

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092444.D
 Acq On : 24 Jan 2017 22:18
 Operator : UM/SJ
 Sample : I1382-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-01-001-A

Manual Integrations
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Quant Time: Jan 25 00:23:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164166	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	656169	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	356451	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	587879	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	418761	20.00	ng	-0.01
86) Perylene-d12	15.63	264	331225	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1638335	155.27	ng	0.02
7) Phenol-d6	6.59	99	1799931	133.92	ng	0.00
23) Nitrobenzene-d5	7.54	82	1322851	110.13	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	353843	145.67	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1886317	97.86	ng	-0.01
78) Terphenyl-d14	13.11	244	1723480	109.59	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	147315	9.08	ng	Qvalue # 75
49) Dimethylphthalate	9.73	163	154269	6.81	ng	99
70) Phenanthrene	11.54	178	78404	2.42	ng	98
74) Fluoranthene	12.73	202	145038	4.58	ng	97
77) Pyrene	12.96	202	129406	4.27	ng	98
80) Benzo(a)anthracene	14.15	228	56886	2.53	ng	98
82) Chrysene	14.18	228	50134m	2.09	ng	
87) Benzo(b)fluoranthene	15.20	252	56783m	2.67	ng	
89) Benzo(a)pyrene	15.56	252	40186	2.23	ng	# 95

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

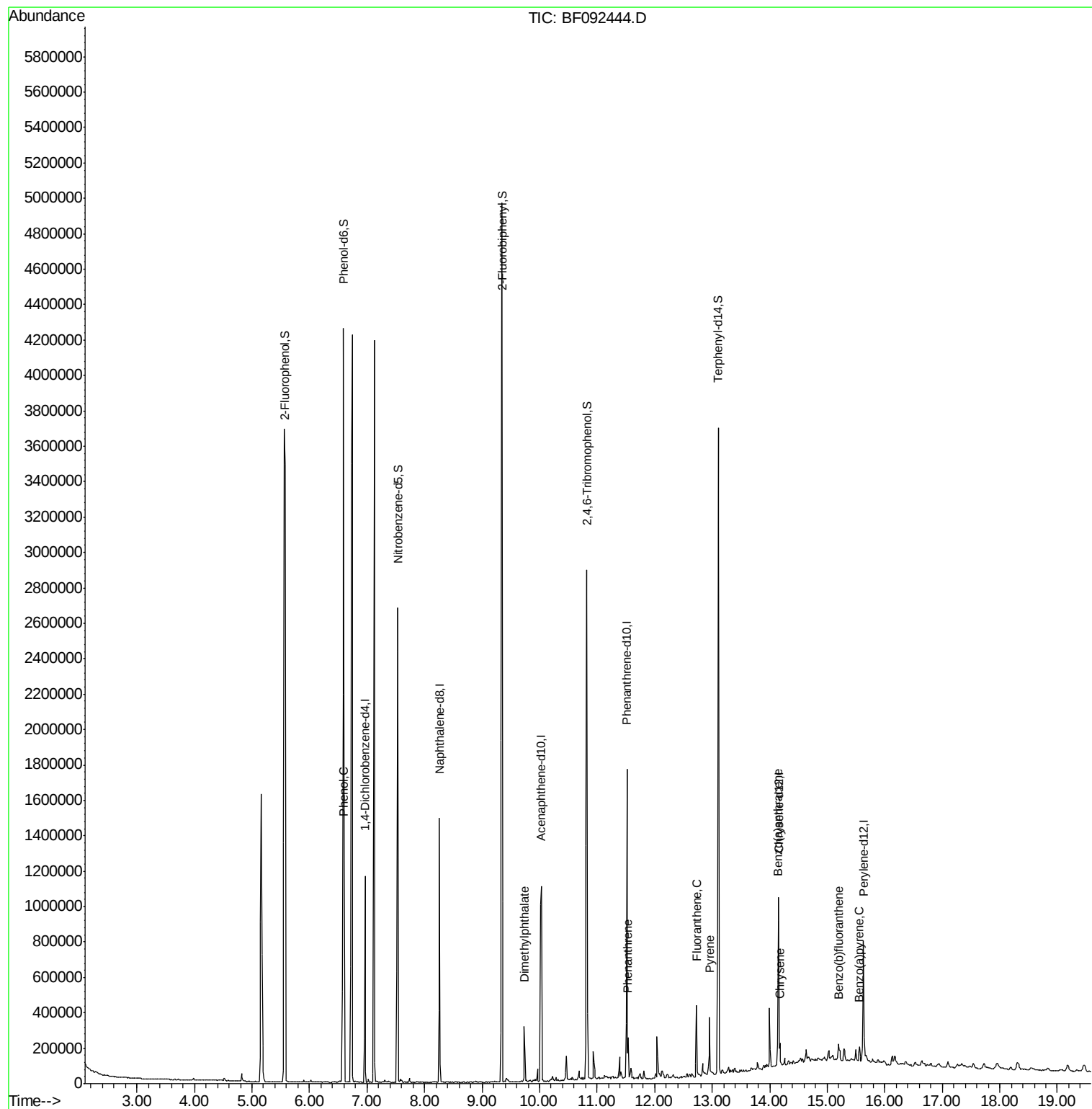
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
Data File : BF092444.D
Acq On : 24 Jan 2017 22:18
Operator : UM/SJ
Sample : I1382-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

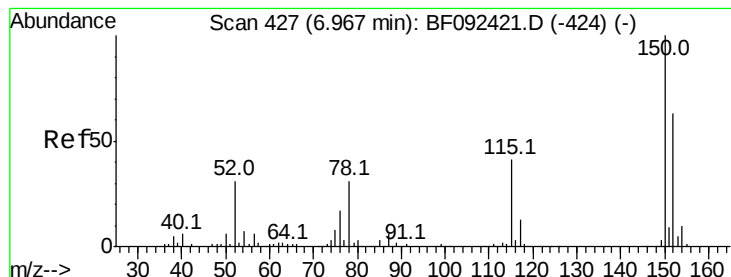
Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

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QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Instrument :

BNA_F

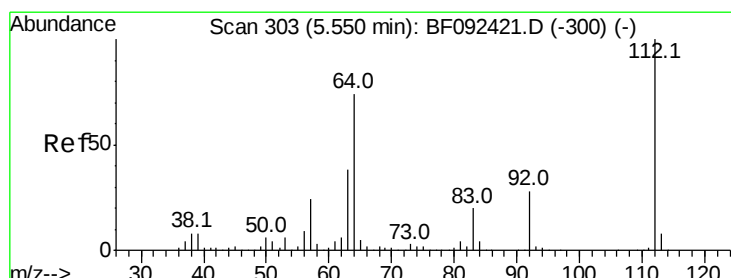
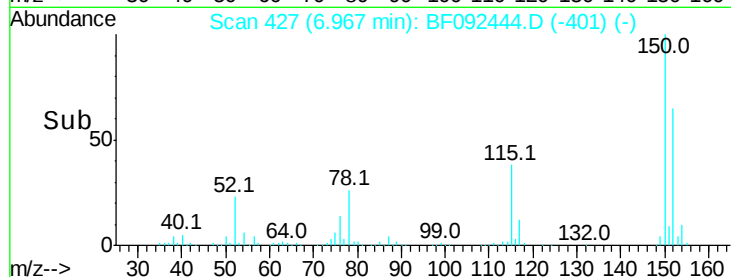
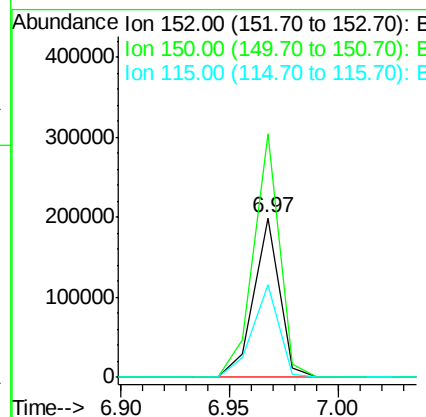
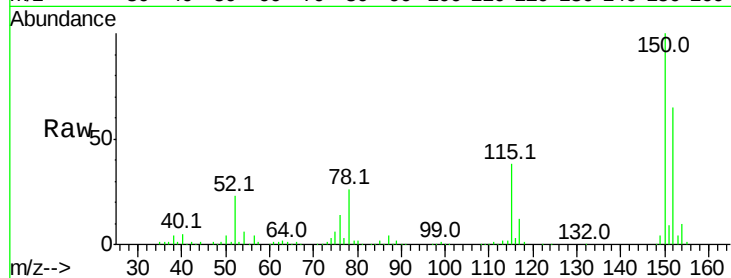
ClientSampleId :

