

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114859.D
 Acq On : 6 Jun 2019 13:29
 Operator : HP/JU
 Sample : K3184-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JERSEY-BARRIERS

Quant Time: Jun 07 00:00:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

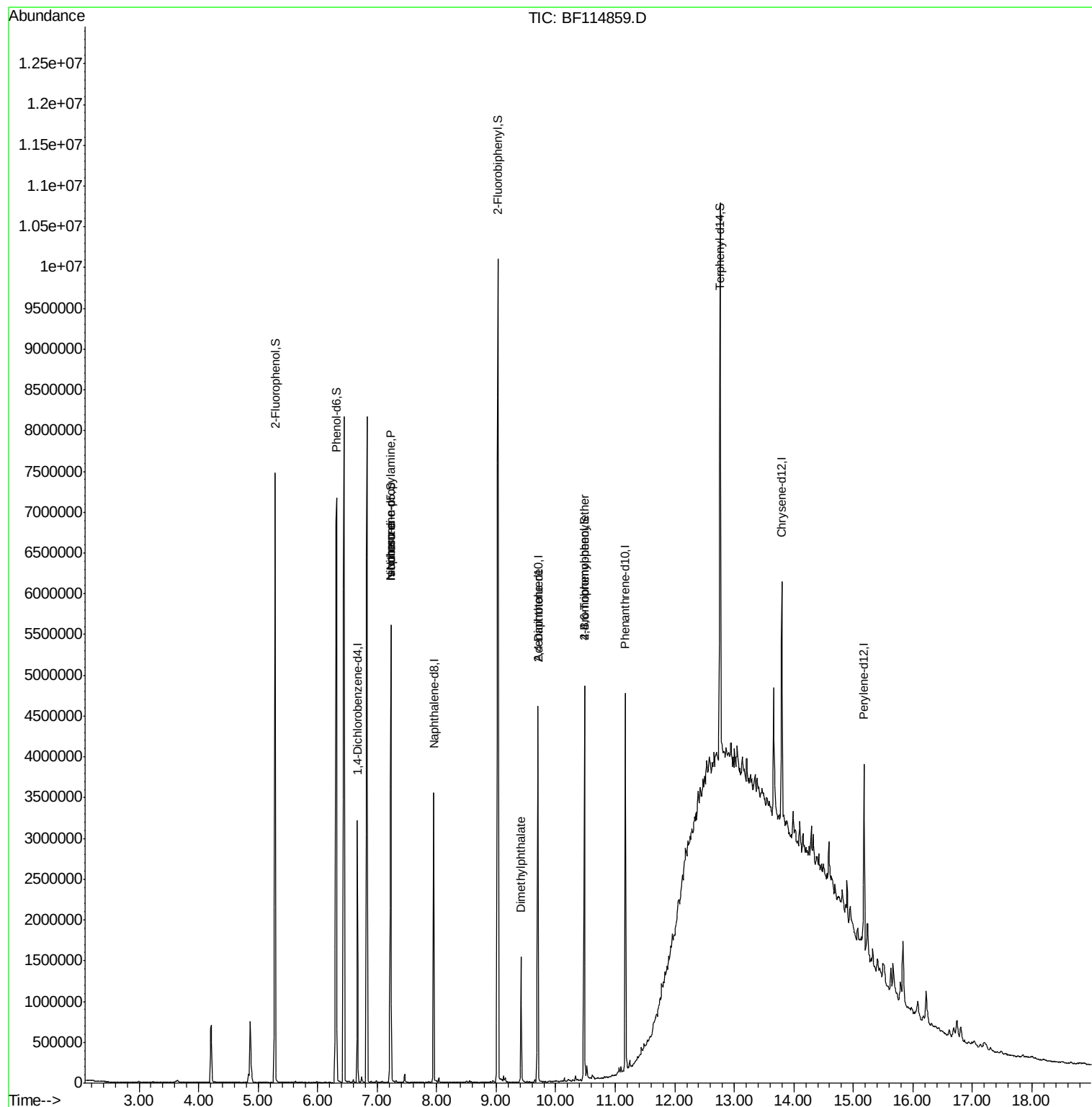
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	468428	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1851951	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	926117	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1693937	20.00	ng	0.00
76) Chrysene-d12	13.80	240	1051269	20.00	ng	0.00
87) Perylene-d12	15.18	264	978669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2578014	96.17	ng	0.02
7) Phenol-d6	6.32	99	3312499	101.55	ng	0.01
23) Nitrobenzene-d5	7.23	82	2229447	74.11	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	658613	65.99	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3937628	79.65	ng	0.00
79) Terphenyl-d14	12.76	244	3500972	64.77	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	303991	14.078	ng	# 76
25) Isophorone	7.23	82	2090418	35.148	ng	# 61
50) Dimethylphthalate	9.42	163	617893	9.135	ng	99
57) 2,4-Dinitrotoluene	9.70	165	122829	6.142	ng	# 32
58) Fluorene	10.24	166	3490	Below Cal		# 80
67) 4-Bromophenyl-phenylether	10.48	248	42355	2.202	ng	# 1

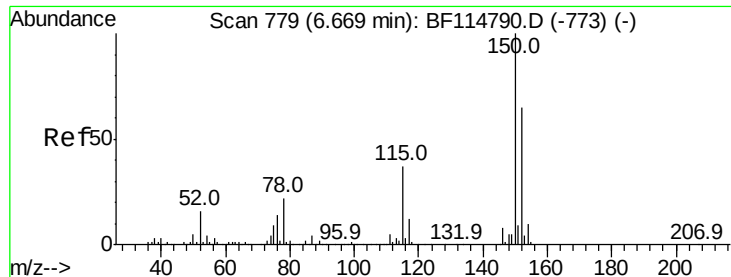
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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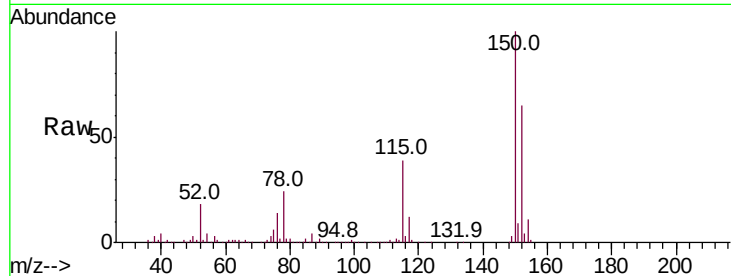


