

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075598.D
 Acq On : 16 Nov 2014 23:57
 Operator : TP / JJ
 Sample : F4738-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Quant Time: Nov 17 06:09:23 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

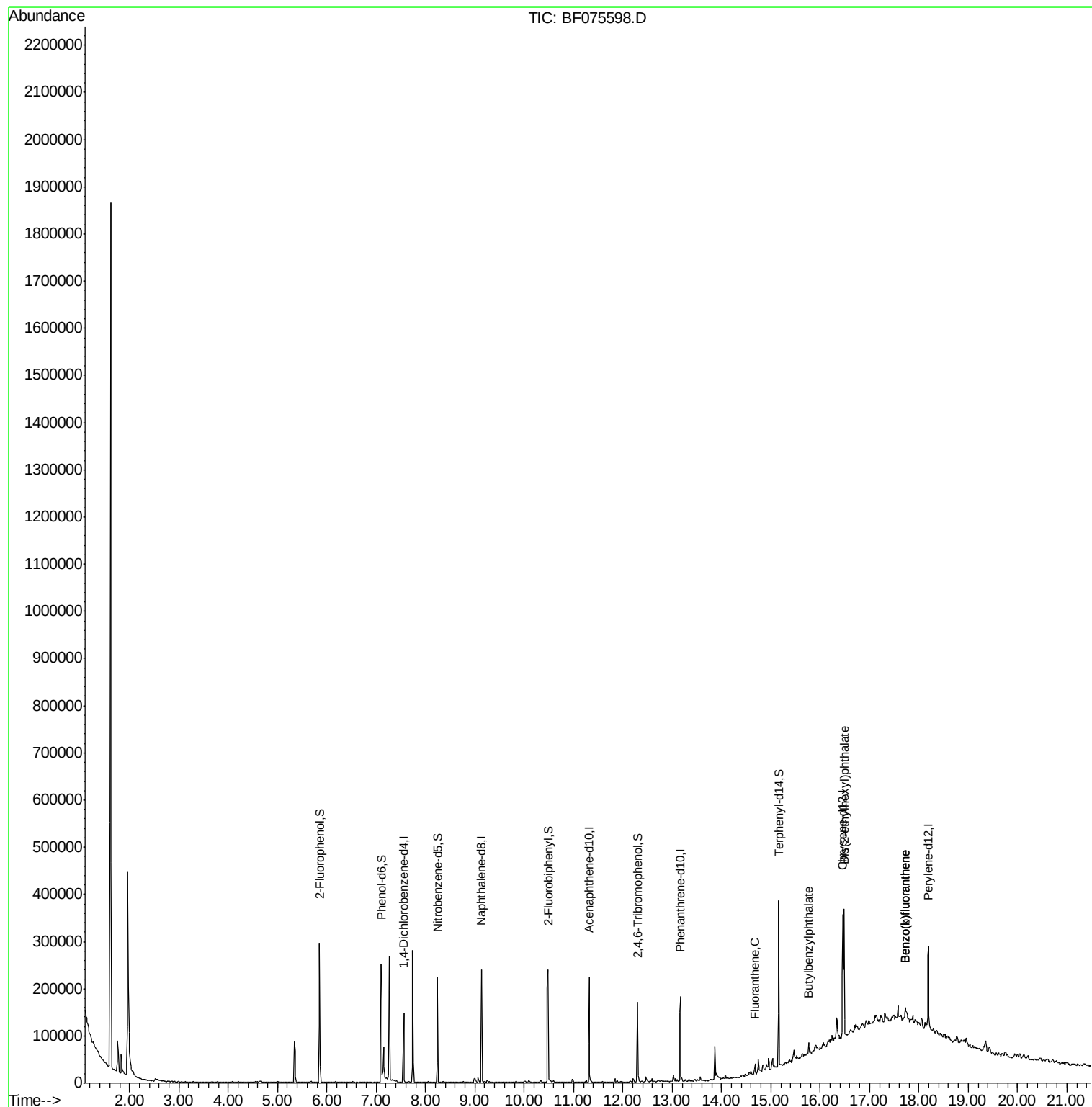
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	26072	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	108700	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	55111	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	97606	20.00	ng	0.00
75) Chrysene-d12	16.46	240	103533	20.00	ng	-0.01
86) Perylene-d12	18.20	264	100472	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	90141	61.08	ng	0.00
7) Phenol-d6	7.10	99	106051	59.76	ng	-0.01
23) Nitrobenzene-d5	8.24	82	64234	43.32	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	29093	63.03	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	116833	38.31	ng	0.00
78) Terphenyl-d14	15.16	244	117104	30.45	ng	0.00
Target Compounds						
74) Fluoranthene	14.68	202	11514	2.09	ng	Qvalue 91
79) Butylbenzylphthalate	15.76	149	7582	2.24	ng	# 66
83) Bis(2-ethylhexyl)phthalate	16.48	149	80903	15.19	ng	# 99
87) Benzo(b)fluoranthene	17.73	252	13960	2.60	ng	# 76
88) Benzo(k)fluoranthene	17.73	252	13961	2.90	ng	# 75

