

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097356.D
 Acq On : 4 Aug 2017 15:21
 Operator : SJ/JU
 Sample : I4588-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-17

Quant Time: Aug 04 16:57:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 16:25:29 2017
 Response via : Initial Calibration

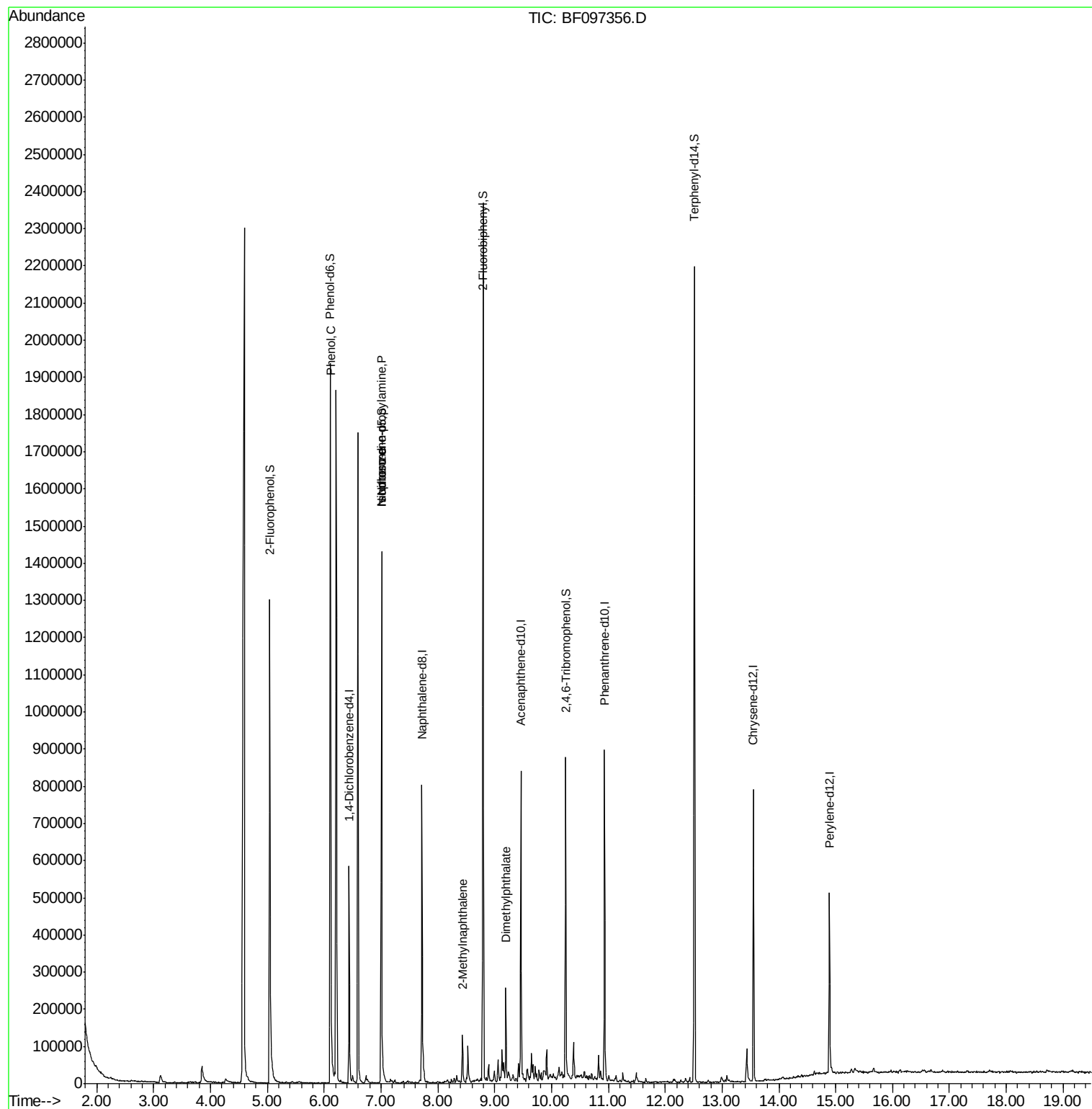
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	92535	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	379641	20.00	ng	0.00
38) Acenaphthene-d10	9.46	164	167550	20.00	ng	0.00
63) Phenanthrene-d10	10.93	188	298853	20.00	ng	0.00
75) Chrysene-d12	13.55	240	267575	20.00	ng	-0.01
86) Perylene-d12	14.89	264	202296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	424420	69.14	ng	0.00
7) Phenol-d6	6.10	99	737014	105.17	ng	-0.01
23) Nitrobenzene-d5	7.01	82	455417	70.37	ng	0.00
41) 2,4,6-Tribromophenol	10.25	330	89670	67.74	ng	-0.01
44) 2-Fluorobiphenyl	8.80	172	778693	78.87	ng	0.00
78) Terphenyl-d14	12.52	244	718338	54.74	ng	0.00
Target Compounds						
10) Phenol	6.12	94	23972	2.884	ng	# 63
19) n-Nitroso-di-n-propylamine	7.01	70	60831	13.188	ng	# 86
25) Isophorone	7.01	82	444916	35.106	ng	# 67
37) 2-Methylnaphthalene	8.43	142	35036	3.092	ng	98
49) Dimethylphthalate	9.20	163	103053	8.099	ng	99

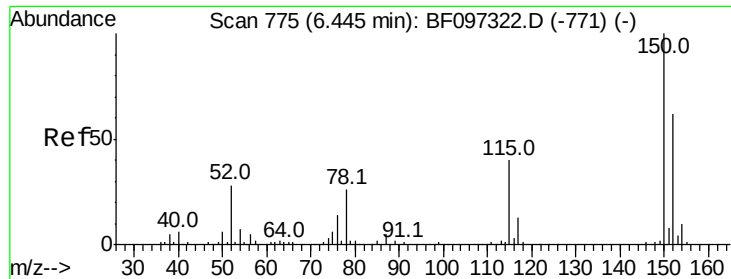
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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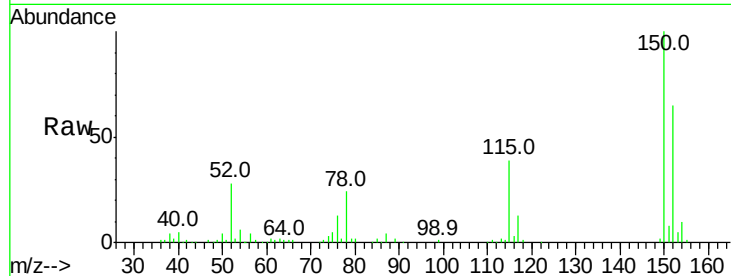


