

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089627.D
 Acq On : 5 Aug 2016 13:14
 Operator : UM/SJ
 Sample : H4287-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-58-9.6-19.0

Quant Time: Aug 05 23:02:58 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

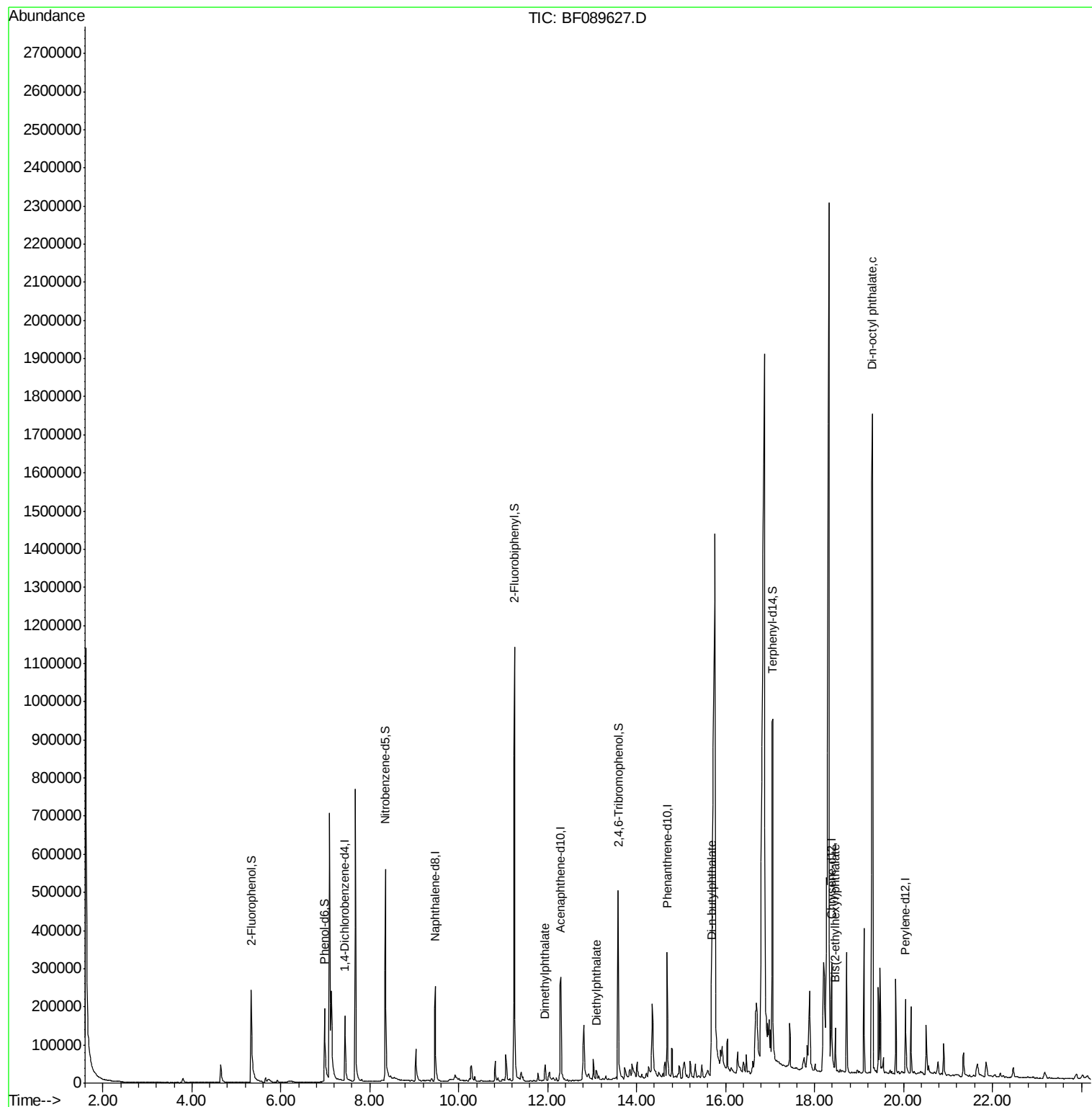
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	46737	20.00	ng	-0.01
21) Naphthalene-d8	9.47	136	198778	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	91873	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	171459	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	115182	20.00	ng	0.00
86) Perylene-d12	20.05	264	90586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	175294	62.86	ng	0.02
7) Phenol-d6	6.98	99	133296	35.24	ng	0.00
23) Nitrobenzene-d5	8.35	82	309578	86.14	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	93600	123.45	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	580915	82.18	ng	0.00
78) Terphenyl-d14	17.06	244	467538	80.13	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.94	163	27518	3.82	ng	98
59) Diethylphthalate	13.09	149	15260	2.05	ng	96
73) Di-n-butylphthalate	15.68	149	47206	4.19	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	42861	7.14	ng	98
84) Di-n-octyl phthalate	19.30	149	275838	31.95	ng	# 52

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

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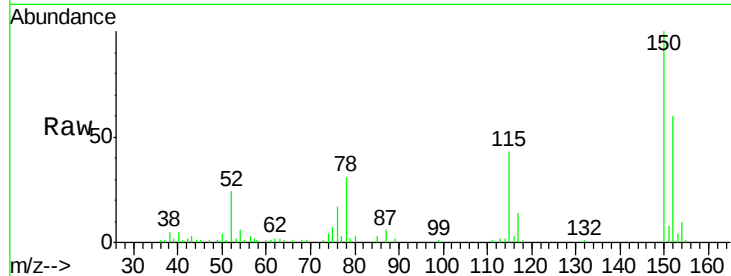