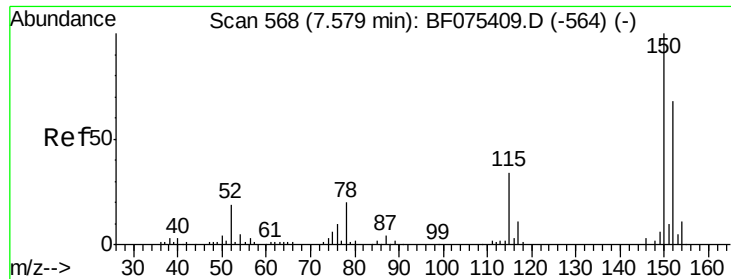
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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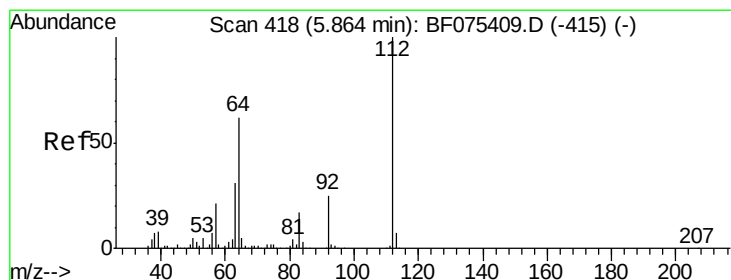
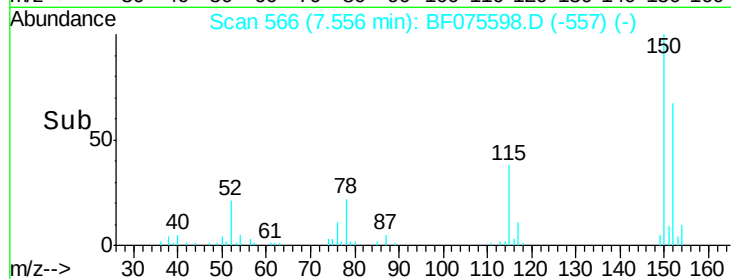
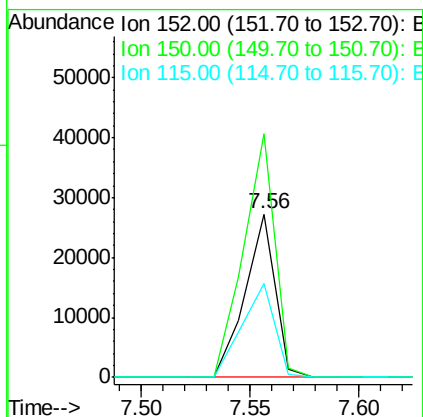
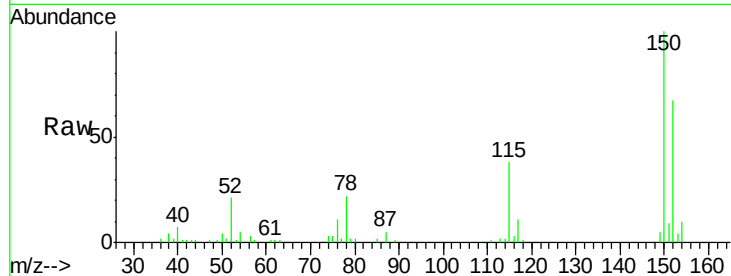


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampleId :
S-3

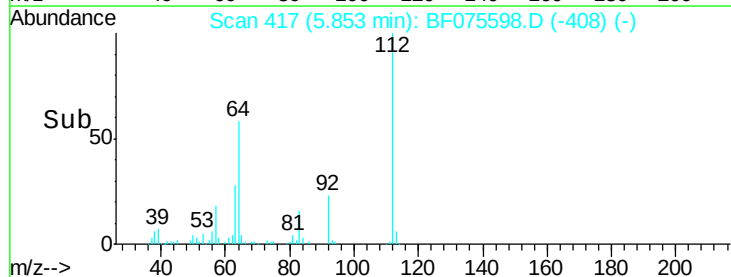
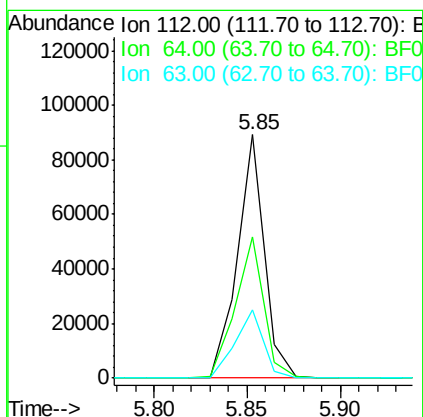
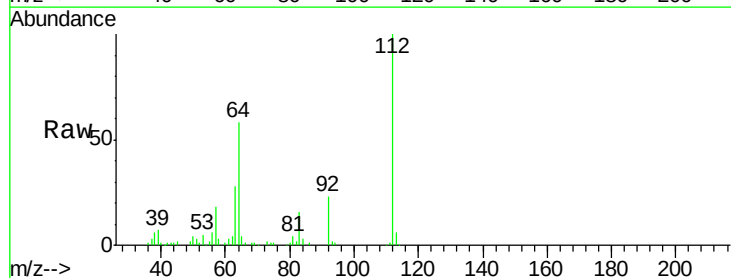
Tgt Ion:152 Resp: 26072
Ion Ratio Lower Upper
152 100
150 149.3 127.2 190.8
115 57.3 57.1 85.7

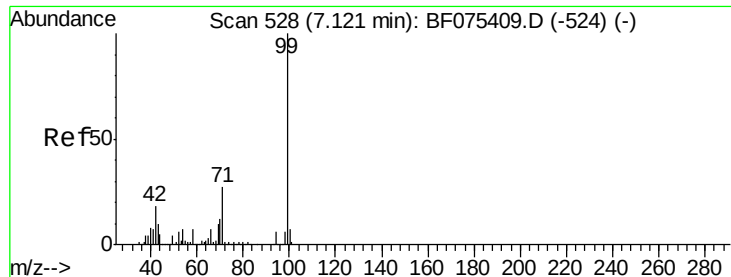


#5

2-Fluorophenol
Concen: 61.08 ng
RT: 5.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion:112 Resp: 90141
Ion Ratio Lower Upper
112 100
64 57.8 45.8 68.6
63 28.1 22.7 34.1





#7

Phenol-d6

Concen: 59.76 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075598.D

Acq: 16 Nov 2014 23:57

Instrument :

BNA_F

ClientSampled :