#1

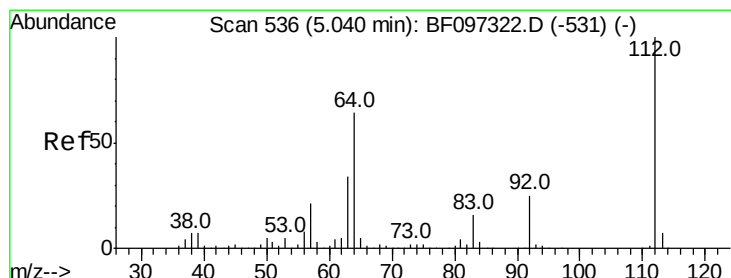
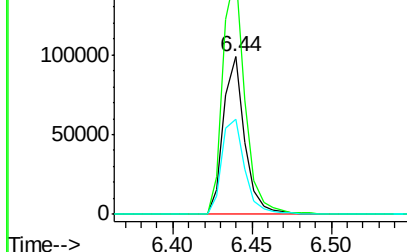
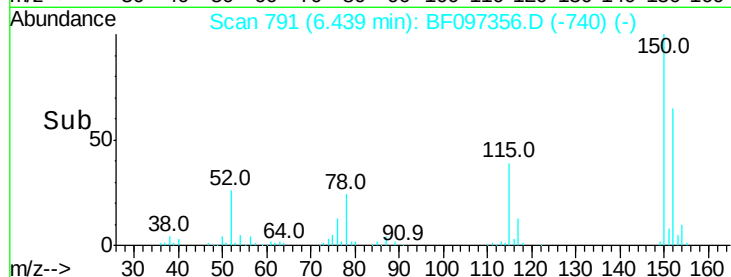
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF097356.D
Acq: 4 Aug 2017 15:21

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-17

Tot Ion:152 Resp: 92535
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 60.7 52.2 78.2



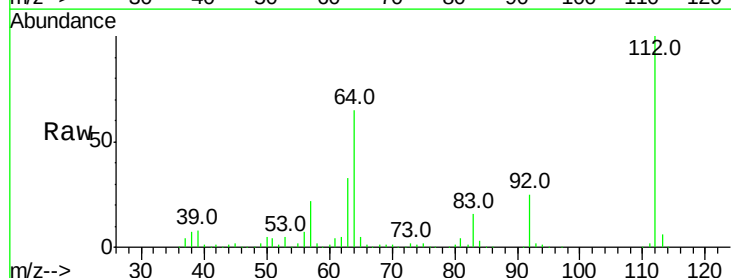
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



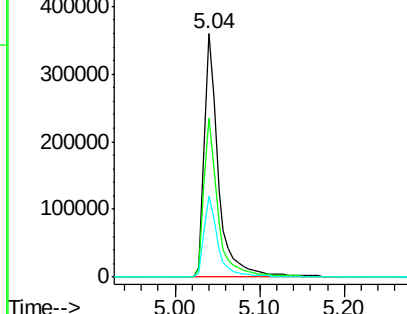
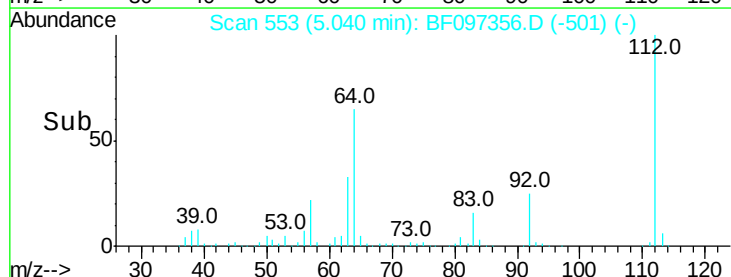
#5

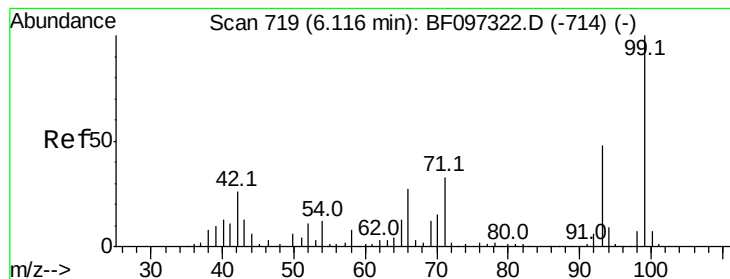
2-Fluorophenol
Concen: 69.142 ng
RT: 5.04 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF097356.D
Acq: 4 Aug 2017 15:21

Tgt Ion:112 Resp: 424420
Ion Ratio Lower Upper
112 100
64 65.2 46.0 69.0
63 33.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.173 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

Instrument :

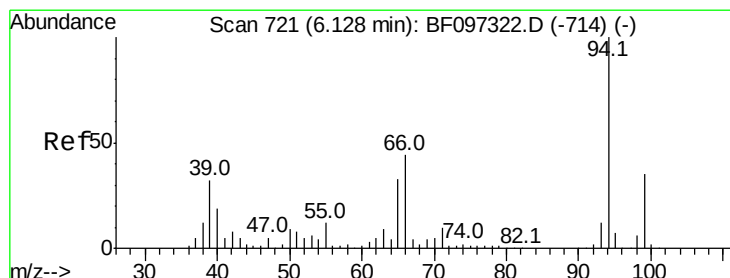
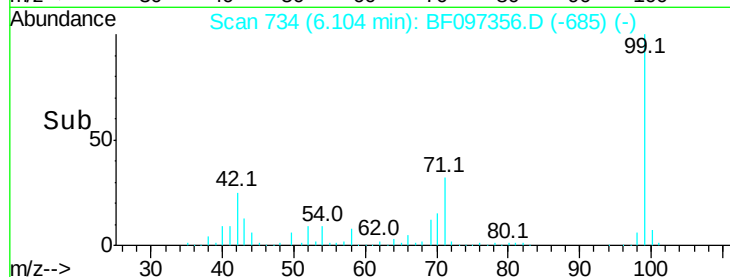
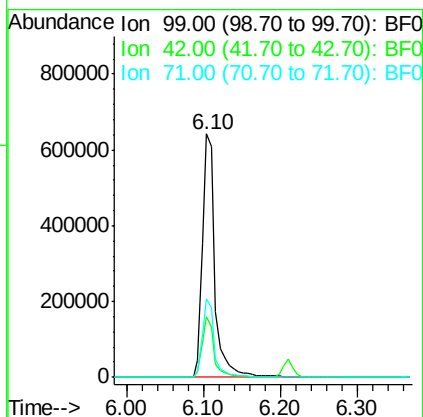
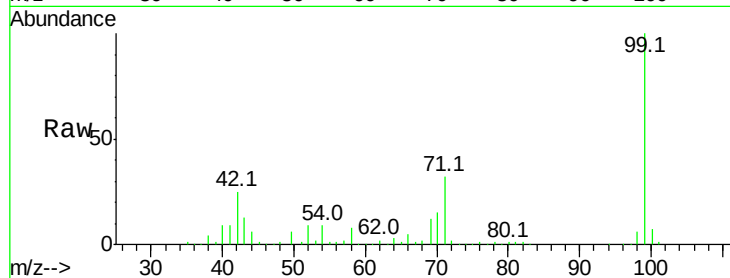
BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-17

