

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101116\
 Data File : BF090518.D
 Acq On : 11 Oct 2016 22:41
 Operator : UM/SJ
 Sample : H5146-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0616

Quant Time: Oct 12 01:00:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

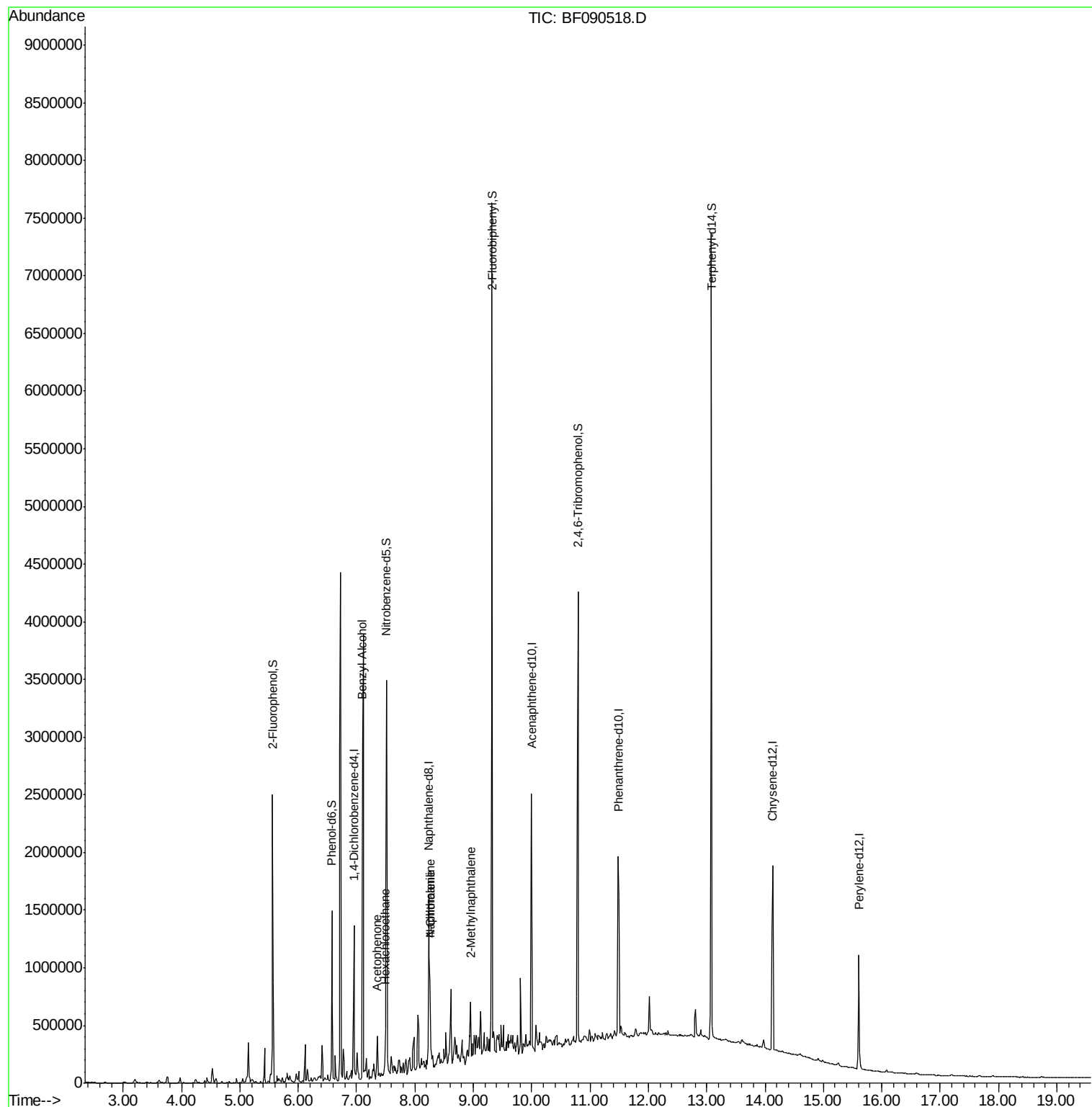
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	221165	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	837597	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	458911	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	769160	20.00	ng	0.00
75) Chrysene-d12	14.13	240	679098	20.00	ng	0.00
86) Perylene-d12	15.61	264	454979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	745557	52.44	ng	0.00
7) Phenol-d6	6.58	99	607732	33.88	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1261424	81.68	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	713110	156.76	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2481877	90.88	ng	0.00
78) Terphenyl-d14	13.08	244	2482380	89.33	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.10	79	30375	2.21	ng	# 56
18) Hexachloroethane	7.49	117	15820	2.58	ng	# 1
22) Acetophenone	7.35	105	100028	5.42	ng	# 85
31) Naphthalene	8.26	128	301585	7.23	ng	98
33) 4-Chloroaniline	8.26	127	43289	2.45	ng	# 35
37) 2-Methylnaphthalene	8.95	142	121435	4.34	ng	97

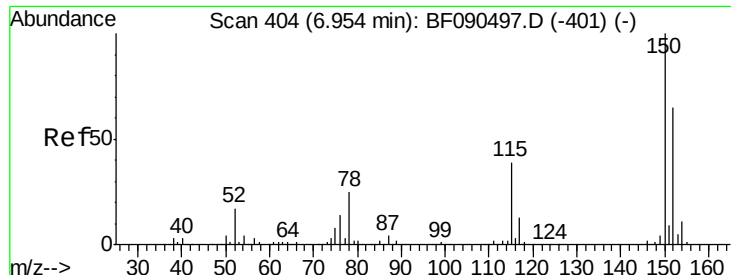
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

