

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126963.D
 Acq On : 18 Feb 2022 20:27
 Operator : CG\JU
 Sample : N1600-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C0AA6

Quant Time: Feb 18 23:53:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

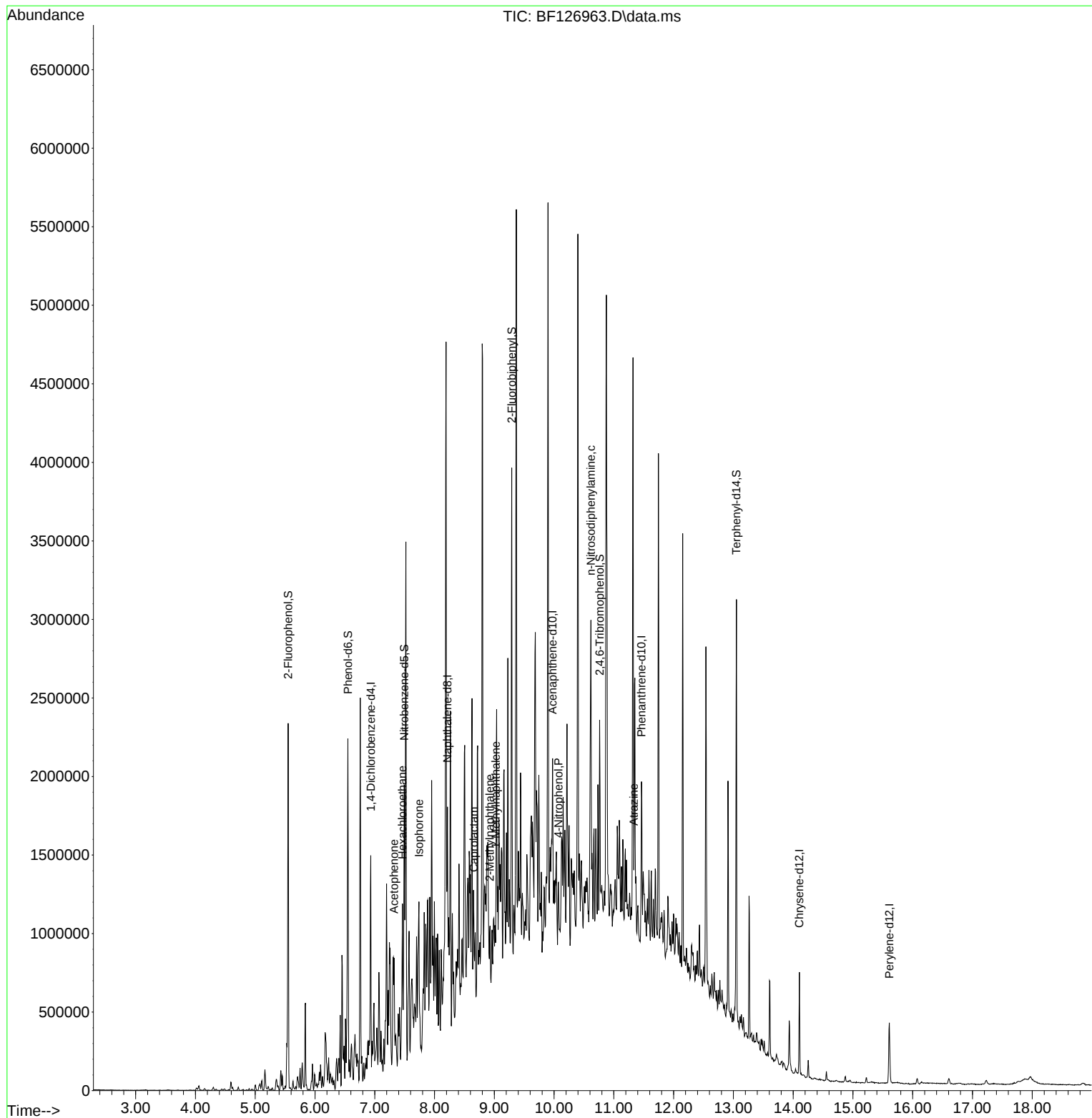
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	95021	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	371501	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	182894	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	310593	20.000	ng	0.00
76) Chrysene-d12	14.104	240	192391	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	157638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	533164	86.722	ng	0.00
7) Phenol-d6	6.551	99	717073	86.439	ng	0.00
23) Nitrobenzene-d5	7.492	82	507778	61.695	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	139549	66.270	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	783298	63.049	ng	0.00
79) Terphenyl-d14	13.051	244	826006	63.114	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.463	117	34606	12.515	ng	# 1
22) Acetophenone	7.322	105	105339	10.769	ng	# 58
25) Isophorone	7.739	82	49997	3.671	ng	# 1
35) Caprolactam	8.657	113	3727	2.087	ng	# 1
37) 2-Methylnaphthalene	8.928	142	49430	3.928	ng	93
38) 1-Methylnaphthalene	9.028	142	41494	3.443	ng	87
56) 4-Nitrophenol	10.075	139	5507	2.293	ng	# 2
66) n-Nitrosodiphenylamine	10.616	169	37532	3.685	ng	# 80
69) Atrazine	11.333	200	7247	2.294	ng	76

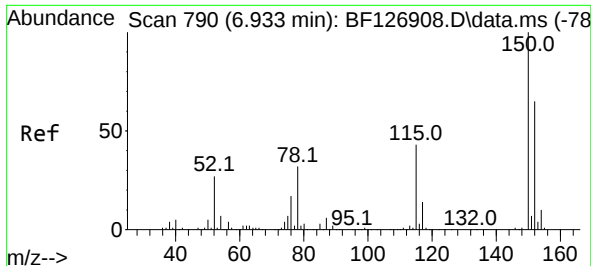
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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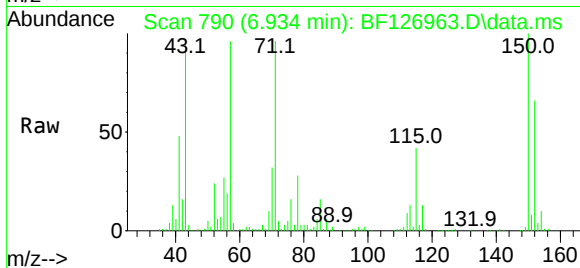
Quant Time: Feb 18 23:53:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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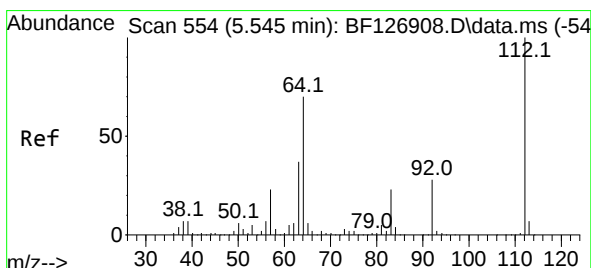
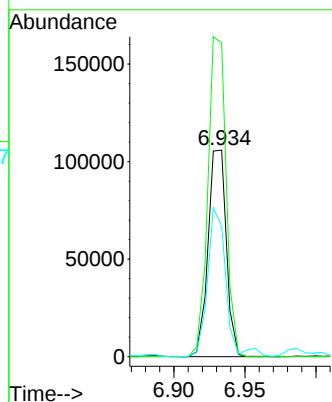
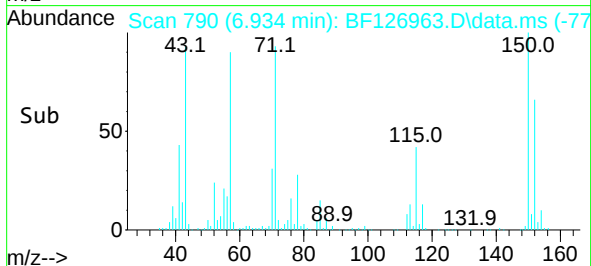


