

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075604.D
 Acq On : 17 Nov 2014 2:46
 Operator : TP / JJ
 Sample : F4756-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-A

Manual Integrations
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Quant Time: Nov 17 07:01:22 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	27100	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	115545	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	63345	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	103563	20.00	ng	0.00
75) Chrysene-d12	16.46	240	112147	20.00	ng	-0.01
86) Perylene-d12	18.19	264	109111	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	212852	138.76	ng	0.00
7) Phenol-d6	7.11	99	273489	148.26	ng	0.00
23) Nitrobenzene-d5	8.24	82	150568	95.54	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	66335	125.03	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	280072	79.89	ng	0.00
78) Terphenyl-d14	15.16	244	283103	67.96	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.98	163	11909	2.75	ng	98
70) Phenanthrene	13.19	178	101787	18.68	ng	98
71) Anthracene	13.26	178	22705	4.03	ng	98
74) Fluoranthene	14.68	202	130843	22.41	ng	93
77) Pyrene	14.96	202	110201	16.90	ng	98
80) Benzo(a)anthracene	16.45	228	56784	9.64	ng	97
82) Chrysene	16.49	228	39863	7.82	ng	96
85) Indeno(1,2,3-cd)pyrene	19.74	276	28520m	4.61	ng	
87) Benzo(b)fluoranthene	17.72	252	61505m	10.54	ng	
88) Benzo(k)fluoranthene	17.75	252	17081m	3.26	ng	
89) Benzo(a)pyrene	18.11	252	42033	8.05	ng	98
91) Benzo(a,h,i)perylene	20.20	276	28261	5.44	ng	99

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

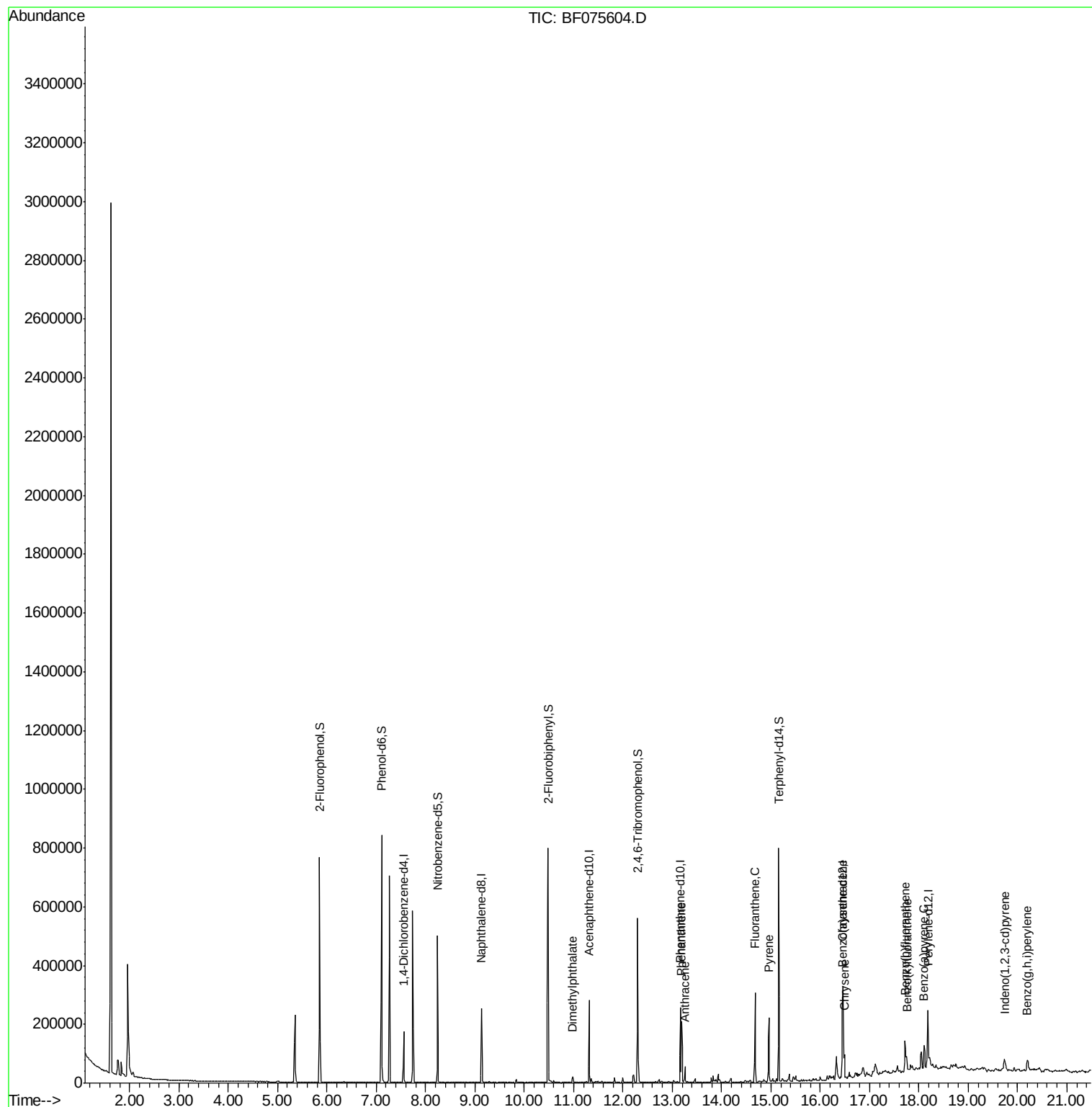
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075604.D
Acq On : 17 Nov 2014 2:46
Operator : TP / JJ
Sample : F4756-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

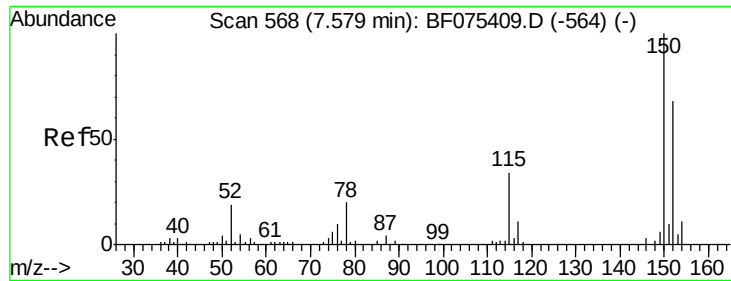
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
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#1

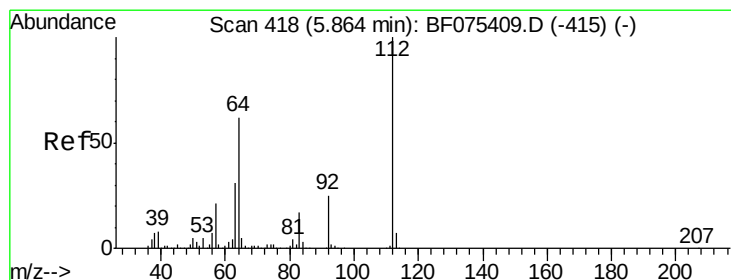
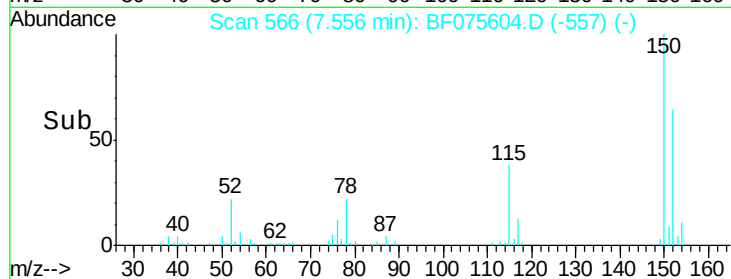
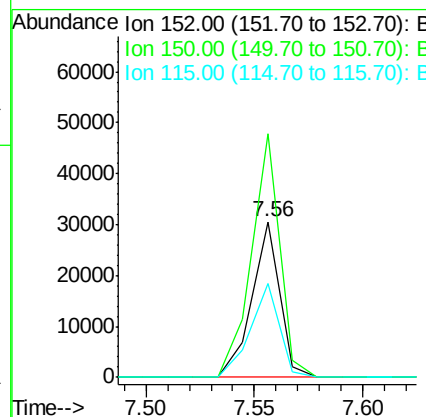
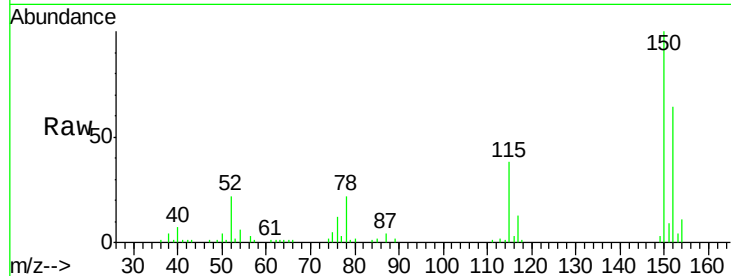
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.2	190.8
115	59.9	57.1	85.7

