

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129063.D
 Acq On : 30 Jun 2022 17:27
 Operator : CG\JU
 Sample : N3501-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2208-28

Quant Time: Jul 01 05:43:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

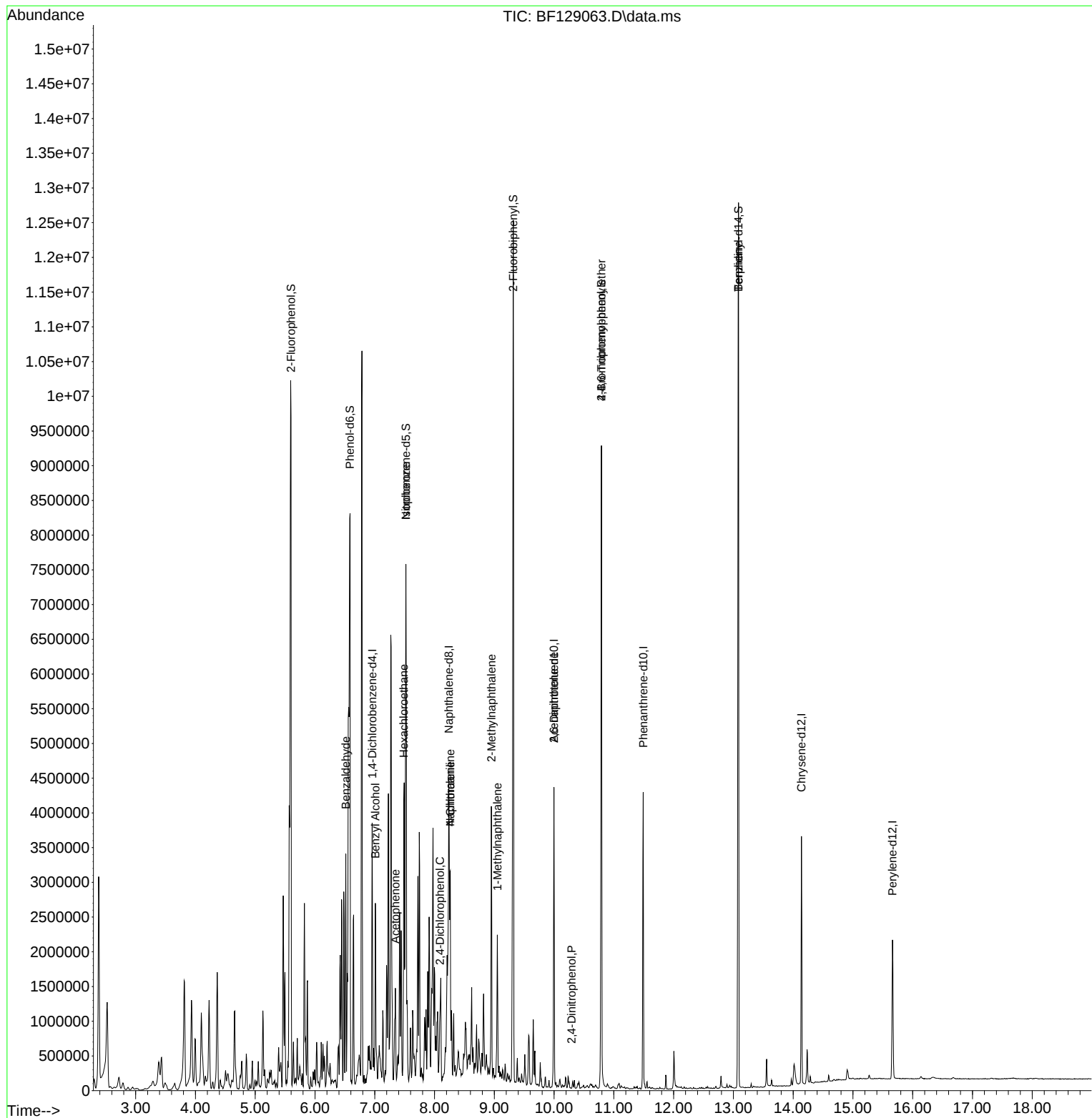
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	420241	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1611072	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	848427	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1538346	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1166564	20.000	ng	-0.01
86) Perylene-d12	15.662	264	920426	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	3063467	123.244	ng	0.01
7) Phenol-d6	6.586	99	3952438	128.028	ng	0.00
23) Nitrobenzene-d5	7.522	82	2518311	93.235	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	1265915	137.221	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4346750	81.962	ng	0.00
79) Terphenyl-d14	13.086	244	4706012	83.773	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	112704	4.842	ng	# 1
15) Benzyl Alcohol	7.010	79	62421	2.874	ng	# 5
18) Hexachloroethane	7.486	117	214780	21.098	ng	# 1
22) Acetophenone	7.345	105	478077	12.936	ng	# 55
25) Isophorone	7.522	82	2450272	53.677	ng	# 65
29) 2,4-Dichlorophenol	8.092	162	59593	2.664	ng	# 27
31) Naphthalene	8.263	128	939847	12.850	ng	99
33) 4-Chloroaniline	8.263	127	131761	4.471	ng	# 35
37) 2-Methylnaphthalene	8.951	142	1061481	21.569	ng	99
38) 1-Methylnaphthalene	9.051	142	520942	10.900	ng	97
51) 2,6-Dinitrotoluene	9.998	165	114575	10.564	ng	# 26
54) 2,4-Dinitrophenol	10.292	184	355	6.922	ng	# 13
67) 4-Bromophenyl-phenylether	10.792	248	78300	4.785	ng	# 1
77) Benzidine	13.086	184	70680	3.403	ng	# 91

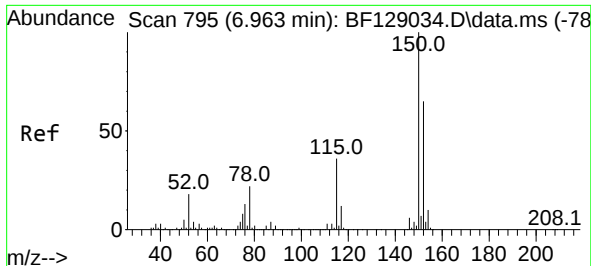
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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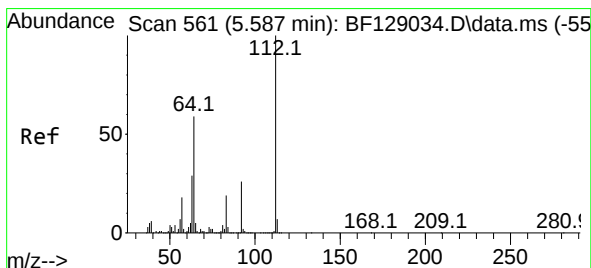
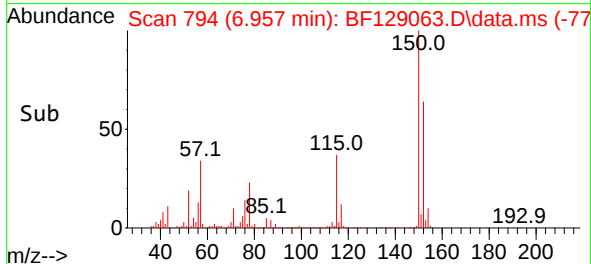
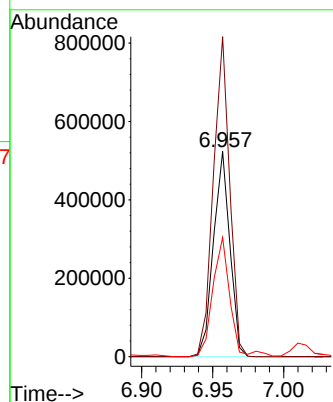
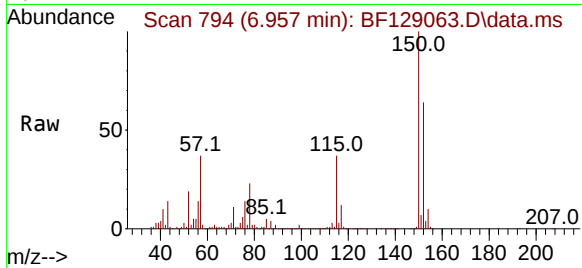




