

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
 Data File : BF090976.D
 Acq On : 2 Nov 2016 13:41
 Operator : UM/SJ
 Sample : H5502-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-87-0.5-1.0

Quant Time: Nov 03 00:30:48 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

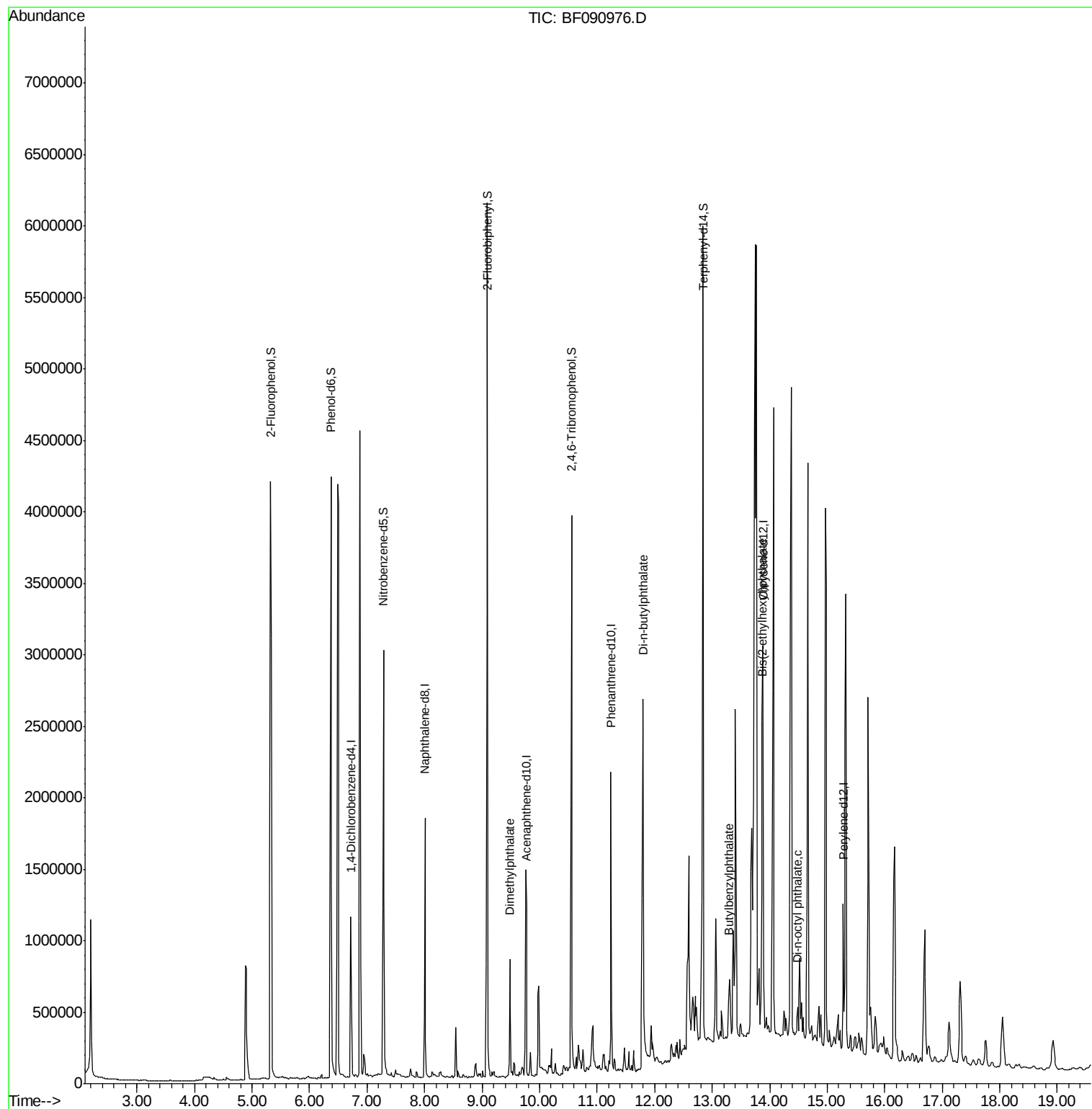
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	185806	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	840225	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	425825	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	708490	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	638863	20.00	ng	-0.02
86) Perylene-d12	15.28	264	407760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1783334	167.81	ng	-0.01
7) Phenol-d6	6.37	99	2140315	149.28	ng	-0.02
23) Nitrobenzene-d5	7.29	82	1399010	109.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	555531	126.95	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	2315861	95.50	ng	-0.02
78) Terphenyl-d14	12.84	244	2539906	100.16	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.48	163	425608	14.96	ng	# 96
73) Di-n-butylphthalate	11.80	149	96761	2.24	ng	# 98
79) Butylbenzylphthalate	13.30	149	79829	4.35	ng	# 86
83) Bis(2-ethylhexyl)phthalate	13.87	149	762882	31.93	ng	# 90
84) Di-n-octyl phthalate	14.49	149	129073	3.22	ng	# 89

