

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112818\
 Data File : BF111050.D
 Acq On : 28 Nov 2018 17:24
 Operator : JU/SJ
 Sample : J6087-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-CONCRETE

Quant Time: Nov 29 01:28:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

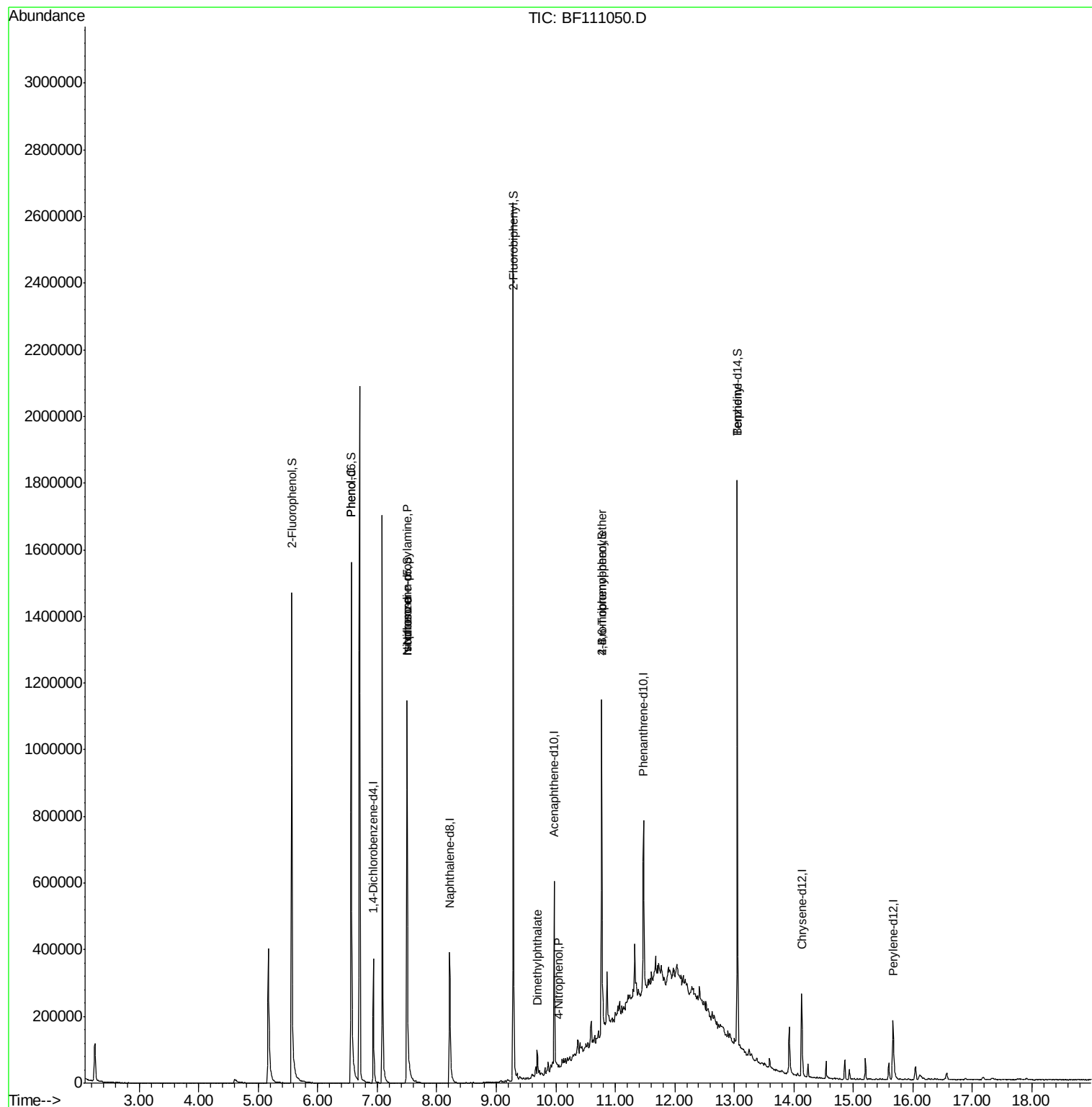
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	61759	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	255879	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	119304	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	199332	20.00	ng	0.00
76) Chrysene-d12	14.13	240	117633	20.00	ng	0.00
87) Perylene-d12	15.67	264	119291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	464471	124.72	ng	0.01
7) Phenol-d6	6.57	99	649114	133.75	ng	0.00
23) Nitrobenzene-d5	7.50	82	436844	97.71	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	134303	113.35	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	805075	97.76	ng	0.00
79) Terphenyl-d14	13.06	244	602418	99.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1030	Below Cal	Qvalue	# 1
10) Phenol	6.57	94	18857	3.450 ng	#	83
19) n-Nitroso-di-n-propylamine	7.50	70	58237	18.421 ng	#	79
25) Isophorone	7.50	82	436844	59.564 ng	#	67
50) Dimethylphthalate	9.69	163	37766	4.316 ng		100
56) 4-Nitrophenol	10.05	139	117	4.325 ng	#	1
67) 4-Bromophenyl-phenylether	10.77	248	8254	3.802 ng	#	1
77) Benzydine	13.05	184	8661	2.879 ng	#	97

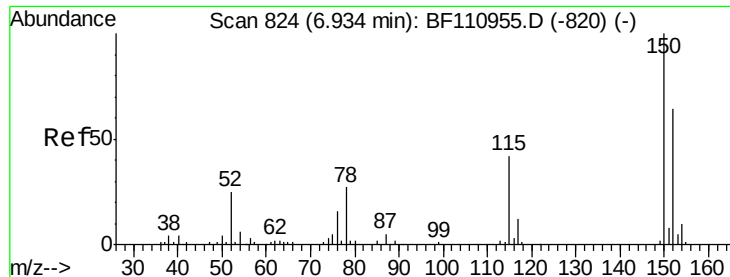
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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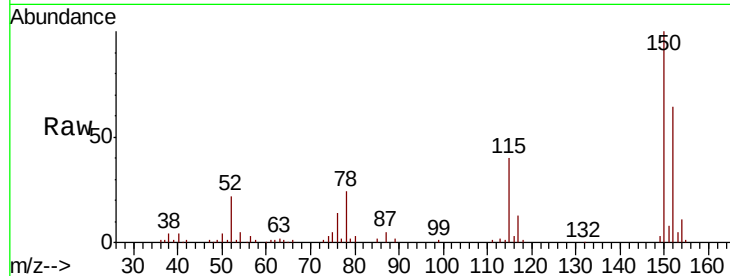


