

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126694.D
 Acq On : 26 Jan 2022 18:44
 Operator : CG/JU
 Sample : N1267-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-BRICK-EXT-WALL

Quant Time: Jan 27 03:14:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

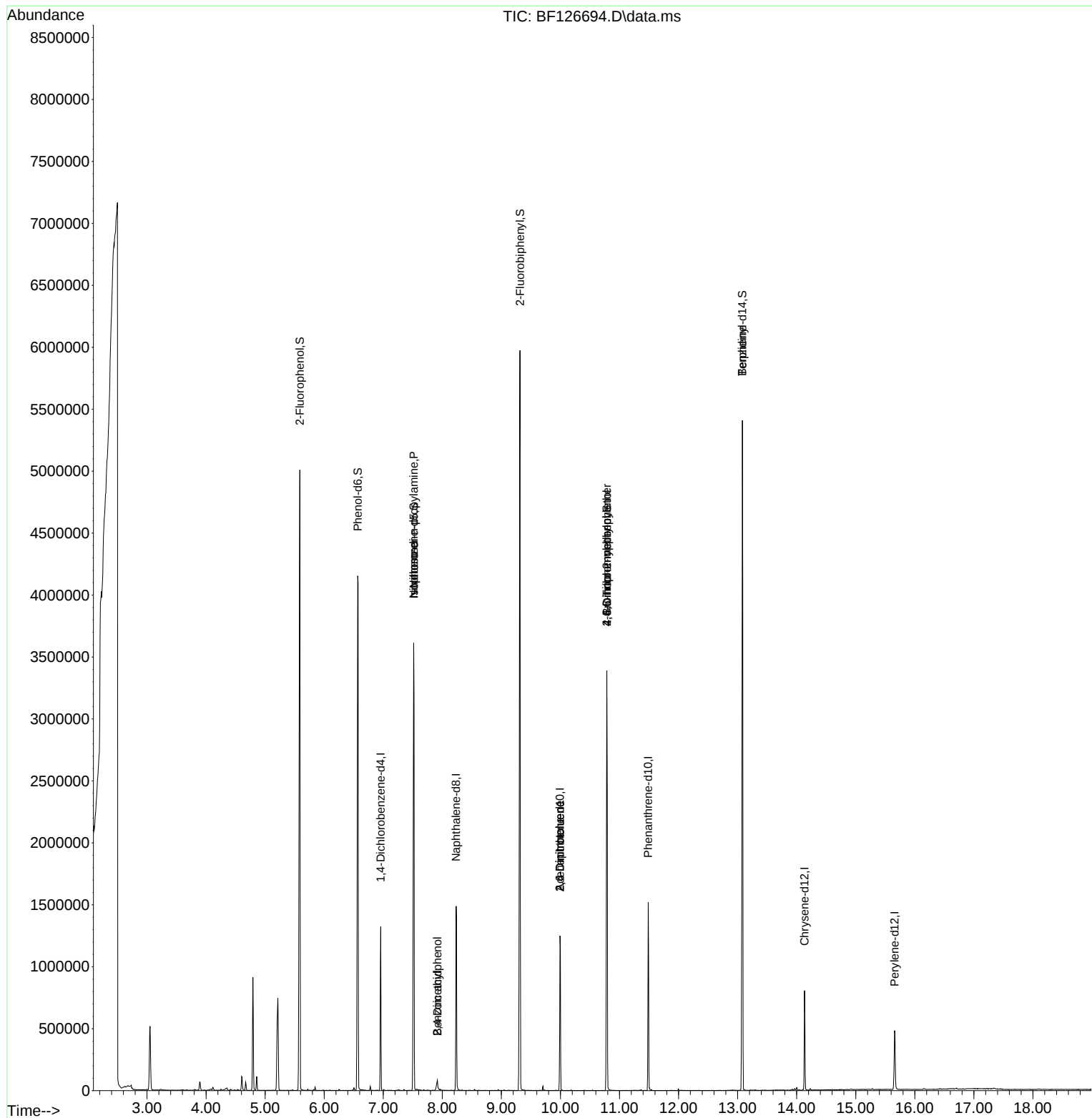
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	163884	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	635228	20.000	ng	# 0.00
39) Acenaphthene-d10	9.992	164	248061	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	479400	20.000	ng	0.00
76) Chrysene-d12	14.133	240	249637	20.000	ng	#-0.01
86) Perylene-d12	15.656	264	223755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1413650	113.508	ng	0.02
7) Phenol-d6	6.569	99	1735594	100.303	ng	0.00
23) Nitrobenzene-d5	7.516	82	1525605	94.004	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	389425	167.750	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1832496	113.136	ng	0.00
79) Terphenyl-d14	13.080	244	1888390	126.877	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	465	Below Cal	#	14
19) n-Nitroso-di-n-propyla...	7.516	70	206584	16.358	ng	# 70
25) Isophorone	7.516	82	1525592	48.472	ng	# 69
27) 2,4-Dimethylphenol	7.916	122	22658	2.185	ng	# 4
32) Benzoic acid	7.916	122	22658	3.851	ng	# 76
51) 2,6-Dinitrotoluene	9.992	165	32226	10.600	ng	# 21
57) 2,4-Dinitrotoluene	9.992	165	32226	8.747	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	1096	7.777	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	25504	4.616	ng	# 1
77) Benzidine	13.080	184	24528	2.848	ng	99

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

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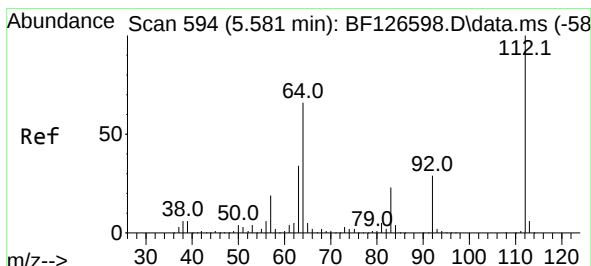
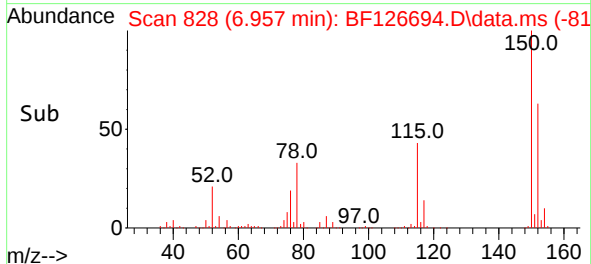
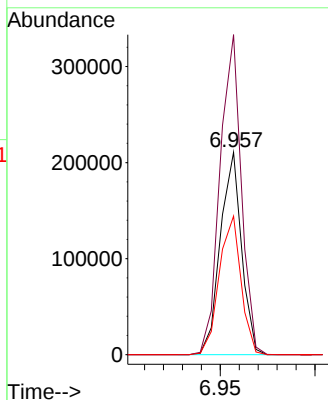
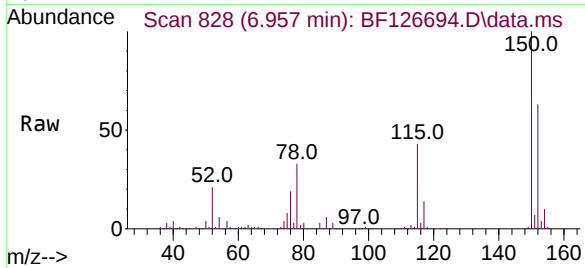




