

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125596.D
 Acq On : 23 Sep 2021 17:28
 Operator : JU/CG
 Sample : M3730-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRICKS

Quant Time: Sep 23 17:51:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

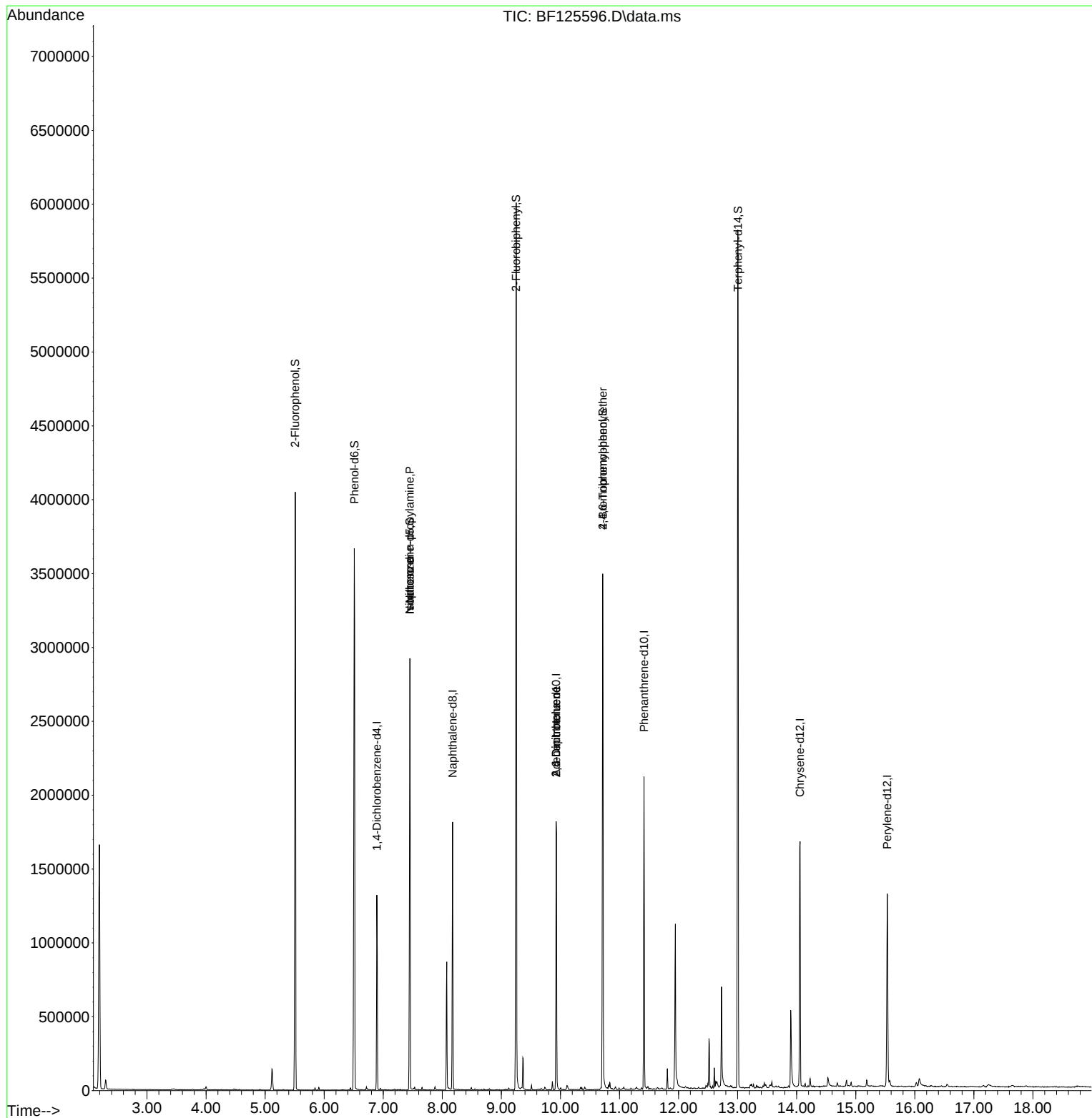
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	191931	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	773056	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	405866	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	717091	20.000	ng	0.00
76) Chrysene-d12	14.057	240	589596	20.000	ng	0.00
86) Perylene-d12	15.533	264	575289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1300464	107.148	ng	0.00
7) Phenol-d6	6.510	99	1589652	101.584	ng	-0.01
23) Nitrobenzene-d5	7.451	82	953408	78.662	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	476992	119.988	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1959812	87.788	ng	-0.01
79) Terphenyl-d14	13.004	244	2121305	58.099	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	2327	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	118529	12.655	ng	# 51
25) Isophorone	7.451	82	948761	36.375	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	51216	9.216	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	51216	7.690	ng	# 19
67) 4-Bromophenyl-phenylether	10.716	248	26453	3.228	ng	# 1

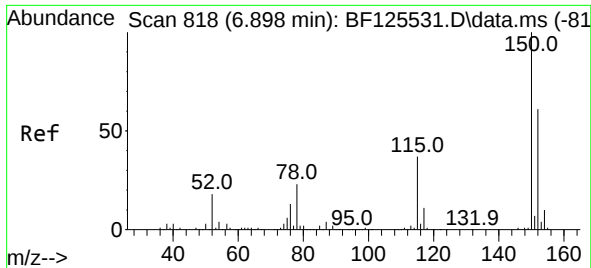
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125596.D
Acq On : 23 Sep 2021 17:28
Operator : JU/CG
Sample : M3730-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRICKS

