

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093477.D
 Acq On : 9 Mar 2017 14:54
 Operator : SJ/MA
 Sample : I2158-01 20X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 15:17:34 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

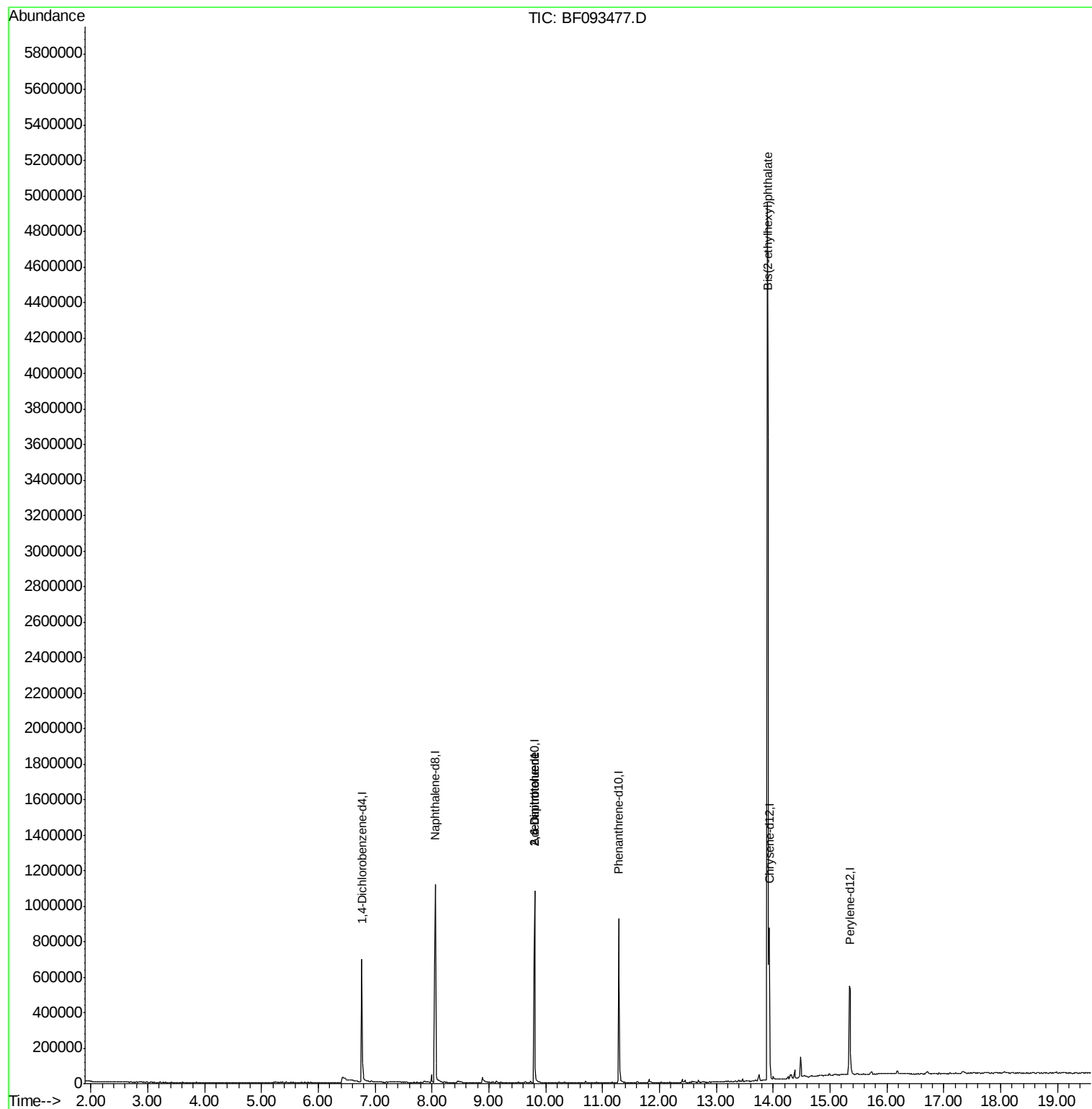
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	170255	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	653331	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	277438	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	454352	20.00	ng	0.00
75) Chrysene-d12	13.93	240	391935	20.00	ng	0.01
86) Perylene-d12	15.35	264	282934	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.57	99	256	0.02	ng	0.16
23) Nitrobenzene-d5	7.41	82	675	0.06	ng	0.07
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.13	172	3042	0.20	ng	0.00
78) Terphenyl-d14	12.87	244	2017	0.13	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.81	165	35226	8.73	ng	# 31
56) 2,4-Dinitrotoluene	9.81	165	35227	7.10	ng	# 20
83) Bis(2-ethylhexyl)phthalate	13.90	149	1861058	111.27	ng	99