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

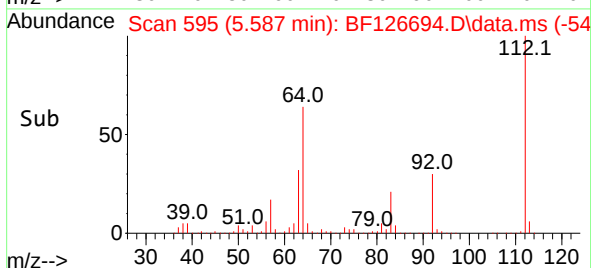
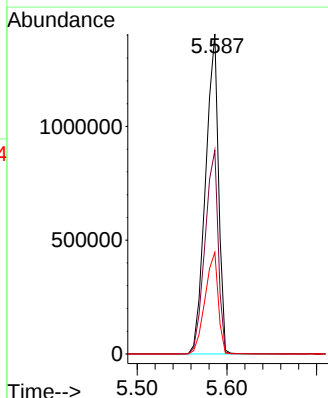
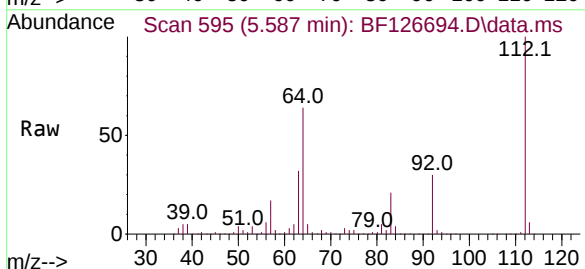
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-EXT-WALL

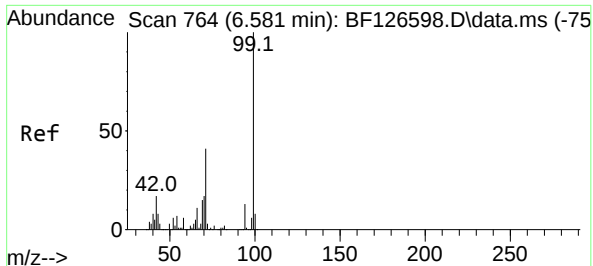
Tgt Ion:152 Resp: 163884
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 68.4 56.7 85.1



#5
2-Fluorophenol
Concen: 113.508 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

Tgt Ion:112 Resp: 1413650
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 31.7 23.9 35.9



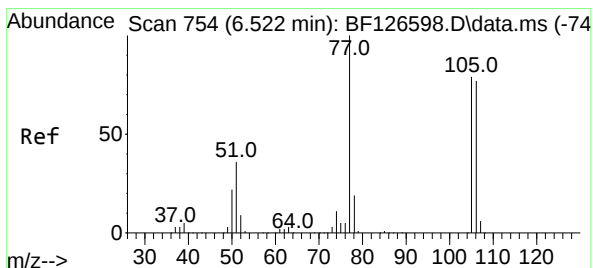
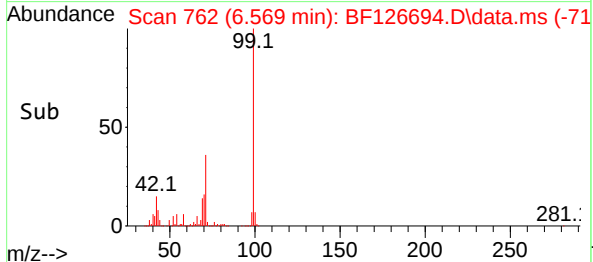
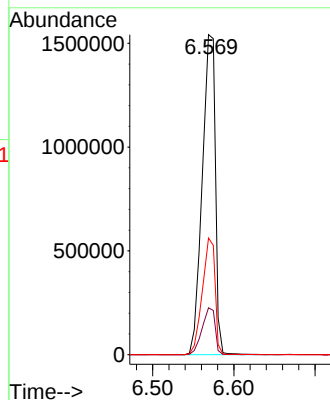
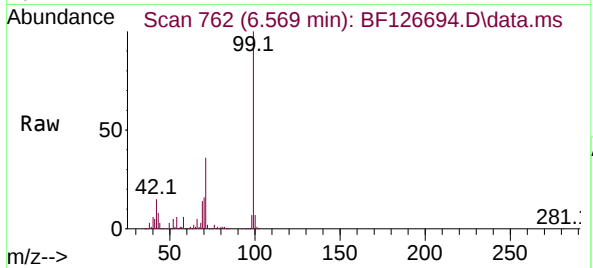


#7
Phenol-d6
Concen: 100.303 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

Instrument :
BNA_F
ClientSampleId :
RED-BRICK-EXT-WALL

Tgt Ion: 99 Resp: 1735594

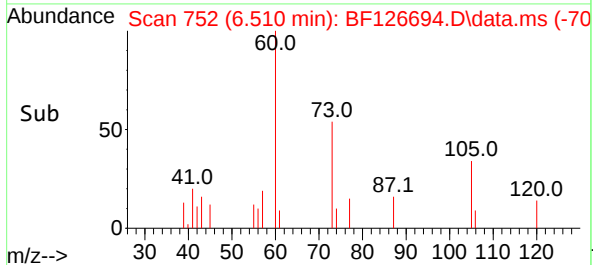
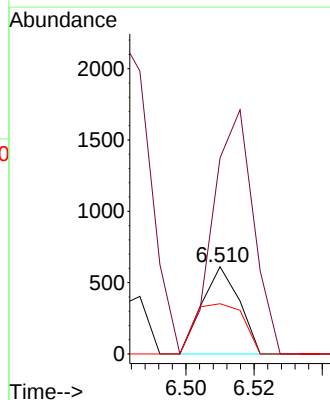
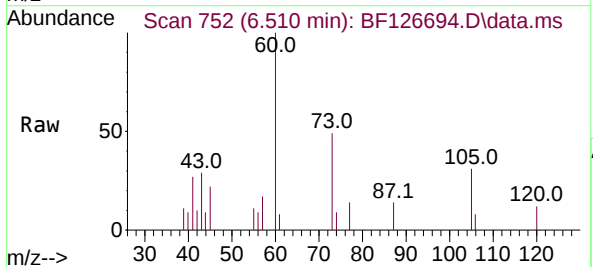
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.4
71	36.5	24.3	36.5