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

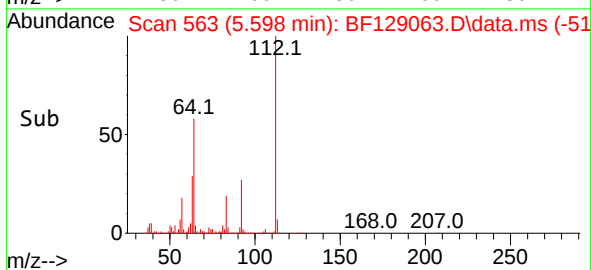
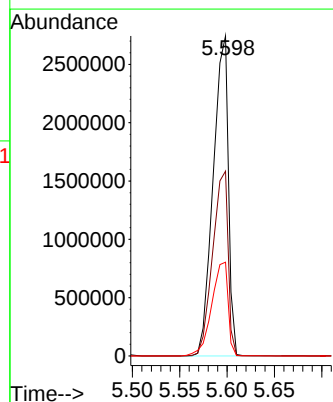
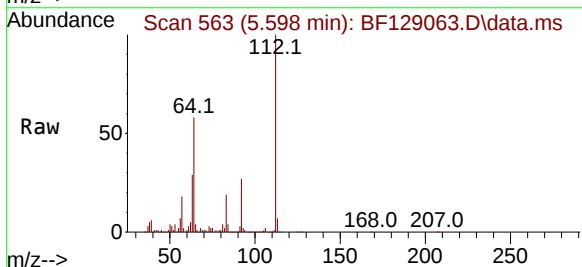
Instrument :
BNA_F
ClientSampleId :
B2208-28

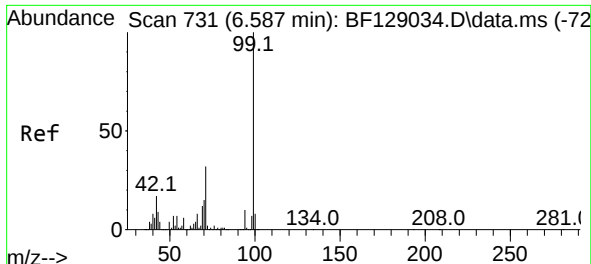
Tgt Ion:152 Resp: 420241
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 58.1 49.9 74.9



#5
2-Fluorophenol
Concen: 123.244 ng
RT: 5.598 min Scan# 563
Delta R.T. 0.011 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion:112 Resp: 3063467
Ion Ratio Lower Upper
112 100
64 57.7 53.3 79.9
63 29.3 28.0 42.0

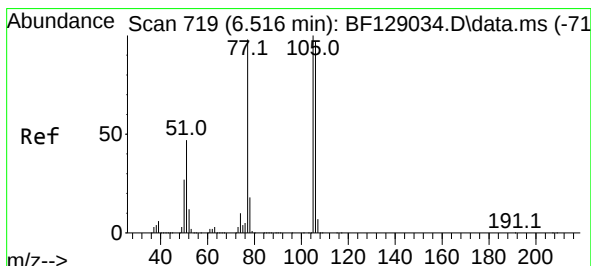
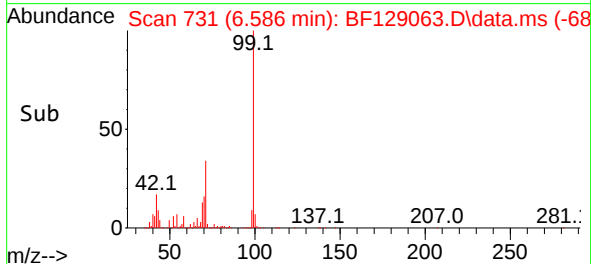
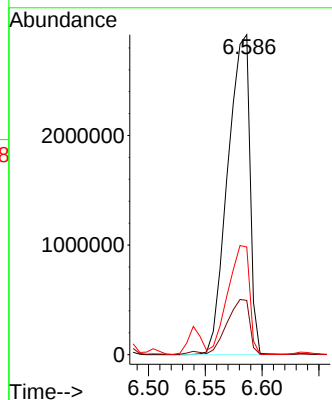
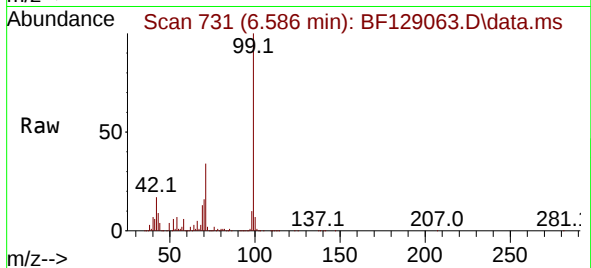




#7
Phenol-d6
Concen: 128.028 ng
RT: 6.586 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

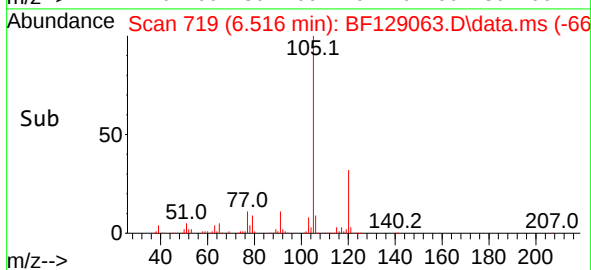
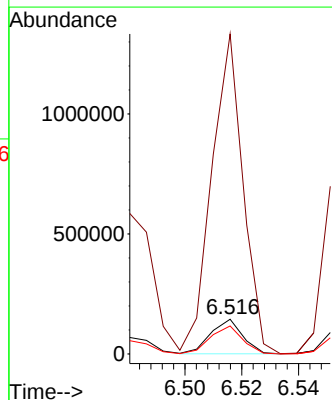
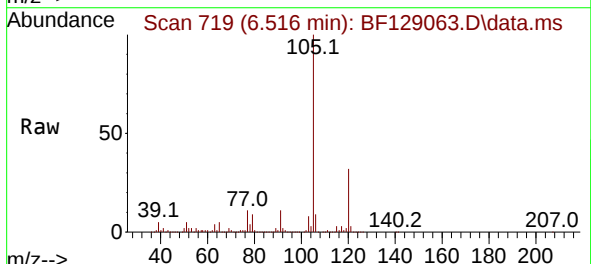
Instrument :
BNA_F
ClientSampleId :
B2208-28

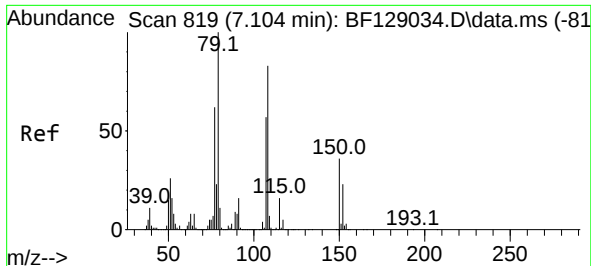
Tgt Ion: 99 Resp: 3952438
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 33.7 28.9 43.3



#9
Benzaldehyde
Concen: 4.842 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion: 77 Resp: 112704
Ion Ratio Lower Upper
77 100
105 919.3 81.6 121.6#
106 80.5 76.1 116.1





#15

Benzyl Alcohol

Concen: 2.874 ng

RT: 7.010 min Scan# 80

Delta R.T. -0.094 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

Instrument :

BNA_F

ClientSampleId :