#1

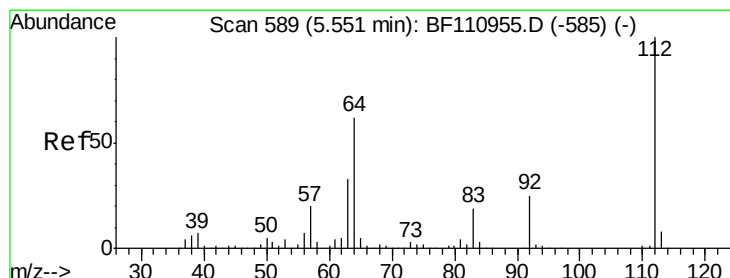
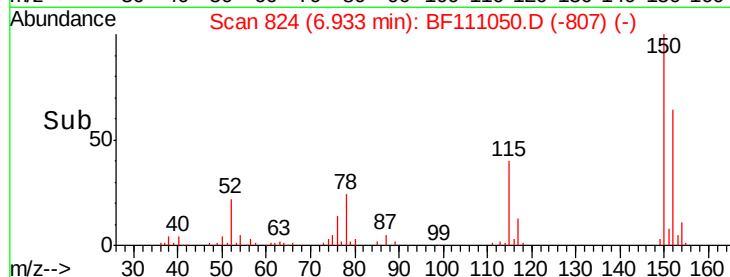
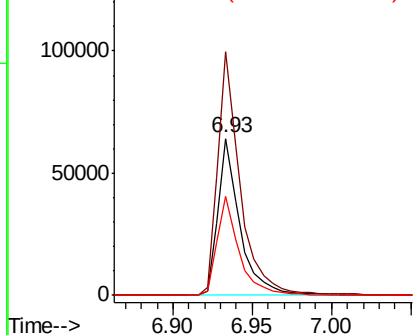
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Instrument :
BNA_F
ClientSampleId :
CS-CONCRETE

Tgt Ion:152 Resp: 61759
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 62.8 49.1 73.7



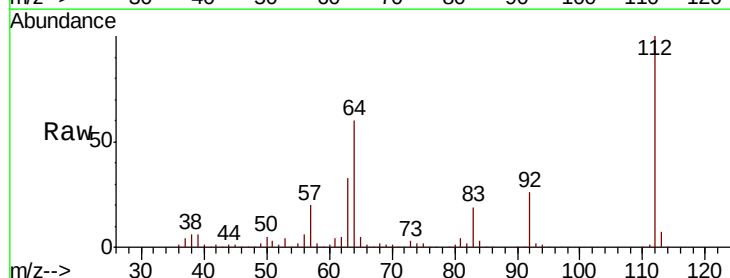
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



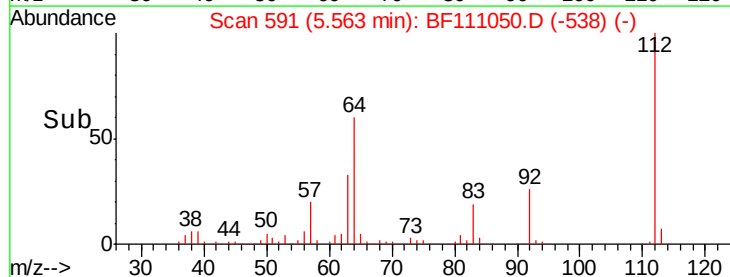
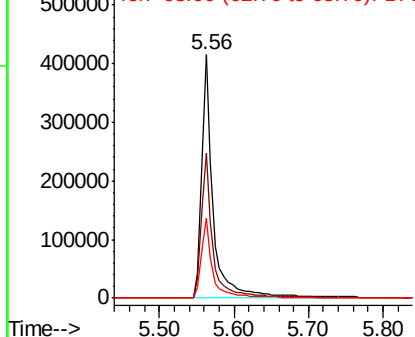
#5

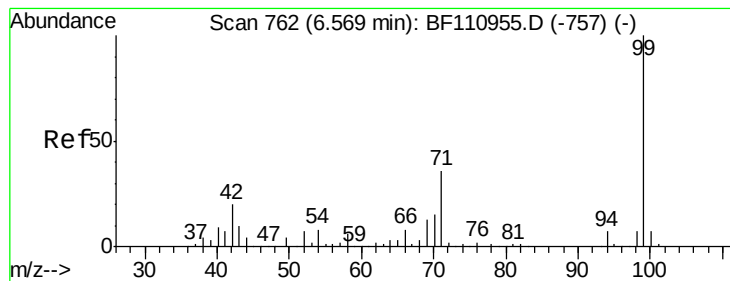
2-Fluorophenol
Concen: 124.717 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:112 Resp: 464471
Ion Ratio Lower Upper
112 100
64 59.8 44.1 66.1
63 32.5 23.7 35.5



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: 133.748 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

Instrument :

BNA_F

ClientSampleId :

CS-CONCRETE

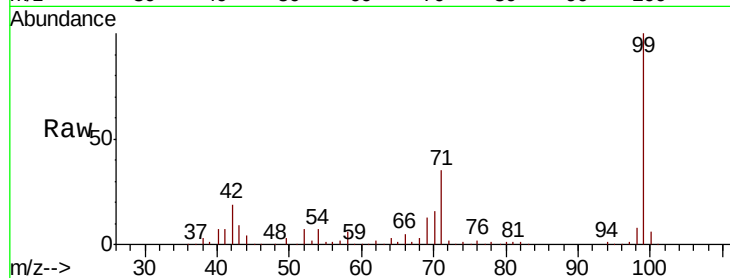
Tgt Ion: 99 Resp: 649114

Ion Ratio Lower Upper

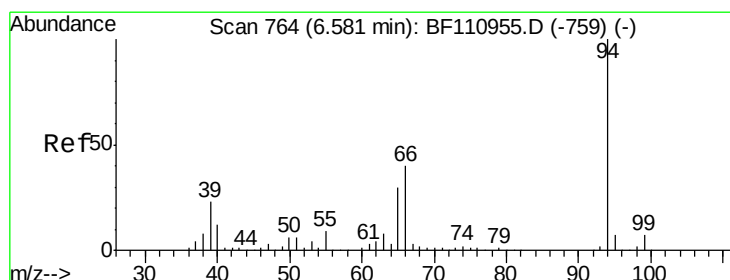
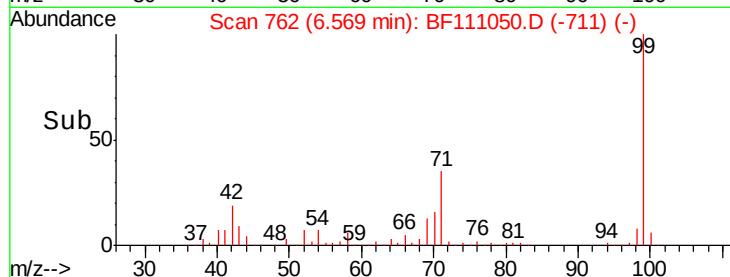
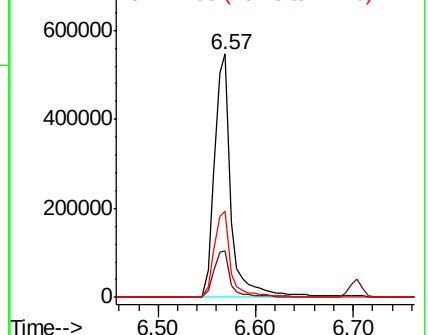
99 100