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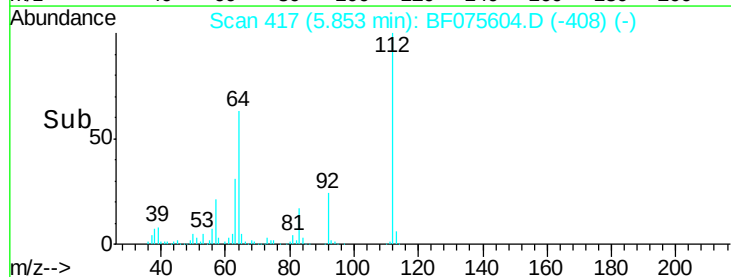
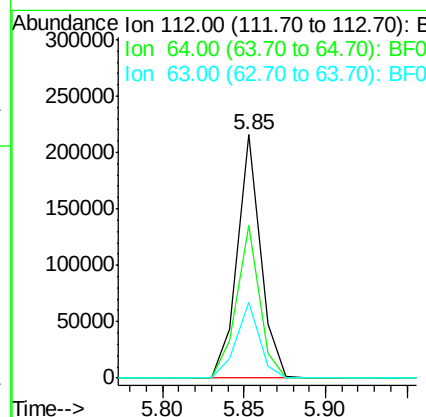
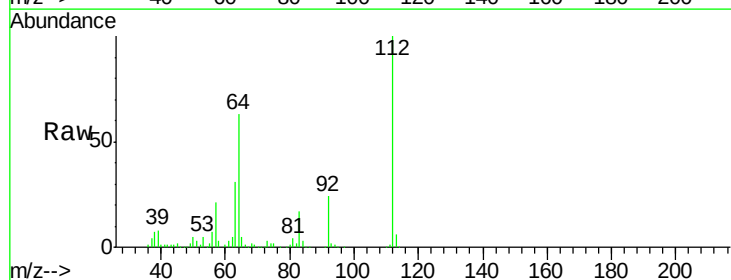
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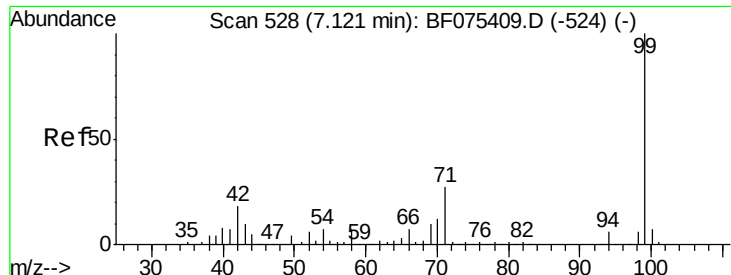


#5

2-Fluorophenol
Concen: 138.76 ng
RT: 5.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	45.8	68.6
63	31.2	22.7	34.1





#7

Phenol-d6

Concen: 148.26 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075604.D

Acq: 17 Nov 2014 2:46

Instrument :

BNA_F

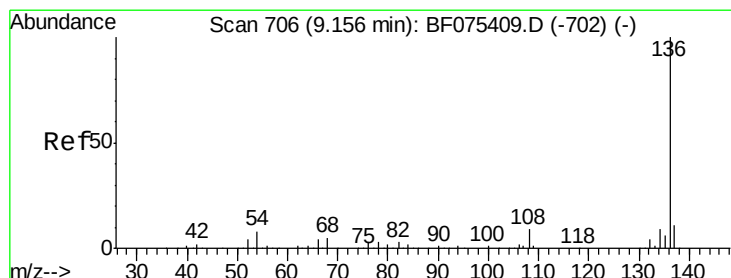
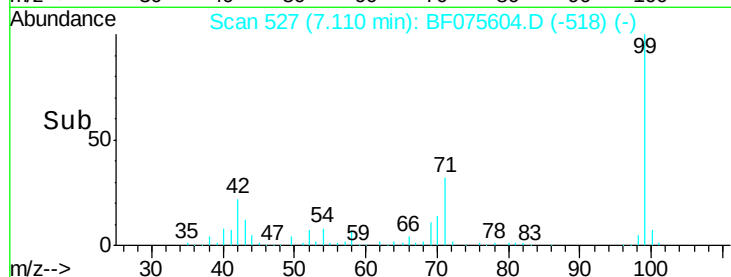
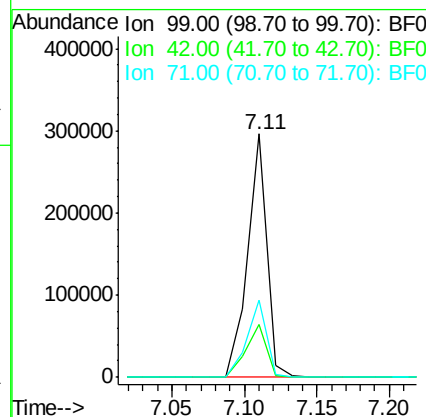
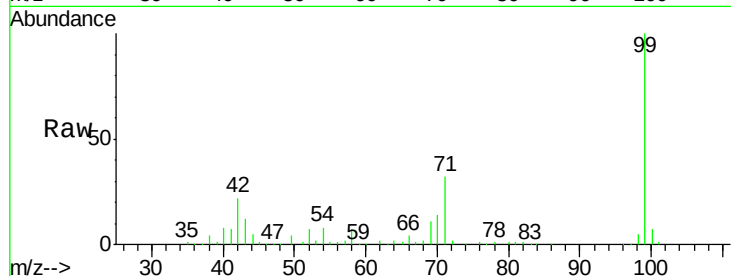
ClientSampleId :

FK-GF-01-008-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		273489		
42	22.0	19.8	29.6		
71	31.8	25.5	38.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

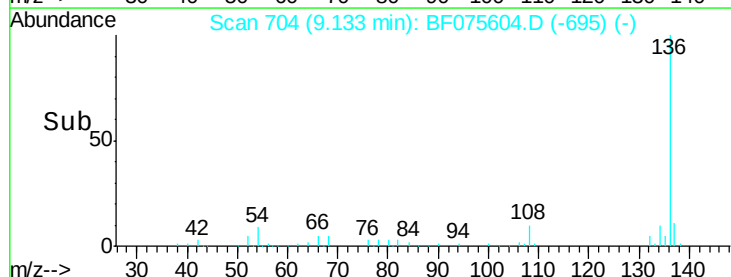
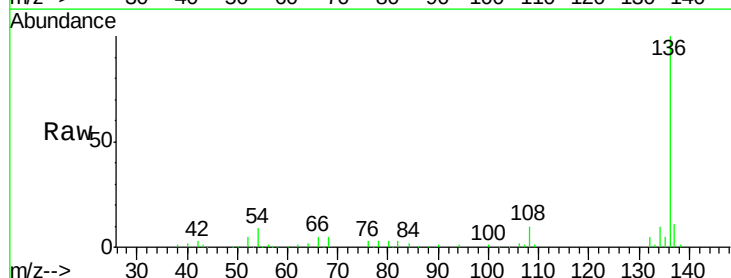
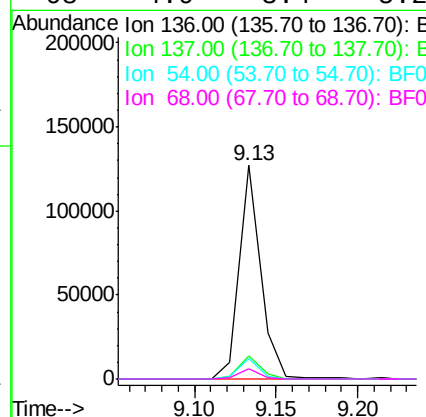
RT: 9.13 min Scan# 704

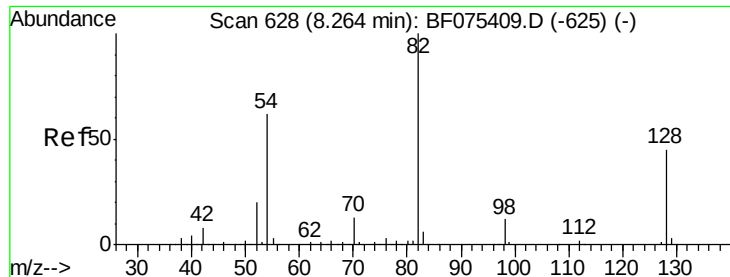
Delta R.T. 0.00 min

Lab File: BF075604.D

Acq: 17 Nov 2014 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		115545		
137	10.8	8.2	12.4		
54	9.4	6.2	9.4		
68	4.9	3.4	5.2		





