

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 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 21 00:01:38 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

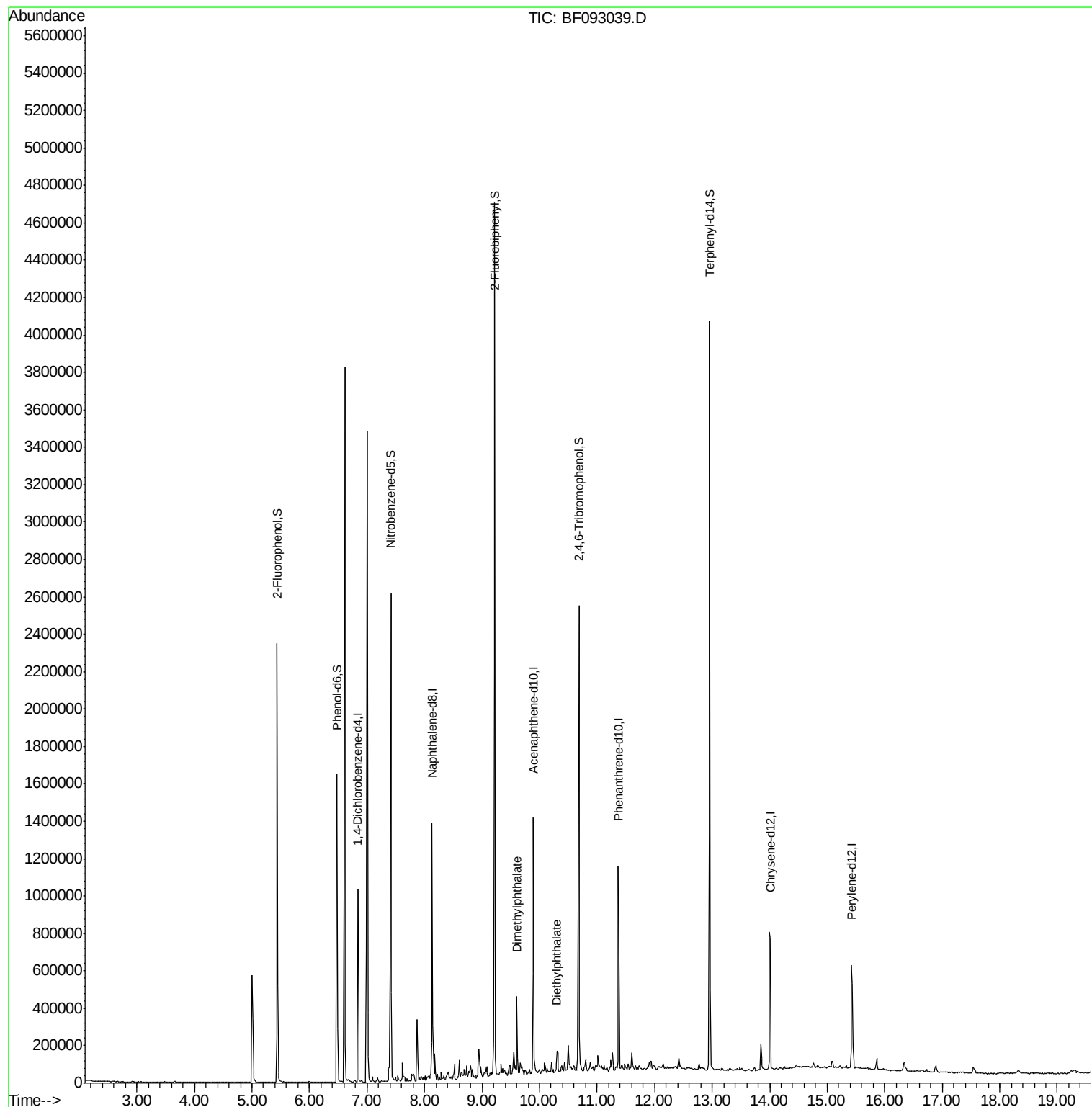
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	152538	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	575115	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	290567	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	480038	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	379415	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						Qvalue
49) Dimethylphthalate	9.61	163	157631	8.05	ng	98
59) Diethylphthalate	10.30	149	48975	2.66	ng	98

