

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128596.D
 Acq On : 31 May 2022 15:48
 Operator : CG\JU
 Sample : N3076-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-671

Quant Time: Jun 01 00:57:25 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)

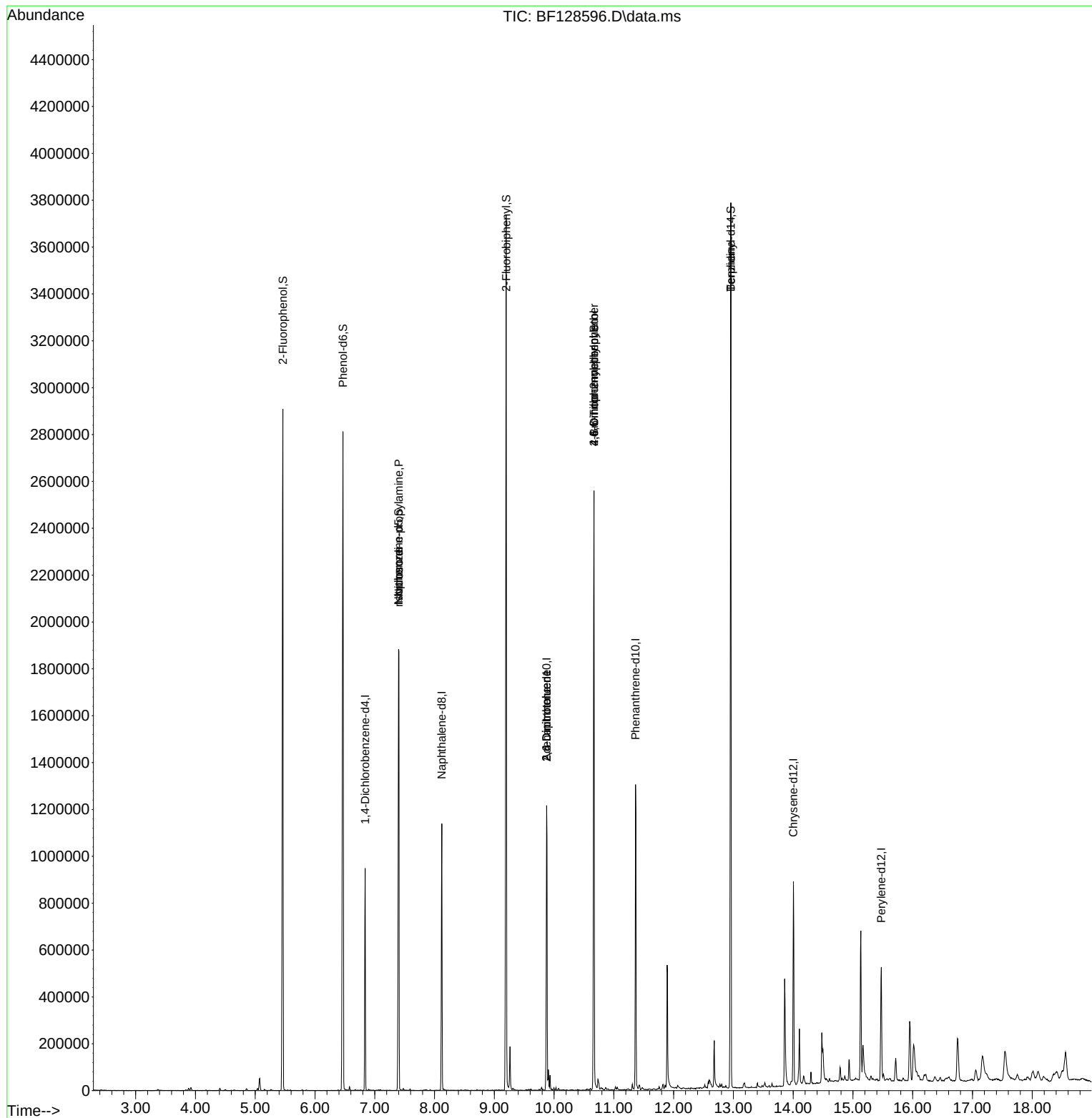
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	120262	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	462969	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	263023	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	486738	20.000	ng	0.00
76) Chrysene-d12	14.004	240	290621	20.000	ng	0.00
86) Perylene-d12	15.474	264	221655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	744612	102.558	ng	0.01
7) Phenol-d6	6.469	99	941917	101.749	ng	0.00
23) Nitrobenzene-d5	7.398	82	664736	82.829	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	298639	119.287	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1189369	73.465	ng	0.00
79) Terphenyl-d14	12.957	244	1241334	82.520	ng	0.00
Target Compounds						
9) Benzaldehyde	6.387	77	531	Below Cal		Qvalue 88
19) n-Nitroso-di-n-propyla...	7.404	70	92844	16.357	ng	# 75
25) Isophorone	7.398	82	661880	44.707	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	34227	10.946	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	34227	9.149	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	696	5.776	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	19817	3.941	ng	# 1
77) Benzidine	12.957	184	17607	2.627	ng	# 96