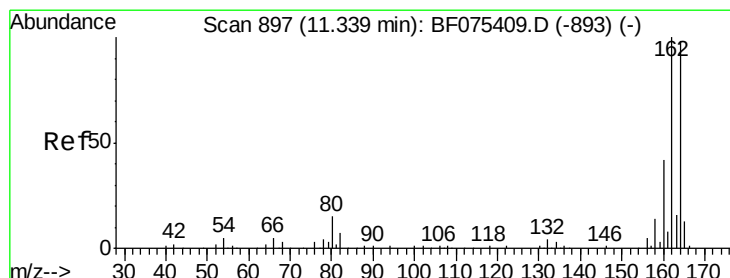
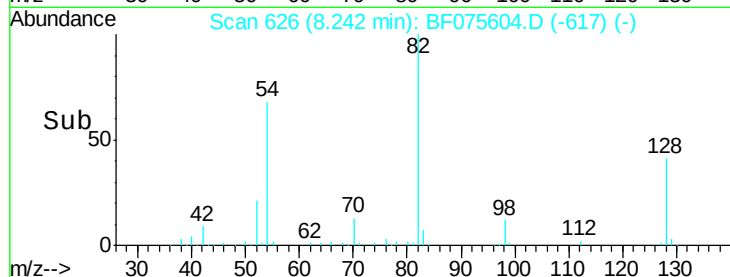
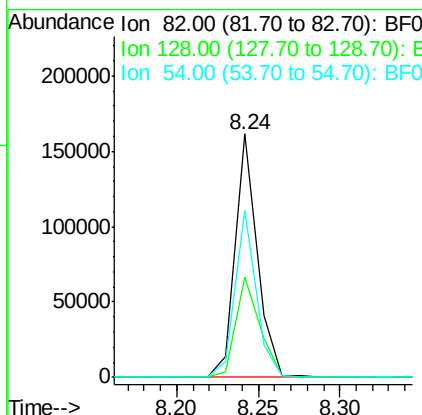
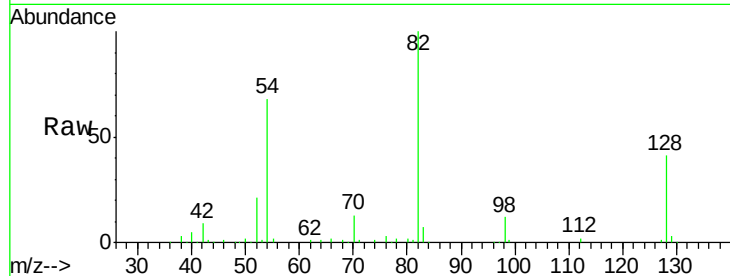
#23
Nitrobenzene-d5
Concen: 95.54 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	37.8	56.6
54	68.4	49.8	74.8

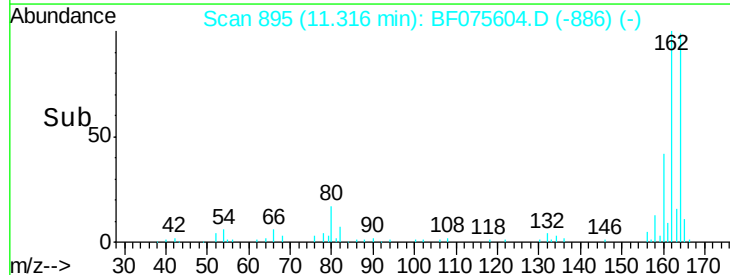
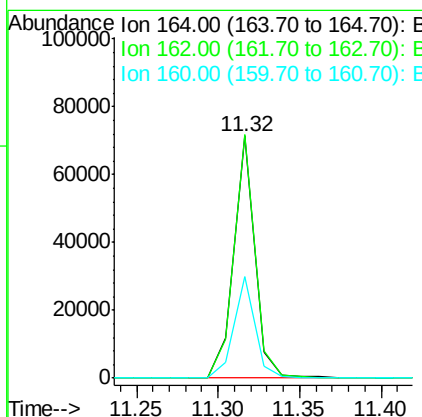
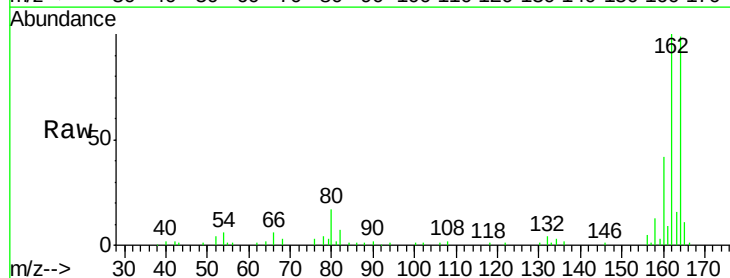
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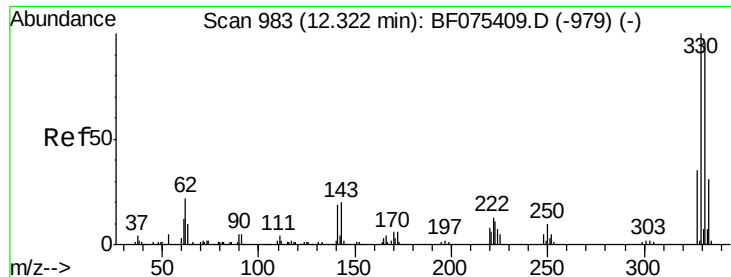
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.1	118.7
160	41.9	34.6	51.8





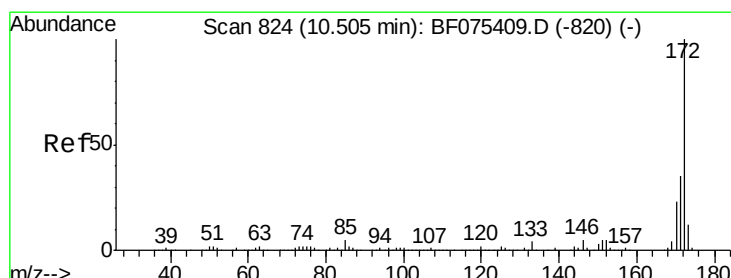
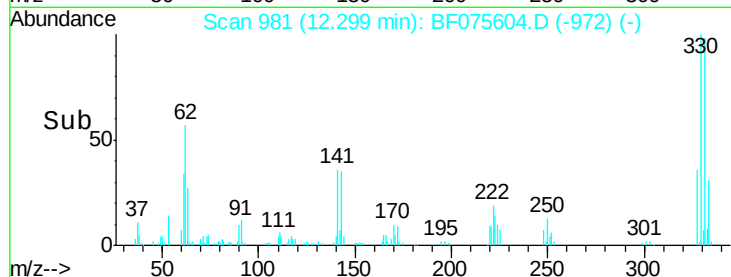
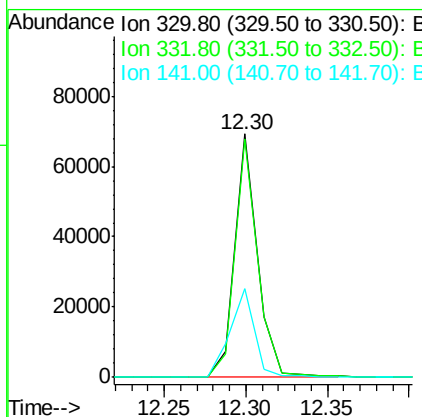
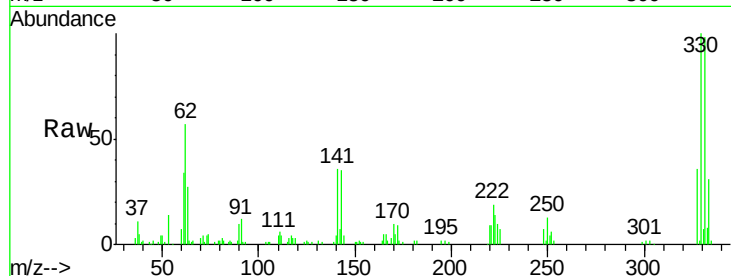
#41
 2,4,6-Tribromophenol
 Concen: 125.03 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075604.D
 Acq: 17 Nov 2014 2:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-A

Tot Ion:	330	Resp:	66335
Ion Ratio	Lower	Upper	
330	100		
332	98.4	74.5	111.7
141	39.4	30.7	46.1