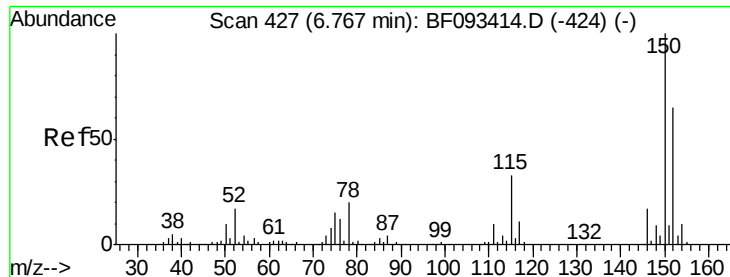
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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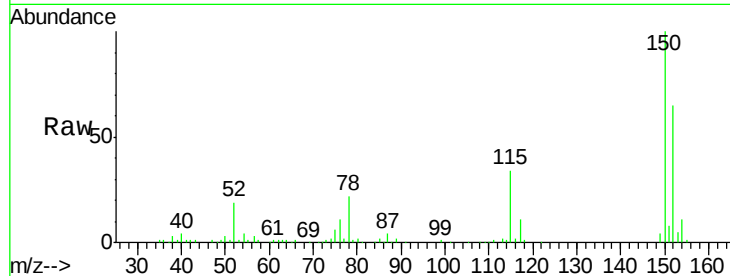


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF093477.D
Acq: 9 Mar 2017 14:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
150	152.7	124.9	187.3	
115	51.8	46.0	69.0	

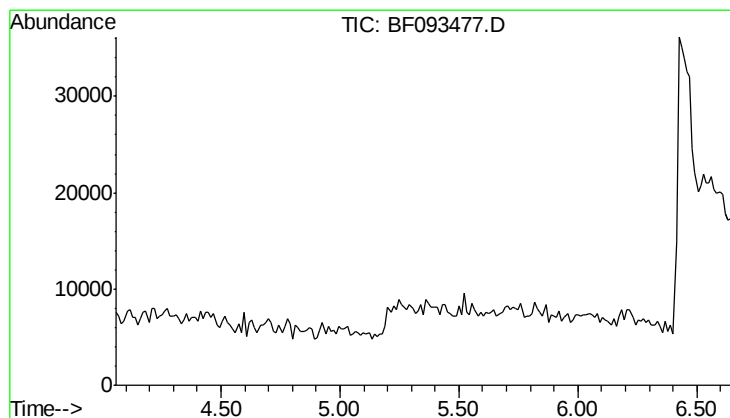
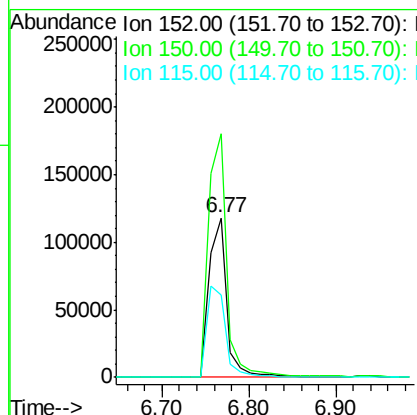
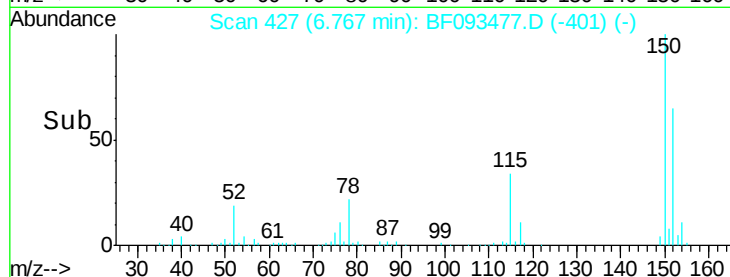


Abundance

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

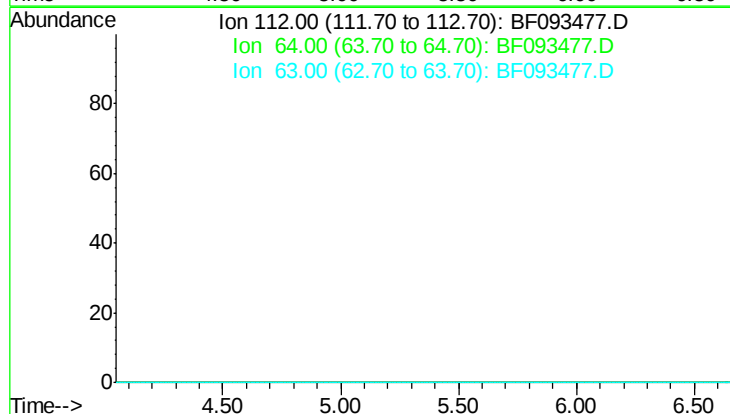


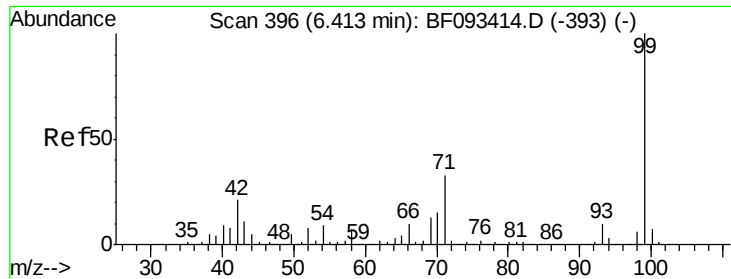
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.35 min

Lab File: BF093477.D
Acq: 9 Mar 2017 14:54

Tgt Ion	Sig	Exp Ratio
112	100	
64	57.6	
63	29.7	





#7

Phenol-d6

Concen: 0.02 ng

RT: 6.57 min Scan# 410

Delta R.T. 0.16 min

Lab File: BF093477.D

Acq: 9 Mar 2017 14:54

Instrument :

