

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093518.D
 Acq On : 10 Mar 2017 11:53
 Operator : SJ/MA
 Sample : I2176-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EW-04

Quant Time: Mar 10 13:11:07 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

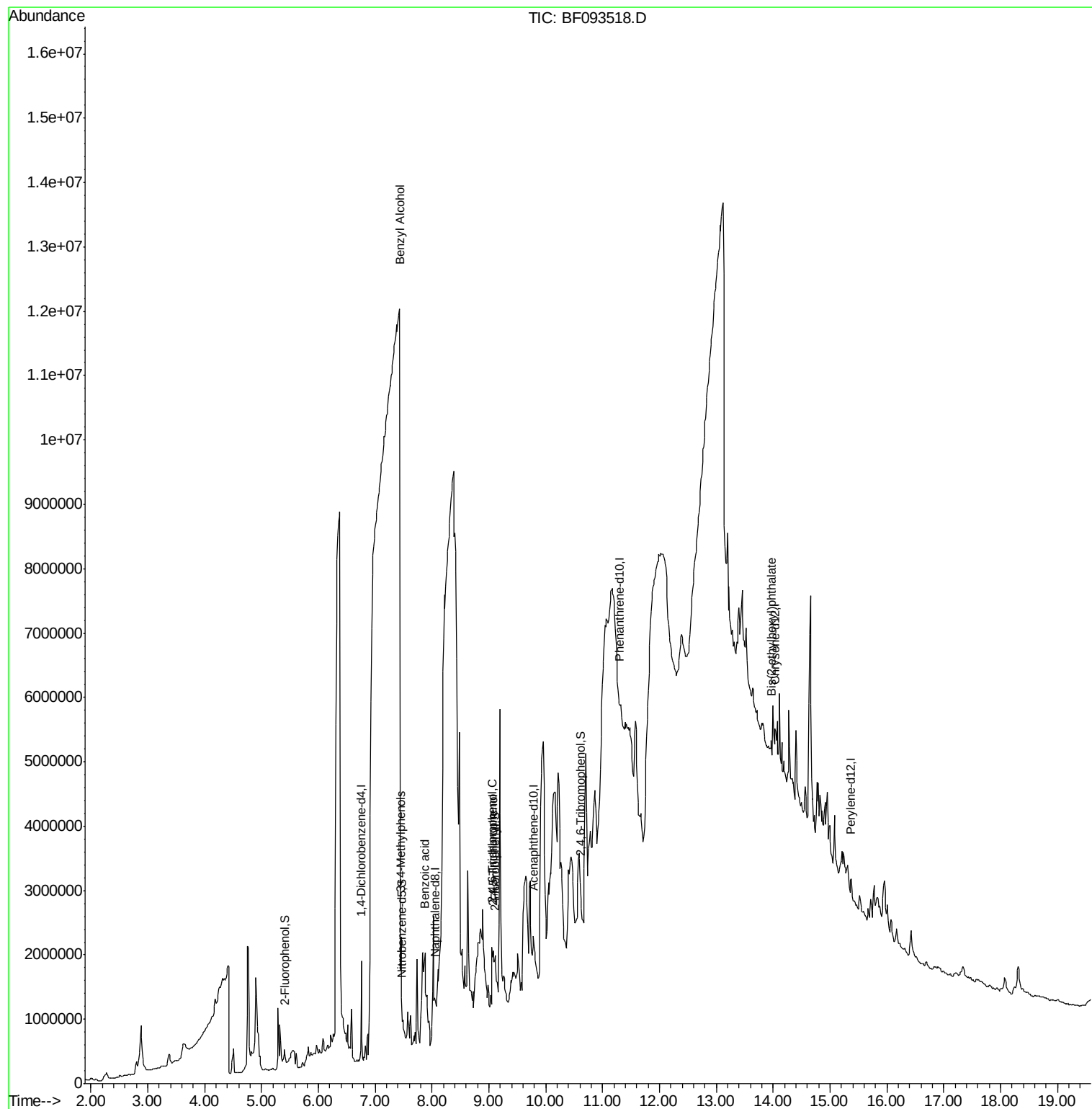
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	149156	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	552590	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	220067	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	540799	20.00	ng	0.02
75) Chrysene-d12	14.04	240	225549	20.00	ng	0.11
86) Perylene-d12	15.36	264	179762	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	135107m	15.08	ng	0.06
7) Phenol-d6	6.34	99	1035	0.09	ng	-0.07
23) Nitrobenzene-d5	7.48	82	148854	14.95	ng	0.14
41) 2,4,6-Tribromophenol	10.62	330	39388	27.47	ng	0.02
44) 2-Fluorobiphenyl	9.11	172	275015	23.24	ng	-0.02
78) Terphenyl-d14	12.88	244	6157	0.71	ng	0.01
Target Compounds						
9) Benzaldehyde	6.38	77	8565888	Below Cal		Qvalue 98
15) Benzyl Alcohol	7.43	79	62133917m	7712.65	ng	
20) 3+4-Methylphenols	7.45	107	340986m	30.96	ng	
32) Benzoic acid	7.88	122	822320	190.48	ng	91
42) 2,4,6-Trichlorophenol	9.05	196	64687m	17.23	ng	
43) 2,4,5-Trichlorophenol	9.08	196	42911m	10.65	ng	
83) Bis(2-ethylhexyl)phthalate	13.97	149	153421	15.94	ng	# 92

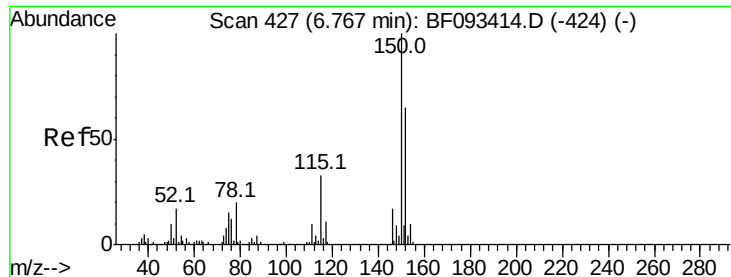
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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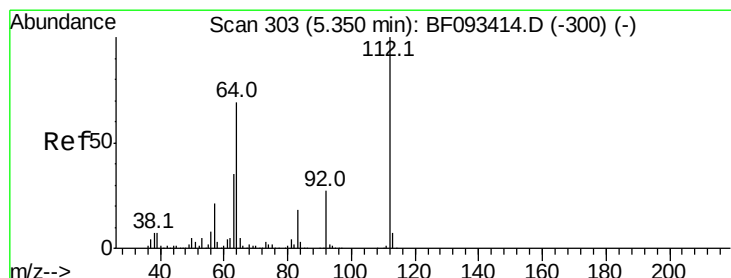
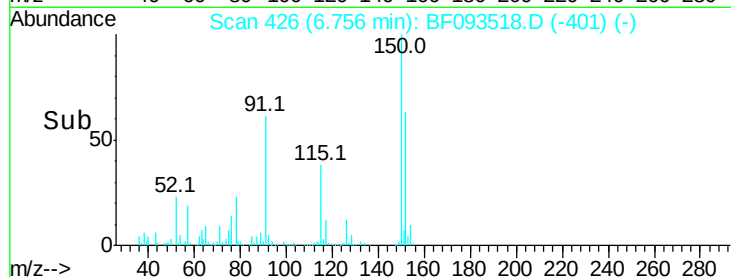
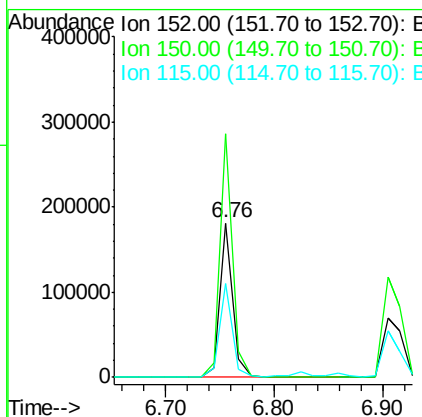
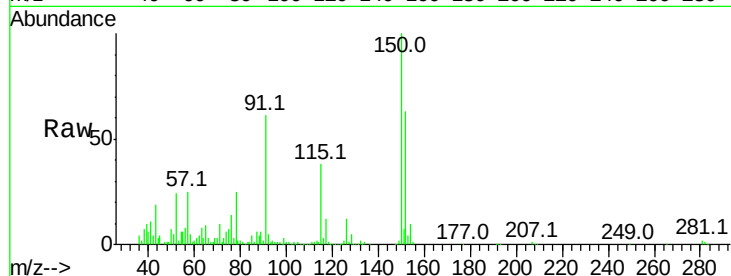


