

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080916\
 Data File : BF089693.D
 Acq On : 9 Aug 2016 17:53
 Operator : UM/SJ
 Sample : H4345-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATERRE

Quant Time: Aug 09 18:35:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

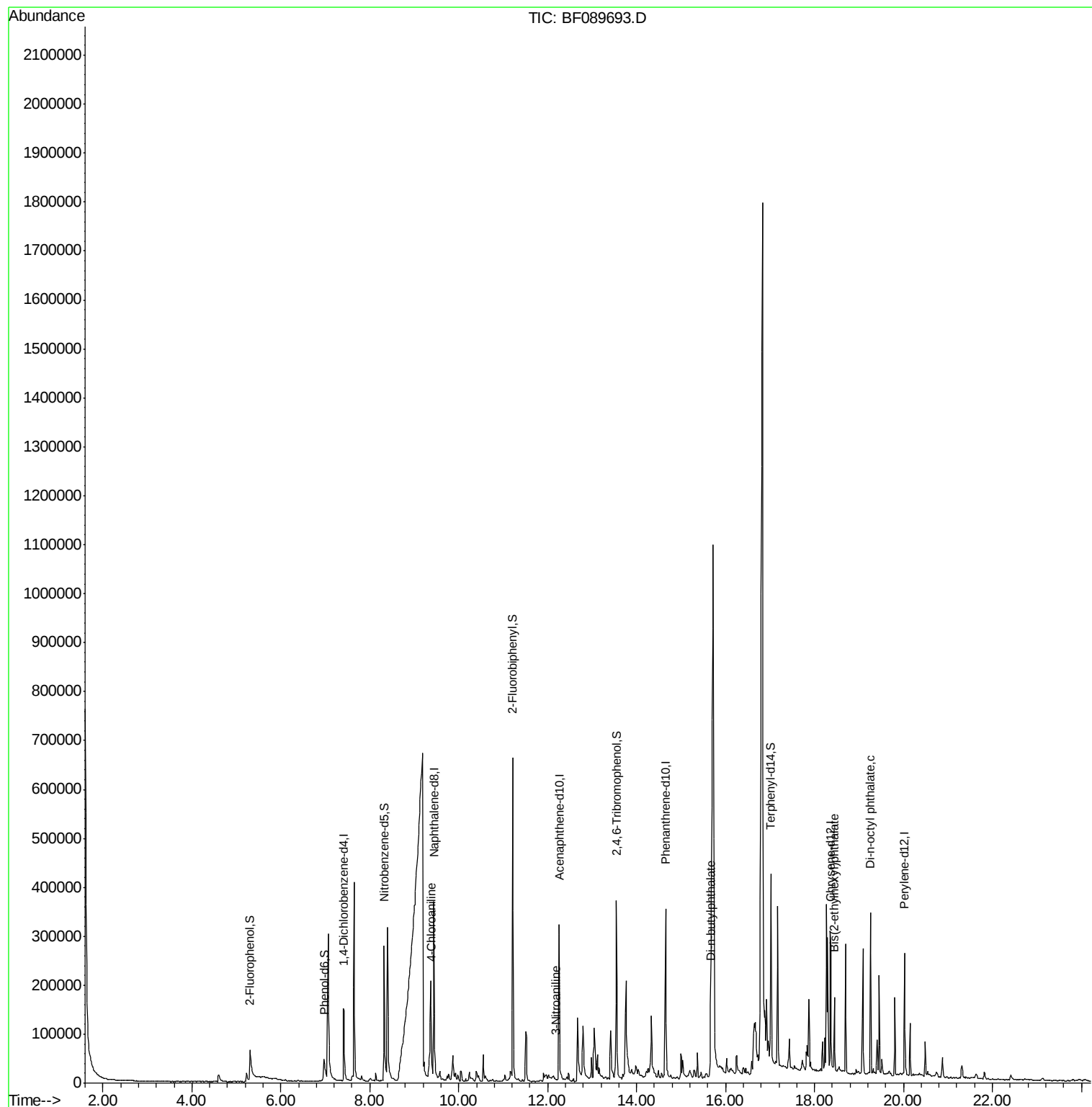
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	49226	20.00	ng	-0.03
21) Naphthalene-d8	9.44	136	218490	20.00	ng	-0.03
38) Acenaphthene-d10	12.26	164	102753	20.00	ng	-0.03
63) Phenanthrene-d10	14.65	188	194406	20.00	ng	-0.05
75) Chrysene-d12	18.37	240	155867	20.00	ng	-0.02
86) Perylene-d12	20.02	264	109054	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	66233	22.55	ng	-0.01
7) Phenol-d6	6.97	99	53203	13.35	ng	-0.01
23) Nitrobenzene-d5	8.32	82	139416	35.29	ng	-0.05
41) 2,4,6-Tribromophenol	13.54	330	49322	58.17	ng	-0.05
44) 2-Fluorobiphenyl	11.21	172	296663	37.52	ng	-0.05
78) Terphenyl-d14	17.02	244	173537	21.98	ng	-0.03
Target Compounds						
33) 4-Chloroaniline	9.38	127	12600	2.89	ng	# 63
52) 3-Nitroaniline	12.18	138	4406	2.30	ng	# 1
73) Di-n-butylphthalate	15.66	149	72469	5.67	ng	98
83) Bis(2-ethylhexyl)phthalate	18.45	149	50241	6.19	ng	98
84) Di-n-octyl phthalate	19.26	149	45300	3.88	ng	# 53

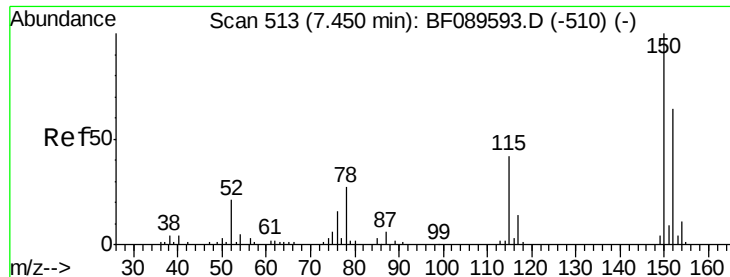
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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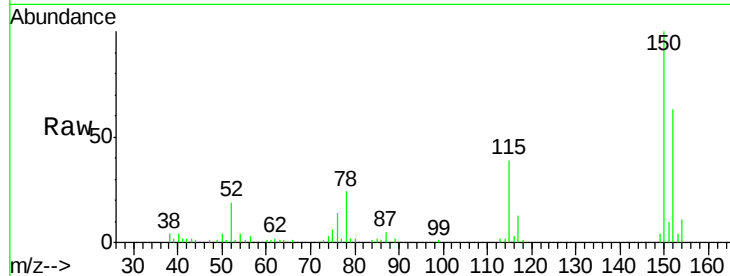




