

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093709.D
 Acq On : 16 Mar 2017 16:40
 Operator : SJ/MA
 Sample : I2255-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Mar 17 03:23:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

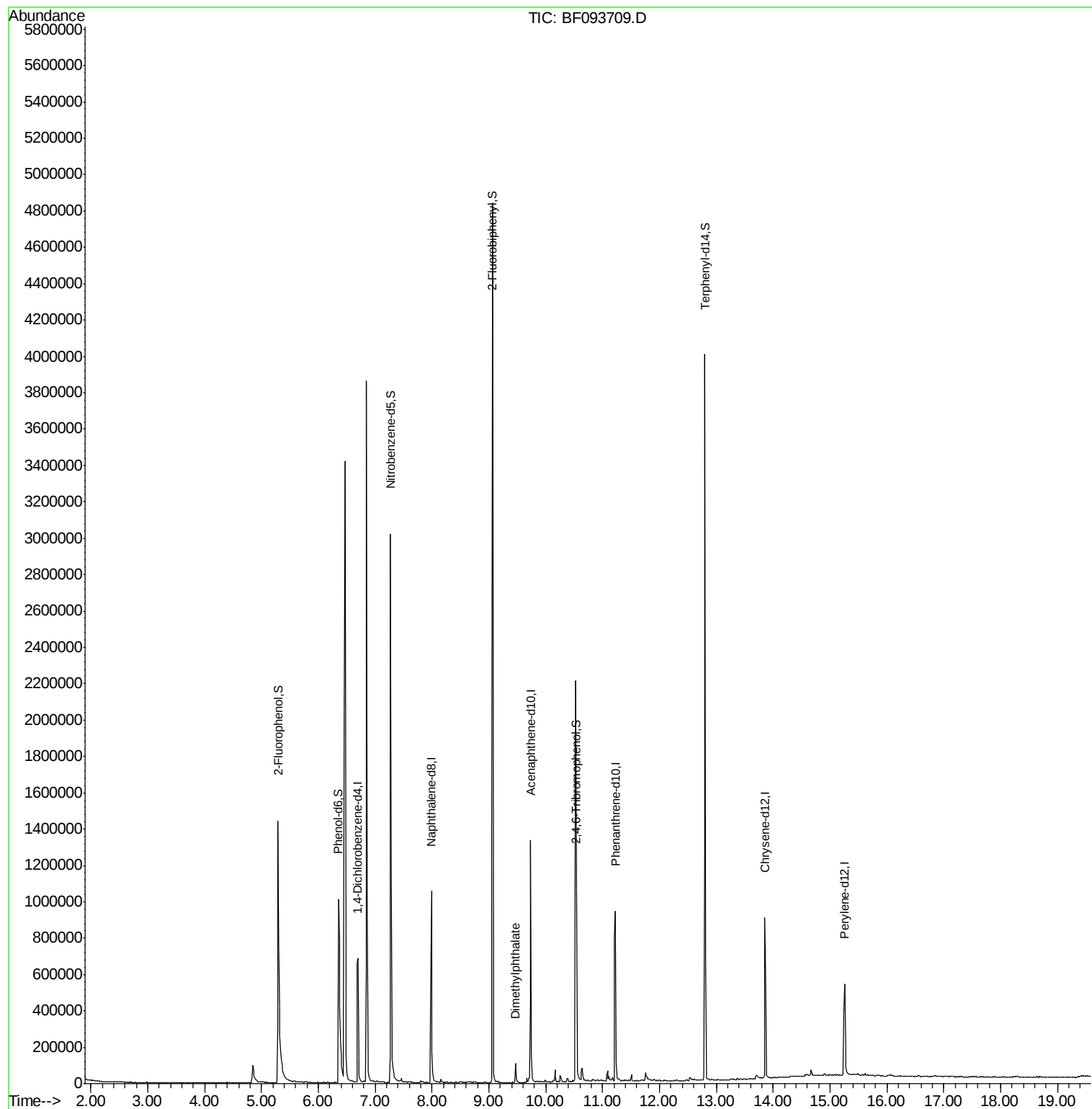
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166991	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	636561	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	281511	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	504098	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	398640	20.00	ng	-0.03
86) Perylene-d12	15.26	264	272038	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	717533	71.51	ng	-0.02
7) Phenol-d6	6.36	99	668586	52.84	ng	-0.02
23) Nitrobenzene-d5	7.27	82	1137429	99.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	320574	174.79	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1605512	106.08	ng	-0.02
78) Terphenyl-d14	12.80	244	1324770	86.40	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.46	163	62827	3.37	ng	Qvalue 97

