

Data File : BF093039.D
Acq On : 20 Feb 2017 20:15
Operator : SJ/MA
Sample : I1909-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NWP-RW-3

Quant Time: Feb 20 23:43:32 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152538	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	575115	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	290567	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	480038	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	379415	20.00	ng	-0.01
86) Perylene-d12	15.43	264	277618	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	618300	69.54	ng	-0.01
7) Phenol-d6	6.48	99	508366	44.44	ng	-0.01
23) Nitrobenzene-d5	7.41	82	858930	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	294235	140.01	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1643092	102.45	ng	0.00
78) Terphenyl-d14	12.96	244	1267244	78.48	ng	-0.01
Target Compounds						
18) Hexachloroethane	7.41	117	41065	10.35	ng	# 1
19) n-Nitroso-di-n-propylamine	7.41	70	111427	15.30	ng	# 83
25) Isophorone	7.41	82	694960	36.11	ng	# 65
49) Dimethylphthalate	9.61	163	157631	8.05	ng	98
59) Diethylphthalate	10.30	149	48975	2.66	ng	98
64) 4,6-Dinitro-2-methylphenol	10.51	198	259	2.75	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	22790	4.54	ng	# 1

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

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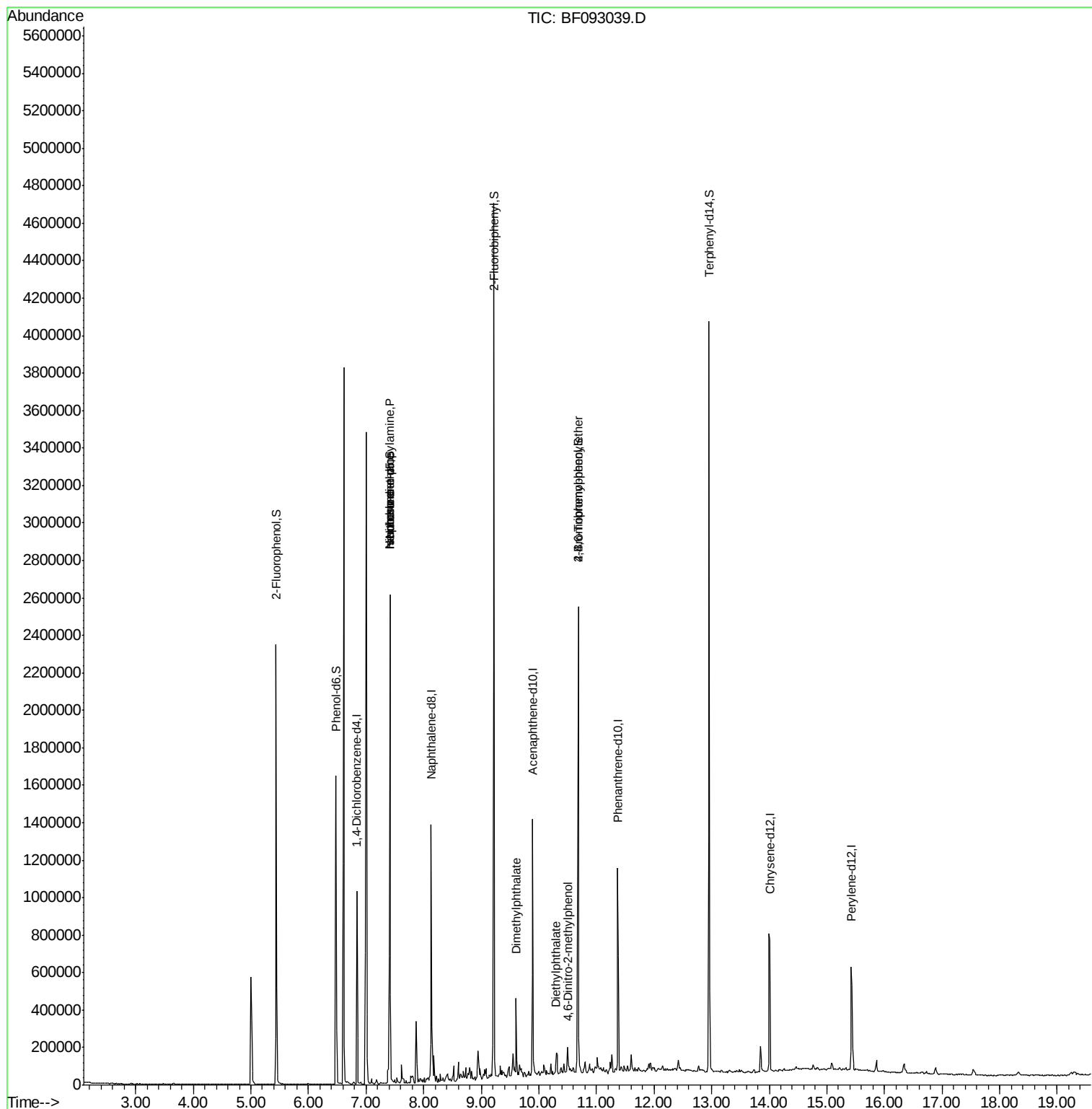
Quant Time: Feb 20 23:43:32 2017

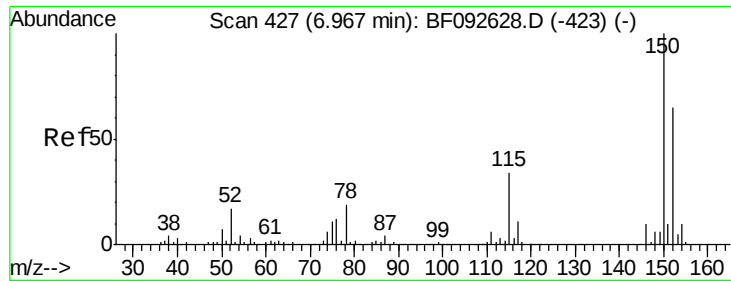
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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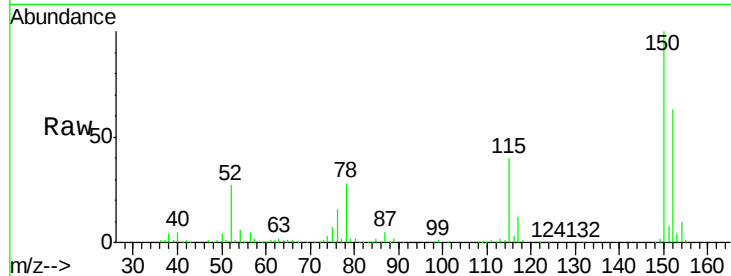