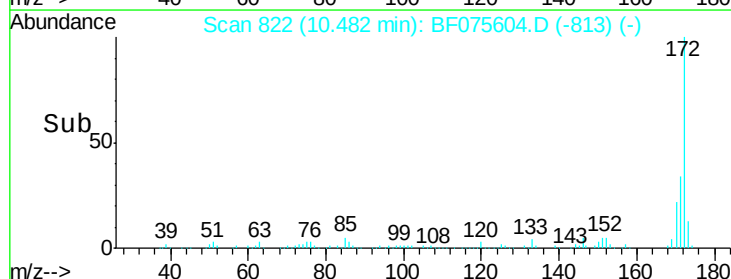
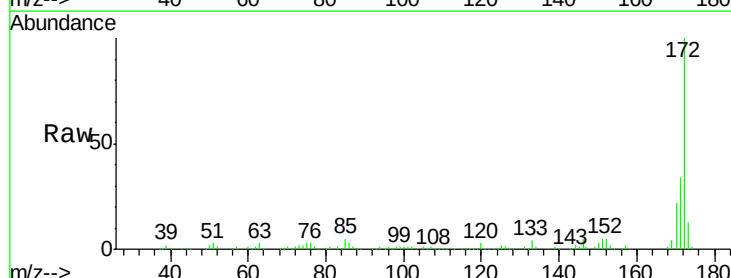
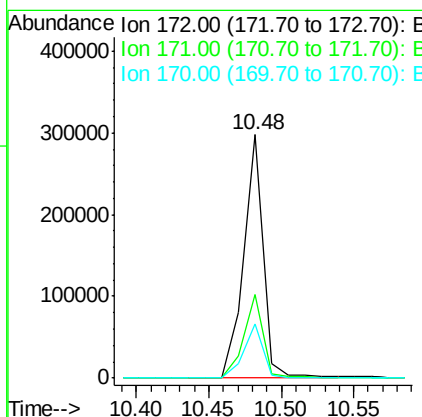
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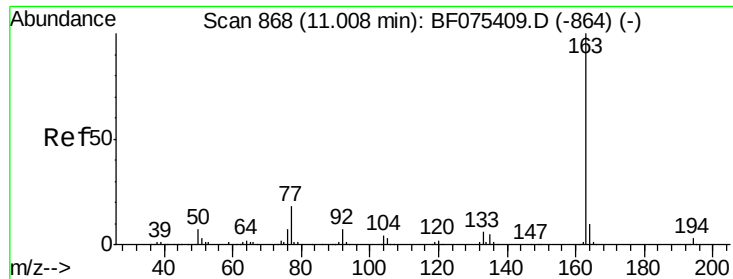
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#44
 2-Fluorobiphenyl
 Concen: 79.89 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075604.D
 Acq: 17 Nov 2014 2:46

Tgt Ion:	172	Resp:	280072
Ion Ratio	Lower	Upper	
172	100		
171	34.5	27.3	40.9
170	22.2	18.4	27.6





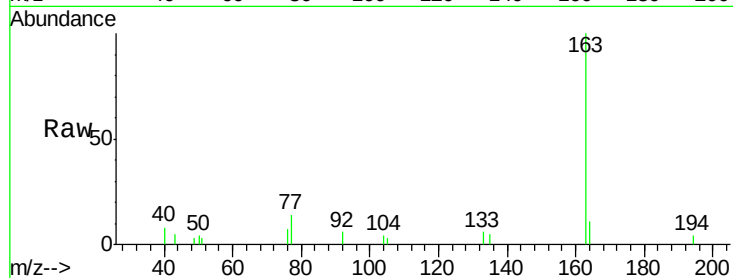
#49
Dimethylphthalate
Concen: 2.75 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.9	8.0	12.0

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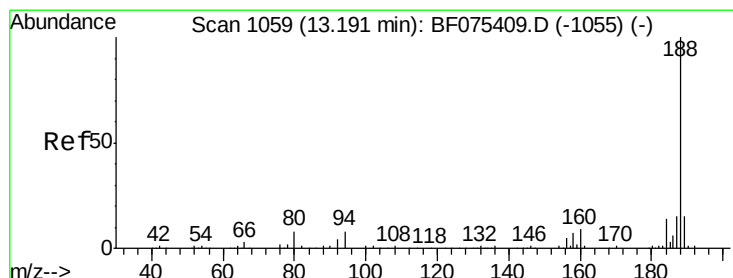
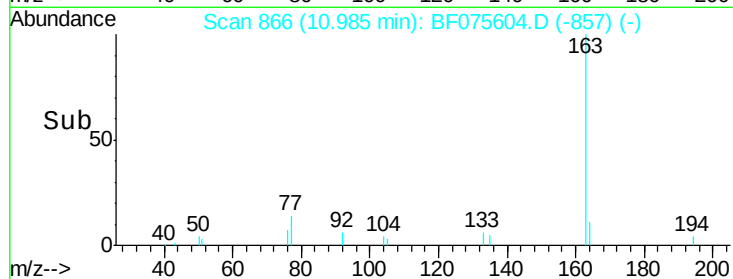
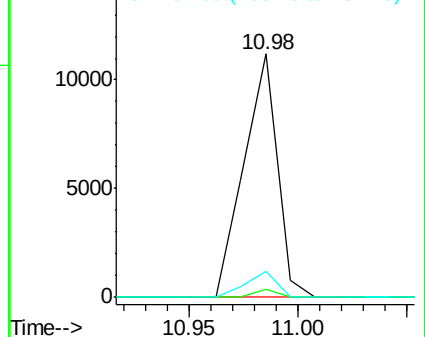


Abundance

Ion 163.00 (162.70 to 163.70): E

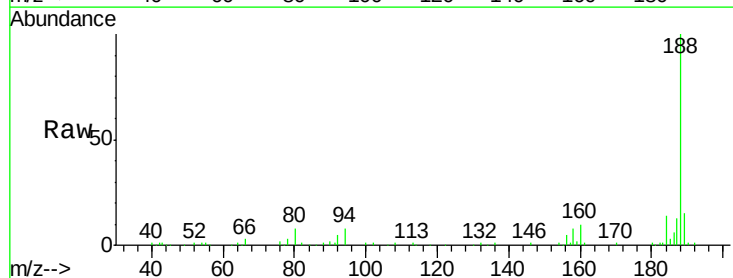
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.8	11.6
80	8.0	8.0	12.0

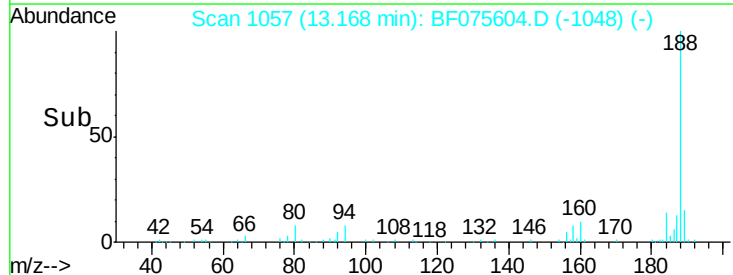
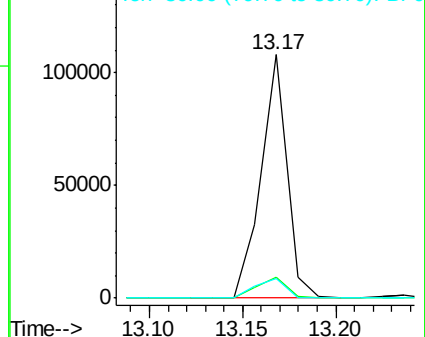