#1

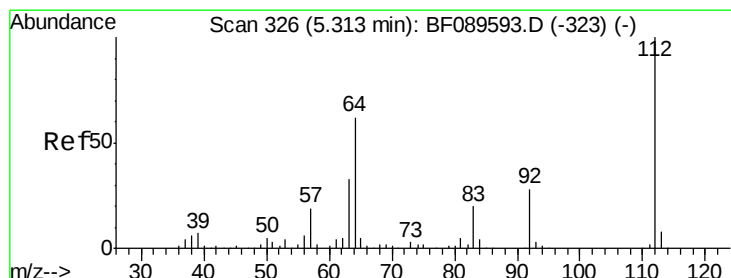
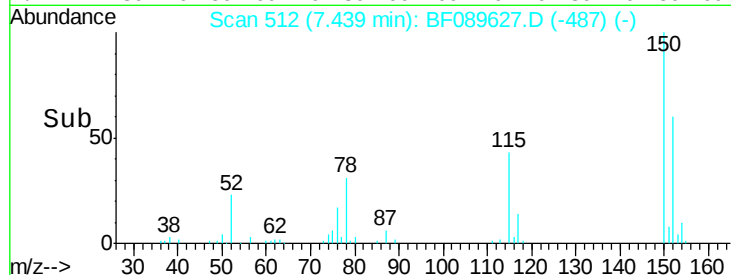
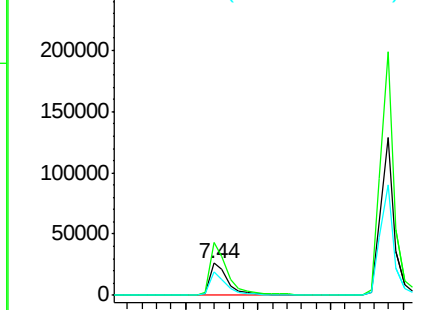
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.44 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF089627.D
Acq: 5 Aug 2016 13:14

Instrument :
BNA_F
ClientSampleId :
GW-58-9.6-19.0

Tgt Ion:152 Resp: 46737
Ion Ratio Lower Upper
152 100
150 166.6 125.5 188.3
115 72.4 52.0 78.0



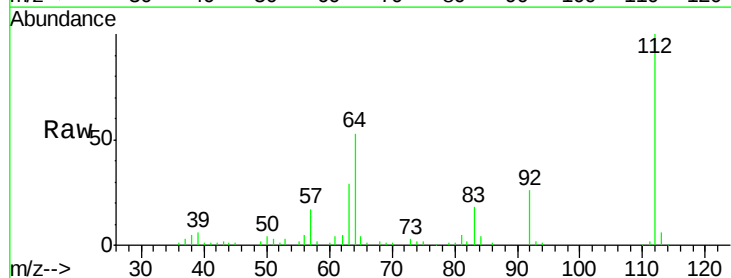
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



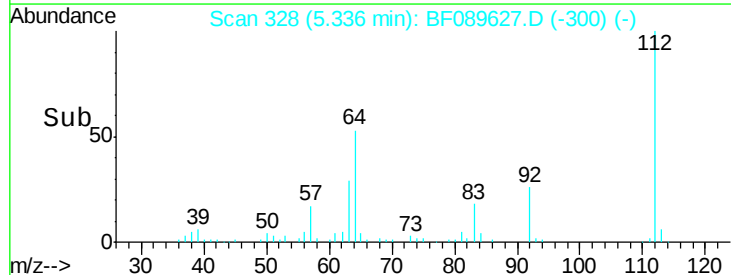
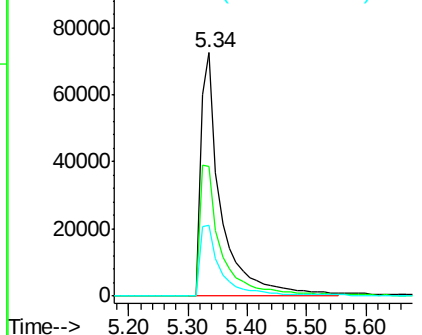
#5

2-Fluorophenol
Concen: 62.86 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089627.D
Acq: 5 Aug 2016 13:14

Tgt Ion:112 Resp: 175294
Ion Ratio Lower Upper
112 100
64 53.3 49.9 74.9
63 29.1 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: 35.24 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089627.D

Acq: 5 Aug 2016 13:14

Instrument :

BNA_F

ClientSampleId :

GW-58-9.6-19.0

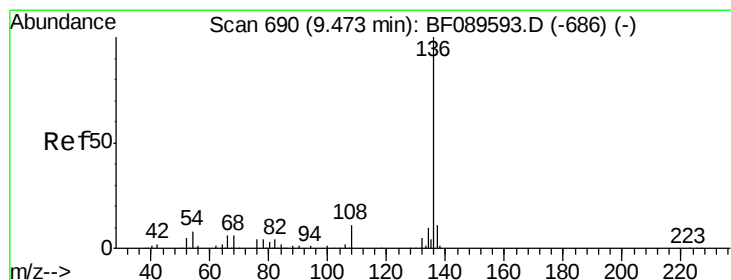
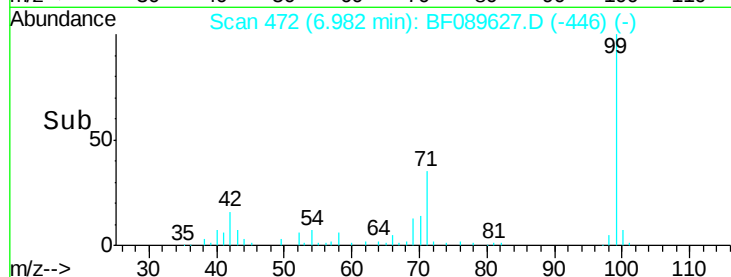
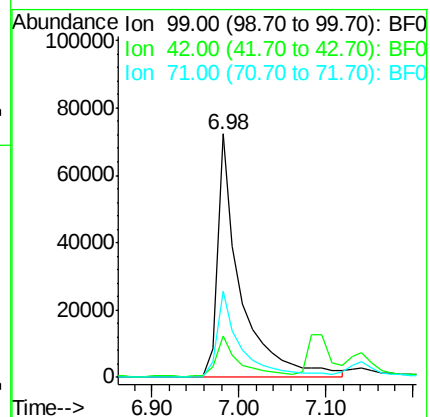
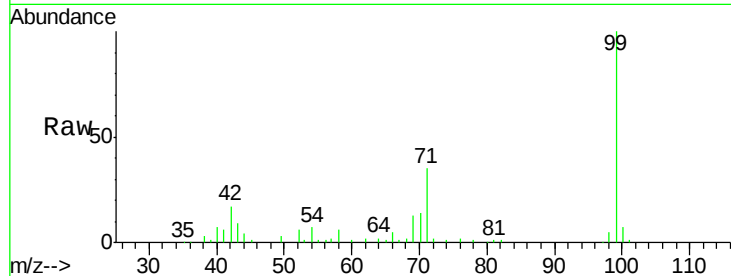
Tgt Ion: 99 Resp: 133296

