

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128588.D
 Acq On : 31 May 2022 10:32
 Operator : CG\JU
 Sample : PB145184BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145184BL

Quant Time: Jun 01 00:56:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

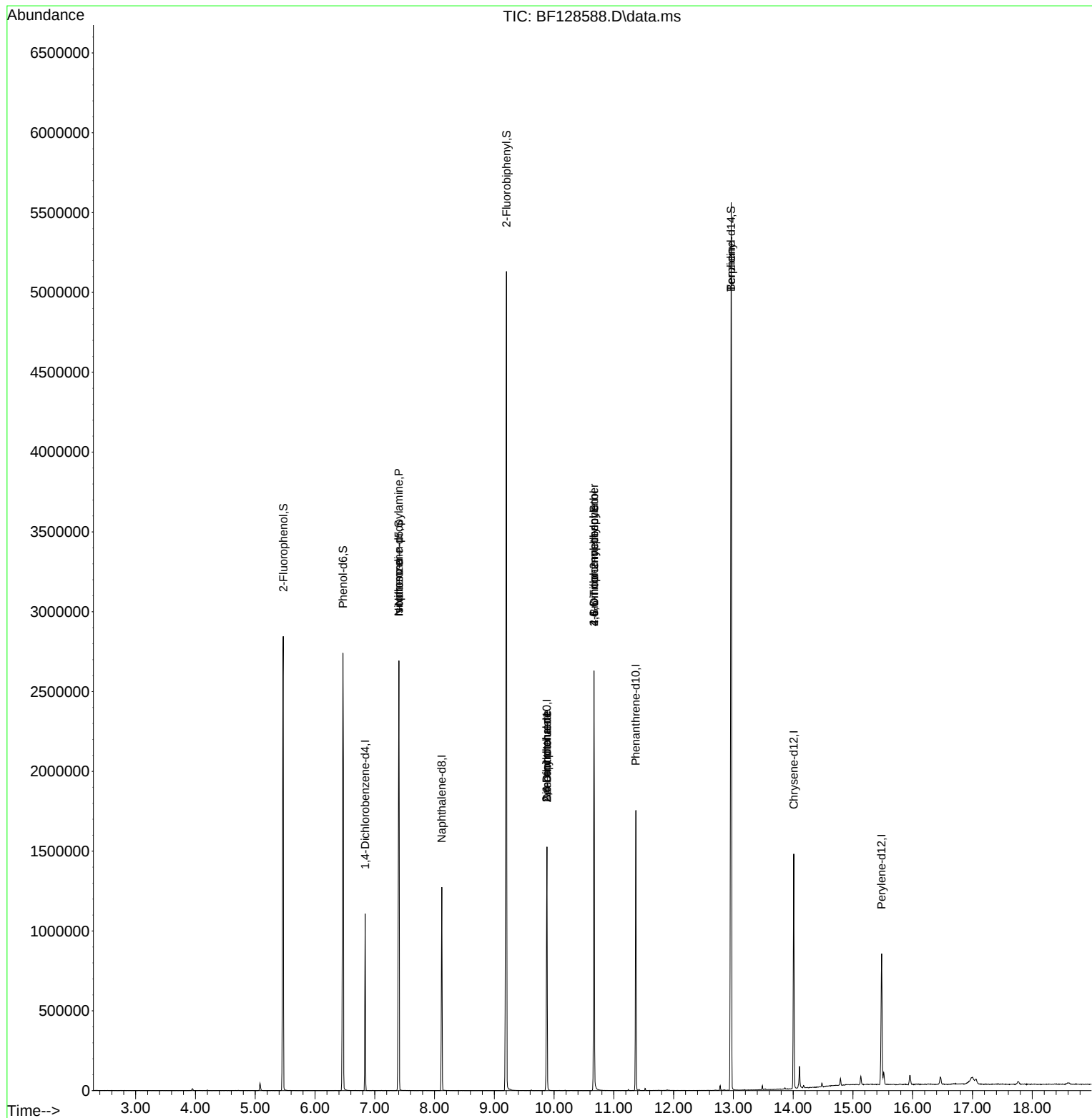
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	132924	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	540107	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	313169	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	600876	20.000	ng	0.00
76) Chrysene-d12	14.010	240	482305	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	388594	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	744985	92.835	ng	0.02
7) Phenol-d6	6.469	99	927835	90.680	ng	0.00
23) Nitrobenzene-d5	7.404	82	952807	101.768	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	303171	101.707	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1796425	93.194	ng	0.00
79) Terphenyl-d14	12.963	244	2240040	89.729	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	1930	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	133751	21.320	ng	# 78
25) Isophorone	7.404	82	949885	54.997	ng	# 65
50) Dimethylphthalate	9.880	163	58183	2.864	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	40279	10.819	ng	# 25
57) 2,4-Dinitrotoluene	9.880	165	40279	9.043	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	682	5.719	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	19815	3.192	ng	# 1
77) Benzidine	12.963	184	32821	2.950	ng	# 93