42 19.2 15.8 23.6

71 35.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.450 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

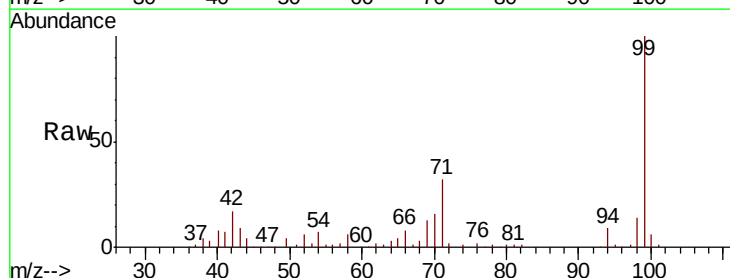
Tgt Ion: 94 Resp: 18857

Ion Ratio Lower Upper

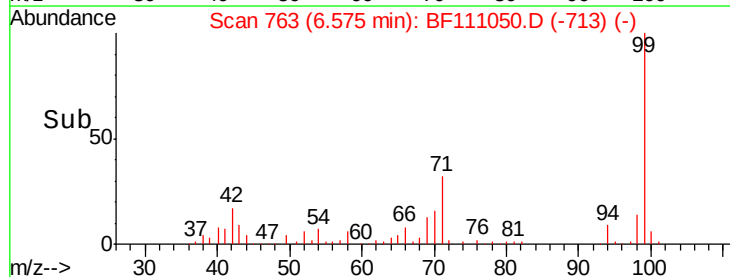
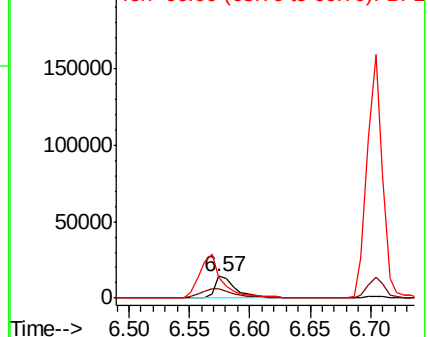
94 100

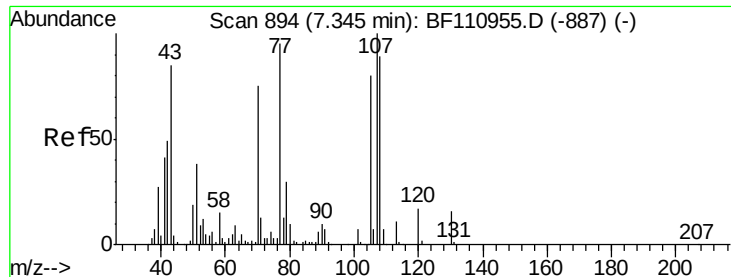
65 43.5 25.3 65.3

66 96.5 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

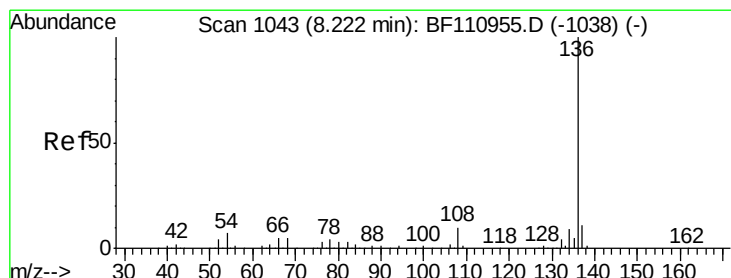
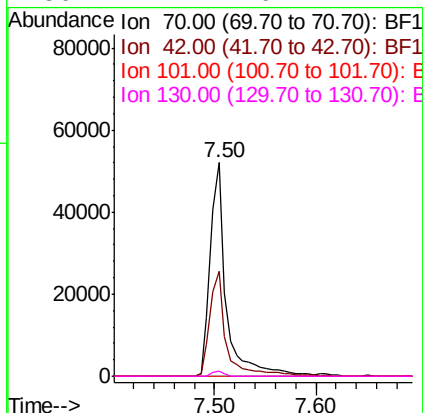
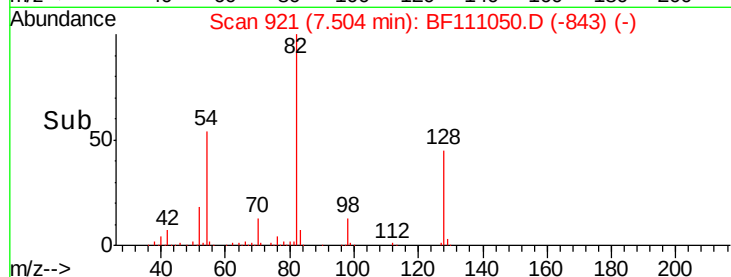
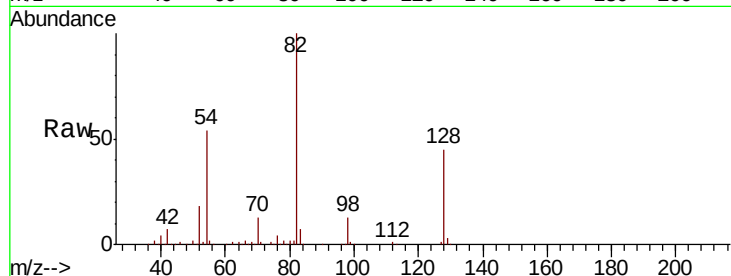




#19
n-Nitroso-di-n-propylamine
Concen: 18.421 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.16 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

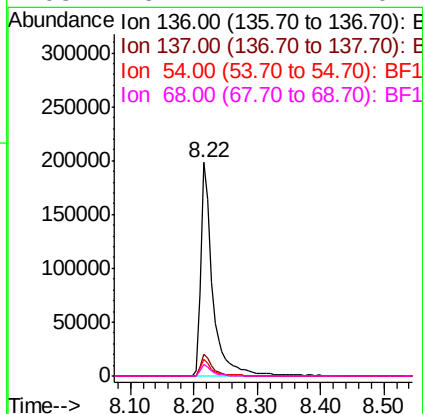
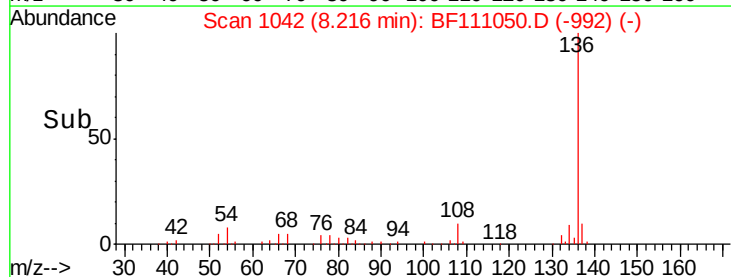
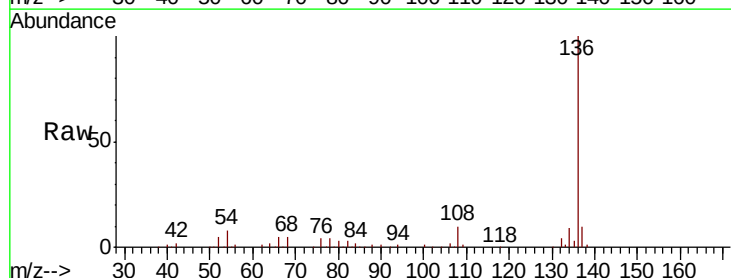
Instrument :
BNA_F
ClientSampleId :
CS-CONCRETE

