

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098044.D
 Acq On : 25 Aug 2017 21:42
 Operator : SJ/JU
 Sample : I4956-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-010-A

Manual Integrations
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Sohil
 8/28/2017 3:13:29 PM

Quant Time: Aug 26 00:11:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	114454	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	437545	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	167469	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	254837	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	239905	20.00	ng	-0.01
86) Perylene-d12	15.30	264	212848	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	908106	120.69	ng	0.00
7) Phenol-d6	6.37	99	1239215	121.21	ng	-0.01
23) Nitrobenzene-d5	7.30	82	736592	91.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	158662	109.19	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	990890	86.93	ng	-0.01
78) Terphenyl-d14	12.84	244	621146	53.99	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	27945	2.337	ng	98
49) Dimethylphthalate	9.49	163	93902	7.671	ng	99
70) Phenanthrene	11.27	178	63557	4.680	ng	99
74) Fluoranthene	12.46	202	125475	8.853	ng	98
77) Pyrene	12.69	202	109829	5.597	ng	97
80) Benzo(a)anthracene	13.87	228	63761	4.434	ng	99
82) Chrysene	13.91	228	49611	3.469	ng	97
83) Bis(2-ethylhexyl)phthalate	13.87	149	17228	2.067	ng	# 97
87) Benzo(b)fluoranthene	14.90	252	66074m	4.925	ng	
89) Benzo(a)pyrene	15.24	252	42891	3.611	ng	98

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

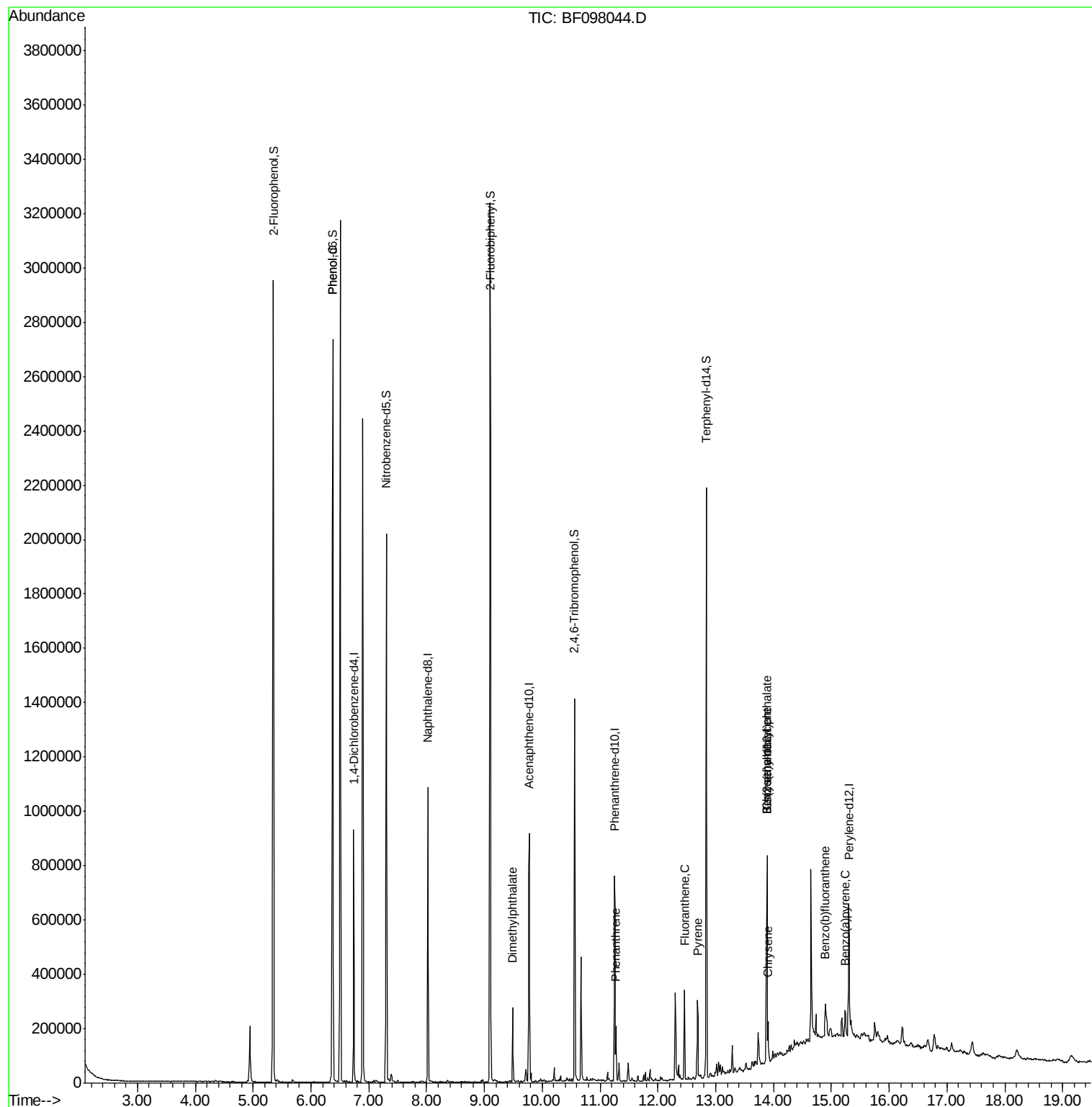
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
Data File : BF098044.D
Acq On : 25 Aug 2017 21:42
Operator : SJ/JU
Sample : I4956-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 26 00:11:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration





#1

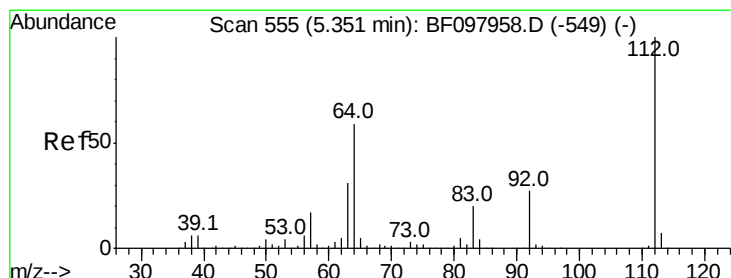
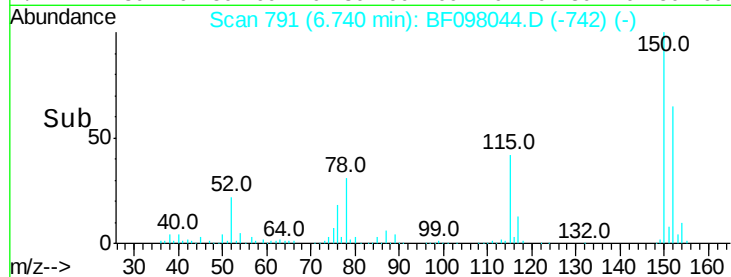
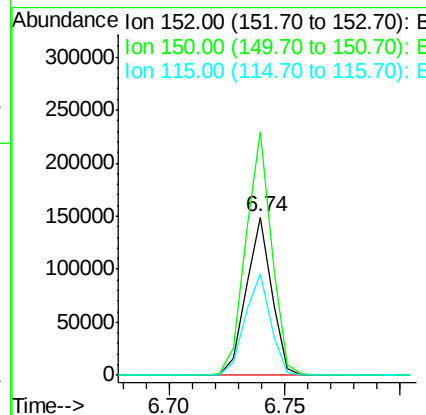
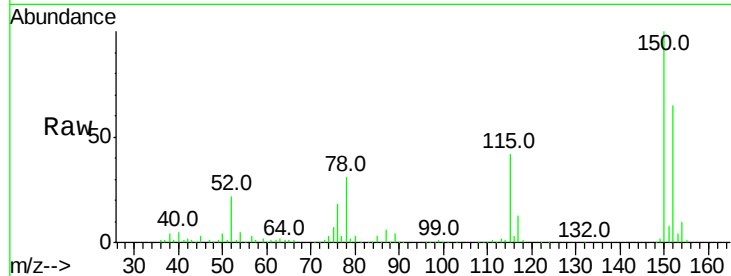
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-010-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	64.3	52.2	78.2