Quant Time: Sep 23 17:51:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

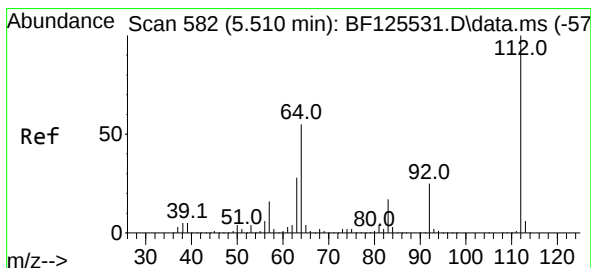
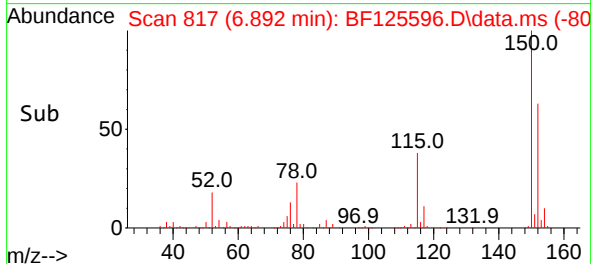
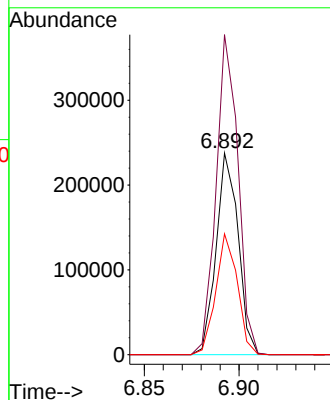
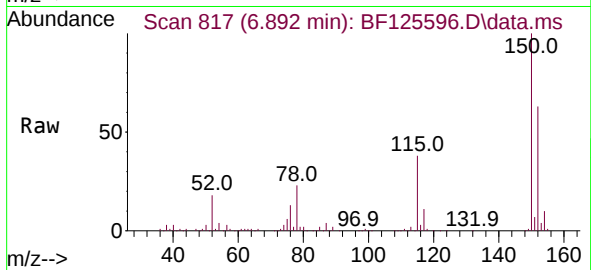




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

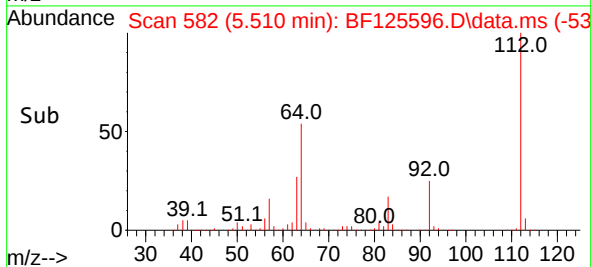
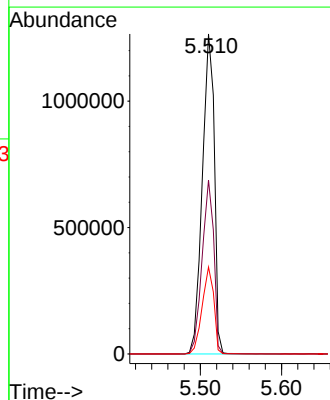
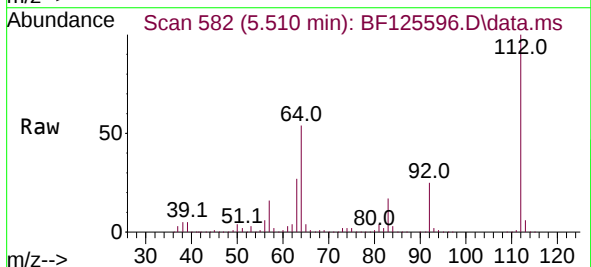
Instrument :
BNA_F
ClientSampleId :
BRICKS

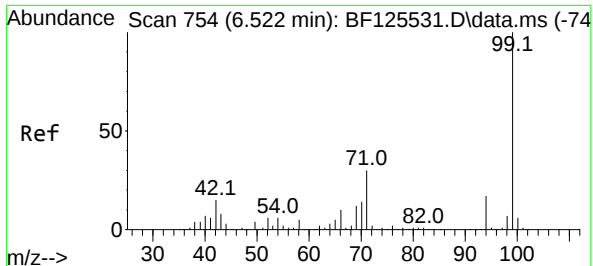
Tgt Ion:152 Resp: 191931
Ion Ratio Lower Upper
152 100
150 158.7 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 107.148 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

Tgt Ion:112 Resp: 1300464
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 27.1 26.2 39.2

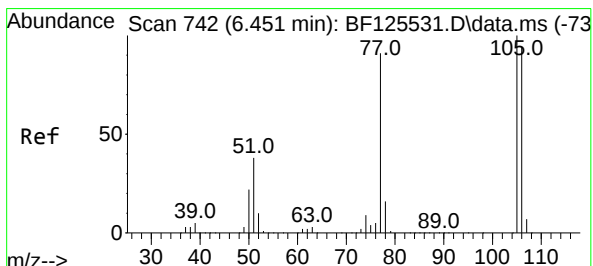
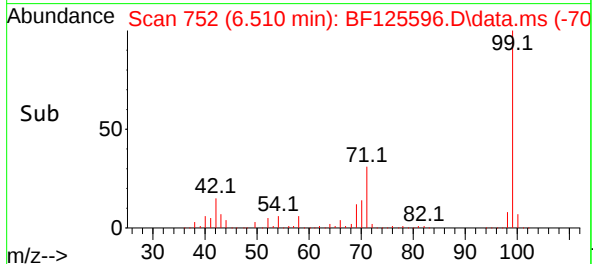
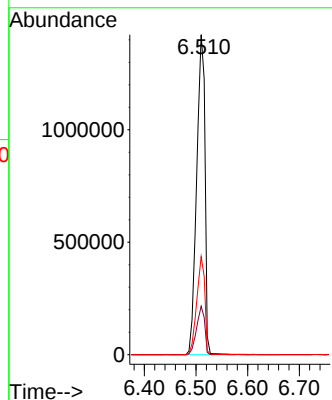
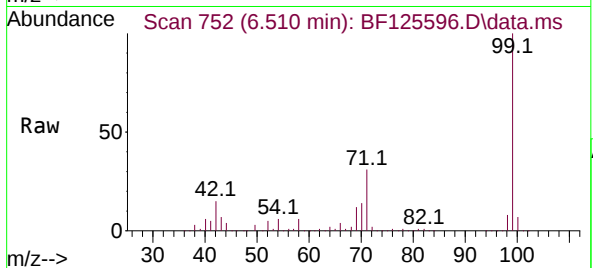




