

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094569.D
 Acq On : 21 Apr 2017 18:19
 Operator : SJ/MA
 Sample : I2784-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Apr 22 01:07:25 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	108410	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	435903	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	196523	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	329293	20.00	ng	-0.01
75) Chrysene-d12	14.45	240	273562	20.00	ng	-0.01
86) Perylene-d12	16.08	264	260159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	711398	108.87	ng	0.00
7) Phenol-d6	5.39	99	873704	113.42	ng	0.00
23) Nitrobenzene-d5	6.41	82	535679	75.88	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	172727	112.37	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	988200	73.99	ng	0.00
78) Terphenyl-d14	13.18	244	749431	73.23	ng	-0.01
Target Compounds						
10) Phenol	5.40	94	49526	5.23	ng	87
49) Dimethylphthalate	9.08	163	162158	11.07	ng	100
70) Phenanthrene	11.24	178	52609	2.84	ng	97
74) Fluoranthene	12.69	202	88336	4.60	ng	98
77) Pyrene	12.97	202	78703	4.12	ng	97
80) Benzo(a)anthracene	14.44	228	37343	2.35	ng	97
82) Chrysene	14.48	228	35748	2.46	ng	99
87) Benzo(b)fluoranthene	15.68	252	51670m	3.25	ng	
89) Benzo(a)pyrene	16.02	252	37291	2.52	ng	# 91

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

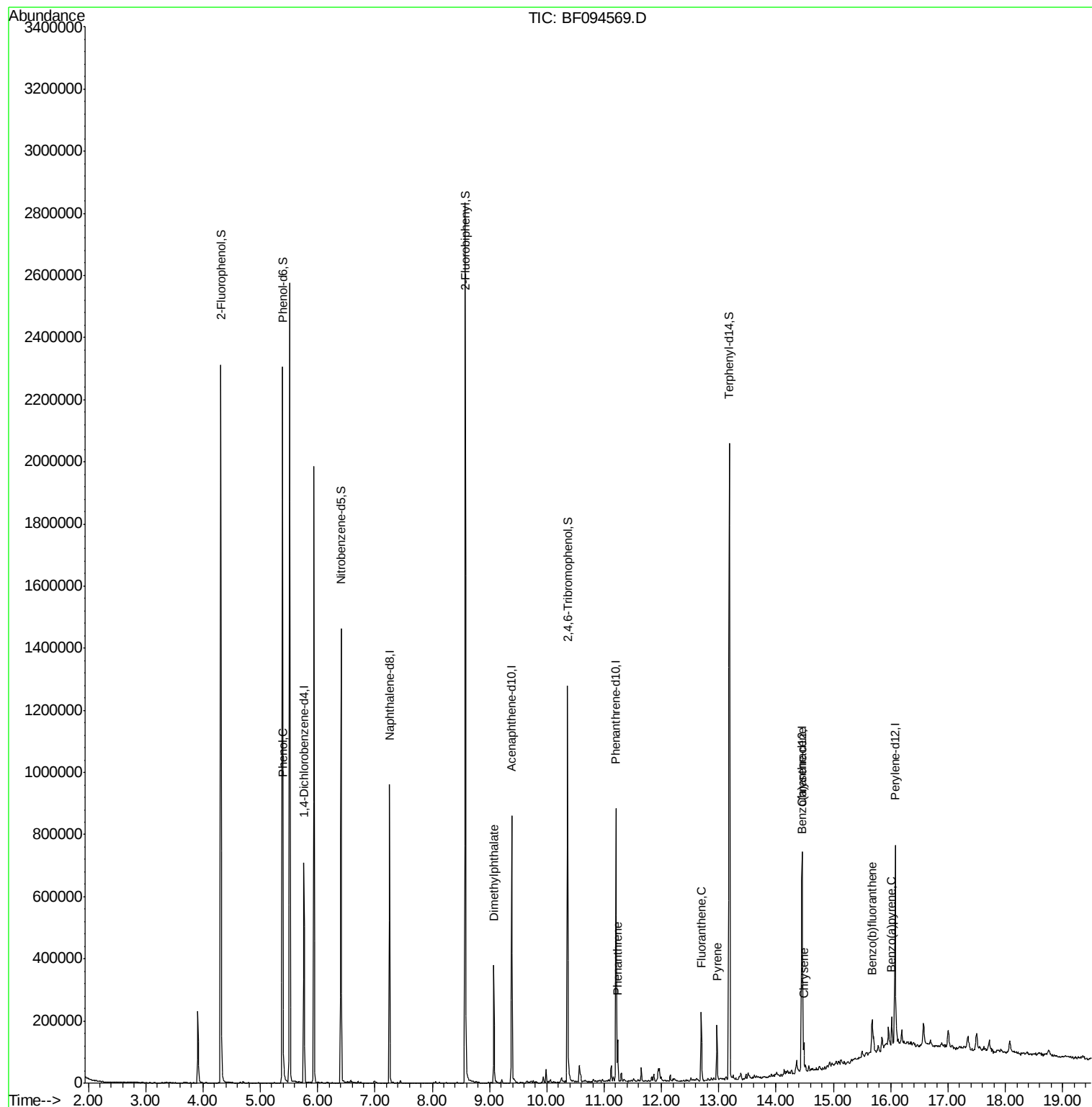
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
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Acq On : 21 Apr 2017 18:19
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Quant Time: Apr 22 01:07:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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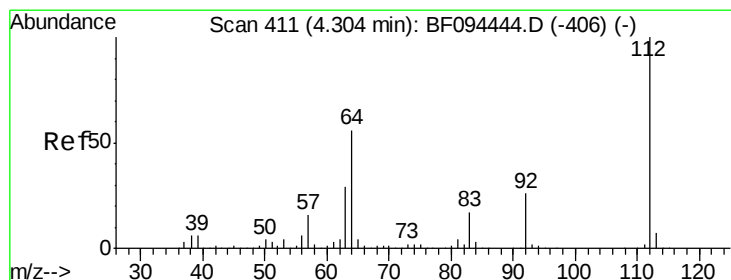
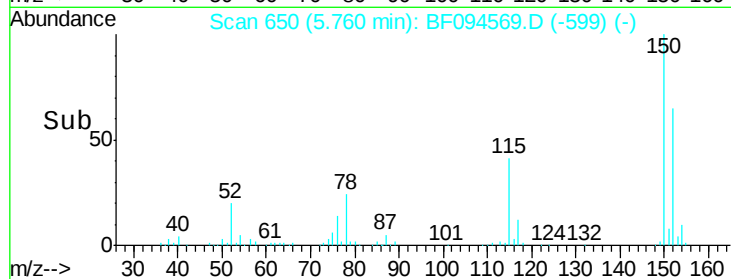
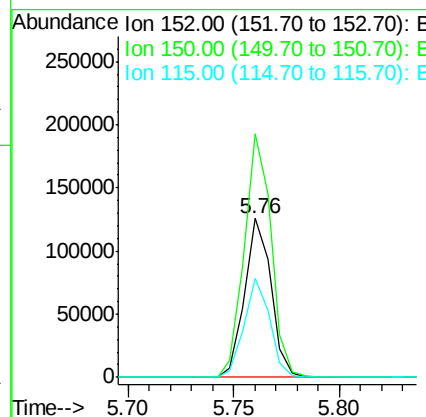
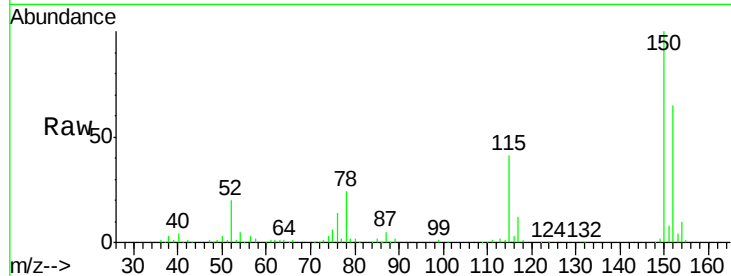
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF094569.D
 Acq: 21 Apr 2017 18:19