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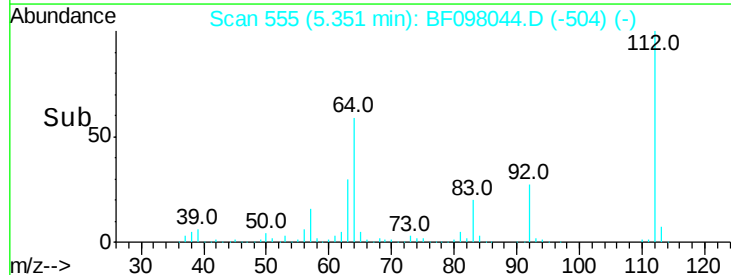
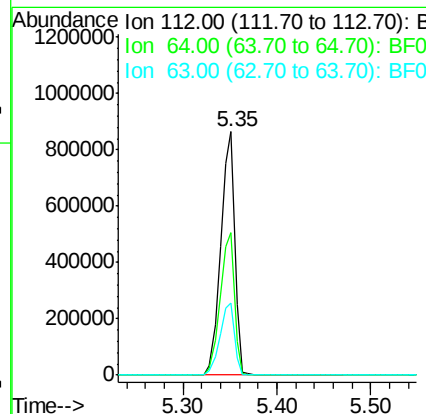
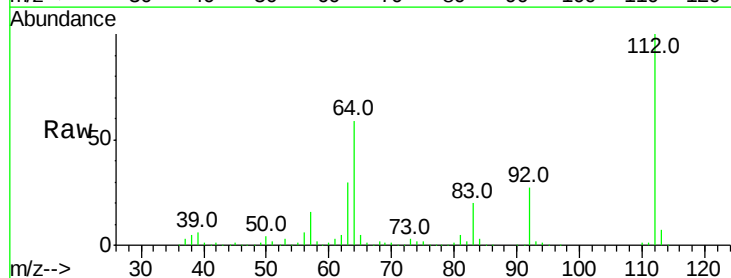
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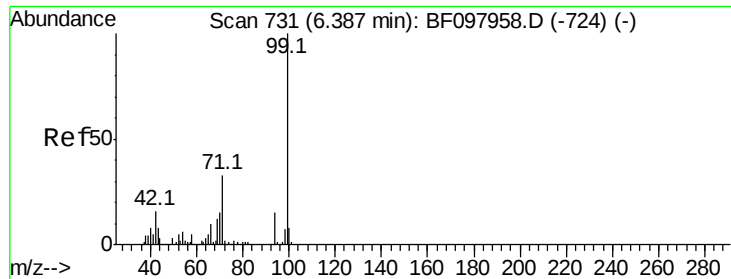


#5

2-Fluorophenol
Concen: 120.686 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.0	69.0
63	29.6	23.4	35.0





#7

Phenol-d6

Concen: 121.210 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098044.D

Acq: 25 Aug 2017 21:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-010-A

Tot Ion: 99 Resp: 1239215

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

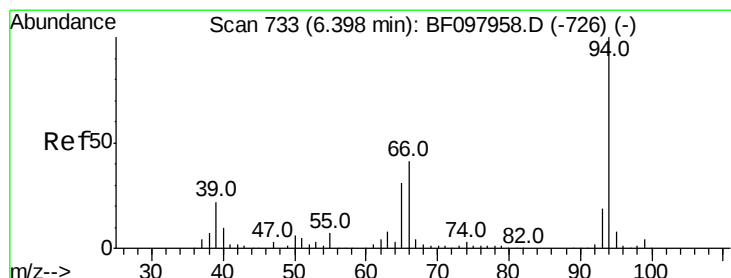
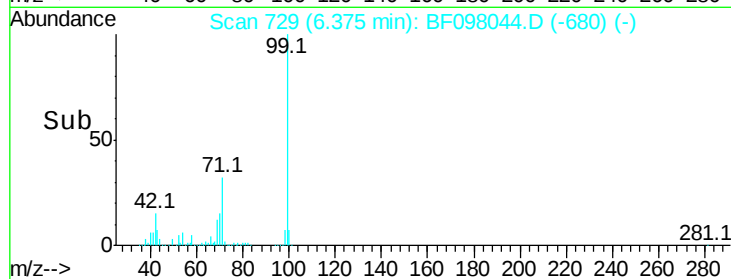
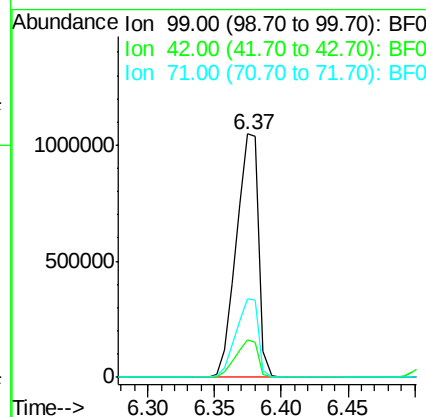
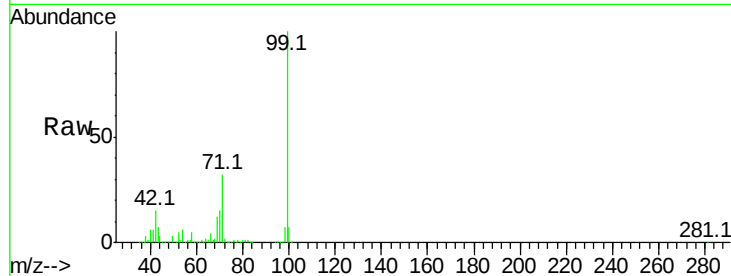
71 32.4 24.5 36.7

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#10

Phenol

Concen: 2.337 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098044.D

Acq: 25 Aug 2017 21:42

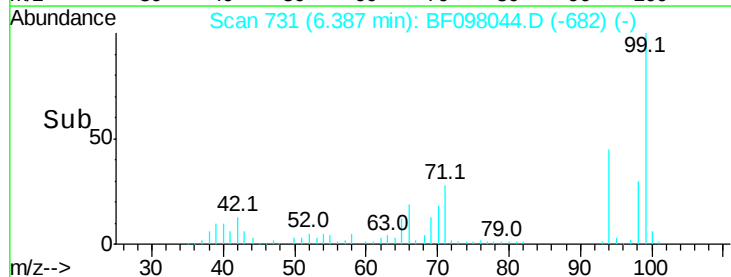
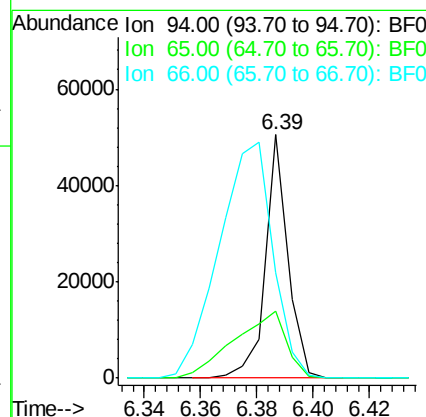
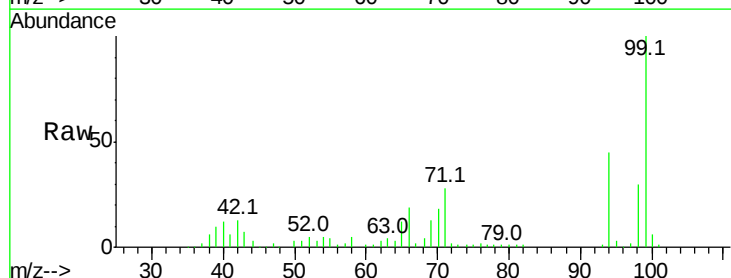
Tgt Ion: 94 Resp: 27945