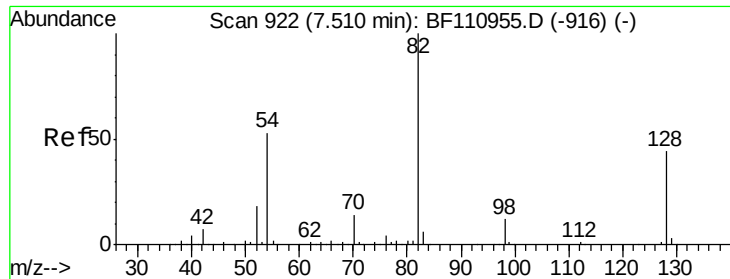
Tgt Ion: 70 Resp: 58237
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion: 136 Resp: 255879
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.0 5.4 8.2
68 5.2 4.2 6.2

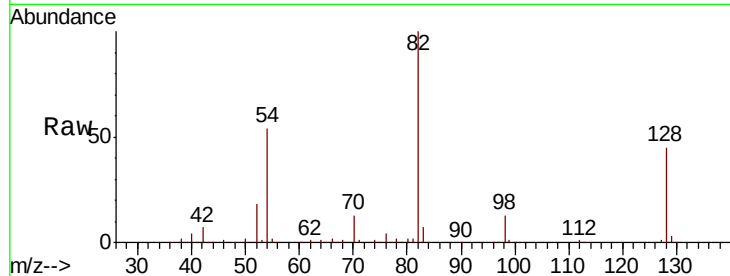




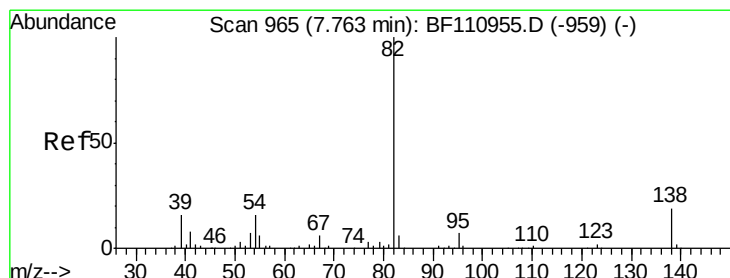
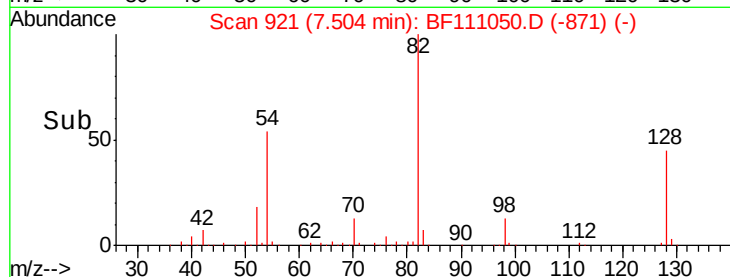
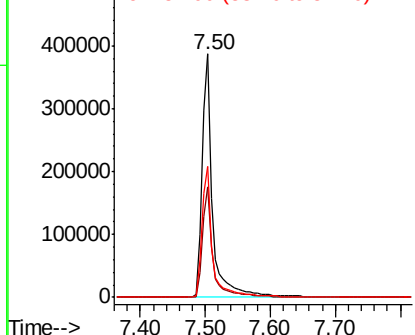
#23
 Nitrobenzene-d5
 Concen: 97.706 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111050.D
 Acq: 28 Nov 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 CS-CONCRETE

Tgt Ion: 82 Resp: 436844
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.2 51.2
 54 53.6 38.6 58.0

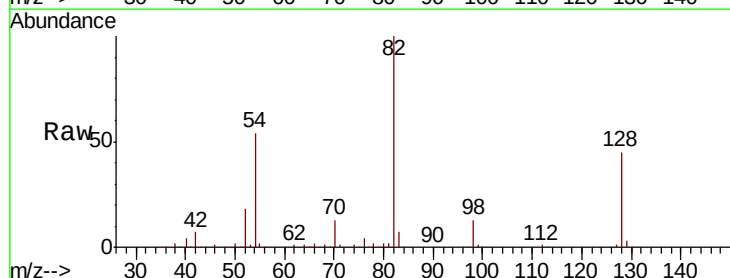


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

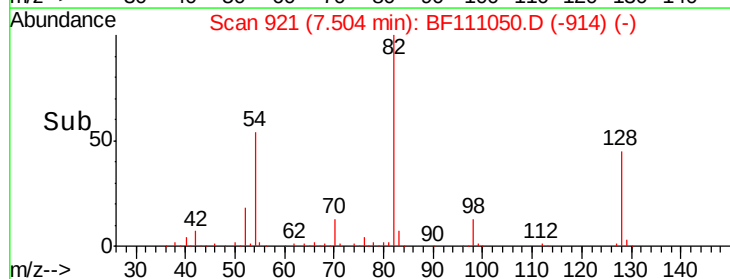
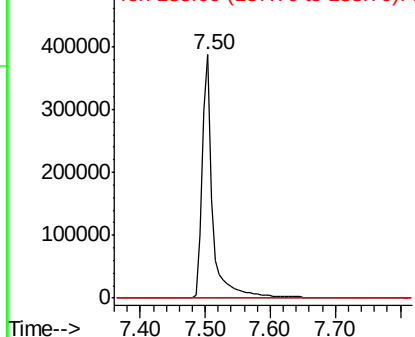


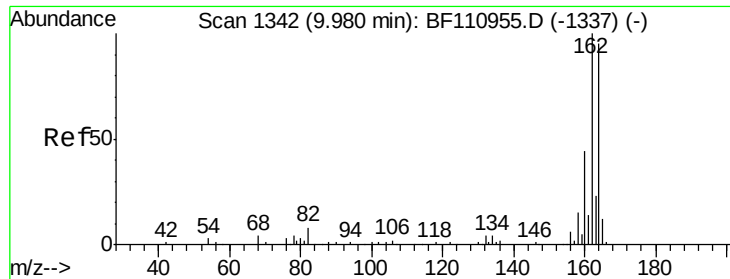
#25
 Isophorone
 Concen: 59.564 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF111050.D
 Acq: 28 Nov 2018 17:24