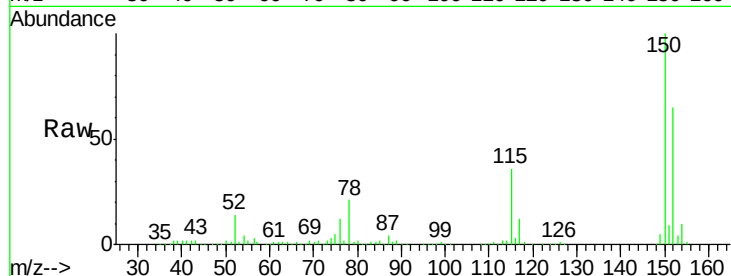
Tgt Ion:152 Resp: 221165

Ion Ratio Lower Upper

152 100

150 153.9 124.6 186.8

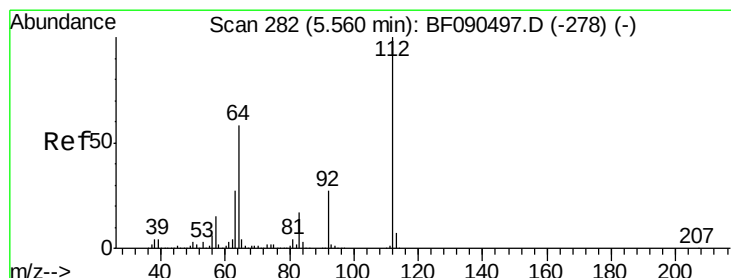
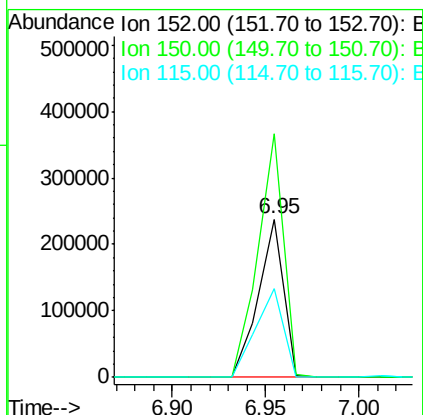
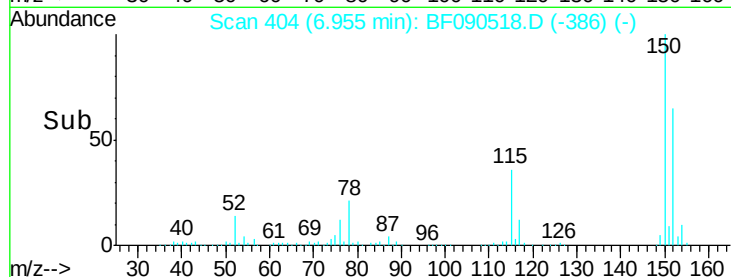
115 56.0 46.2 69.4



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: 52.44 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

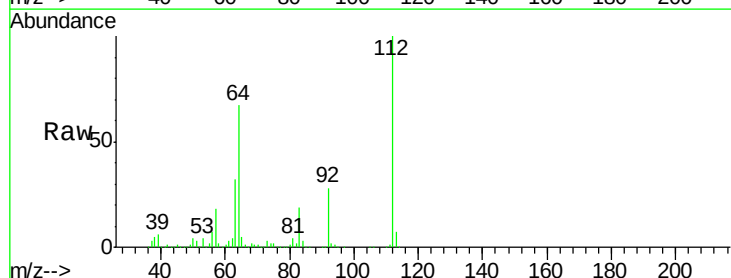
Tgt Ion:112 Resp: 745557

Ion Ratio Lower Upper

112 100

64 66.6 57.9 86.9

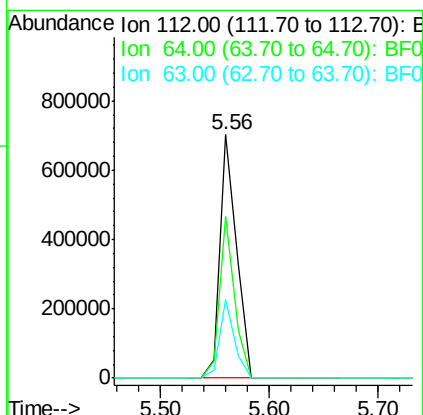
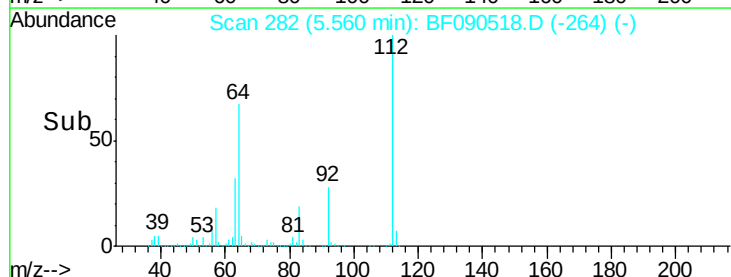
63 32.0 29.6 44.4

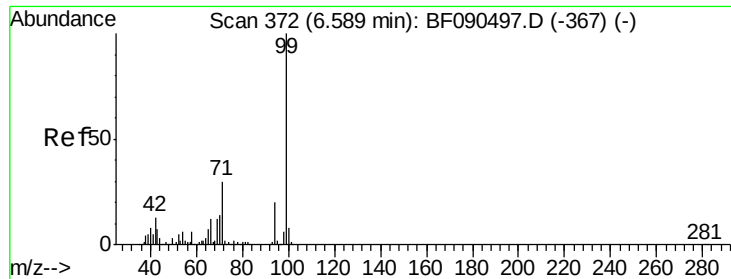


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.88 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

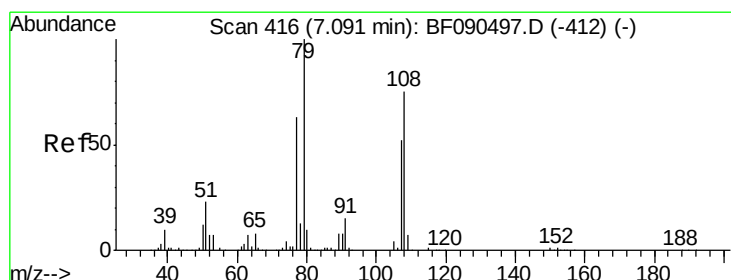
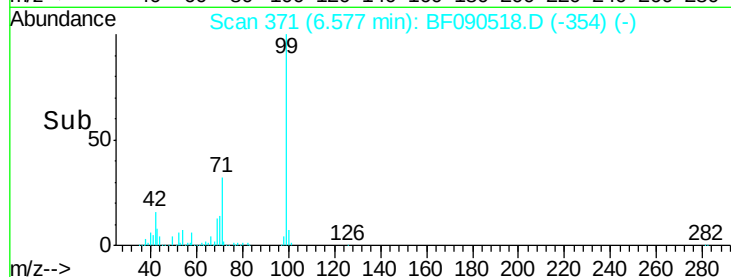
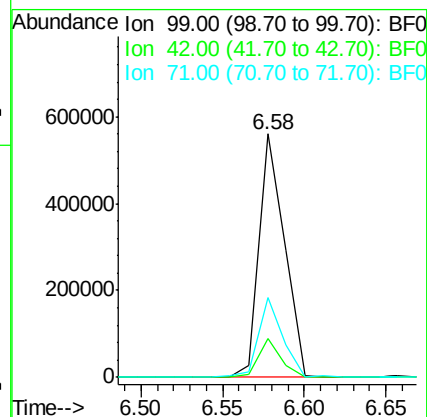
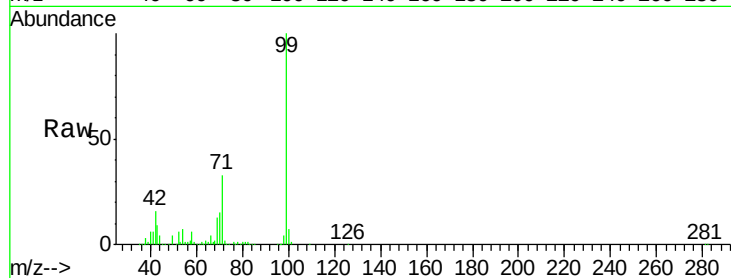
Tgt Ion: 99 Resp: 607732

