

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094568.D
 Acq On : 21 Apr 2017 17:51
 Operator : SJ/MA
 Sample : I2784-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-005-A

Manual Integrations
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mohammad
 4/24/2017 5:13:15 PM

Quant Time: Apr 22 00:59:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	111055	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	443517	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	209323	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	354555	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	274362	20.00	ng	-0.01
86) Perylene-d12	16.08	264	256986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	755114	112.81	ng	0.00
7) Phenol-d6	5.39	99	918840	116.44	ng	0.00
23) Nitrobenzene-d5	6.41	82	560100	77.98	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	189118	115.51	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1017964	71.55	ng	0.00
78) Terphenyl-d14	13.18	244	753903	73.45	ng	-0.01
Target Compounds						
10) Phenol	5.40	94	53602	5.53	ng	88
49) Dimethylphthalate	9.08	163	256458	16.44	ng	99
70) Phenanthrene	11.24	178	49246	2.47	ng	97
74) Fluoranthene	12.69	202	83121	4.02	ng	98
77) Pyrene	12.97	202	73555	3.84	ng	99
80) Benzo(a)anthracene	14.44	228	35184	2.21	ng	95
82) Chrysene	14.48	228	33443	2.29	ng	97
87) Benzo(b)fluoranthene	15.68	252	42660m	2.71	ng	

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

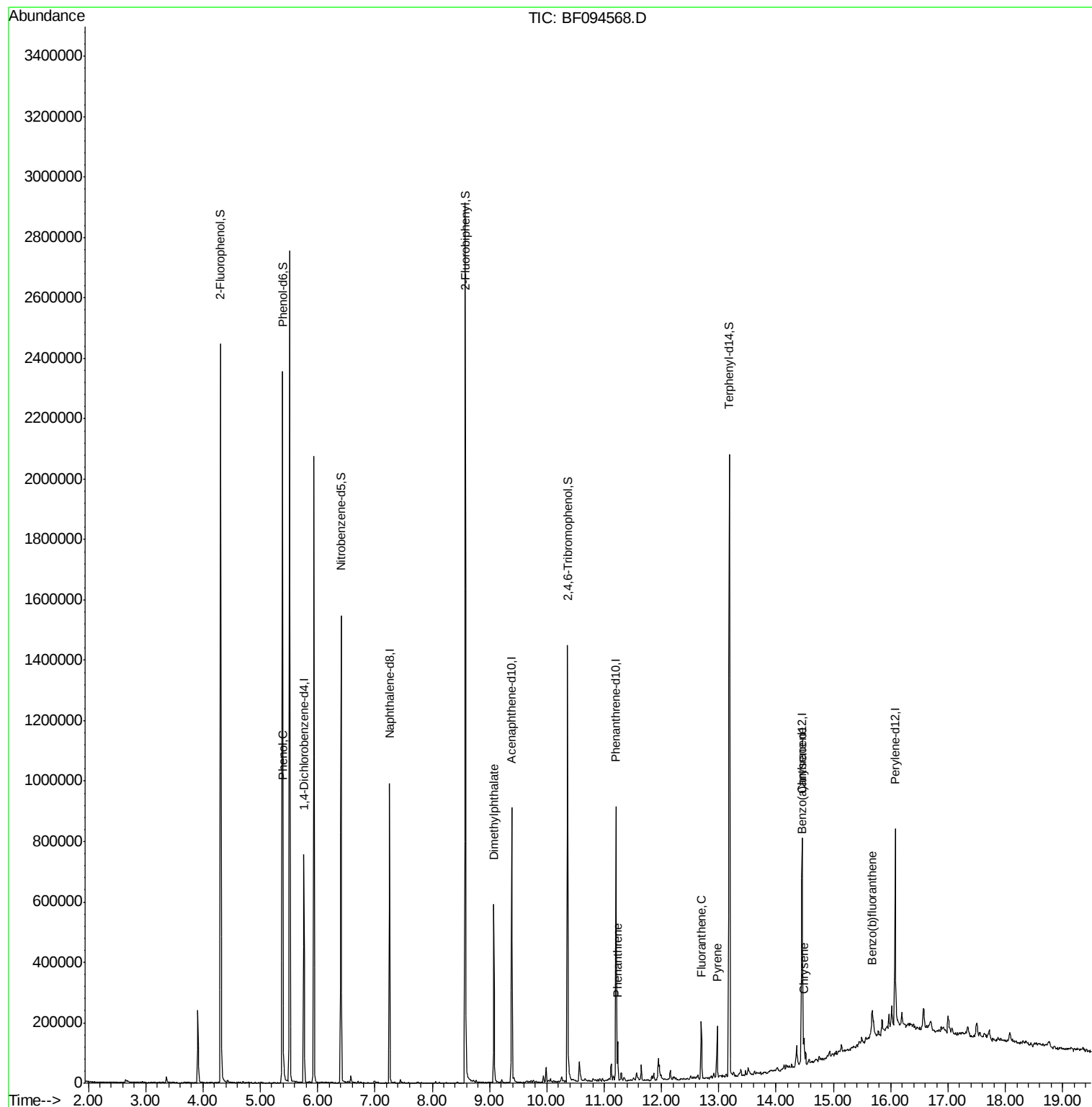
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

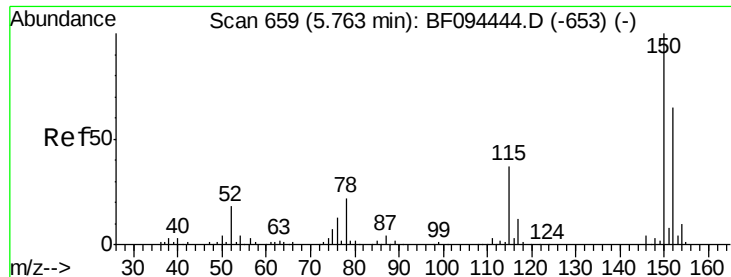
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

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Quant Time: Apr 22 00:59:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration





#1

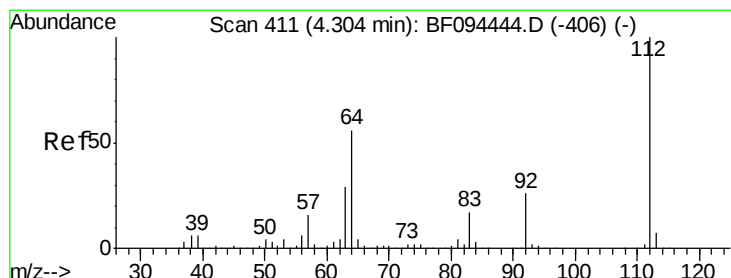
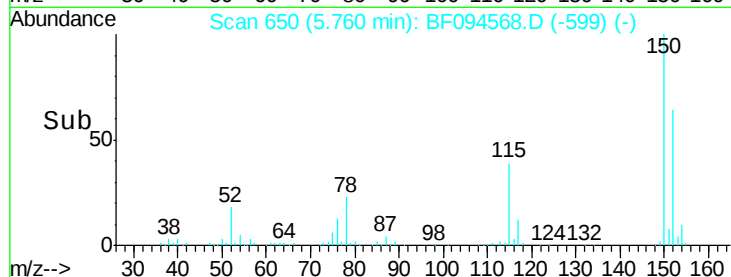
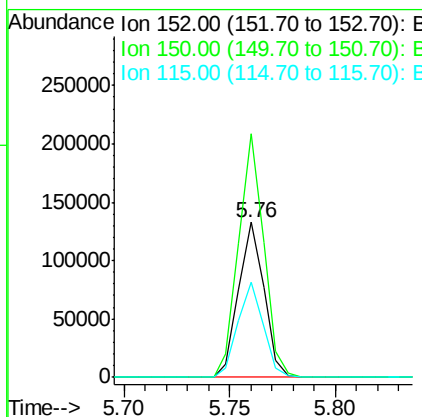
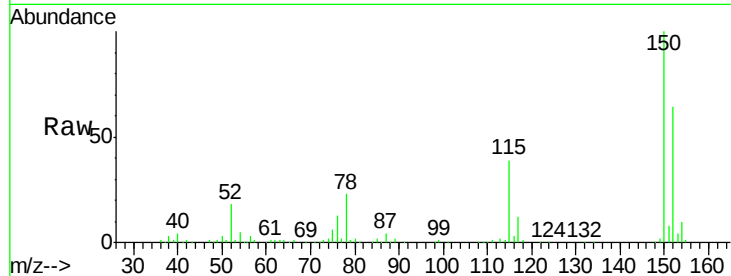
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.6	52.2	78.2

