

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128208.D
 Acq On : 11 May 2022 21:43
 Operator : CG\JU
 Sample : N2762-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02

Quant Time: May 12 06:01:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

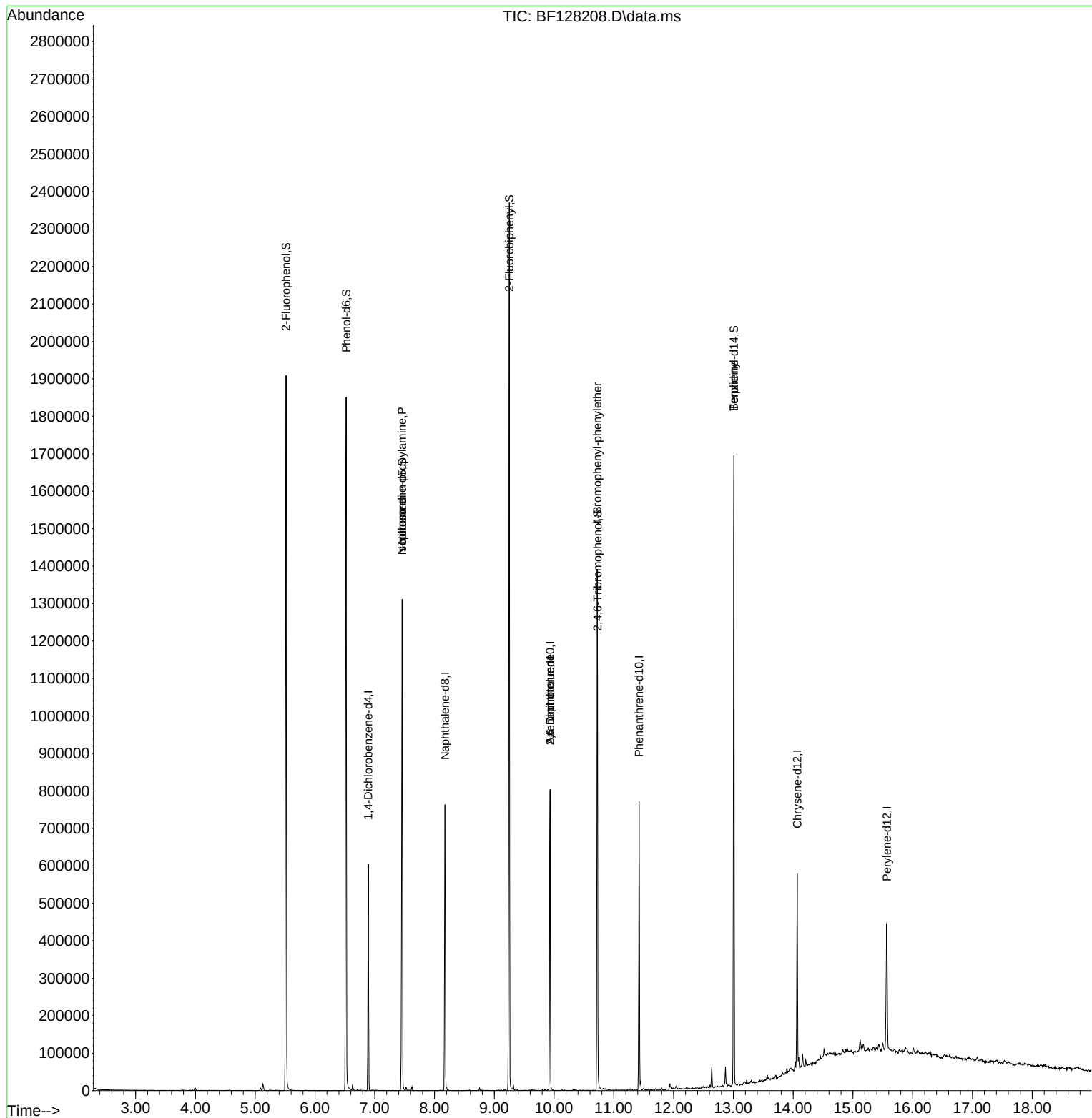
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	77836	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	297625	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	162519	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	257350	20.000	ng	0.00
76) Chrysene-d12	14.068	240	163364	20.000	ng	-0.01
86) Perylene-d12	15.568	264	163904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	455842	93.360	ng	0.00
7) Phenol-d6	6.522	99	605536	93.764	ng	0.00
23) Nitrobenzene-d5	7.457	82	432468	65.383	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	162515	87.191	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	674499	64.939	ng	0.00
79) Terphenyl-d14	13.010	244	563885	64.768	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1036	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	58641	14.745	ng	# 79
25) Isophorone	7.457	82	432462	41.704	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	20358	8.849	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	20358	6.618	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	10125	3.657	ng	# 1
77) Benzydine	13.010	184	8351	2.360	ng	# 95

