

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079765.D
 Acq On : 6 Jun 2015 9:49
 Operator : TP/IZ
 Sample : G2499-01 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-A

Manual Integrations
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Quant Time: Jun 08 17:09:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	53094	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	223107	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	112609	20.00	ng	0.00
63) Phenanthrene-d10	12.09	188	247324	20.00	ng	0.02
75) Chrysene-d12	15.23	240	267701m	20.00	ng	0.30
86) Perylene-d12	17.28	264	245997m	20.00	ng	0.46
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	55041	17.38	ng	0.00
7) Phenol-d6	7.08	99	210735	51.51	ng	0.00
23) Nitrobenzene-d5	8.04	82	112064	30.84	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	2358	2.19	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	280530	33.75	ng	0.00
78) Terphenyl-d14	13.86	244	362634	31.02	ng	0.15
Target Compounds						Qvalue
15) Benzyl Alcohol	7.61	79	96104	28.42	ng	94
49) Dimethylphthalate	10.24	163	54640	6.30	ng	99
70) Phenanthrene	12.11	178	190979	13.19	ng	98
71) Anthracene	12.17	178	56504	3.96	ng	99
74) Fluoranthene	13.44	202	240119	15.15	ng	96
77) Pyrene	13.71	202	208722	12.72	ng	98
79) Butylbenzylphthalate	14.45	149	24945m	3.81	ng	
80) Benzo(a)anthracene	15.21	228	117886m	7.19	ng	
82) Chrysene	15.27	228	110217m	7.28	ng	
83) Bis(2-ethylhexyl)phthalate	15.19	149	69062m	6.68	ng	
85) Indeno(1,2,3-cd)pyrene	19.30	276	54854m	3.13	ng	
87) Benzo(b)fluoranthene	16.69	252	129790m	8.49	ng	
88) Benzo(k)fluoranthene	16.72	252	39172m	2.67	ng	
89) Benzo(a)pyrene	17.19	252	88390m	6.27	ng	
91) Benzo(a,h,i)perylene	19.91	276	52164m	3.71	ng	

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

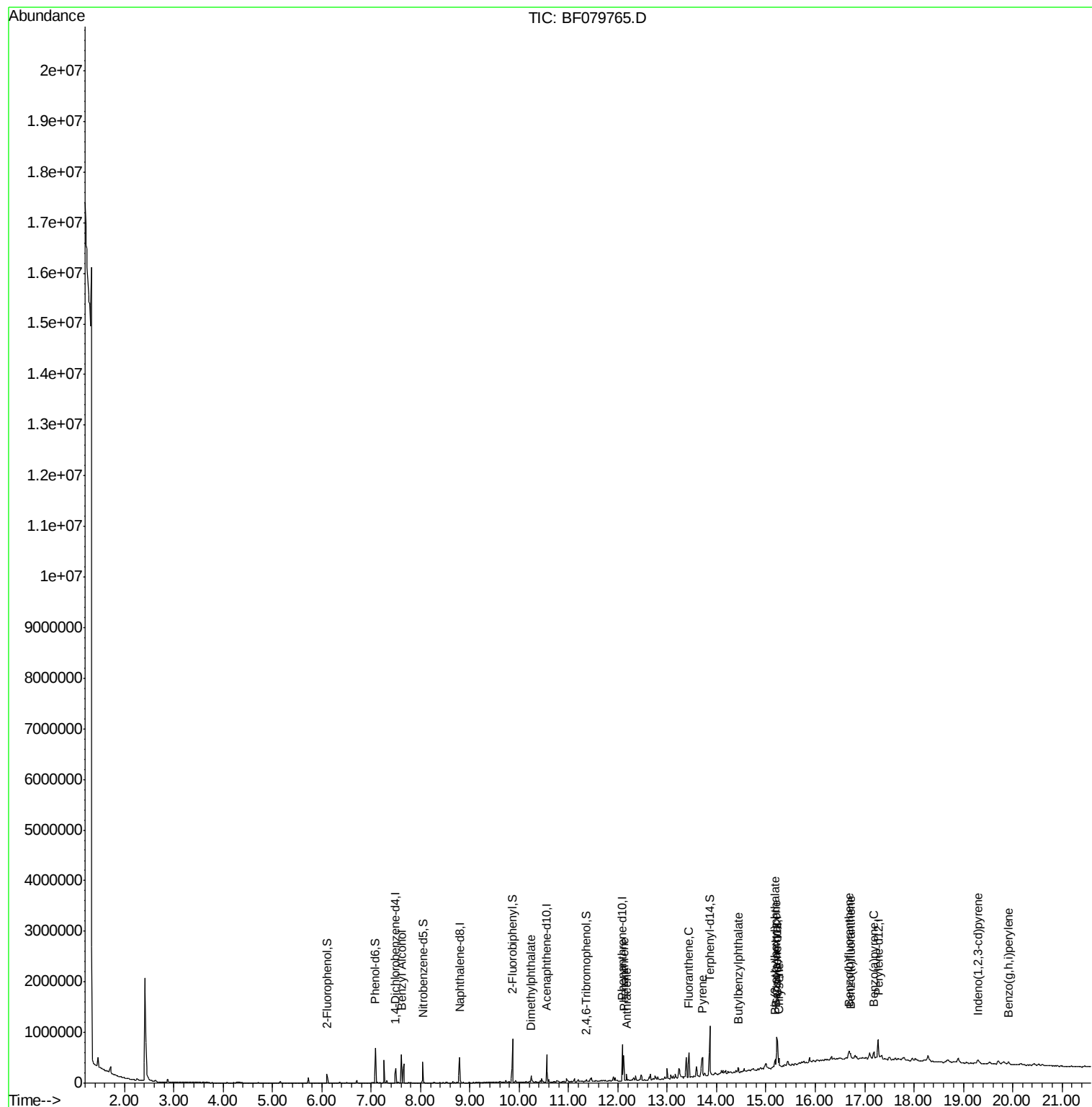
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079765.D
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ALS Vial : 27 Sample Multiplier: 1

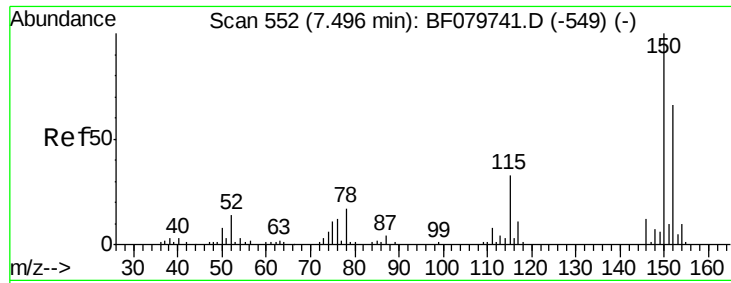
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 08 17:09:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

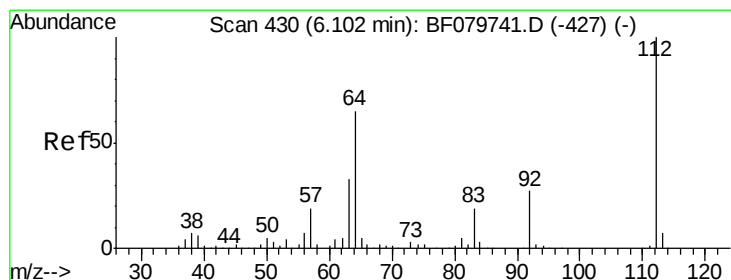
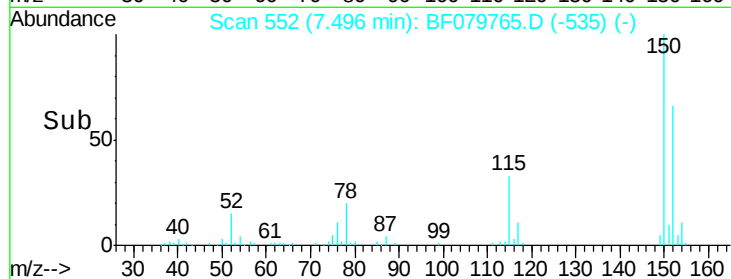
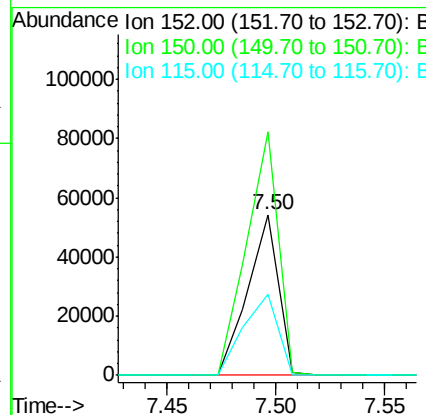
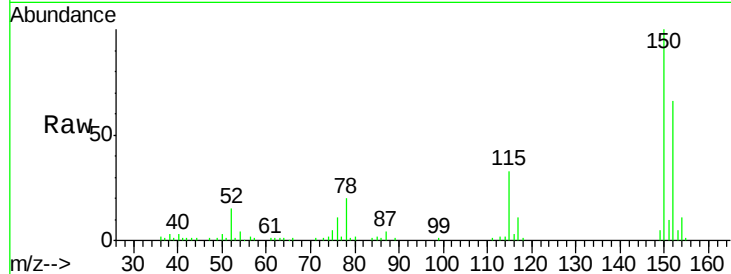
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	128.1	192.1
115	50.4	49.7	74.5

