

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112014\
 Data File : BF075727.D
 Acq On : 21 Nov 2014 1:17
 Operator : TP / JJ
 Sample : F4761-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-MISCBBE001-111214-001

Quant Time: Nov 21 04:53:26 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

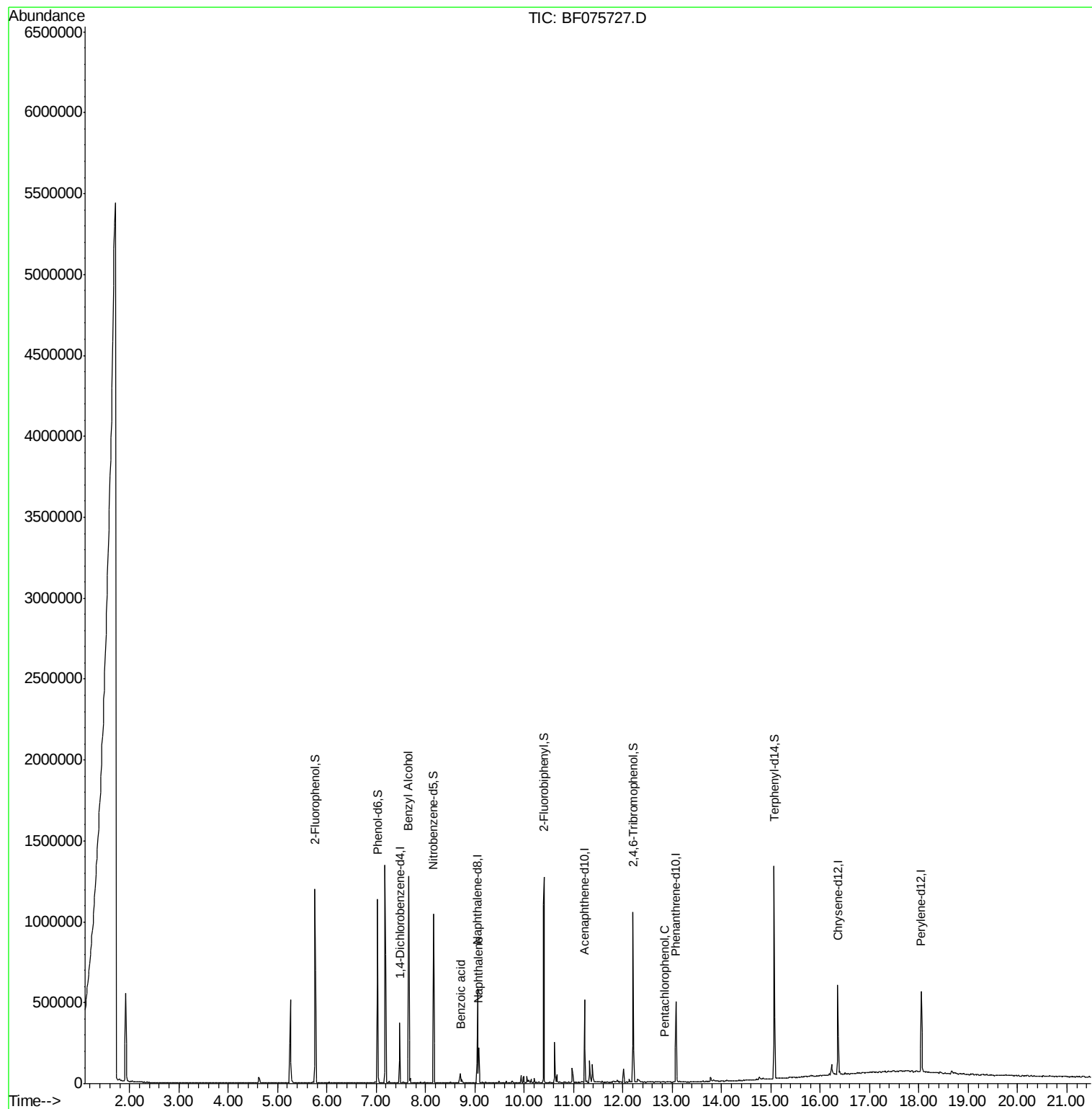
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	61431	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	260973	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	123967	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	204180	20.00	ng	-0.01
75) Chrysene-d12	16.36	240	215267	20.00	ng	-0.03
86) Perylene-d12	18.05	264	222733	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	417977	105.71	ng	-0.02
7) Phenol-d6	7.03	99	465311	96.76	ng	-0.01
23) Nitrobenzene-d5	8.16	82	316964	74.55	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	123294	121.99	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	590639	74.59	ng	-0.01
78) Terphenyl-d14	15.07	244	452998	52.64	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.66	79	10371	3.02	ng	# 63
31) Naphthalene	9.08	128	97046	7.28	ng	99
32) Benzoic acid	8.71	122	23314	10.20	ng	86
69) Pentachlorophenol	12.84	266	512	5.18	ng	# 82

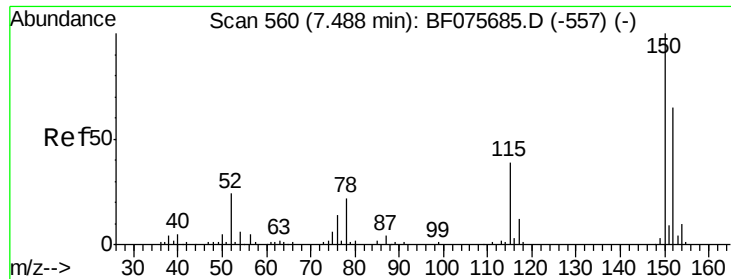
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075727.D

Acq: 21 Nov 2014 1:17

Instrument :

BNA_F

ClientSampleId :

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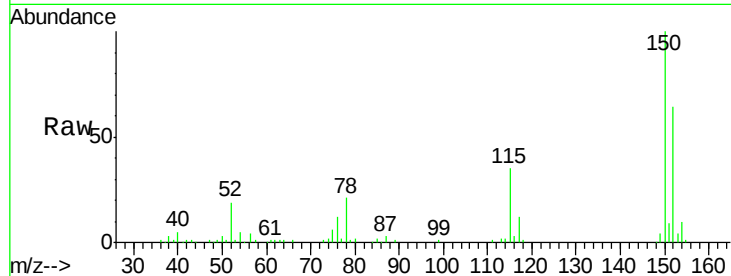
Tgt Ion:152 Resp: 61431