Tot Ion: 99 Resp: 737014

Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.5	20.3#
71	32.4	24.5	36.7



#10

Phenol

Concen: 2.884 ng

RT: 6.12 min Scan# 736

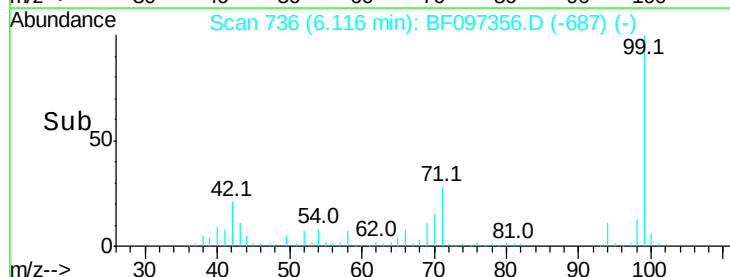
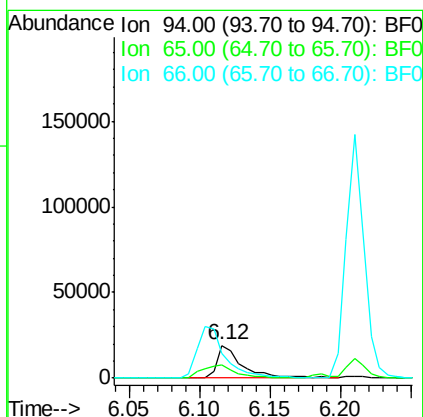
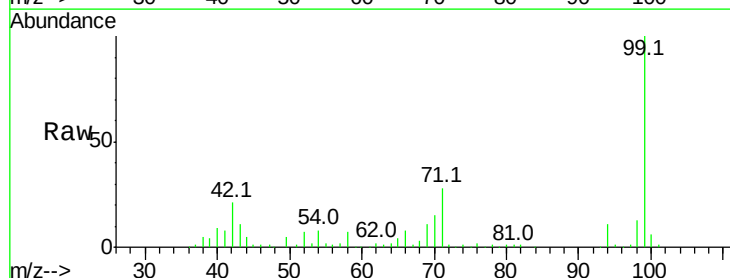
Delta R.T. -0.01 min

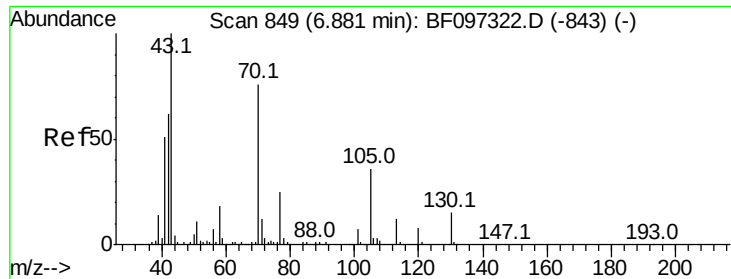
Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

Tgt Ion: 94 Resp: 23972

Ion	Ratio	Lower	Upper
94	100		
65	39.2	9.9	49.9
66	76.1	23.1	63.1#

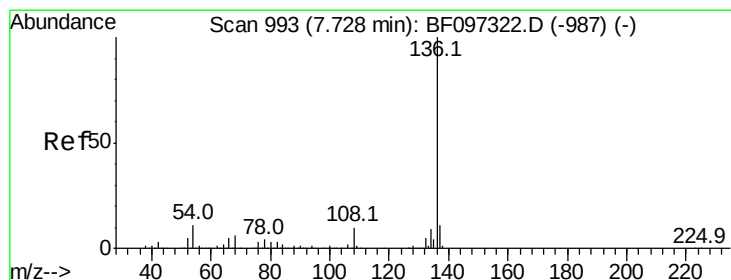
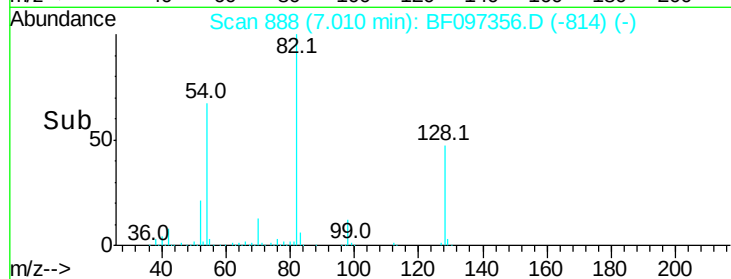
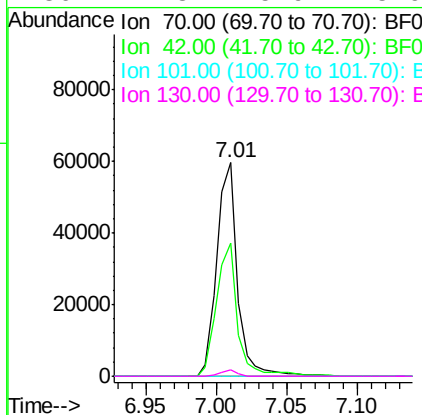
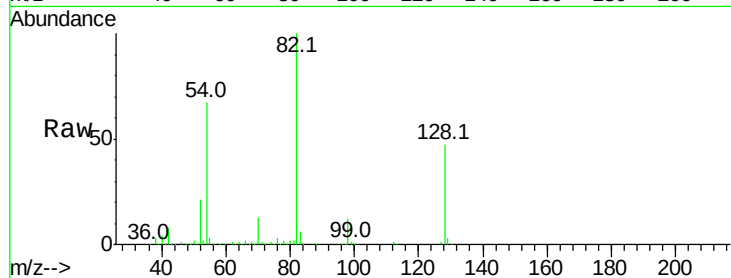




