

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
 Data File : BF125606.D
 Acq On : 23 Sep 2021 22:55
 Operator : JU/CG
 Sample : M3730-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WALL-BRICK-FLOOR

Quant Time: Sep 24 04:19:49 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

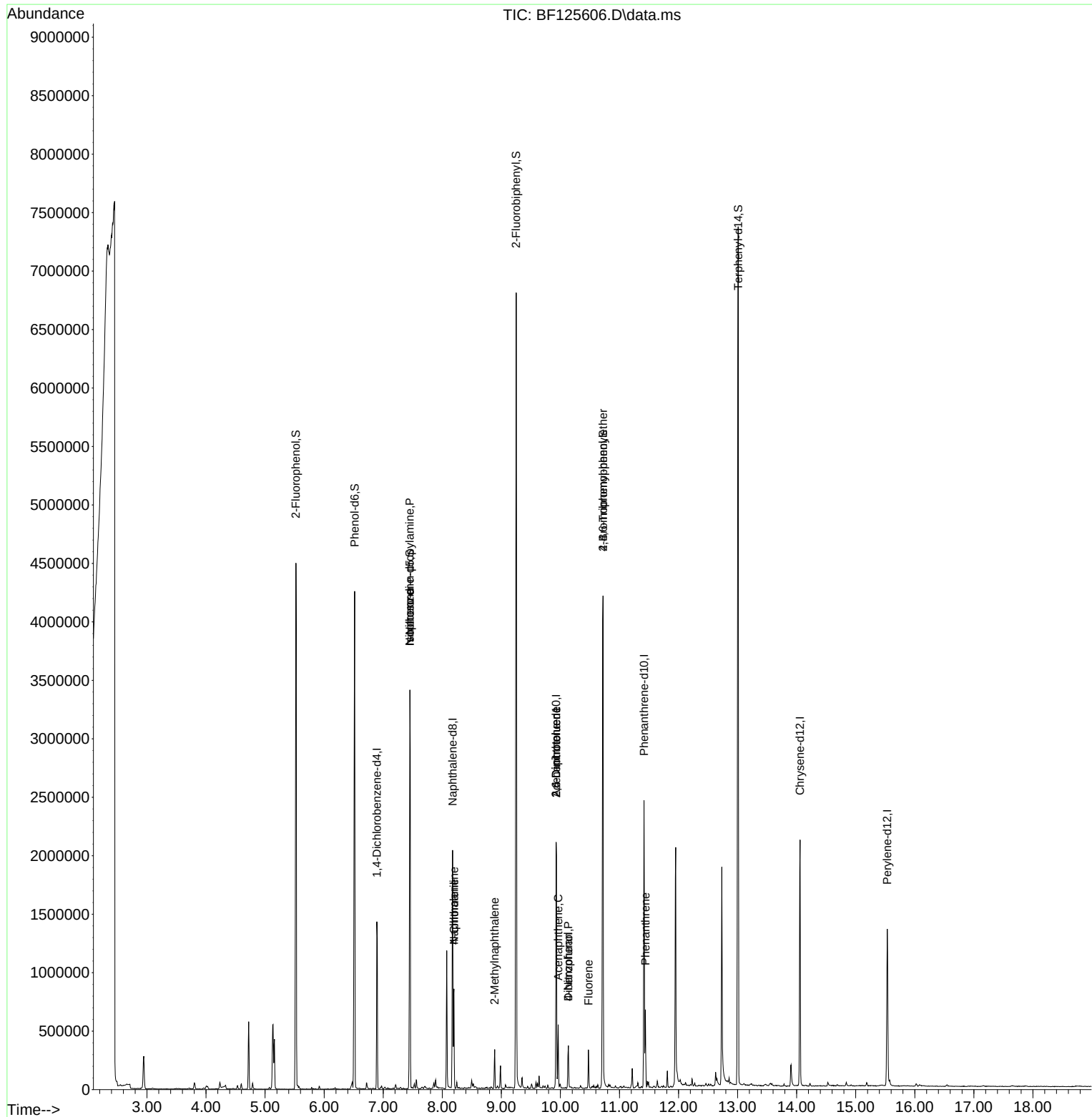
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	219100	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	903389	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	491141	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	870823	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	718295	20.000	ng	0.00
86) Perylene-d12	15.533	264	626844	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1545569	111.552	ng	0.01
7) Phenol-d6	6.516	99	1694430	94.852	ng	0.00
23) Nitrobenzene-d5	7.451	82	1227382	86.657	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	645295	134.141	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2453118	91.255	ng	-0.01
79) Terphenyl-d14	13.010	244	2736862	61.528	ng	0.00
Target Compounds						
9) Benzaldehyde	6.516	77	2577	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.451	70	156329	14.622	ng	# 52
25) Isophorone	7.451	82	1222844	40.119	ng	# 59
31) Naphthalene	8.198	128	358989	7.738	ng	97
33) 4-Chloroaniline	8.198	127	46011	2.419	ng	# 38
37) 2-Methylnaphthalene	8.887	142	85584	2.723	ng	98
51) 2,6-Dinitrotoluene	9.928	165	63687	9.470	ng	# 27
52) Acenaphthene	9.963	154	108822	3.816	ng	98
55) Dibenzofuran	10.134	168	122623	2.898	ng	93
56) 4-Nitrophenol	10.134	139	44321	7.650	ng	# 11
57) 2,4-Dinitrotoluene	9.928	165	63678	7.901	ng	# 19
58) Fluorene	10.475	166	85005	2.612	ng	100
67) 4-Bromophenyl-phenylether	10.722	248	35022	3.519	ng	# 1
71) Phenanthrene	11.439	178	214673	4.389	ng	100

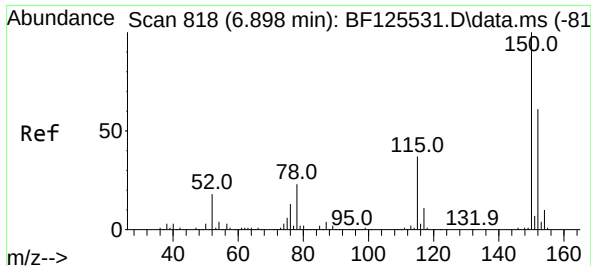
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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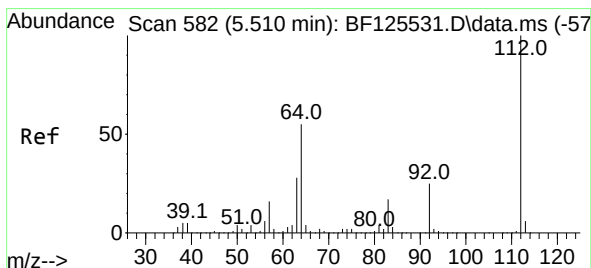
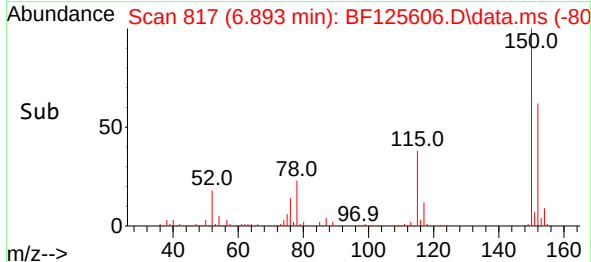
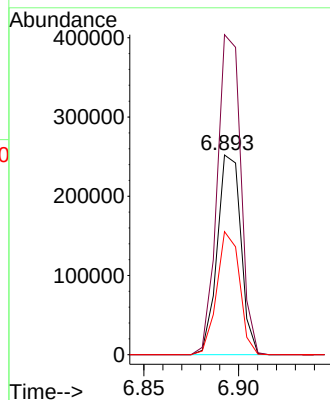
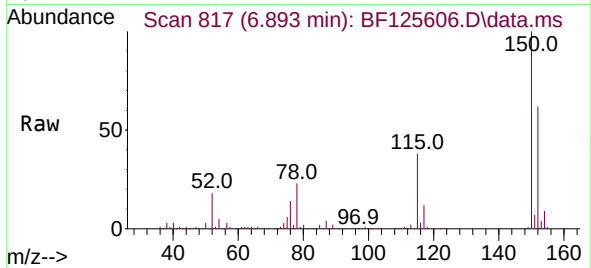