B2208-28

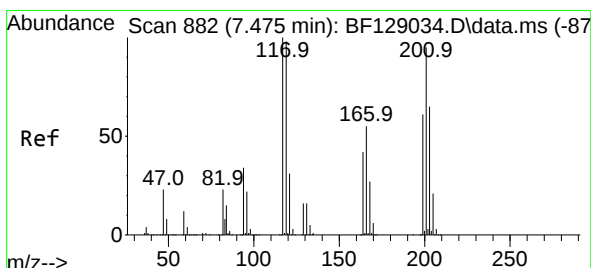
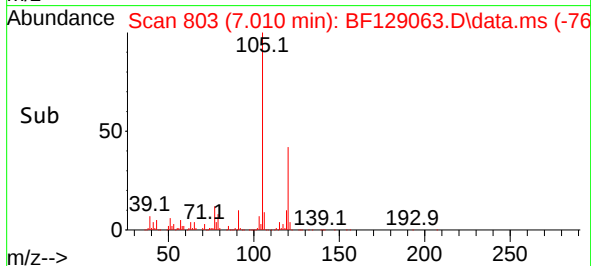
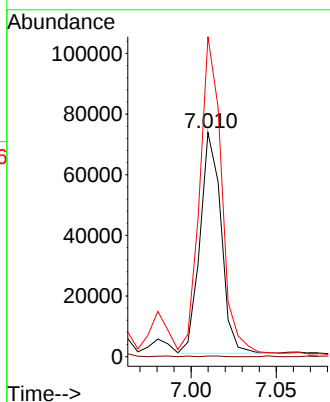
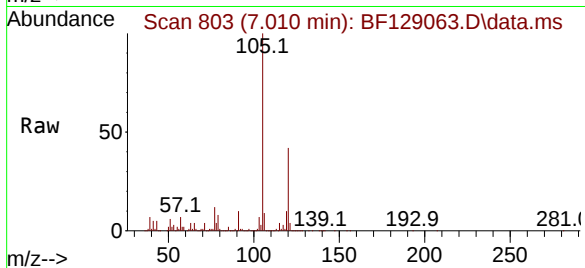
Tgt Ion: 79 Resp: 62421

Ion Ratio Lower Upper

79 100

108 0.3 61.8 92.6#

77 142.7 50.2 75.4#



#18

Hexachloroethane

Concen: 21.098 ng

RT: 7.486 min Scan# 884

Delta R.T. 0.011 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

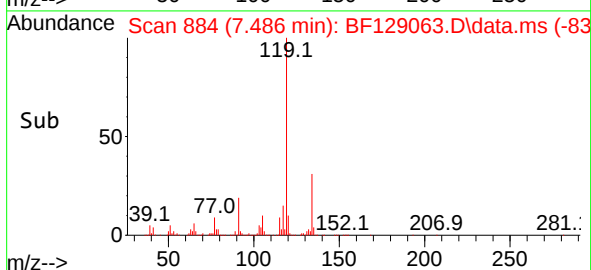
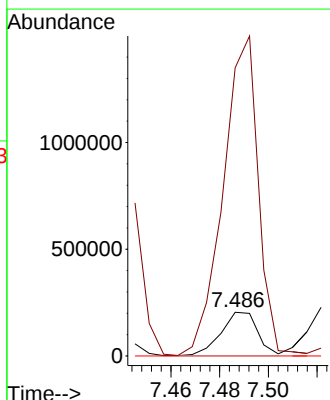
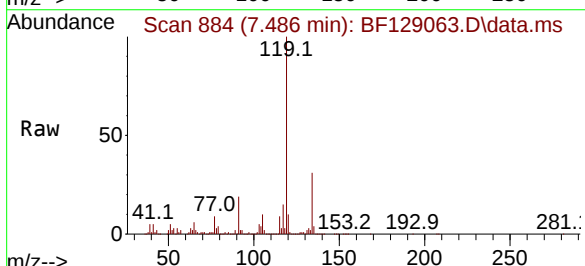
Tgt Ion: 117 Resp: 214780

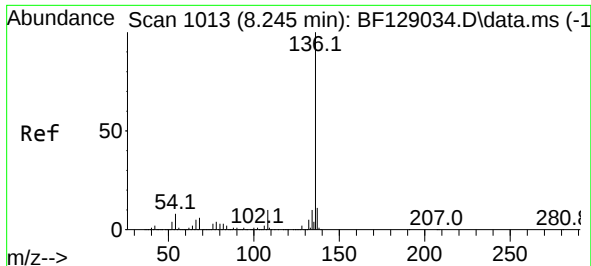
Ion Ratio Lower Upper

117 100

119 660.3 77.4 116.2#

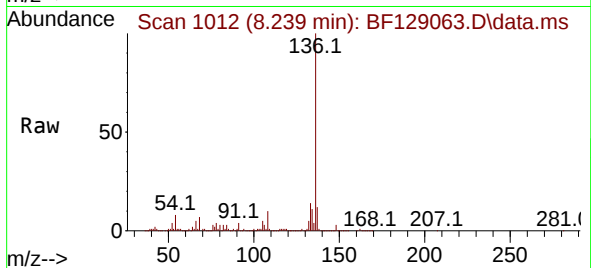
201 0.0 84.6 127.0#



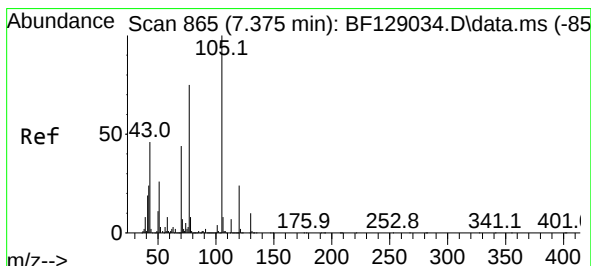
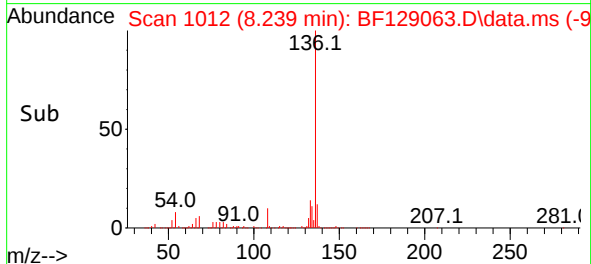
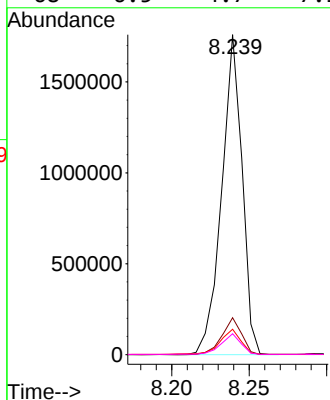


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

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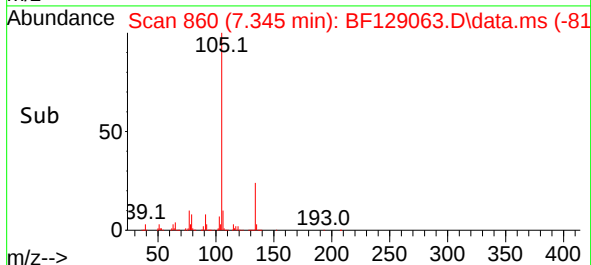
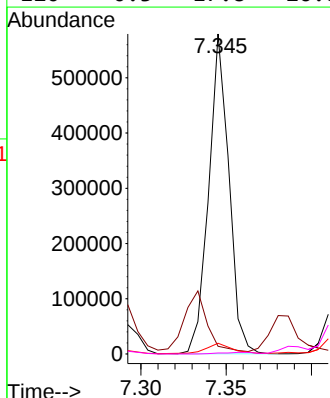
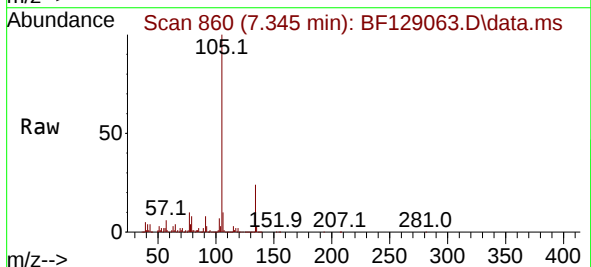