#1

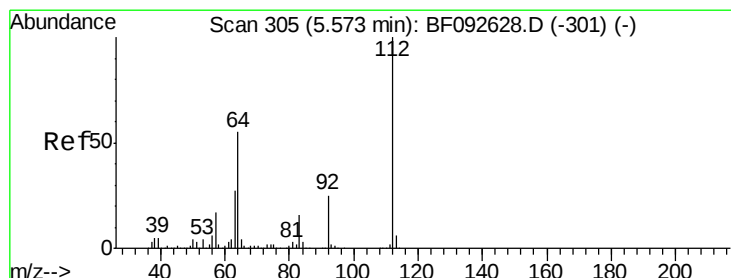
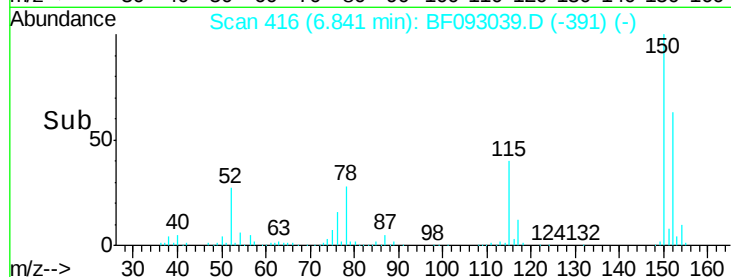
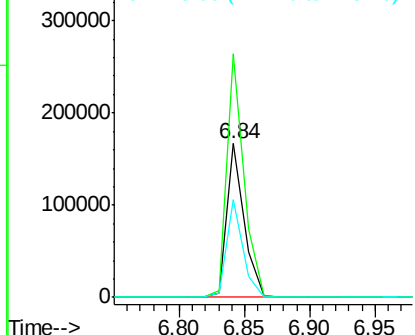
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093039.D
 Acq: 20 Feb 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NWP-RW-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	63.7	46.0	69.0



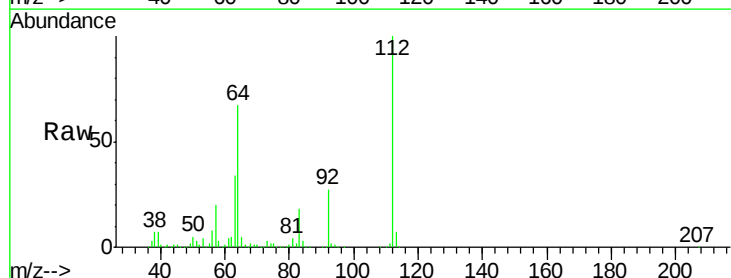
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



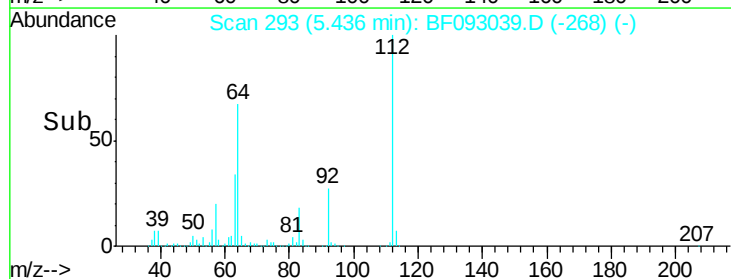
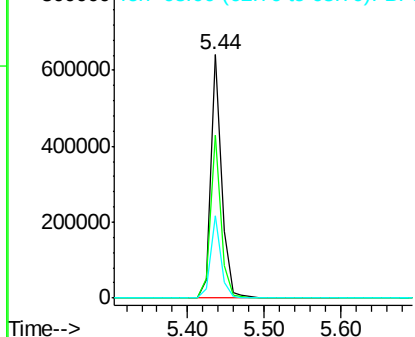
#5

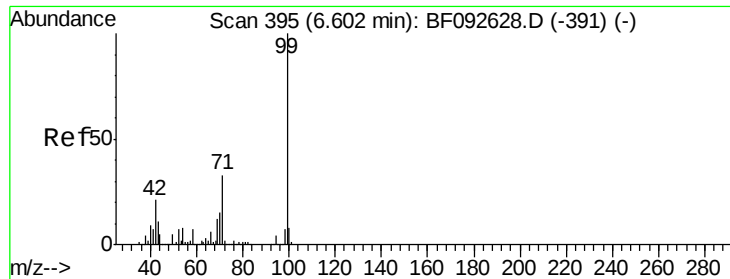
2-Fluorophenol
 Concen: 69.54 ng
 RT: 5.44 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BF093039.D
 Acq: 20 Feb 2017 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.1	69.1
63	33.6	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: 44.44 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

Instrument :

BNA_F

ClientSampleId :

NWP-RW-3

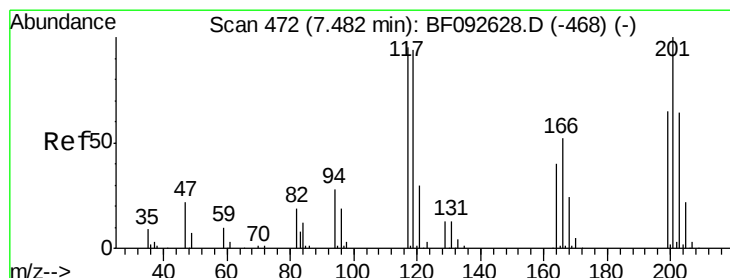
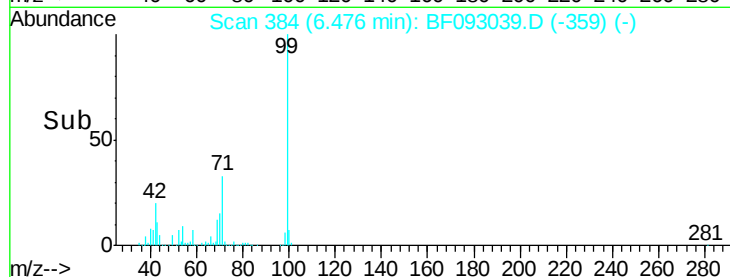
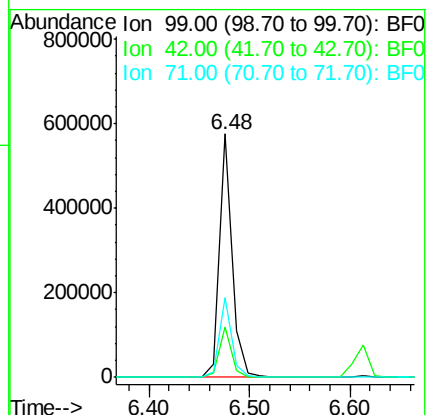
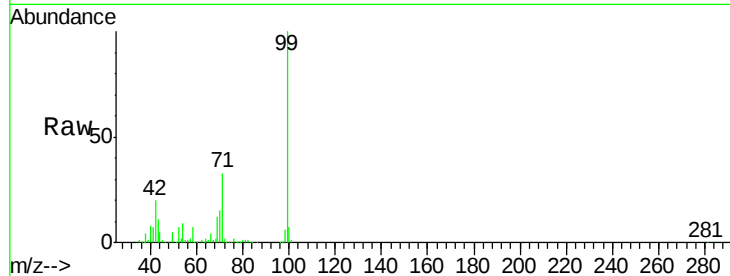
Tgt Ion: 99 Resp: 508366