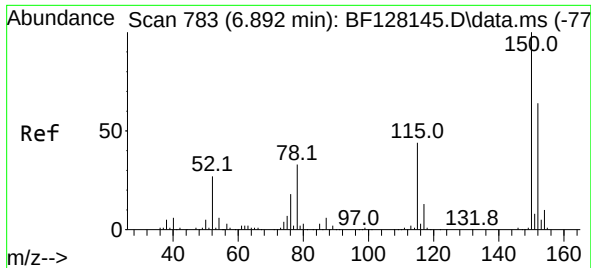
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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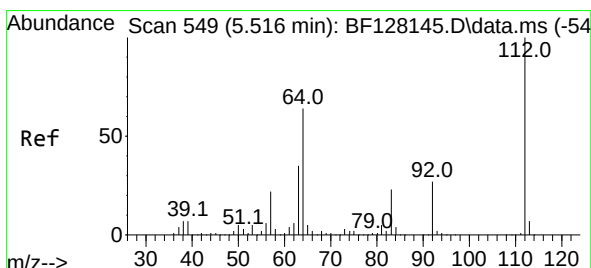
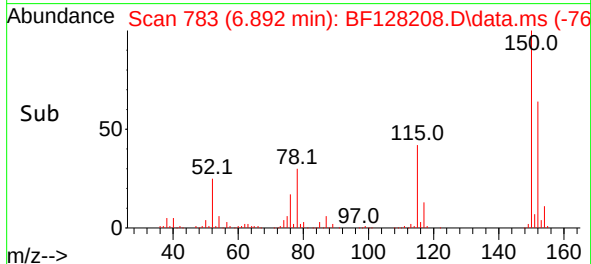
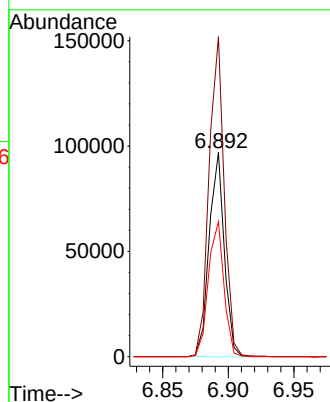
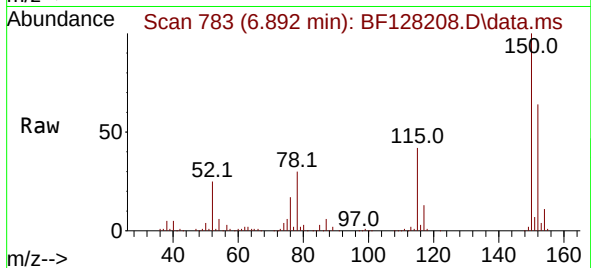




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

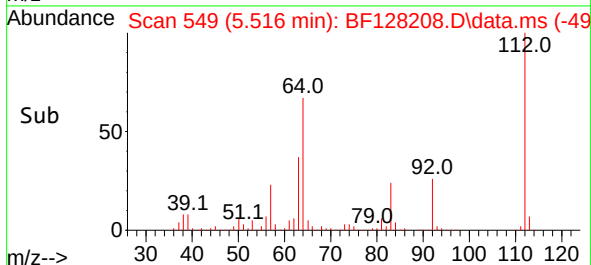
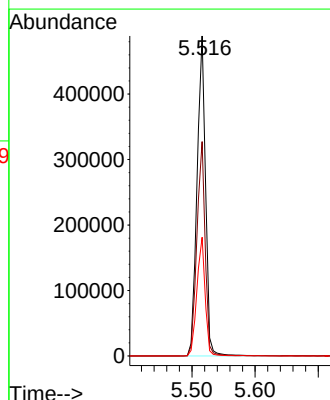
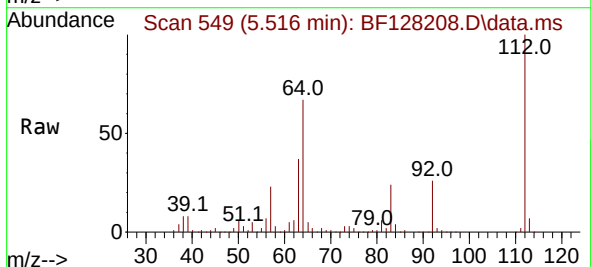
Instrument :
BNA_F
ClientSampleId :
SB02

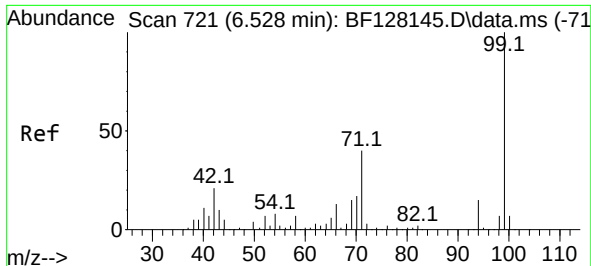
Tgt Ion:152 Resp: 77836
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 66.2 48.8 73.2



#5
2-Fluorophenol
Concen: 93.360 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.000 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

Tgt Ion:112 Resp: 455842
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 37.1 26.3 39.5

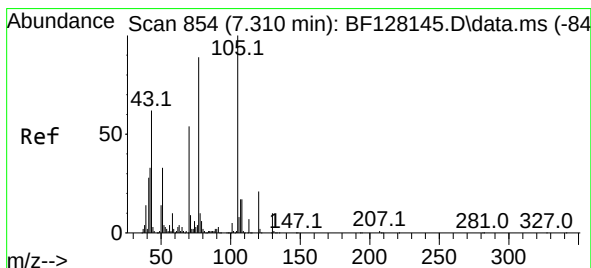
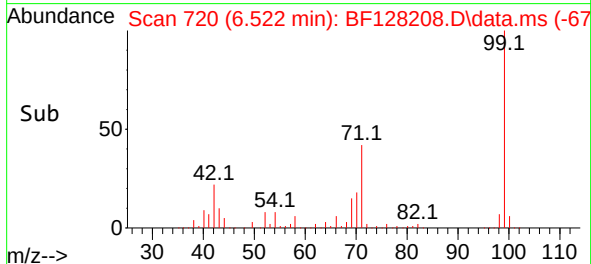
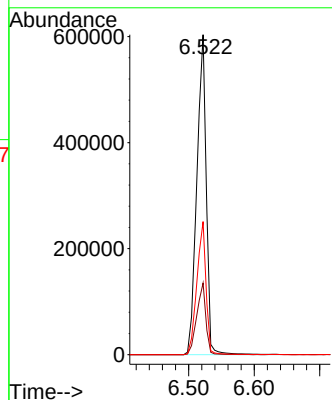
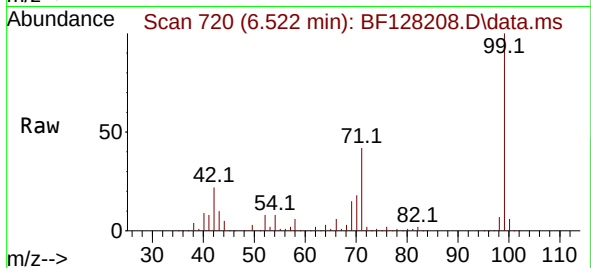