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SB-87-0.5-1.0

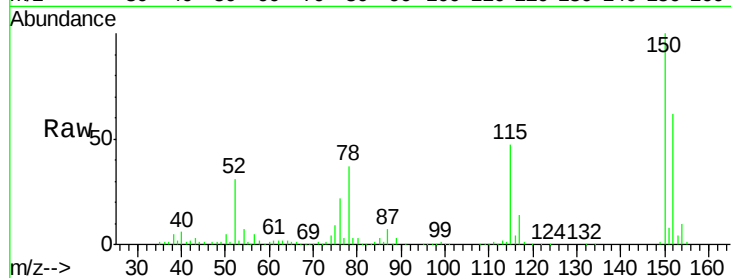
Tgt Ion:152 Resp: 185806

Ion Ratio Lower Upper

152 100

150 160.7 124.7 187.1

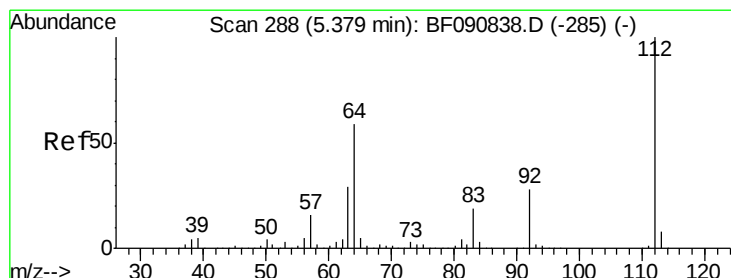
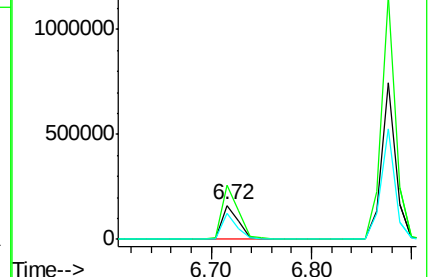
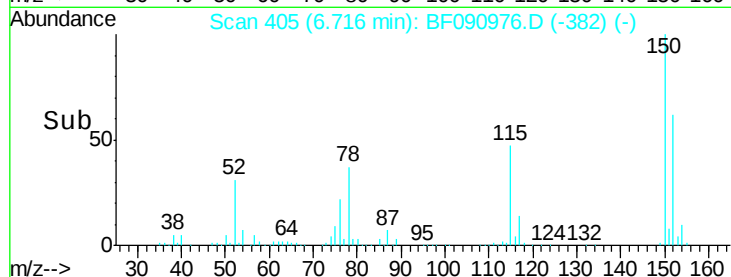
115 75.4 39.0 58.4#



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: 167.81 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

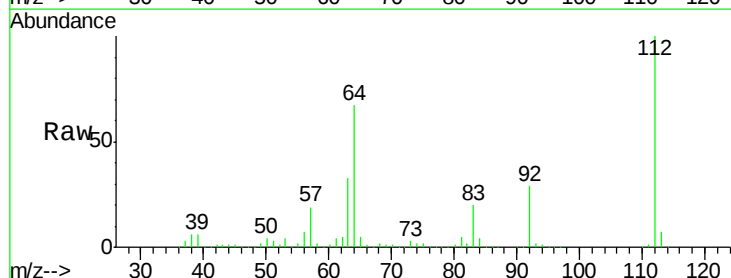
Tgt Ion:112 Resp: 1783334

Ion Ratio Lower Upper

112 100

64 66.9 39.7 59.5#

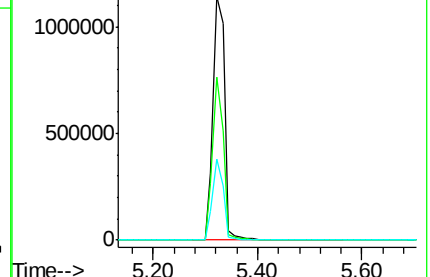
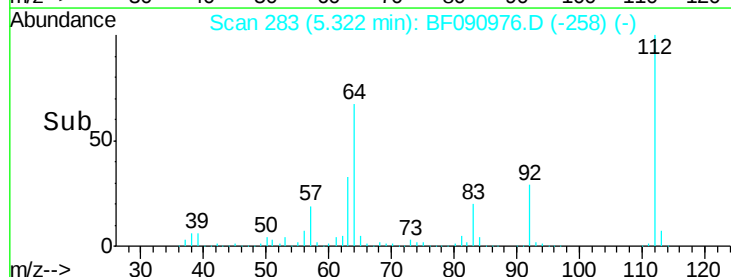
63 33.4 17.4 26.0#



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: 149.28 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SB-87-0.5-1.0

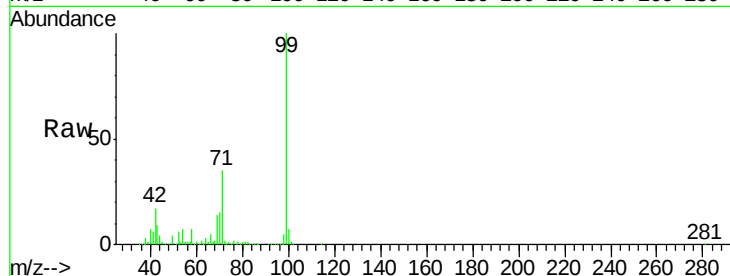
Tgt Ion: 99 Resp: 2140315

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

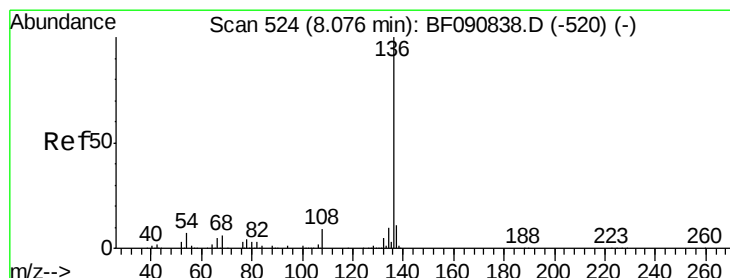
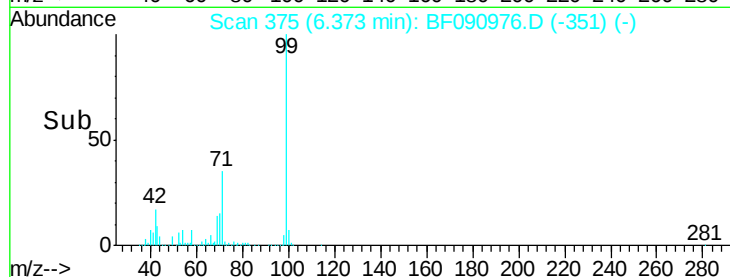
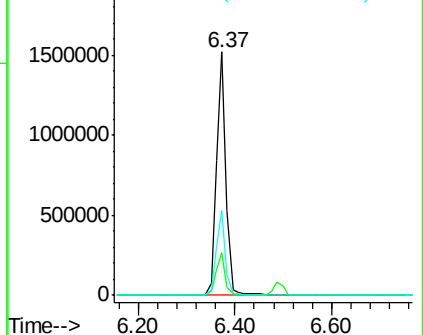
71 34.6 14.2 21.2#



