

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)

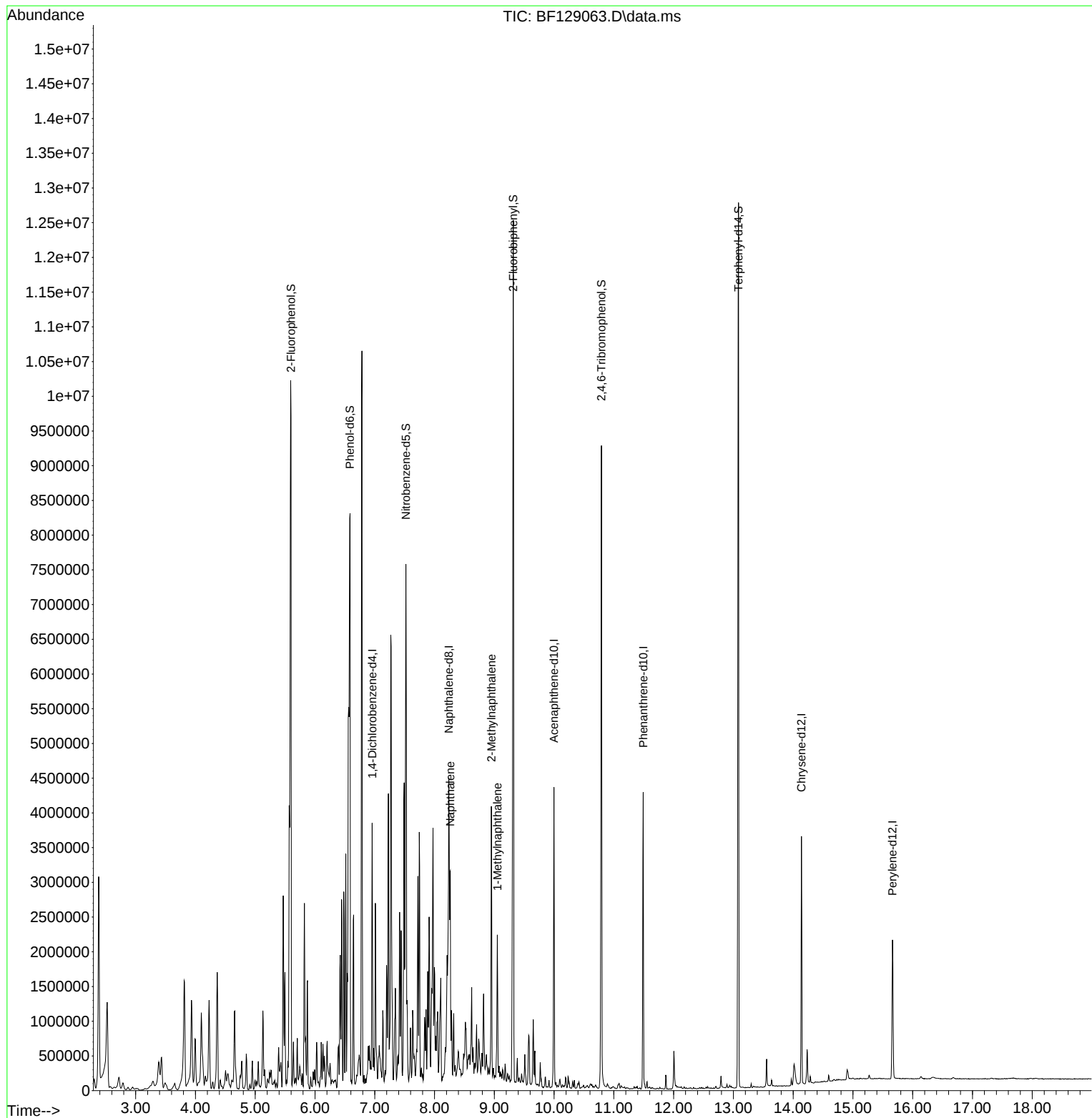
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	420241	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1611072	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	848427	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1538346	20.000	ng	0.00
76) Chrysene-d12	14.139	240	1166564	20.000	ng	-0.01
86) Perylene-d12	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
31) Naphthalene	8.263	128	939847	12.850	ng	99
37) 2-Methylnaphthalene	8.951	142	1061481	21.569	ng	99
38) 1-Methylnaphthalene	9.051	142	520942	10.900	ng	97