#1

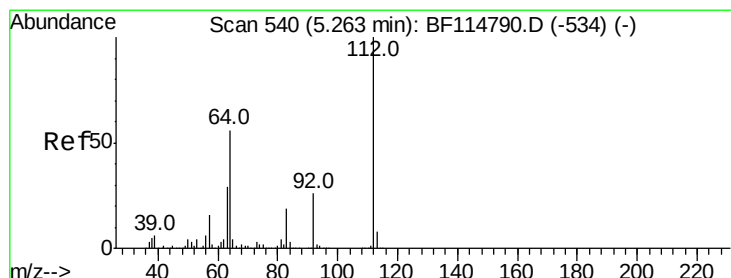
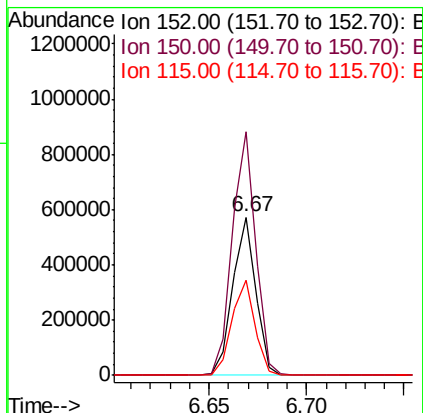
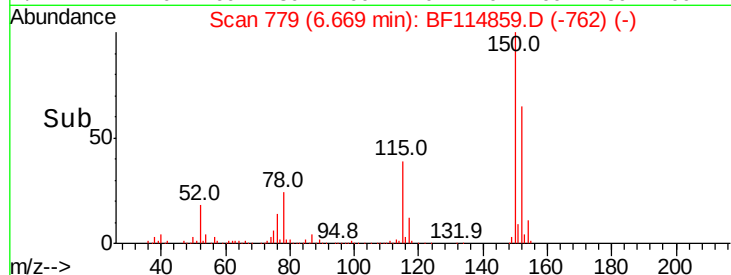
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114859.D
Acq: 6 Jun 2019 13:29

Instrument :
BNA_F
ClientSampleId :
JERSEY-BARRIERS

Tot Ion:152 Resp: 468428
Ion Ratio Lower Upper
152 100
150 153.8 124.0 186.0
115 59.9 46.3 69.5



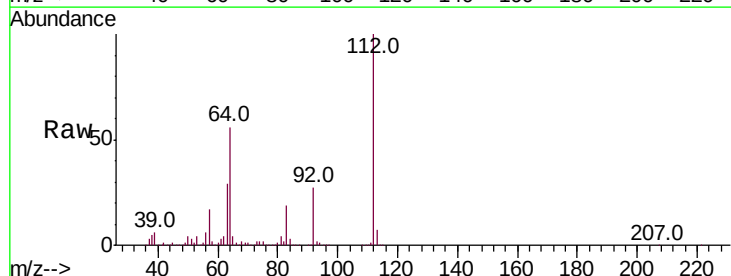
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



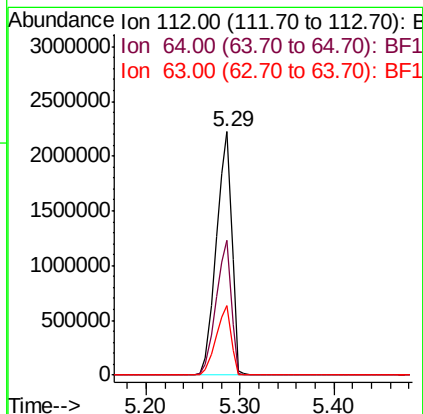
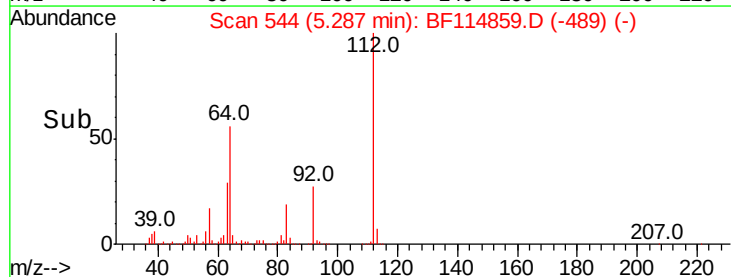
#5

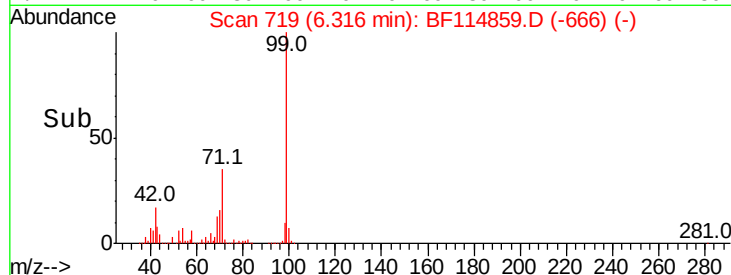
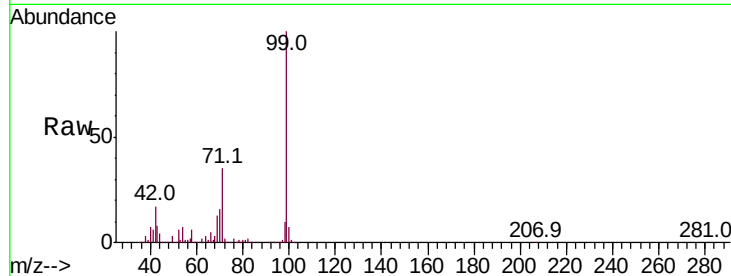
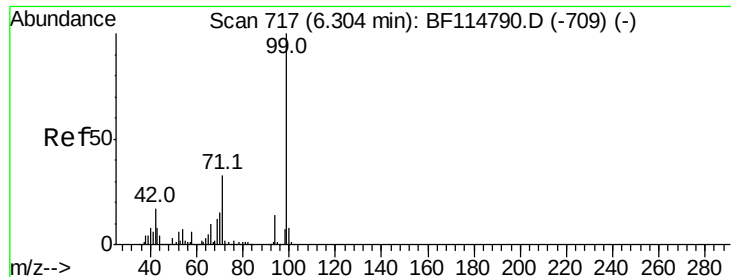
2-Fluorophenol
Concen: 96.166 ng
RT: 5.29 min Scan# 544
Delta R.T. 0.02 min
Lab File: BF114859.D
Acq: 6 Jun 2019 13:29

Tgt Ion:112 Resp: 2578014
Ion Ratio Lower Upper
112 100
64 55.5 44.6 66.8
63 28.6 23.0 34.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.548 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Instrument :

BNA_F

ClientSampleId :