Ion Ratio Lower Upper

99 100

42 16.0 20.0 30.0#

71 32.8 27.9 41.9



#15

Benzyl Alcohol

Concen: 2.21 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

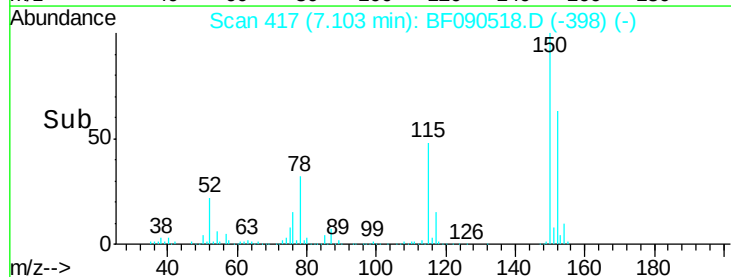
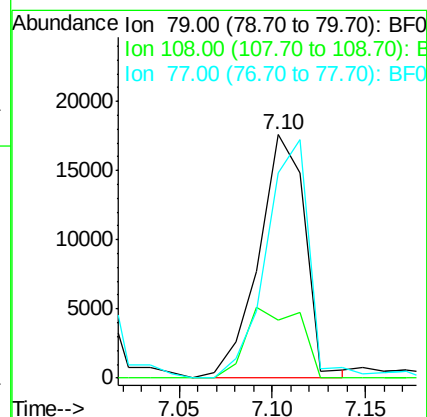
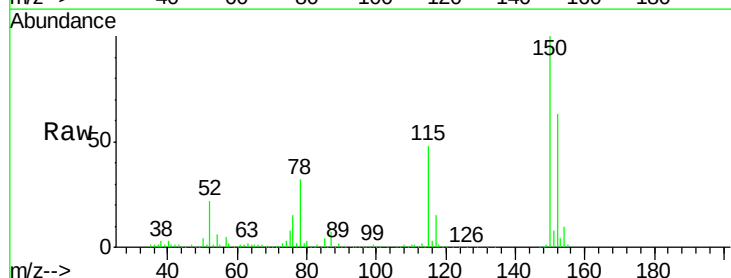
Tgt Ion: 79 Resp: 30375

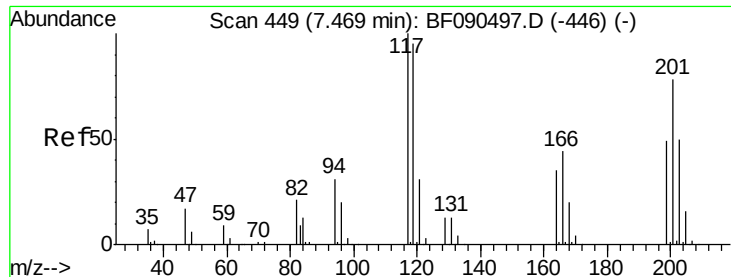
Ion Ratio Lower Upper

79 100

108 23.9 60.9 91.3#

77 84.1 51.5 77.3#





#18

Hexachloroethane

Concen: 2.58 ng

RT: 7.49 min Scan# 451

Delta R.T. 0.02 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

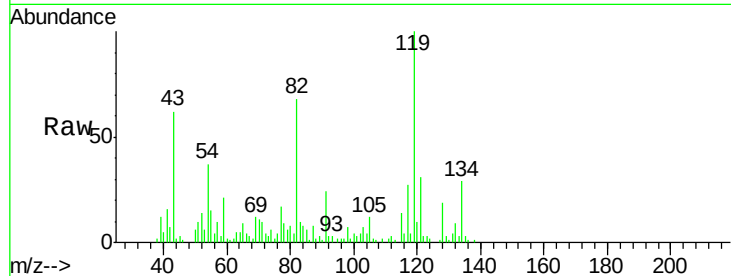
Tgt Ion:117 Resp: 15820

Ion Ratio Lower Upper

117 100

119 368.0 75.9 113.9#

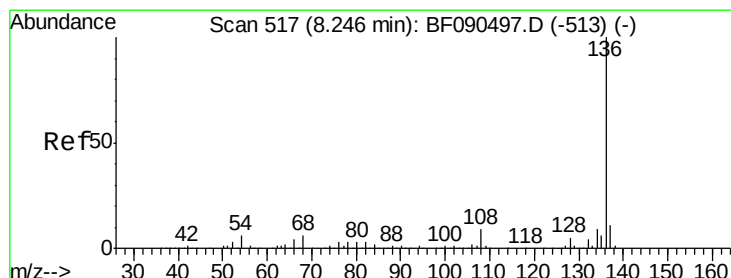
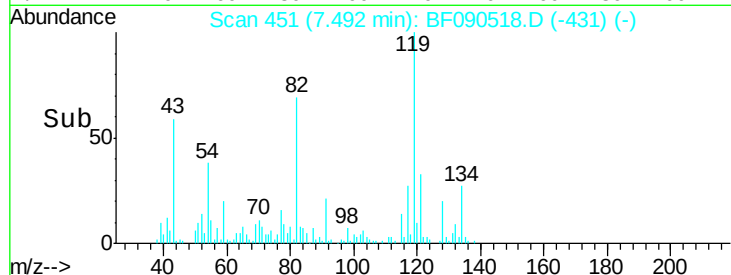
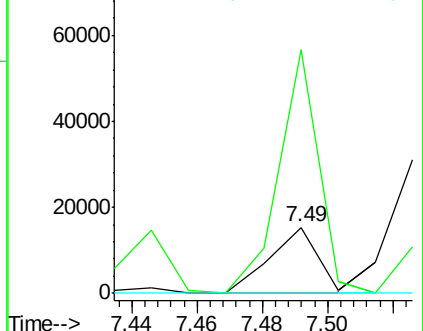
201 0.0 66.5 99.7#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Tgt Ion:136 Resp: 837597