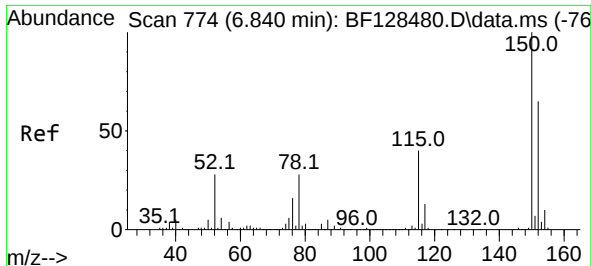
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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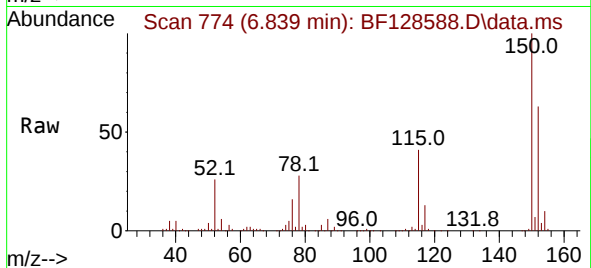
Quant Time: Jun 01 00:56:08 2022
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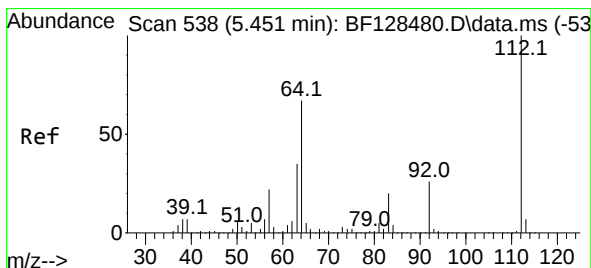
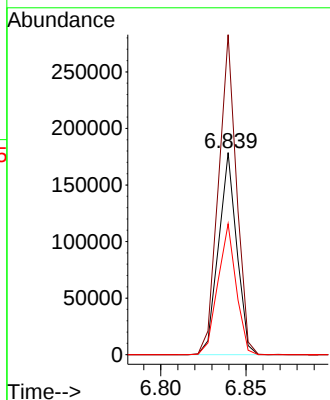
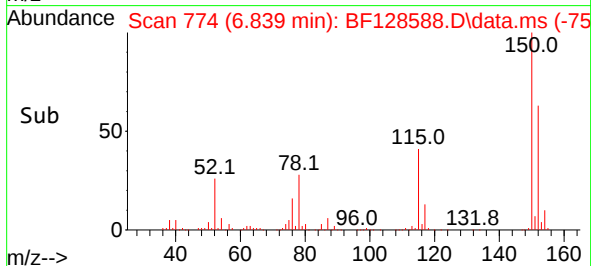


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

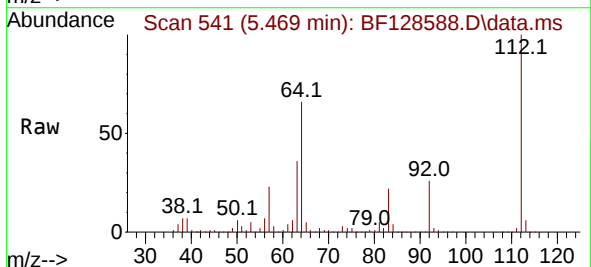
Instrument :
BNA_F
ClientSampleId :
PB145184BL



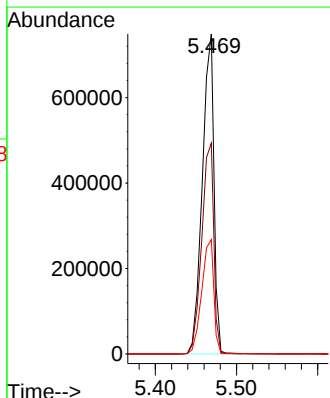
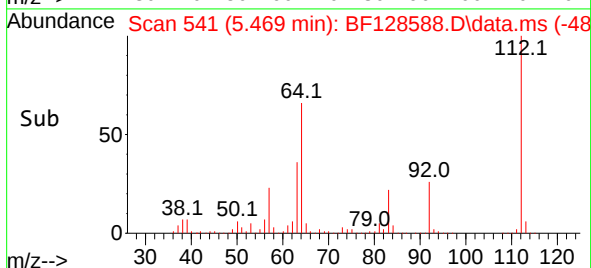
Tgt Ion:152 Resp: 132924
Ion Ratio Lower Upper
152 100
150 158.4 123.7 185.5
115 64.8 49.9 74.9



#5
2-Fluorophenol
Concen: 92.835 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.018 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32



Tgt Ion:112 Resp: 744985
Ion Ratio Lower Upper
112 100
64 65.9 53.3 79.9
63 35.7 28.0 42.0

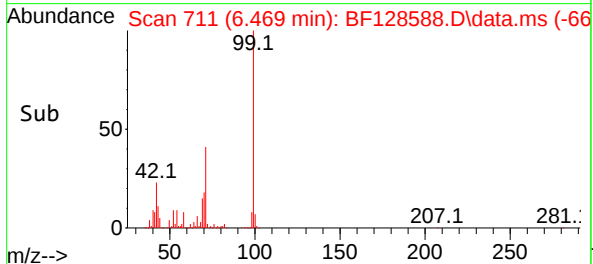
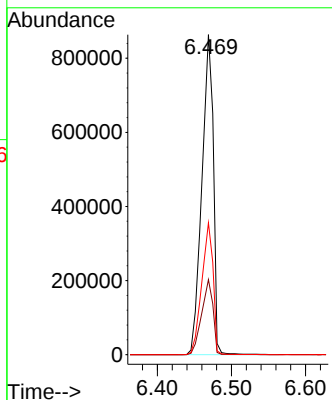
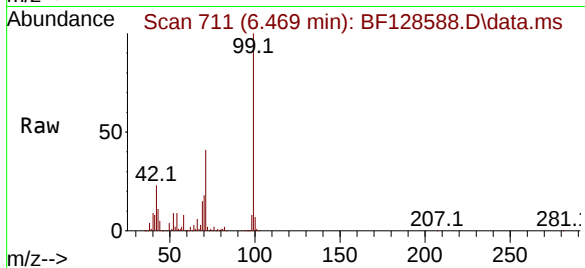




#7
Phenol-d6
Concen: 90.680 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