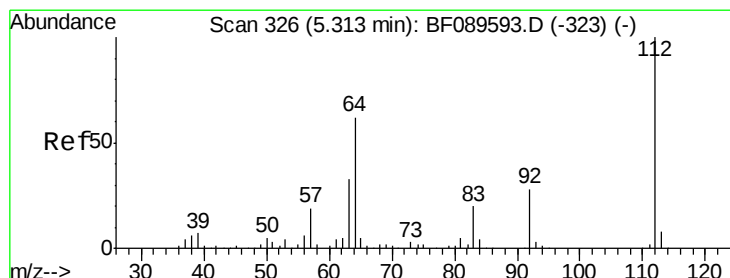
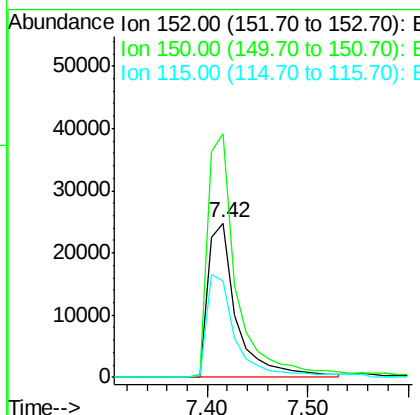
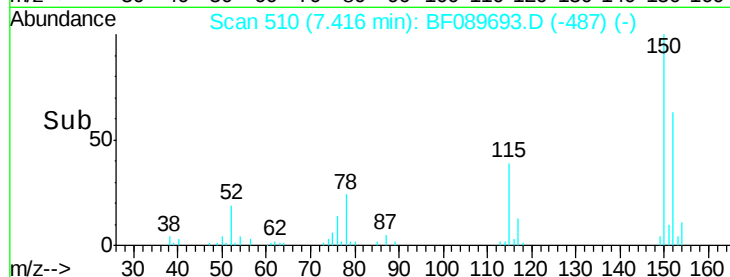
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATERRE

Tgt Ion:152 Resp: 49226
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.5 188.3
 115 62.2 52.0 78.0

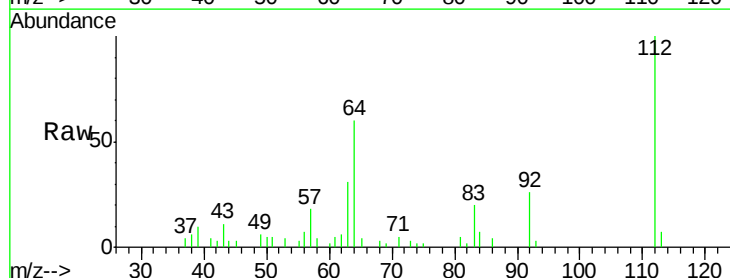


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

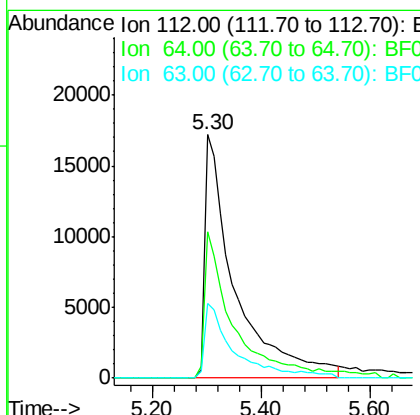
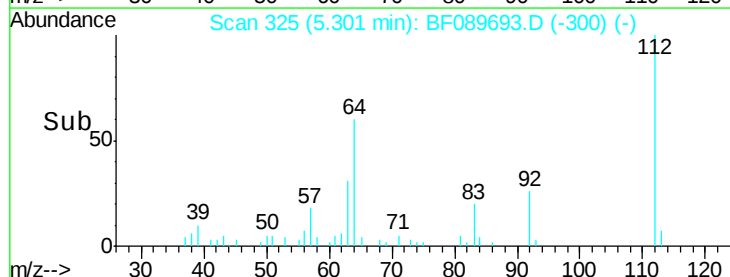


#5
 2-Fluorophenol
 Concen: 22.55 ng
 RT: 5.30 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Tgt Ion:112 Resp: 66233
 Ion Ratio Lower Upper
 112 100
 64 60.0 49.9 74.9
 63 30.5 26.1 39.1



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: 13.35 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089693.D

Acq: 9 Aug 2016 17:53

Instrument :

BNA_F

ClientSampleId :