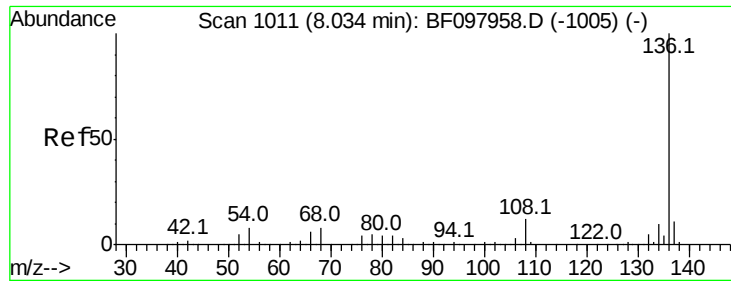
Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

66 43.5 23.1 63.1





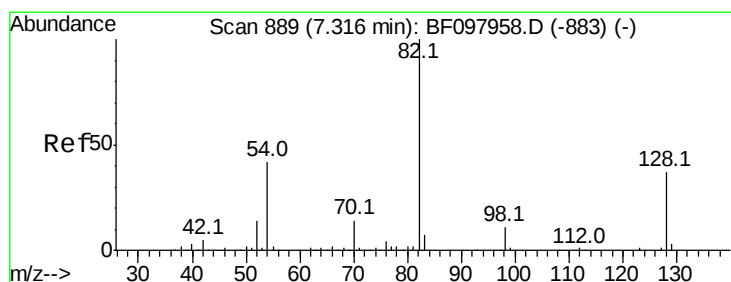
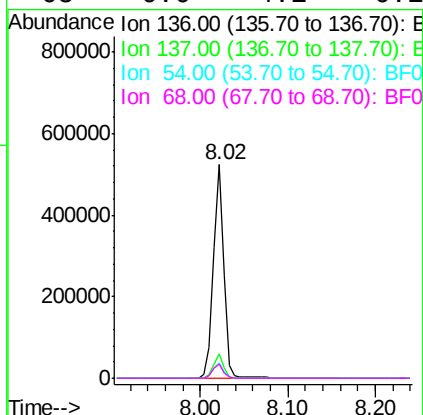
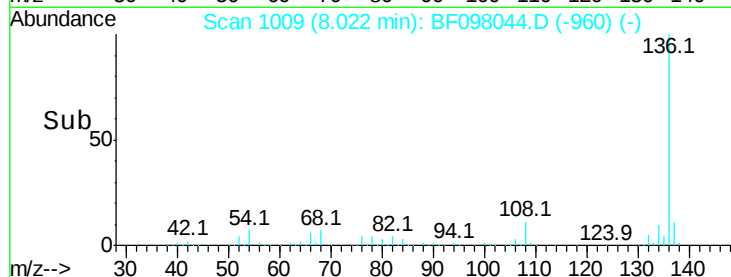
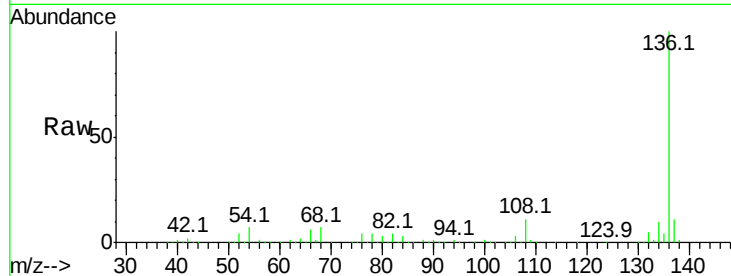
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-010-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	7.4	4.9	7.3#	
68	6.6	4.1	6.1#	

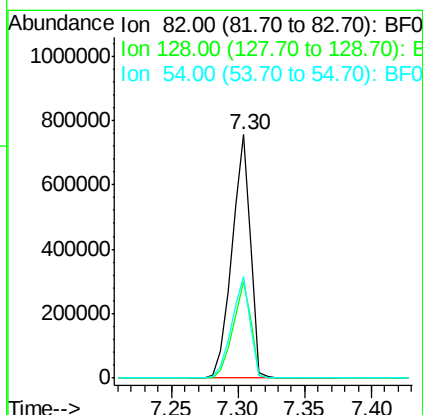
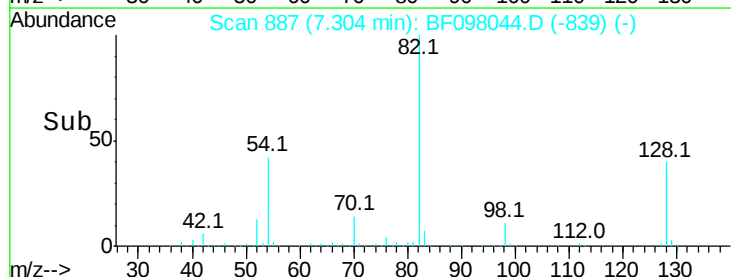
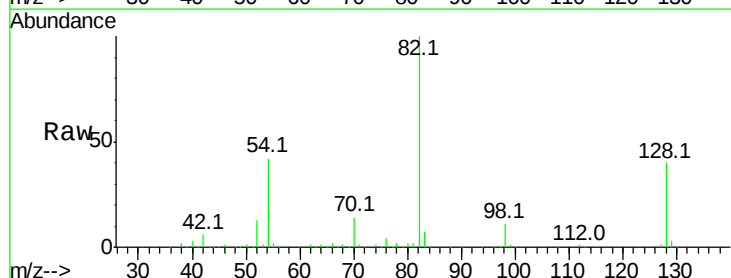
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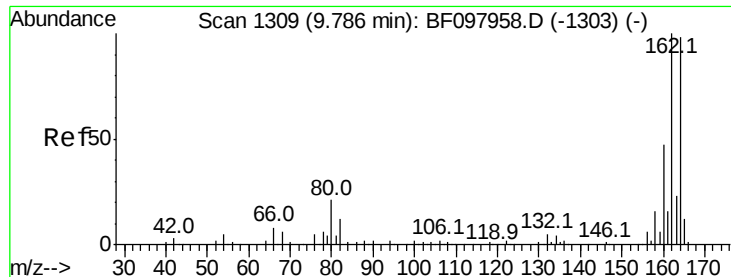
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#23
Nitrobenzene-d5
Concen: 91.454 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.5	34.0	51.0	
54	41.7	42.2	63.2#	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098044.D

Acq: 25 Aug 2017 21:42

Instrument :

BNA_F

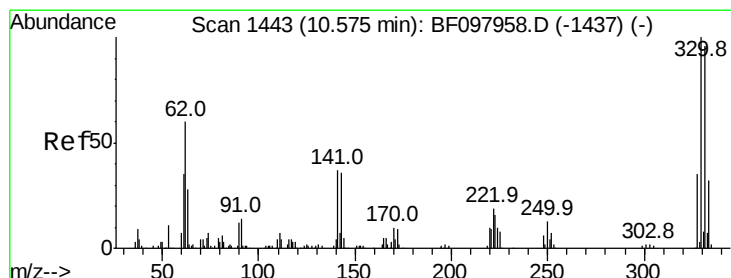
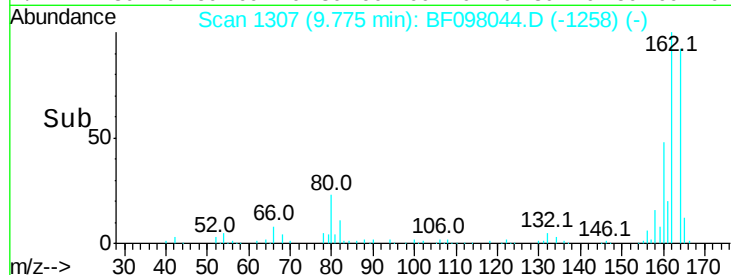
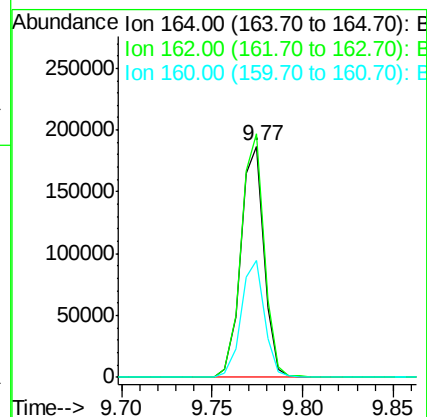
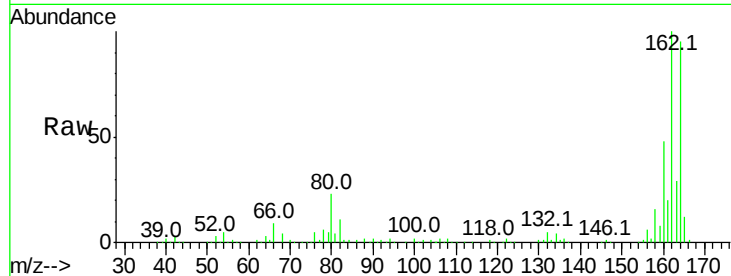
ClientSampleId :