JERSEY-BARRIERS

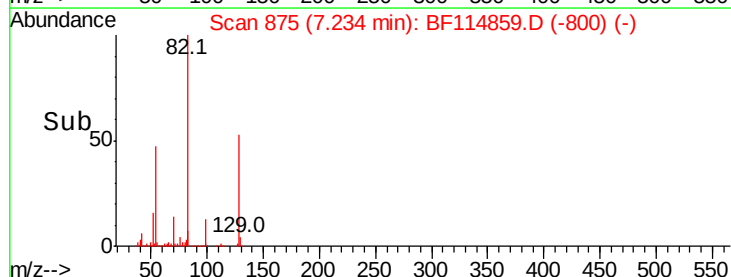
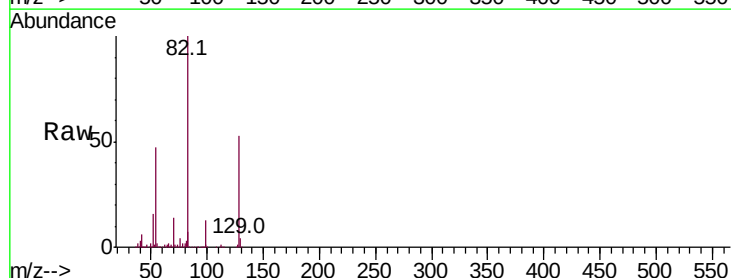
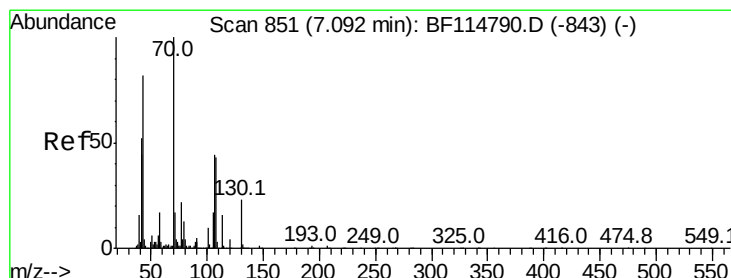
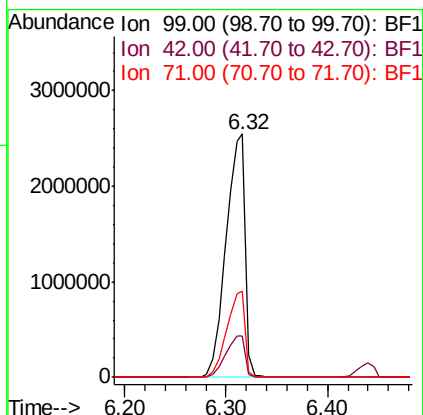
Tot Ion: 99 Resp: 3312499

Ion Ratio Lower Upper

99 100

42 16.9 13.3 19.9

71 35.2 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 14.078 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Tgt Ion: 70 Resp: 303991

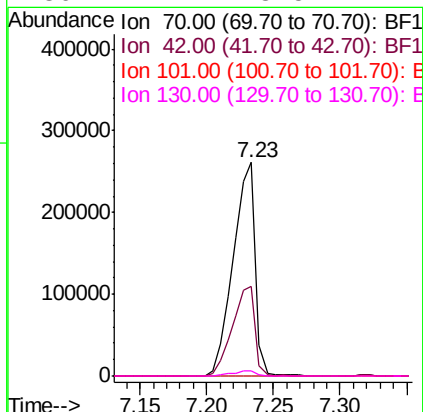
Ion Ratio Lower Upper

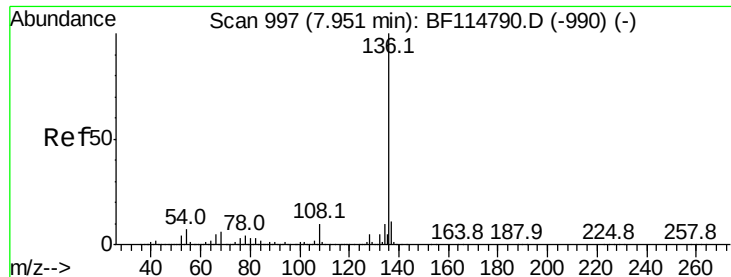
70 100

42 41.8 41.8 62.8

101 0.0 8.2 12.4#

130 2.4 18.5 27.7#

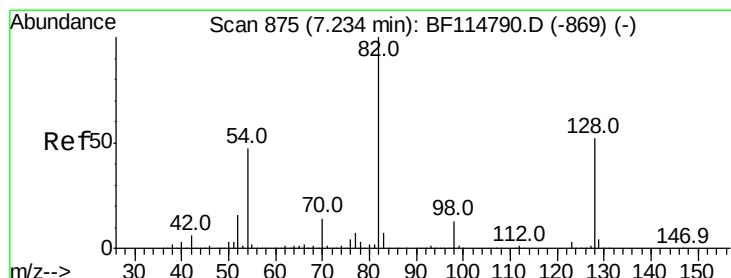
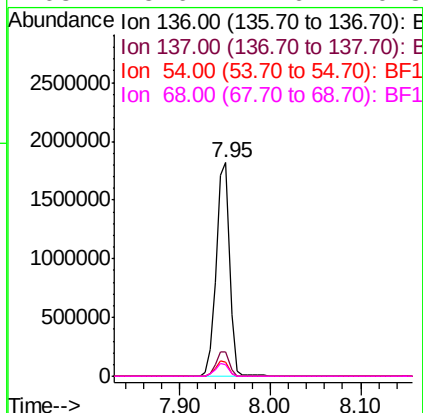
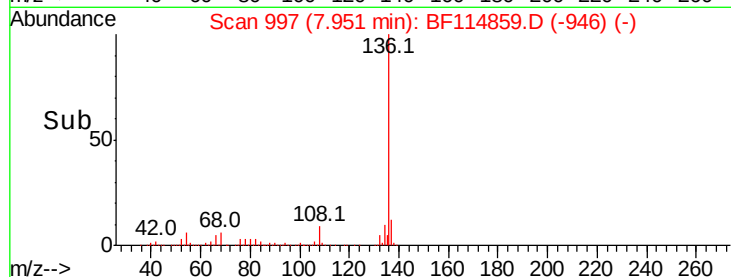
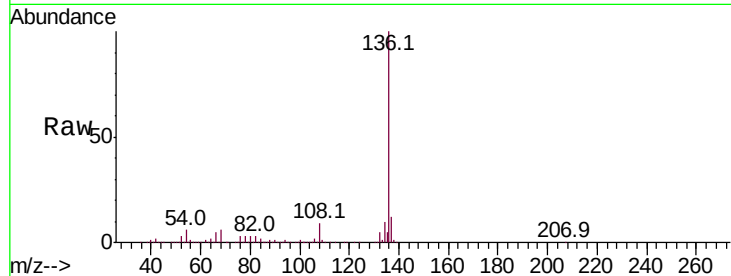




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114859.D
Acq: 6 Jun 2019 13:29

