

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
 Data File : BF093428.D
 Acq On : 7 Mar 2017 19:35
 Operator : SJ/MA
 Sample : I2061-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTERRE

Quant Time: Mar 08 00:51:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

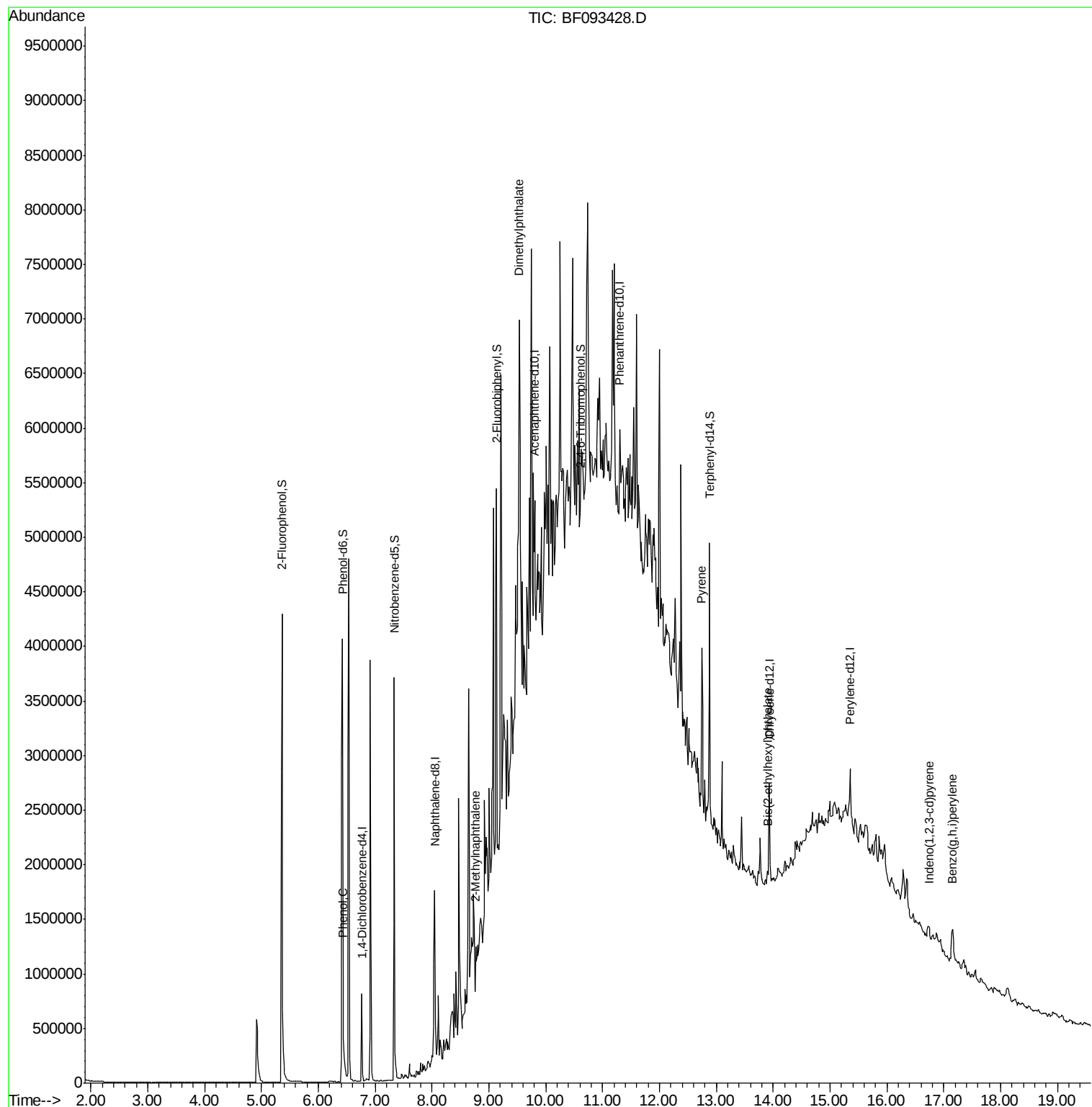
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	180394	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	669161	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	209715	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	280529	20.00	ng	0.02
75) Chrysene-d12	13.93	240	356456	20.00	ng	0.01
86) Perylene-d12	15.35	264	323001	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1629105	150.30	ng	0.01
7) Phenol-d6	6.42	99	2112891	154.59	ng	0.01
23) Nitrobenzene-d5	7.34	82	1304502	108.16	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	196718	143.98	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1711611	151.81	ng	0.00
78) Terphenyl-d14	12.88	244	1112183	81.12	ng	0.01
Target Compounds						
10) Phenol	6.44	94	128196	7.65	ng	77
37) 2-Methylnaphthalene	8.77	142	53928	2.53	ng	94
49) Dimethylphthalate	9.53	163	242852	17.47	ng	# 97
77) Pyrene	12.75	202	69140	2.67	ng	# 79
83) Bis(2-ethylhexyl)phthalate	13.90	149	44468	2.92	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.75	276	40168	2.46	ng	98
91) Benzo(g,h,i)perylene	17.16	276	275616	18.05	ng	# 89

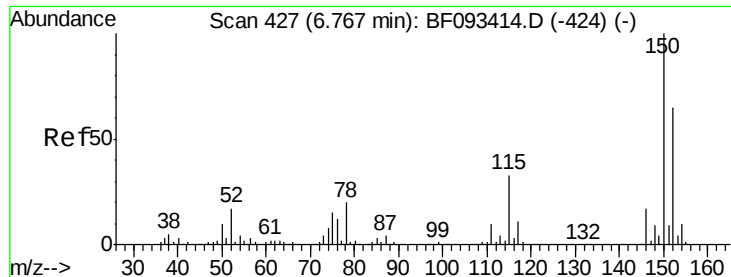
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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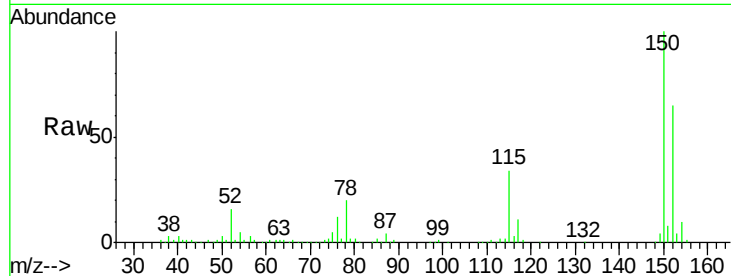