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 32.7 27.5 41.3



#18

Hexachloroethane

Concen: 10.35 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.05 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

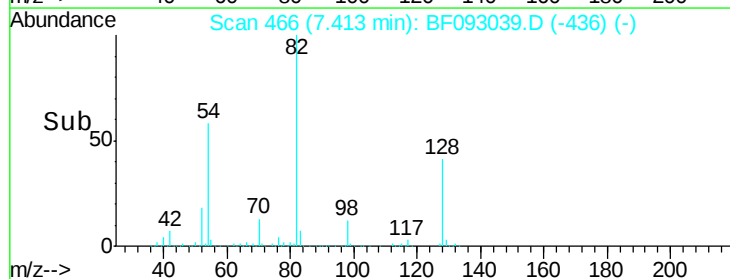
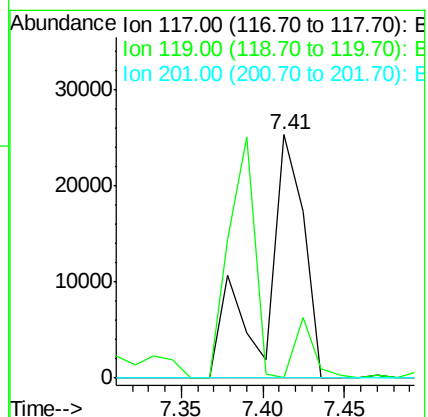
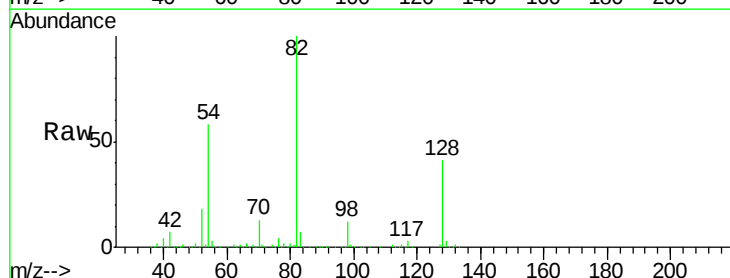
Tgt Ion: 117 Resp: 41065

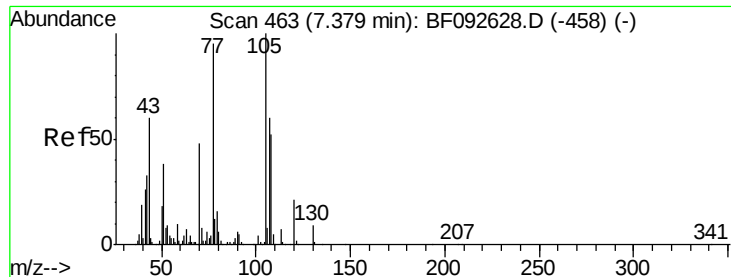
Ion Ratio Lower Upper

117 100

119 0.0 78.1 117.1#

201 0.0 78.6 117.8#

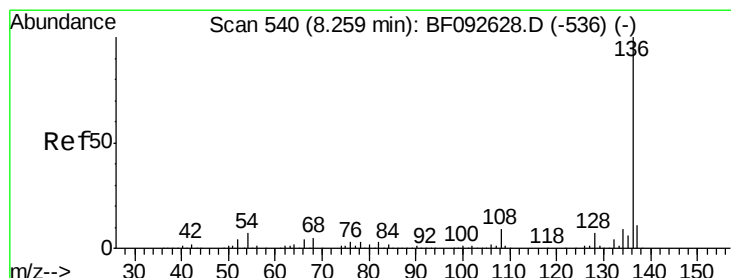
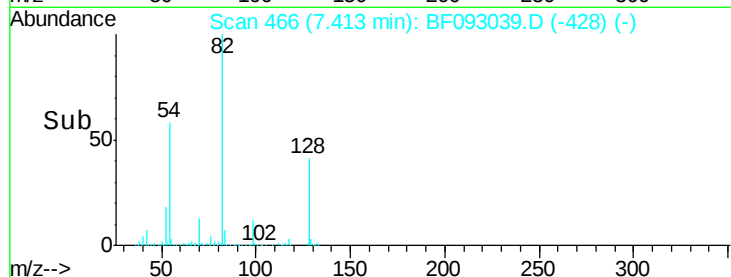
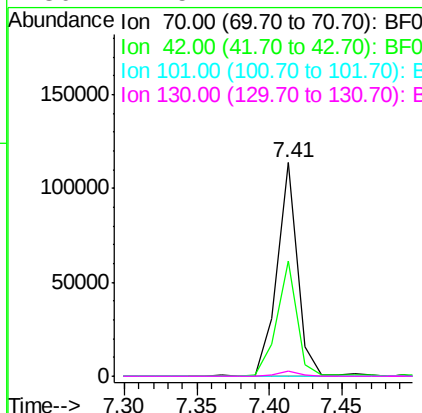
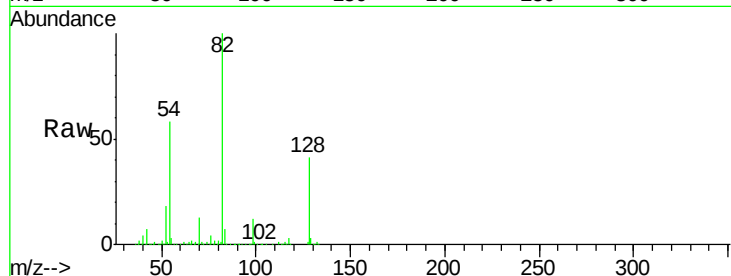




#19
n-Nitroso-di-n-propylamine
Concen: 15.30 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093039.D
Acq: 20 Feb 2017 20:15

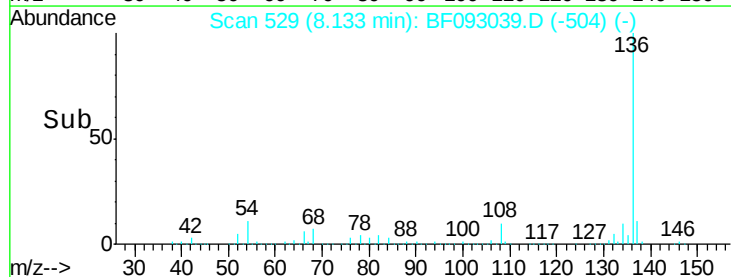
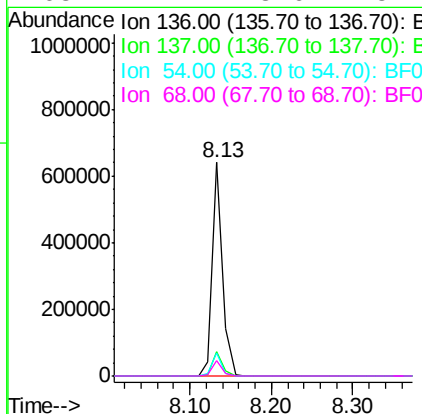
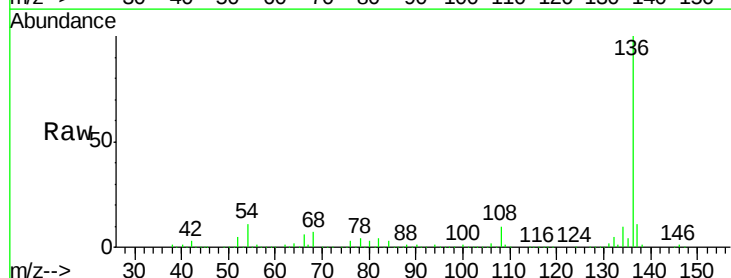
Instrument :
BNA_F
ClientSampleId :
NWP-RW-3