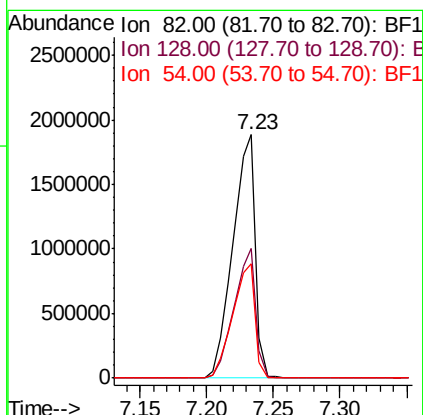
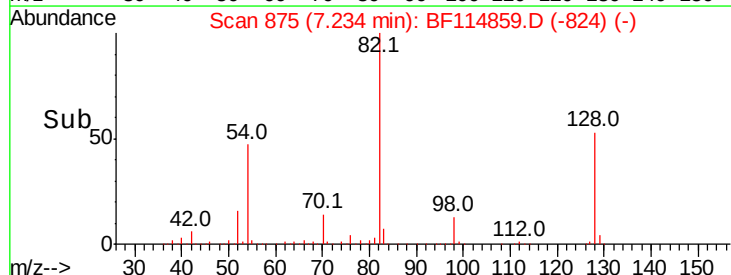
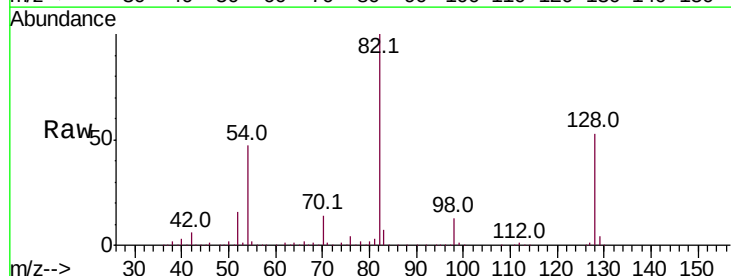
Instrument :
BNA_F
ClientSampleId :
JERSEY-BARRIERS

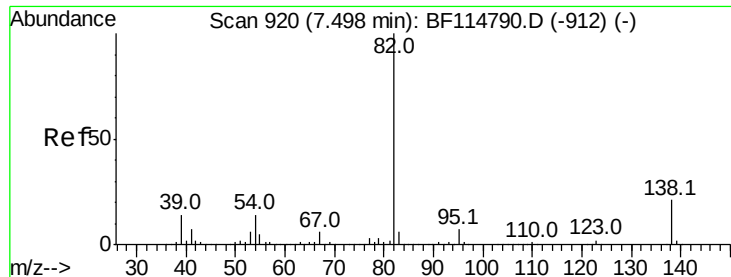
Tot Ion:136	Resp: 1851951
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 6.4	5.4 8.0
68 5.6	4.6 6.8



#23
Nitrobenzene-d5
Concen: 74.106 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114859.D
Acq: 6 Jun 2019 13:29

Tgt Ion: 82	Resp: 2229447
Ion Ratio	Lower Upper
82 100	
128 53.4	41.8 62.6
54 46.7	37.9 56.9





#25

Isophorone

Concen: 35.148 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Instrument :

BNA_F

ClientSampleId :

JERSEY-BARRIERS

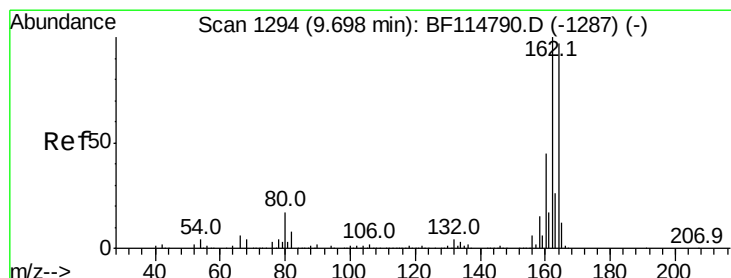
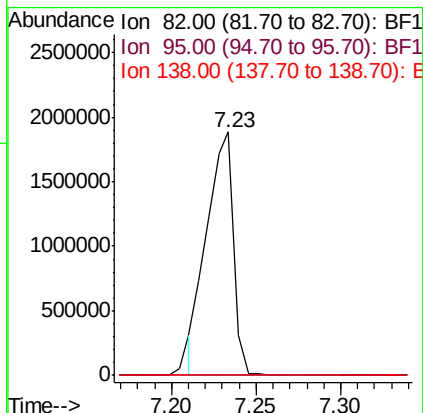
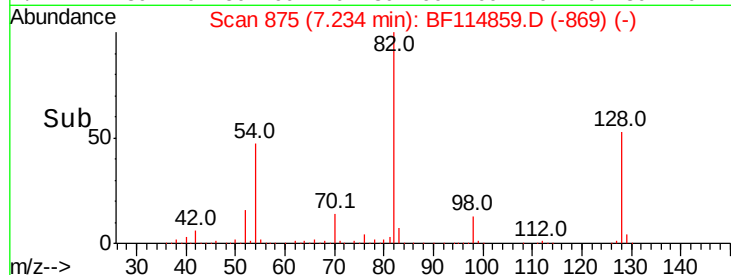
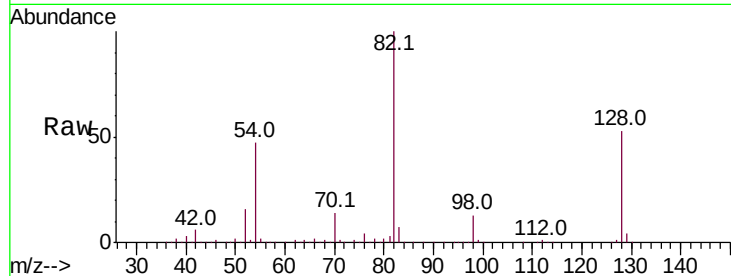
Tot Ion: 82 Resp: 2090418

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 16.9 25.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