#7
Phenol-d6
Concen: 93.764 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

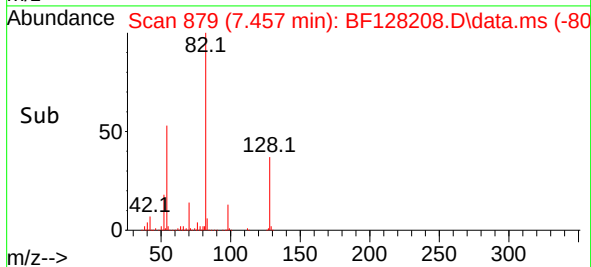
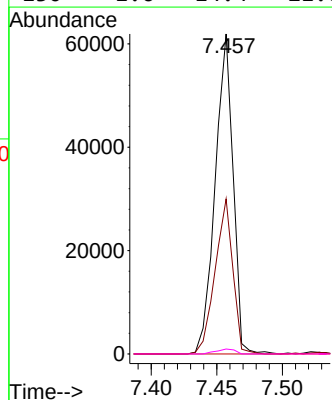
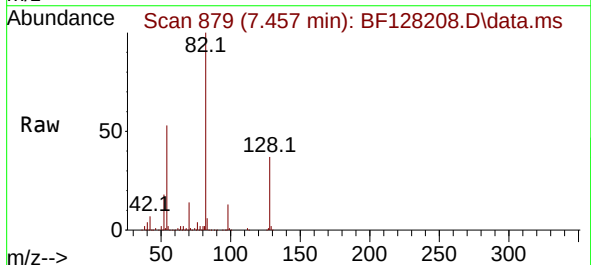
Instrument :
BNA_F
ClientSampleId :
SB02

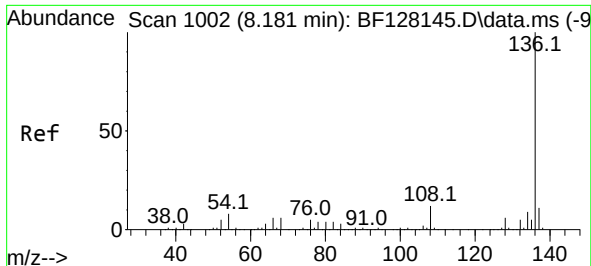
Tgt Ion: 99 Resp: 605536
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.745 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

Tgt Ion: 70 Resp: 58641
Ion Ratio Lower Upper
70 100
42 48.4 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

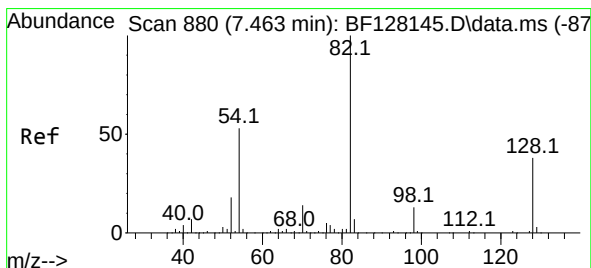
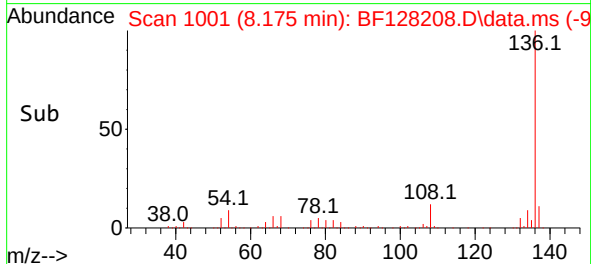
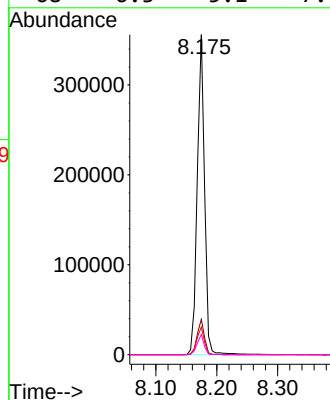
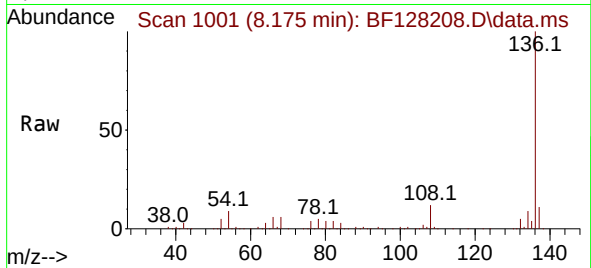




