

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075605.D
 Acq On : 17 Nov 2014 3:14
 Operator : TP / JJ
 Sample : F4756-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Nov 17 07:05:39 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	31623	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	134975	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	71138	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	128117	20.00	ng	0.00
75) Chrysene-d12	16.46	240	143847	20.00	ng	-0.01
86) Perylene-d12	18.22	264	127584	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	226865	126.74	ng	0.00
7) Phenol-d6	7.11	99	288062	133.82	ng	0.00
23) Nitrobenzene-d5	8.24	82	161470	87.71	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	72215	121.20	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	318846	80.99	ng	0.00
78) Terphenyl-d14	15.16	244	353696	66.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.98	163	15166	3.12	ng	96
70) Phenanthrene	13.19	178	15424	2.29	ng	96
74) Fluoranthene	14.68	202	34843	4.82	ng	98
77) Pyrene	14.96	202	29083	3.48	ng	97
80) Benzo(a)anthracene	16.45	228	16583	2.19	ng	94
87) Benzo(b)fluoranthene	17.75	252	20688m	3.03	ng	

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

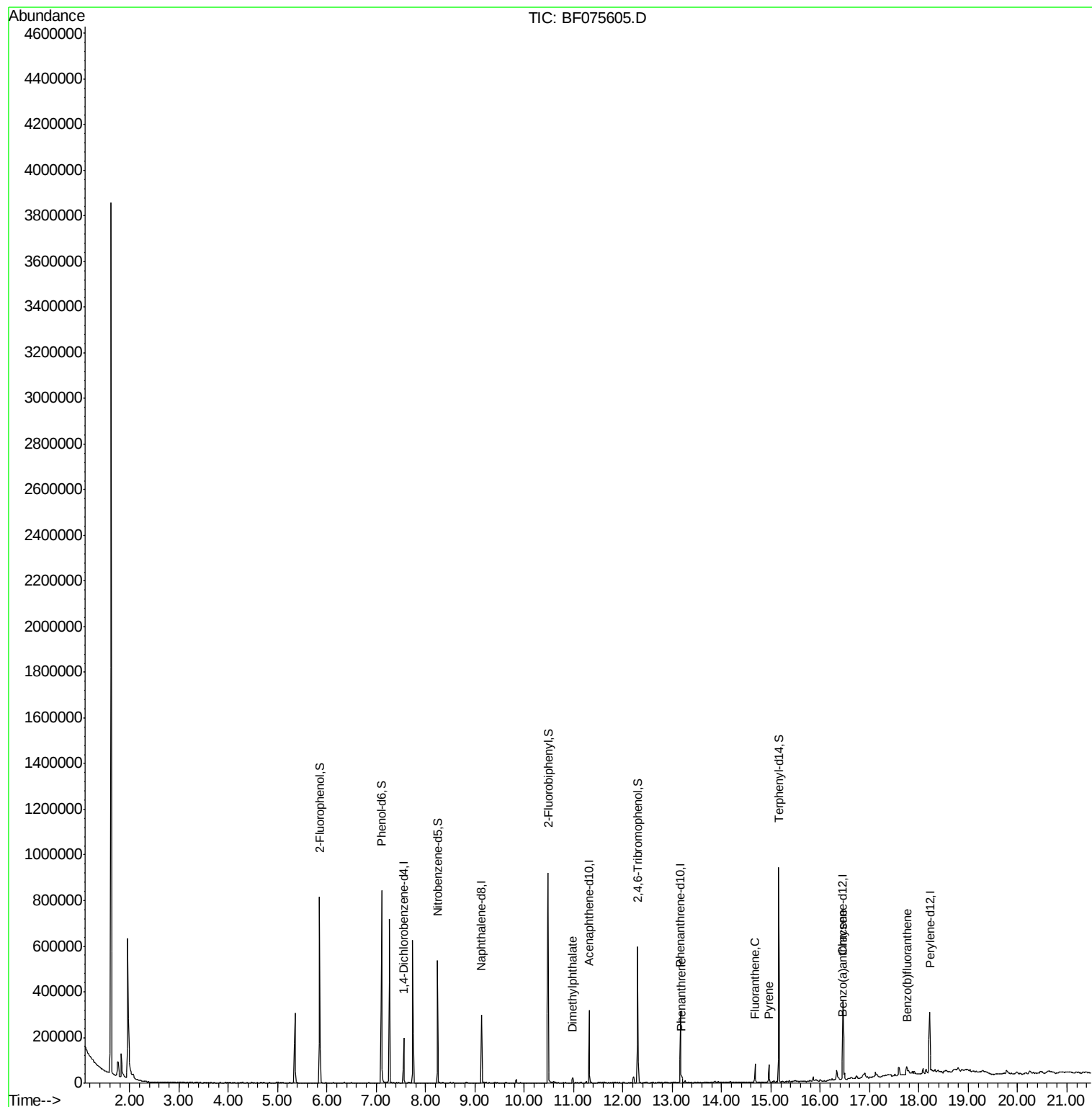
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075605.D
Acq On : 17 Nov 2014 3:14
Operator : TP / JJ
Sample : F4756-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

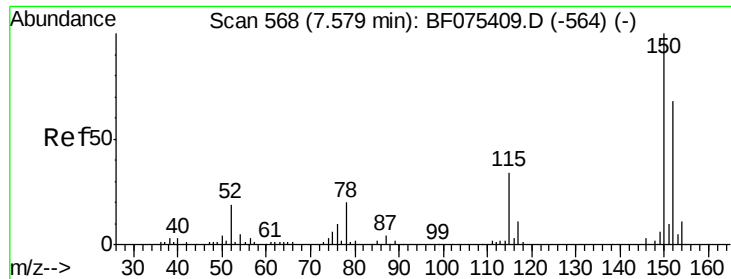
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-008-B

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Quant Time: Nov 17 07:05:39 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





