

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075599.D
 Acq On : 17 Nov 2014 00:25
 Operator : TP / JJ
 Sample : F4738-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Quant Time: Nov 17 06:09:42 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

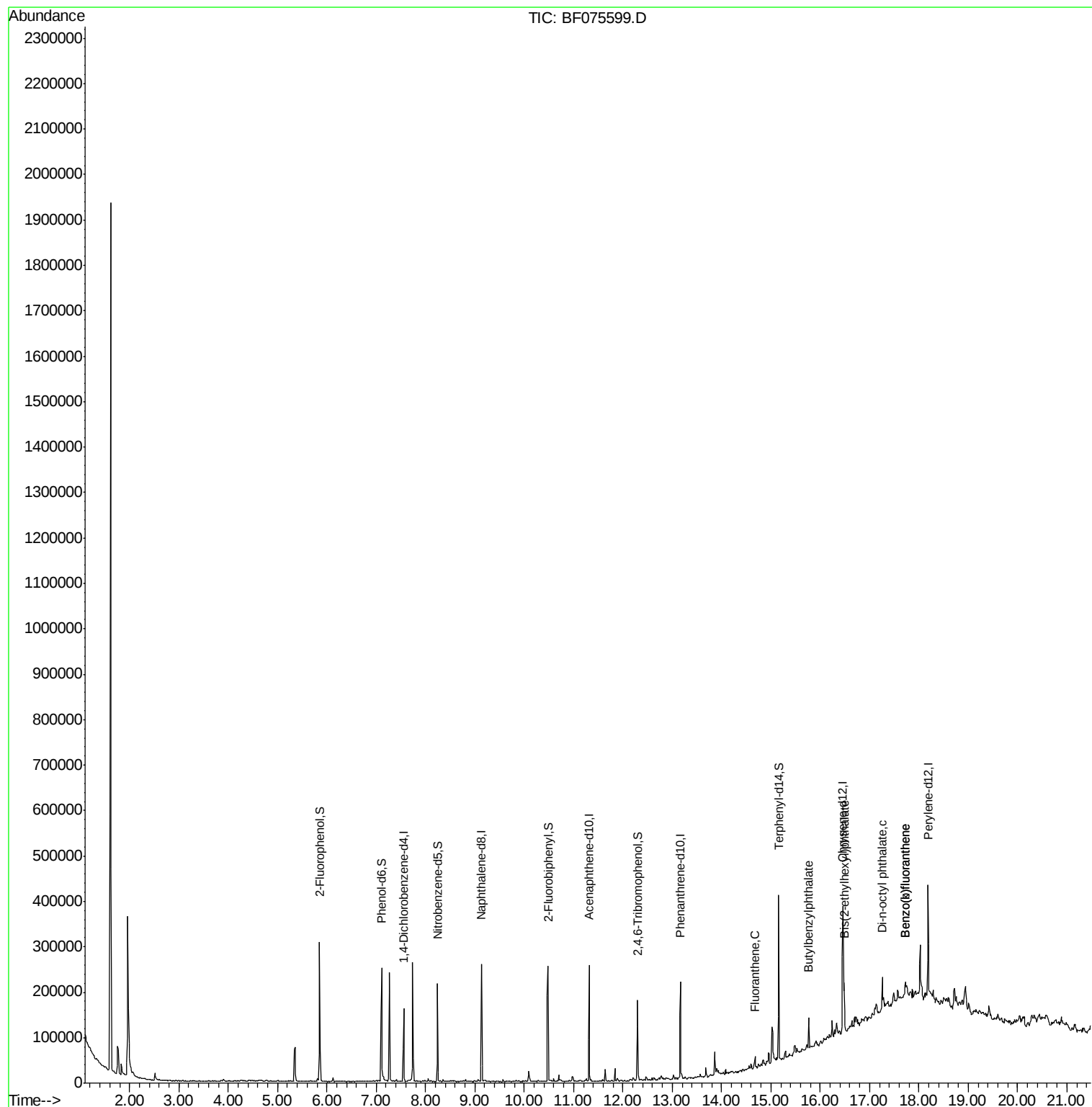
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	27018	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	115479	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	61739	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	104420	20.00	ng	0.00
75) Chrysene-d12	16.46	240	115049	20.00	ng	-0.01
86) Perylene-d12	18.19	264	113548	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	87165	56.99	ng	0.00
7) Phenol-d6	7.11	99	105237	57.22	ng	0.00
23) Nitrobenzene-d5	8.24	82	61995	39.36	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	26898	52.02	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	117012	34.25	ng	0.00
78) Terphenyl-d14	15.16	244	118681	27.77	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	14.68	202	12928	2.20	ng	89
79) Butylbenzylphthalate	15.76	149	20487	5.45	ng	# 81
83) Bis(2-ethylhexyl)phthalate	16.48	149	43260	7.31	ng	98
84) Di-n-octyl phthalate	17.26	149	53702	5.16	ng	# 93
87) Benzo(b)fluoranthene	17.73	252	17271	2.84	ng	# 71
88) Benzo(k)fluoranthene	17.73	252	17718	3.25	ng	# 72

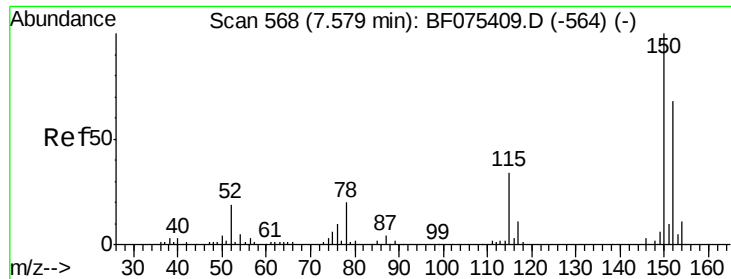
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Instrument :

BNA_F

ClientSampleId :

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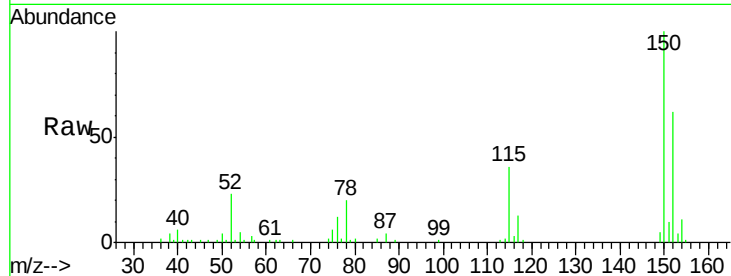
Tgt Ion:152 Resp: 27018