#1

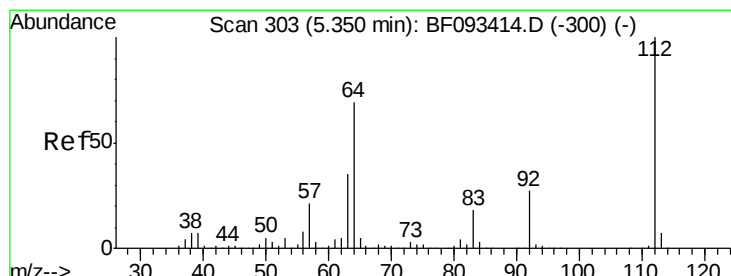
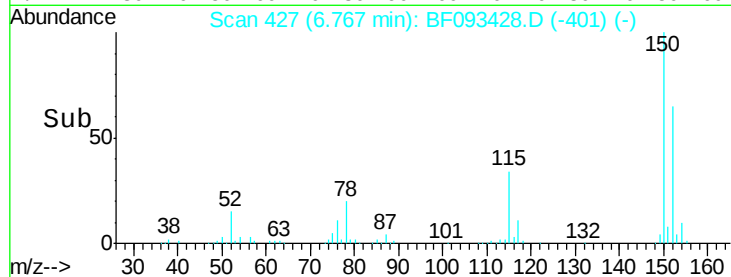
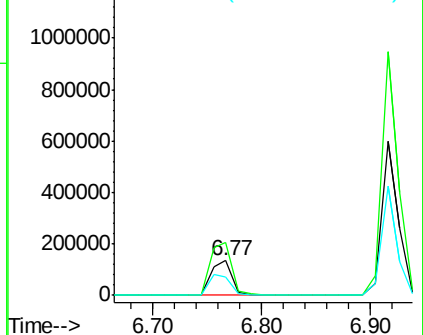
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

Instrument :
BNA_F
ClientSampleId :
IMPACT-2-FROMDUMPSTERRE

Tot Ion:152 Resp: 180394
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 52.6 46.0 69.0



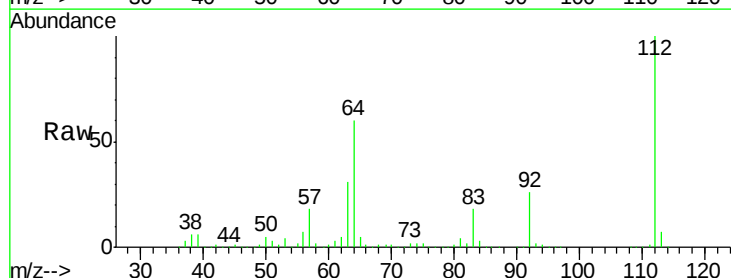
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



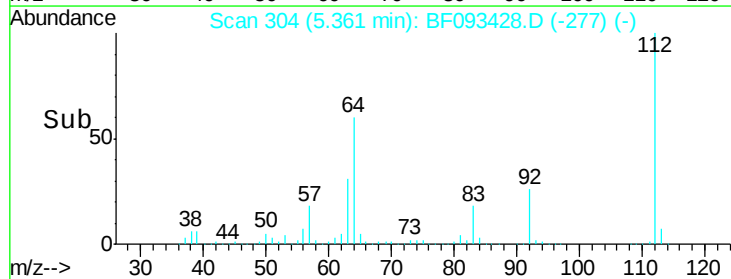
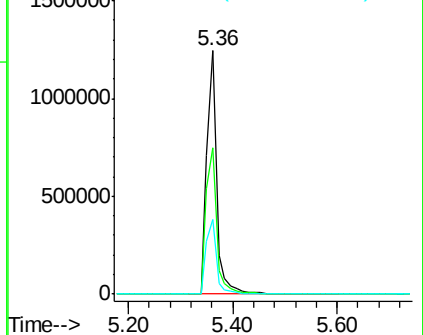
#5

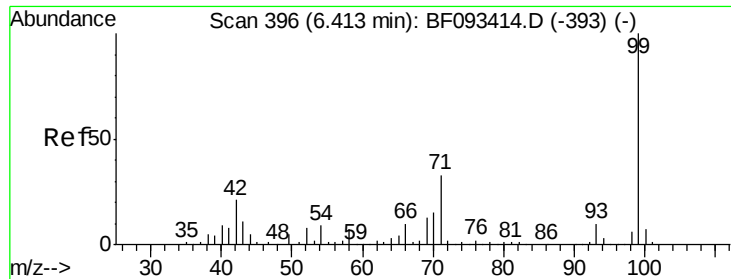
2-Fluorophenol
Concen: 150.30 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

Tgt Ion:112 Resp: 1629105
Ion Ratio Lower Upper
112 100
64 59.9 46.1 69.1
63 30.7 23.8 35.6



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: 154.59 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTERRE

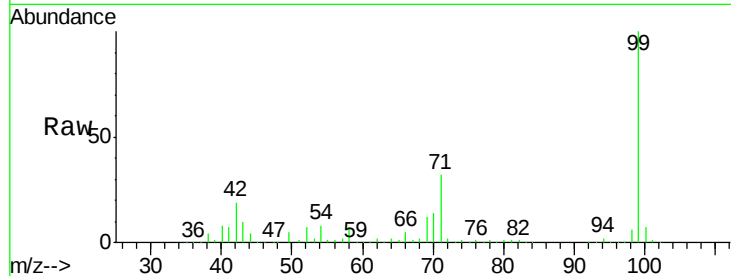
Tot Ion: 99 Resp: 2112891

Ion Ratio Lower Upper

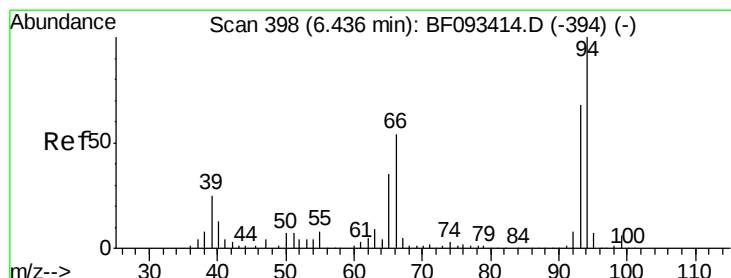
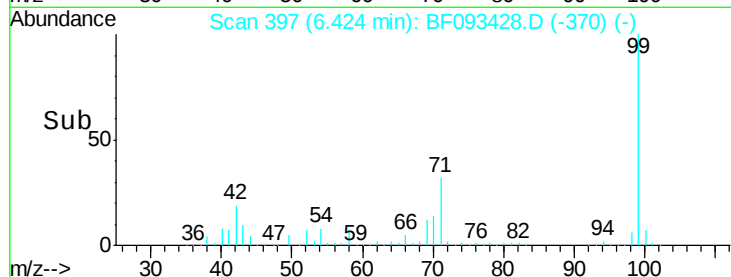
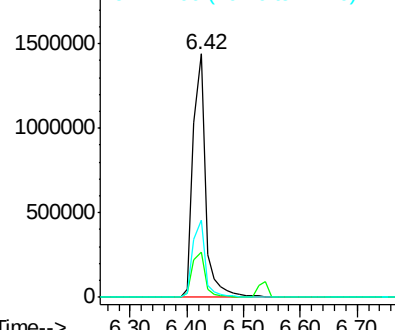
99 100