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: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

Tgt Ion: 136 Resp: 840225

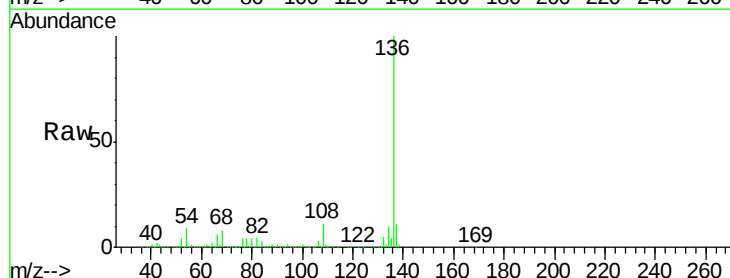
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.5 8.2 12.2

68 8.1 5.8 8.6

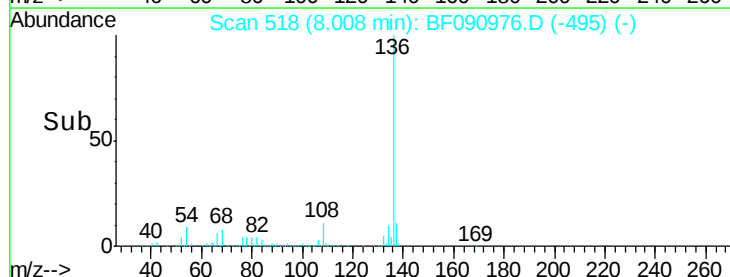
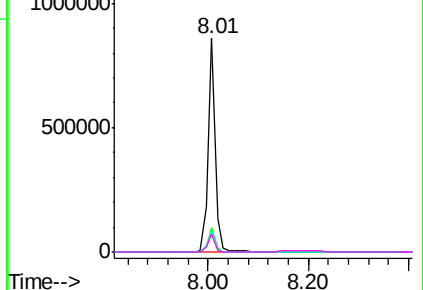


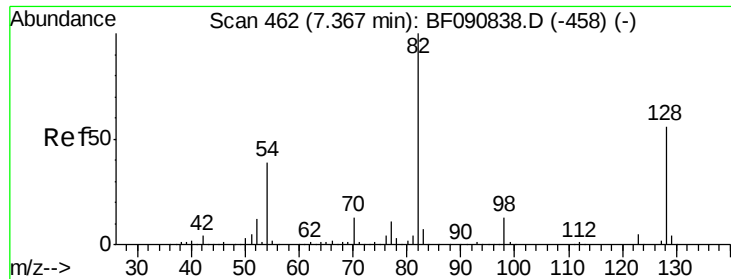
Abundance Ion 136.00 (135.70 to 136.70): E

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

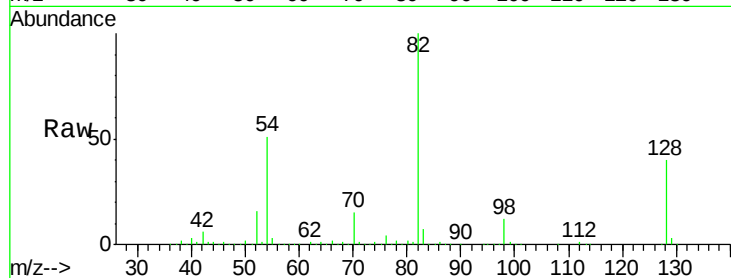




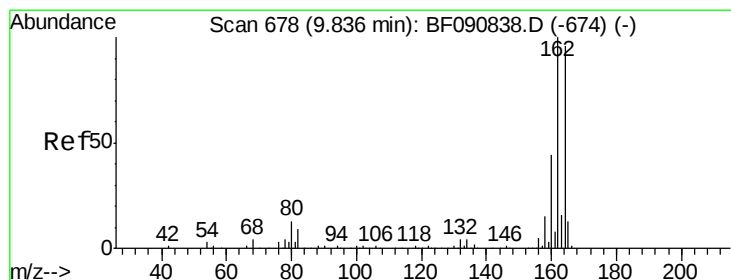
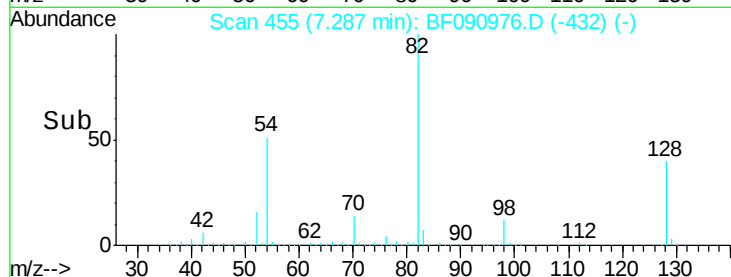
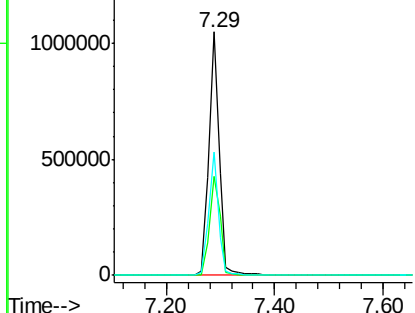
#23
 Nitrobenzene-d5
 Concen: 109.00 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-87-0.5-1.0

Tgt Ion: 82 Resp: 1399010
 Ion Ratio Lower Upper
 82 100
 128 40.5 51.0 76.6#
 54 50.7 47.5 71.3

