

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
 Data File : BF093001.D
 Acq On : 17 Feb 2017 00:32
 Operator : SJ/MA
 Sample : I1868-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-AB-COMP

Quant Time: Feb 17 03:48:25 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 23:55:37 2017
 Response via : Initial Calibration

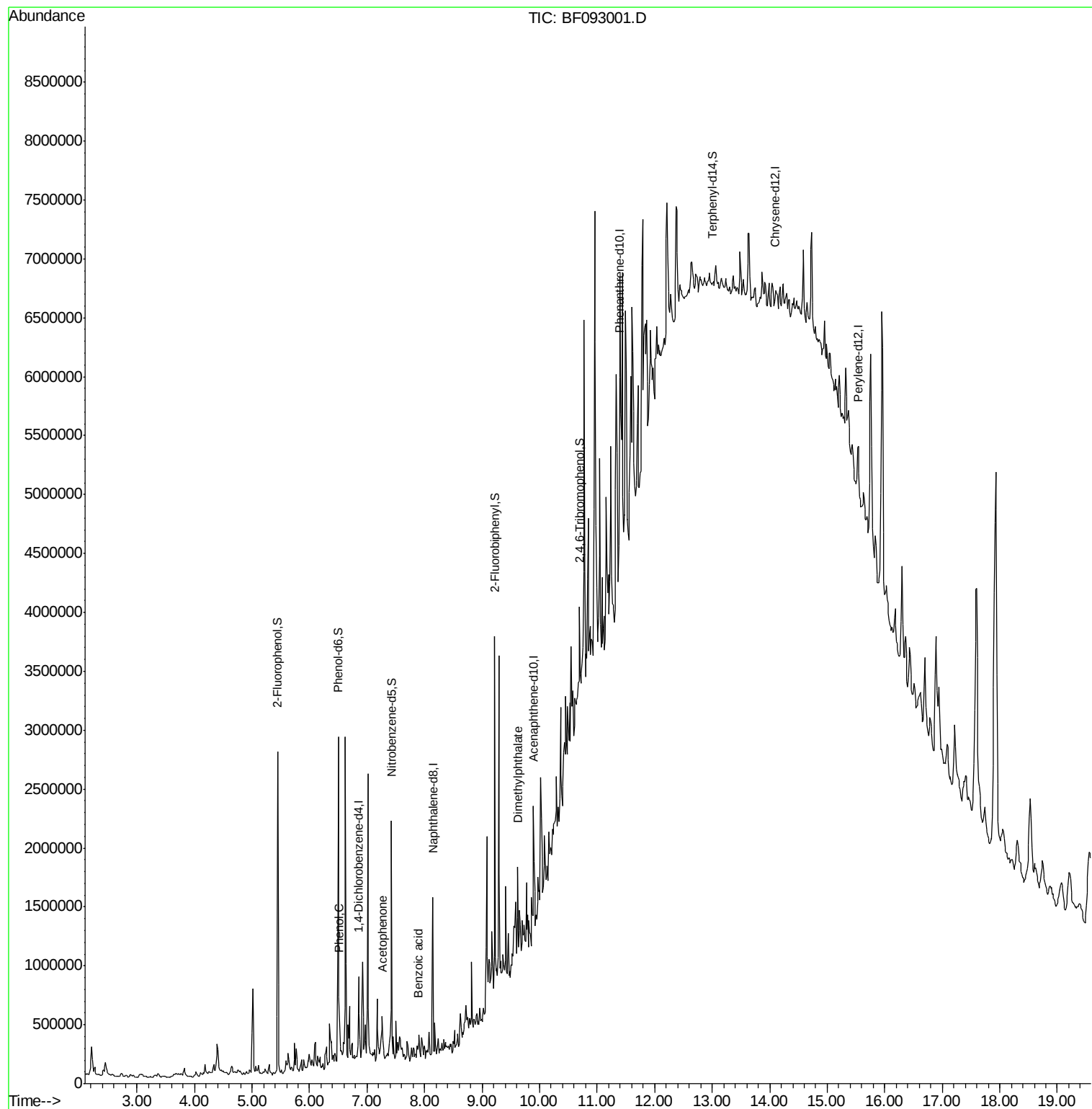
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121648	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	479849	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	210158	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	250910	20.00	ng	0.01
75) Chrysene-d12	14.10	240	56797m	20.00	ng	0.08
86) Perylene-d12	15.54	264	118887	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	782691	110.38	ng	0.00
7) Phenol-d6	6.50	99	968298	106.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	573497	66.56	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	146062	96.09	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	886294	76.40	ng	0.00
78) Terphenyl-d14	13.01	244	238830	98.80	ng	0.05
Target Compounds						
10) Phenol	6.51	94	32870	3.08	ng	Qvalue 86
22) Acetophenone	7.26	105	78461	7.16	ng	# 96
32) Benzoic acid	7.89	122	29643	13.19	ng	94
49) Dimethylphthalate	9.62	163	145445	10.27	ng	# 97

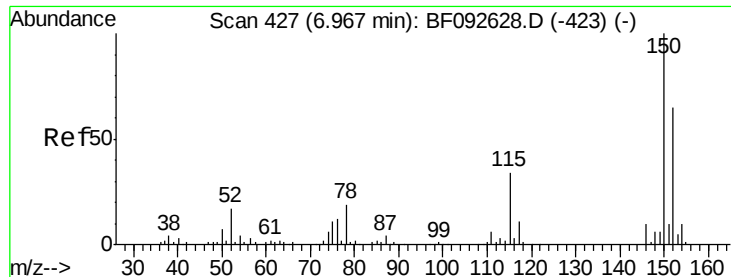
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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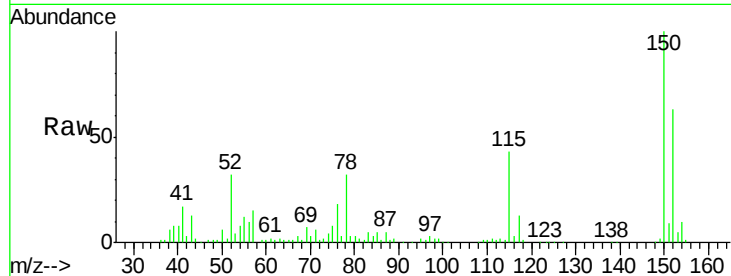


