

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098114.D
 Acq On : 29 Aug 2017 16:47
 Operator : SJ/JU
 Sample : I4988-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

Quant Time: Aug 30 04:44:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

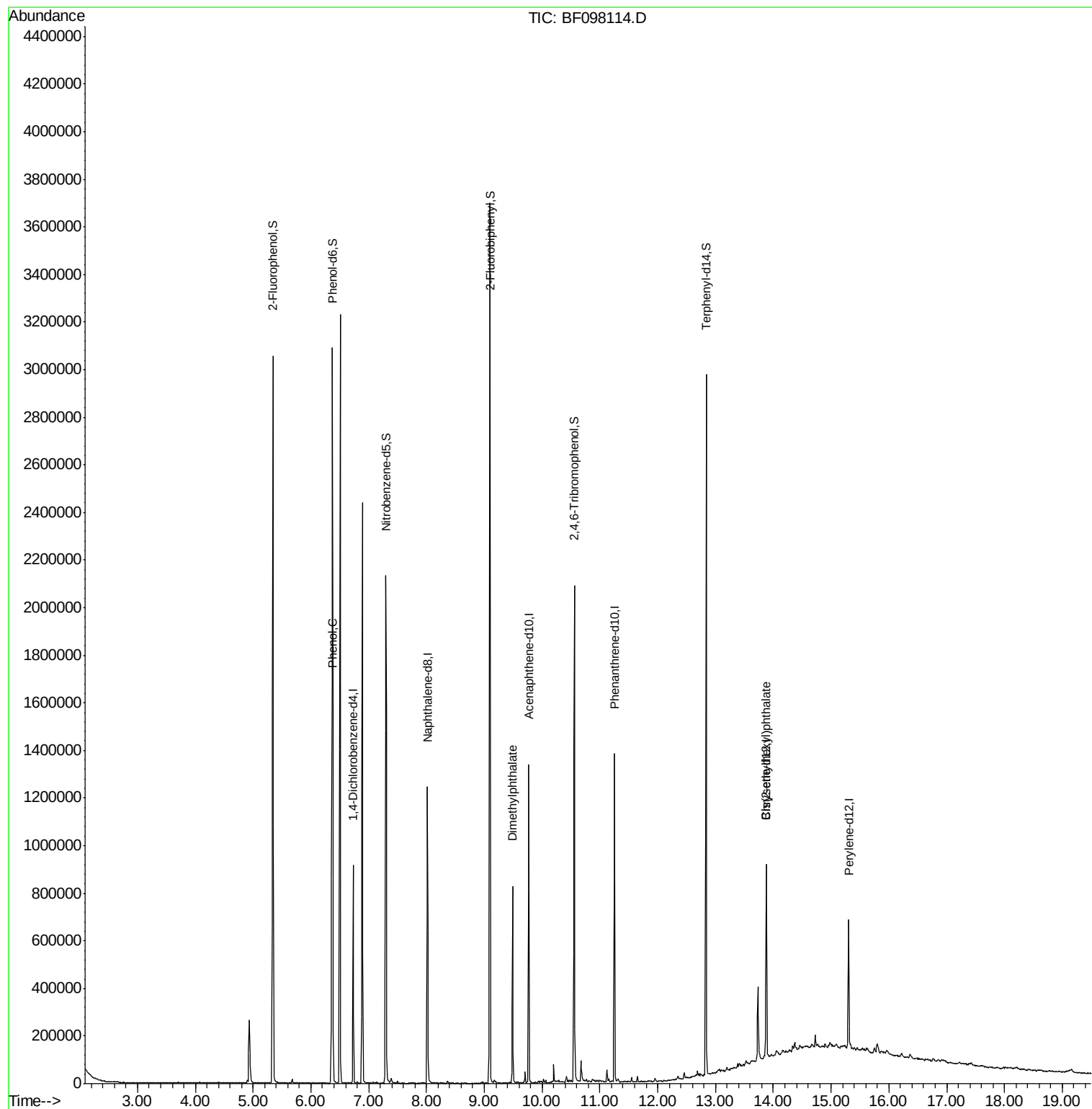
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	125409	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	516985	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	238951	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	433687	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	252840	20.00	ng	-0.02
86) Perylene-d12	15.30	264	232797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	954538	115.78	ng	0.00
7) Phenol-d6	6.37	99	1324016	118.19	ng	-0.01
23) Nitrobenzene-d5	7.30	82	847103	89.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	260106	125.46	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1237274	76.07	ng	-0.01
78) Terphenyl-d14	12.84	244	914651	75.44	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	46983	3.586	ng	87
49) Dimethylphthalate	9.49	163	299403	17.141	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	66620	7.583	ng	# 98

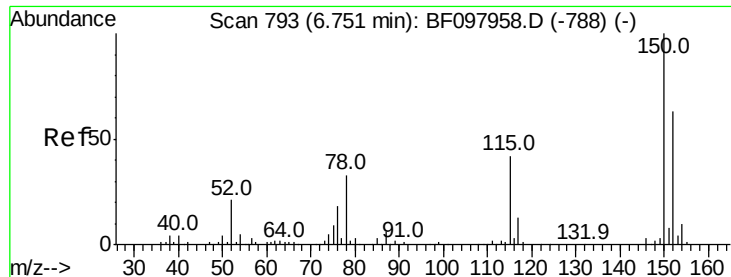
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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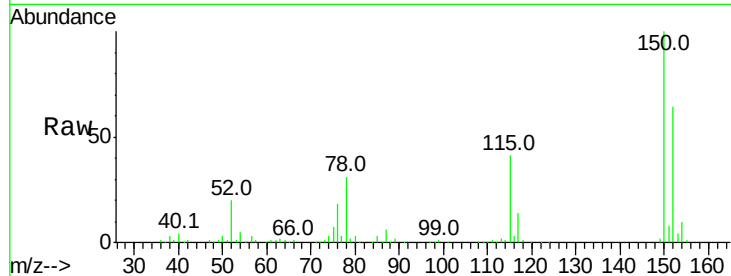