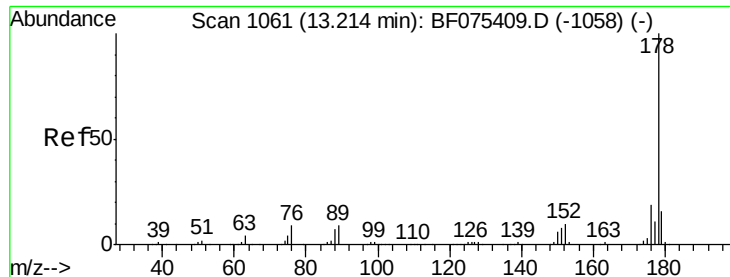
Abundance

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





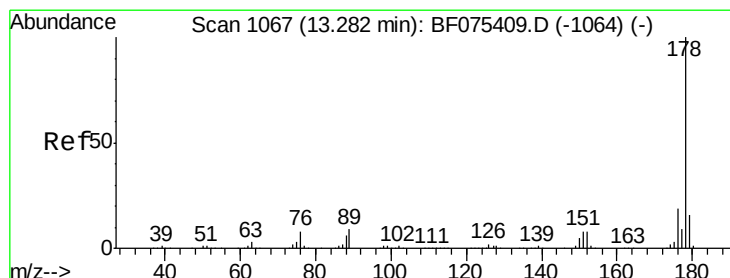
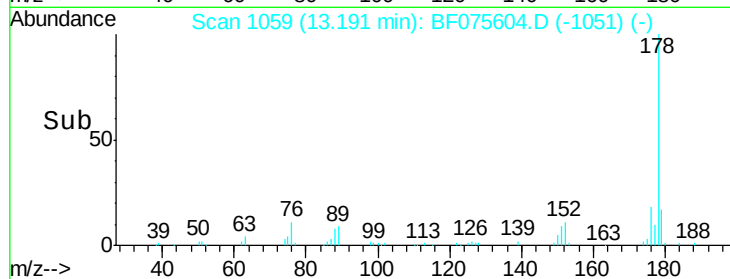
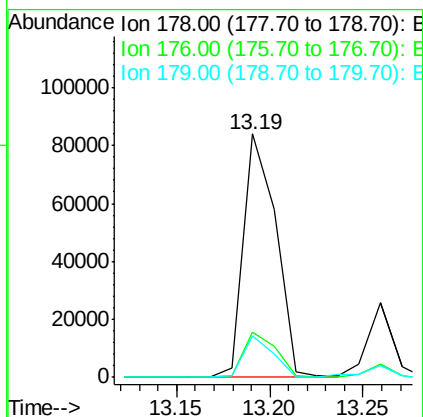
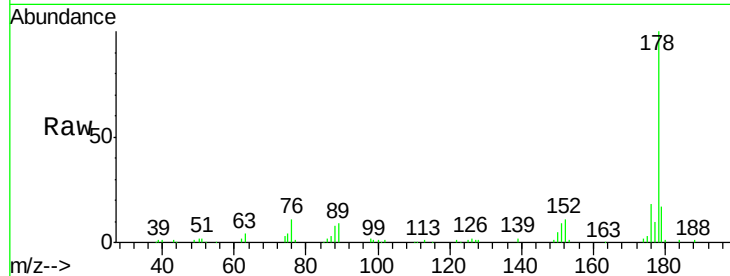
#70
Phenanthrene
Concen: 18.68 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.3	22.9
179	16.7	12.2	18.4

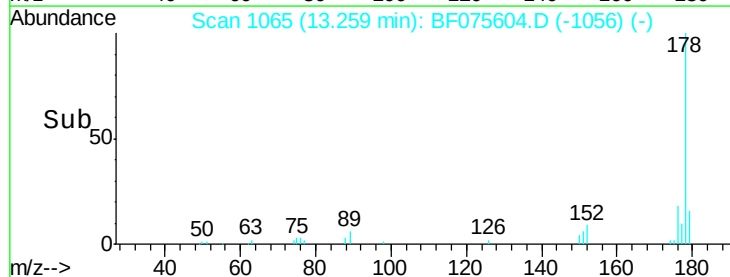
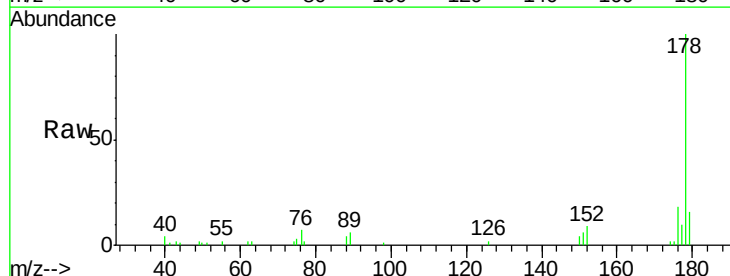
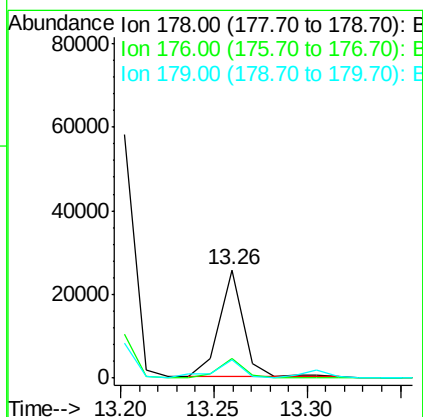
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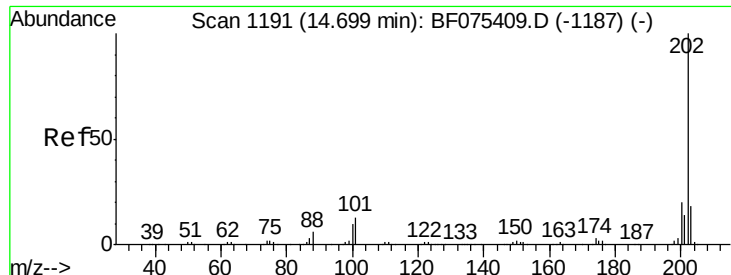
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#71
Anthracene
Concen: 4.03 ng
RT: 13.26 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	16.4	12.2	18.2





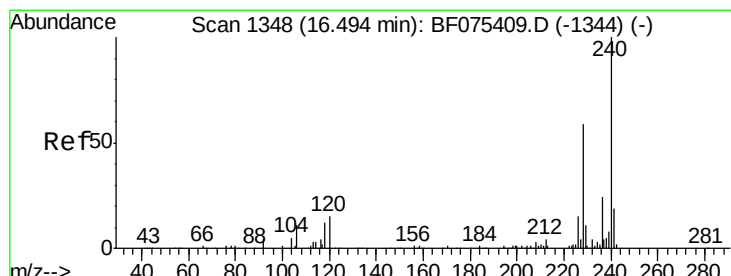
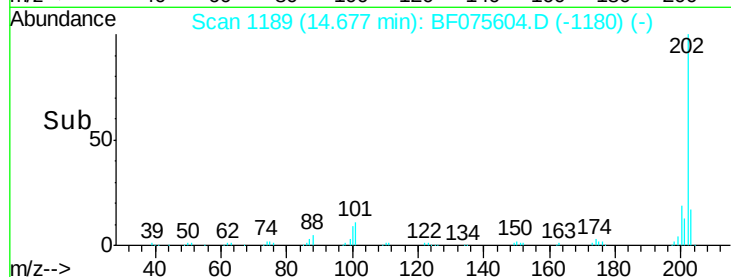
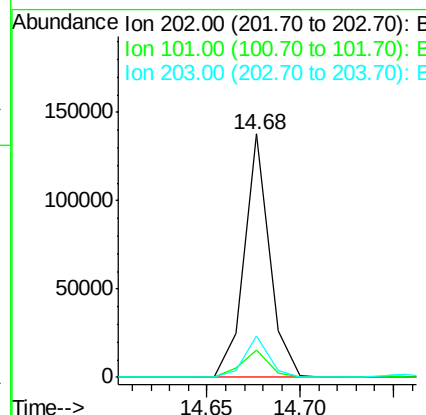
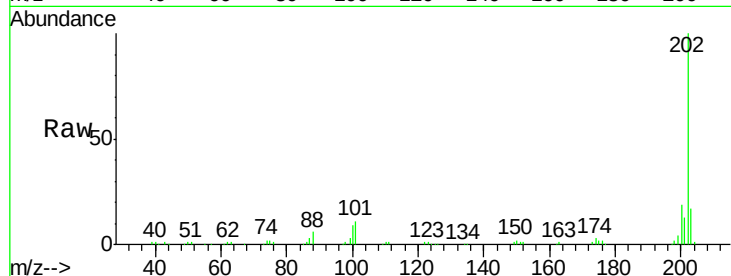
#74
 Fluoranthene
 Concen: 22.41 ng
 RT: 14.68 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF075604.D
 Acq: 17 Nov 2014 2:46

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-008-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.4	0.0	36.6		
203	17.0	0.0	38.2		

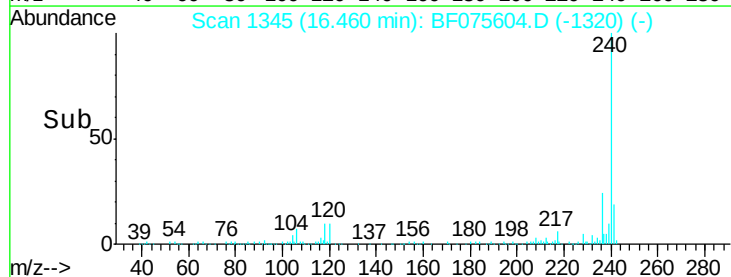
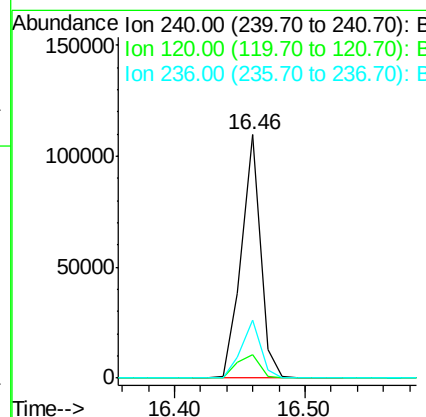
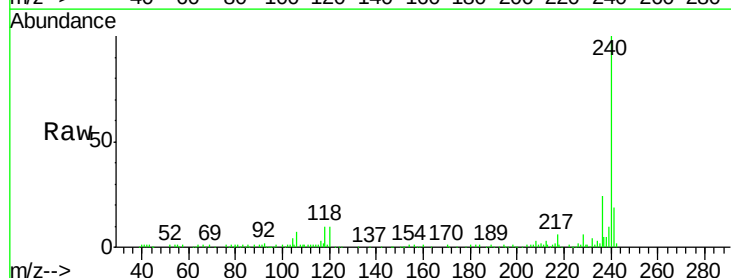
Manual Integrations
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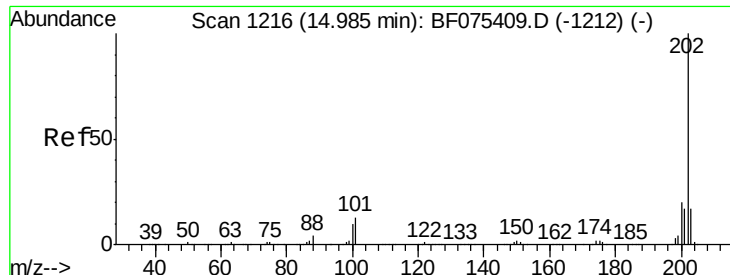
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF075604.D
 Acq: 17 Nov 2014 2:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.8	9.6	14.4		
236	23.6	18.9	28.3		