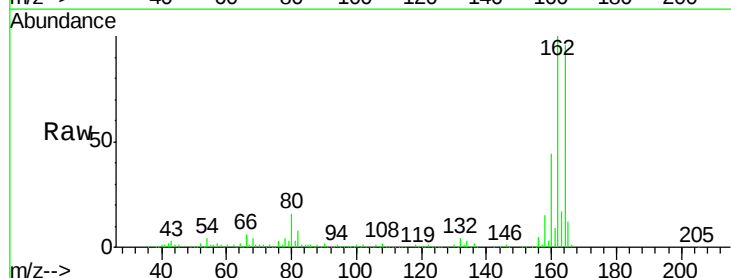


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

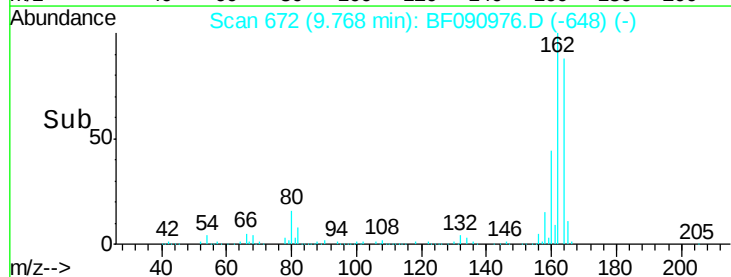
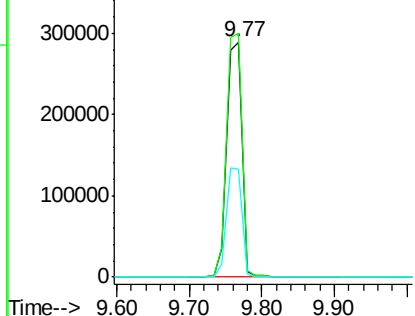


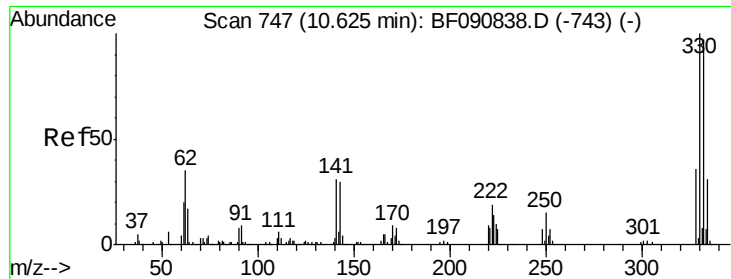
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.02 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Tgt Ion:164 Resp: 425825
 Ion Ratio Lower Upper
 164 100
 162 103.7 75.2 112.8
 160 46.0 31.5 47.3



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

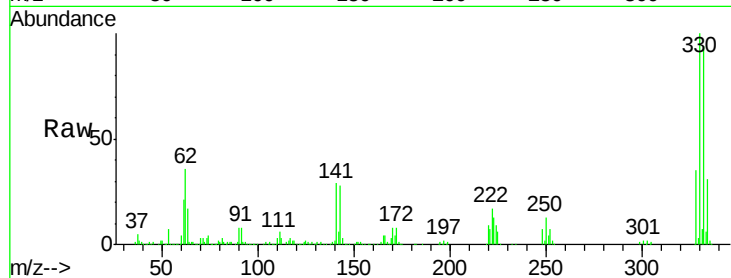




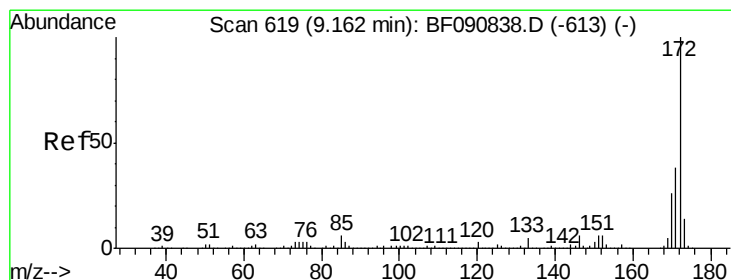
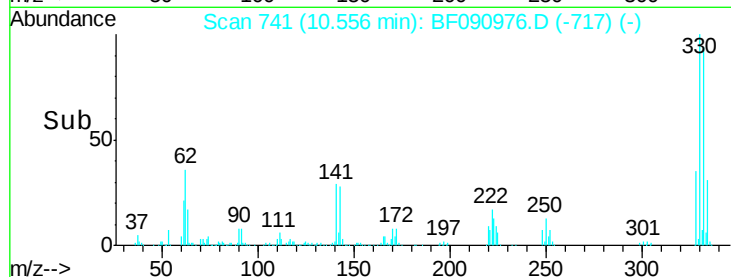
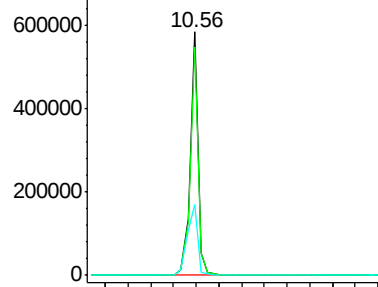
#41
 2,4,6-Tribromophenol
 Concen: 126.95 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.02 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-87-0.5-1.0

Tgt Ion:330 Resp: 55531
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 114.8
 141 38.4 29.7 44.5

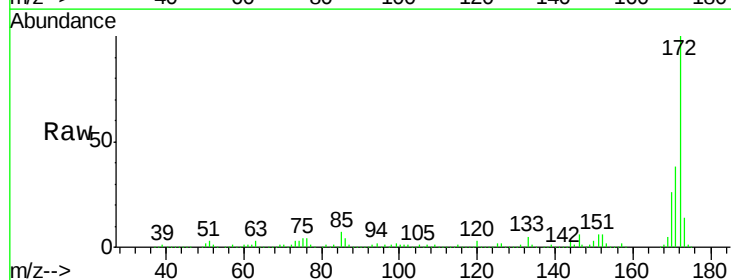


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

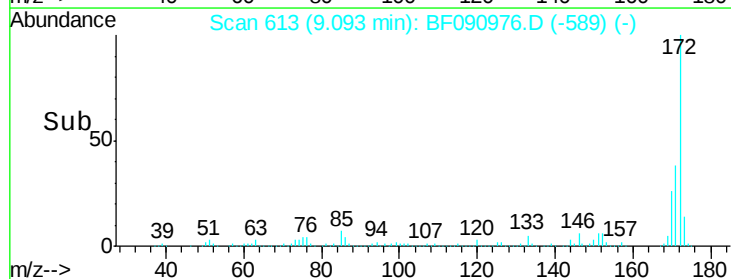
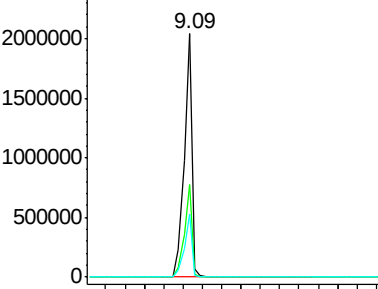