#7
Phenol-d6
Concen: 101.584 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

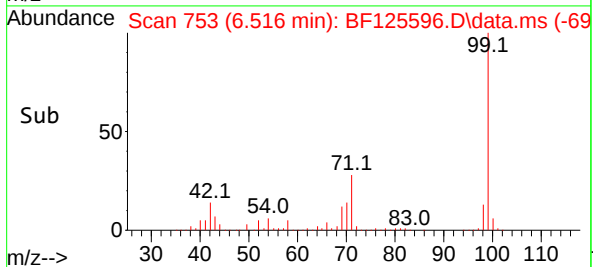
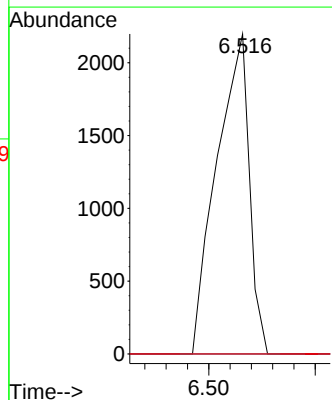
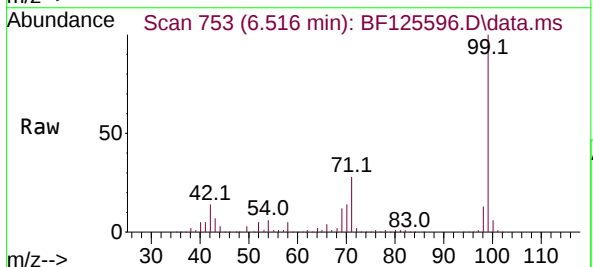
Instrument :
BNA_F
ClientSampled :
BRICKS

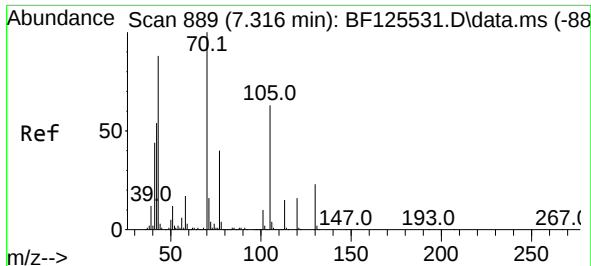
Tgt Ion: 99 Resp: 1589652
Ion Ratio Lower Upper
99 100
42 15.1 23.5 35.3#
71 30.7 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

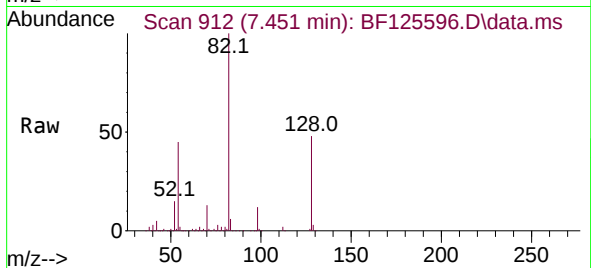
Tgt Ion: 77 Resp: 2327
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



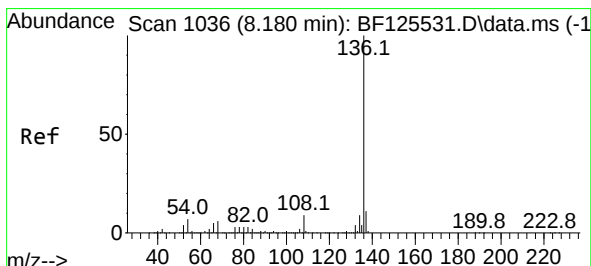
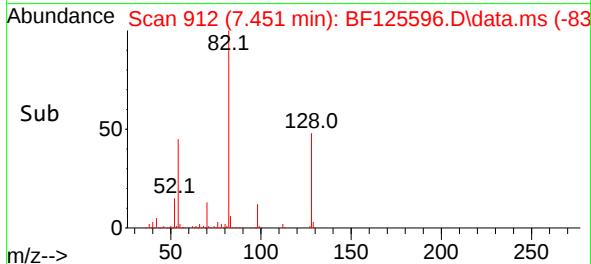
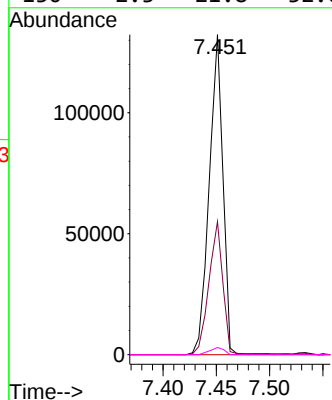


#19
n-Nitroso-di-n-propylamine
Concen: 12.655 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