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.005 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

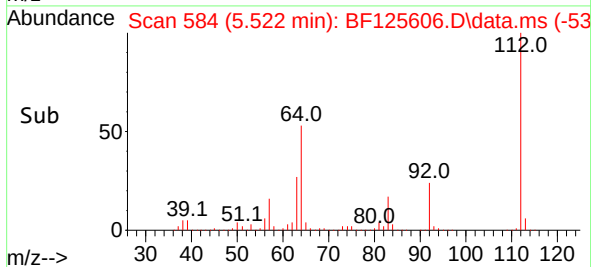
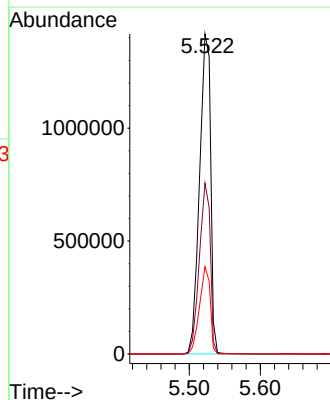
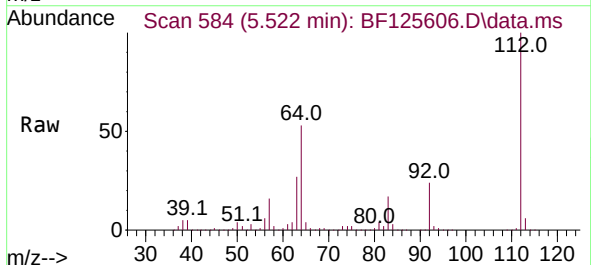
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

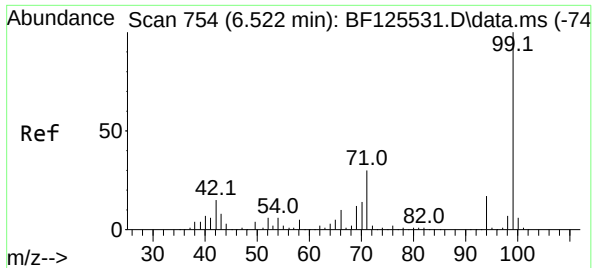
Tgt Ion:152 Resp: 219100
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 111.552 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:112 Resp: 1545569
Ion Ratio Lower Upper
112 100
64 53.4 44.2 66.2
63 27.3 26.2 39.2

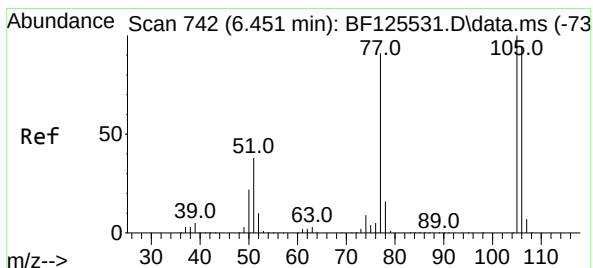
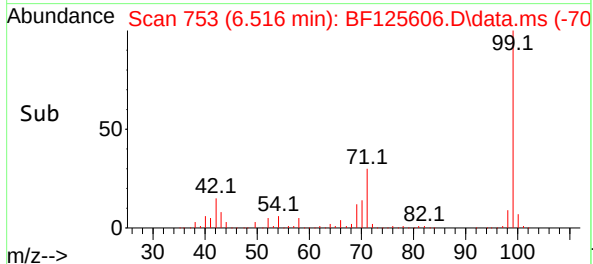
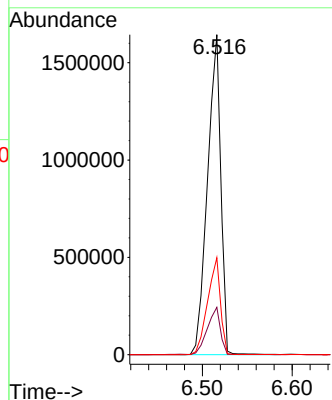
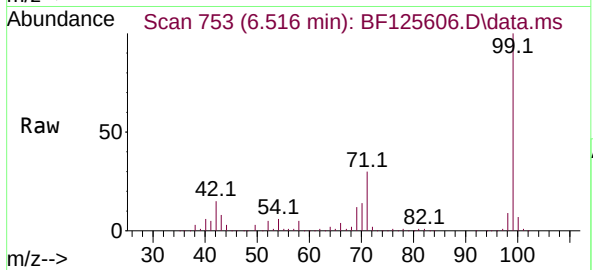




#7
Phenol-d6
Concen: 94.852 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

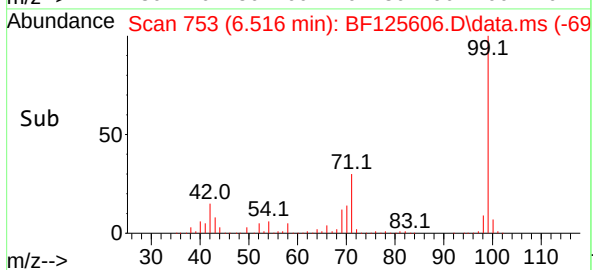
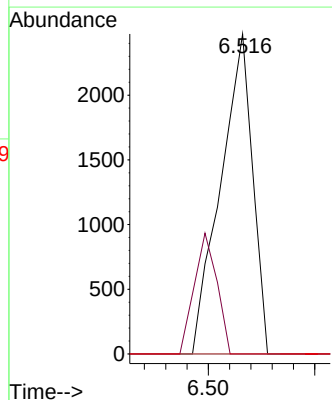
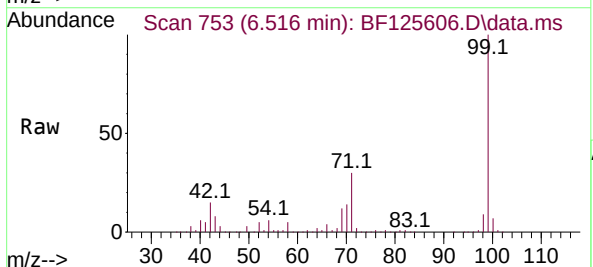
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

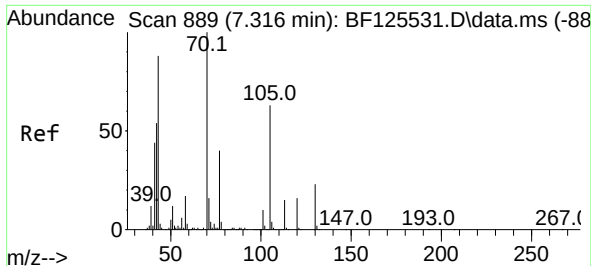
Tgt Ion: 99 Resp: 1694430
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 30.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.065 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

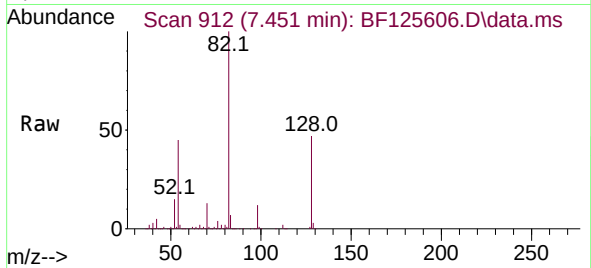
Tgt Ion: 77 Resp: 2577
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



