

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093346.D
 Acq On : 3 Mar 2017 2:56
 Operator : SJ/MA
 Sample : I2036-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-B

Manual Integrations
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Quant Time: Mar 03 05:04:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	166360	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	648968	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	276799	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	476972	20.00	ng	0.00
75) Chrysene-d12	13.97	240	313014	20.00	ng	-0.01
86) Perylene-d12	15.40	264	292453	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	892087	92.00	ng	0.00
7) Phenol-d6	6.44	99	1155308	92.60	ng	-0.01
23) Nitrobenzene-d5	7.37	82	722219	61.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	179098	89.46	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1239398	81.12	ng	0.00
78) Terphenyl-d14	12.92	244	756396	56.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	90714	6.21	ng	89
49) Dimethylphthalate	9.57	163	100585	5.40	ng	98
70) Phenanthrene	11.37	178	77422	2.83	ng	96
74) Fluoranthene	12.56	202	107169	3.80	ng	94
77) Pyrene	12.79	202	95284	4.07	ng	97
80) Benzo(a)anthracene	13.96	228	46349	2.42	ng	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	30707	2.21	ng	94
87) Benzo(b)fluoranthene	14.99	252	49072m	2.55	ng	
89) Benzo(a)pyrene	15.35	252	42677	2.56	ng	# 95

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

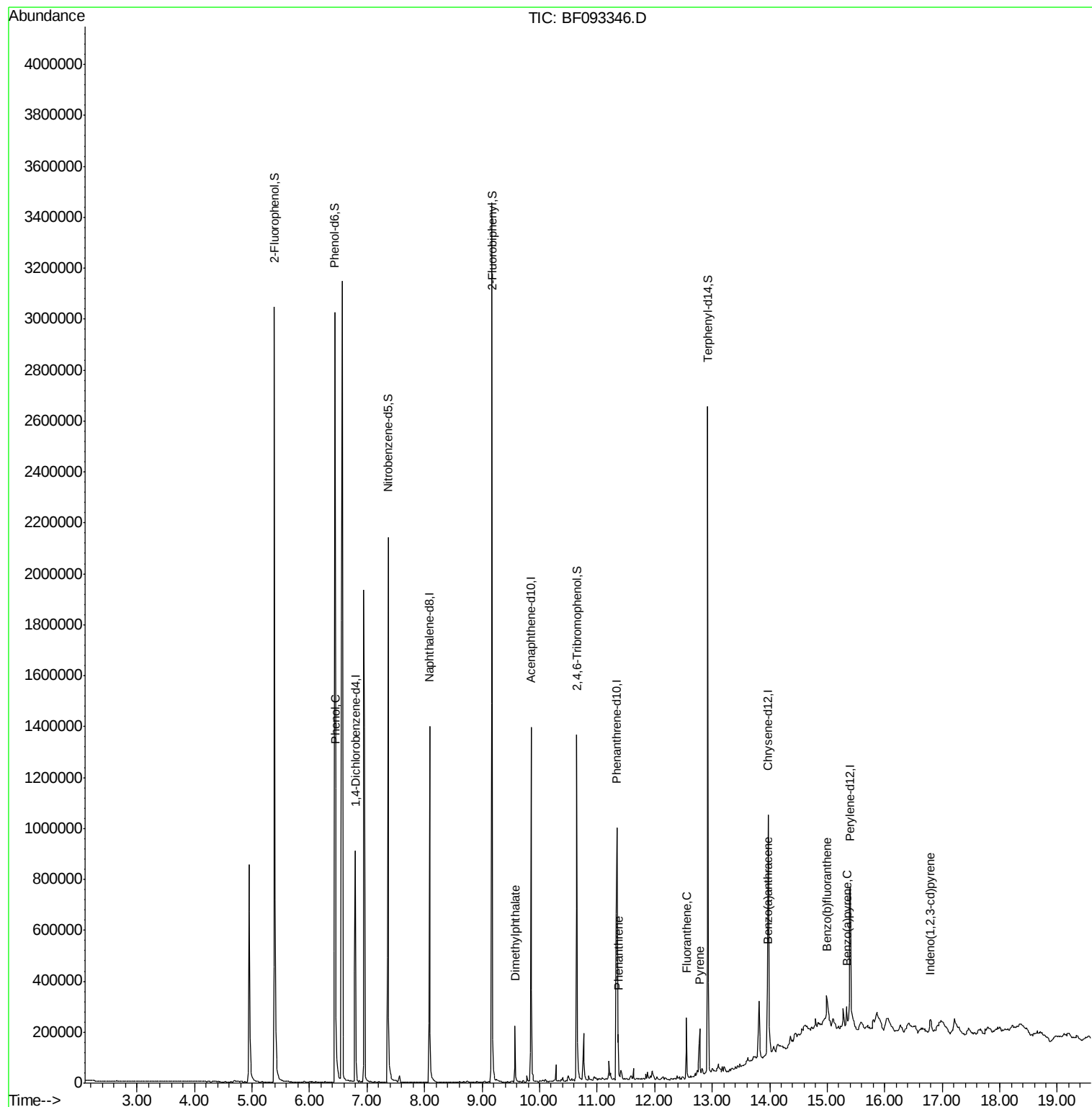
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093346.D
Acq On : 3 Mar 2017 2:56
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Sample : I2036-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