#1

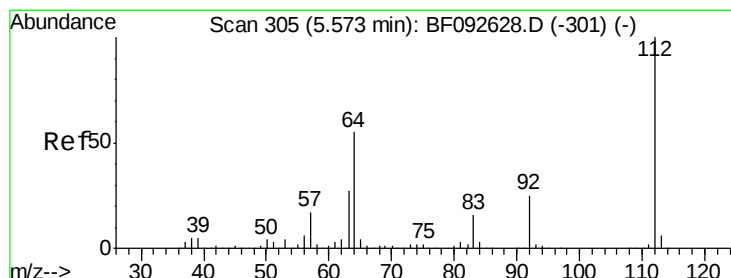
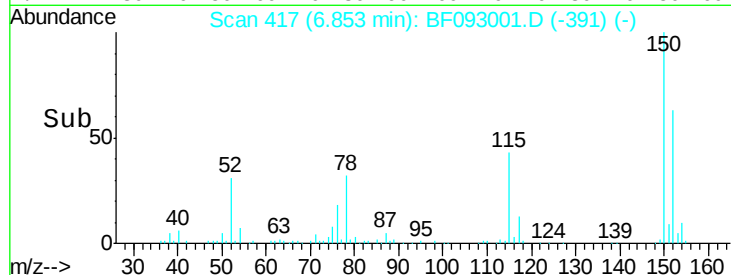
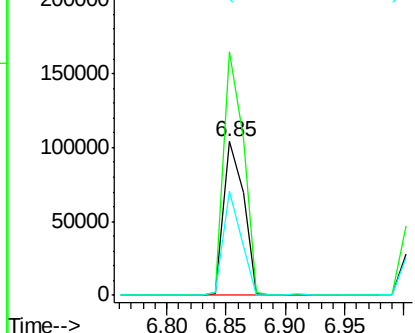
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:152 Resp: 121648
Ion Ratio Lower Upper
152 100
150 158.5 124.9 187.3
115 67.9 46.0 69.0



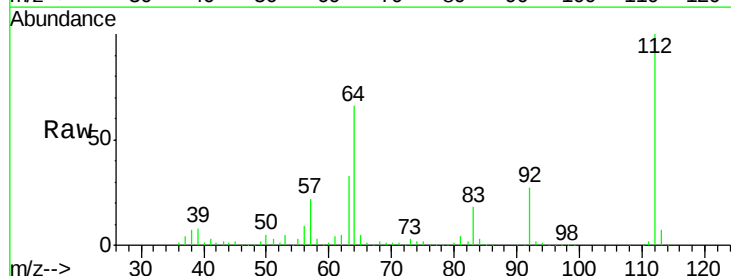
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



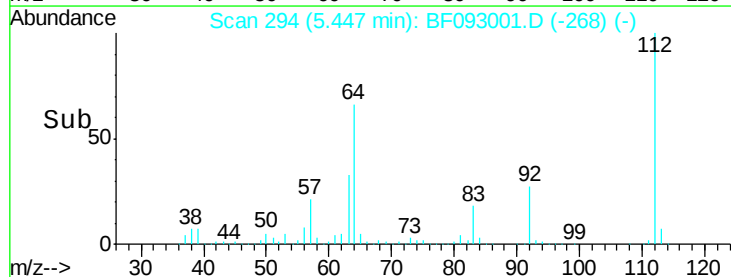
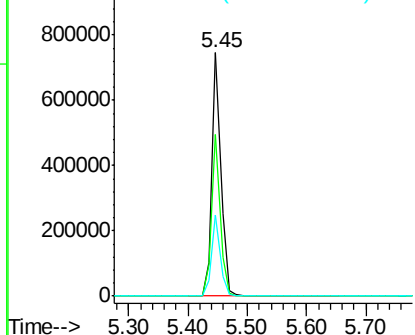
#5

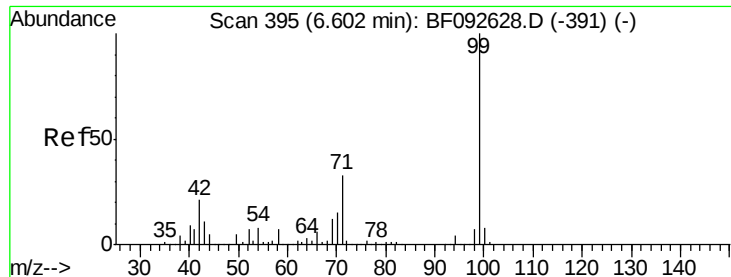
2-Fluorophenol
Concen: 110.38 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:112 Resp: 782691
Ion Ratio Lower Upper
112 100
64 66.3 46.1 69.1
63 33.2 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: 106.13 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMP