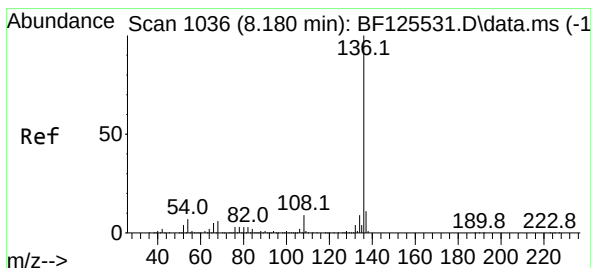
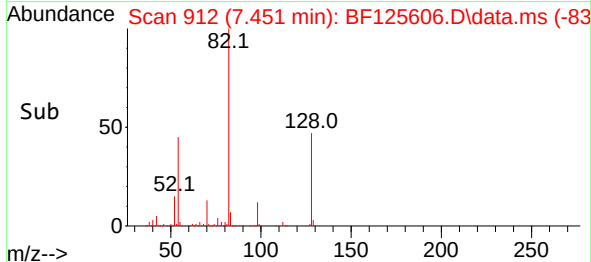
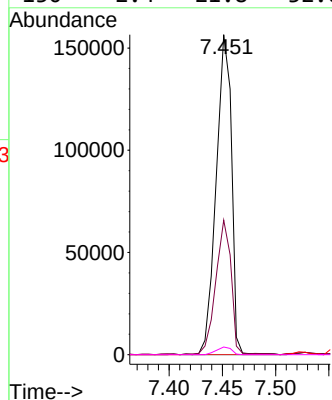


#19
n-Nitroso-di-n-propylamine
Concen: 14.622 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.136 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

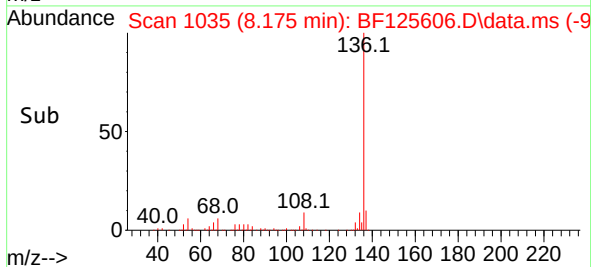
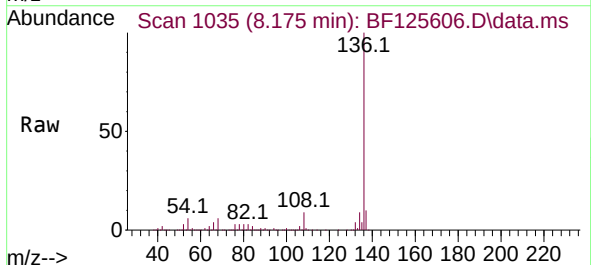
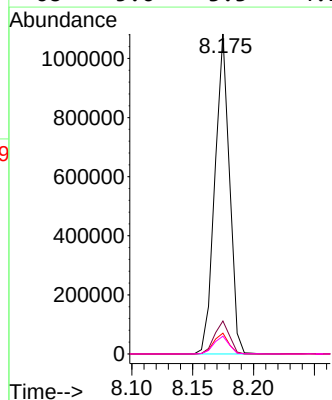


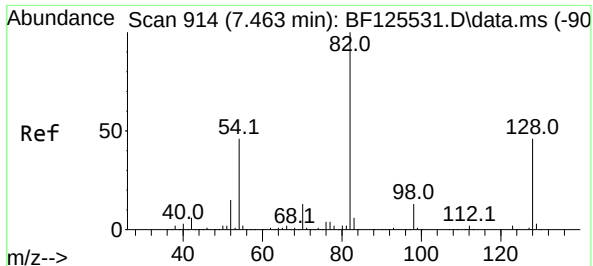
Tgt Ion	Ratio	Lower	Upper
70	100		
42	42.1	72.2	108.2#
101	0.0	7.8	11.8#
130	2.4	21.8	32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	6.5	6.4	9.6
68	5.6	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 86.657 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125606.D

Acq: 23 Sep 2021 22:55

Tgt Ion: 82 Resp: 1227382

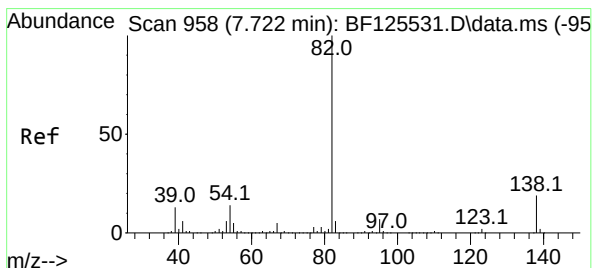
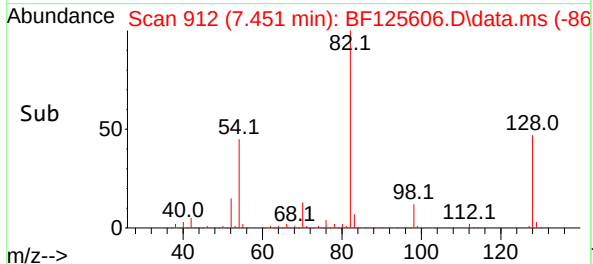
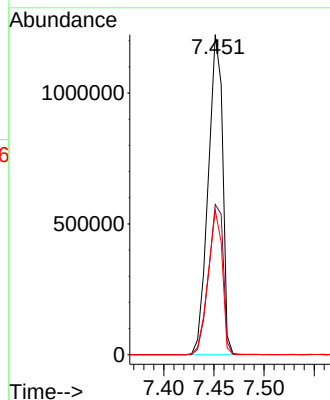
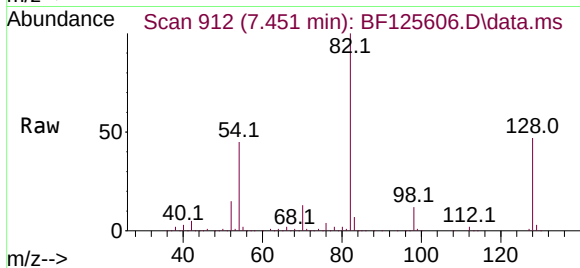
Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.6	60.8
54	45.2	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

WALL-BRICK-FLOOR



#25

Isophorone

Concen: 40.119 ng

RT: 7.451 min Scan# 912

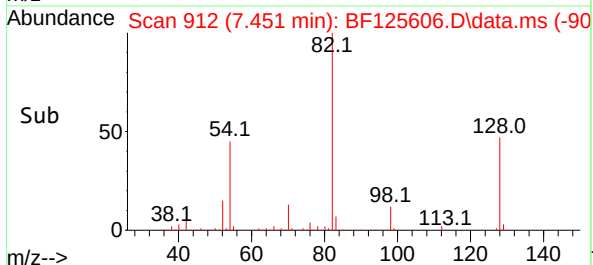
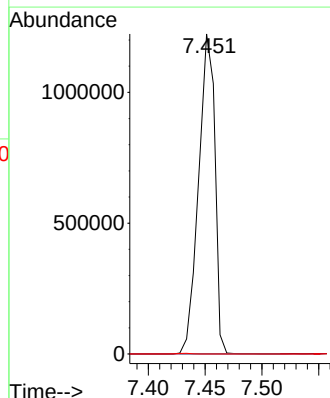
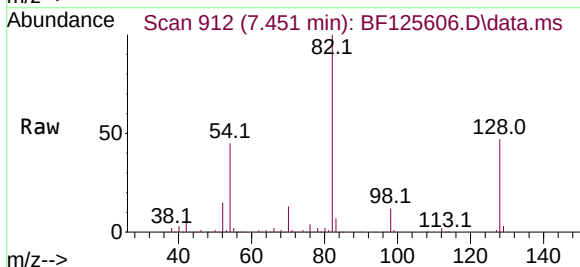
Delta R.T. -0.270 min