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	62.6	52.2	78.2

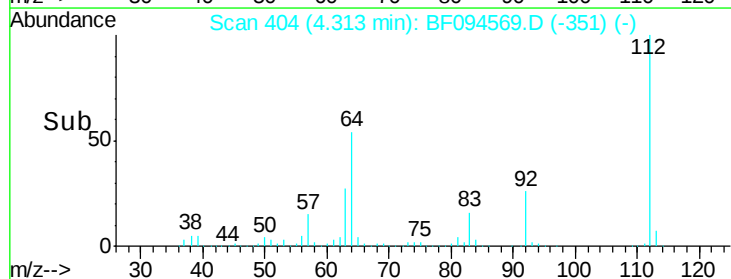
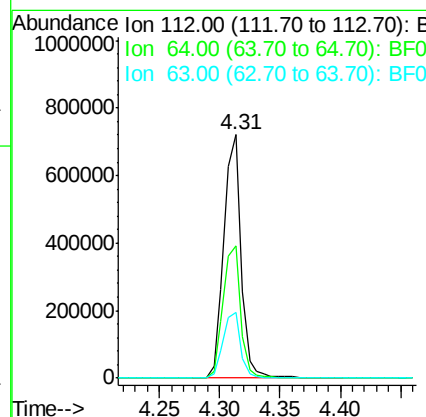
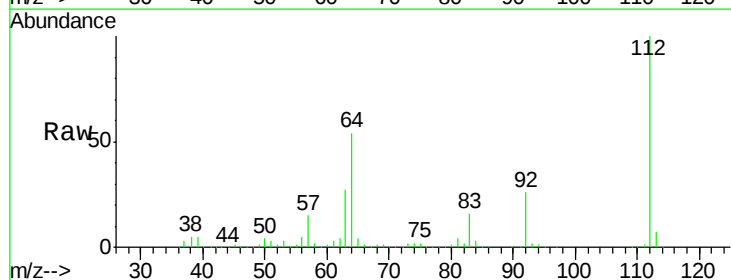
Manual Integrations
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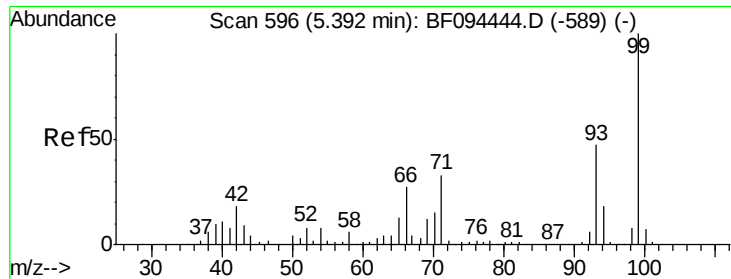
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#5
 2-Fluorophenol
 Concen: 108.87 ng
 RT: 4.31 min Scan# 404
 Delta R.T. 0.01 min
 Lab File: BF094569.D
 Acq: 21 Apr 2017 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	27.2	23.4	35.0





#7

Phenol-d6

Concen: 113.42 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094569.D

Acq: 21 Apr 2017 18:19

Instrument :

BNA_F

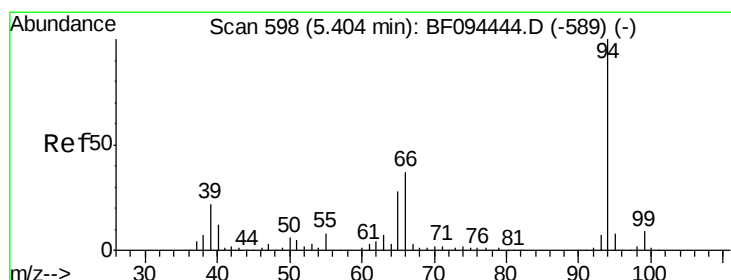
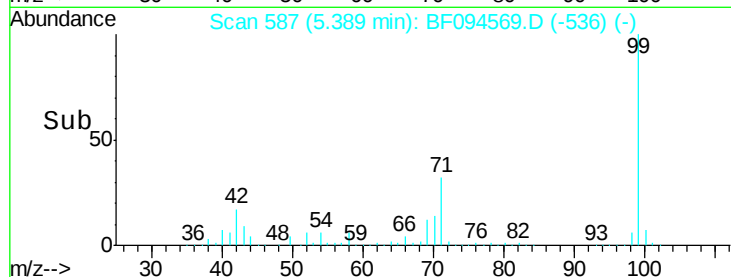
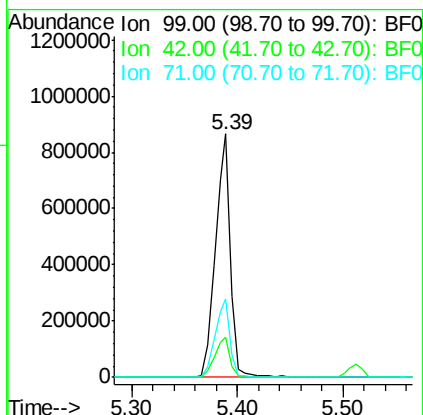
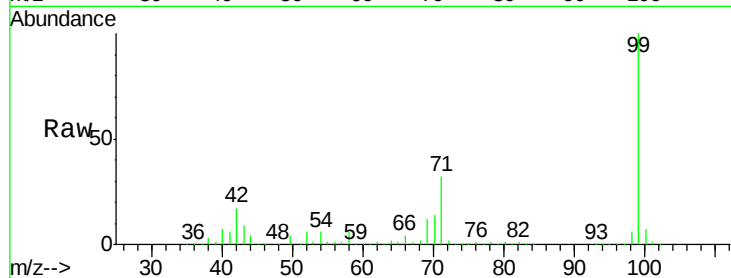
ClientSampleId :

FK-GF-02-005-B

Tot Ion:	99	Resp:	873704
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	32.4	24.5	36.7

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#10

Phenol

Concen: 5.23 ng

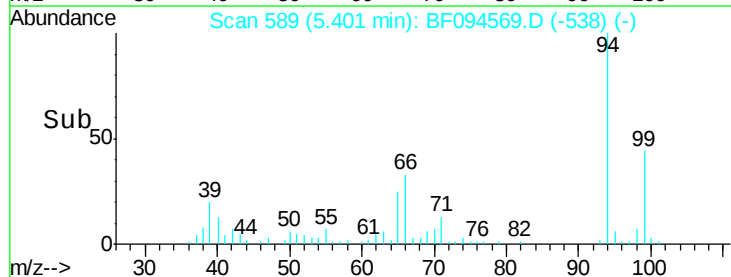
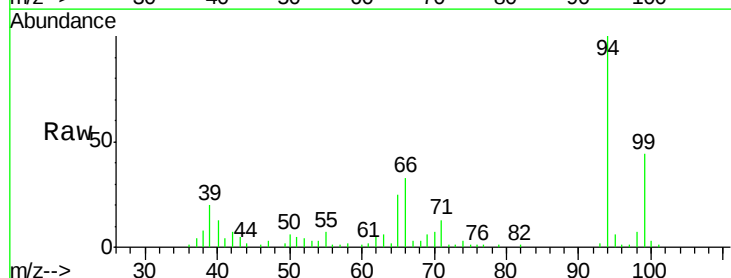
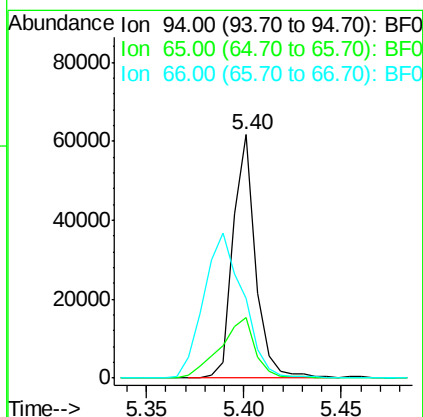
RT: 5.40 min Scan# 589