#1

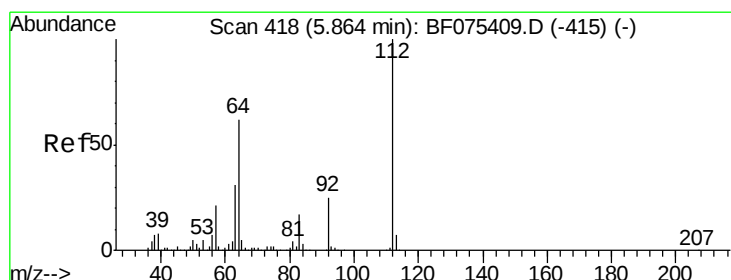
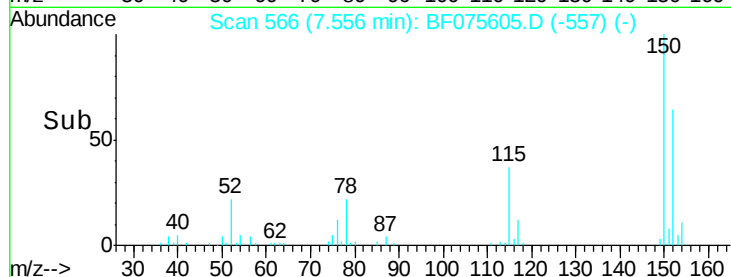
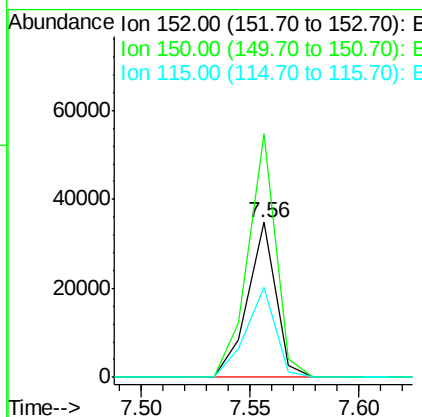
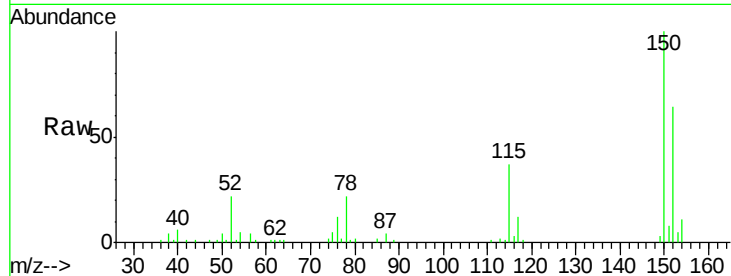
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.2	190.8
115	58.3	57.1	85.7

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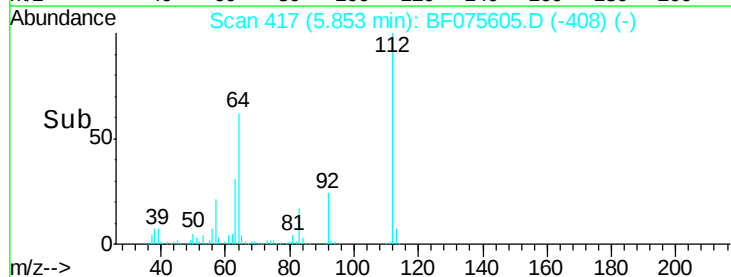
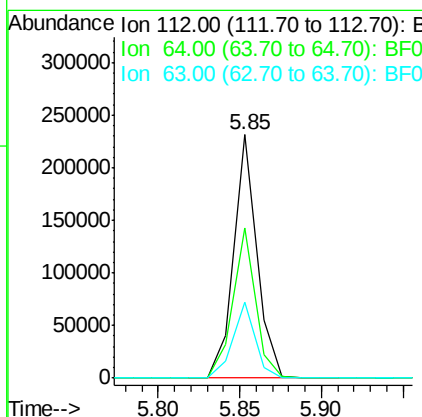
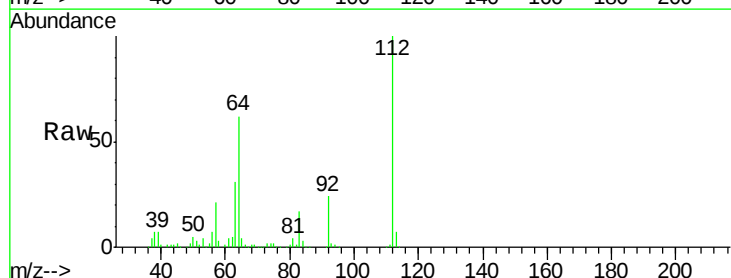
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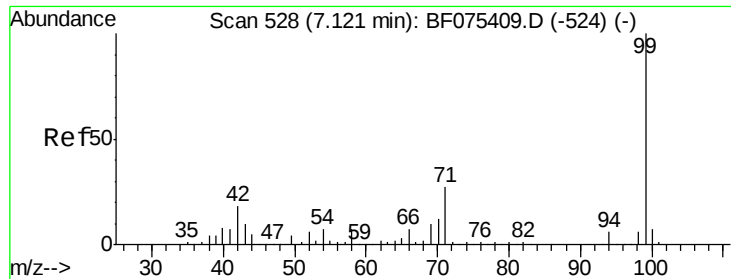


#5

2-Fluorophenol
Concen: 126.74 ng
RT: 5.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	45.8	68.6
63	31.1	22.7	34.1





#7

Phenol-d6

Concen: 133.82 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Instrument :

BNA_F

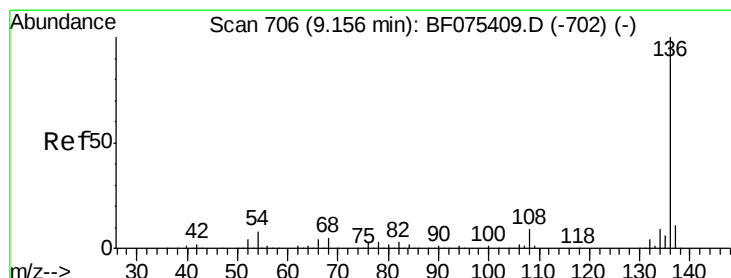
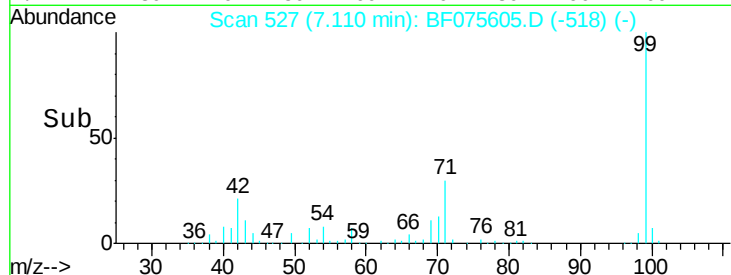
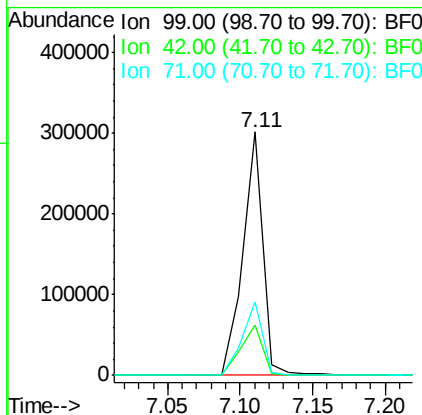
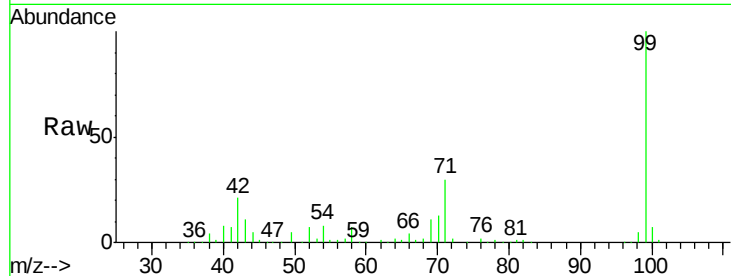
ClientSampleId :