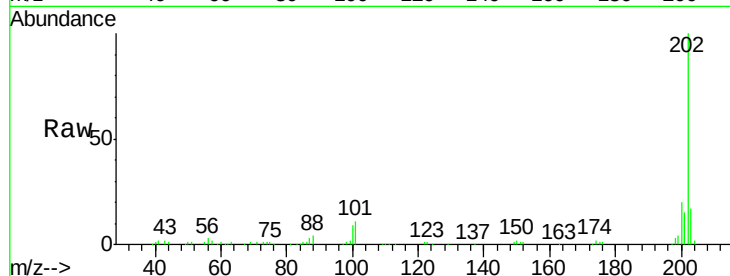
#77
Pvrene
Concen: 16.90 ng
RT: 14.96 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

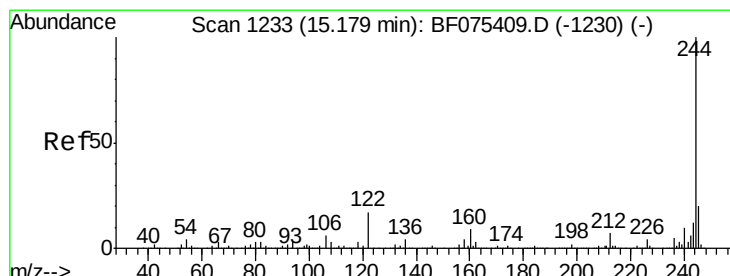
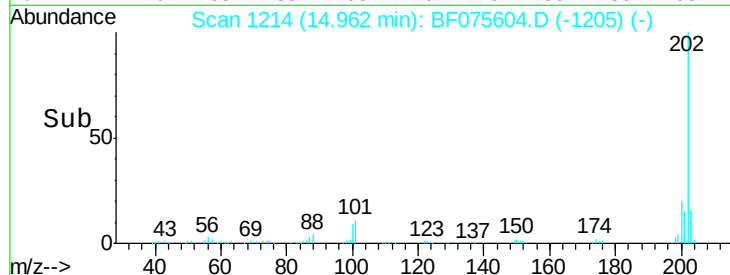
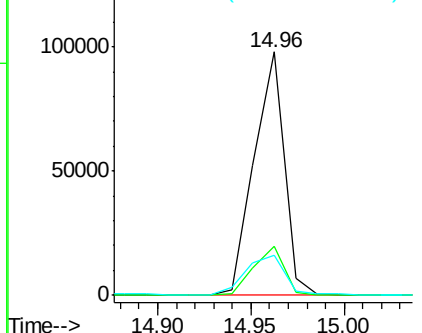
Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	16.8	25.2
203	16.6	14.3	21.5

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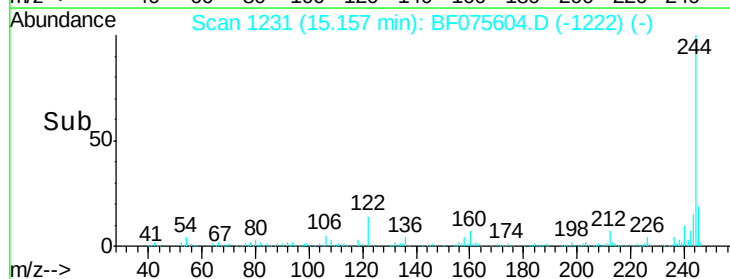
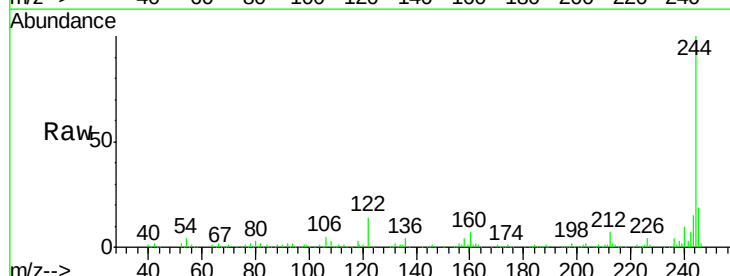
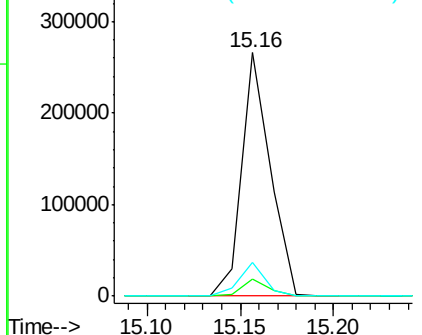
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

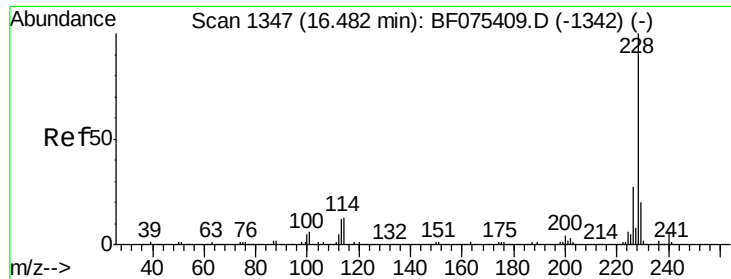


#78
Terphenyl-d14
Concen: 67.96 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.5	8.3
122	13.9	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





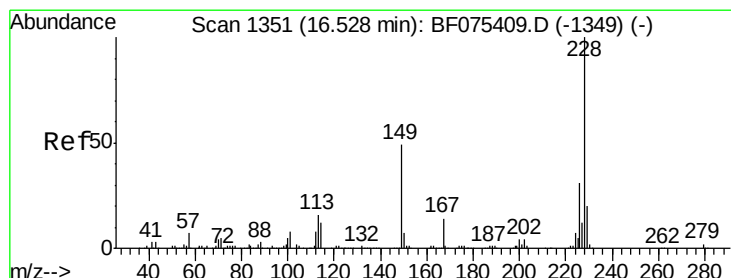
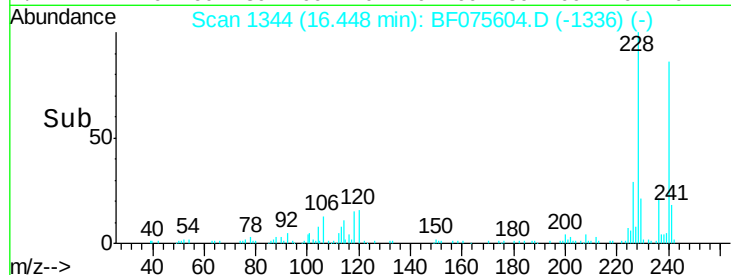
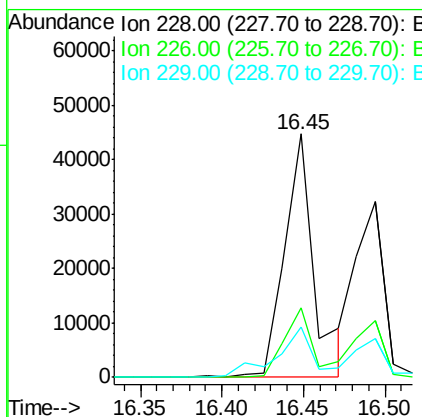
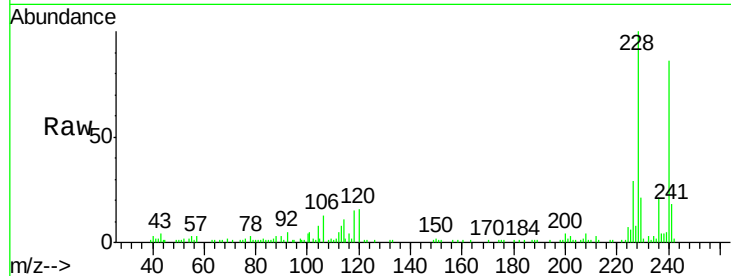
#80
Benzo(a)anthracene
Concen: 9.64 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