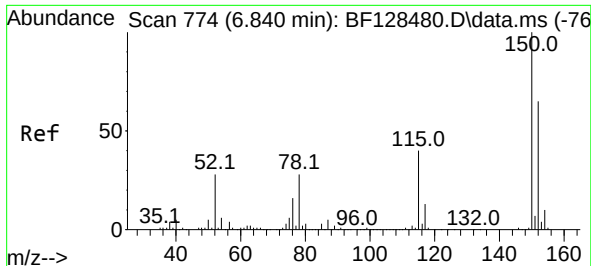
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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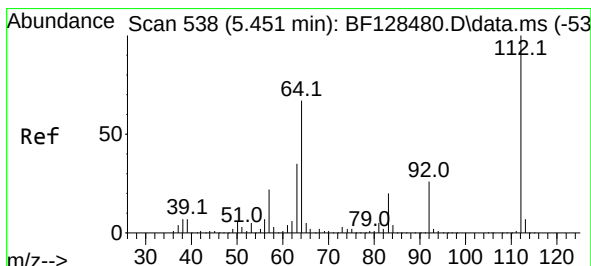
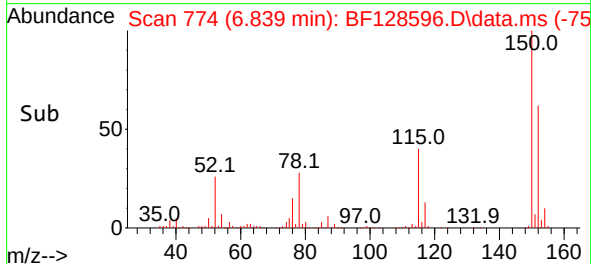
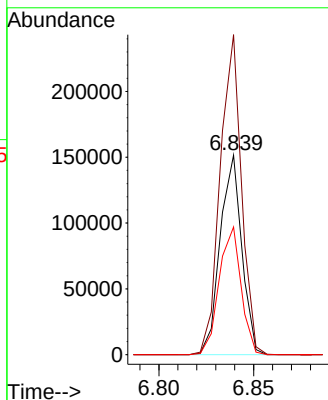
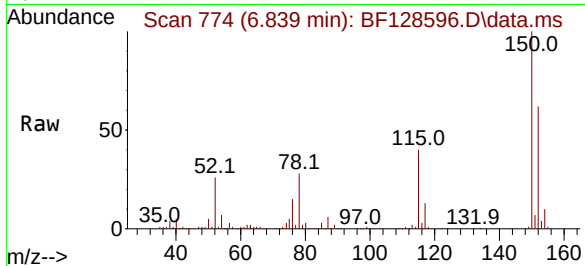




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

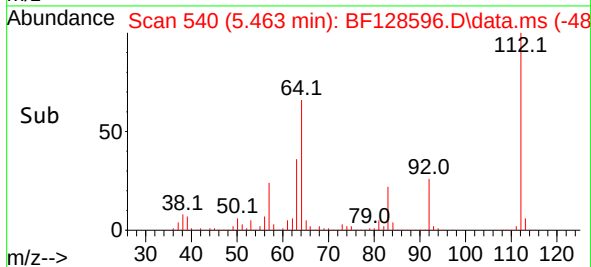
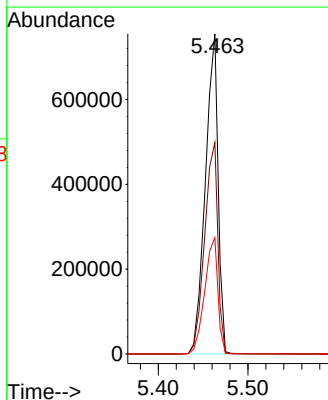
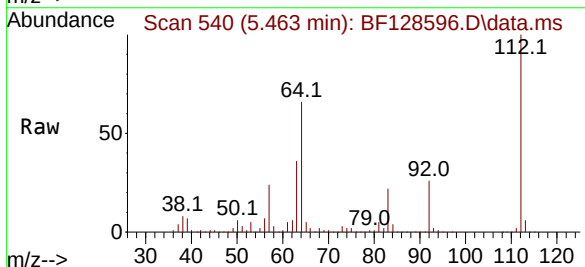
Instrument :
BNA_F
ClientSampleId :
RBR-671

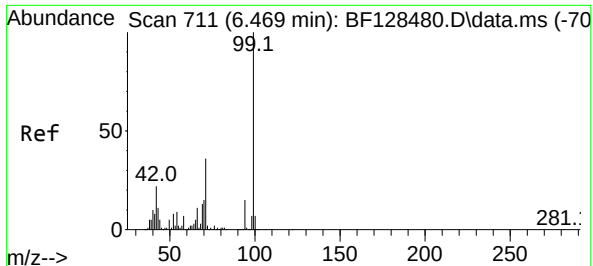
Tgt Ion:152 Resp: 120262
Ion Ratio Lower Upper
152 100
150 160.4 123.7 185.5
115 64.0 49.9 74.9



#5
2-Fluorophenol
Concen: 102.558 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.012 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

Tgt Ion:112 Resp: 744612
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 36.3 28.0 42.0

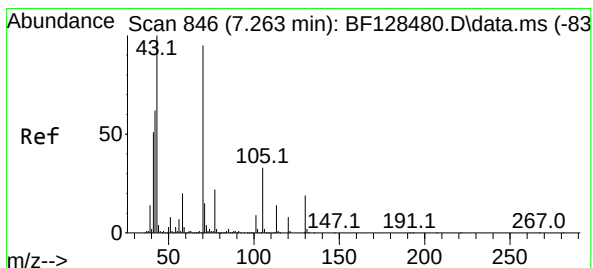
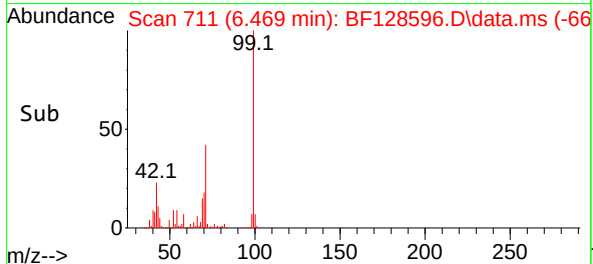
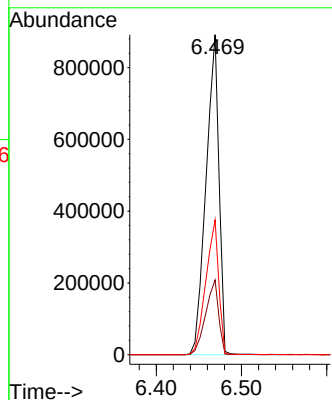
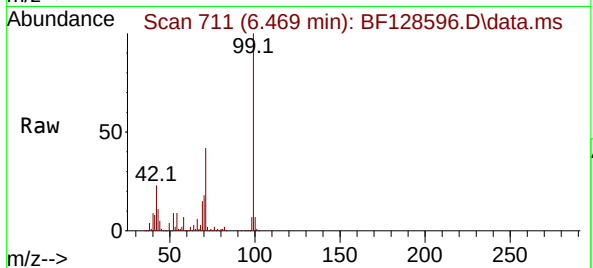