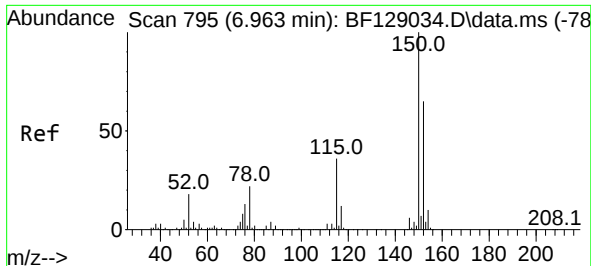
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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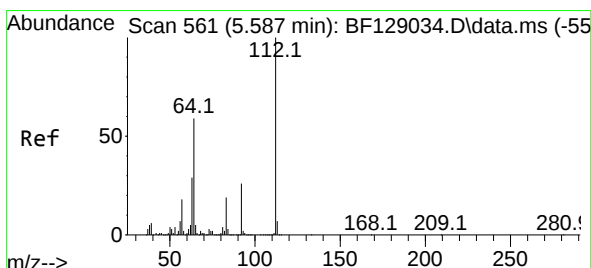
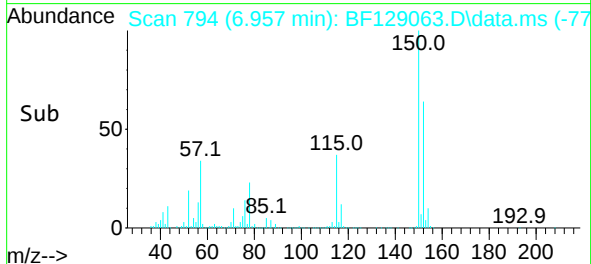
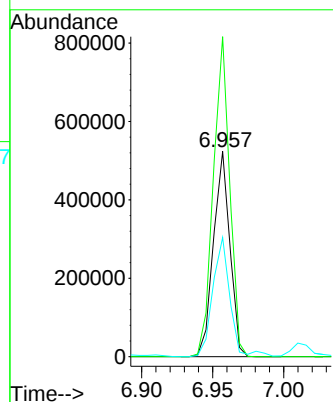
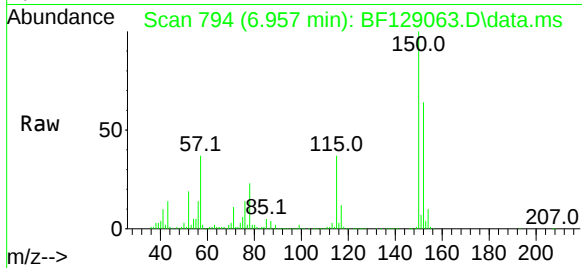




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

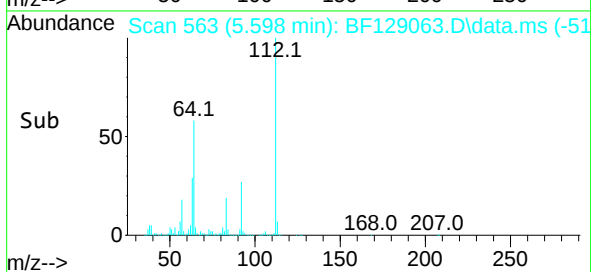
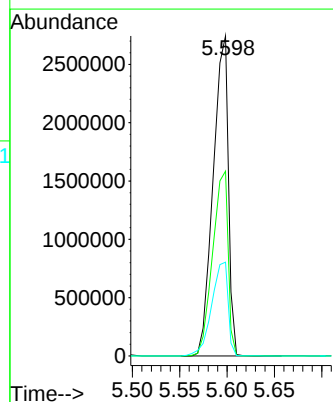
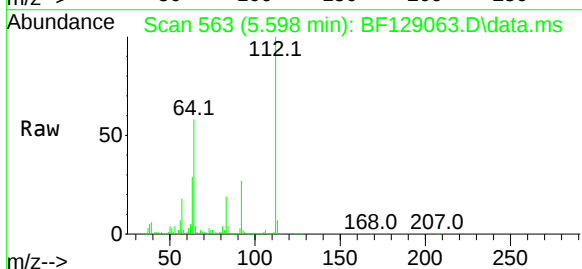
Instrument :
BNA_F
ClientSampleId :
B2208-28

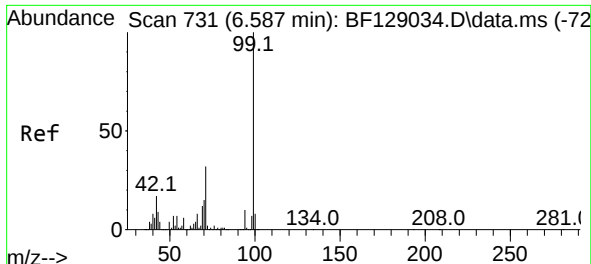
Tgt Ion:152 Resp: 420241
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 58.1 49.9 74.9