Tgt Ion: 82 Resp: 436844
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

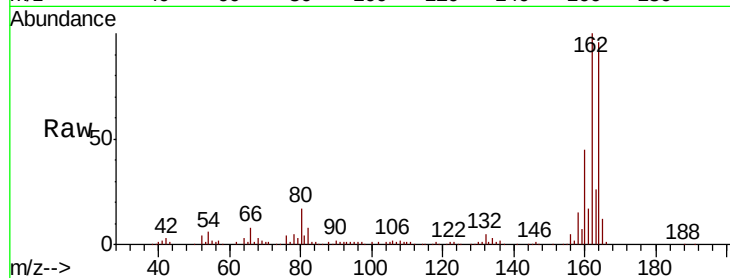




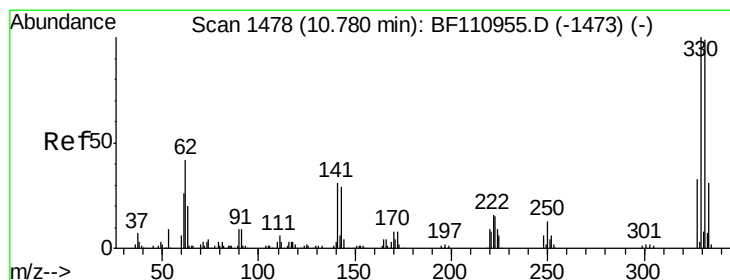
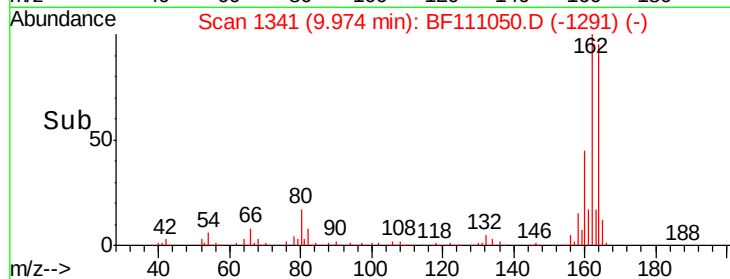
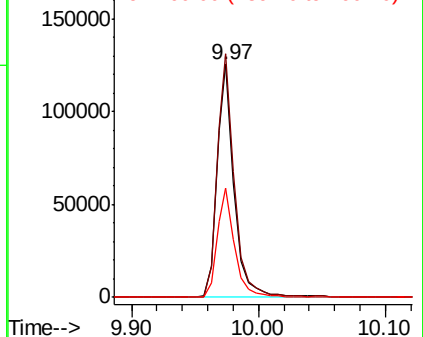
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111050.D
 Acq: 28 Nov 2018 17:24

Instrument :
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Tgt Ion:164 Resp: 119304
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.0 124.6
 160 46.8 37.0 55.6

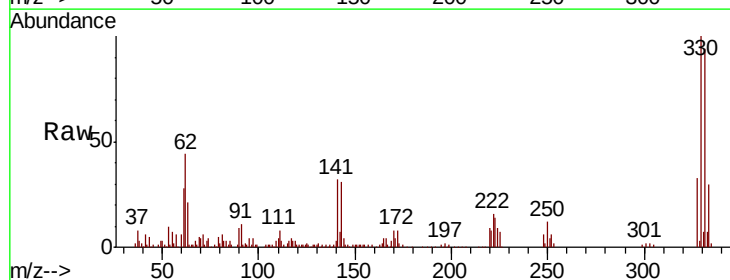


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

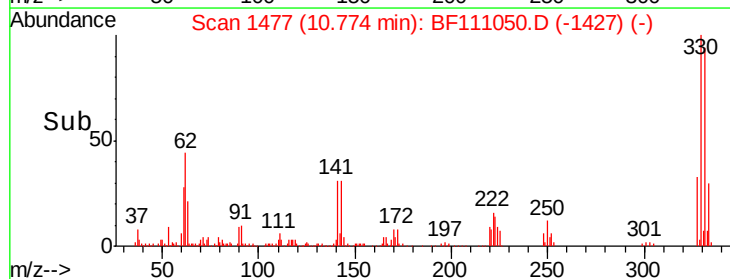
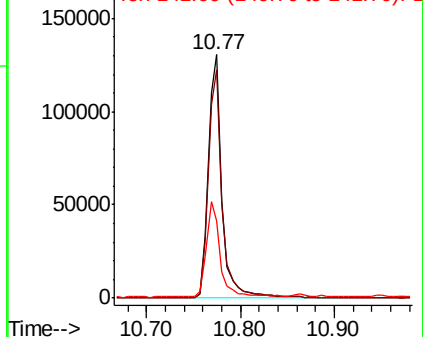


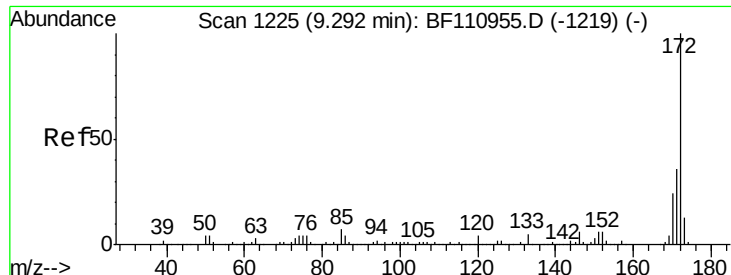
#42
 2,4,6-Tribromophenol
 Concen: 113.350 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF111050.D
 Acq: 28 Nov 2018 17:24

Tgt Ion:330 Resp: 134303
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 39.3 27.0 40.4