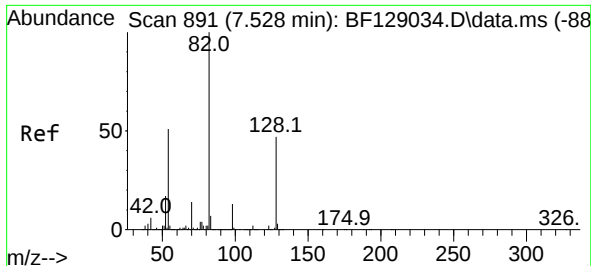
Tgt Ion:136 Resp: 1611072
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.0 7.5 11.3
68 6.5 4.7 7.1



#22
Acetophenone
Concen: 12.936 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.030 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion:105 Resp: 478077
Ion Ratio Lower Upper
105 100
71 2.4 5.0 7.4#
51 3.3 25.0 37.4#
120 0.3 17.8 26.8#

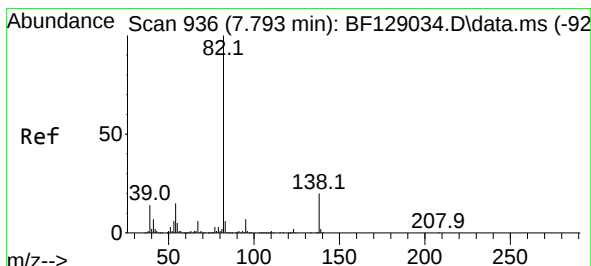
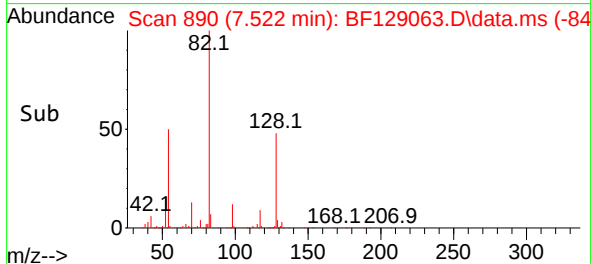
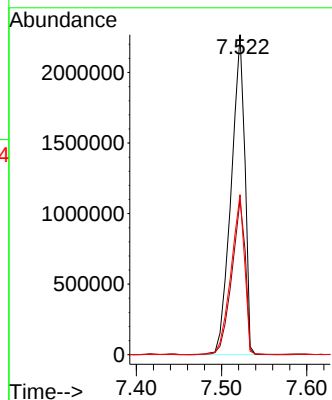
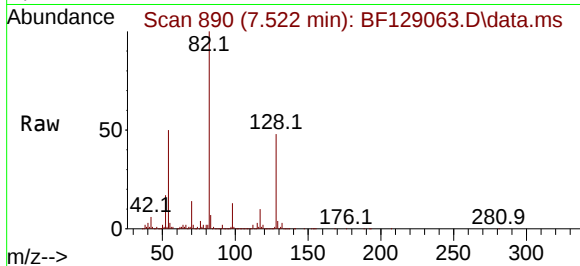




#23
Nitrobenzene-d5
Concen: 93.235 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

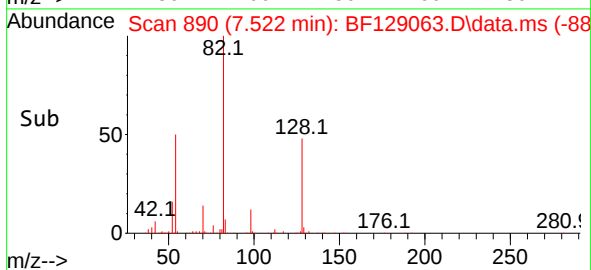
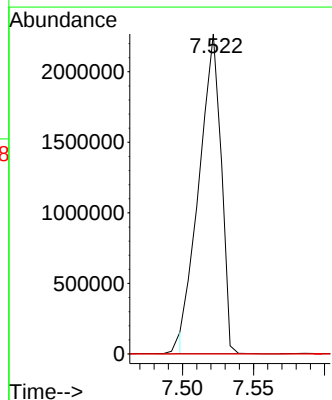
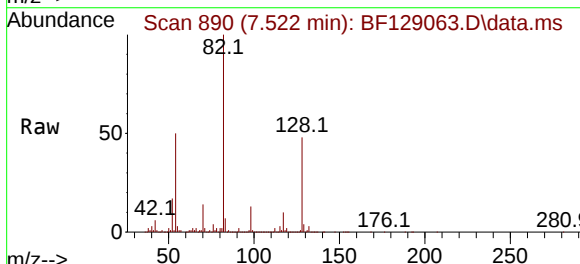
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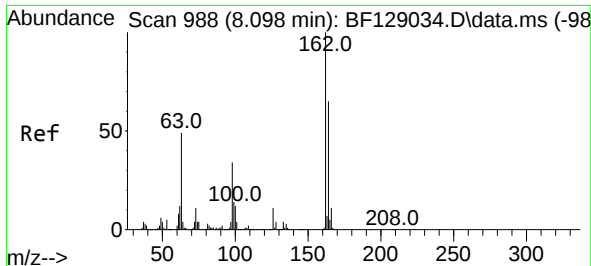
Tgt Ion: 82 Resp: 2518311
Ion Ratio Lower Upper
82 100
128 48.4 34.0 51.0
54 50.0 46.9 70.3



#25
Isophorone
Concen: 53.677 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.271 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion: 82 Resp: 2450272
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#





#29

2,4-Dichlorophenol

Concen: 2.664 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

Instrument :

BNA_F

ClientSampleId :

B2208-28

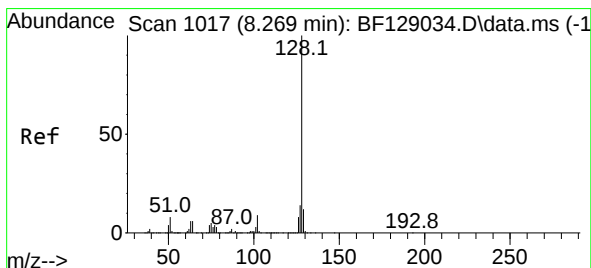
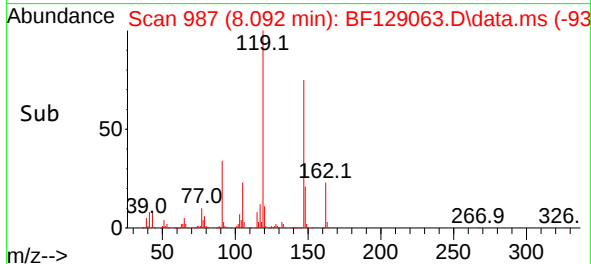
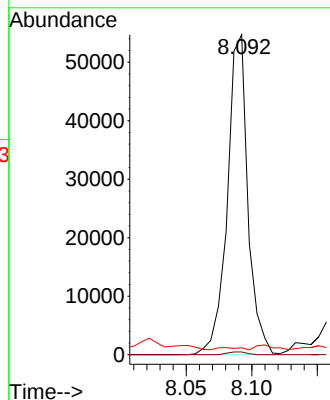
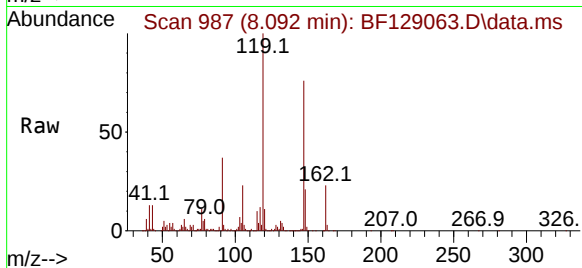
Tgt Ion:162 Resp: 59593