#1

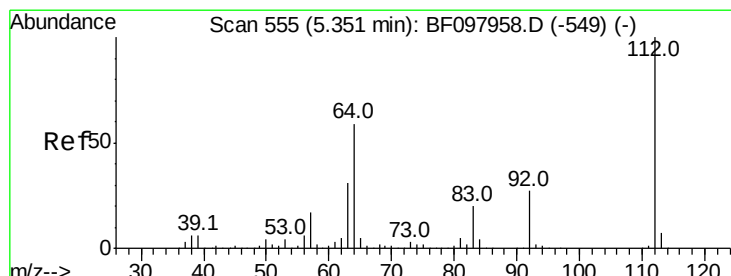
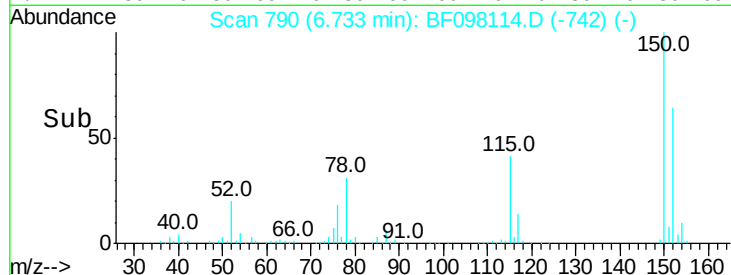
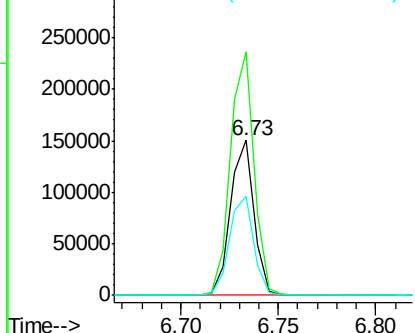
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

Instrument :
BNA_F
ClientSampleId :
FF2-COMP

Tot Ion:152 Resp: 125409
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 64.2 52.2 78.2



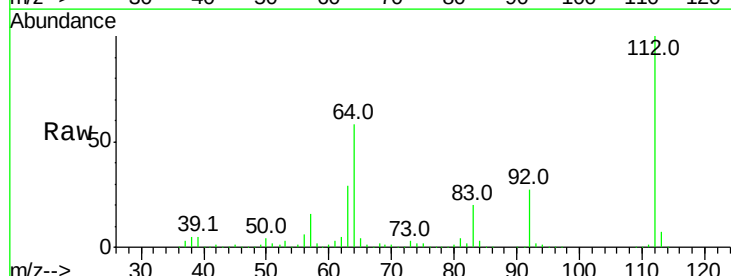
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



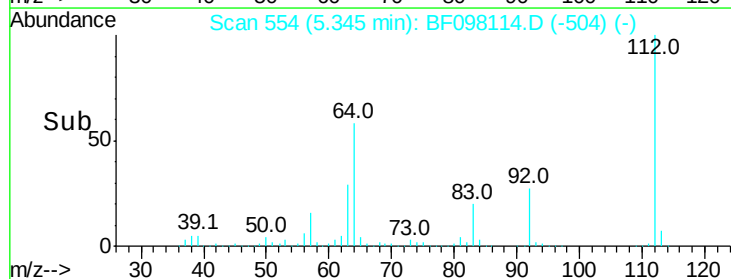
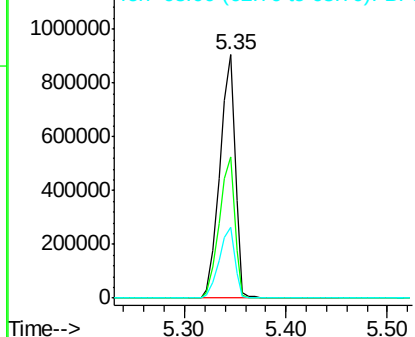
#5

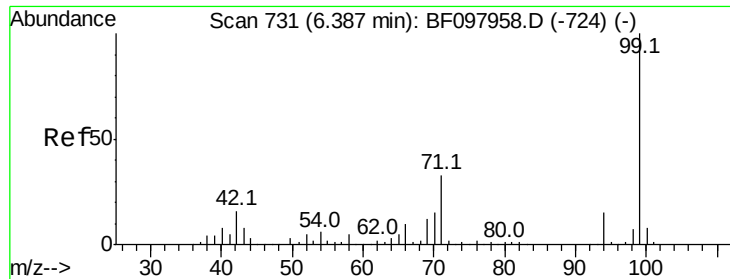
2-Fluorophenol
Concen: 115.775 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

Tgt Ion:112 Resp: 954538
Ion Ratio Lower Upper
112 100
64 57.8 46.0 69.0
63 29.1 23.4 35.0



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: 118.192 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