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 790
Delta R.T. 0.001 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

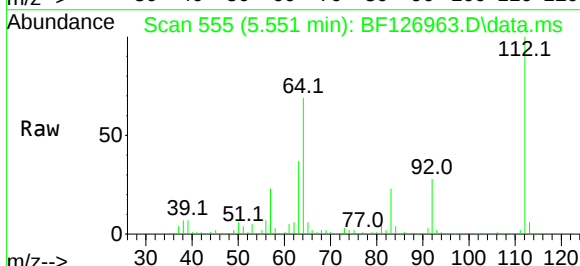
Instrument :
BNA_F
ClientSampleId :
C0AA6



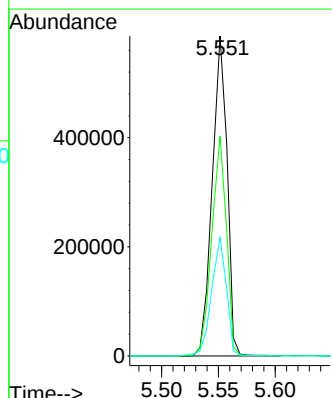
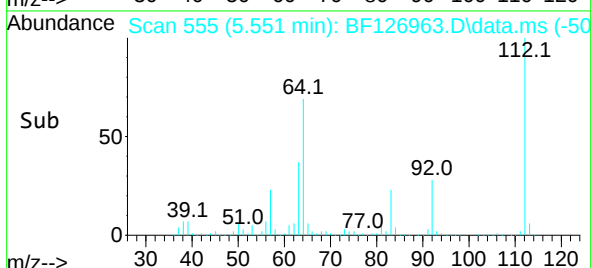
Tgt Ion:152 Resp: 95021
Ion Ratio Lower Upper
152 100
150 151.9 128.1 192.1
115 63.3 56.7 85.1

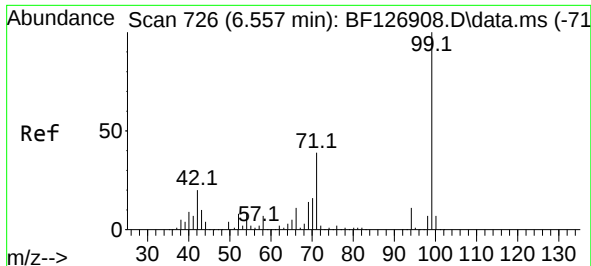


#5
2-Fluorophenol
Concen: 86.722 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27



Tgt Ion:112 Resp: 533164
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 36.9 23.9 35.9#

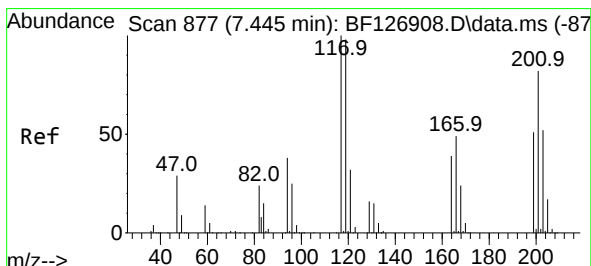
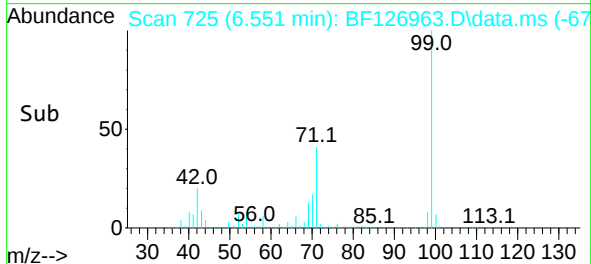
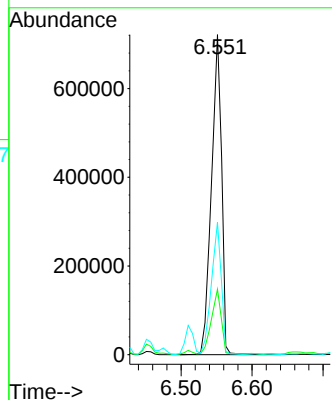
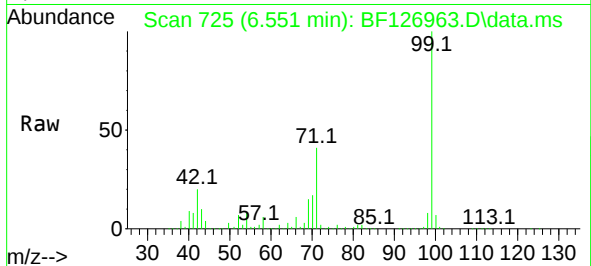




#7
Phenol-d6
Concen: 86.439 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