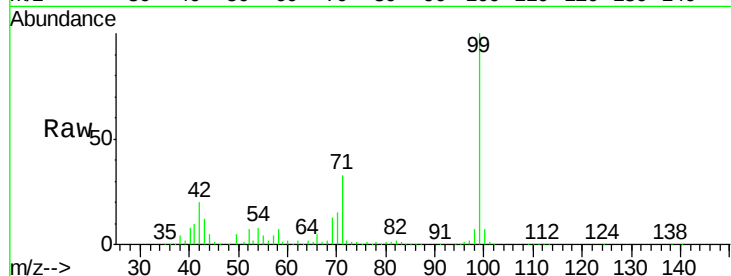
Tgt Ion: 99 Resp: 968298

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

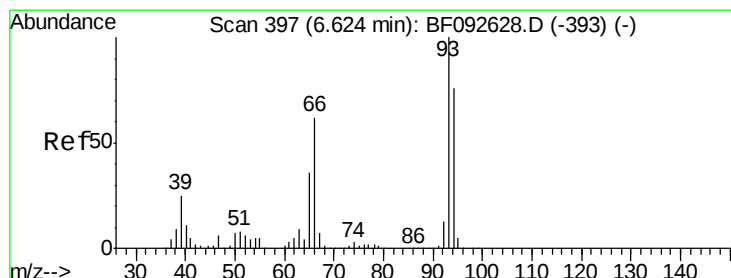
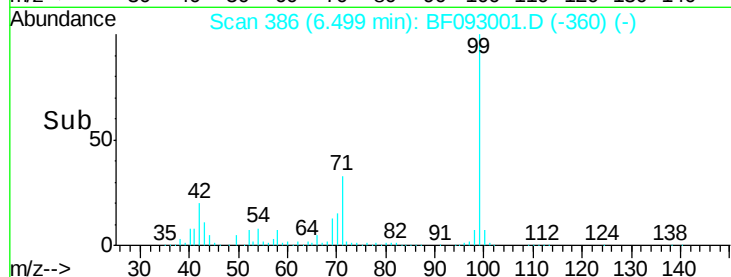
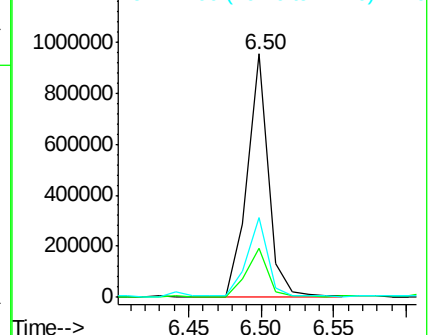
71 33.0 27.5 41.3



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: 3.08 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

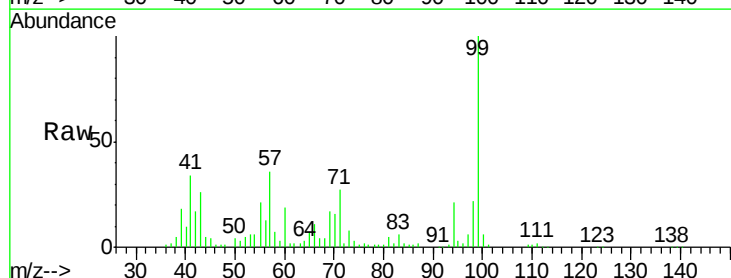
Tgt Ion: 94 Resp: 32870

Ion Ratio Lower Upper

94 100

65 33.3 21.4 61.4

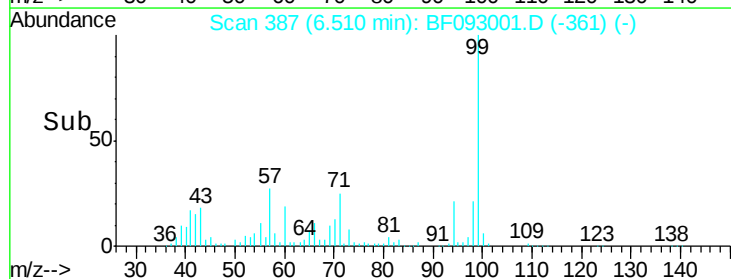
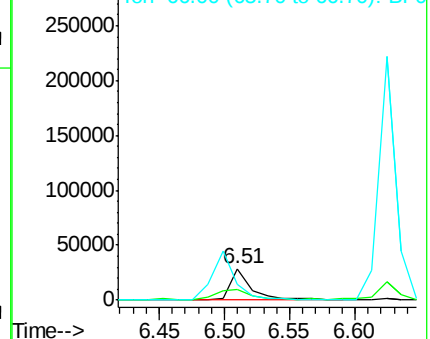
66 52.2 44.0 84.0

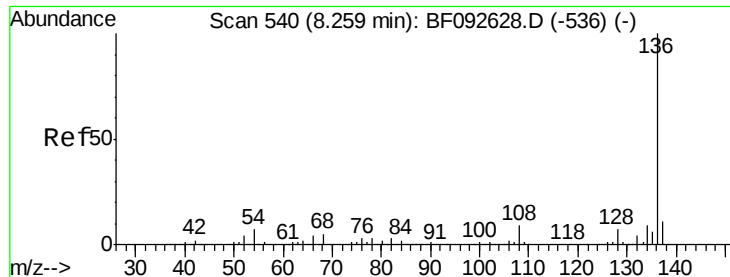


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

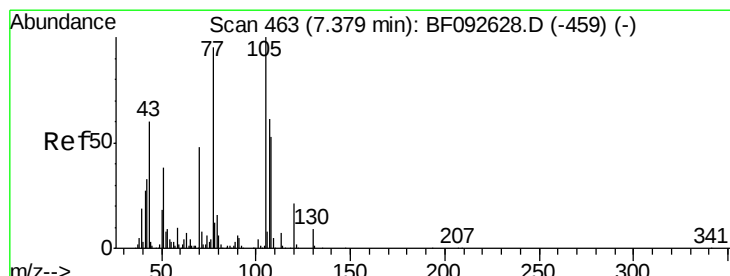
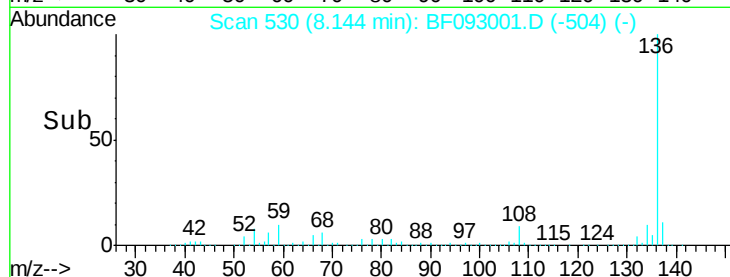
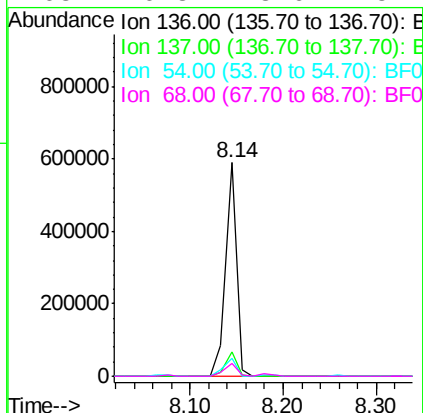
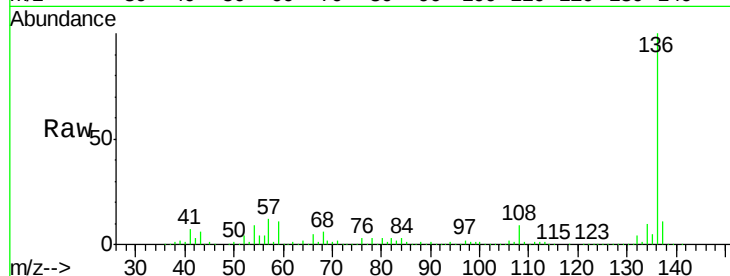