FF2-COMP

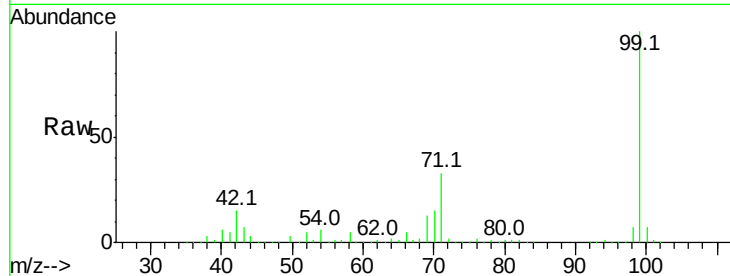
Tot Ion: 99 Resp: 1324016

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

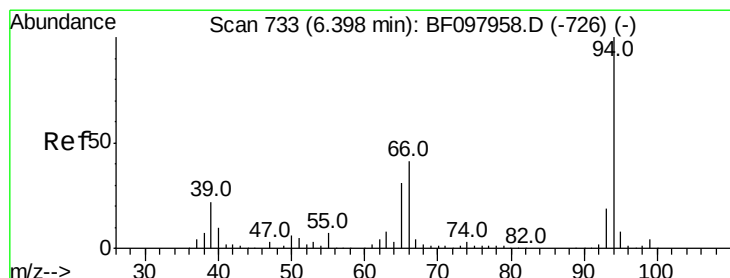
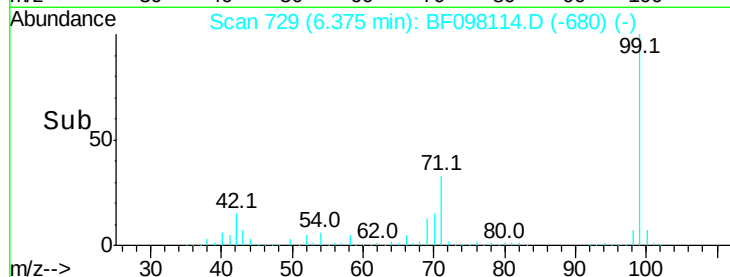
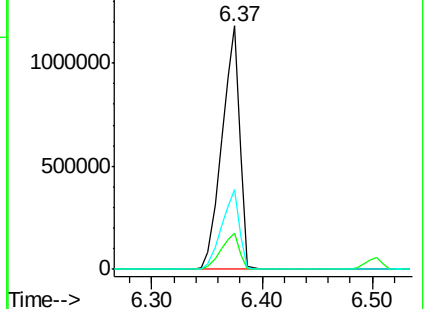
71 32.6 24.5 36.7



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: 3.586 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

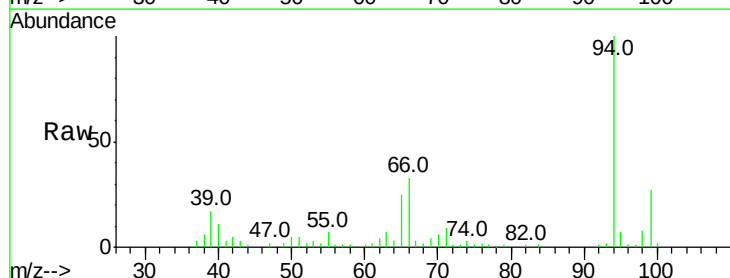
Tgt Ion: 94 Resp: 46983

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

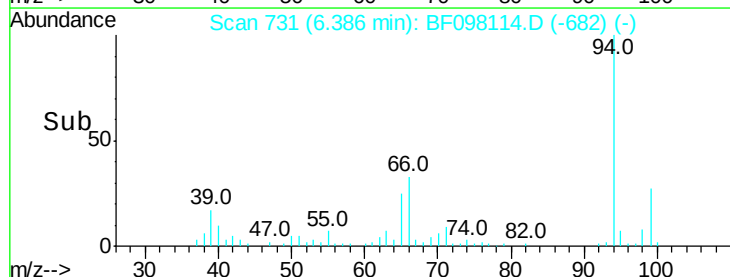
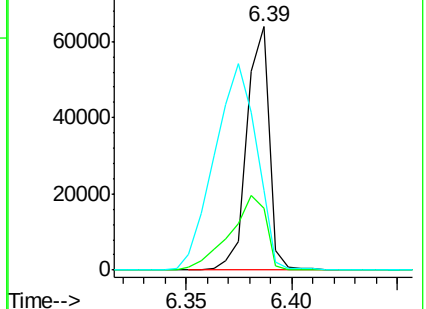
66 32.9 23.1 63.1