FK-GF-02-010-A

Tot Ion:	164	Resp:	167469
Ion Ratio	Lower	Upper	
164	100		
162	105.3	82.6	123.8
160	50.4	36.2	54.2

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#41

2,4,6-Tribromophenol

Concen: 109.191 ng

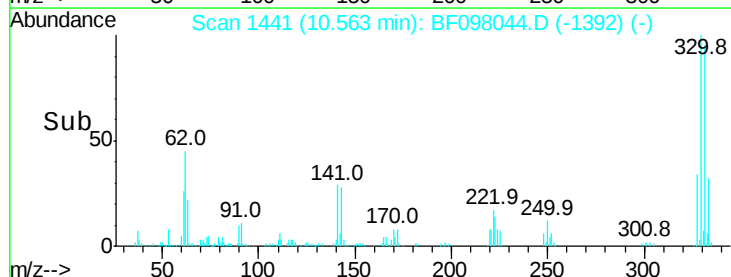
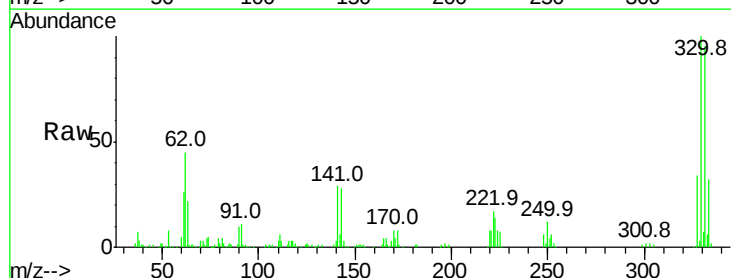
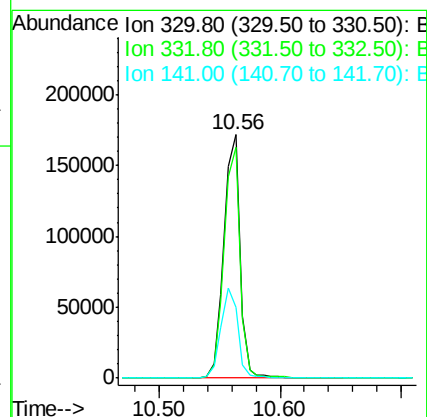
RT: 10.56 min Scan# 1441

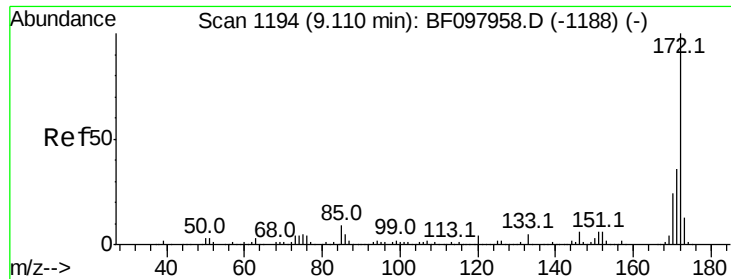
Delta R.T. -0.01 min

Lab File: BF098044.D

Acq: 25 Aug 2017 21:42

Tgt Ion:	330	Resp:	158662
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.6	115.0
141	38.5	31.4	47.2





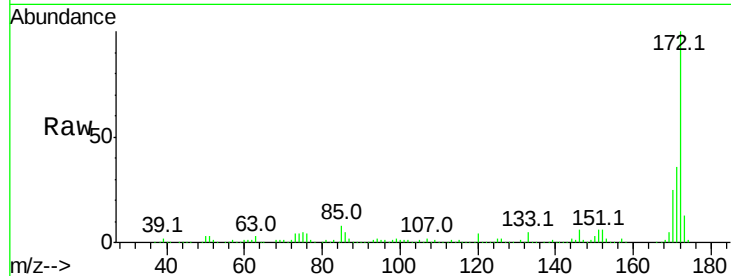
#44
2-Fluorobiphenyl
Concen: 86.931 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-010-A

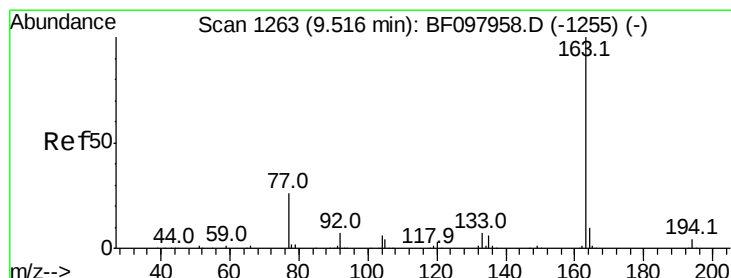
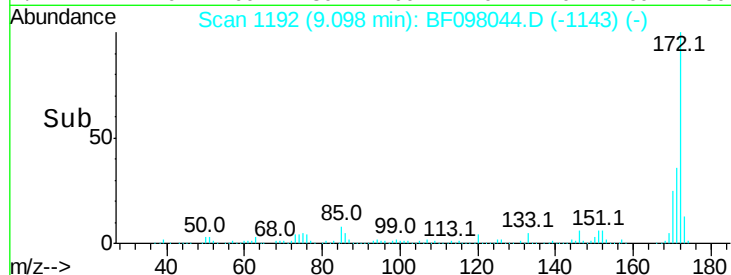
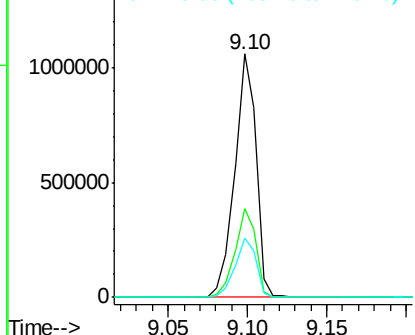
Tot Ion:	172	Resp:	990890
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8

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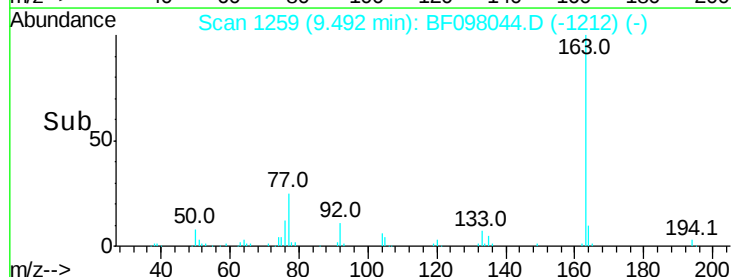
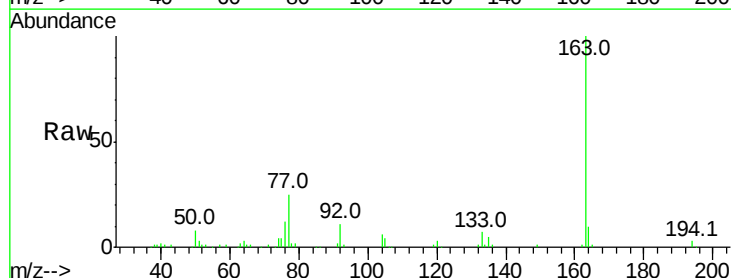
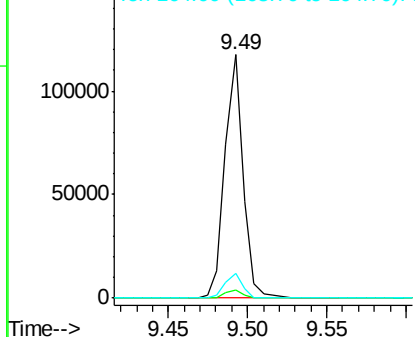
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