FK-GF-01-001-A

Tot Ion:	152	Resp:	164166
Ion Ratio	Lower	Upper	
152	100		
150	152.8	124.9	187.3
115	58.4	46.0	69.0

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#5

2-Fluorophenol

Concen: 155.27 ng

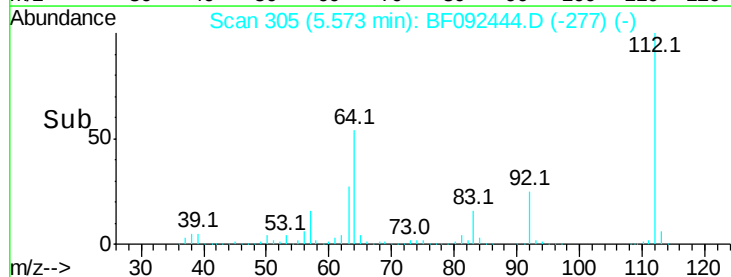
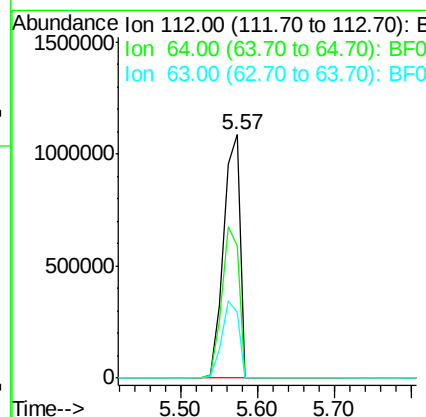
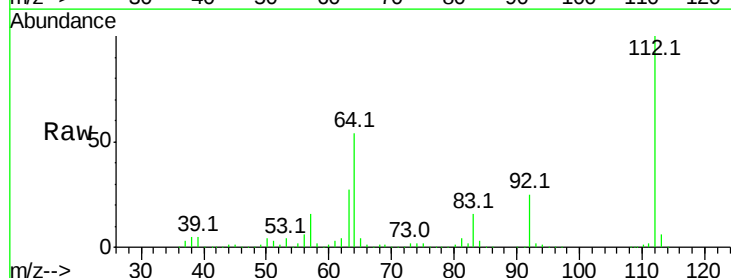
RT: 5.57 min Scan# 305

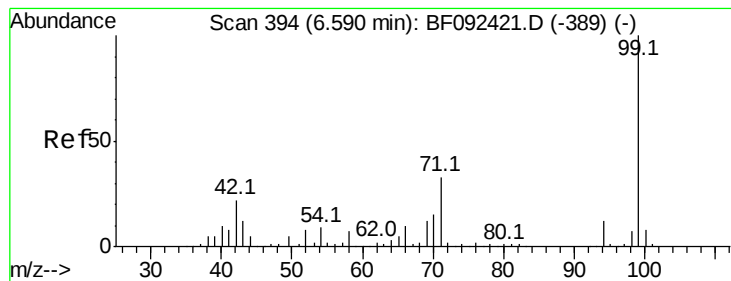
Delta R.T. 0.02 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Tgt Ion:	112	Resp:	1638335
Ion Ratio	Lower	Upper	
112	100		
64	54.3	46.1	69.1
63	27.1	23.8	35.6





#7

Phenol-d6

Concen: 133.92 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-A

Tot Ion: 99 Resp: 1799931

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

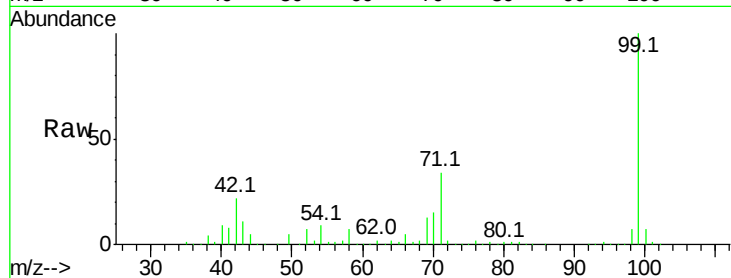
71 33.5 27.5 41.3

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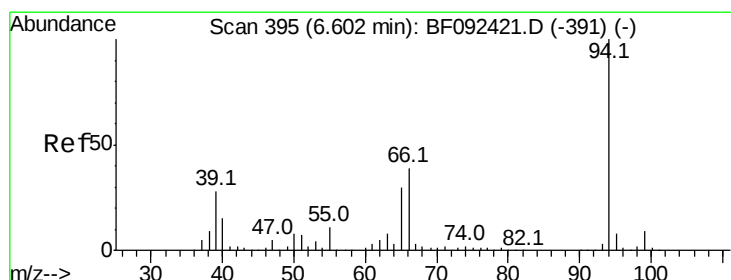
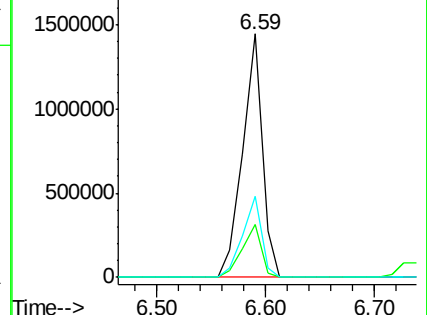
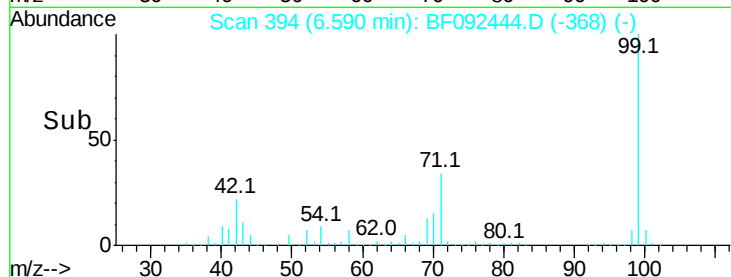
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 9.08 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