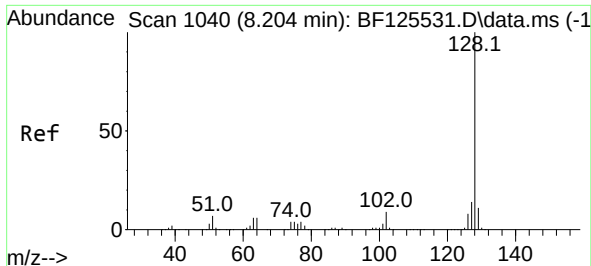
Lab File: BF125606.D

Acq: 23 Sep 2021 22:55

Tgt Ion: 82 Resp: 1222844

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

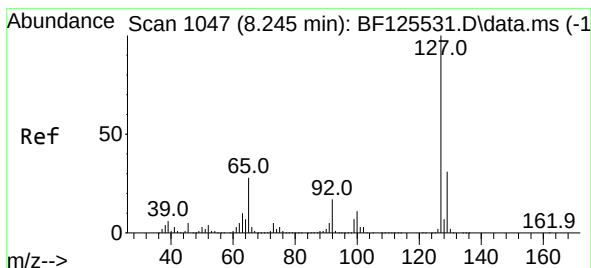
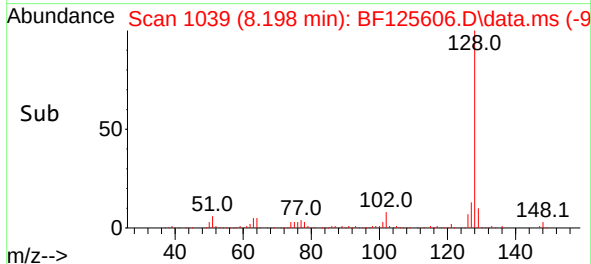
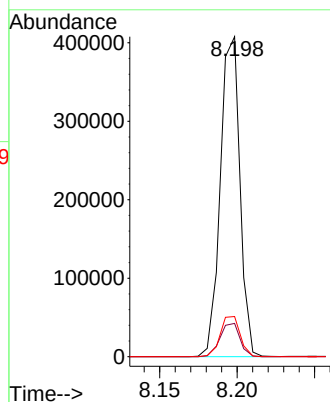
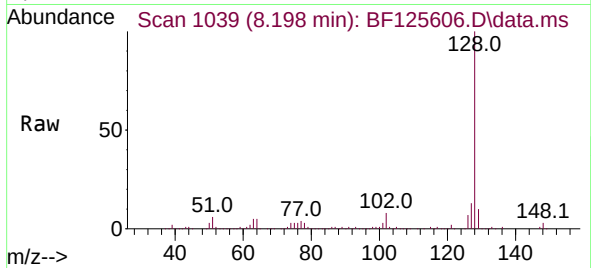




#31
Naphthalene
Concen: 7.738 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

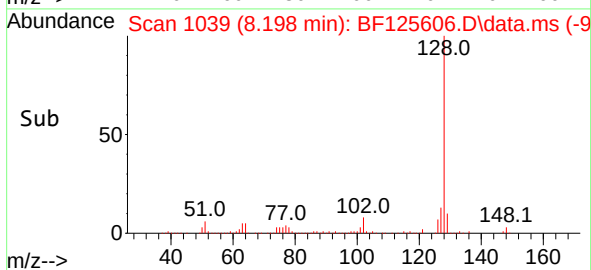
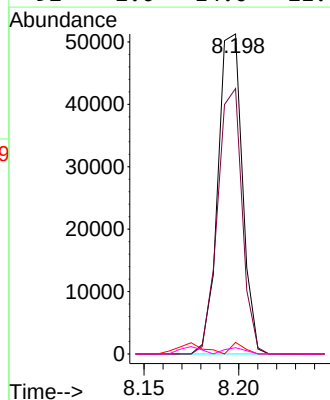
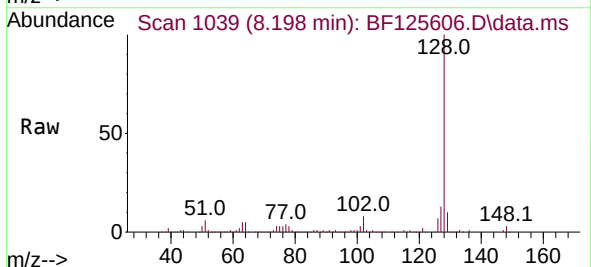
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

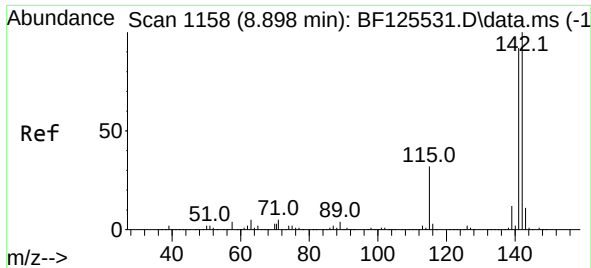
Tgt Ion:128 Resp: 358989
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.0
127 12.6 10.9 16.3



#33
4-Chloroaniline
Concen: 2.419 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.047 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:127 Resp: 46011
Ion Ratio Lower Upper
127 100
129 82.9 25.7 38.5#
65 3.6 21.2 31.8#
92 2.0 14.0 21.0#

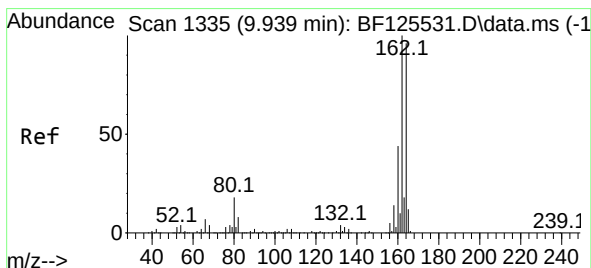
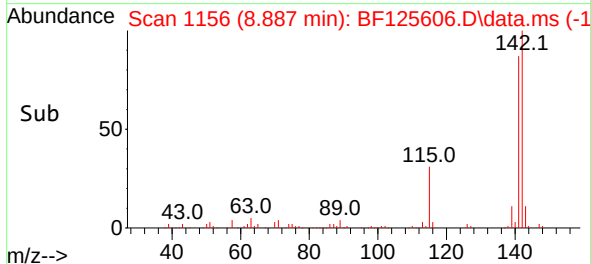
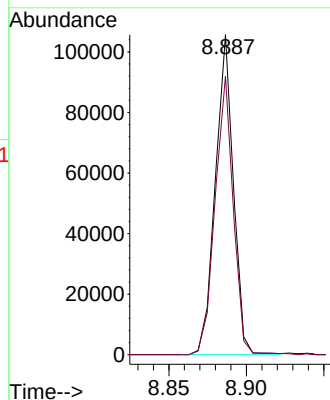
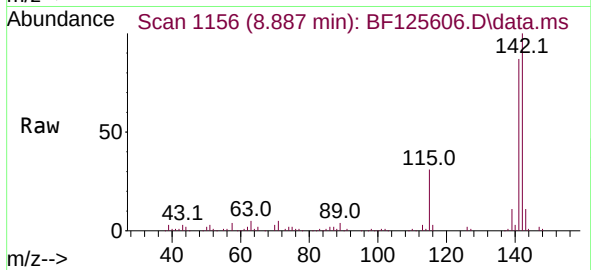




#37
2-Methylnaphthalene
Concen: 2.723 ng
RT: 8.887 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