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

71 35.4 29.0 43.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089627.D

Acq: 5 Aug 2016 13:14

Tgt Ion: 136 Resp: 198778

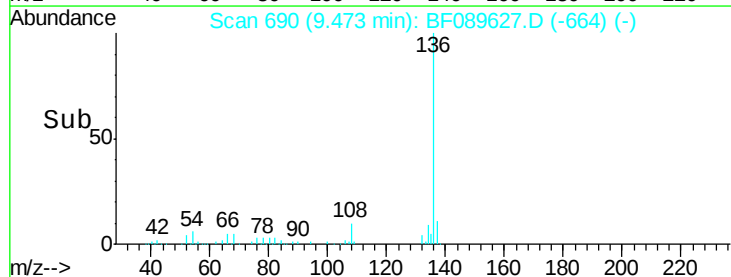
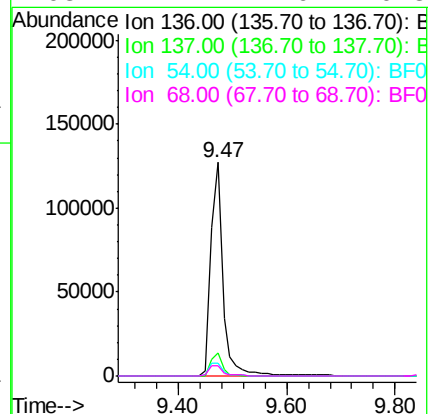
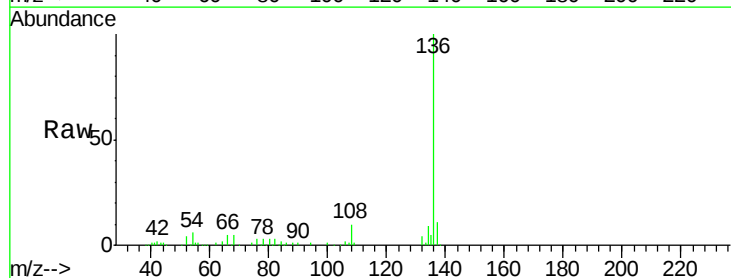
Ion Ratio Lower Upper

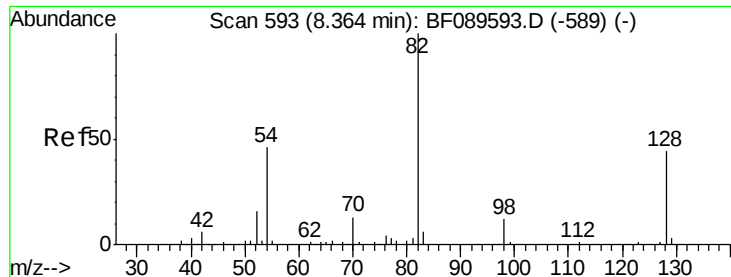
136 100

137 10.8 8.6 12.8

54 6.2 6.0 9.0

68 4.7 4.6 6.8

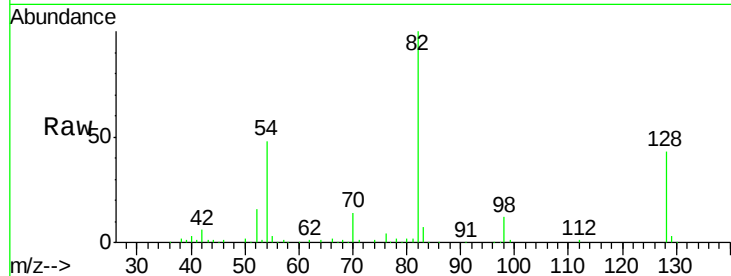




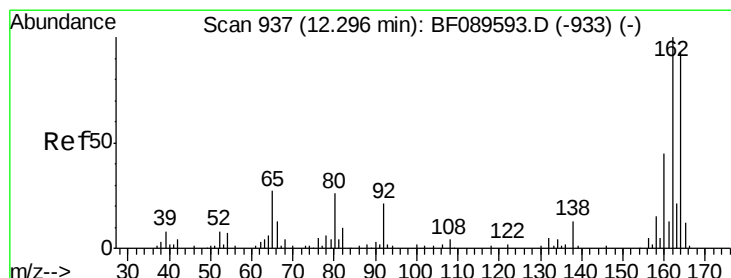
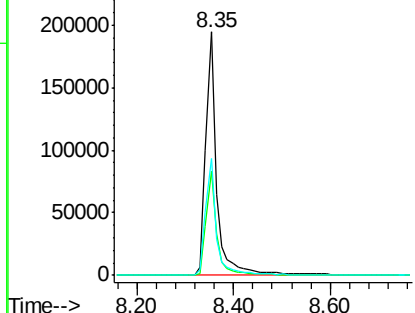
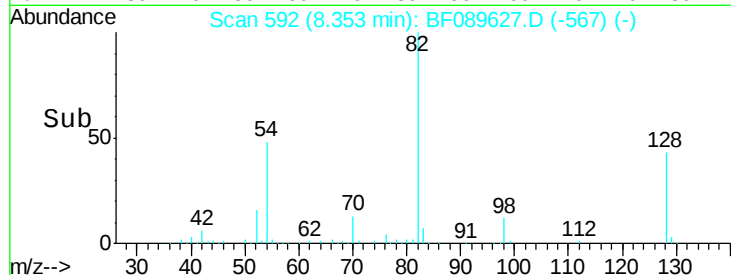
#23
 Nitrobenzene-d5
 Concen: 86.14 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 GW-58-9.6-19.0

Tgt Ion: 82 Resp: 309578
 Ion Ratio Lower Upper
 82 100
 128 42.5 35.4 53.0
 54 47.9 36.4 54.6