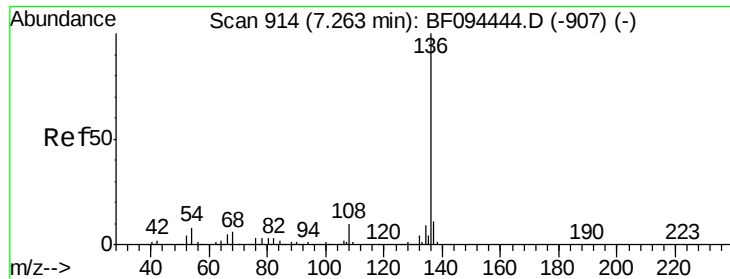
Delta R.T. -0.00 min

Lab File: BF094569.D

Acq: 21 Apr 2017 18:19

Tgt Ion:	94	Resp:	49526
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.9	49.9
66	32.9	23.1	63.1





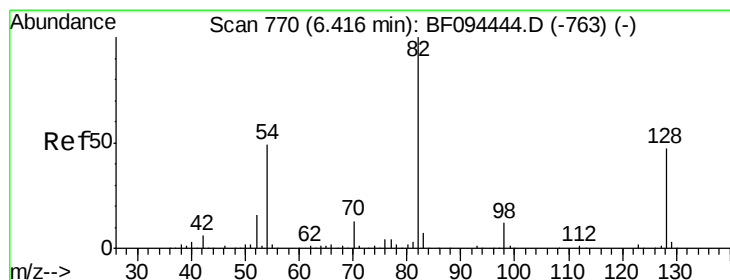
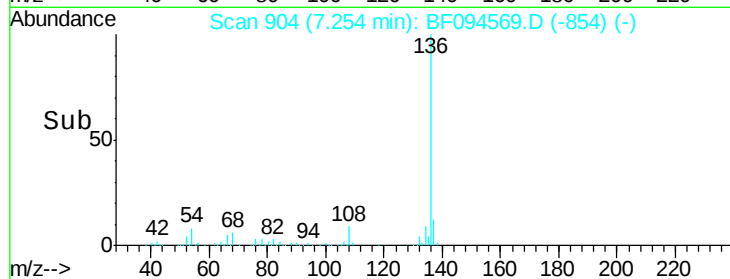
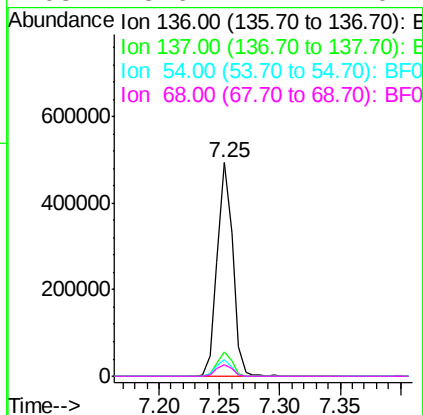
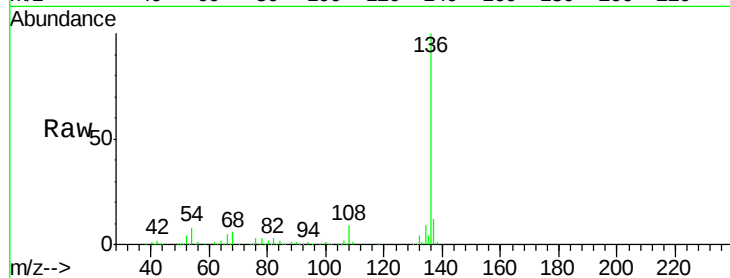
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		435903		
137	11.5	8.5	12.7		
54	7.5	4.9	7.3		
68	5.6	4.1	6.1		

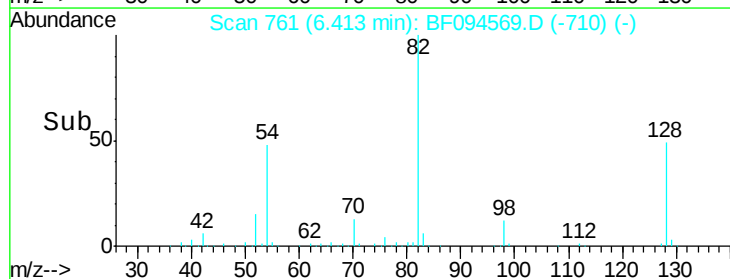
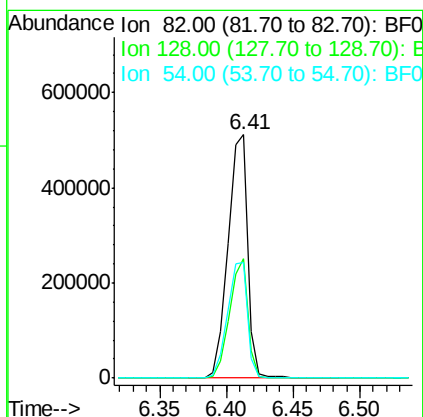
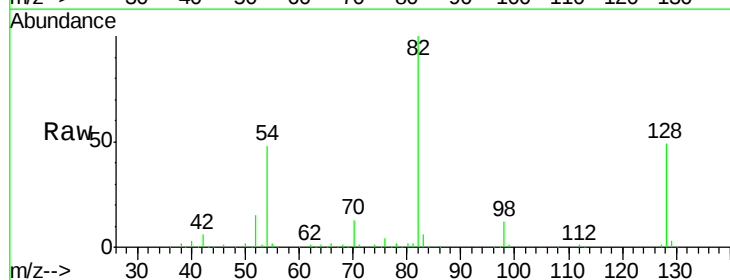
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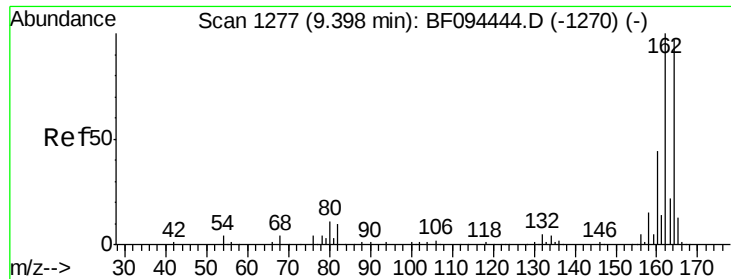
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#23
Nitrobenzene-d5
Concen: 75.88 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		535679		
128	48.8	34.0	51.0		
54	47.6	42.2	63.2		