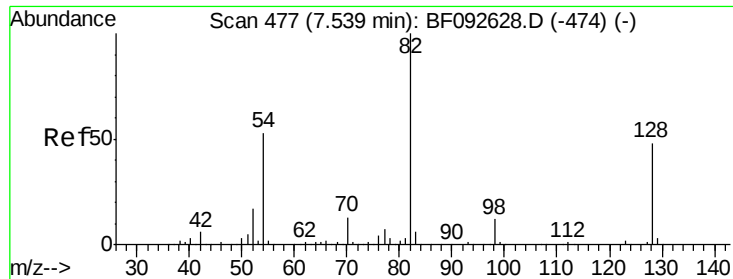
Tgt Ion: 70 Resp: 111427
Ion Ratio Lower Upper
70 100
42 53.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093039.D
Acq: 20 Feb 2017 20:15

Tgt Ion: 136 Resp: 575115
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 10.7 4.5 6.7#
68 7.4 3.6 5.4#

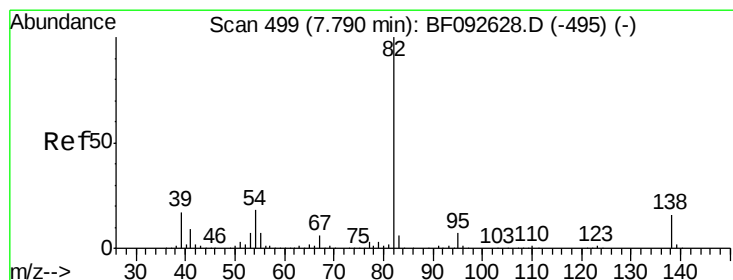
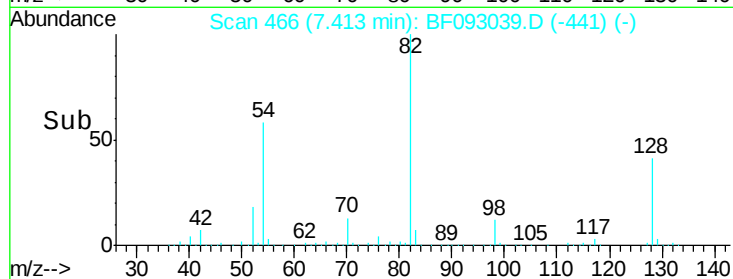
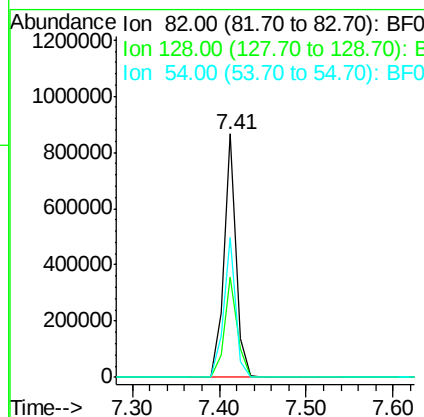
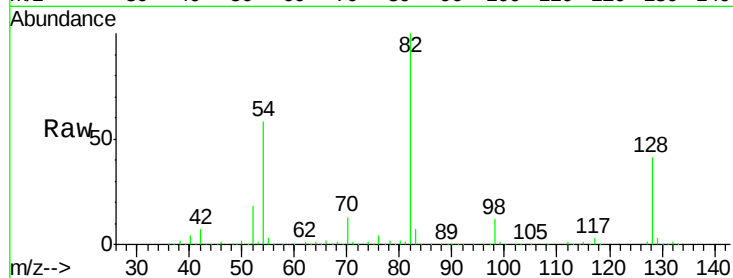




#23
 Nitrobenzene-d5
 Concen: 83.17 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093039.D
 Acq: 20 Feb 2017 20:15

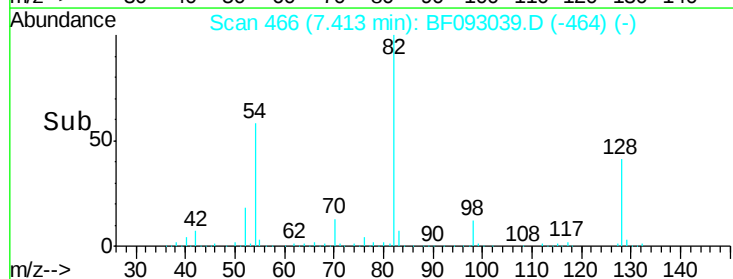
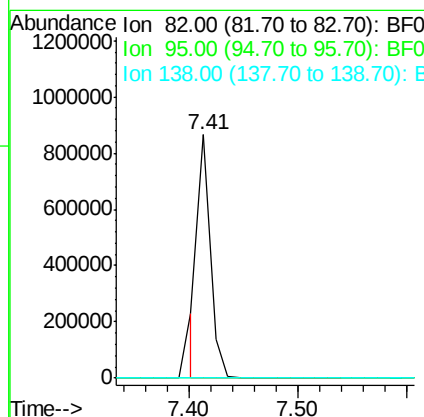
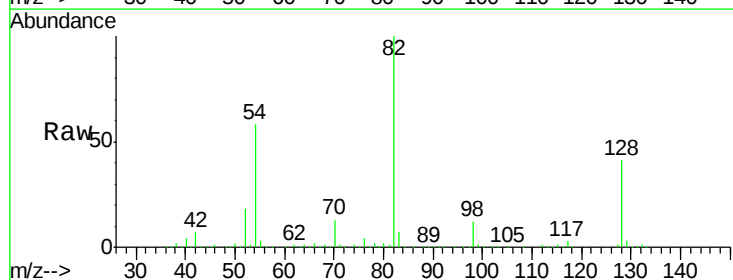
Instrument :
 BNA_F
 ClientSampleId :
 NWP-RW-3