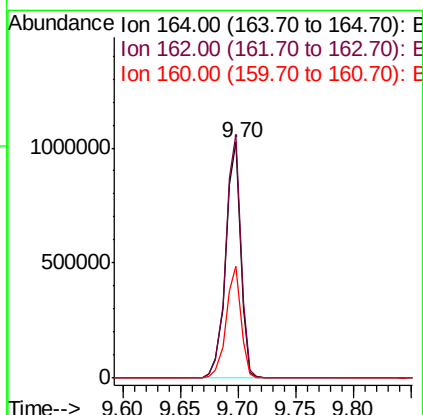
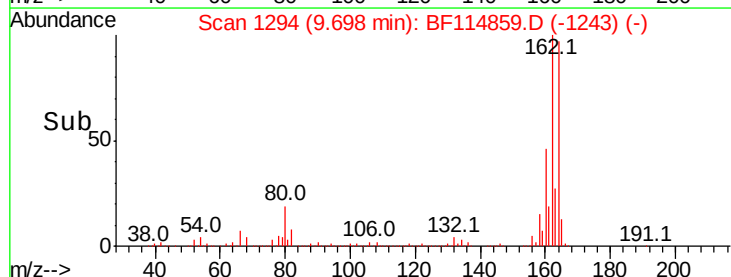
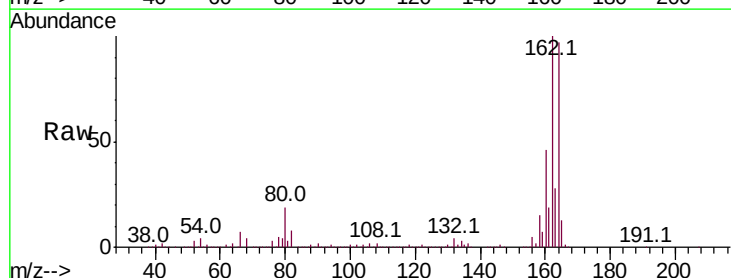
Tgt Ion:164 Resp: 926117

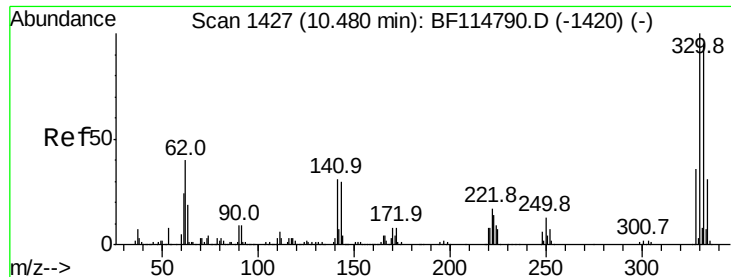
Ion Ratio Lower Upper

164 100

162 103.3 82.3 123.5

160 47.1 36.7 55.1

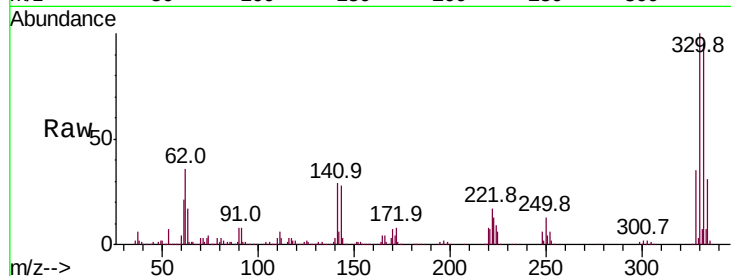




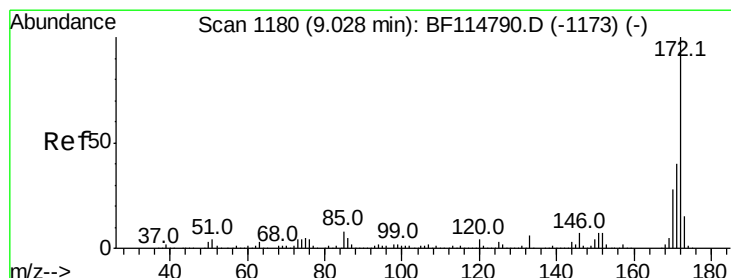
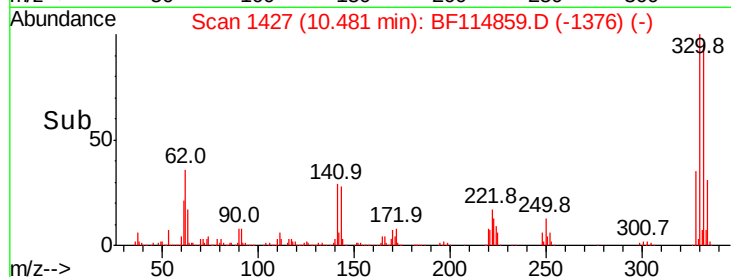
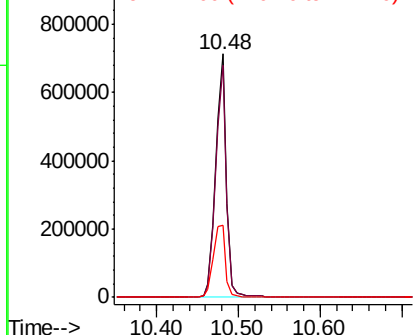
#42
 2,4,6-Tribromophenol
 Concen: 65.991 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF114859.D
 Acq: 6 Jun 2019 13:29

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 658613
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 33.5 26.2 39.4

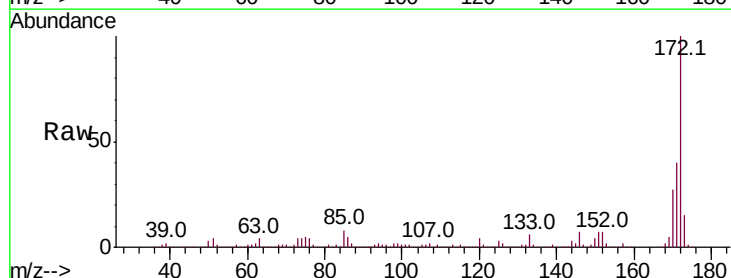


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

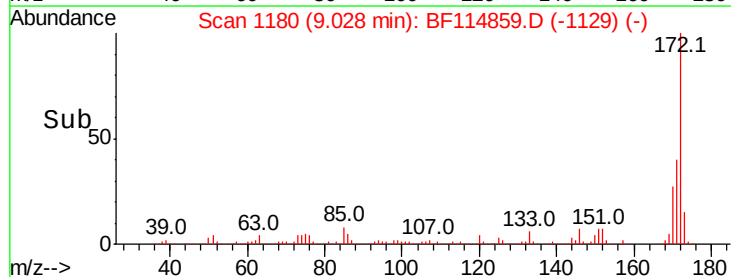
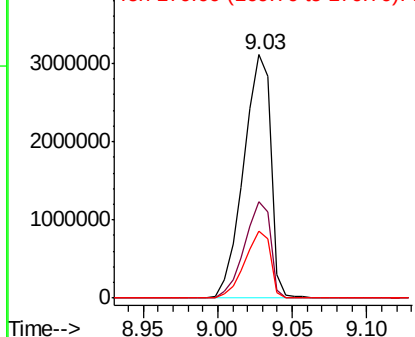