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.188 ng
 RT: 7.01 min Scan# 888
 Delta R.T. 0.14 min
 Lab File: BF097356.D
 Acq: 4 Aug 2017 15:21

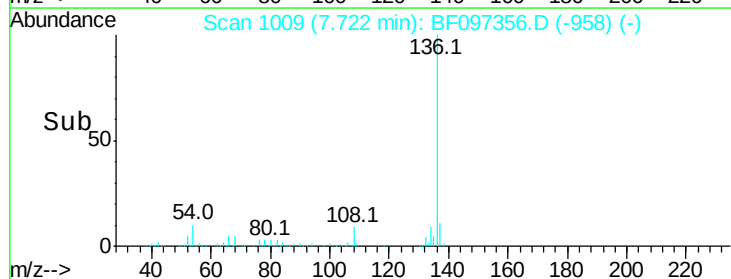
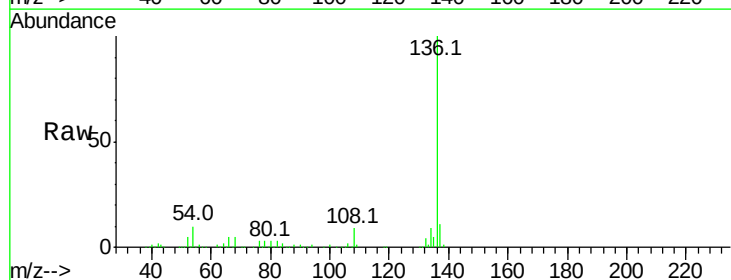
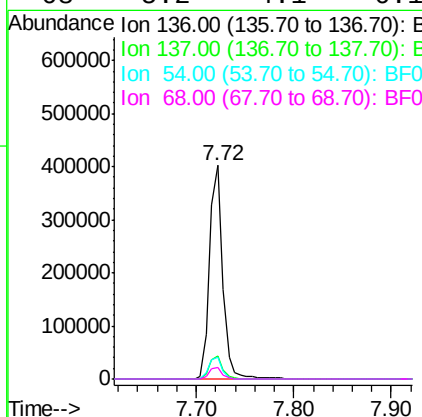
Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-17

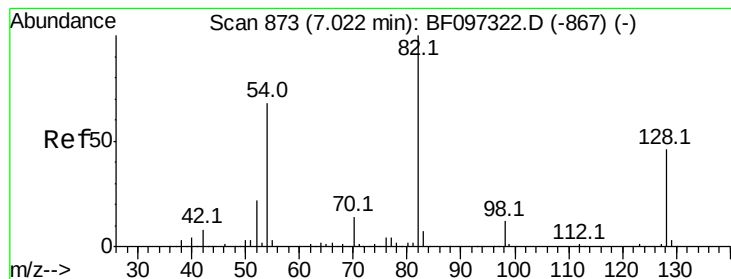
Tot Ion: 70 Resp: 60831
 Ion Ratio Lower Upper
 70 100
 42 62.3 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.8 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.72 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF097356.D
 Acq: 4 Aug 2017 15:21

Tgt Ion: 136 Resp: 379641
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.5 12.7
 54 10.1 4.9 7.3#
 68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 70.373 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-17

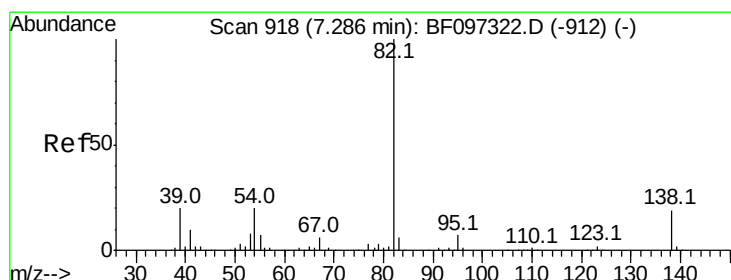
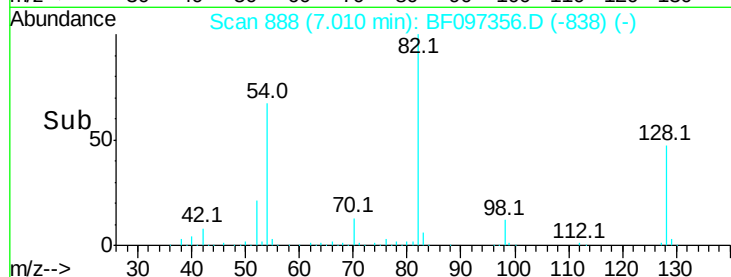
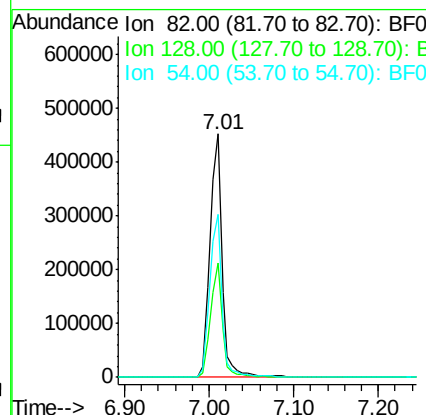
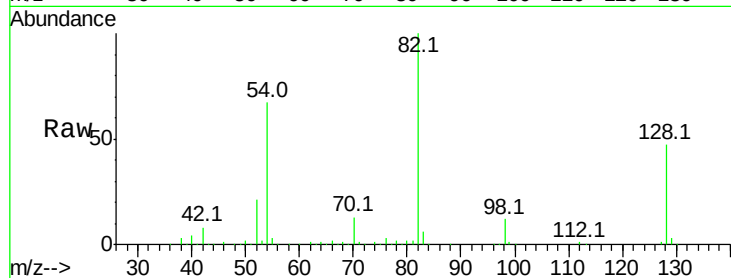
Tot Ion: 82 Resp: 455417