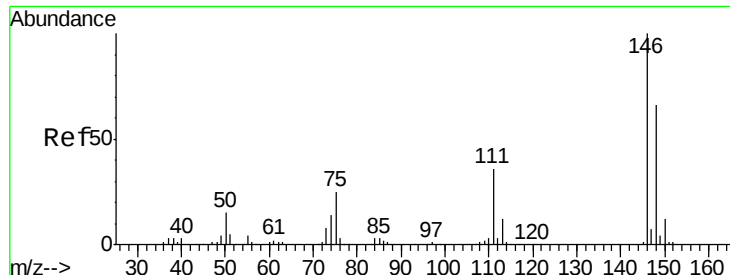
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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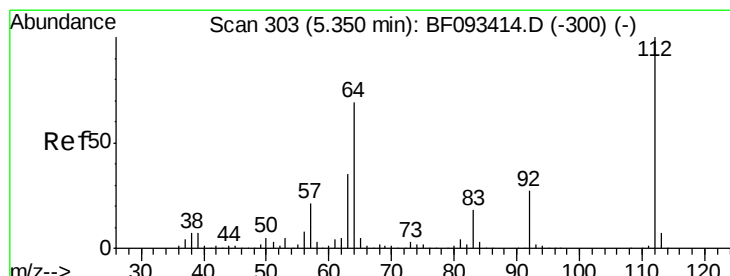
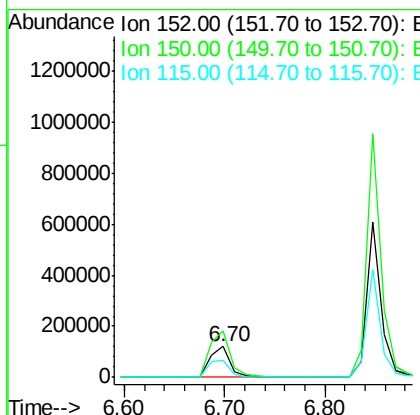
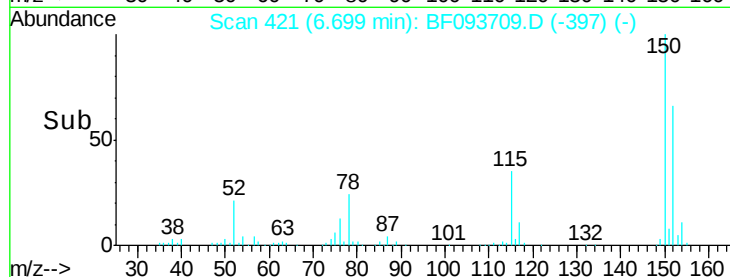
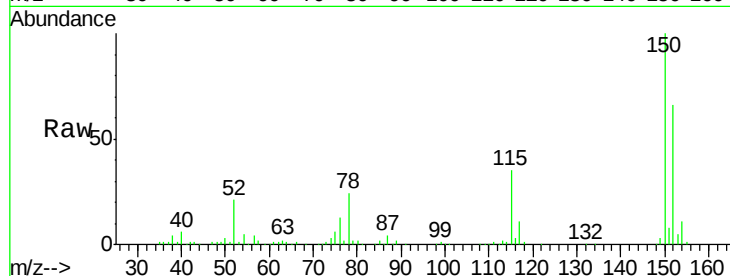




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

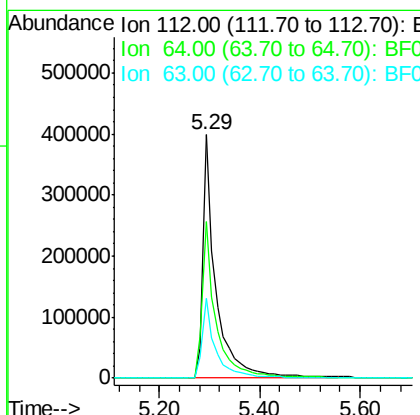
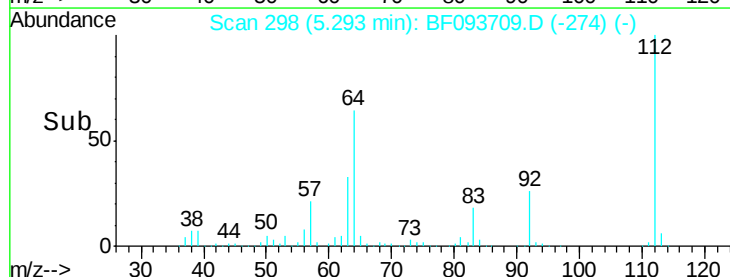
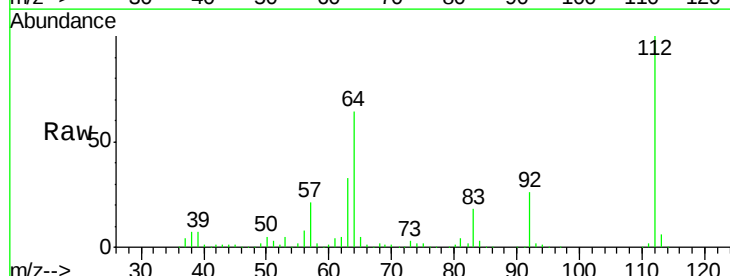
Instrument :
 BNA_F
 ClientSampleId :
 W-25