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF093518.D
Acq: 10 Mar 2017 11:53

Instrument :
BNA_F
ClientSampleId :
EW-04

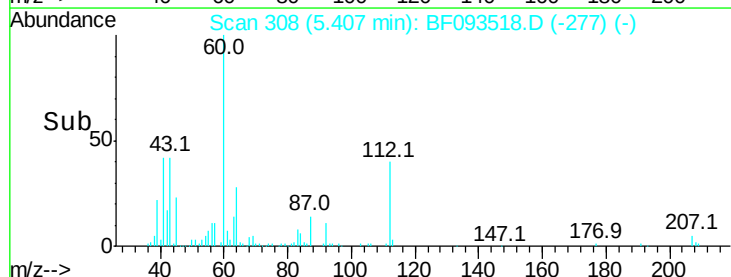
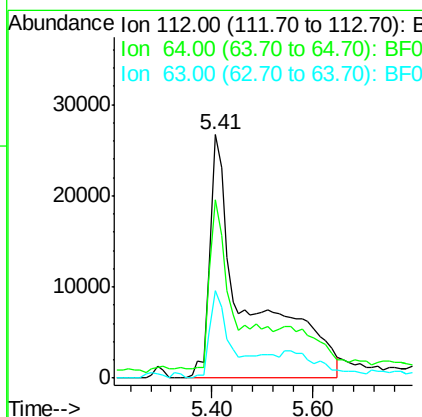
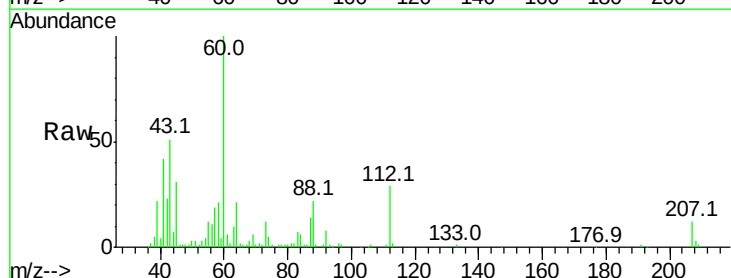
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.9	187.3
115	60.6	46.0	69.0

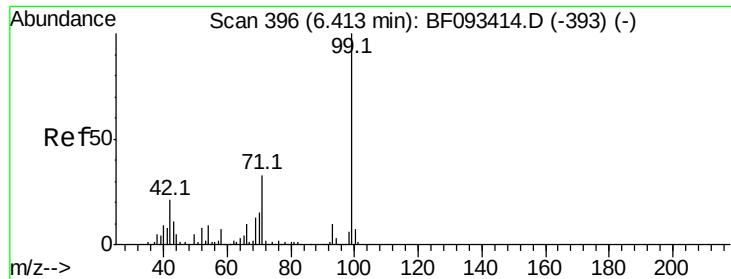


#5

2-Fluorophenol
Concen: 15.08 ng m
RT: 5.41 min Scan# 308
Delta R.T. 0.06 min
Lab File: BF093518.D
Acq: 10 Mar 2017 11:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.2	46.1	69.1#
63	36.0	23.8	35.6#





#7

Phenol-d6

Concen: 0.09 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.07 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

Instrument :

BNA_F

ClientSampled :

EW-04

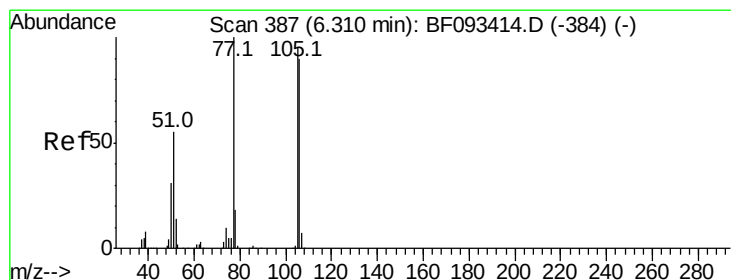
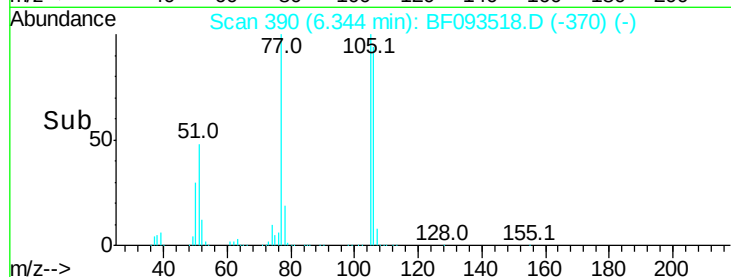
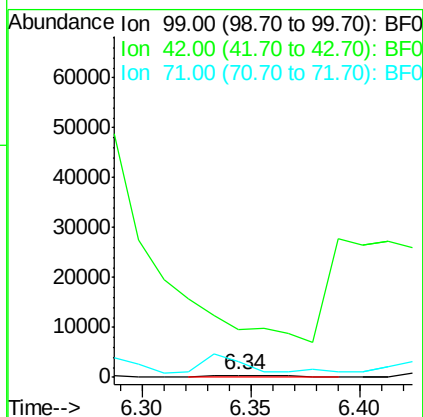
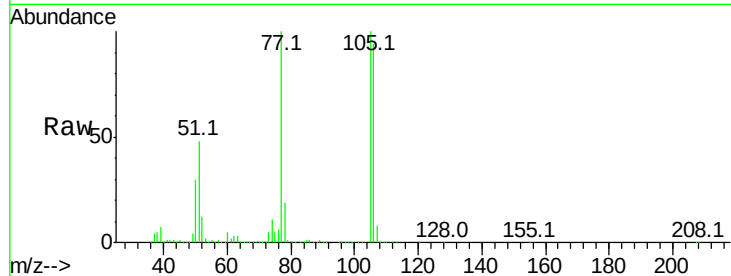
Tot Ion: 99 Resp: 1035

Ion Ratio Lower Upper

99 100

42 2187.4 15.6 23.4#

71 714.2 27.5 41.3#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.38 min Scan# 393