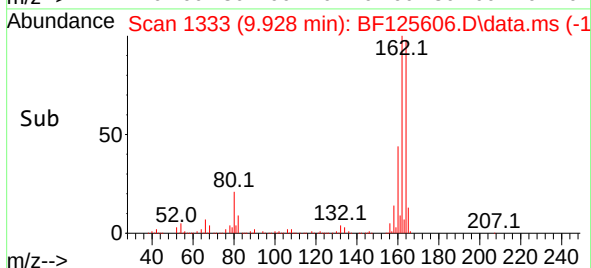
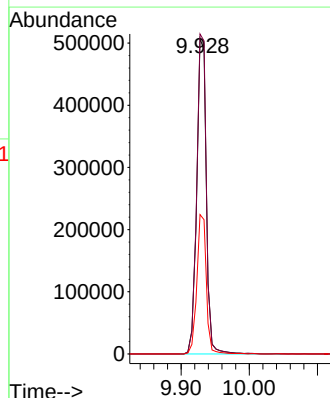
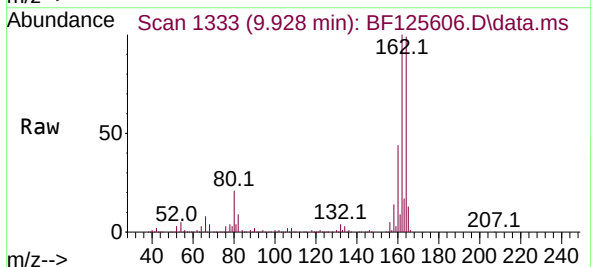
Instrument :
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WALL-BRICK-FLOOR

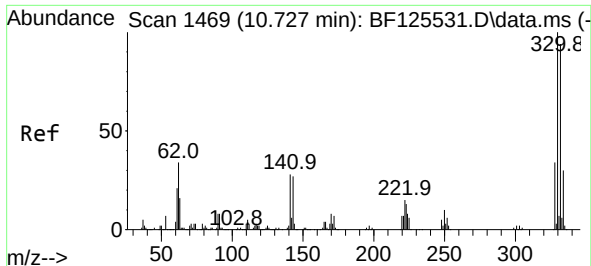
Tgt Ion:142 Resp: 85584
Ion Ratio Lower Upper
142 100
141 87.1 71.2 106.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.011 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:164 Resp: 491141
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.2 38.0 57.0

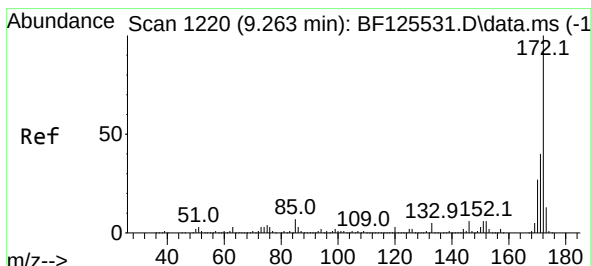
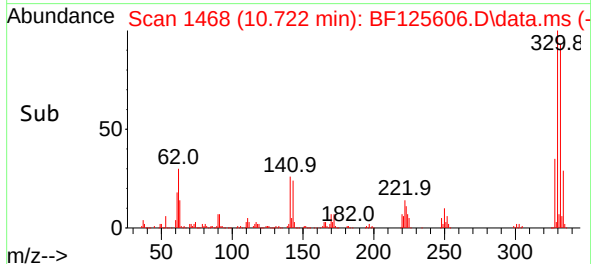
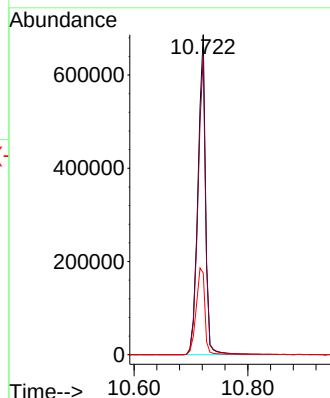
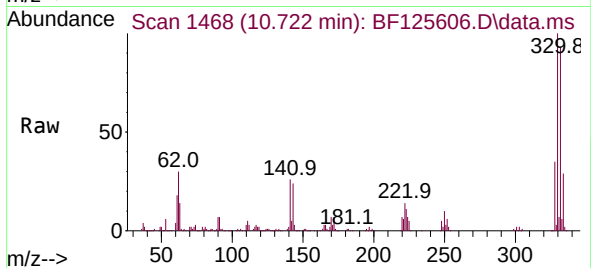




#42
2,4,6-Tribromophenol
Concen: 134.141 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

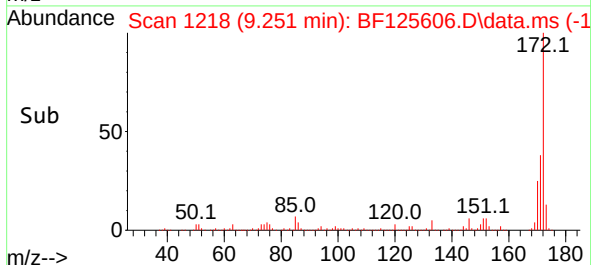
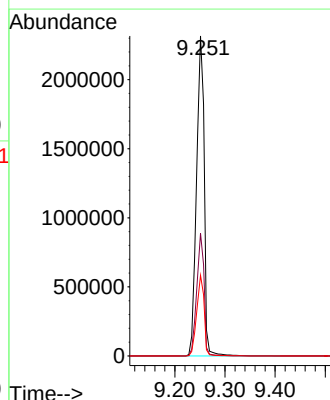
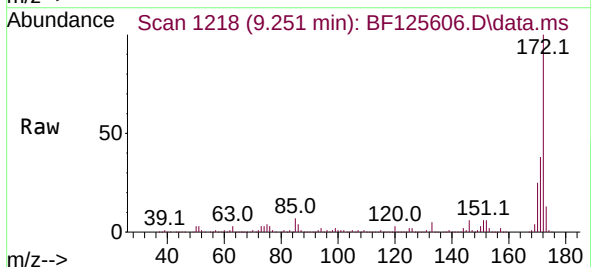
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

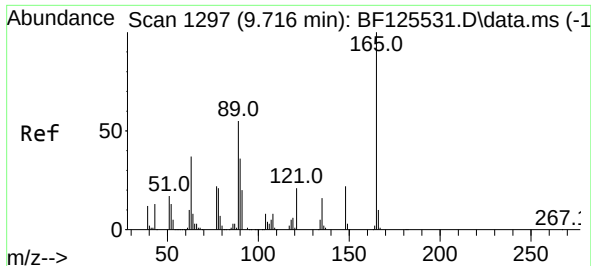
Tgt Ion: 330 Resp: 645295
Ion Ratio Lower Upper
330 100
332 93.9 76.2 114.4
141 31.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 91.255 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion: 172 Resp: 2453118
Ion Ratio Lower Upper
172 100
171 38.4 26.5 39.7
170 25.2 18.8 28.2

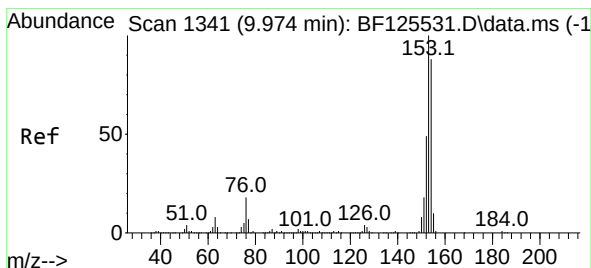
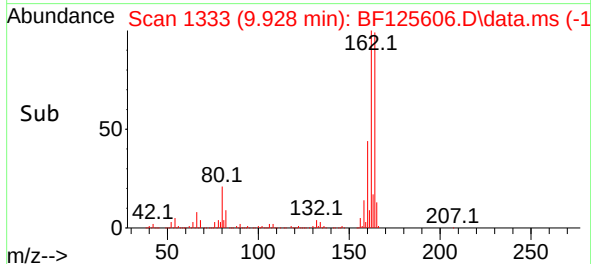
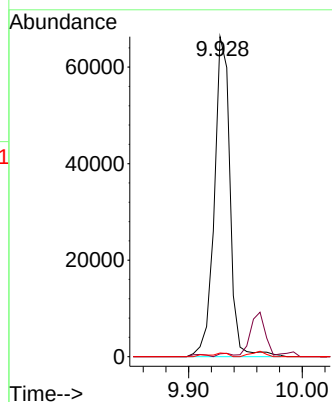
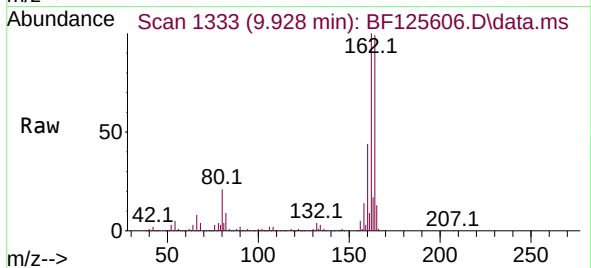