PURGE-WATERRE

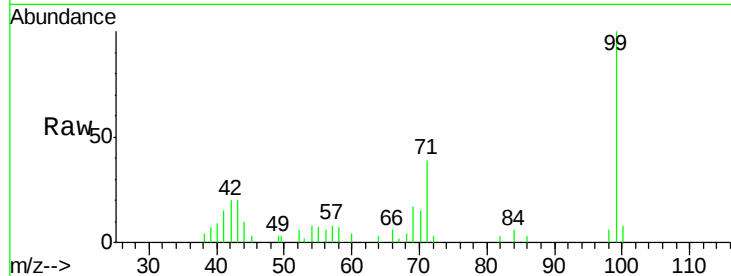
Tgt Ion: 99 Resp: 53203

Ion Ratio Lower Upper

99 100

42 20.2 13.7 20.5

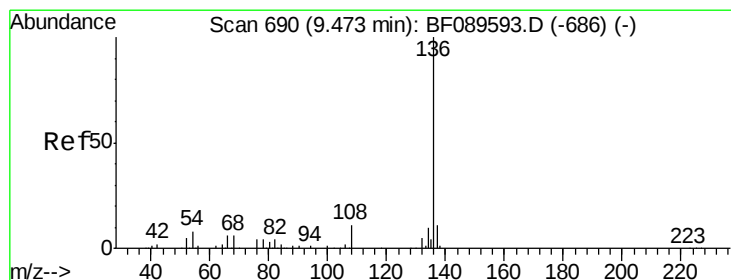
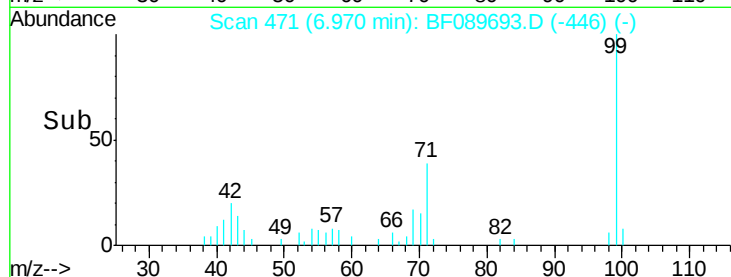
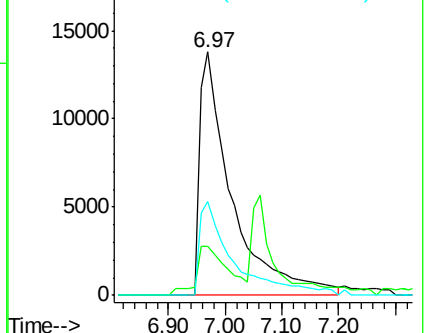
71 38.6 29.0 43.4



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: 9.44 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF089693.D

Acq: 9 Aug 2016 17:53

Tgt Ion: 136 Resp: 218490

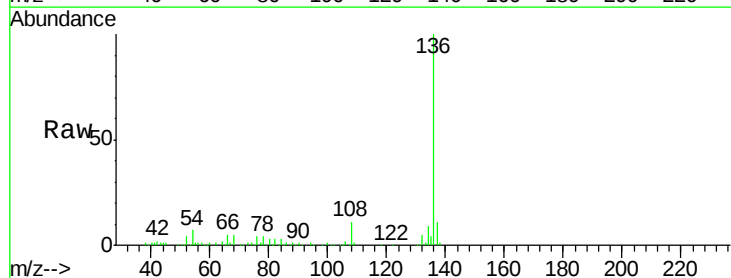
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 7.3 6.0 9.0

68 5.4 4.6 6.8

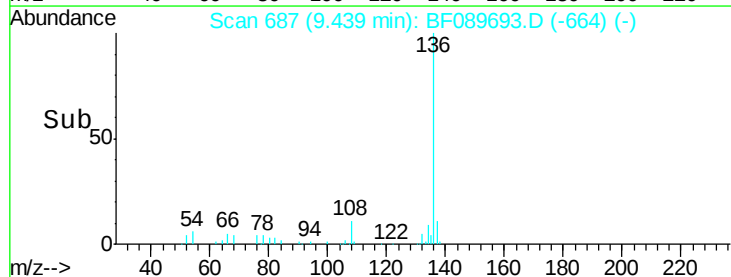
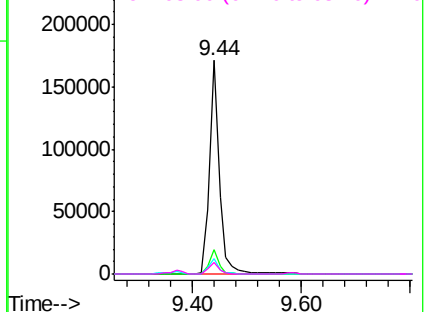


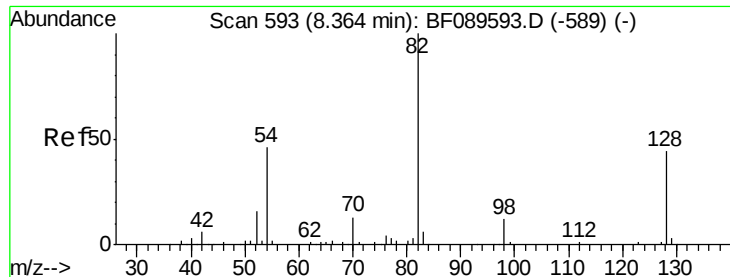
Abundance Ion 136.00 (135.70 to 136.70): E

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

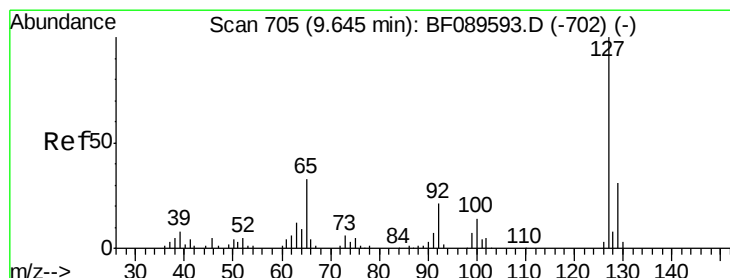
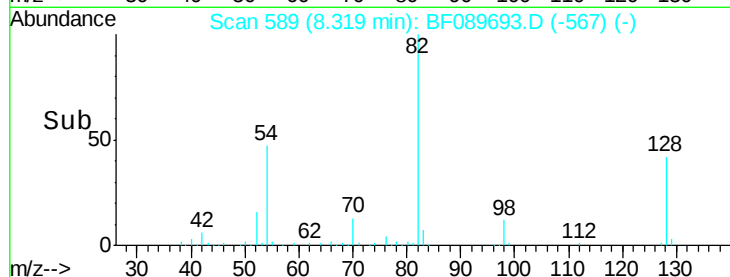
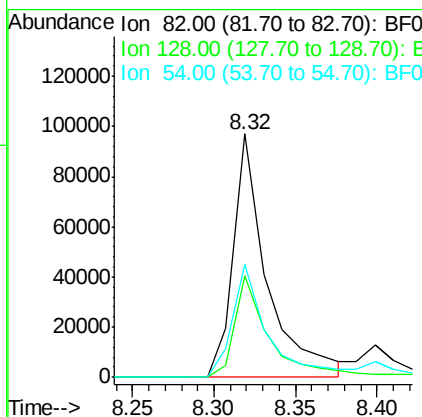
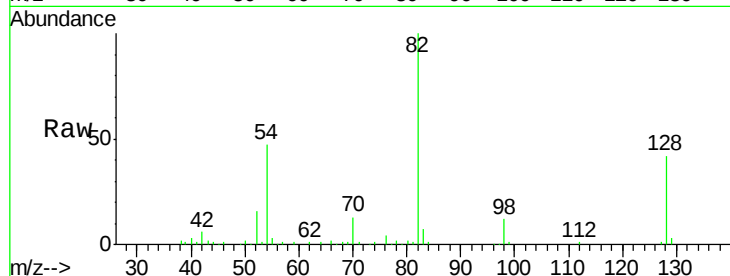