Delta R.T. 0.07 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

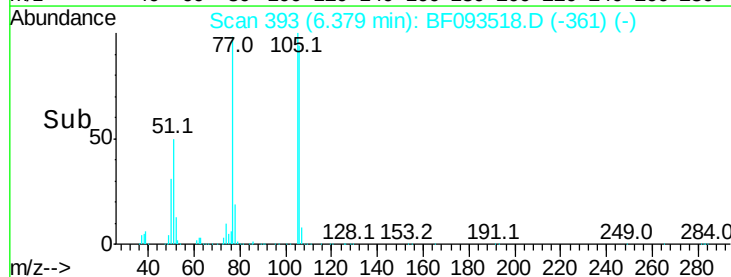
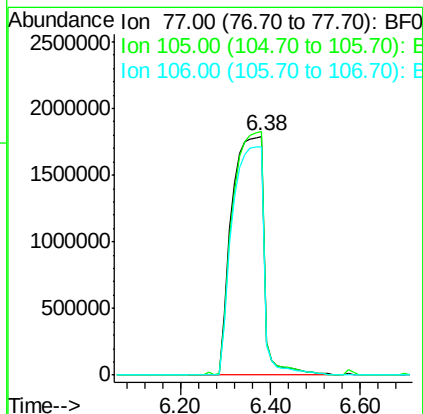
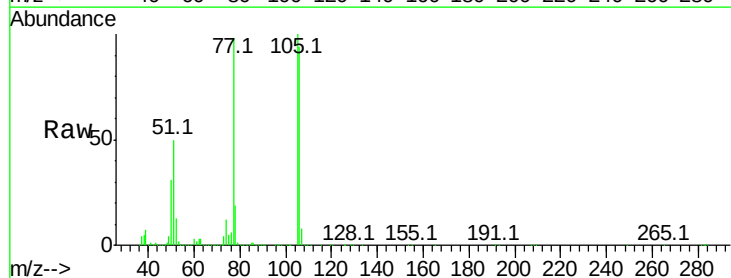
Tgt Ion: 77 Resp: 8565888

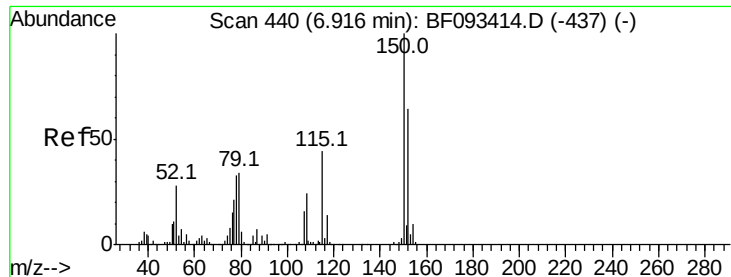
Ion Ratio Lower Upper

77 100

105 102.0 83.9 123.9

106 95.9 77.6 117.6





#15

Benzyl Alcohol

Concen: 7712.65 ng/mL

RT: 7.43 min Scan# 485

Delta R.T. 0.51 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

Instrument :

BNA_F

ClientSampleID :

EW-04

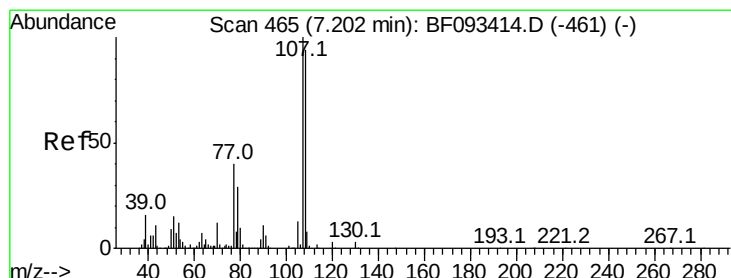
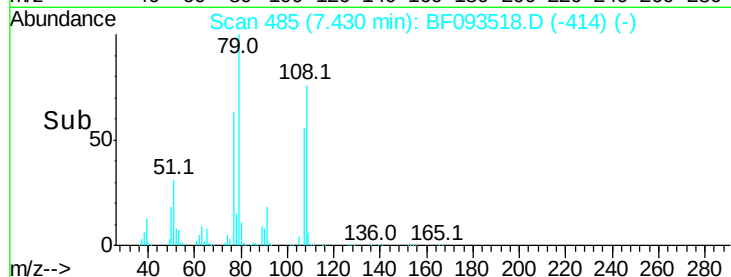
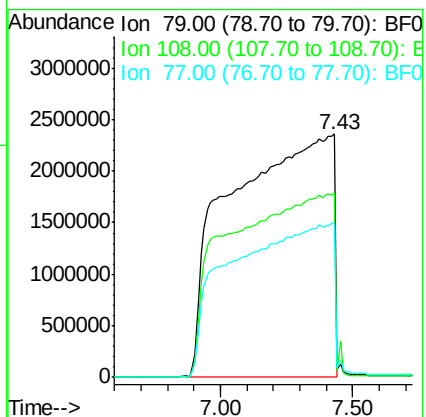
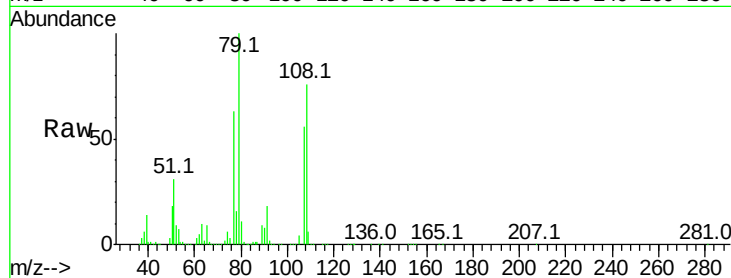
Tot Ion: 79 Resp: 62133917

Ion	Ratio	Lower	Upper
79	100		
108	75.9	61.4	92.0
77	63.4	50.9	76.3

79 100

108 75.9 61.4 92.0

77 63.4 50.9 76.3



#20

3+4-Methylphenols

Concen: 30.96 ng/mL

RT: 7.45 min Scan# 487

Delta R.T. 0.25 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

Tgt Ion: 107 Resp: 340986

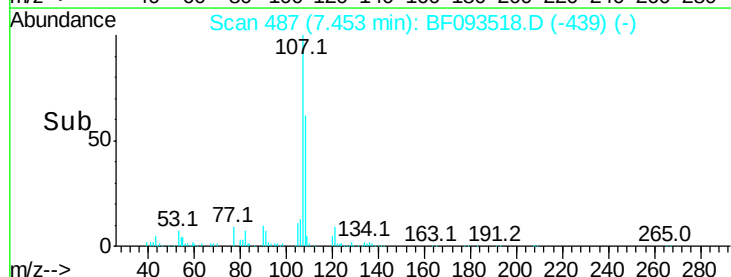
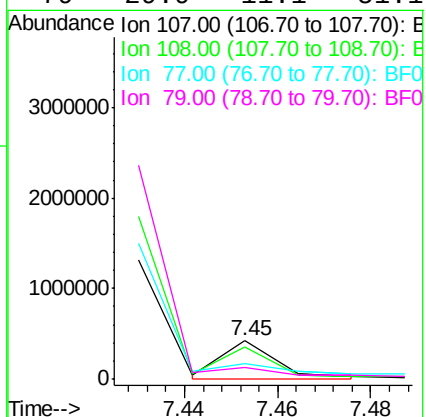
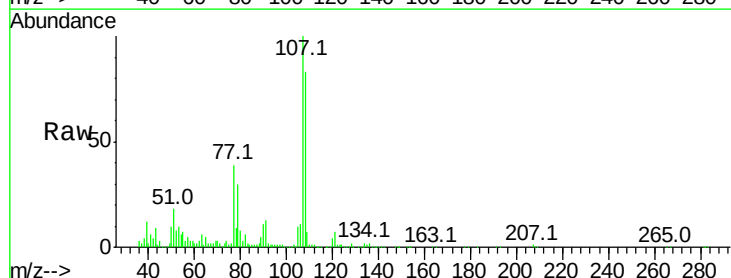
Ion	Ratio	Lower	Upper
107	100		
108	83.2	73.0	113.0
77	39.5	71.3	111.3
79	29.9	11.1	51.1