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

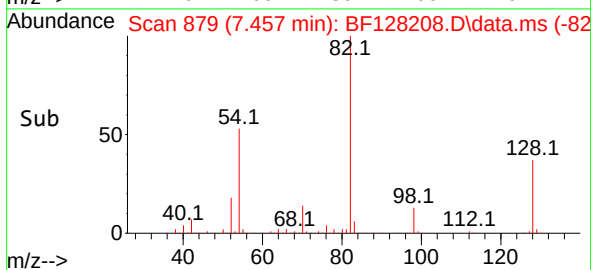
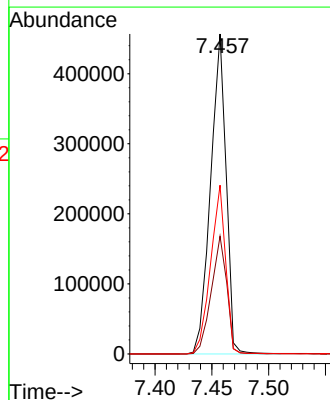
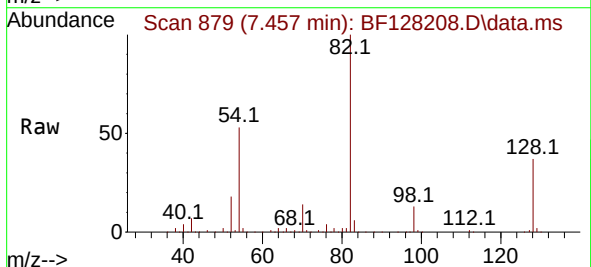
Instrument :
BNA_F
ClientSampleId :
SB02

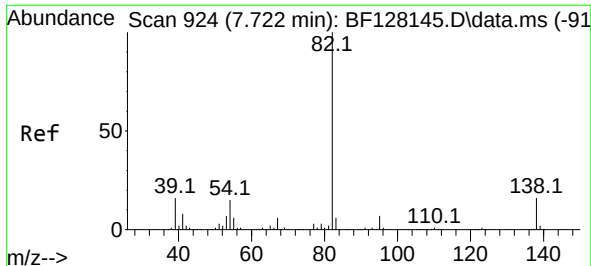
Tgt Ion:136 Resp: 297625
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 65.383 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

Tgt Ion: 82 Resp: 432468
Ion Ratio Lower Upper
82 100
128 36.8 30.0 45.0
54 52.7 41.3 61.9

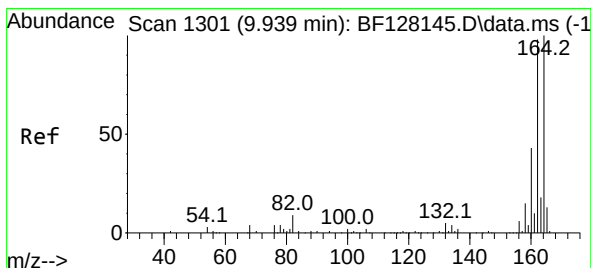
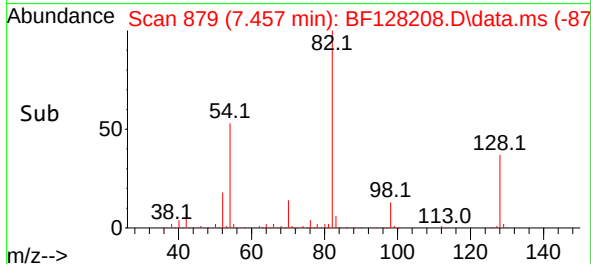
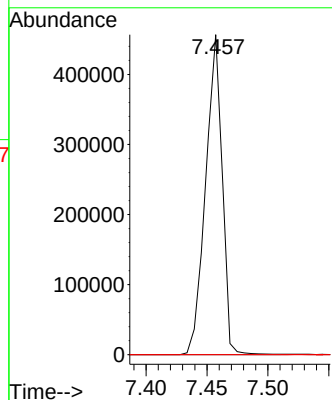
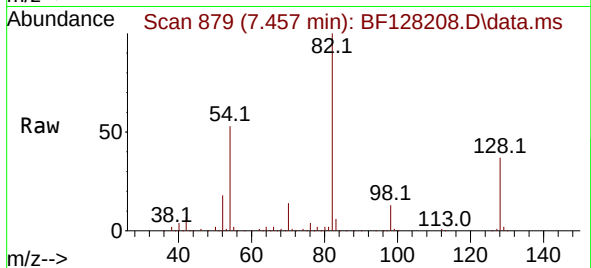




#25
Isophorone
Concen: 41.704 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

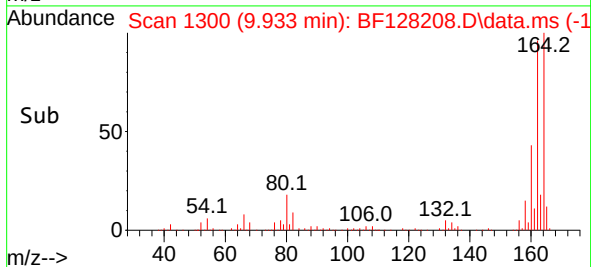
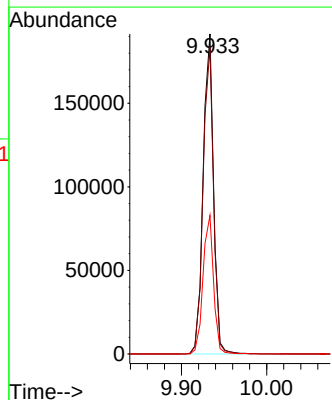
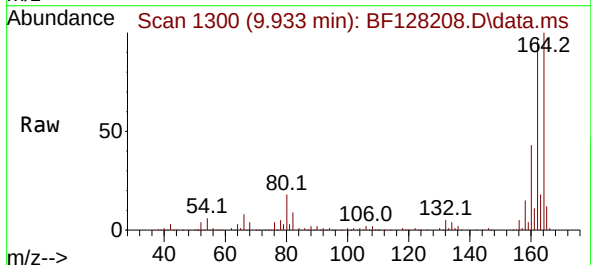
Instrument :
BNA_F
ClientSampleId :
SB02