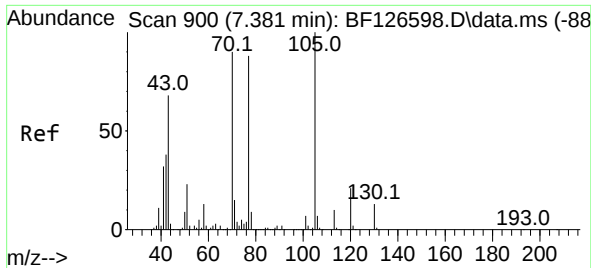


#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

Tgt Ion: 77 Resp: 465

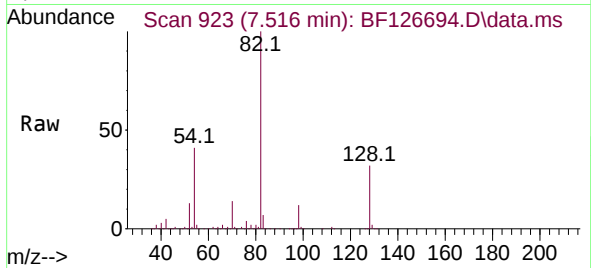
Ion	Ratio	Lower	Upper
77	100		
105	224.5	74.9	114.9#
106	57.5	72.4	112.4#



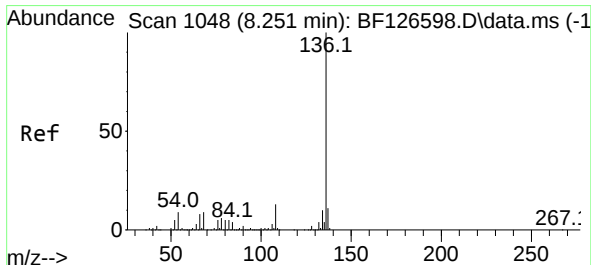
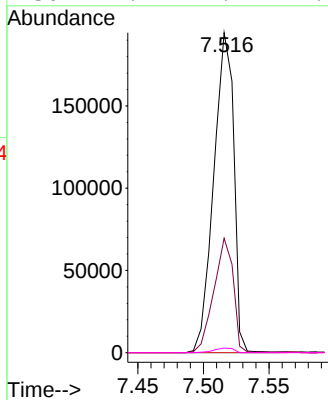
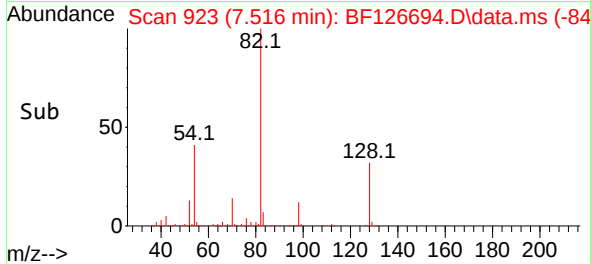


#19
n-Nitroso-di-n-propylamine
Concen: 16.358 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

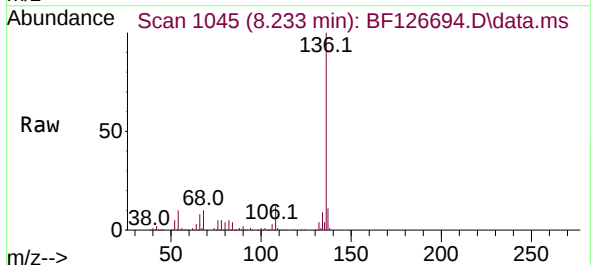
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-EXT-WALL



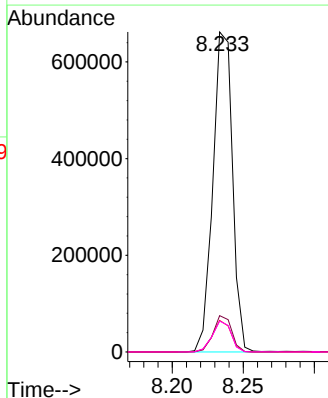
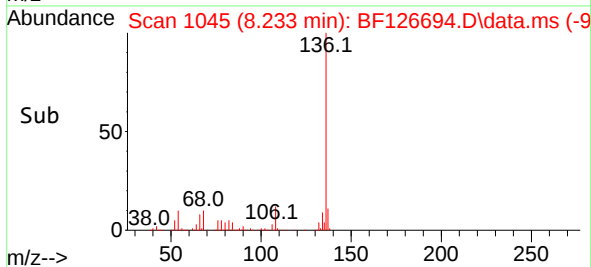
Tgt Ion: 70 Resp: 206584
Ion Ratio Lower Upper
70 100
42 35.8 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

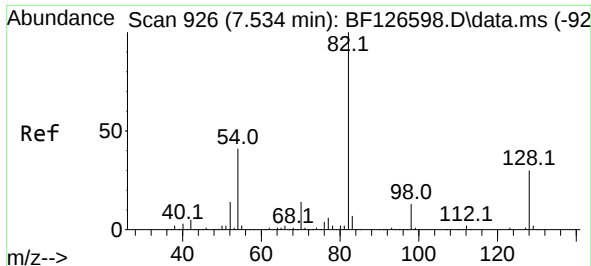


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44



Tgt Ion: 136 Resp: 635228
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.9 7.8 11.6
68 9.6 6.3 9.5#

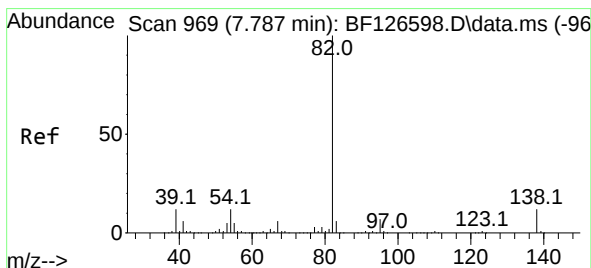
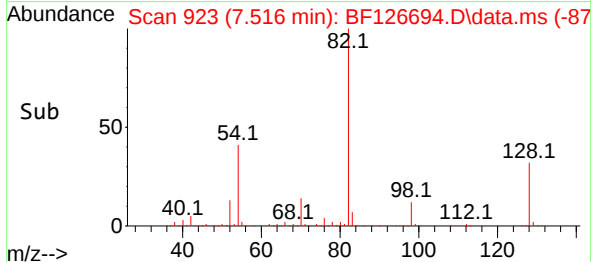
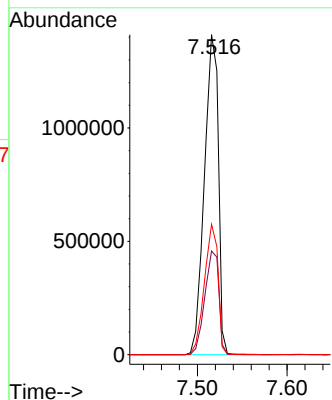
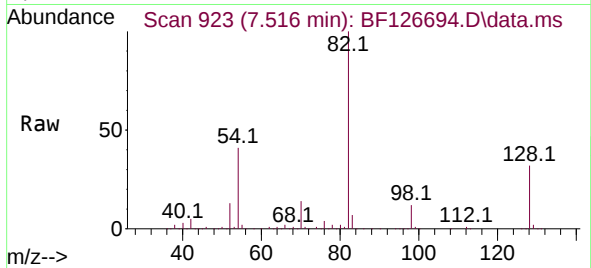