42 18.8 15.6 23.4

71 31.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 7.65 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

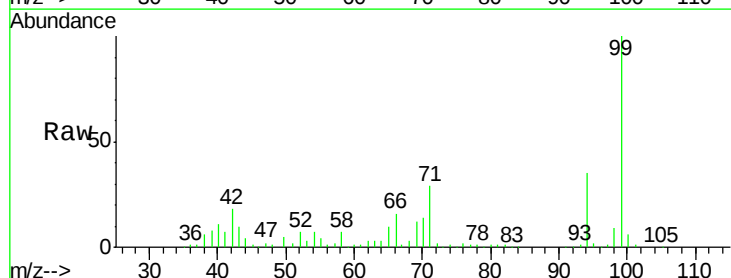
Tgt Ion: 94 Resp: 128196

Ion Ratio Lower Upper

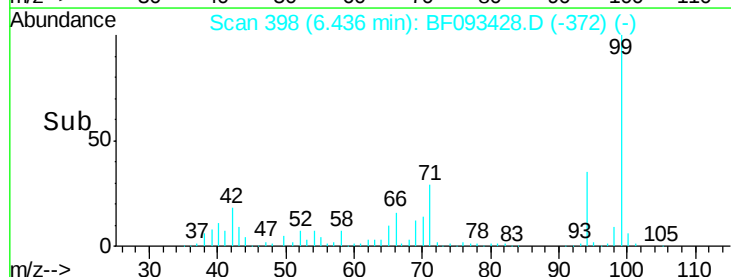
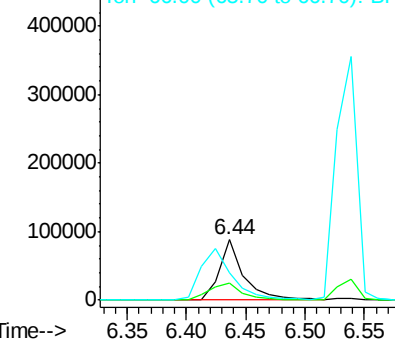
94 100

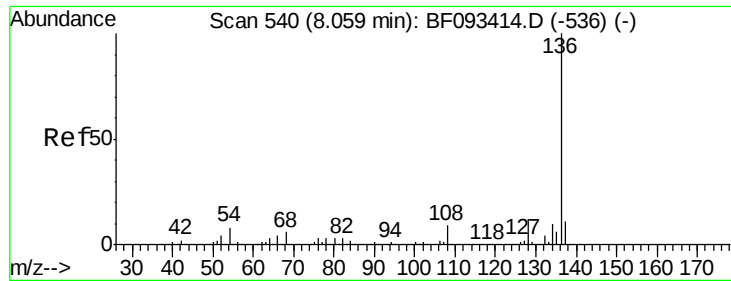
65 28.6 21.4 61.4

66 44.7 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTERRE

Tot Ion:136 Resp: 669161

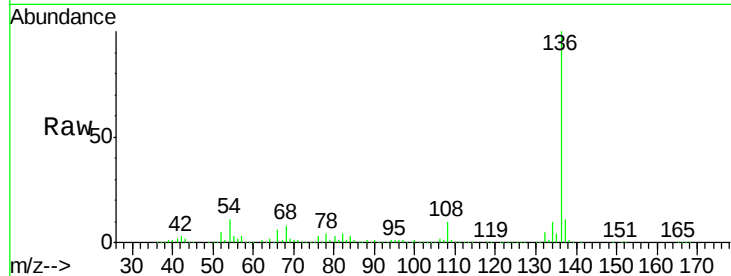
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.7 4.5 6.7#

68 8.1 3.6 5.4#

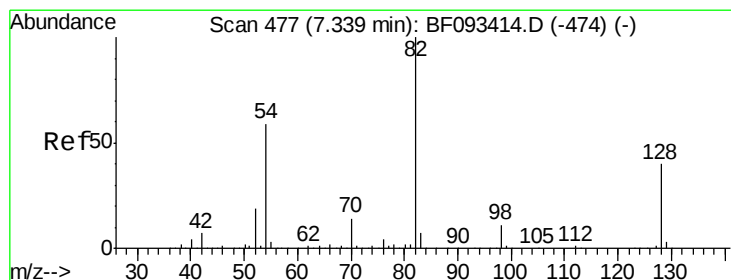
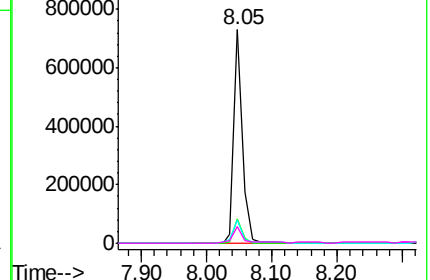
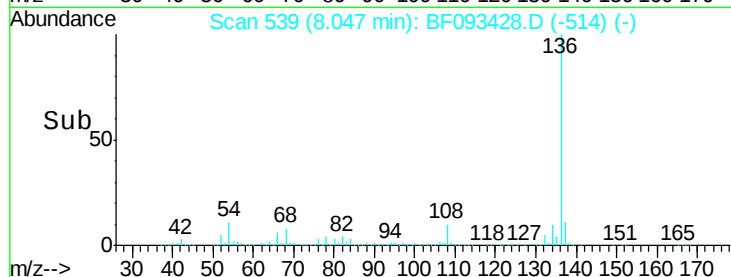


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 108.16 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

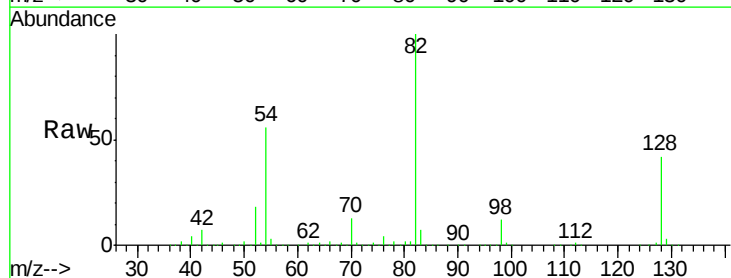
Tgt Ion: 82 Resp: 1304502

Ion Ratio Lower Upper

82 100

128 41.7 34.6 52.0

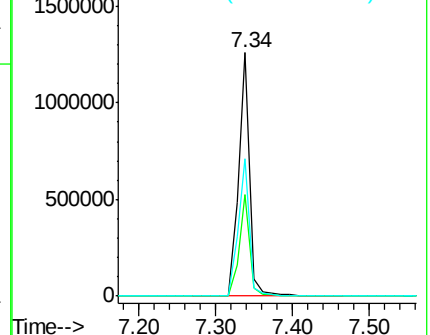
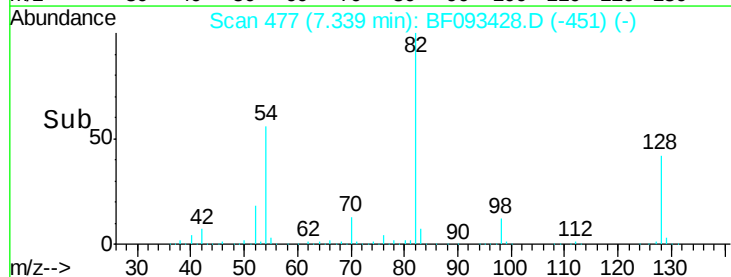
54 56.2 39.5 59.3