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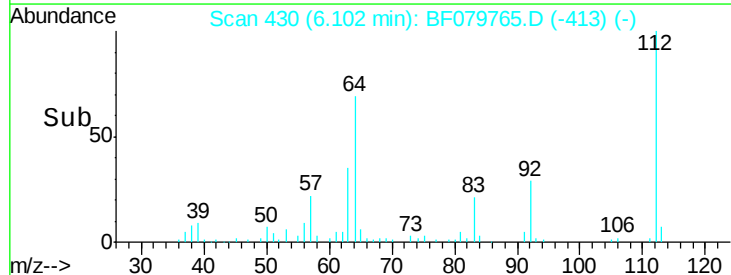
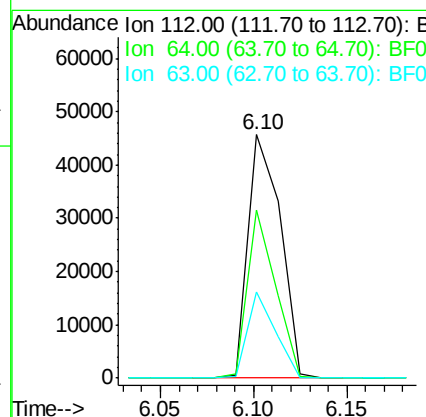
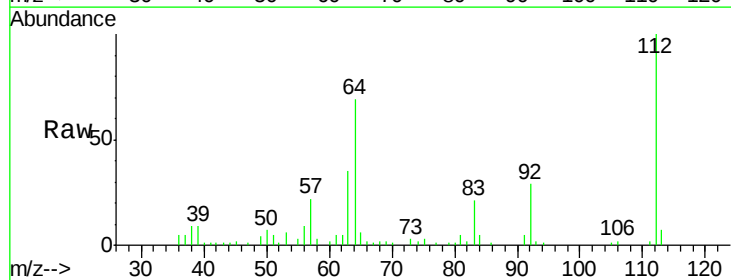
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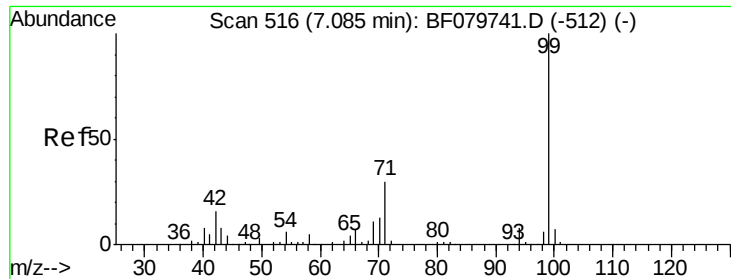


#5

2-Fluorophenol
Concen: 17.38 ng
RT: 6.10 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	49.6	74.4
63	35.2	24.9	37.3





#7

Phenol-d6

Concen: 51.51 ng

RT: 7.08 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Instrument :

BNA_F

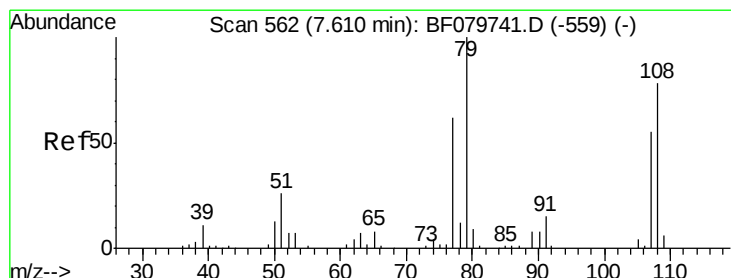
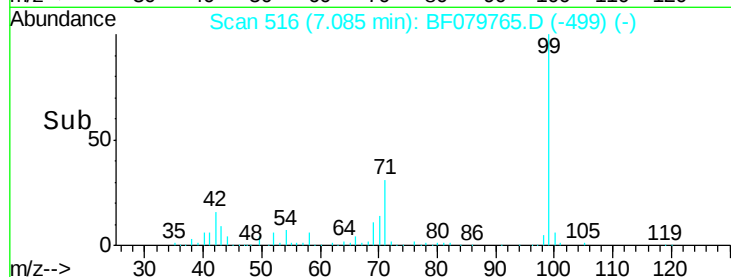
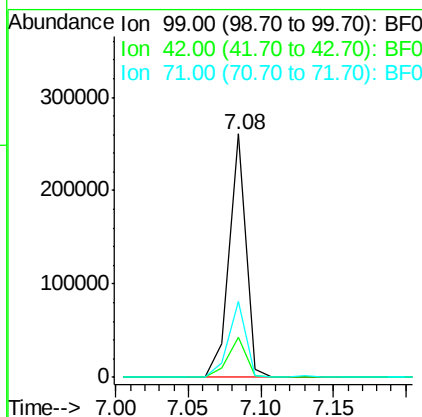
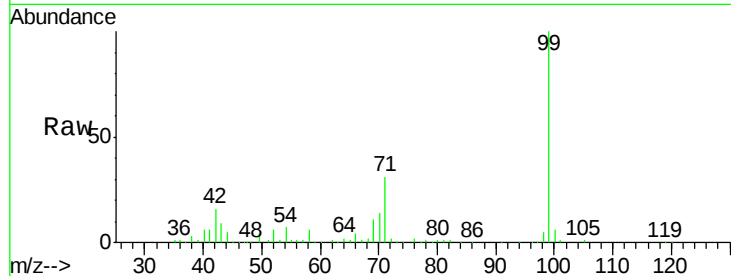
ClientSampleId :

FK-SF-02-002-A

Tot Ion:	99	Resp:	210735
Ion Ratio	Lower	Upper	
99	100		
42	16.5	18.0	27.0#
71	31.2	28.4	42.6

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#15

Benzyl Alcohol

Concen: 28.42 ng

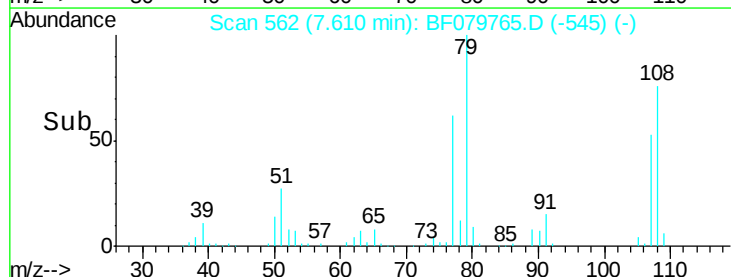
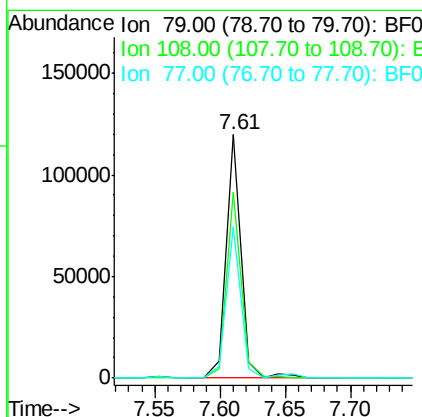
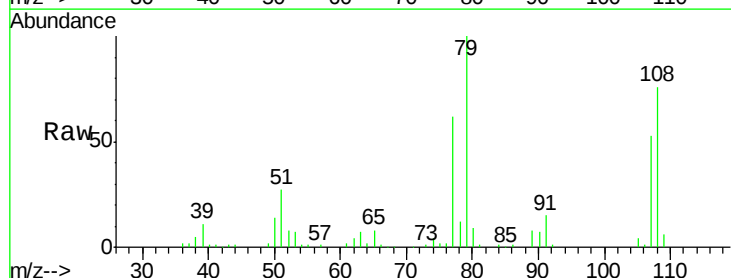
RT: 7.61 min Scan# 562

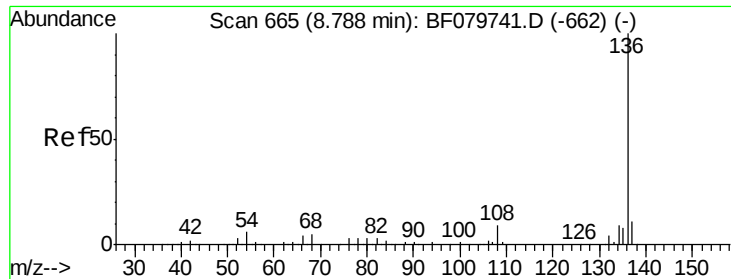
Delta R.T. -0.00 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Tgt Ion:	79	Resp:	96104
Ion Ratio	Lower	Upper	
79	100		
108	76.4	68.4	102.6
77	62.2	50.0	75.0





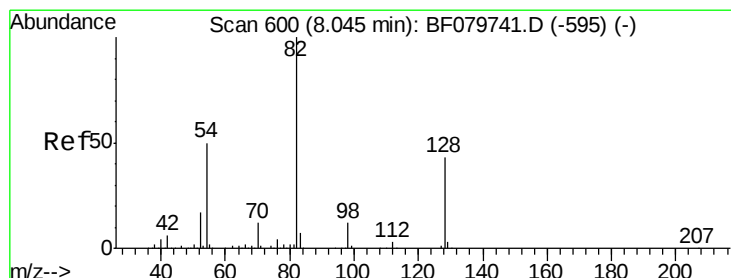
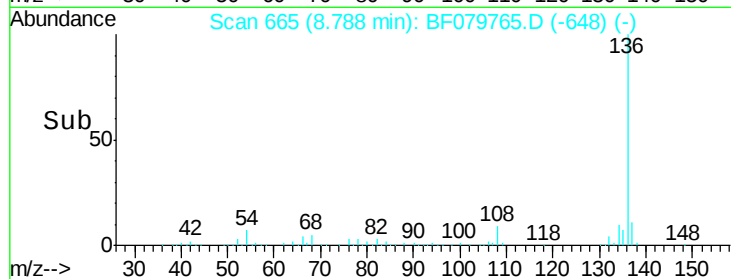
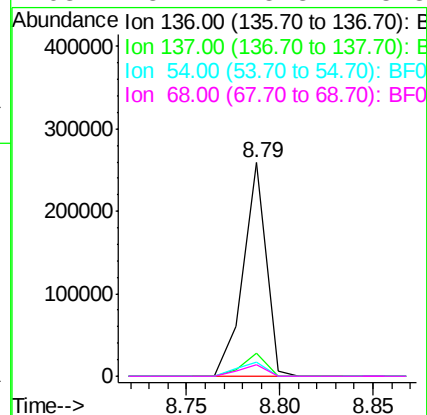
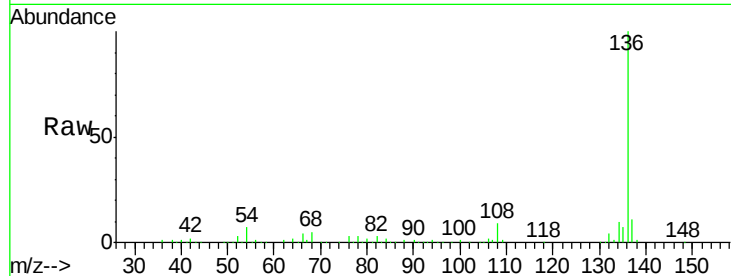
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		223107		
137	11.0		8.8	13.2	
54	6.7		8.7	13.1	
68	5.2		5.8	8.8	