#23
Nitrobenzene-d5
Concen: 94.004 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

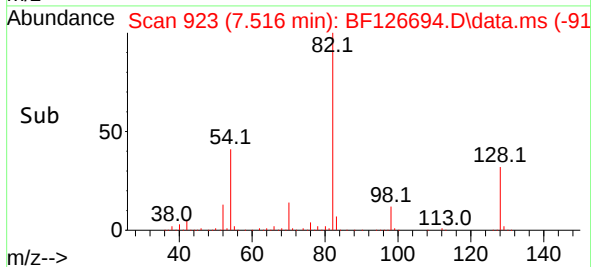
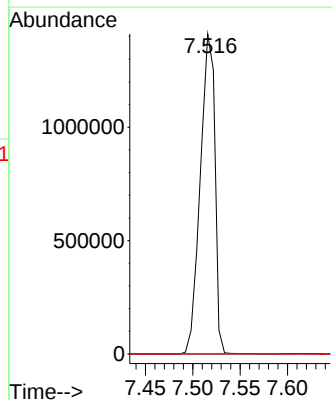
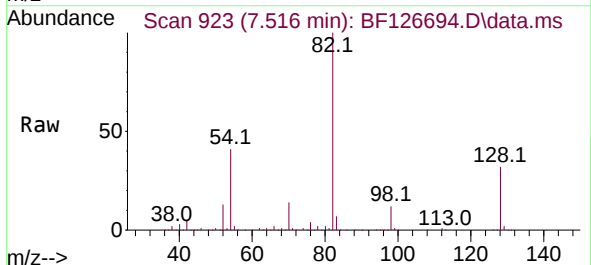
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-EXT-WALL

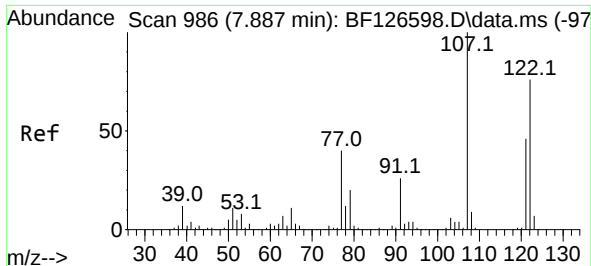
Tgt Ion: 82 Resp: 1525605
Ion Ratio Lower Upper
82 100
128 32.4 32.7 49.1#
54 40.7 41.7 62.5#



#25
Isophorone
Concen: 48.472 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

Tgt Ion: 82 Resp: 1525592
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 2.185 ng

RT: 7.916 min Scan# 991

Delta R.T. 0.035 min

Lab File: BF126694.D

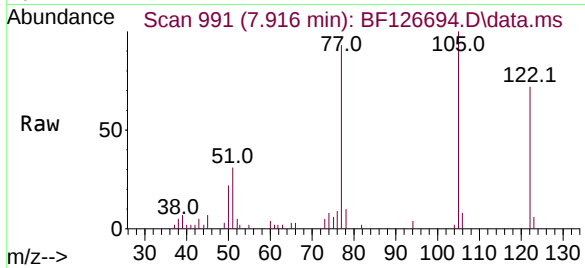
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Instrument :

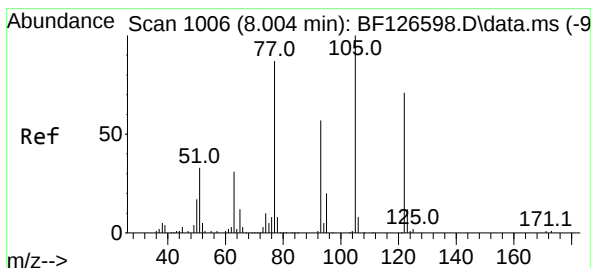
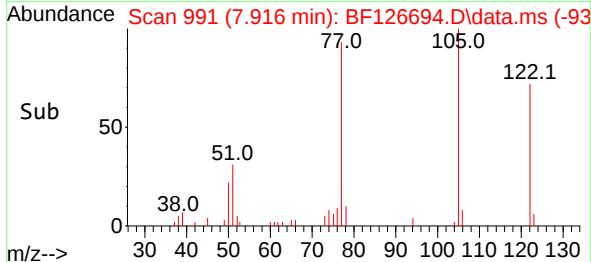
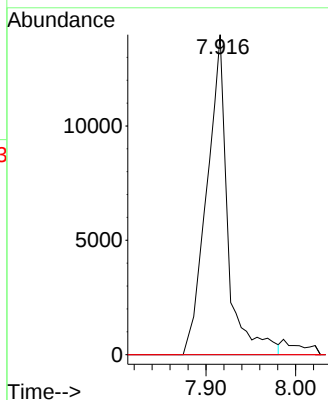
BNA_F

ClientSampleId :

RED-BRICK-EXT-WALL



Tgt Ion:	122	Resp:	22658
Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	44.4	66.6#



#32

Benzoic acid

Concen: 3.851 ng

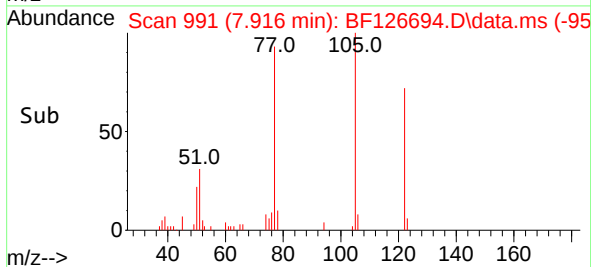
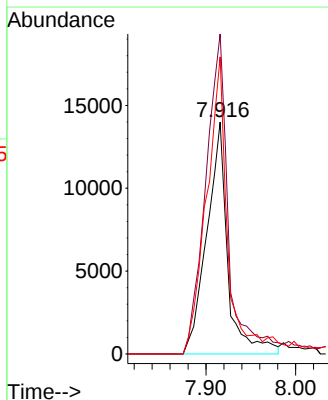
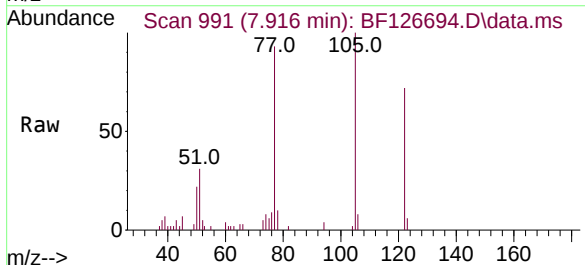
RT: 7.916 min Scan# 991