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

54 67.1 42.2 63.2#



#25

Isophorone

Concen: 35.106 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.27 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

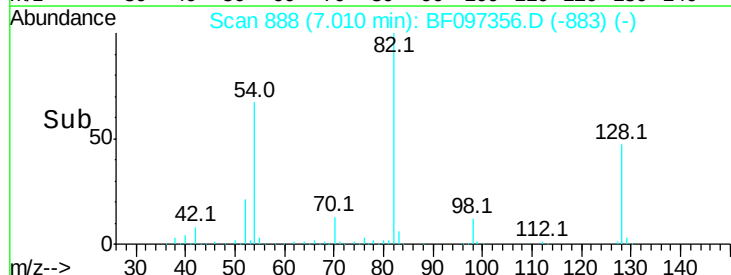
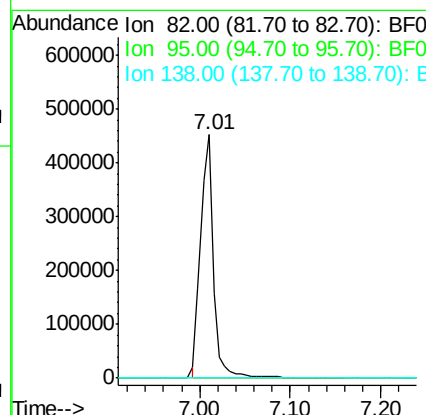
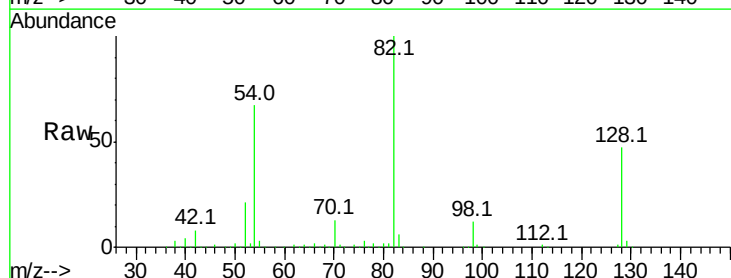
Tgt Ion: 82 Resp: 444916

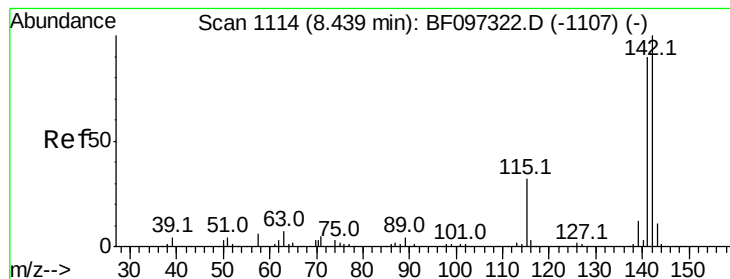
Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#





#37

2-Methylnaphthalene

Concen: 3.092 ng

RT: 8.43 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-17

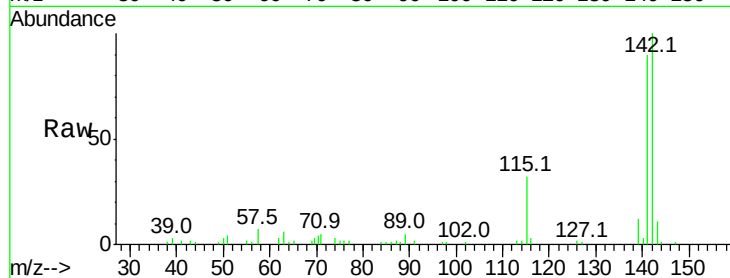
Tot Ion:142 Resp: 35036

Ion Ratio Lower Upper

142 100

141 90.1 71.3 106.9

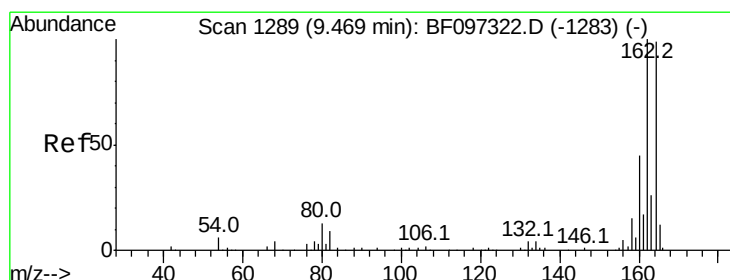
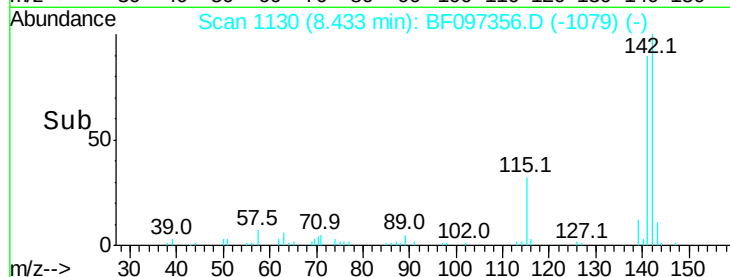
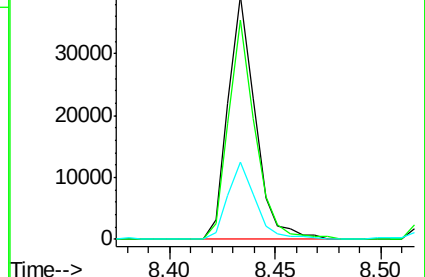
115 31.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