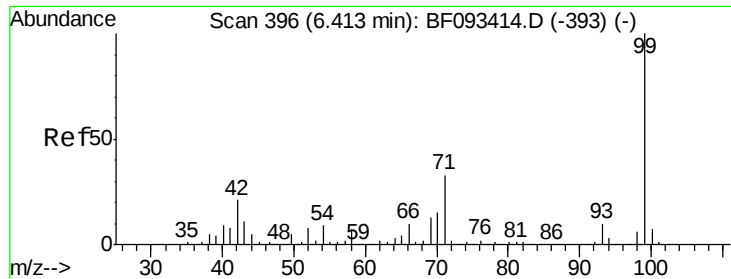
Tot Ion:	152	Resp:	166991
Ion	Ratio	Lower	Upper
152	100		
150	151.4	124.9	187.3
115	53.2	46.0	69.0



#5
 2-Fluorophenol
 Concen: 71.51 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

Tgt Ion:	112	Resp:	717533
Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.1	69.1
63	32.8	23.8	35.6





#7

Phenol-d6

Concen: 52.84 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

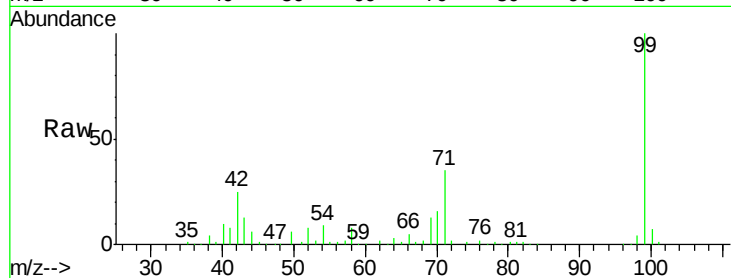
BNA_F

ClientSampleId :

W-25

Tot Ion: 99 Resp: 668586

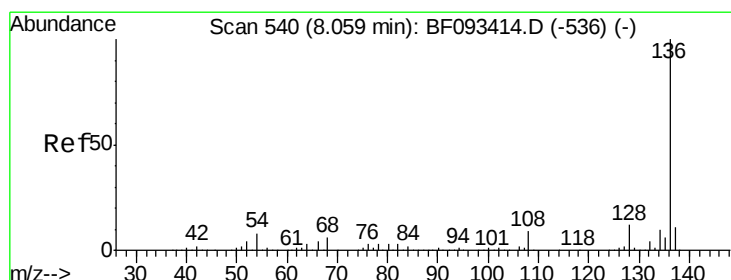
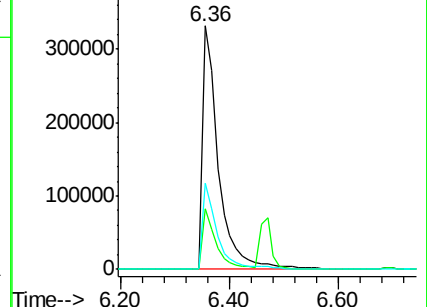
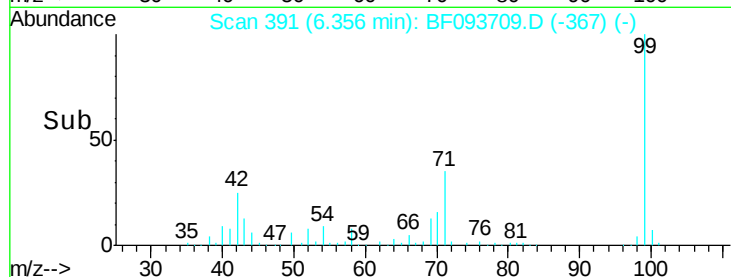
Ion	Ratio	Lower	Upper
99	100		
42	25.0	15.6	23.4#
71	35.4	27.5	41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 534

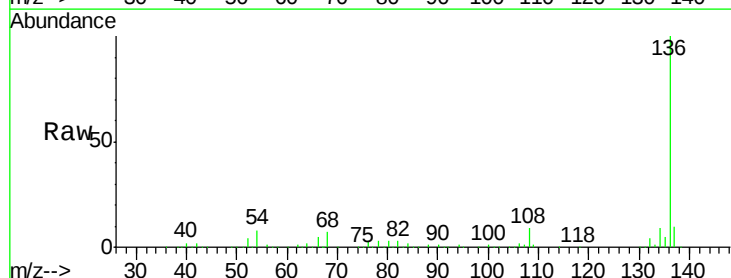
Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Tgt Ion: 136 Resp: 636561

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	8.4	4.5	6.7#
68	6.5	3.6	5.4#