Ion Ratio Lower Upper

152 100

150 161.0 127.2 190.8

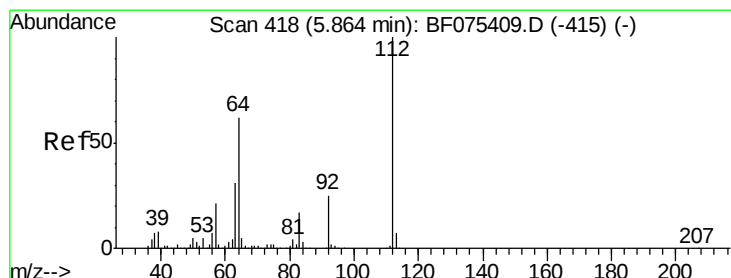
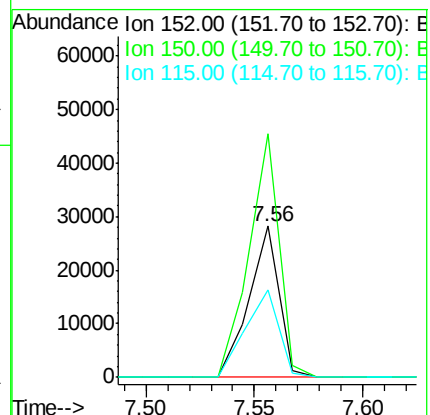
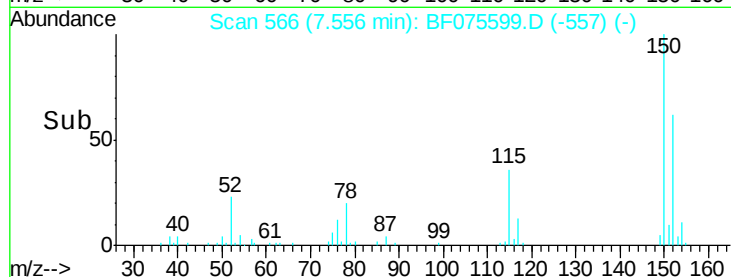
115 57.6 57.1 85.7



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: 56.99 ng

RT: 5.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

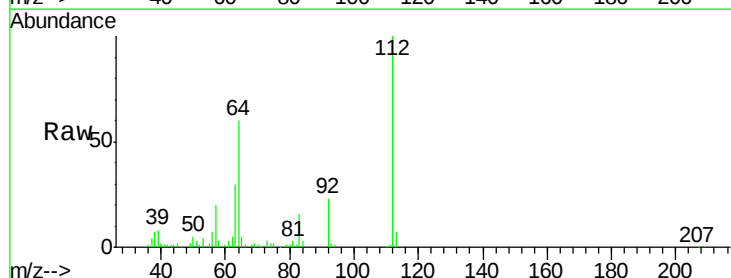
Tgt Ion:112 Resp: 87165

Ion Ratio Lower Upper

112 100

64 59.6 45.8 68.6

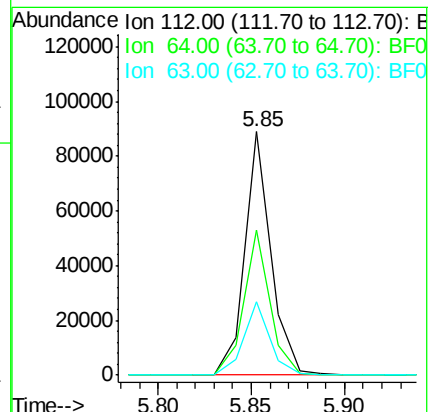
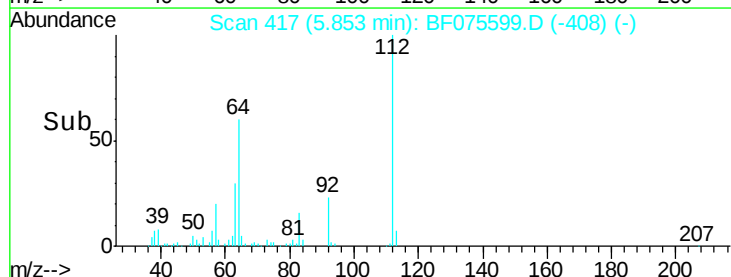
63 30.2 22.7 34.1

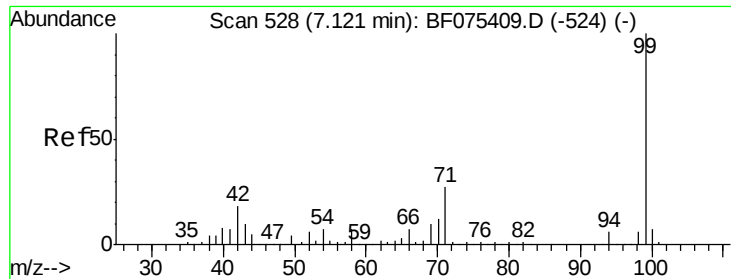


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 57.22 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Instrument :

BNA_F

ClientSampleId :

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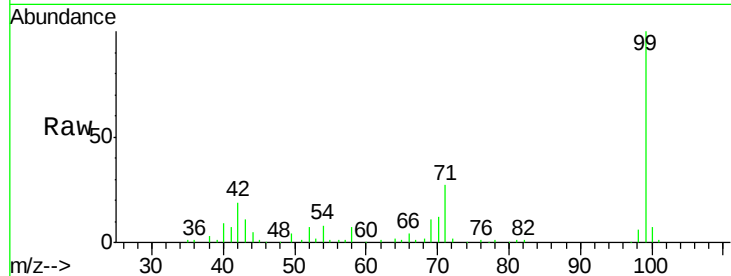
Tgt Ion: 99 Resp: 105237

Ion Ratio Lower Upper

99 100

42 19.1 19.8 29.6#

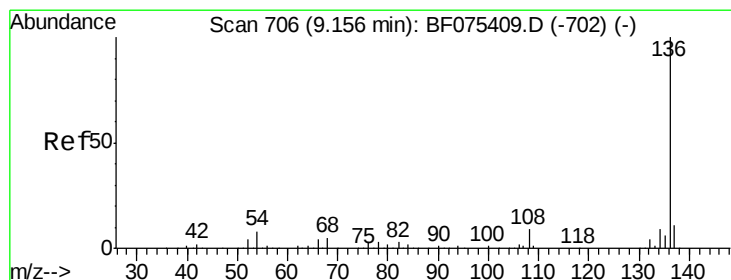
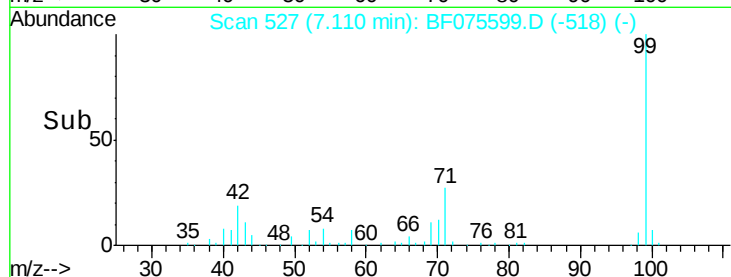
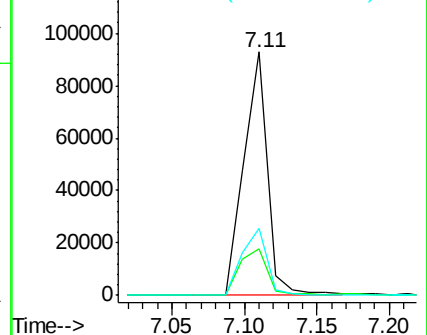
71 27.5 25.5 38.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Tgt Ion: 136 Resp: 115479