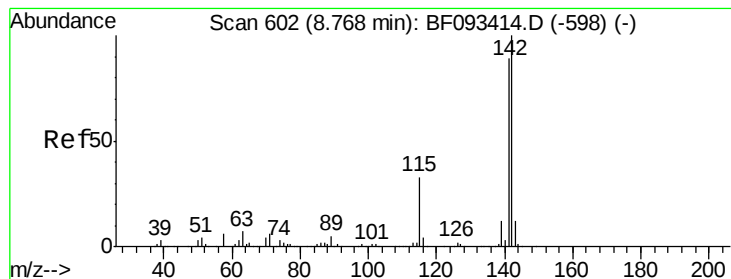


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

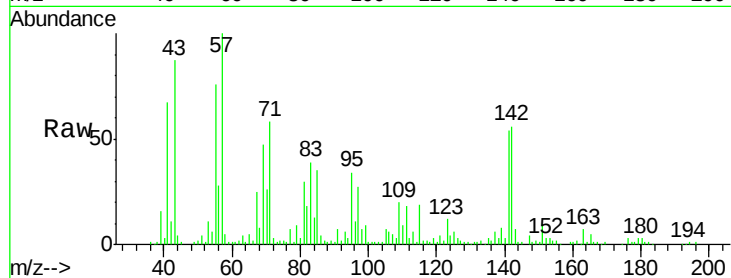




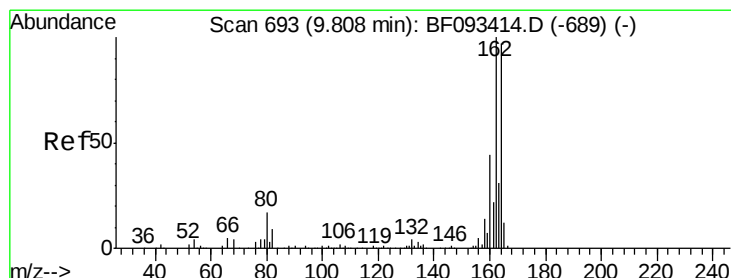
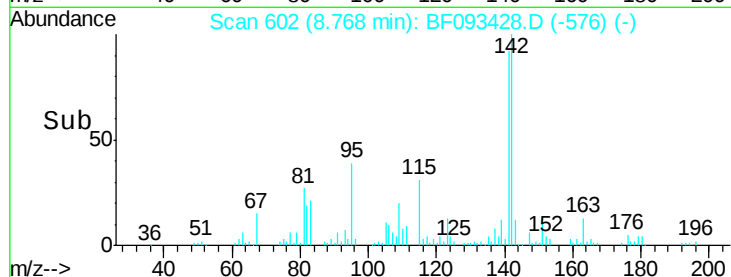
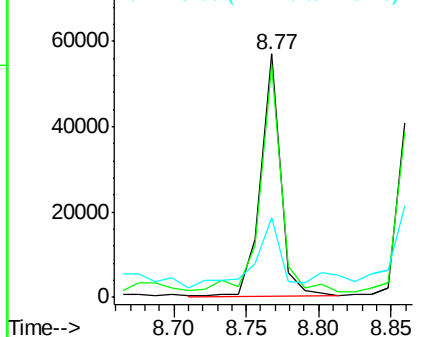
#37
2-Methylnaphthalene
Concen: 2.53 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

Instrument :
BNA_F
ClientSampleId :
IMPACT-2-FROMDUMPSTERRE

Tot Ion:142 Resp: 53928
Ion Ratio Lower Upper
142 100
141 95.4 71.0 106.6
115 32.9 28.3 42.5

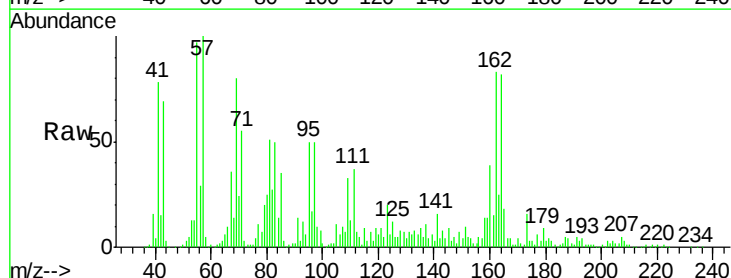


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

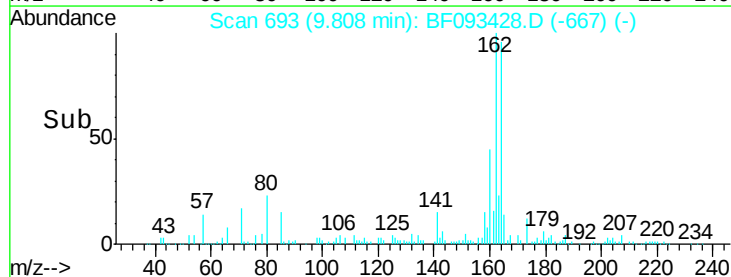
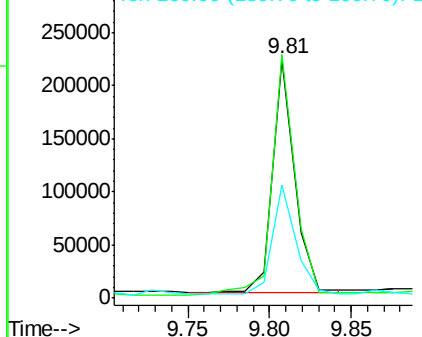


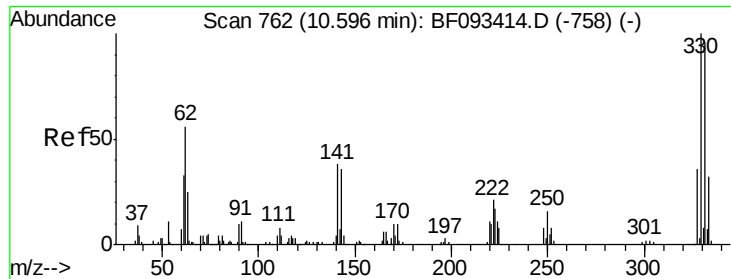
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

Tgt Ion:164 Resp: 209715
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 47.2 36.9 55.3