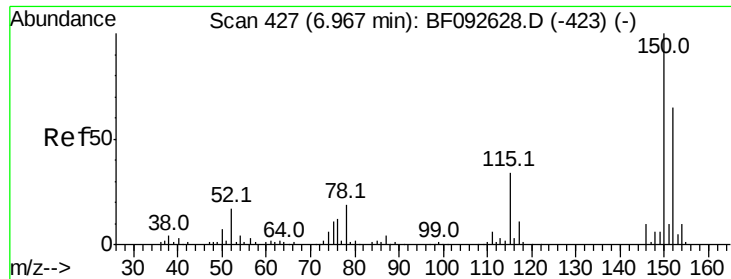
Instrument :
BNA_F
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FK-GF-03-001-B

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

Instrument :

BNA_F

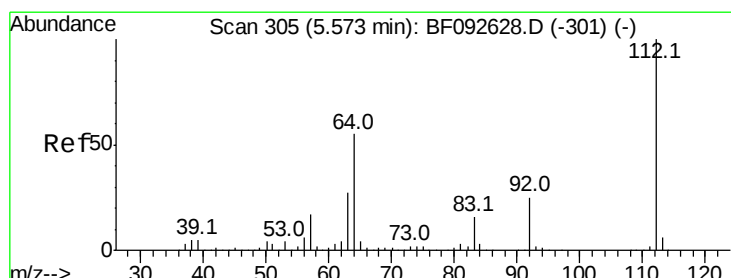
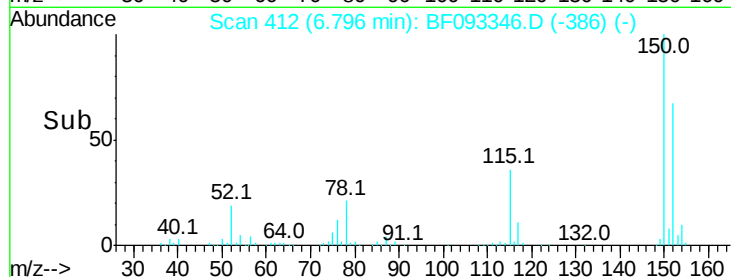
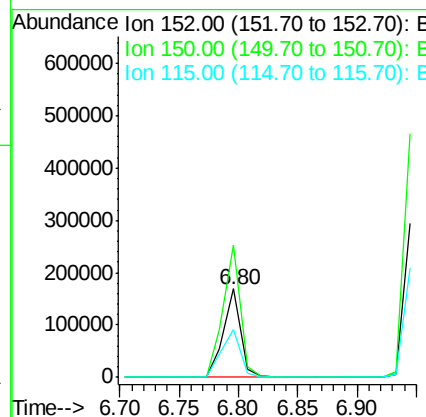
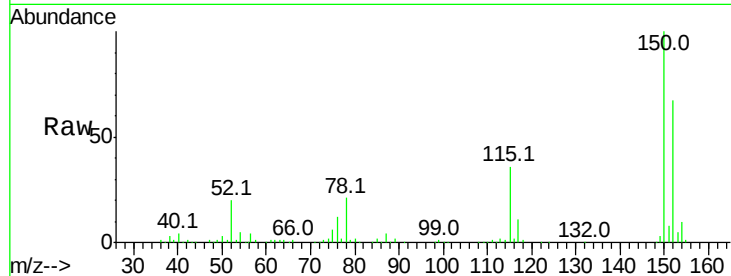
ClientSampleId :