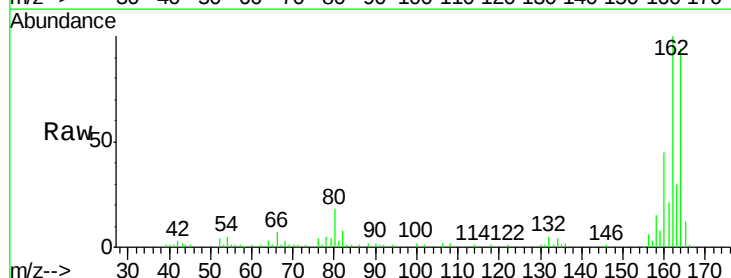


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

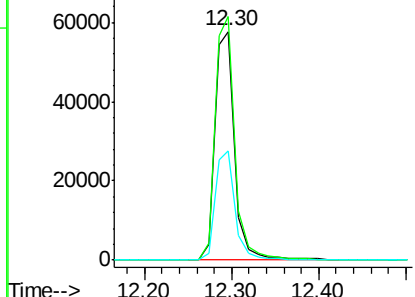
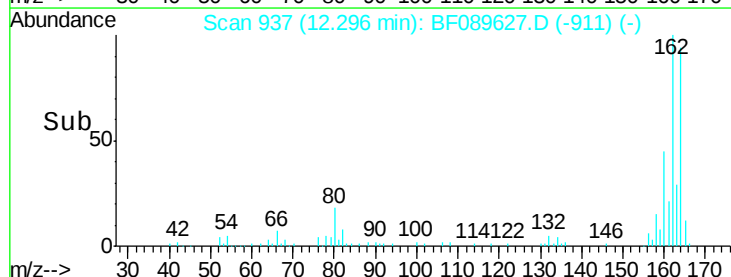


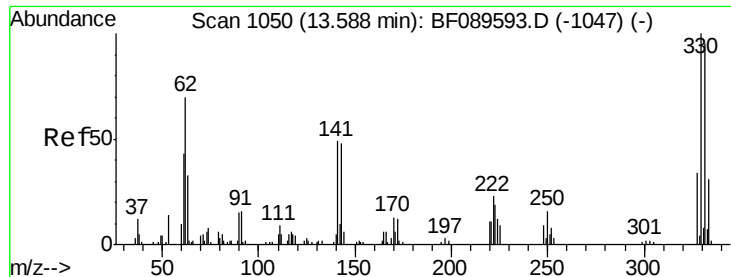
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

Tgt Ion: 164 Resp: 91873
 Ion Ratio Lower Upper
 164 100
 162 106.6 85.7 128.5
 160 47.9 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

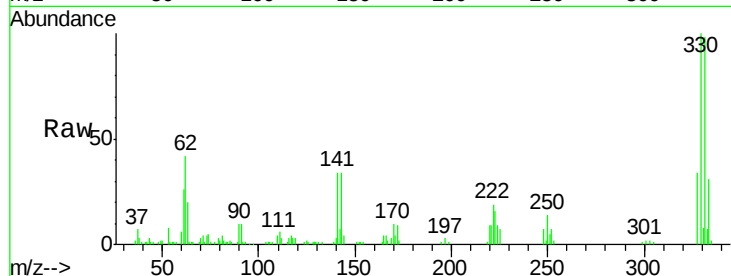




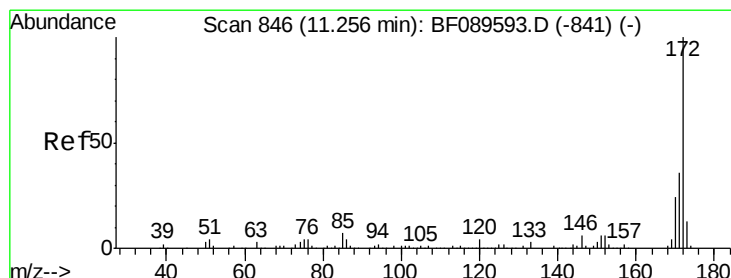
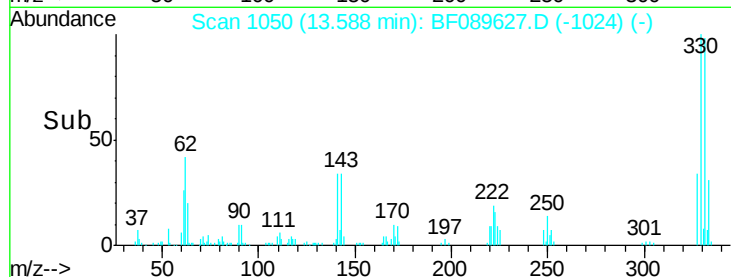
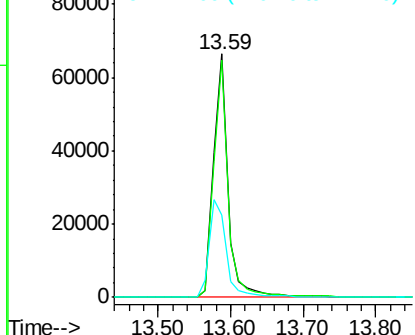
#41
 2,4,6-Tribromophenol
 Concen: 123.45 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 GW-58-9.6-19.0

Tgt Ion:330 Resp: 93600
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 46.7 38.6 57.8

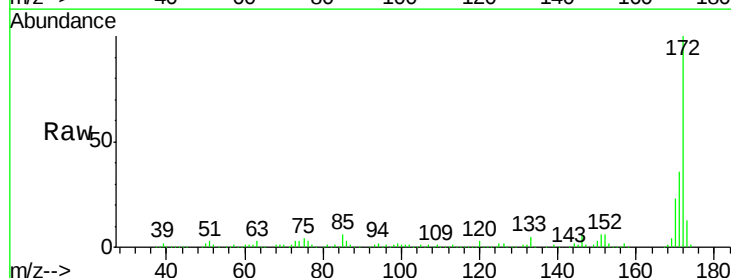


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

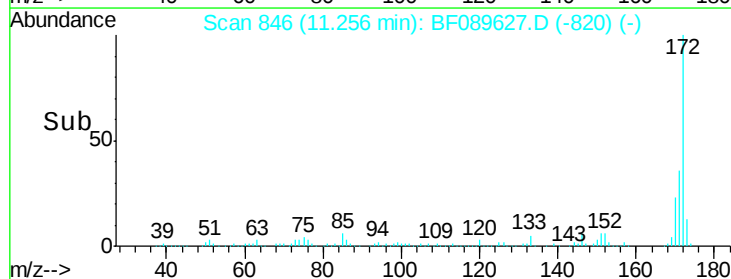
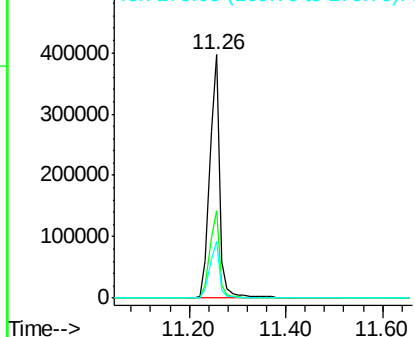