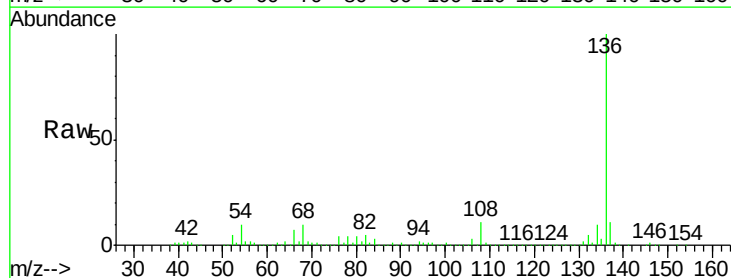
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 10.5 6.6 10.0#

68 9.6 5.0 7.6#

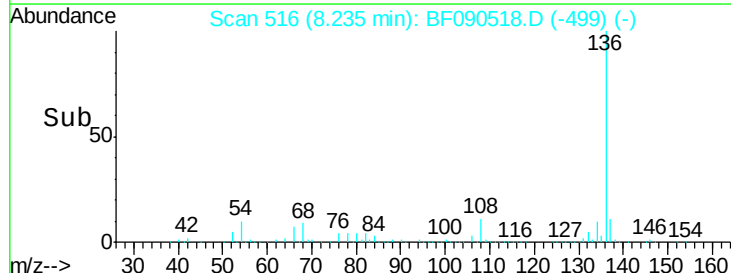
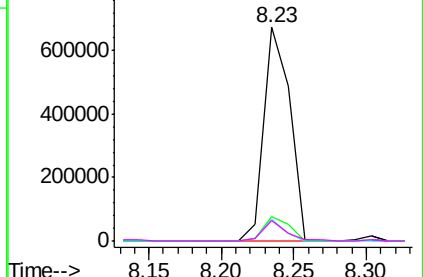


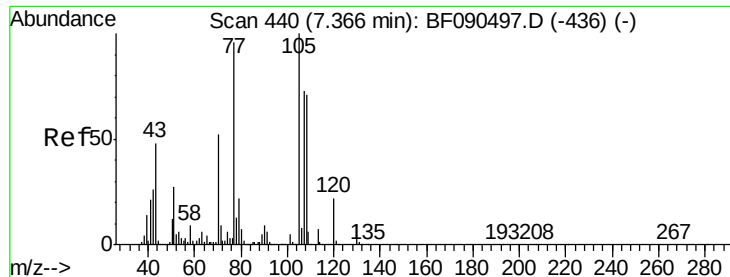
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 5.42 ng

RT: 7.35 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

Tgt Ion: 105 Resp: 100028

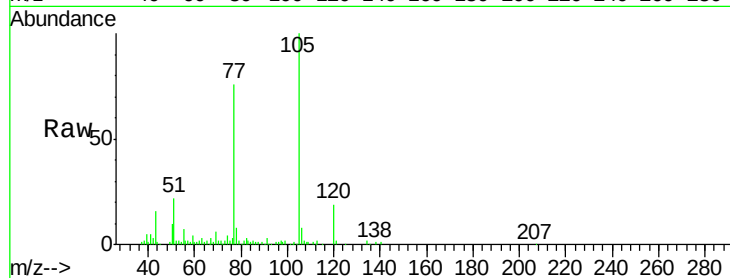
Ion Ratio Lower Upper

105 100

71 1.7 3.8 5.6#

51 22.3 28.2 42.4#

120 19.1 17.4 26.2

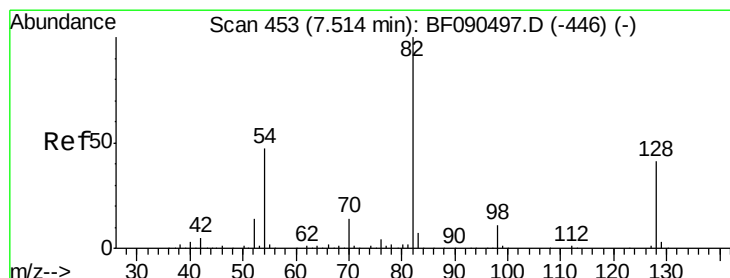
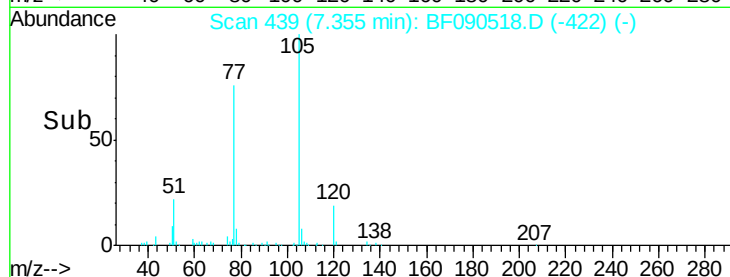
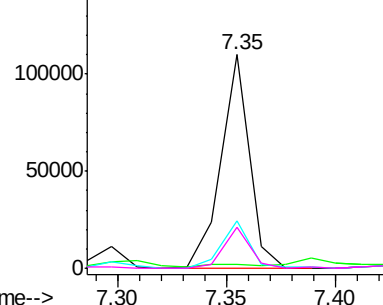


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 81.68 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

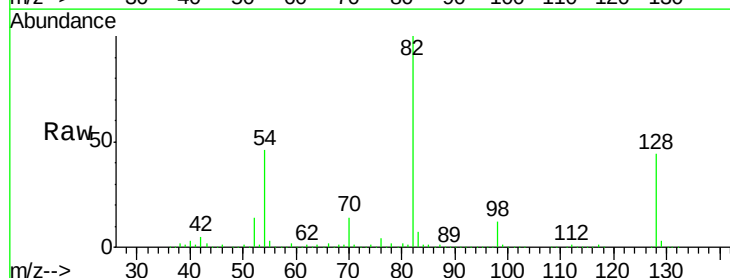
Tgt Ion: 82 Resp: 1261424

Ion Ratio Lower Upper

82 100

128 44.5 40.0 60.0

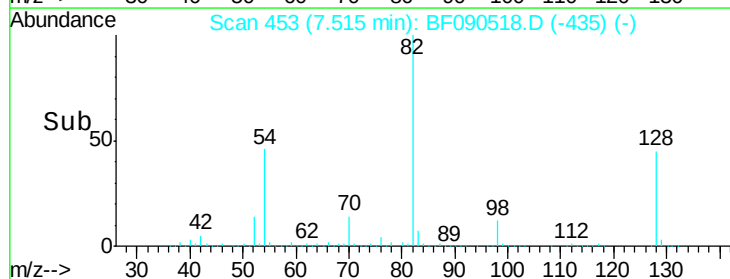
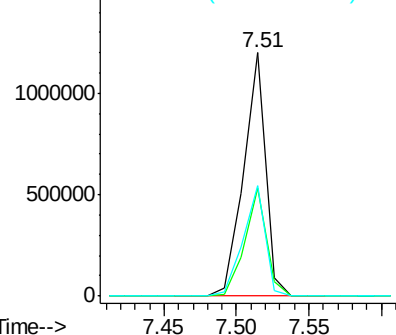
54 45.6 42.6 64.0