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

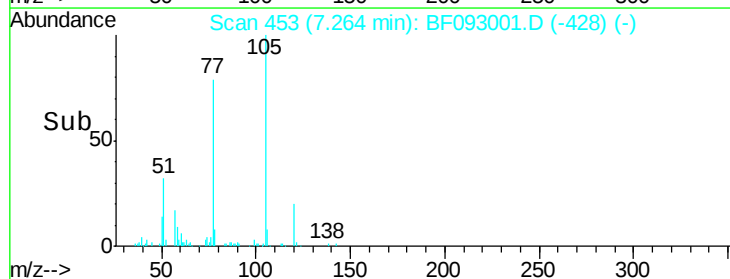
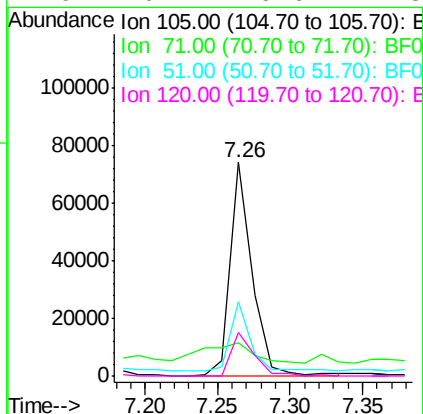
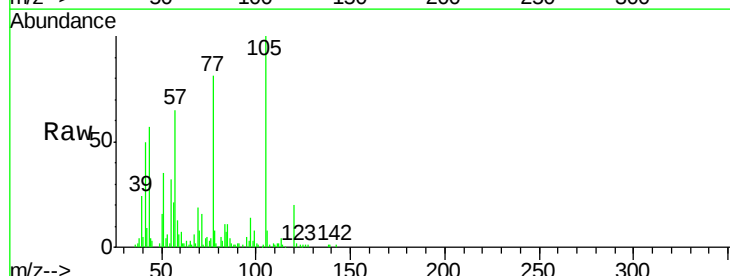
Instrument :
BNA_F
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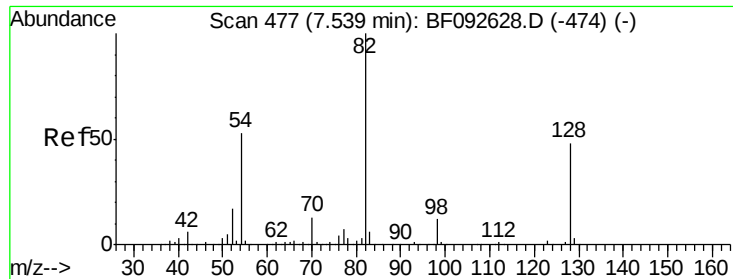
Tgt Ion:	136	Resp:	479849
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.5	4.5	6.7#
68	6.3	3.6	5.4#



#22
Acetophenone
Concen: 7.16 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:	105	Resp:	78461
Ion	Ratio	Lower	Upper
105	100		
71	15.5	3.2	4.8#
51	34.6	26.2	39.4
120	20.4	16.6	24.8

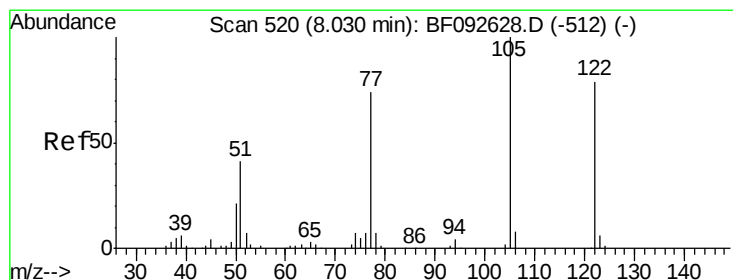
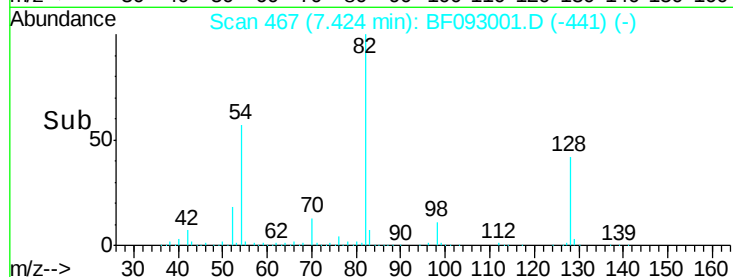
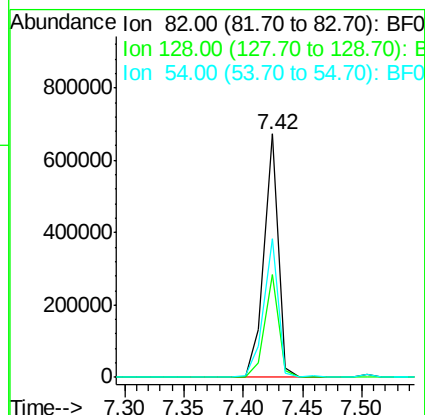
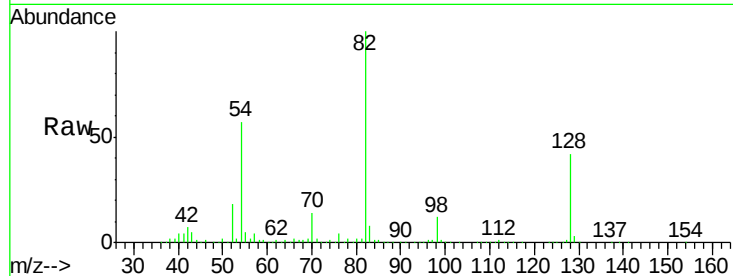