Ion Ratio Lower Upper

152 100

150 157.3 127.2 190.8

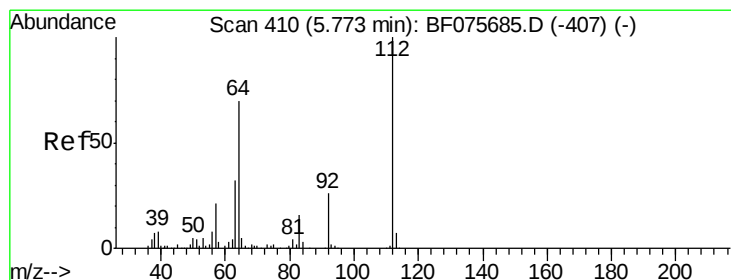
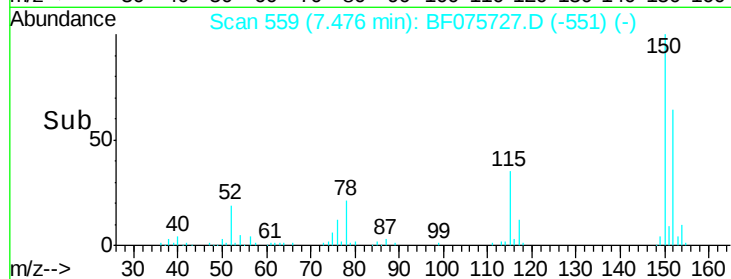
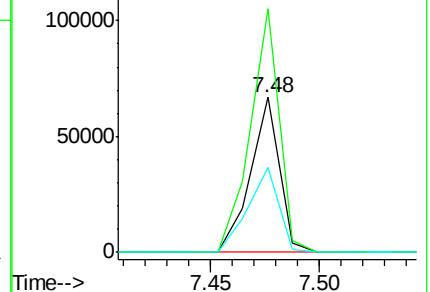
115 55.0 57.1 85.7#



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: 105.71 ng

RT: 5.76 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF075727.D

Acq: 21 Nov 2014 1:17

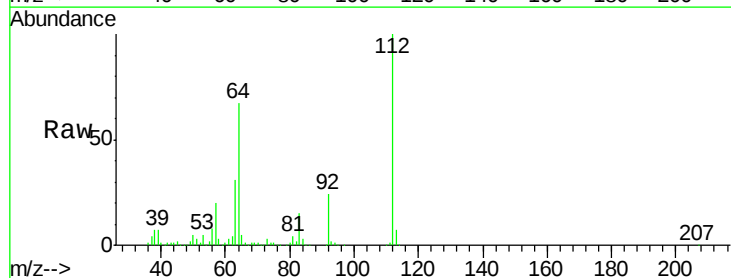
Tgt Ion:112 Resp: 417977

Ion Ratio Lower Upper

112 100

64 66.9 45.8 68.6

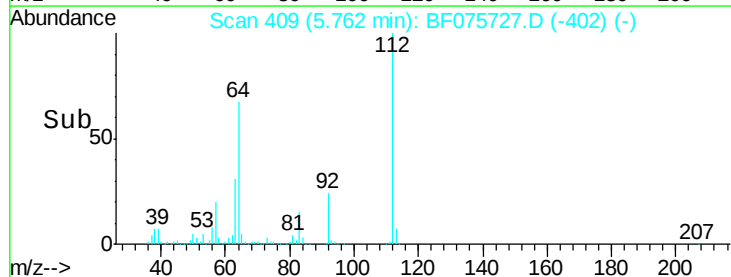
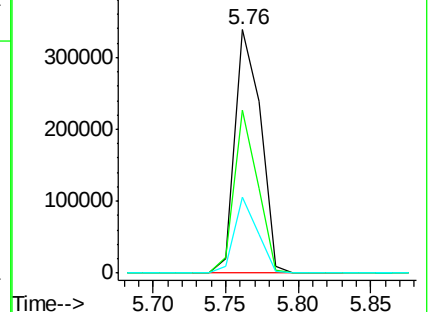
63 31.4 22.7 34.1

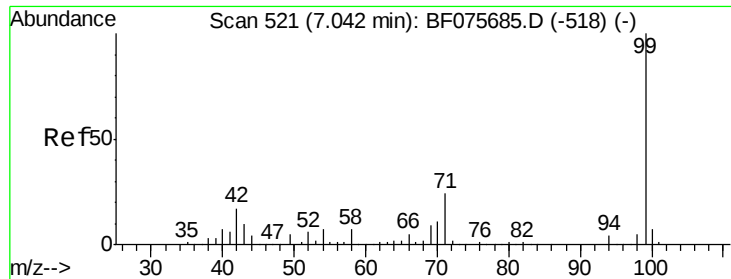


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.76 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075727.D

Acq: 21 Nov 2014 1:17

Instrument :

BNA_F

ClientSampleId :