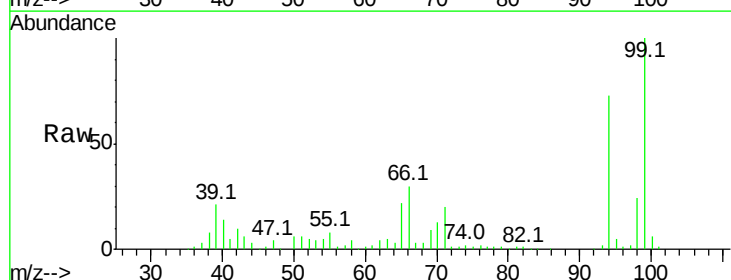
Tgt Ion: 94 Resp: 147315

Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

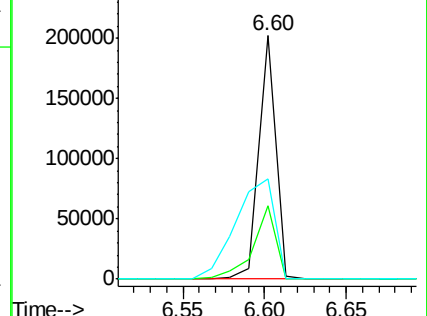
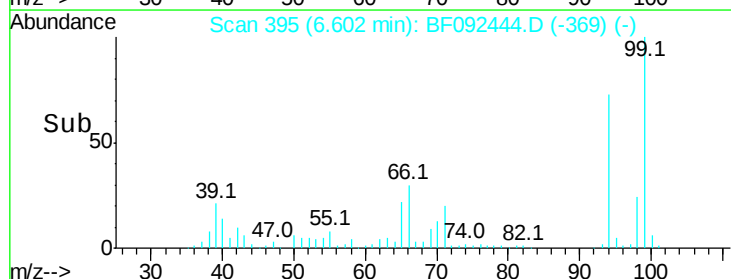
66 41.0 44.0 84.0#

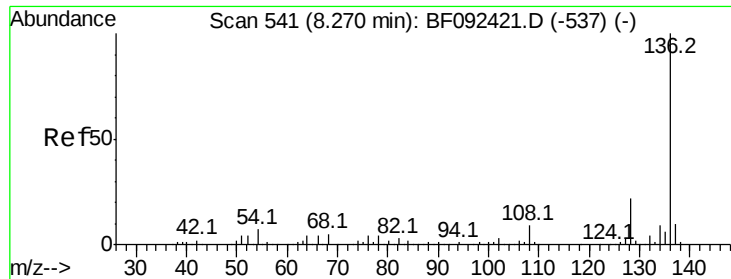


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





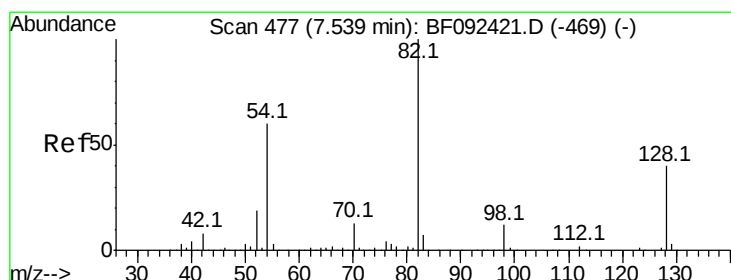
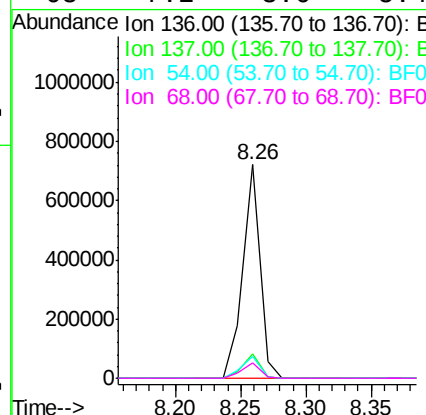
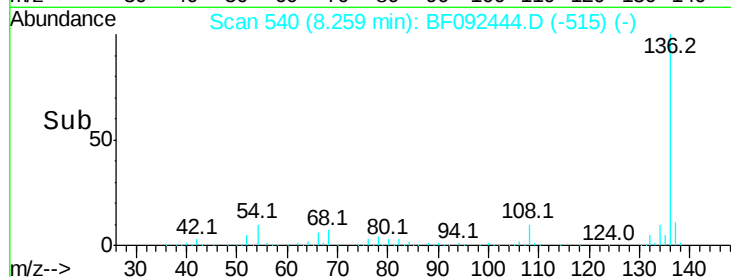
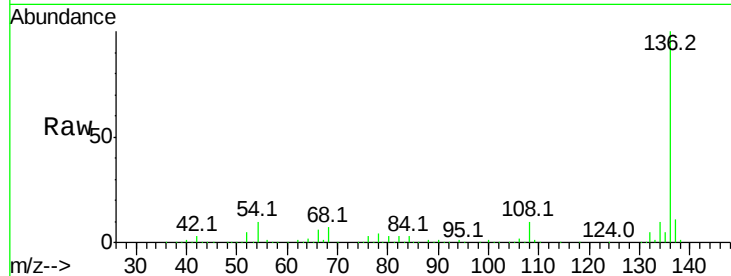
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	10.3	4.5	6.7#	
68	7.2	3.6	5.4#	

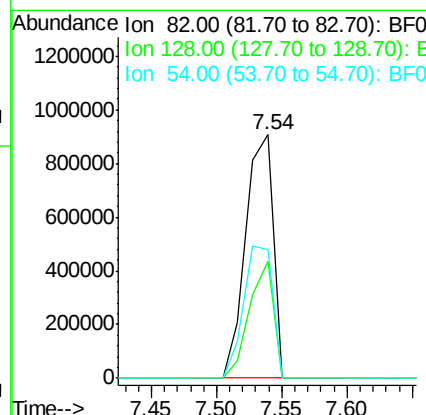
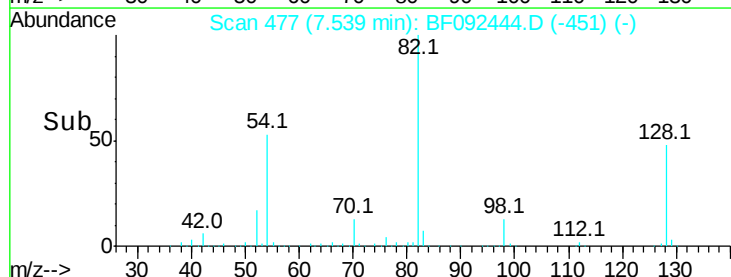
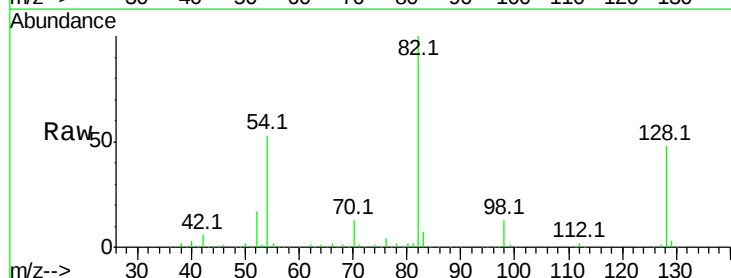
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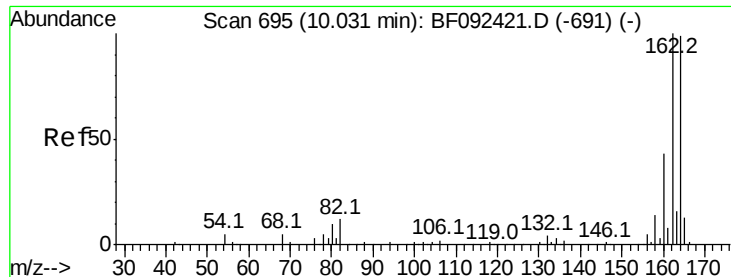
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#23
Nitrobenzene-d5
Concen: 110.13 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.2	34.6	52.0	
54	52.6	39.5	59.3	