#51
2,6-Dinitrotoluene
Concen: 9.470 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

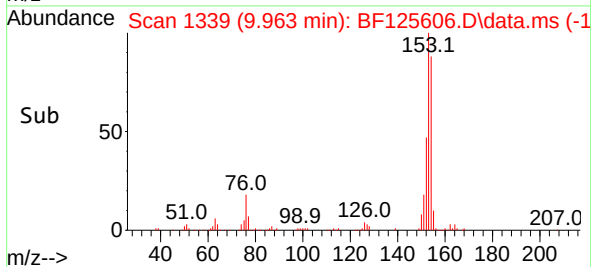
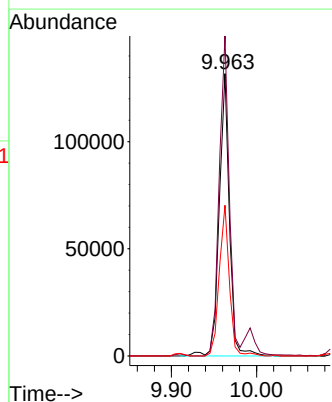
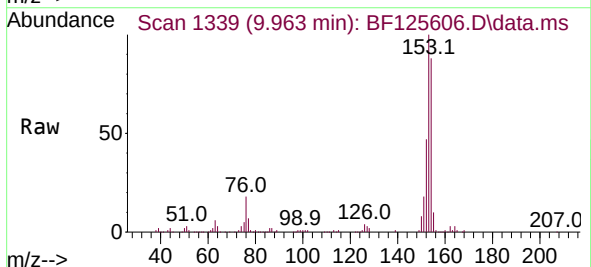
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

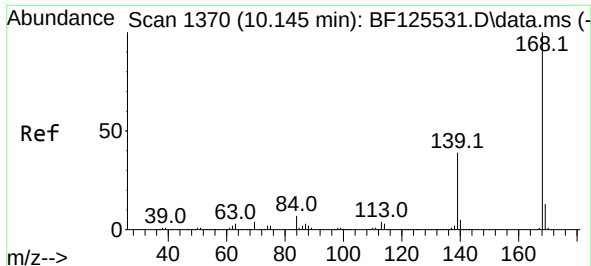
Tgt Ion:165 Resp: 63687
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.2 40.6 60.8#



#52
Acenaphthene
Concen: 3.816 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.012 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:154 Resp: 108822
Ion Ratio Lower Upper
154 100
153 113.3 89.4 134.2
152 53.4 40.5 60.7

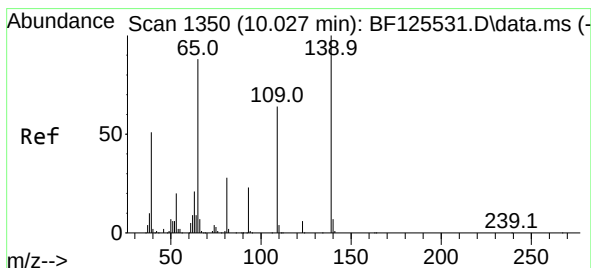
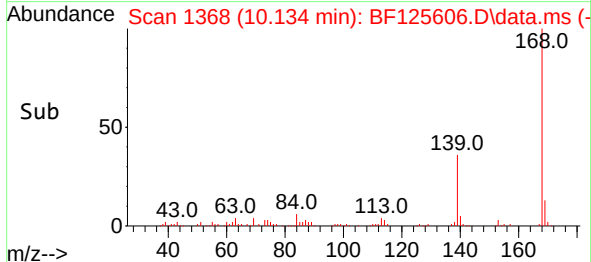
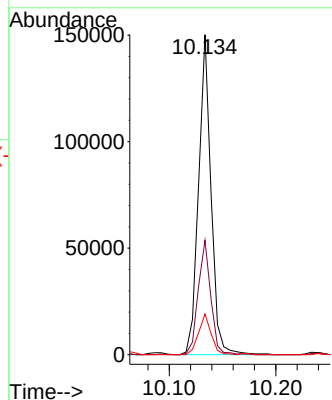
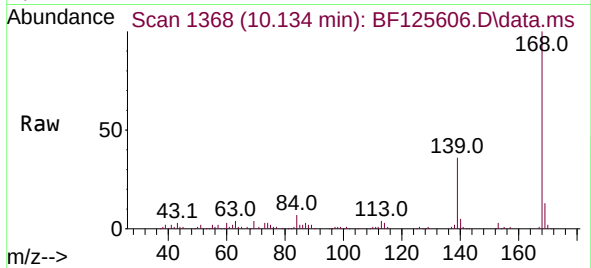




#55
Dibenzofuran
Concen: 2.898 ng
RT: 10.134 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

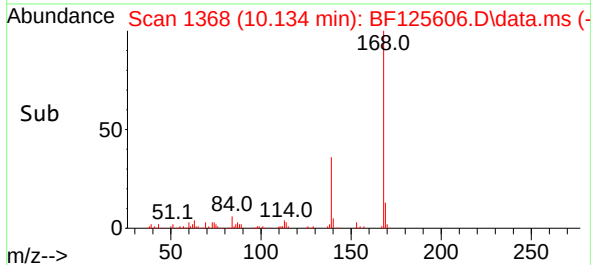
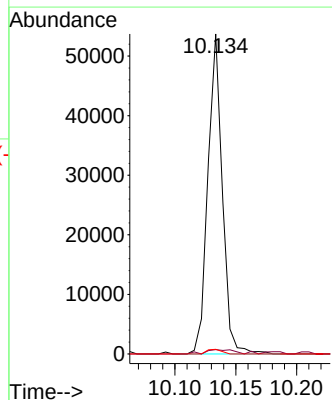
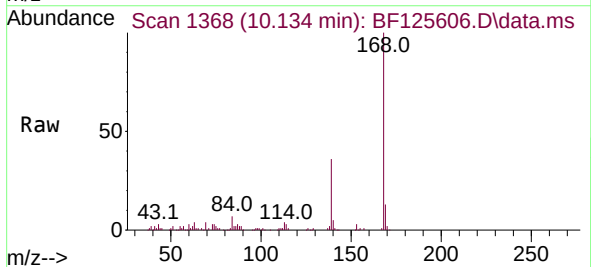
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

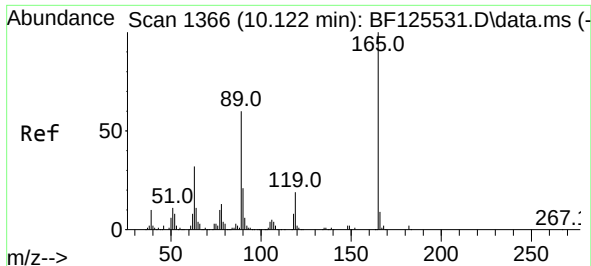
Tgt Ion:168 Resp: 122623
Ion Ratio Lower Upper
168 100
139 35.8 32.7 49.1
169 12.7 11.2 16.8



#56
4-Nitrophenol
Concen: 7.650 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.106 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:139 Resp: 44321
Ion Ratio Lower Upper
139 100
109 1.4 60.4 100.4#
65 1.4 58.4 98.4#