#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

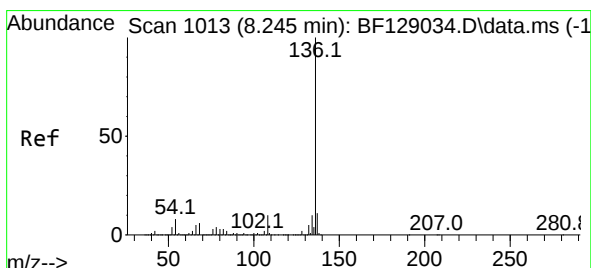
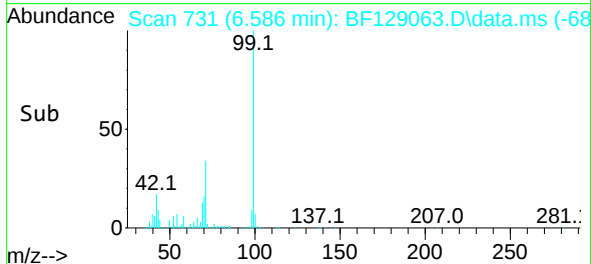
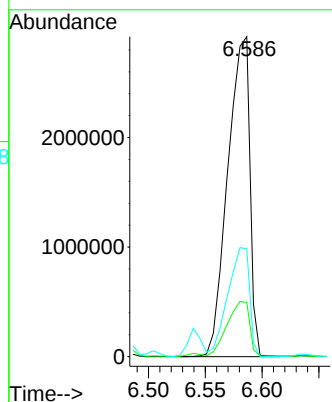
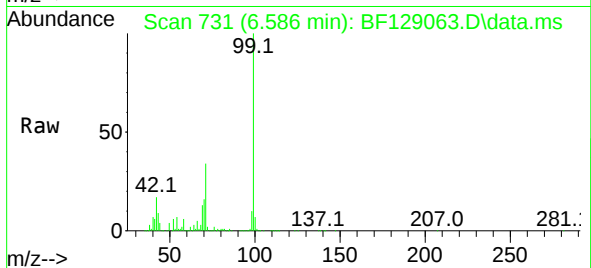




#7
Phenol-d6
Concen: 128.028 ng
RT: 6.586 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

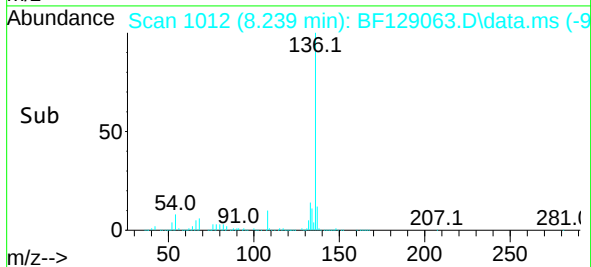
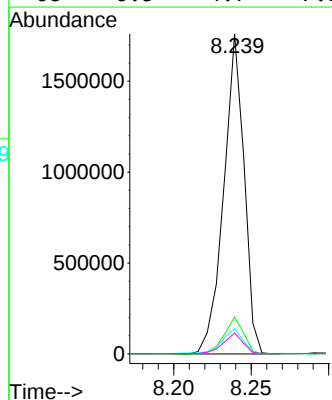
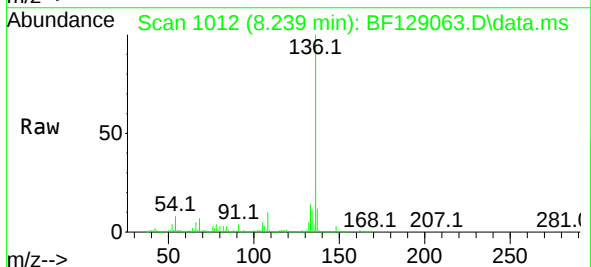
Instrument :
BNA_F
ClientSampleId :
B2208-28

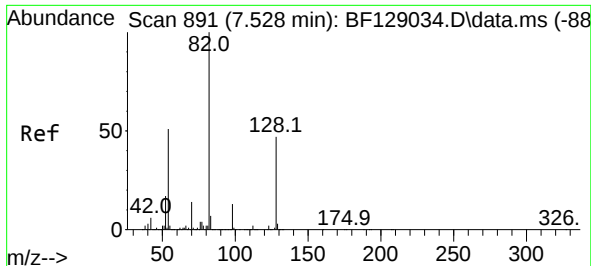
Tgt Ion: 99 Resp: 3952438
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 33.7 28.9 43.3