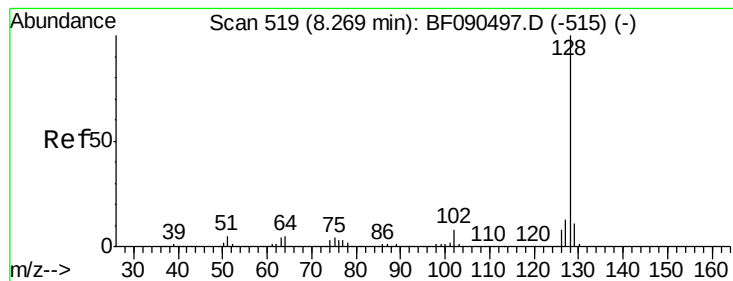


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 7.23 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

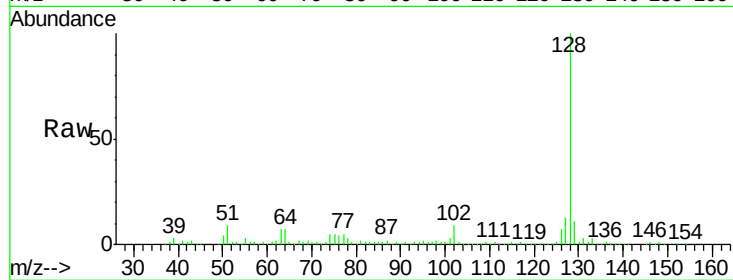
Tgt Ion:128 Resp: 301585

Ion Ratio Lower Upper

128 100

129 11.4 9.7 14.5

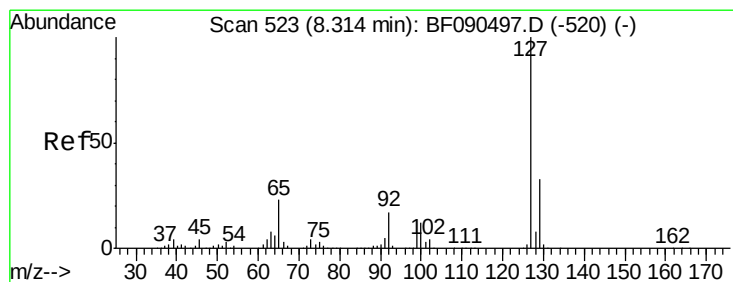
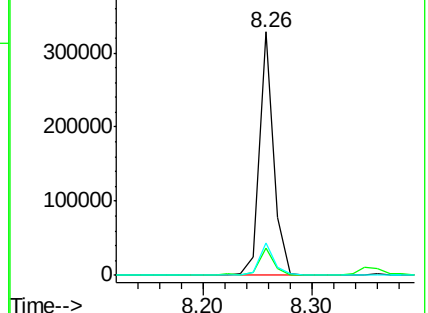
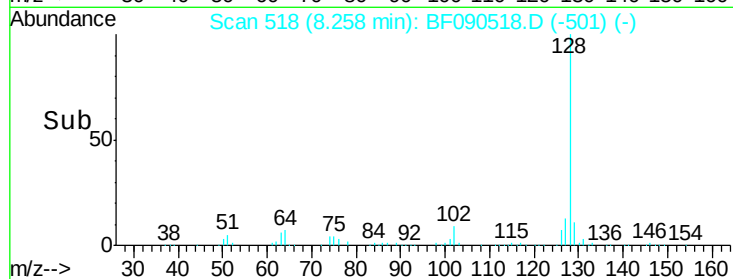
127 13.5 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 2.45 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Tgt Ion:127 Resp: 43289

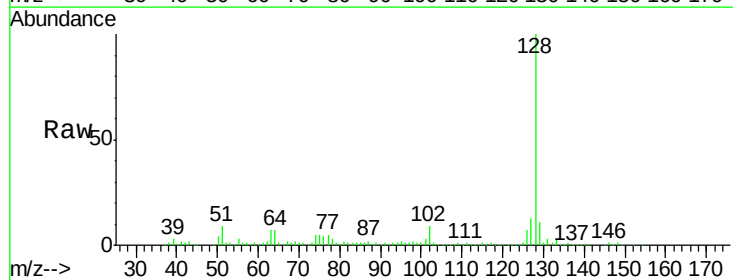
Ion Ratio Lower Upper

127 100

129 84.9 26.2 39.4#

65 5.6 32.5 48.7#

92 1.9 17.2 25.8#

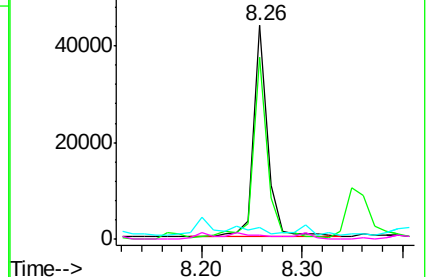
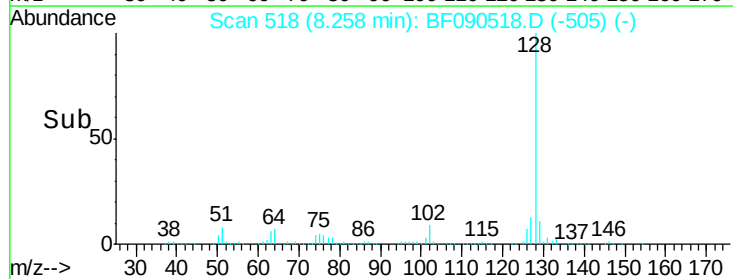


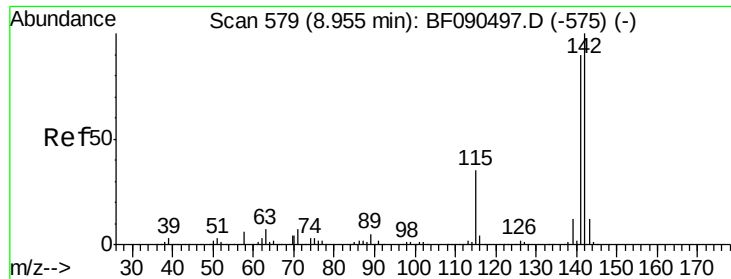
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