#23
 Nitrobenzene-d5
 Concen: 35.29 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.05 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

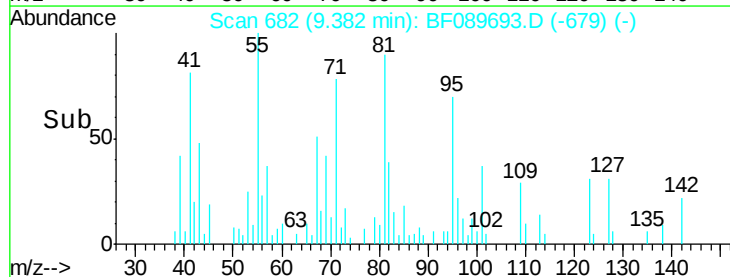
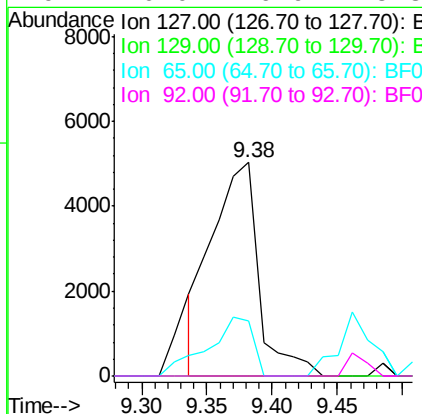
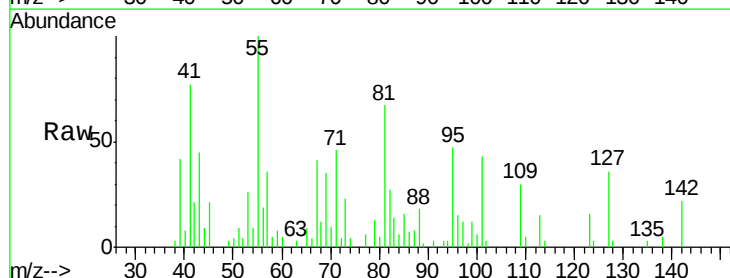
Instrument :
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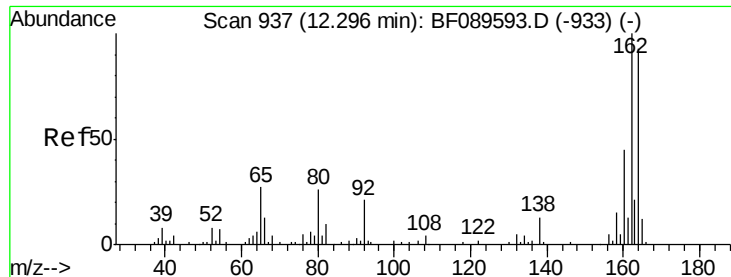
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.4	53.0
54	46.6	36.4	54.6



#33
 4-Chloroaniline
 Concen: 2.89 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.26 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Tgt Ion	Ratio	Lower	Upper
127	100		
129	0.0	25.1	37.7#
65	25.8	26.2	39.2#
92	0.0	16.9	25.3#

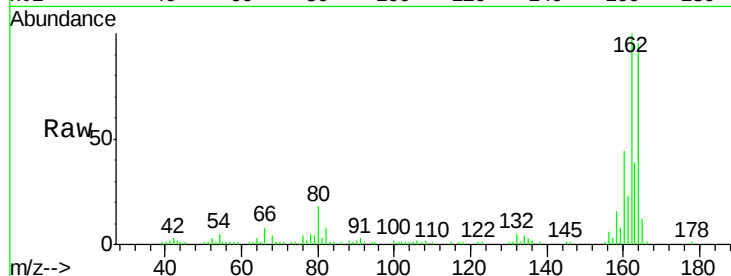




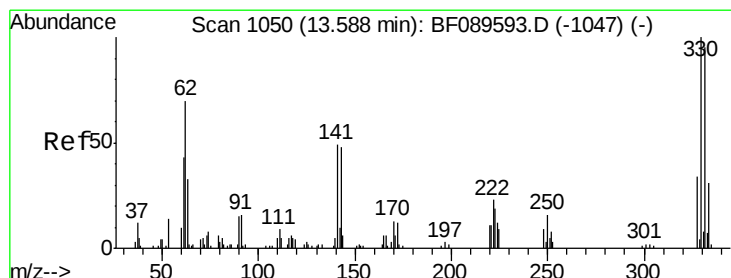
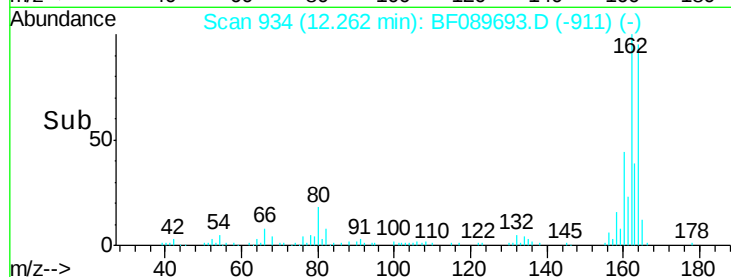
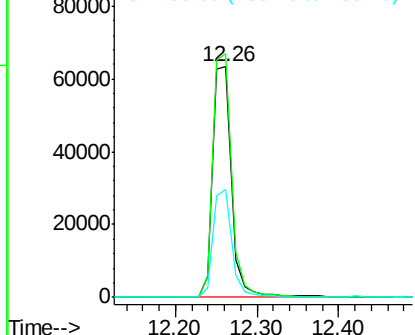
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATERRE

Tgt Ion:164 Resp: 102753
 Ion Ratio Lower Upper
 164 100
 162 105.6 85.7 128.5
 160 46.8 38.2 57.4