#23
 Nitrobenzene-d5
 Concen: 66.56 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093001.D
 Acq: 17 Feb 2017 00:32

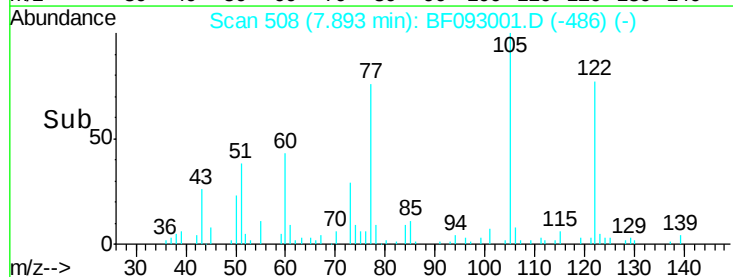
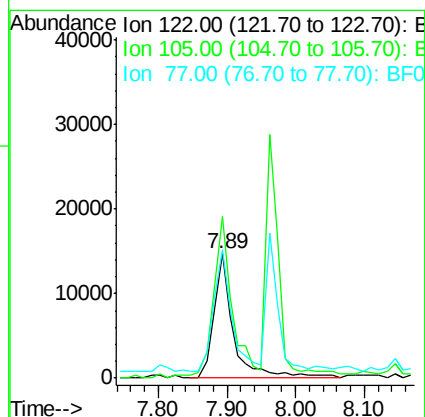
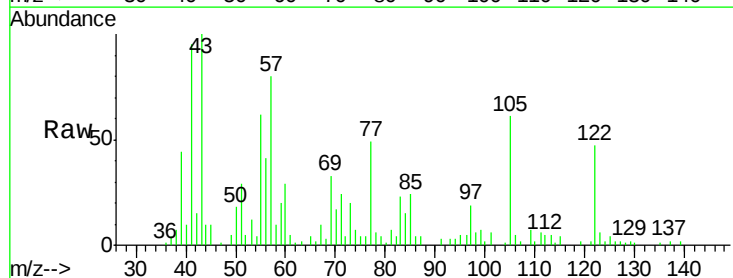
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-AB-COMP

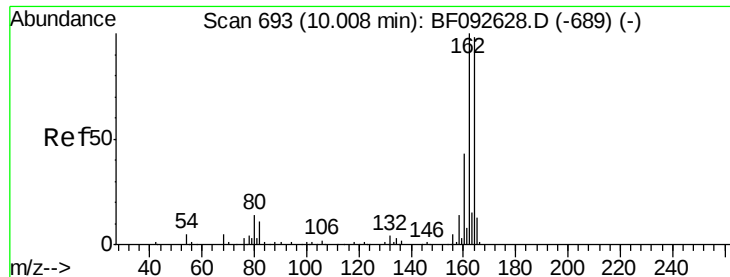
Tgt Ion: 82 Resp: 573497
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 52.0
 54 57.0 39.5 59.3



#32
 Benzoic acid
 Concen: 13.19 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.05 min
 Lab File: BF093001.D
 Acq: 17 Feb 2017 00:32

Tgt Ion: 122 Resp: 29643
 Ion Ratio Lower Upper
 122 100
 105 130.0 107.2 147.2
 77 104.0 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMP

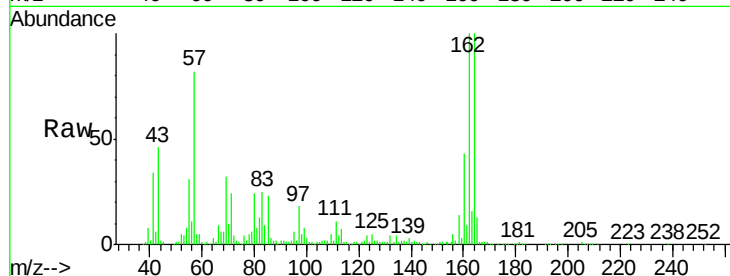
Tgt Ion:164 Resp: 210158

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

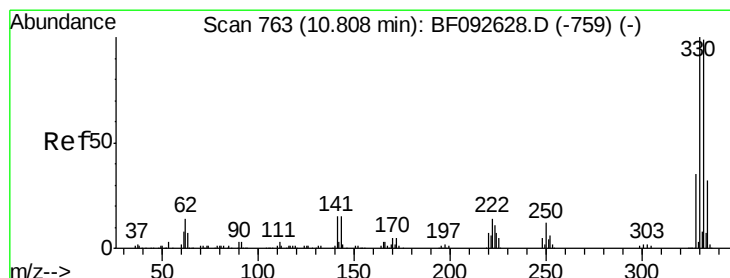
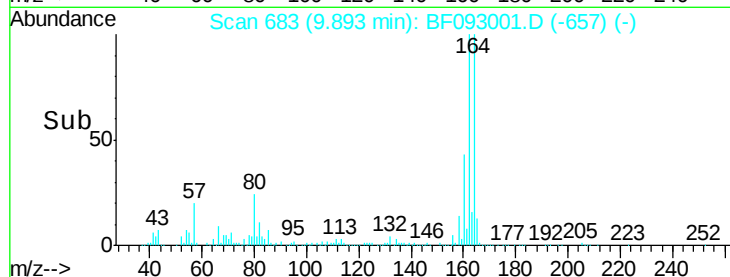
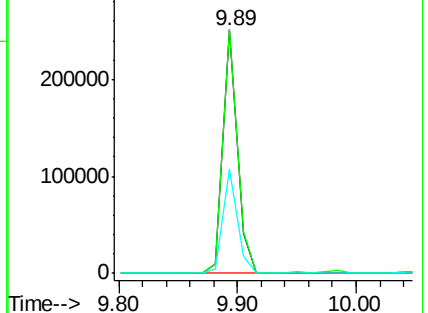
160 42.6 36.9 55.3