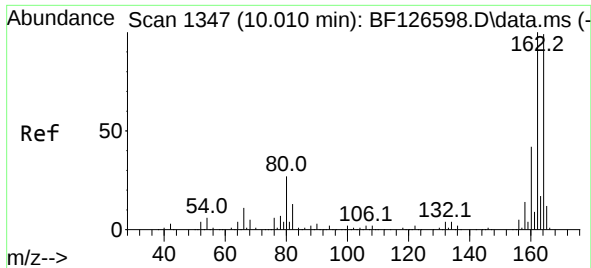
Delta R.T. -0.077 min

Lab File: BF126694.D

Acq: 26 Jan 2022 18:44

Tgt Ion:	122	Resp:	22658
Ion	Ratio	Lower	Upper
122	100		
105	138.0	101.0	141.0
77	128.2	74.5	114.5#

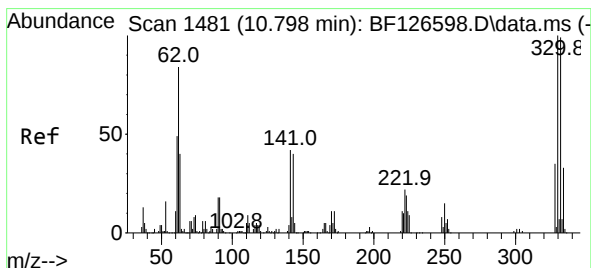
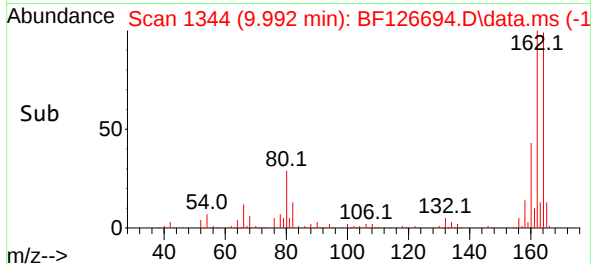
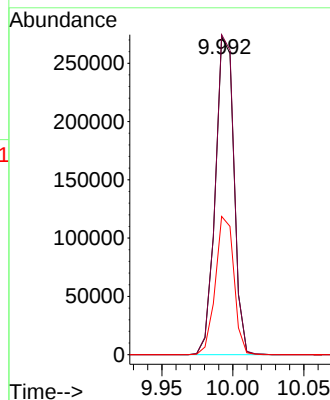
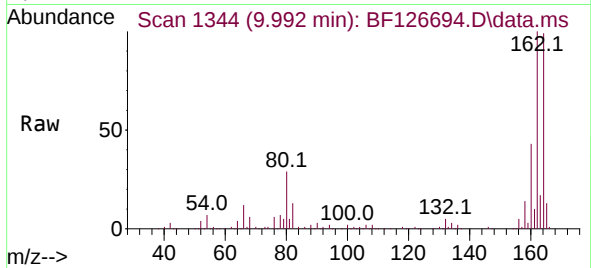




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

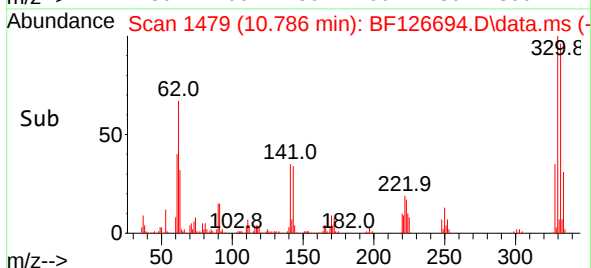
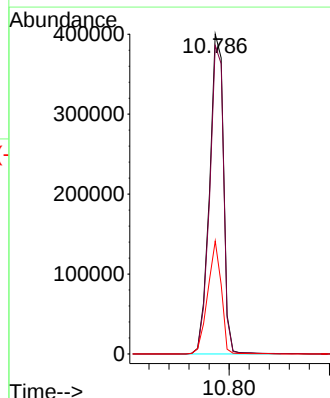
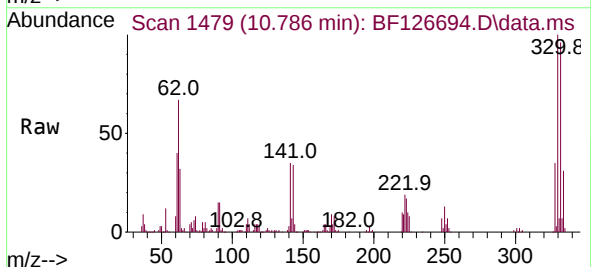
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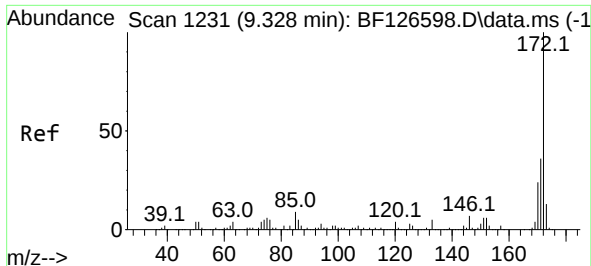
Tgt Ion:164 Resp: 248061
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.5 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 167.750 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

Tgt Ion:330 Resp: 389425
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 34.1 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 113.136 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126694.D

Acq: 26 Jan 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RED-BRICK-EXT-WALL