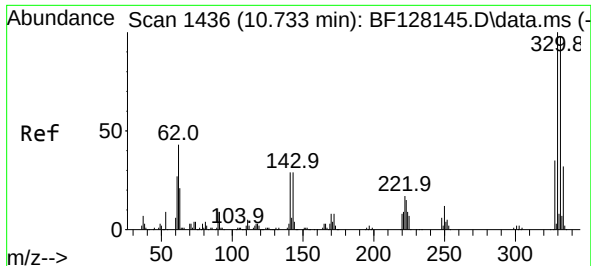
Tgt Ion: 82 Resp: 432462
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

Tgt Ion:164 Resp: 162519
Ion Ratio Lower Upper
164 100
162 95.9 76.0 114.0
160 43.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.191 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

Instrument :

BNA_F

ClientSampleId :

SB02

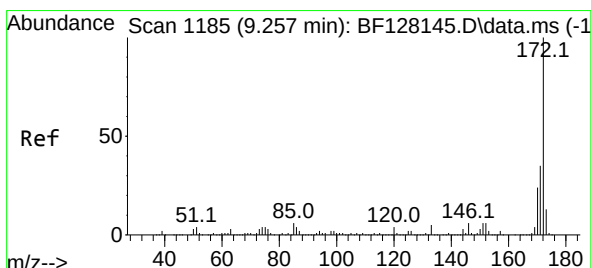
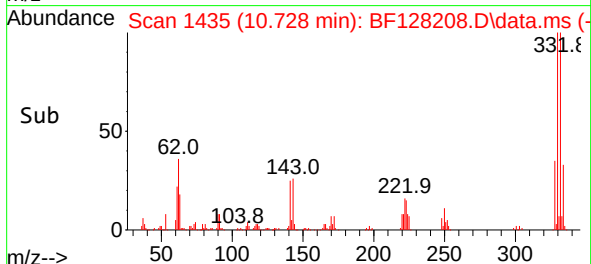
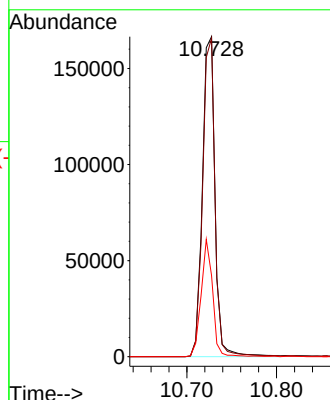
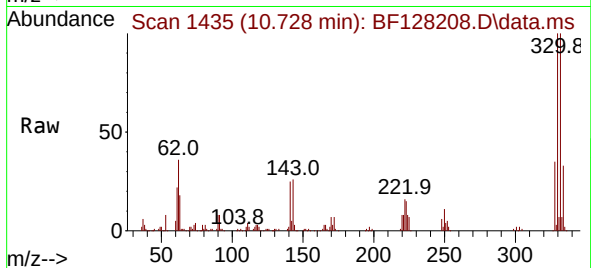
Tgt Ion:330 Resp: 162515

Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 64.939 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

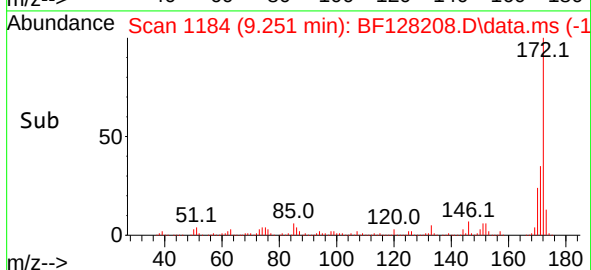
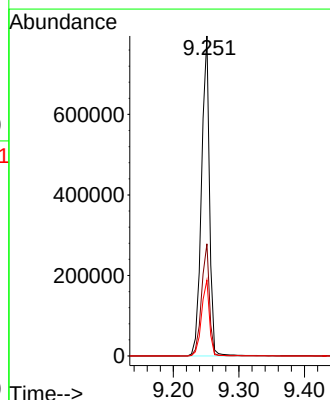
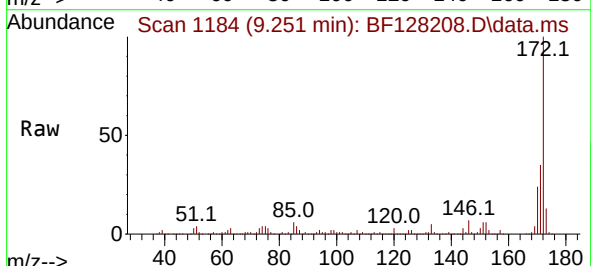
Tgt Ion:172 Resp: 674499