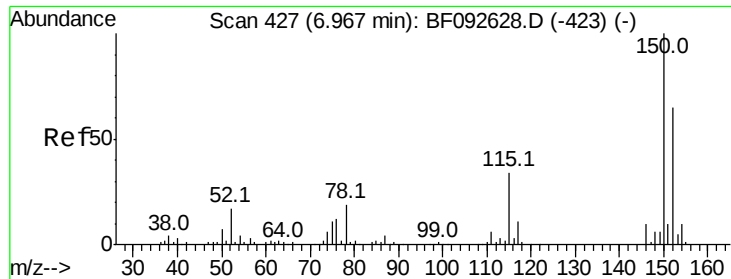
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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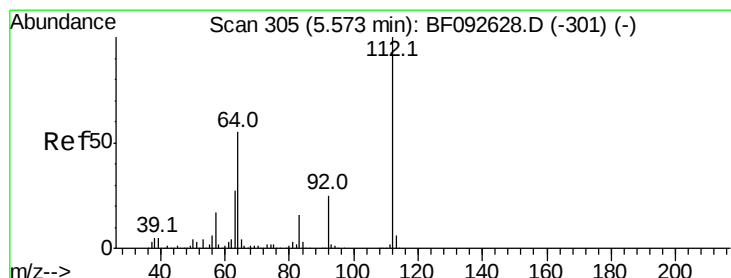
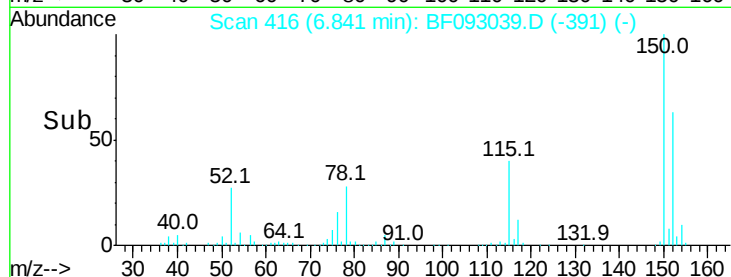
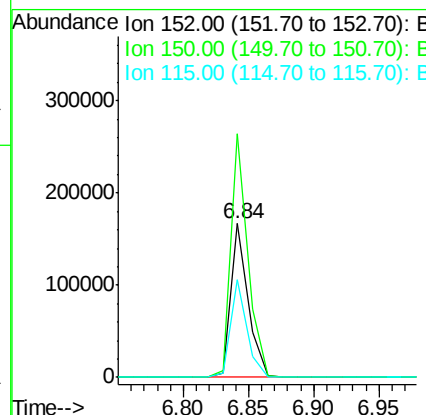
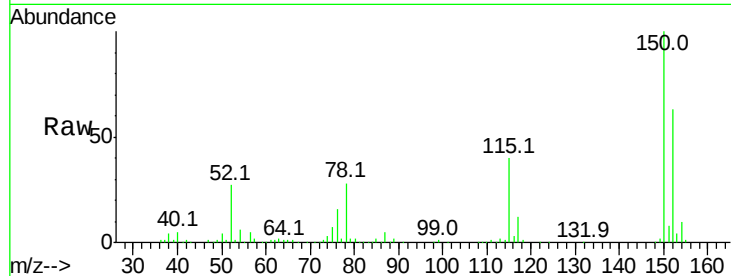


#1

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

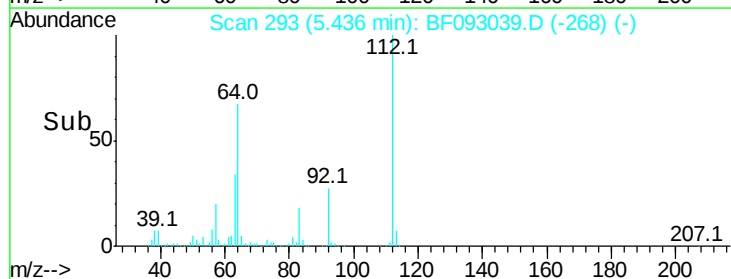
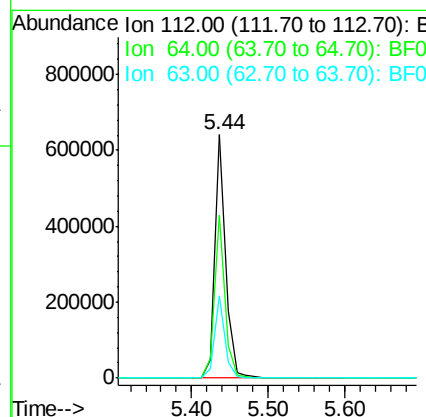
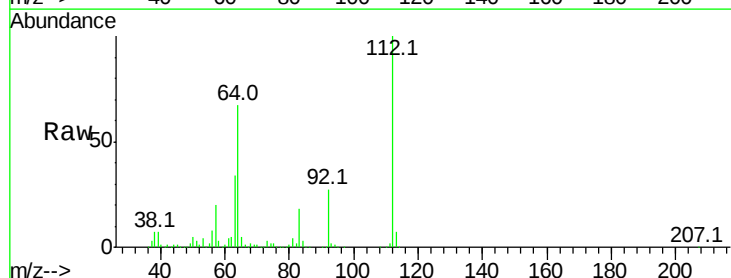
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	63.7	46.0	69.0