#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

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





#23

Nitrobenzene-d5

Concen: 93.235 ng

RT: 7.522 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

Instrument :

BNA_F

ClientSampleId :

B2208-28

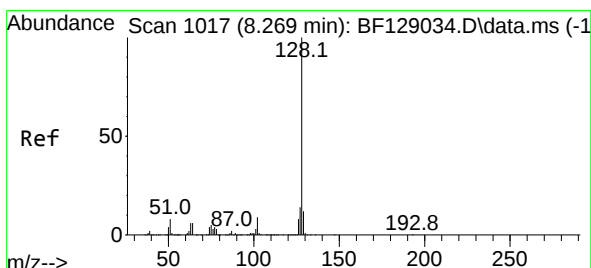
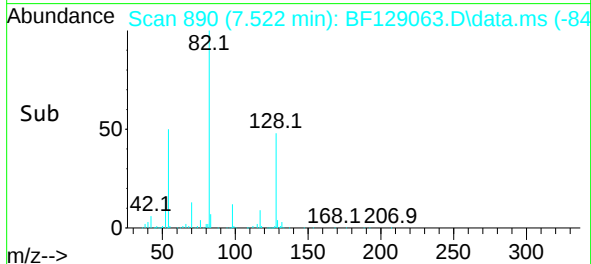
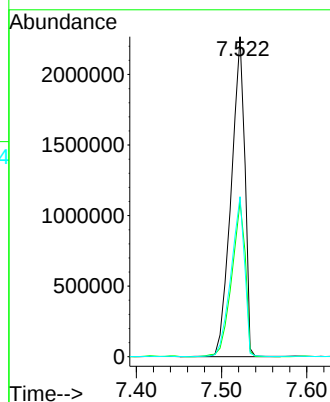
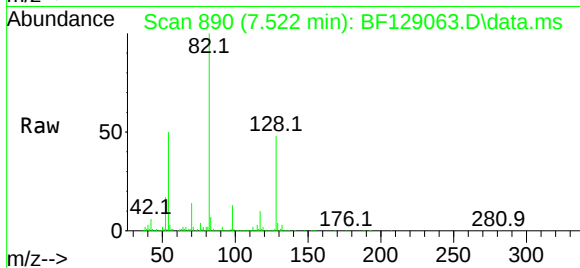
Tgt Ion: 82 Resp: 2518311

Ion Ratio Lower Upper

82 100

128 48.4 34.0 51.0

54 50.0 46.9 70.3



#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

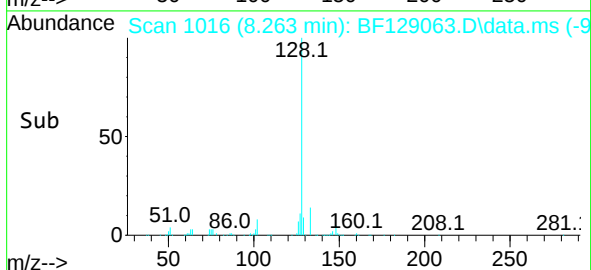
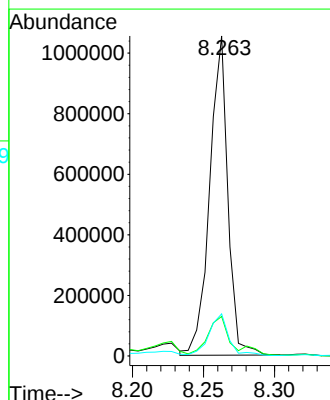
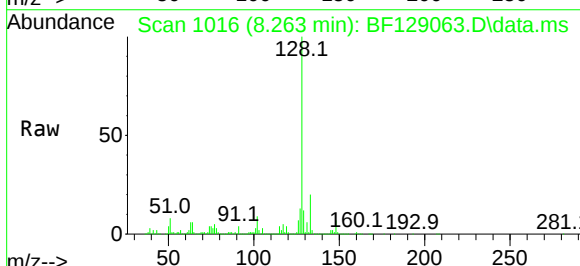
Tgt Ion: 128 Resp: 939847