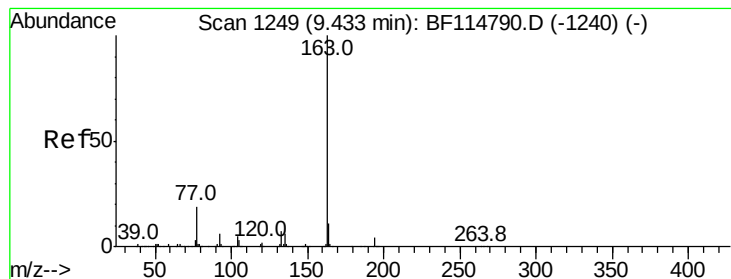
#45
 2-Fluorobiphenyl
 Concen: 79.647 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114859.D
 Acq: 6 Jun 2019 13:29

Tgt Ion:172 Resp: 3937628
 Ion Ratio Lower Upper
 172 100
 171 39.5 32.3 48.5
 170 27.3 22.4 33.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.135 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Instrument :

BNA_F

ClientSampleId :

JERSEY-BARRIERS

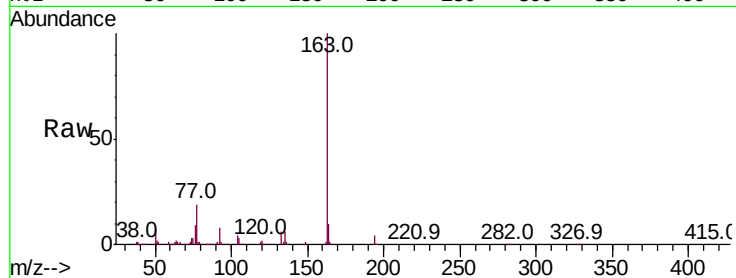
Tot Ion:163 Resp: 617893

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

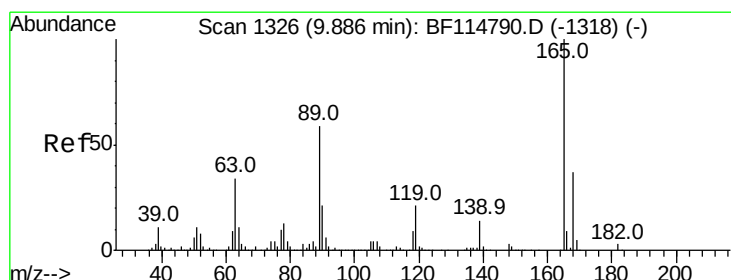
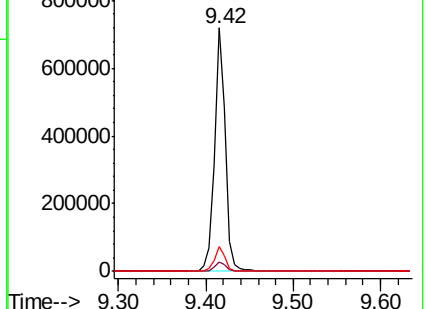
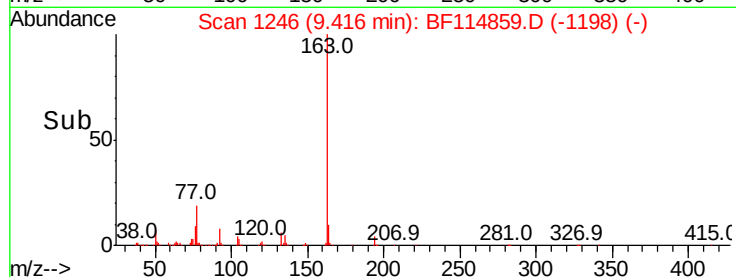
164 10.4 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.142 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.19 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Tgt Ion:165 Resp: 122829

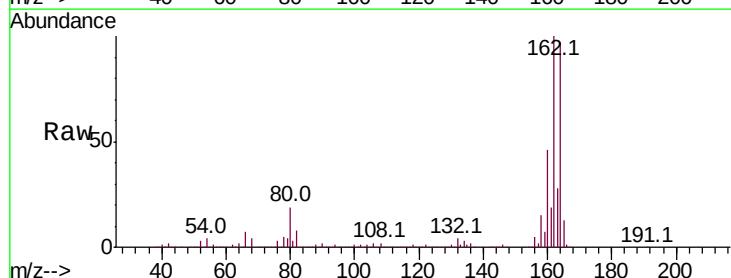
Ion Ratio Lower Upper

165 100

63 1.0 27.0 40.4#

89 1.2 47.0 70.6#

182 0.0 2.2 3.2#

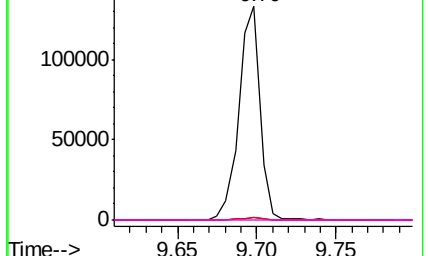
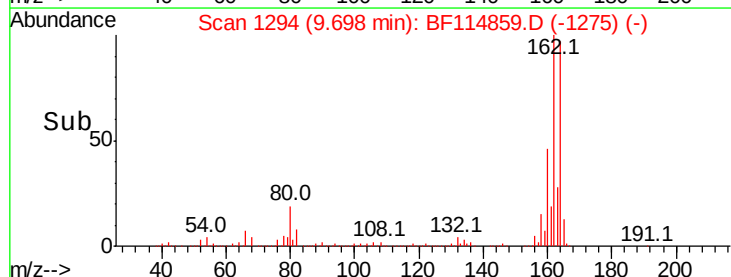


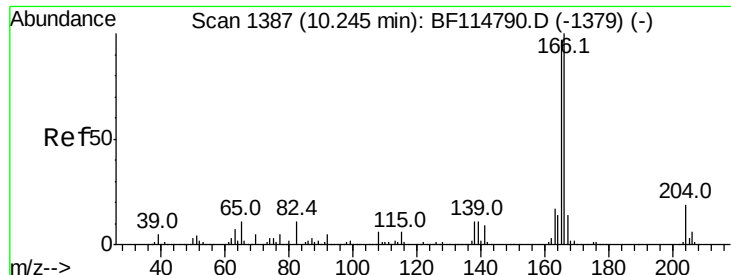
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: Below Cal

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Instrument :

BNA_F

ClientSampleId :