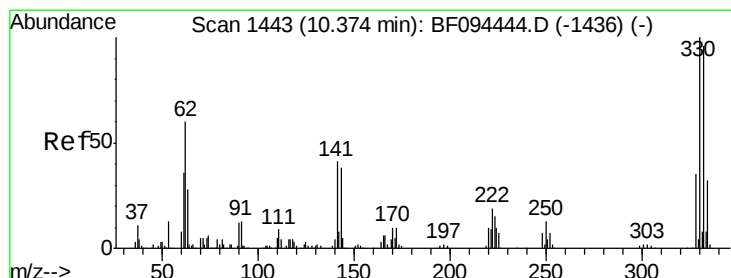
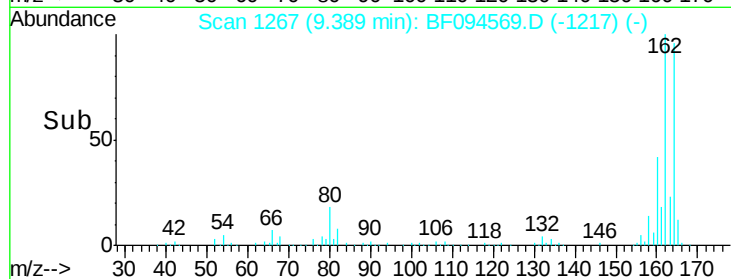
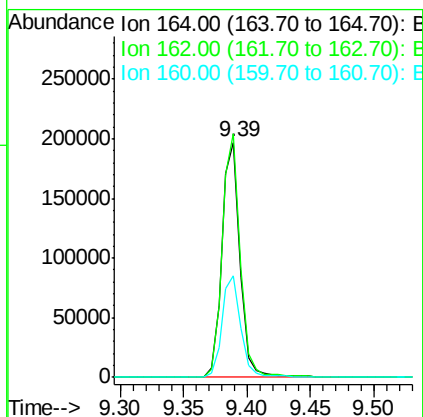
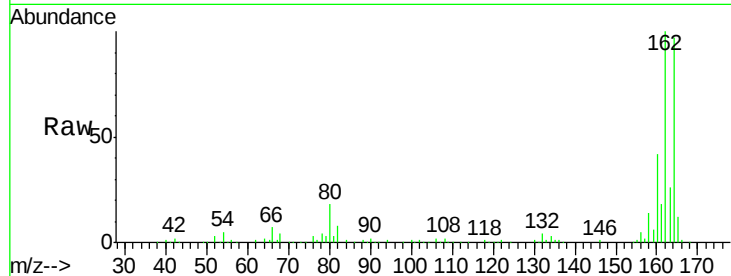
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	196523		
162	103.6	82.6	123.8	
160	43.1	36.2	54.2	

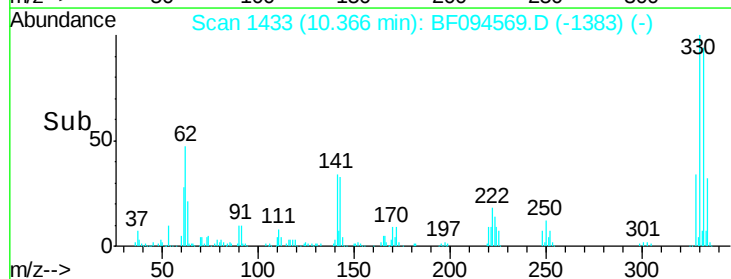
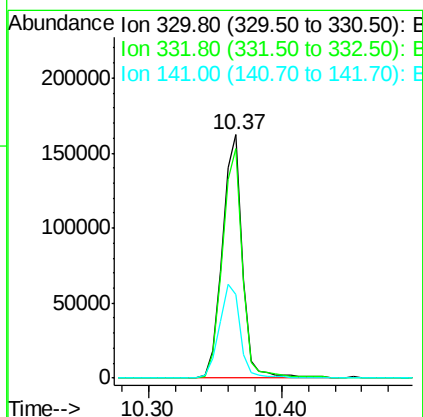
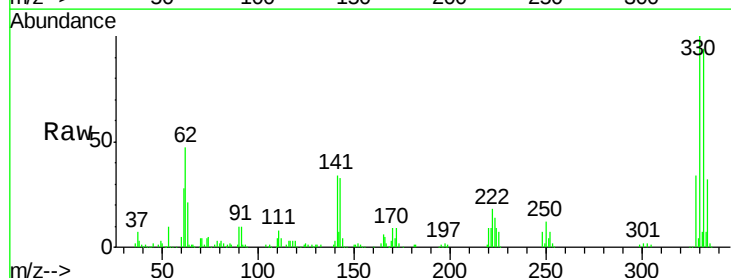
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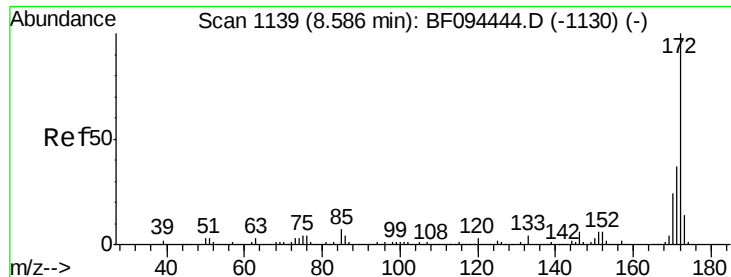
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#41
2,4,6-Tribromophenol
Concen: 112.37 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	172727		
332	95.5	76.6	115.0	
141	40.3	31.4	47.2	





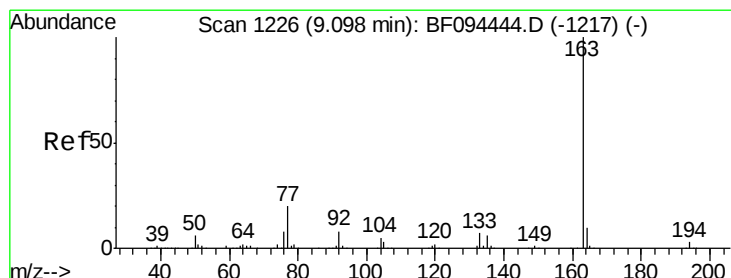
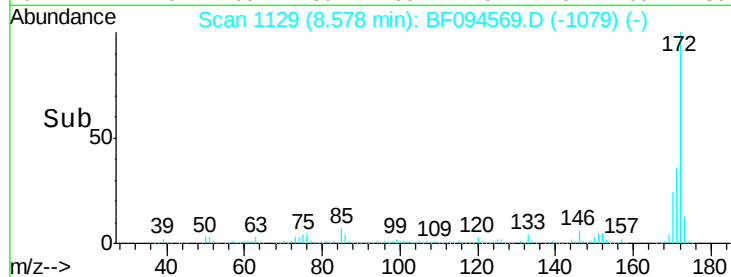
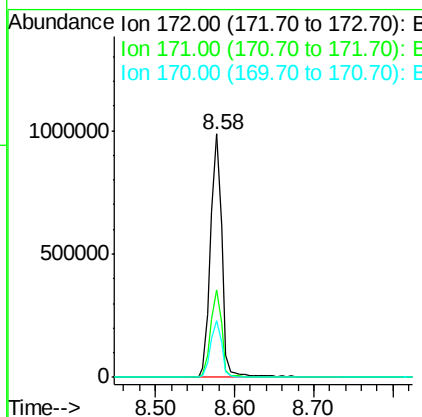
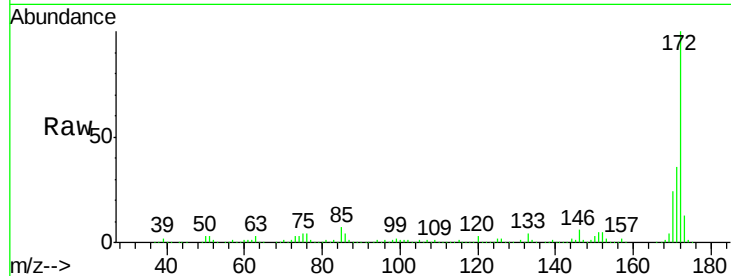
#44
2-Fluorobiphenyl
Concen: 73.99 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	988200		
171	36.1		29.6	44.4
170	23.5		19.8	29.8