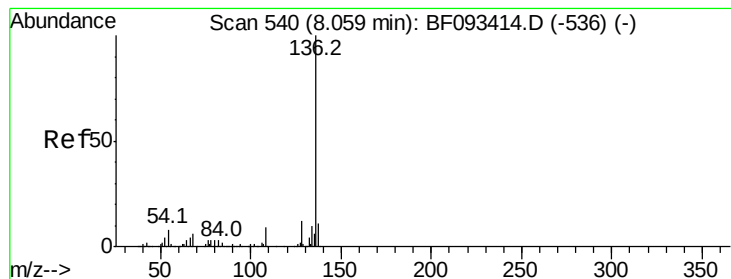
107 100

108 83.2 73.0 113.0

77 39.5 71.3 111.3

79 29.9 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

Instrument :

BNA_F

ClientSampleId :

EW-04

Tot Ion:136 Resp: 552590

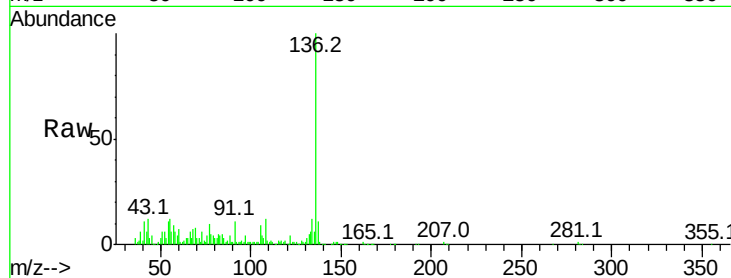
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.5 4.5 6.7#

68 7.4 3.6 5.4#

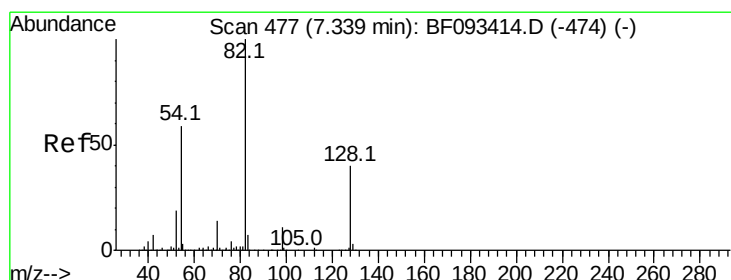
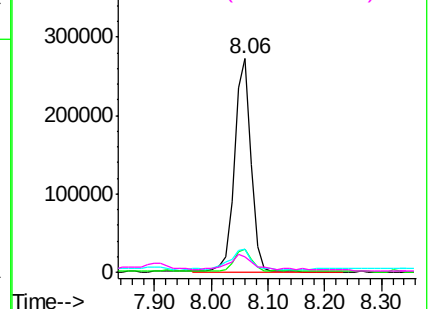
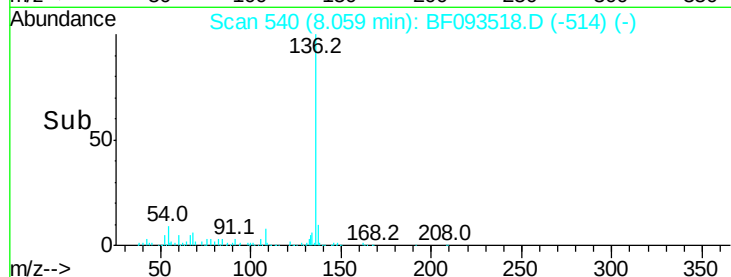


Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.95 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.14 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

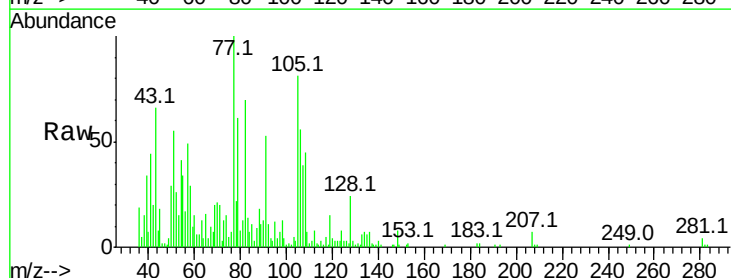
Tgt Ion: 82 Resp: 148854

Ion Ratio Lower Upper

82 100

128 35.0 34.6 52.0

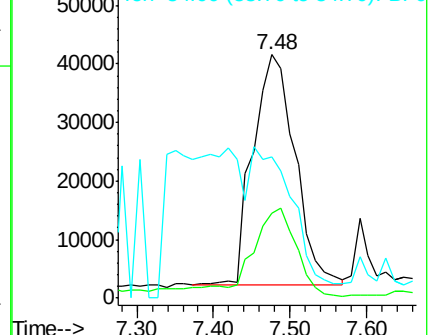
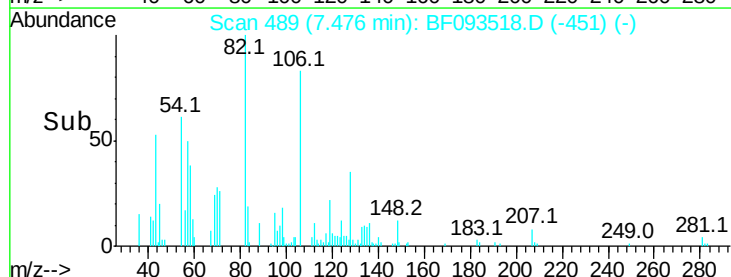
54 58.2 39.5 59.3