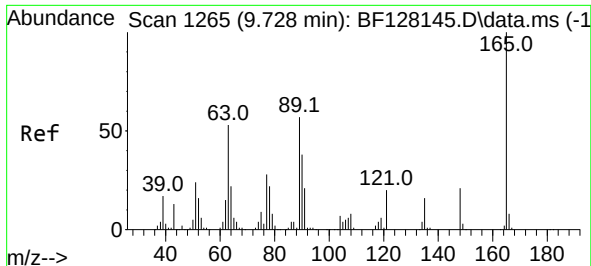
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.849 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

Instrument :

BNA_F

ClientSampleId :

SB02

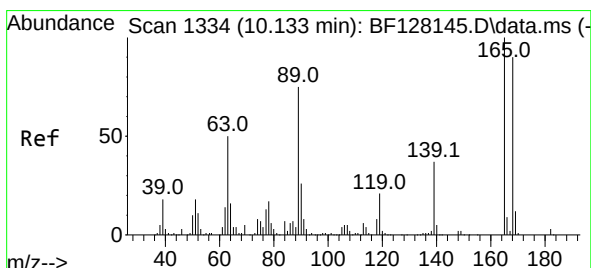
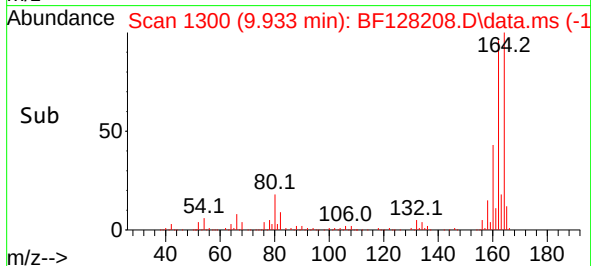
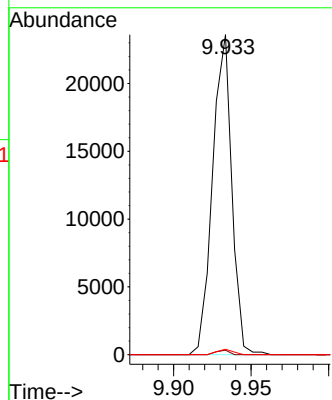
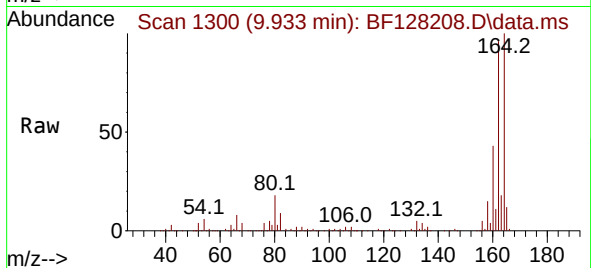
Tgt Ion:165 Resp: 20358

Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.7 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.618 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

Tgt Ion:165 Resp: 20358

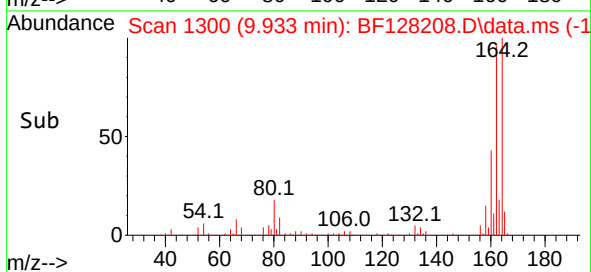
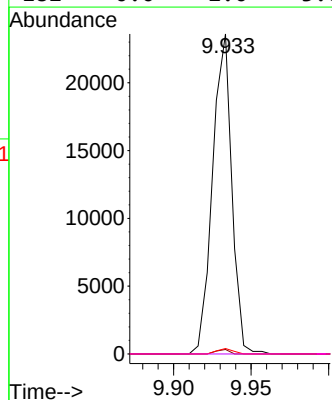
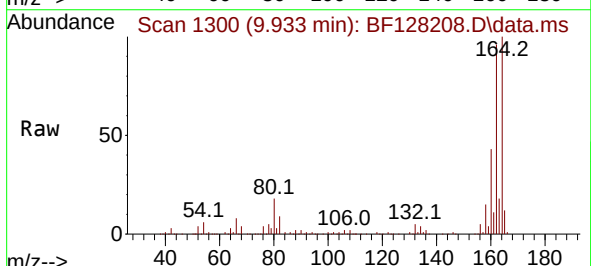
Ion Ratio Lower Upper