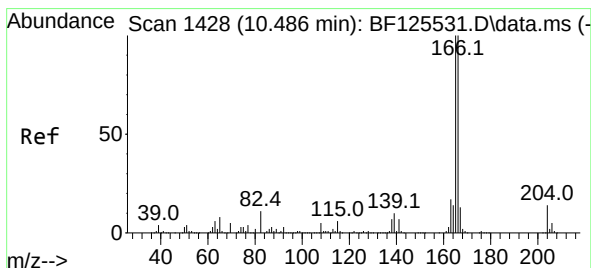
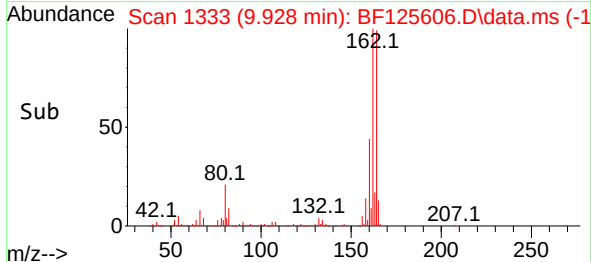
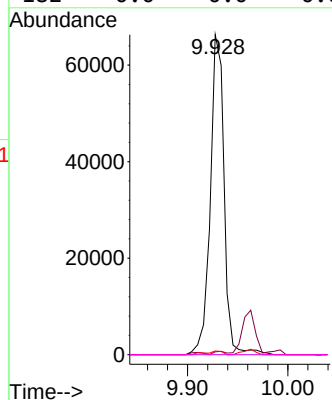
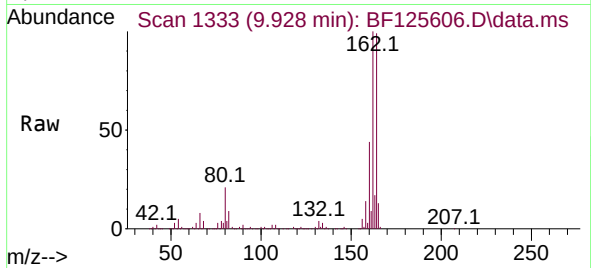




#57
2,4-Dinitrotoluene
Concen: 7.901 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

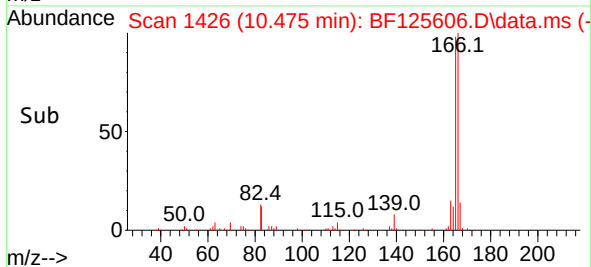
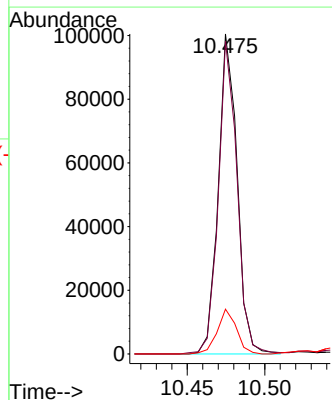
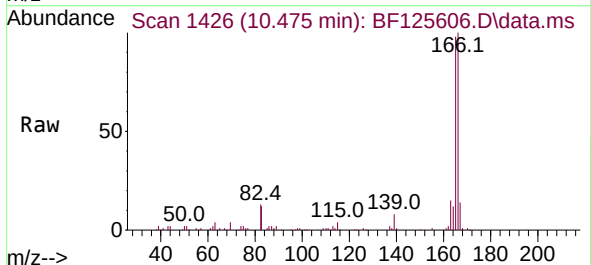
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

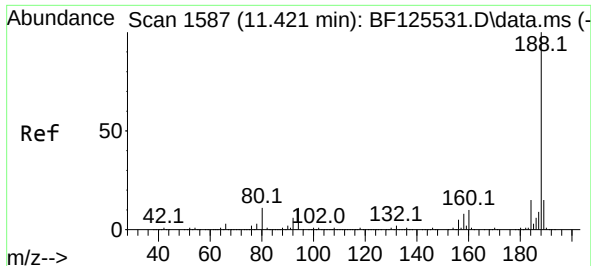
Tgt Ion:165 Resp: 63678
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: 2.612 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:166 Resp: 85005
Ion Ratio Lower Upper
166 100
165 97.7 78.1 117.1
167 14.0 11.1 16.7

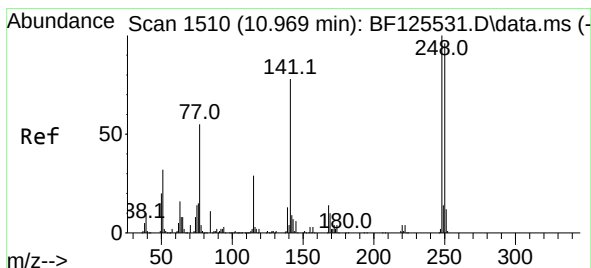
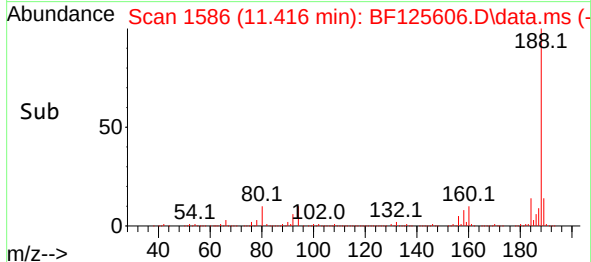
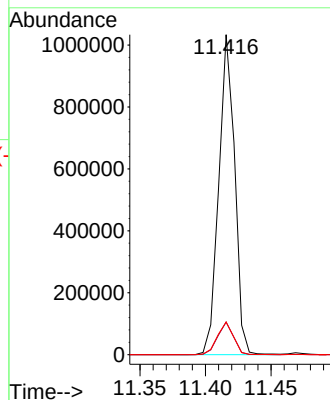
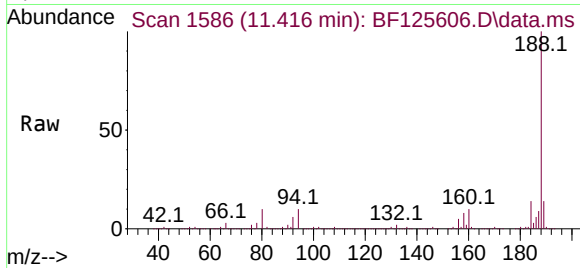




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

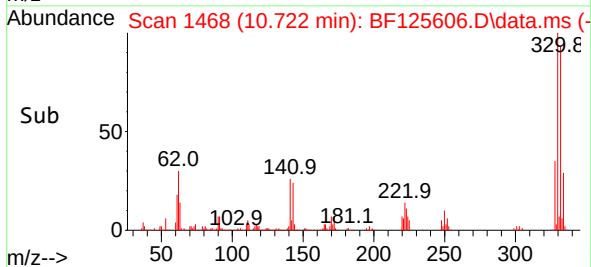
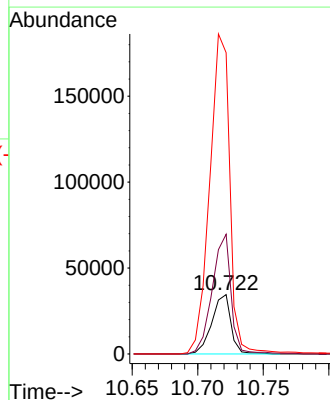
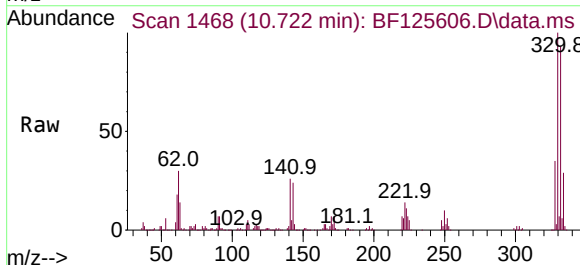
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