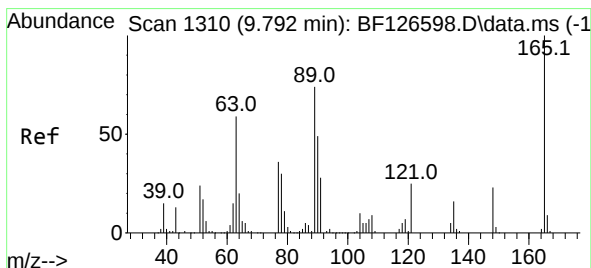
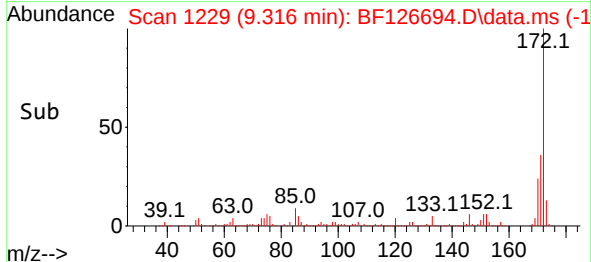
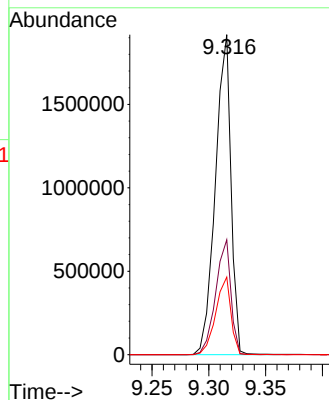
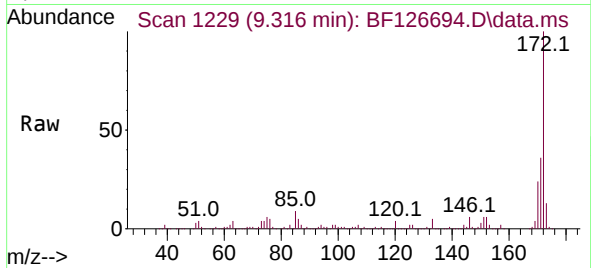
Tgt Ion:172 Resp: 1832496

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 24.2 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.600 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.212 min

Lab File: BF126694.D

Acq: 26 Jan 2022 18:44

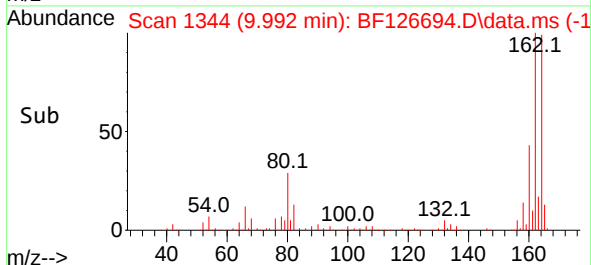
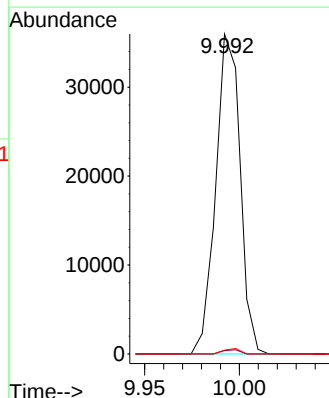
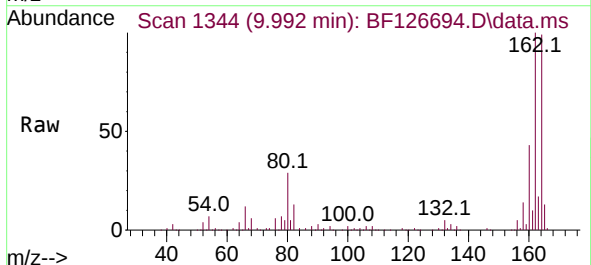
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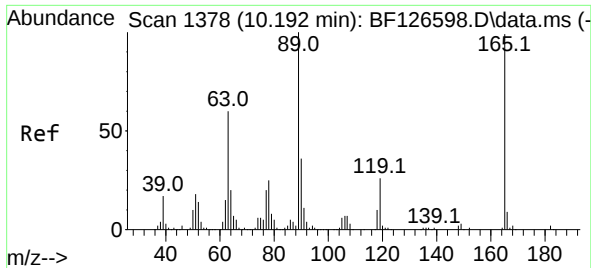
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.2 50.5 75.7#

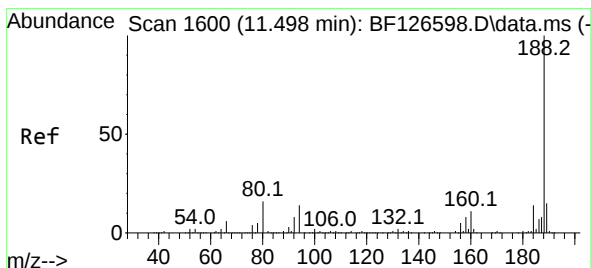
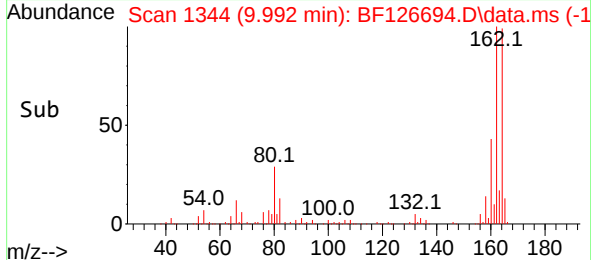
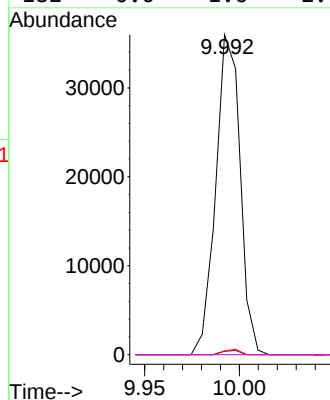
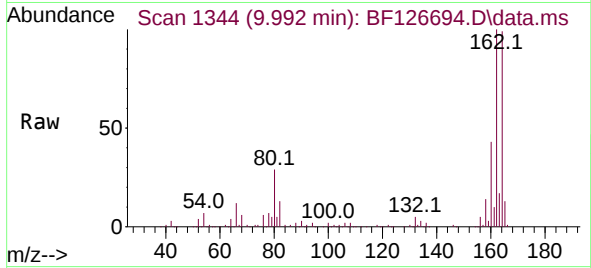




#57
2,4-Dinitrotoluene
Concen: 8.747 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

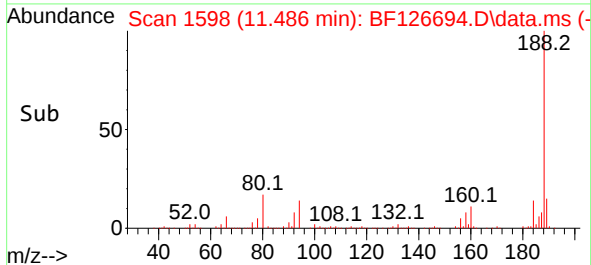
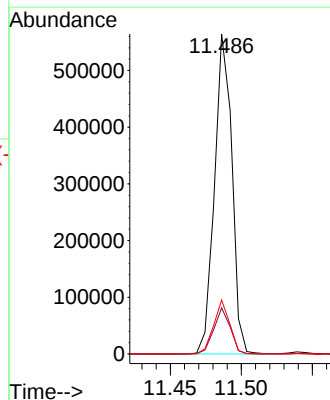
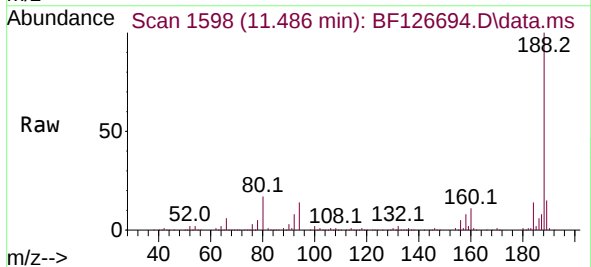
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-EXT-WALL