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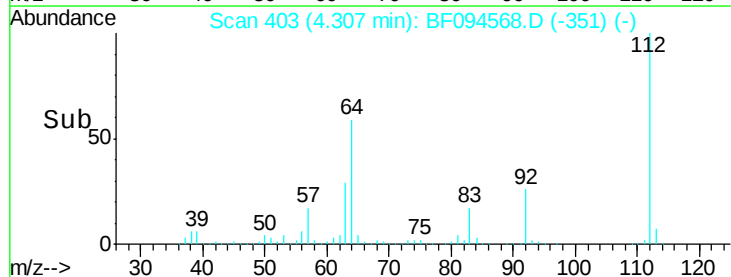
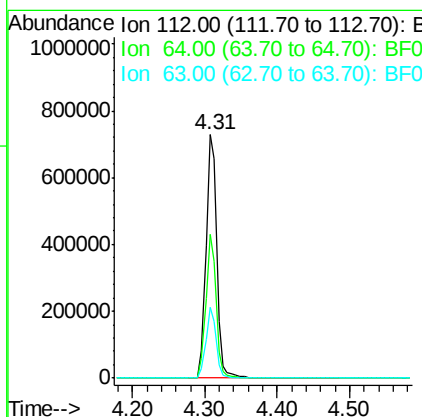
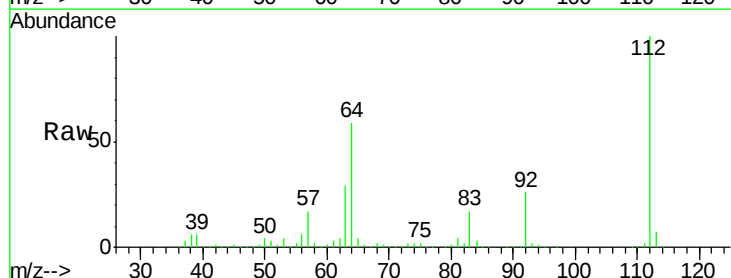
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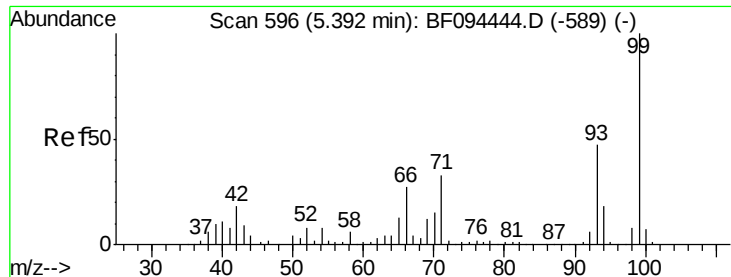


#5

2-Fluorophenol
Concen: 112.81 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	29.1	23.4	35.0





#7

Phenol-d6

Concen: 116.44 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094568.D

Acq: 21 Apr 2017 17:51

Instrument :

BNA_F

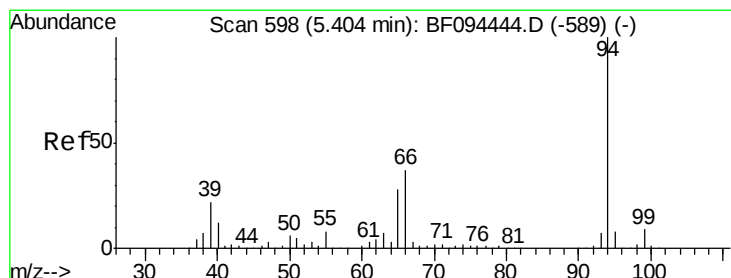
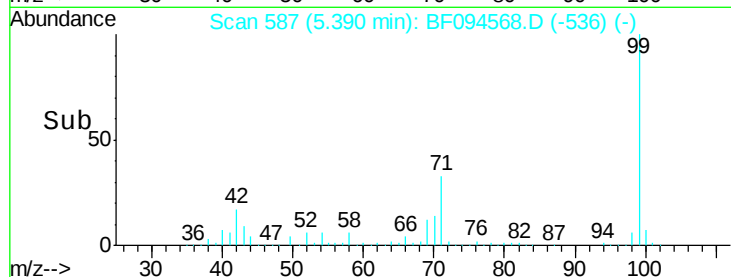
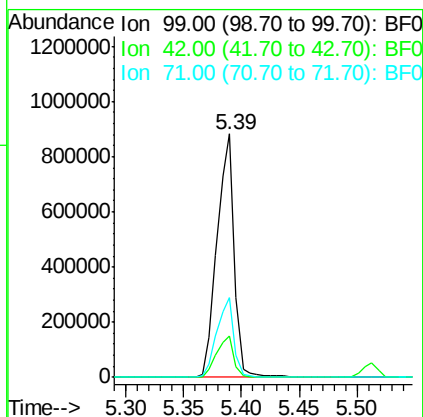
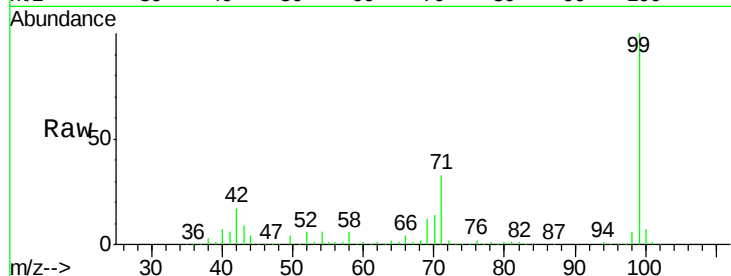
ClientSampleId :

FK-GF-02-005-A

Tot Ion:	99	Resp:	918840
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	32.6	24.5	36.7