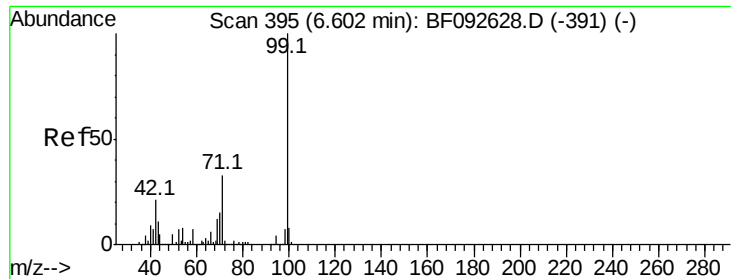


#5

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





#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

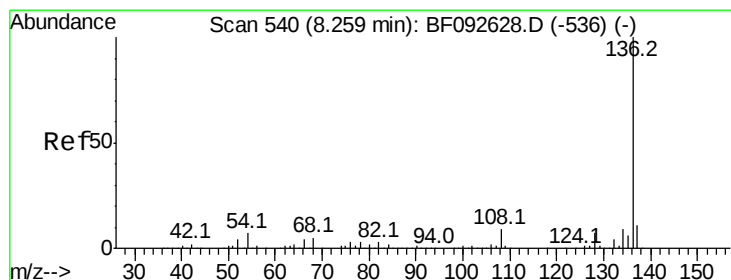
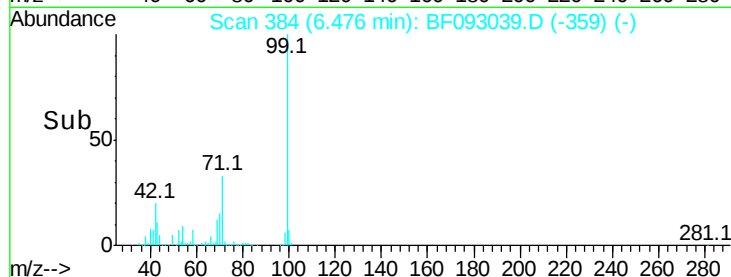
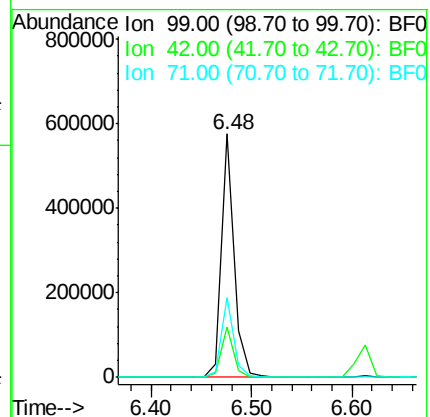
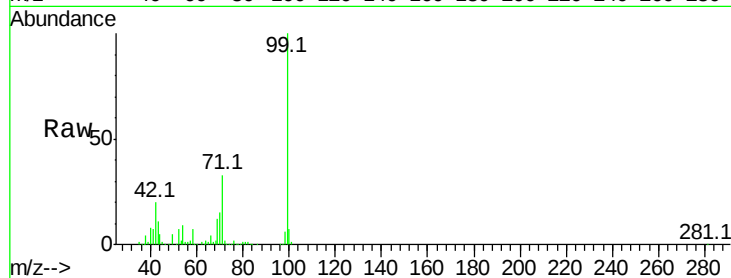
Tot Ion: 99 Resp: 508366

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

71 32.7 27.5 41.3



#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

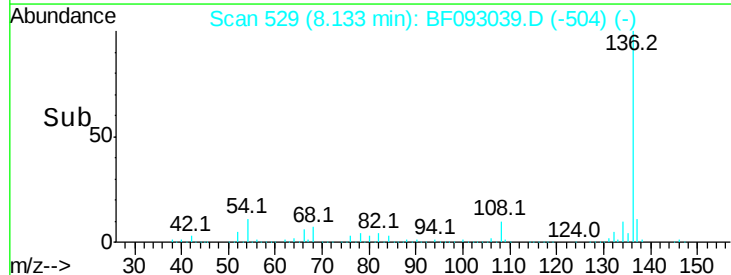
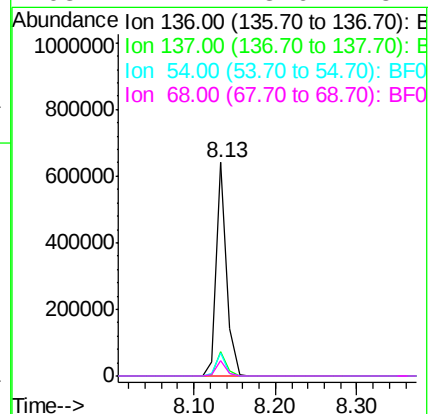
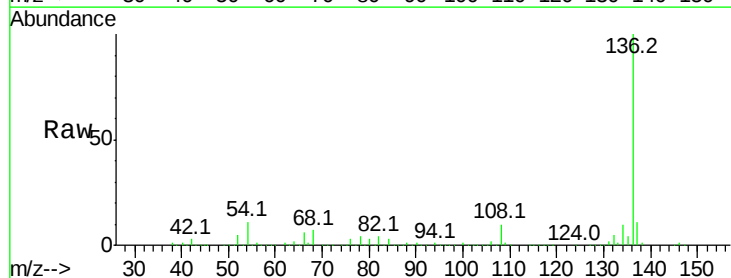
Ion Ratio Lower Upper