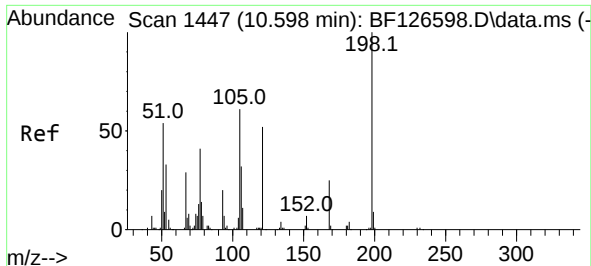
Tgt Ion:165 Resp: 32226
Ion Ratio Lower Upper
165 100
63 1.0 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

Tgt Ion:188 Resp: 479400
Ion Ratio Lower Upper
188 100
94 14.4 10.1 15.1
80 16.8 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.777 ng

RT: 10.786 min Scan# 1447

Delta R.T. 0.194 min

Lab File: BF126694.D

Acq: 26 Jan 2022 18:44

Instrument :

BNA_F

ClientSampleId :

RED-BRICK-EXT-WALL

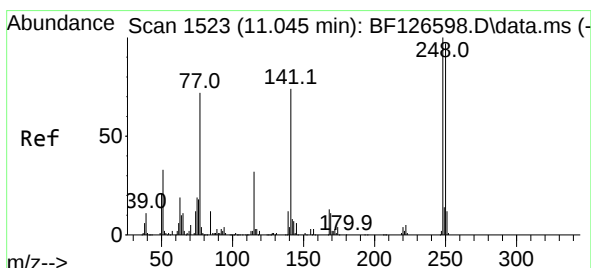
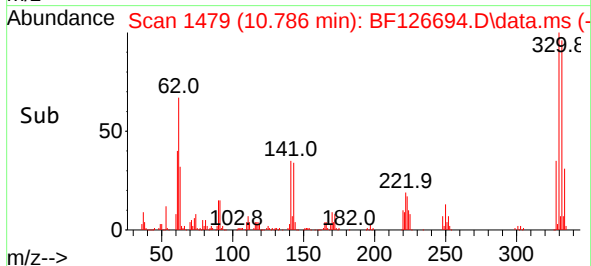
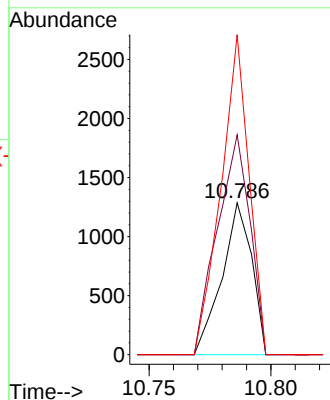
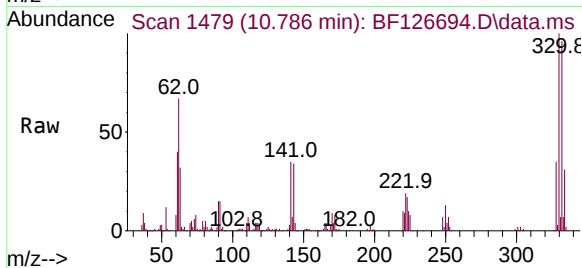
Tgt Ion:198 Resp: 1096

Ion Ratio Lower Upper

198 100

51 144.8 32.0 72.0#

105 210.7 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 4.616 ng

RT: 10.786 min Scan# 1479

Delta R.T. -0.247 min

Lab File: BF126694.D

Acq: 26 Jan 2022 18:44

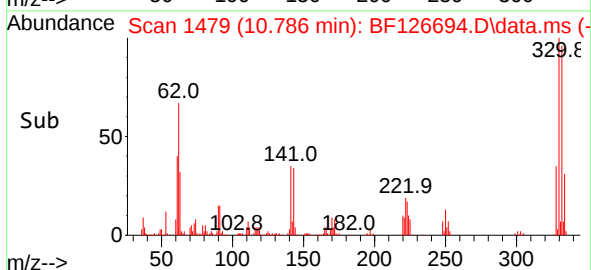
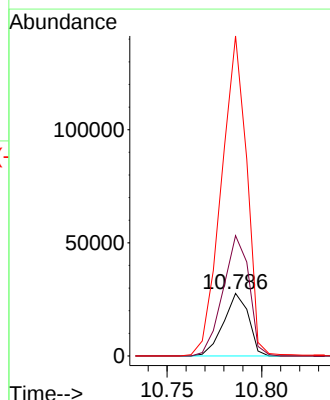
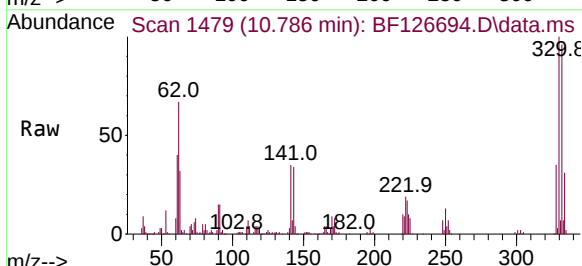
Tgt Ion:248 Resp: 25504