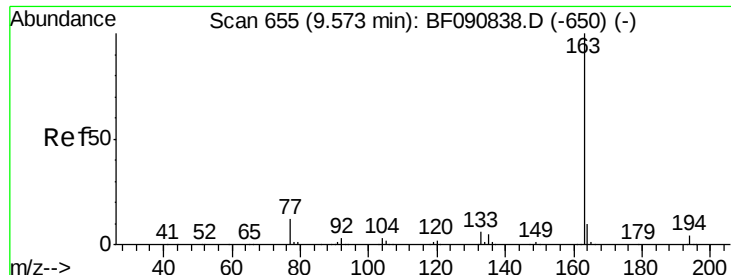
#44
 2-Fluorobiphenyl
 Concen: 95.50 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Tgt Ion:172 Resp: 2315861
 Ion Ratio Lower Upper
 172 100
 171 38.0 26.1 39.1
 170 26.1 17.4 26.2



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: 14.96 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.03 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

Instrument :

BNA_F

ClientSampleId :

SB-87-0.5-1.0

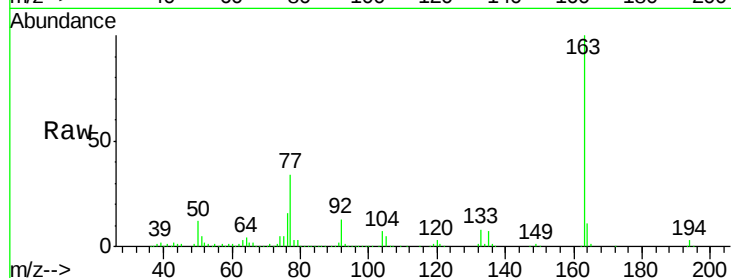
Tgt Ion:163 Resp: 425608

Ion Ratio Lower Upper

163 100

194 2.7 4.4 6.6#

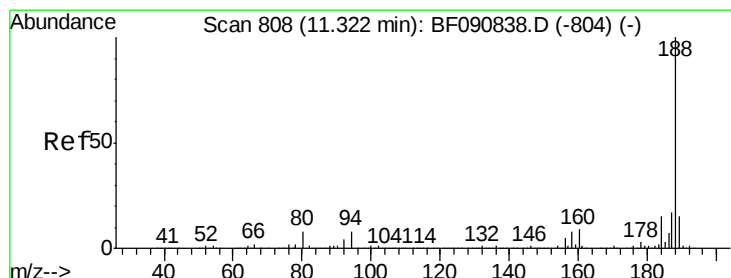
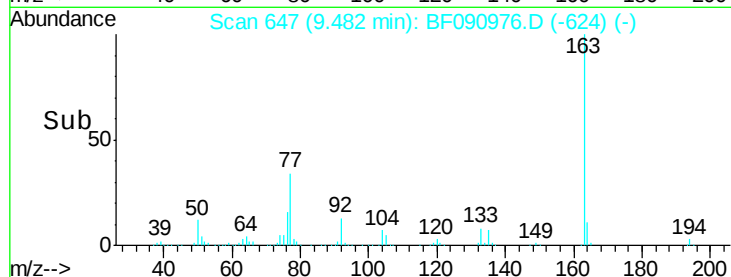
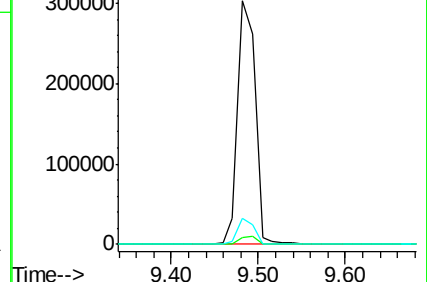
164 10.9 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.02 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

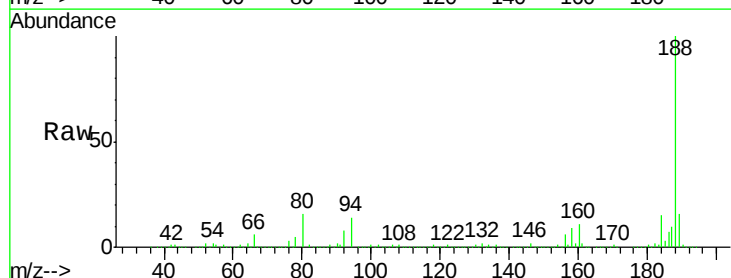
Tgt Ion:188 Resp: 708490

Ion Ratio Lower Upper

188 100

94 13.8 11.1 16.7

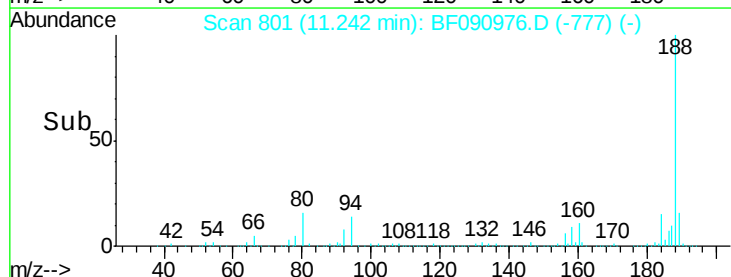
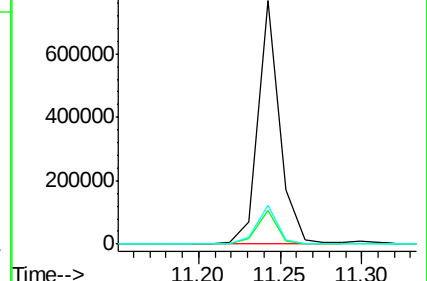
80 15.9 11.0 16.4