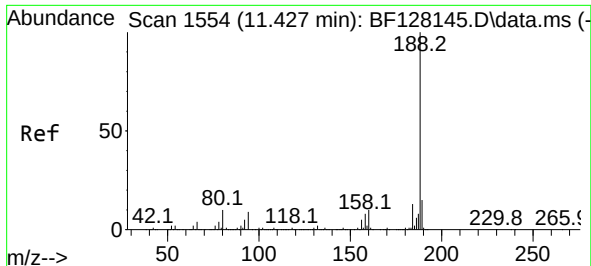
165 100

63 1.4 32.6 49.0#

89 1.7 55.2 82.8#

182 0.0 2.0 3.0#

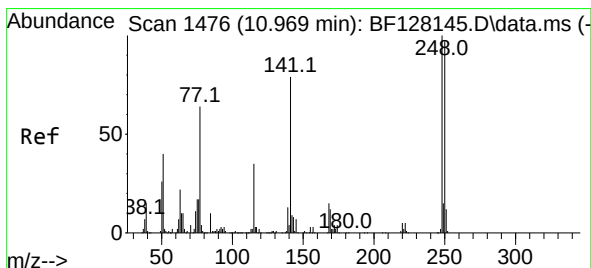
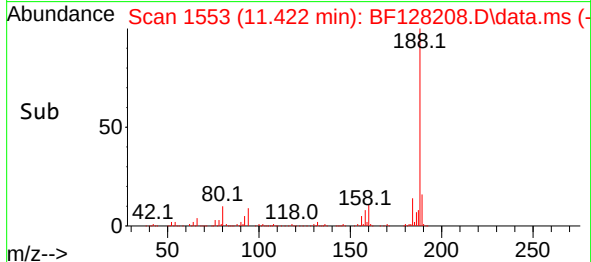
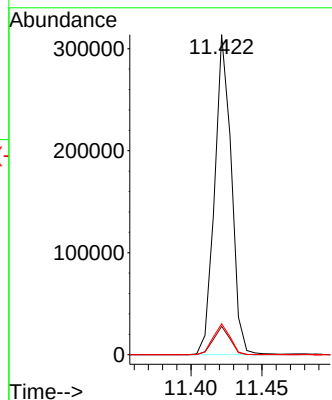
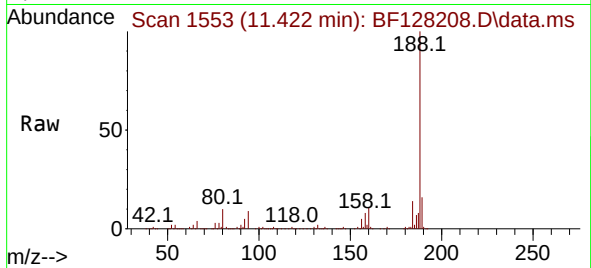




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

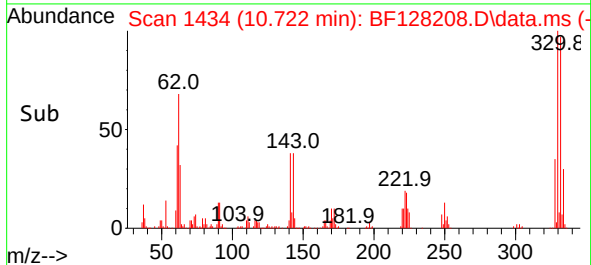
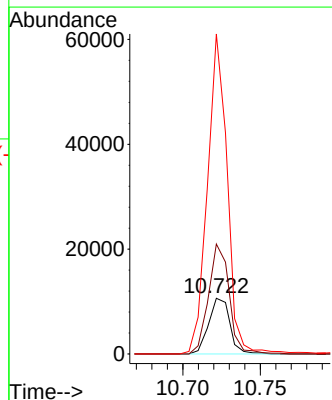
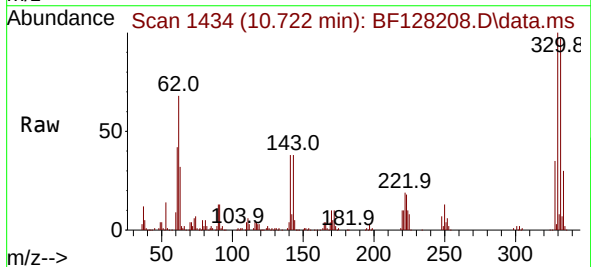
Instrument :
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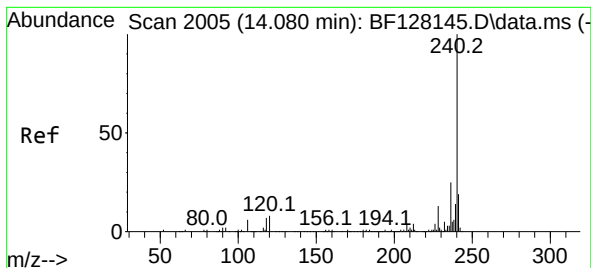
Tgt Ion:188 Resp: 257350
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.657 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128208.D
Acq: 11 May 2022 21:43

Tgt Ion:248 Resp: 10125
Ion Ratio Lower Upper
248 100
250 197.3 77.7 116.5#
141 574.1 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

Instrument :

BNA_F

ClientSampleId :

SB02

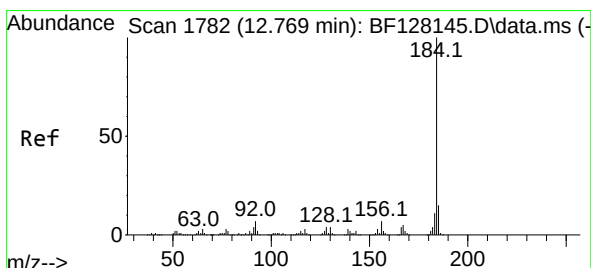
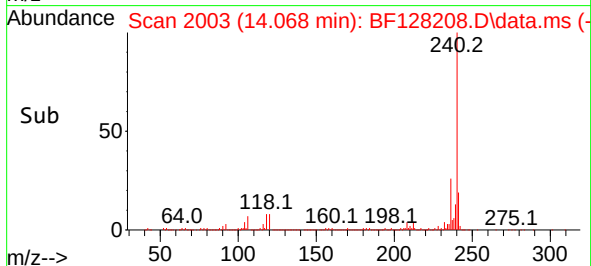
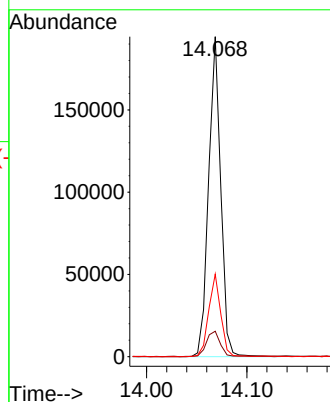
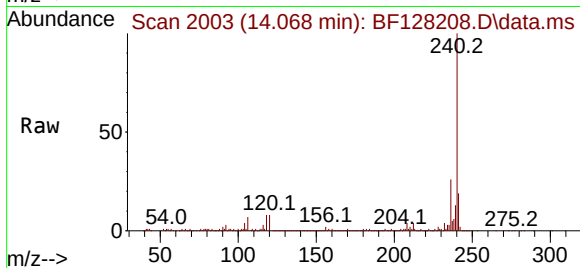
Tgt Ion:240 Resp: 163364