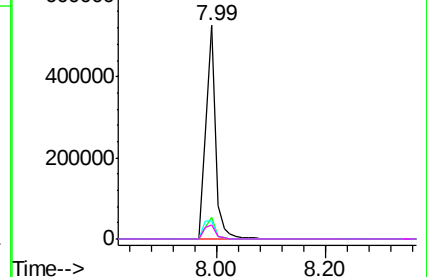
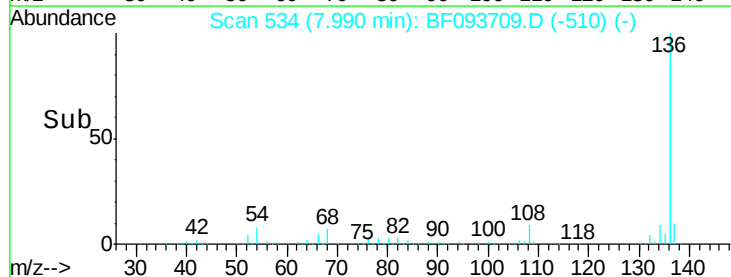


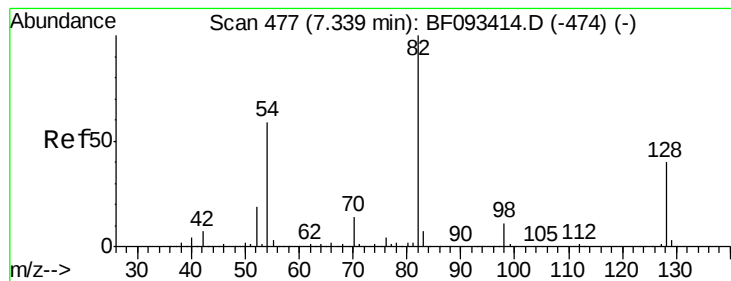
Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.14 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

ClientSampled :

W-25

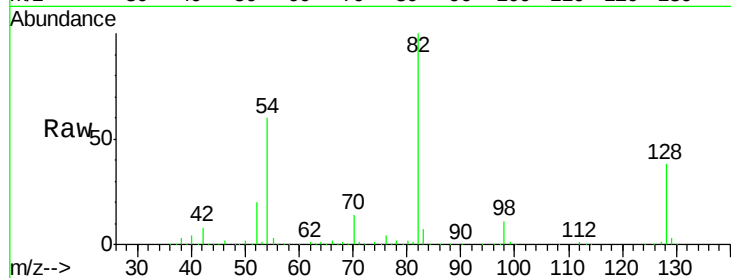
Tot Ion: 82 Resp: 1137429

Ion Ratio Lower Upper

82 100

128 38.4 34.6 52.0

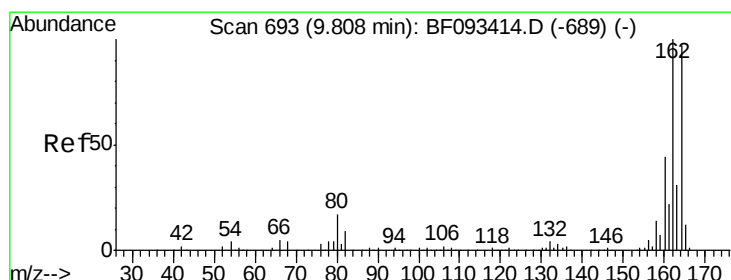
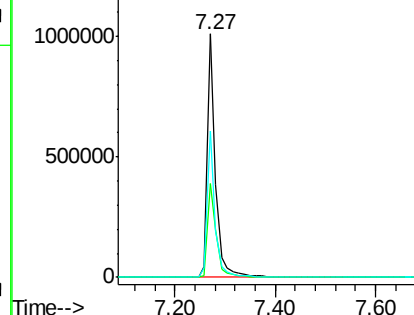
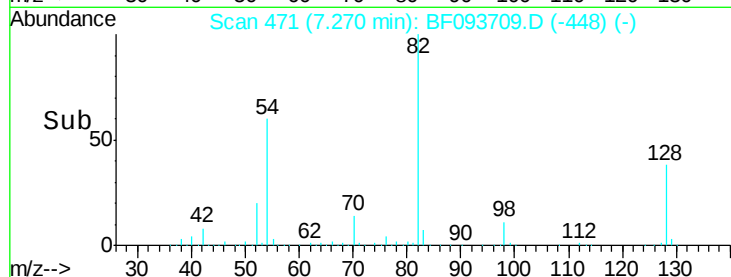
54 60.2 39.5 59.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