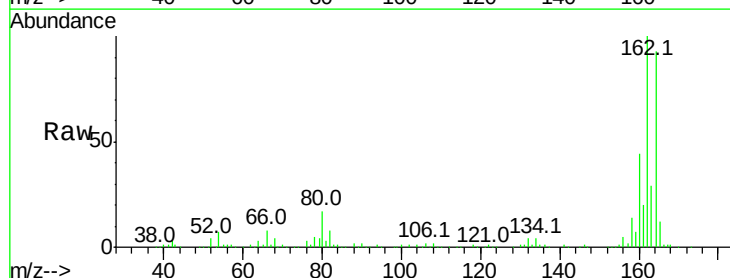
Tgt Ion:164 Resp: 167550

Ion Ratio Lower Upper

164 100

162 107.9 82.6 123.8

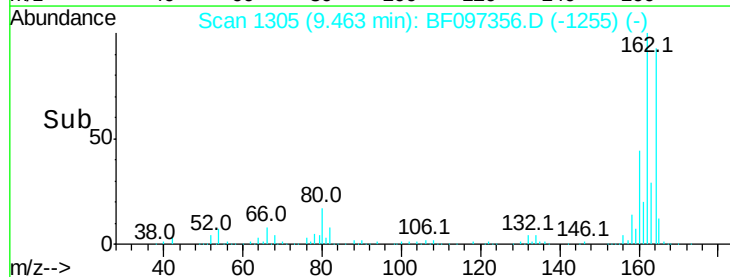
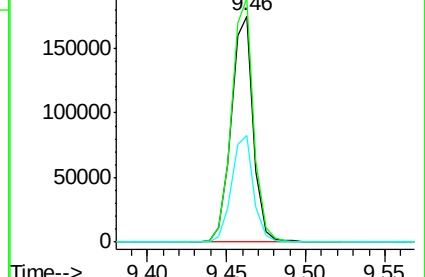
160 47.1 36.2 54.2

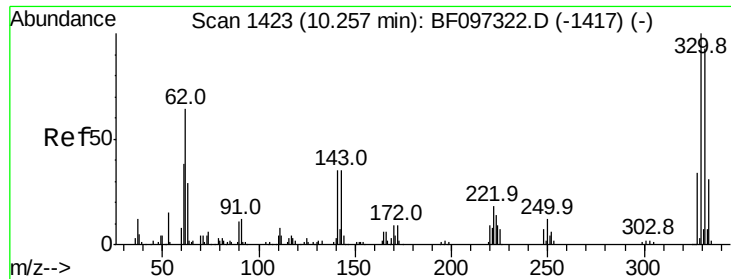


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 67.736 ng

RT: 10.25 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-17

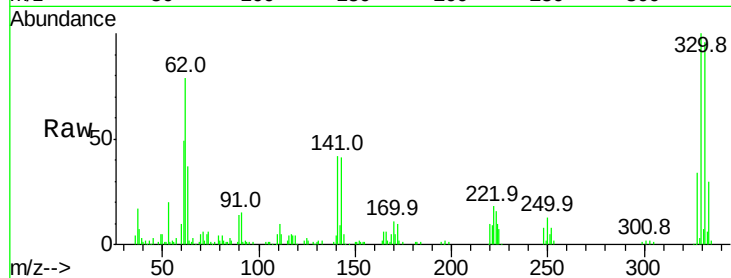
Tot Ion:330 Resp: 89670

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

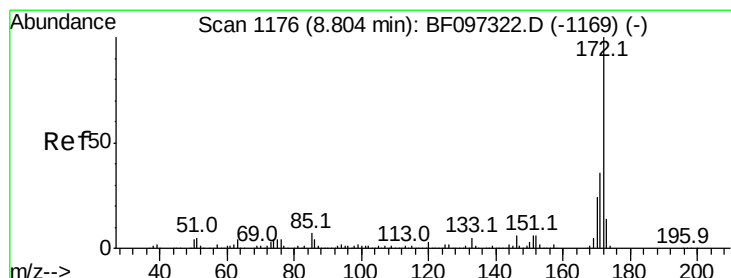
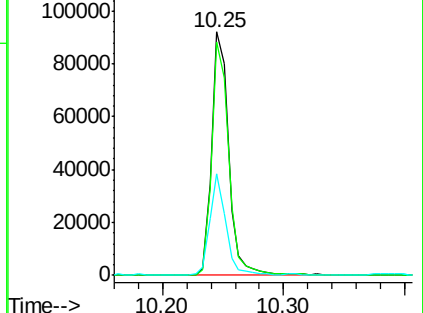
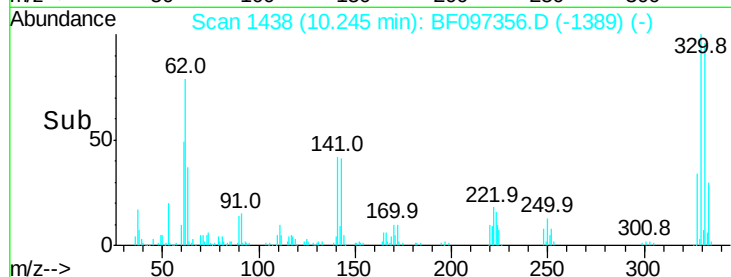
141 39.7 31.4 47.2



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



#44

2-Fluorobiphenyl

Concen: 78.873 ng

RT: 8.80 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

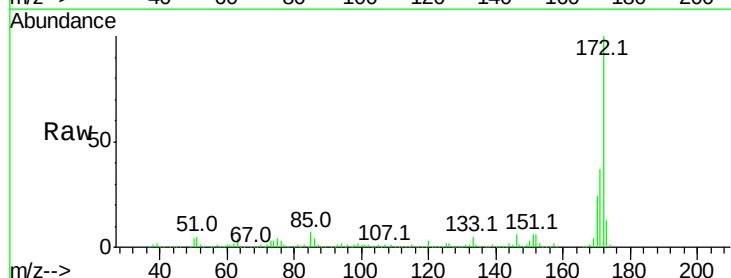
Tgt Ion:172 Resp: 778693

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

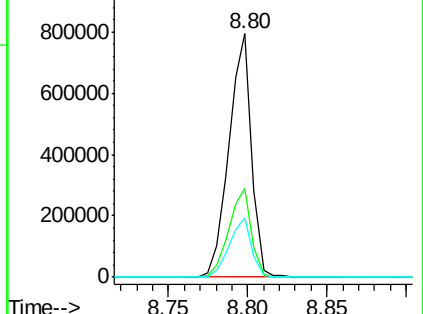
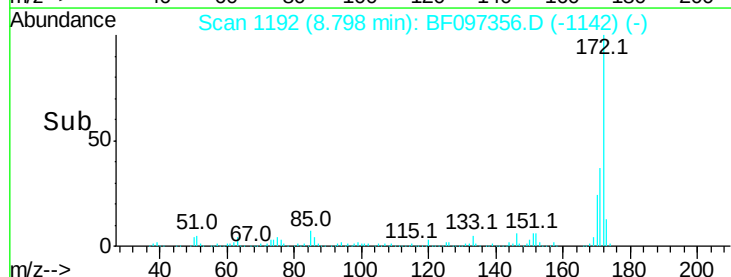
170 24.5 19.8 29.8