FK-GF-03-001-B

Tot Ion:	152	Resp:	166360
Ion Ratio	Lower	Upper	
152	100		
150	150.1	124.9	187.3
115	54.0	46.0	69.0

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#5

2-Fluorophenol

Concen: 92.00 ng

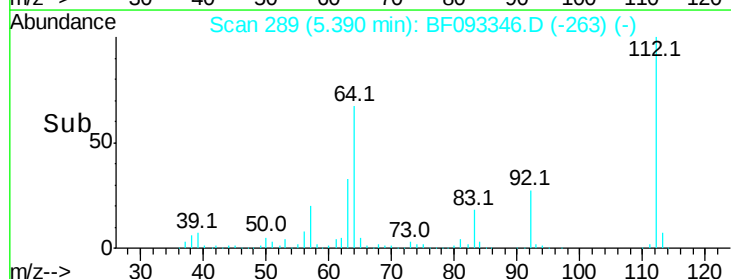
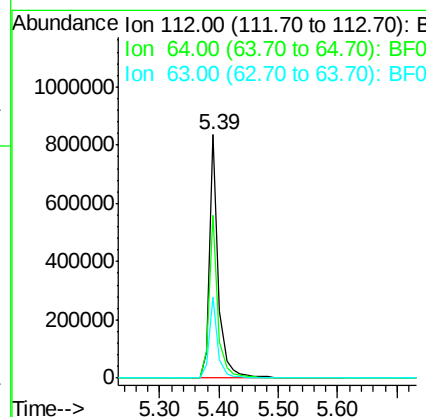
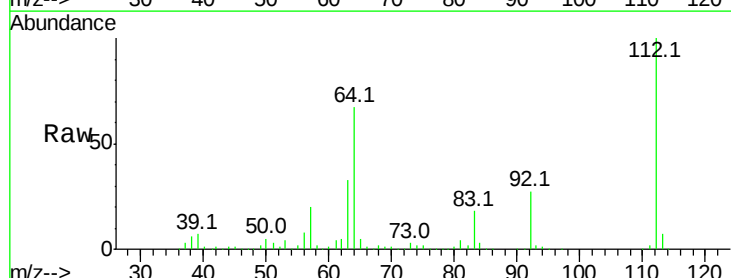
RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

Tgt Ion:	112	Resp:	892087
Ion Ratio	Lower	Upper	
112	100		
64	66.7	46.1	69.1
63	33.4	23.8	35.6