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

236 25.8 20.3 30.5



#77

Benzidine

Concen: 2.360 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.241 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

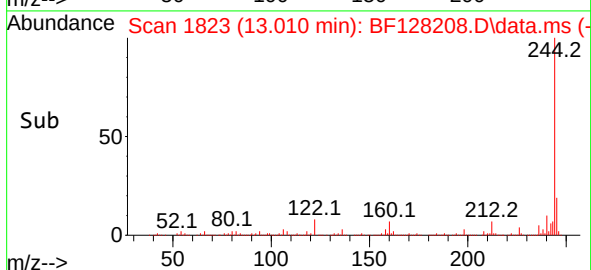
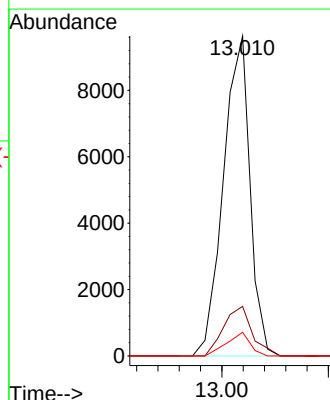
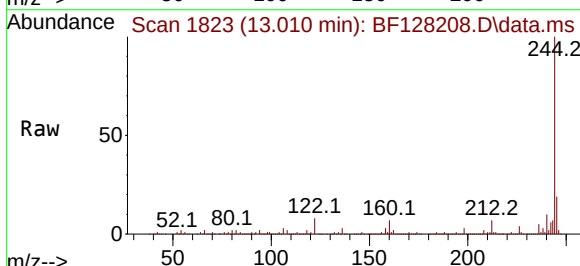
Tgt Ion:184 Resp: 8351

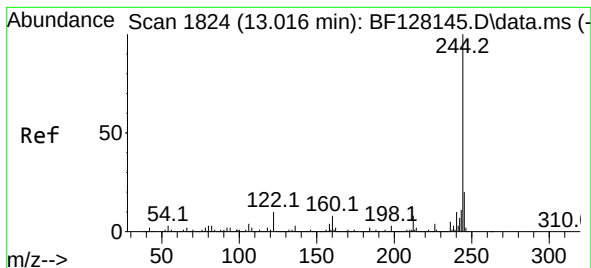
Ion Ratio Lower Upper

184 100

185 15.5 12.1 18.1

183 7.4 9.0 13.4#





#79

Terphenyl-d14

Concen: 64.768 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

Instrument :

BNA_F

ClientSampleId :

SB02

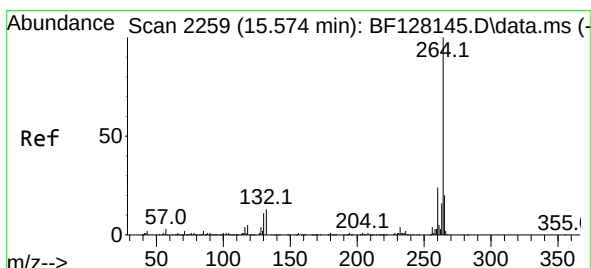
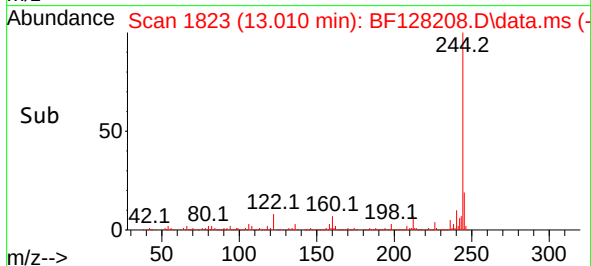
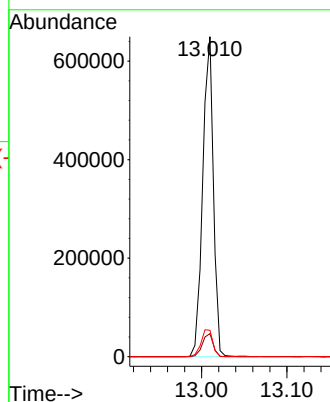
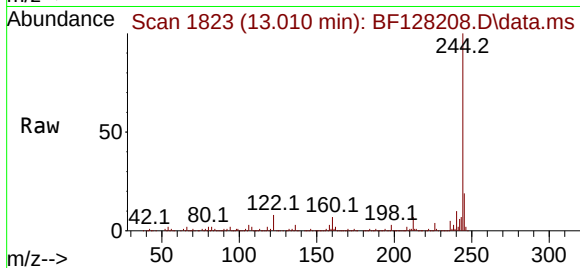
Tgt Ion:244 Resp: 563885

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.4

122 8.3 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF128208.D

Acq: 11 May 2022 21:43

Tgt Ion:264 Resp: 163904

Ion Ratio Lower Upper

264 100

260 23.2 20.1 30.1

265 21.0 17.5 26.3