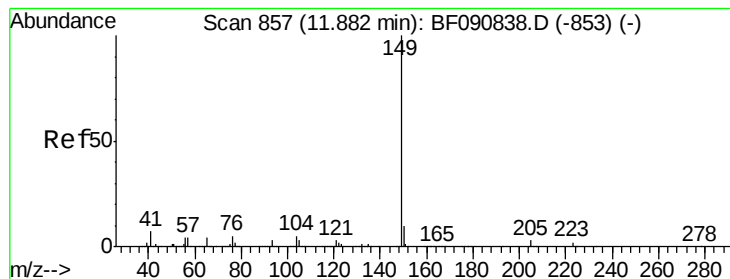


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 2.24 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

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SB-87-0.5-1.0

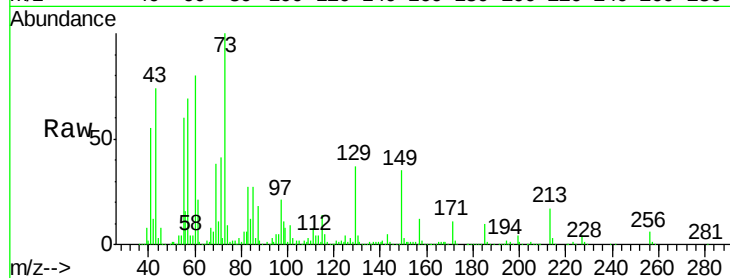
Tgt Ion:149 Resp: 96761

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

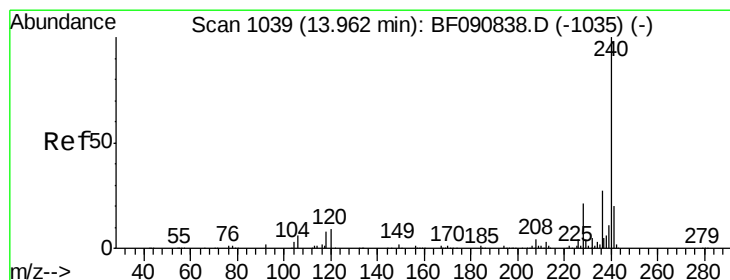
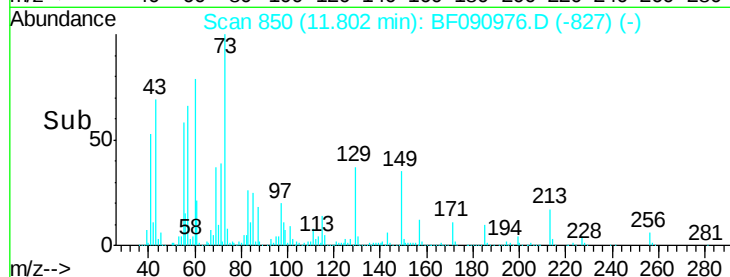
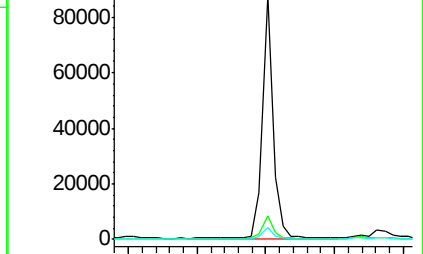
104 5.1 2.4 3.6#



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: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

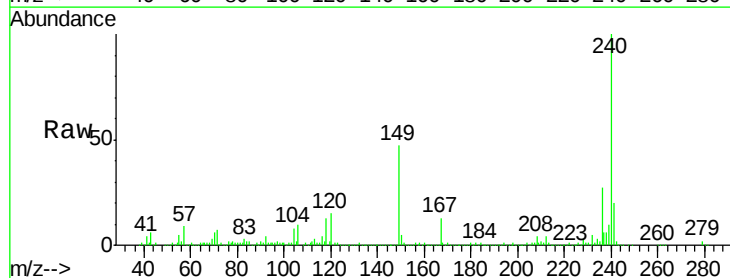
Tgt Ion:240 Resp: 638863

Ion Ratio Lower Upper

240 100

120 14.8 16.2 24.2#

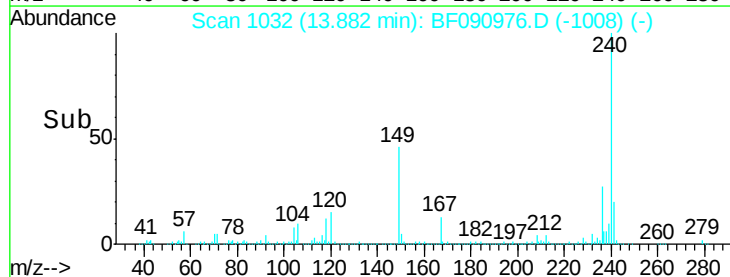
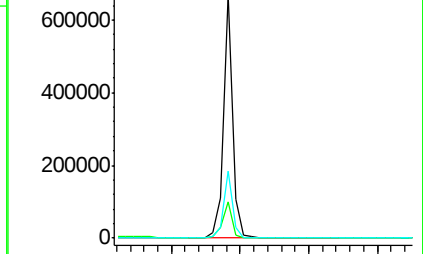
236 27.4 18.4 27.6

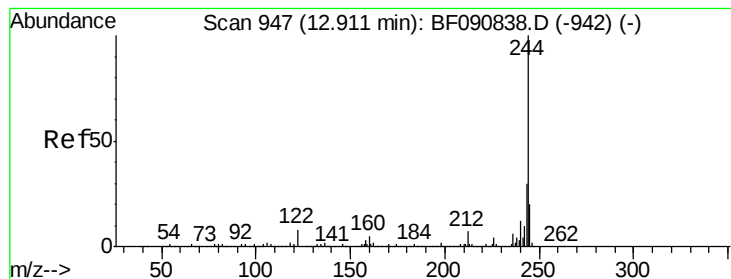


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.16 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