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#10

Phenol

Concen: 5.53 ng

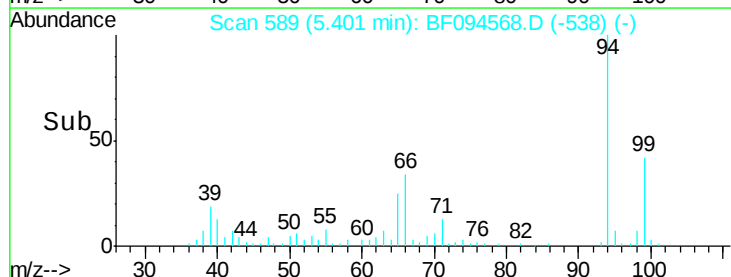
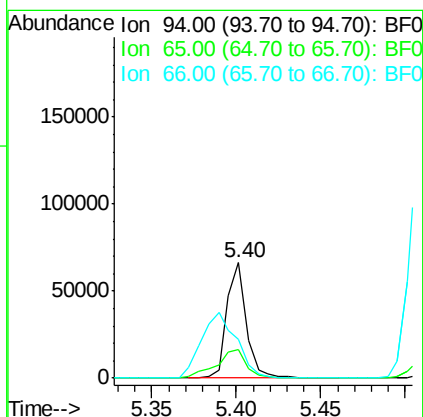
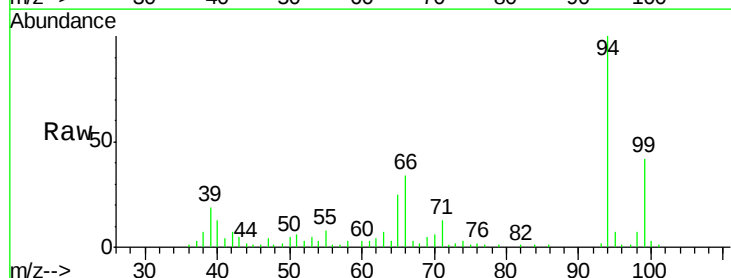
RT: 5.40 min Scan# 589

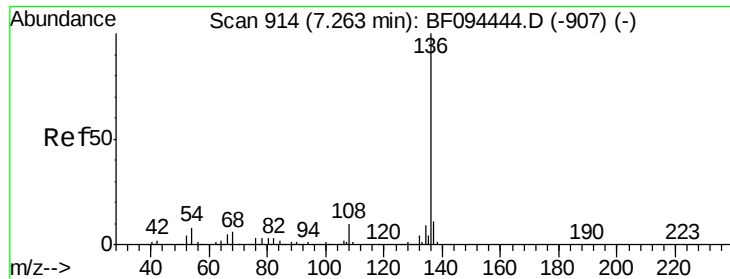
Delta R.T. -0.00 min

Lab File: BF094568.D

Acq: 21 Apr 2017 17:51

Tgt Ion:	94	Resp:	53602
Ion Ratio	Lower	Upper	
94	100		
65	24.9	9.9	49.9
66	33.8	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF094568.D

Acq: 21 Apr 2017 17:51

Instrument :

BNA_F

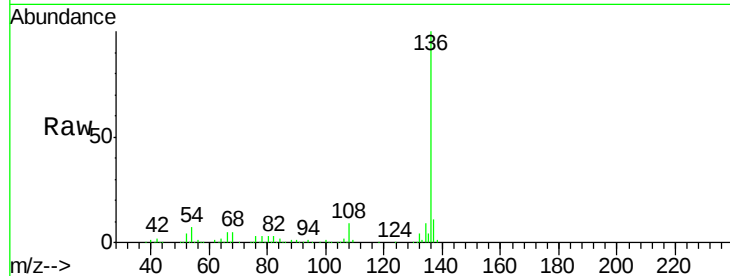
ClientSampleId :

FK-GF-02-005-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100	443517		
137	11.2	8.5	12.7	
54	7.0	4.9	7.3	
68	5.5	4.1	6.1	

Manual Integrations
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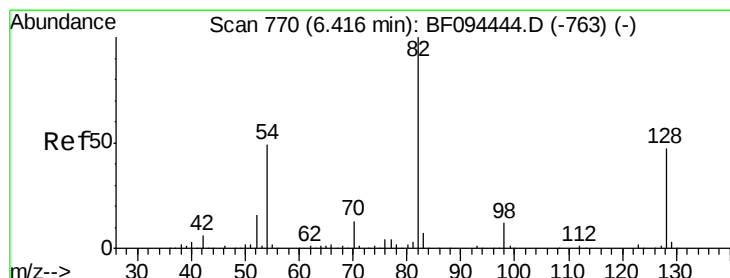
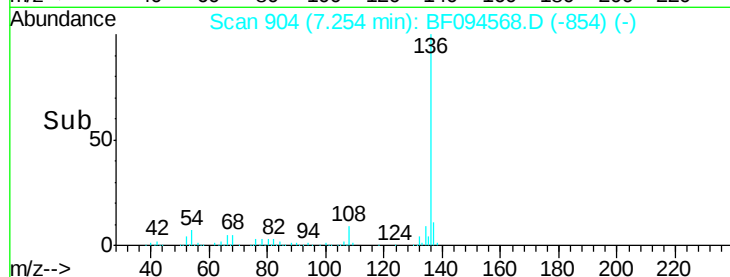
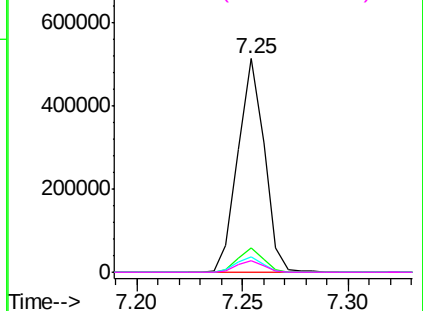


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 77.98 ng

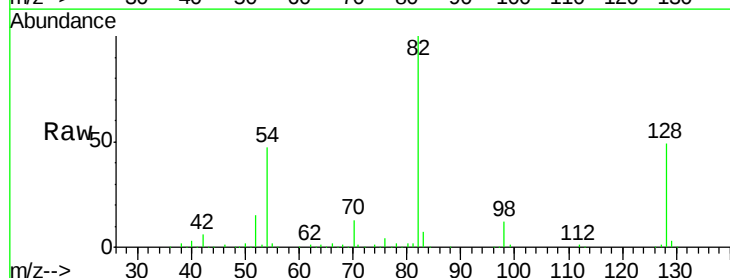
RT: 6.41 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF094568.D

Acq: 21 Apr 2017 17:51

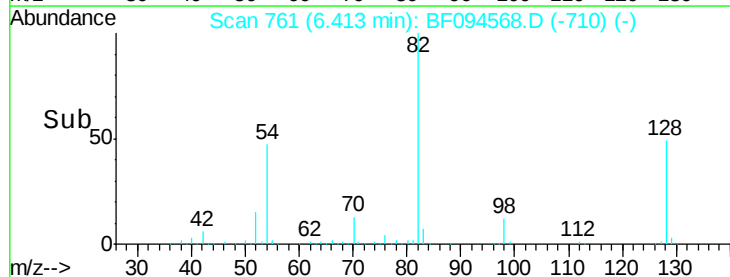
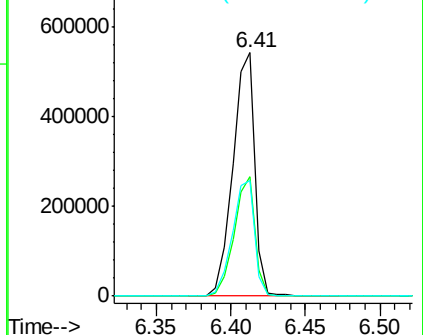
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	560100		
128	48.9	34.0	51.0	
54	47.3	42.2	63.2	