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: 96.09 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

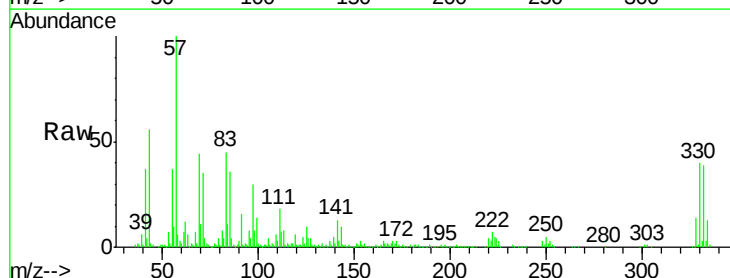
Tgt Ion:330 Resp: 146062

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

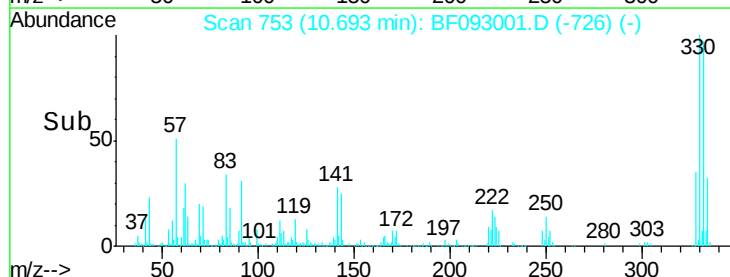
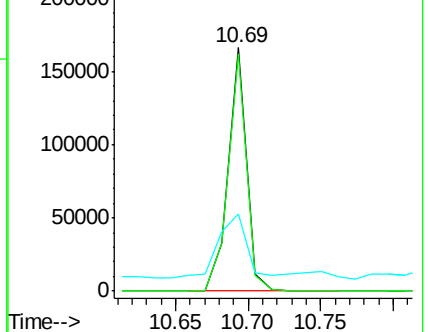
141 41.3 34.1 51.1

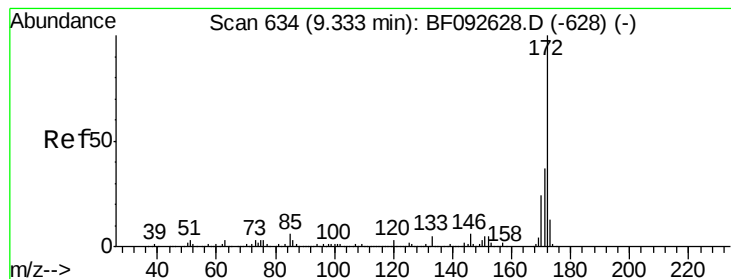


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.40 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMP

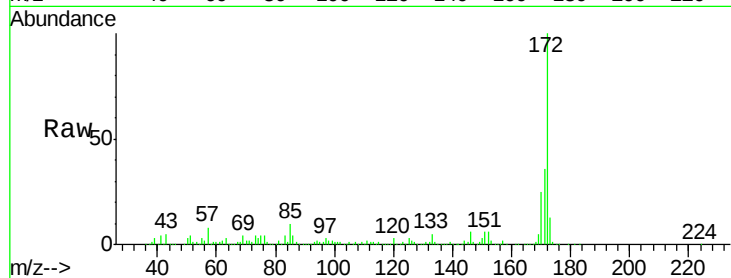
Tgt Ion:172 Resp: 886294

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

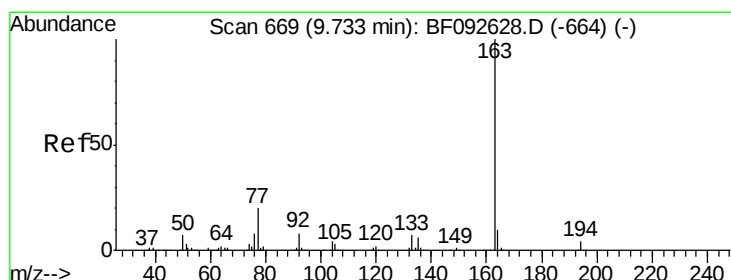
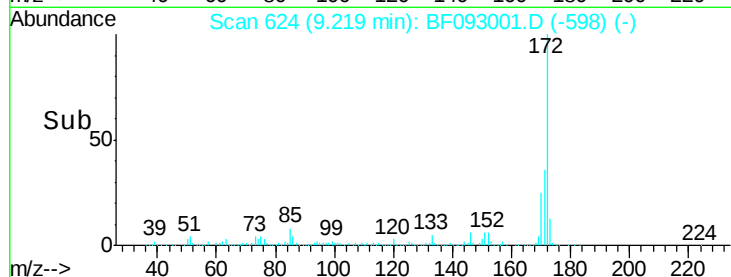
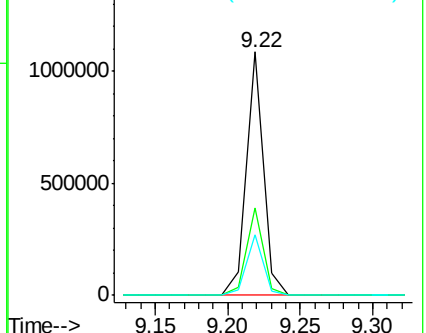
170 24.7 20.2 30.4