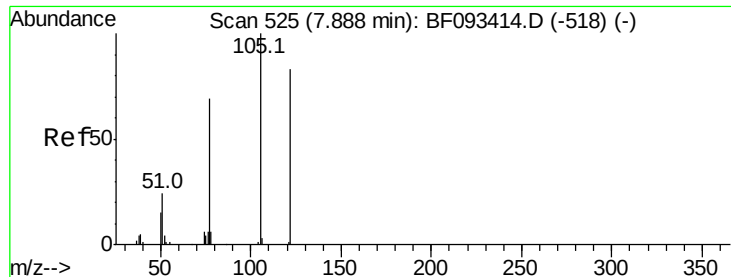


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

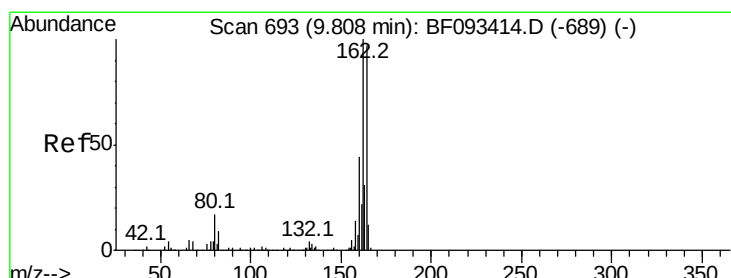
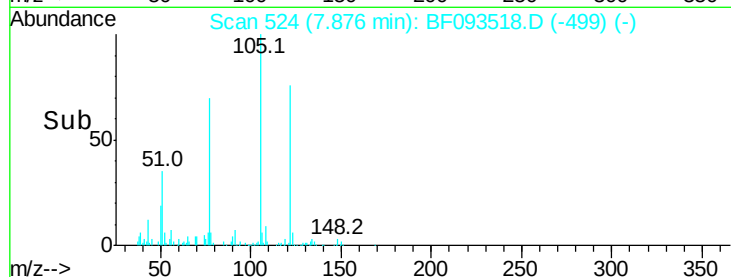
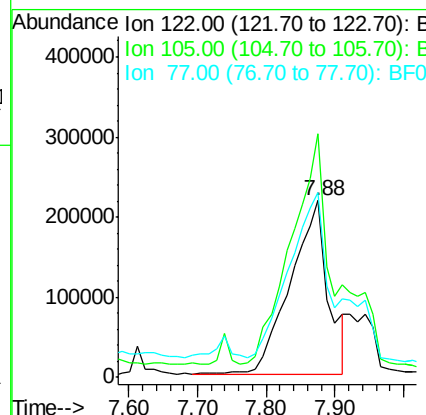
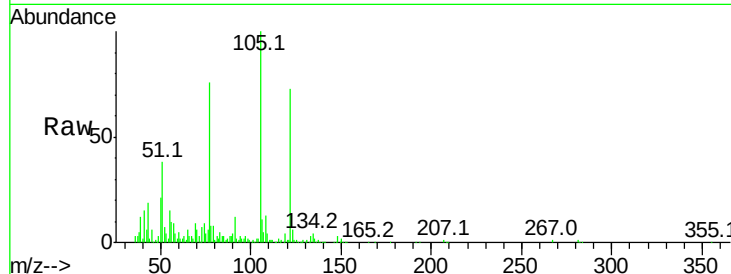




#32
Benzoic acid
Concen: 190.48 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF093518.D
Acq: 10 Mar 2017 11:53

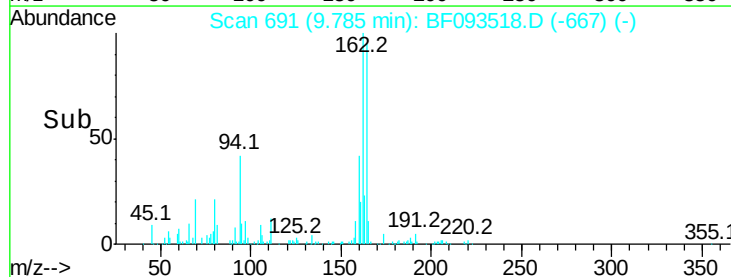
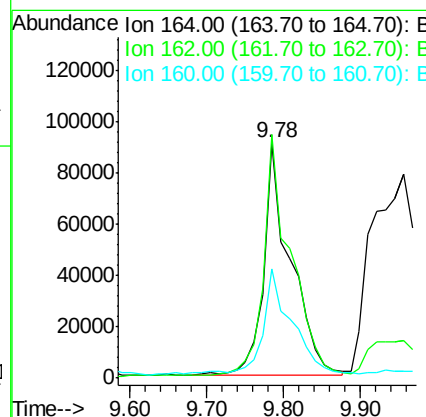
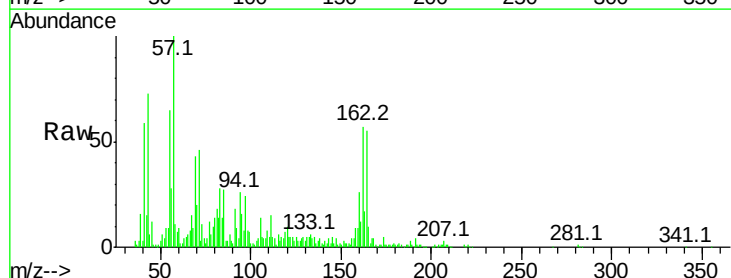
Instrument :
BNA_F
ClientSampleId :
EW-04

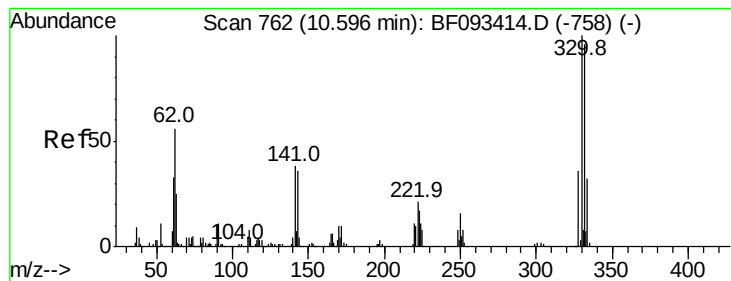
Tot Ion:122 Resp: 822320
Ion Ratio Lower Upper
122 100
105 137.6 107.2 147.2
77 104.2 74.5 114.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093518.D
Acq: 10 Mar 2017 11:53

Tgt Ion:164 Resp: 220067
Ion Ratio Lower Upper
164 100
162 103.7 80.2 120.2
160 46.7 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 27.47 ng

RT: 10.62 min Scan# 764

Delta R.T. 0.02 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

Instrument :

BNA_F

ClientSampleId :

EW-04

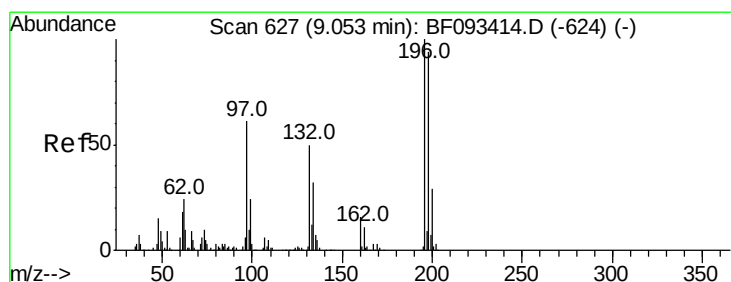
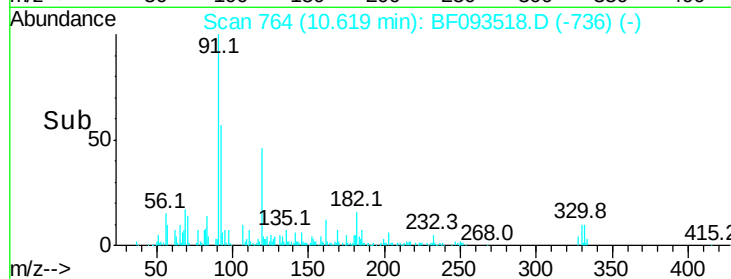
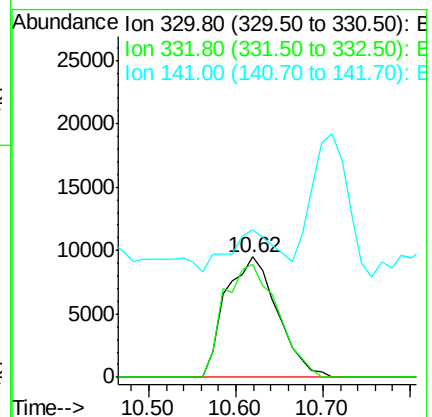
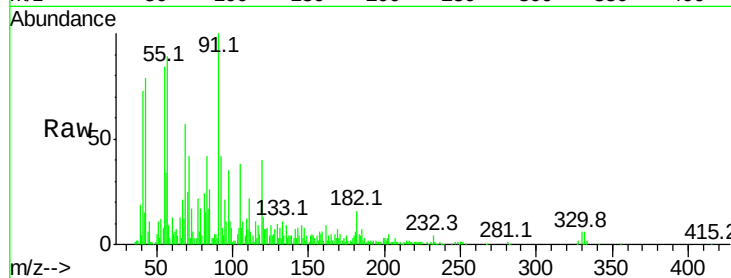
Tot Ion:330 Resp: 39388