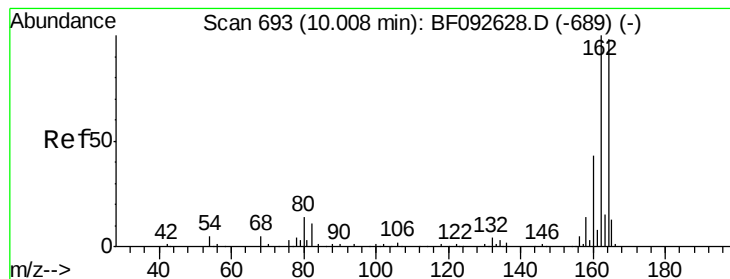
Tgt Ion: 82 Resp: 858930
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 57.6 39.5 59.3



#25
 Isophorone
 Concen: 36.11 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093039.D
 Acq: 20 Feb 2017 20:15

Tgt Ion: 82 Resp: 694960
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

Instrument :

BNA_F

ClientSampleId :

NWP-RW-3

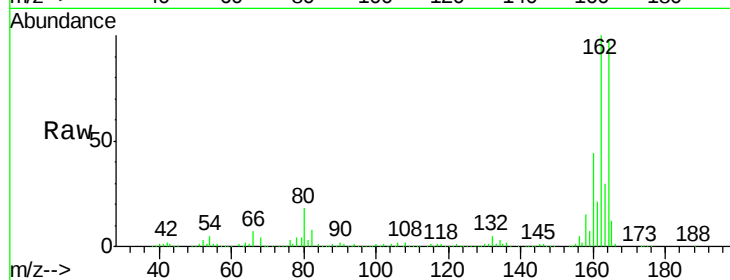
Tgt Ion:164 Resp: 290567

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

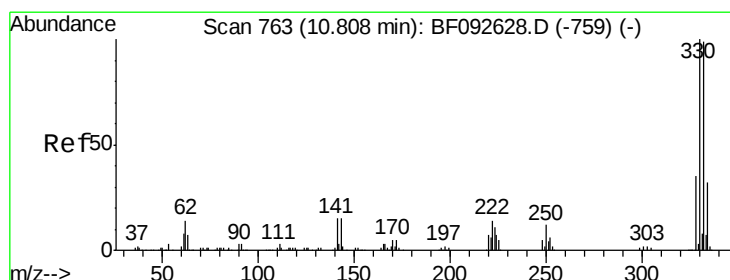
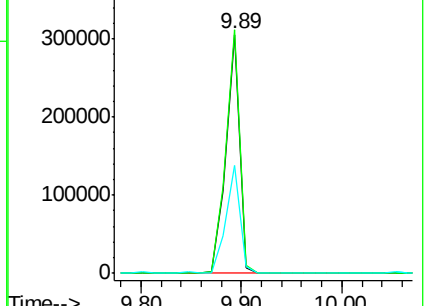
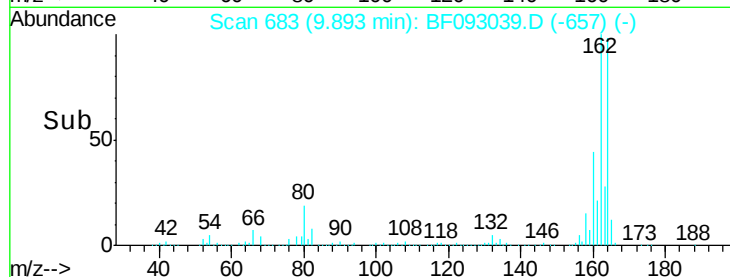
160 45.0 36.9 55.3



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: 140.01 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

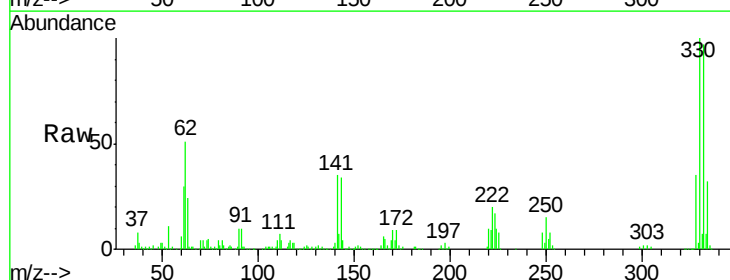
Tgt Ion:330 Resp: 294235

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

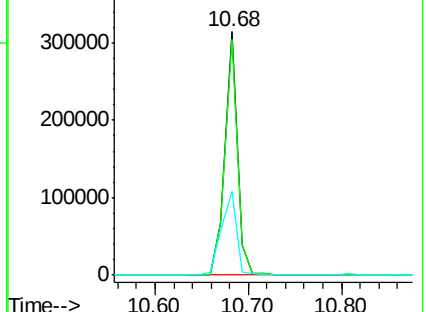
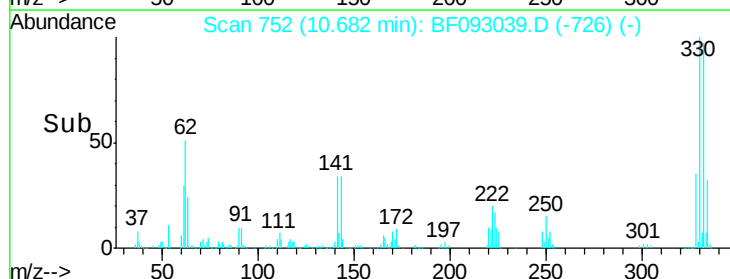
141 40.2 34.1 51.1