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SB-87-0.5-1.0

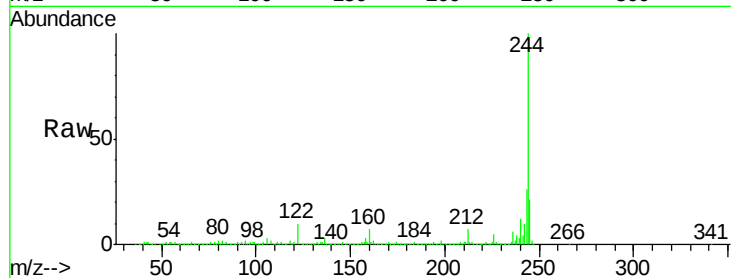
Tgt Ion:244 Resp: 2539906

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

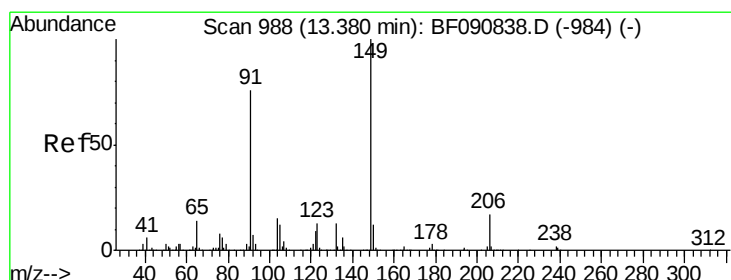
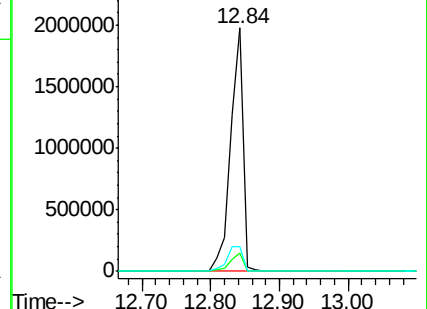
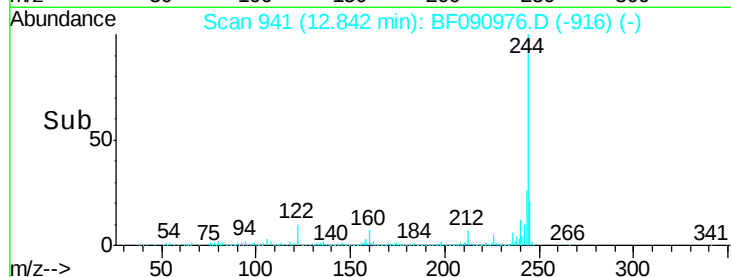
122 10.0 17.4 26.2#



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



#79

Butylbenzylphthalate

Concen: 4.35 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.03 min

Lab File: BF090976.D

Acq: 2 Nov 2016 13:41

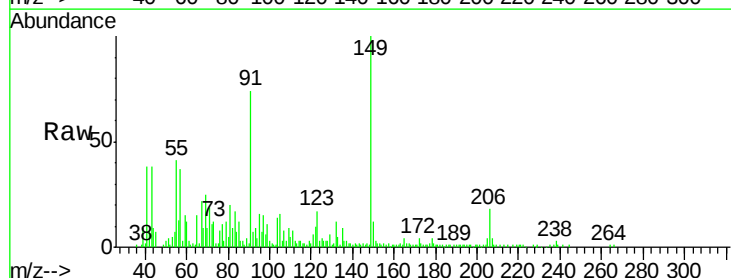
Tgt Ion:149 Resp: 79829

Ion Ratio Lower Upper

149 100

91 74.5 48.6 72.8#

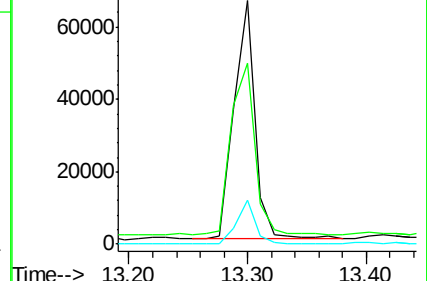
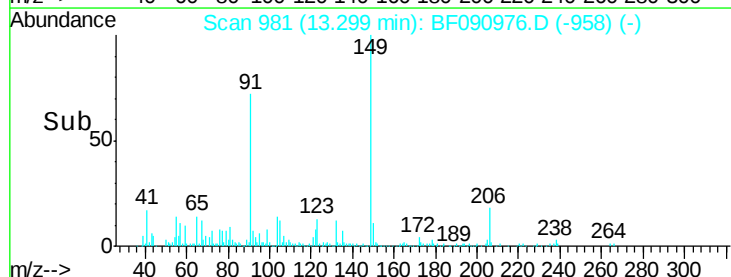
206 17.8 14.9 22.3