P001-MISCBBE001-111214-001

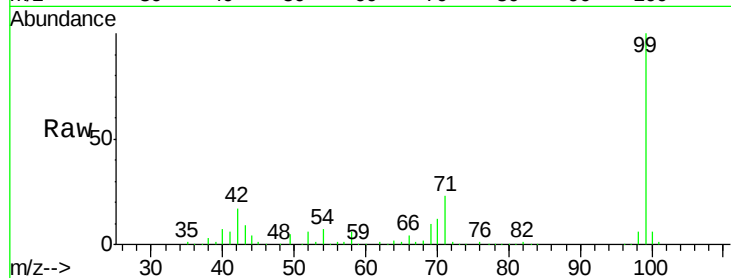
Tgt Ion: 99 Resp: 465311

Ion Ratio Lower Upper

99 100

42 17.2 19.8 29.6#

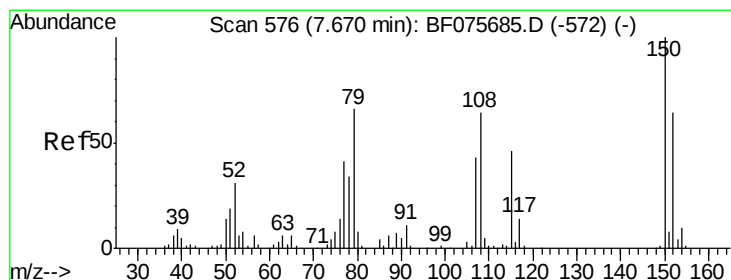
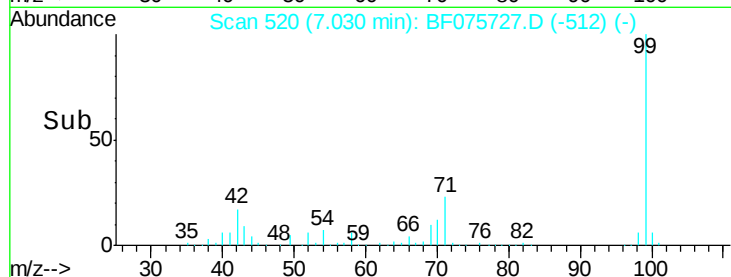
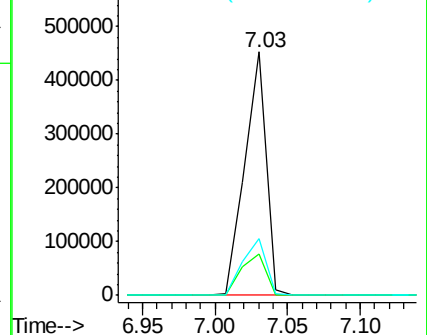
71 23.3 25.5 38.3#



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



#15

Benzyl Alcohol

Concen: 3.02 ng

RT: 7.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF075727.D

Acq: 21 Nov 2014 1:17

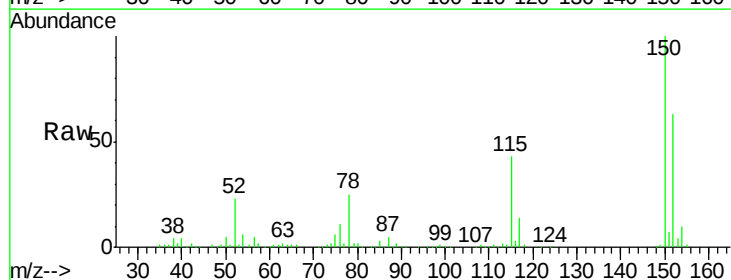
Tgt Ion: 79 Resp: 10371

Ion Ratio Lower Upper

79 100

108 56.9 75.5 113.3#

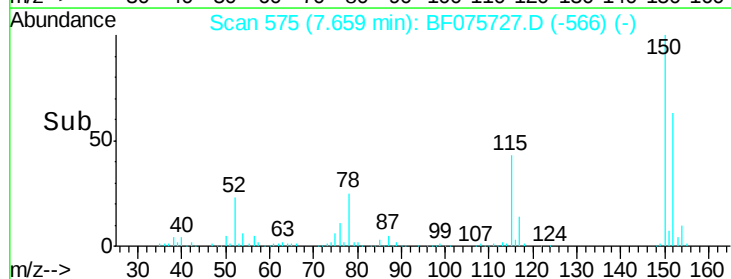
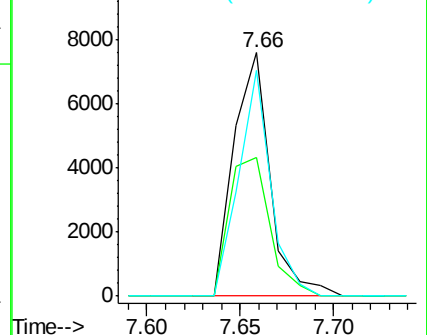
77 92.5 52.1 78.1#

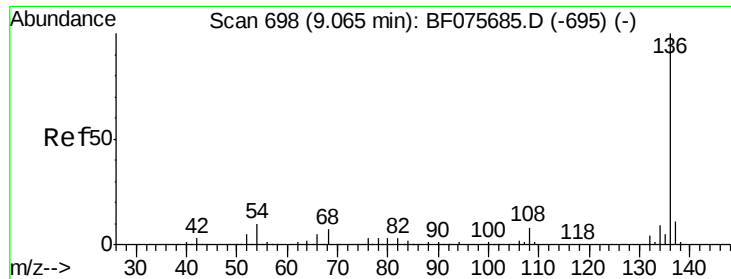


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

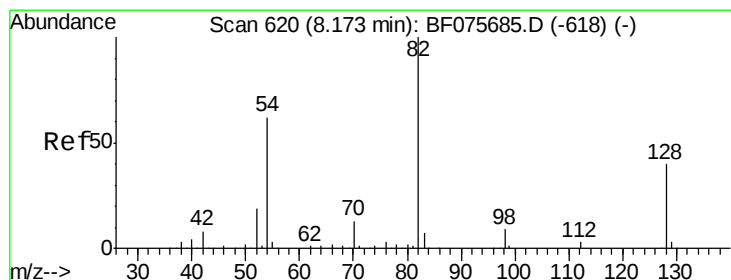
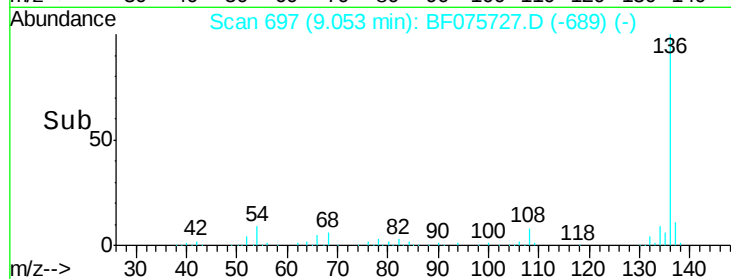
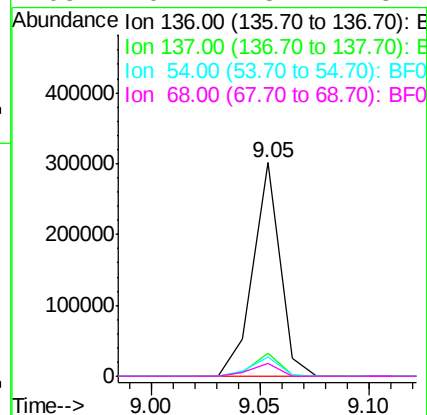
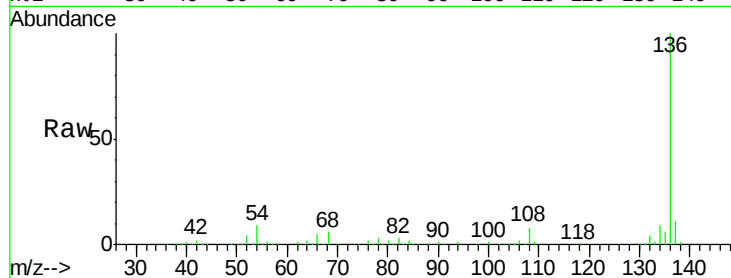