BNA_F

ClientSampleId :

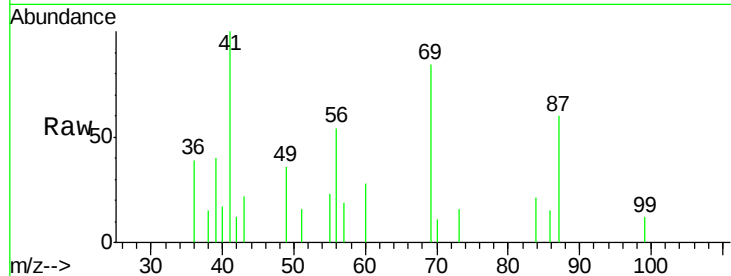
Tot Ion: 99 Resp: 256

Ion Ratio Lower Upper

99 100

42 104.3 15.6 23.4#

71 0.0 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BF0

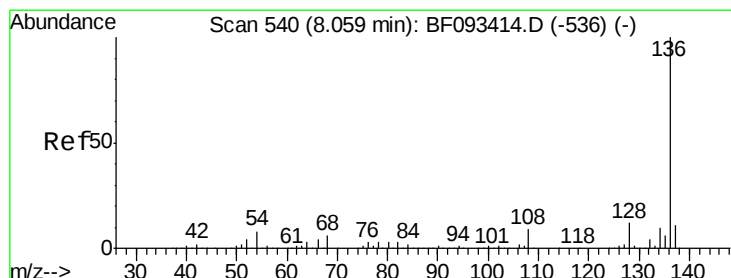
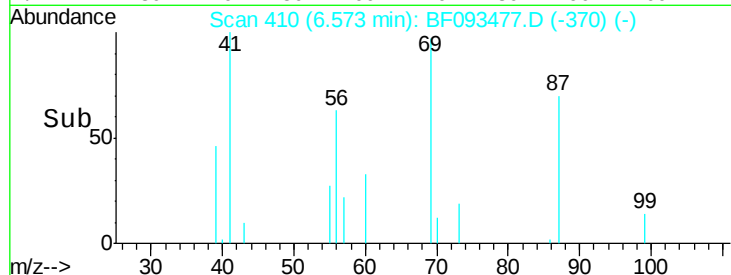
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.57

6.54 6.56 6.58

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF093477.D

Acq: 9 Mar 2017 14:54

Tgt Ion: 136 Resp: 653331

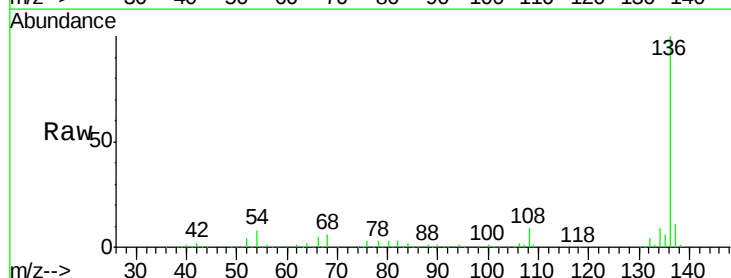
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.8 4.5 6.7#

