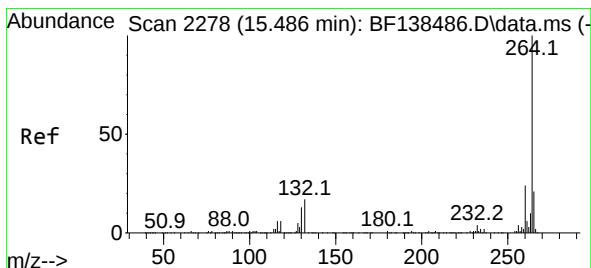
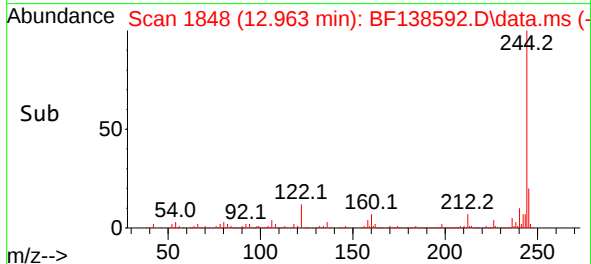
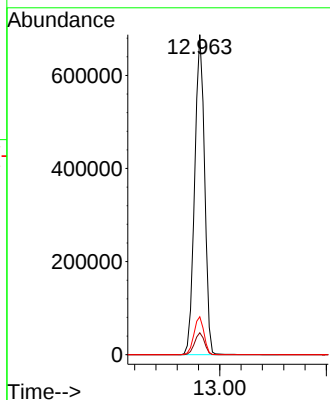
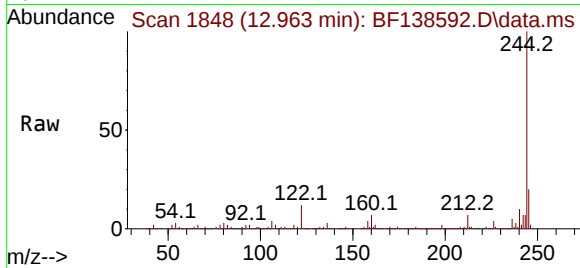




#79
 Terphenyl-d14
 Concen: 95.111 ng
 RT: 12.963 min Scan# 1848
 Delta R.T. -0.012 min
 Lab File: BF138592.D
 Acq: 19 Jul 2024 16:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-CTW2-BL-05

Tgt Ion:244 Resp: 886308
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.9 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138592.D
 Acq: 19 Jul 2024 16:30

Tgt Ion:264 Resp: 158019
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.6 17.0 25.4