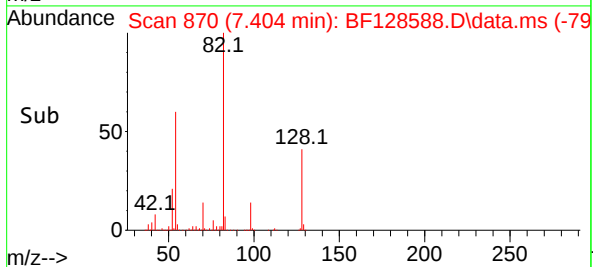
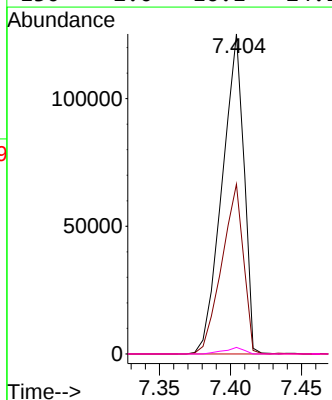
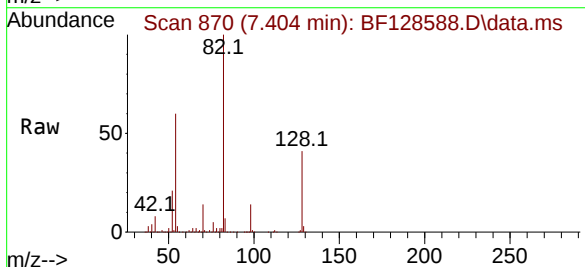
Instrument :
BNA_F
ClientSampleId :
PB145184BL

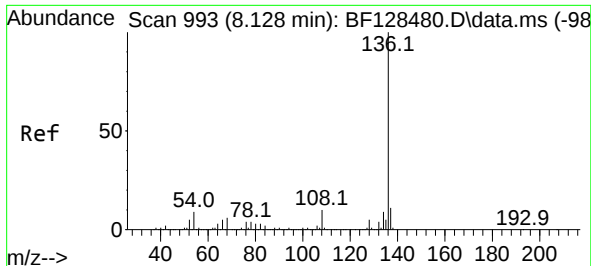
Tgt Ion: 99 Resp: 927835
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 41.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.320 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

Tgt Ion: 70 Resp: 133751
Ion Ratio Lower Upper
70 100
42 53.0 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128588.D

Acq: 31 May 2022 10:32

Instrument :

BNA_F

ClientSampleId :

PB145184BL

Tgt Ion:136 Resp: 540107

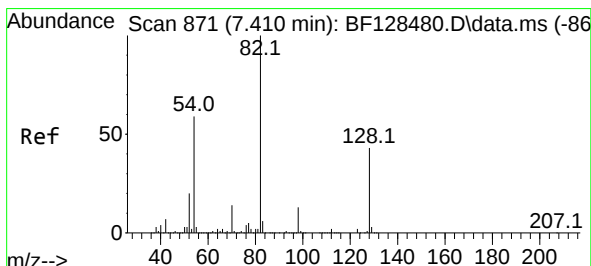
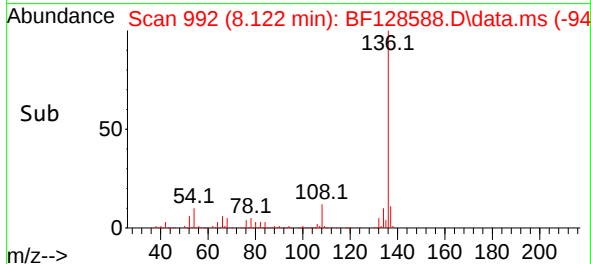
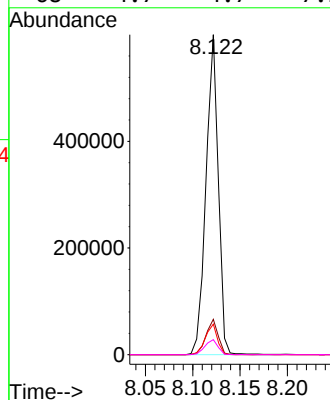
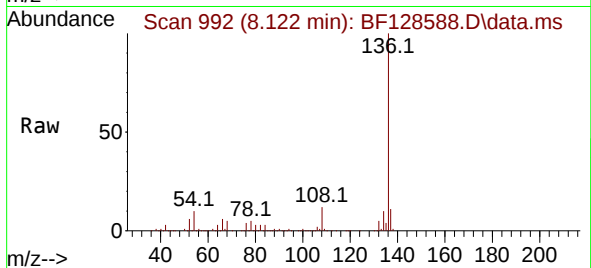
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.6 7.5 11.3

68 4.7 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 101.768 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF128588.D

Acq: 31 May 2022 10:32

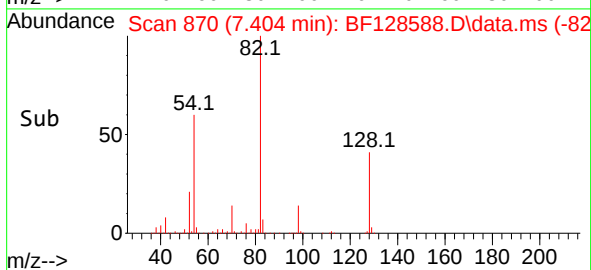
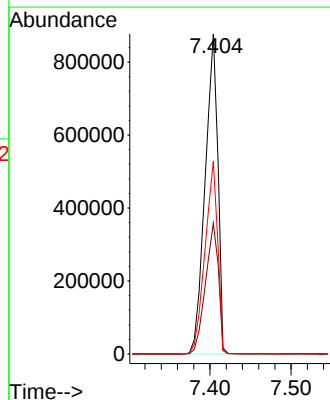
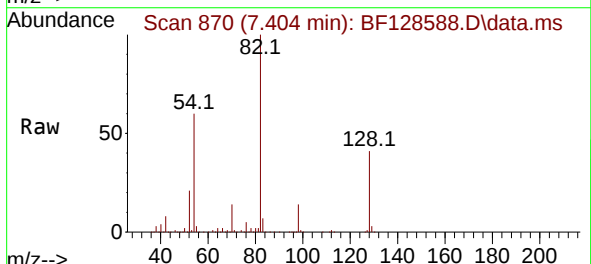
Tgt Ion: 82 Resp: 952807