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

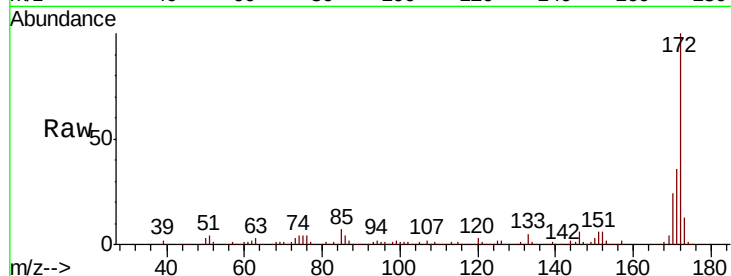




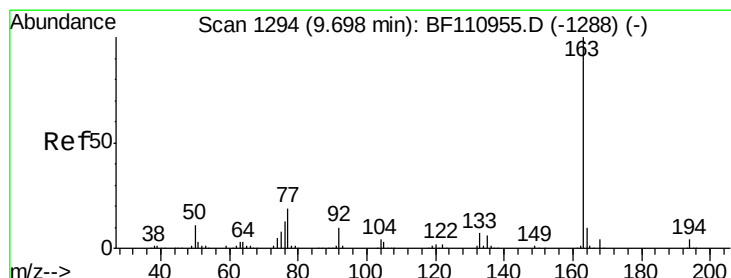
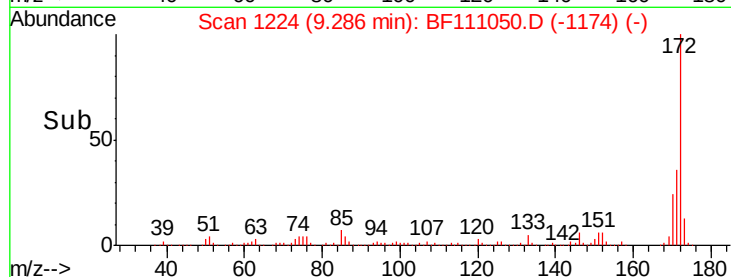
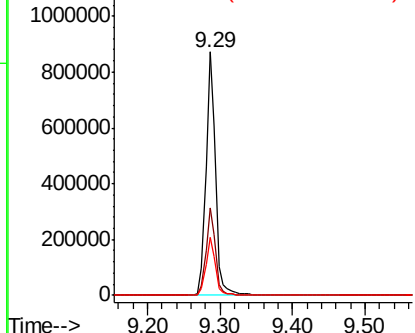
#45
2-Fluorobiphenyl
Concen: 97.765 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Instrument :
BNA_F
ClientSampleId :
CS-CONCRETE

Tgt Ion:172 Resp: 805075
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.8 19.7 29.5

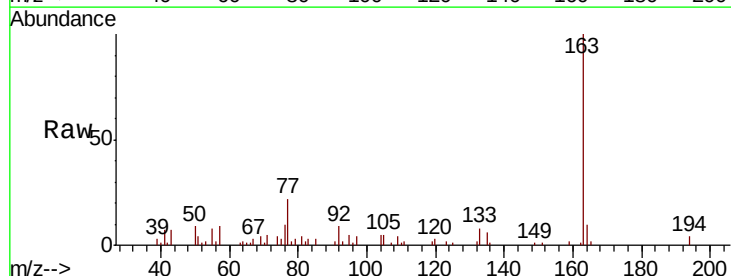


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

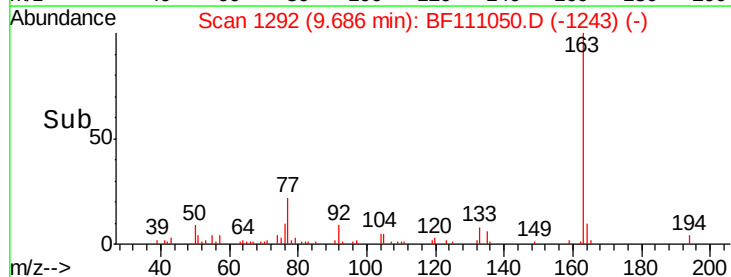
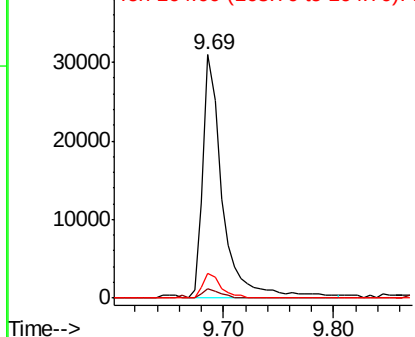


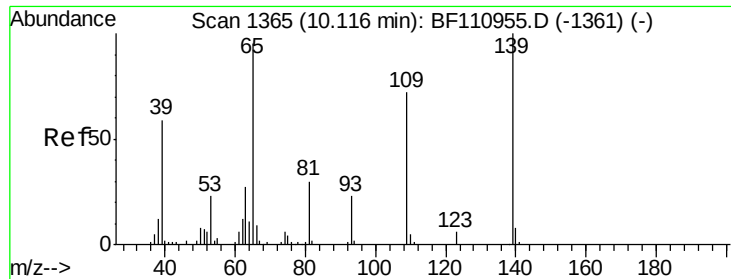
#50
Dimethylphthalate
Concen: 4.316 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:163 Resp: 37766
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.1 12.1



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

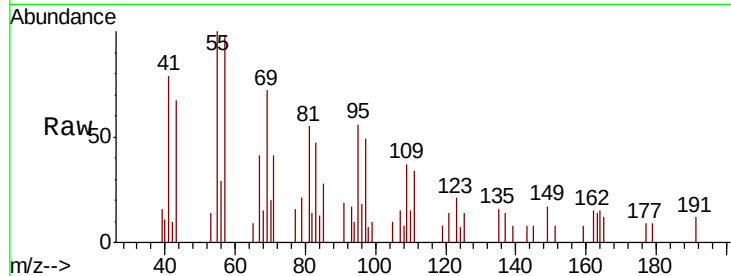




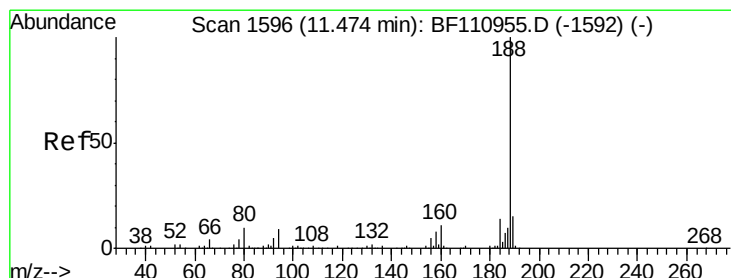
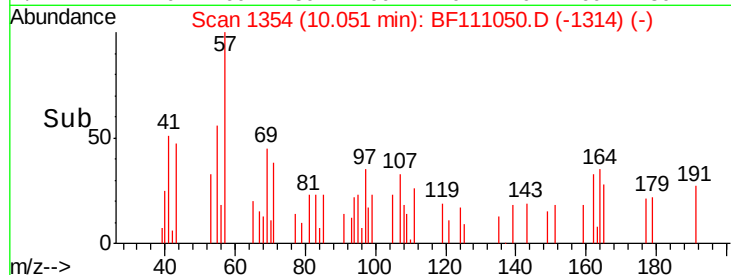
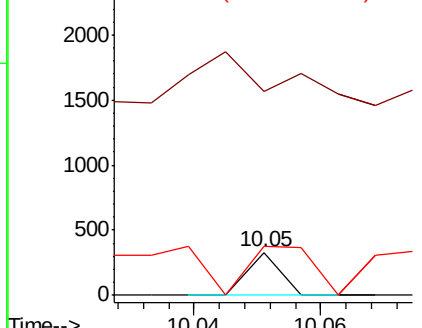
#56
4-Nitrophenol
Concen: 4.325 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.06 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Instrument :
BNA_F
ClientSampleId :
CS-CONCRETE

Tgt Ion:139 Resp: 117
Ion Ratio Lower Upper
139 100
109 472.2 55.8 95.8#
65 113.0 77.9 117.9