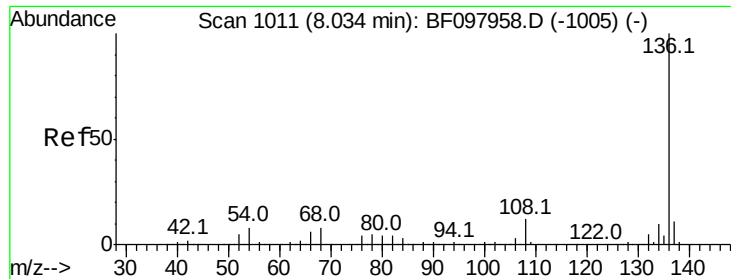


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

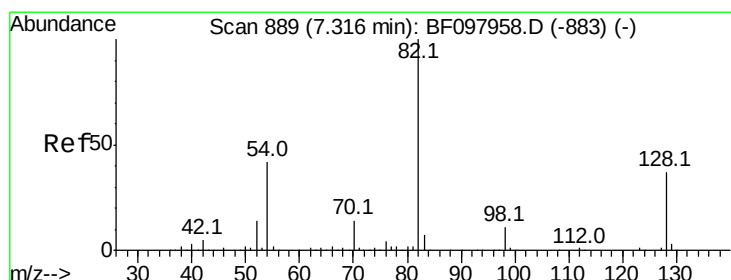
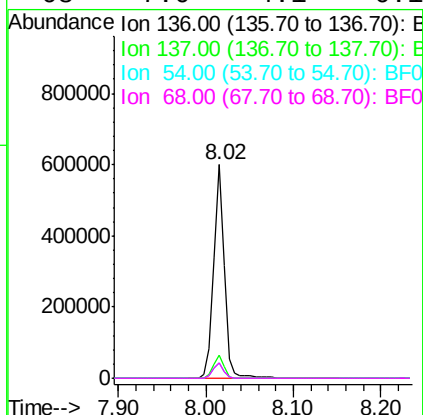
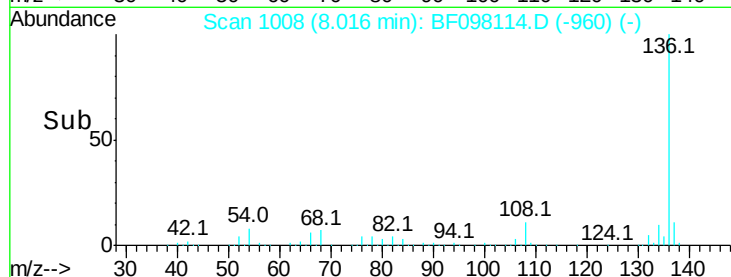
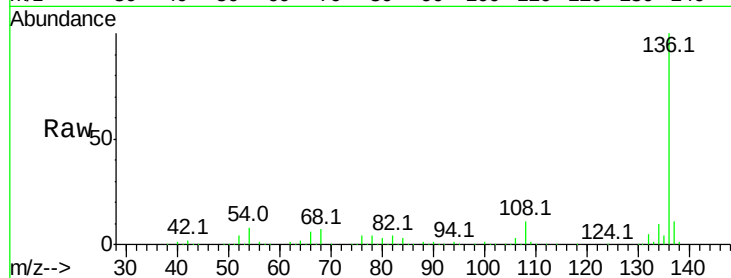




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

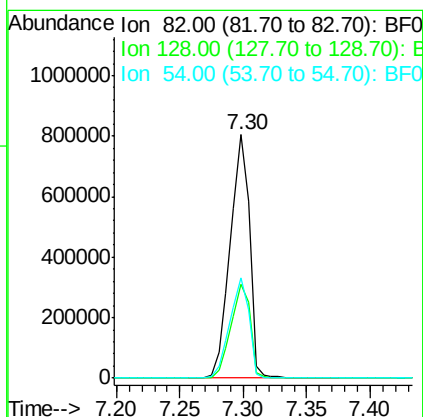
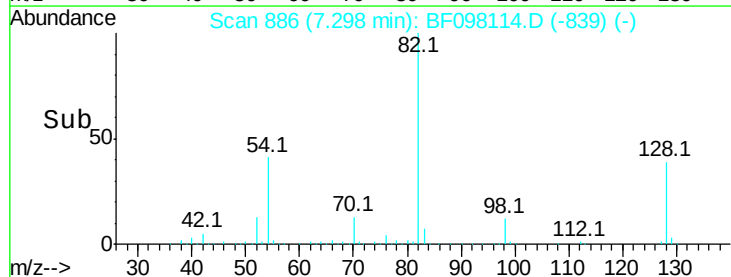
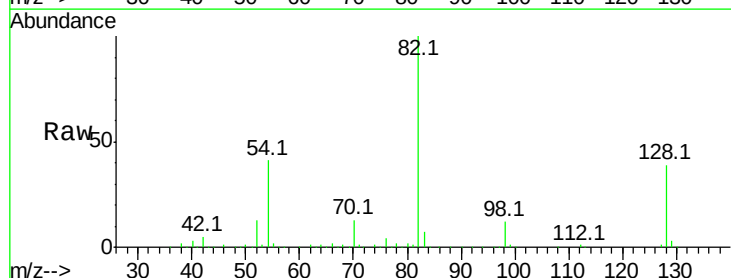
Instrument :
BNA_F
ClientSampleId :
FF2-COMP

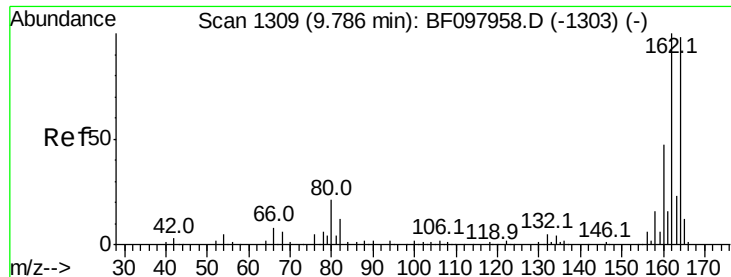
Tot Ion:136	Resp:	516985
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.5	4.9 7.3#
68	7.0	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 89.013 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

Tgt Ion: 82	Resp:	847103
Ion Ratio	Lower	Upper
82	100	
128	38.7	34.0 51.0
54	41.3	42.2 63.2#