#7
Phenol-d6
Concen: 101.749 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

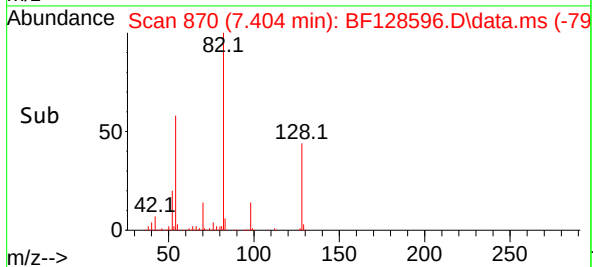
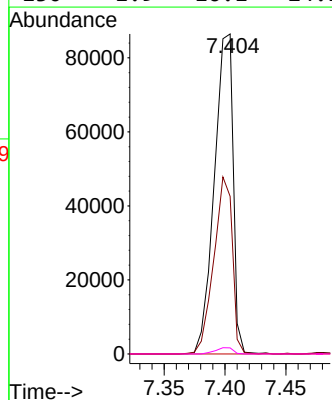
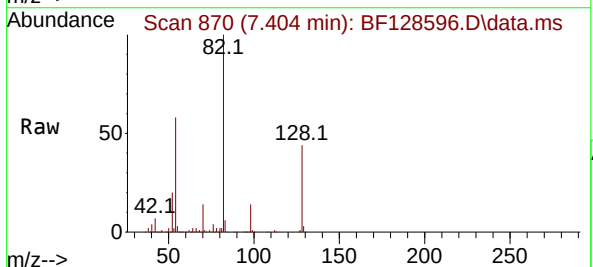
Instrument :
BNA_F
ClientSampleId :
RBR-671

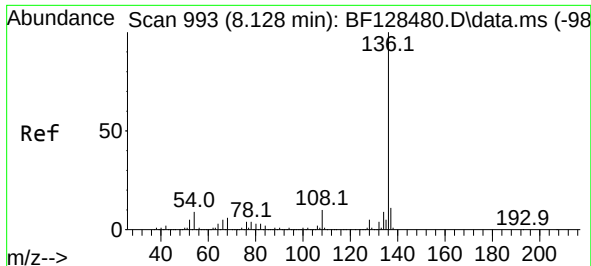
Tgt Ion: 99 Resp: 941917
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 42.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.357 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

Tgt Ion: 70 Resp: 92844
Ion Ratio Lower Upper
70 100
42 49.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 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: BF128596.D

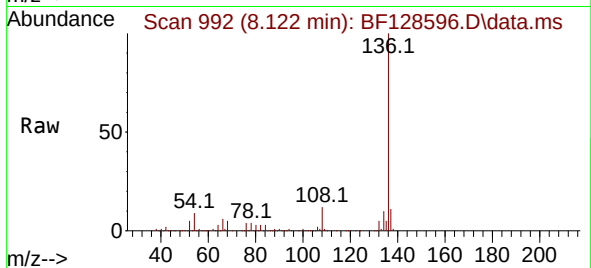
Acq: 31 May 2022 15:48

Instrument :

BNA_F

ClientSampleId :

RBR-671



Tgt Ion:136 Resp: 462969

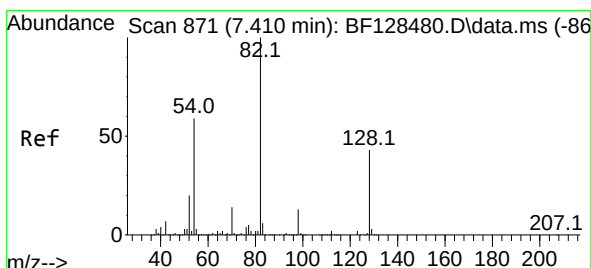
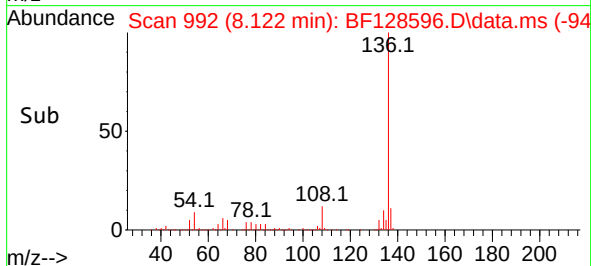
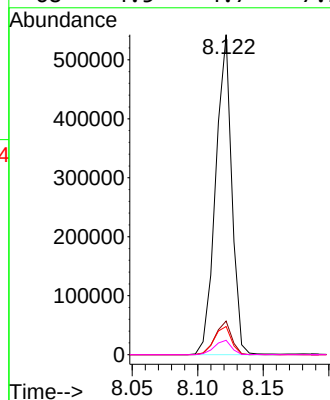
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.8 7.5 11.3

68 4.5 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 82.829 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF128596.D