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

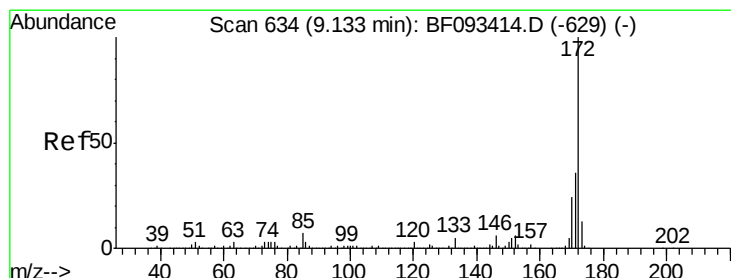
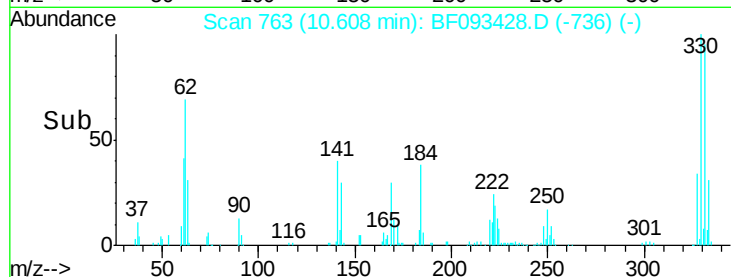
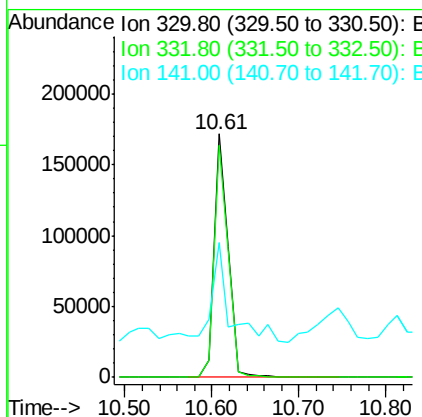
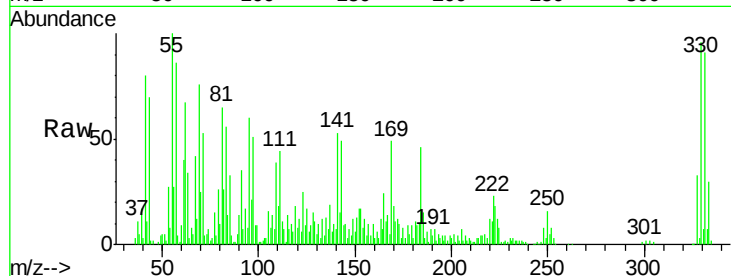




#41
 2,4,6-Tribromophenol
 Concen: 143.98 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093428.D
 Acq: 7 Mar 2017 19:35

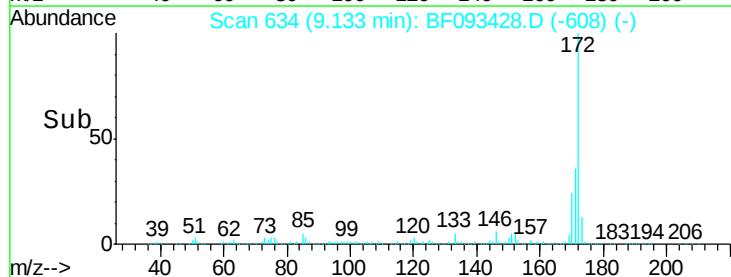
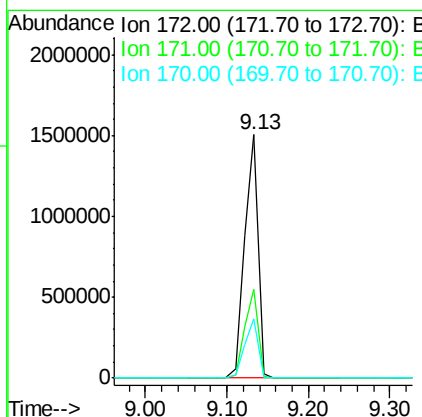
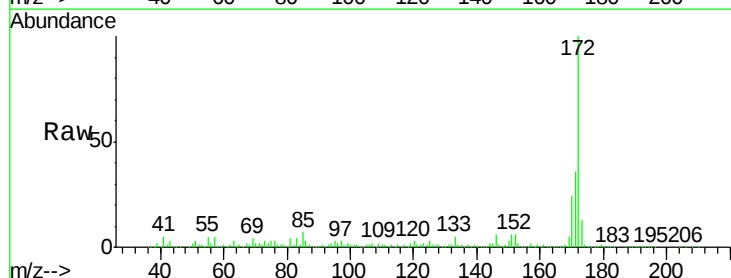
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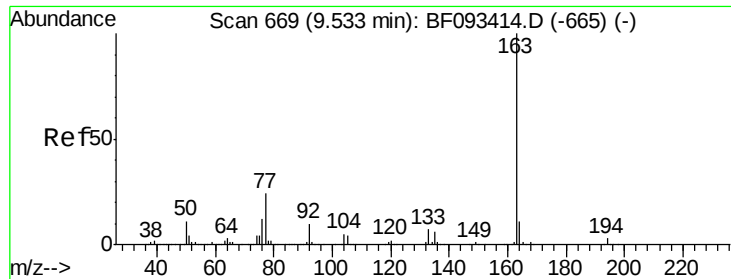
Tot Ion:330 Resp: 196718
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 49.4 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 151.81 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093428.D
 Acq: 7 Mar 2017 19:35

Tgt Ion:172 Resp: 1711611
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 20.2 30.4

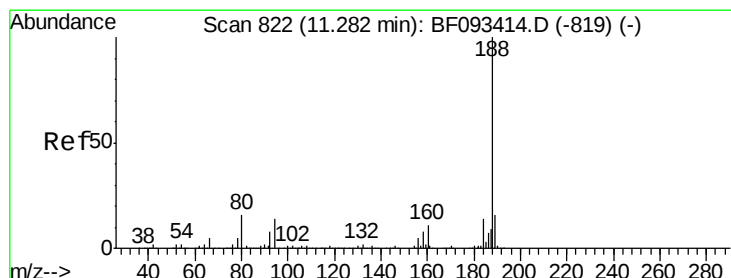
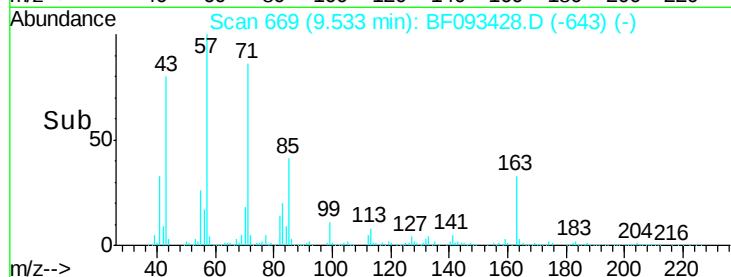
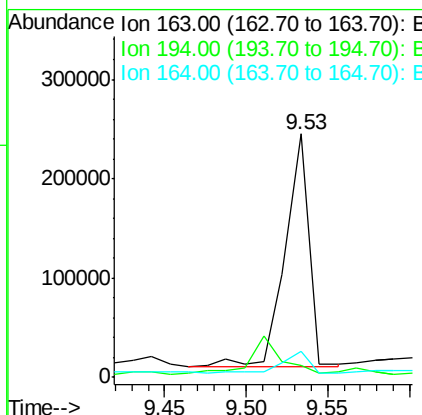
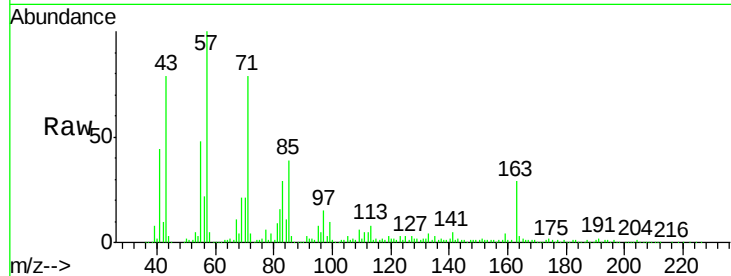