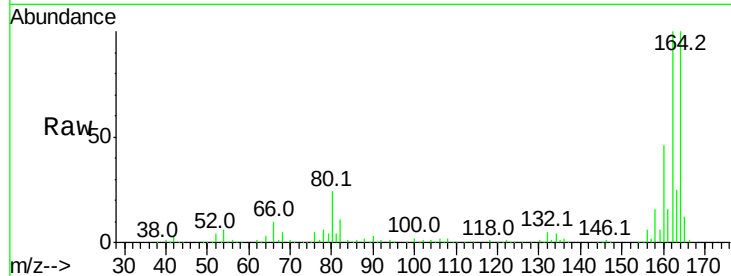




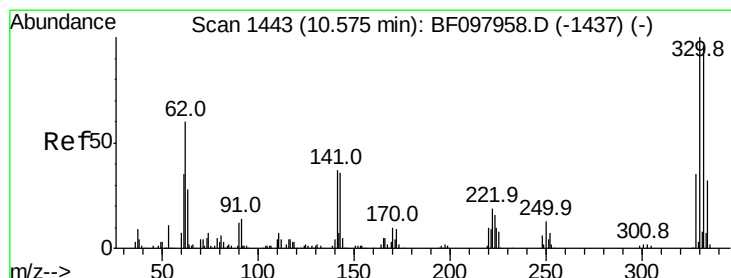
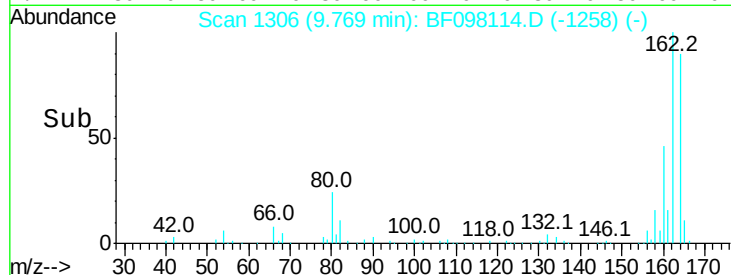
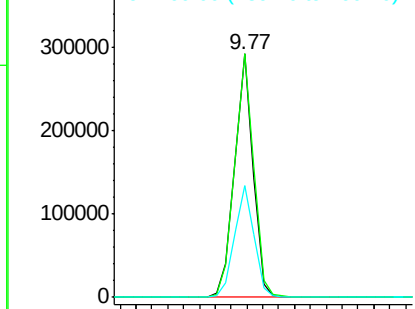
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

Tot Ion:164 Resp: 238951
 Ion Ratio Lower Upper
 164 100
 162 100.0 82.6 123.8
 160 46.0 36.2 54.2

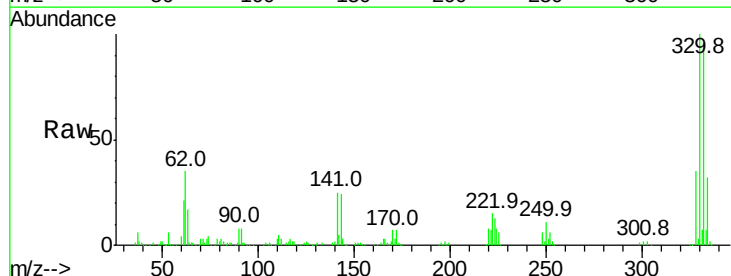


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

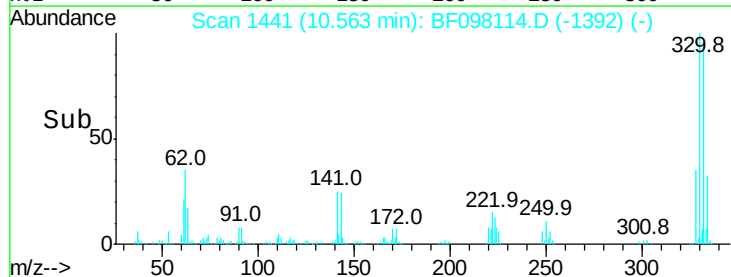
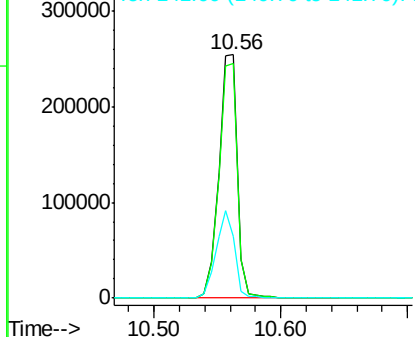


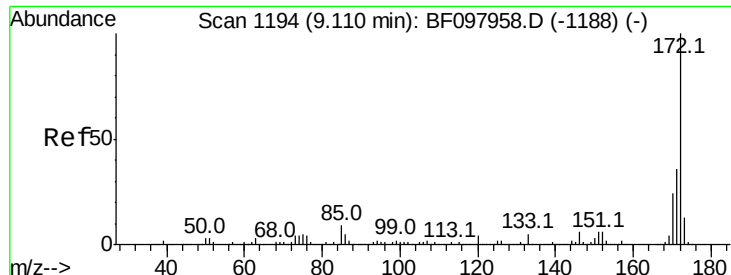
#41
 2,4,6-Tribromophenol
 Concen: 125.456 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Tgt Ion:330 Resp: 260106
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 35.9 31.4 47.2