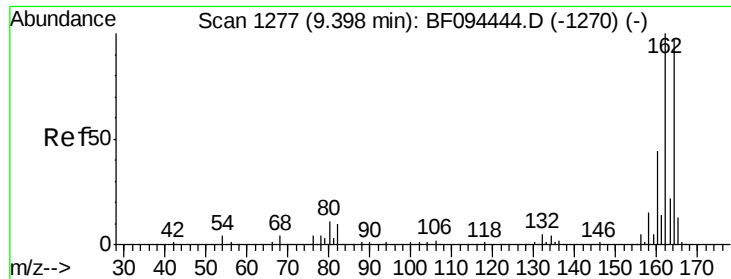


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





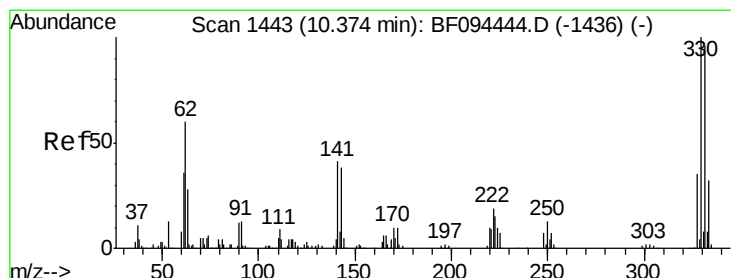
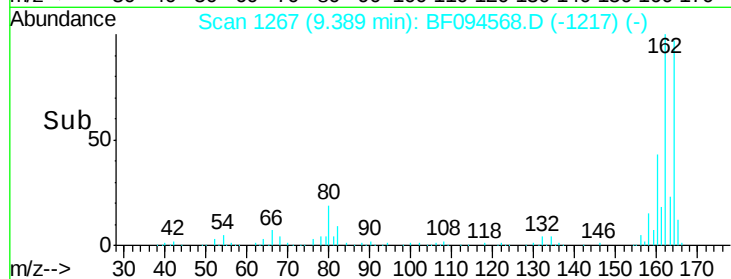
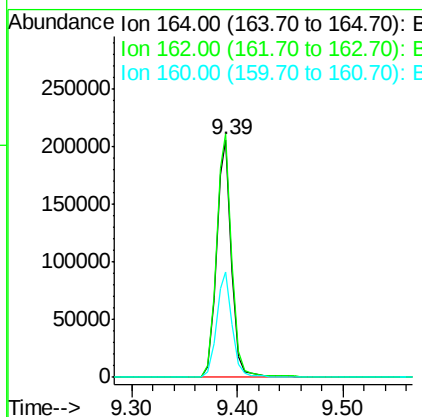
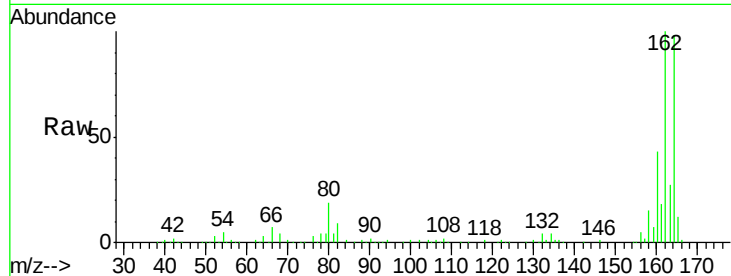
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.3	36.2	54.2

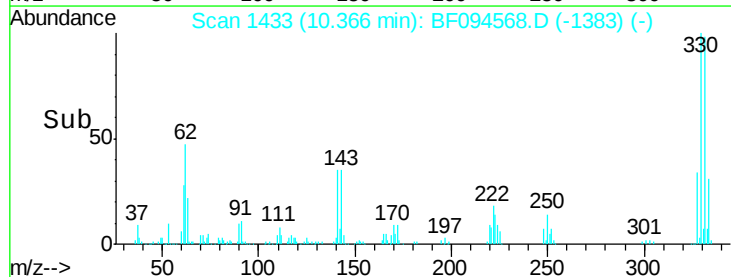
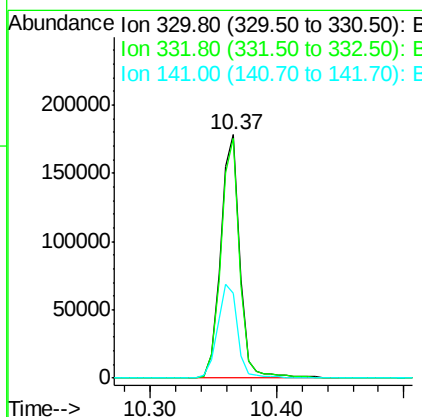
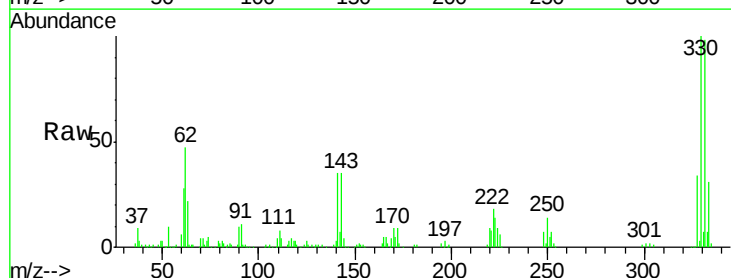
Manual Integrations
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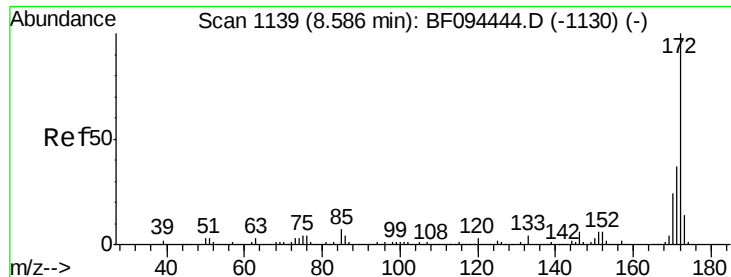
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#41
2,4,6-Tribromophenol
Concen: 115.51 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.5	31.4	47.2