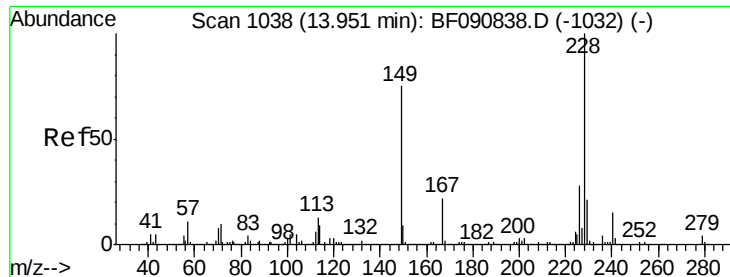


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

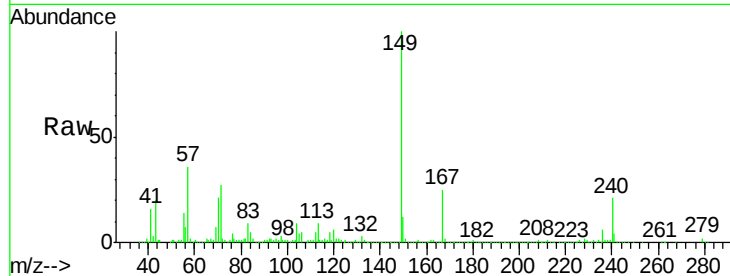




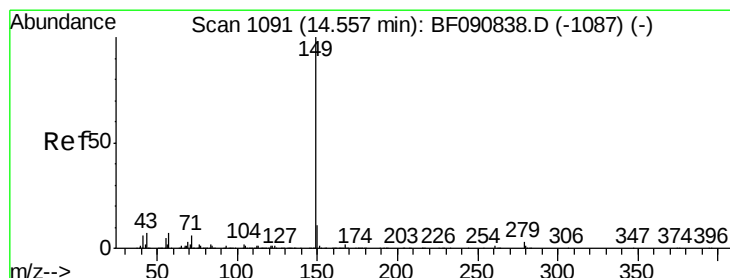
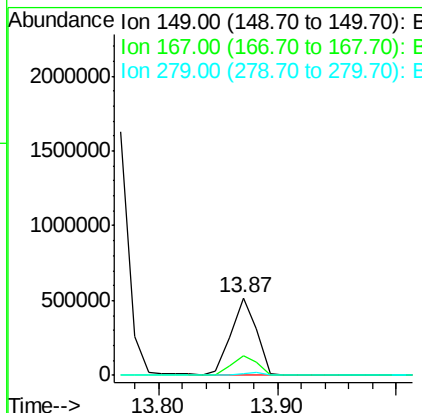
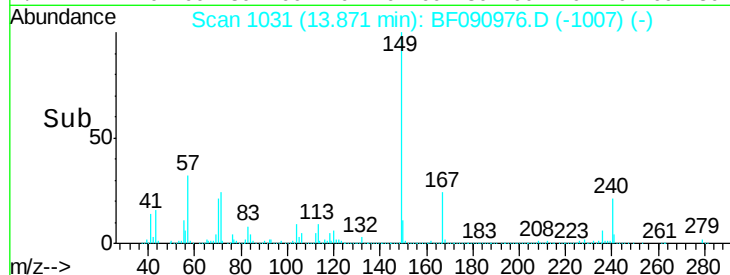
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.93 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-87-0.5-1.0

Tgt Ion:149 Resp: 762882
 Ion Ratio Lower Upper
 149 100
 167 24.6 24.2 36.2
 279 2.1 3.8 5.6#

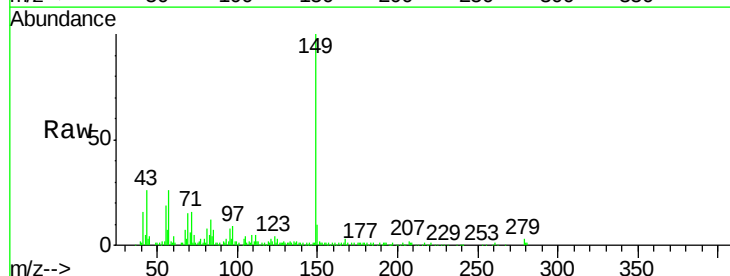


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

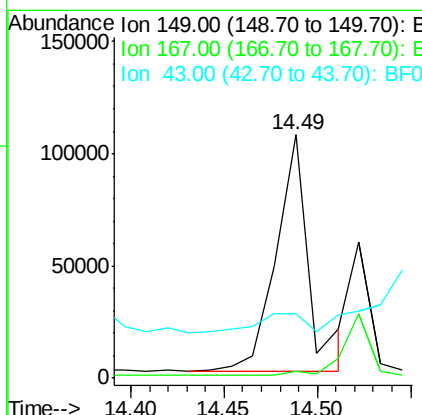
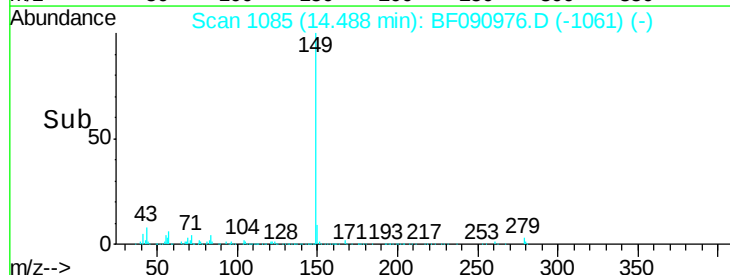


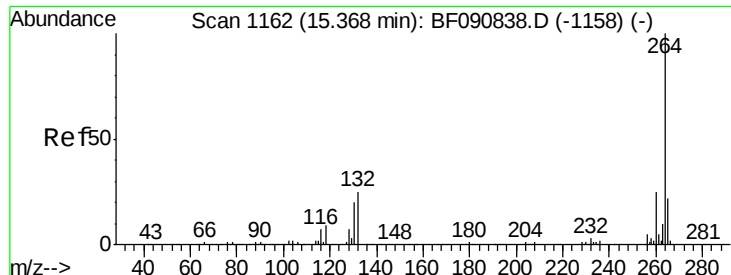
#84
 Di-n-octyl phthalate
 Concen: 3.22 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF090976.D
 Acq: 2 Nov 2016 13:41

Tgt Ion:149 Resp: 129073
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.0 1.6#
 43 17.4 10.2 15.2#



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

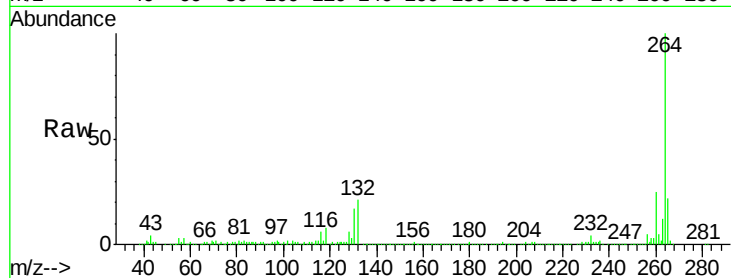




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090976.D
Acq: 2 Nov 2016 13:41

Instrument :
BNA_F
ClientSampleId :
SB-87-0.5-1.0

Tgt Ion: 264 Resp: 407760
Ion Ratio Lower Upper
264 100
260 25.3 16.7 25.1#
265 22.3 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