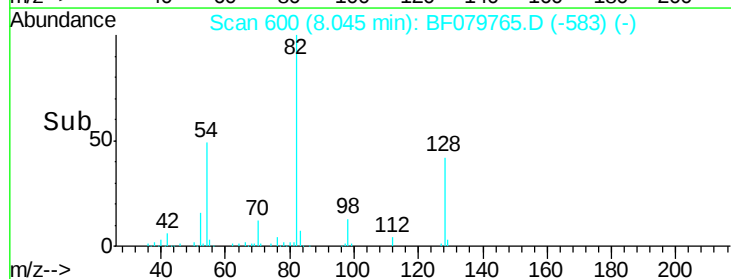
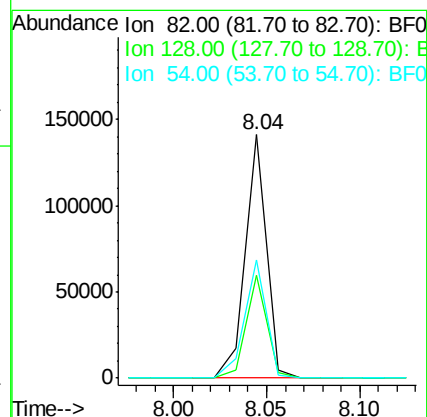
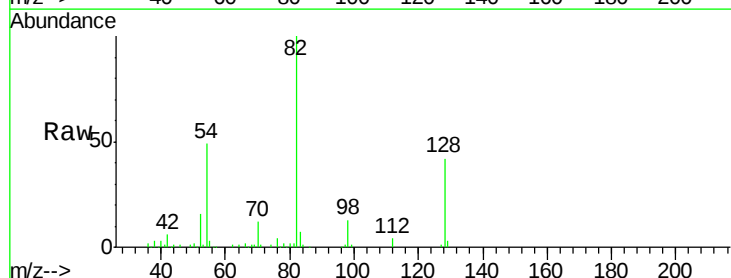
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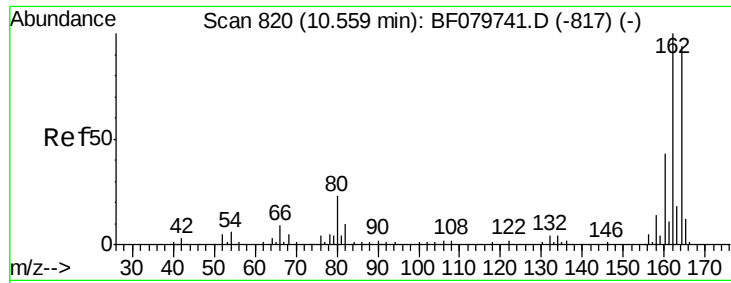
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#23
Nitrobenzene-d5
Concen: 30.84 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		112064		
128	42.4		37.6	56.4	
54	48.8		39.4	59.2	





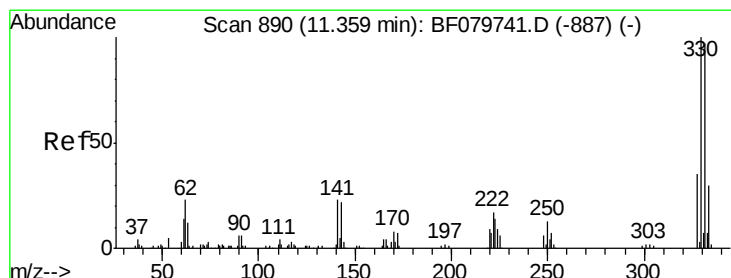
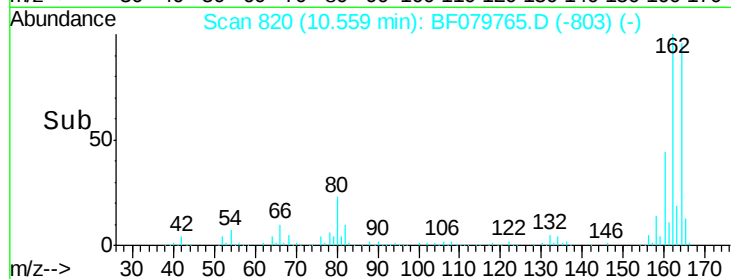
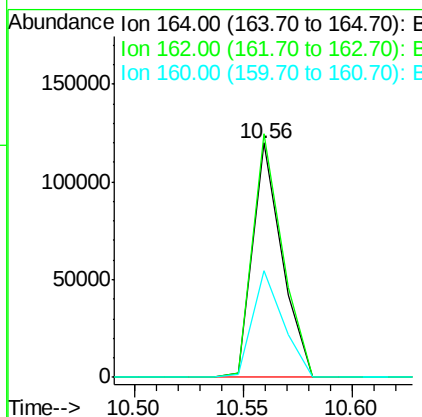
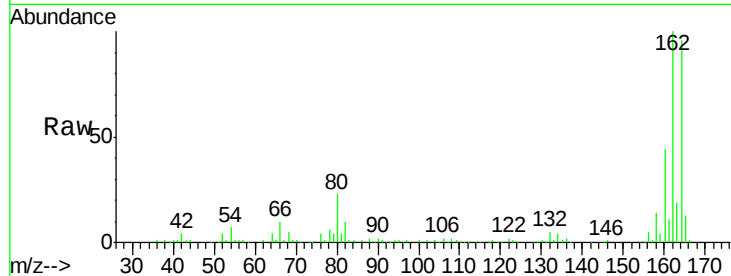
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.56 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF079765.D
 Acq: 6 Jun 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	82.6	123.8	
160	45.5	36.8	55.2	

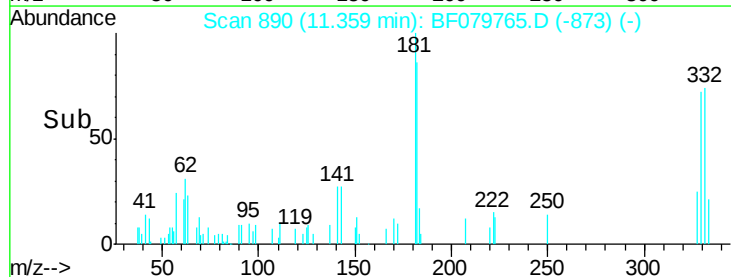
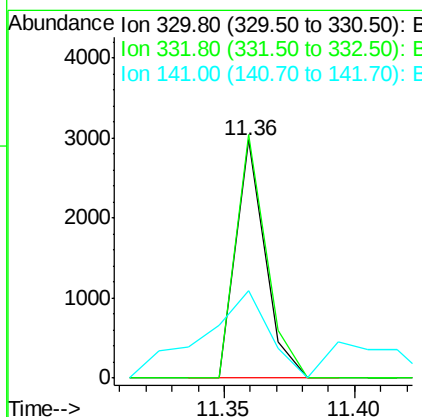
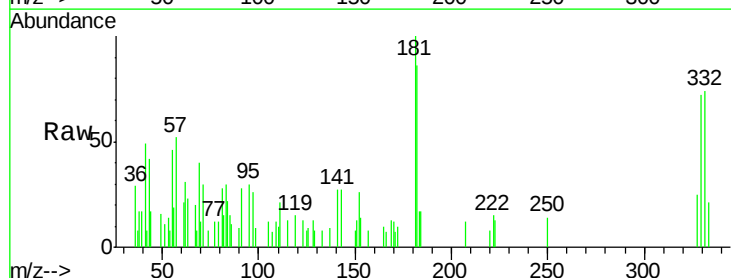
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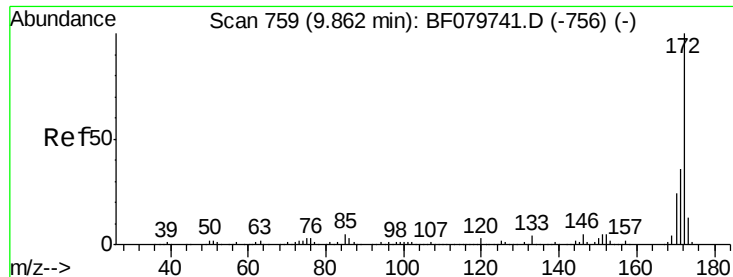
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#41
 2,4,6-Tribromophenol
 Concen: 2.19 ng
 RT: 11.36 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF079765.D
 Acq: 6 Jun 2015 9:49

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	106.0	77.4	116.0	
141	83.3	30.2	45.2	