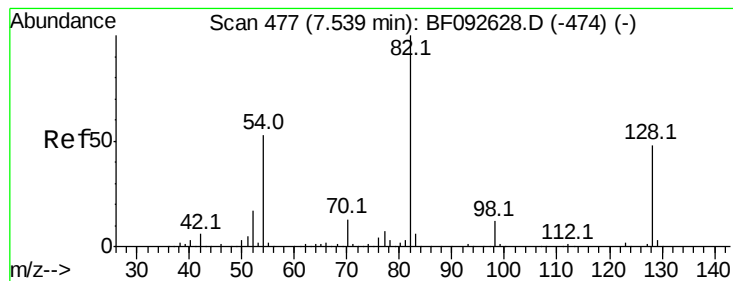
136 100

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

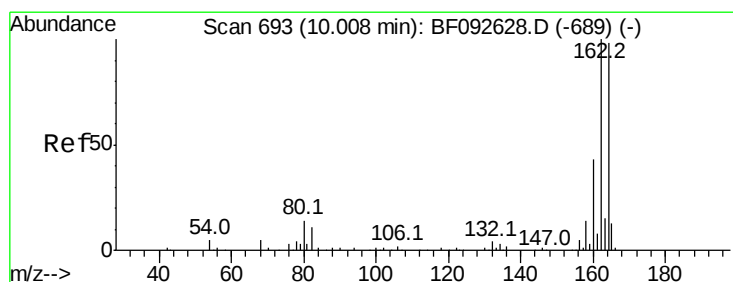
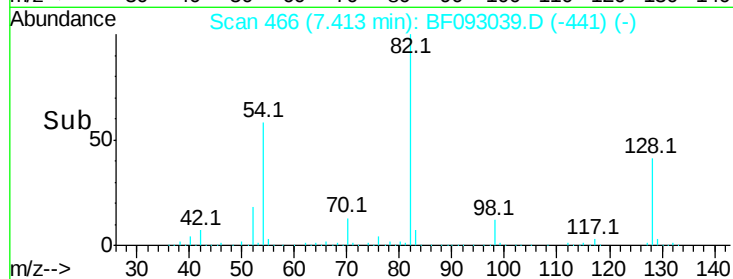
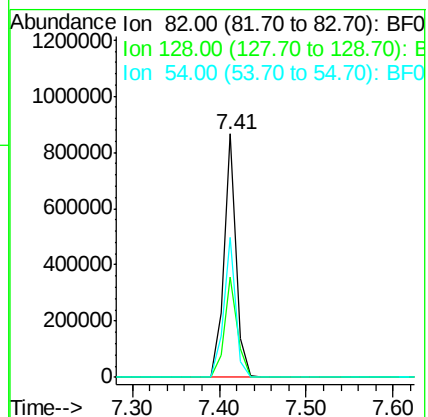
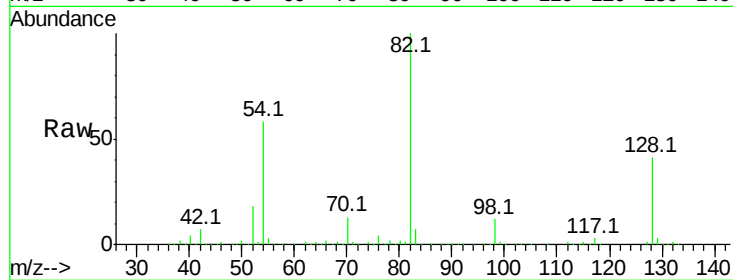
Tot Ion: 82 Resp: 858930

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

54 57.6 39.5 59.3



#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

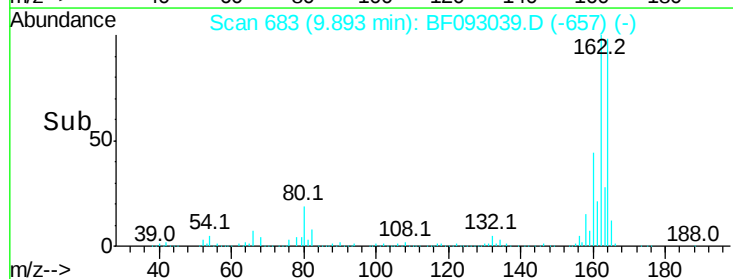
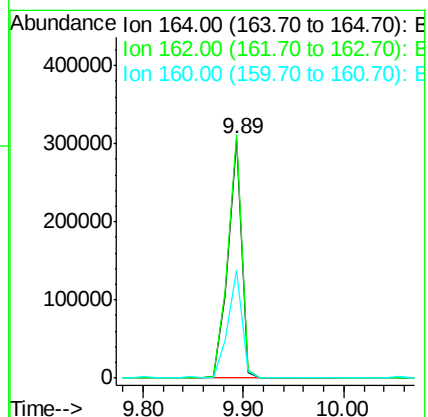
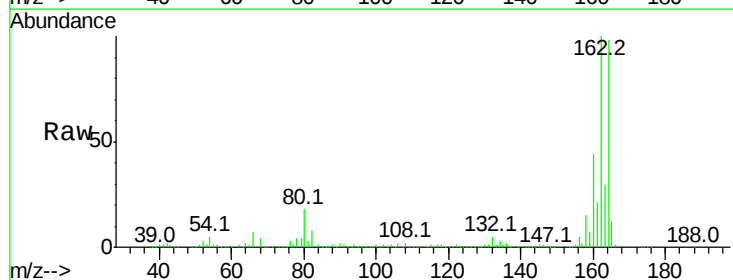
Tgt Ion:164 Resp: 290567