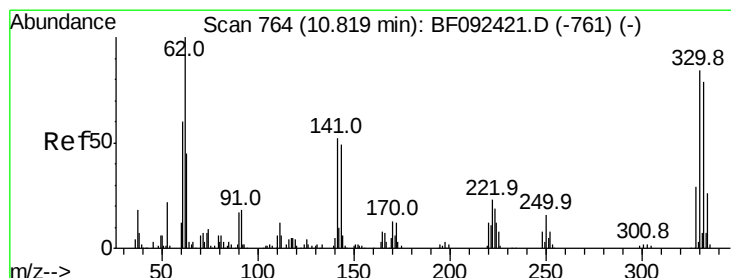
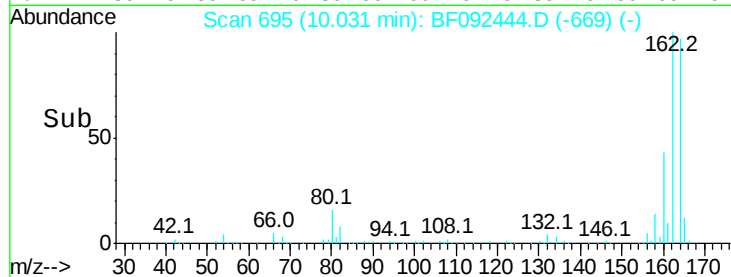
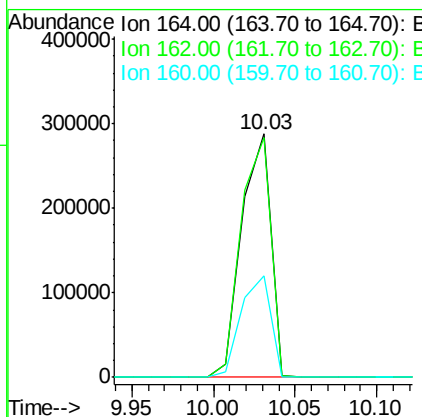
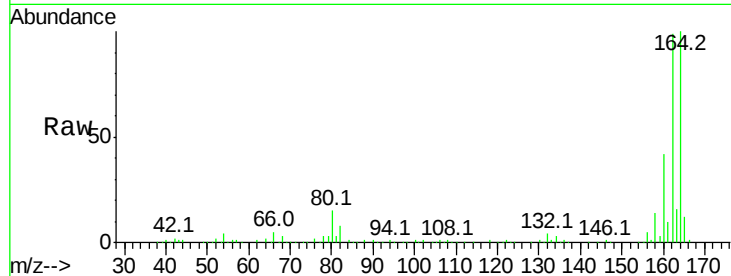
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100	356451		
162	98.7	80.2	120.2	
160	41.9	36.9	55.3	

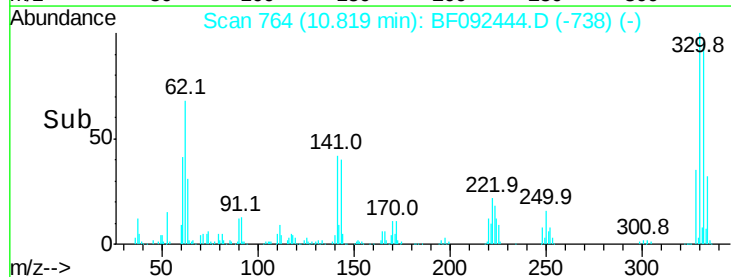
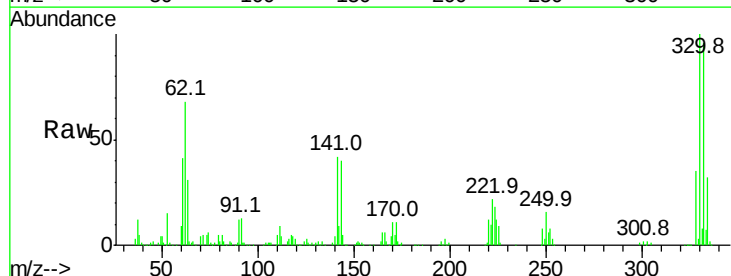
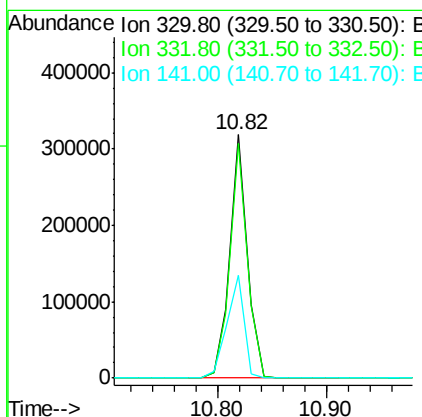
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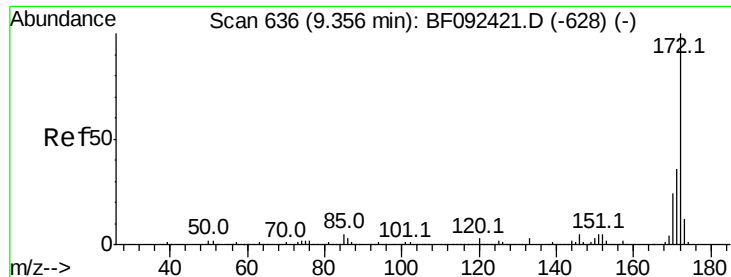
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#41
2,4,6-Tribromophenol
Concen: 145.67 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	353843		
332	96.9	77.4	116.2	
141	41.9	34.1	51.1	





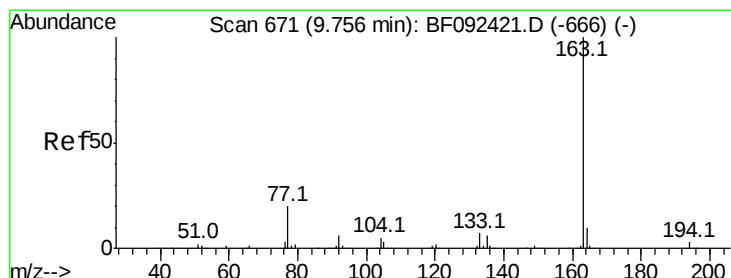
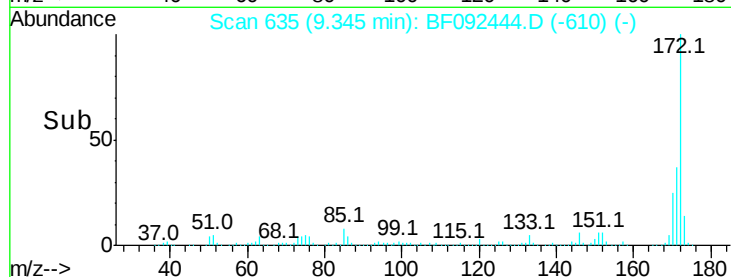
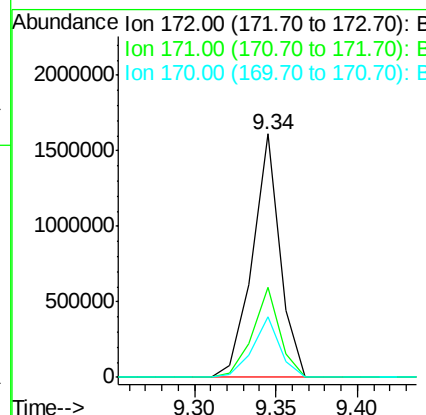
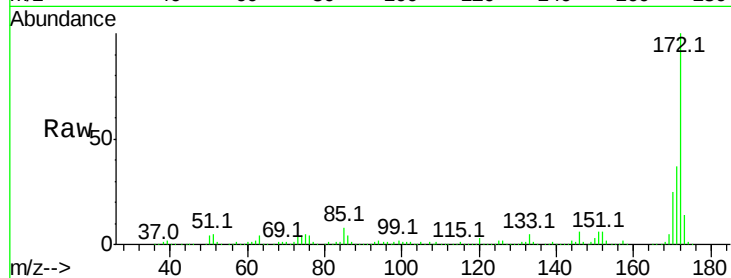
#44
2-Fluorobiphenyl
Concen: 97.86 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.4	44.0
170	24.8	20.2	30.4