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075727.D
Acq: 21 Nov 2014 1:17

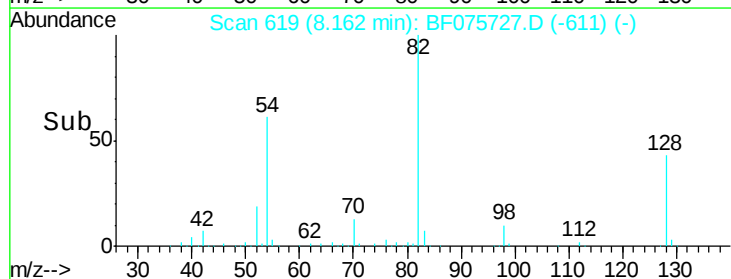
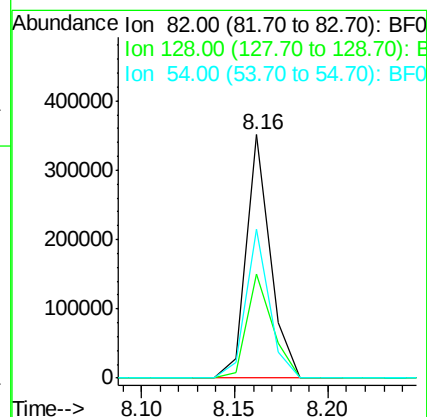
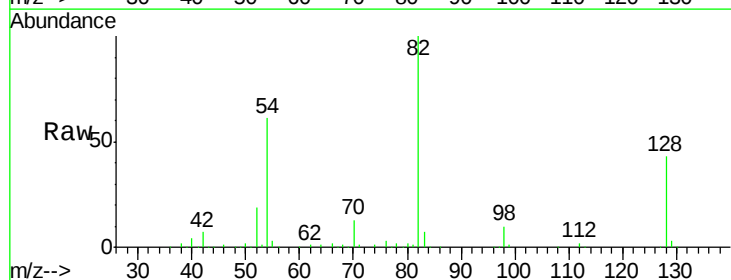
Instrument :
BNA_F
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P001-MISCBBE001-111214-001

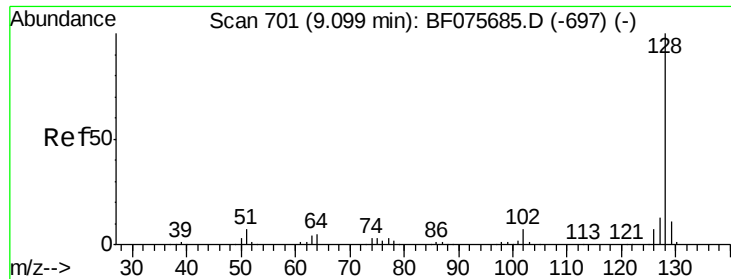
Tgt Ion:	136	Resp:	260973
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.4
54	8.8	6.2	9.4
68	6.2	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 74.55 ng
RT: 8.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF075727.D
Acq: 21 Nov 2014 1:17

Tgt Ion:	82	Resp:	316964
Ion Ratio	Lower	Upper	
82	100		
128	42.8	37.8	56.6
54	61.1	49.8	74.8

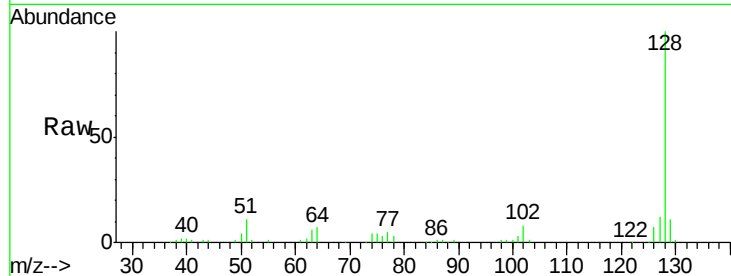




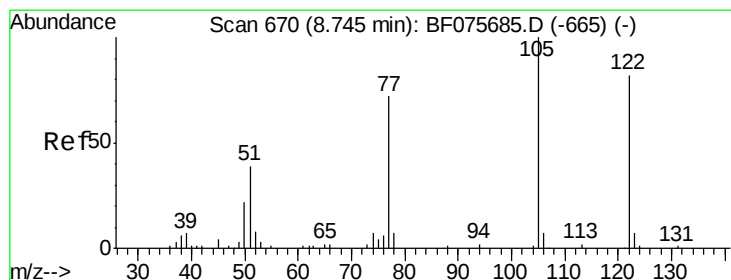
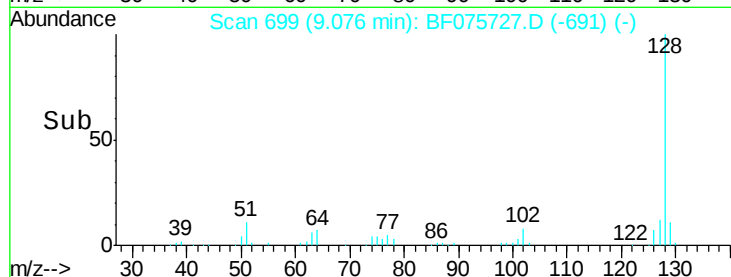
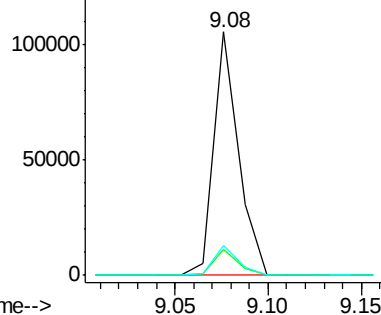
#31
Naphthalene
Concen: 7.28 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF075727.D
Acq: 21 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
P001-MISCBBE001-111214-001