68 5.9 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

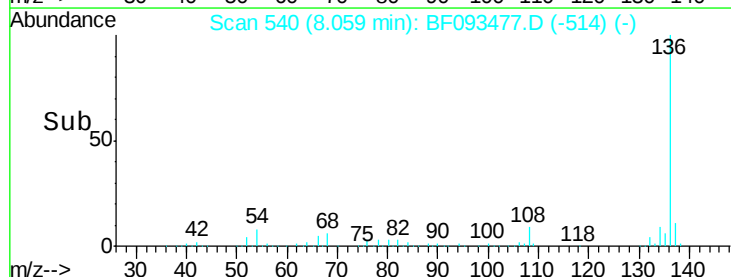
Ion 54.00 (53.70 to 54.70): BF0

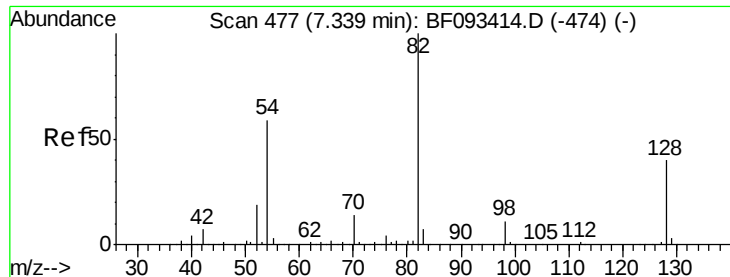
Ion 68.00 (67.70 to 68.70): BF0

8.06

8.00 8.10 8.20

Time-->

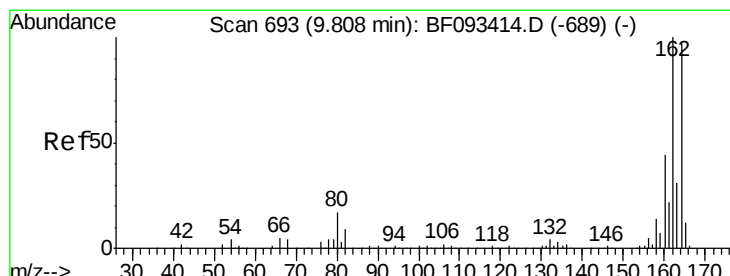
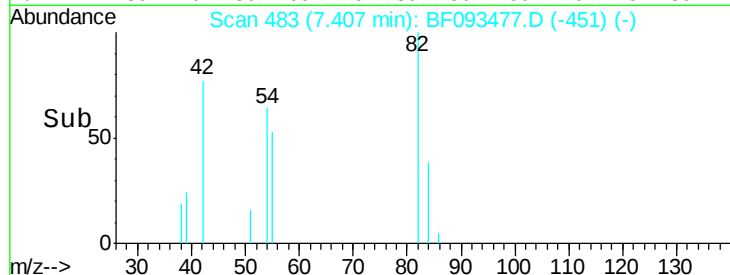
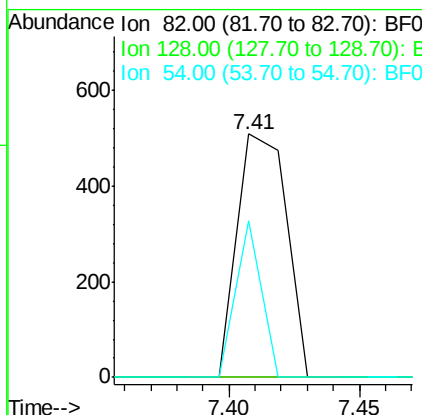
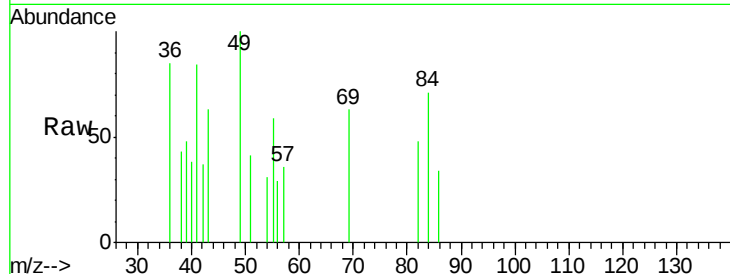




#23
 Nitrobenzene-d5
 Concen: 0.06 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.07 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

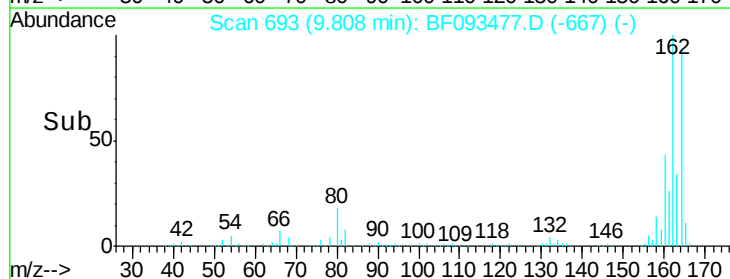
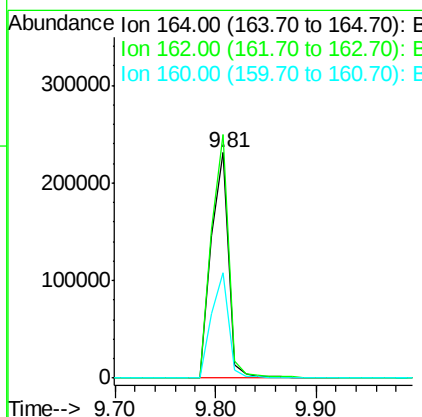
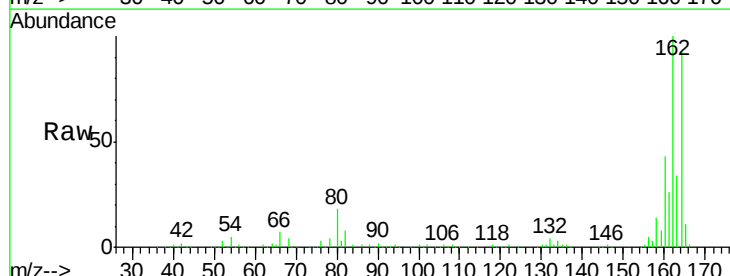
Instrument :
 BNA_F
 ClientSampleId :

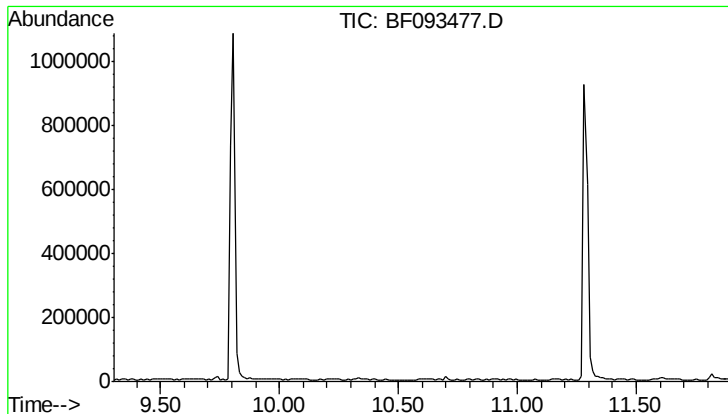
Tot Ion	Ratio	Lower	Upper
82	100		
128	0.0	34.6	52.0#
54	64.4	39.5	59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	80.2	120.2
160	46.7	36.9	55.3