Tot Ion:	228	Resp:	56784
Ion Ratio	Lower	Upper	
228	100		
226	28.6	21.8	32.8
229	20.6	15.3	22.9

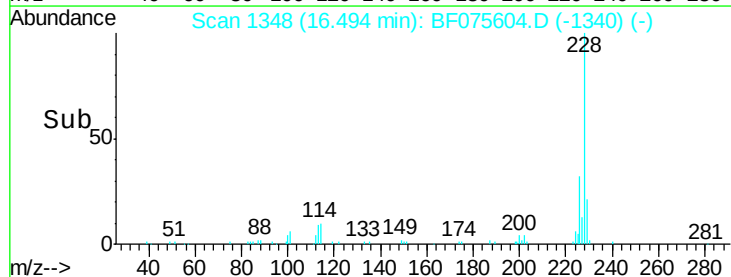
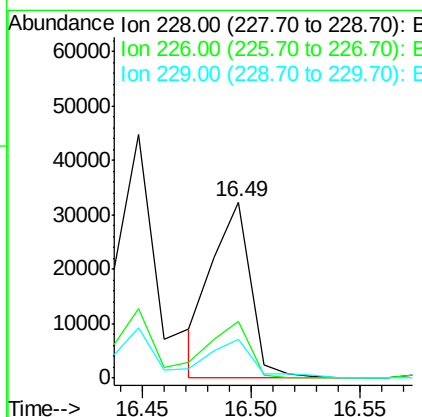
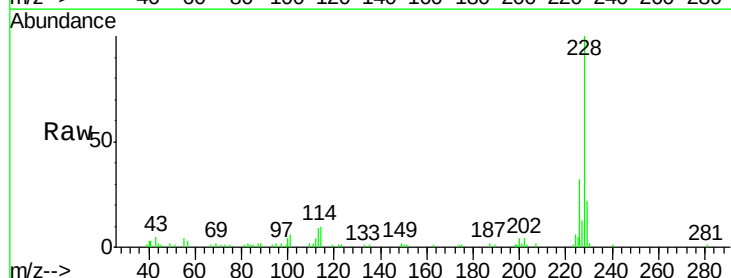
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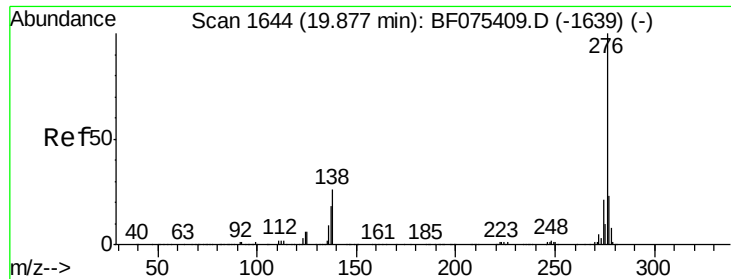
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#82
Chrysene
Concen: 7.82 ng
RT: 16.49 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion:	228	Resp:	39863
Ion Ratio	Lower	Upper	
228	100		
226	32.0	23.8	35.6
229	21.8	15.8	23.6





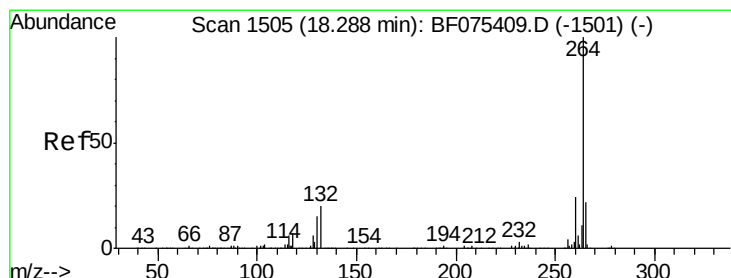
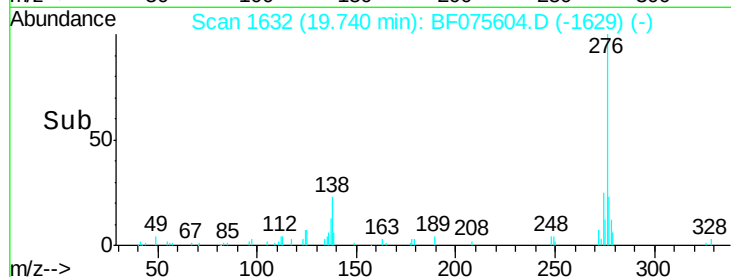
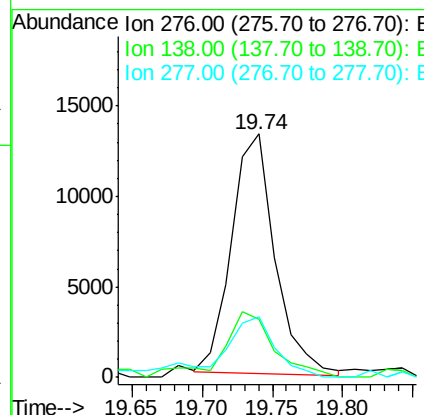
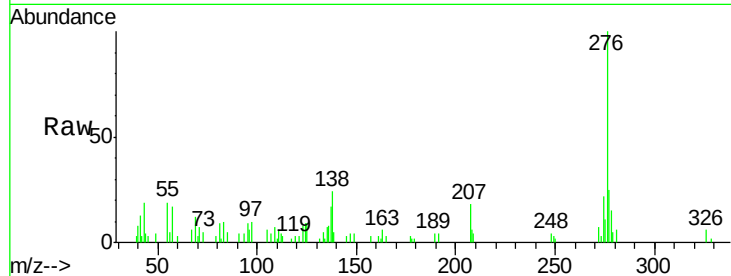
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.61 ng/mL
RT: 19.74 min Scan# 1632
Delta R.T. -0.07 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	23.9	0.0	0.0#
277	21.7	0.0	0.0#

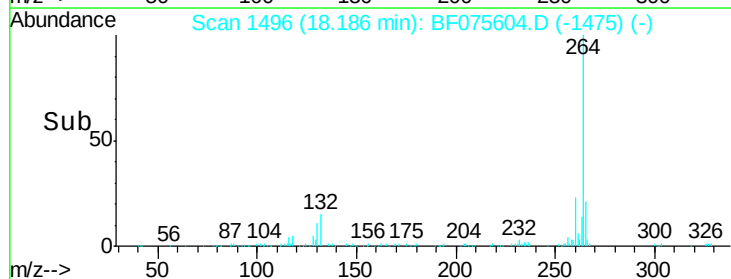
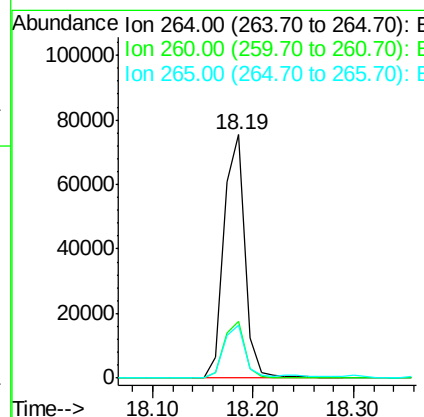
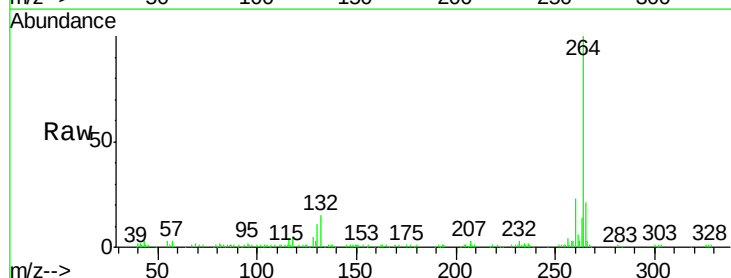
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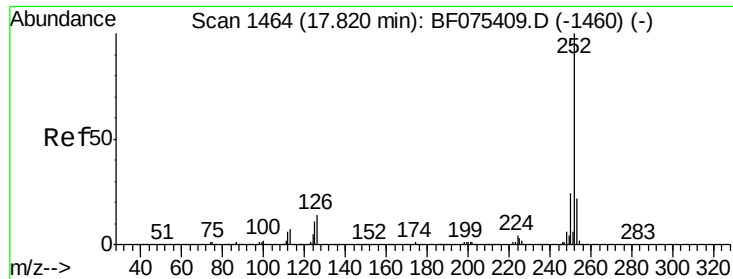
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. -0.06 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.4	17.9	26.9
265	21.5	16.3	24.5