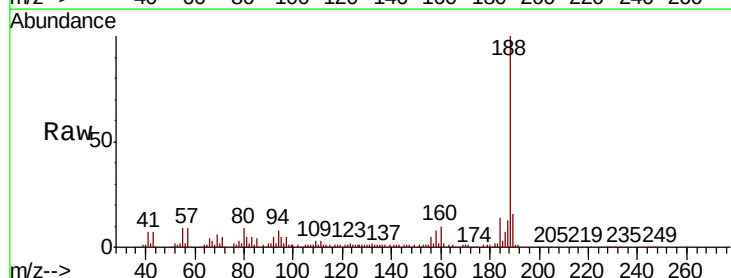


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

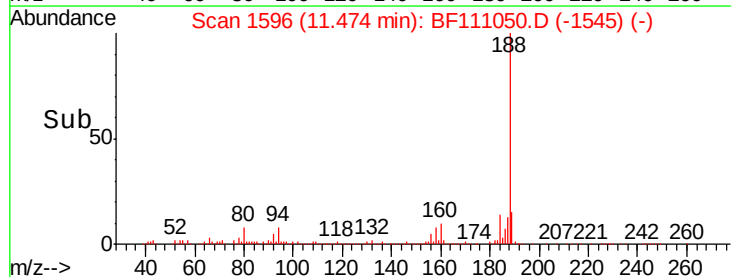
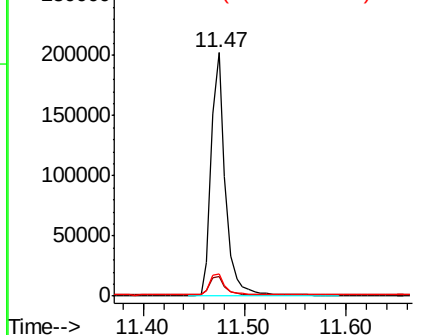


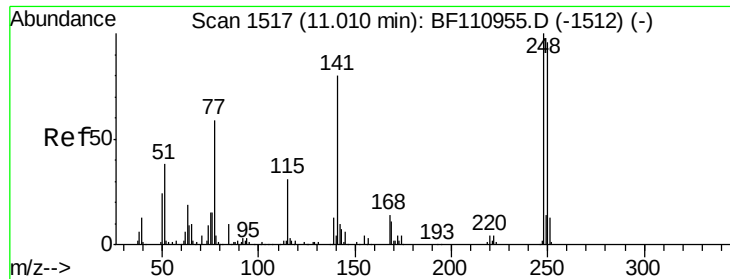
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Tgt Ion:188 Resp: 199332
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.9 7.9 11.9



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

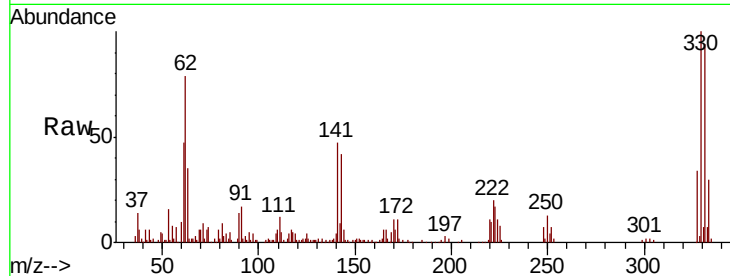




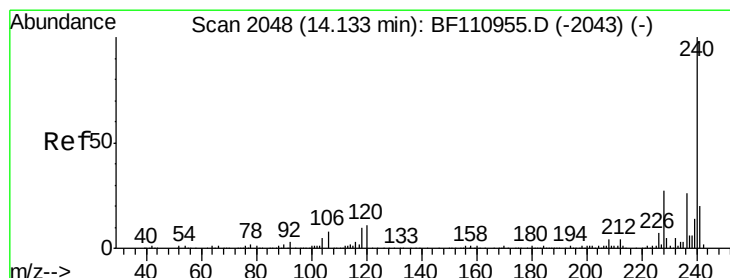
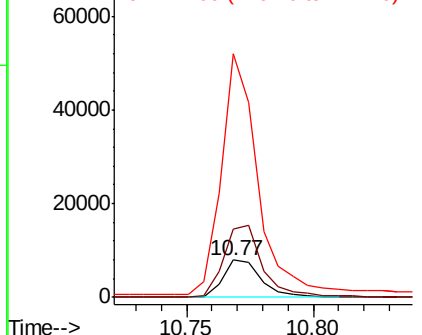
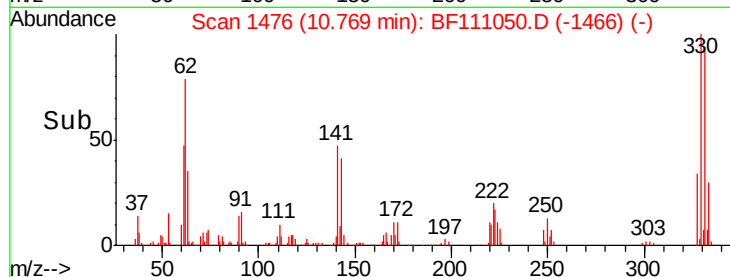
#67
 4-Bromophenyl-phenylether
 Concen: 3.802 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.24 min
 Lab File: BF111050.D
 Acq: 28 Nov 2018 17:24

Instrument :
 BNA_F
 ClientSampleId :
 CS-CONCRETE

Tgt Ion:248 Resp: 8254
 Ion Ratio Lower Upper
 248 100
 250 182.8 79.4 119.2#
 141 654.6 55.9 83.9#

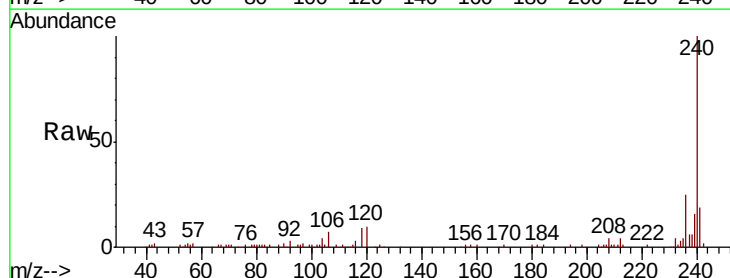


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

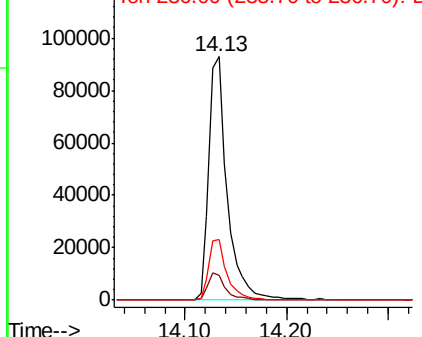
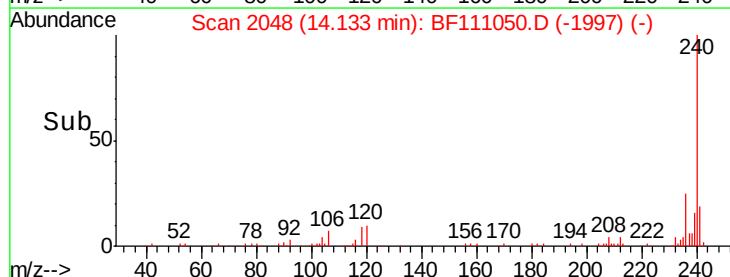