Instrument :
BNA_F
ClientSampled :
BRICKS

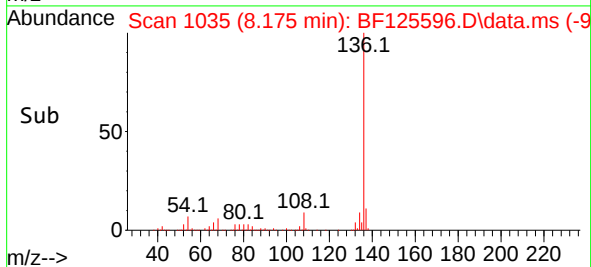
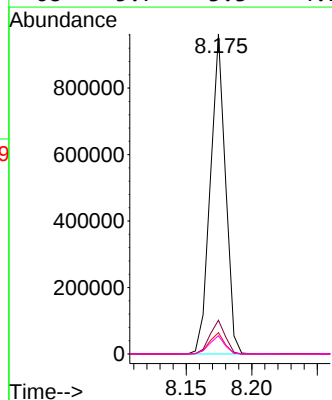
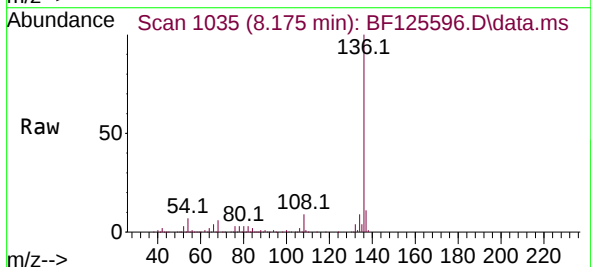


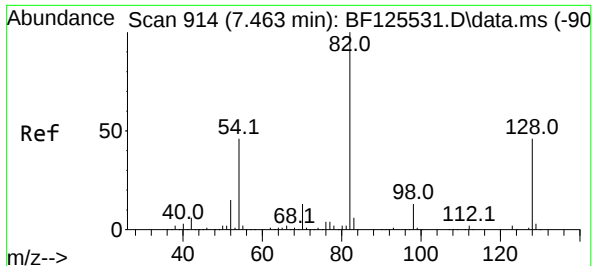
Tgt Ion: 70 Resp: 118529
Ion Ratio Lower Upper
70 100
42 41.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

Tgt Ion: 136 Resp: 773056
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.7 6.4 9.6
68 5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 78.662 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125596.D

Acq: 23 Sep 2021 17:28

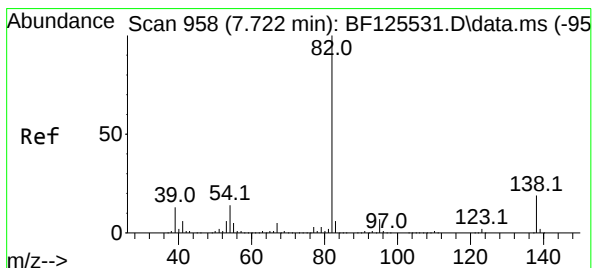
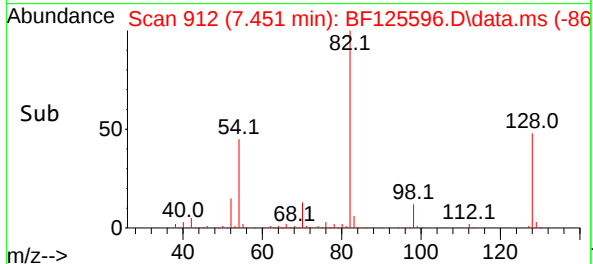
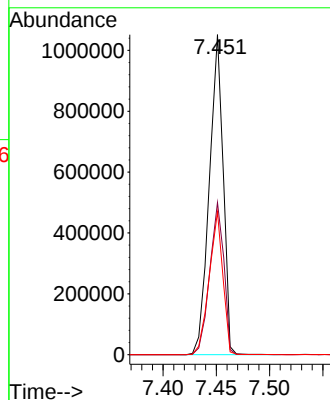
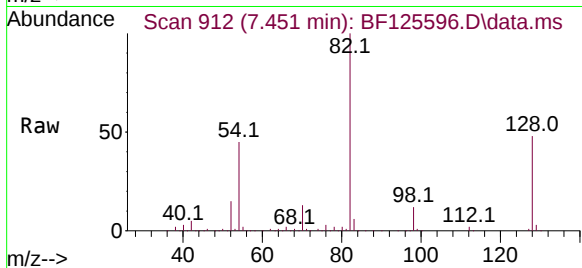
Tgt Ion: 82 Resp: 953408

Ion Ratio Lower Upper

82 100

128 47.6 40.6 60.8

54 44.7 49.6 74.4#



#25

Isophorone

Concen: 36.375 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.271 min

Lab File: BF125596.D

Acq: 23 Sep 2021 17:28

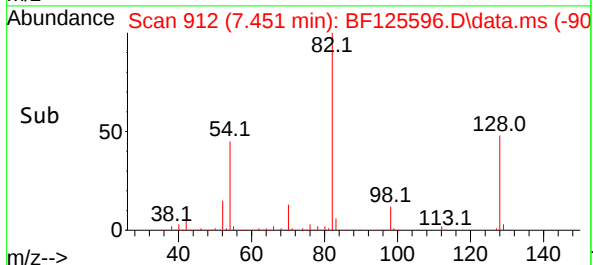
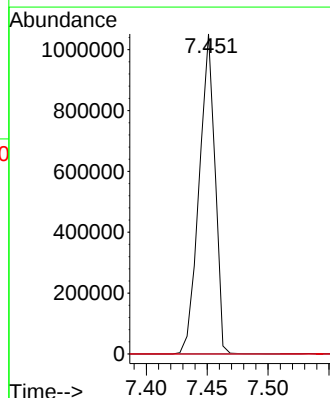
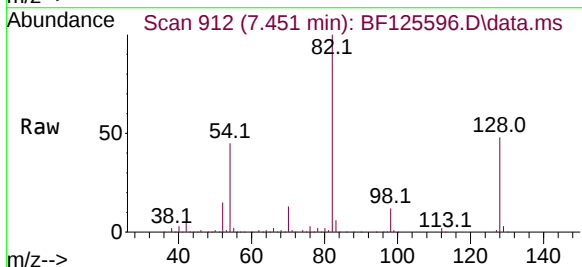
Tgt Ion: 82 Resp: 948761