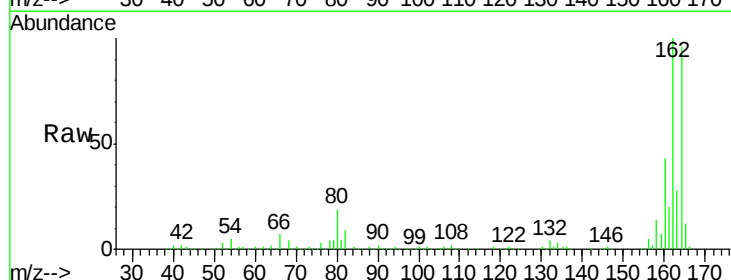
Tgt Ion:164 Resp: 281511

Ion Ratio Lower Upper

164 100

162 104.0 80.2 120.2

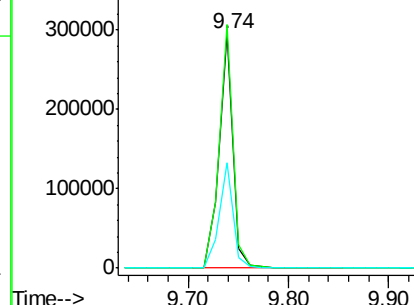
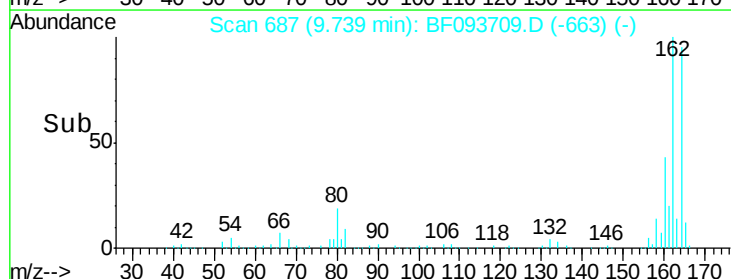
160 45.1 36.9 55.3

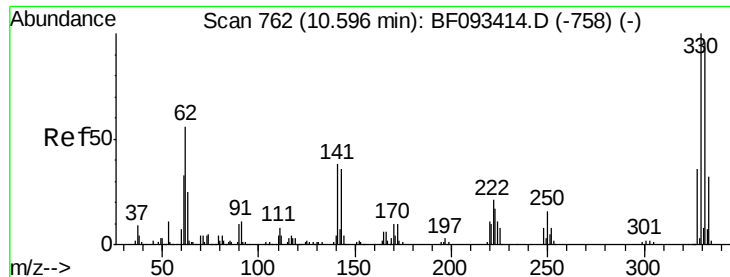


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

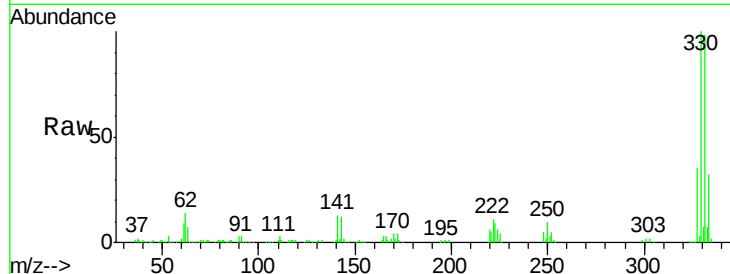




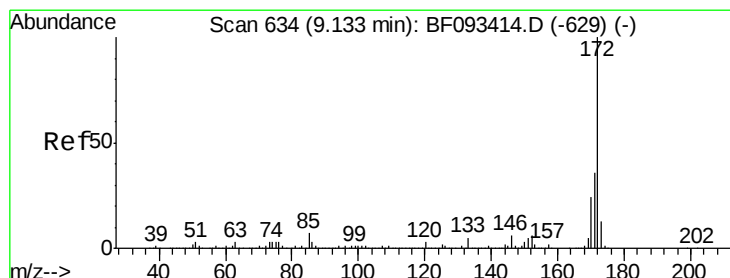
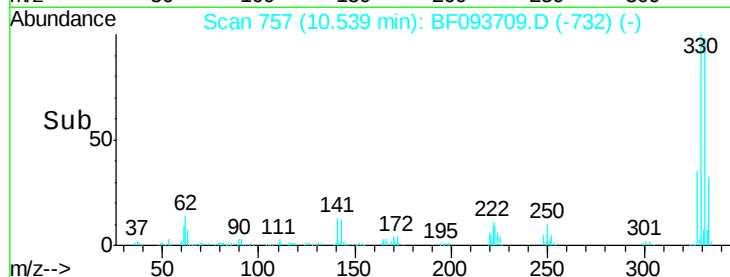
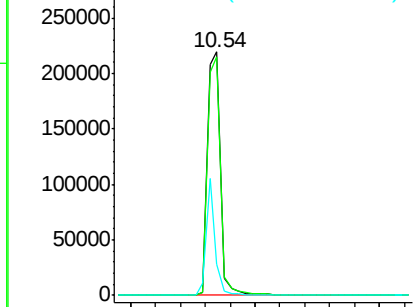
#41
 2,4,6-Tribromophenol
 Concen: 174.79 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	33.5	34.1	51.1#