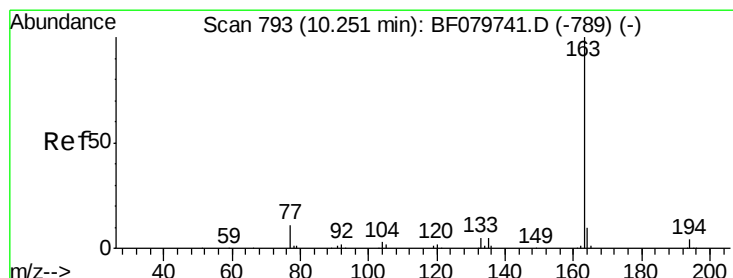
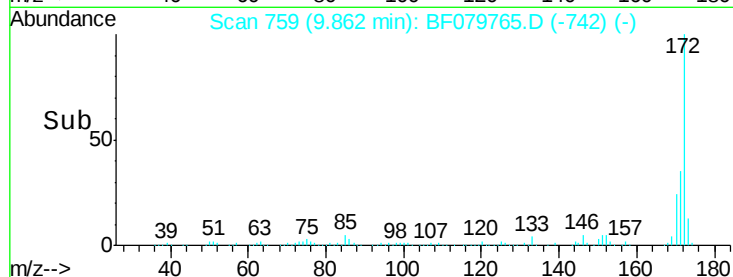
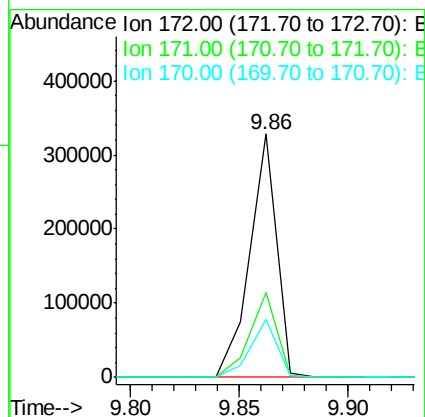
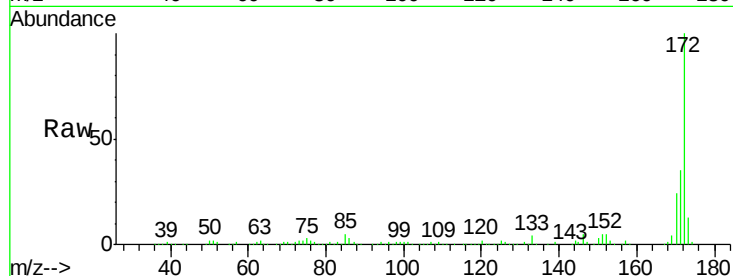
#44
2-Fluorobiphenyl
Concen: 33.75 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.6	19.7	29.5

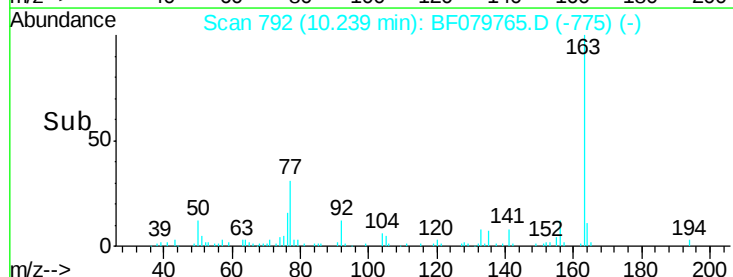
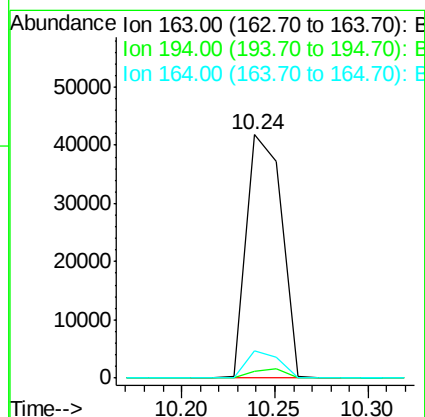
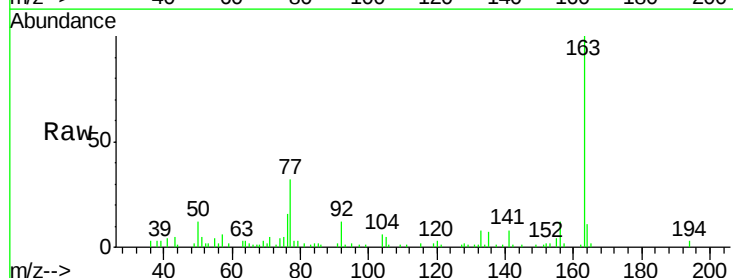
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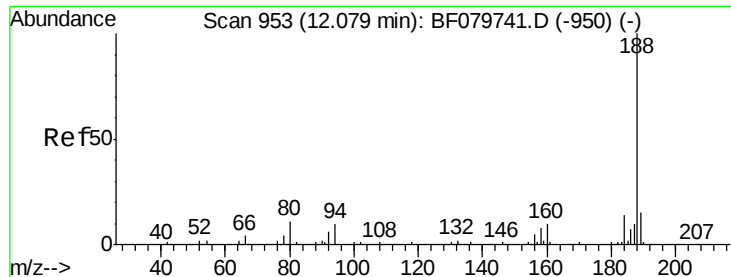
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#49
Dimethylphthalate
Concen: 6.30 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.6	3.8
164	11.0	8.5	12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.09 min Scan# 954

Delta R.T. 0.02 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Instrument :

BNA_F

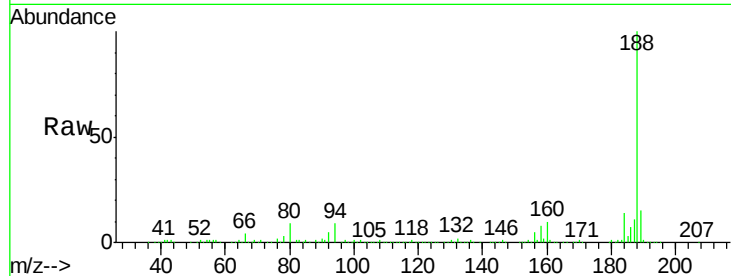
ClientSampleId :

FK-SF-02-002-A

Tot Ion:	188	Resp:	247324
Ion Ratio	Lower	Upper	
188	100		
94	8.9	5.0	7.4#
80	9.4	5.3	7.9#

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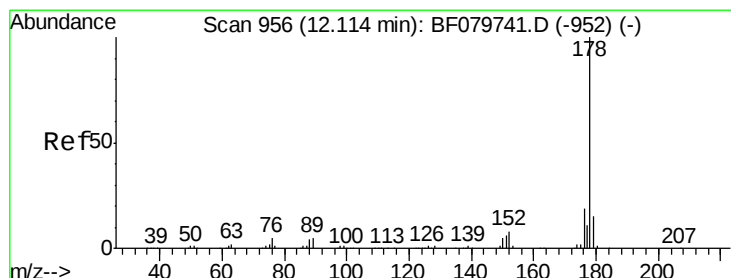
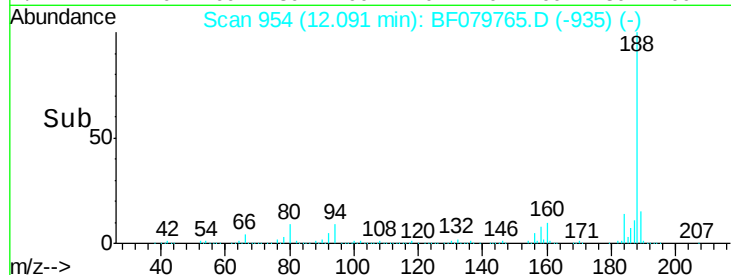
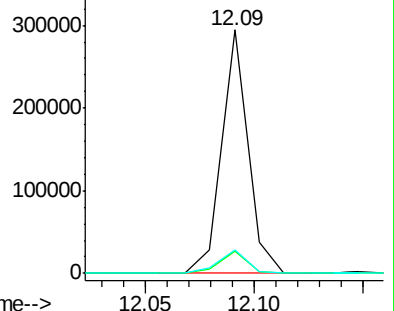
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 13.19 ng

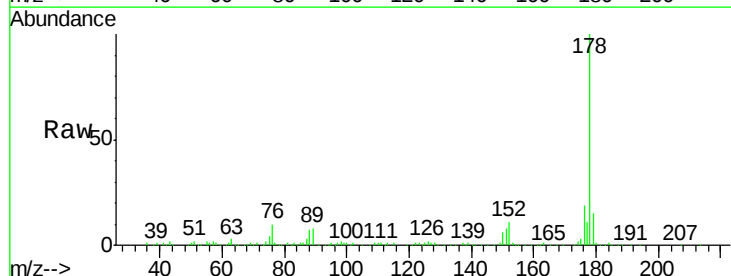
RT: 12.11 min Scan# 956

Delta R.T. 0.02 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

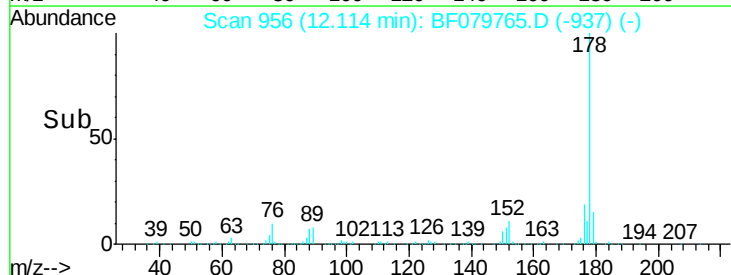
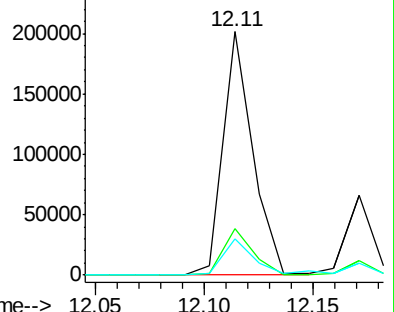
Tgt Ion:	178	Resp:	190979
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.2	24.4
179	15.1	12.6	19.0

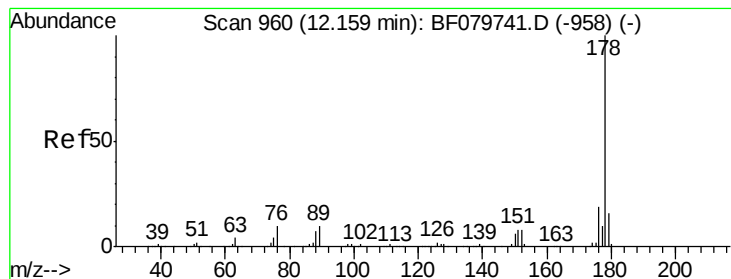


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 3.96 ng

RT: 12.17 min Scan# 961

Delta R.T. 0.02 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Instrument :