#49
Dimethylphthalate
Concen: 17.47 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

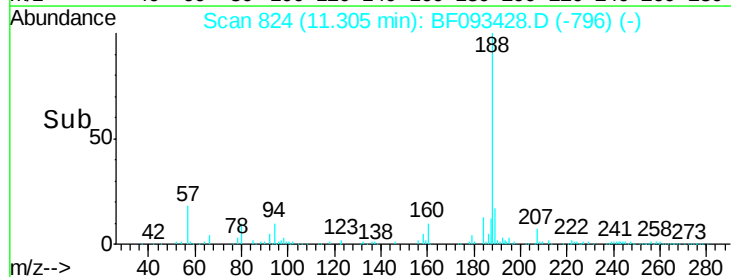
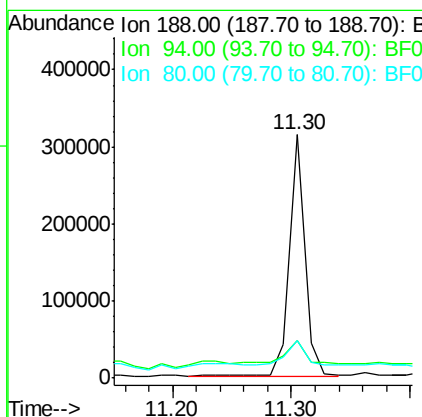
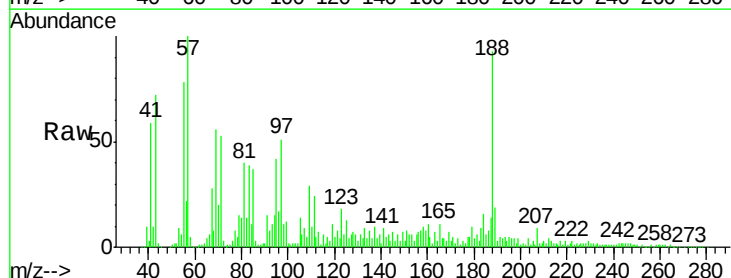
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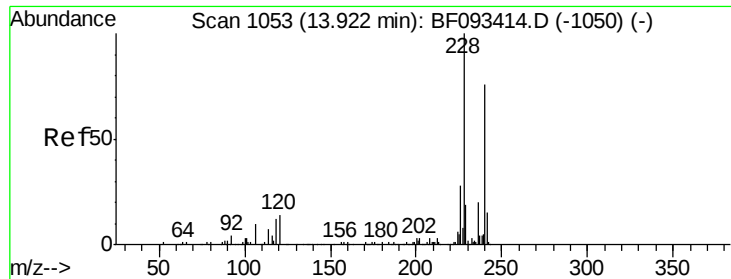
Tot Ion:163 Resp: 242852
Ion Ratio Lower Upper
163 100
194 5.0 3.0 4.4#
164 10.8 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 824
Delta R.T. 0.02 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

Tgt Ion:188 Resp: 280529
Ion Ratio Lower Upper
188 100
94 15.6 10.0 15.0#
80 15.4 11.2 16.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTERRE

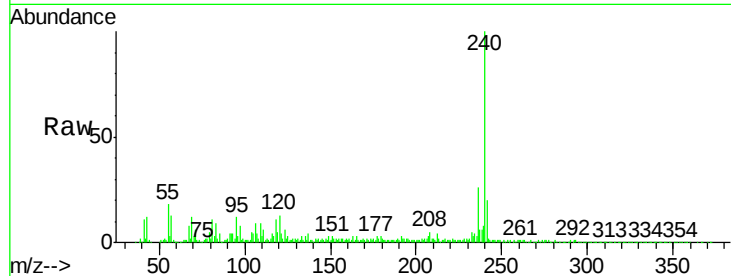
Tot Ion:240 Resp: 356456

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

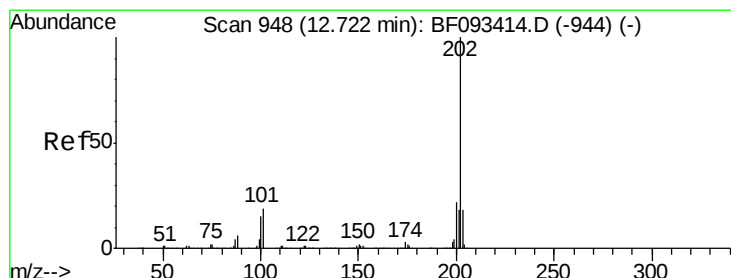
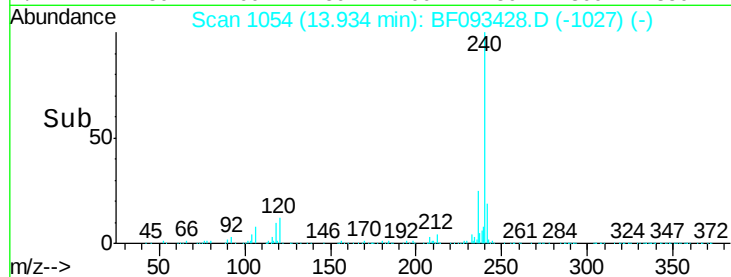
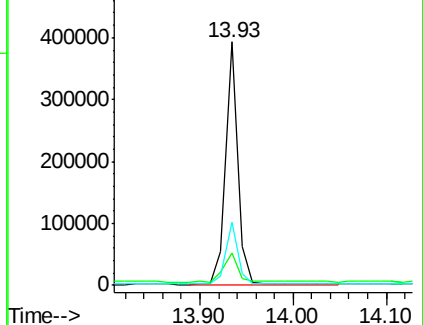
236 25.8 20.9 31.3



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

Pyrene

Concen: 2.67 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.02 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