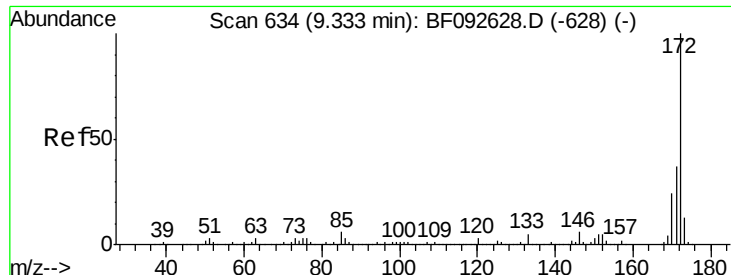


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

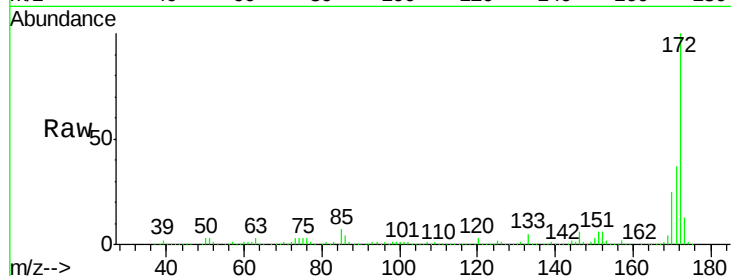




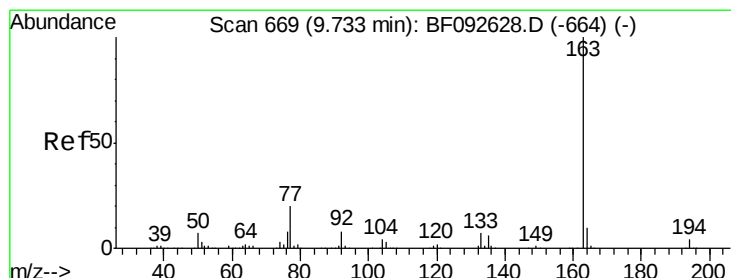
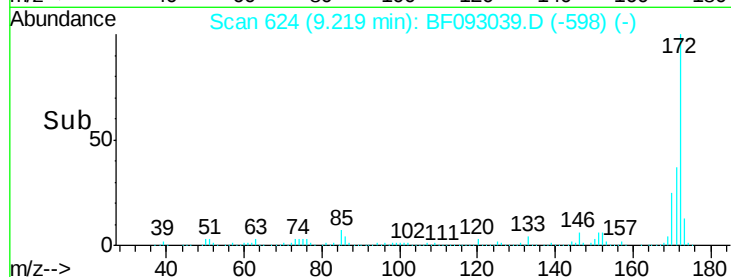
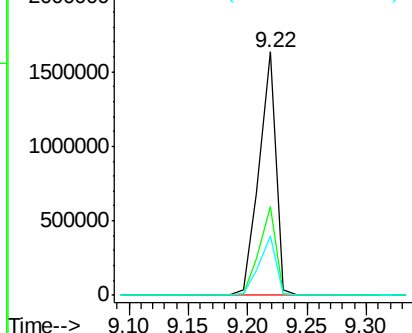
#44
2-Fluorobiphenyl
Concen: 102.45 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093039.D
Acq: 20 Feb 2017 20:15

Instrument :
BNA_F
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NWP-RW-3

Tgt Ion:172 Resp: 1643092
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.0
170 24.6 20.2 30.4

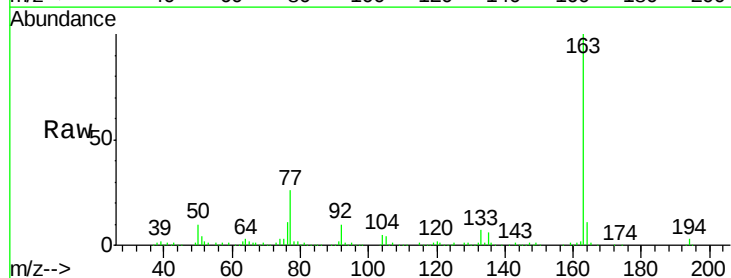


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

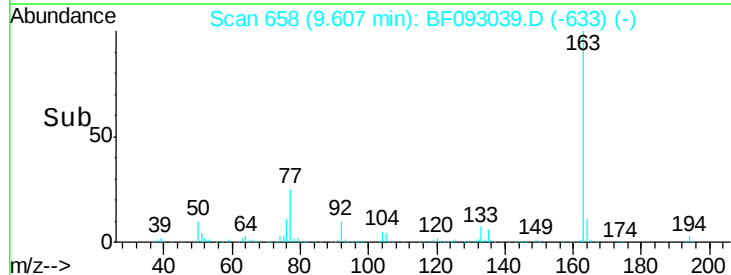
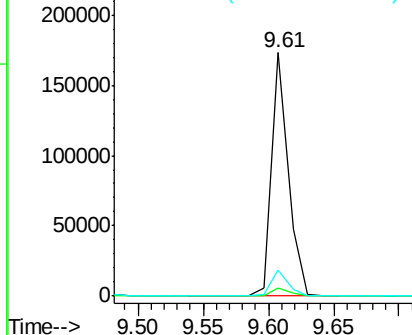


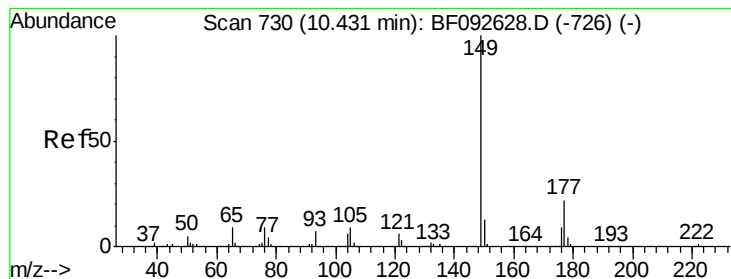
#49
Dimethylphthalate
Concen: 8.05 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093039.D
Acq: 20 Feb 2017 20:15

Tgt Ion:163 Resp: 157631
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.8 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





#59

Diethylphthalate

Concen: 2.66 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

Instrument :

BNA_F

ClientSampleId :

NWP-RW-3

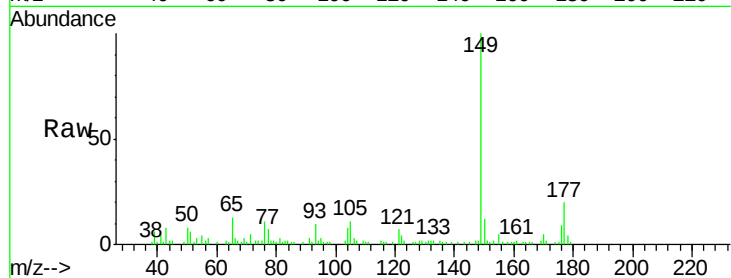
Tgt Ion:149 Resp: 48975

Ion Ratio Lower Upper

149 100

177 20.3 16.6 25.0

150 11.9 10.4 15.6



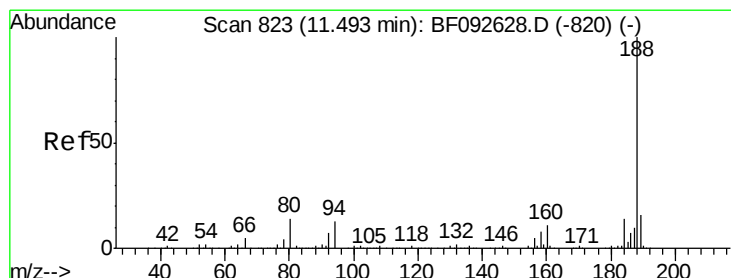
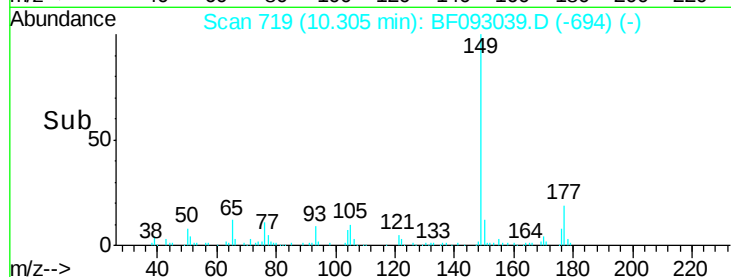
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->