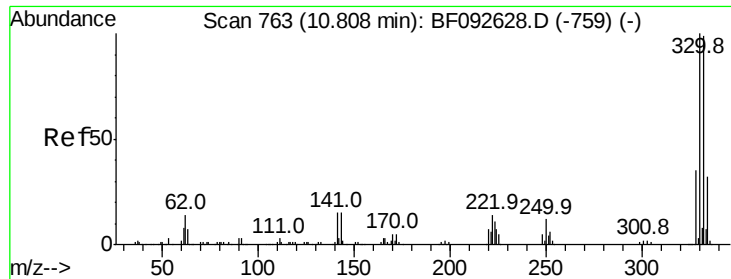
Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

160 45.0 36.9 55.3

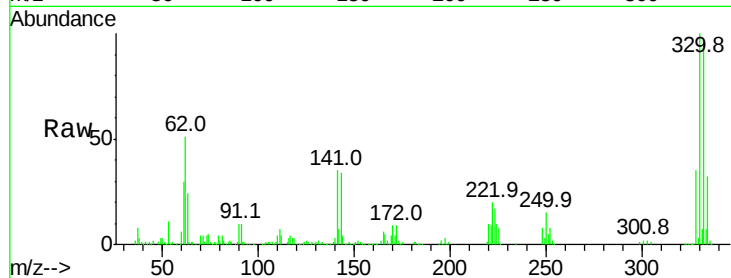




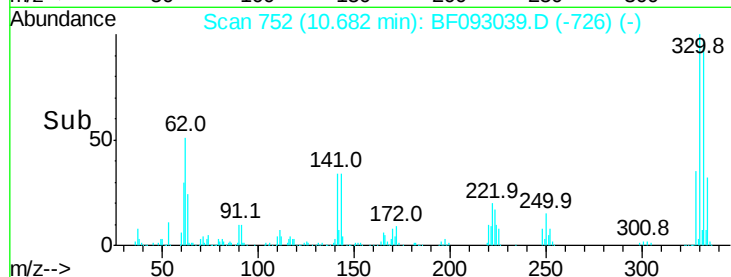
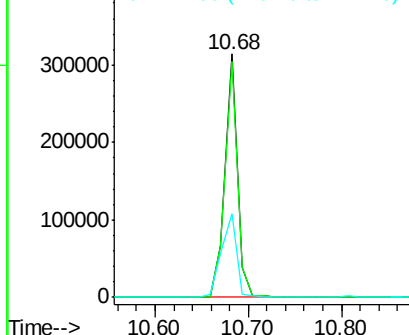
#41
 2,4,6-Tribromophenol
 Concen: 140.01 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093039.D
 Acq: 20 Feb 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NWP-RW-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	40.2	34.1	51.1

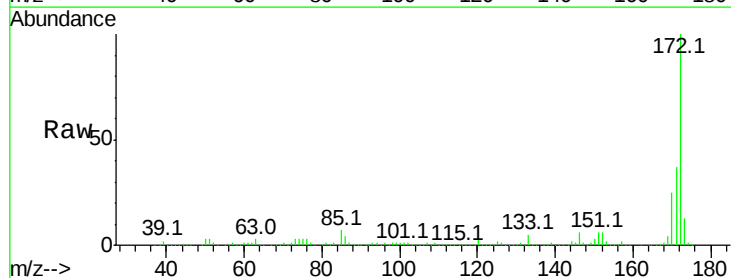


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

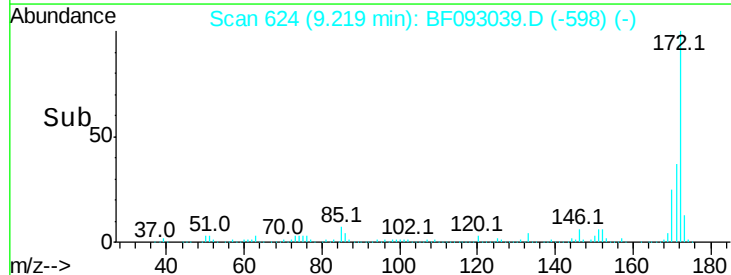
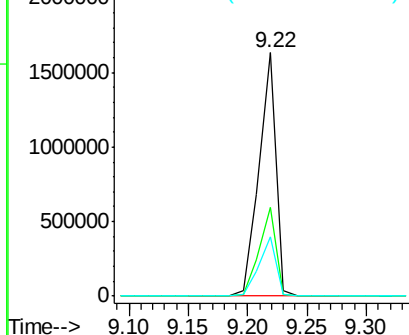