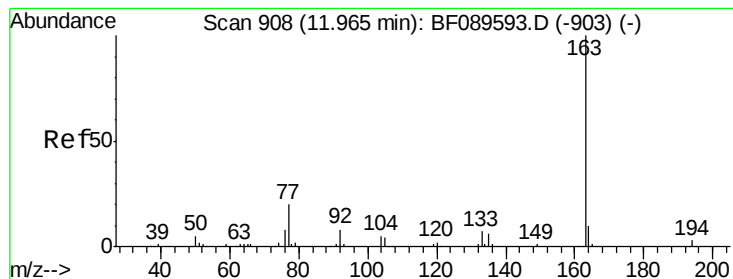
#44
 2-Fluorobiphenyl
 Concen: 82.18 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

Tgt Ion:172 Resp: 580915
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.5 19.0 28.6



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: 3.82 ng

RT: 11.94 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF089627.D

Acq: 5 Aug 2016 13:14

Instrument :

BNA_F

ClientSampleId :

GW-58-9.6-19.0

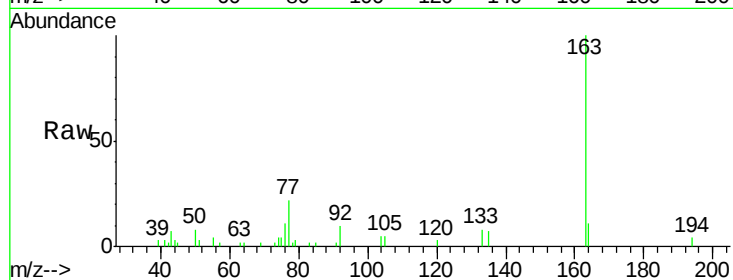
Tgt Ion:163 Resp: 27518

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

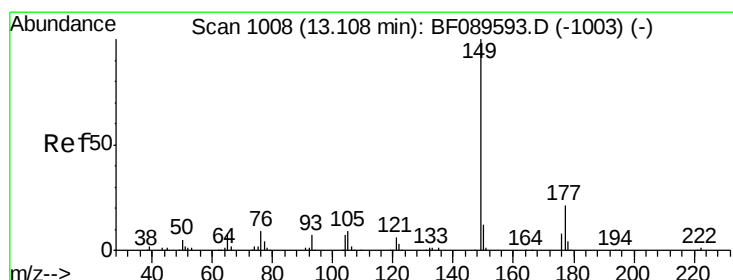
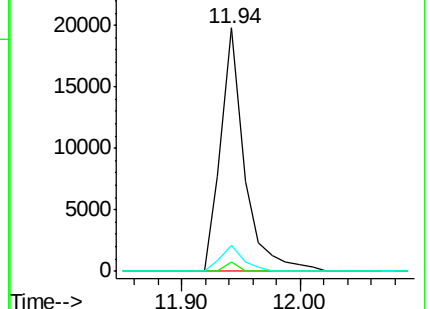
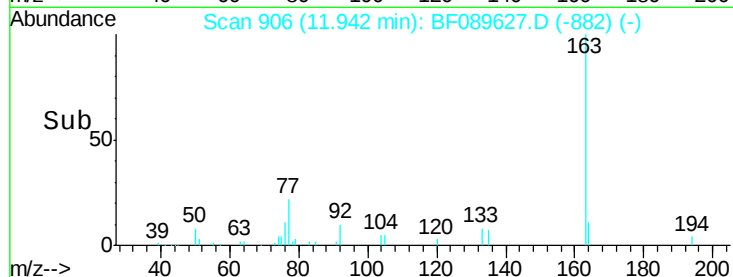
164 10.7 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#59

Diethylphthalate

Concen: 2.05 ng

RT: 13.09 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF089627.D

Acq: 5 Aug 2016 13:14

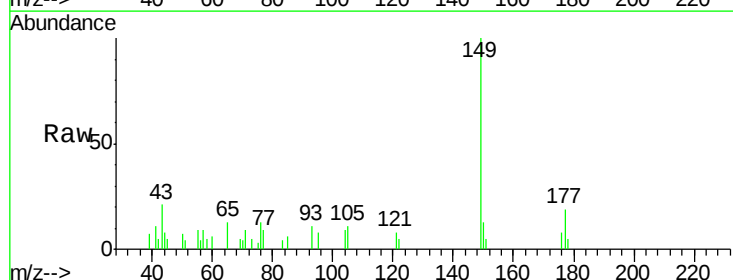
Tgt Ion:149 Resp: 15260

Ion Ratio Lower Upper

149 100

177 18.8 16.8 25.2

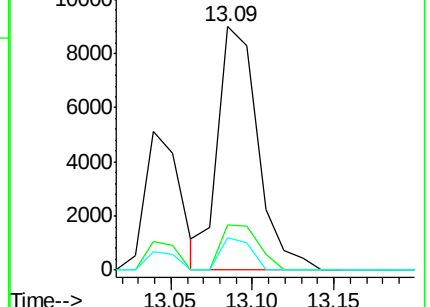
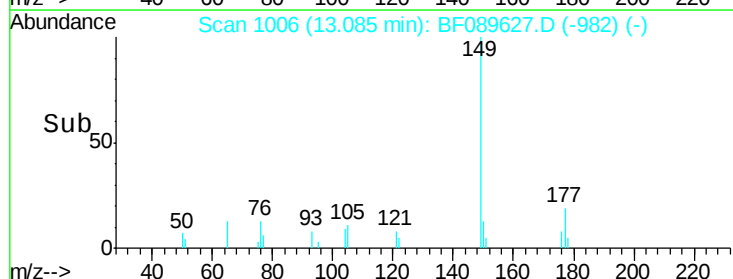
150 13.2 9.6 14.4