Ion Ratio Lower Upper

162 100

164 0.9 44.2 84.2#

98 2.1 19.6 59.6#



#31

Naphthalene

Concen: 12.850 ng

RT: 8.263 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

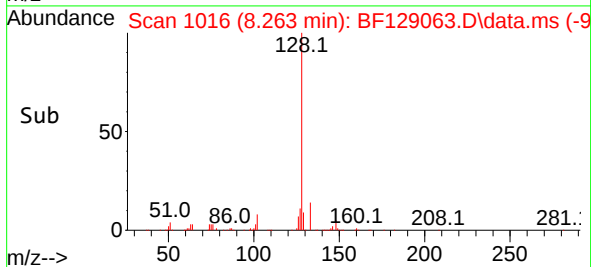
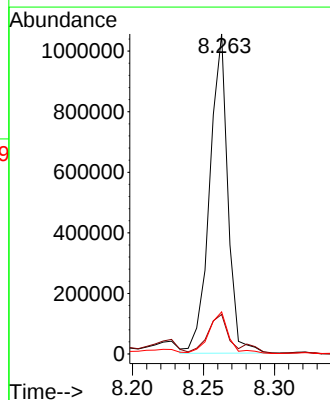
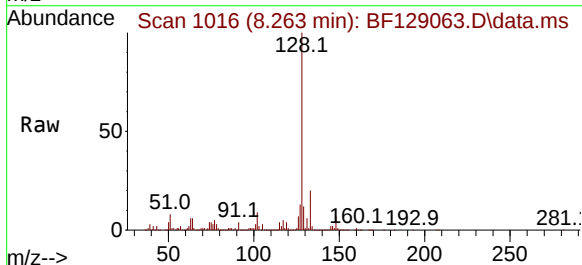
Tgt Ion:128 Resp: 939847

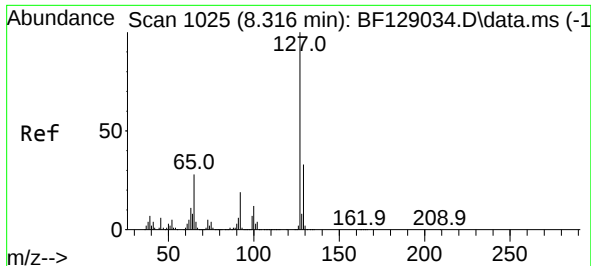
Ion Ratio Lower Upper

128 100

129 12.3 9.2 13.8

127 13.2 10.5 15.7

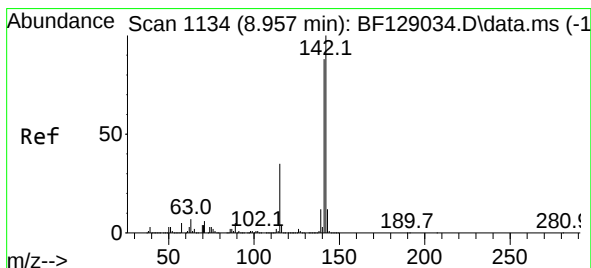
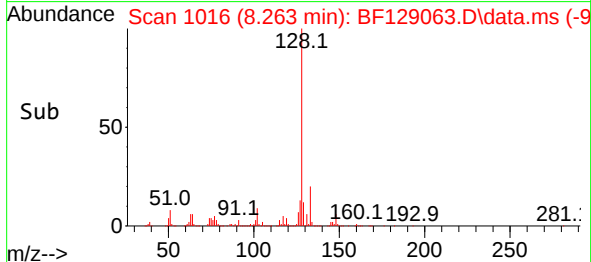
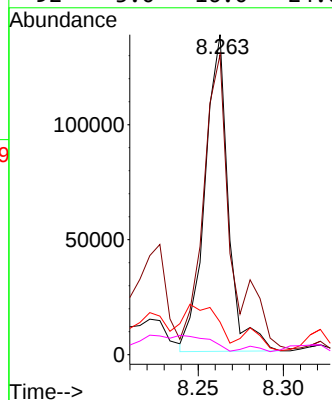
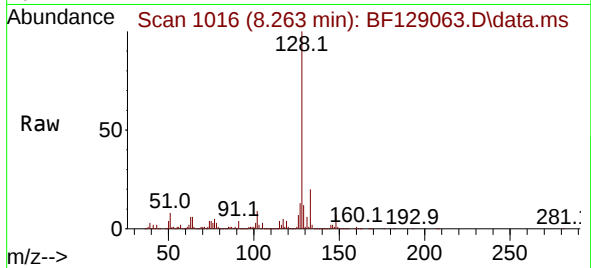




#33
4-Chloroaniline
Concen: 4.471 ng
RT: 8.263 min Scan# 1025
Delta R.T. -0.053 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

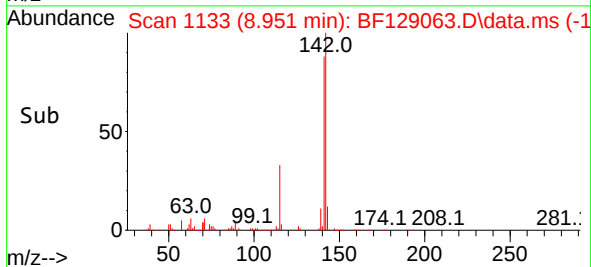
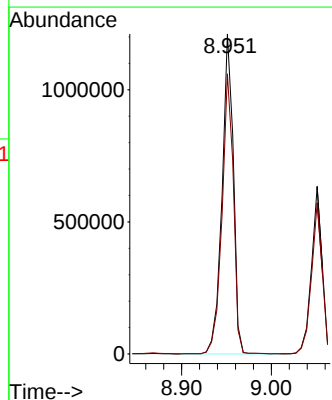
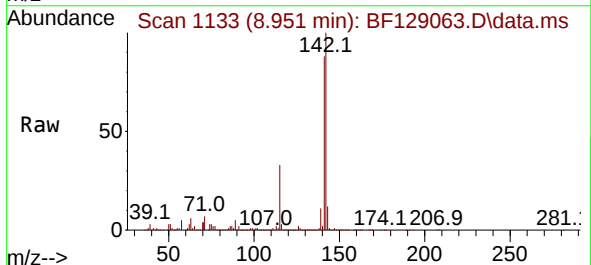
Instrument :
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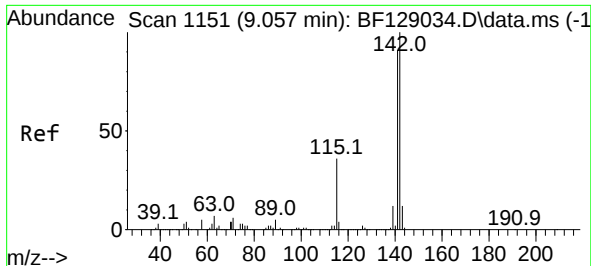
Tgt Ion:127 Resp: 131761
Ion Ratio Lower Upper
127 100
129 93.7 26.4 39.6#
65 10.2 26.4 39.6#
92 3.0 16.0 24.0#



#37
2-Methylnaphthalene
Concen: 21.569 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion:142 Resp: 1061481
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.4

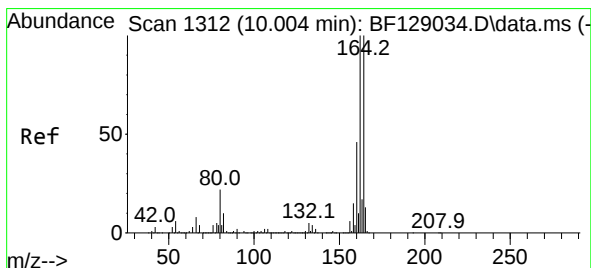
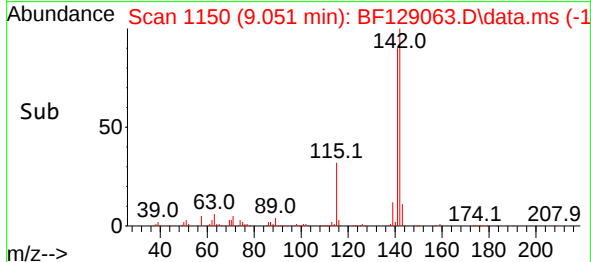
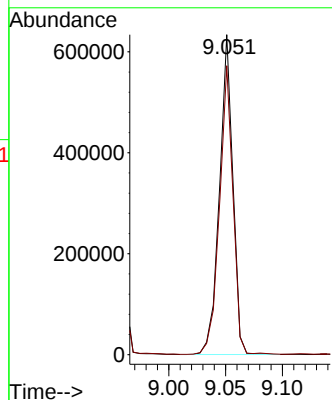
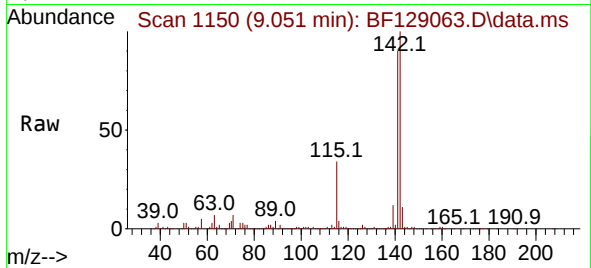