BNA_F

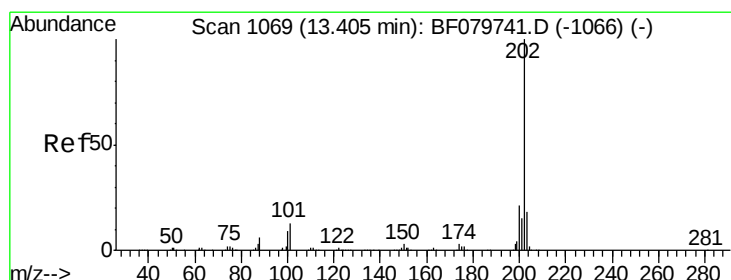
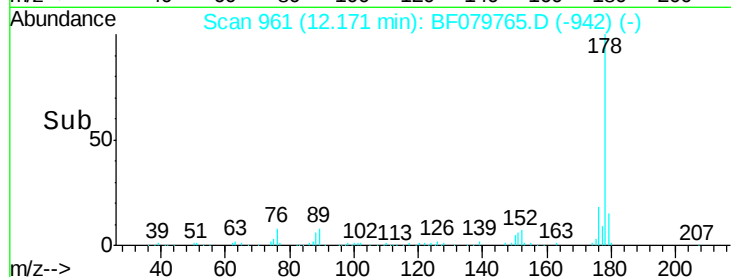
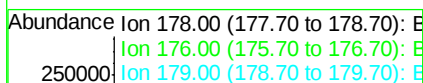
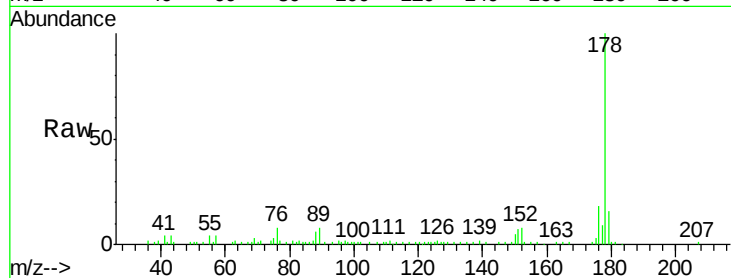
ClientSampleId :

FK-SF-02-002-A

Tot Ion:	178	Resp:	56504
Ion Ratio	Lower	Upper	
178	100		
176	18.0	14.8	22.2
179	15.6	12.2	18.2

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#74

Fluoranthene

Concen: 15.15 ng

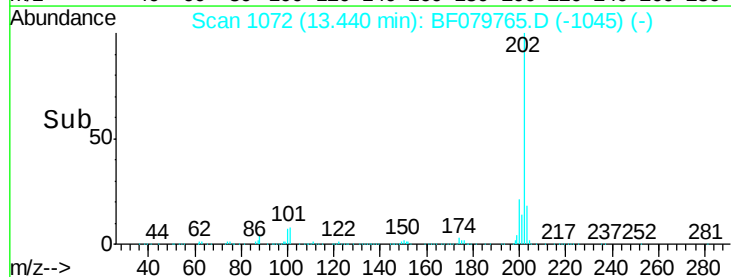
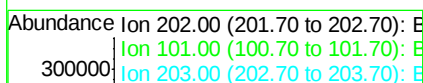
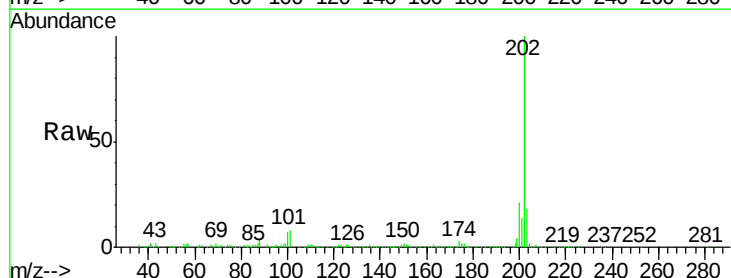
RT: 13.44 min Scan# 1072

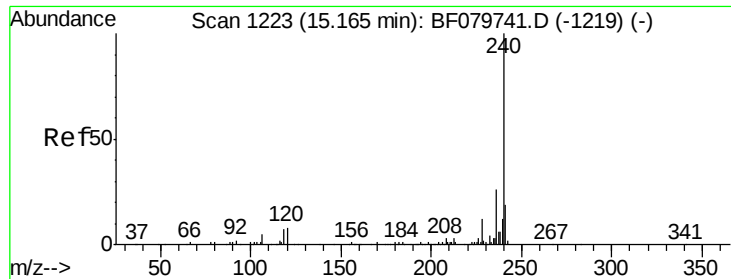
Delta R.T. 0.11 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Tgt Ion:	202	Resp:	240119
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	31.3
203	17.8	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng/mL

RT: 15.23 min Scan# 1229

Delta R.T. 0.30 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Instrument :

BNA_F

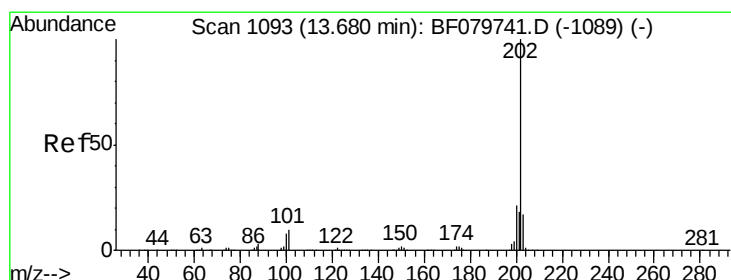
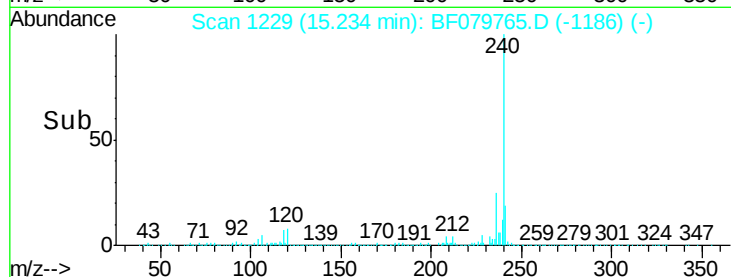
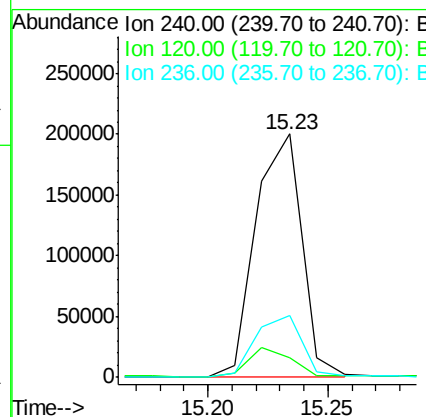
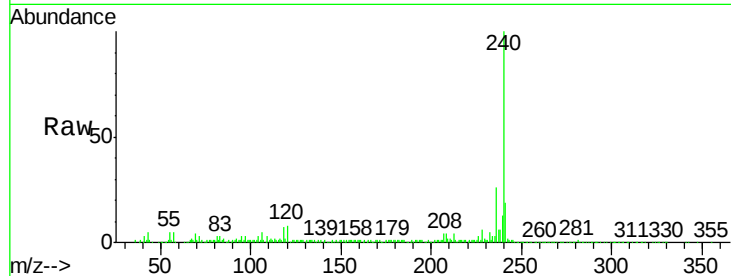
ClientSampleID :

FK-SF-02-002-A

Tot Ion:	240	Resp:	267701
Ion Ratio	Lower	Upper	
240	100		
120	8.0	6.2	9.2
236	25.6	21.0	31.4

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#77

Pyrene

Concen: 12.72 ng

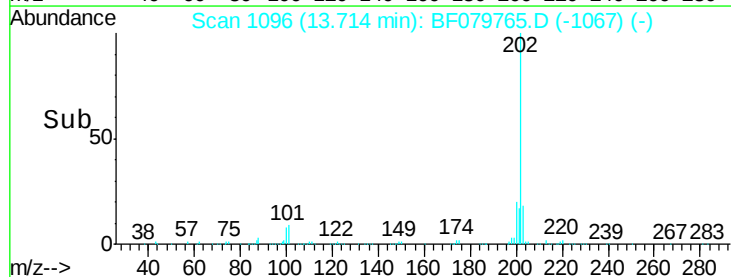
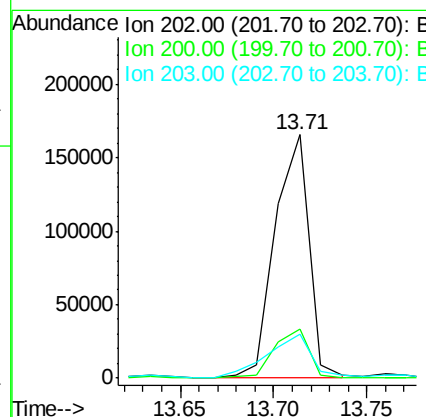
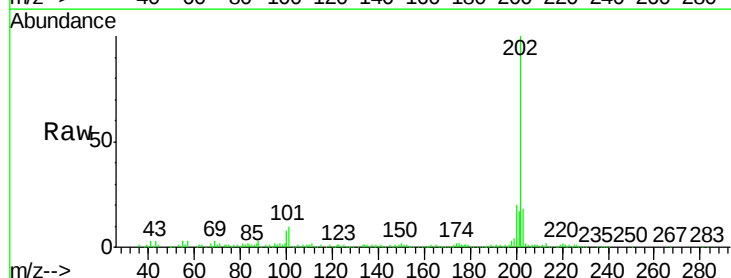
RT: 13.71 min Scan# 1096