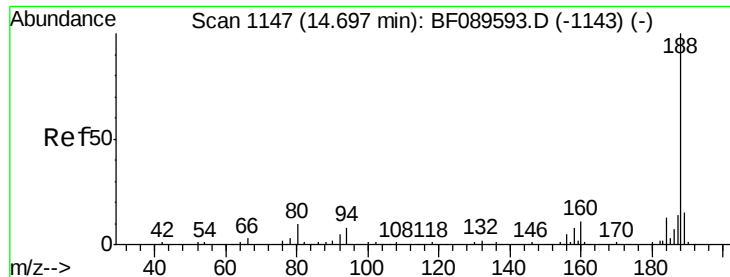


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF089627.D

Acq: 5 Aug 2016 13:14

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ClientSampleId :

GW-58-9.6-19.0

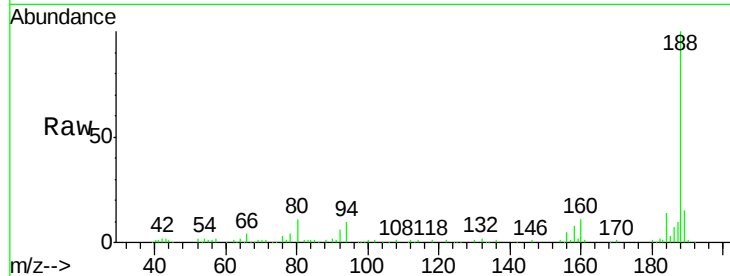
Tgt Ion:188 Resp: 171459

Ion Ratio Lower Upper

188 100

94 9.8 6.5 9.7#

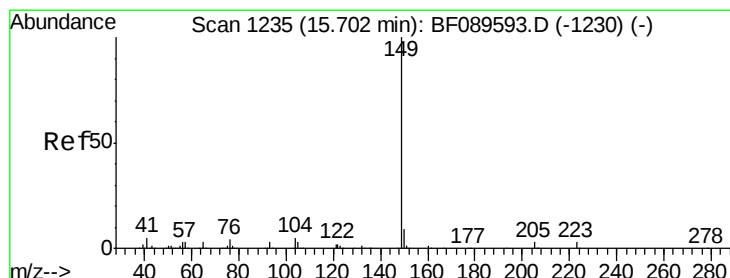
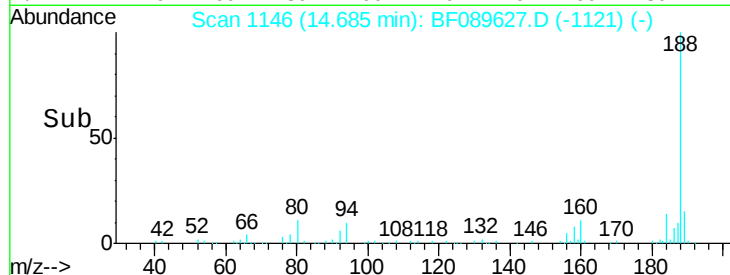
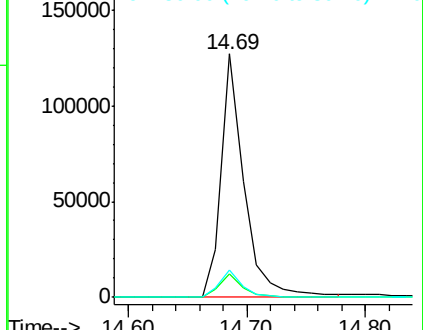
80 11.5 8.0 12.0



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: 4.19 ng

RT: 15.68 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF089627.D

Acq: 5 Aug 2016 13:14

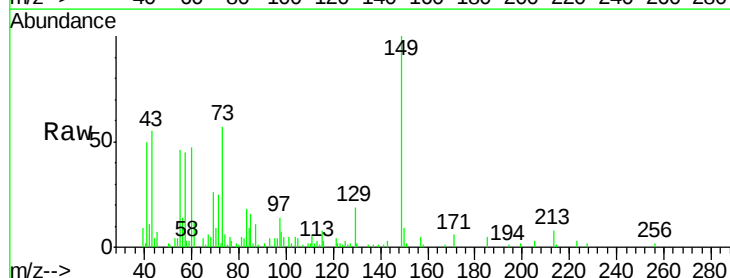
Tgt Ion:149 Resp: 47206

Ion Ratio Lower Upper

149 100

150 8.6 7.2 10.8

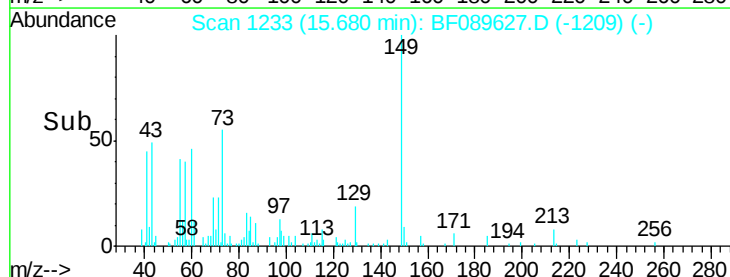
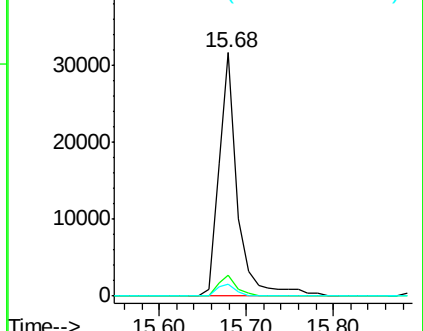
104 4.7 3.8 5.8