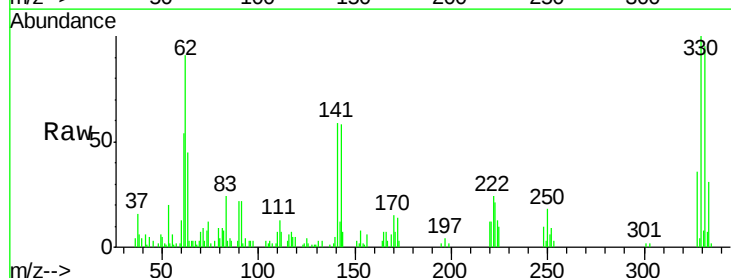


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

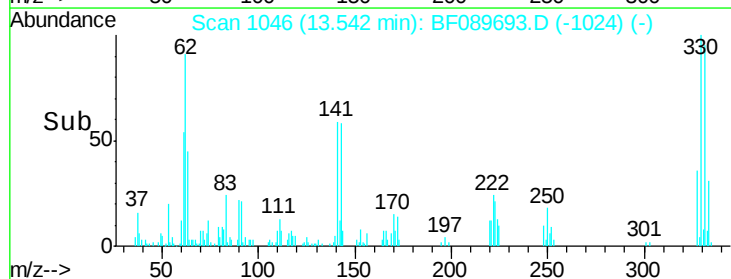
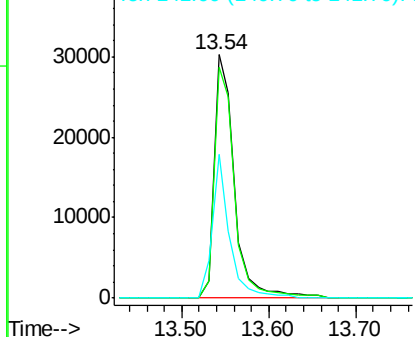


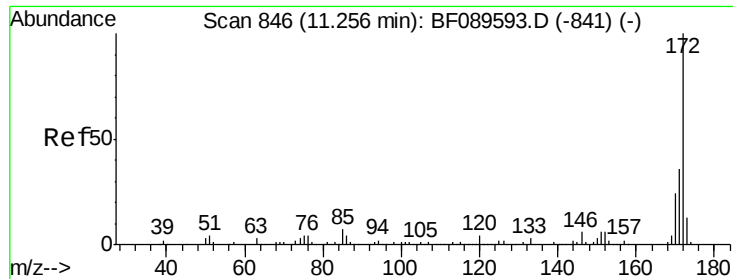
#41
 2,4,6-Tribromophenol
 Concen: 58.17 ng
 RT: 13.54 min Scan# 1046
 Delta R.T. -0.05 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Tgt Ion:330 Resp: 49322
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 50.1 38.6 57.8



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

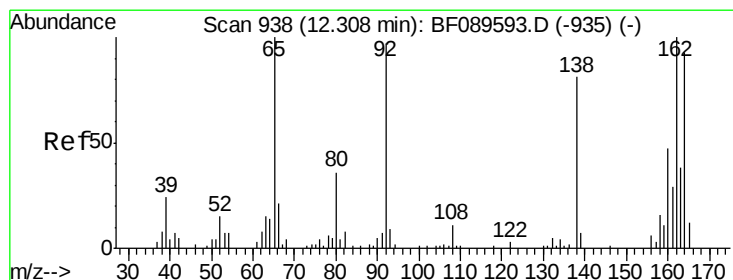
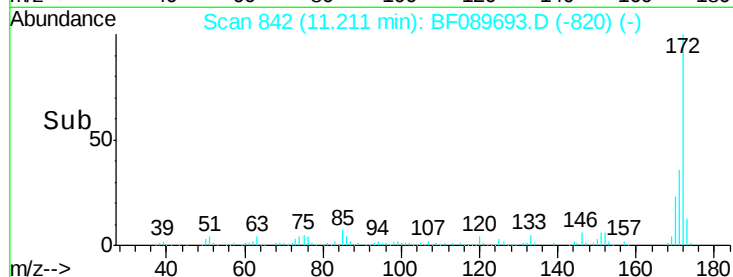
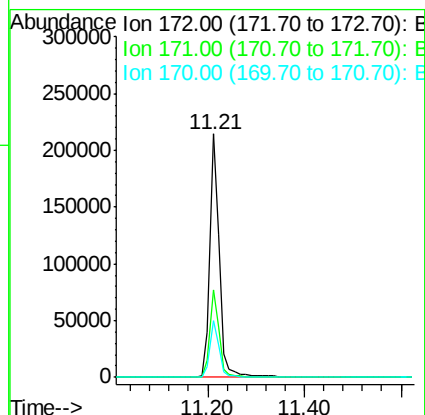
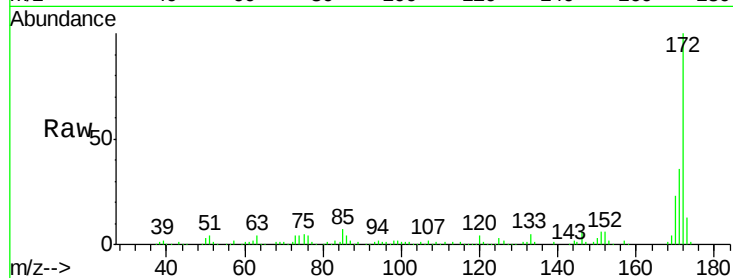




#44
 2-Fluorobiphenyl
 Concen: 37.52 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.05 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

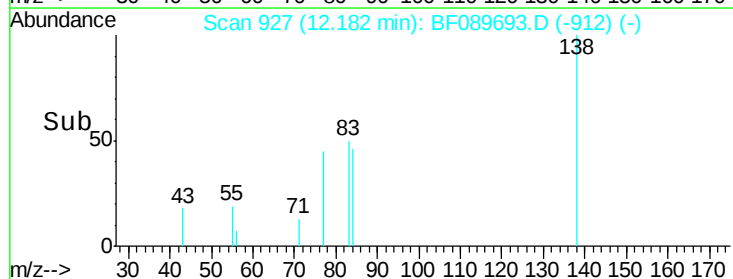
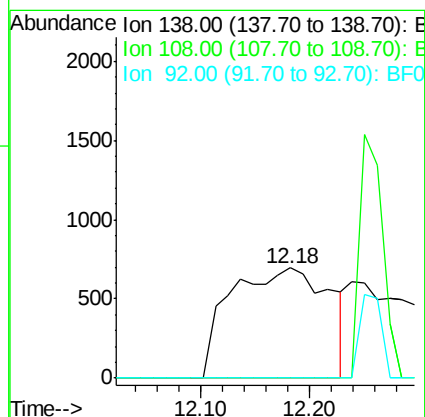
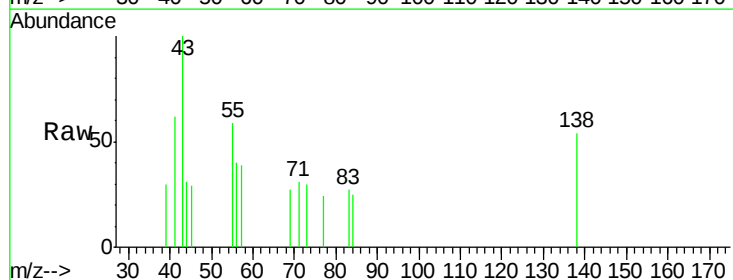
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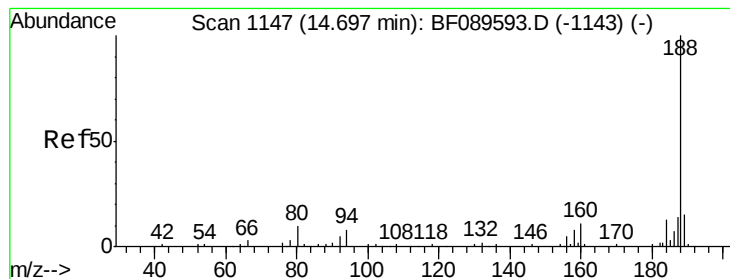
Tgt Ion:172 Resp: 296663
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.4 19.0 28.6