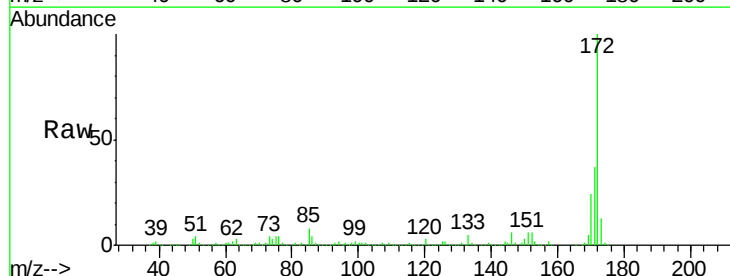


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

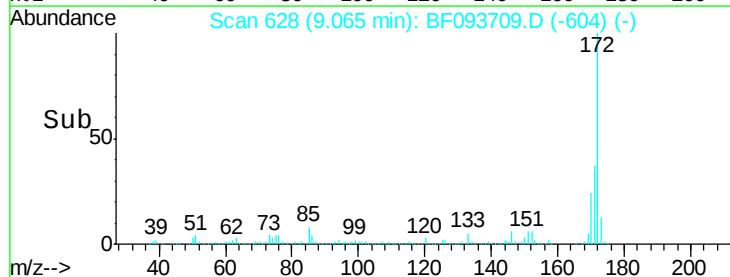
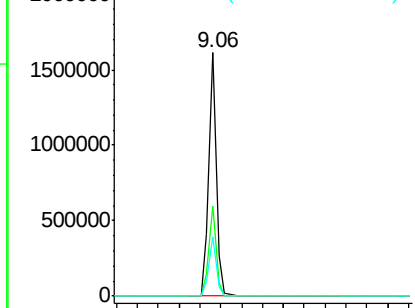


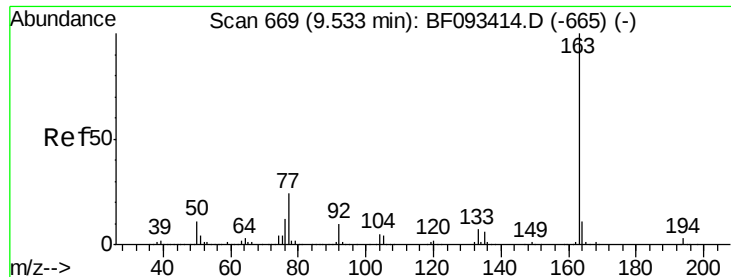
#44
 2-Fluorobiphenyl
 Concen: 106.08 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093709.D
 Acq: 16 Mar 2017 16:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	24.4	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

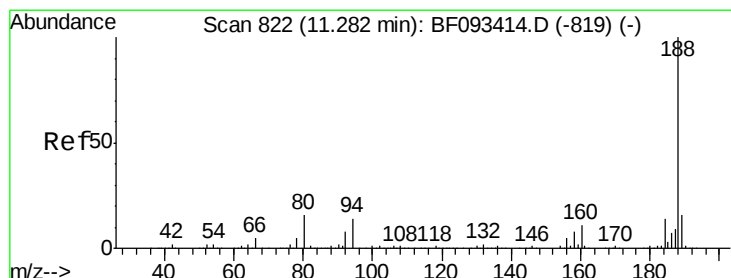
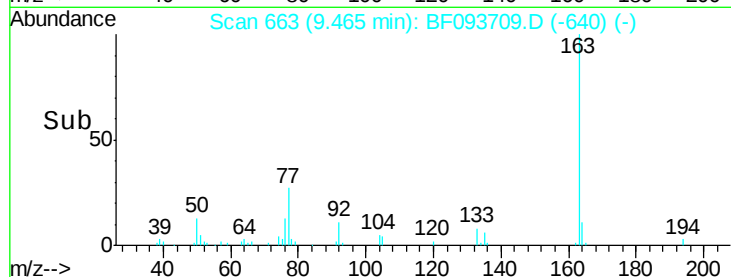
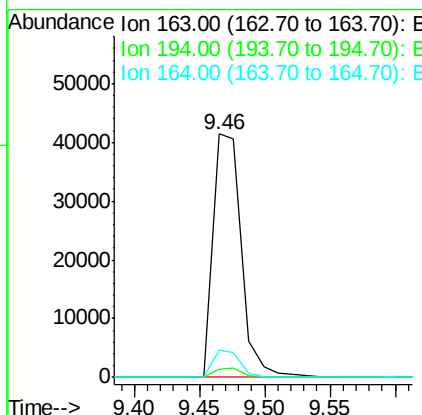
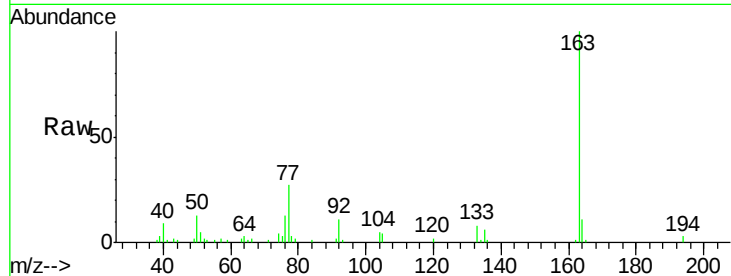