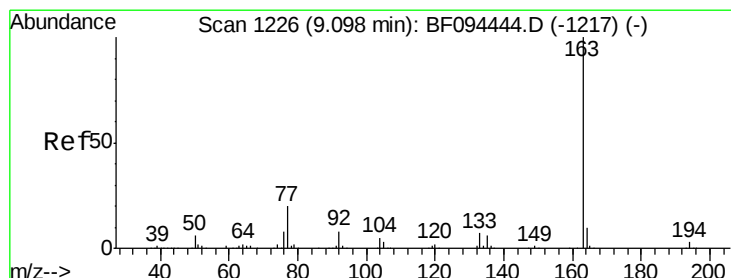
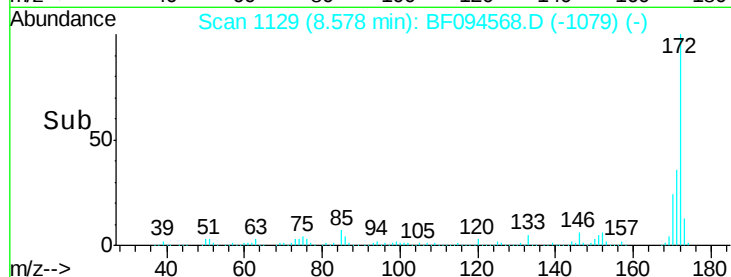
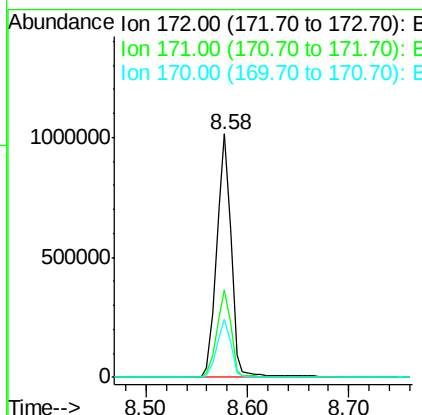
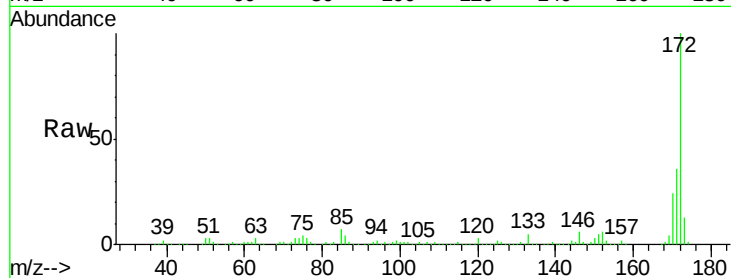
#44
2-Fluorobiphenyl
Concen: 71.55 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8

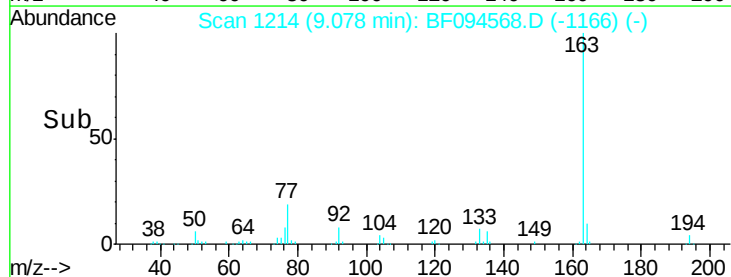
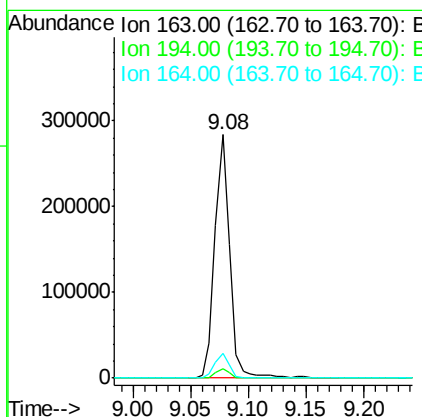
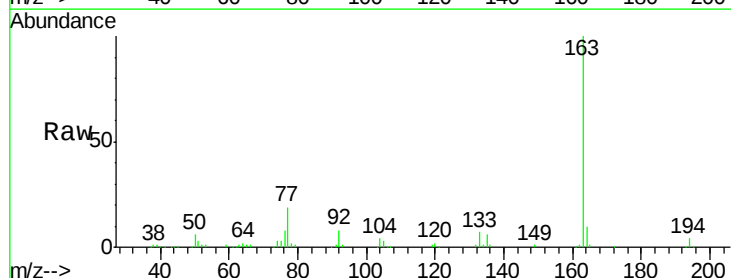
Manual Integrations
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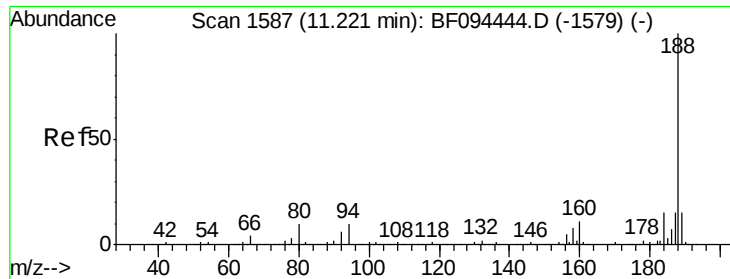
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#49
Dimethylphthalate
Concen: 16.44 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6





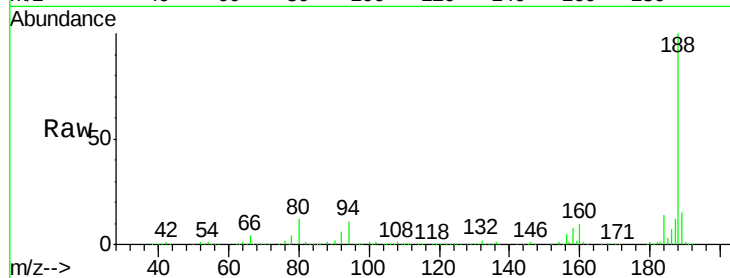
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

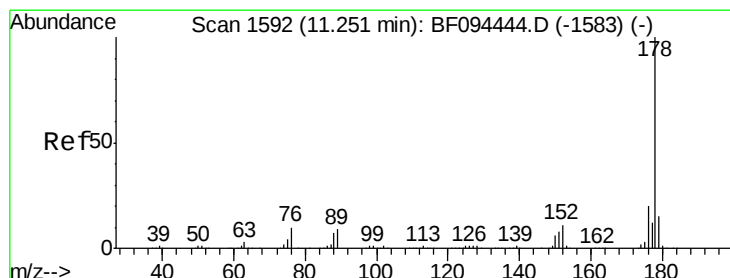
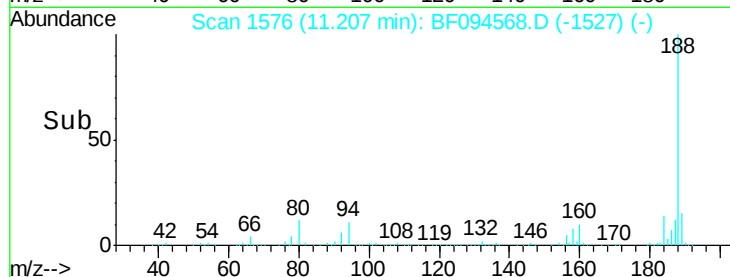
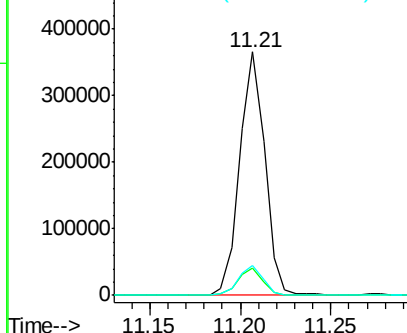
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.3	10.2	15.2