#52
 3-Nitroaniline
 Concen: 2.30 ng
 RT: 12.18 min Scan# 927
 Delta R.T. -0.13 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Tgt Ion:138 Resp: 4406
 Ion Ratio Lower Upper
 138 100
 108 0.0 10.7 16.1#
 92 0.0 96.6 145.0#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1143

Delta R.T. -0.05 min

Lab File: BF089693.D

Acq: 9 Aug 2016 17:53

Instrument :

BNA_F

ClientSampleId :

PURGE-WATERRE

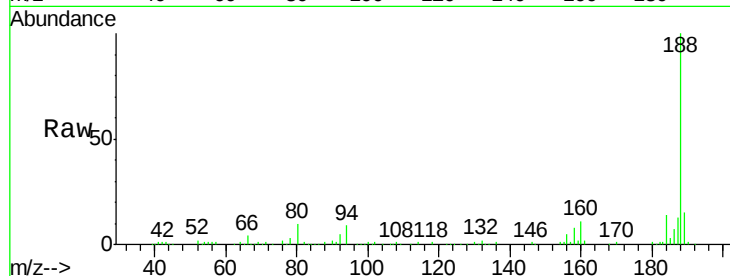
Tgt Ion:188 Resp: 194406

Ion Ratio Lower Upper

188 100

94 9.4 6.5 9.7

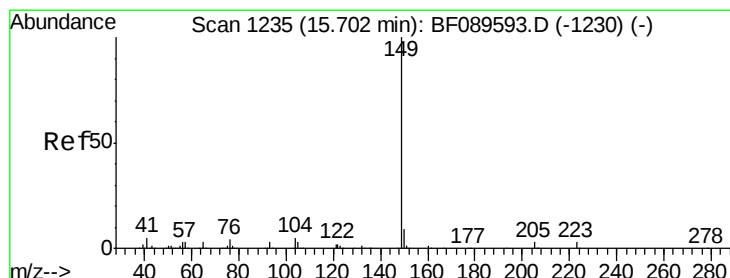
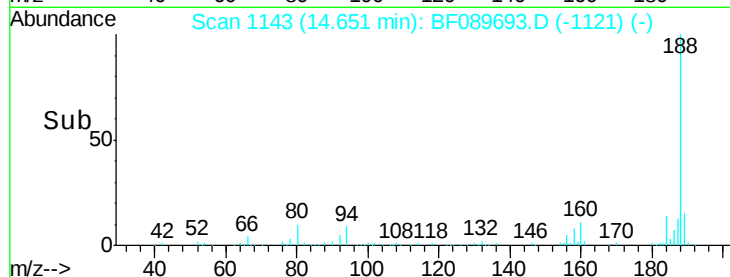
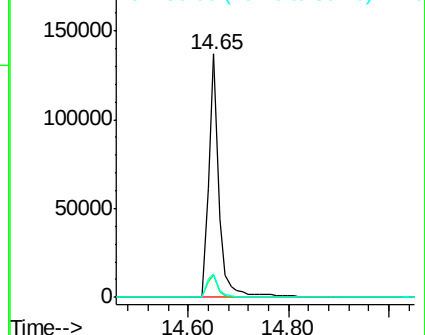
80 9.8 8.0 12.0



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



#73

Di-n-butylphthalate

Concen: 5.67 ng

RT: 15.66 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF089693.D

Acq: 9 Aug 2016 17:53

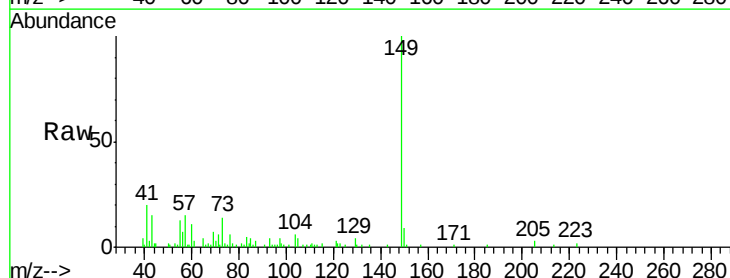
Tgt Ion:149 Resp: 72469

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

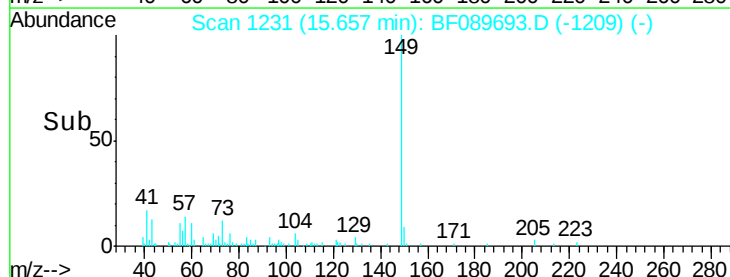
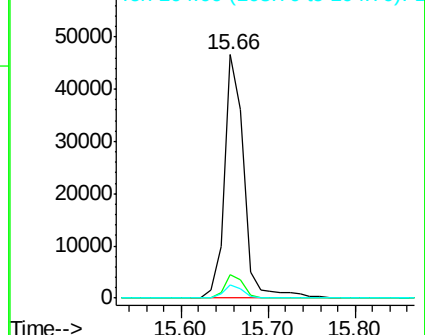
104 5.5 3.8 5.8