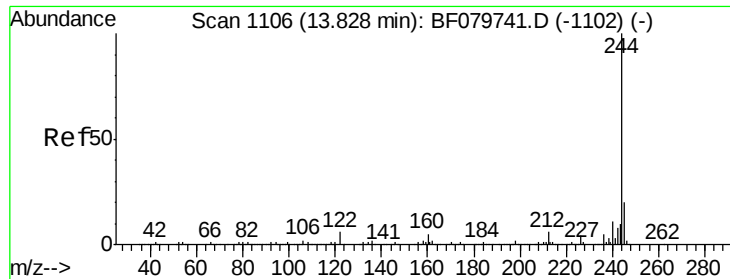
Delta R.T. 0.14 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Tgt Ion:	202	Resp:	208722
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.5	26.3
203	18.2	14.8	22.2





#78

Terphenyl-d14

Concen: 31.02 ng

RT: 13.86 min Scan# 1109

Delta R.T. 0.15 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Instrument :

BNA_F

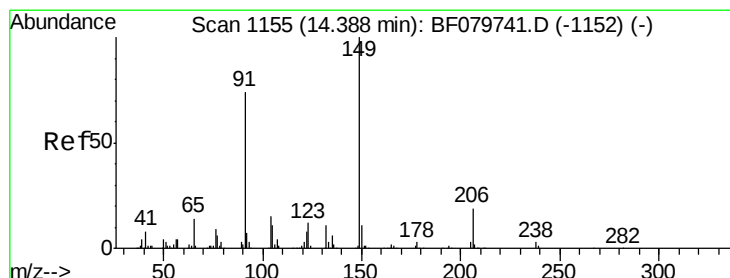
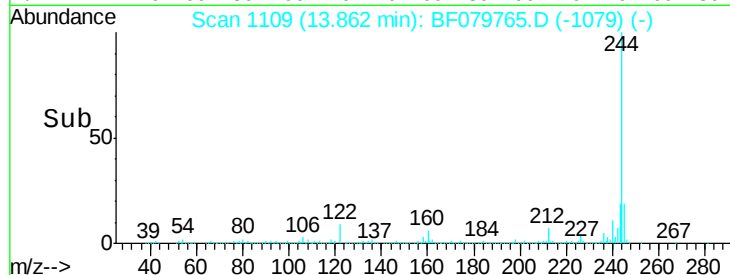
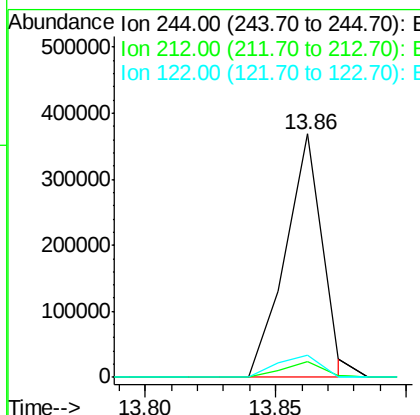
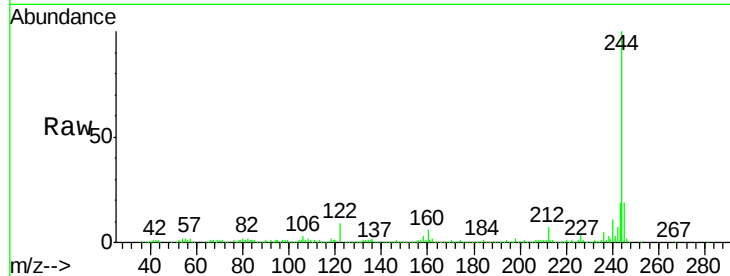
ClientSampleId :

FK-SF-02-002-A

Tot Ion:	244	Resp:	362634
Ion Ratio		Lower	Upper
244	100		
212	6.6	6.1	9.1
122	8.9	9.3	13.9#

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#79

Butylbenzylphthalate

Concen: 3.81 ng m

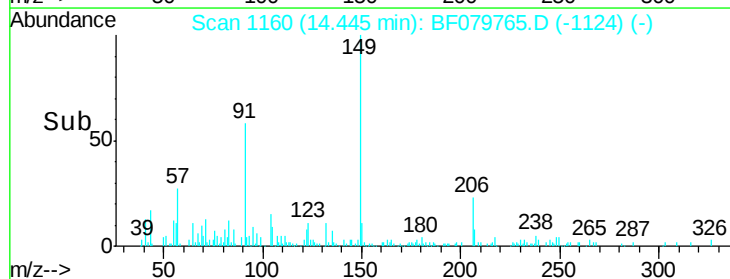
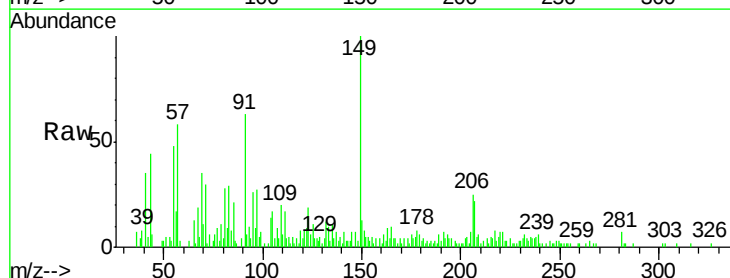
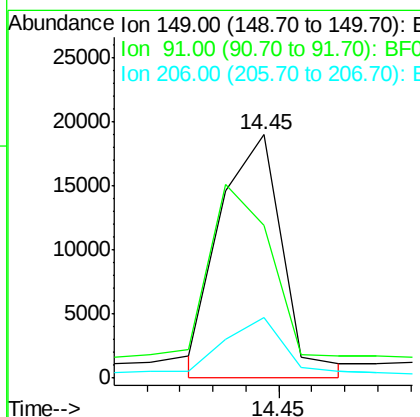
RT: 14.45 min Scan# 1160

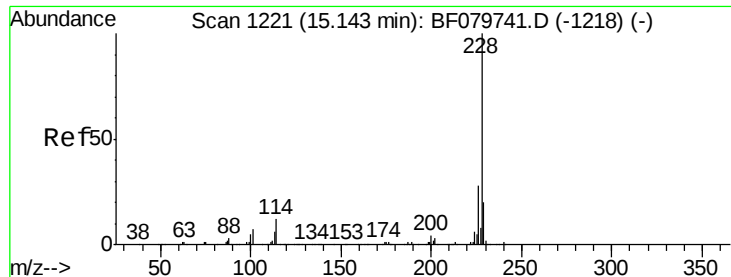
Delta R.T. 0.22 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Tgt Ion:	149	Resp:	24945
Ion Ratio		Lower	Upper
149	100		
91	62.8	64.4	96.6#
206	24.7	14.8	22.2#





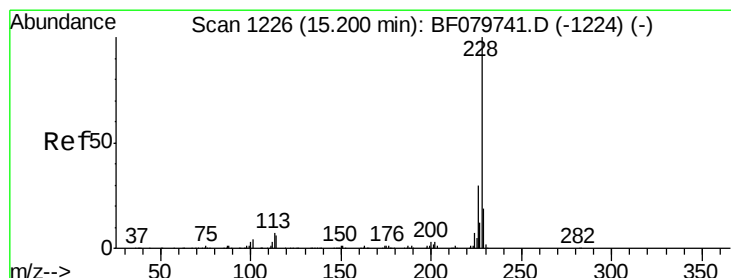
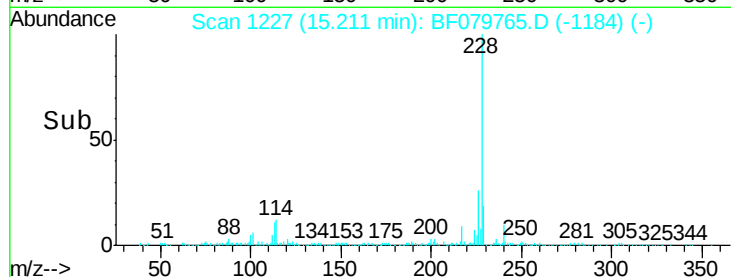
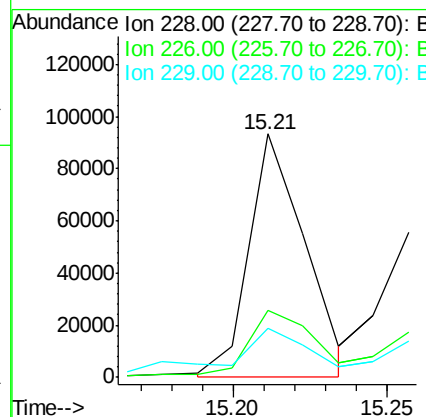
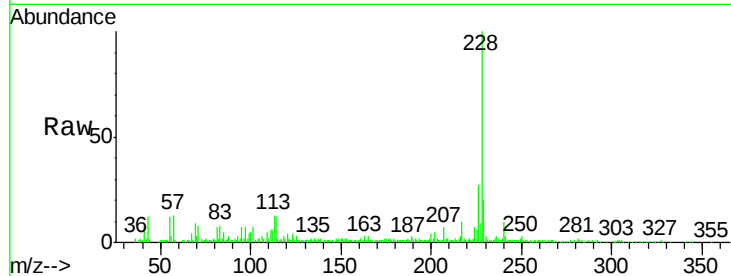
#80
Benzo(a)anthracene
Concen: 7.19 ng m
RT: 15.21 min Scan# 1227
Delta R.T. 0.30 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.4	22.2	33.4		
229	20.1	16.6	25.0		