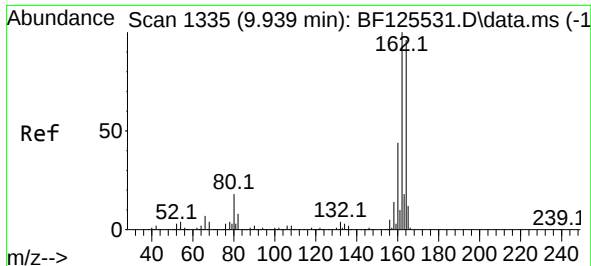
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF125596.D

Acq: 23 Sep 2021 17:28

Instrument :

BNA_F

ClientSampleId :

BRICKS

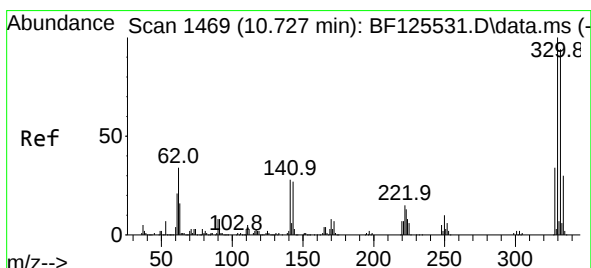
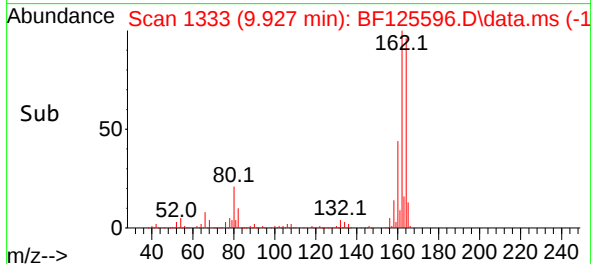
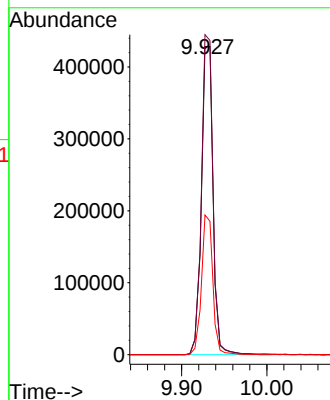
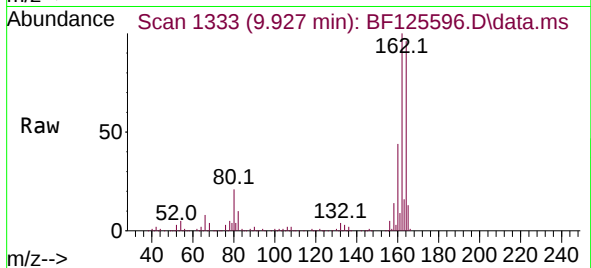
Tgt Ion:164 Resp: 405866

Ion Ratio Lower Upper

164 100

162 103.9 81.3 121.9

160 45.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 119.988 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.012 min

Lab File: BF125596.D

Acq: 23 Sep 2021 17:28

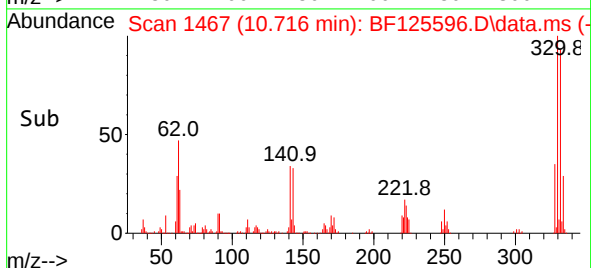
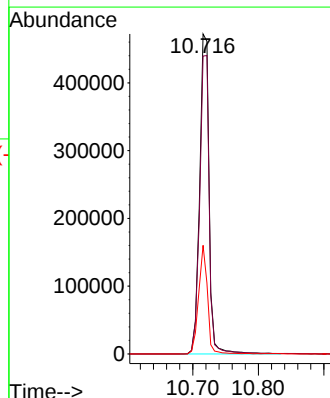
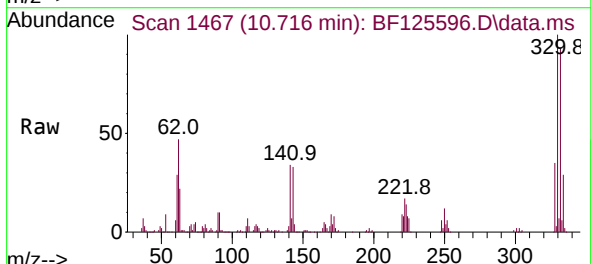
Tgt Ion:330 Resp: 476992