#38
1-Methylnaphthalene
Concen: 10.900 ng
RT: 9.051 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

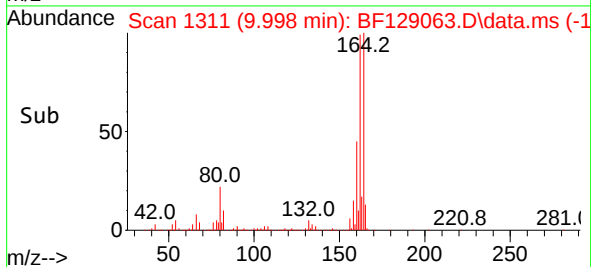
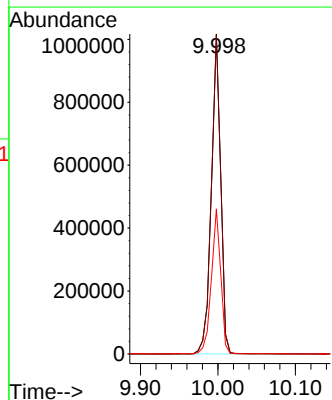
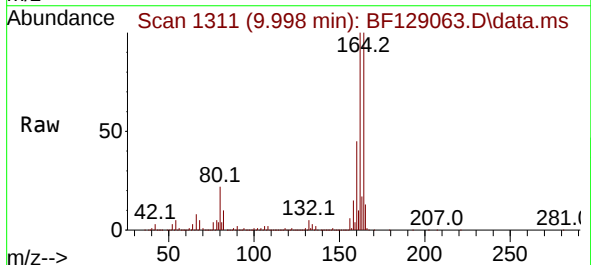
Instrument :
BNA_F
ClientSampleId :
B2208-28

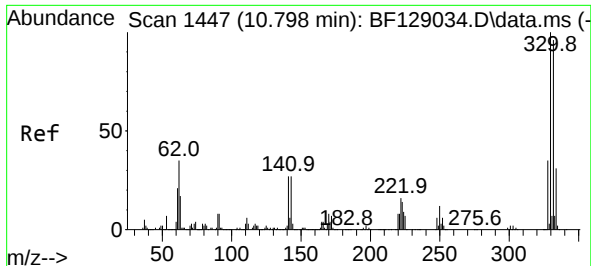
Tgt Ion:142 Resp: 520942
Ion Ratio Lower Upper
142 100
141 90.3 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion:164 Resp: 848427
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 45.3 34.2 51.4

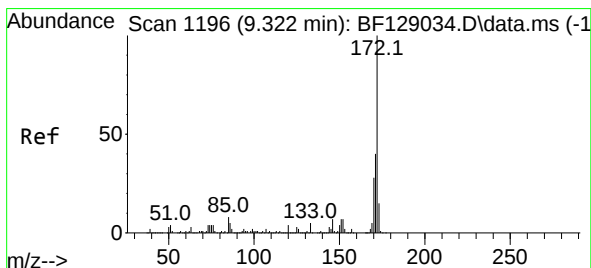
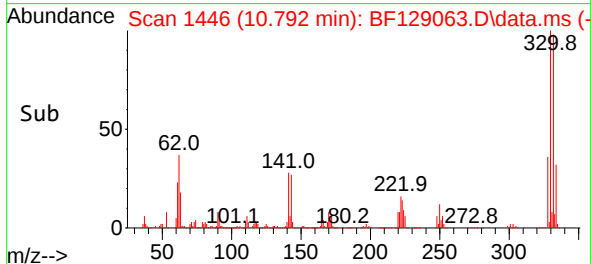
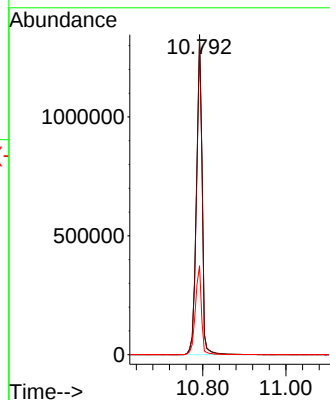
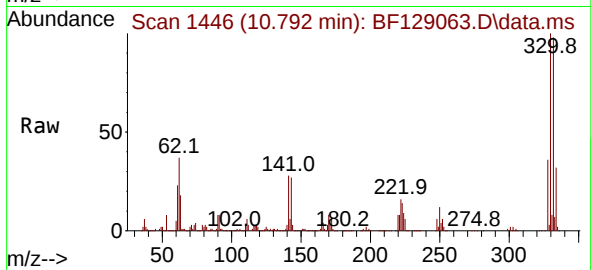




#42
2,4,6-Tribromophenol
Concen: 137.221 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

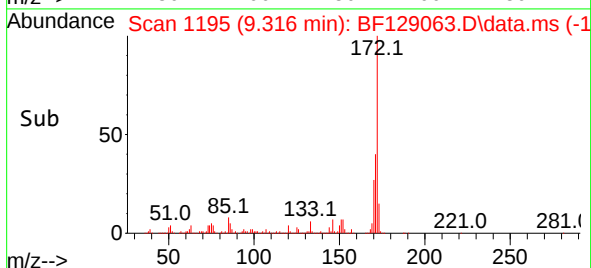
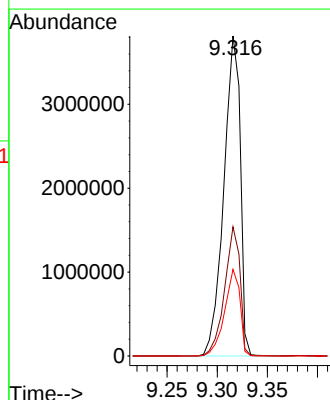
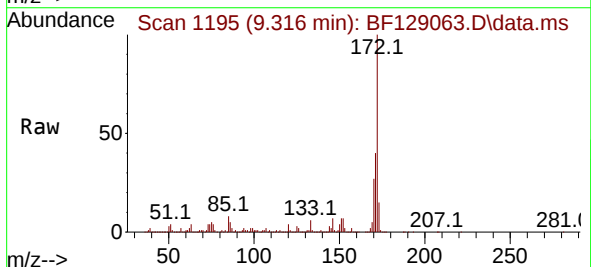
Instrument :
BNA_F
ClientSampleId :
B2208-28

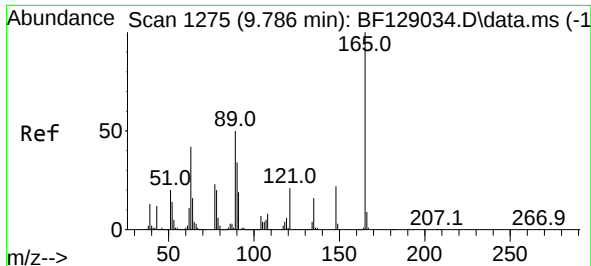
Tgt Ion:330 Resp: 1265915
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 29.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.962 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion:172 Resp: 4346750
Ion Ratio Lower Upper
172 100
171 40.4 28.8 43.2
170 27.1 19.8 29.8