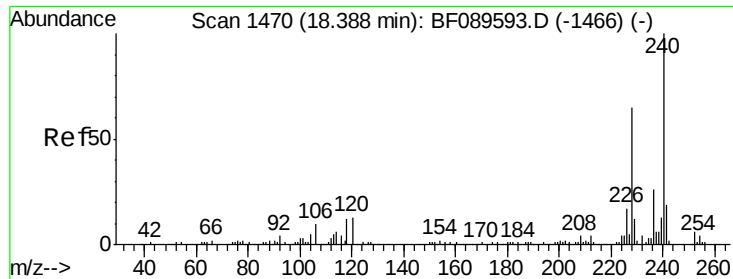


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

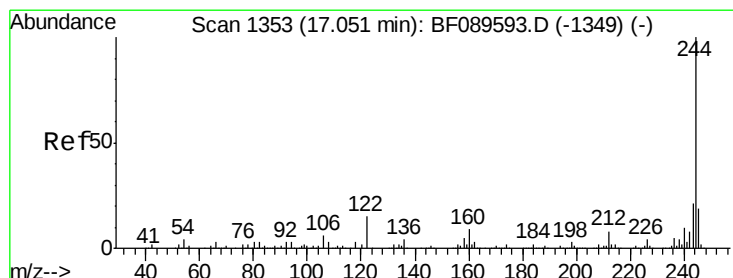
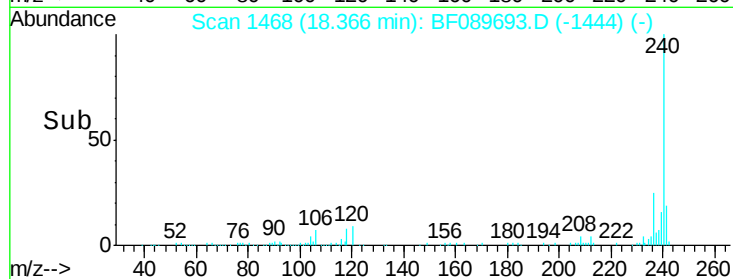
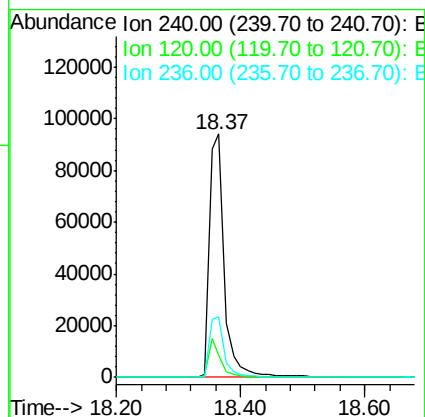
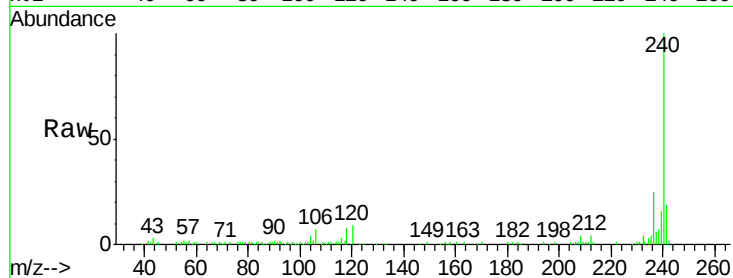




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

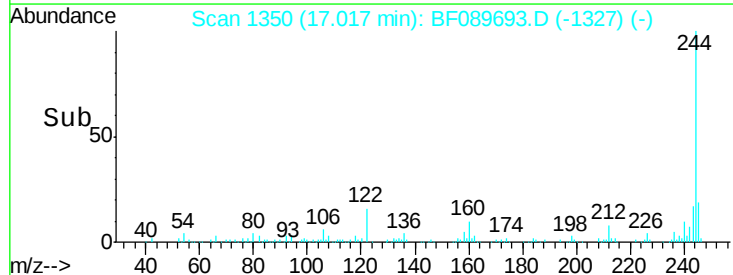
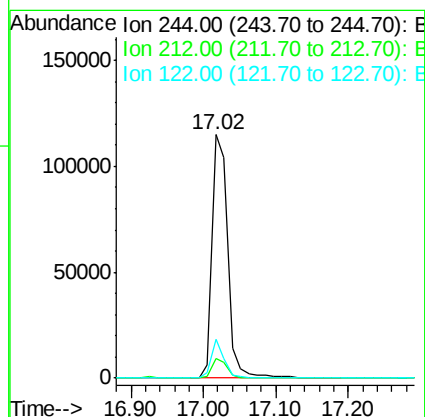
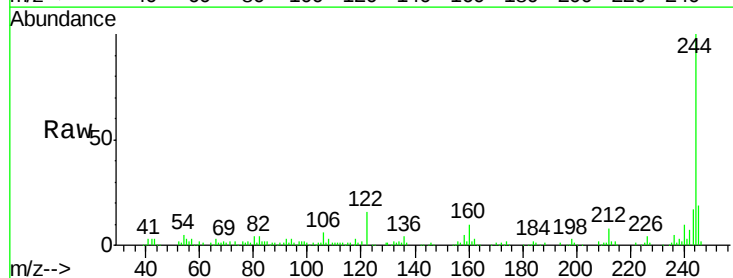
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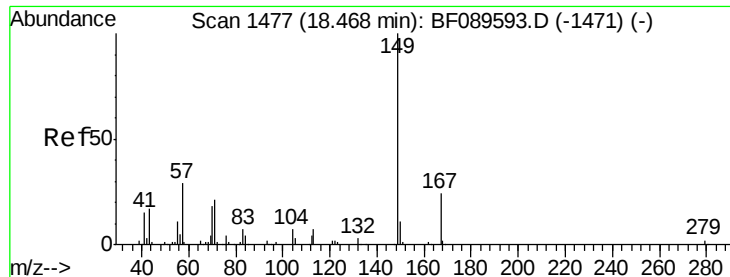
Tgt Ion:240 Resp: 155867
 Ion Ratio Lower Upper
 240 100
 120 9.2 10.6 15.8#
 236 24.7 20.6 30.8



#78
 Terphenyl-d14
 Concen: 21.98 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Tgt Ion:244 Resp: 173537
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 16.0 12.2 18.2