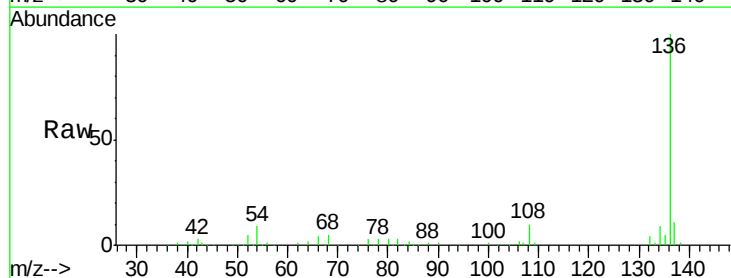
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 9.0 6.2 9.4

68 4.5 3.4 5.2

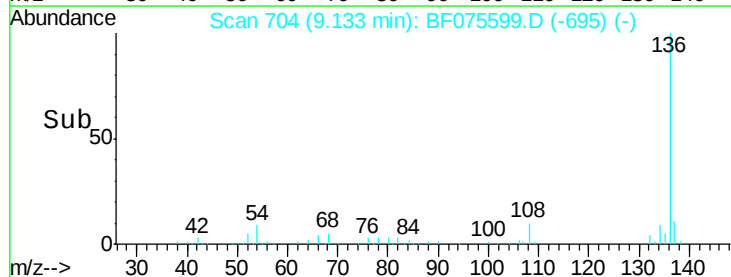
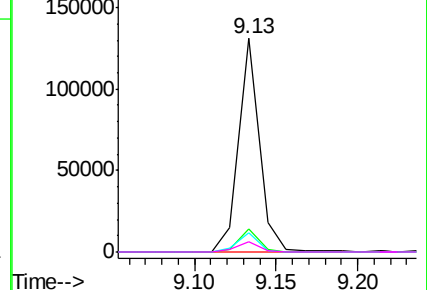


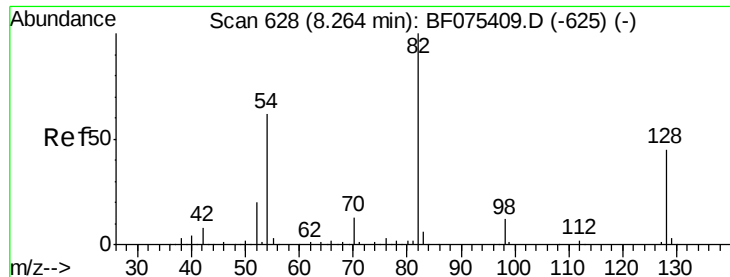
Abundance Ion 136.00 (135.70 to 136.70): E

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

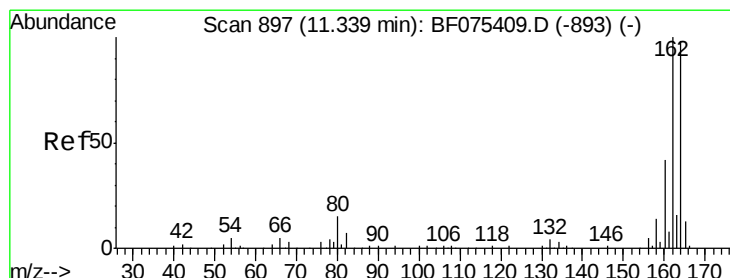
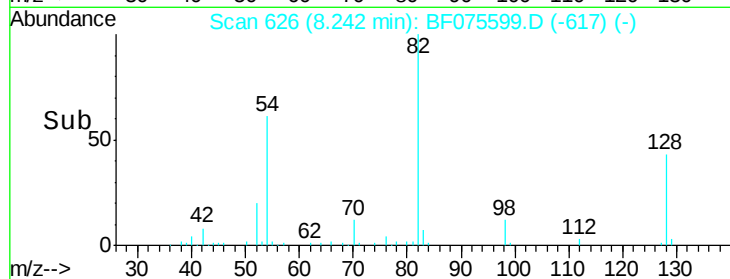
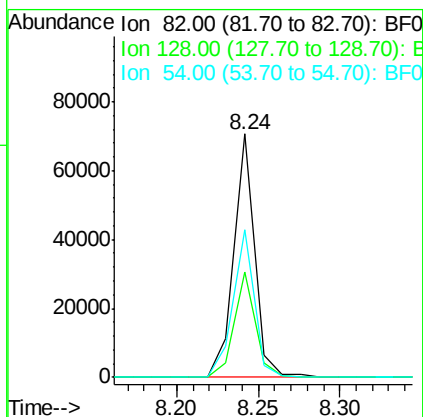
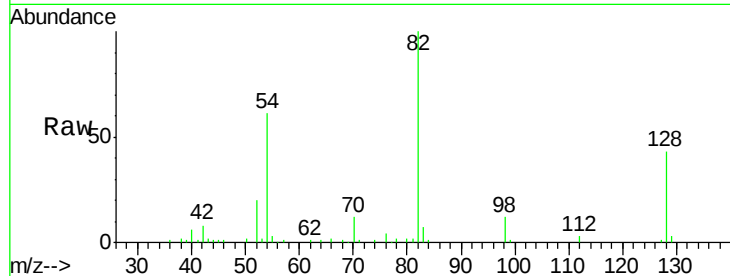




#23
 Nitrobenzene-d5
 Concen: 39.36 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