Tgt Ion:128 Resp: 97046
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.2 10.2 15.4

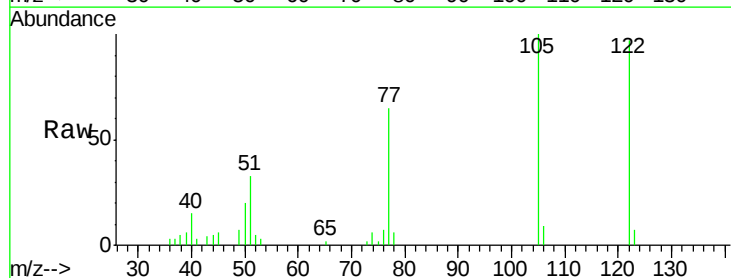


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

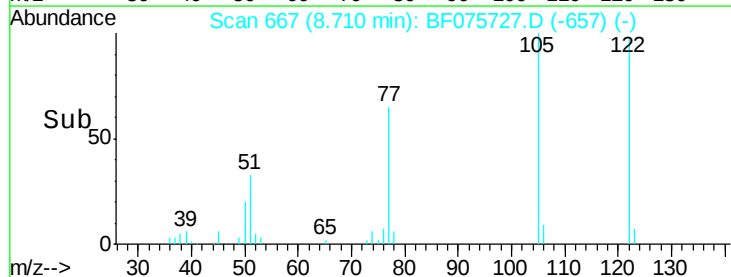
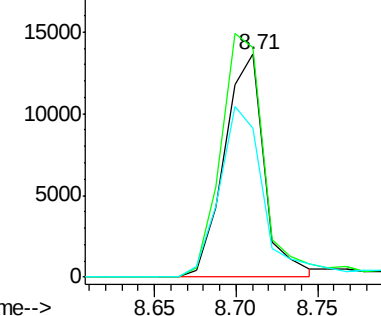


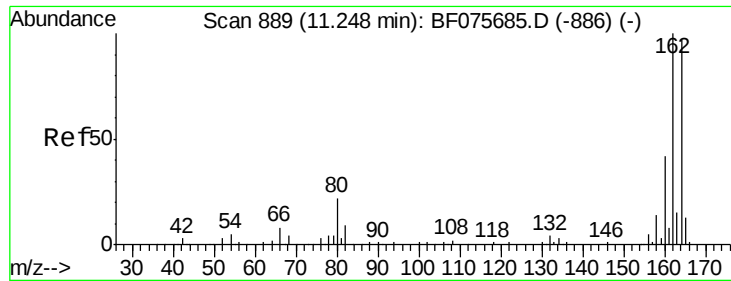
#32
Benzoic acid
Concen: 10.20 ng
RT: 8.71 min Scan# 667
Delta R.T. 0.01 min
Lab File: BF075727.D
Acq: 21 Nov 2014 1:17

Tgt Ion:122 Resp: 23314
Ion Ratio Lower Upper
122 100
105 102.8 95.1 135.1
77 66.6 62.6 102.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF075727.D

Acq: 21 Nov 2014 1:17

Instrument :

BNA_F

ClientSampleId :

P001-MISCBBE001-111214-001

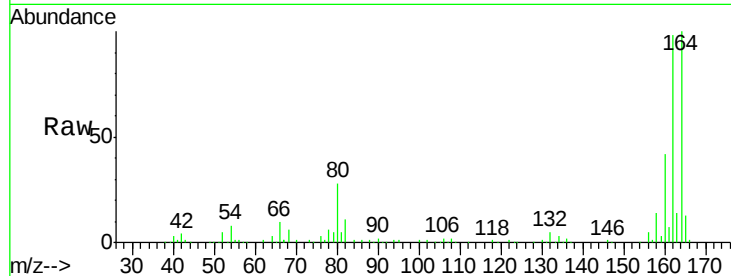
Tgt Ion:164 Resp: 123967

Ion Ratio Lower Upper

164 100

162 98.4 79.1 118.7

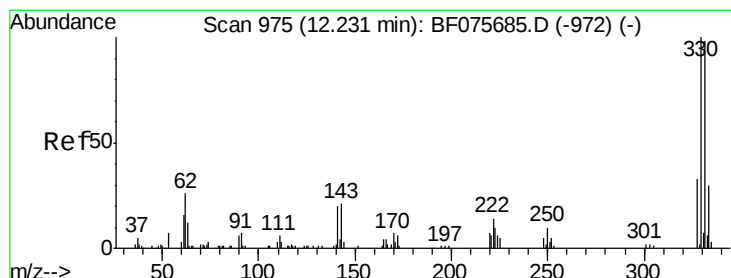
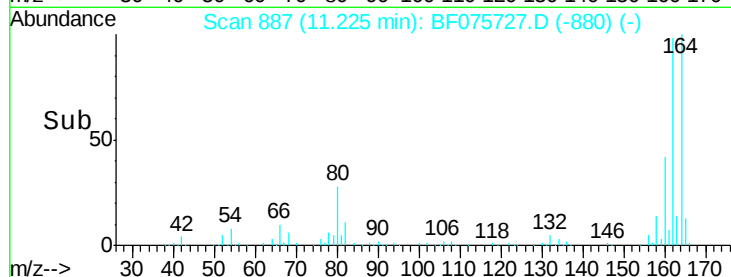
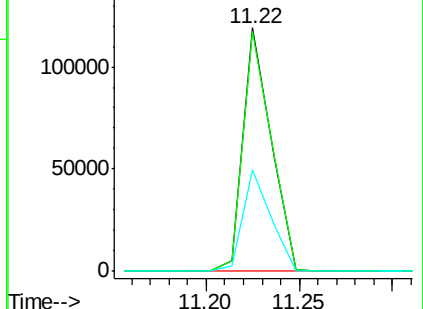
160 41.6 34.6 51.8