#87

Benzo(b)fluoranthene

Concen: 10.54 ng m

RT: 17.72 min Scan# 1455

Delta R.T. -0.06 min

Lab File: BF075604.D

Acq: 17 Nov 2014 2:46

Instrument :

BNA_F

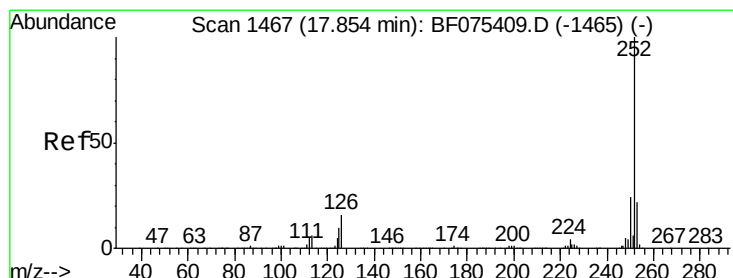
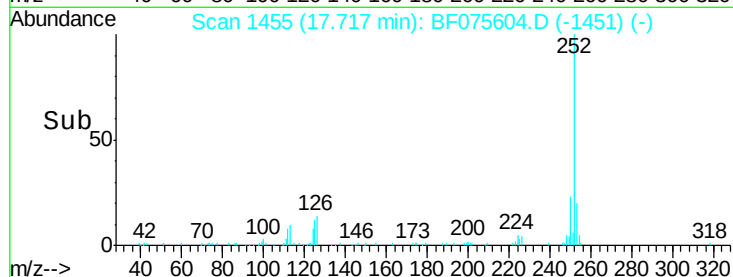
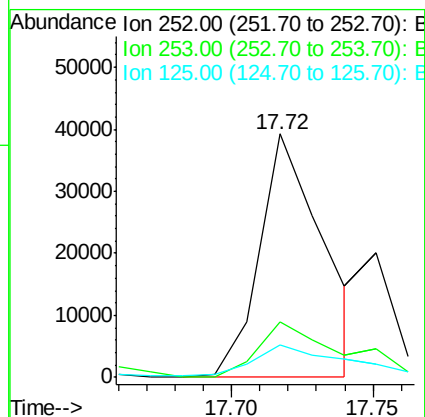
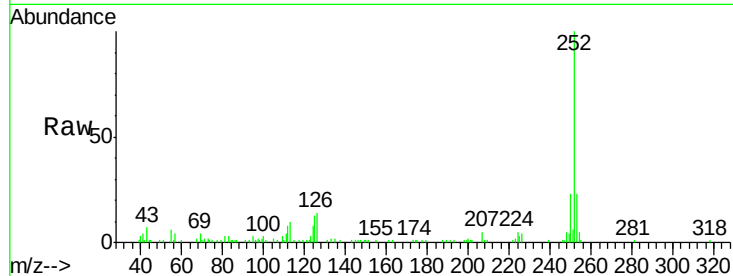
ClientSampleId :

FK-GF-01-008-A

Tot Ion:	252	Resp:	61505
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.7	26.5
125	13.2	11.8	17.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.26 ng m

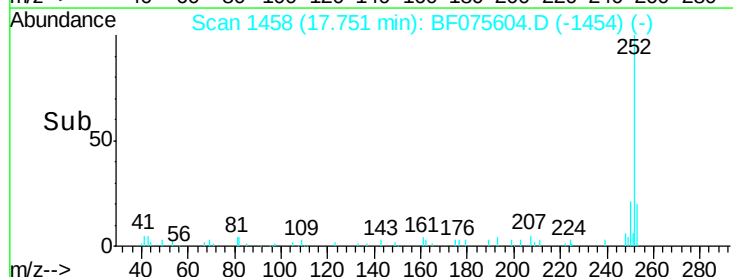
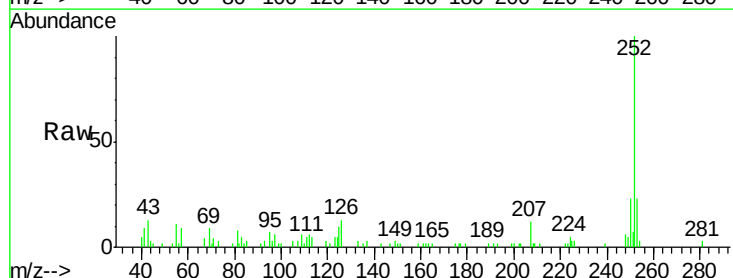
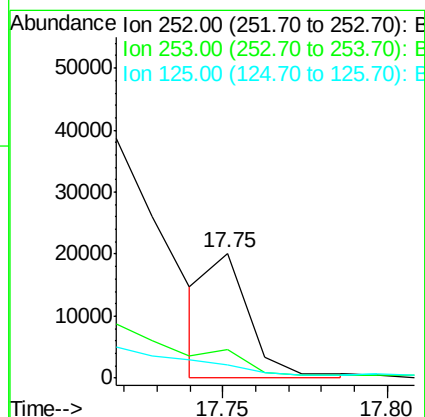
RT: 17.75 min Scan# 1458

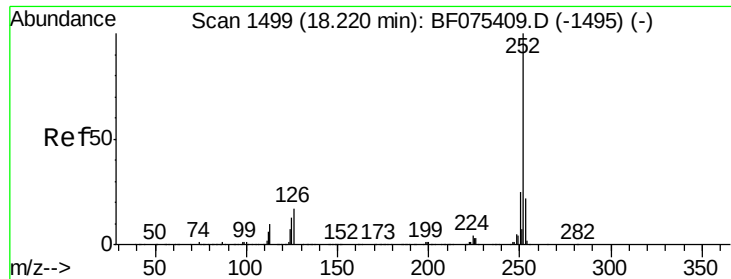
Delta R.T. -0.06 min

Lab File: BF075604.D

Acq: 17 Nov 2014 2:46

Tgt Ion:	252	Resp:	17081
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	10.3	11.6	17.4#





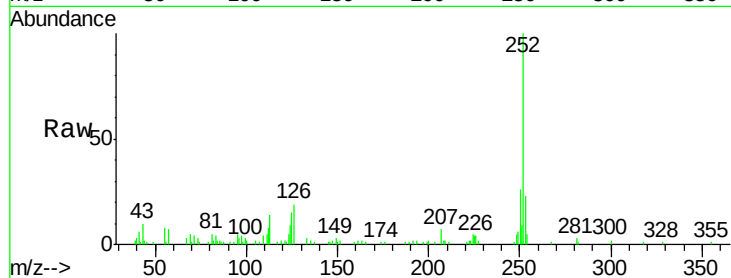
#89
Benzo(a)pyrene
Concen: 8.05 ng
RT: 18.11 min Scan# 1489
Delta R.T. -0.07 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	15.0	12.2	18.4

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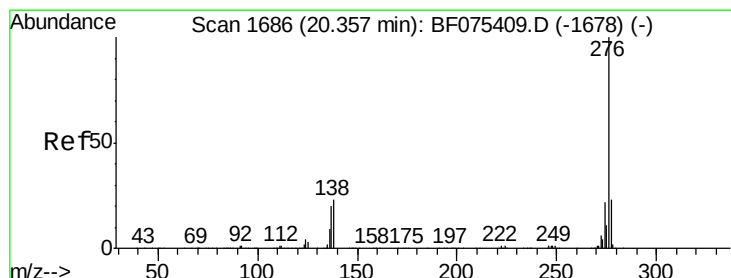
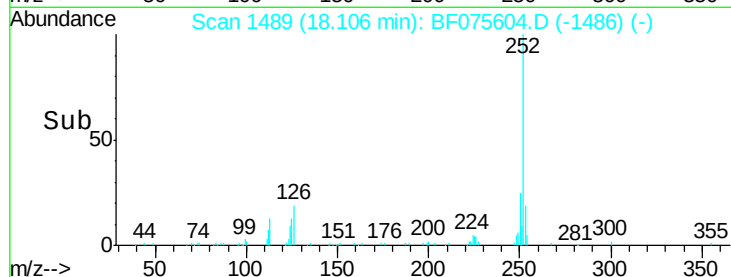
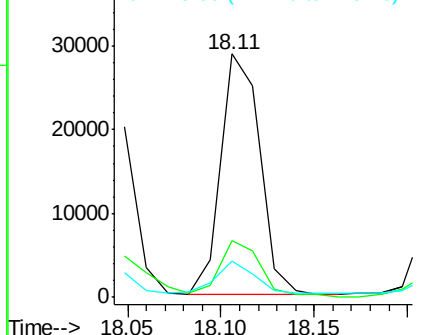


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 5.44 ng
RT: 20.20 min Scan# 1672
Delta R.T. -0.09 min
Lab File: BF075604.D
Acq: 17 Nov 2014 2:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	17.8	26.8
138	27.2	22.8	34.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