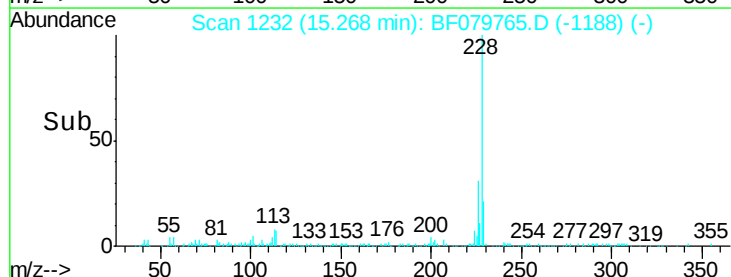
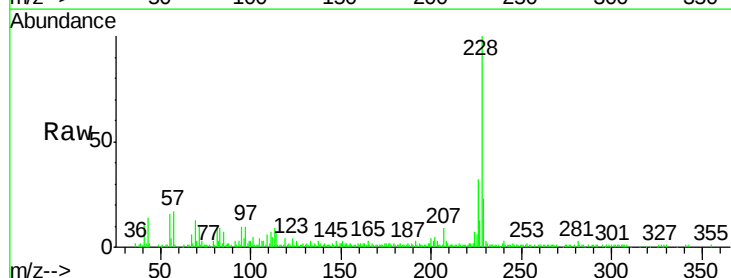
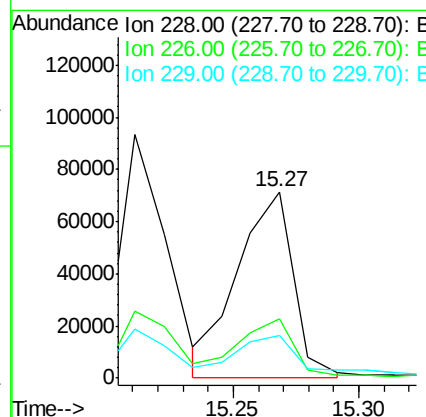
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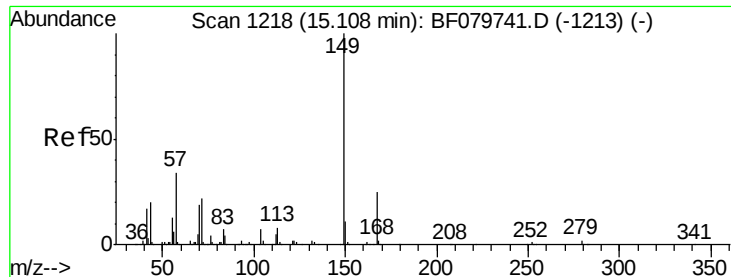
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#82
Chrysene
Concen: 7.28 ng m
RT: 15.27 min Scan# 1232
Delta R.T. 0.31 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.6	25.2	37.8		
229	22.8	16.2	24.4		





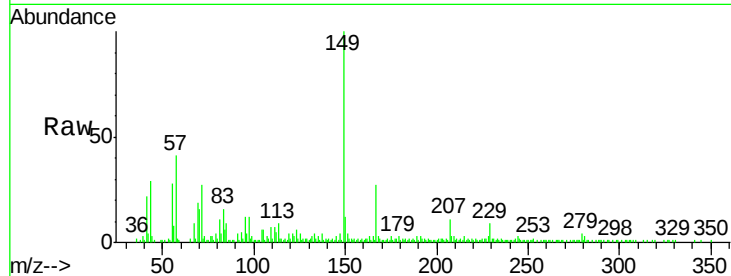
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.68 ng/ml
 RT: 15.19 min Scan# 1225
 Delta R.T. 0.32 min
 Lab File: BF079765.D
 Acq: 6 Jun 2015 9:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-002-A

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.9	31.3
279	4.5	2.2	3.2

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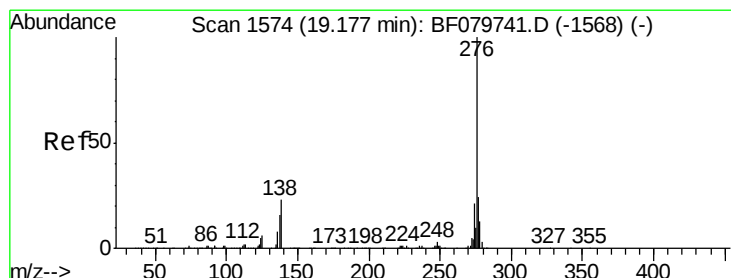
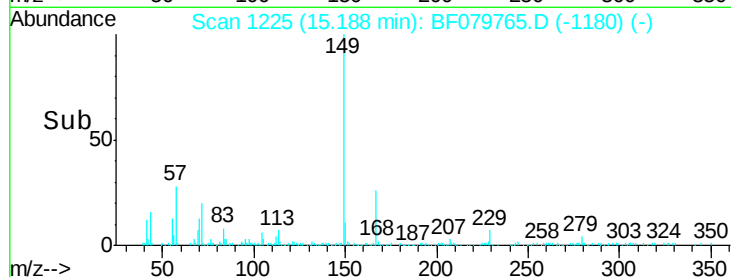
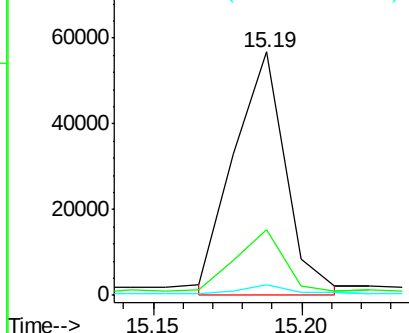


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.13 ng/ml
 RT: 19.30 min Scan# 1585
 Delta R.T. 0.49 min
 Lab File: BF079765.D
 Acq: 6 Jun 2015 9:49

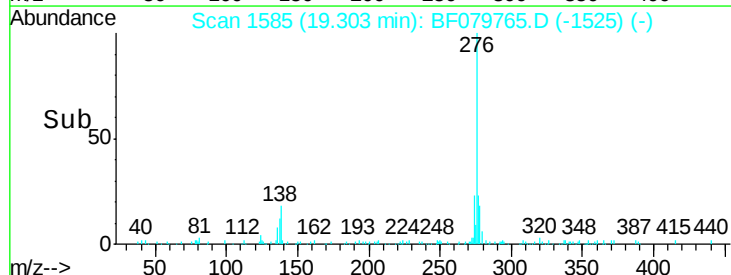
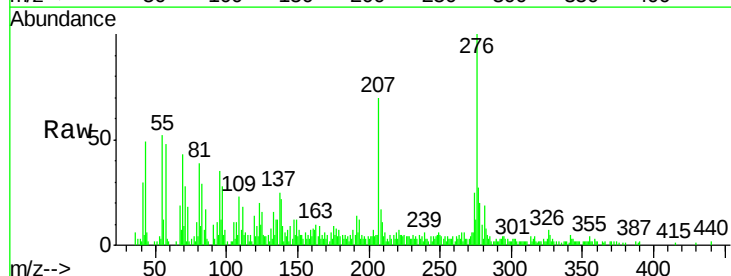
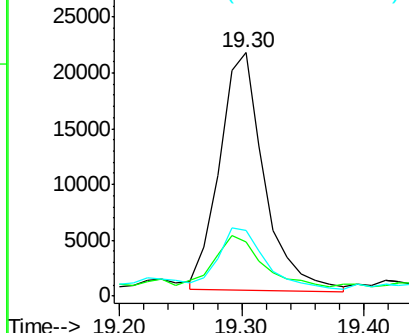
Tgt Ion	Ratio	Lower	Upper
276	100		
138	1.5	20.8	31.2
277	2.6	20.0	30.0

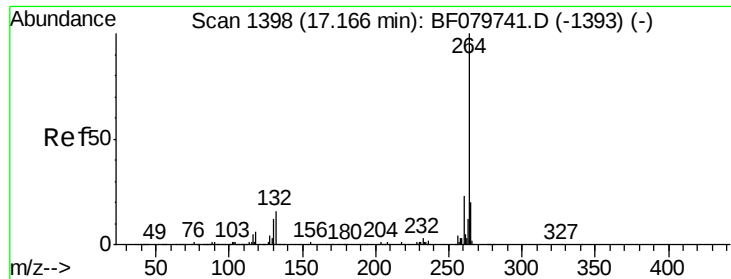
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





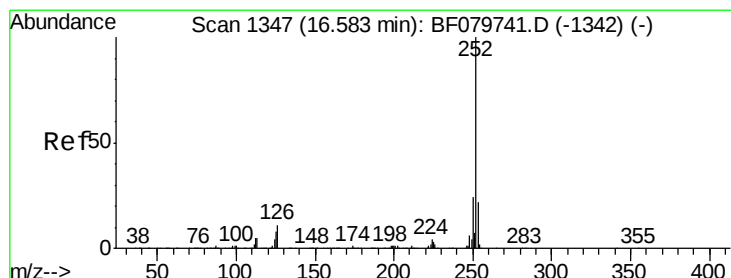
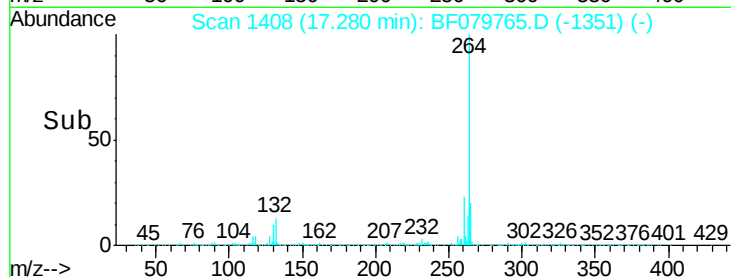
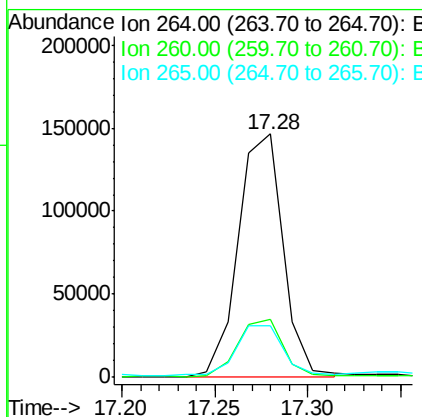
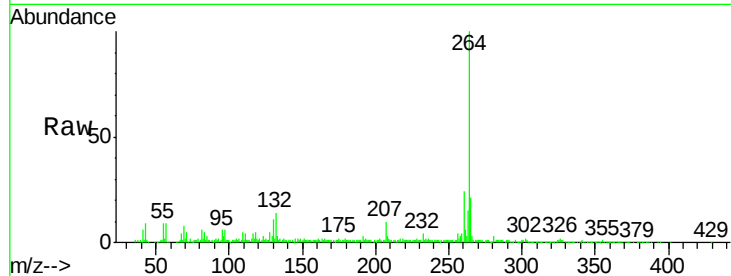
#86
Pervlene-d12
Concen: 20.00 ng m
RT: 17.28 min Scan# 1408
Delta R.T. 0.46 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.3	18.2	27.4