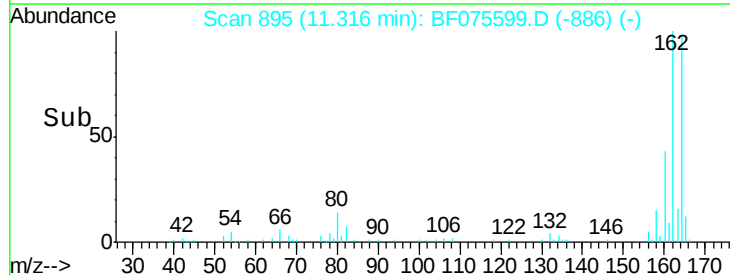
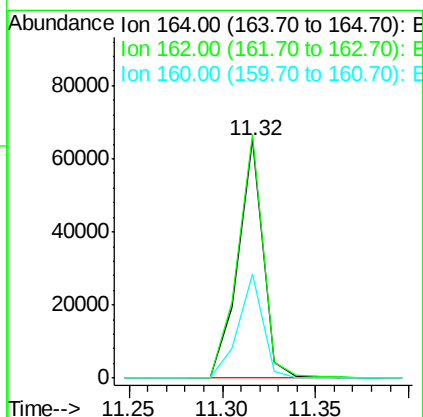
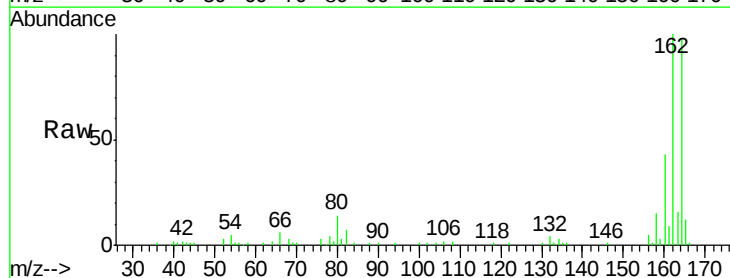
Instrument :
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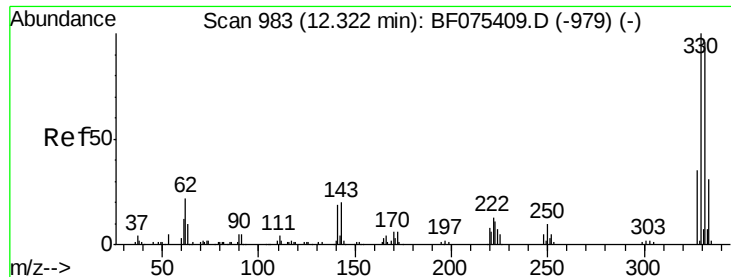
Tgt Ion: 82 Resp: 61995
 Ion Ratio Lower Upper
 82 100
 128 43.0 37.8 56.6
 54 60.8 49.8 74.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Tgt Ion: 164 Resp: 61739
 Ion Ratio Lower Upper
 164 100
 162 102.1 79.1 118.7
 160 43.8 34.6 51.8

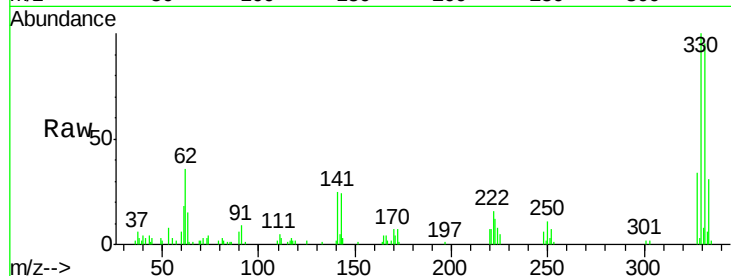




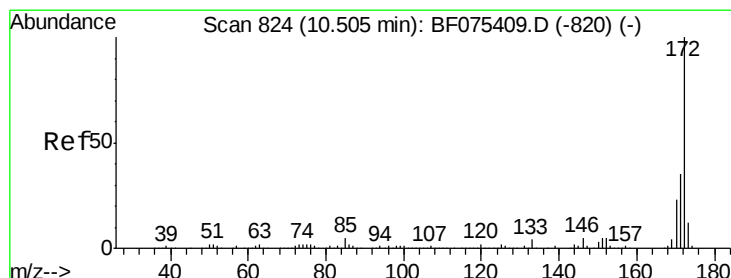
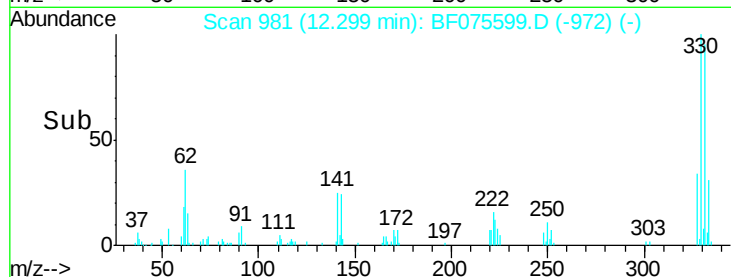
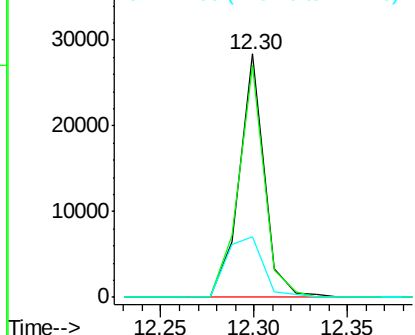
#41
 2,4,6-Tribromophenol
 Concen: 52.02 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Instrument :
 BNA_F
 ClientSampleId :
 S-4

Tgt Ion:330 Resp: 26898
 Ion Ratio Lower Upper
 330 100
 332 97.1 74.5 111.7
 141 36.3 30.7 46.1

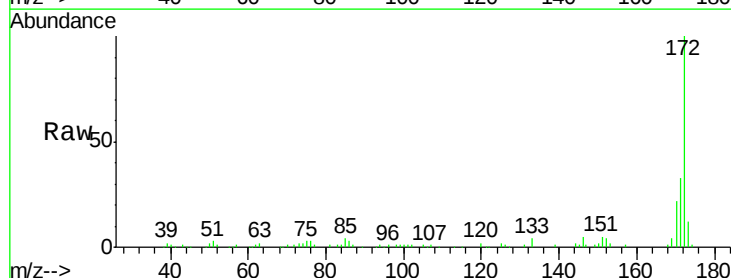


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

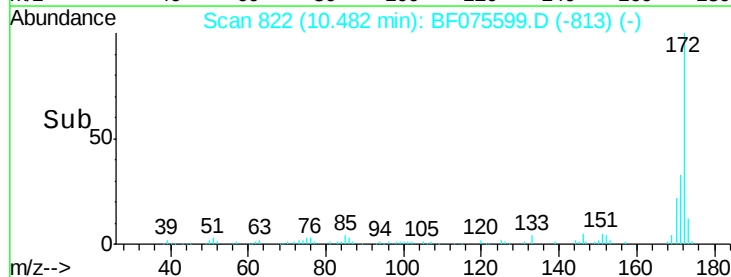
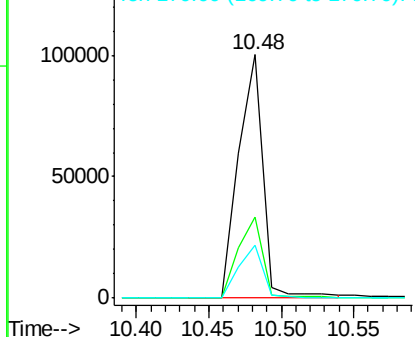