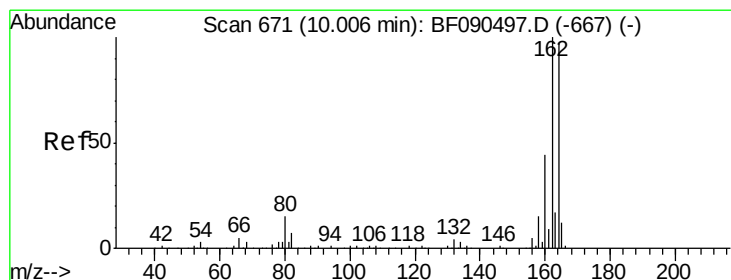
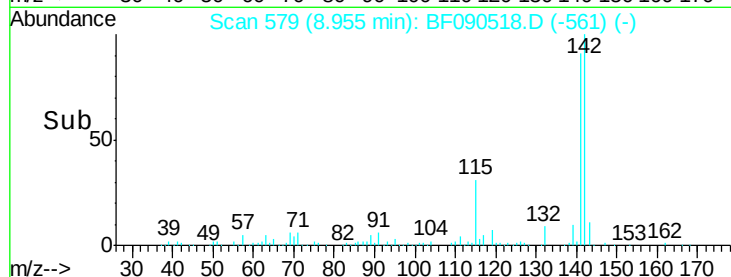
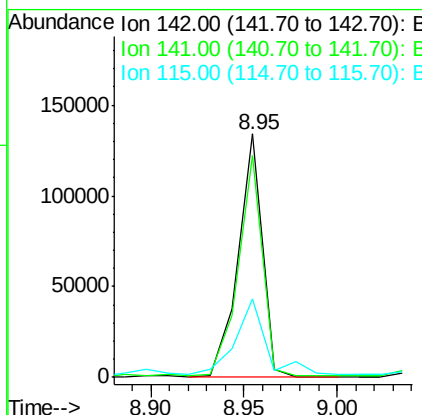
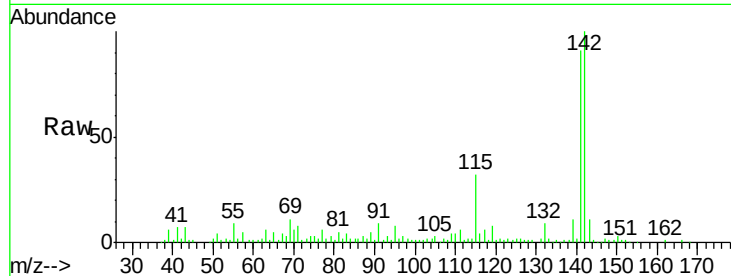




#37
 2-Methylnaphthalene
 Concen: 4.34 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090518.D
 Acq: 11 Oct 2016 22:41

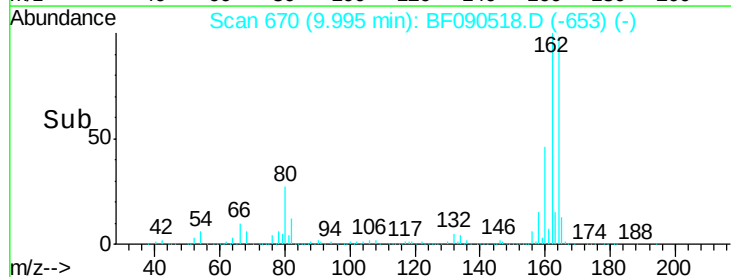
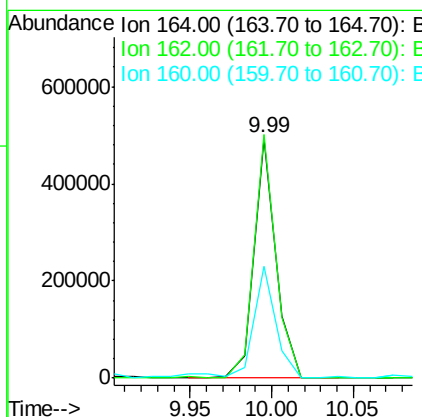
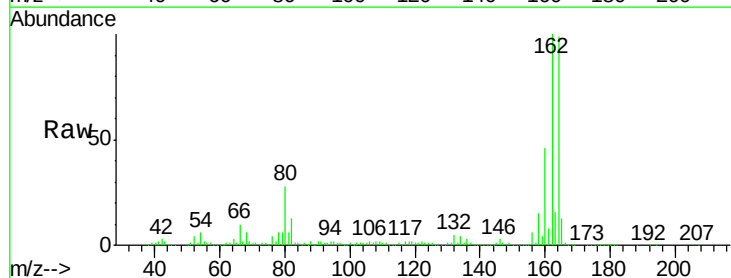
Instrument :
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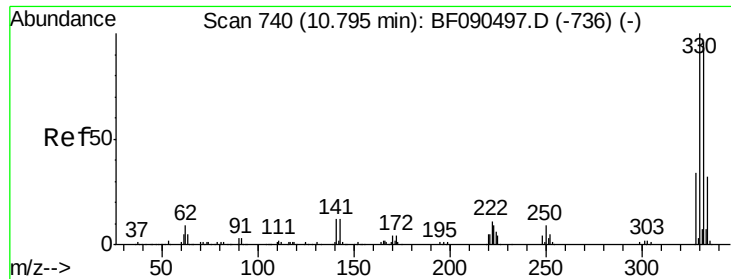
Tgt Ion:142 Resp: 121435
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.8 107.8
 115 32.1 28.8 43.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090518.D
 Acq: 11 Oct 2016 22:41

Tgt Ion:164 Resp: 458911
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.1 120.1
 160 46.5 36.3 54.5