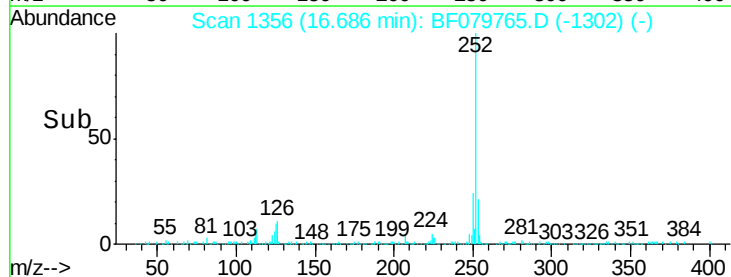
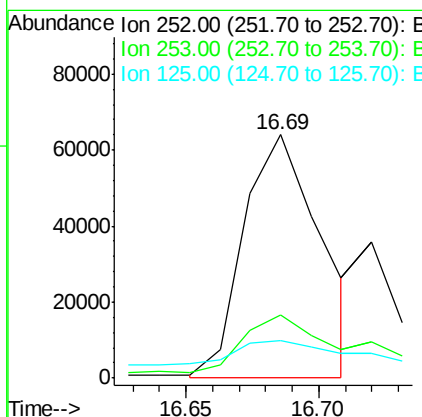
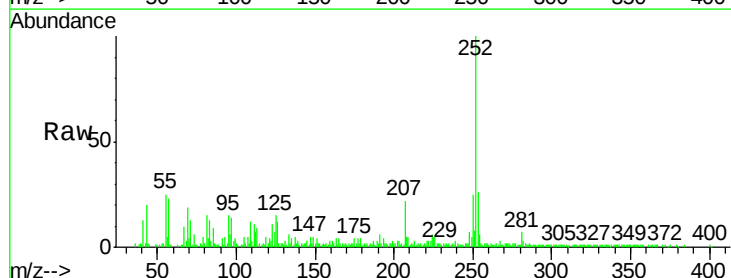
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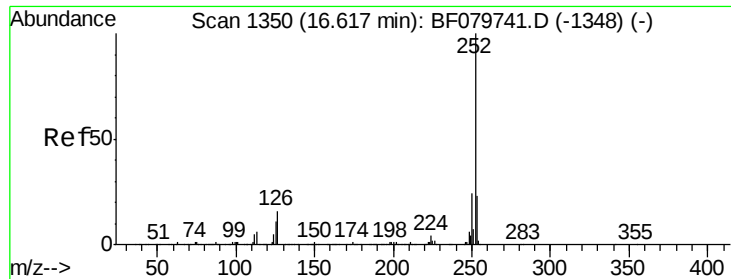
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#87
Benzo(b)fluoranthene
Concen: 8.49 ng m
RT: 16.69 min Scan# 1356
Delta R.T. 0.42 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.2#
125	15.2	6.5	9.7#





#88

Benzo(k)fluoranthene

Concen: 2.67 ng m

RT: 16.72 min Scan# 1359

Delta R.T. 0.42 min

Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Instrument :

BNA_F

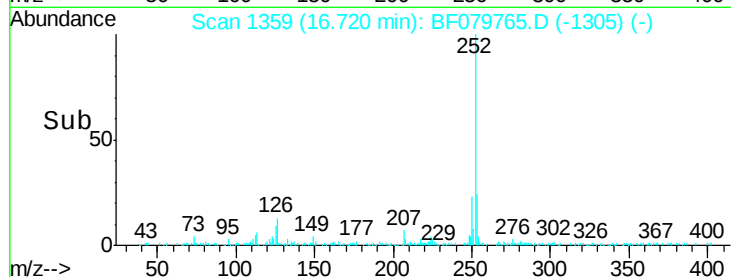
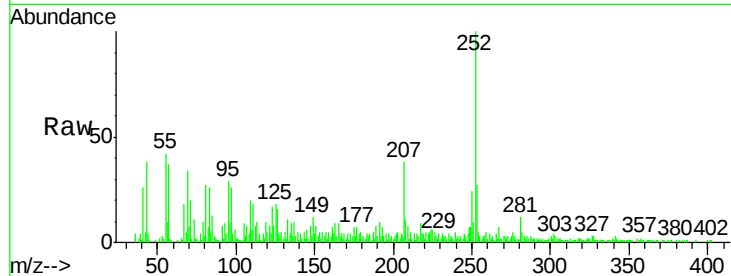
ClientSampleId :

FK-SF-02-002-A

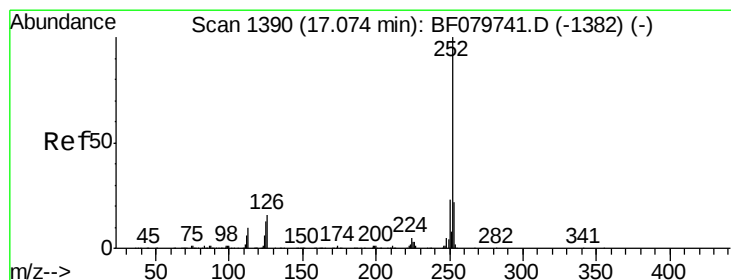
Tot Ion:	252	Resp:	39172
Ion Ratio	Lower	Upper	
252	100		
253	26.7	17.8	26.8
125	17.8	8.4	12.6#

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Time-->



#89

Benzo(a)pyrene

Concen: 6.27 ng m

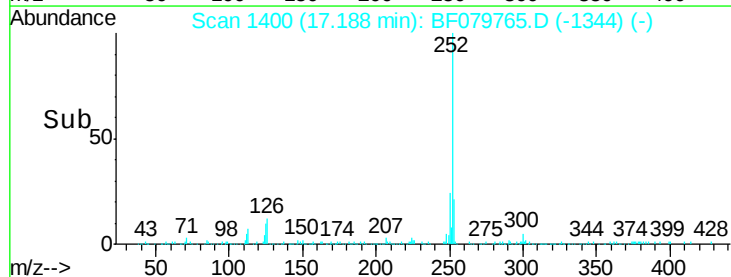
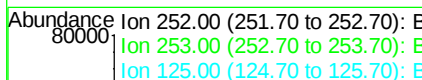
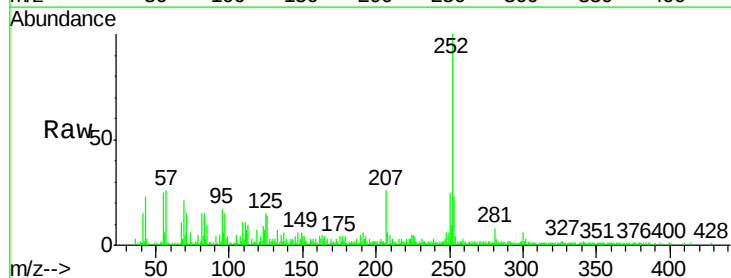
RT: 17.19 min Scan# 1400

Delta R.T. 0.45 min

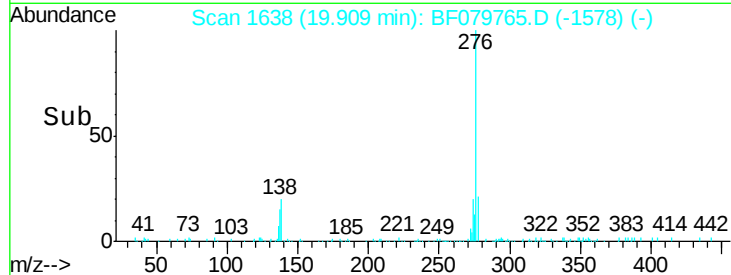
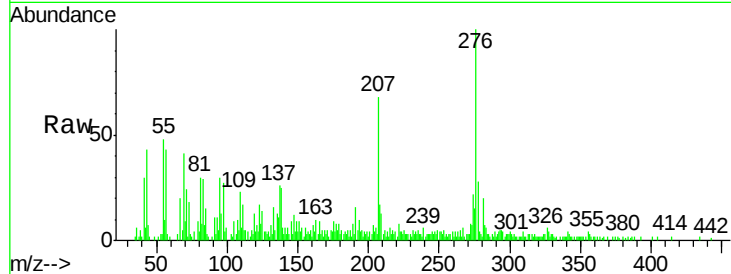
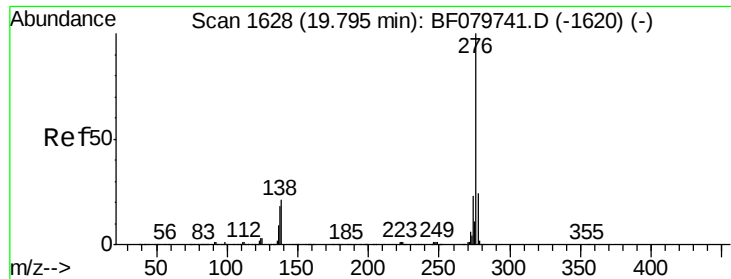
Lab File: BF079765.D

Acq: 6 Jun 2015 9:49

Tgt Ion:	252	Resp:	88390
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	15.5	7.4	11.0#



Time-->



#91
Benzo(a,h,i)perylene
Concen: 3.71 ng m
RT: 19.91 min Scan# 1638
Delta R.T. 0.49 min
Lab File: BF079765.D
Acq: 6 Jun 2015 9:49

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-002-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.8	28.2
138	24.9	18.2	27.2

Manual Integrations
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