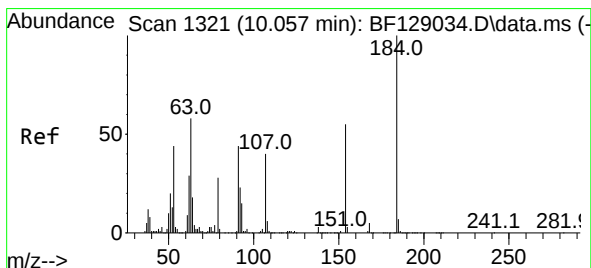
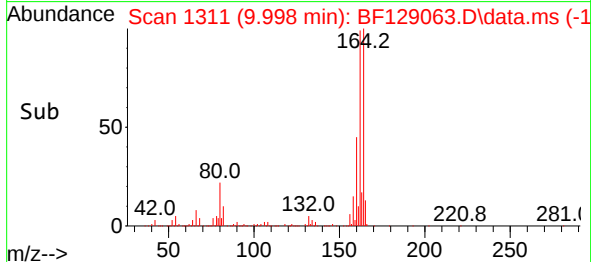
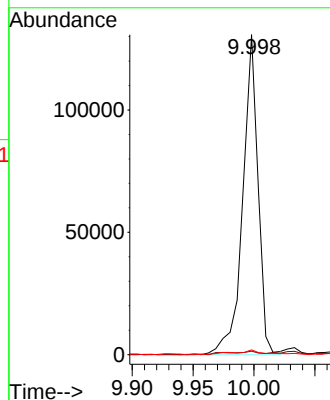
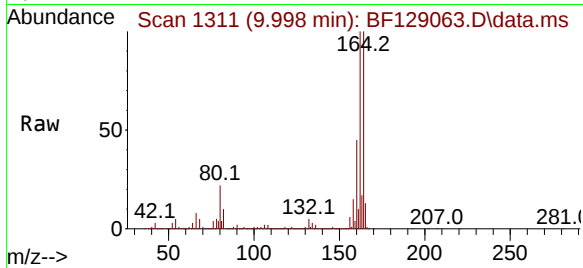




#51
2,6-Dinitrotoluene
Concen: 10.564 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.211 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

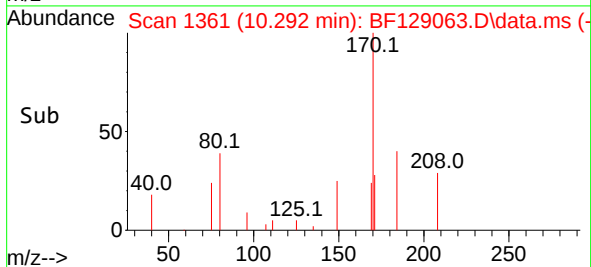
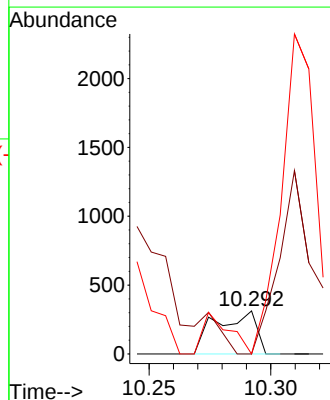
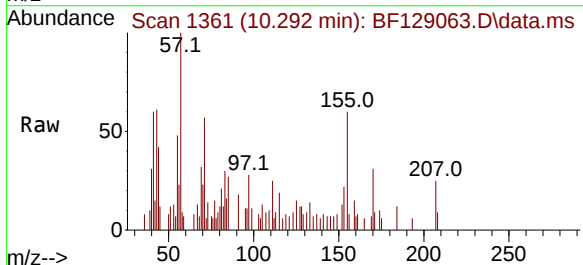
Instrument :
BNA_F
ClientSampleId :
B2208-28

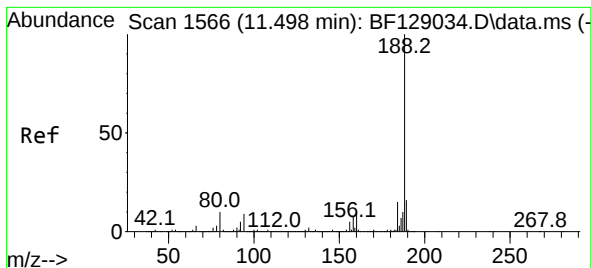
Tgt Ion:165 Resp: 114575
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.5 43.6 65.4#



#54
2,4-Dinitrophenol
Concen: 6.922 ng
RT: 10.292 min Scan# 1361
Delta R.T. 0.235 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion:184 Resp: 355
Ion Ratio Lower Upper
184 100
63 0.0 64.5 96.7#
154 0.0 50.6 75.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

Instrument :

BNA_F

ClientSampleId :

B2208-28

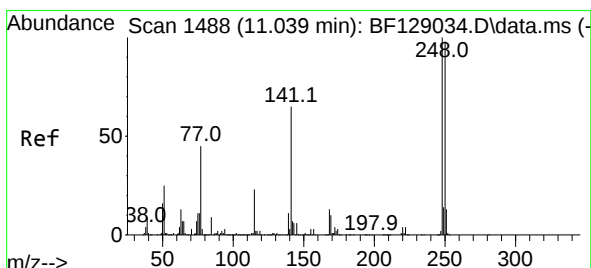
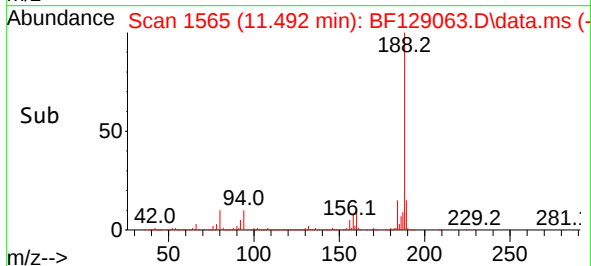
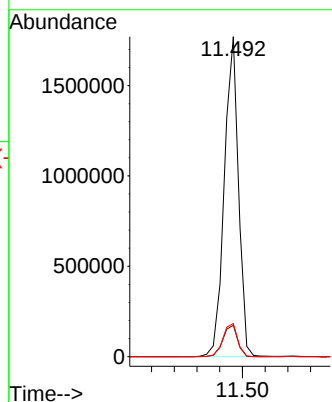
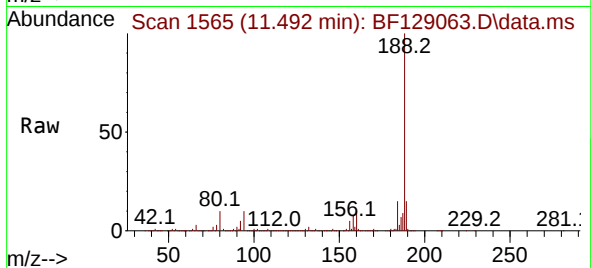
Tgt Ion:188 Resp: 1538346

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.785 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

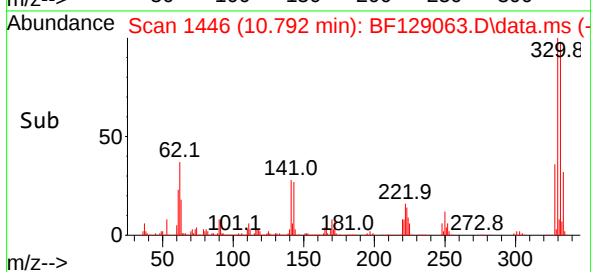
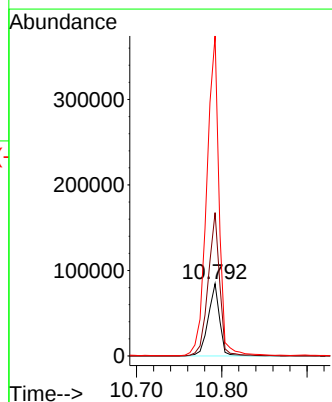
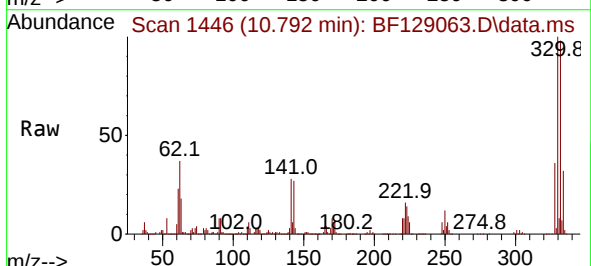
Tgt Ion:248 Resp: 78300