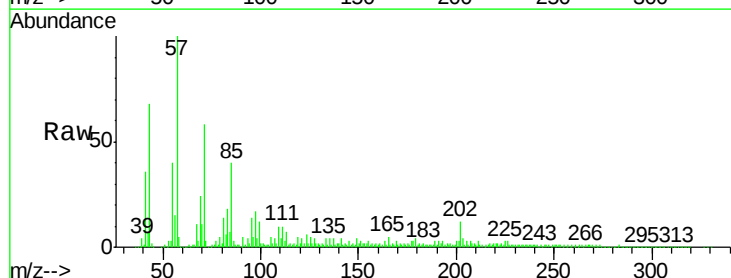
Tgt Ion:202 Resp: 69140

Ion Ratio Lower Upper

202 100

200 25.2 17.7 26.5

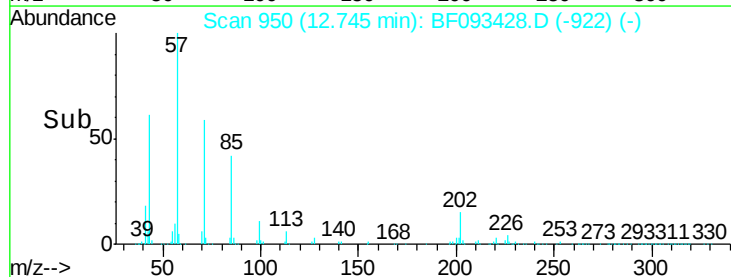
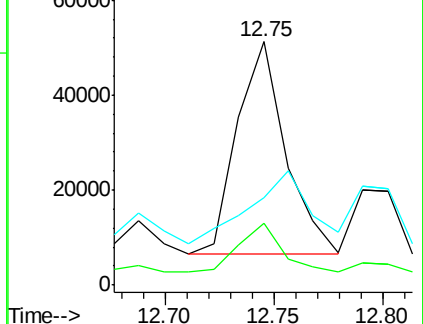
203 35.8 14.7 22.1#

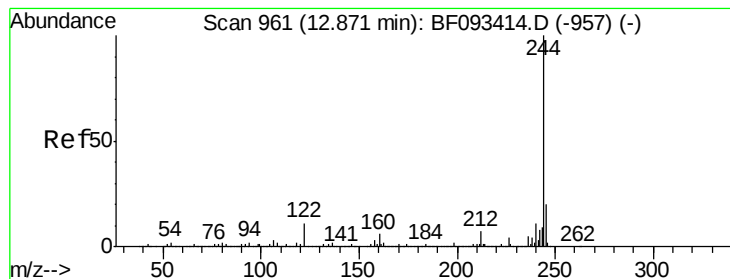


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.12 ng

RT: 12.88 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

Instrument :

BNA_F

ClientSampleId :

IMPACT-2-FROMDUMPSTERRE

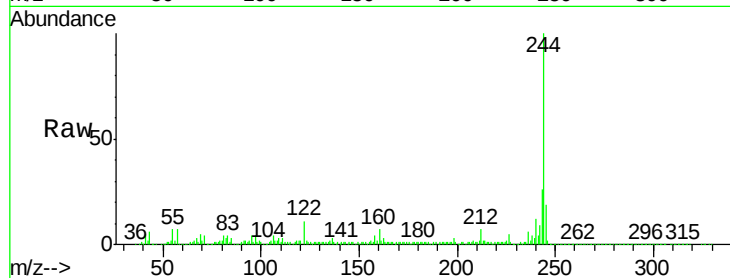
Tot Ion:244 Resp: 1112183

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

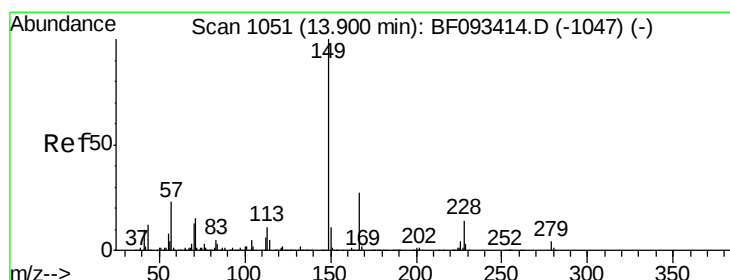
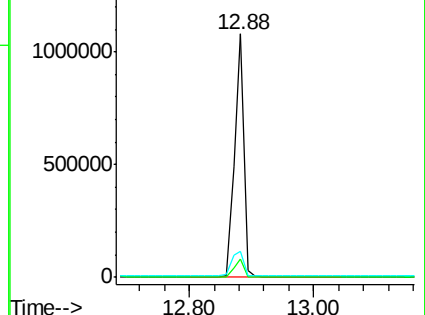
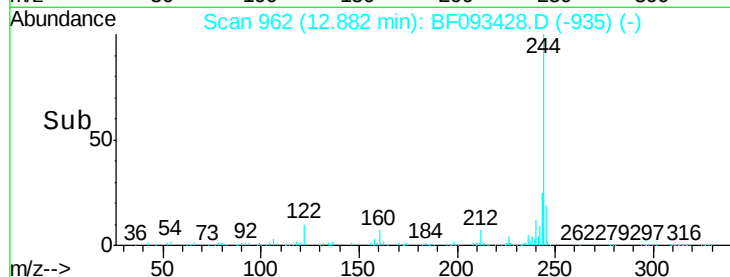
122 10.7 11.4 17.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.92 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF093428.D

Acq: 7 Mar 2017 19:35

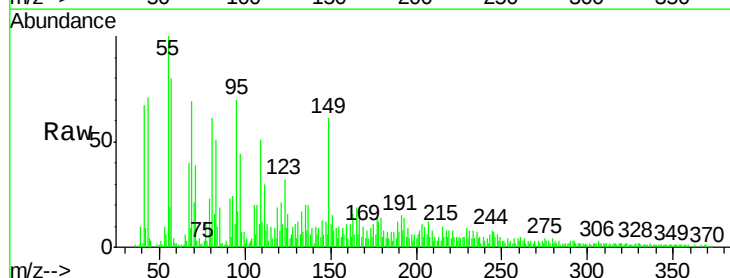
Tgt Ion:149 Resp: 44468

Ion Ratio Lower Upper

149 100

167 29.1 20.2 30.4

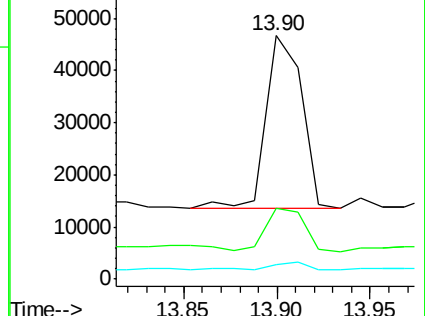
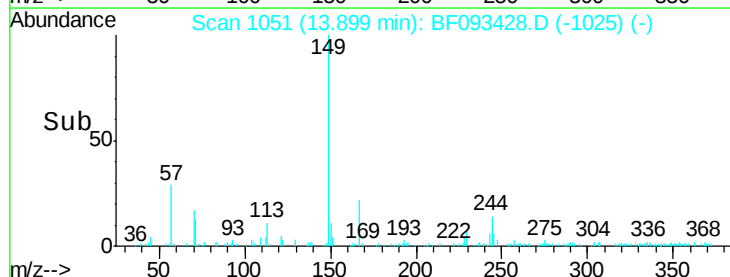
279 5.9 1.8 2.8#