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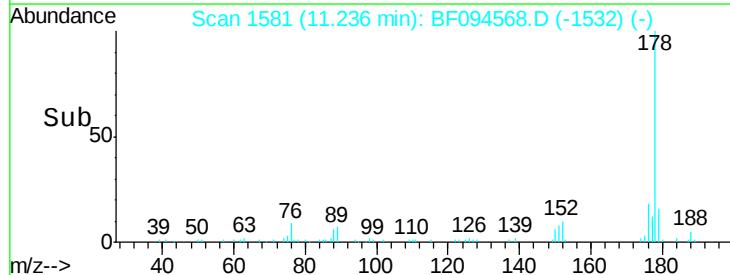
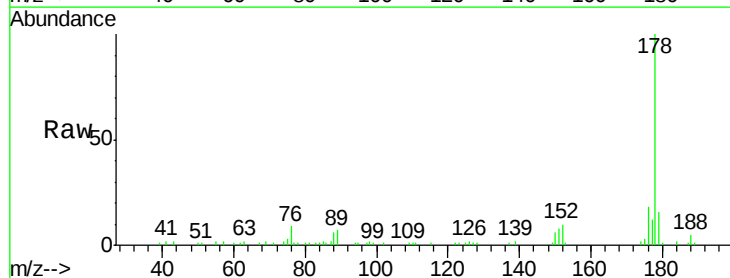
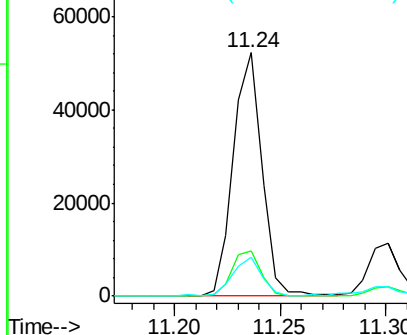
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

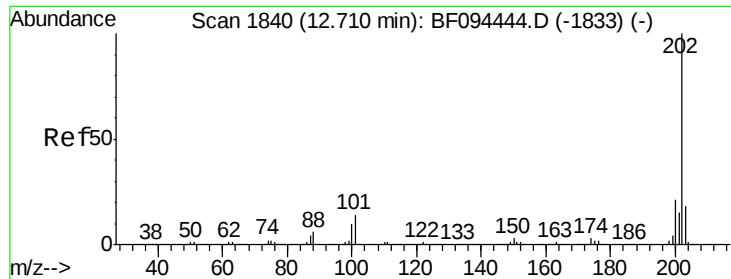


#70
Phenanthrene
Concen: 2.47 ng
RT: 11.24 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.4	16.2	24.4
179	16.1	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





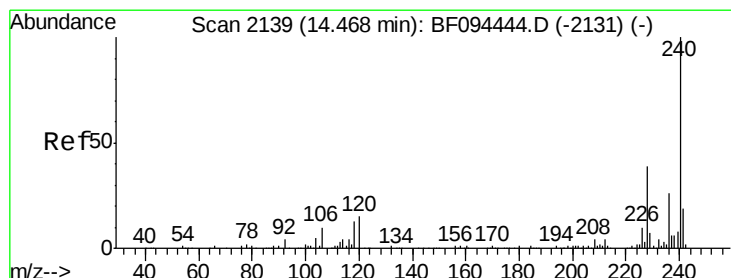
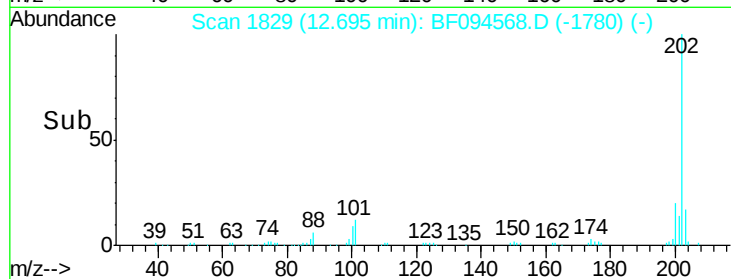
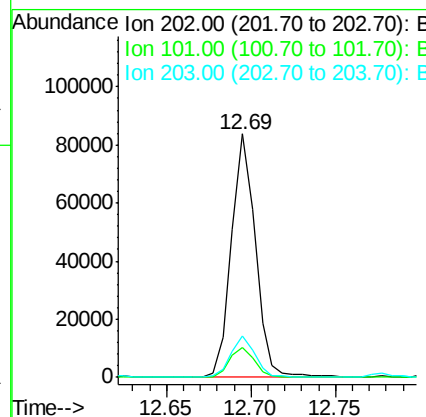
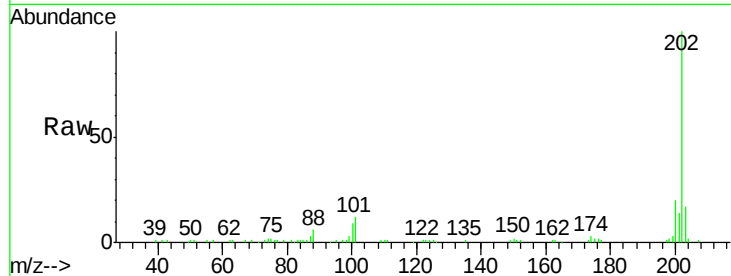
#74
 Fluoranthene
 Concen: 4.02 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF094568.D
 Acq: 21 Apr 2017 17:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-005-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	83121		
101	12.4	0.0	33.2	
203	17.0	0.0	38.1	

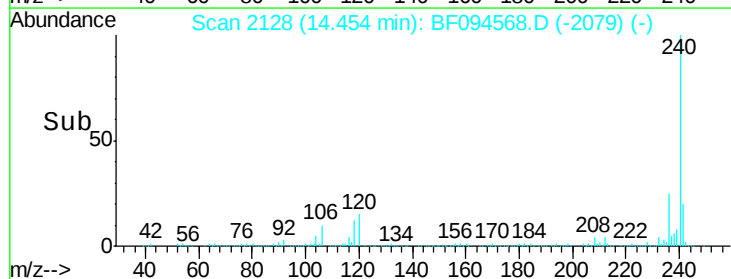
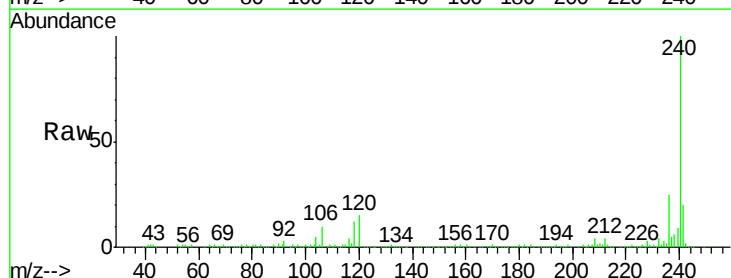
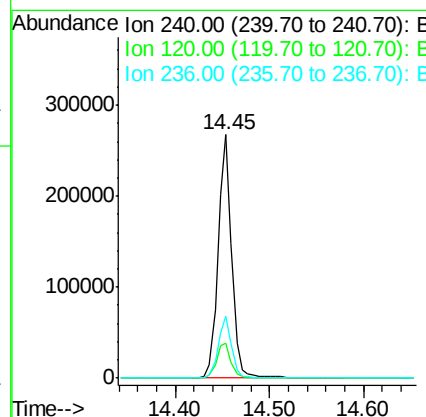
Manual Integrations
 APPROVED