FK-GF-01-008-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		288062		
42	20.9	19.8	29.6		
71	30.0	25.5	38.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

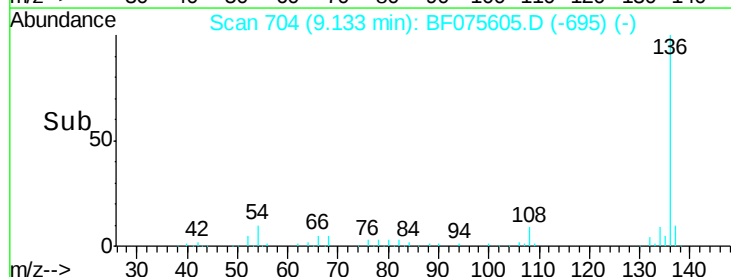
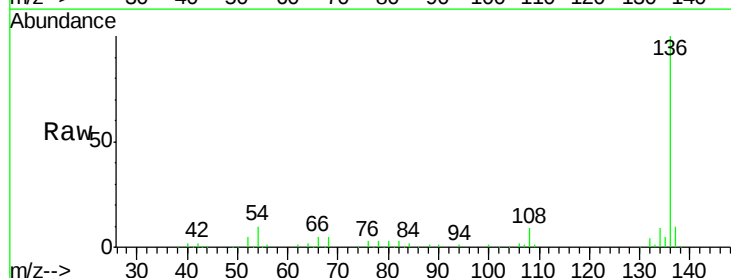
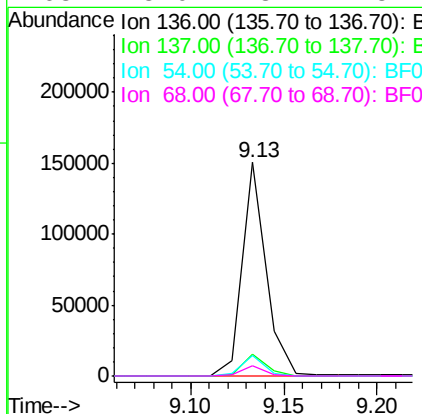
RT: 9.13 min Scan# 704

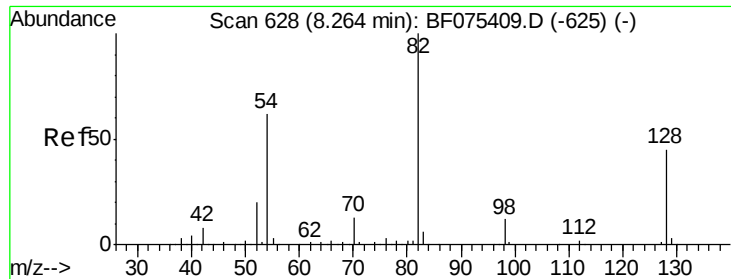
Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		134975		
137	10.3	8.2	12.4		
54	9.6	6.2	9.4		
68	5.0	3.4	5.2		





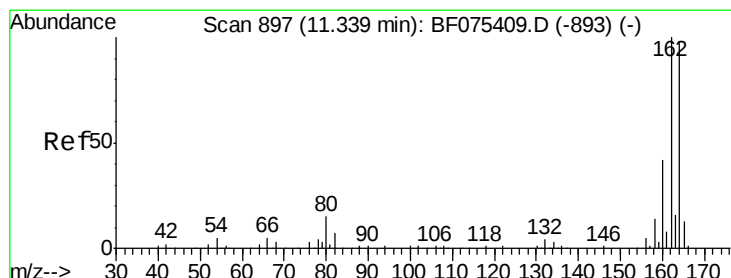
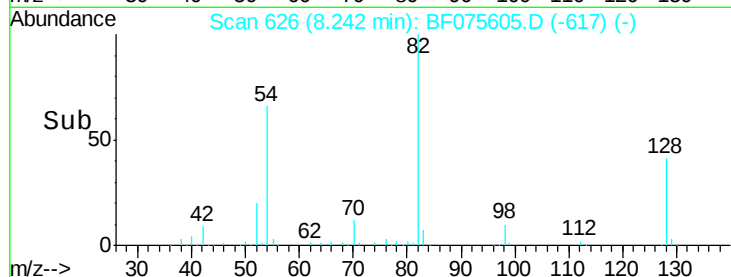
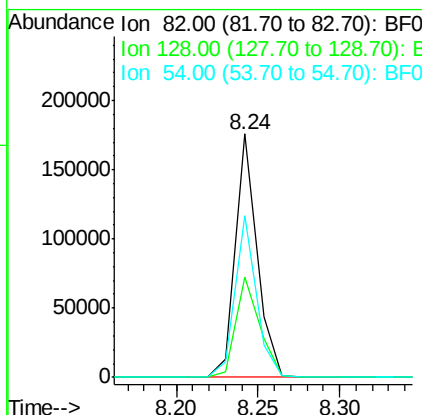
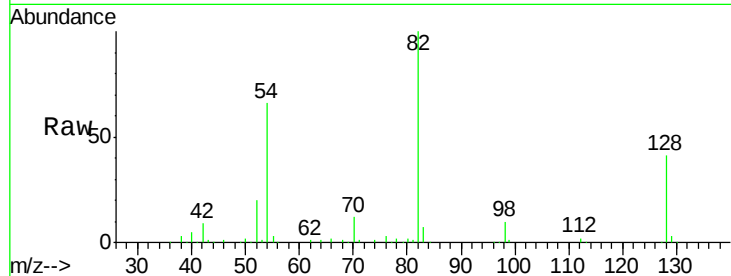
#23
 Nitrobenzene-d5
 Concen: 87.71 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	161470		
128	41.1	37.8	56.6	
54	66.3	49.8	74.8	