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

141 34.1 34.1 51.1



#42

2,4,6-Trichlorophenol

Concen: 17.23 ng m

RT: 9.05 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

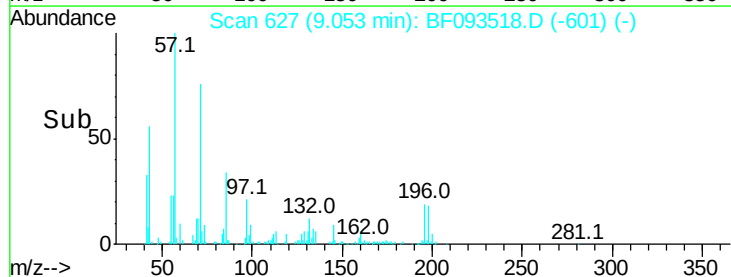
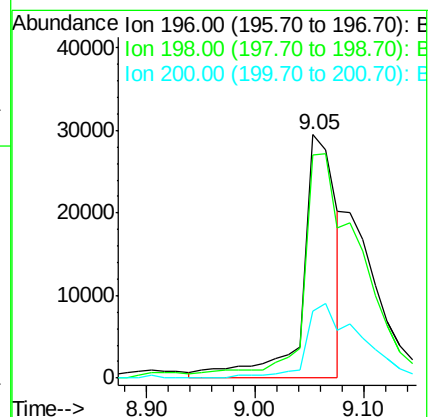
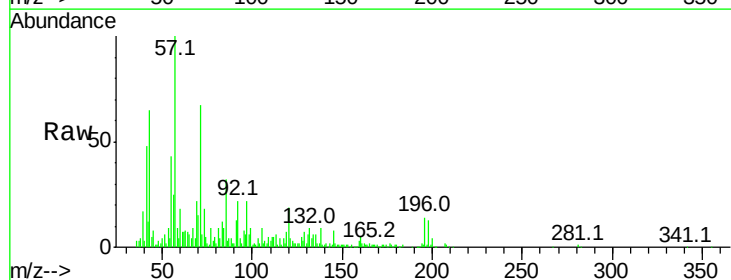
Tgt Ion:196 Resp: 64687

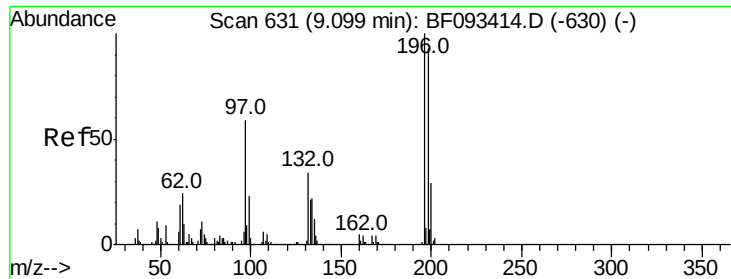
Ion Ratio Lower Upper

196 100

198 91.6 82.1 123.1

200 27.4 27.0 40.4

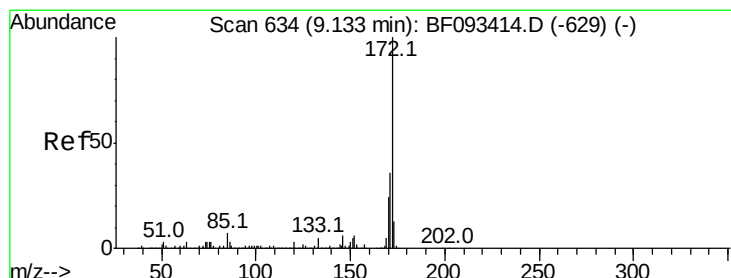
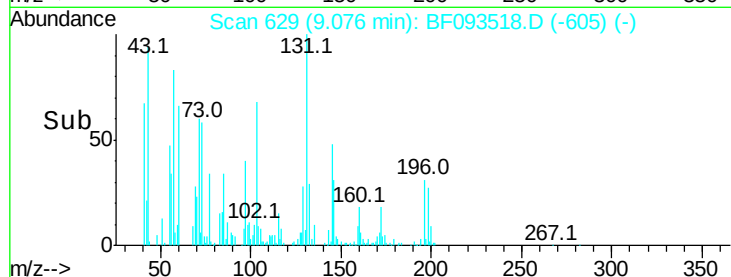
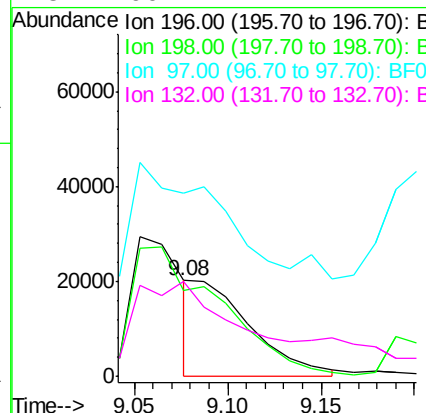
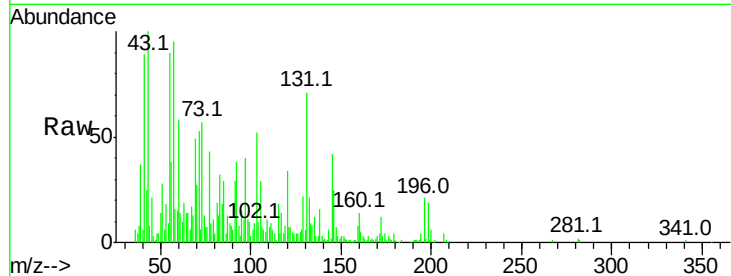




#43
 2,4,5-Trichlorophenol
 Concen: 10.65 ng/ml
 RT: 9.08 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF093518.D
 Acq: 10 Mar 2017 11:53