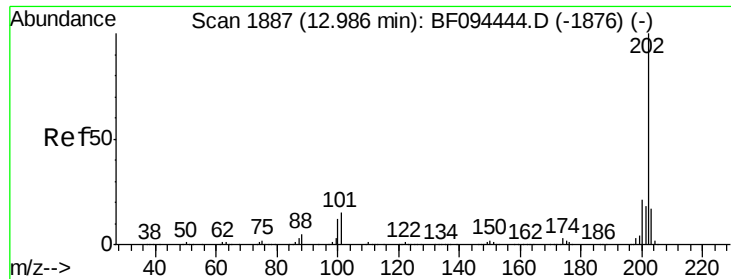
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094568.D
 Acq: 21 Apr 2017 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	274362		
120	14.5	5.8	8.8#	
236	25.3	20.5	30.7	





#77

Pvrene

Concen: 3.84 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094568.D

Acq: 21 Apr 2017 17:51

Instrument :

BNA_F

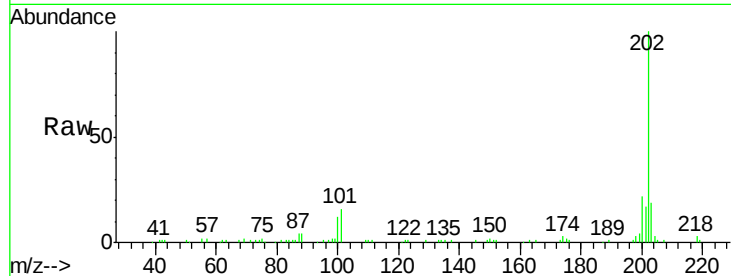
ClientSampleId :

FK-GF-02-005-A

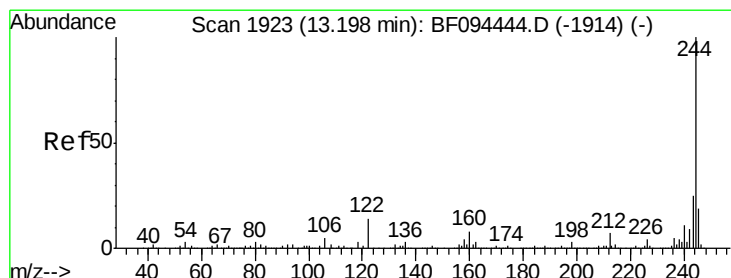
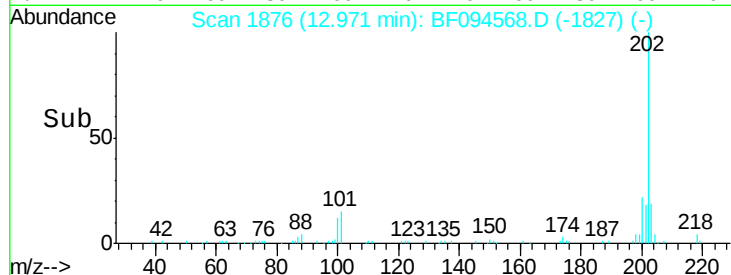
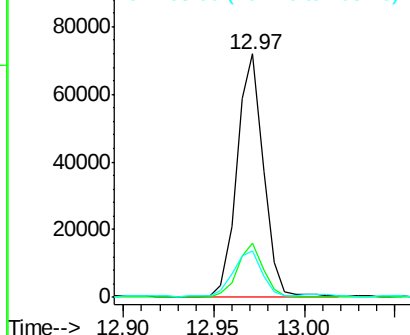
Tot Ion:	202	Resp:	73555
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.6	26.4
203	19.2	14.4	21.6

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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: 73.45 ng

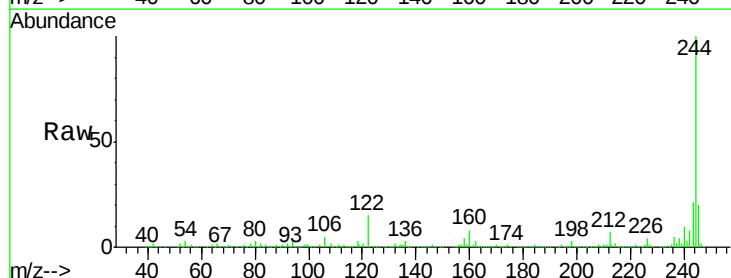
RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

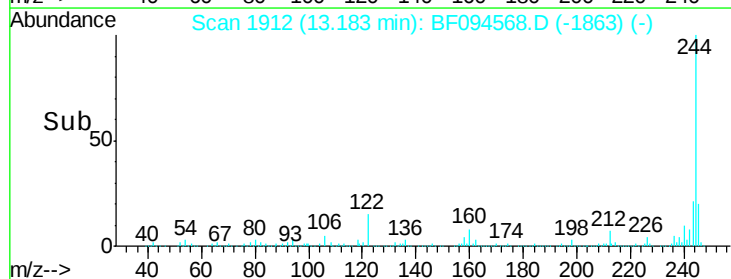
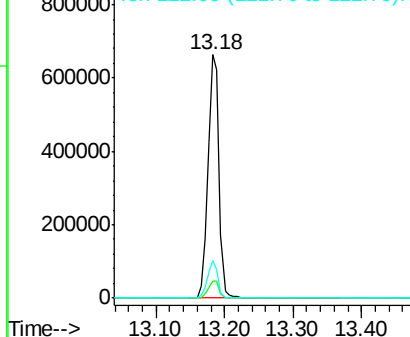
Lab File: BF094568.D

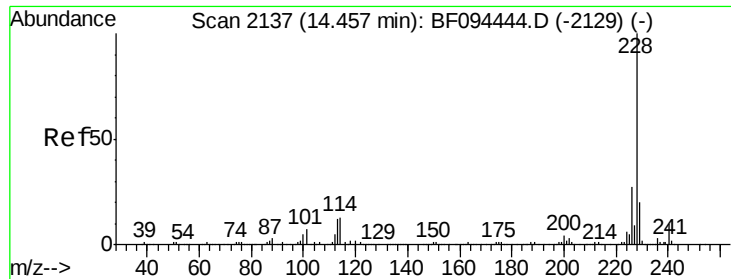
Acq: 21 Apr 2017 17:51

Tgt Ion:	244	Resp:	753903
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	15.2	10.3	15.5