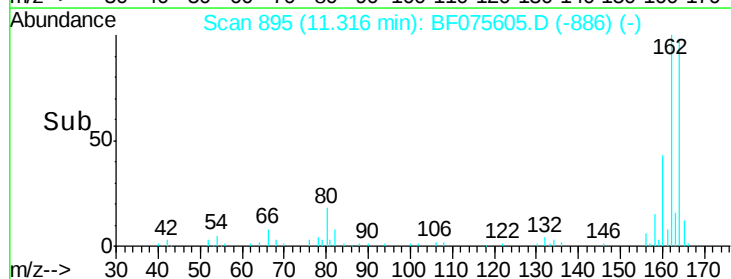
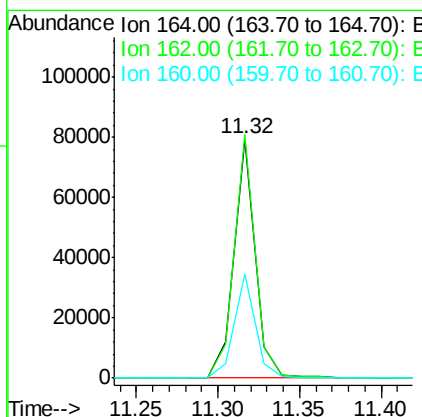
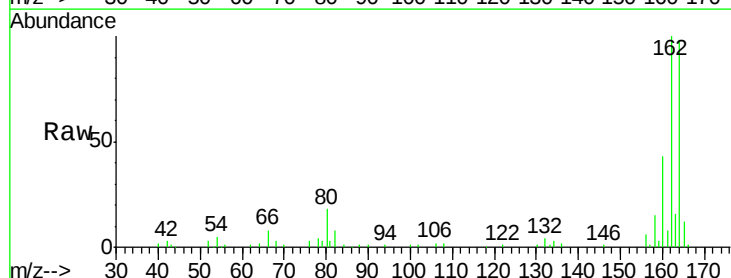
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71138		
162	102.0	79.1	118.7	
160	43.8	34.6	51.8	





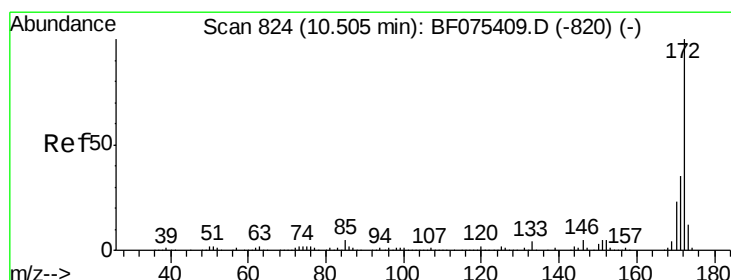
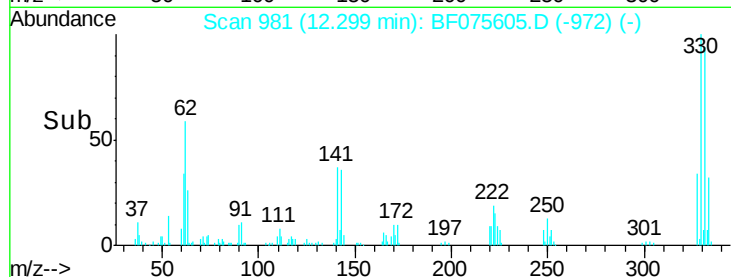
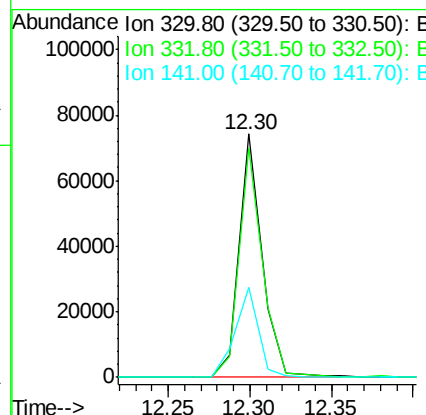
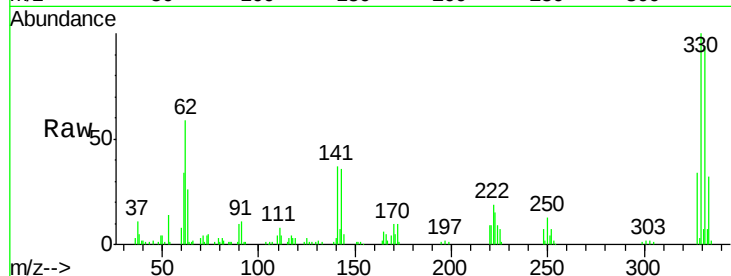
#41
 2,4,6-Tribromophenol
 Concen: 121.20 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	74.5	111.7
141	37.3	30.7	46.1

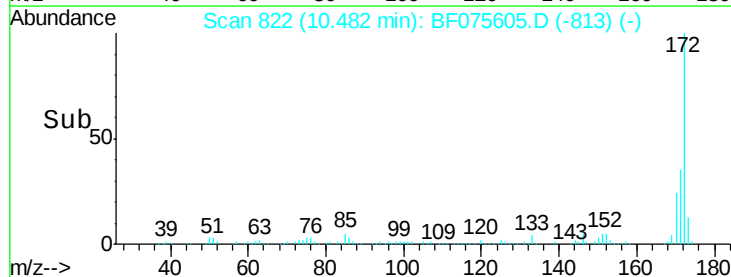
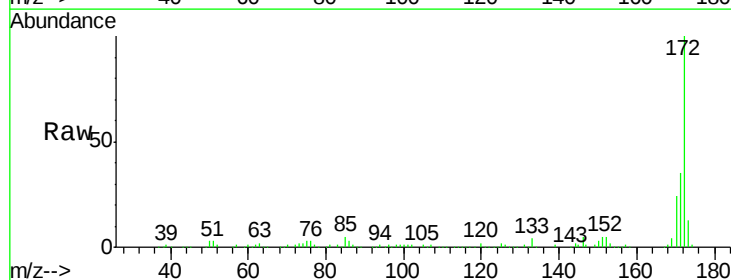
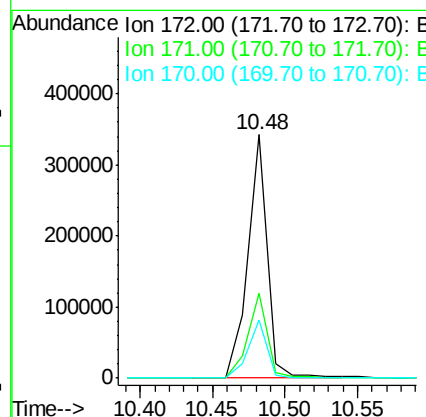
Manual Integrations
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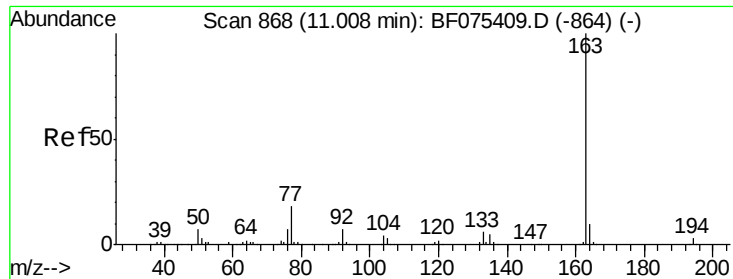
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#44
 2-Fluorobiphenyl
 Concen: 80.99 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.6	18.4	27.6