Ion Ratio Lower Upper

82 100

128 40.9 34.0 51.0

54 60.3 46.9 70.3

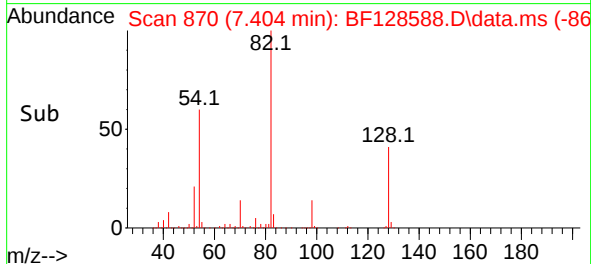
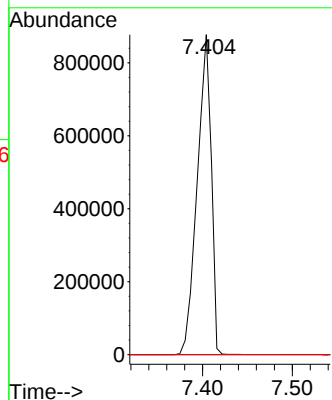
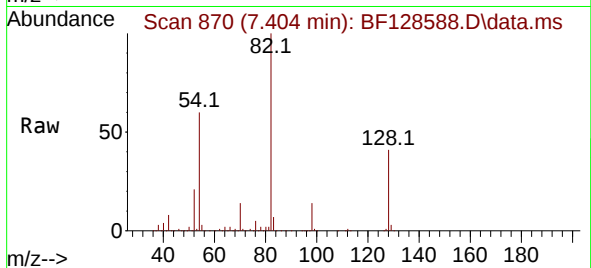




#25
Isophorone
Concen: 54.997 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

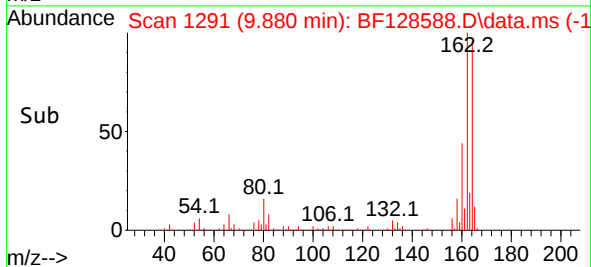
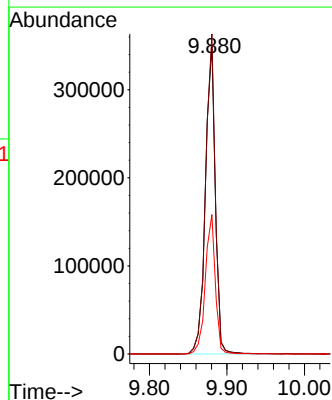
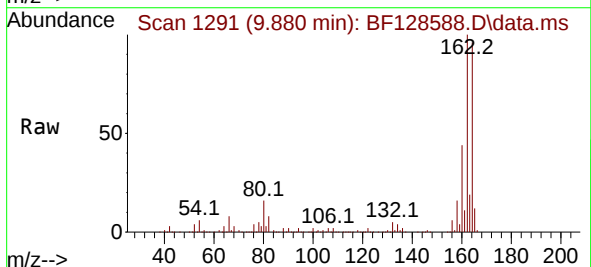
Instrument :
BNA_F
ClientSampleId :
PB145184BL

Tgt Ion: 82 Resp: 949885
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

Tgt Ion:164 Resp: 313169
Ion Ratio Lower Upper
164 100
162 103.7 79.5 119.3
160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 101.707 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128588.D

Acq: 31 May 2022 10:32

Instrument :

BNA_F

ClientSampleId :

PB145184BL

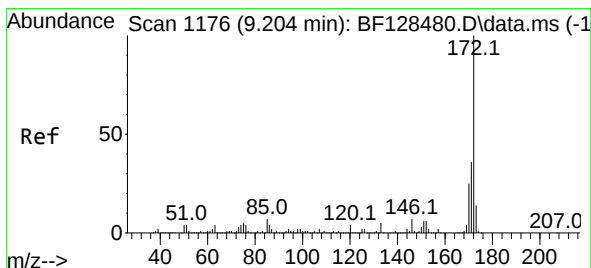
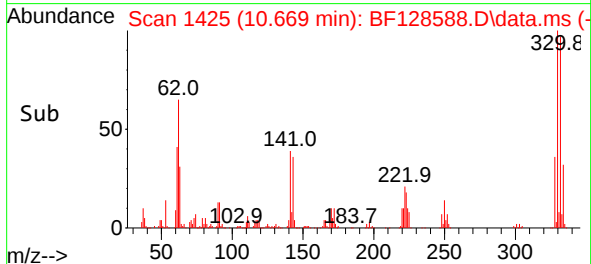
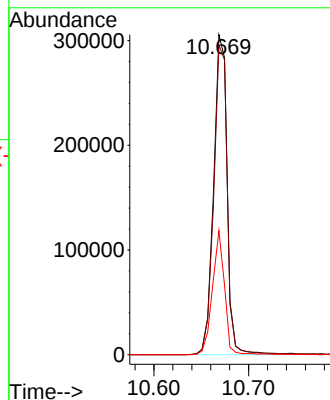
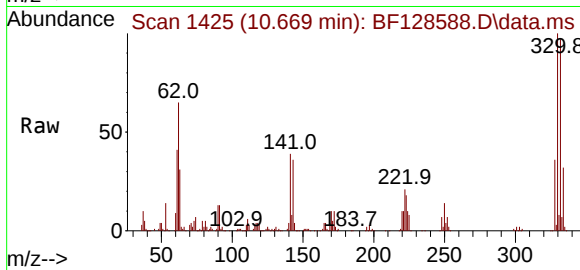
Tgt Ion:330 Resp: 303171