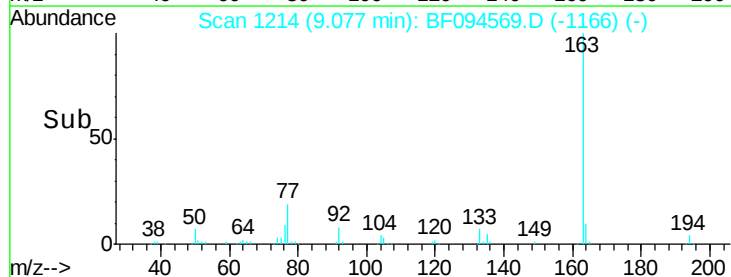
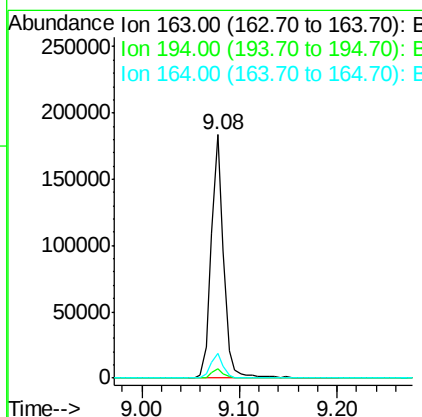
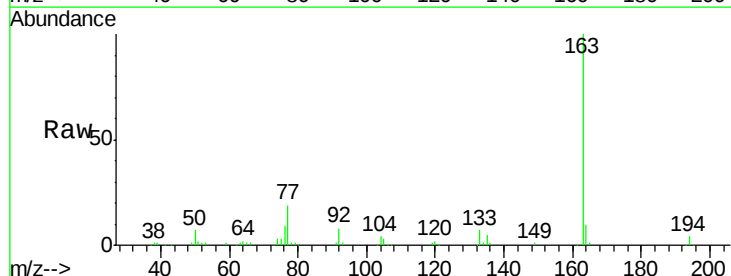
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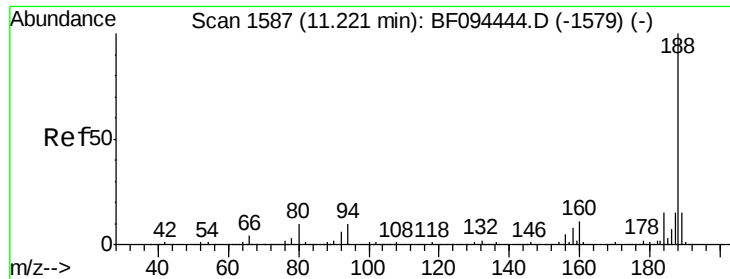
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#49
Dimethylphthalate
Concen: 11.07 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	162158		
194	3.6		2.6	4.0
164	10.4		8.4	12.6





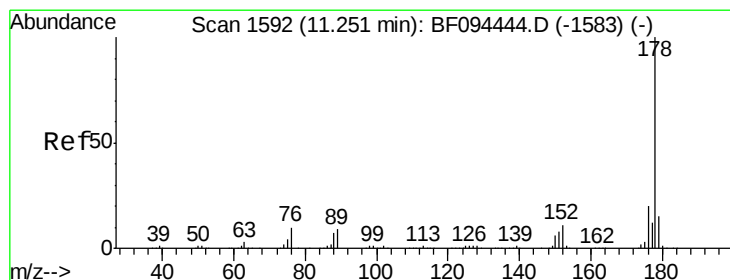
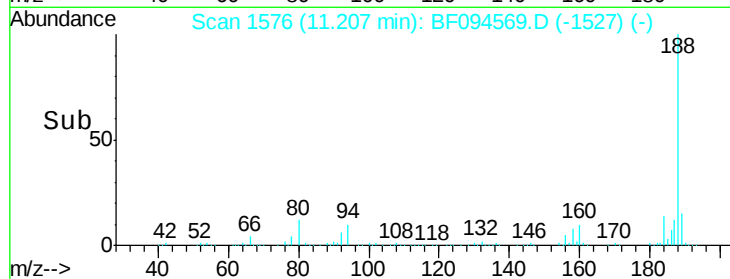
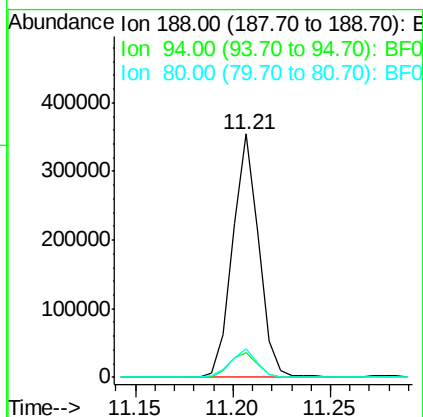
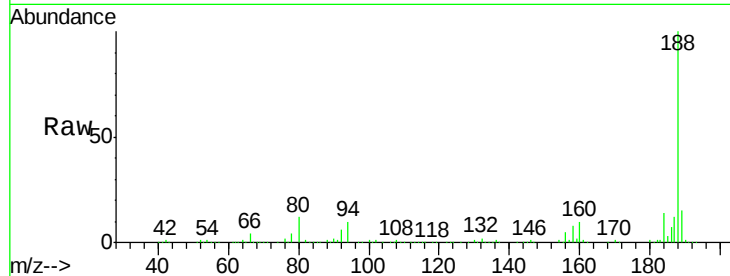
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Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	329293		
94	10.3		9.4	14.2
80	11.5		10.2	15.2

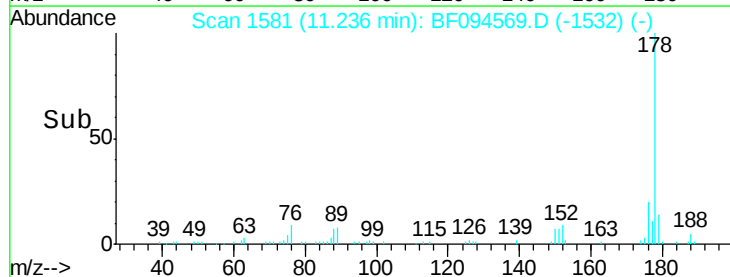
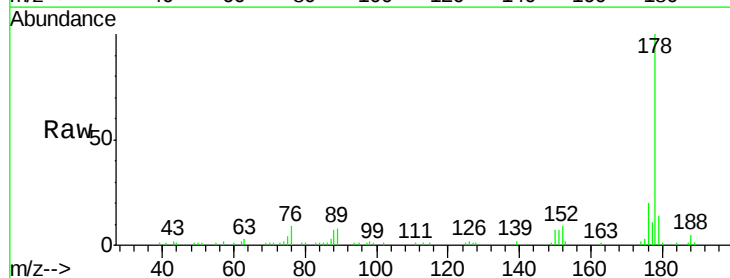
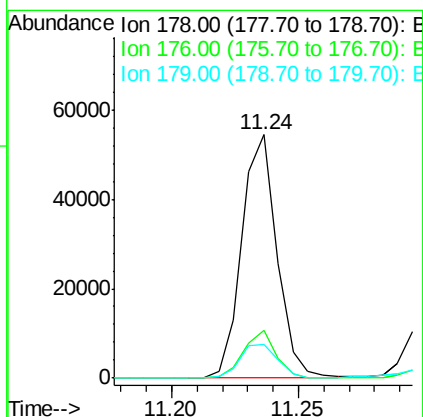
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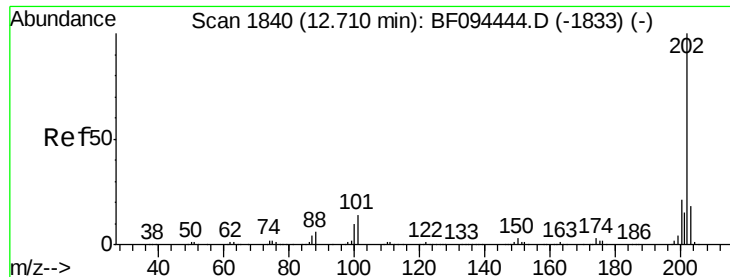
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#70
Phenanthrene
Concen: 2.84 ng
RT: 11.24 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52609		
176	19.8		16.2	24.4
179	13.8		12.6	19.0