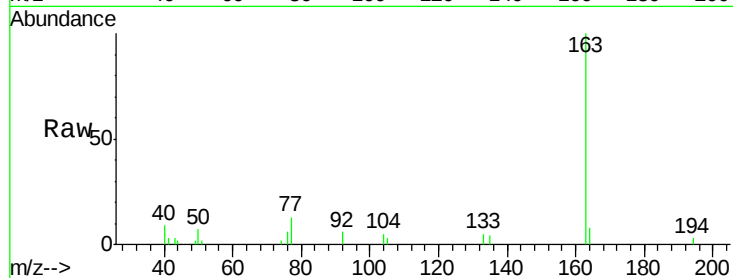
#49
Dimethylphthalate
Concen: 3.12 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

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

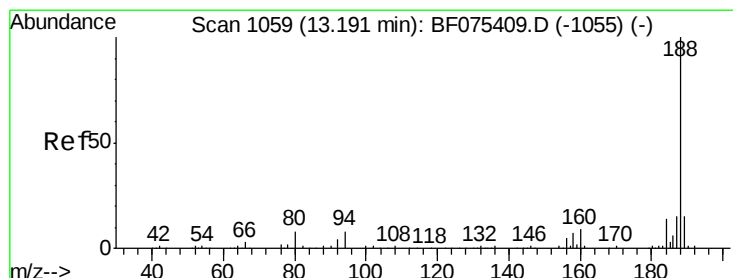
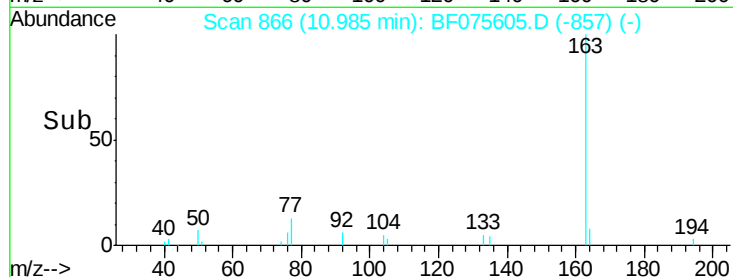
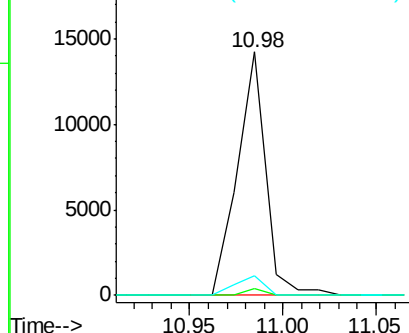
Tot Ion	Ratio	Resp	Lower	Upper
163	100	15166		
194	3.0	2.7	4.1	
164	8.1	8.0	12.0	

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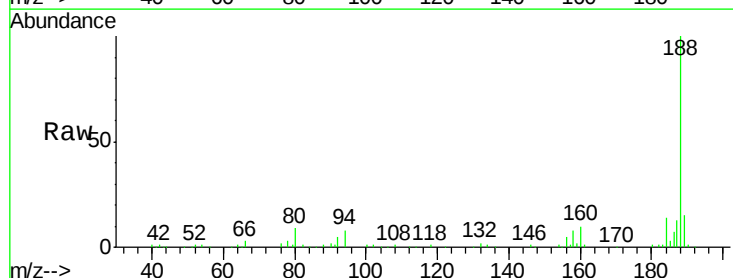


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

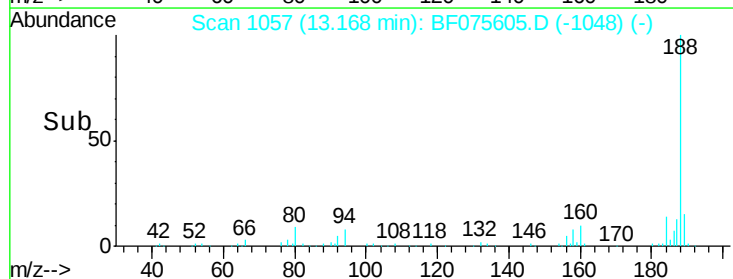
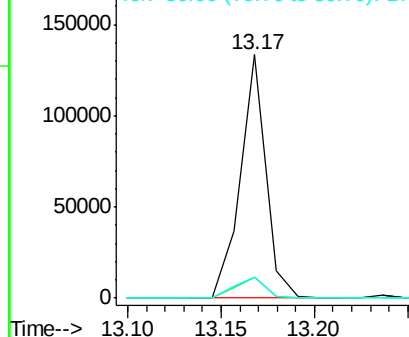


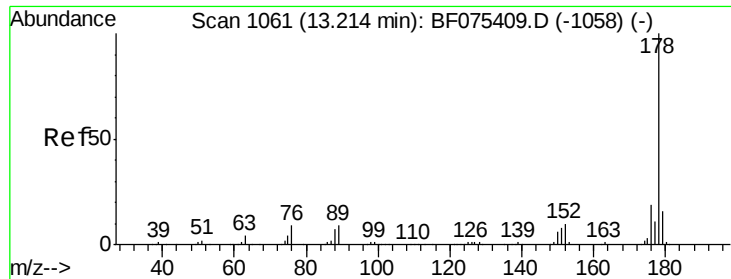
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	128117		
94	8.3	7.8	11.6	
80	8.8	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