Acq: 31 May 2022 15:48

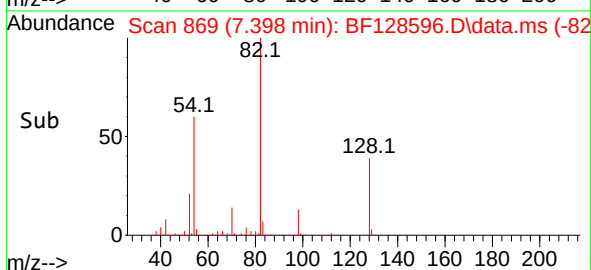
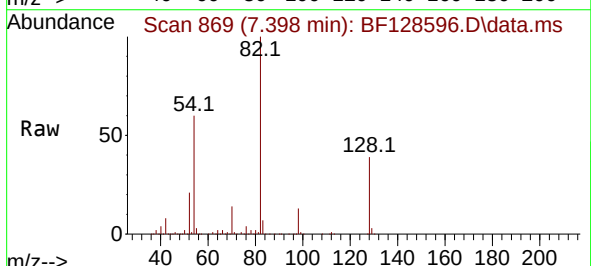
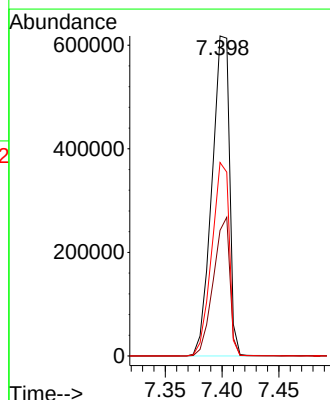
Tgt Ion: 82 Resp: 664736

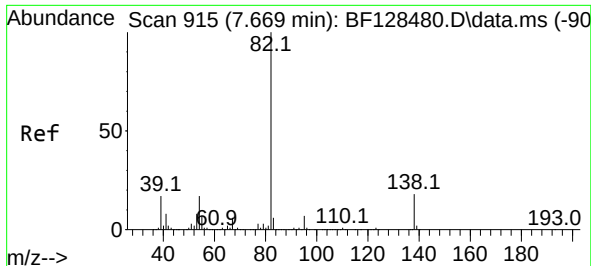
Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

54 60.4 46.9 70.3

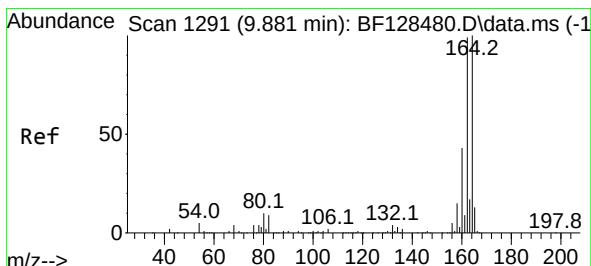
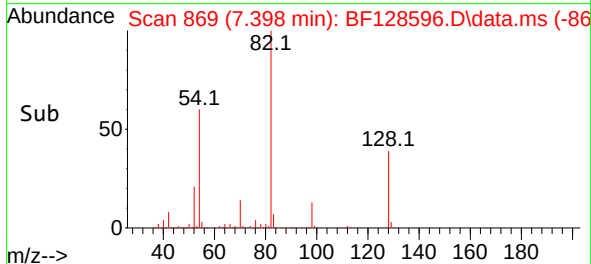
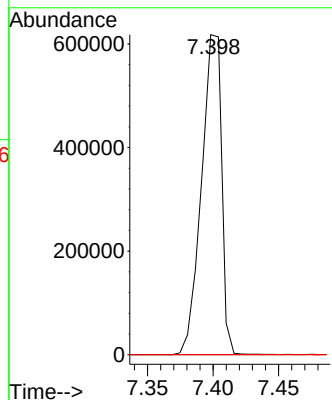
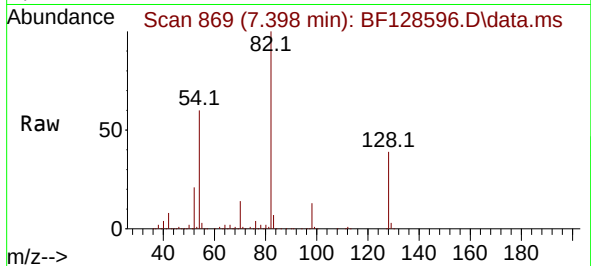




#25
Isophorone
Concen: 44.707 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

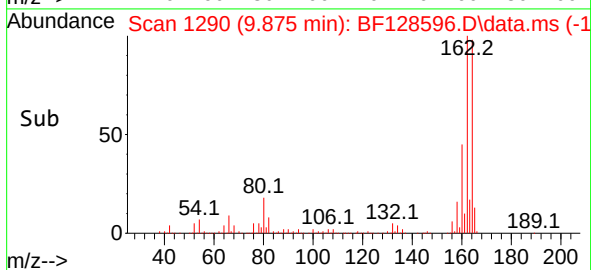
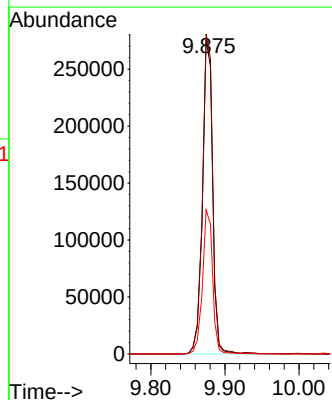
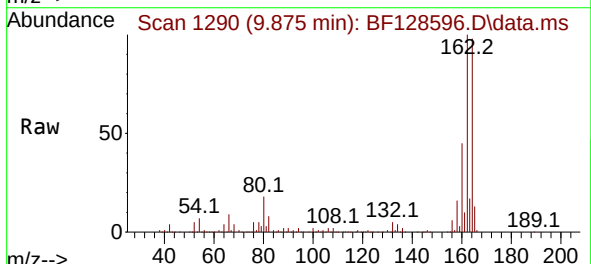
Instrument :
BNA_F
ClientSampleId :
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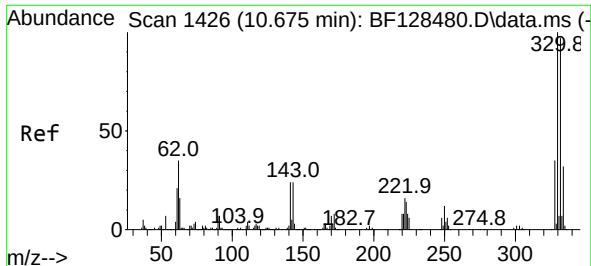
Tgt Ion: 82 Resp: 661880
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