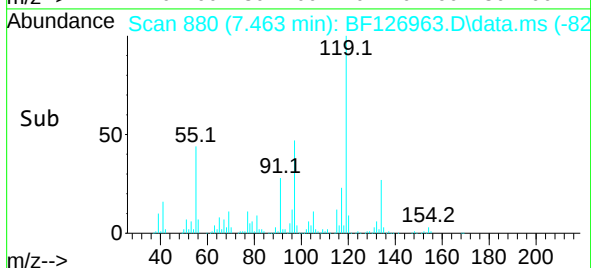
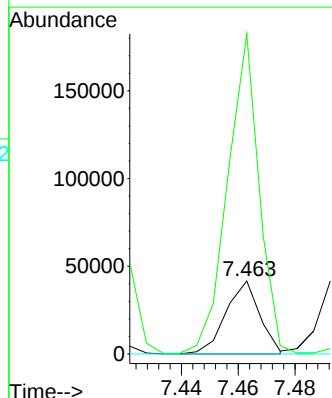
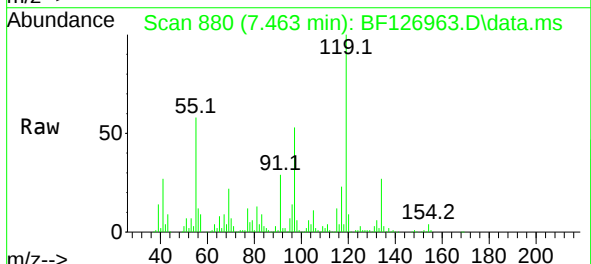
Instrument :
BNA_F
ClientSampleId :
C0AA6

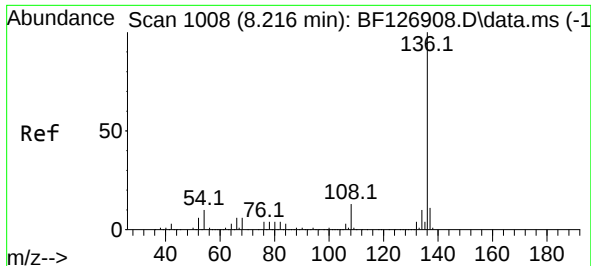
Tgt Ion: 99 Resp: 717073
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 41.4 24.3 36.5#



#18
Hexachloroethane
Concen: 12.515 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.018 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

Tgt Ion: 117 Resp: 34606
Ion Ratio Lower Upper
117 100
119 438.8 75.4 113.0#
201 0.0 56.8 85.2#

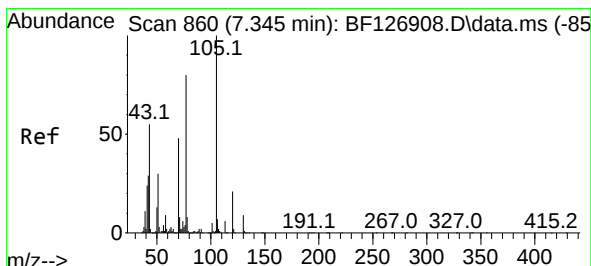
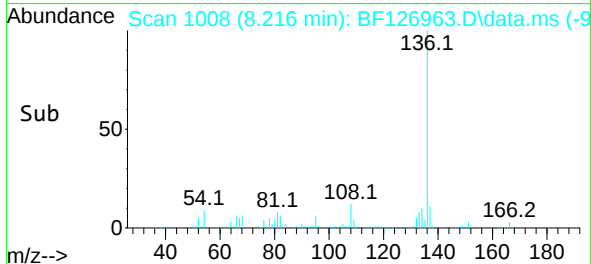
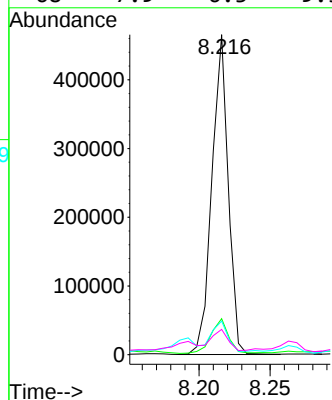
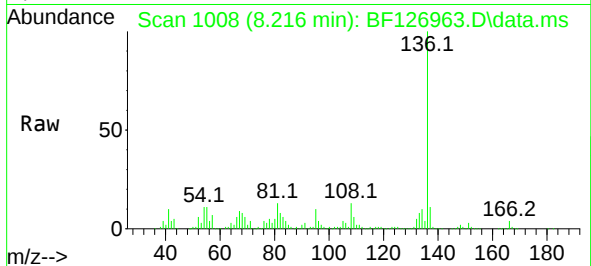




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

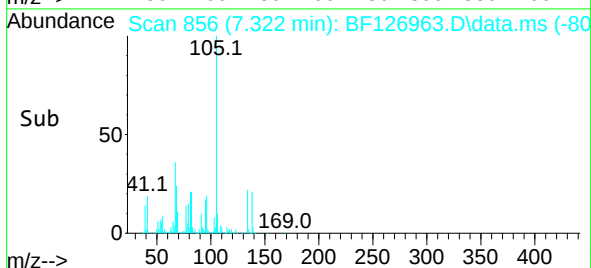
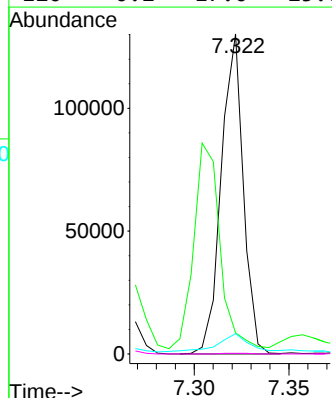
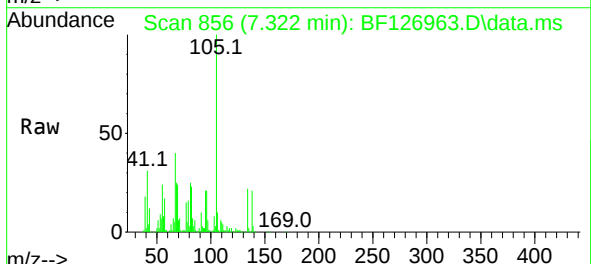
Instrument :
BNA_F
ClientSampleId :
C0AA6

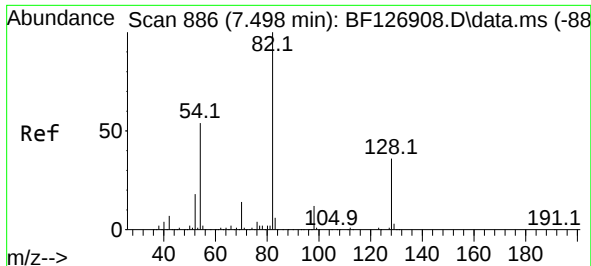
Tgt Ion:136 Resp: 371501
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 10.5 7.8 11.6
68 7.9 6.3 9.5



#22
Acetophenone
Concen: 10.769 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.023 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

Tgt Ion:105 Resp: 105339
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.0
51 6.3 27.4 41.0#
120 0.2 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 61.695 ng

RT: 7.492 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF126963.D

Acq: 18 Feb 2022 20:27

Instrument :

BNA_F

ClientSampleId :