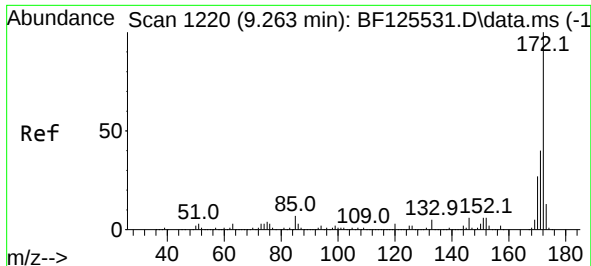
Ion Ratio Lower Upper

330 100

332 94.0 76.2 114.4

141 31.7 44.6 66.8#

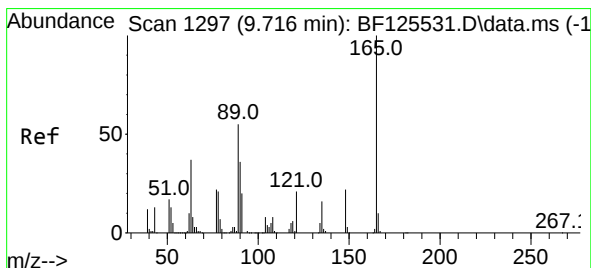
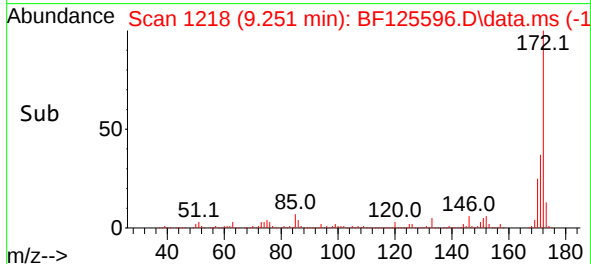
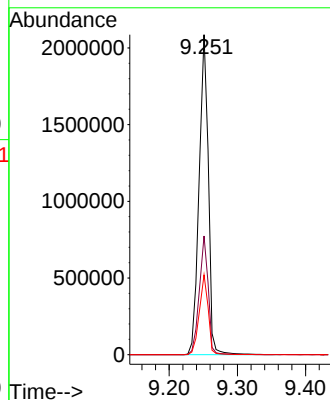
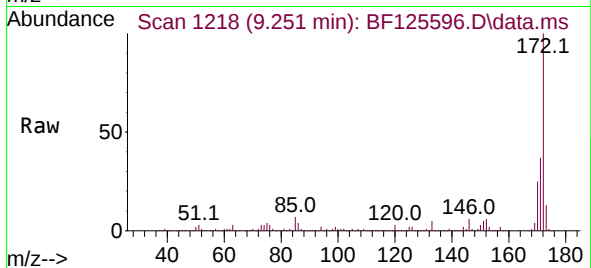




#45
2-Fluorobiphenyl
Concen: 87.788 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

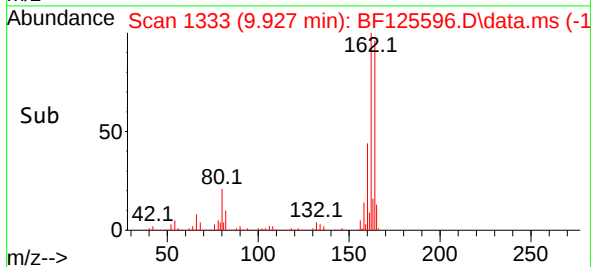
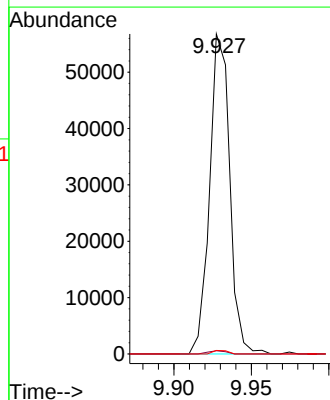
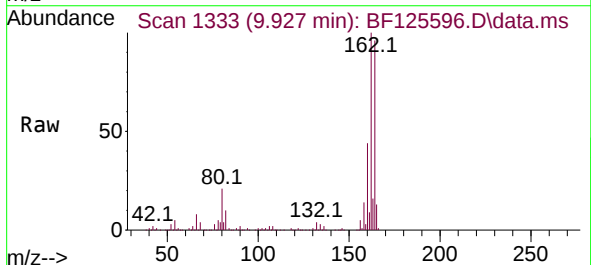
Instrument :
BNA_F
ClientSampleId :
BRICKS

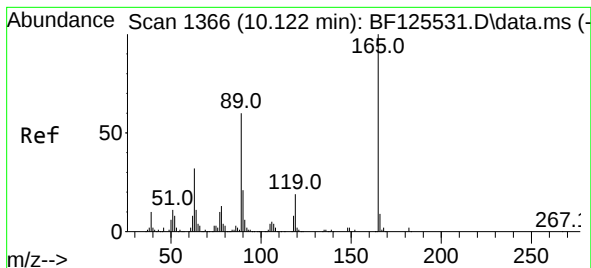
Tgt Ion:172 Resp: 1959812
Ion Ratio Lower Upper
172 100
171 37.1 26.5 39.7
170 25.0 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.216 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