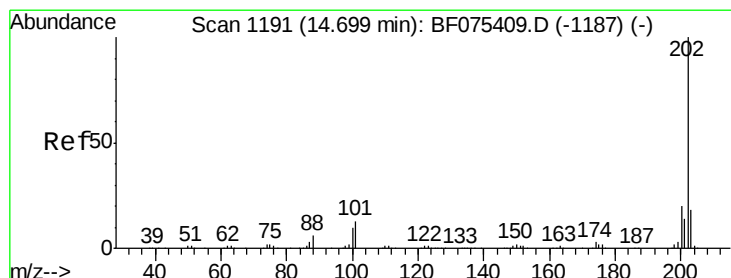
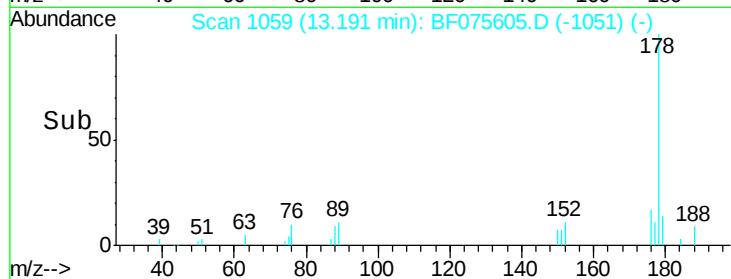
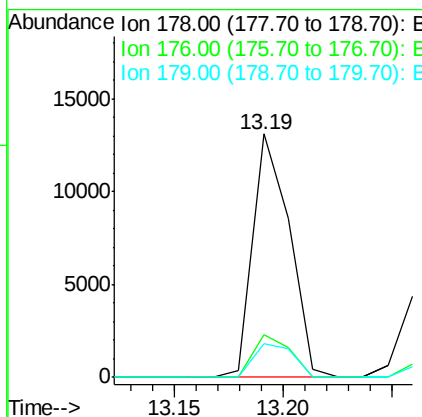
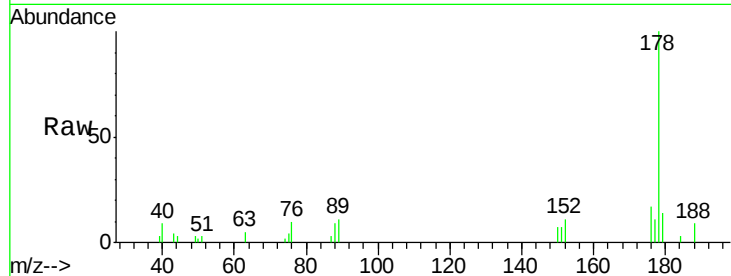
#70
Phenanthrene
Concen: 2.29 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.3	22.9
179	13.8	12.2	18.4

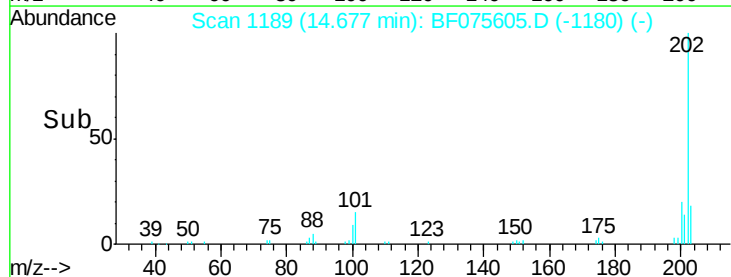
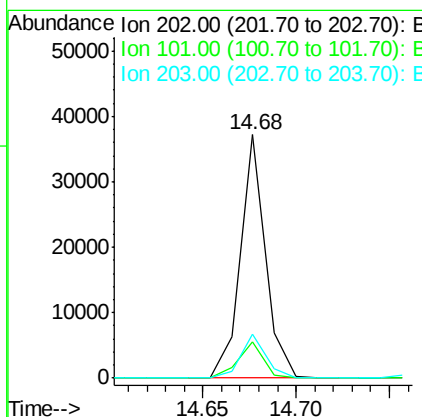
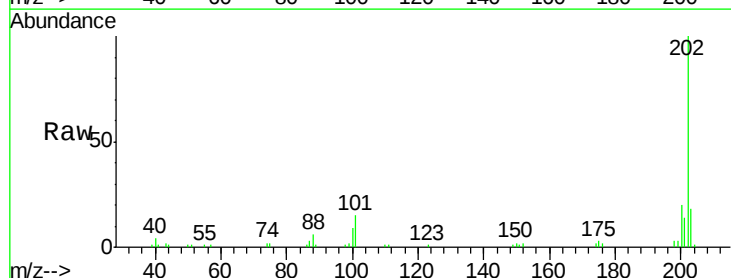
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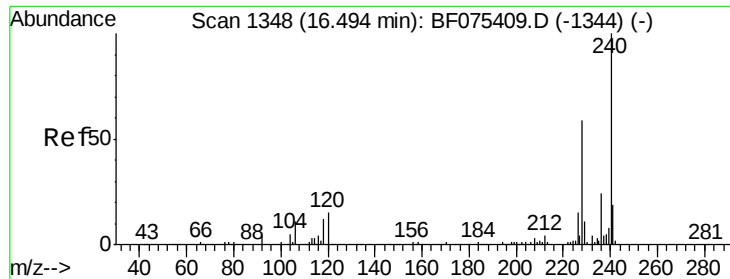
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#74
Fluoranthene
Concen: 4.82 ng
RT: 14.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	36.6
203	17.9	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Instrument :