C0AA6

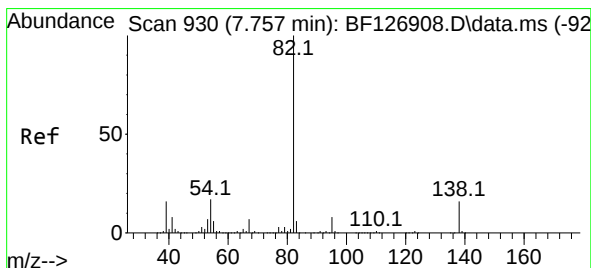
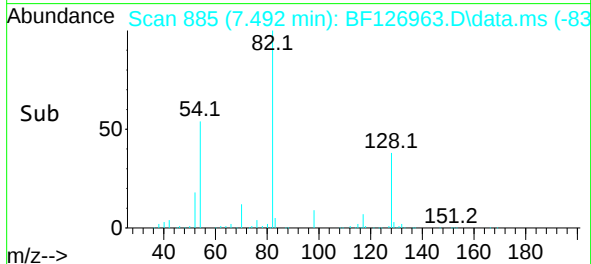
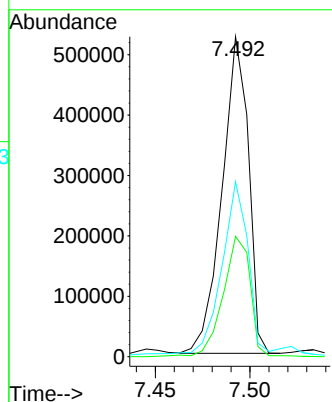
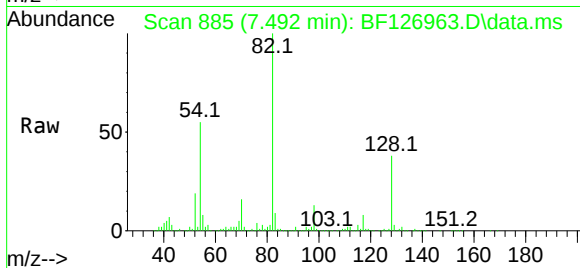
Tgt Ion: 82 Resp: 507778

Ion Ratio Lower Upper

82 100

128 37.6 32.7 49.1

54 54.7 41.7 62.5



#25

Isophorone

Concen: 3.671 ng

RT: 7.739 min Scan# 927

Delta R.T. -0.018 min

Lab File: BF126963.D

Acq: 18 Feb 2022 20:27

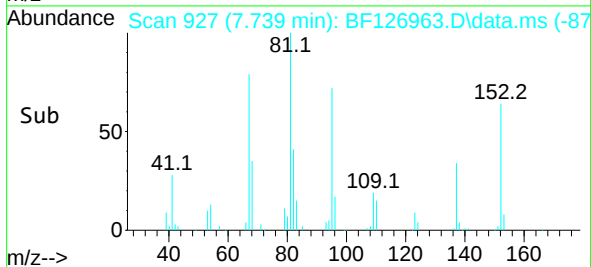
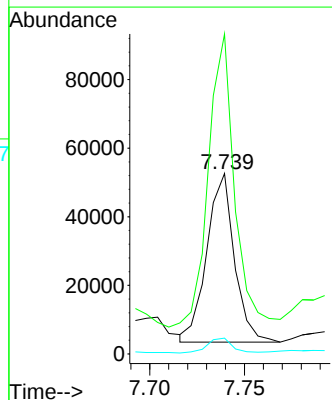
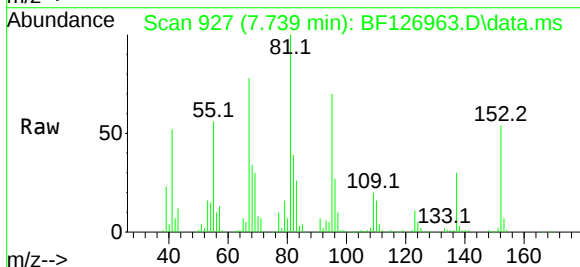
Tgt Ion: 82 Resp: 49997

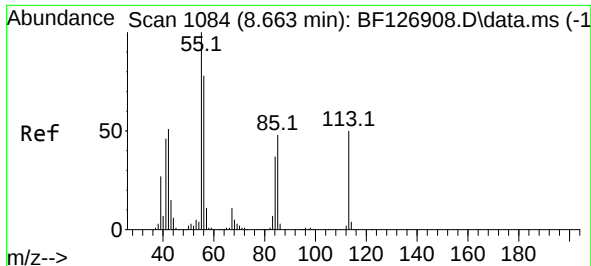
Ion Ratio Lower Upper

82 100

95 177.3 5.0 7.4#

138 8.8 12.3 18.5#

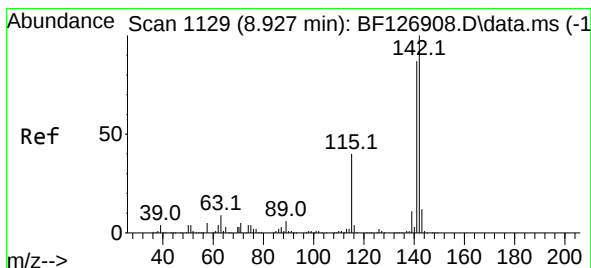
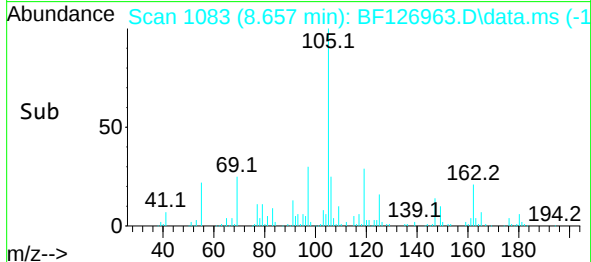
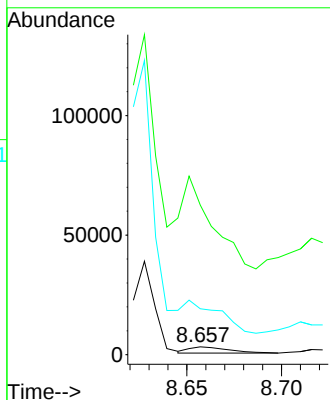
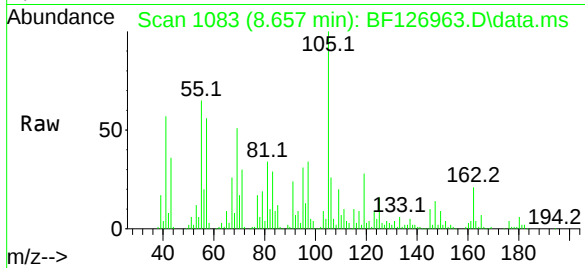