JERSEY-BARRIERS

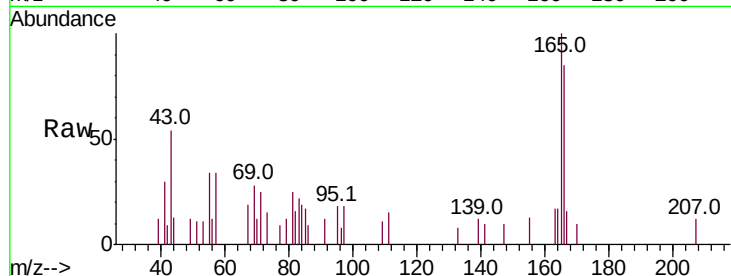
Tot Ion:166 Resp: 3490

Ion Ratio Lower Upper

166 100

165 118.2 77.9 116.9#

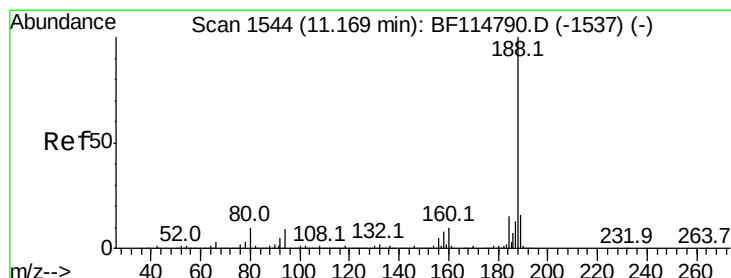
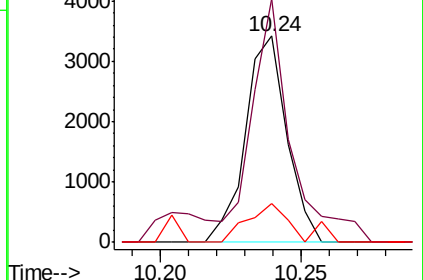
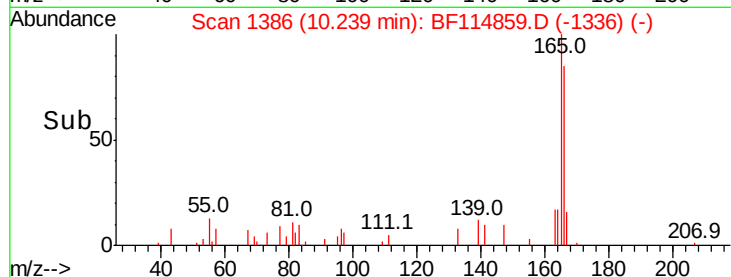
167 18.8 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

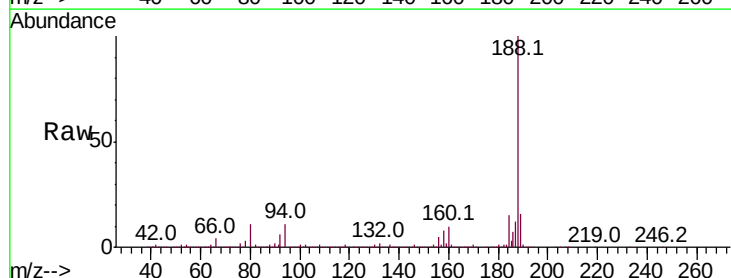
Tgt Ion:188 Resp: 1693937

Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

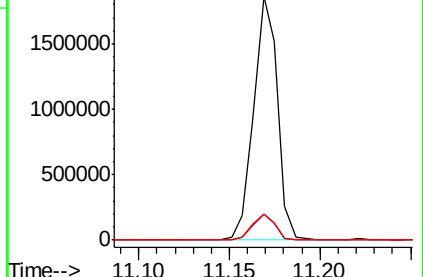
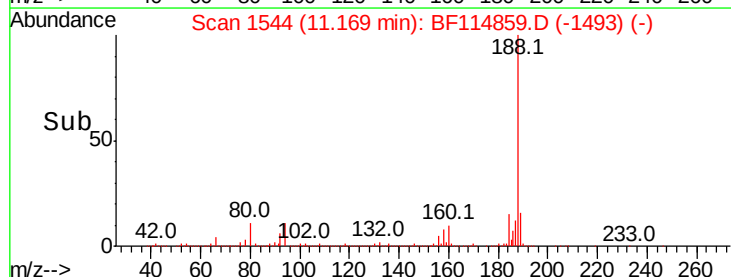
80 10.9 8.3 12.5

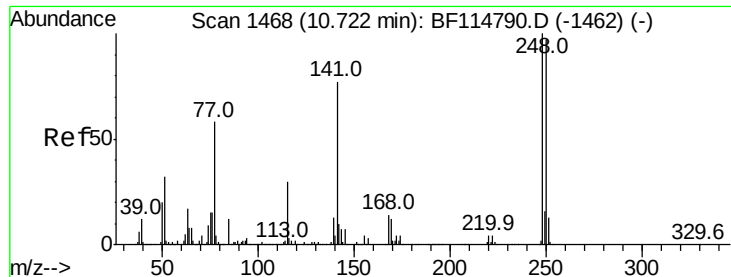


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#67

4-Bromophenyl-phenylether

Concen: 2.202 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.24 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Instrument :

BNA_F

ClientSampleId :

JERSEY-BARRIERS

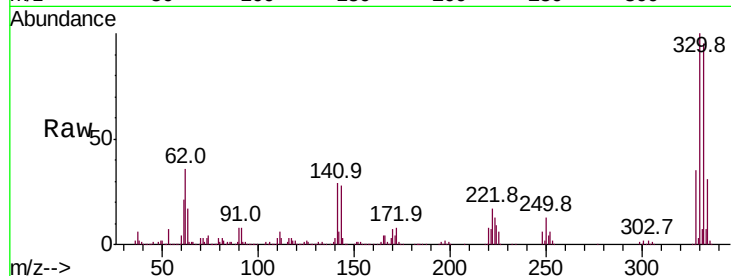
Tot Ion:248 Resp: 42355

Ion Ratio Lower Upper

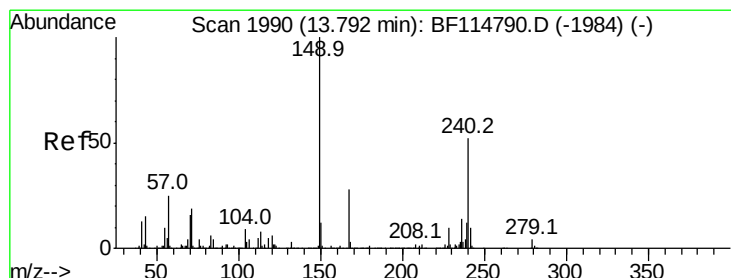
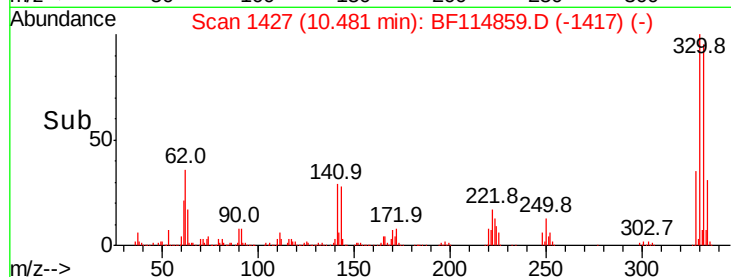
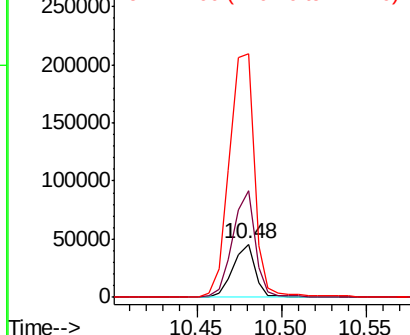
248 100