#49
Dimethylphthalate
Concen: 3.37 ng
RT: 9.46 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF093709.D
Acq: 16 Mar 2017 16:40

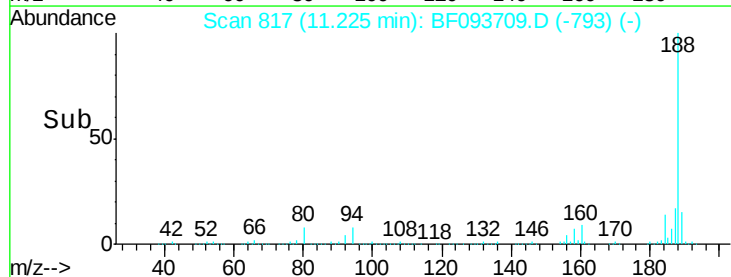
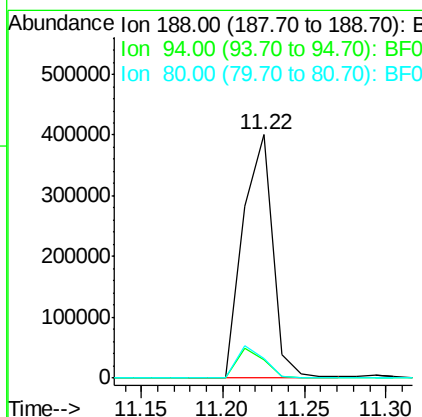
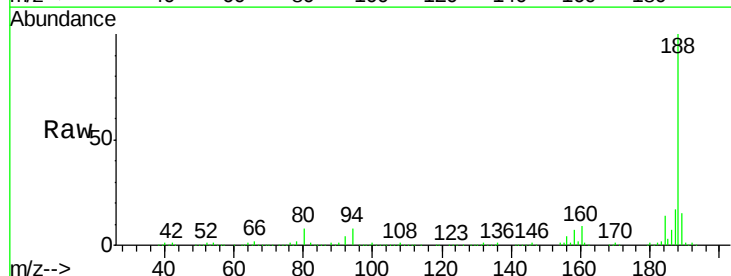
Instrument :
BNA_F
ClientSampled :
W-25

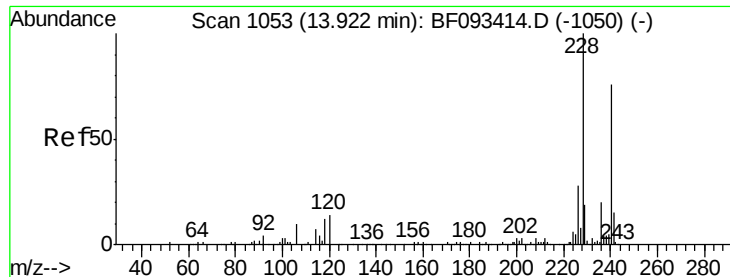
Tot Ion:163 Resp: 62827
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 11.1 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF093709.D
Acq: 16 Mar 2017 16:40

Tgt Ion:188 Resp: 504098
Ion Ratio Lower Upper
188 100
94 7.7 10.0 15.0#
80 8.1 11.2 16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

Instrument :

BNA_F

ClientSampleId :