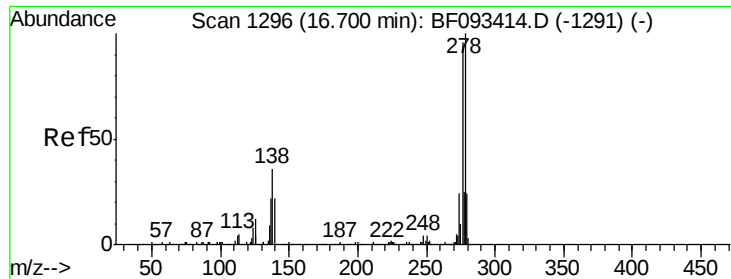


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

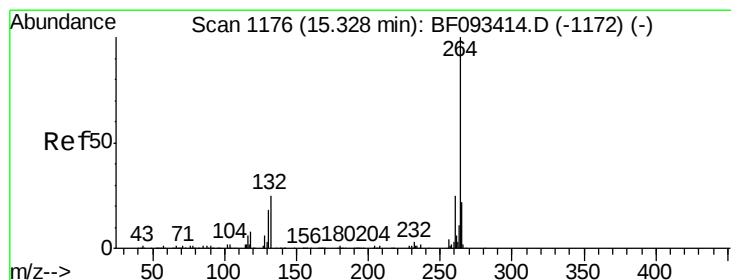
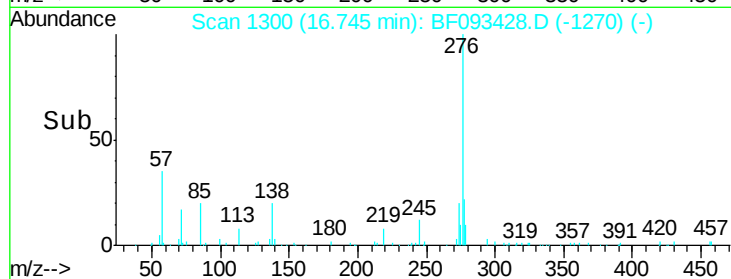
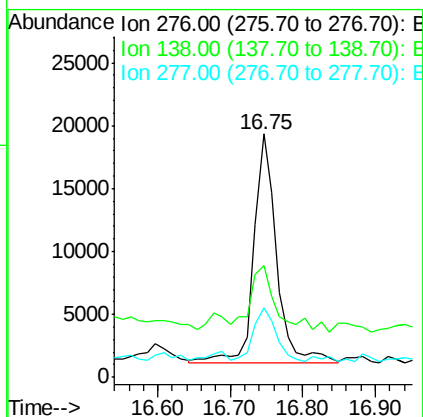
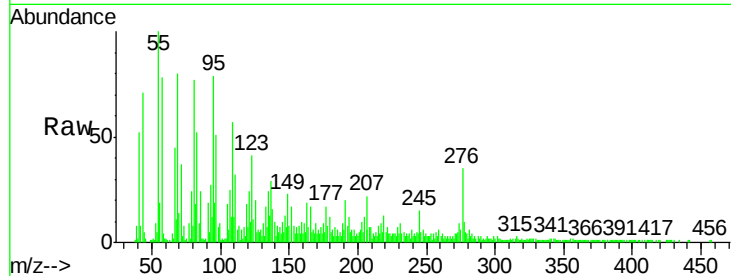




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.46 ng
RT: 16.75 min Scan# 1300
Delta R.T. 0.05 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

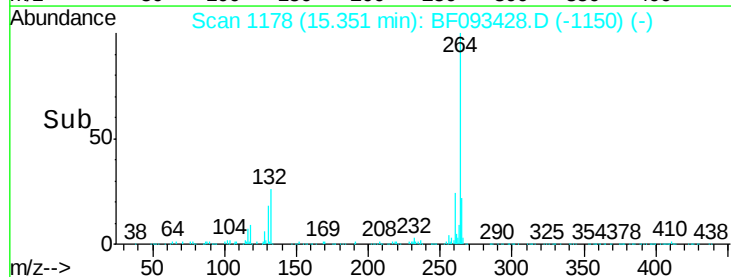
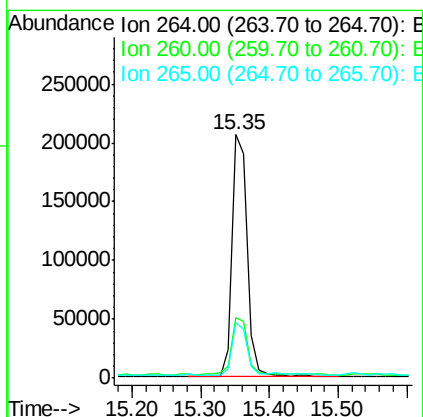
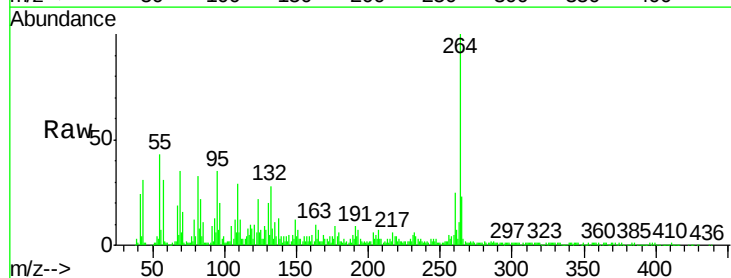
Instrument :
BNA_F
ClientSampleId :
IMPACT-2-FROMDUMPSTERRE

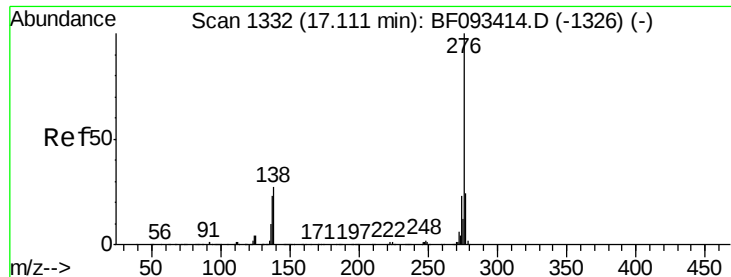
Tot Ion:276 Resp: 40168
Ion Ratio Lower Upper
276 100
138 26.5 21.8 32.6
277 24.0 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093428.D
Acq: 7 Mar 2017 19:35

Tgt Ion:264 Resp: 323001
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 22.8 17.4 26.0





#91
 Benzo(a,h,i)perylene
 Concen: 18.05 ng
 RT: 17.16 min Scan# 1336
 Delta R.T. 0.05 min
 Lab File: BF093428.D
 Acq: 7 Mar 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTERRE

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	30.0	16.0	24.0