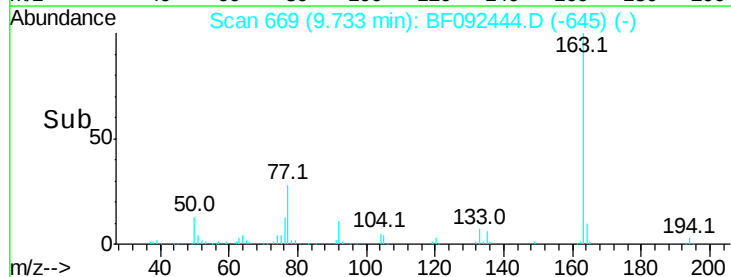
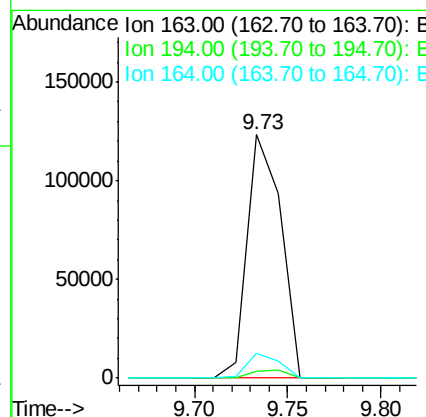
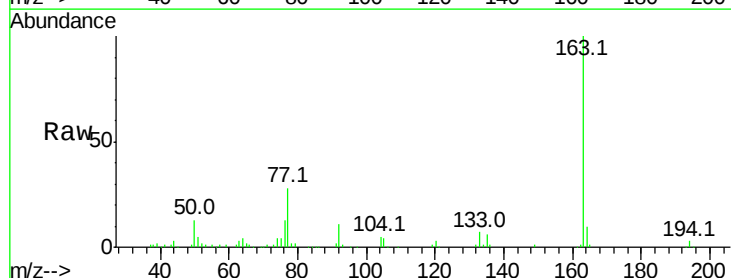
Manual Integrations
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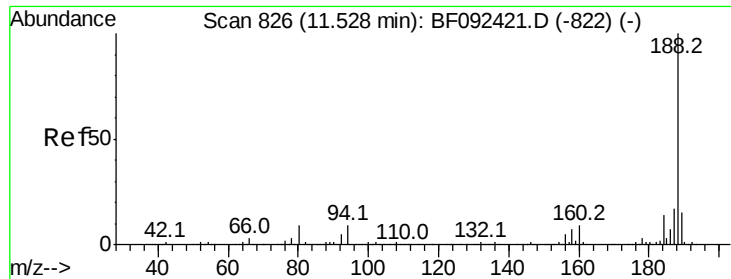
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#49
Dimethylphthalate
Concen: 6.81 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.0	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Instrument :

BNA_F

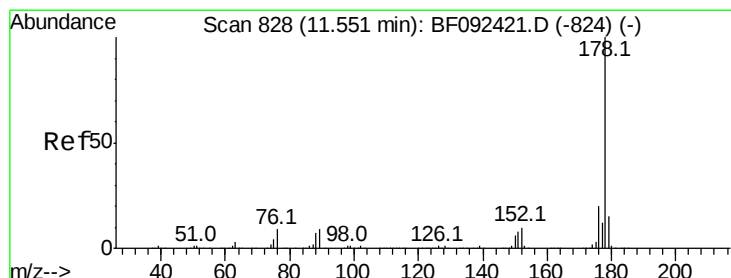
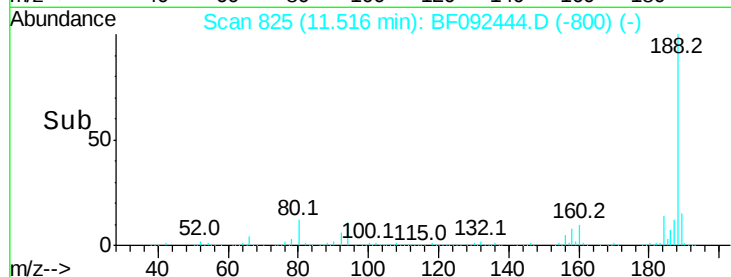
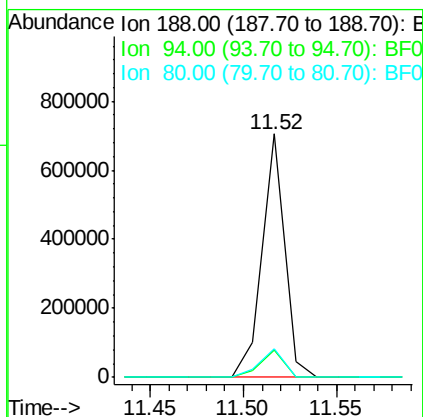
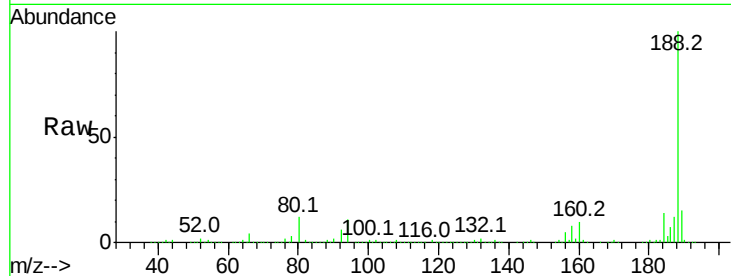
ClientSampleId :

FK-GF-01-001-A

Tot Ion:	188	Resp:	587879
Ion Ratio	Lower	Upper	
188	100		
94	11.1	10.0	15.0
80	11.8	11.2	16.8

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#70

Phenanthrene

Concen: 2.42 ng

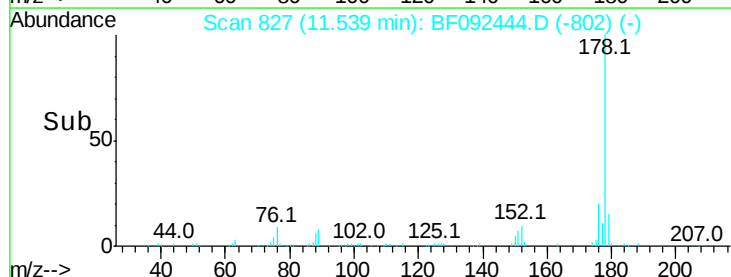
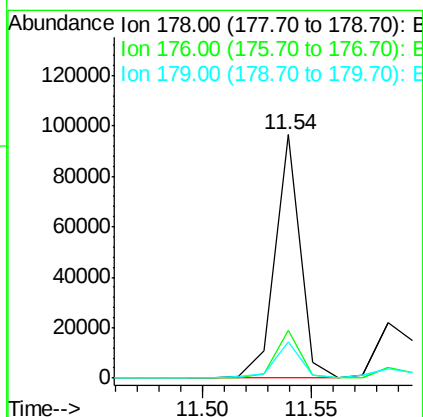
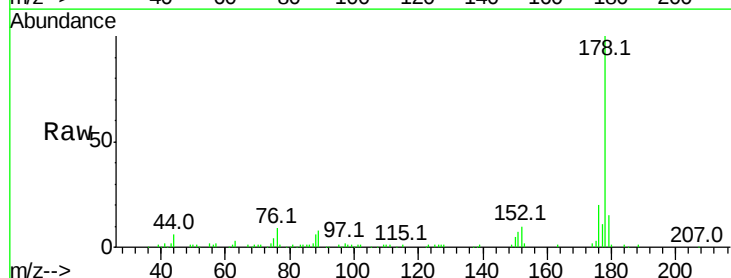
RT: 11.54 min Scan# 827