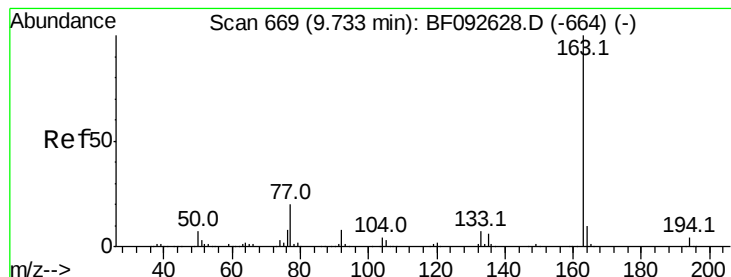
#44
 2-Fluorobiphenyl
 Concen: 102.45 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093039.D
 Acq: 20 Feb 2017 20:15

Tgt 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

Instrument :

BNA_F

ClientSampleId :

NWP-RW-3

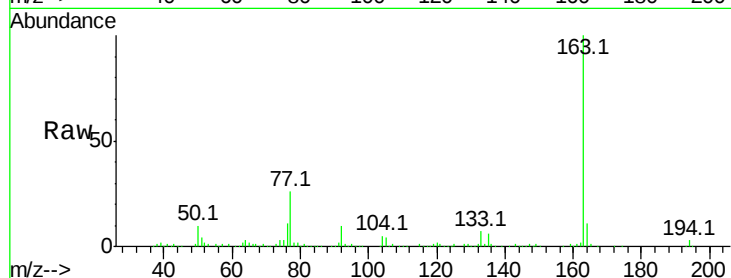
Tot Ion:163 Resp: 157631

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

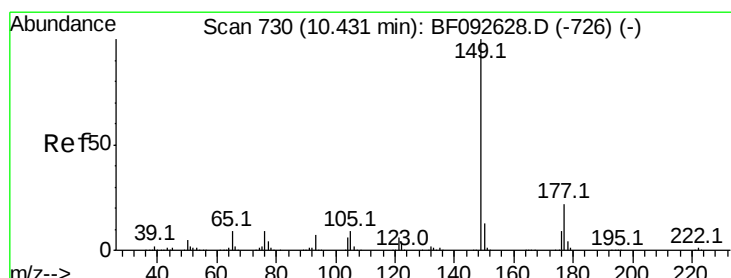
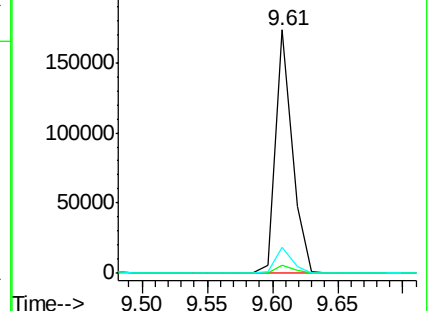
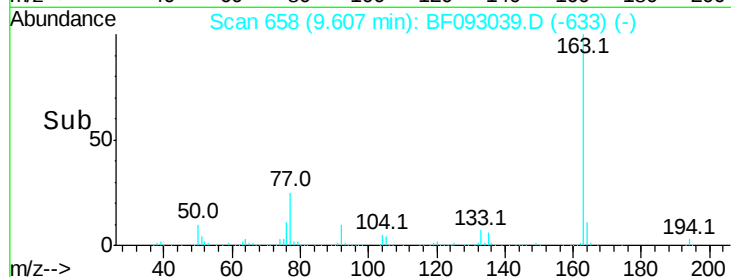
164 10.8 8.0 12.0



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

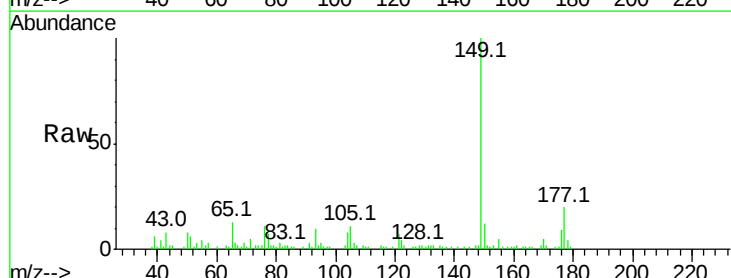
Tgt Ion:149 Resp: 48975

Ion Ratio Lower Upper

149 100

177 20.3 16.6 25.0

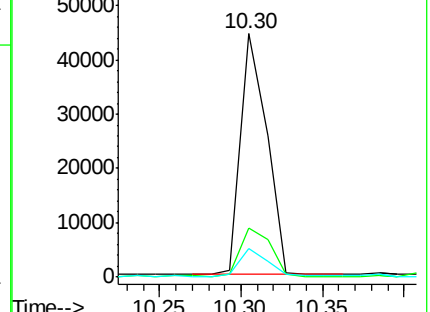
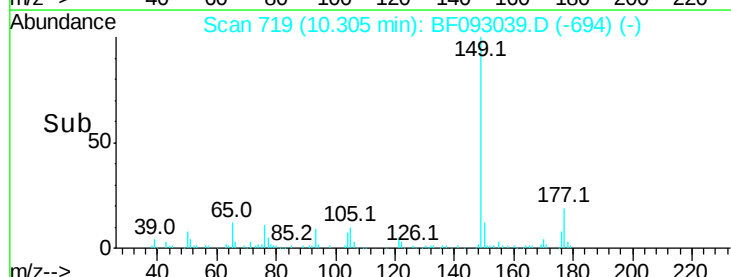
150 11.9 10.4 15.6