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: 121.99 ng

RT: 12.21 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF075727.D

Acq: 21 Nov 2014 1:17

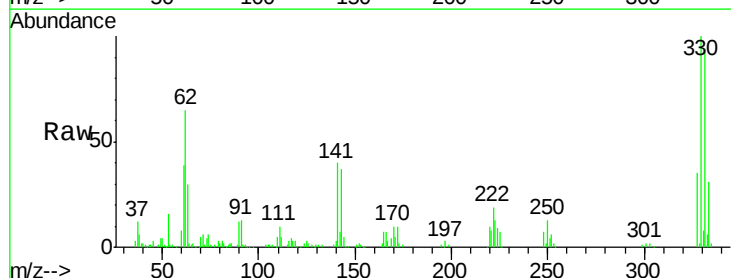
Tgt Ion:330 Resp: 123294

Ion Ratio Lower Upper

330 100

332 94.2 74.5 111.7

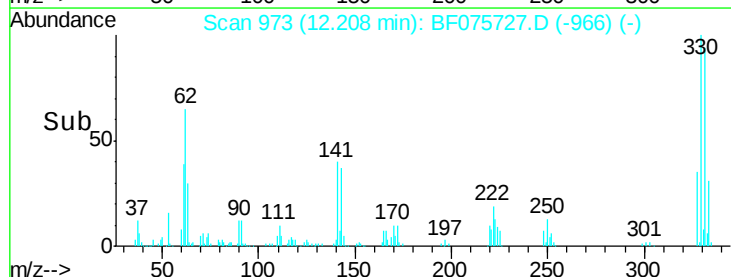
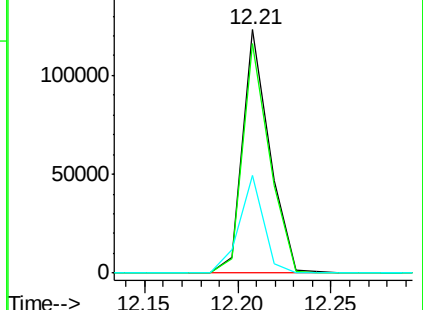
141 36.5 30.7 46.1

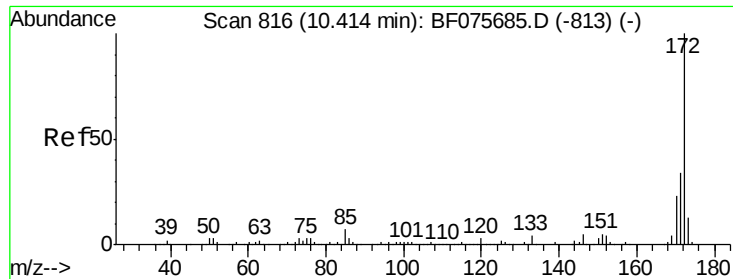


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

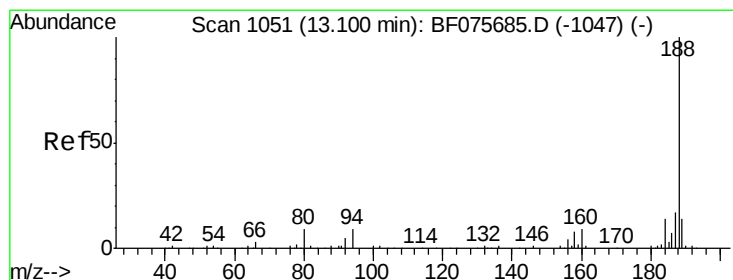
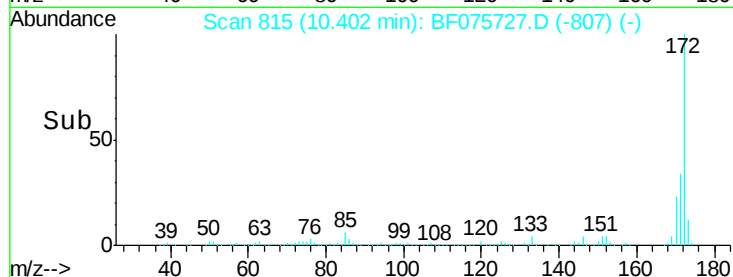
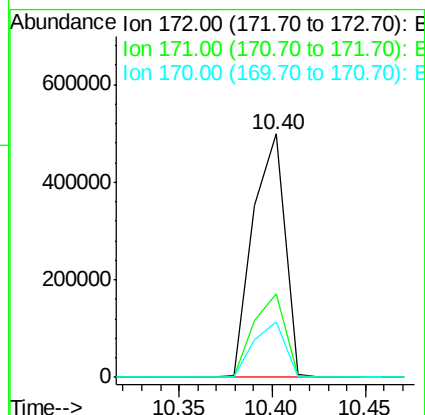
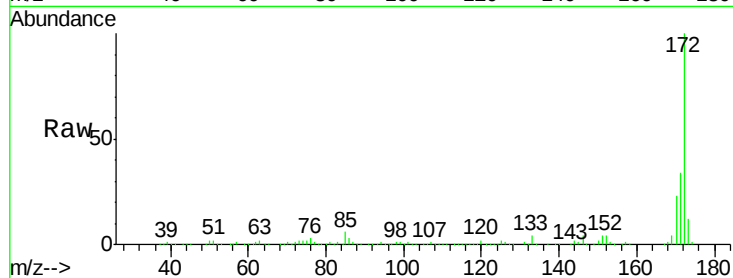