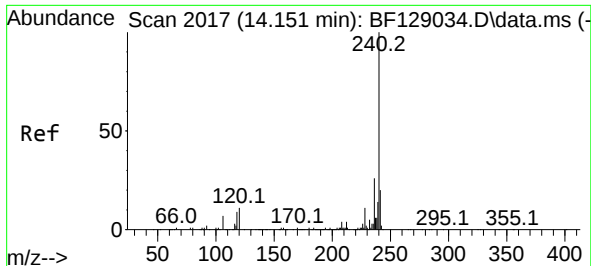
Ion Ratio Lower Upper

248 100

250 198.1 80.6 120.8#

141 442.3 58.9 88.3#

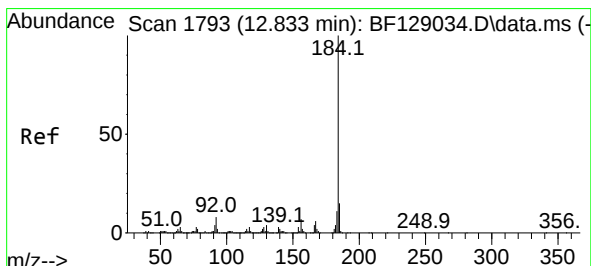
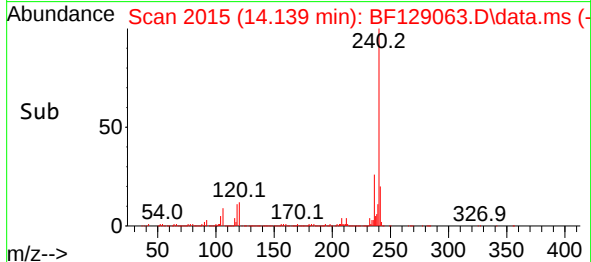
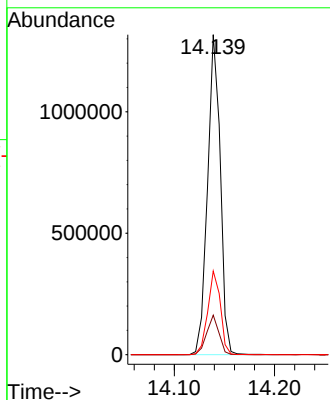
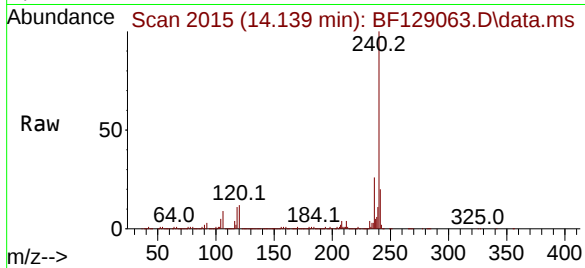




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

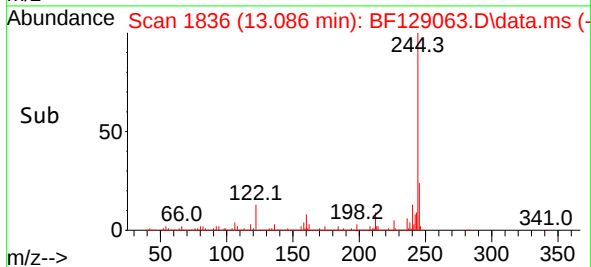
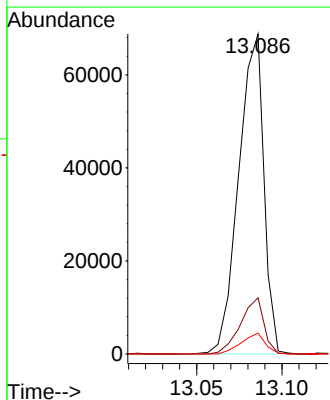
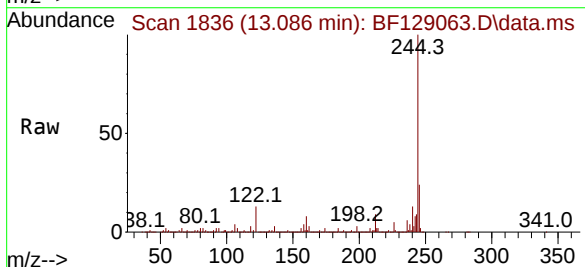
Instrument :
BNA_F
ClientSampleId :
B2208-28

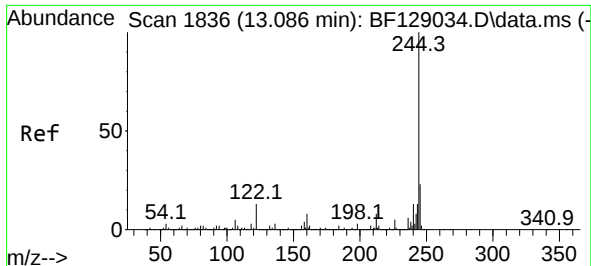
Tgt Ion:240 Resp: 1166564
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.1 20.8 31.2



#77
Benzidine
Concen: 3.403 ng
RT: 13.086 min Scan# 1836
Delta R.T. 0.253 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

Tgt Ion:184 Resp: 70680
Ion Ratio Lower Upper
184 100
185 17.5 11.9 17.9
183 6.5 9.3 13.9#

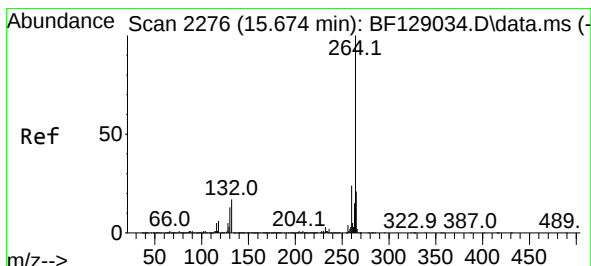
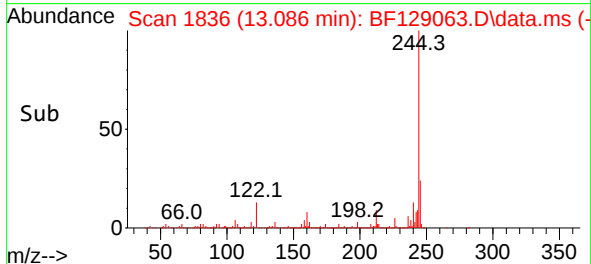
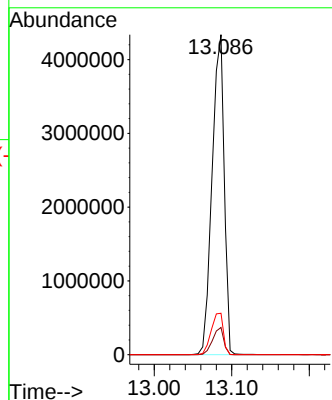
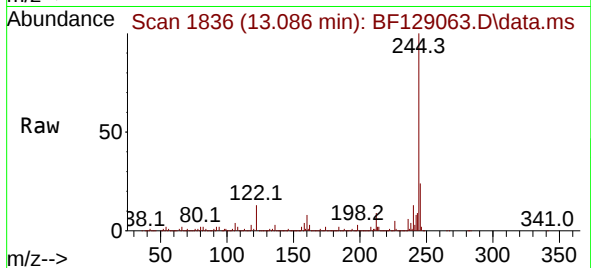




#79
 Terphenyl-d14
 Concen: 83.773 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129063.D
 Acq: 30 Jun 2022 17:27

Instrument :
 BNA_F
 ClientSampleId :
 B2208-28

Tgt Ion:244 Resp: 4706012
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.1 9.1
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129063.D
 Acq: 30 Jun 2022 17:27

Tgt Ion:264 Resp: 920426
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.7 17.2 25.8