W-25

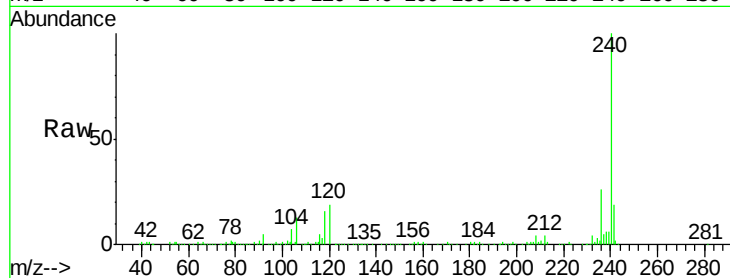
Tot Ion:240 Resp: 398640

Ion Ratio Lower Upper

240 100

120 19.4 12.9 19.3#

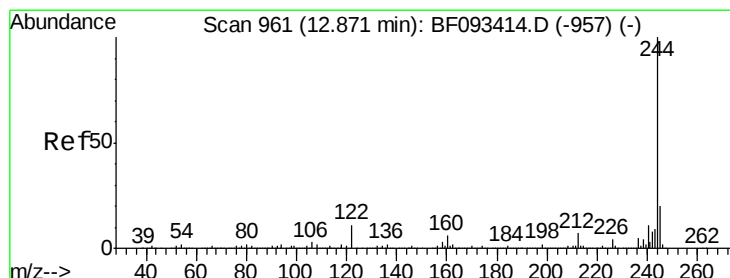
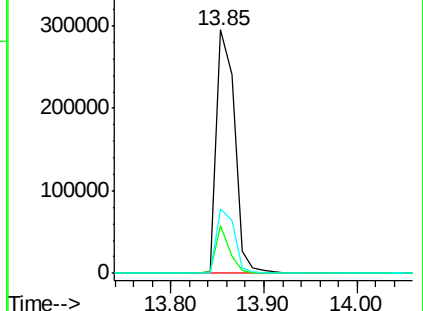
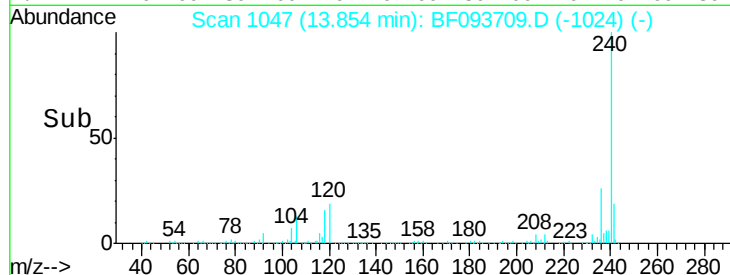
236 26.3 20.9 31.3



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: 86.40 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093709.D

Acq: 16 Mar 2017 16:40

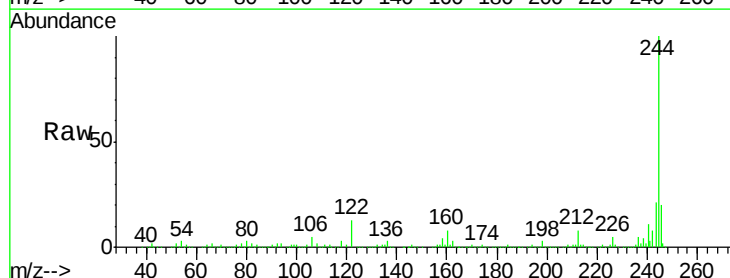
Tgt Ion:244 Resp: 1324770

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

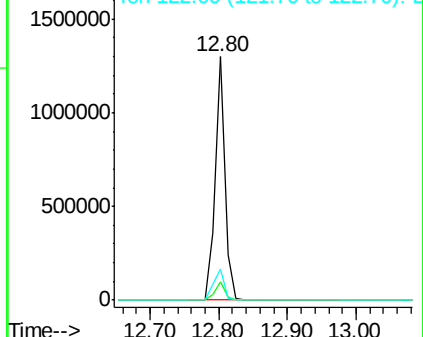
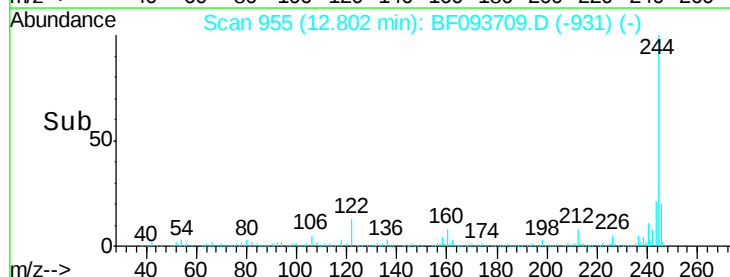
122 13.0 11.4 17.2

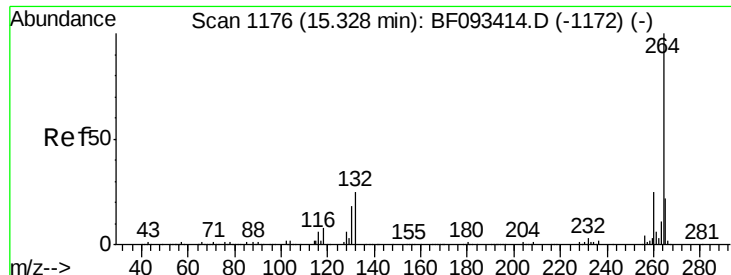


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



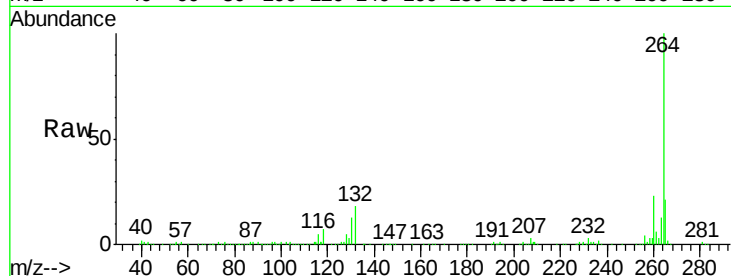


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF093709.D
Acq: 16 Mar 2017 16:40

Instrument :
BNA_F
ClientSampleId :
W-25

Tot Ion: 264 Resp: 272038

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	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