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 34.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 93.194 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128588.D

Acq: 31 May 2022 10:32

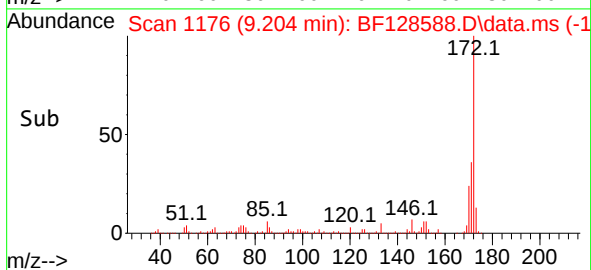
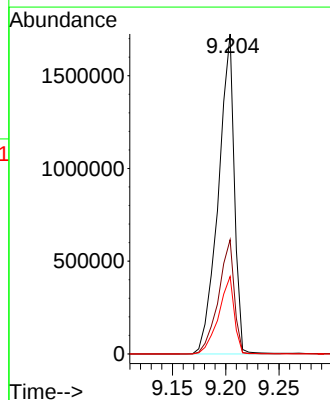
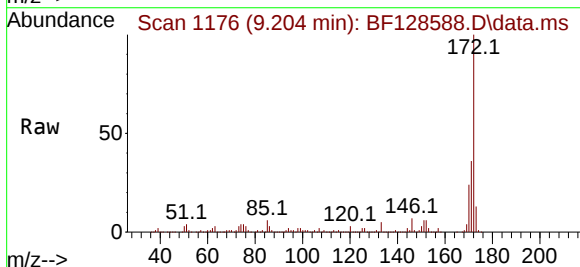
Tgt Ion:172 Resp: 1796425

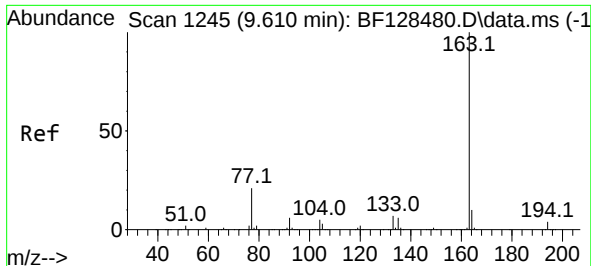
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.2 19.8 29.8

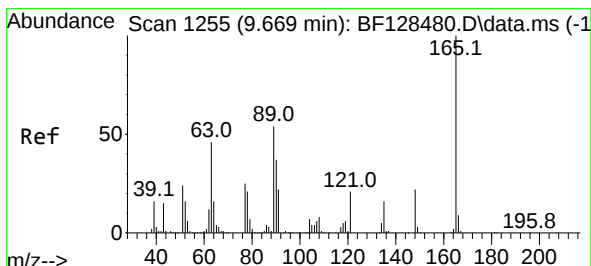
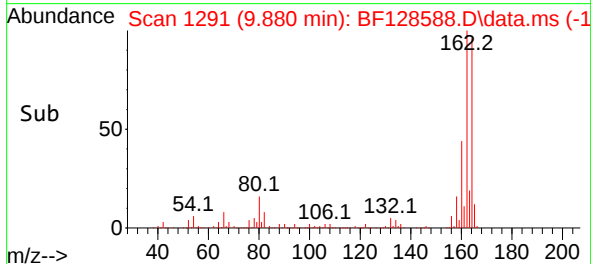
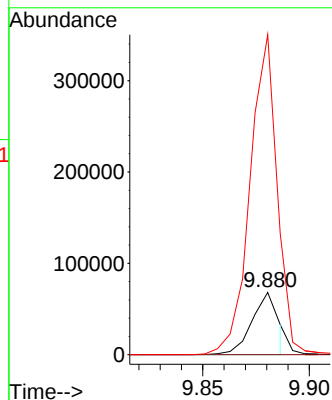
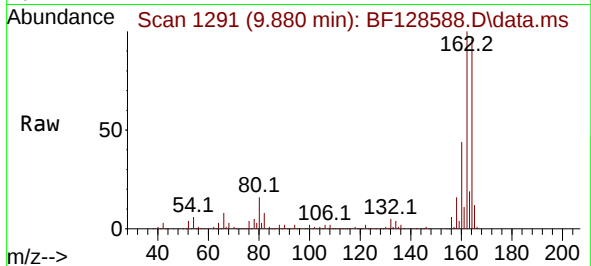




#50
Dimethylphthalate
Concen: 2.864 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.270 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