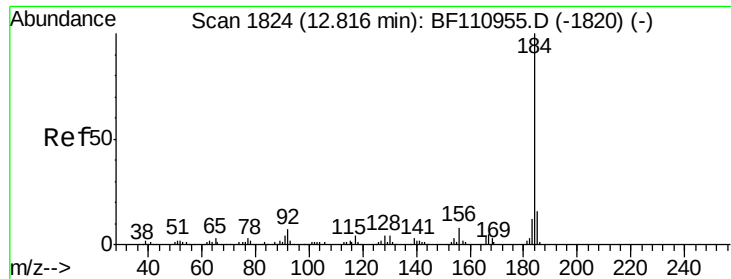
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF111050.D
 Acq: 28 Nov 2018 17:24

Tgt Ion:240 Resp: 117633
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.0 21.2 31.8



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





#77

Benzidine

Concen: 2.879 ng

RT: 13.05 min Scan# 1864

Delta R.T. 0.24 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

Instrument :

BNA_F

ClientSampleId :

CS-CONCRETE

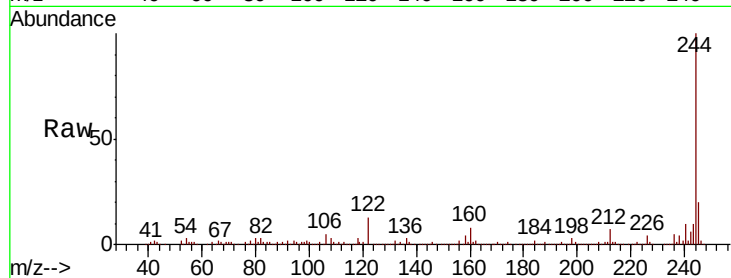
Tgt Ion:184 Resp: 8661

Ion Ratio Lower Upper

184 100

185 17.1 13.4 20.2

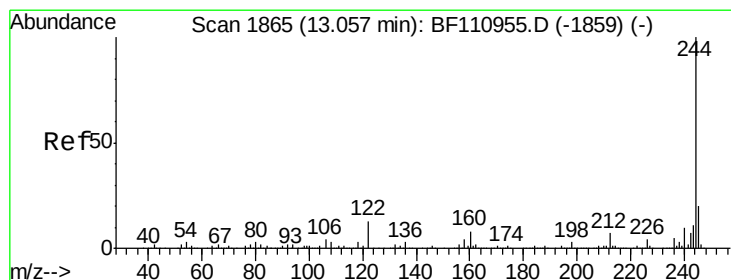
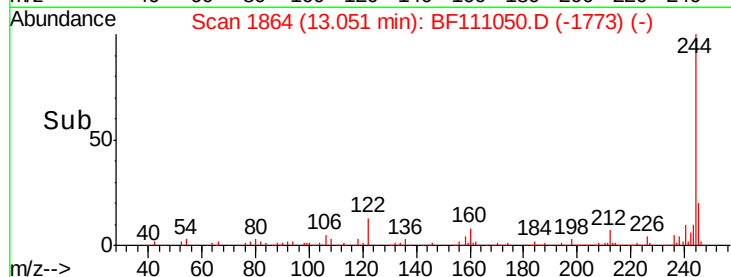
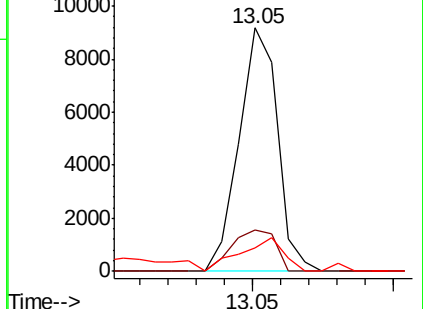
183 9.4 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 99.691 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111050.D

Acq: 28 Nov 2018 17:24

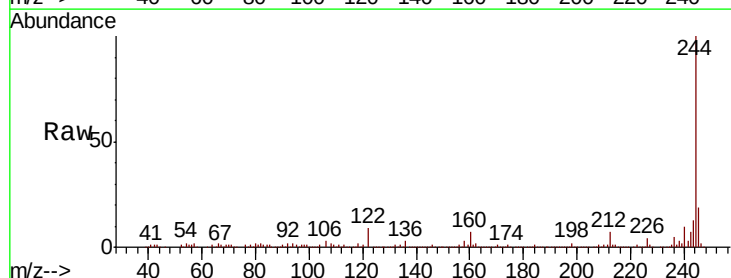
Tgt Ion:244 Resp: 602418

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

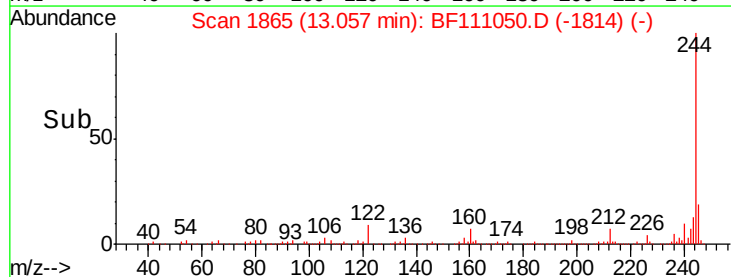
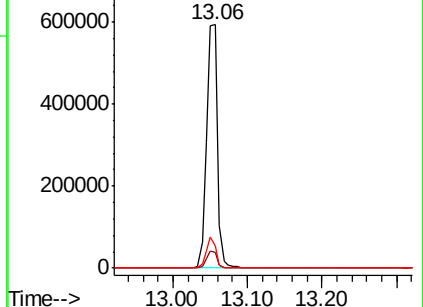
122 9.3 8.7 13.1

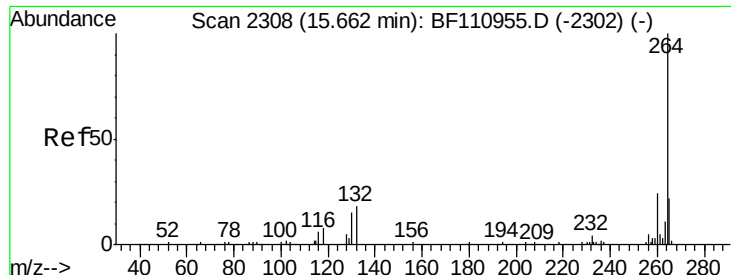


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BF111050.D
Acq: 28 Nov 2018 17:24

Instrument :
BNA_F
ClientSampleId :
CS-CONCRETE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	20.6	16.7	25.1