Tgt Ion:164 Resp: 263023
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 119.287 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128596.D

Acq: 31 May 2022 15:48

Instrument :

BNA_F

ClientSampleId :

RBR-671

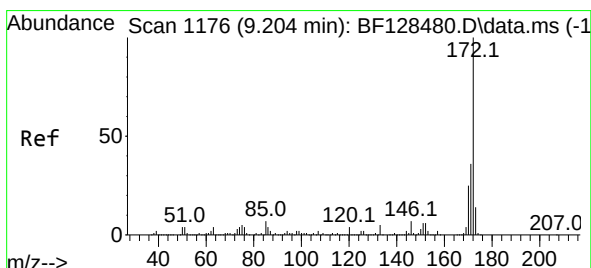
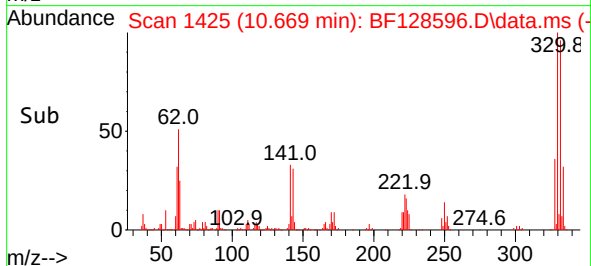
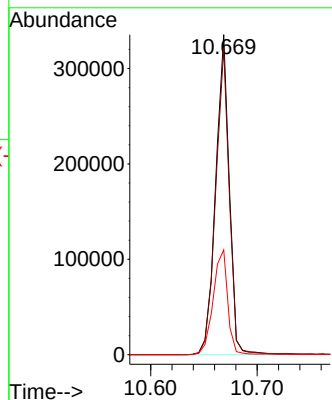
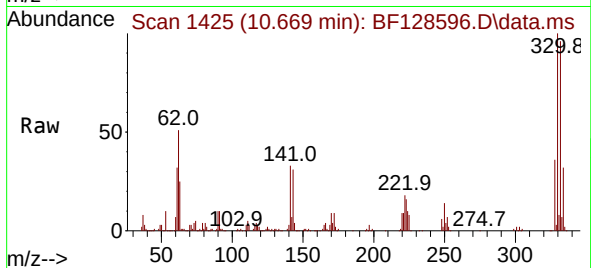
Tgt Ion:330 Resp: 298639

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.465 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128596.D

Acq: 31 May 2022 15:48

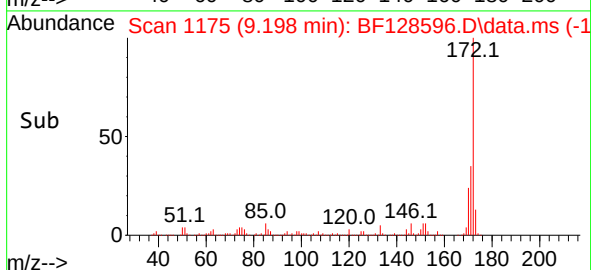
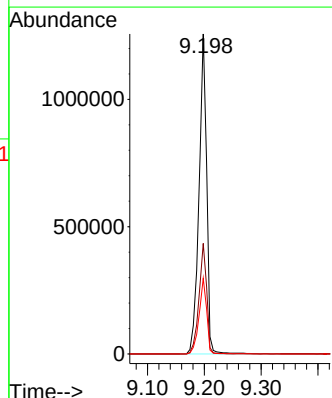
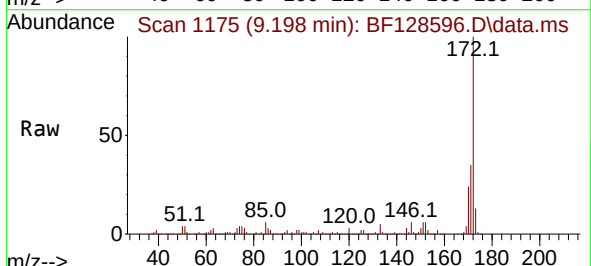
Tgt Ion:172 Resp: 1189369

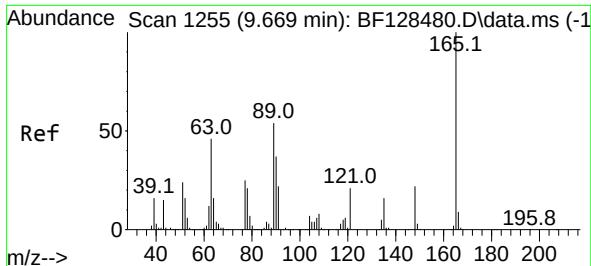
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.7 19.8 29.8

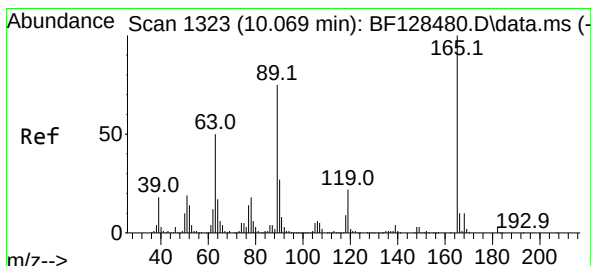
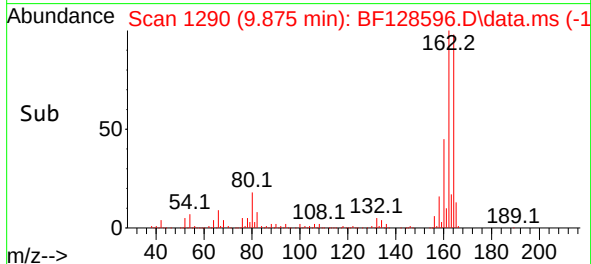
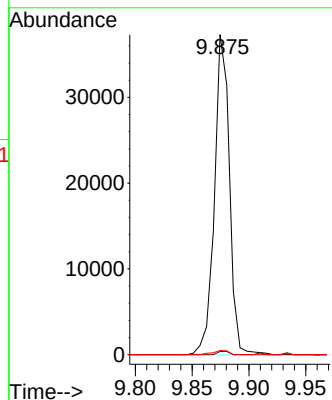
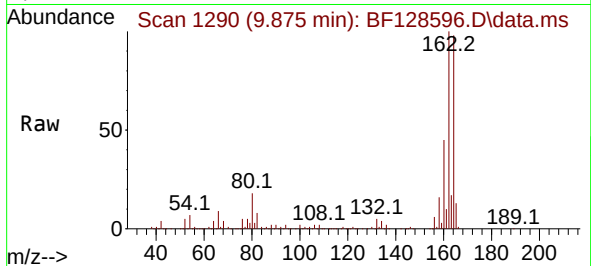