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

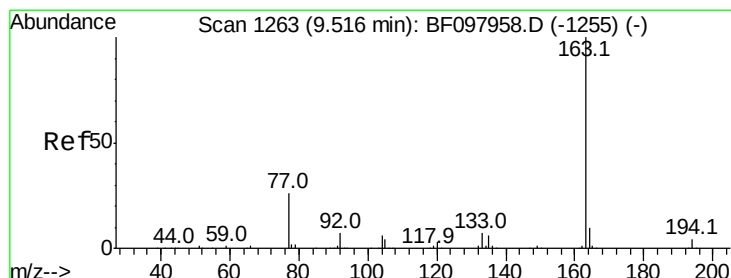
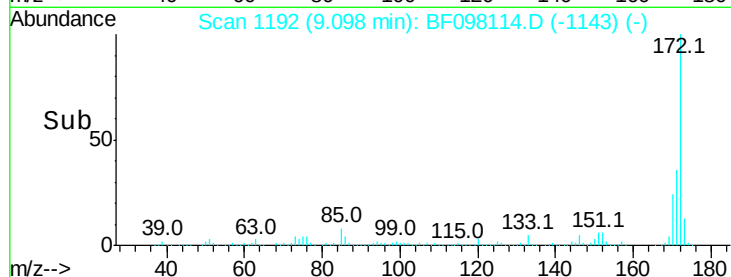
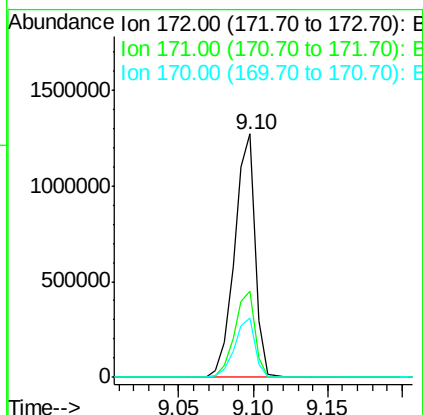
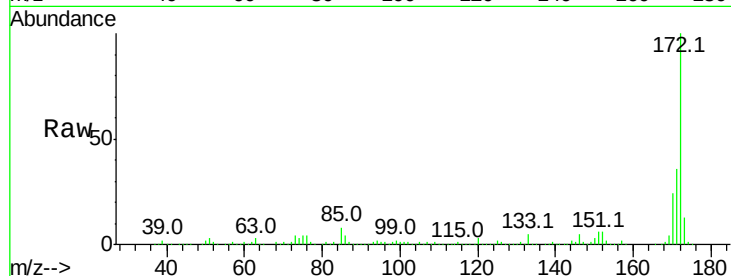




#44
2-Fluorobiphenyl
Concen: 76.075 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

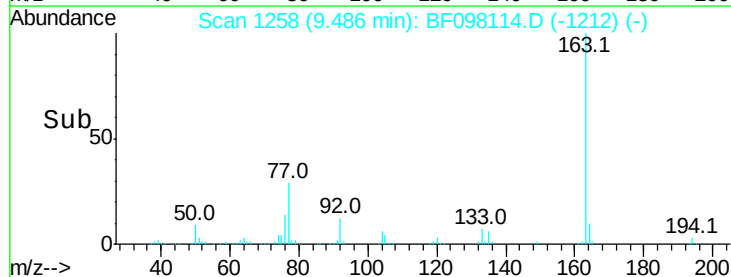
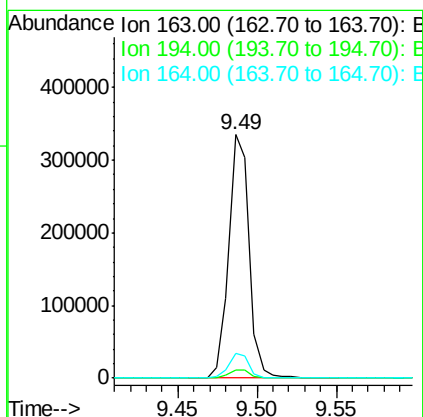
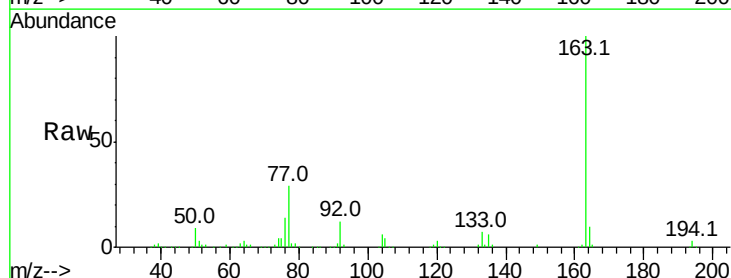
Instrument :
BNA_F
ClientSampleId :
FF2-COMP

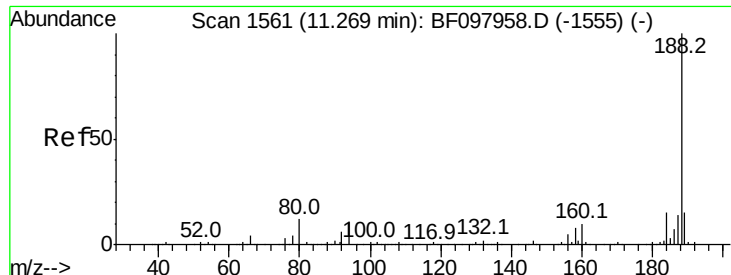
Tot Ion:172 Resp: 1237274
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 24.4 19.8 29.8



#49
Dimethylphthalate
Concen: 17.141 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098114.D
Acq: 29 Aug 2017 16:47