S-3

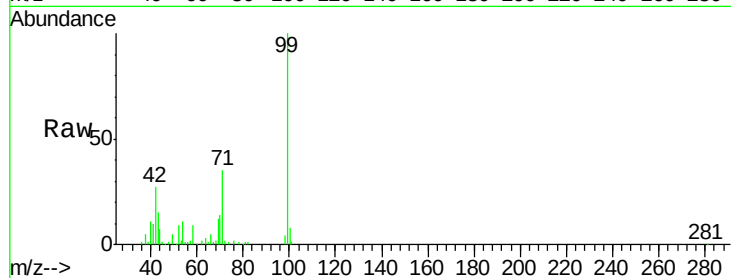
Tgt Ion: 99 Resp: 106051

Ion Ratio Lower Upper

99 100

42 27.3 19.8 29.6

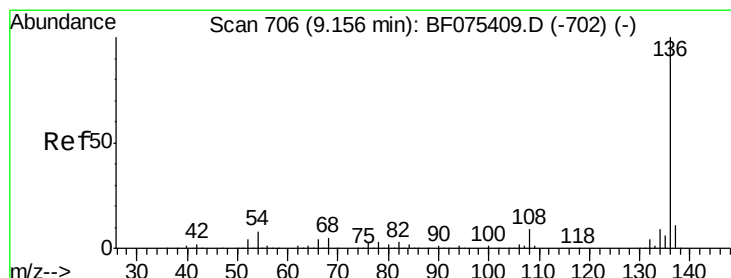
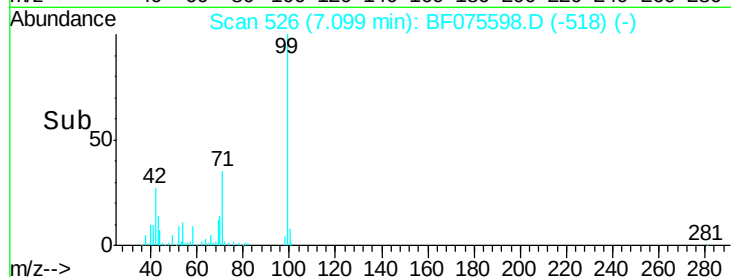
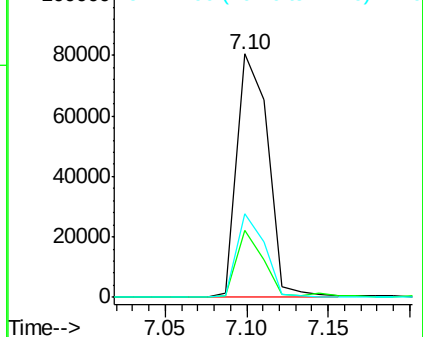
71 34.6 25.5 38.3



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: BF075598.D

Acq: 16 Nov 2014 23:57

Tgt Ion: 136 Resp: 108700

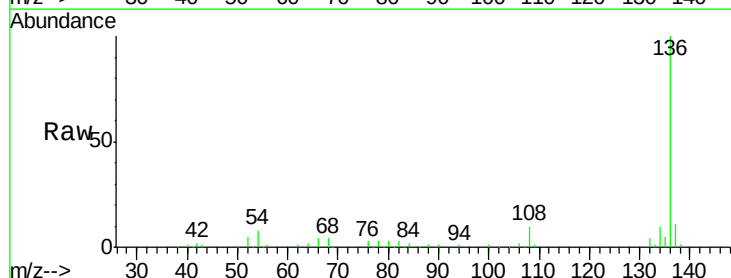
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 8.1 6.2 9.4

68 3.9 3.4 5.2

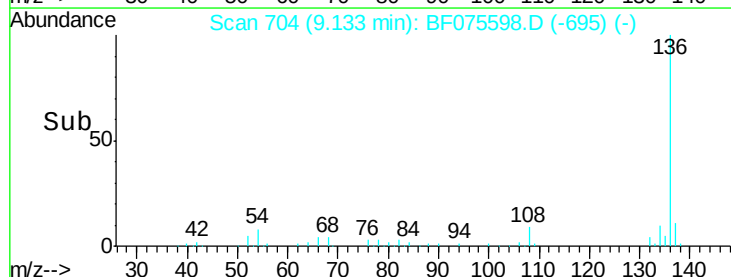
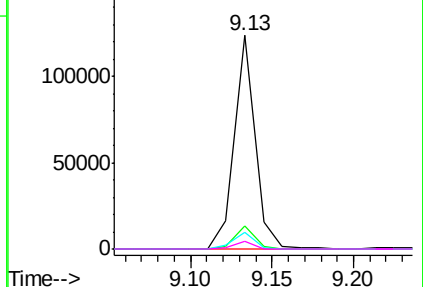


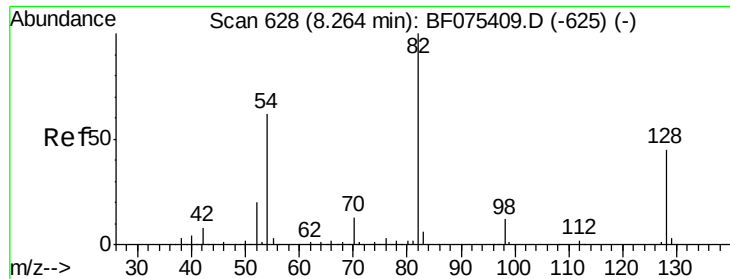
Abundance Ion 136.00 (135.70 to 136.70): E

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

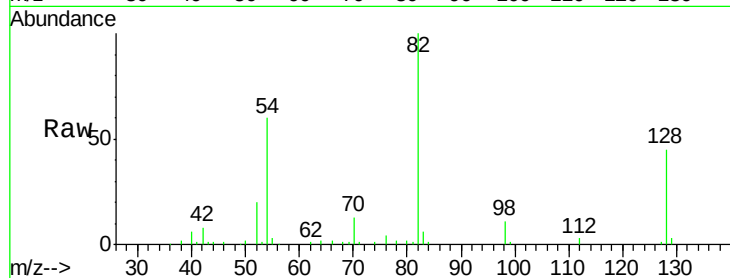




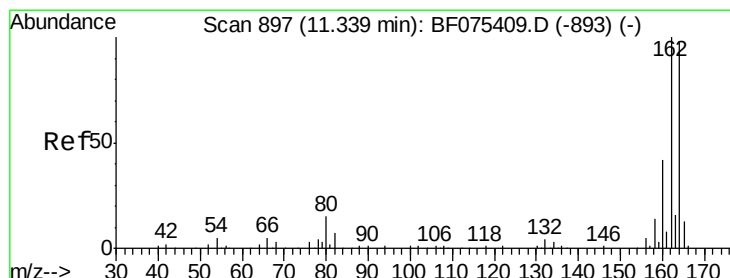
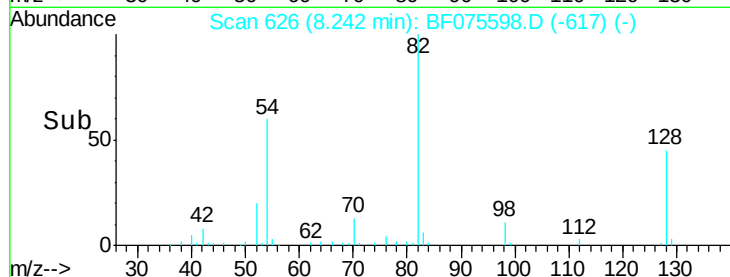
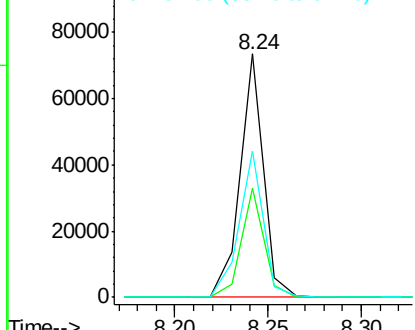
#23
Nitrobenzene-d5
Concen: 43.32 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampled :
S-3