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: 10.27 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

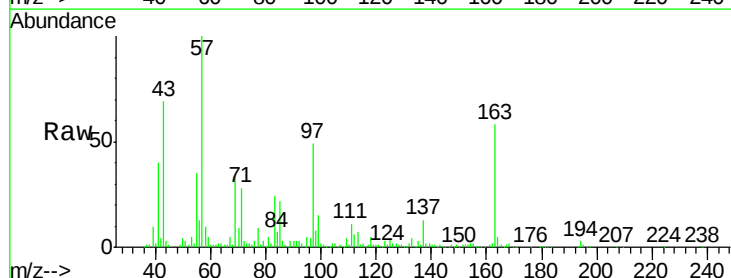
Tgt Ion:163 Resp: 145445

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.4#

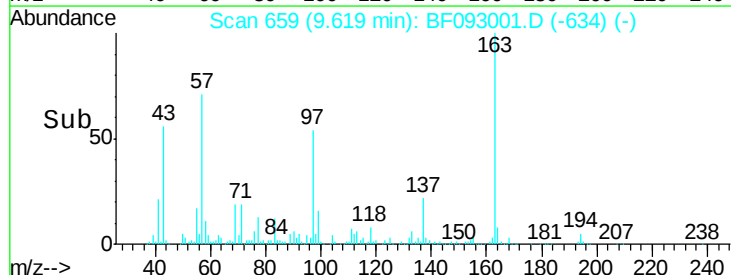
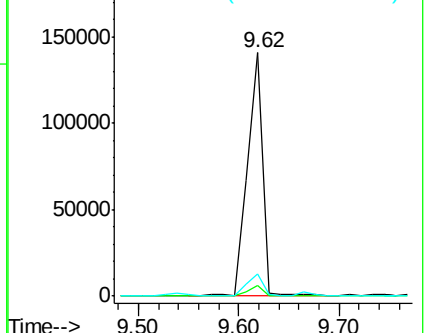
164 8.9 8.0 12.0

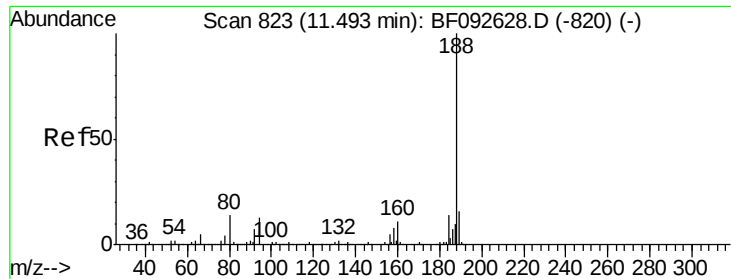


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

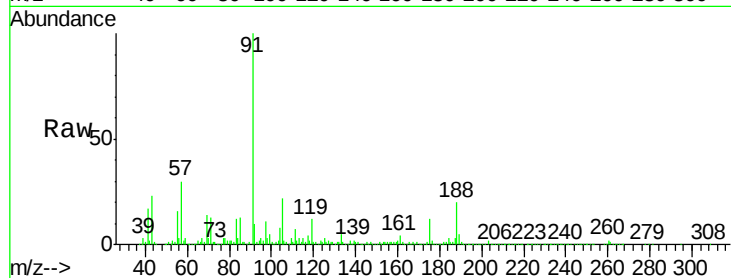




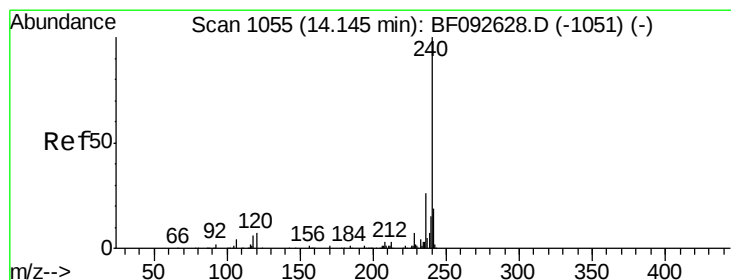
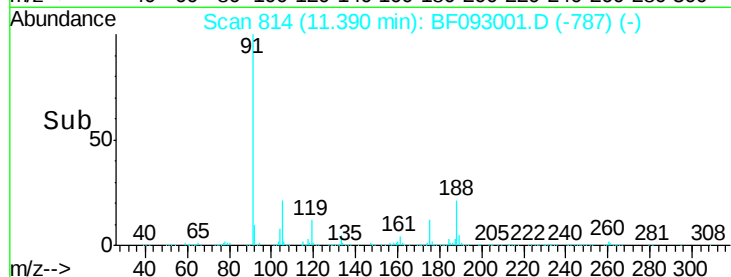
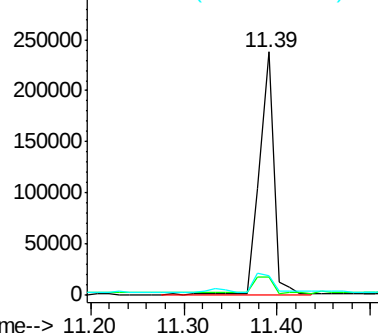
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:188 Resp: 250910
Ion Ratio Lower Upper
188 100
94 7.5 10.0 15.0#
80 8.1 11.2 16.8#