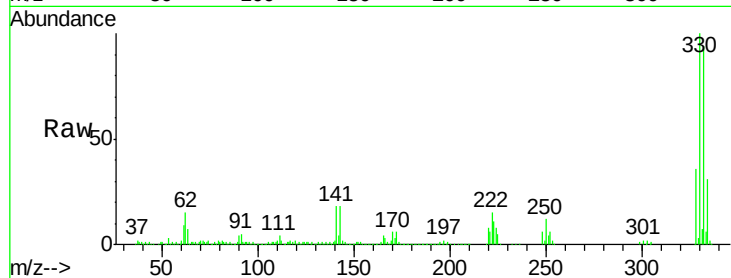




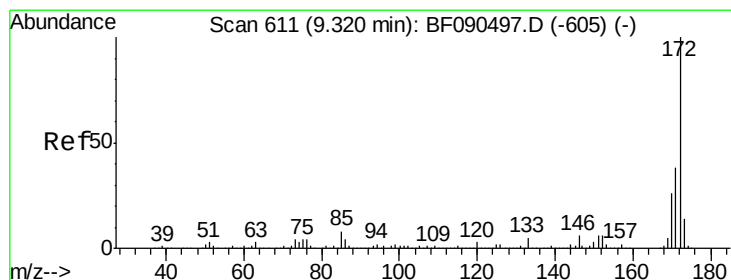
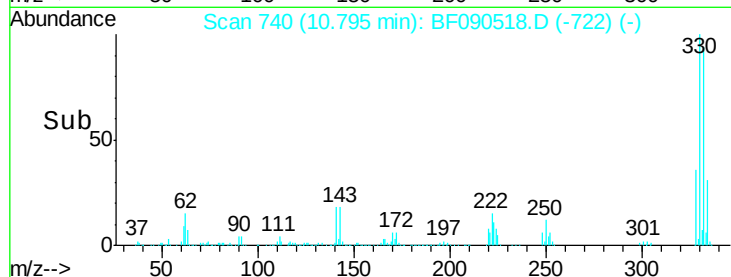
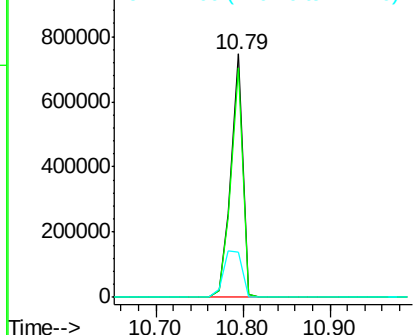
#41
 2,4,6-Tribromophenol
 Concen: 156.76 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090518.D
 Acq: 11 Oct 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 S8-0616

Tgt Ion:330 Resp: 713110
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.4 113.0
 141 29.3 26.9 40.3

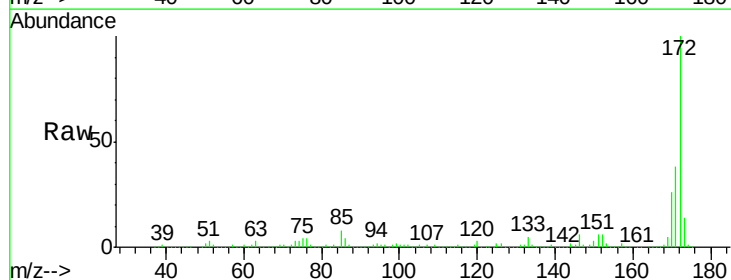


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

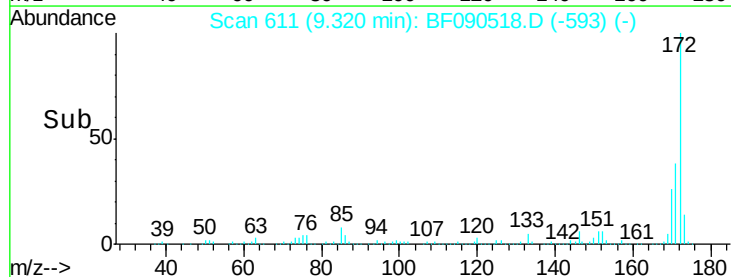
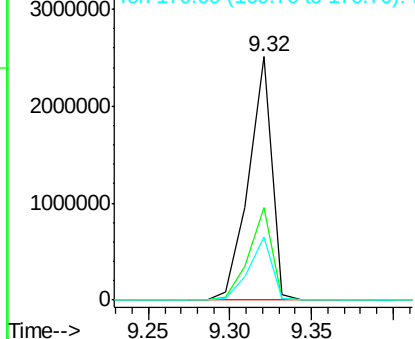


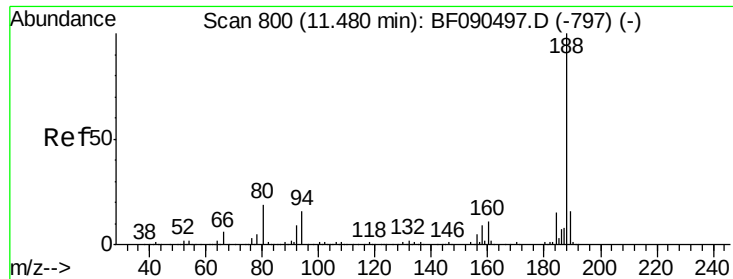
#44
 2-Fluorobiphenyl
 Concen: 90.88 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090518.D
 Acq: 11 Oct 2016 22:41

Tgt Ion:172 Resp: 2481877
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.8 47.8
 170 25.9 21.7 32.5



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

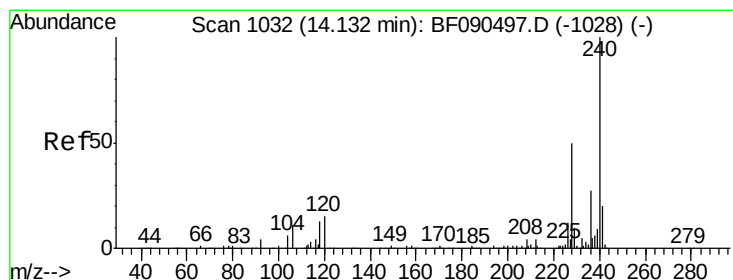
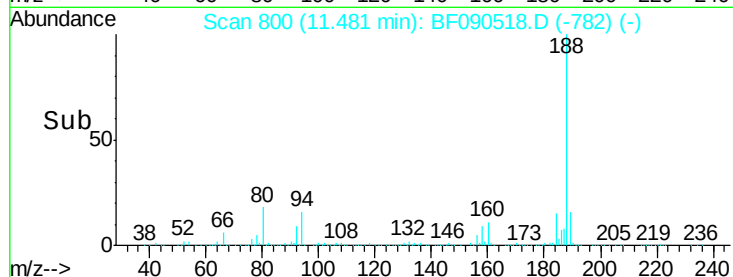
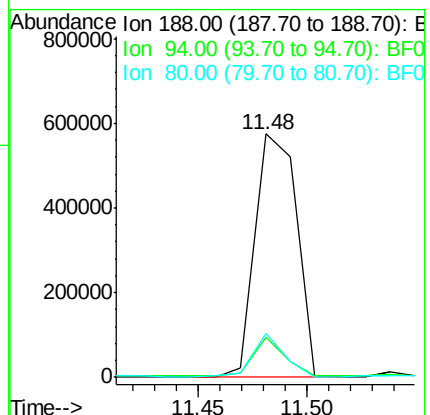
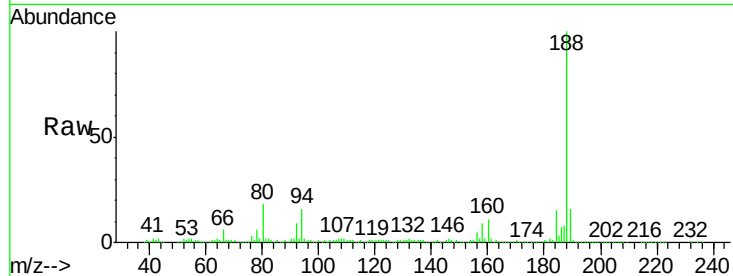




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090518.D
Acq: 11 Oct 2016 22:41