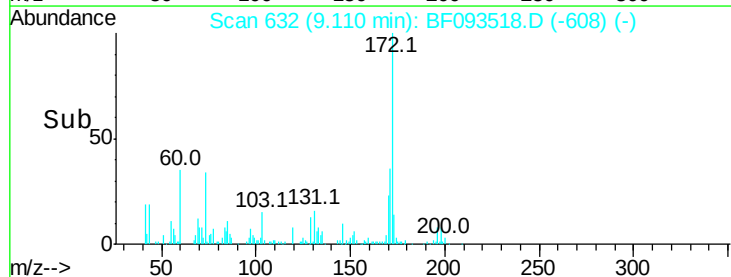
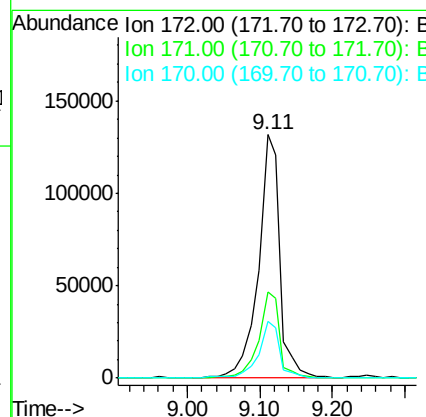
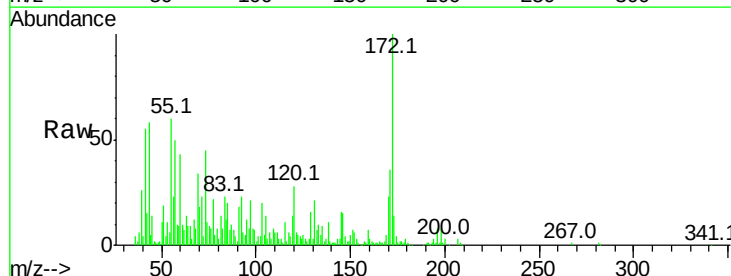
Instrument :
 BNA_F
 ClientSampleID :
 EW-04

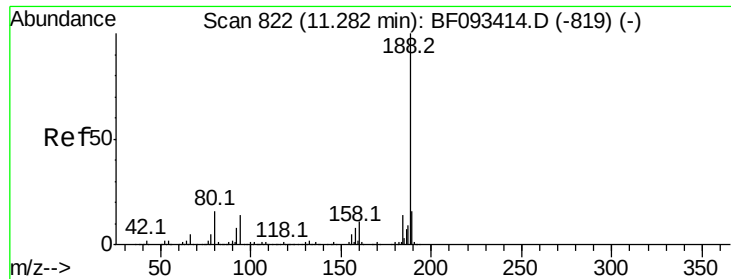
Tot Ion	Ratio	Lower	Upper
196	100		
198	89.8	79.4	119.2
97	190.8	51.5	77.3#
132	99.4	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 23.24 ng/ml
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093518.D
 Acq: 10 Mar 2017 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.1	20.2	30.4

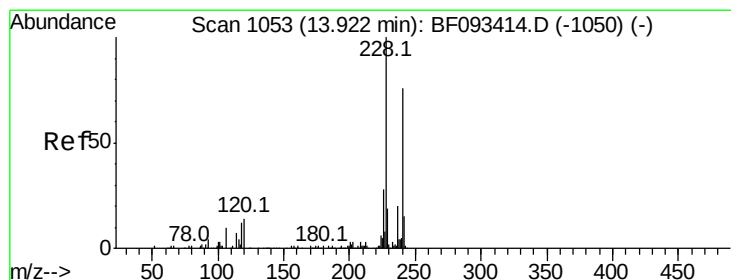
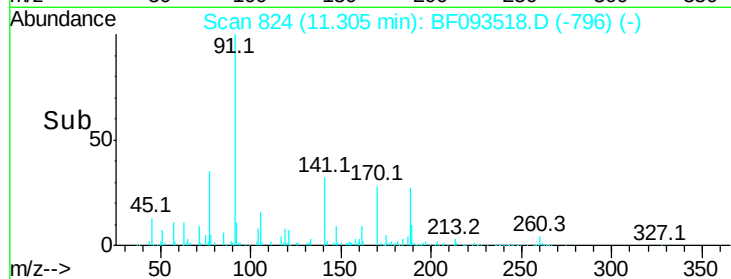
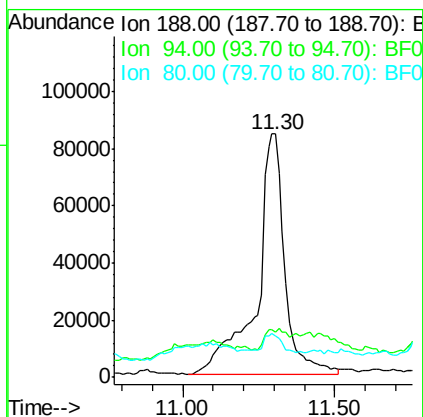
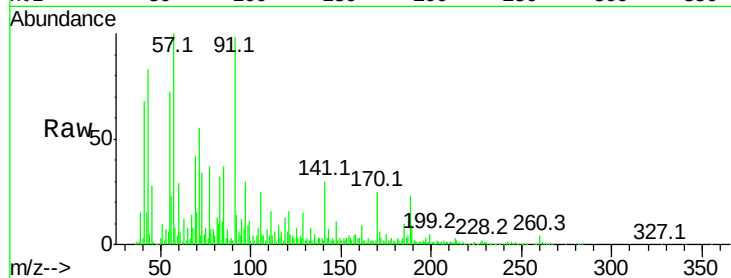




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 824
Delta R.T. 0.02 min
Lab File: BF093518.D
Acq: 10 Mar 2017 11:53

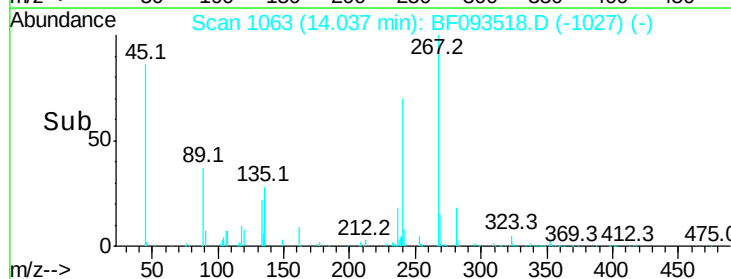
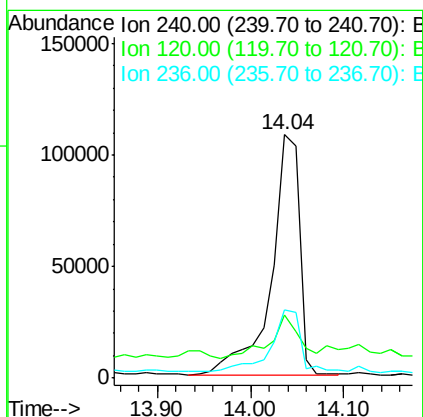
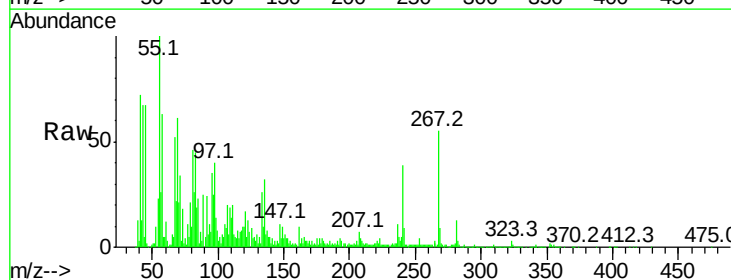
Instrument :
BNA_F
ClientSampleId :
EW-04

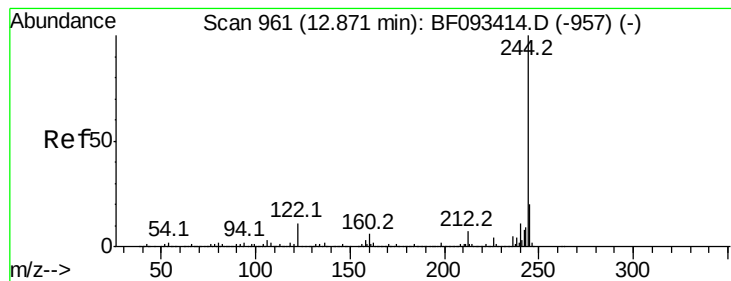
Tot Ion:188 Resp: 540799
Ion Ratio Lower Upper
188 100
94 18.4 10.0 15.0#
80 17.2 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1063
Delta R.T. 0.11 min
Lab File: BF093518.D
Acq: 10 Mar 2017 11:53