Tgt Ion: 82 Resp: 64234
Ion Ratio Lower Upper
82 100
128 44.7 37.8 56.6
54 60.1 49.8 74.8

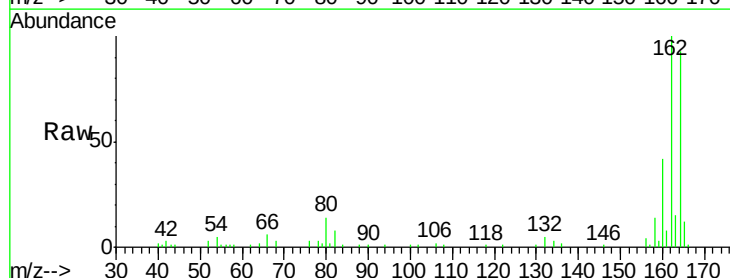


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

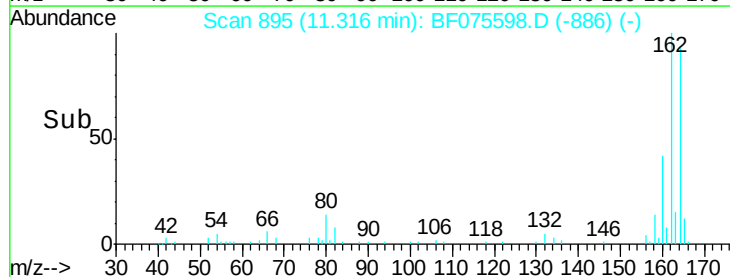
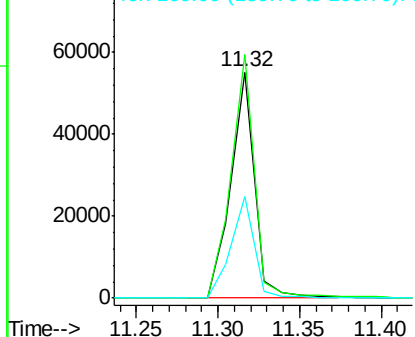


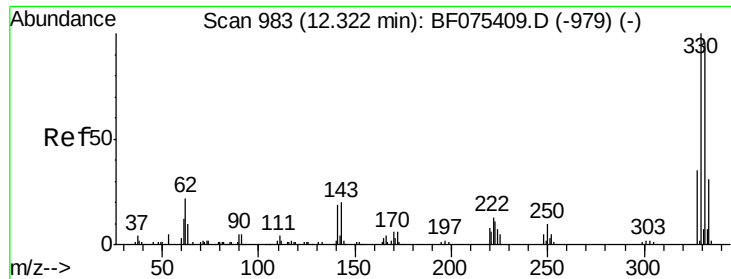
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion: 164 Resp: 55111
Ion Ratio Lower Upper
164 100
162 107.8 79.1 118.7
160 45.0 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

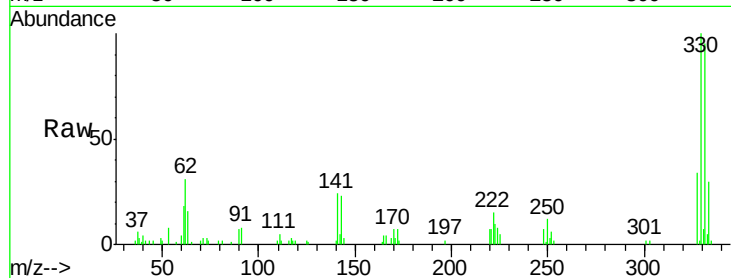




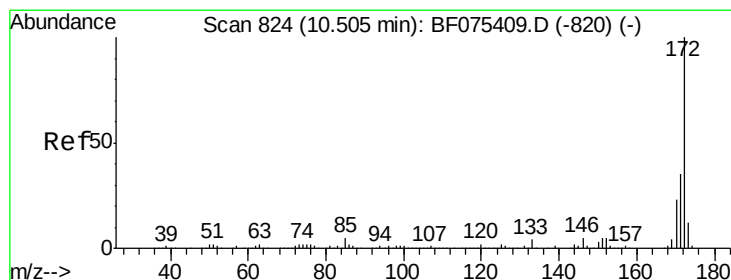
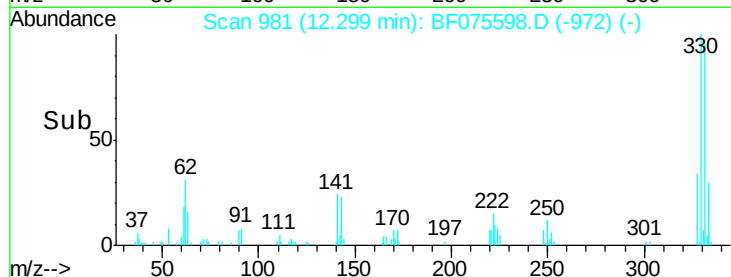
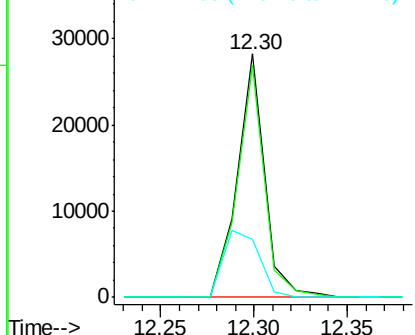
#41
 2,4,6-Tribromophenol
 Concen: 63.03 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075598.D
 Acq: 16 Nov 2014 23:57

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 29093
 Ion Ratio Lower Upper
 330 100
 332 94.2 74.5 111.7
 141 35.7 30.7 46.1