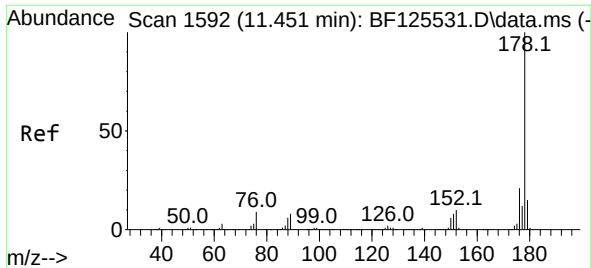
Tgt Ion:188 Resp: 870823
Ion Ratio Lower Upper
188 100
94 10.2 6.7 10.1#
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.519 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:248 Resp: 35022
Ion Ratio Lower Upper
248 100
250 201.5 74.2 111.4#
141 507.5 60.4 90.6#

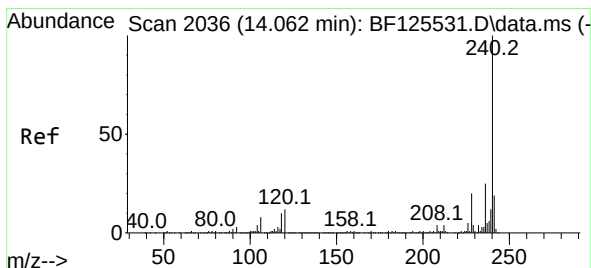
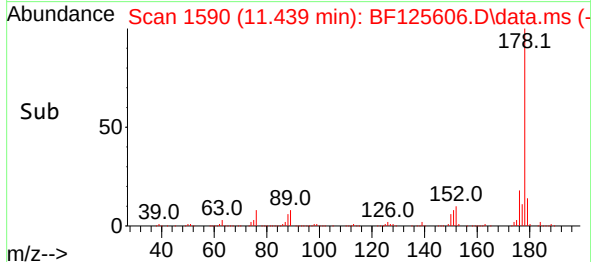
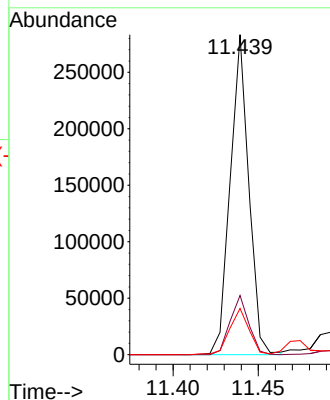
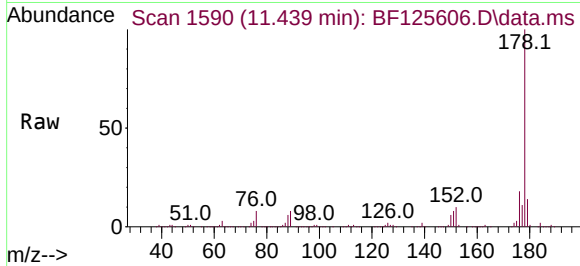




#71
Phenanthrene
Concen: 4.389 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

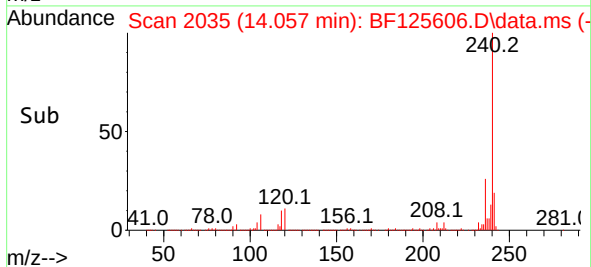
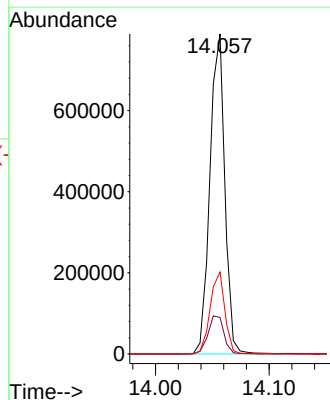
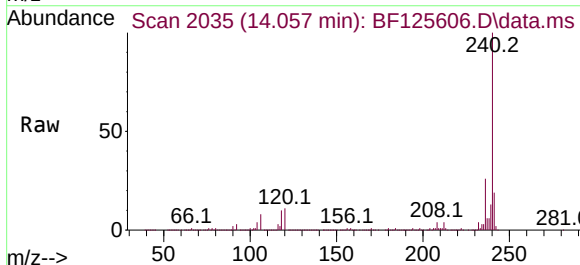
Instrument :
BNA_F
ClientSampleId :
WALL-BRICK-FLOOR

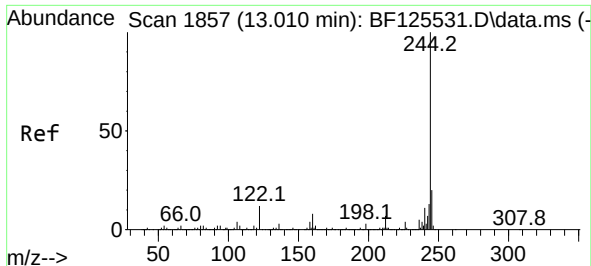
Tgt Ion:178 Resp: 214673
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.5 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125606.D
Acq: 23 Sep 2021 22:55

Tgt Ion:240 Resp: 718295
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.6 21.6 32.4

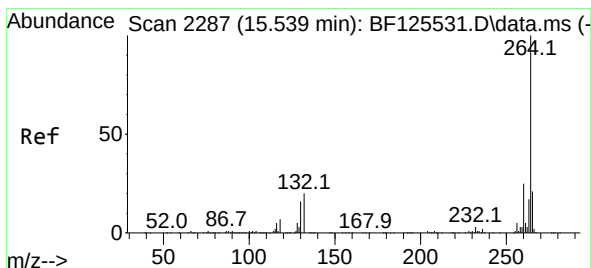
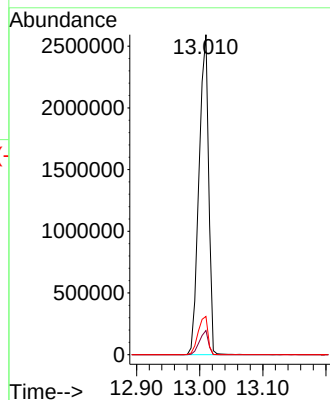
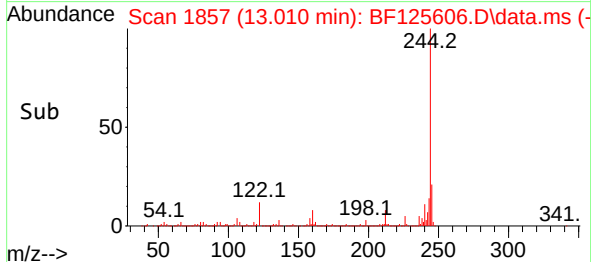
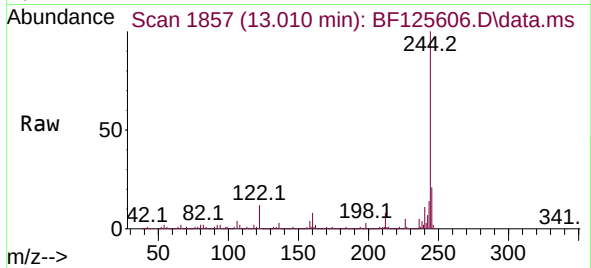




#79
 Terphenyl-d14
 Concen: 61.528 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: BF125606.D
 Acq: 23 Sep 2021 22:55

Instrument :
 BNA_F
 ClientSampleId :
 WALL-BRICK-FLOOR

Tgt Ion:244 Resp: 2736862
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.9 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: BF125606.D
 Acq: 23 Sep 2021 22:55

Tgt Ion:264 Resp: 626844
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.5 17.2 25.8