#35
 Caprolactam
 Concen: 2.087 ng
 RT: 8.657 min Scan# 1083
 Delta R.T. -0.006 min
 Lab File: BF126963.D
 Acq: 18 Feb 2022 20:27

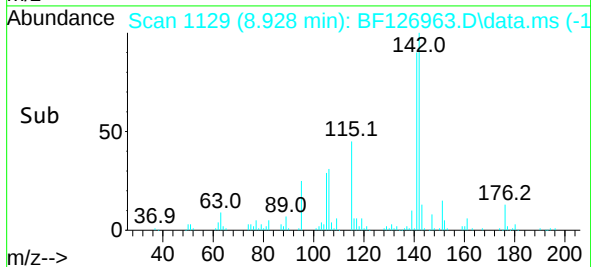
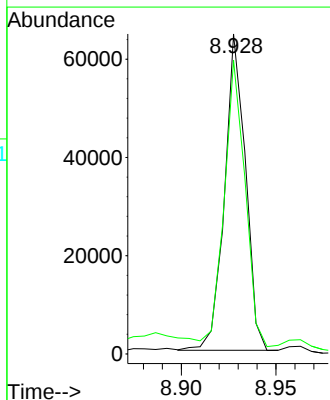
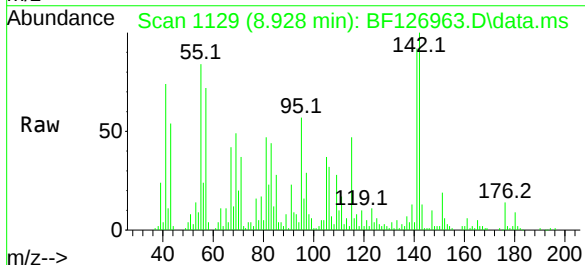
Instrument :
 BNA_F
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 C0AA6

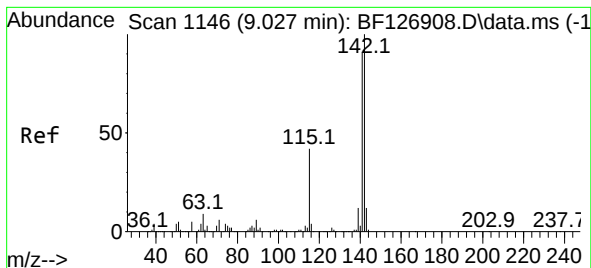
Tgt Ion:113 Resp: 3727
 Ion Ratio Lower Upper
 113 100
 55 1900.6 183.9 223.9#
 56 583.0 129.9 169.9#



#37
 2-Methylnaphthalene
 Concen: 3.928 ng
 RT: 8.928 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: BF126963.D
 Acq: 18 Feb 2022 20:27

Tgt Ion:142 Resp: 49430
 Ion Ratio Lower Upper
 142 100
 141 91.9 68.6 102.8





#38

1-Methylnaphthalene

Concen: 3.443 ng

RT: 9.028 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF126963.D

Acq: 18 Feb 2022 20:27

Instrument :

BNA_F

ClientSampleId :

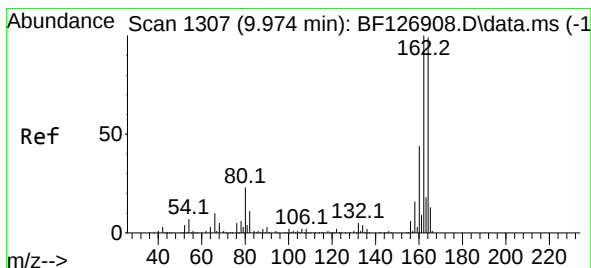
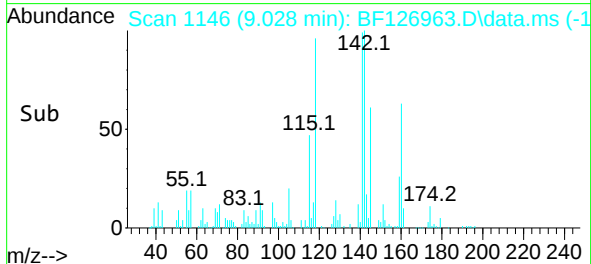
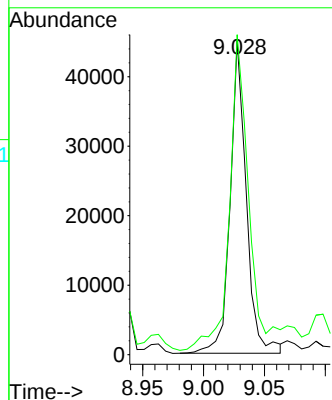
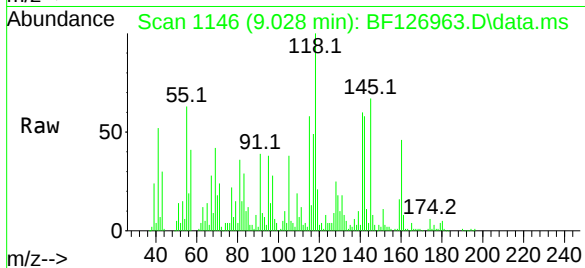
C0AA6

Tgt Ion:142 Resp: 41494

Ion Ratio Lower Upper

142 100

141 102.1 72.1 108.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF126963.D

Acq: 18 Feb 2022 20:27

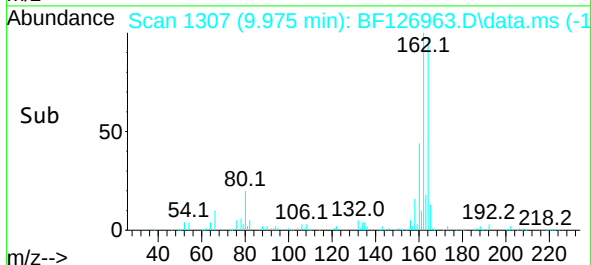
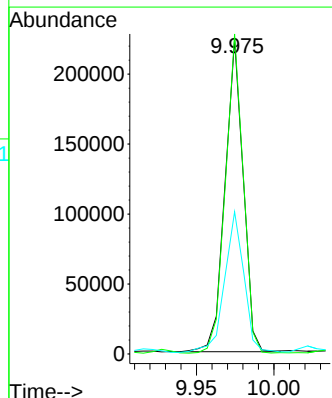
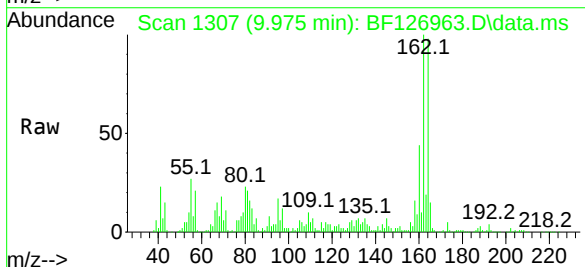
Tgt Ion:164 Resp: 182894