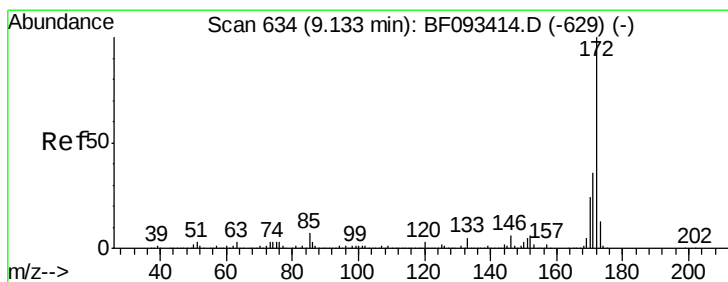
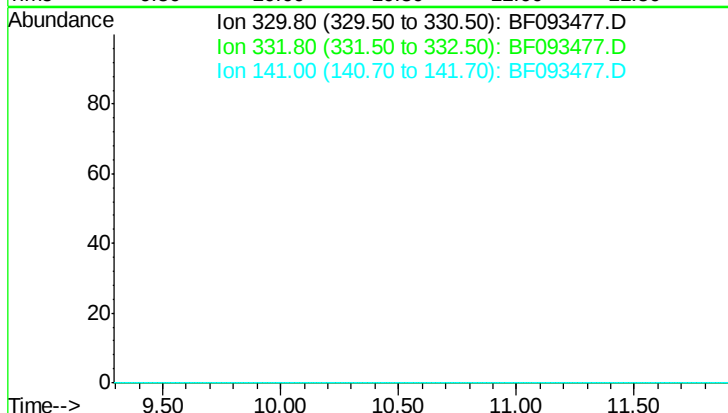




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.60 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

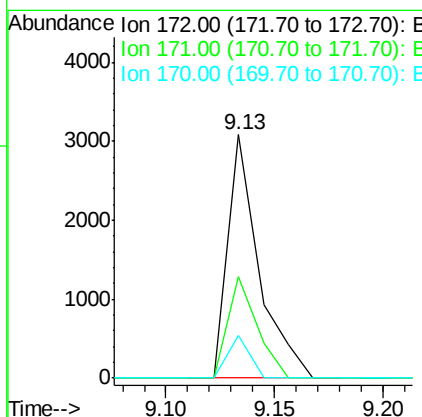
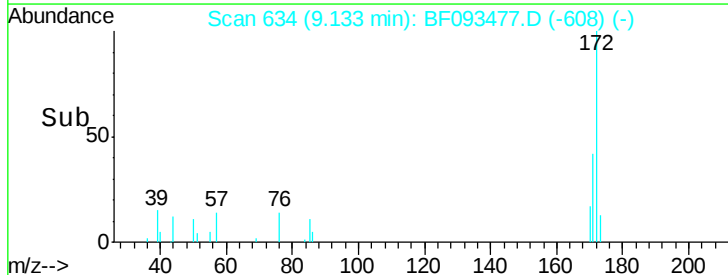
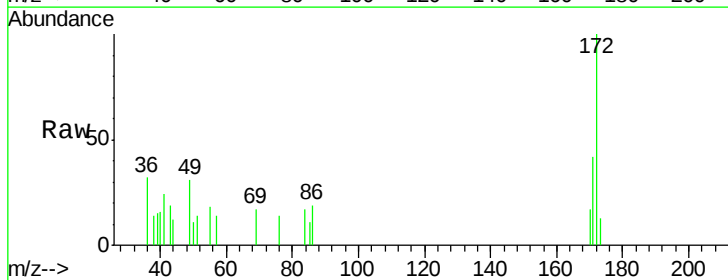
Instrument :
 BNA_F
 ClientSampleId :

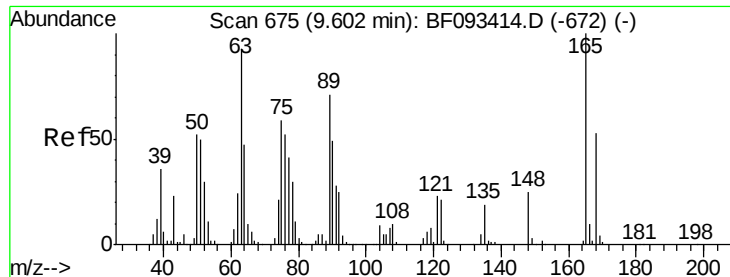
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 0.20 ng
 RT: 9.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

Tgt Ion: 172 Resp: 3042
 Ion Ratio Lower Upper
 172 100
 171 41.7 29.4 44.0
 170 17.4 20.2 30.4#