Tgt Ion:163 Resp: 299403
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

FF2-COMP

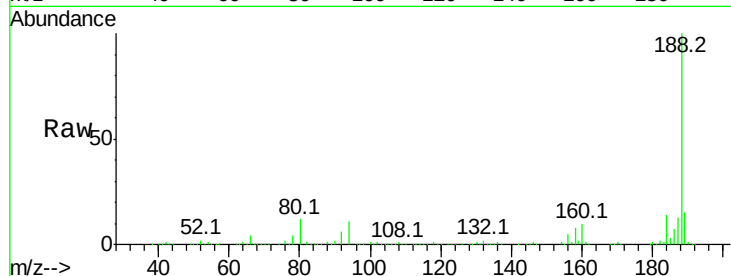
Tot Ion:188 Resp: 433687

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

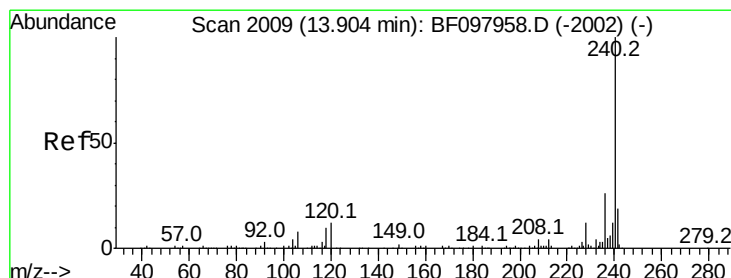
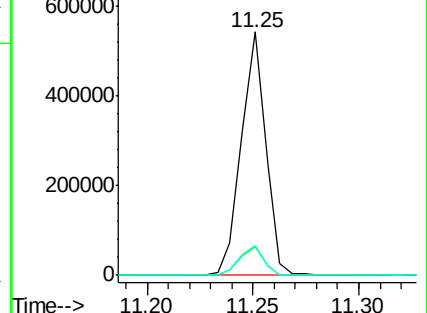
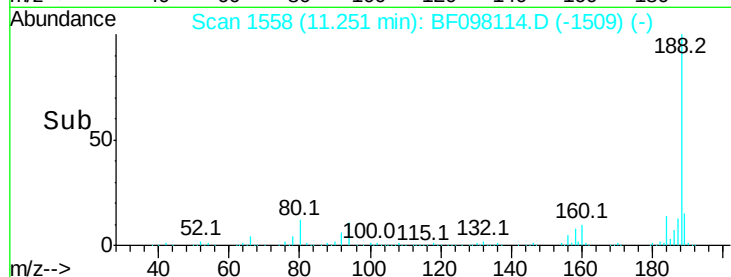
80 12.2 10.2 15.2



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: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF098114.D

Acq: 29 Aug 2017 16:47

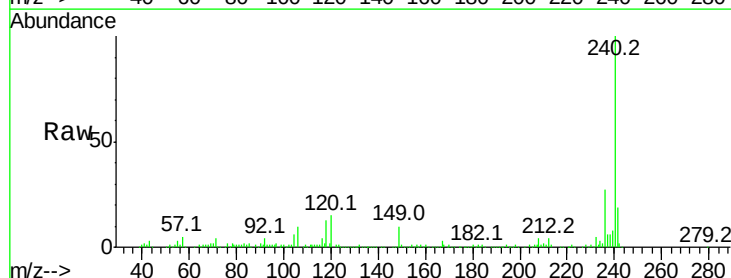
Tgt Ion:240 Resp: 252840

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

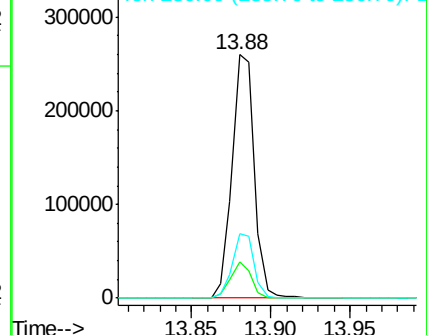
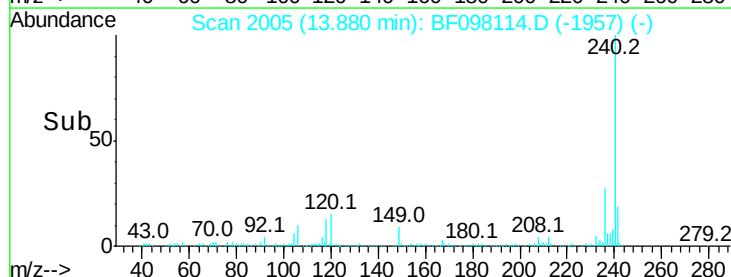
236 26.5 20.5 30.7