#44
 2-Fluorobiphenyl
 Concen: 74.59 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075727.D
 Acq: 21 Nov 2014 1:17

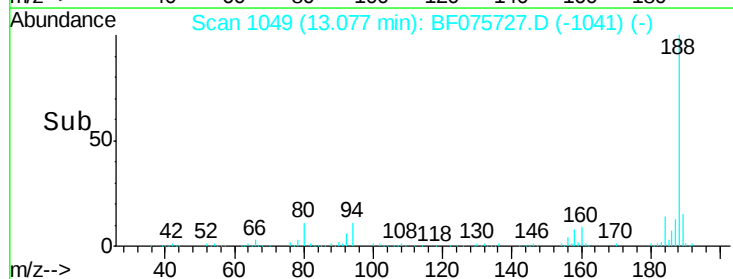
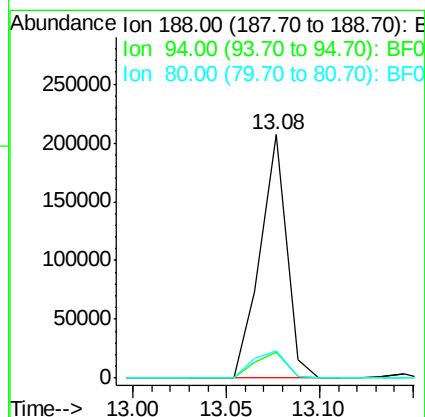
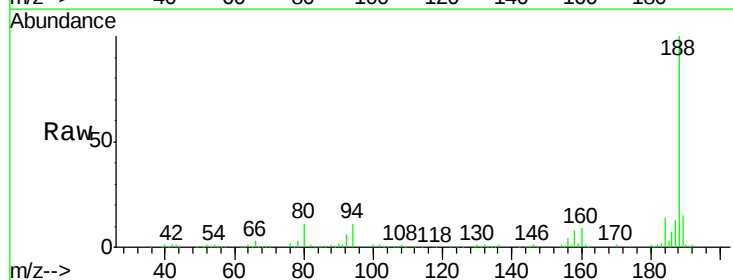
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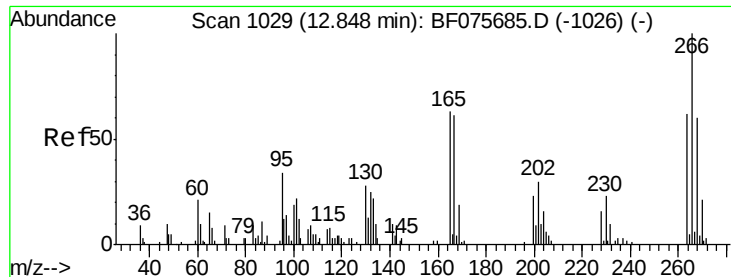
Tgt Ion:172 Resp: 590639
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.3 40.9
 170 22.8 18.4 27.6



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF075727.D
 Acq: 21 Nov 2014 1:17

Tgt Ion:188 Resp: 204180
 Ion Ratio Lower Upper
 188 100
 94 10.6 7.8 11.6
 80 11.0 8.0 12.0

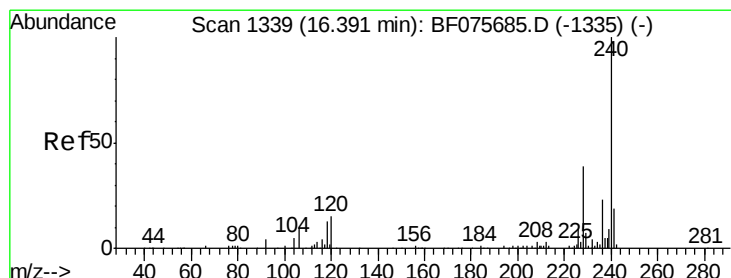
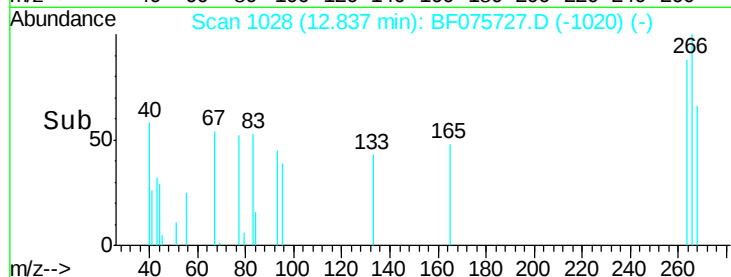
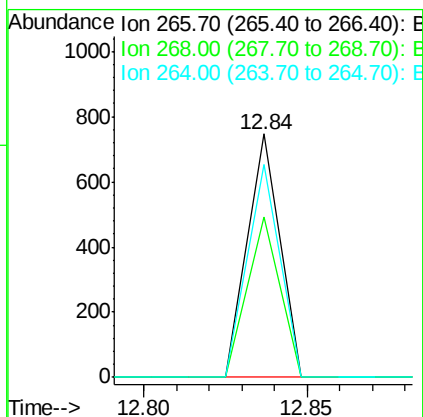
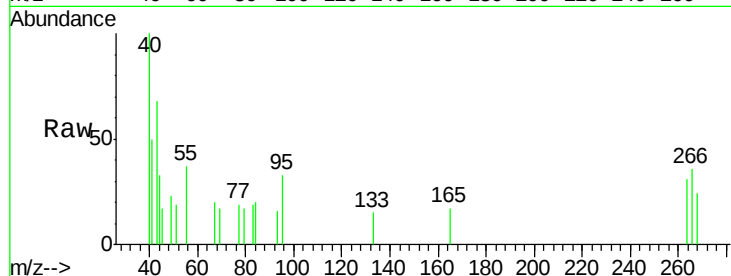




#69
 Pentachlorophenol
 Concen: 5.18 ng
 RT: 12.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF075727.D
 Acq: 21 Nov 2014 1:17