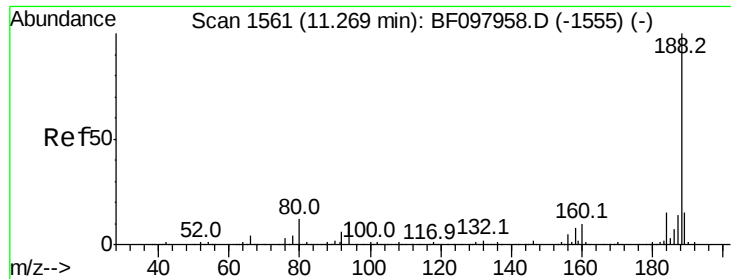


#49
Dimethylphthalate
Concen: 7.671 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Tgt Ion:	163	Resp:	93902
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.0	8.4	12.6

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





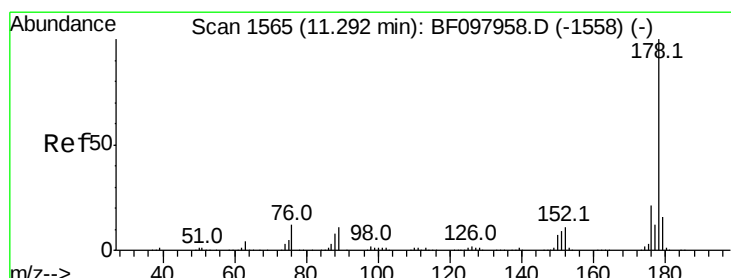
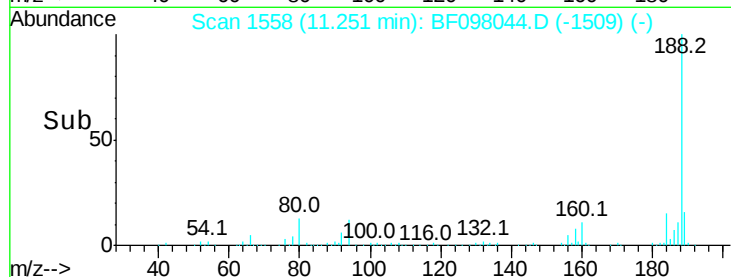
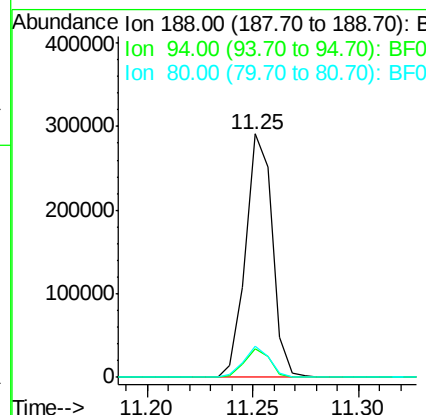
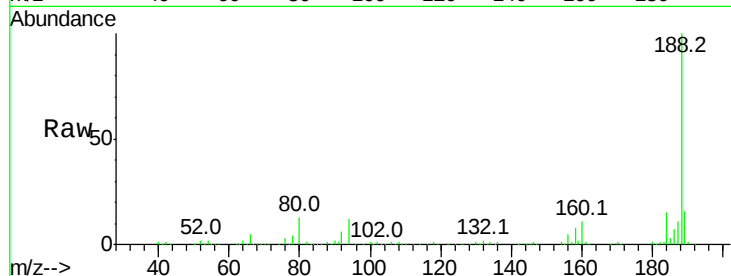
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-010-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	254837		
94	11.9		9.4	14.2
80	12.8		10.2	15.2

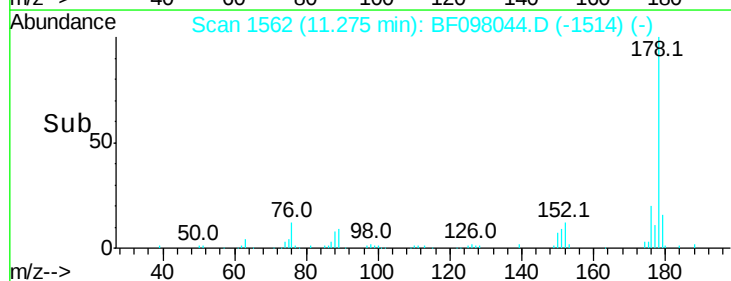
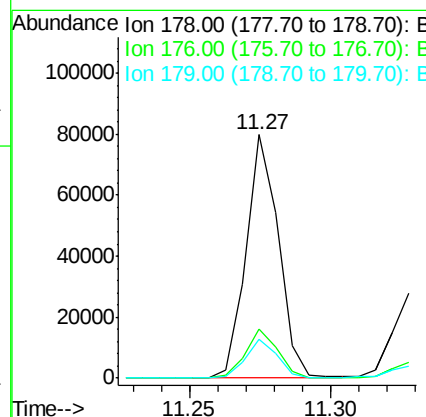
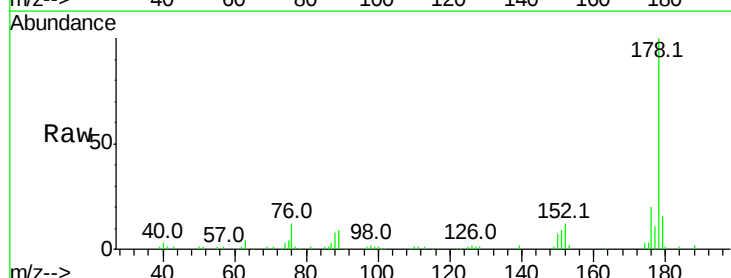
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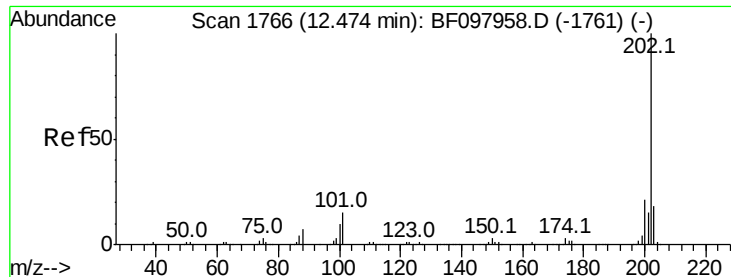
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#70
Phenanthrene
Concen: 4.680 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	63557		
176	19.9		16.2	24.4
179	15.7		12.6	19.0