BNA_F

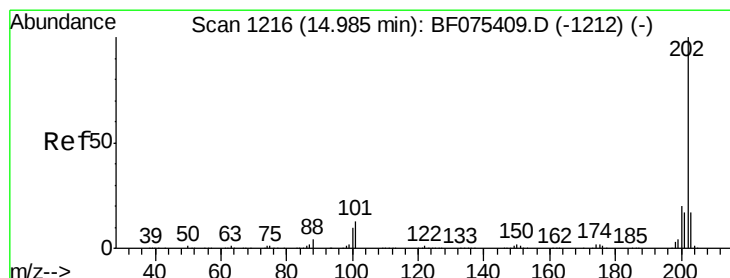
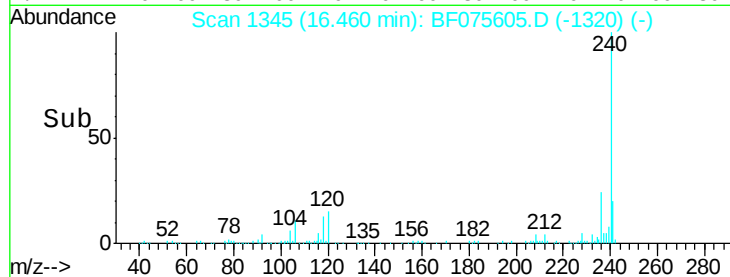
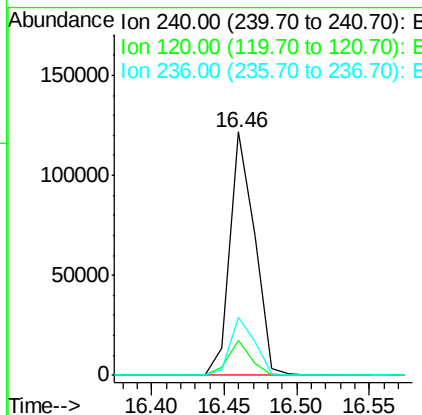
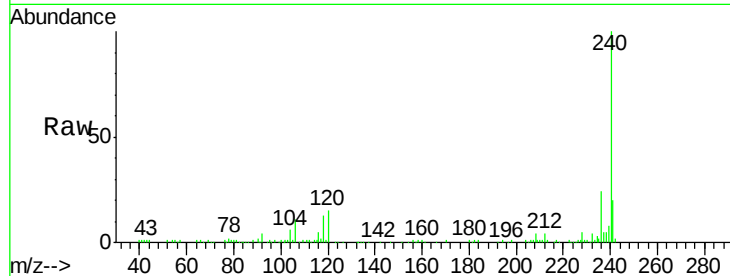
ClientSampleId :

FK-GF-01-008-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.6	14.4#
236	23.9	18.9	28.3

Manual Integrations
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#77

Pyrene

Concen: 3.48 ng

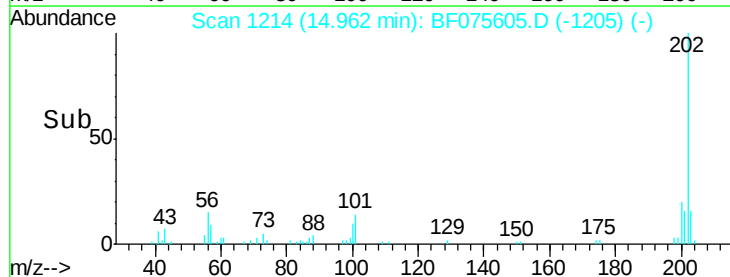
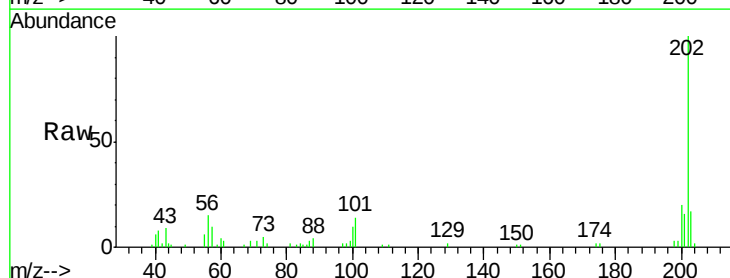
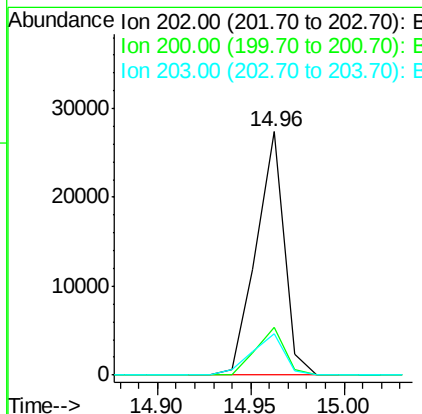
RT: 14.96 min Scan# 1214

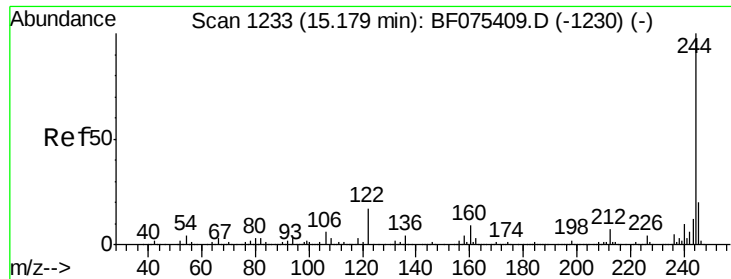
Delta R.T. 0.00 min

Lab File: BF075605.D

Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.8	25.2
203	16.9	14.3	21.5





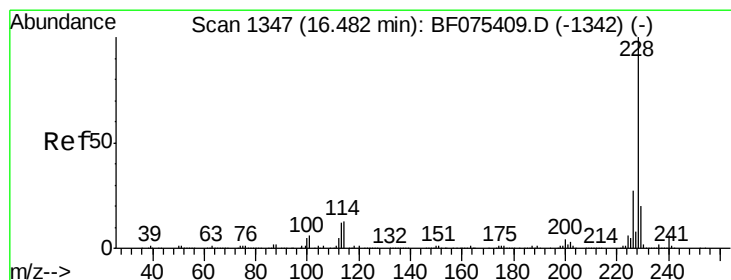
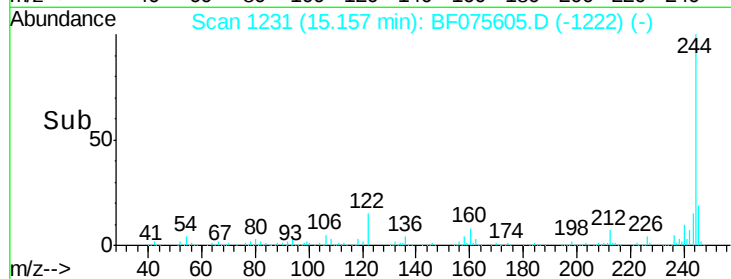
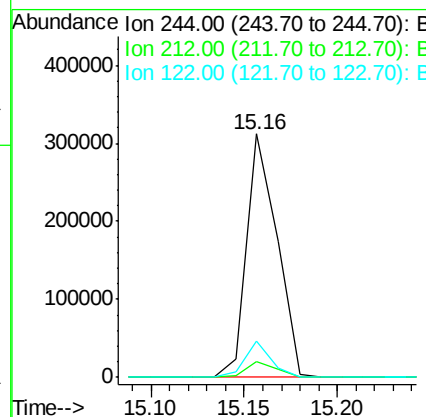
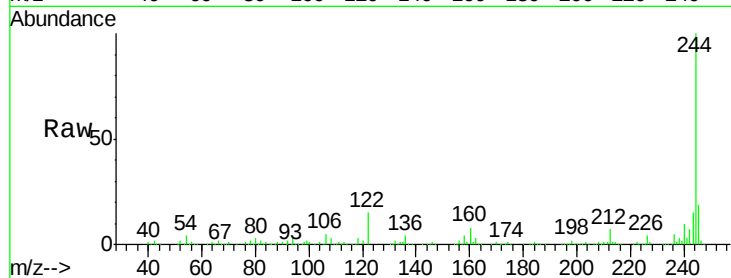
#78
 Terphenyl-d14
 Concen: 66.20 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	15.2	9.7	14.5