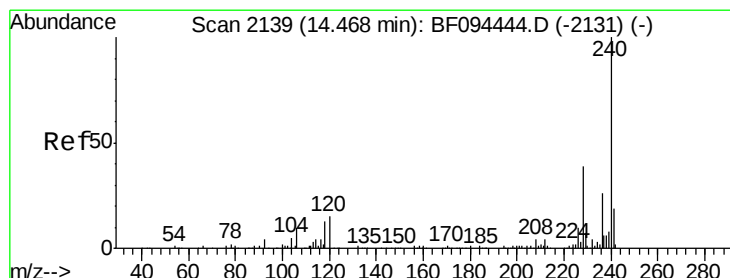
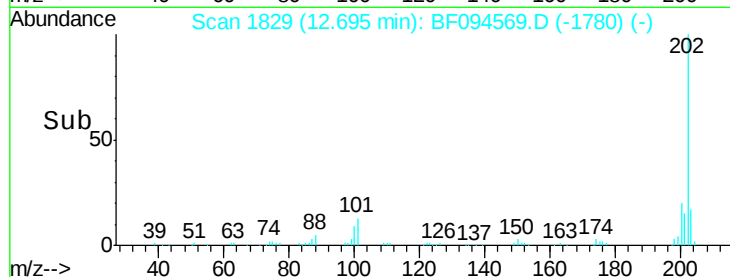
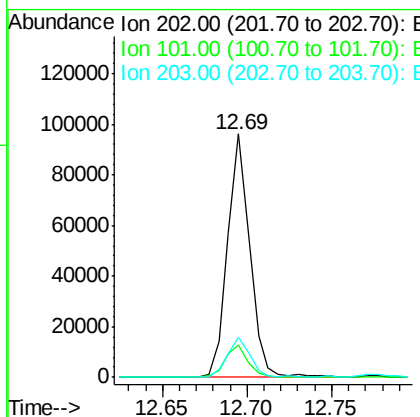
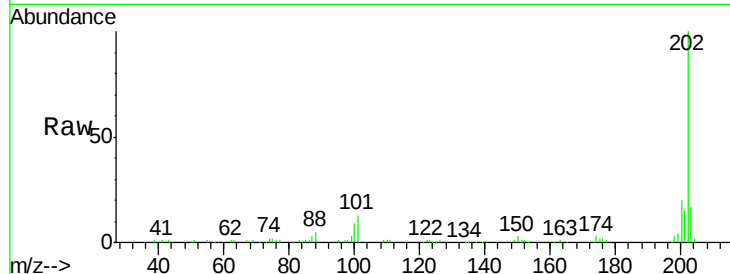
#74
 Fluoranthene
 Concen: 4.60 ng
 RT: 12.69 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF094569.D
 Acq: 21 Apr 2017 18:19

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	33.2
203	16.6	0.0	38.1

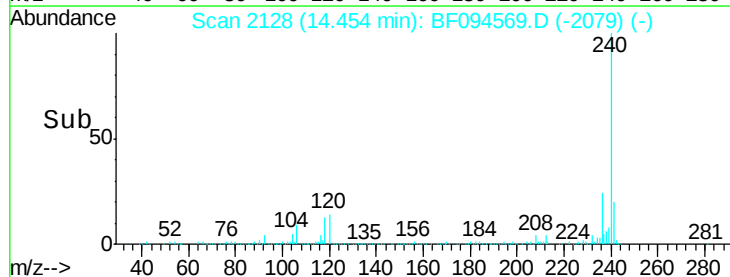
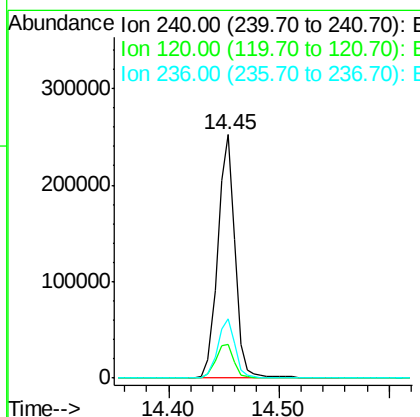
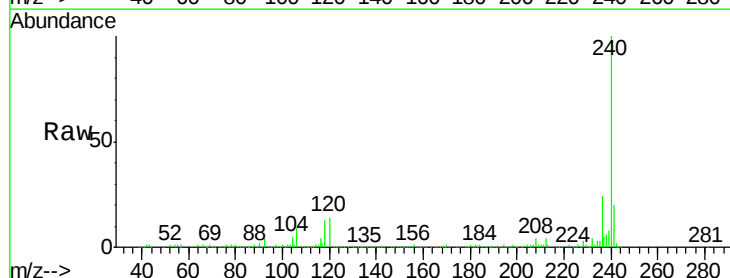
Manual Integrations
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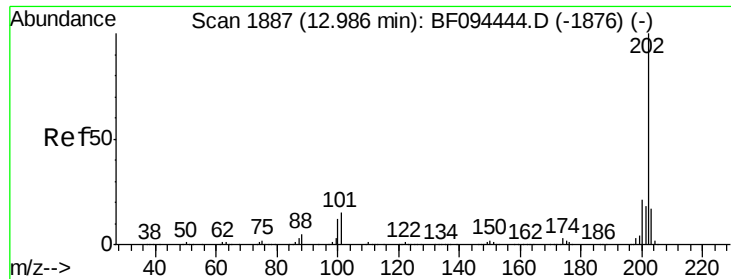
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094569.D
 Acq: 21 Apr 2017 18:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.4	20.5	30.7





#77

Pvrene

Concen: 4.12 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094569.D

Acq: 21 Apr 2017 18:19

Instrument :

BNA_F

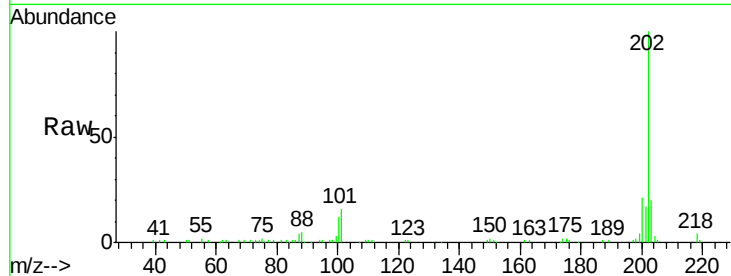
ClientSampleId :