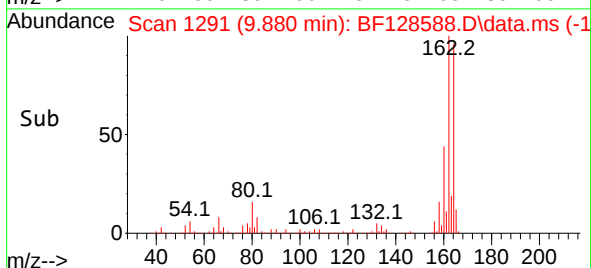
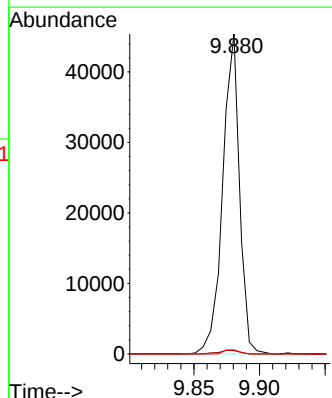
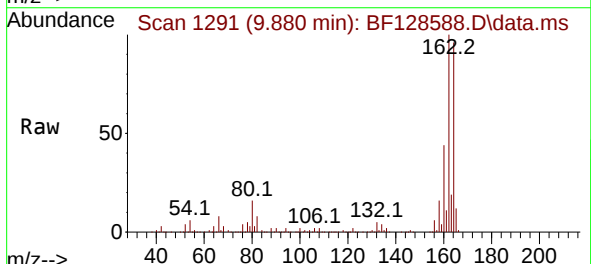
Instrument :
BNA_F
ClientSampleId :
PB145184BL

Tgt Ion:163 Resp: 58183
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 513.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.819 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.212 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

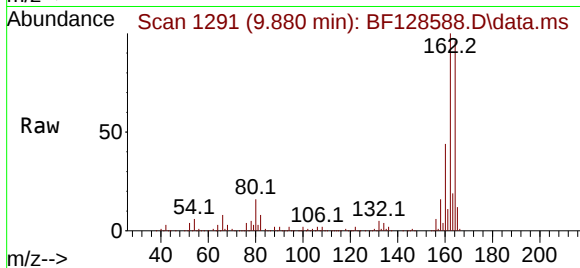
Tgt Ion:165 Resp: 40279
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.3 43.6 65.4#



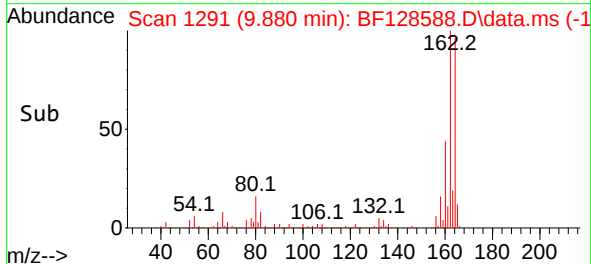
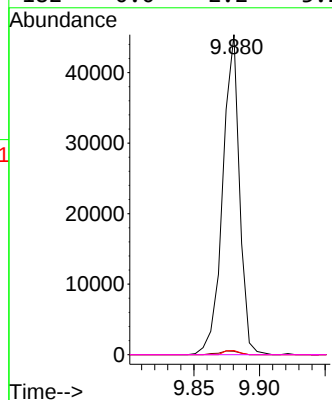


#57
2,4-Dinitrotoluene
Concen: 9.043 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

Instrument :
BNA_F
ClientSampleId :
PB145184BL

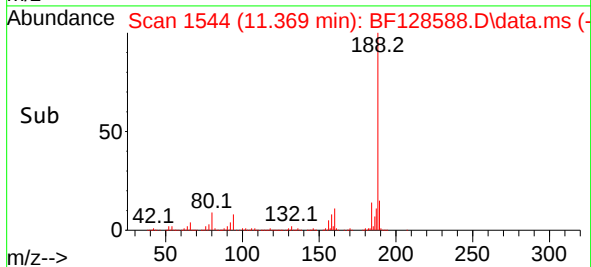
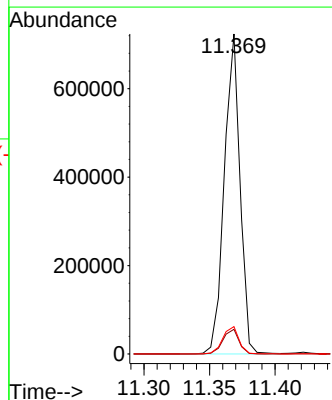
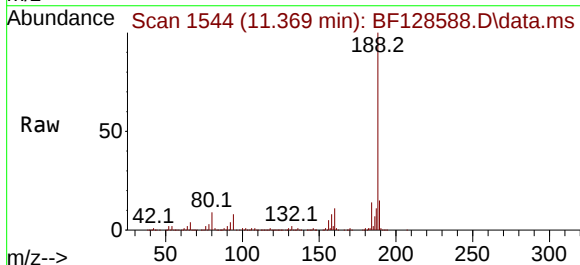


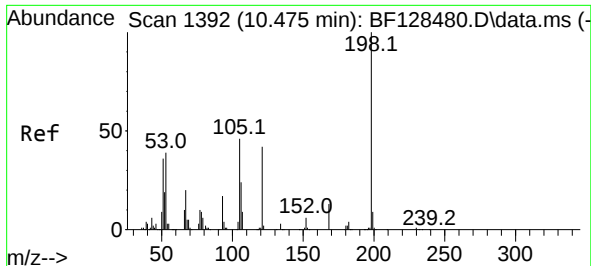
Tgt Ion:165 Resp: 40279
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

Tgt Ion:188 Resp: 600876
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.6 7.6 11.4