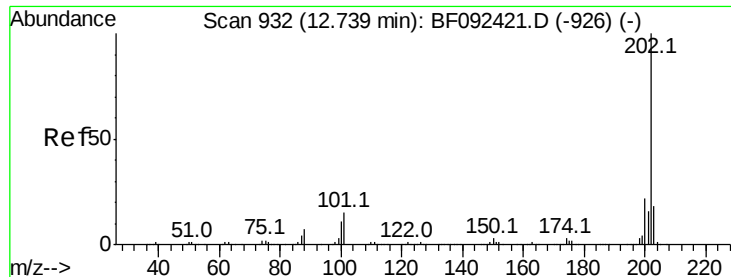
Delta R.T. -0.01 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Tgt Ion:	178	Resp:	78404
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.6	25.0
179	14.9	12.8	19.2





#74

Fluoranthene

Concen: 4.58 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Instrument :

BNA_F

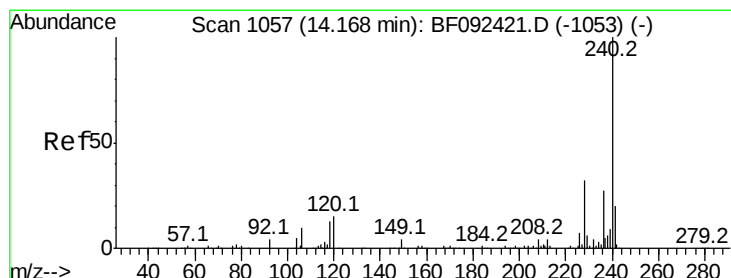
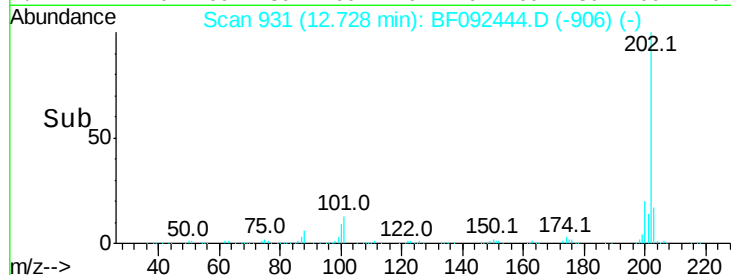
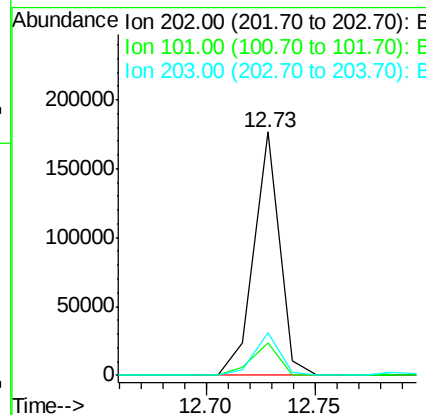
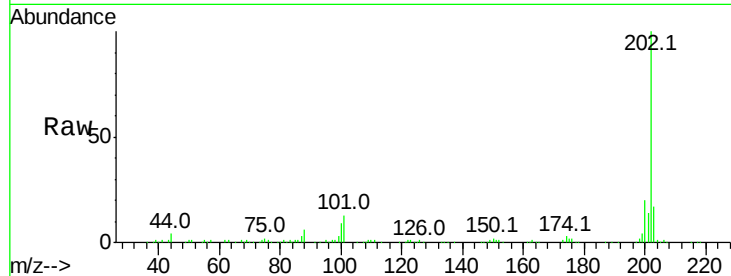
ClientSampleId :

FK-GF-01-001-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	145038		
101	13.2	0.0	34.6	
203	17.5	0.0	38.7	

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#75

Chrysene-d12

Concen: 20.00 ng

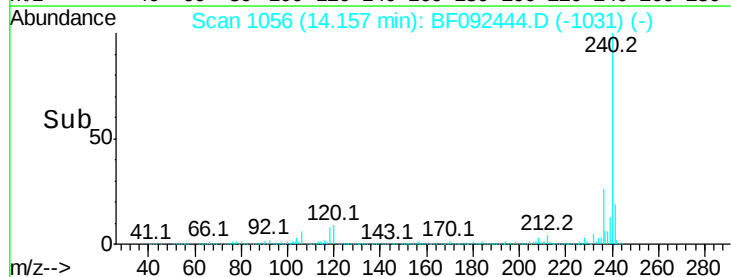
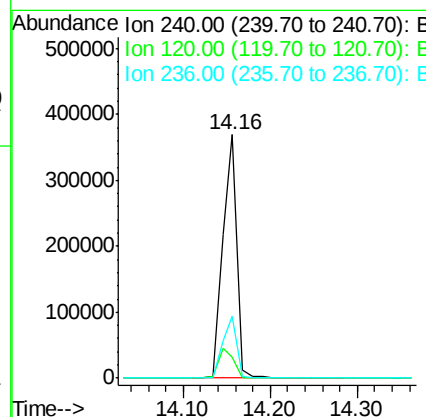
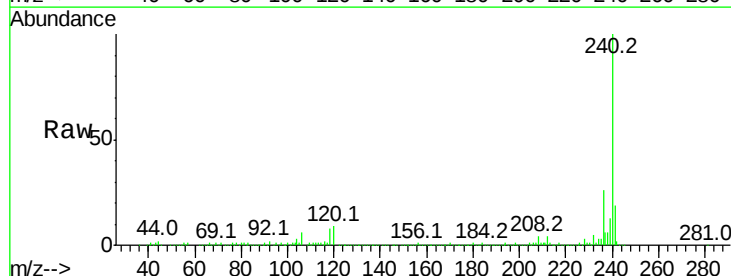
RT: 14.16 min Scan# 1056

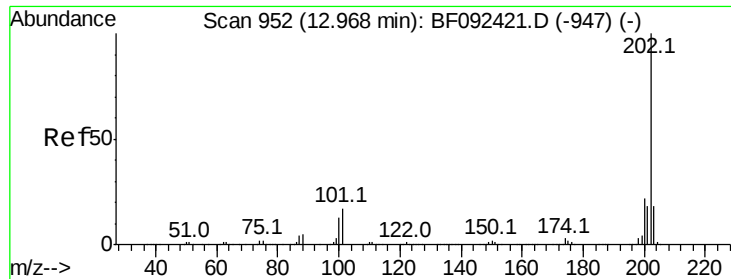
Delta R.T. -0.01 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	418761		
120	8.8	12.9	19.3#	
236	25.5	20.9	31.3	





#77

Pvrene

Concen: 4.27 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Instrument :

BNA_F

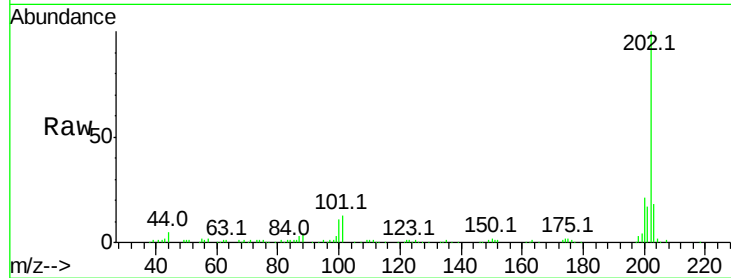
ClientSampleId :