FK-GF-02-005-B

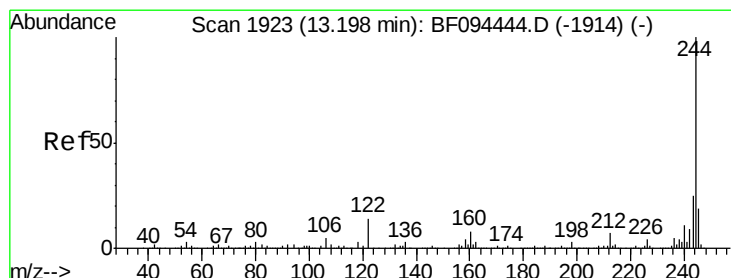
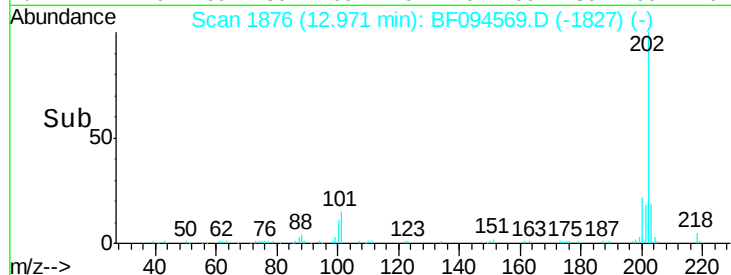
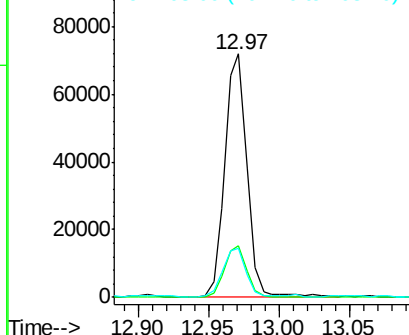
Tot Ion:	202	Resp:	78703
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	19.9	14.4	21.6

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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: 73.23 ng

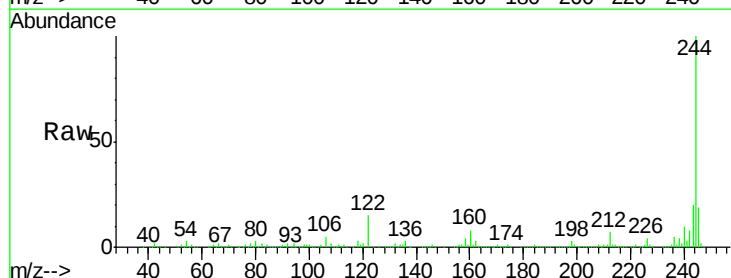
RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

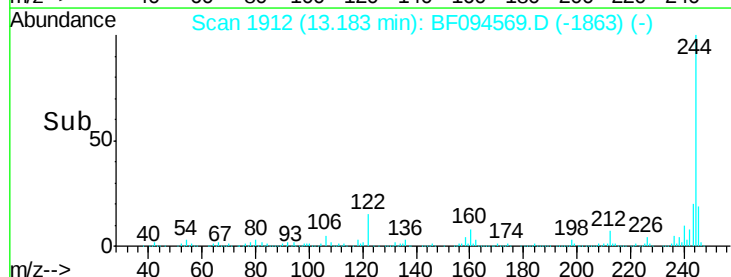
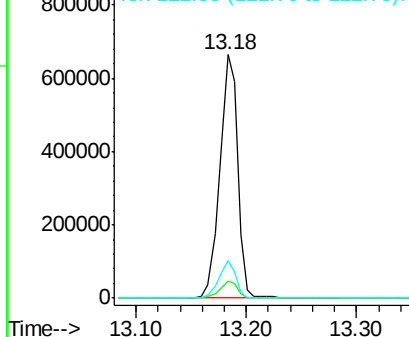
Lab File: BF094569.D

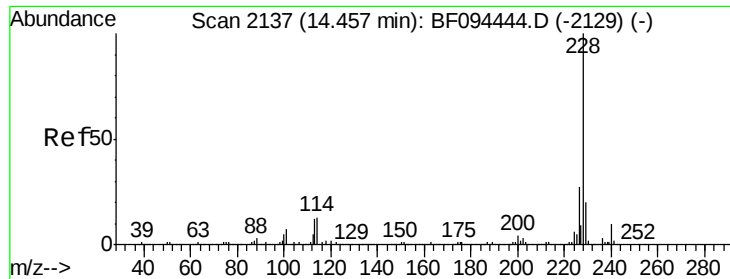
Acq: 21 Apr 2017 18:19

Tgt Ion:	244	Resp:	749431
Ion Ratio	Lower	Upper	
244	100		
212	7.2	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





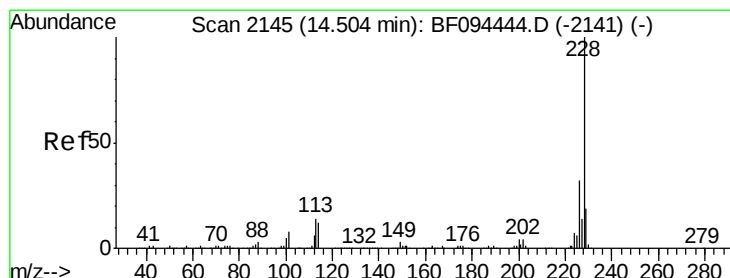
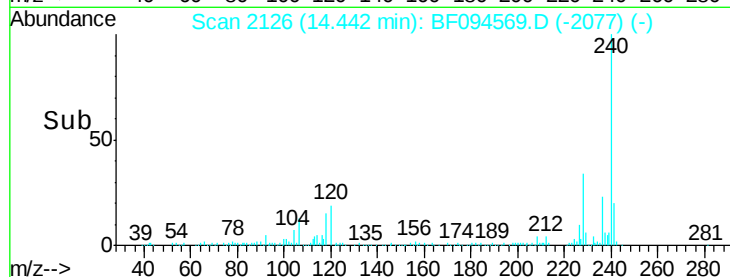
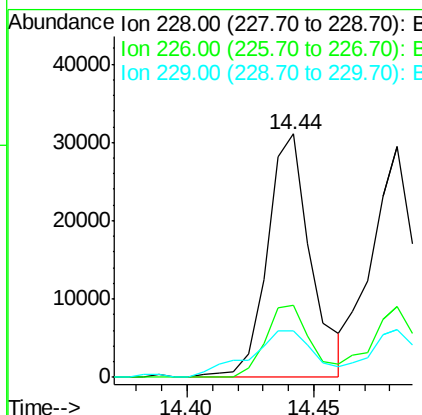
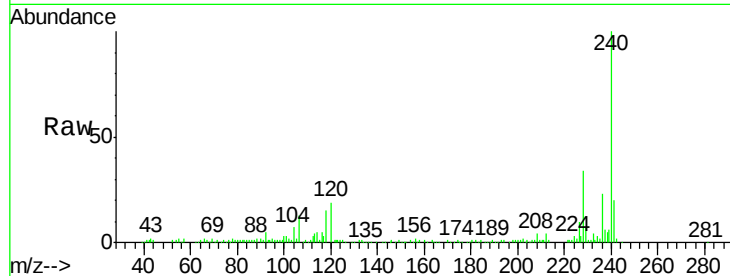
#80
Benzo(a)anthracene
Concen: 2.35 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	19.1	16.3	24.5