#51
2,6-Dinitrotoluene
Concen: 10.946 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

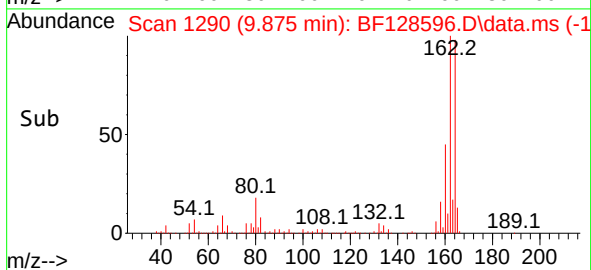
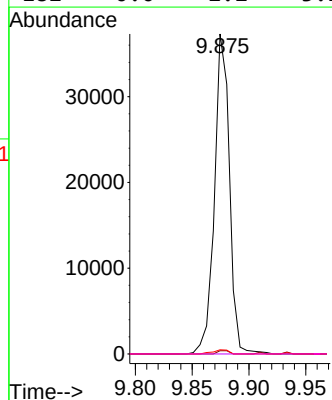
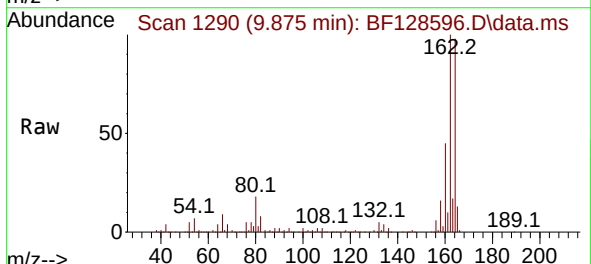
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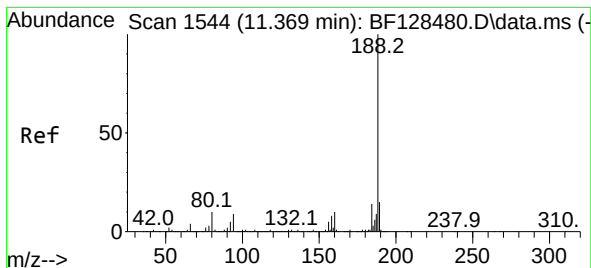
Tgt Ion:165 Resp: 34227
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 9.149 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

Tgt Ion:165 Resp: 34227
Ion Ratio Lower Upper
165 100
63 1.0 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: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128596.D

Acq: 31 May 2022 15:48

Instrument :

BNA_F

ClientSampleId :

RBR-671

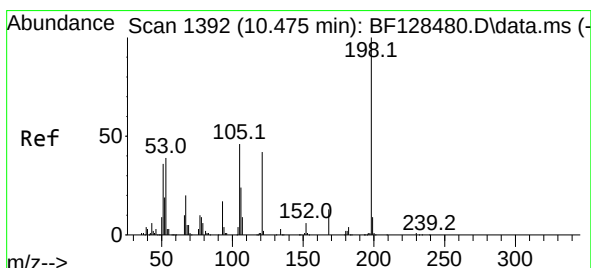
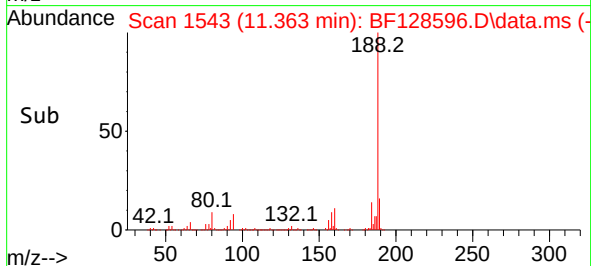
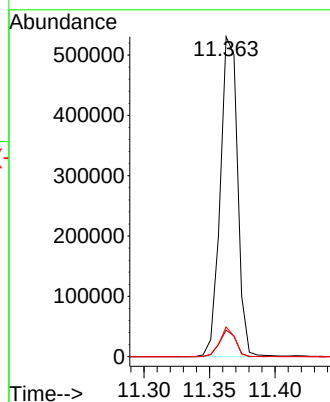
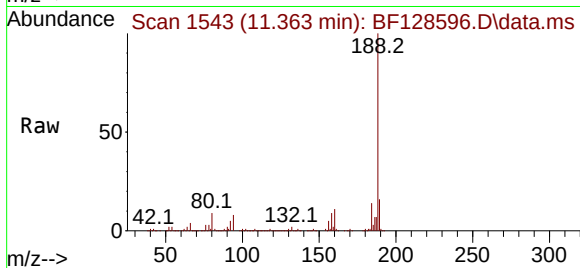
Tgt Ion:188 Resp: 486738

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 9.3 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.776 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.194 min