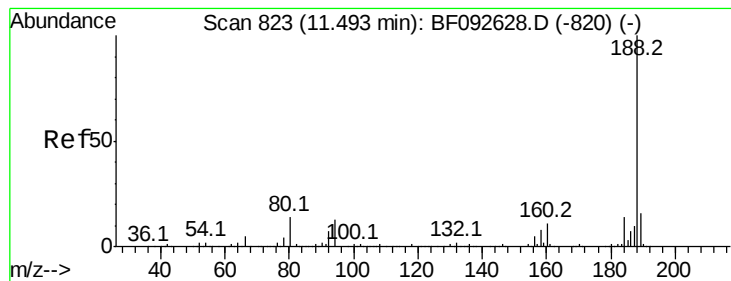


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#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

Instrument :

BNA_F

ClientSampleId :

NWP-RW-3

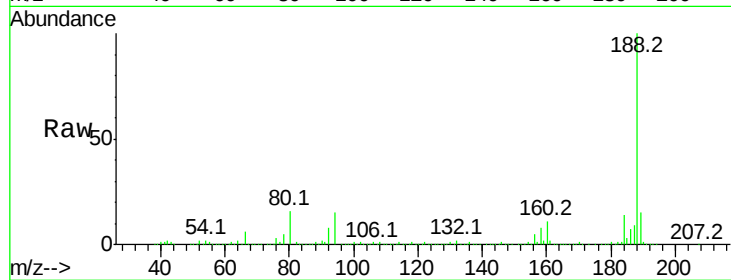
Tot Ion:188 Resp: 480038

Ion Ratio Lower Upper

188 100

94 14.9 10.0 15.0

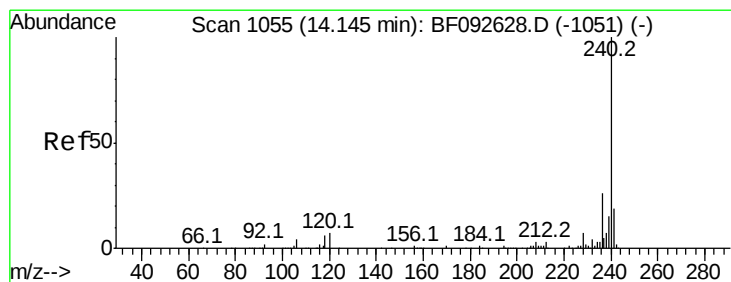
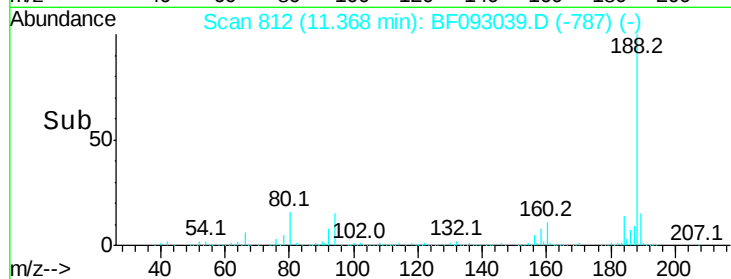
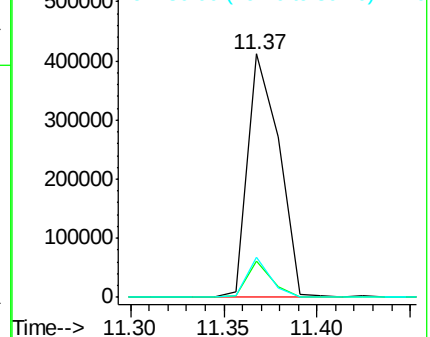
80 16.4 11.2 16.8