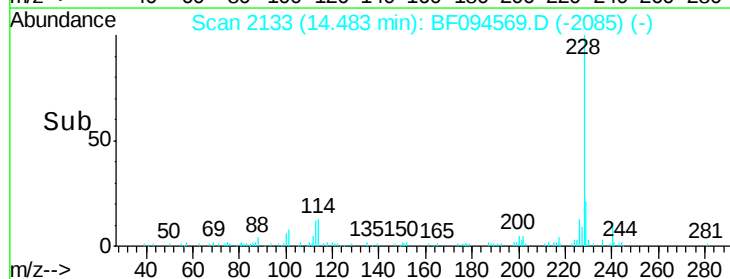
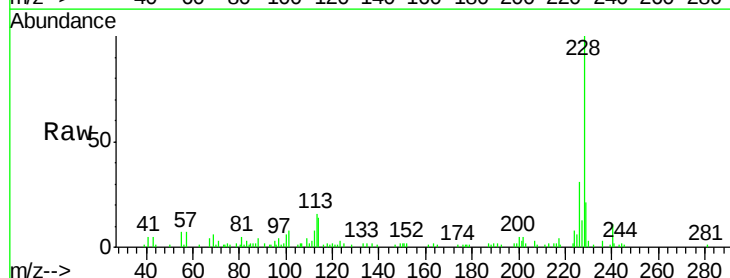
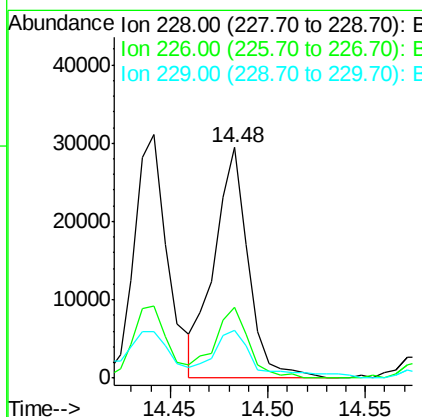
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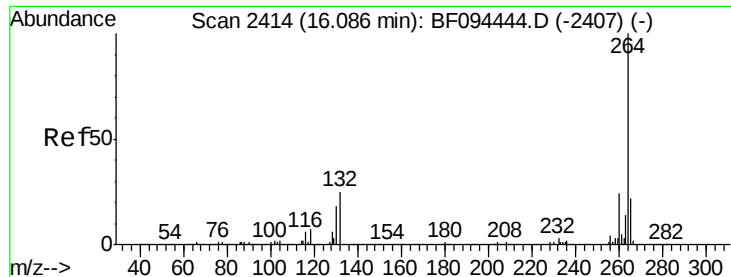
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#82
Chrysene
Concen: 2.46 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094569.D
Acq: 21 Apr 2017 18:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.8	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: BF094569.D

Acq: 21 Apr 2017 18:19

Instrument :

BNA_F

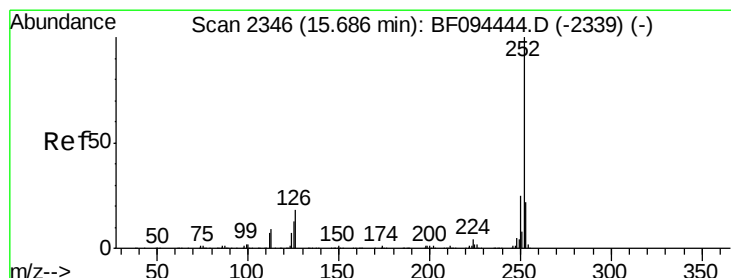
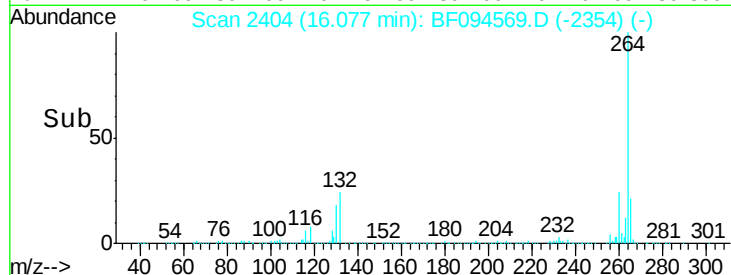
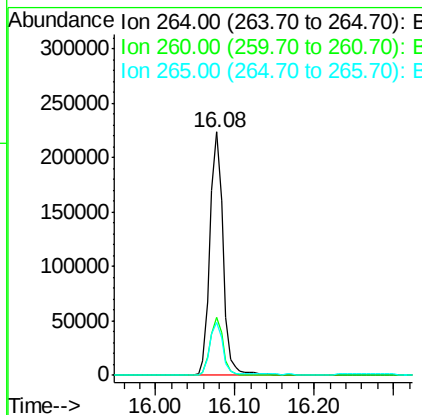
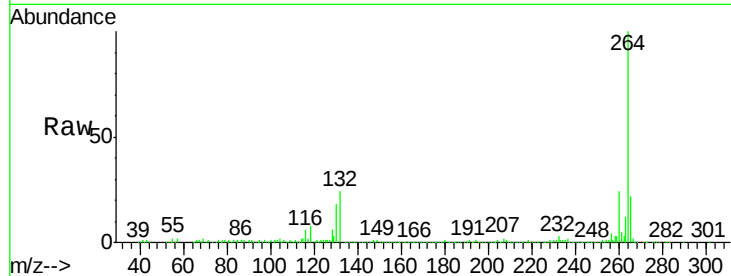
ClientSampleId :

FK-GF-02-005-B

Tot Ion:	264	Resp:	260159
Ion Ratio		Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.6	17.2	25.8

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#87

Benzo(b)fluoranthene

Concen: 3.25 ng m

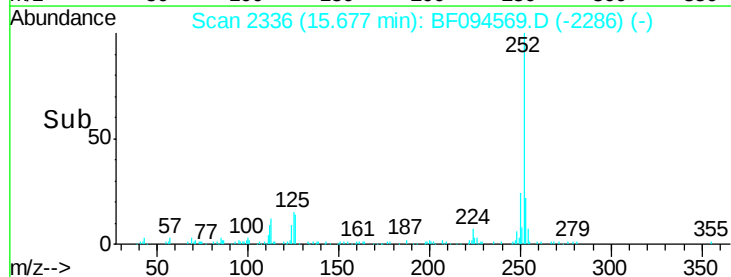
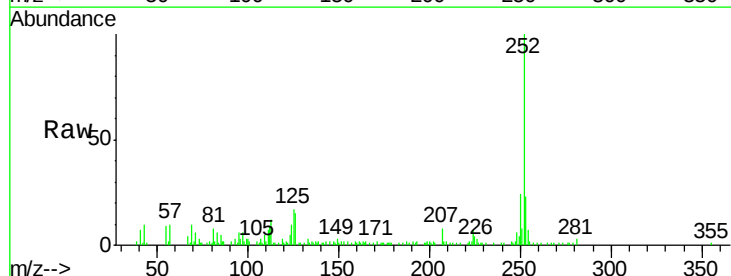
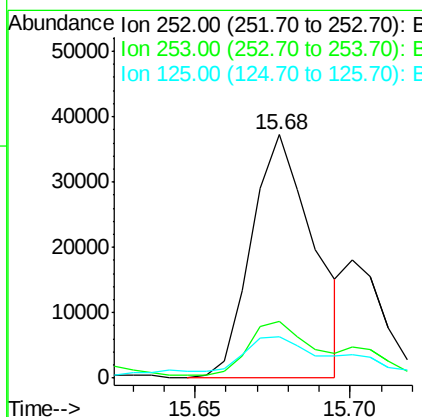
RT: 15.68 min Scan# 2336

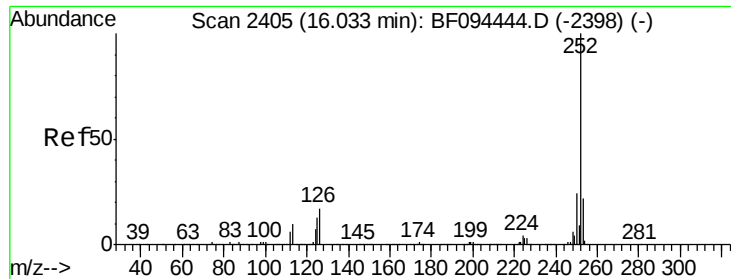
Delta R.T. -0.01 min

Lab File: BF094569.D

Acq: 21 Apr 2017 18:19

Tgt Ion:	252	Resp:	51670
Ion Ratio		Lower	Upper
252	100		
253	23.3	18.1	27.1
125	16.9	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.52 ng

RT: 16.02 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BF094569.D

Acq: 21 Apr 2017 18:19

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-005-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	18.0	11.0	16.4

Manual Integrations
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