10.30



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

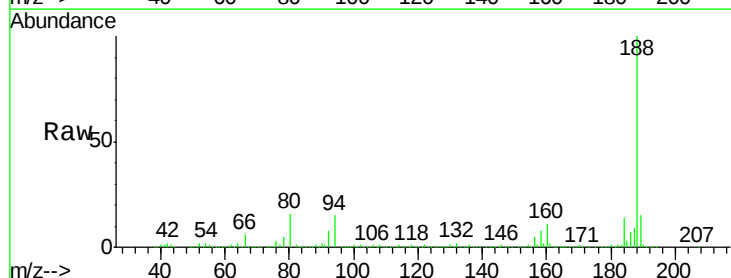
Tgt Ion:188 Resp: 480038

Ion Ratio Lower Upper

188 100

94 14.9 10.0 15.0

80 16.4 11.2 16.8



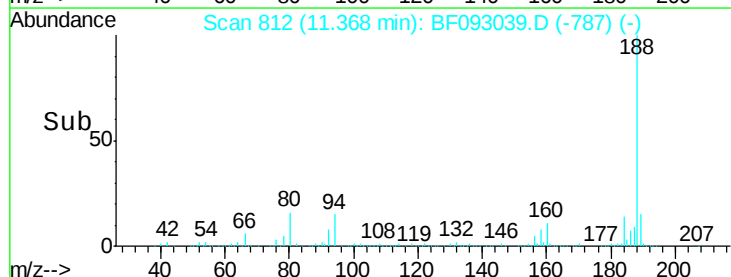
Abundance Ion 188.00 (187.70 to 188.70): E

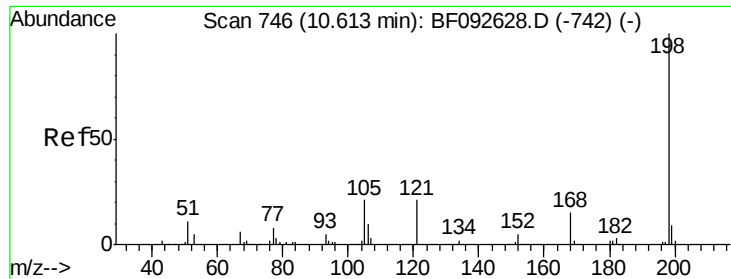
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->

11.37





#64

4,6-Dinitro-2-methylphenol

Concen: 2.75 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

Instrument :

BNA_F

ClientSampleId :

NWP-RW-3

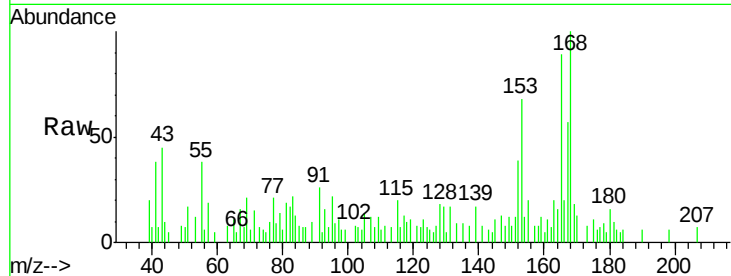
Tgt Ion:198 Resp: 259

Ion Ratio Lower Upper

198 100

51 283.1 6.7 46.7#

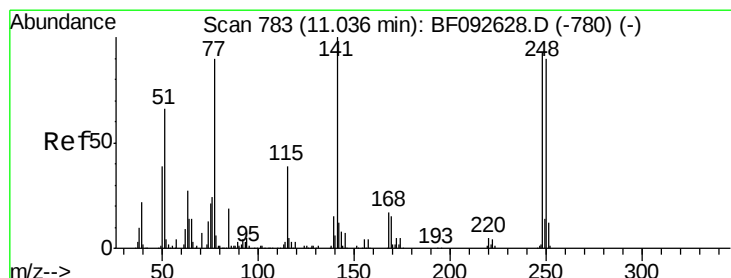
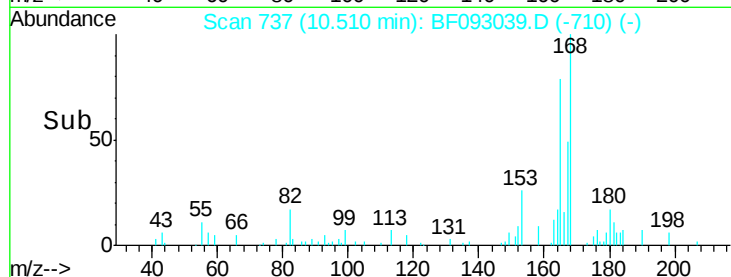
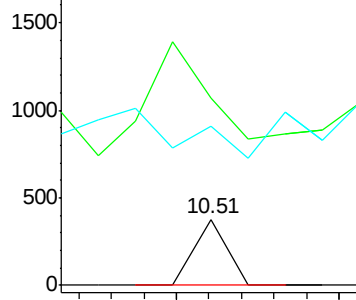
105 239.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.54 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

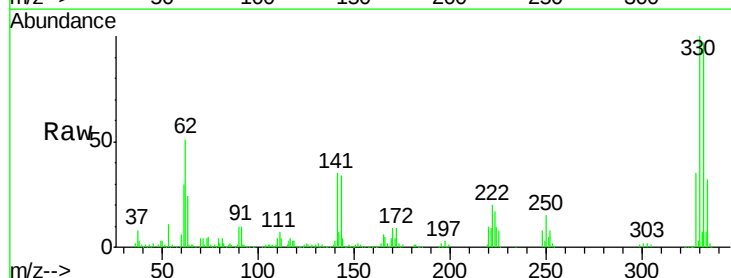
Tgt Ion:248 Resp: 22790

Ion Ratio Lower Upper

248 100

250 196.6 76.9 115.3#

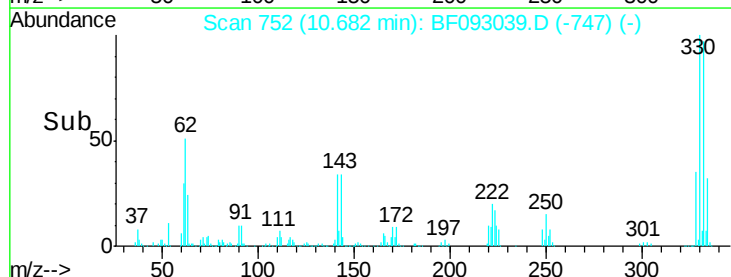
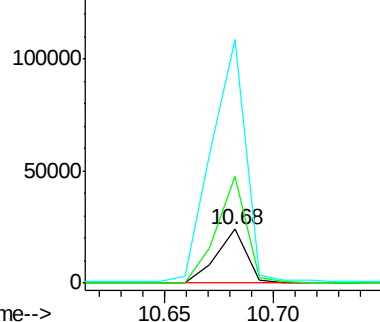
141 450.6 68.2 102.4#