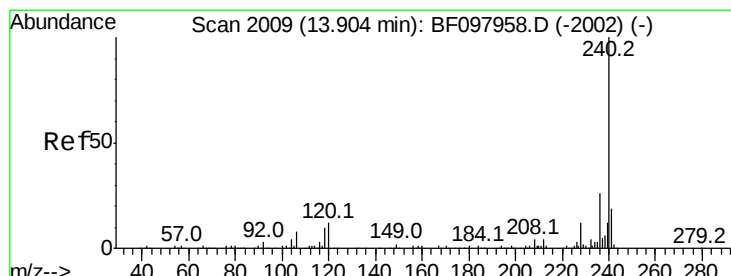
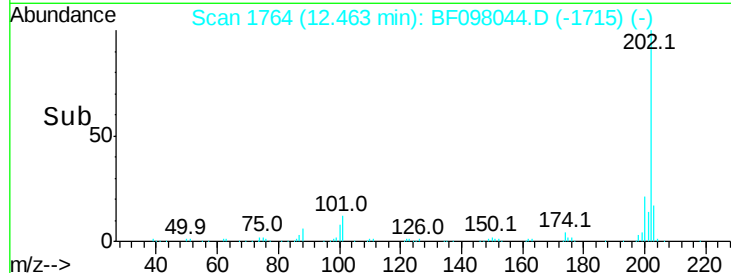
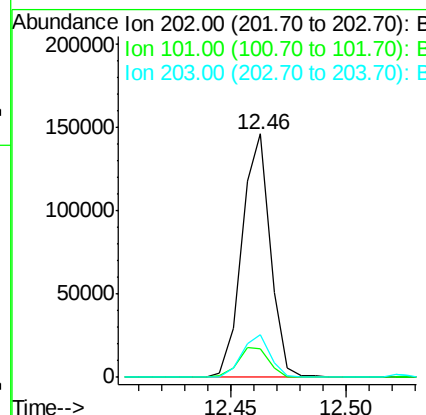
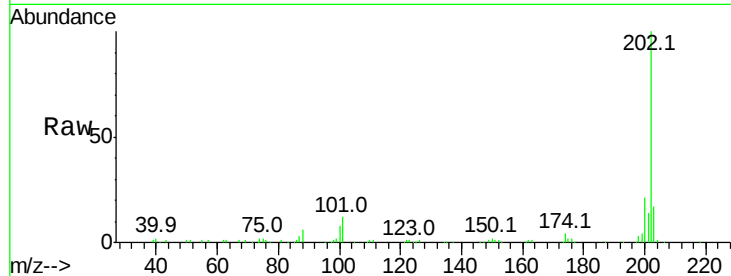
#74
 Fluoranthene
 Concen: 8.853 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.01 min
 Lab File: BF098044.D
 Acq: 25 Aug 2017 21:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-010-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.4	0.0	38.1

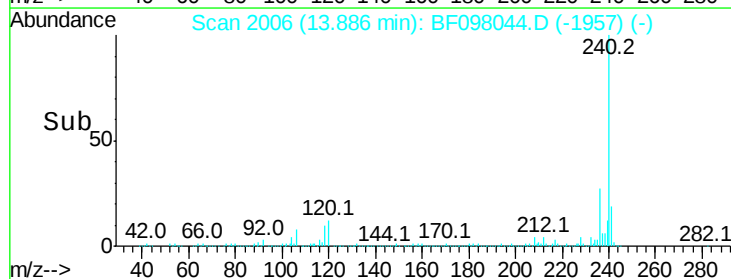
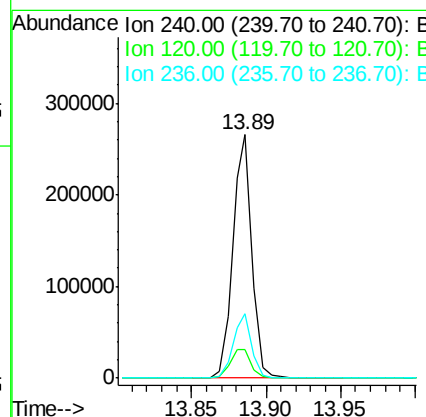
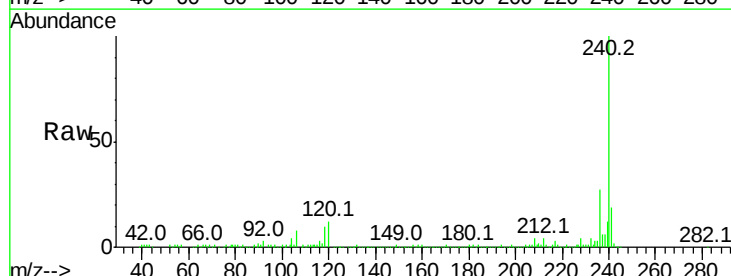
Manual Integrations
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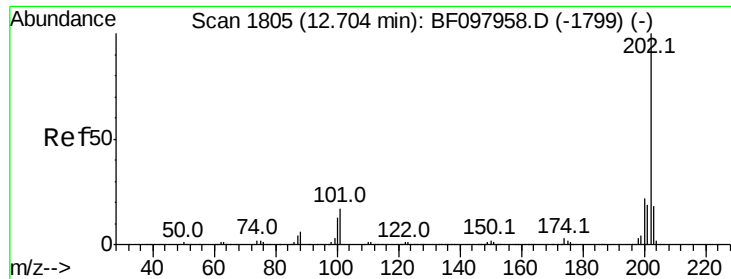
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF098044.D
 Acq: 25 Aug 2017 21:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.7	5.8	8.8#
236	26.5	20.5	30.7





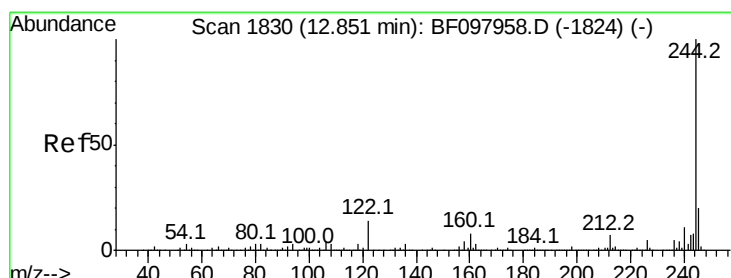
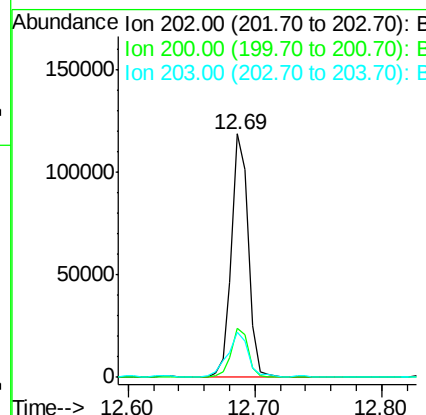
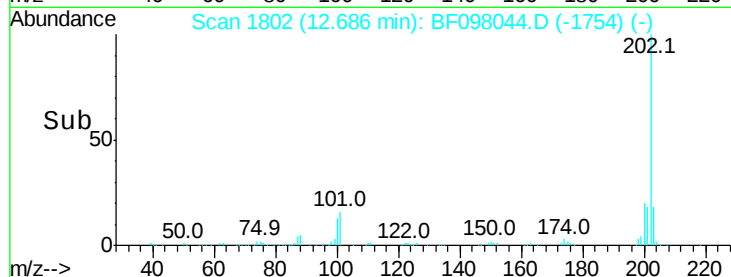
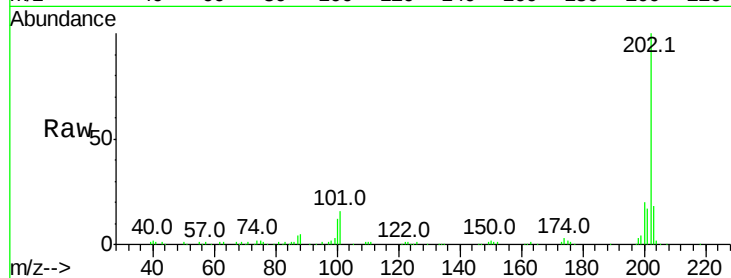
#77
Pvrene
Concen: 5.597 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-010-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	17.6	26.4
203	18.4	14.4	21.6