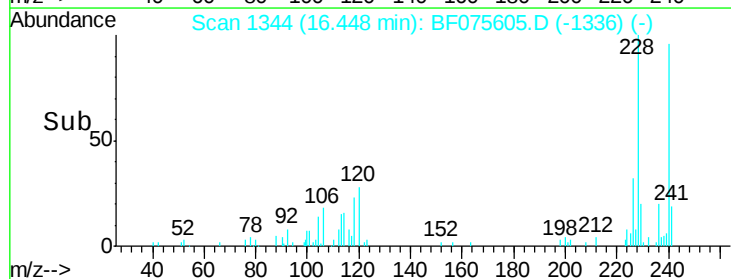
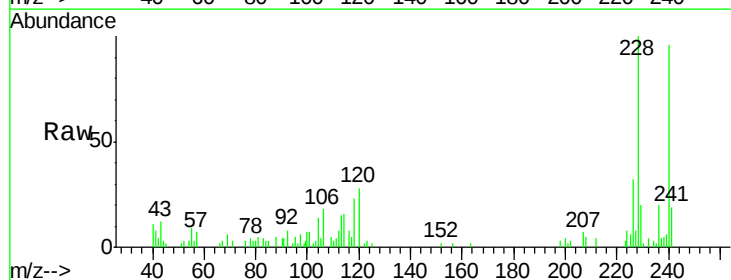
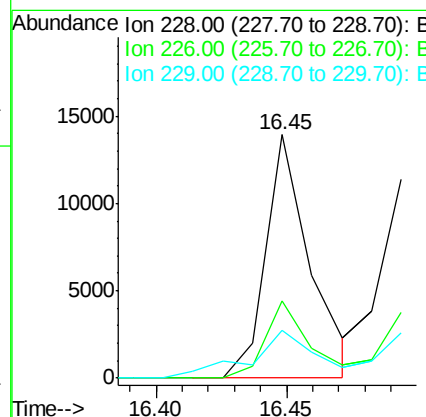
Manual Integrations
 APPROVED

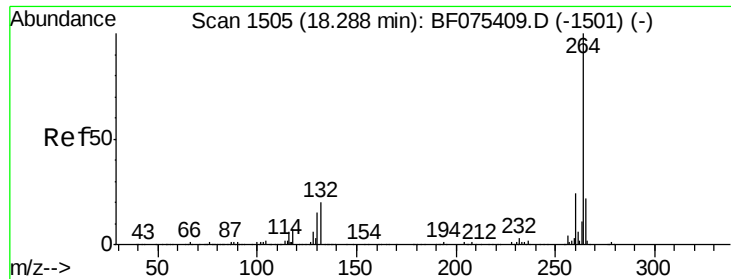
mohammad
 11/17/2014 7:40:51 PM



#80
 Benzo(a)anthracene
 Concen: 2.19 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: BF075605.D
 Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.8	32.8
229	19.7	15.3	22.9





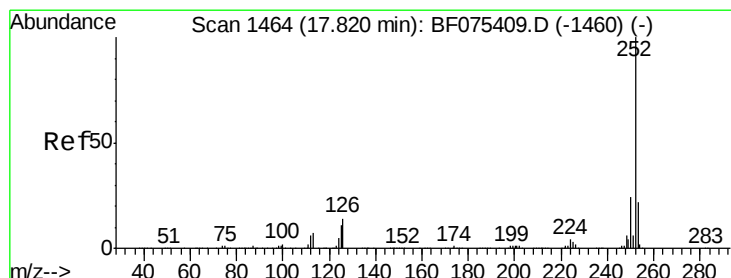
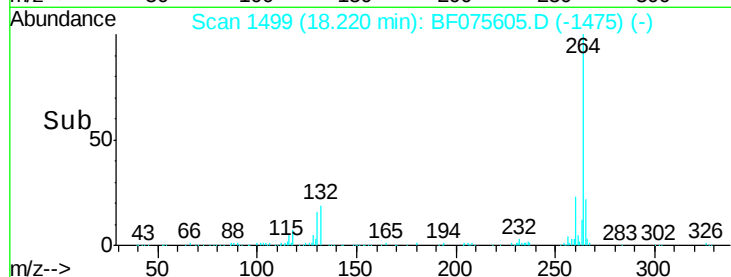
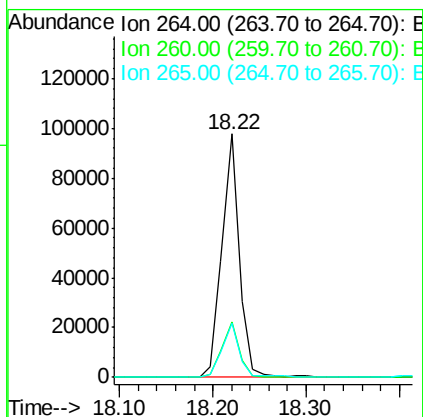
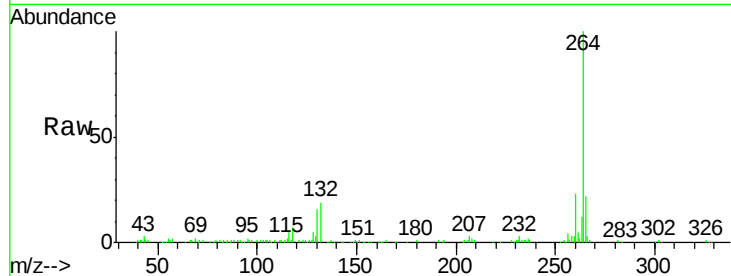
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.22 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.9	26.9
265	22.4	16.3	24.5

Manual Integrations
APPROVED

mohammad
11/17/2014 7:40:51 PM



#87
Benzo(b)fluoranthene
Concen: 3.03 ng m
RT: 17.75 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF075605.D
Acq: 17 Nov 2014 3:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	14.6	11.8	17.6