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



#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

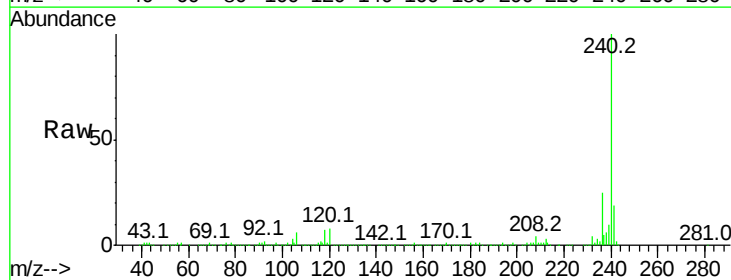
Tgt Ion:240 Resp: 379415

Ion Ratio Lower Upper

240 100

120 8.1 12.9 19.3#

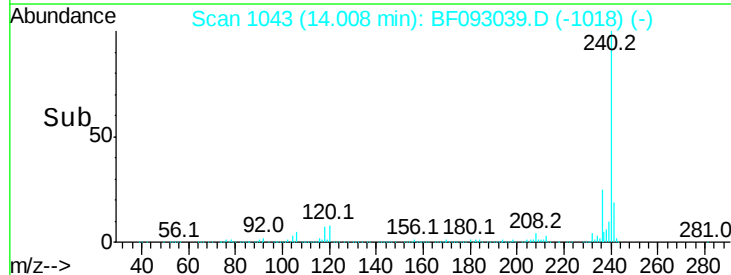
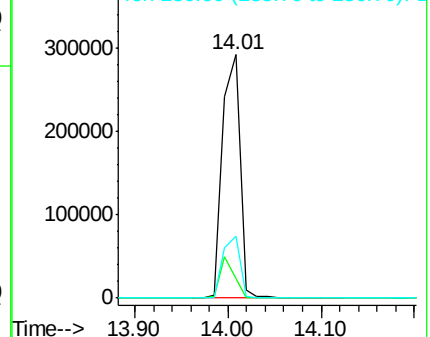
236 25.2 20.9 31.3

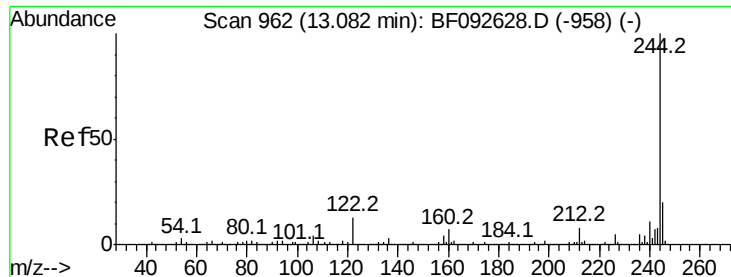


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

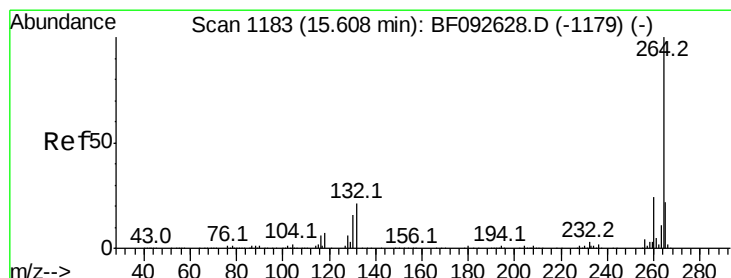
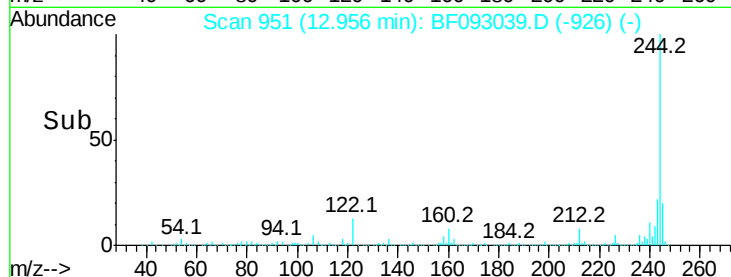
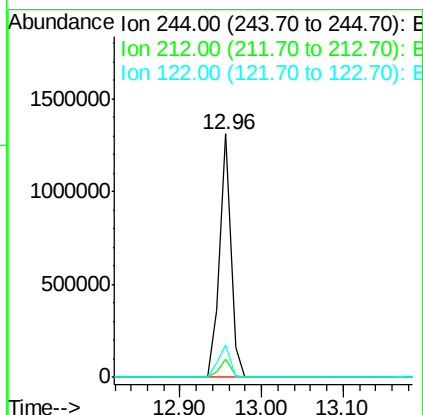
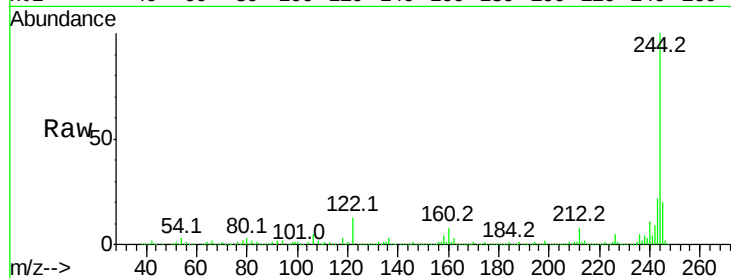




#78
 Terphenyl-d14
 Concen: 78.48 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093039.D
 Acq: 20 Feb 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :
 NWP-RW-3

Tot Ion:244 Resp: 1267244
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.2 11.4 17.2



#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

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