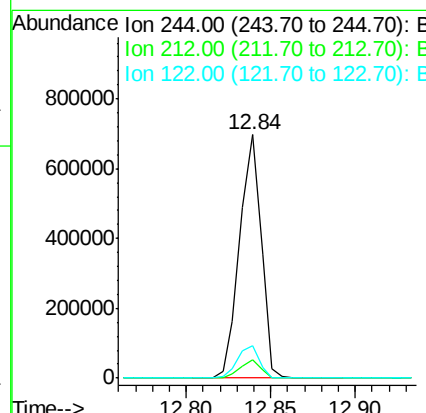
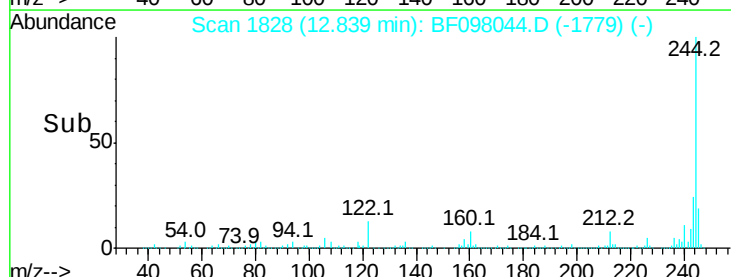
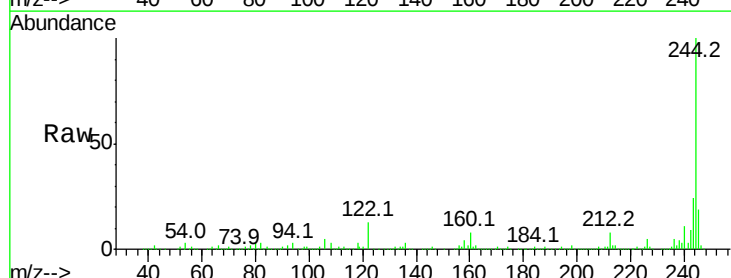
Manual Integrations
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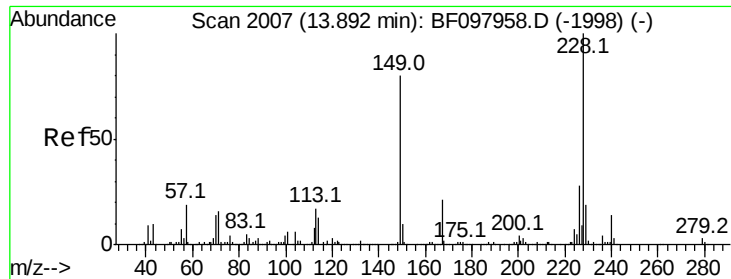
Sohil
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#78
Terphenyl-d14
Concen: 53.992 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.1	10.3	15.5





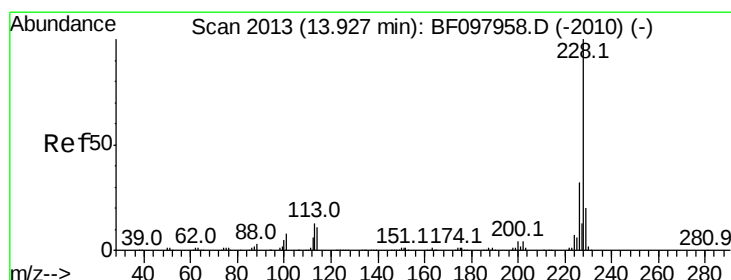
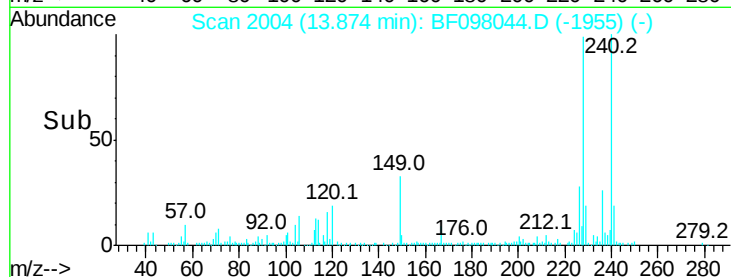
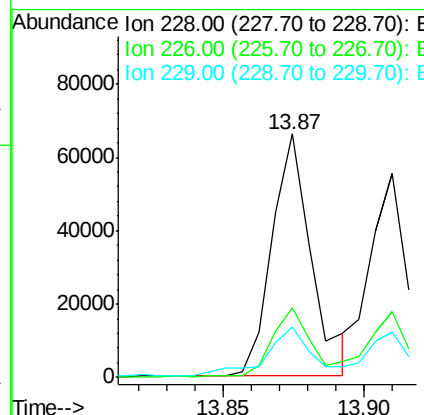
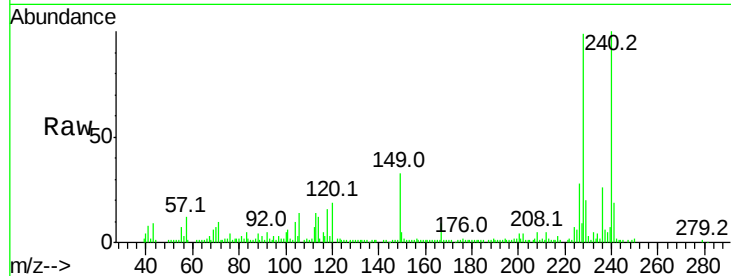
#80
Benzo(a)anthracene
Concen: 4.434 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-010-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.6	16.3	24.5

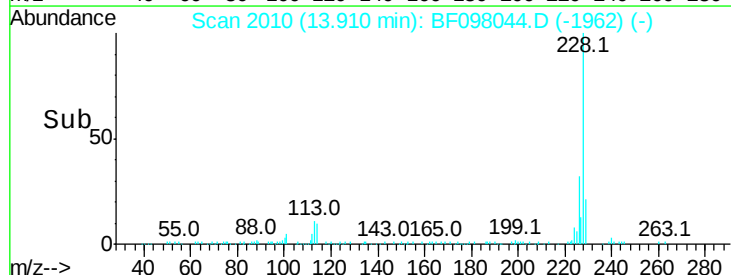
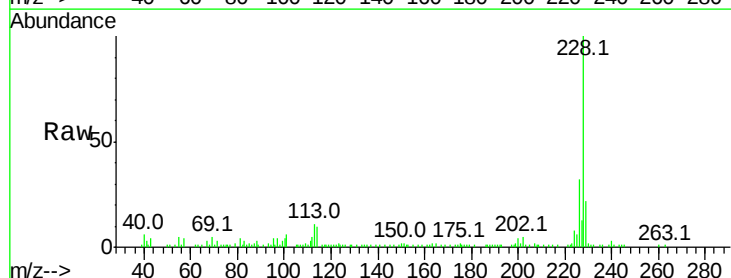
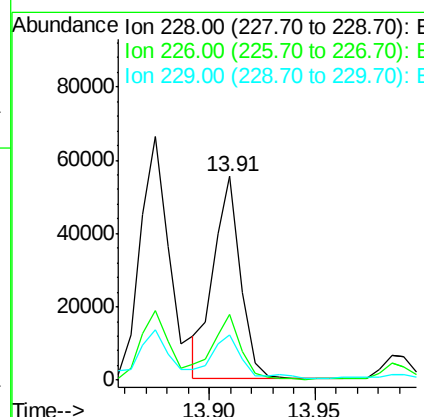
Manual Integrations
APPROVED

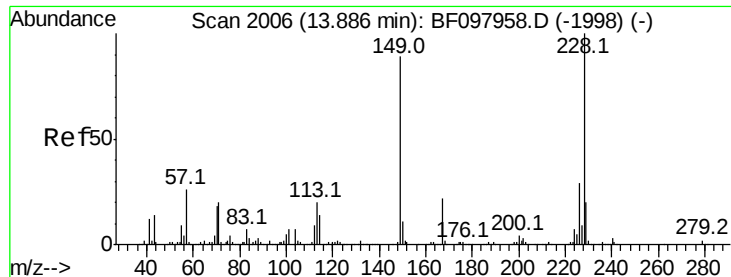
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#82
Chrysene
Concen: 3.469 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	22.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.067 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098044.D

Acq: 25 Aug 2017 21:42

Instrument :