Tgt Ion:165 Resp: 51216
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#

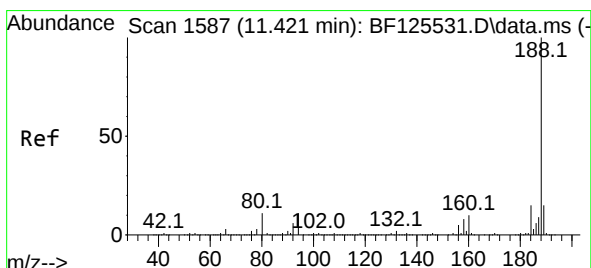
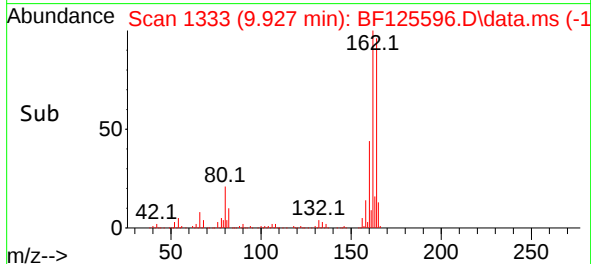
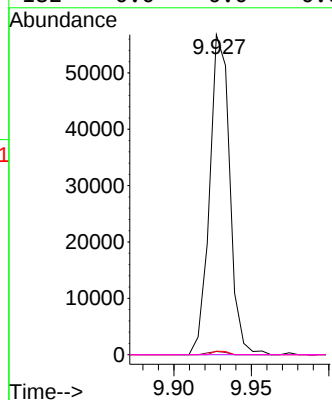
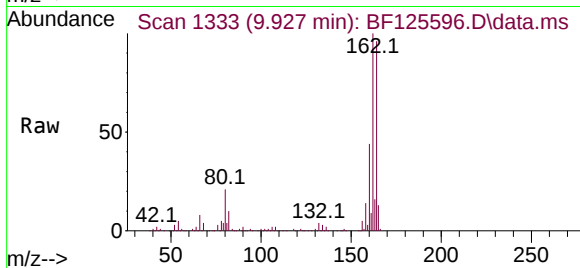




#57
2,4-Dinitrotoluene
Concen: 7.690 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

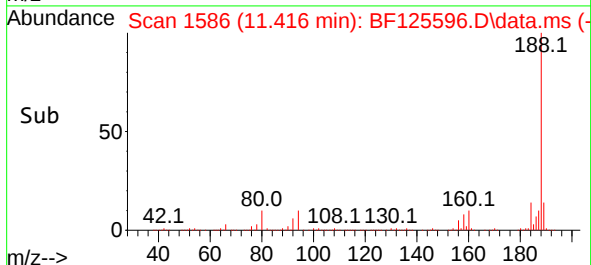
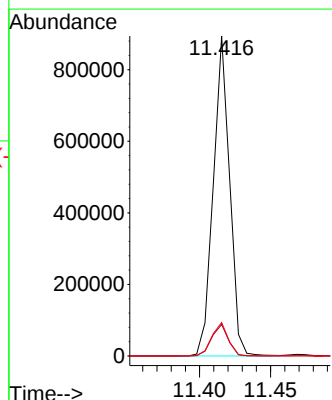
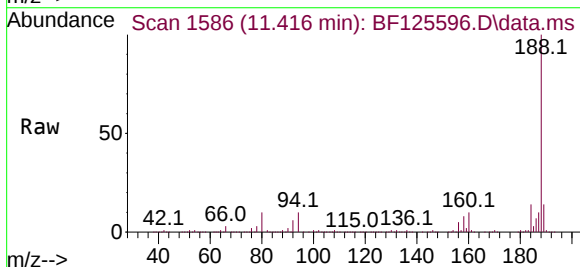
Instrument :
BNA_F
ClientSampled :
BRICKS

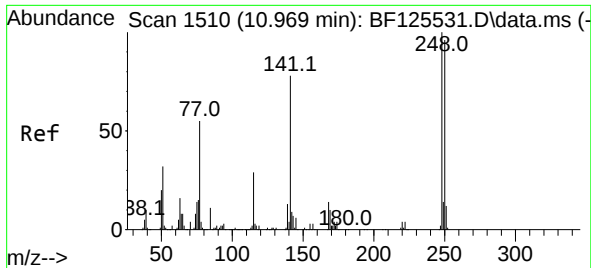
Tgt Ion:165	Resp:	51216
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

Tgt Ion:188	Resp:	717091
Ion Ratio	Lower	Upper
188	100	
94	9.9	6.7 10.1
80	10.5	7.5 11.3

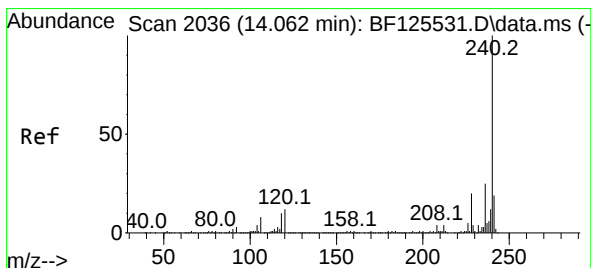
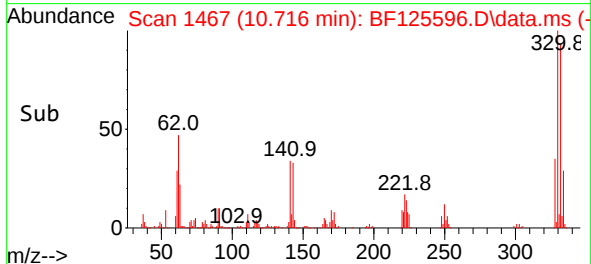
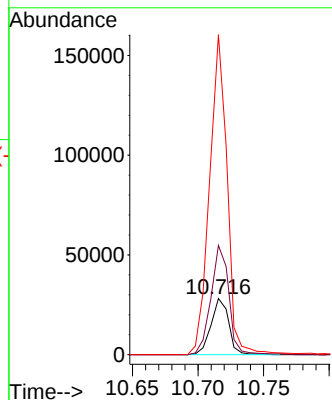
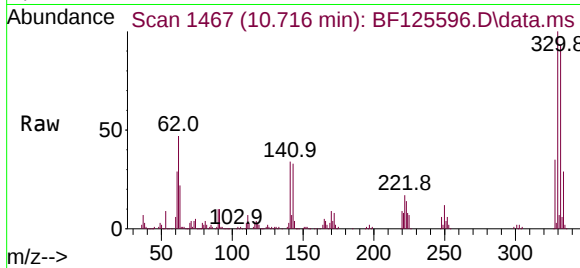