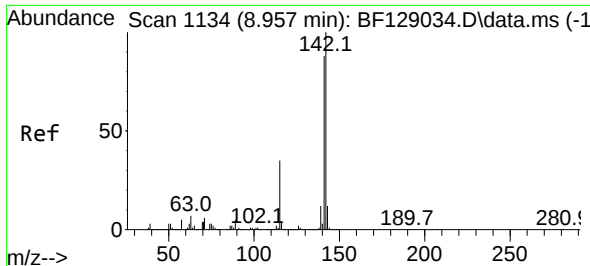
Ion Ratio Lower Upper

128 100

129 12.3 9.2 13.8

127 13.2 10.5 15.7

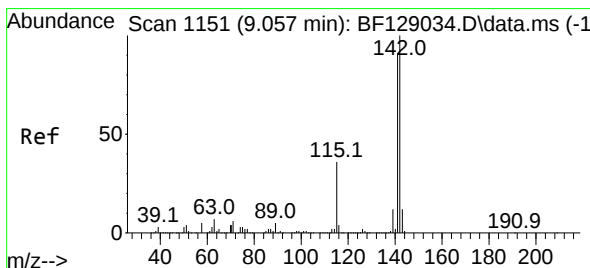
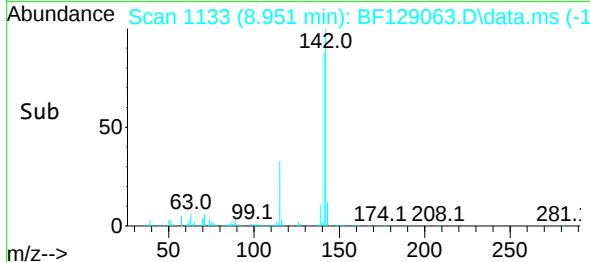
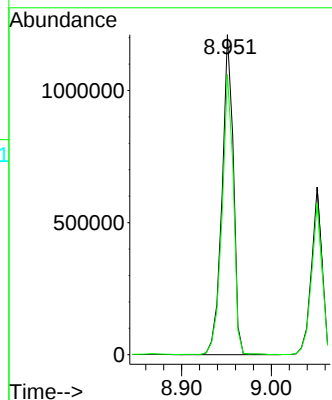
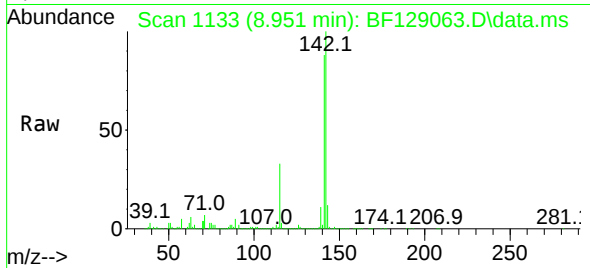




#37
2-Methylnaphthalene
Concen: 21.569 ng
RT: 8.951 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

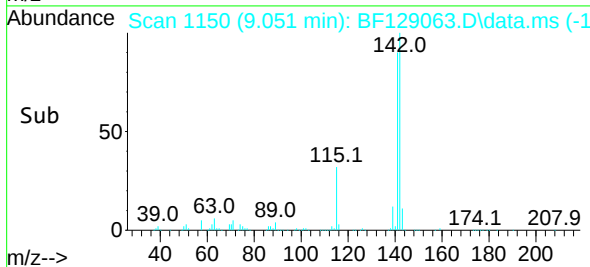
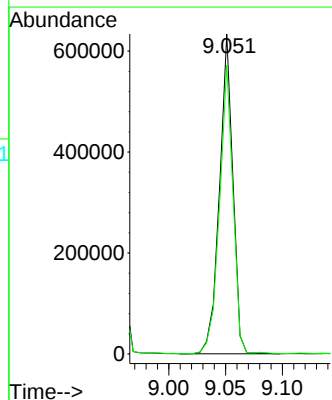
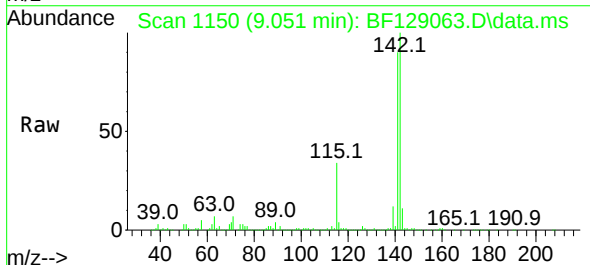
Instrument :
BNA_F
ClientSampleId :
B2208-28

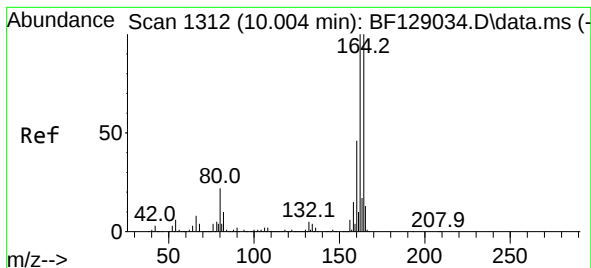
Tgt Ion:142 Resp: 1061481
Ion Ratio Lower Upper
142 100
141 87.6 71.0 106.4