250 200.8 77.5 116.3#

141 459.3 61.8 92.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

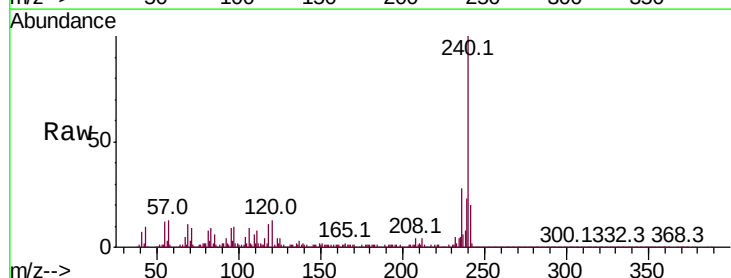
Tgt Ion:240 Resp: 1051269

Ion Ratio Lower Upper

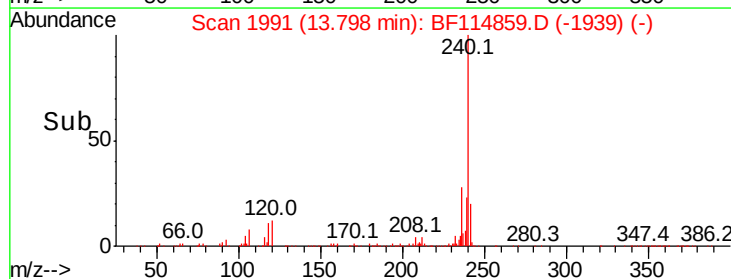
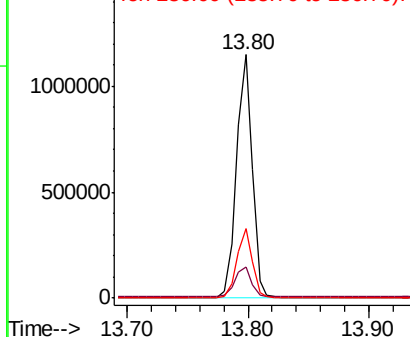
240 100

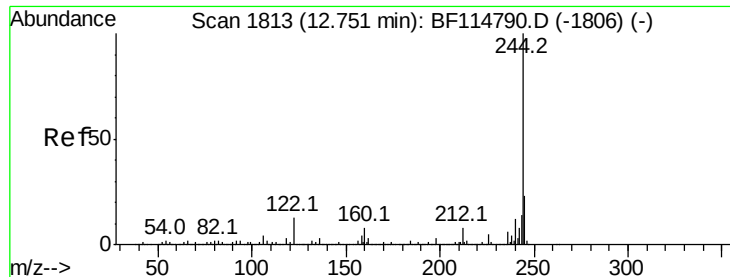
120 12.8 9.0 13.4

236 28.4 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 64.765 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

Instrument :

BNA_F

ClientSampleId :

JERSEY-BARRIERS

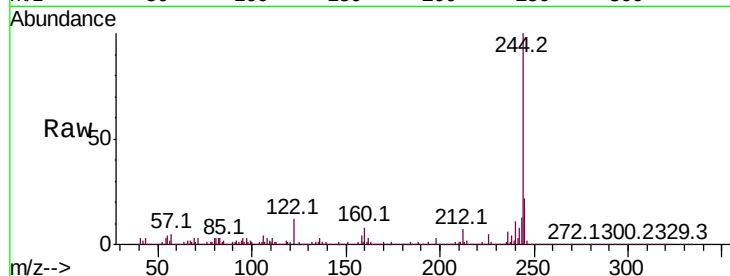
Tot Ion:244 Resp: 3500972

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

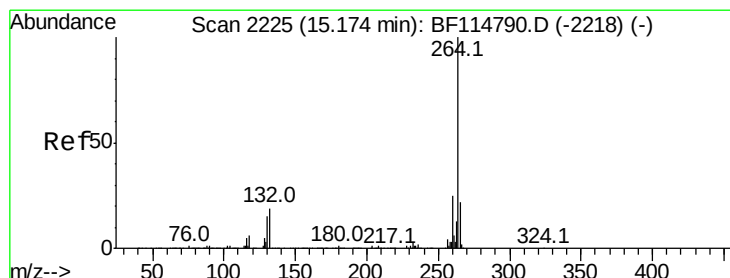
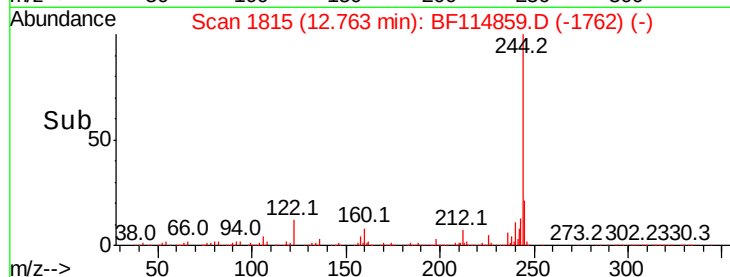
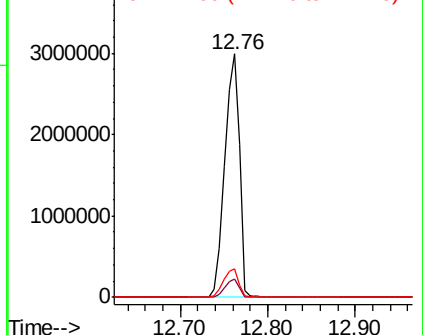
122 11.9 10.5 15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114859.D

Acq: 6 Jun 2019 13:29

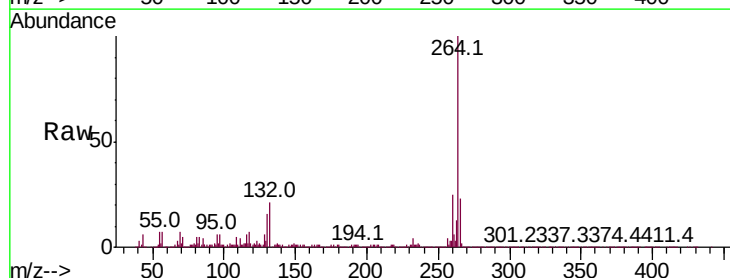
Tgt Ion:264 Resp: 978669

Ion Ratio Lower Upper

264 100

260 25.2 20.1 30.1

265 22.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