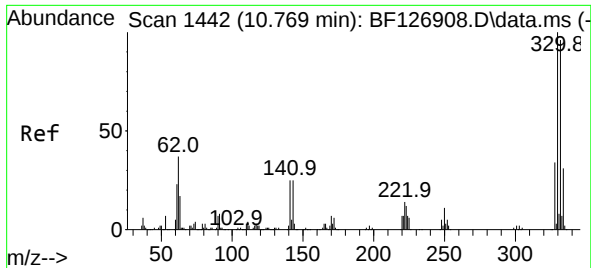
Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.0

160 45.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 66.270 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF126963.D

Acq: 18 Feb 2022 20:27

Instrument :

BNA_F

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C0AA6

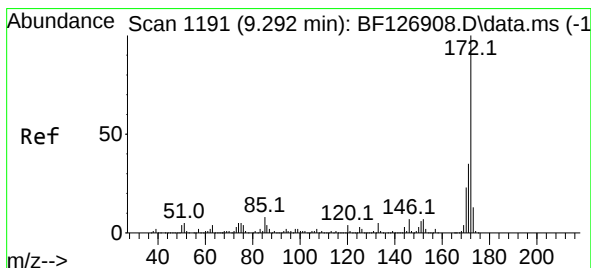
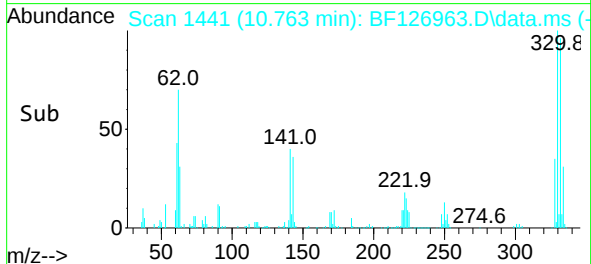
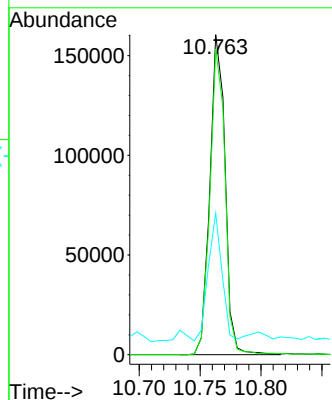
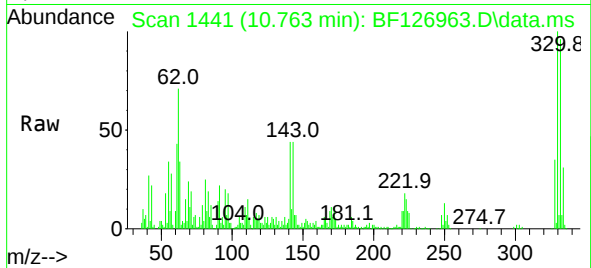
Tgt Ion:330 Resp: 139549

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 35.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 63.049 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126963.D

Acq: 18 Feb 2022 20:27

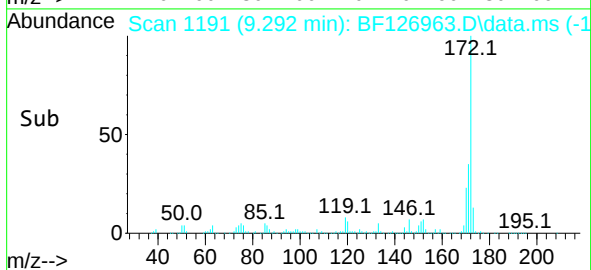
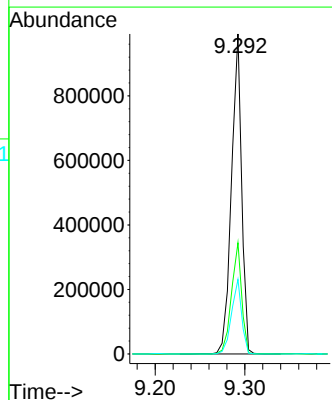
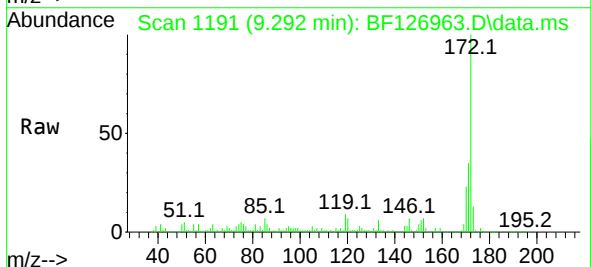
Tgt Ion:172 Resp: 783298

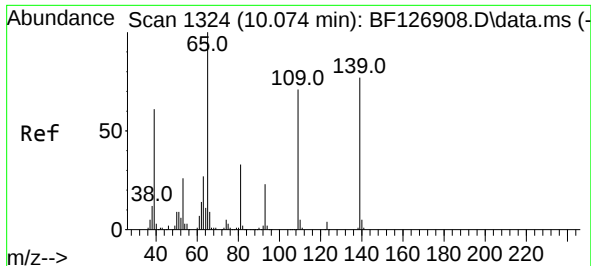
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.0 28.6

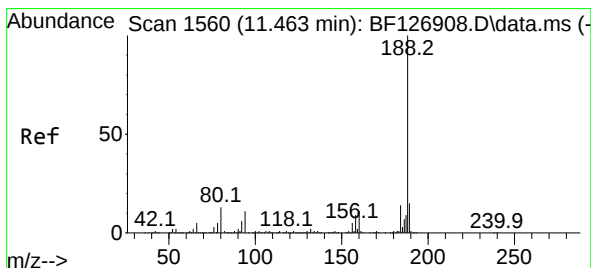
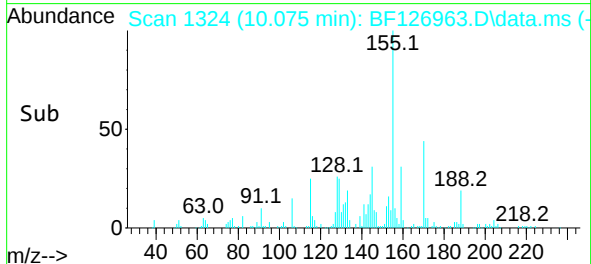
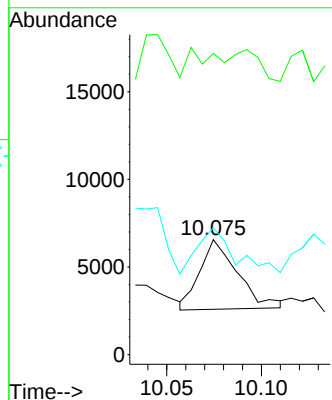
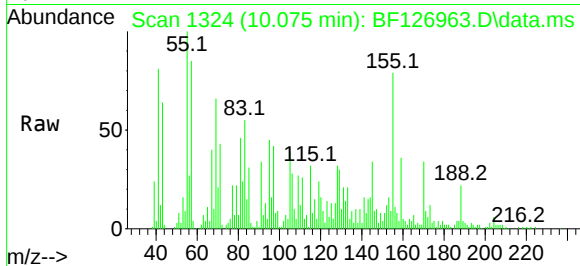