#38
1-Methylnaphthalene
Concen: 10.900 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

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

Instrument :

BNA_F

ClientSampleId :

B2208-28

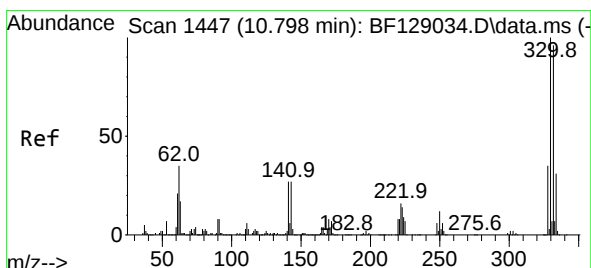
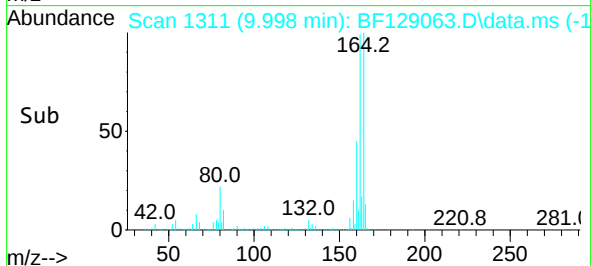
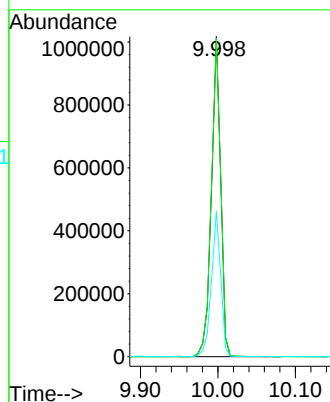
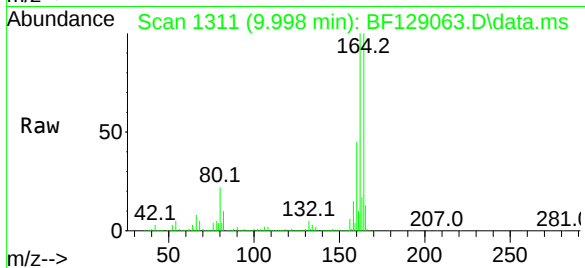
Tgt Ion:164 Resp: 848427

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# 1446

Delta R.T. -0.006 min

Lab File: BF129063.D

Acq: 30 Jun 2022 17:27

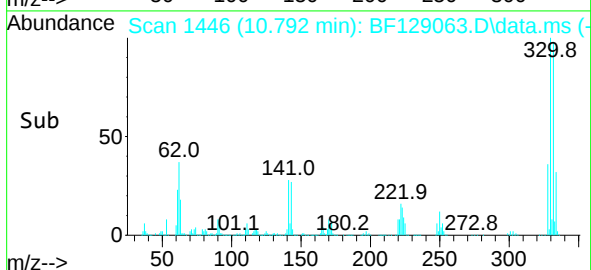
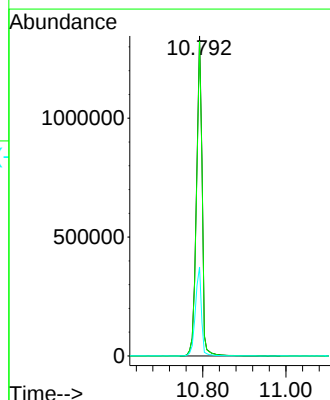
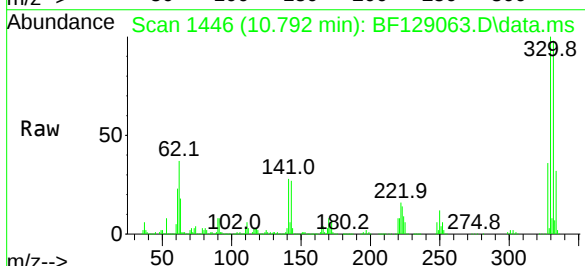
Tgt Ion:330 Resp: 1265915

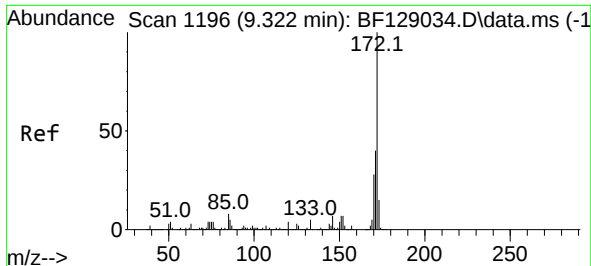
Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