Lab File: BF128596.D

Acq: 31 May 2022 15:48

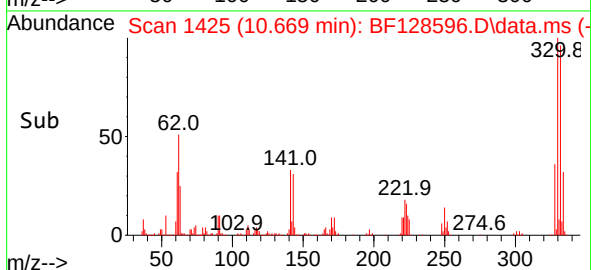
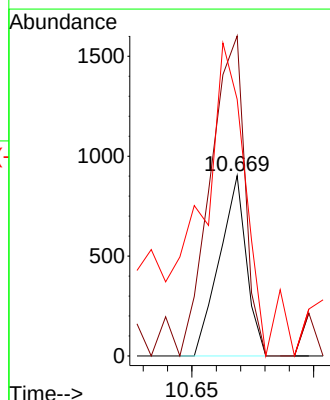
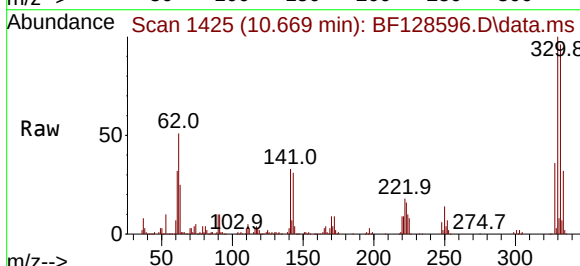
Tgt Ion:198 Resp: 696

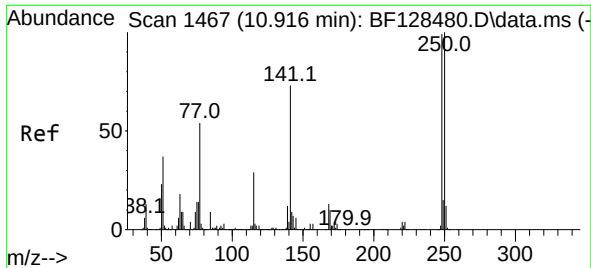
Ion Ratio Lower Upper

198 100

51 177.4 37.6 77.6#

105 142.3 27.0 67.0#

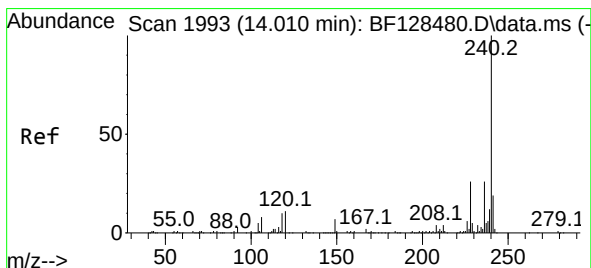
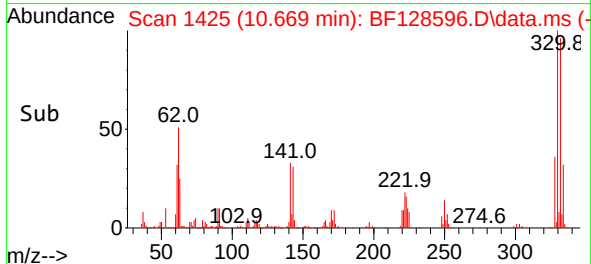
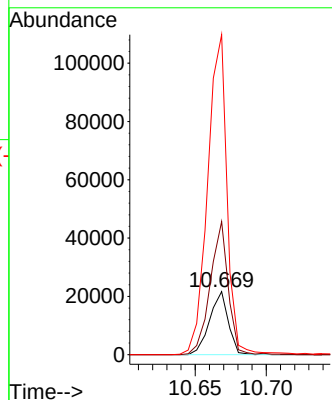
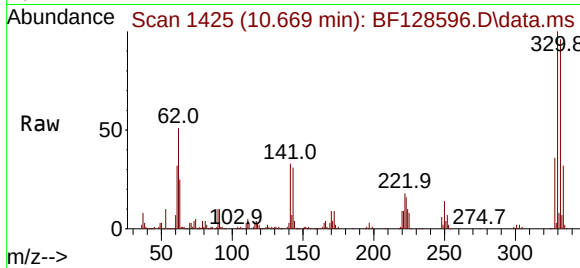




#67
4-Bromophenyl-phenylether
Concen: 3.941 ng
RT: 10.669 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

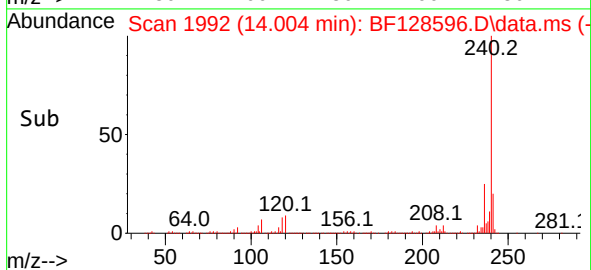
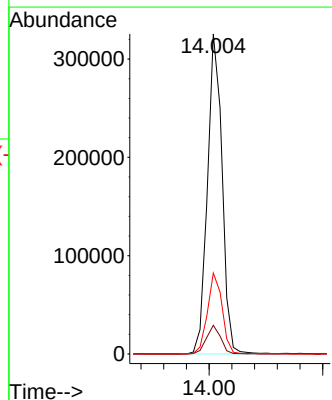
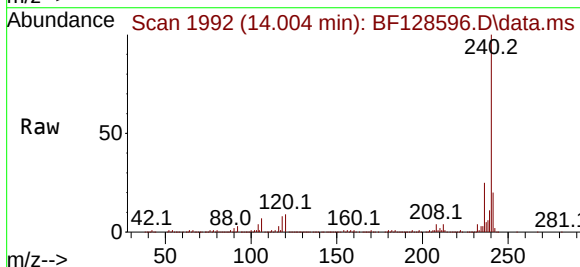
Instrument :
BNA_F
ClientSampleId :
RBR-671