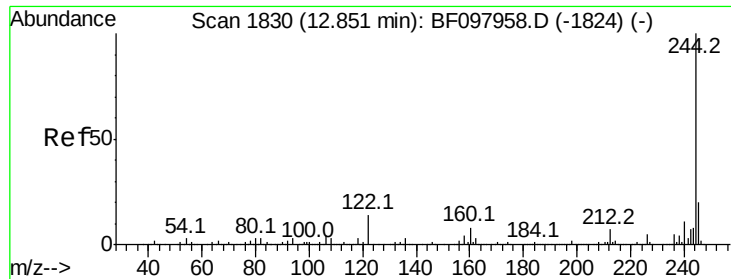


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

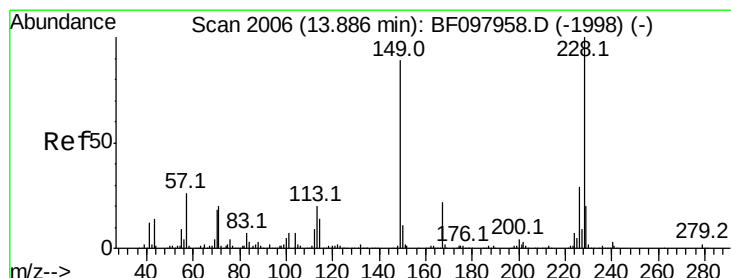
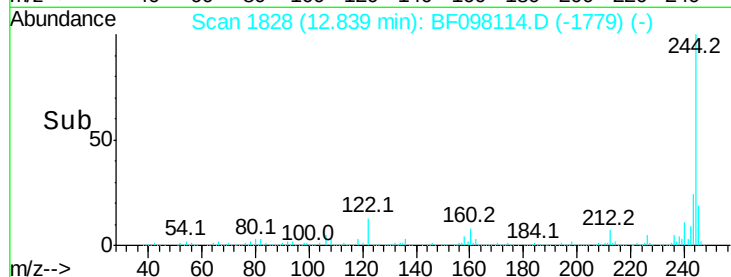
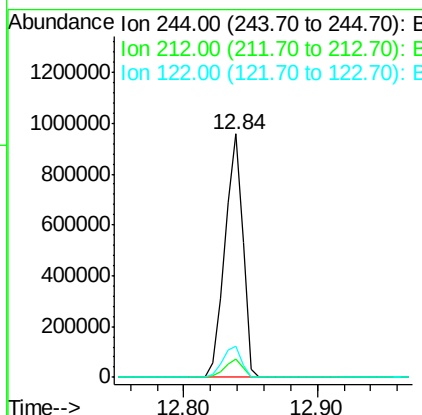
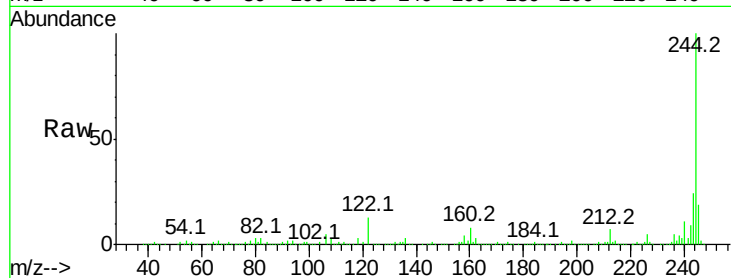




#78
 Terphenyl-d14
 Concen: 75.437 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

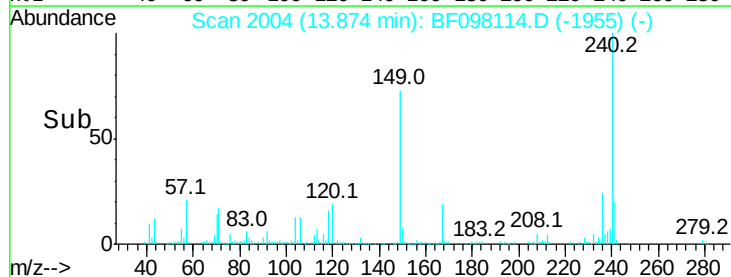
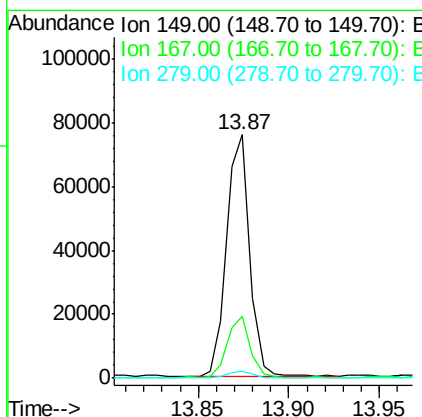
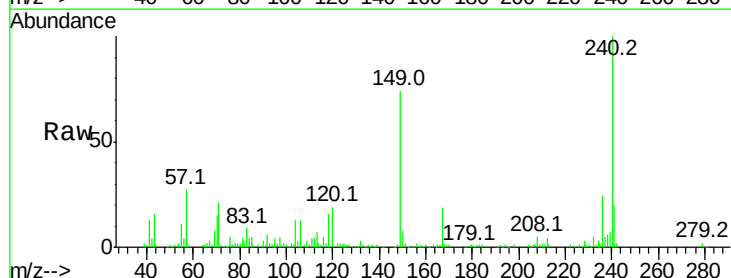
Instrument :
 BNA_F
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 FF2-COMP

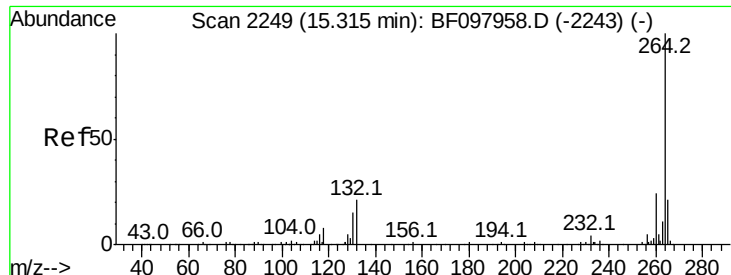
Tot Ion:244 Resp: 914651
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 13.1 10.3 15.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.583 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Tgt Ion:149 Resp: 66620
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 3.0 1.9 2.9#

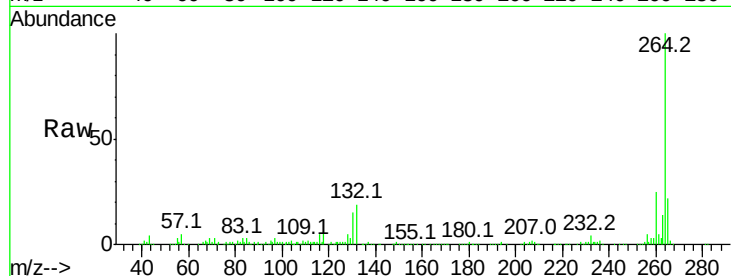




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098114.D
 Acq: 29 Aug 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :
 FF2-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.9	17.2	25.8



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