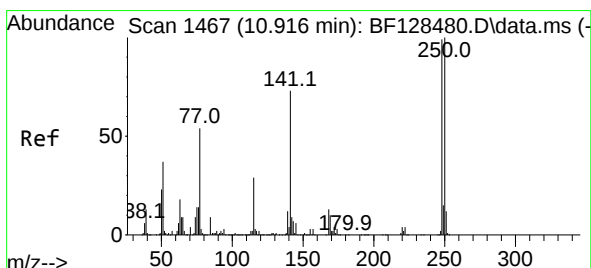
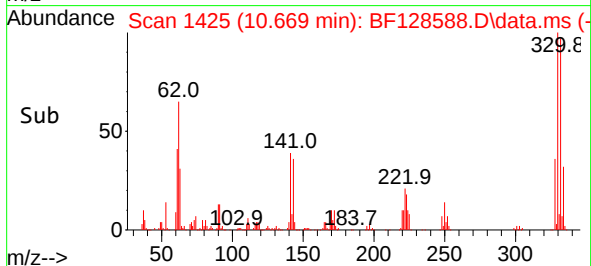
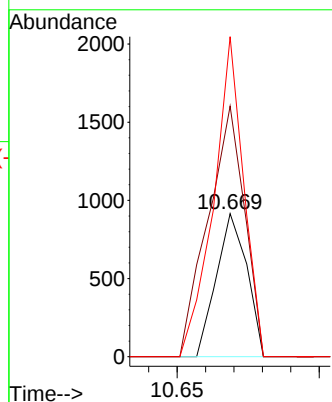
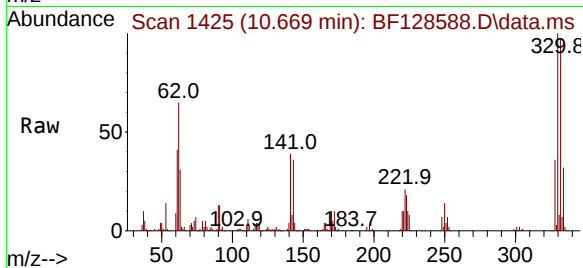




#65
4,6-Dinitro-2-methylphenol
Concen: 5.719 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

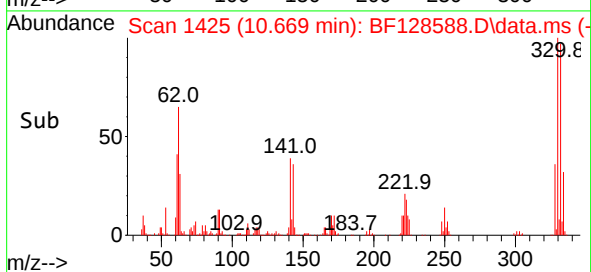
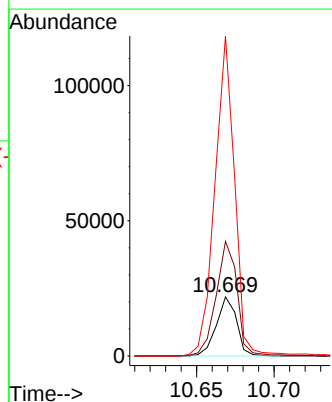
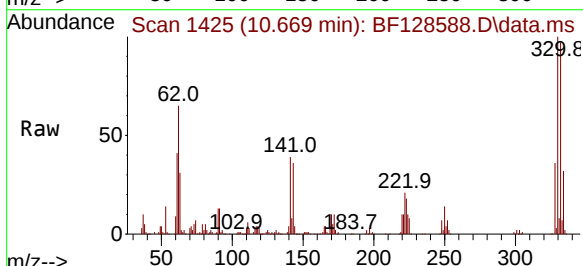
Instrument :
BNA_F
ClientSampleId :
PB145184BL

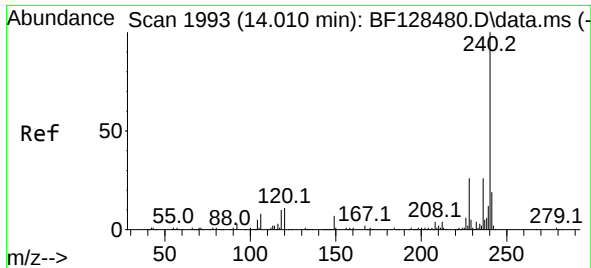
Tgt Ion:198 Resp: 682
Ion Ratio Lower Upper
198 100
51 175.2 37.6 77.6#
105 223.7 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

Tgt Ion:248 Resp: 19815
Ion Ratio Lower Upper
248 100
250 194.3 80.6 120.8#
141 542.1 58.9 88.3#

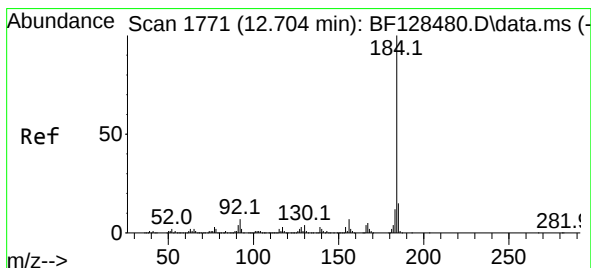
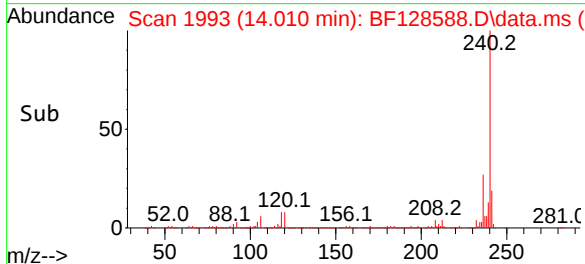
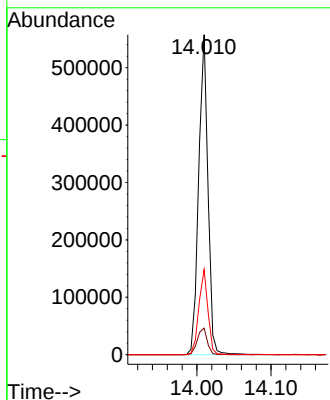
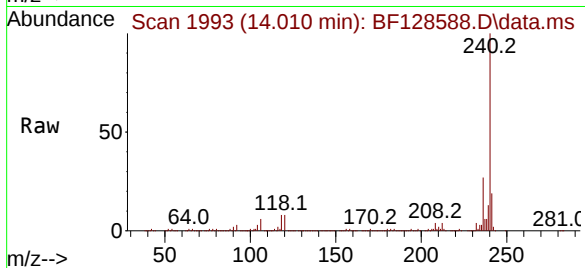