BNA_F

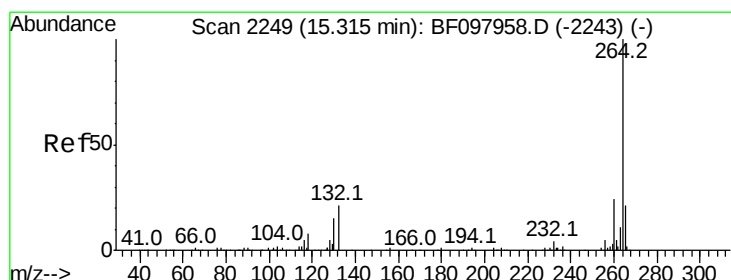
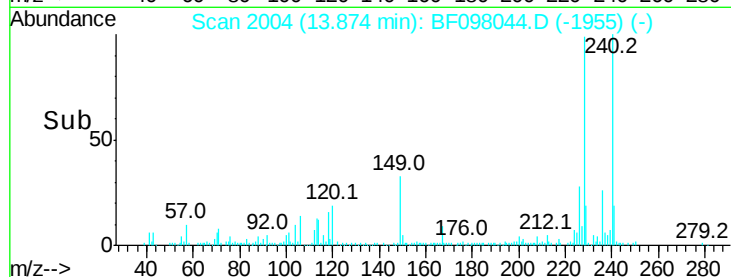
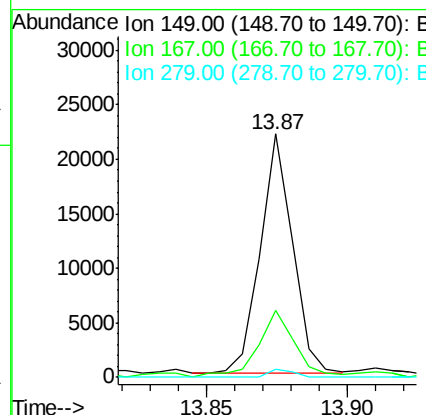
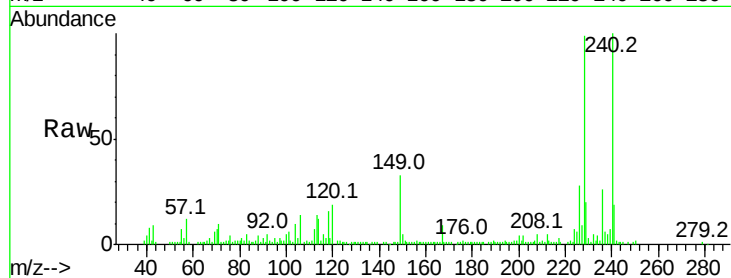
ClientSampleId :

FK-GF-02-010-A

Tot Ion:	149	Resp:	17228
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.0	31.4
279	3.6	1.9	2.9#

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

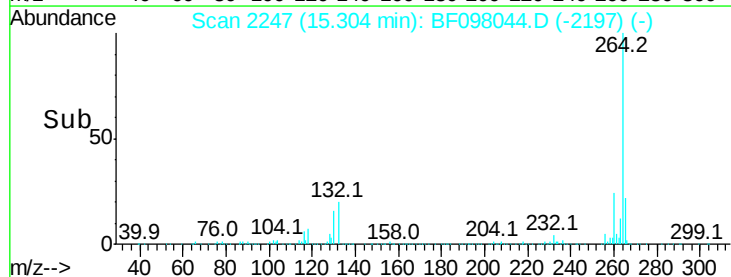
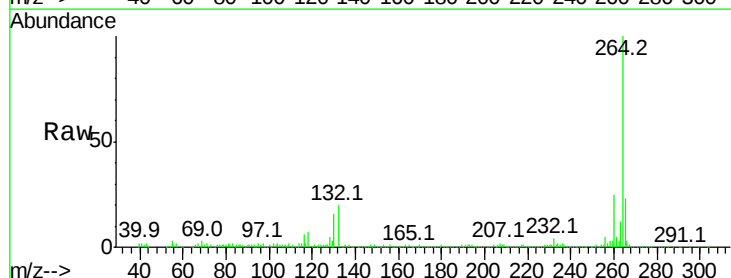
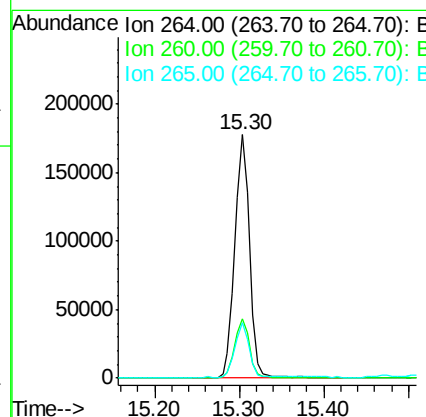
RT: 15.30 min Scan# 2247

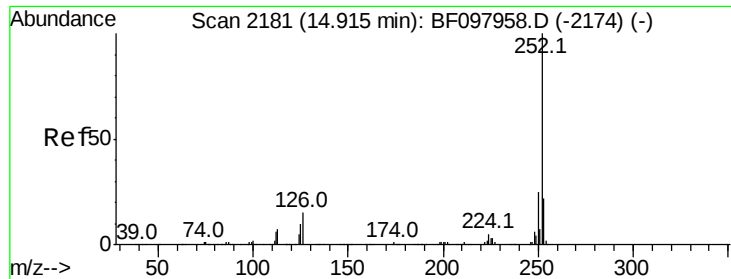
Delta R.T. -0.01 min

Lab File: BF098044.D

Acq: 25 Aug 2017 21:42

Tgt Ion:	264	Resp:	212848
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.5	29.3
265	22.5	17.2	25.8





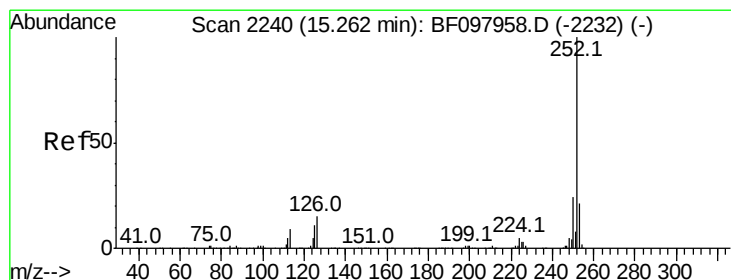
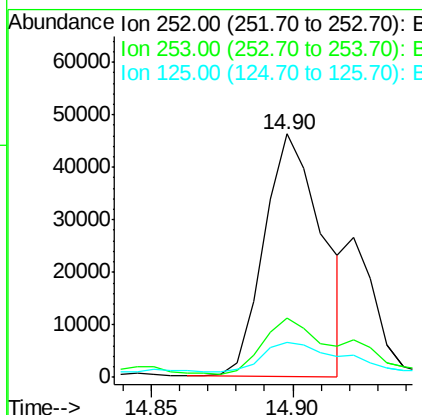
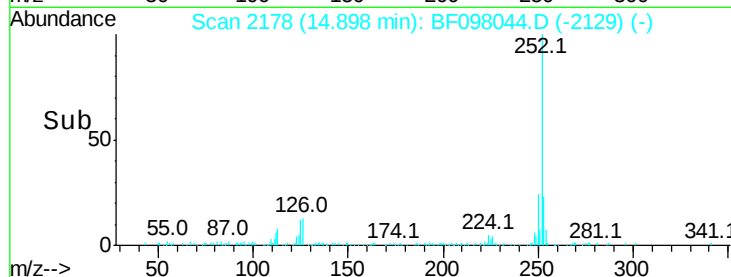
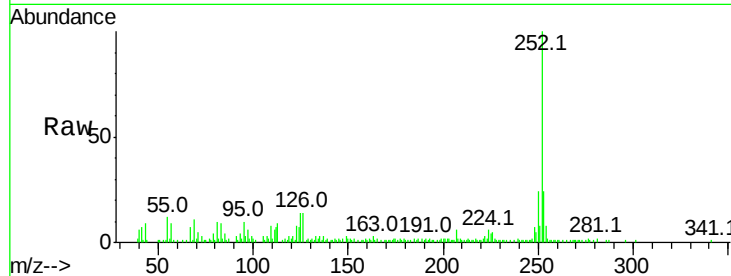
#87
Benzo(b)fluoranthene
Concen: 4.925 ng/mL
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-010-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	14.2	9.8	14.8

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 3.611 ng/mL
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF098044.D
Acq: 25 Aug 2017 21:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	14.3	11.0	16.4