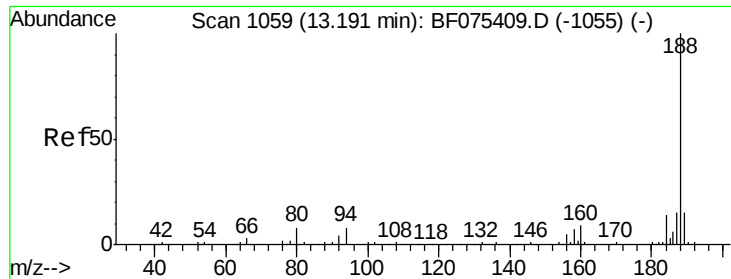
#44
 2-Fluorobiphenyl
 Concen: 34.25 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Tgt Ion:172 Resp: 117012
 Ion Ratio Lower Upper
 172 100
 171 33.3 27.3 40.9
 170 21.6 18.4 27.6



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

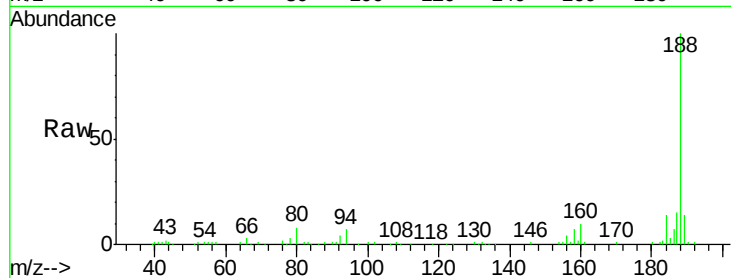




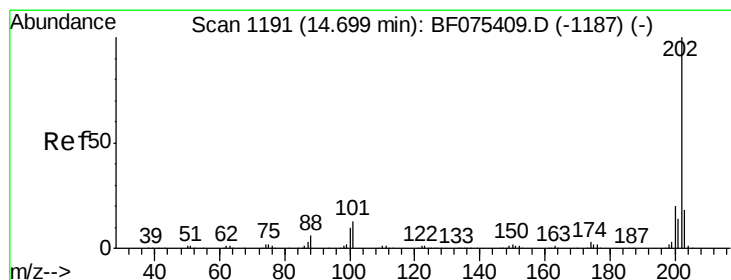
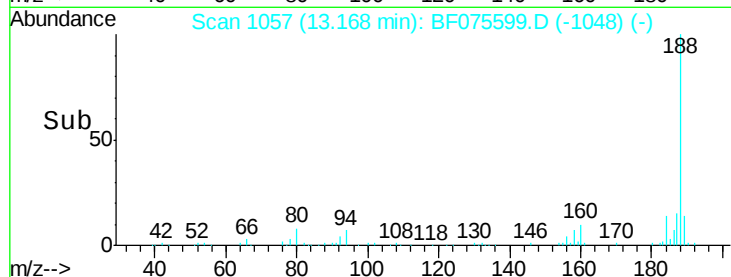
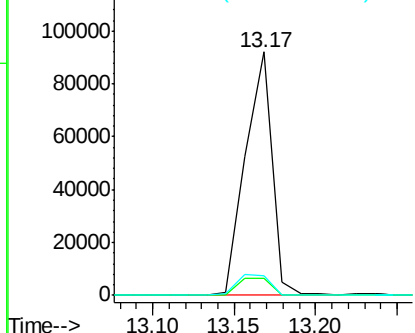
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

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ClientSampleId :
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Tgt Ion:188 Resp: 104420
Ion Ratio Lower Upper
188 100
94 7.1 7.8 11.6#
80 8.1 8.0 12.0

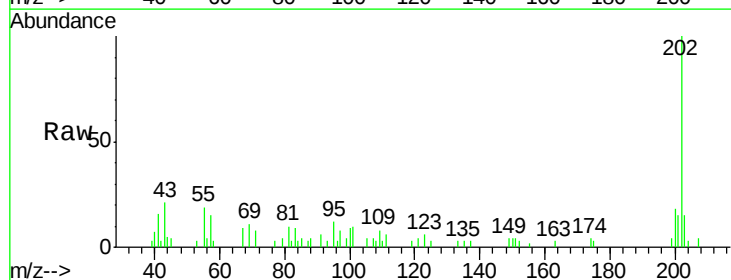


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

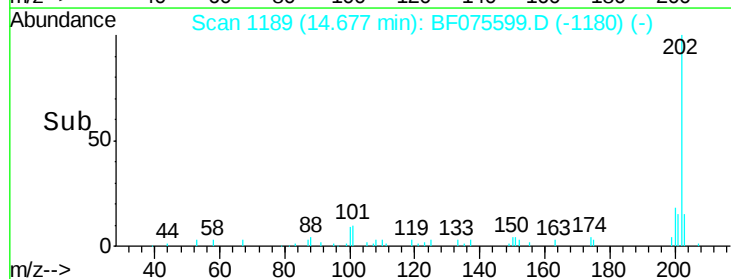
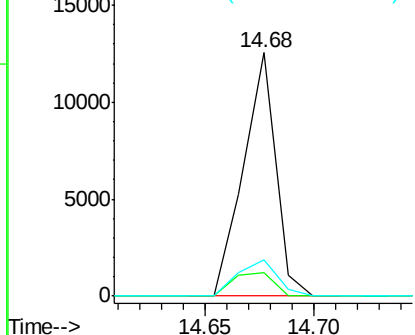


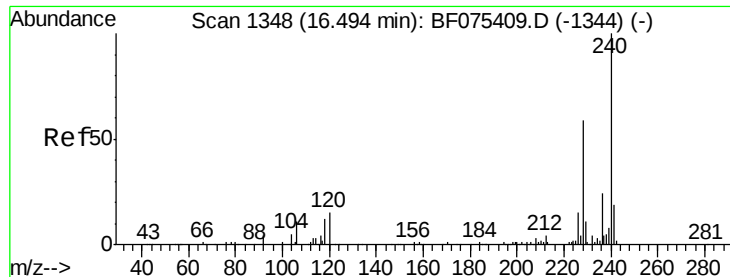
#74
Fluoranthene
Concen: 2.20 ng
RT: 14.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