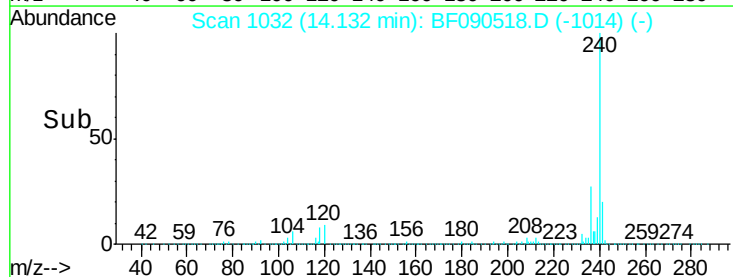
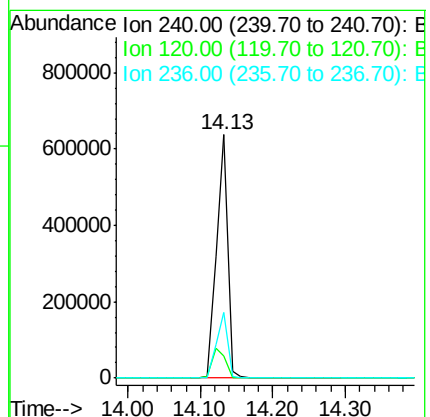
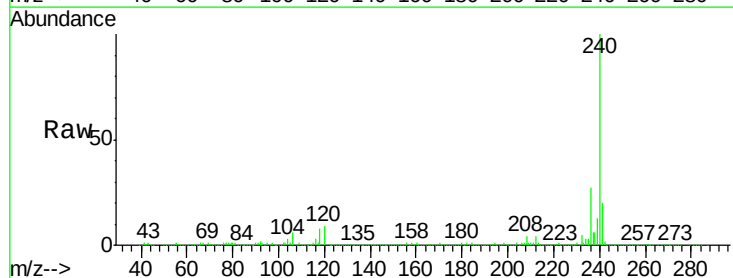
Instrument :
BNA_F
ClientSampleId :
S8-0616

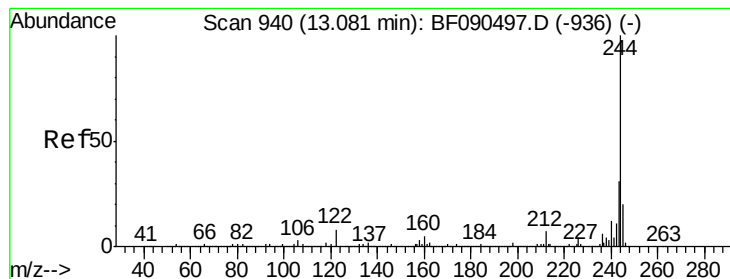
Tgt Ion:188 Resp: 769160
Ion Ratio Lower Upper
188 100
94 16.3 8.2 12.2#
80 18.2 8.8 13.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF090518.D
Acq: 11 Oct 2016 22:41

Tgt Ion:240 Resp: 679098
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 26.8 21.6 32.4





#78

Terphenyl-d14

Concen: 89.33 ng

RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

Instrument :

BNA_F

ClientSampleId :

S8-0616

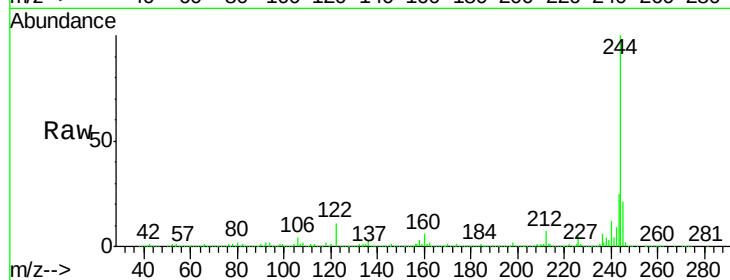
Tgt Ion:244 Resp: 2482380

Ion Ratio Lower Upper

244 100

212 7.3 6.8 10.2

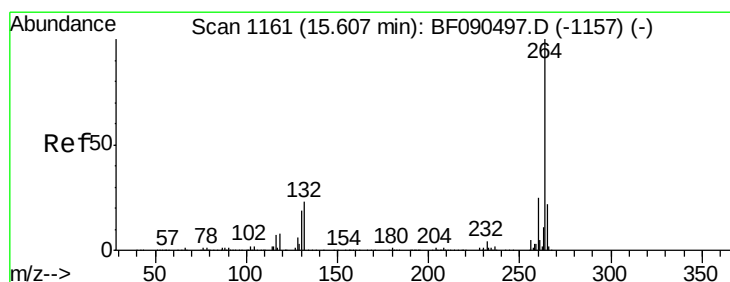
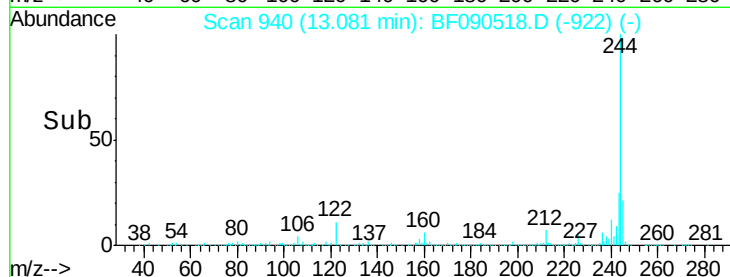
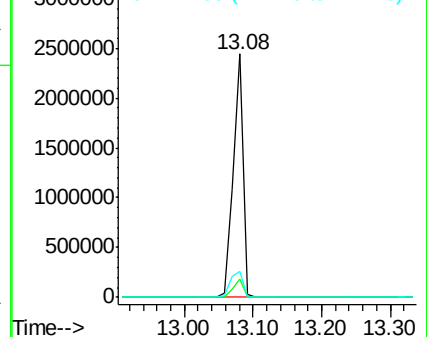
122 10.7 13.3 19.9#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.61 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF090518.D

Acq: 11 Oct 2016 22:41

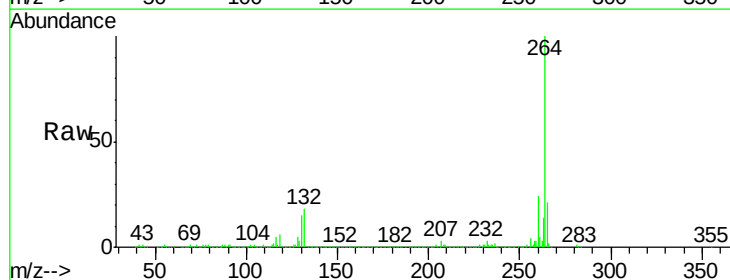
Tgt Ion:264 Resp: 454979

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 21.2 17.4 26.0



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