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





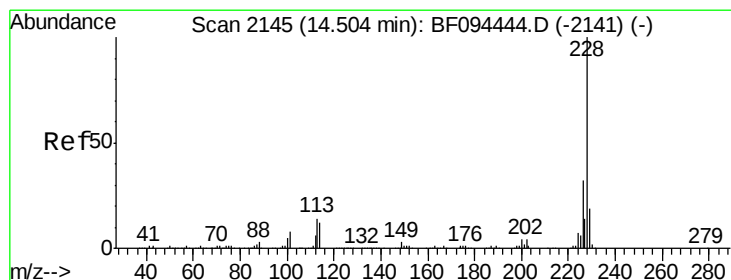
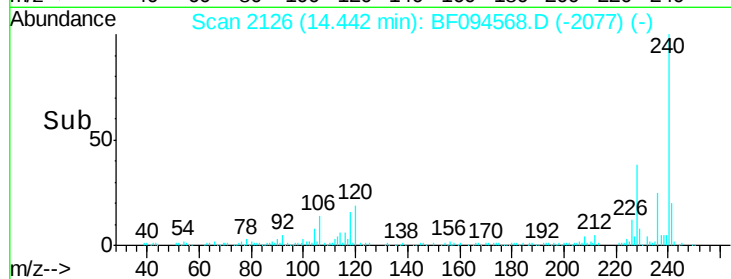
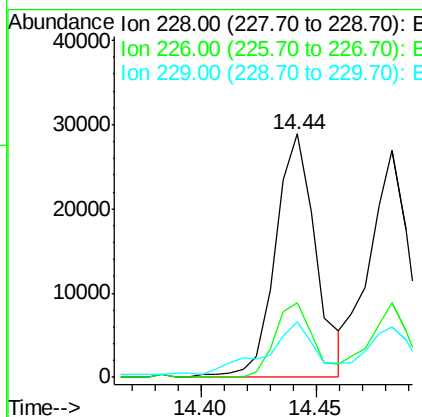
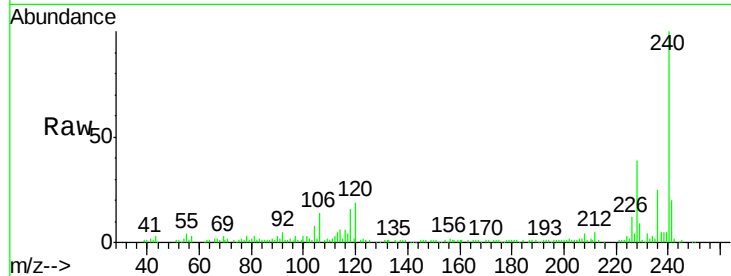
#80
Benzo(a)anthracene
Concen: 2.21 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	22.6	16.3	24.5

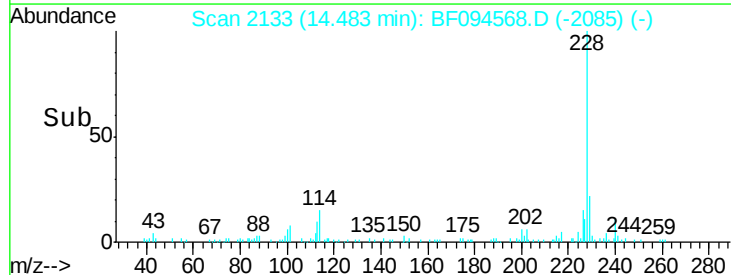
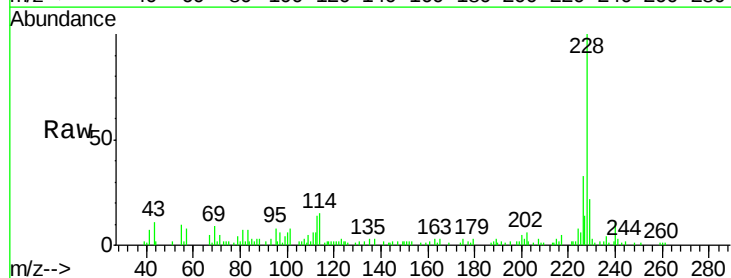
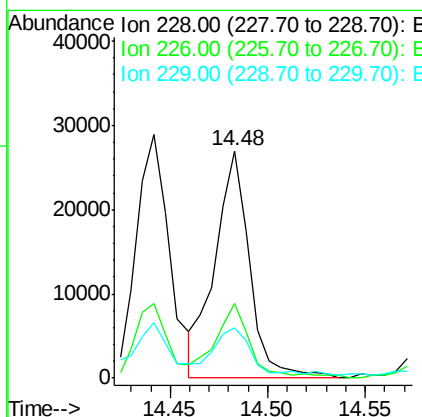
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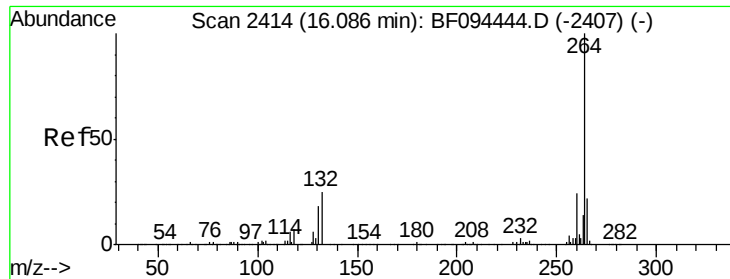
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#82
Chrysene
Concen: 2.29 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.9	15.8	23.6





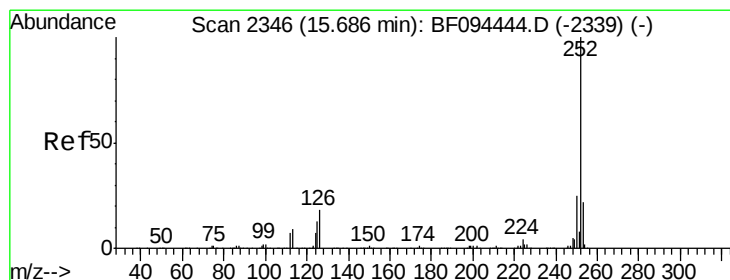
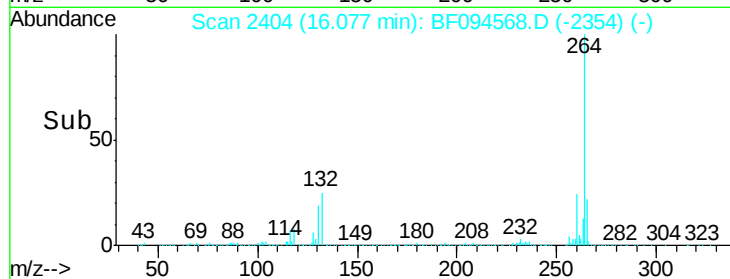
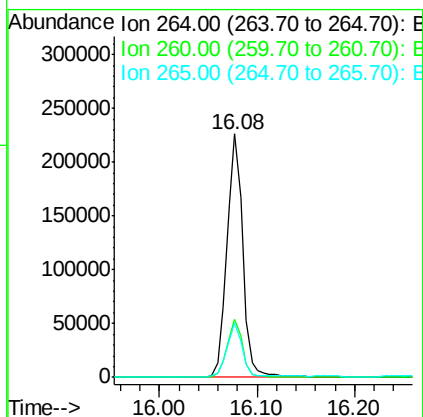
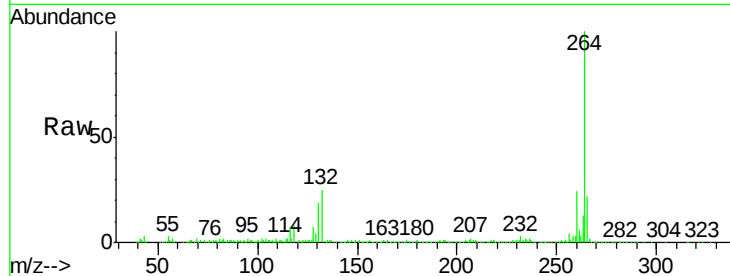
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-005-A

Tot Ion:	264	Resp:	256986
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.5	29.3
265	22.3	17.2	25.8

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#87
Benzo(b)fluoranthene
Concen: 2.71 ng m
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:	252	Resp:	42660
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.1	27.1
125	20.4	9.8	14.8#