Tgt Ion:202 Resp: 12928
Ion Ratio Lower Upper
202 100
101 9.8 0.0 36.6
203 15.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Instrument :

BNA_F

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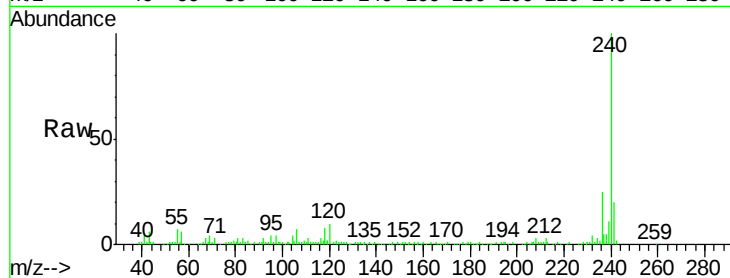
Tgt Ion:240 Resp: 115049

Ion Ratio Lower Upper

240 100

120 10.1 9.6 14.4

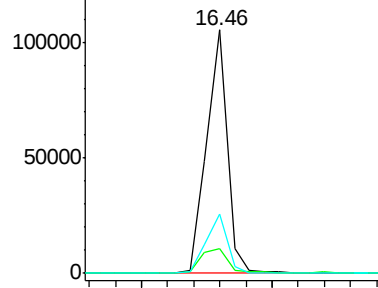
236 24.5 18.9 28.3



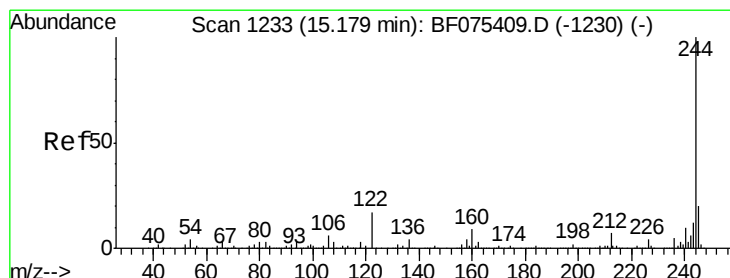
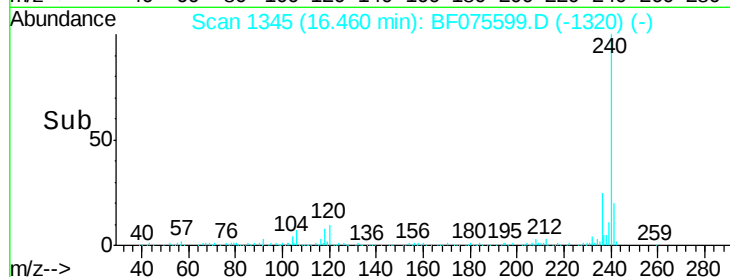
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 27.77 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

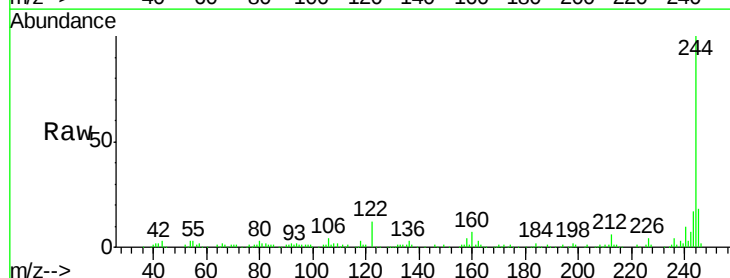
Tgt Ion:244 Resp: 118681

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

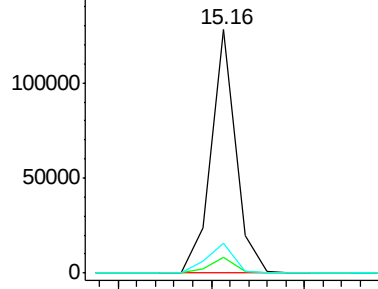
122 12.4 9.7 14.5



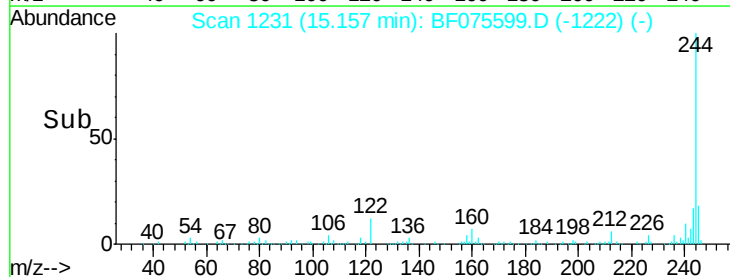
Abundance Ion 244.00 (243.70 to 244.70): E

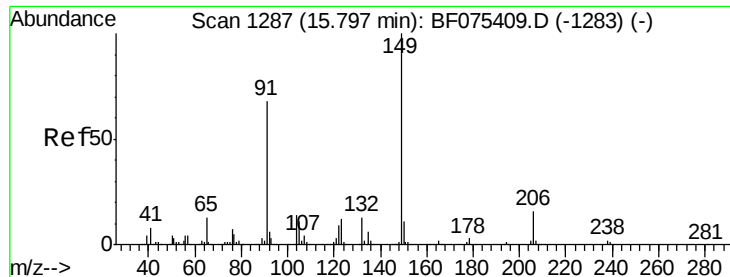
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