FK-GF-01-001-A

Tot Ion:	202	Resp:	129406
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.7	26.5
203	17.7	14.7	22.1

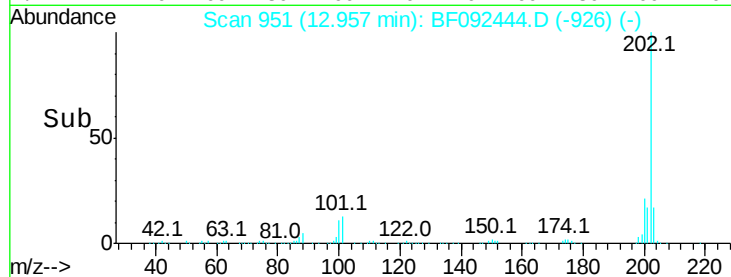
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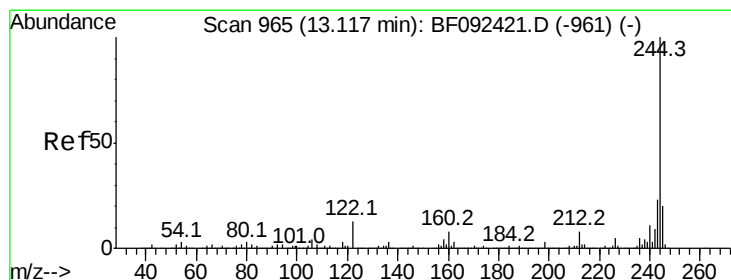


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.96



Time-->



#78

Terphenyl-d14

Concen: 109.59 ng

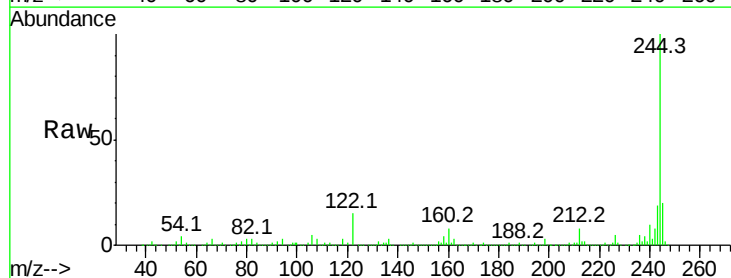
RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092444.D

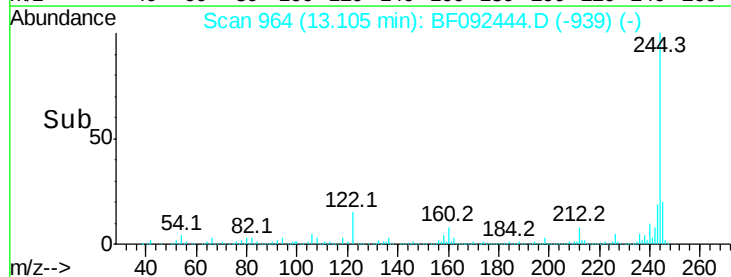
Acq: 24 Jan 2017 22:18

Tgt Ion:	244	Resp:	1723480
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.2	9.2
122	14.9	11.4	17.2

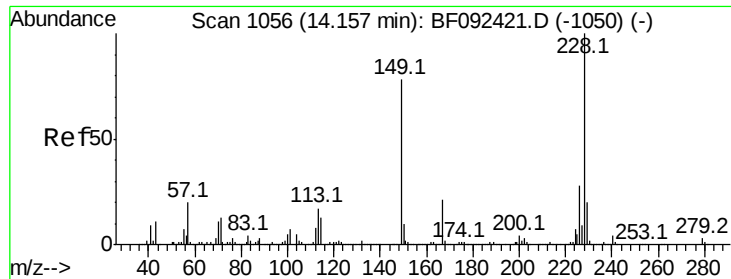


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

13.11



Time-->



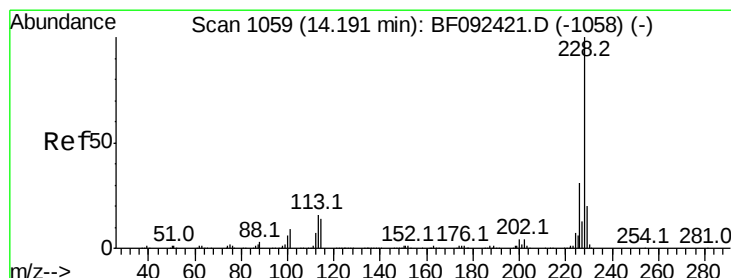
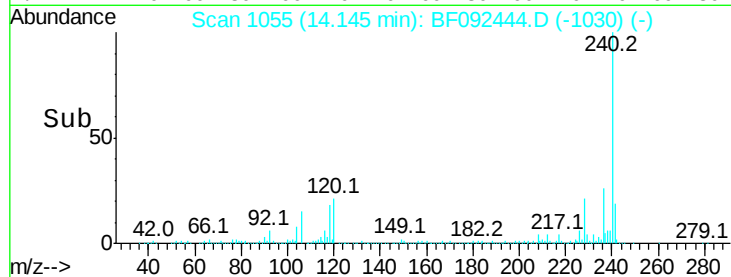
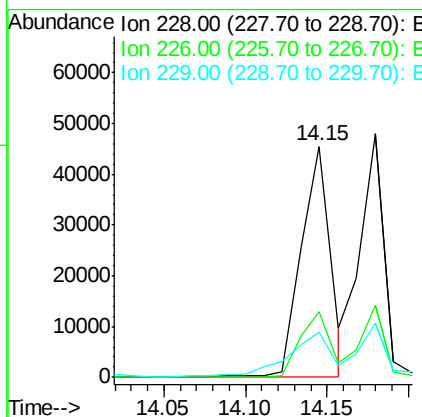
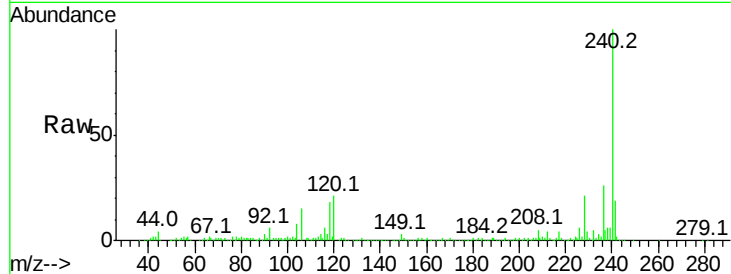
#80
Benzo(a)anthracene
Concen: 2.53 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tot Ion:	228	Resp:	56886
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.4	33.6
229	19.4	16.2	24.4