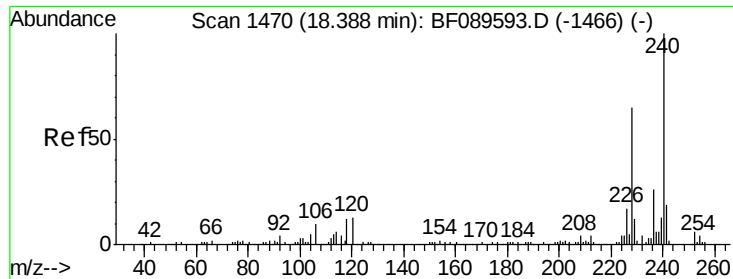


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

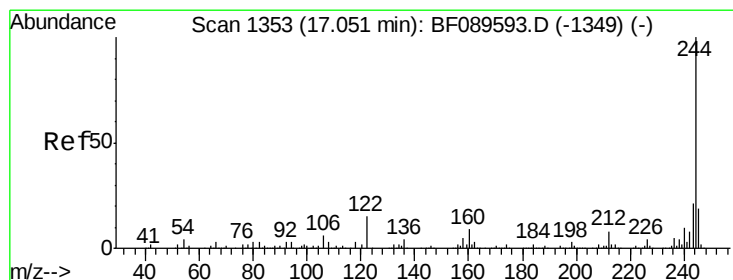
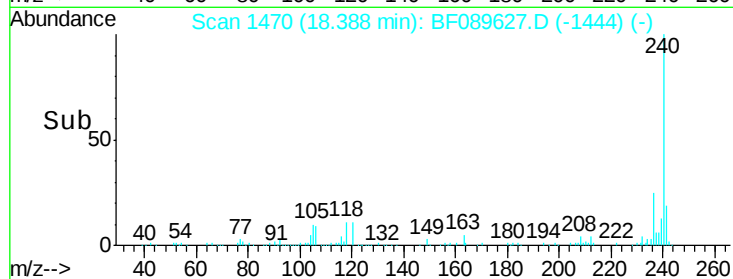
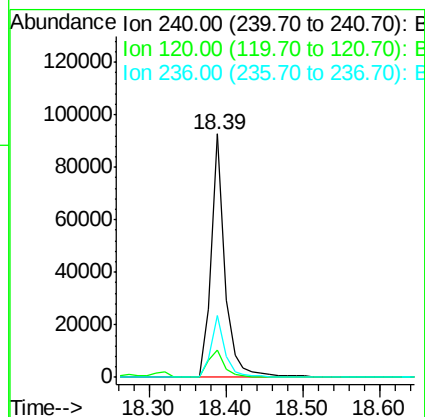
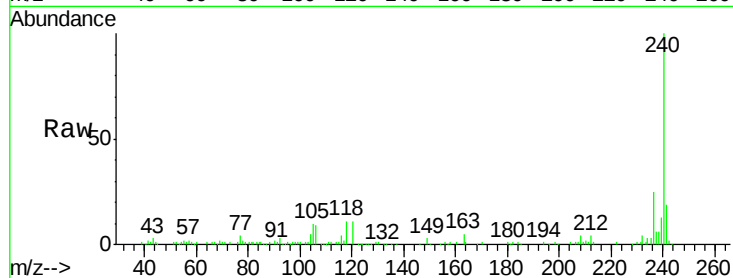




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.39 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

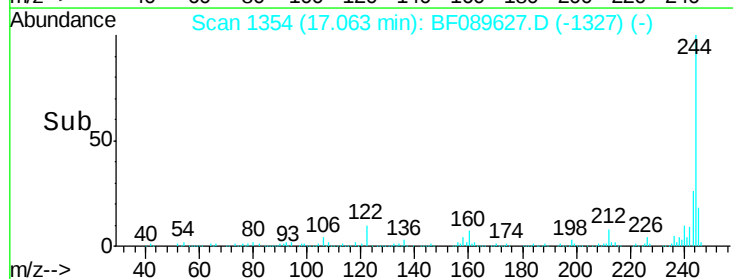
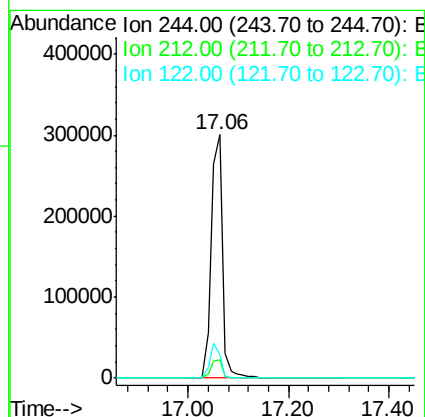
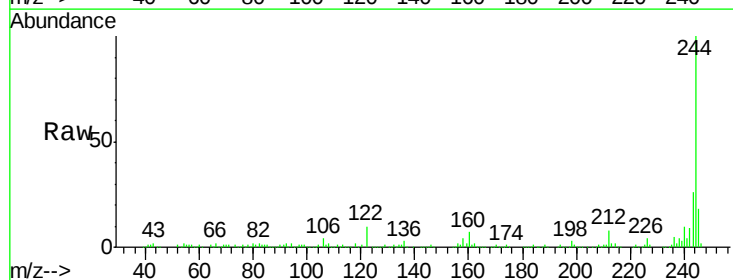
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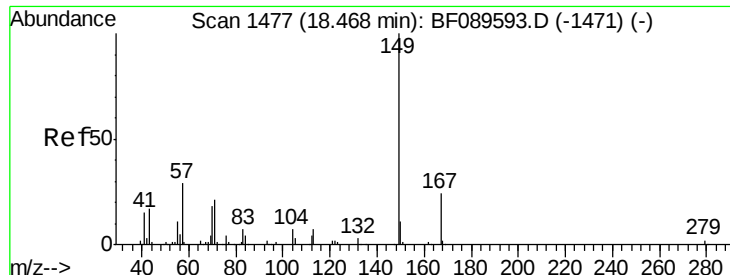
Tgt Ion:240 Resp: 115182
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 25.3 20.6 30.8



#78
 Terphenyl-d14
 Concen: 80.13 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

Tgt Ion:244 Resp: 467538
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 9.8 12.2 18.2#