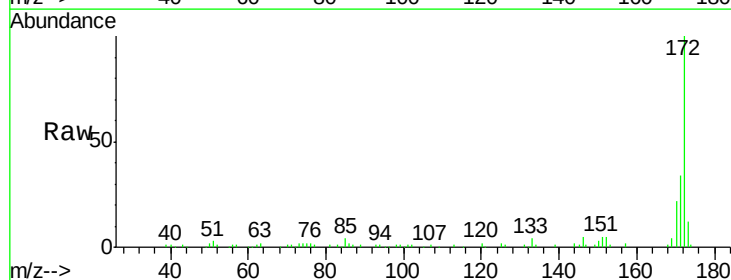


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

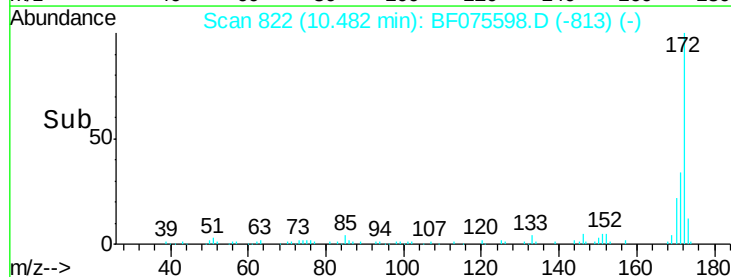
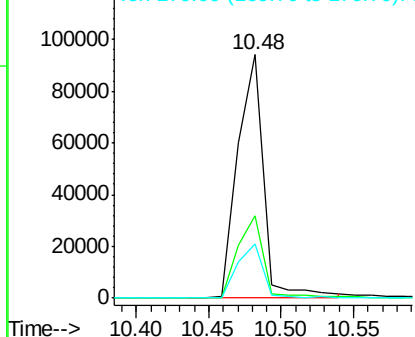


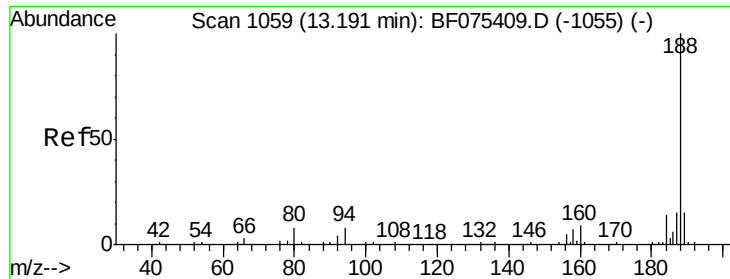
#44
 2-Fluorobiphenyl
 Concen: 38.31 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075598.D
 Acq: 16 Nov 2014 23:57

Tgt Ion:172 Resp: 116833
 Ion Ratio Lower Upper
 172 100
 171 33.6 27.3 40.9
 170 22.4 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

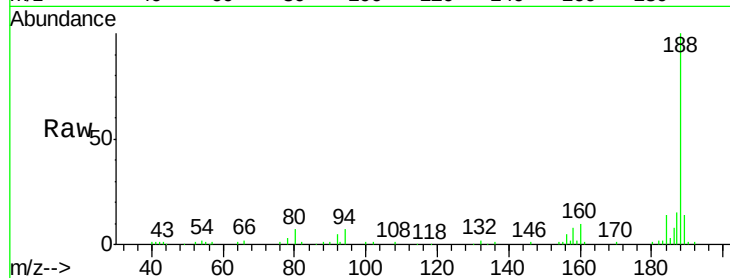




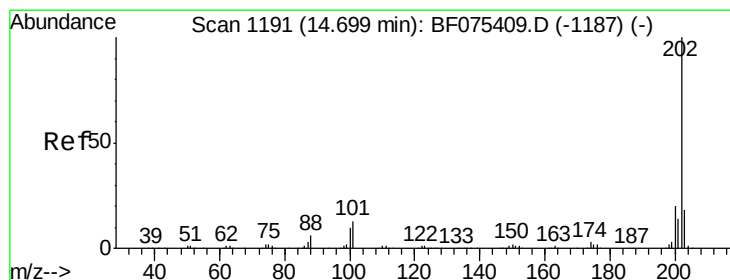
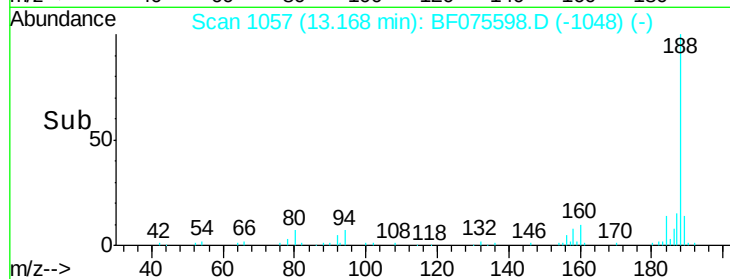
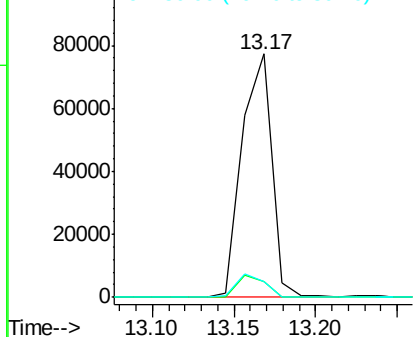
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampled :
S-3

Tgt Ion:188 Resp: 97606
Ion Ratio Lower Upper
188 100
94 6.7 7.8 11.6#
80 6.7 8.0 12.0#

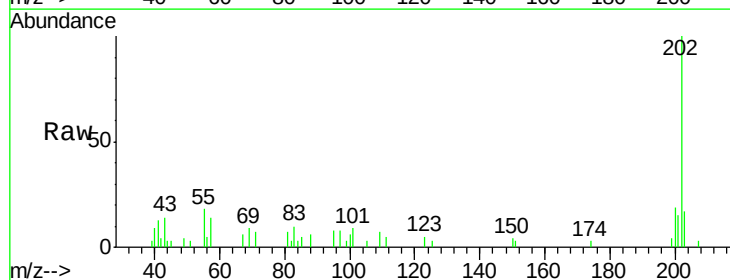


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

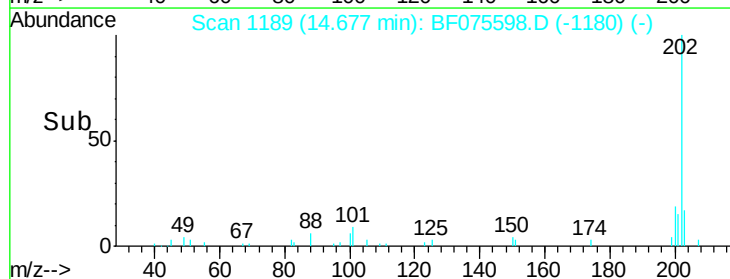
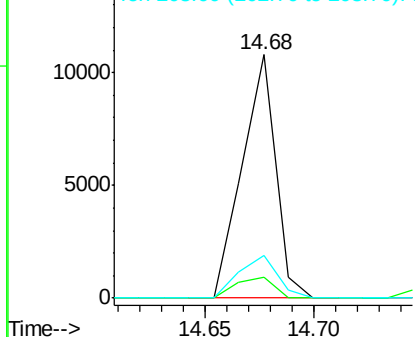