#56
4-Nitrophenol
Concen: 2.293 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

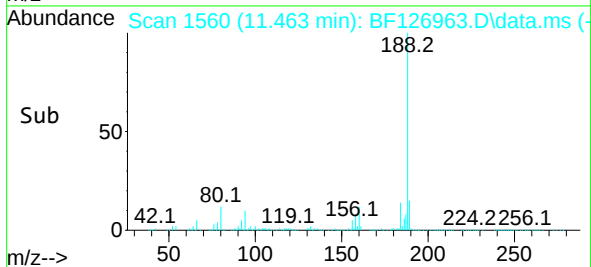
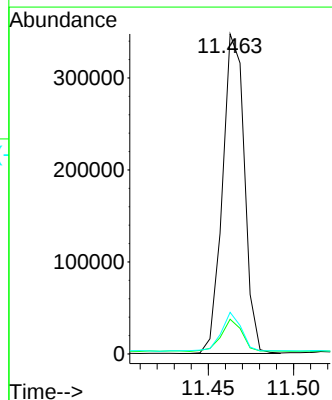
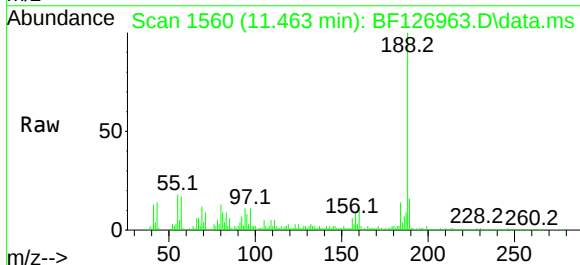
Instrument :
BNA_F
ClientSampleId :
C0AA6

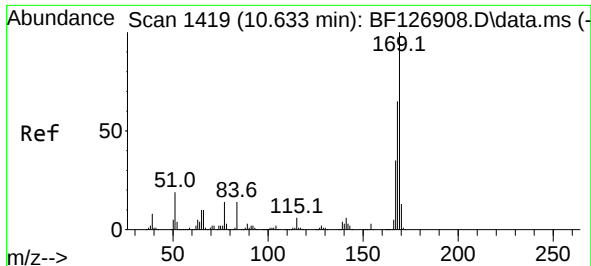
Tgt Ion:139 Resp: 5507
Ion Ratio Lower Upper
139 100
109 261.8 44.1 84.1#
65 110.2 85.5 125.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

Tgt Ion:188 Resp: 310593
Ion Ratio Lower Upper
188 100
94 10.8 10.1 15.1
80 13.0 11.8 17.6

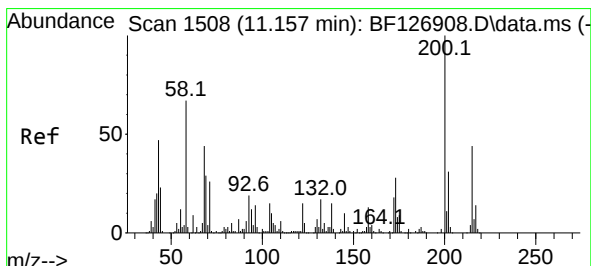
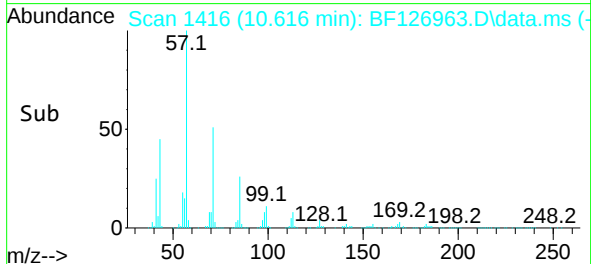
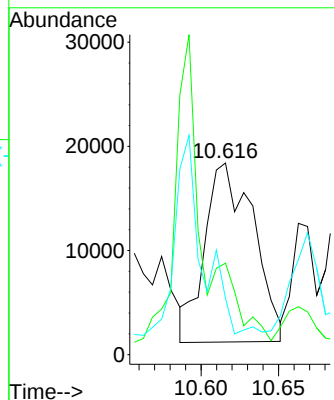
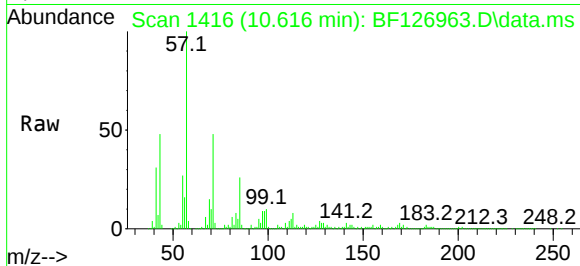




#66
n-Nitrosodiphenylamine
Concen: 3.685 ng
RT: 10.616 min Scan# 1419
Delta R.T. -0.018 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

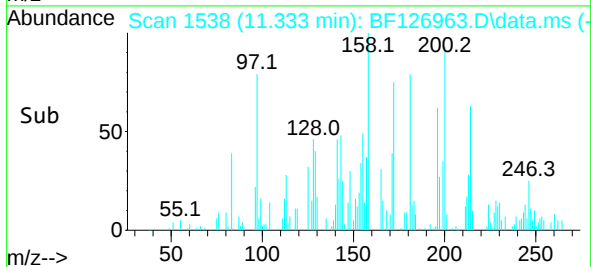
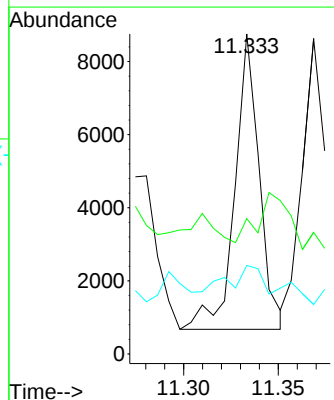
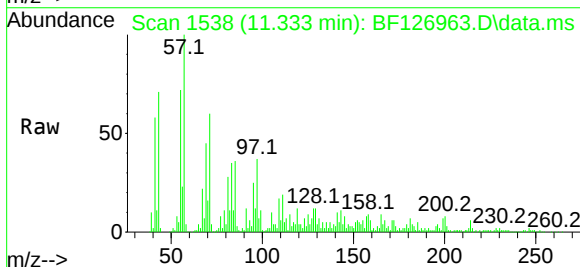
Instrument :
BNA_F
ClientSampleId :
C0AA6