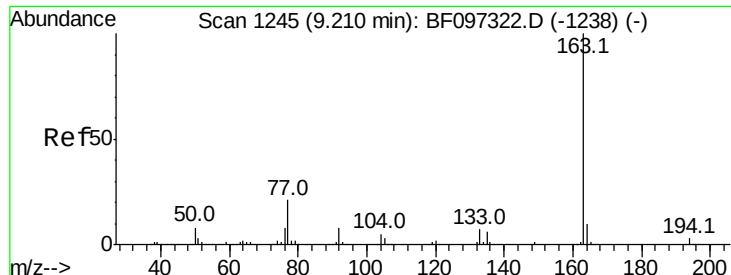


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

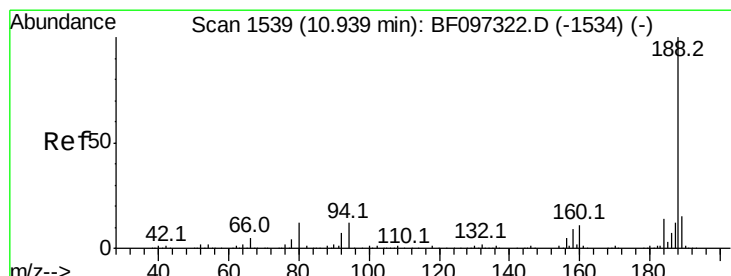
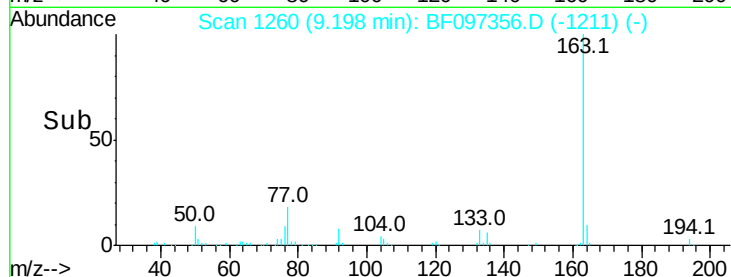
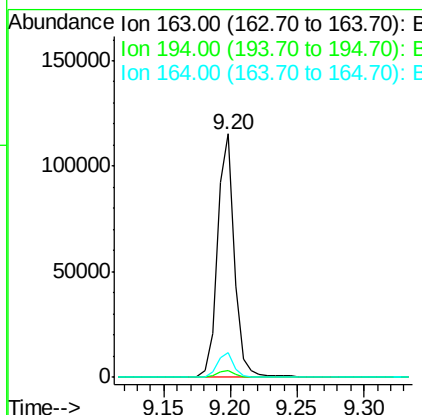
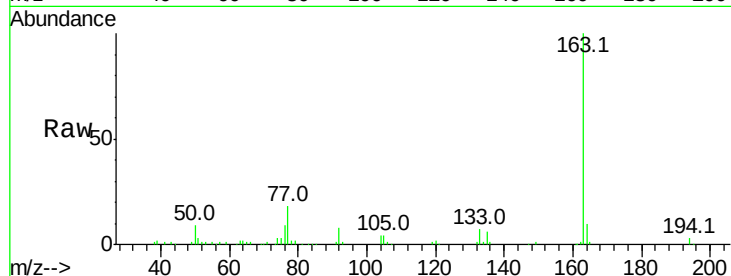




#49
Dimethylphthalate
Concen: 8.099 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF097356.D
Acq: 4 Aug 2017 15:21

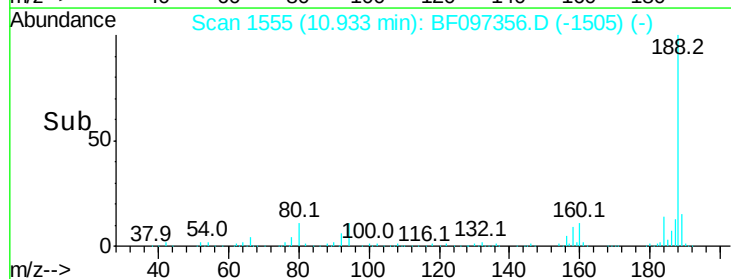
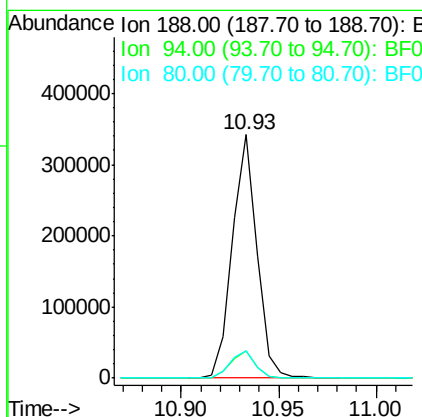
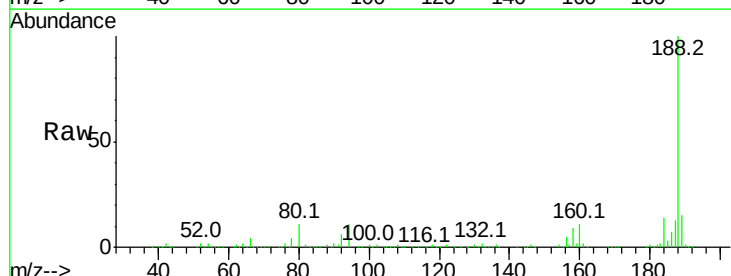
Instrument :
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E2-CONCRETE-BATCH-17

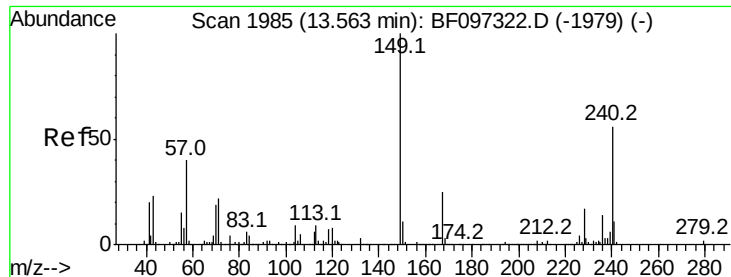
Tot Ion:163 Resp: 103053
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.1 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF097356.D
Acq: 4 Aug 2017 15:21