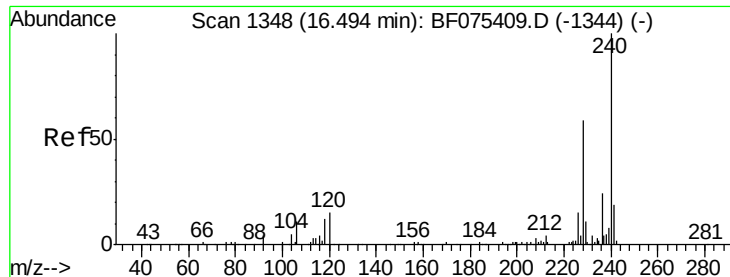
#74
Fluoranthene
Concen: 2.09 ng
RT: 14.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion:202 Resp: 11514
Ion Ratio Lower Upper
202 100
101 8.8 0.0 36.6
203 17.5 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: BF075598.D

Acq: 16 Nov 2014 23:57

Instrument :

BNA_F

ClientSampleId :

S-3

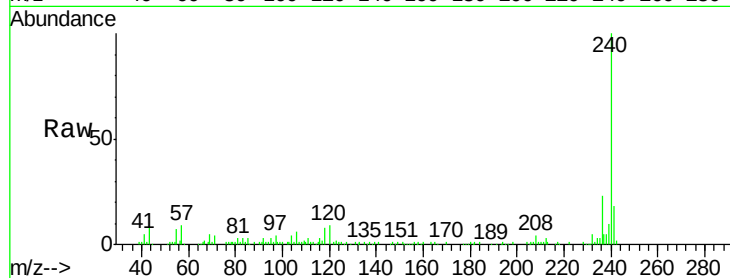
Tgt Ion:240 Resp: 103533

Ion Ratio Lower Upper

240 100

120 8.6 9.6 14.4#

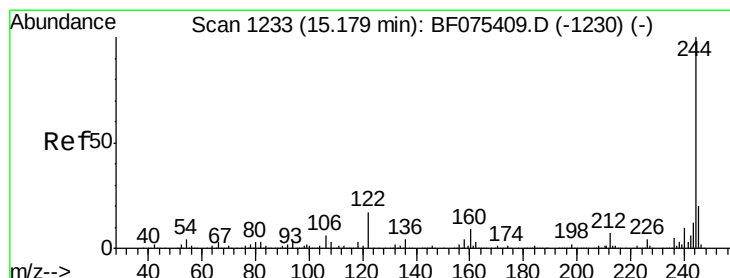
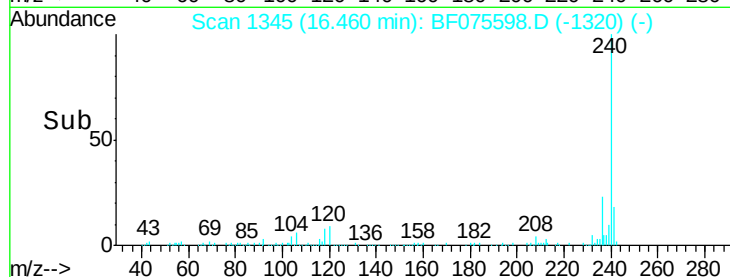
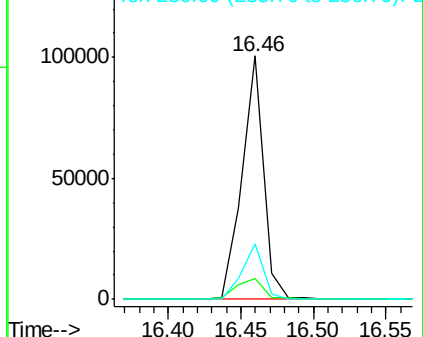
236 22.5 18.9 28.3



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



#78

Terphenyl-d14

Concen: 30.45 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075598.D

Acq: 16 Nov 2014 23:57

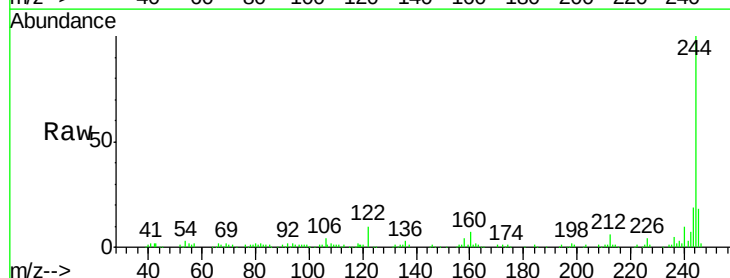
Tgt Ion:244 Resp: 117104

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

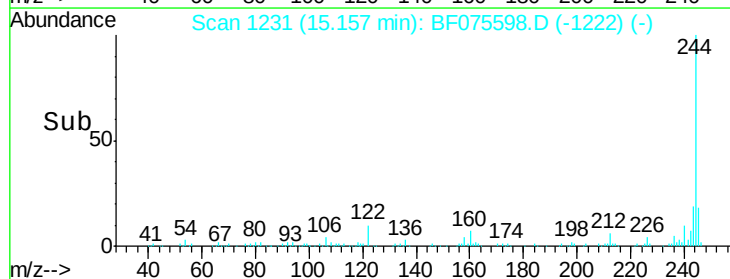
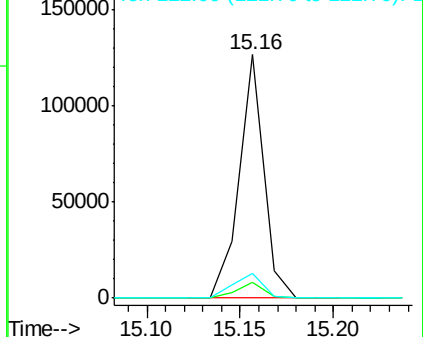
122 10.1 9.7 14.5