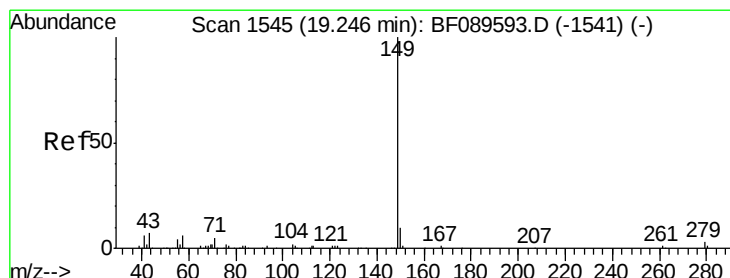
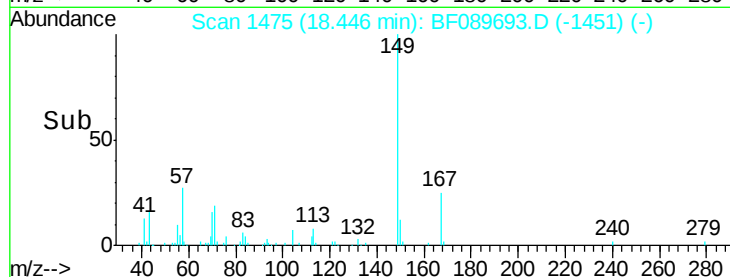
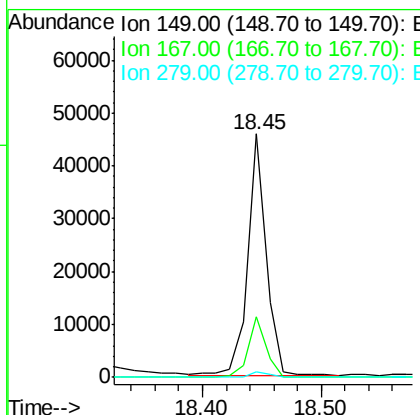
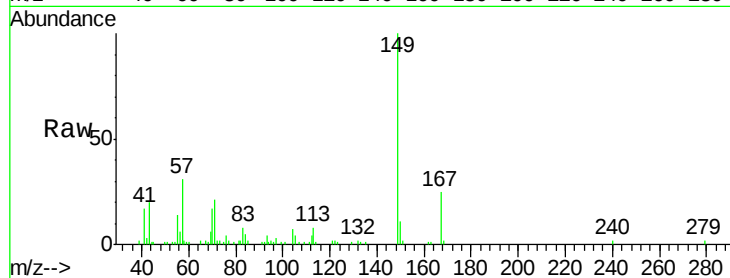




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.19 ng
 RT: 18.45 min Scan# 1475
 Delta R.T. -0.02 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

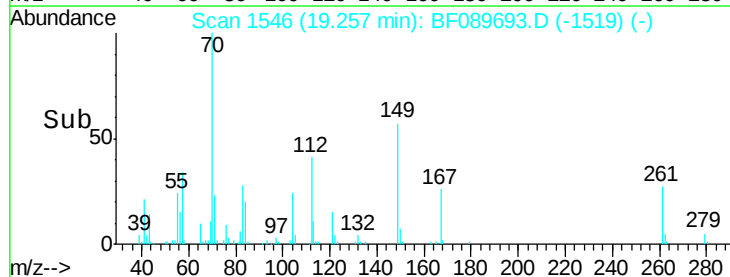
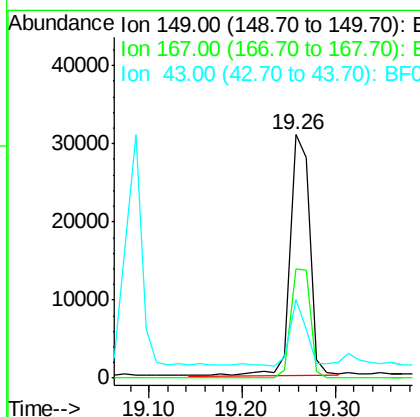
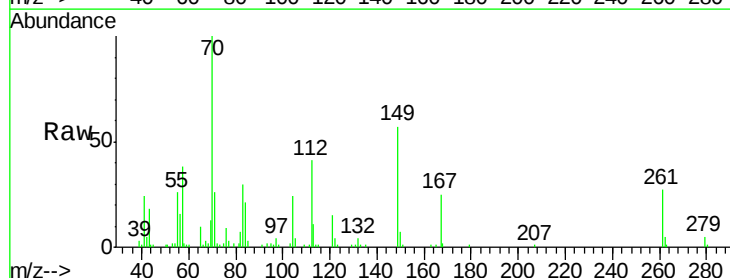
Instrument :
 BNA_F
 ClientSampleId :
 PURGE-WATERRE

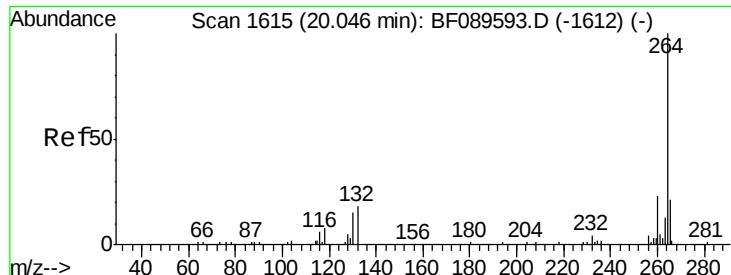
Tgt Ion:149 Resp: 50241
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.0 28.4
 279 2.4 1.8 2.6



#84
 Di-n-octyl phthalate
 Concen: 3.88 ng
 RT: 19.26 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BF089693.D
 Acq: 9 Aug 2016 17:53

Tgt Ion:149 Resp: 45300
 Ion Ratio Lower Upper
 149 100
 167 45.1 1.1 1.7#
 43 21.9 7.0 10.4#

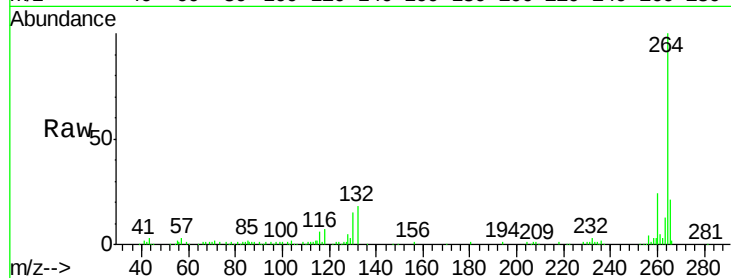




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089693.D
Acq: 9 Aug 2016 17:53

Instrument :
BNA_F
ClientSampleId :
PURGE-WATERRE

Tgt Ion: 264 Resp: 109054
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.0 16.5 24.7



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