Tgt Ion:188 Resp: 298853
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.2 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-17

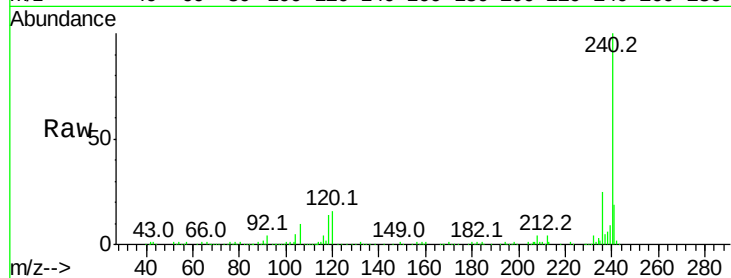
Tot Ion:240 Resp: 267575

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

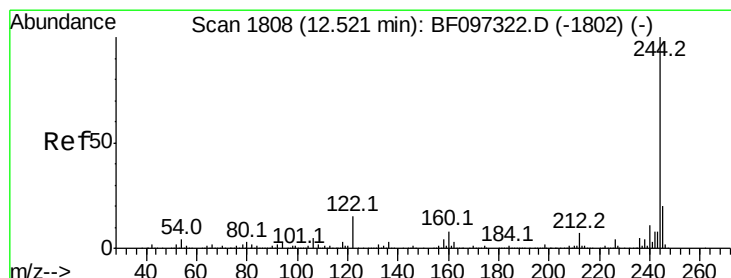
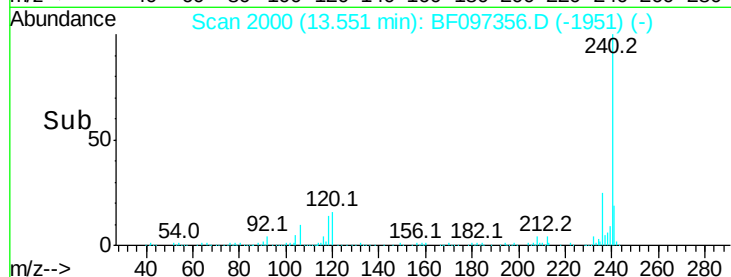
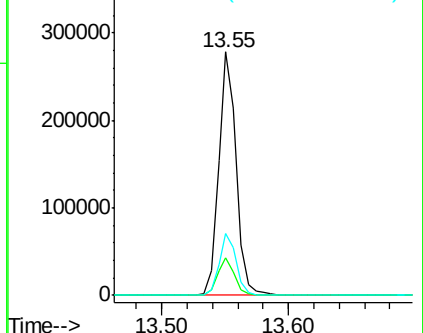
236 25.3 20.5 30.7



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



#78

Terphenyl-d14

Concen: 54.736 ng

RT: 12.52 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF097356.D

Acq: 4 Aug 2017 15:21

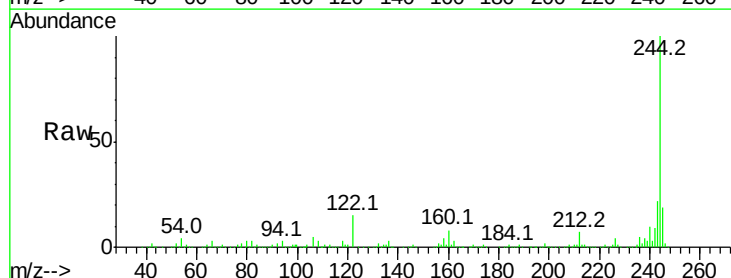
Tgt Ion:244 Resp: 718338

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

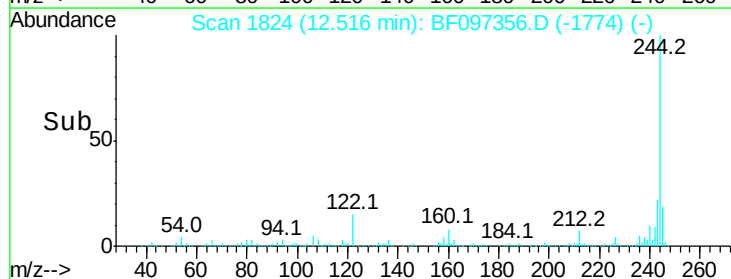
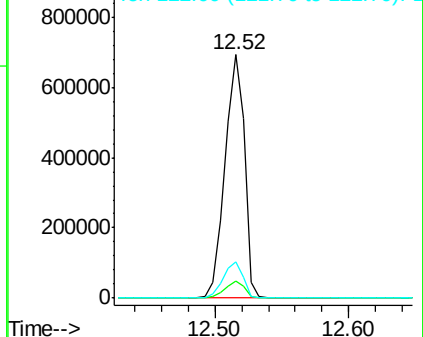
122 15.1 10.3 15.5

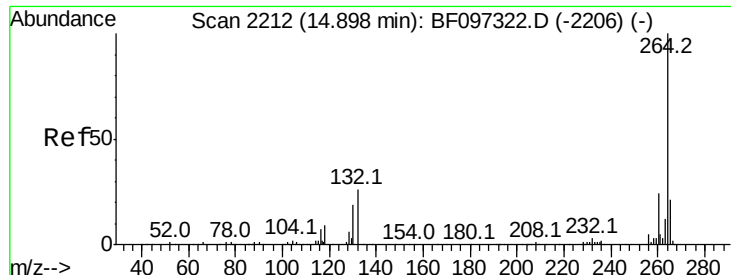


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

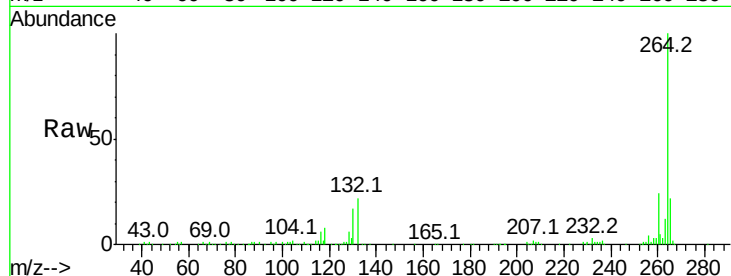




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF097356.D
 Acq: 4 Aug 2017 15:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-17

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.1	17.2	25.8



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