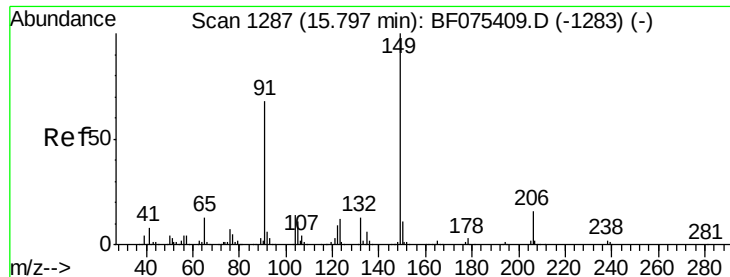


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

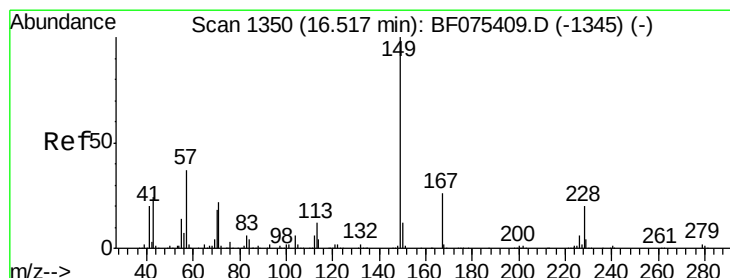
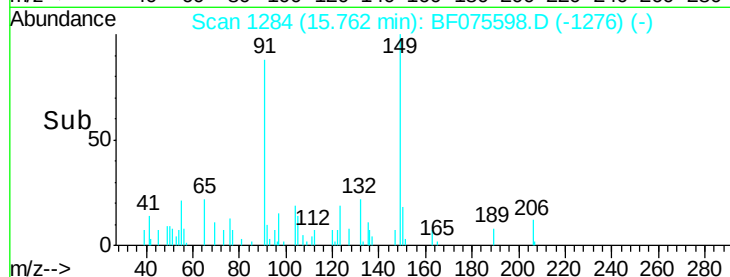
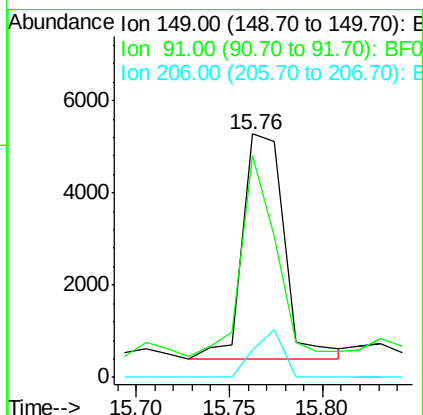
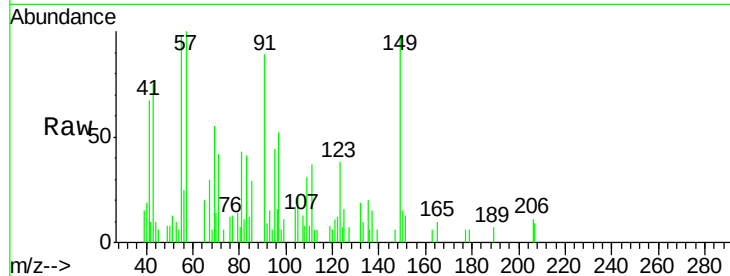




#79
Butylbenzylphthalate
Concen: 2.24 ng
RT: 15.76 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

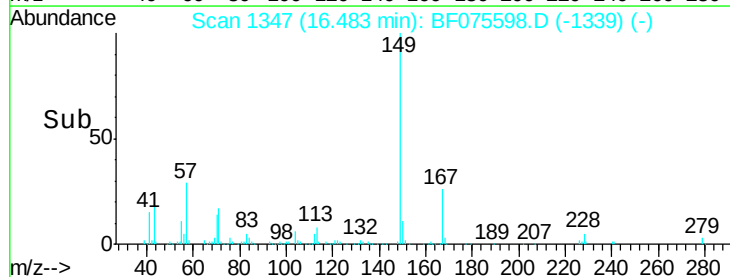
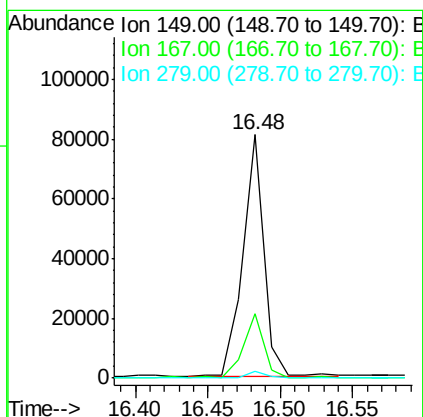
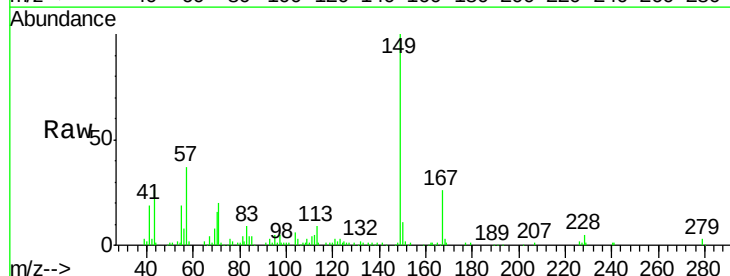
Instrument :
BNA_F
ClientSampled :
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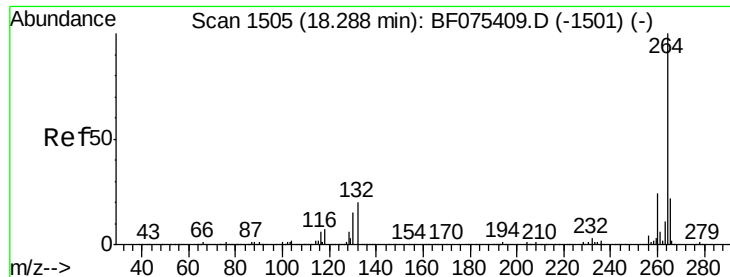
Tgt Ion:149 Resp: 7582
Ion Ratio Lower Upper
149 100
91 91.0 49.0 73.4#
206 11.1 15.5 23.3#



#83
Bis(2-ethylhexyl)phthalate
Concen: 15.19 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion:149 Resp: 80903
Ion Ratio Lower Upper
149 100
167 26.2 21.4 32.2
279 2.7 2.8 4.2#