141 29.7 28.0 42.0

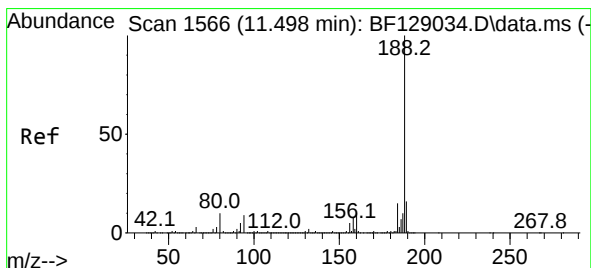
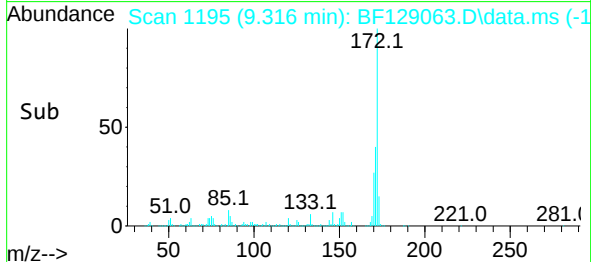
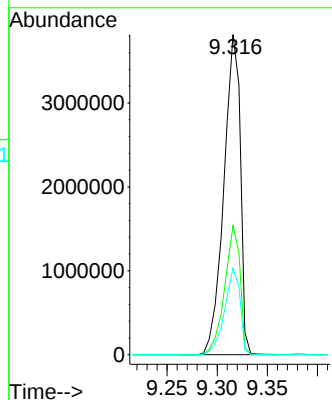
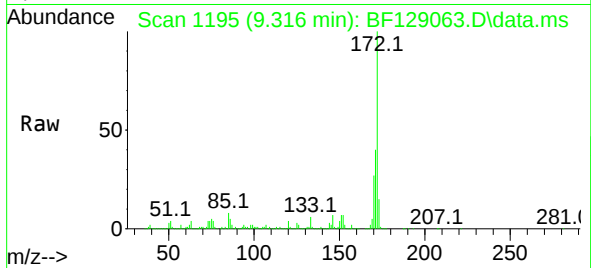




#45
2-Fluorobiphenyl
Concen: 81.962 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

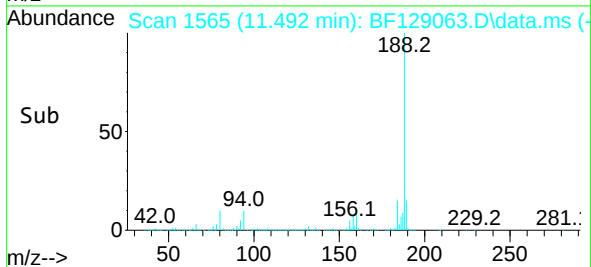
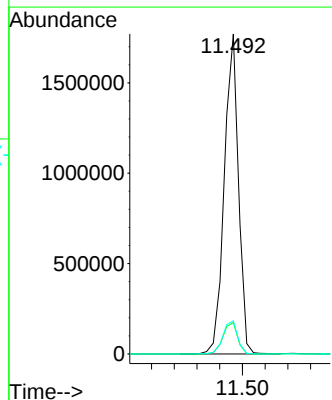
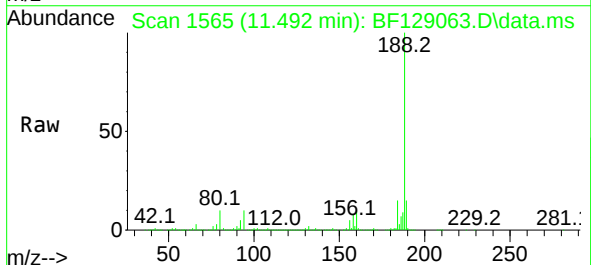
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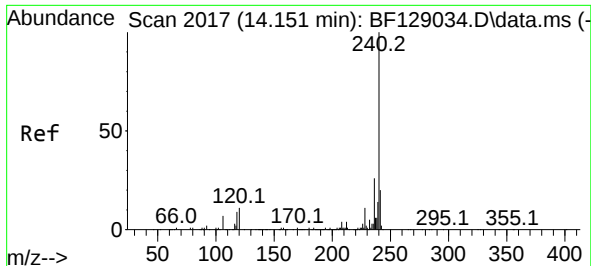
Tgt Ion:172 Resp: 4346750
Ion Ratio Lower Upper
172 100
171 40.4 28.8 43.2
170 27.1 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