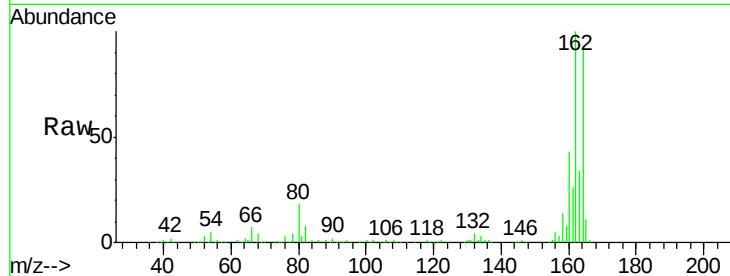




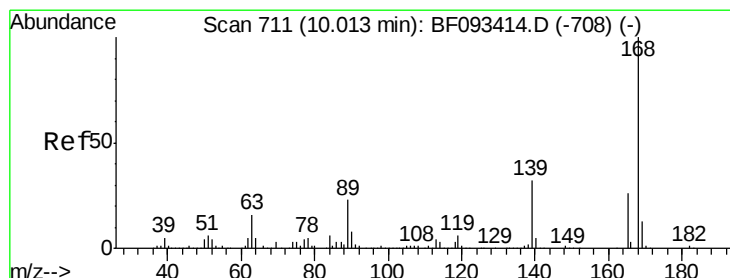
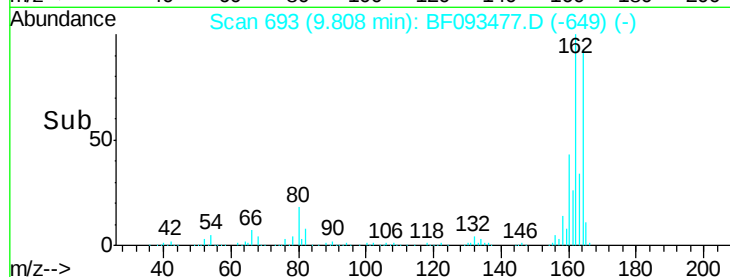
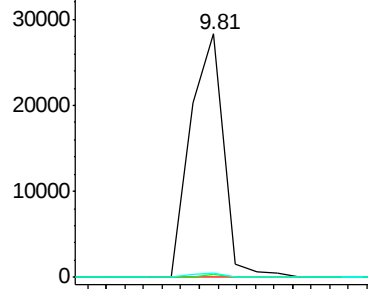
#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.81 min Scan# 693
 Delta R.T. 0.21 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 35226
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.5 40.2 60.4#

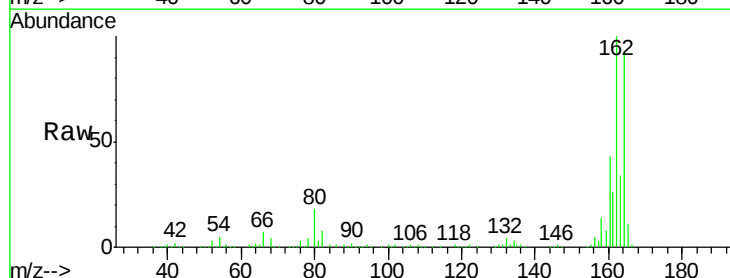


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

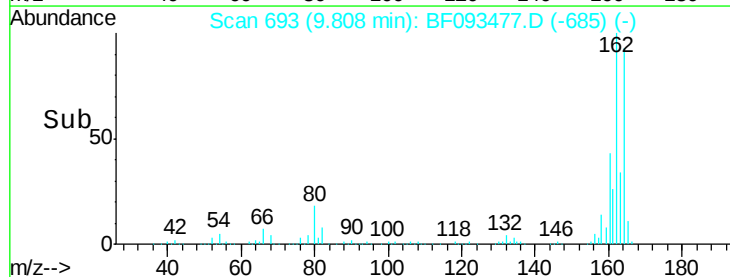
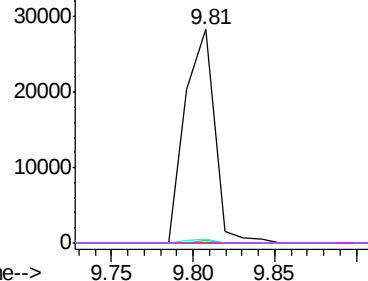


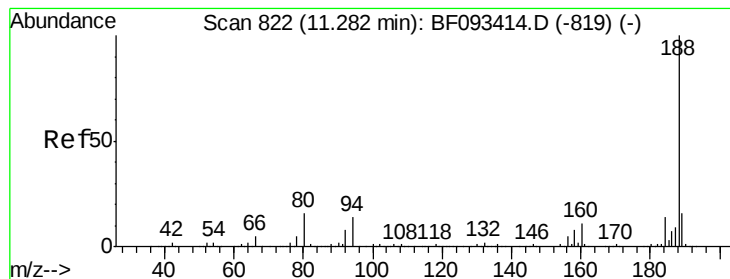
#56
 2,4-Dinitrotoluene
 Concen: 7.10 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.21 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

Tgt Ion:165 Resp: 35227
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 1.5 62.5 93.7#
 182 0.0 1.8 2.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF093477.D

Acq: 9 Mar 2017 14:54

Instrument :

BNA_F

ClientSampleId :