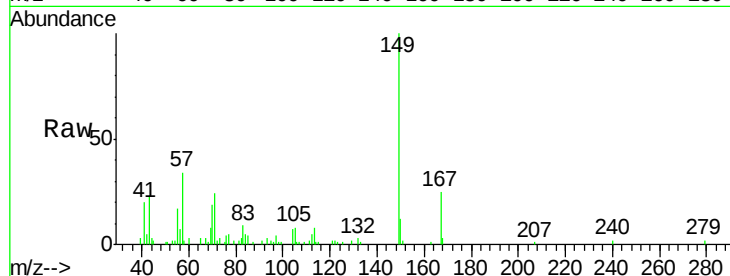




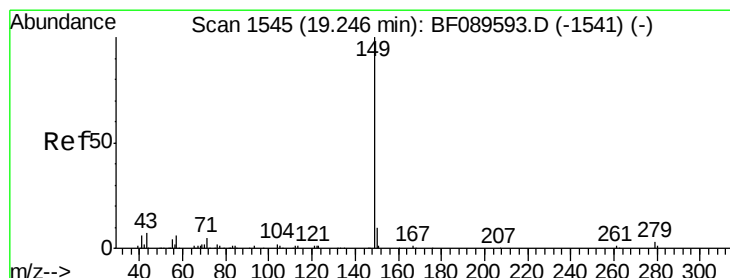
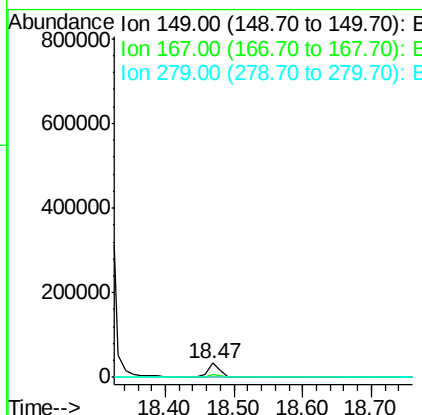
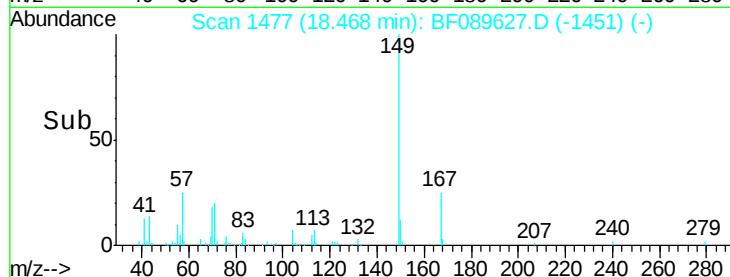
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.14 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 GW-58-9.6-19.0

Tgt Ion:149 Resp: 42861
 Ion Ratio Lower Upper
 149 100
 167 24.8 19.0 28.4
 279 2.0 1.8 2.6

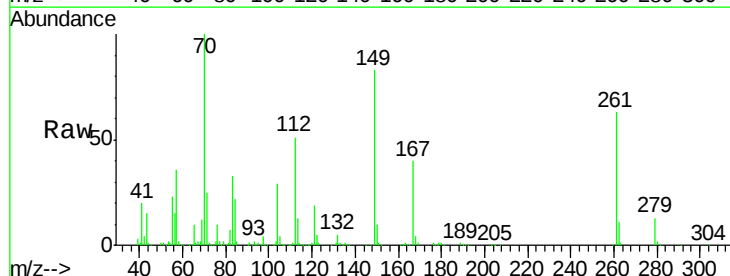


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

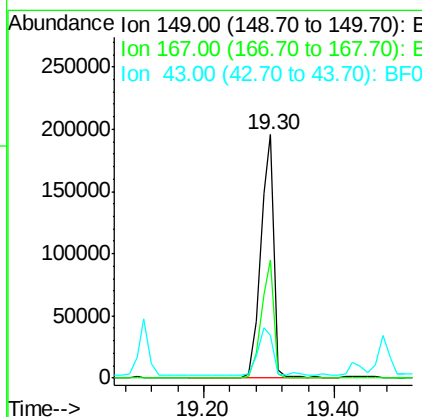
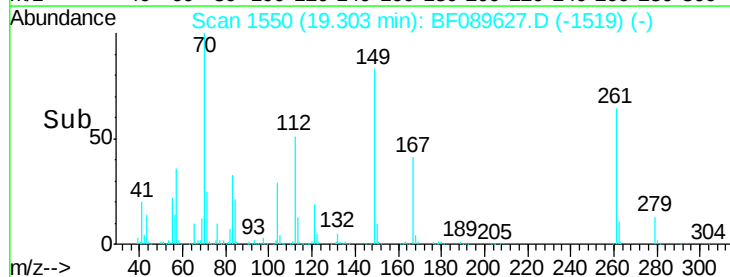


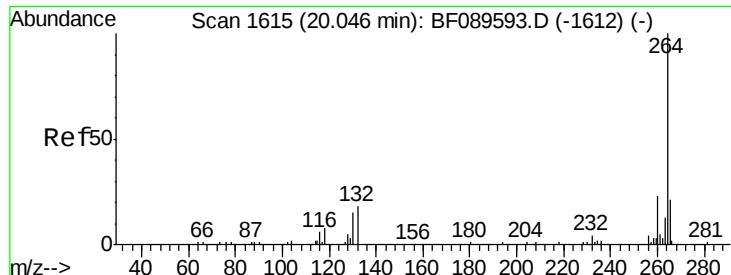
#84
 Di-n-octyl phthalate
 Concen: 31.95 ng
 RT: 19.30 min Scan# 1550
 Delta R.T. 0.06 min
 Lab File: BF089627.D
 Acq: 5 Aug 2016 13:14

Tgt Ion:149 Resp: 275838
 Ion Ratio Lower Upper
 149 100
 167 47.0 1.1 1.7#
 43 21.7 7.0 10.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

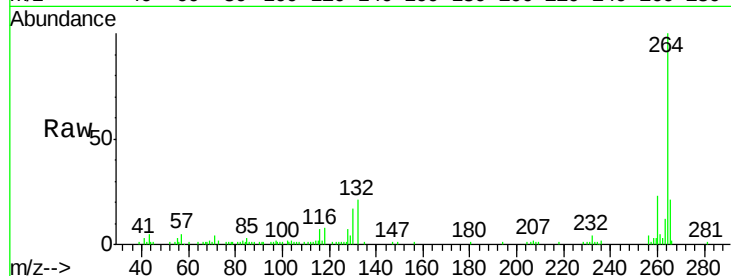




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089627.D
Acq: 5 Aug 2016 13:14

Instrument :
BNA_F
ClientSampleId :
GW-58-9.6-19.0

Tgt Ion: 264 Resp: 90586
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.1 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