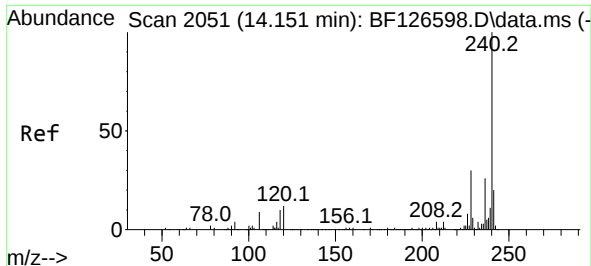
Ion Ratio Lower Upper

248 100

250 192.6 76.2 114.4#

141 512.0 66.2 99.4#

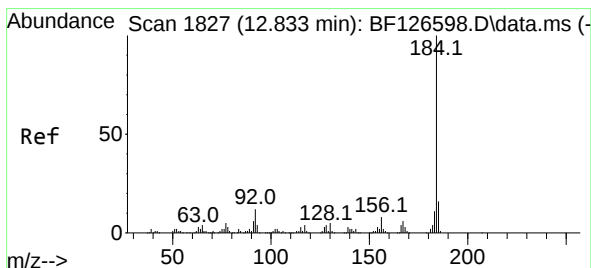
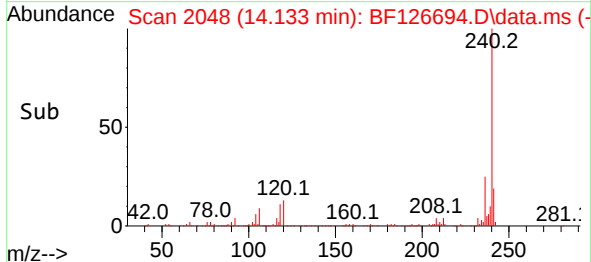
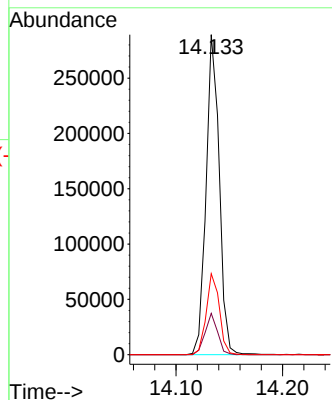
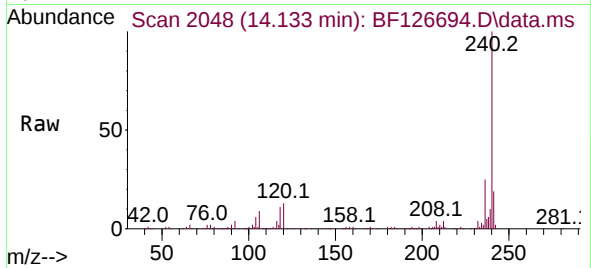




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

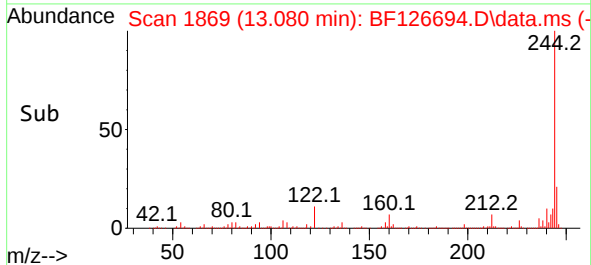
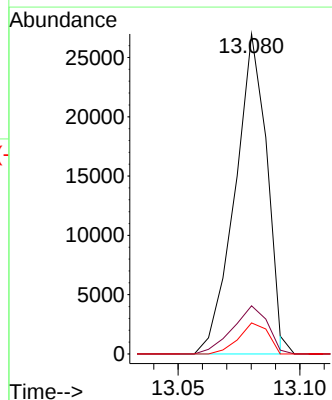
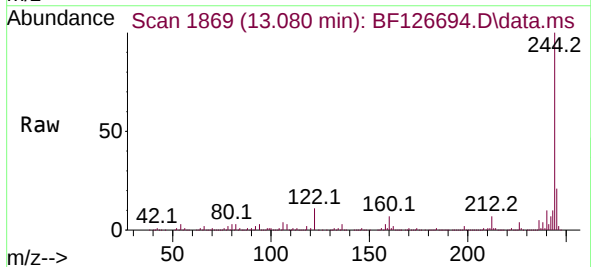
Instrument :
BNA_F
ClientSampleId :
RED-BRICK-EXT-WALL

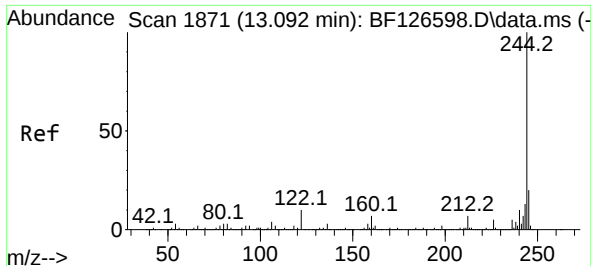
Tgt Ion:240 Resp: 249637
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 25.3 20.5 30.7



#77
Benzidine
Concen: 2.848 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF126694.D
Acq: 26 Jan 2022 18:44

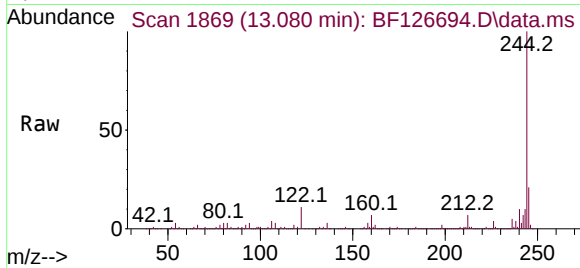
Tgt Ion:184 Resp: 24528
Ion Ratio Lower Upper
184 100
185 15.0 11.8 17.8
183 9.7 8.2 12.2



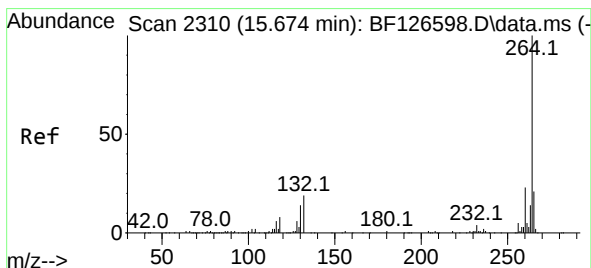
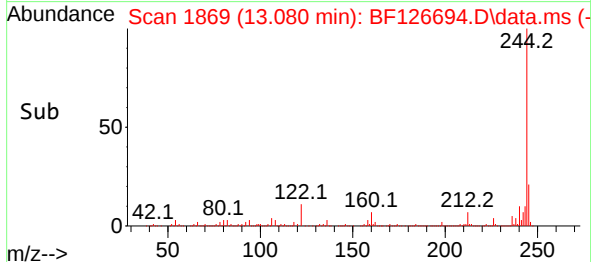
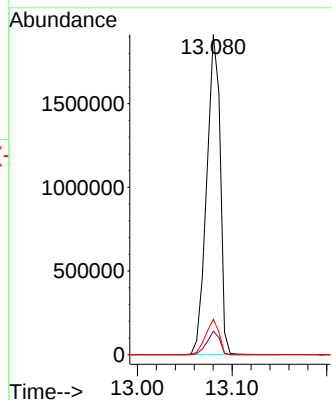


#79
 Terphenyl-d14
 Concen: 126.877 ng
 RT: 13.080 min Scan# 1869
 Delta R.T. -0.000 min
 Lab File: BF126694.D
 Acq: 26 Jan 2022 18:44

Instrument :
 BNA_F
 ClientSampleId :
 RED-BRICK-EXT-WALL



Tgt Ion:244 Resp: 1888390
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 11.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2307
 Delta R.T. -0.006 min
 Lab File: BF126694.D
 Acq: 26 Jan 2022 18:44

Tgt Ion:264 Resp: 223755
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.6 17.4 26.2