Tgt Ion:240 Resp: 225549
Ion Ratio Lower Upper
240 100
120 26.0 12.9 19.3#
236 28.0 20.9 31.3





#78

Terphenyl-d14

Concen: 0.71 ng

RT: 12.88 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

Instrument :

BNA_F

ClientSampleId :

EW-04

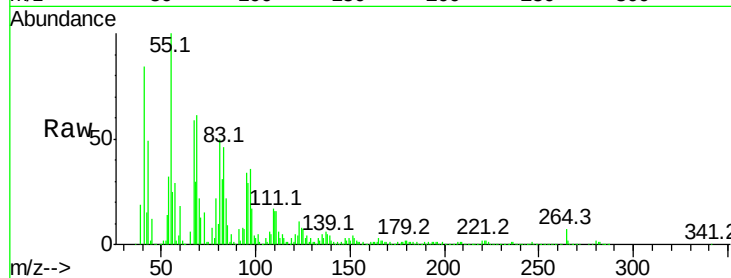
Tot Ion:244 Resp: 6157

Ion Ratio Lower Upper

244 100

212 40.3 6.2 9.2#

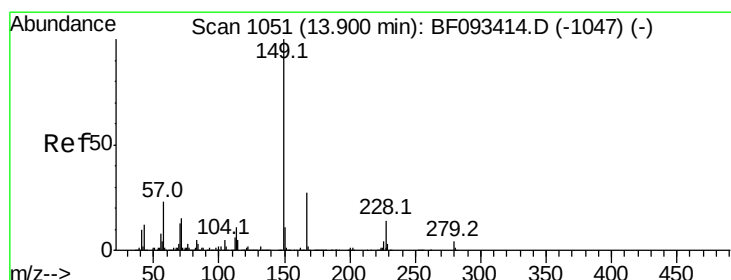
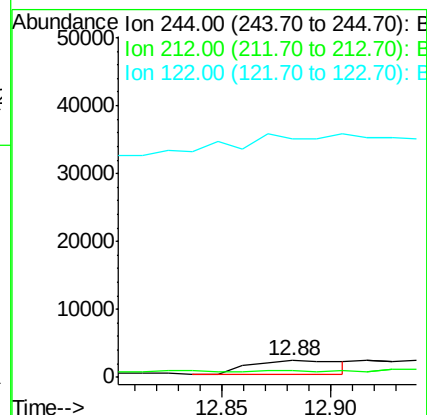
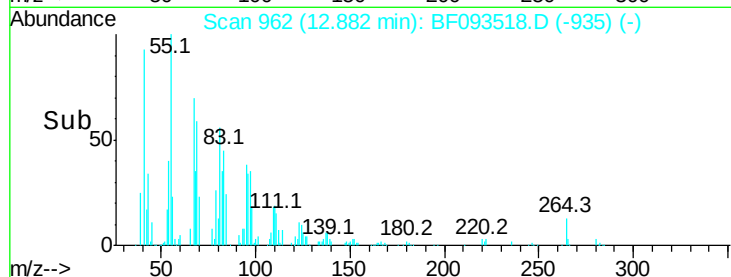
122 1421.9 11.4 17.2#



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: 15.94 ng

RT: 13.97 min Scan# 1057

Delta R.T. 0.07 min

Lab File: BF093518.D

Acq: 10 Mar 2017 11:53

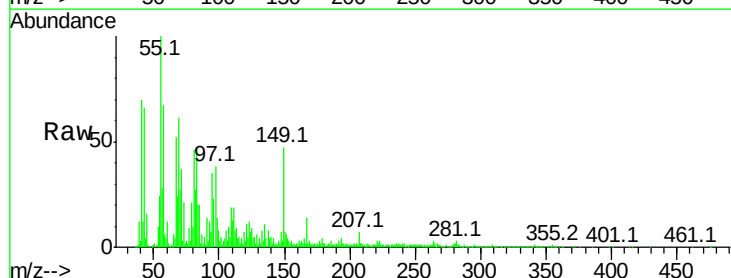
Tgt Ion:149 Resp: 153421

Ion Ratio Lower Upper

149 100

167 29.5 20.2 30.4

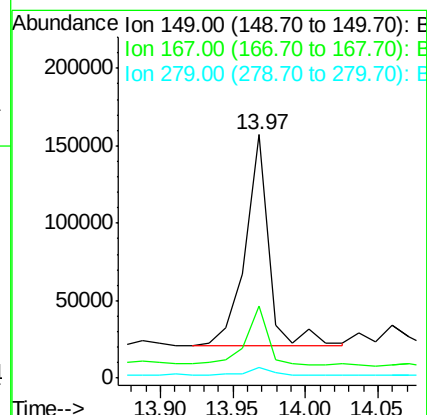
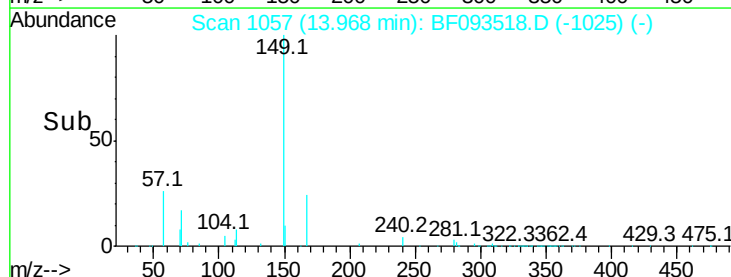
279 4.2 1.8 2.8#

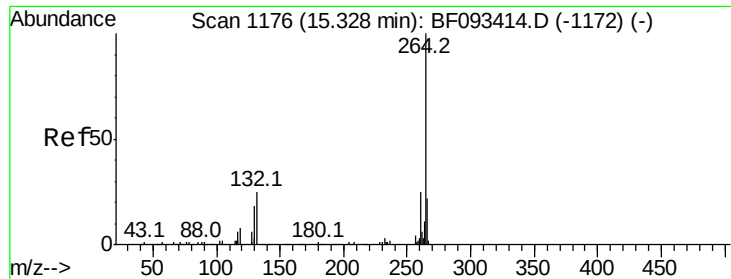


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

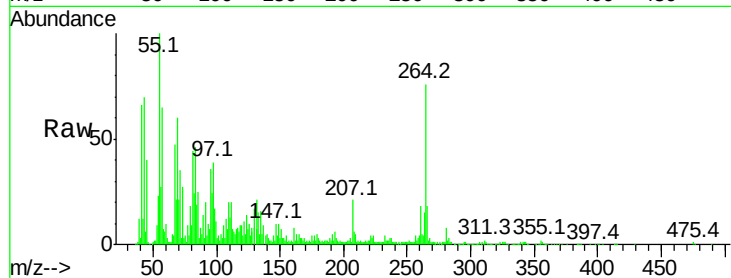




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BF093518.D
Acq: 10 Mar 2017 11:53

Instrument :
BNA_F
ClientSampleId :
EW-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	23.5	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