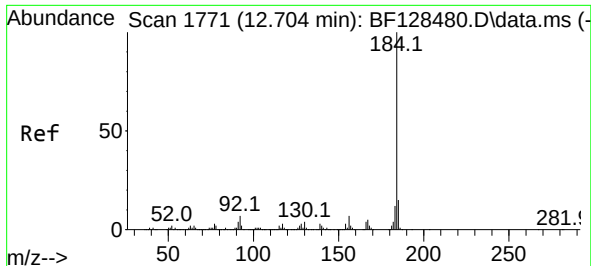
Tgt Ion:248 Resp: 19817
Ion Ratio Lower Upper
248 100
250 211.0 80.6 120.8#
141 507.3 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

Tgt Ion:240 Resp: 290621
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.3 20.8 31.2

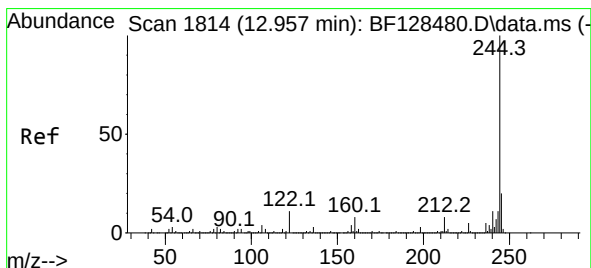
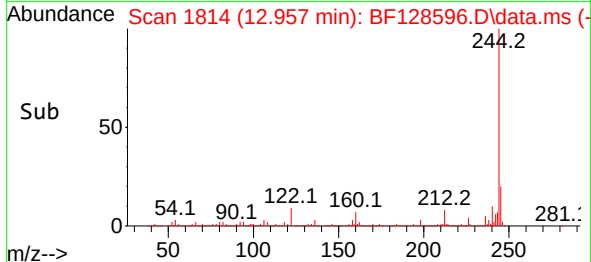
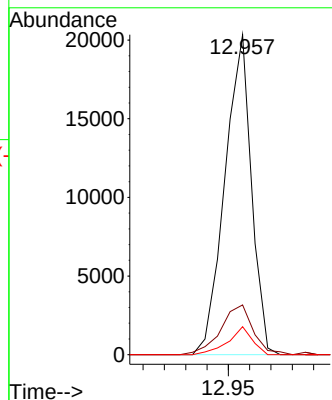
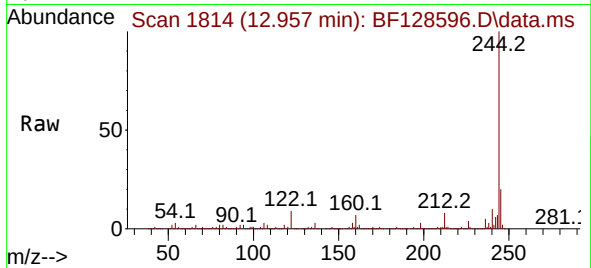




#77
Benzidine
Concen: 2.627 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.253 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

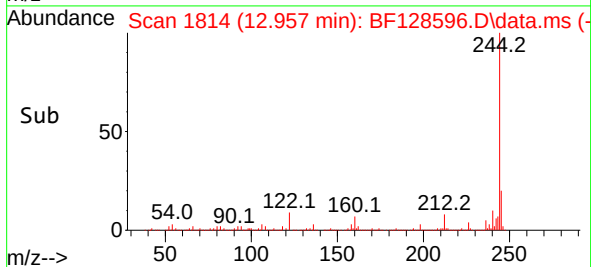
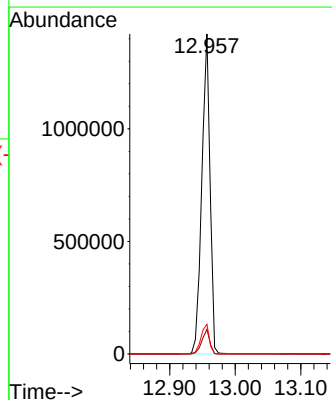
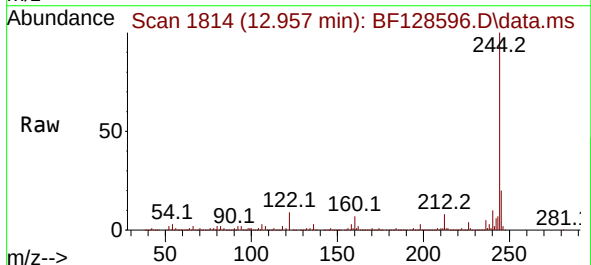
Instrument :
BNA_F
ClientSampleId :
RBR-671

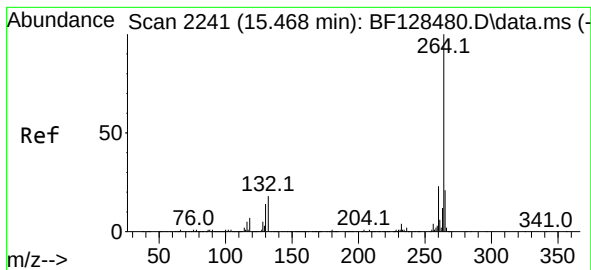
Tgt Ion:184 Resp: 17607
Ion Ratio Lower Upper
184 100
185 15.5 11.9 17.9
183 8.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 82.520 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128596.D
Acq: 31 May 2022 15:48

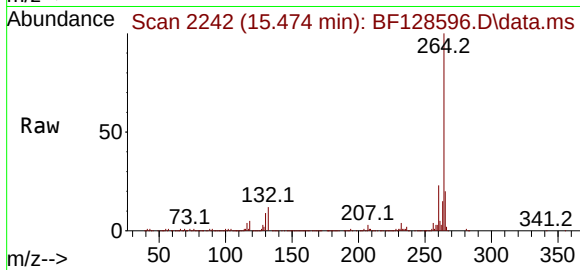
Tgt Ion:244 Resp: 1241334
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 9.3 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF128596.D
 Acq: 31 May 2022 15:48

Instrument :
 BNA_F
 ClientSampleId :
 RBR-671



Tgt Ion:264 Resp: 221655
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 20.2 17.2 25.8