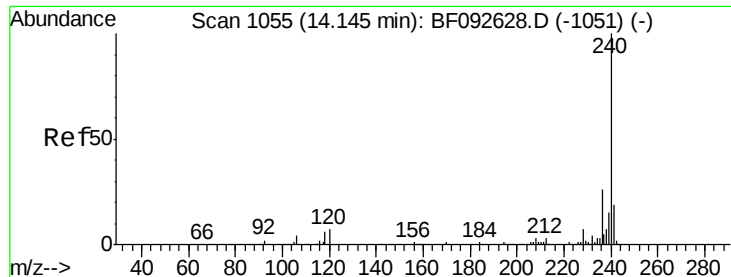


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

Instrument :

BNA_F

ClientSampleId :

NWP-RW-3

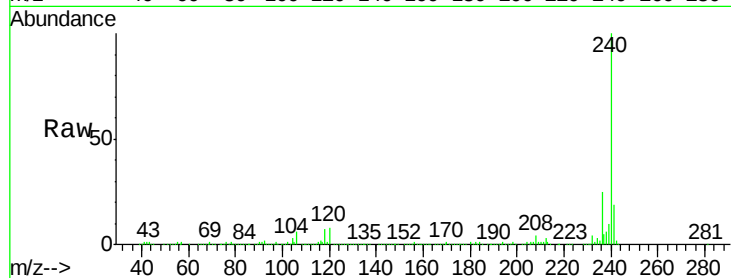
Tgt Ion:240 Resp: 379415

Ion Ratio Lower Upper

240 100

120 8.1 12.9 19.3#

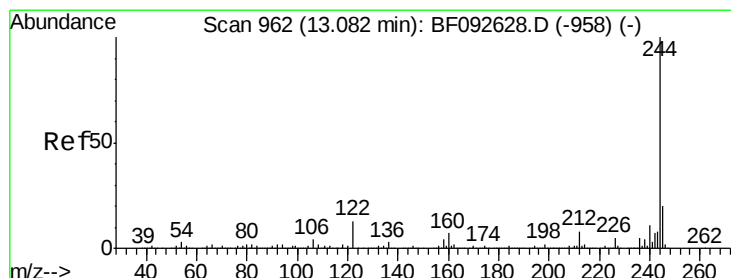
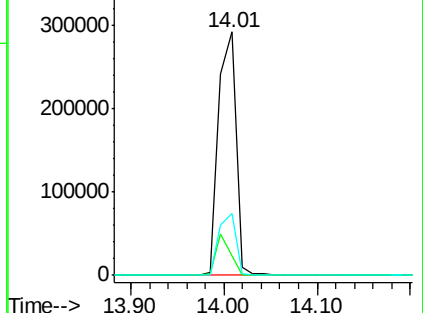
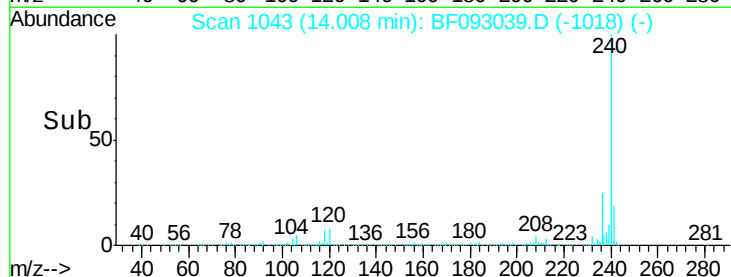
236 25.2 20.9 31.3



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: 78.48 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093039.D

Acq: 20 Feb 2017 20:15

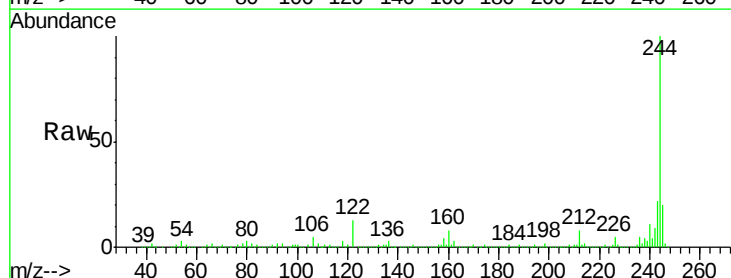
Tgt Ion:244 Resp: 1267244

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

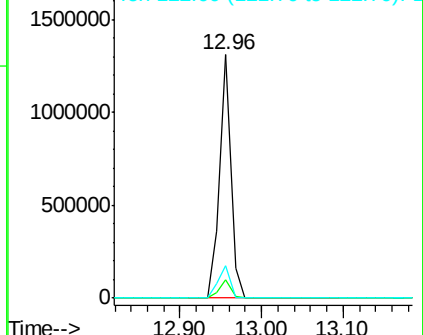
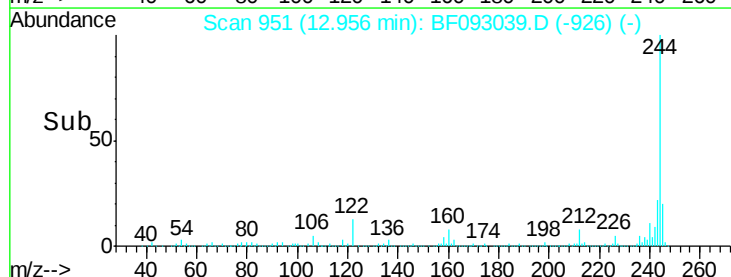
122 13.2 11.4 17.2

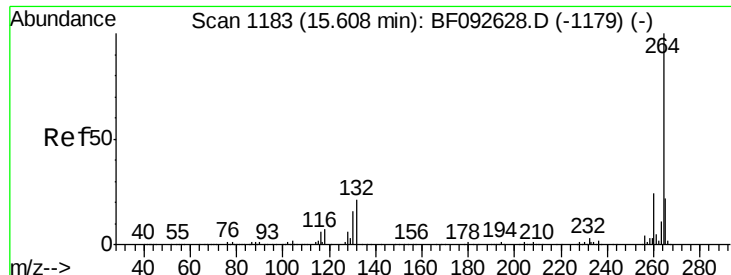


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

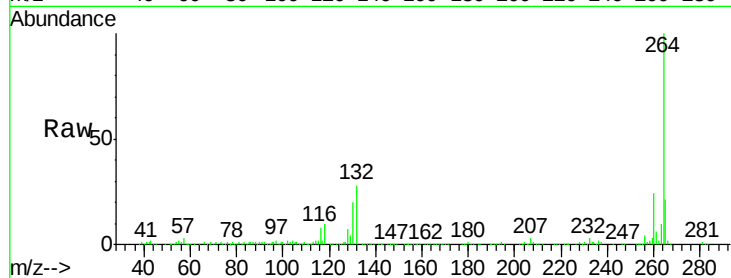




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093039.D
Acq: 20 Feb 2017 20:15

Instrument :
BNA_F
ClientSampleId :
NWP-RW-3

Tgt Ion: 264 Resp: 277618
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.1 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