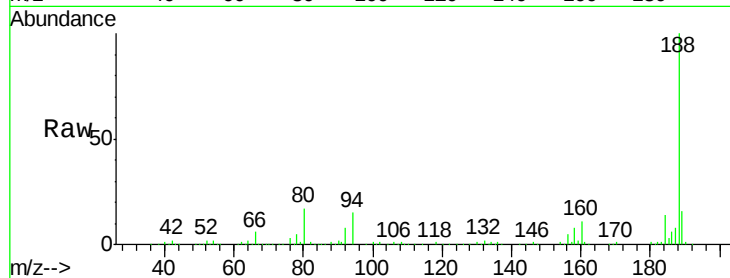
Tot Ion:188 Resp: 454352

Ion Ratio Lower Upper

188 100

94 15.2 10.0 15.0#

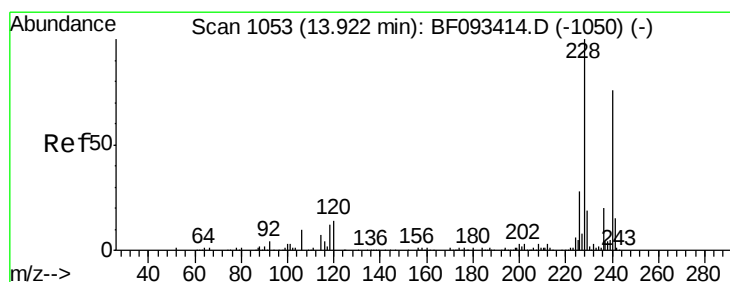
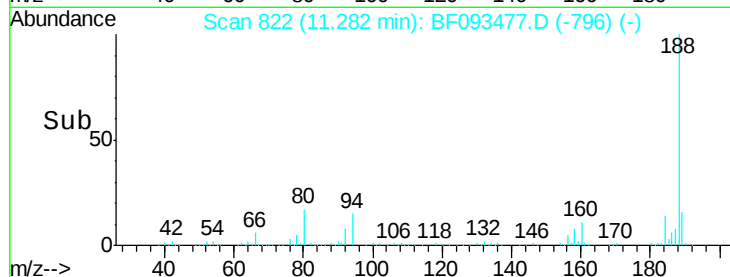
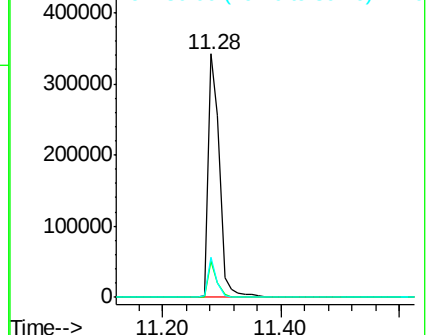
80 16.7 11.2 16.8



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: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093477.D

Acq: 9 Mar 2017 14:54

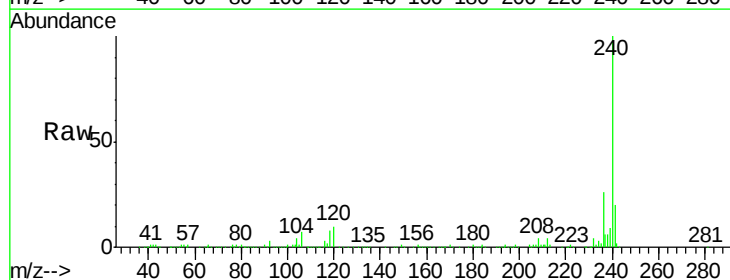
Tgt Ion:240 Resp: 391935

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

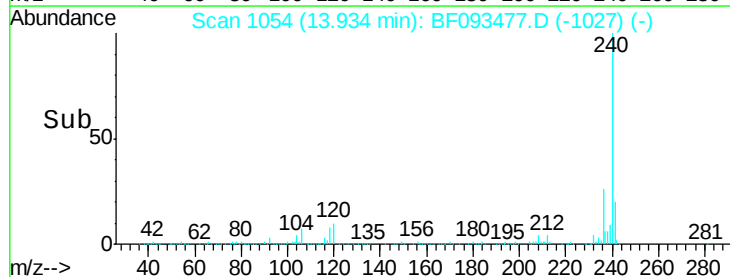
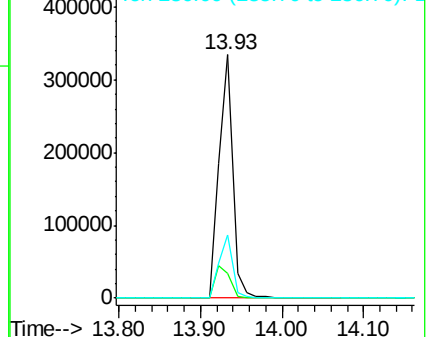
236 25.8 20.9 31.3