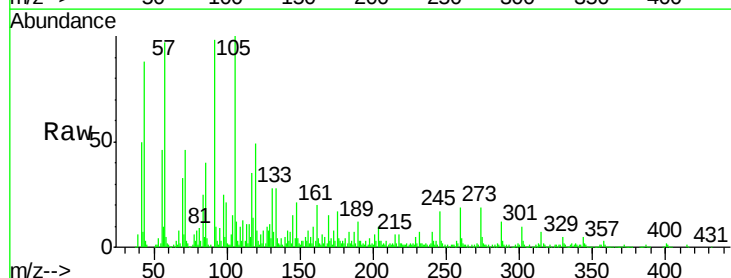


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

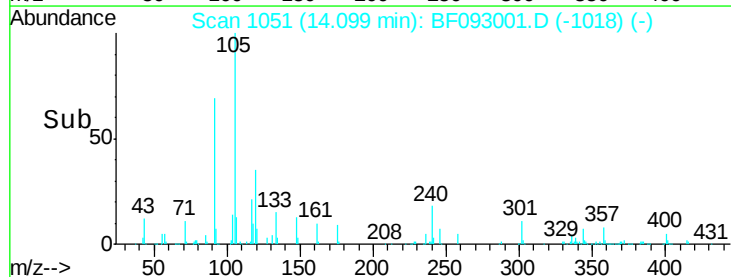
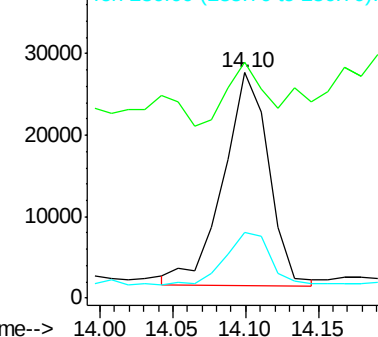


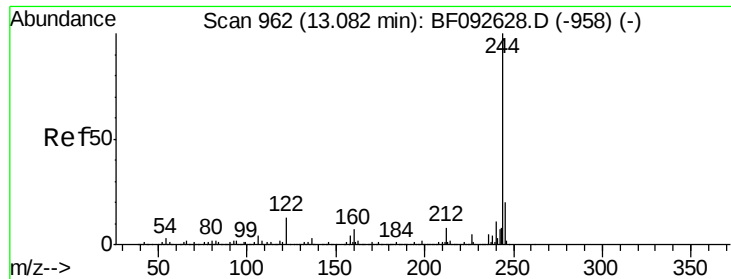
#75
Chrysene-d12
Concen: 20.00 ng m
RT: 14.10 min Scan# 1051
Delta R.T. 0.08 min
Lab File: BF093001.D
Acq: 17 Feb 2017 00:32

Tgt Ion:240 Resp: 56797
Ion Ratio Lower Upper
240 100
120 104.7 12.9 19.3#
236 29.2 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





#78

Terphenyl-d14

Concen: 98.80 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.05 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMP

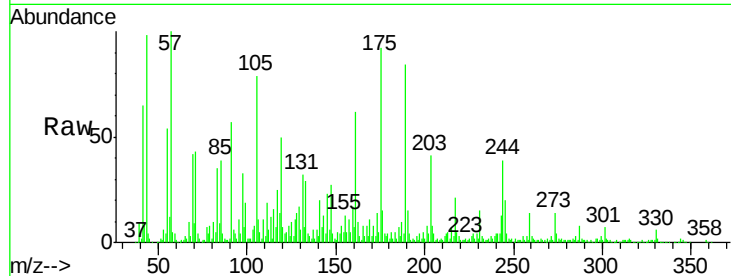
Tgt Ion:244 Resp: 238830

Ion Ratio Lower Upper

244 100

212 9.4 6.2 9.2#

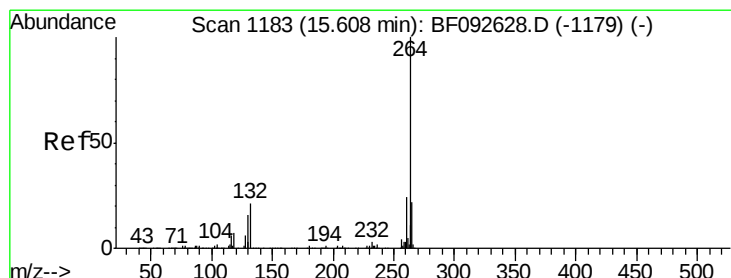
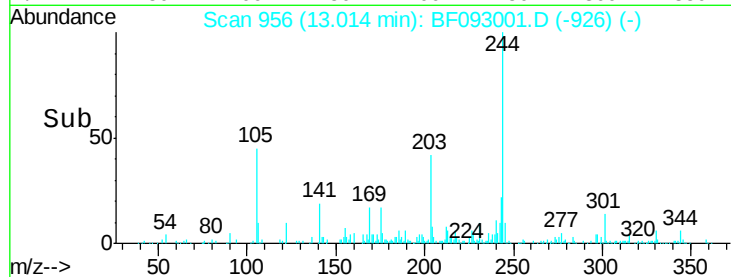
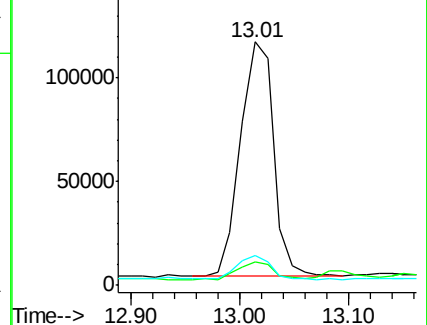
122 12.3 11.4 17.2



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 1177

Delta R.T. 0.09 min

Lab File: BF093001.D

Acq: 17 Feb 2017 00:32

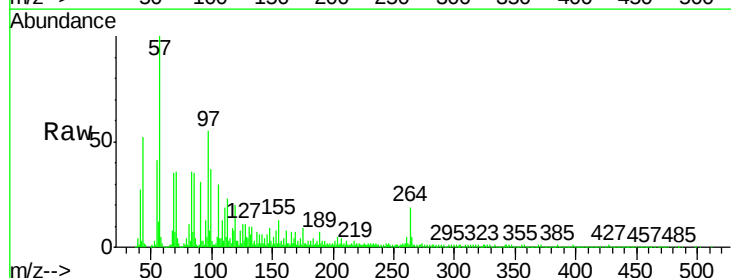
Tgt Ion:264 Resp: 118887

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 26.5 17.4 26.0#



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