#67
4-Bromophenyl-phenylether
Concen: 3.228 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.253 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

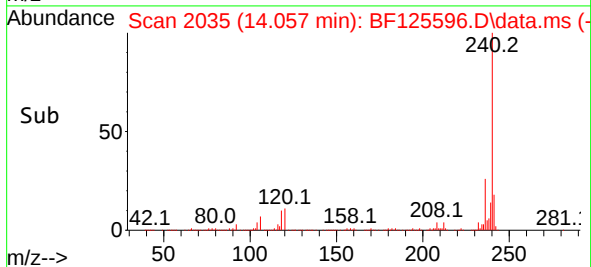
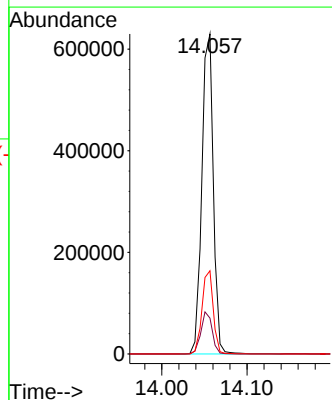
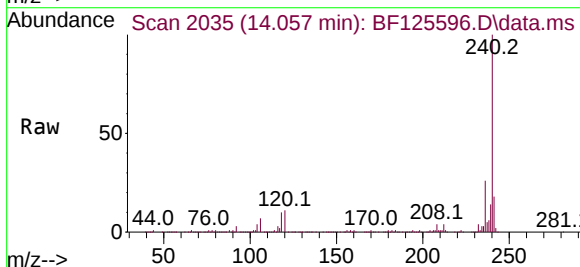
Instrument :
BNA_F
ClientSampleId :
BRICKS

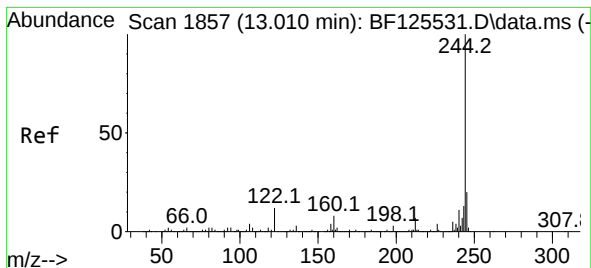
Tgt Ion:248 Resp: 26453
Ion Ratio Lower Upper
248 100
250 194.5 74.2 111.4#
141 569.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125596.D
Acq: 23 Sep 2021 17:28

Tgt Ion:240 Resp: 589596
Ion Ratio Lower Upper
240 100
120 11.2 10.8 16.2
236 26.0 21.6 32.4





#79

Terphenyl-d14

Concen: 58.099 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BF125596.D

Acq: 23 Sep 2021 17:28

Instrument :

BNA_F

ClientSampleId :

BRICKS

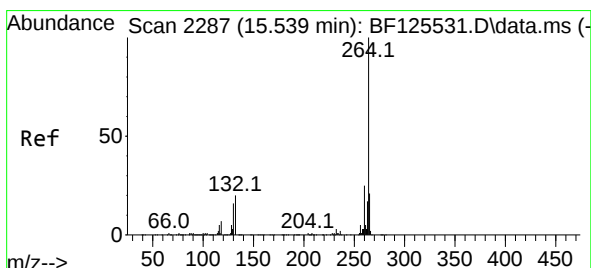
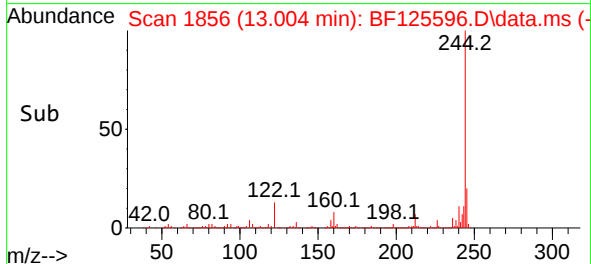
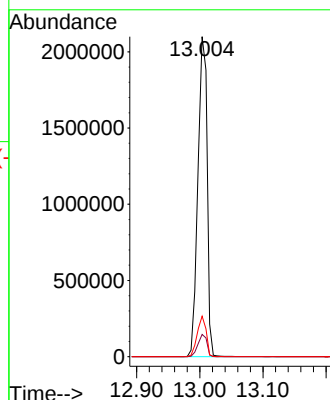
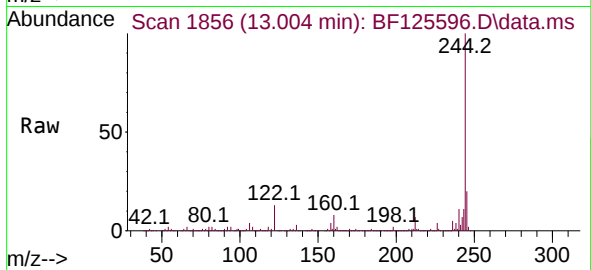
Tgt Ion:244 Resp: 2121305

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 12.7 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2286

Delta R.T. -0.006 min

Lab File: BF125596.D

Acq: 23 Sep 2021 17:28

Tgt Ion:264 Resp: 575289

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 20.4 17.2 25.8