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

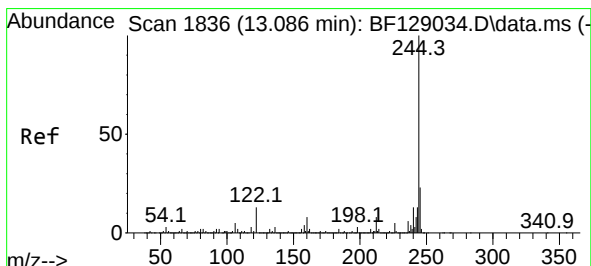
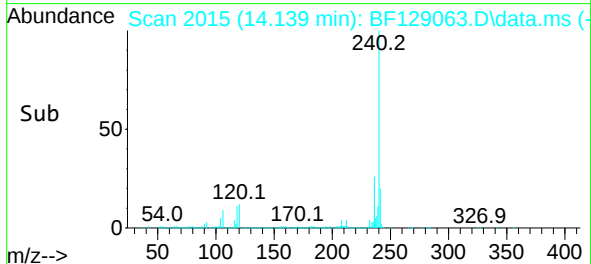
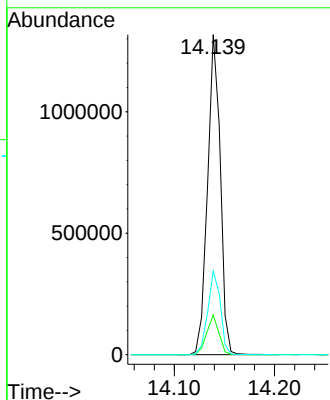
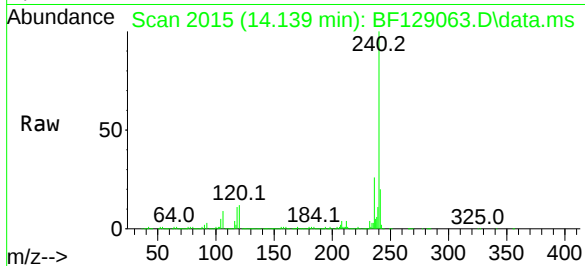




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

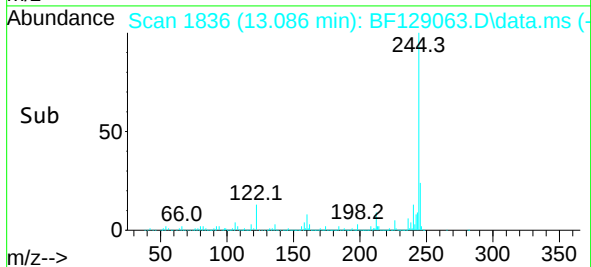
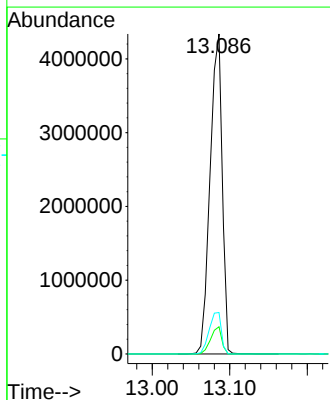
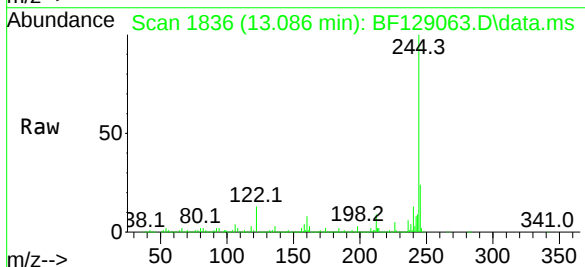
Instrument :
BNA_F
ClientSampleId :
B2208-28

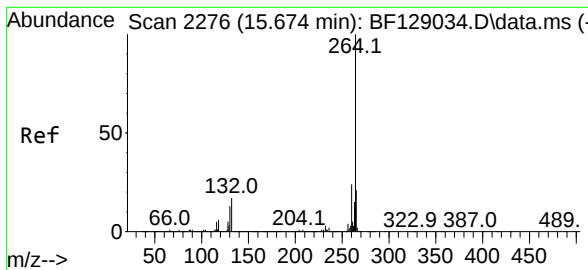
Tgt Ion:240 Resp: 1166564
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 83.773 ng
RT: 13.086 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF129063.D
Acq: 30 Jun 2022 17:27

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# 21
 Delta R.T. -0.012 min
 Lab File: BF129063.D
 Acq: 30 Jun 2022 17:27

Instrument :
 BNA_F
 ClientSampleId :
 B2208-28

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