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

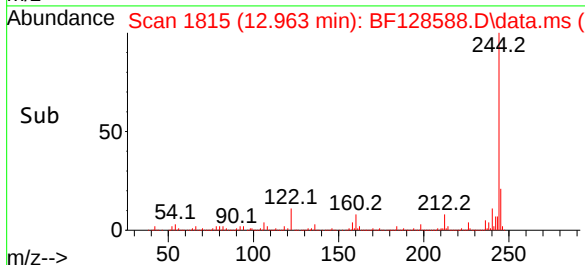
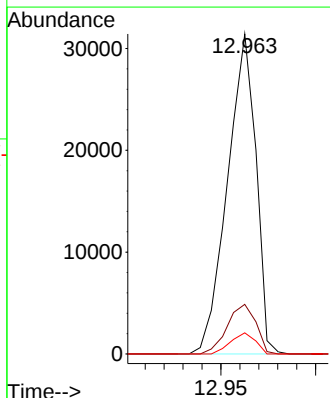
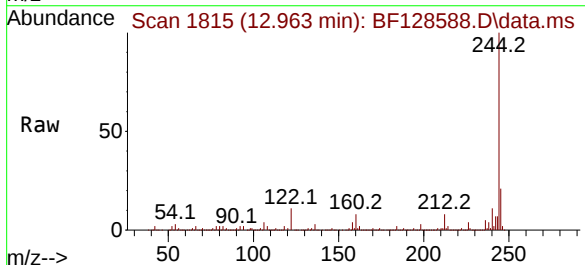
Instrument :
BNA_F
ClientSampleId :
PB145184BL

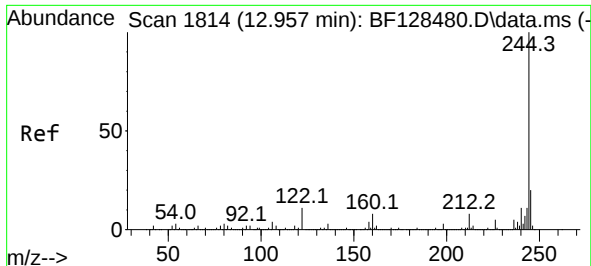
Tgt Ion:240 Resp: 482305
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 26.6 20.8 31.2



#77
Benidine
Concen: 2.950 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128588.D
Acq: 31 May 2022 10:32

Tgt Ion:184 Resp: 32821
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 6.6 9.3 13.9#

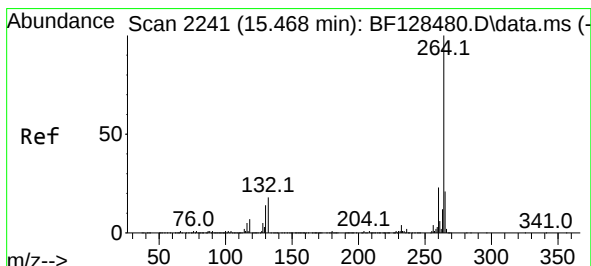
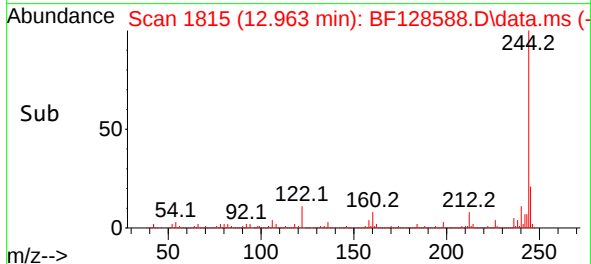
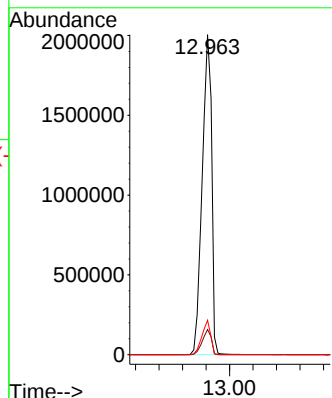
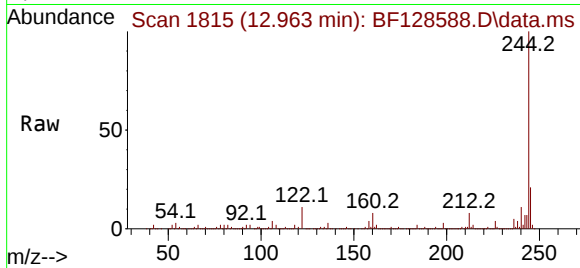




#79
 Terphenyl-d14
 Concen: 89.729 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128588.D
 Acq: 31 May 2022 10:32

Instrument :
 BNA_F
 ClientSampleId :
 PB145184BL

Tgt Ion:244 Resp: 2240040
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. 0.012 min
 Lab File: BF128588.D
 Acq: 31 May 2022 10:32

Tgt Ion:264 Resp: 388594
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.8 17.2 25.8