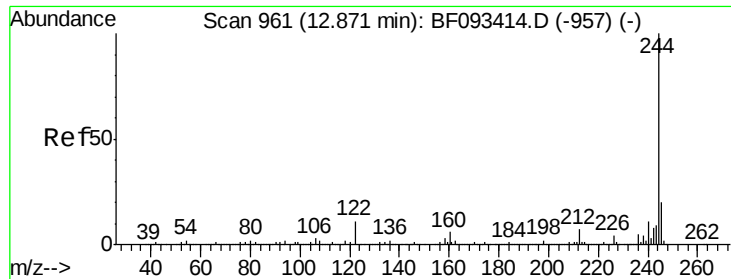


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

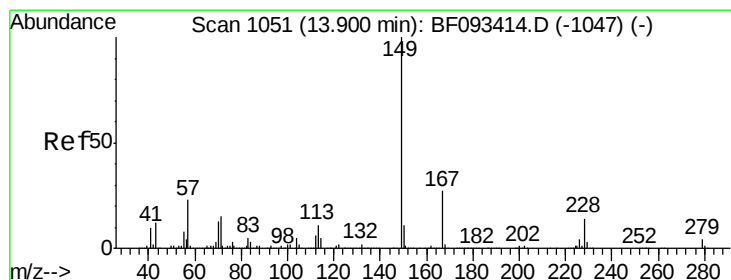
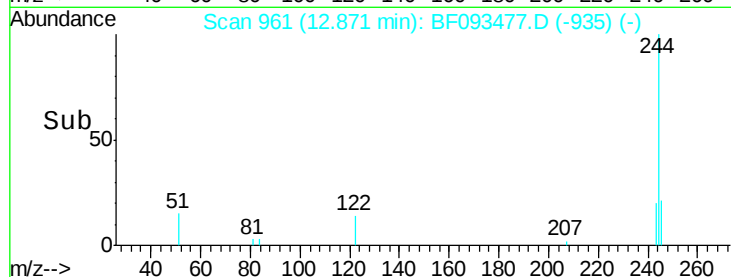
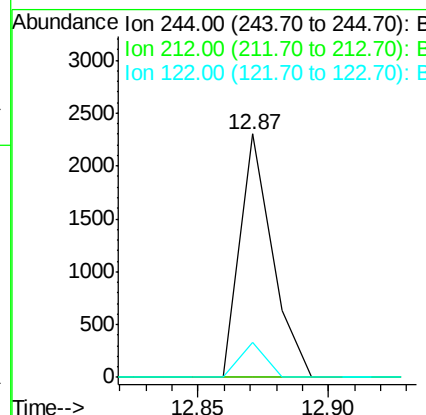
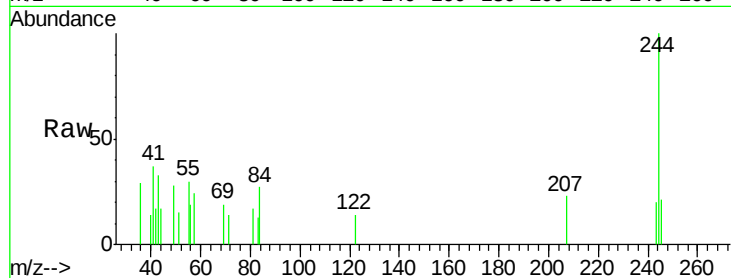




#78
 Terphenyl-d14
 Concen: 0.13 ng
 RT: 12.87 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

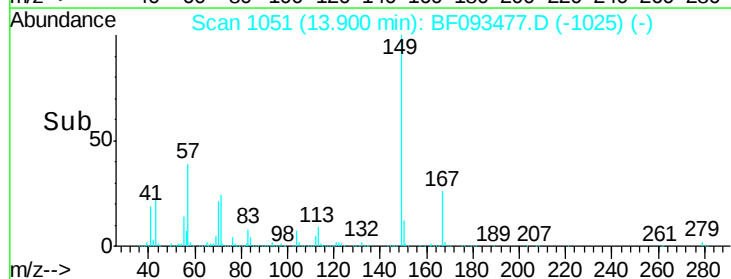
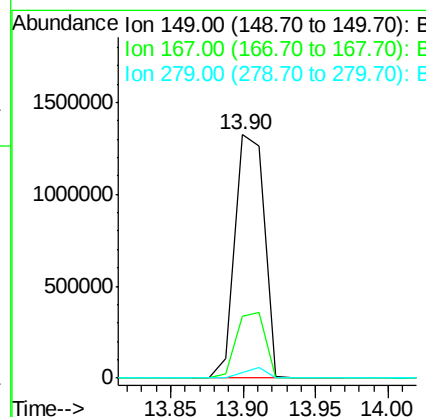
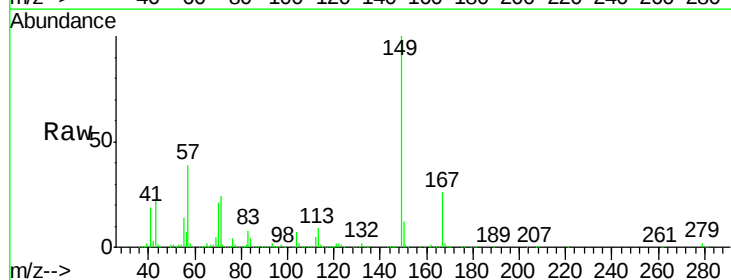
Instrument :
 BNA_F
 ClientSampleId :

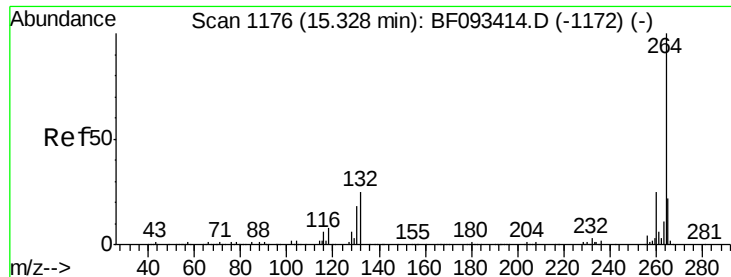
Tot Ion:244 Resp: 2017
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.2 9.2#
 122 14.4 11.4 17.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 111.27 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

Tgt Ion:149 Resp: 1861058
 Ion Ratio Lower Upper
 149 100
 167 25.6 20.2 30.4
 279 2.1 1.8 2.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093477.D
 Acq: 9 Mar 2017 14:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	17.4	26.0