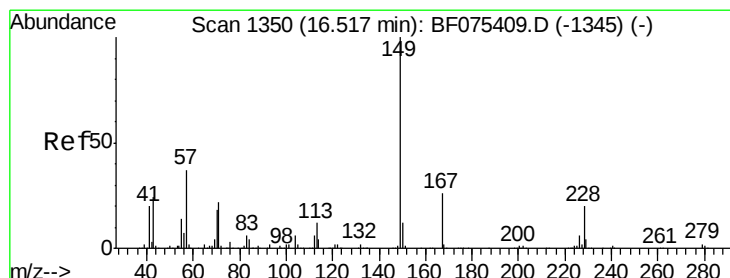
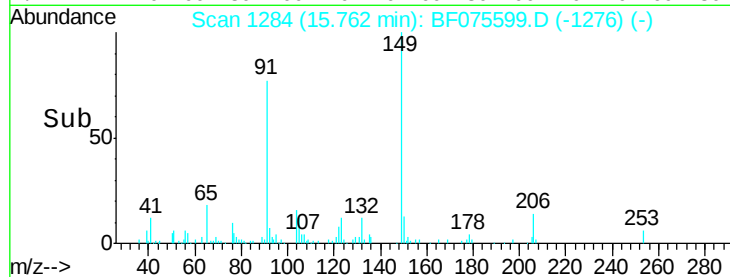
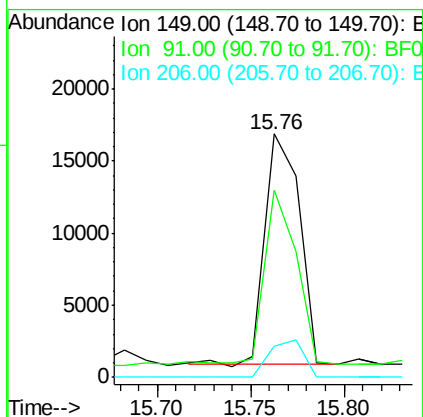
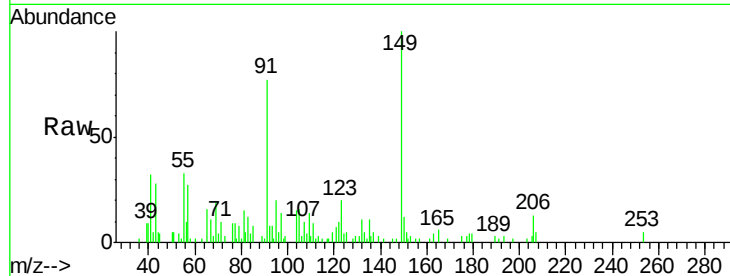




#79
 Butylbenzylphthalate
 Concen: 5.45 ng
 RT: 15.76 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

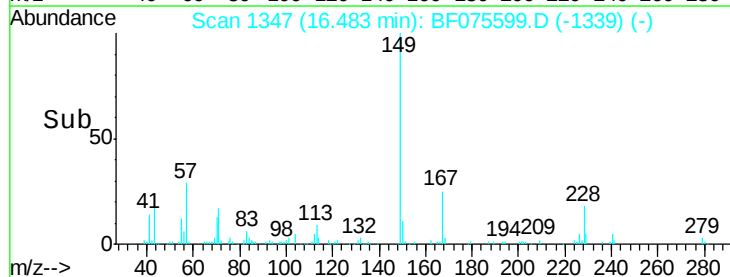
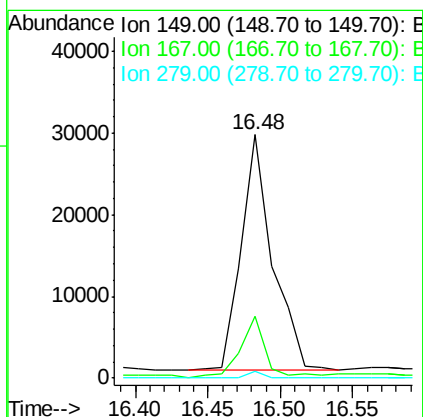
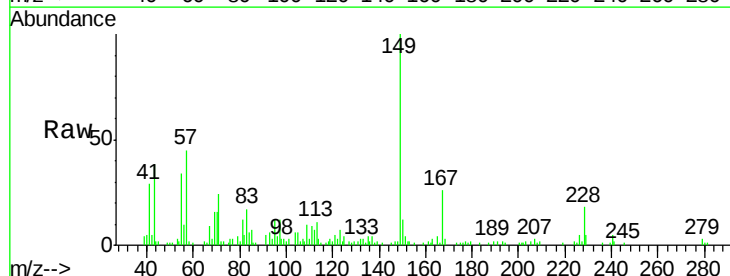
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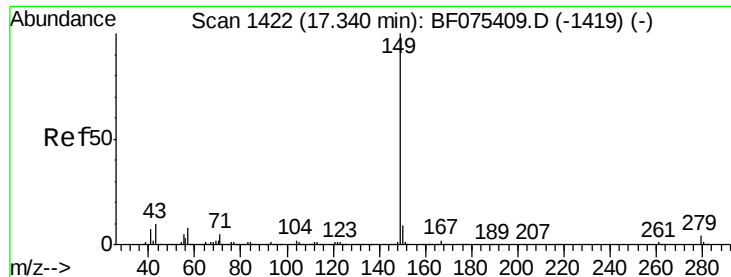
Tgt Ion:149 Resp: 20487
 Ion Ratio Lower Upper
 149 100
 91 76.8 49.0 73.4#
 206 12.7 15.5 23.3#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 7.31 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF075599.D
 Acq: 17 Nov 2014 00:25

Tgt Ion:149 Resp: 43260
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.4 32.2
 279 3.0 2.8 4.2





#84

Di-n-octyl phthalate

Concen: 5.16 ng

RT: 17.26 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

Instrument :

BNA_F

ClientSampled :

S-4

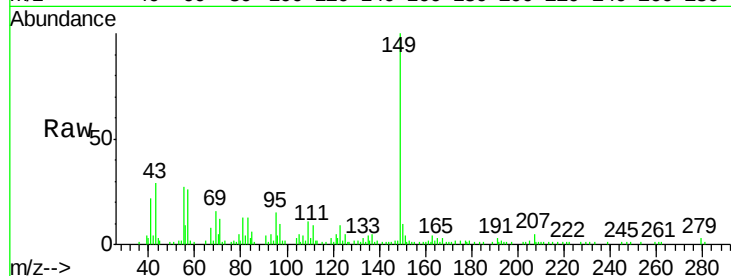
Tgt Ion:149 Resp: 53702

Ion Ratio Lower Upper

149 100

167 3.4 1.1 1.7#

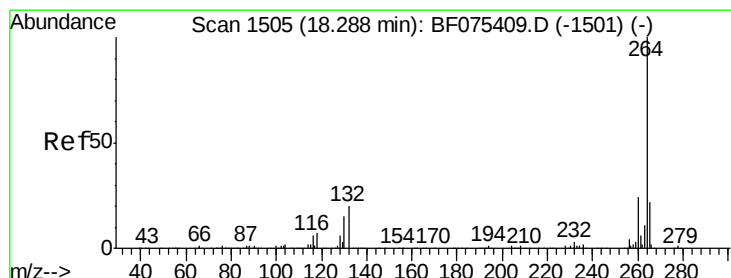
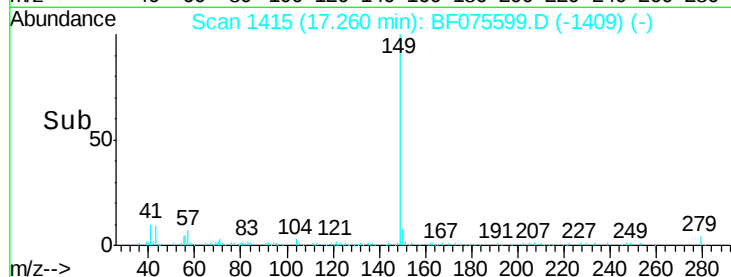
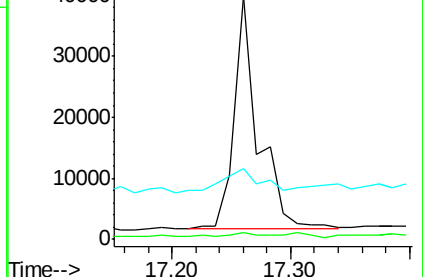
43 16.7 11.0 16.4#