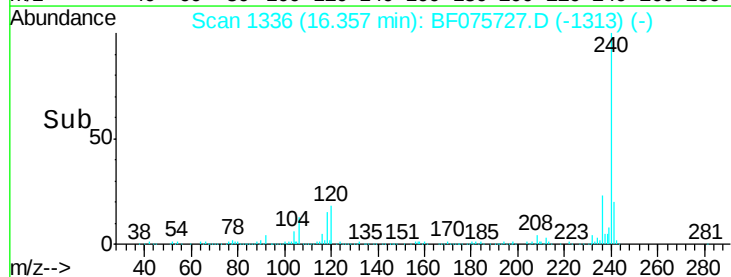
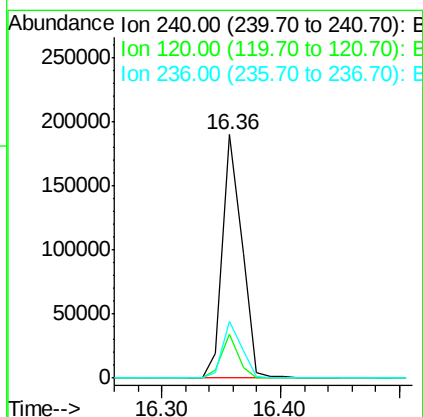
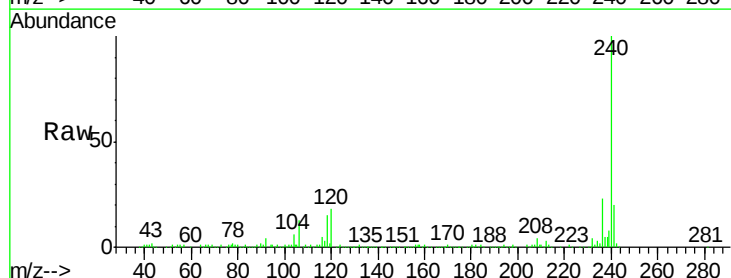
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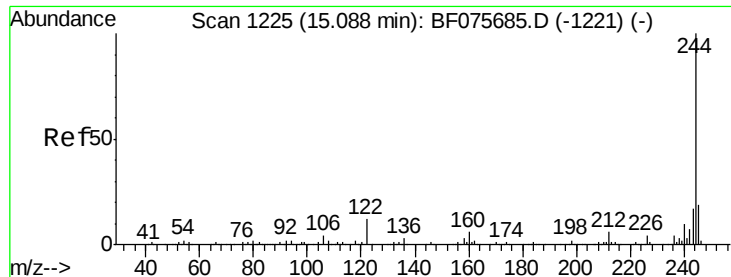
Tgt Ion: 266 Resp: 512
 Ion Ratio Lower Upper
 266 100
 268 66.1 48.6 73.0
 264 87.7 52.1 78.1#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.36 min Scan# 1336
 Delta R.T. -0.03 min
 Lab File: BF075727.D
 Acq: 21 Nov 2014 1:17

Tgt Ion: 240 Resp: 215267
 Ion Ratio Lower Upper
 240 100
 120 17.8 9.6 14.4#
 236 23.1 18.9 28.3

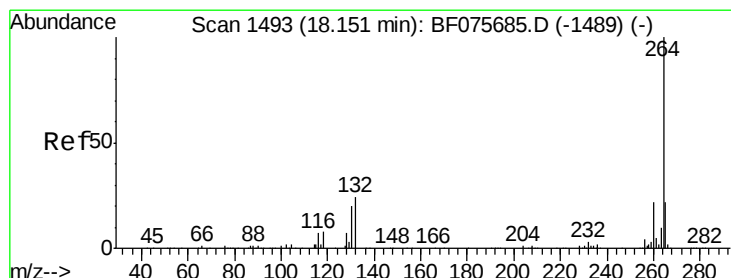
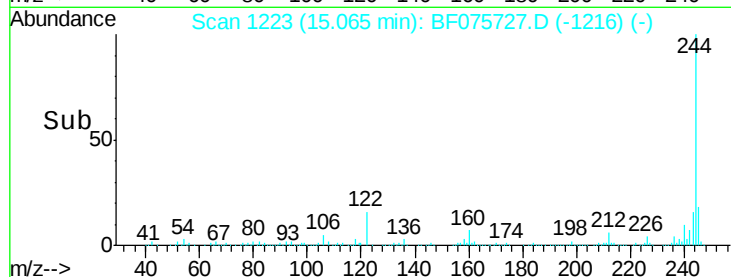
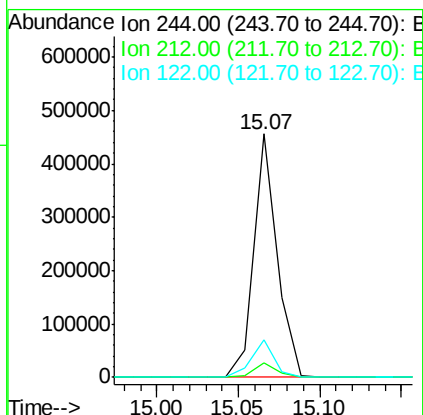
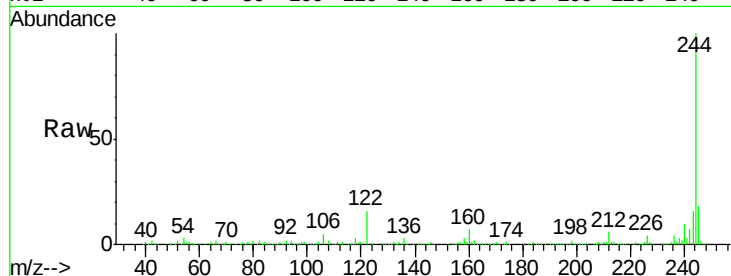




#78
 Terphenyl-d14
 Concen: 52.64 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF075727.D
 Acq: 21 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleId :
 P001-MISCBBE001-111214-001

Tgt Ion: 244 Resp: 452998
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.5 8.3
 122 15.6 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1484
 Delta R.T. -0.11 min
 Lab File: BF075727.D
 Acq: 21 Nov 2014 1:17

Tgt Ion: 264 Resp: 222733
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.9 26.9
 265 22.3 16.3 24.5