#7

Phenol-d6

Concen: 92.60 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-001-B

Tot Ion: 99 Resp: 1155308

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

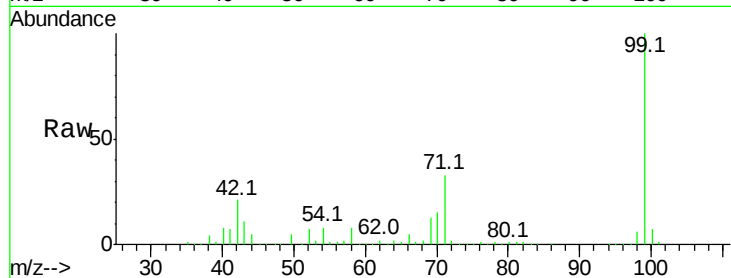
71 33.2 27.5 41.3

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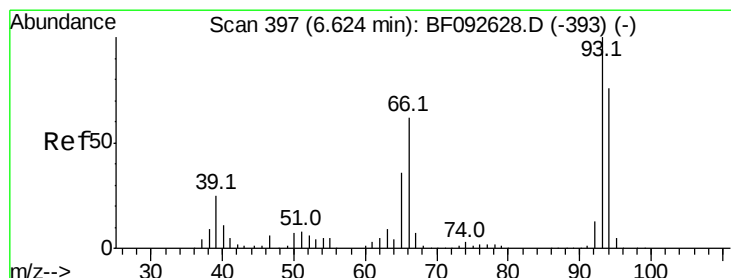
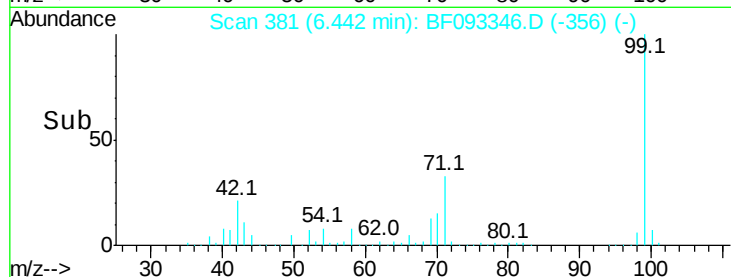
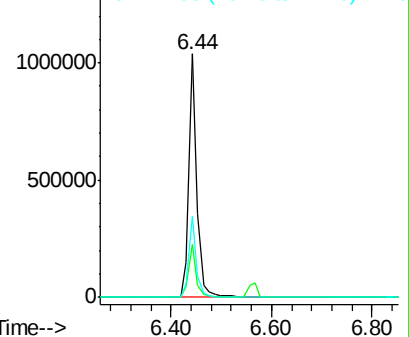
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 6.21 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

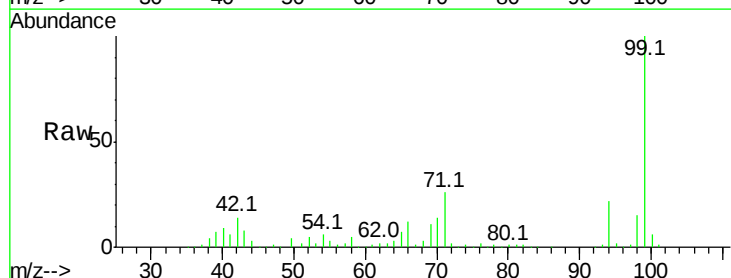
Tgt Ion: 94 Resp: 90714

Ion Ratio Lower Upper

94 100

65 33.6 21.4 61.4

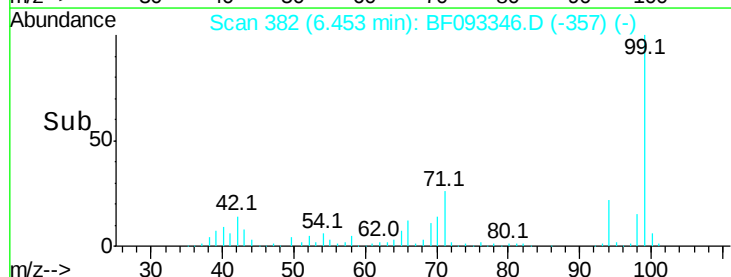
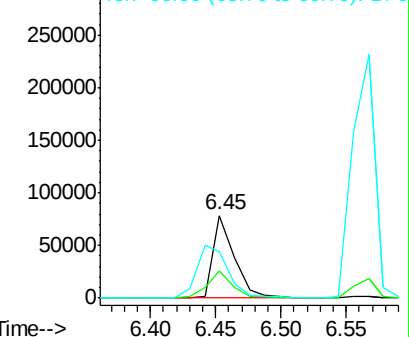
66 56.0 44.0 84.0