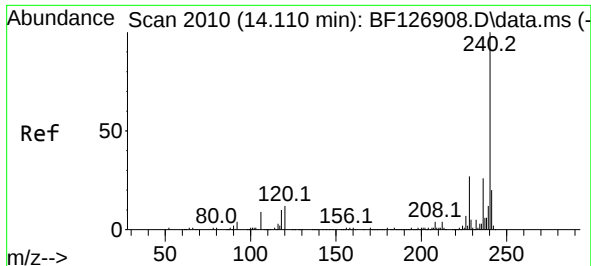
Tgt Ion:169 Resp: 37532
Ion Ratio Lower Upper
169 100
168 47.7 53.4 80.0#
167 29.4 29.4 44.0#



#69
Atrazine
Concen: 2.294 ng
RT: 11.333 min Scan# 1538
Delta R.T. 0.177 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

Tgt Ion:200 Resp: 7247
Ion Ratio Lower Upper
200 100
173 42.3 9.2 49.2
215 27.6 23.2 63.2

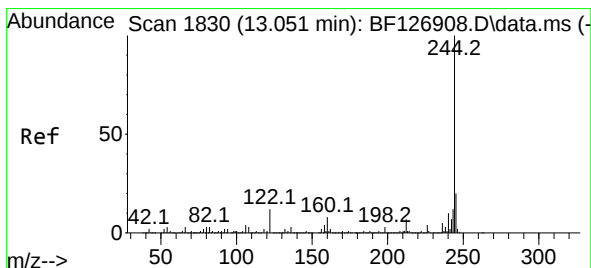
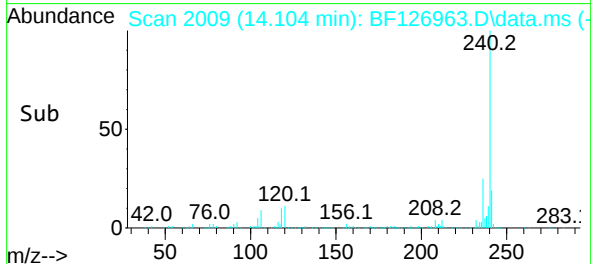
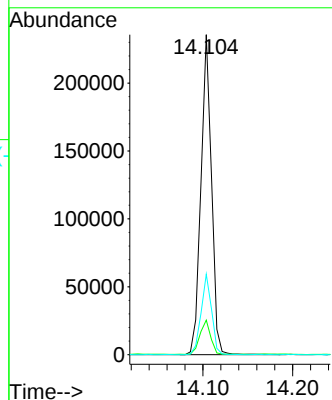
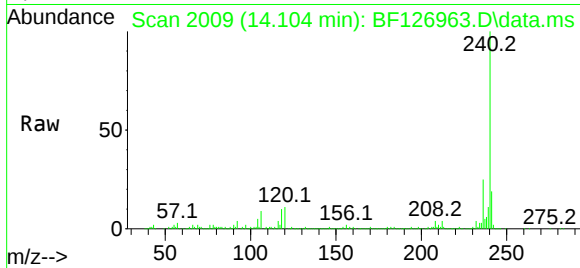




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

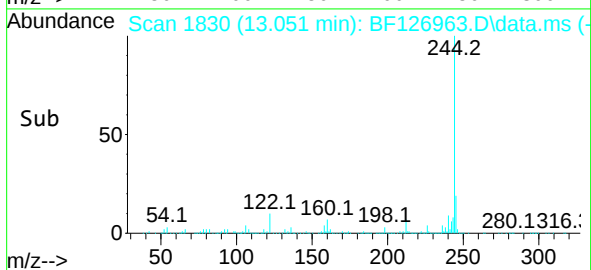
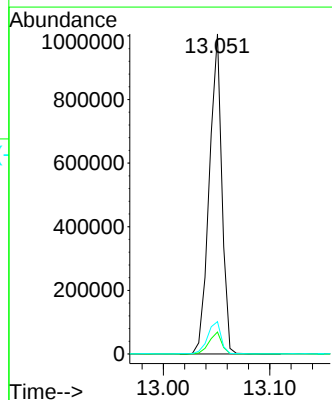
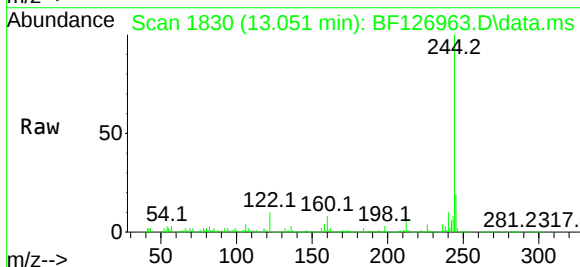
Instrument :
BNA_F
ClientSampleId :
C0AA6

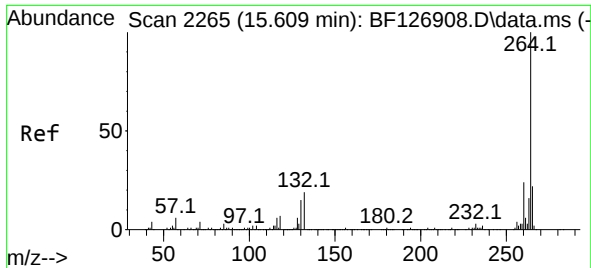
Tgt Ion:240 Resp: 192391
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 63.114 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

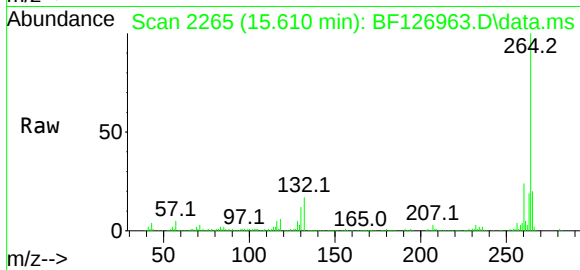
Tgt Ion:244 Resp: 826006
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126963.D
Acq: 18 Feb 2022 20:27

Instrument :
BNA_F
ClientSampleId :
C0AA6



Tgt Ion:264 Resp: 157638

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	19.9	17.4	26.2