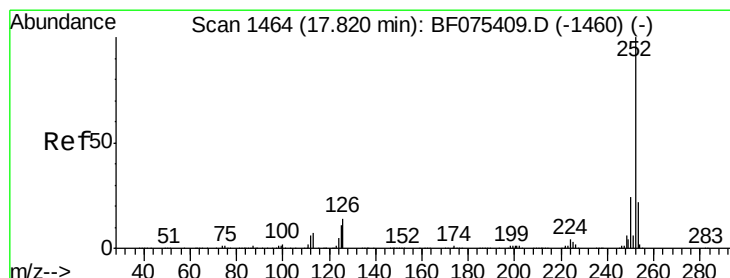
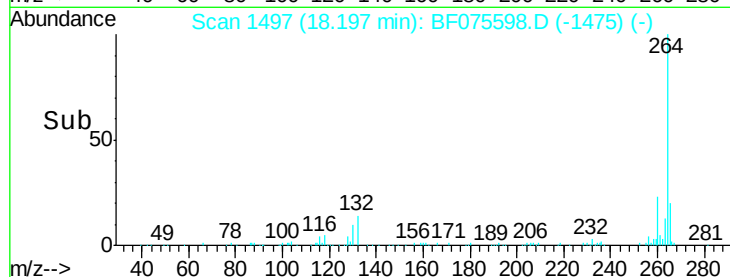
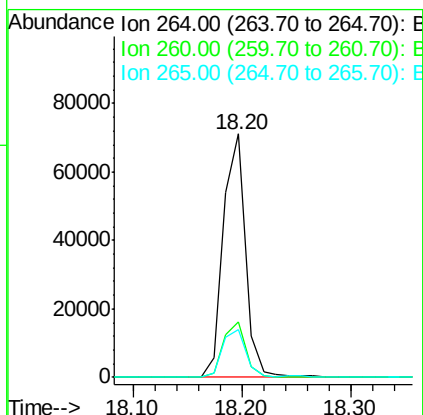
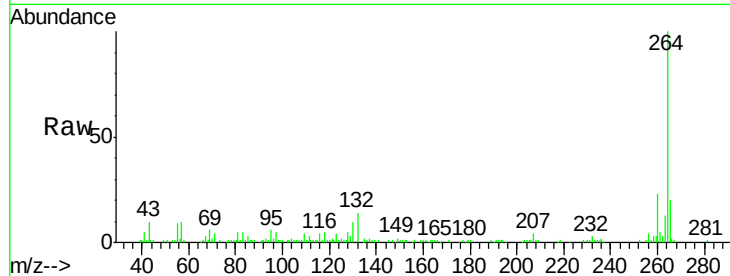


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1497
Delta R.T. -0.05 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Instrument :
BNA_F
ClientSampleId :
S-3

Tgt Ion: 264 Resp: 100472

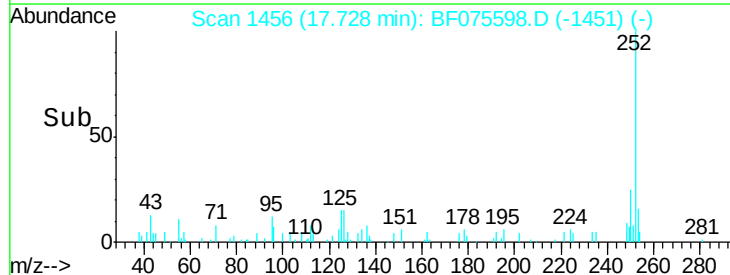
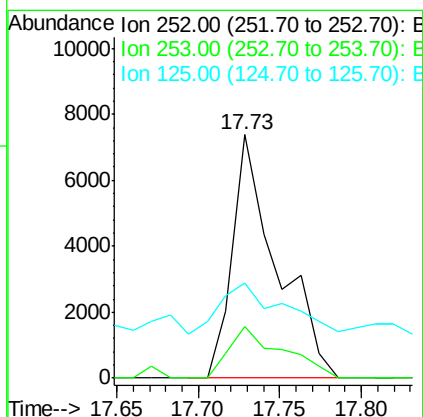
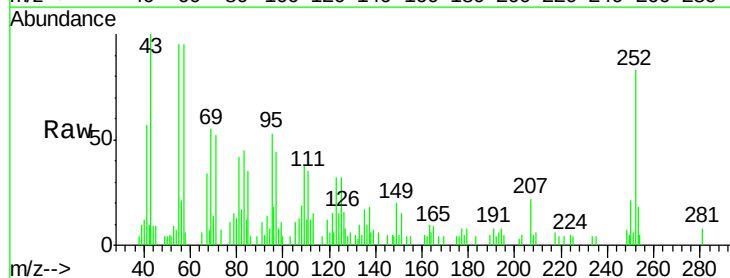
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	19.6	16.3	24.5

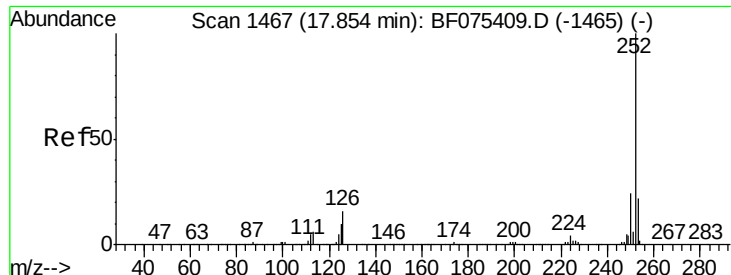


#87
Benzo(b)fluoranthene
Concen: 2.60 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.05 min
Lab File: BF075598.D
Acq: 16 Nov 2014 23:57

Tgt Ion: 252 Resp: 13960

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.7	26.5
125	38.9	11.8	17.6





#88

Benzo(k)fluoranthene

Concen: 2.90 ng

RT: 17.73 min Scan# 1456

Delta R.T. -0.08 min

Lab File: BF075598.D

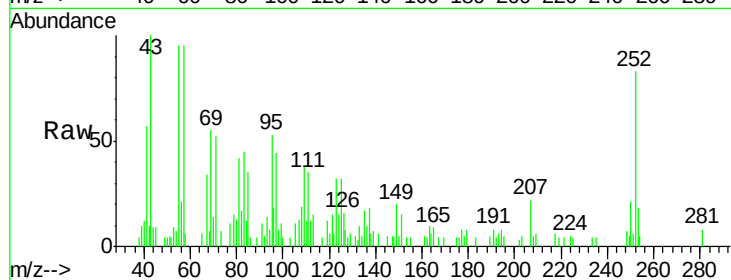
Acq: 16 Nov 2014 23:57

Instrument :

BNA_F

ClientSampleId :

S-3



Tgt Ion:	252	Resp:	13961
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.1	27.1
125	38.9	11.6	17.4