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: 18.19 min Scan# 1496

Delta R.T. -0.06 min

Lab File: BF075599.D

Acq: 17 Nov 2014 00:25

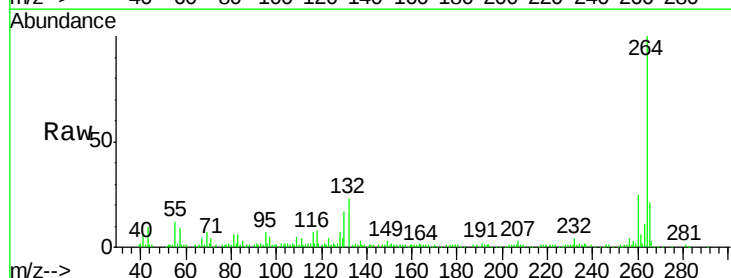
Tgt Ion:264 Resp: 113548

Ion Ratio Lower Upper

264 100

260 24.7 17.9 26.9

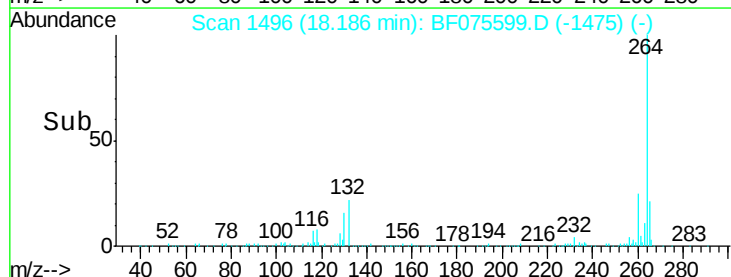
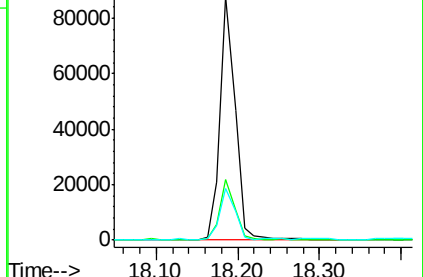
265 21.4 16.3 24.5

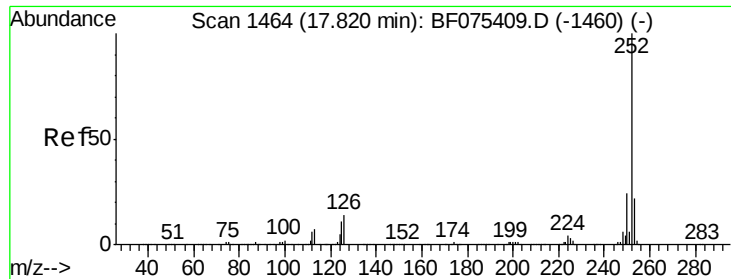


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

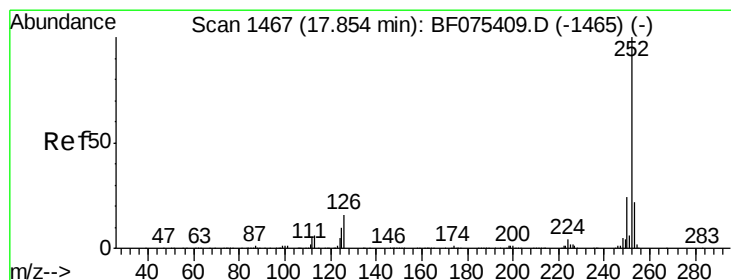
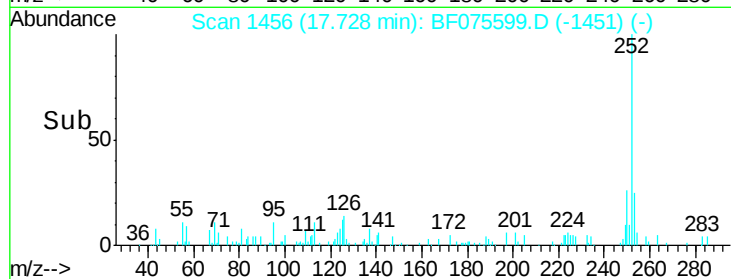
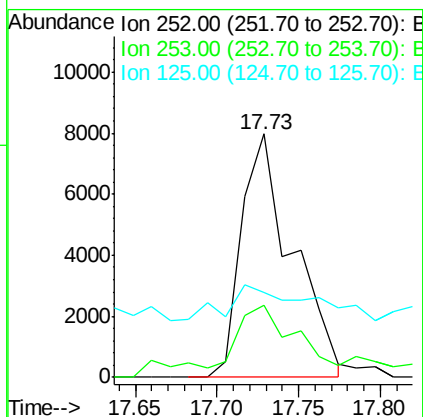
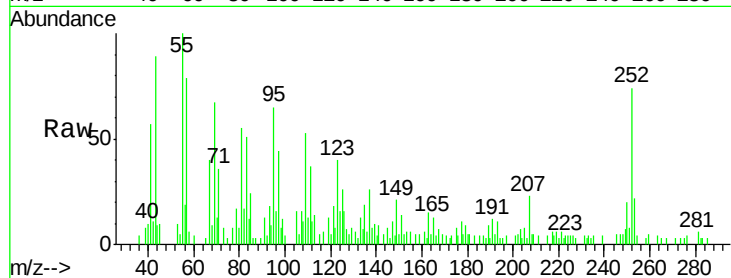




#87
Benzo(b)fluoranthene
Concen: 2.84 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.05 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

Instrument :
BNA_F
ClientSampled :
S-4

Tgt Ion:252 Resp: 17271
Ion Ratio Lower Upper
252 100
253 29.4 17.7 26.5#
125 35.1 11.8 17.6#



#88
Benzo(k)fluoranthene
Concen: 3.25 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.08 min
Lab File: BF075599.D
Acq: 17 Nov 2014 00:25

Tgt Ion:252 Resp: 17718
Ion Ratio Lower Upper
252 100
253 29.4 18.1 27.1#
125 35.1 11.6 17.4#