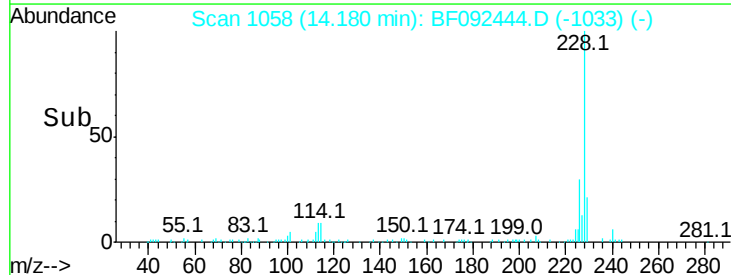
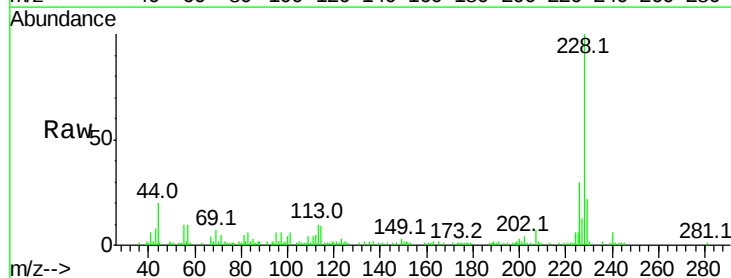
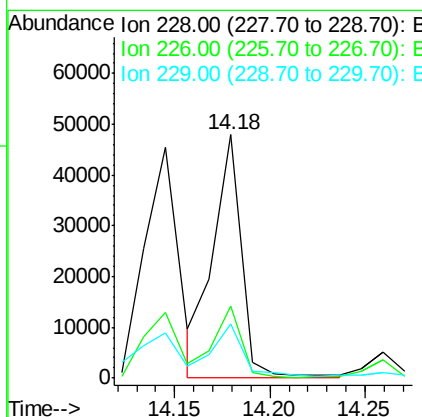
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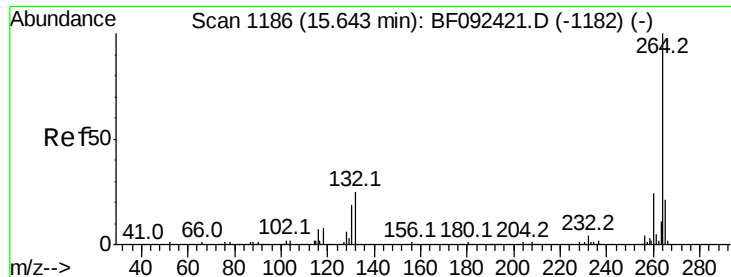
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#82
Chrysene
Concen: 2.09 ng m
RT: 14.18 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion:	228	Resp:	50134
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.4	38.0
229	22.1	16.2	24.2





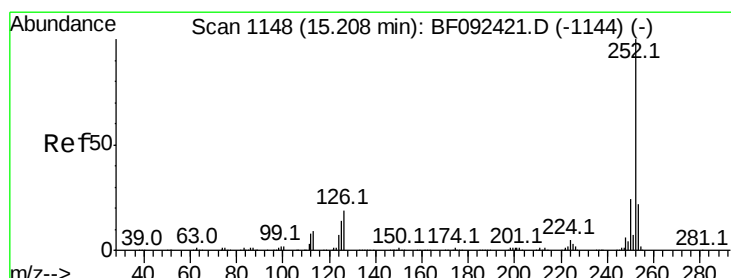
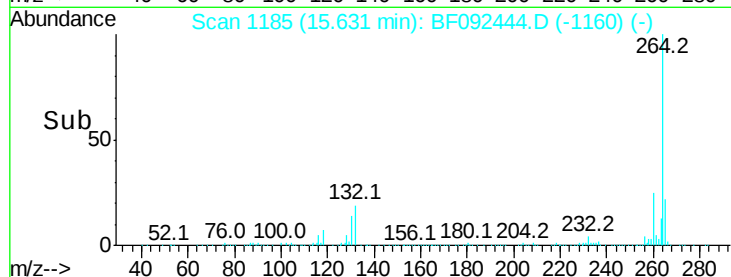
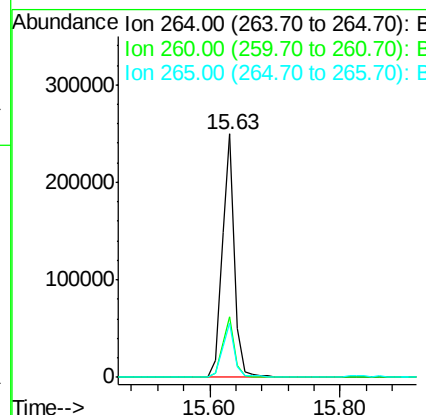
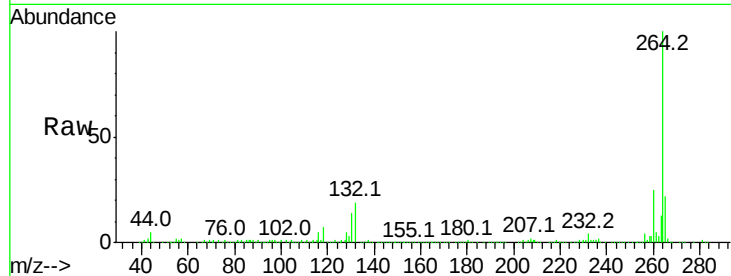
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-001-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.0	17.4	26.0

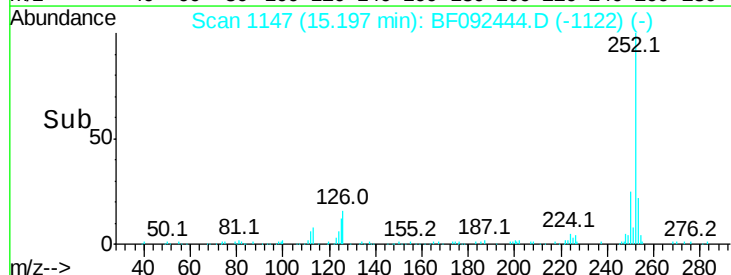
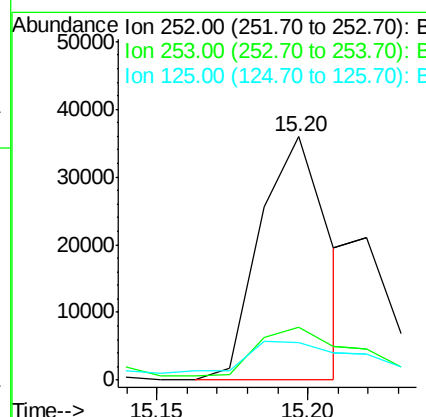
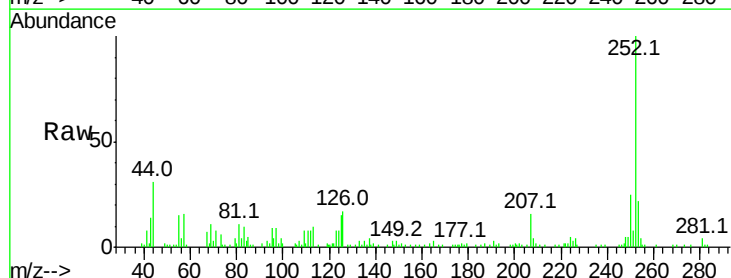
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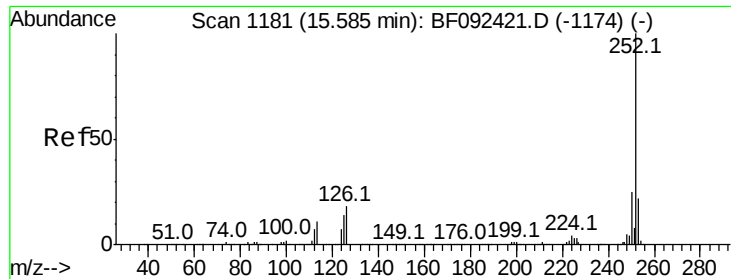
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#87
Benzo(b)fluoranthene
Concen: 2.67 ng m
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092444.D
Acq: 24 Jan 2017 22:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	15.4	9.8	14.6





#89

Benzo(a)pyrene

Concen: 2.23 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF092444.D

Acq: 24 Jan 2017 22:18

Instrument :

BNA_F

ClientSampleId :

FK-GF-01-001-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	23.9	18.2	27.2		
125	15.7	10.0	15.0		

Manual Integrations
APPROVED

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