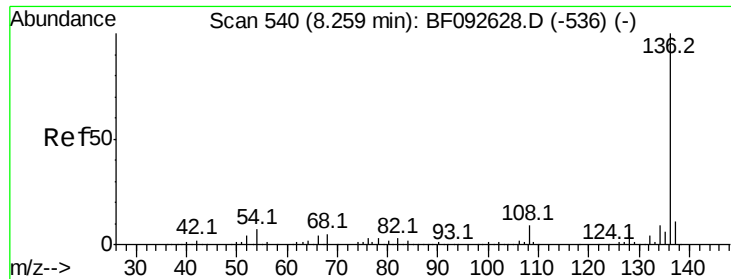


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





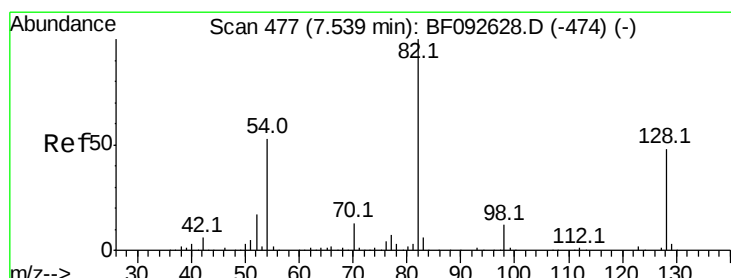
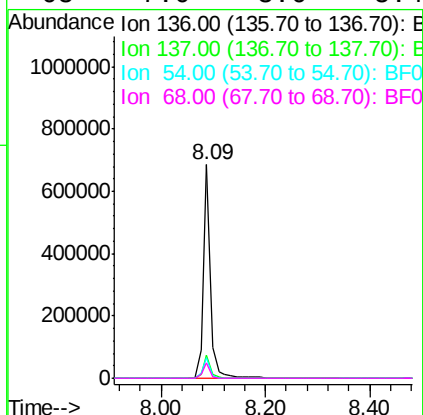
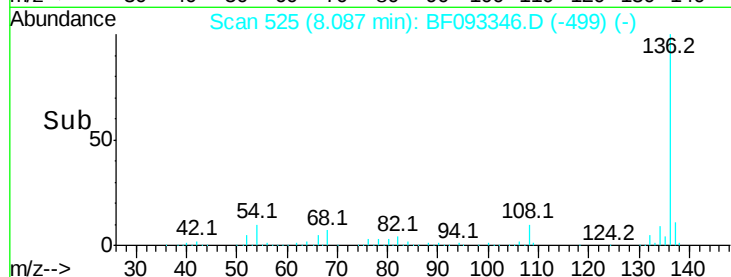
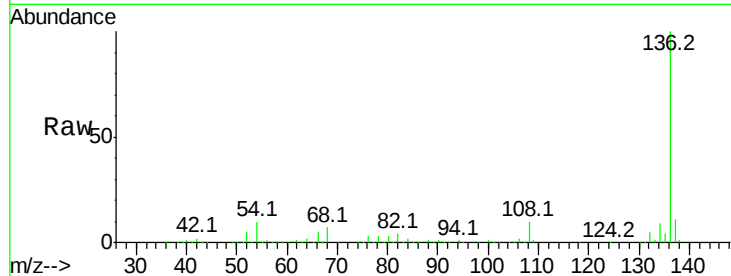
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.8	4.5	6.7#
68	7.0	3.6	5.4#

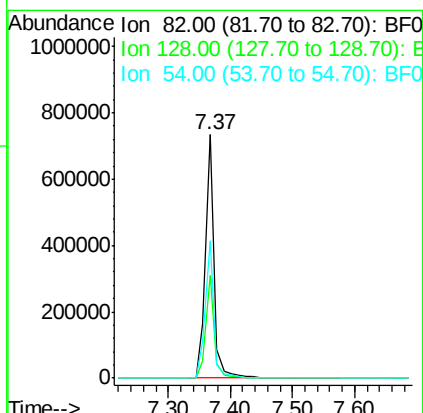
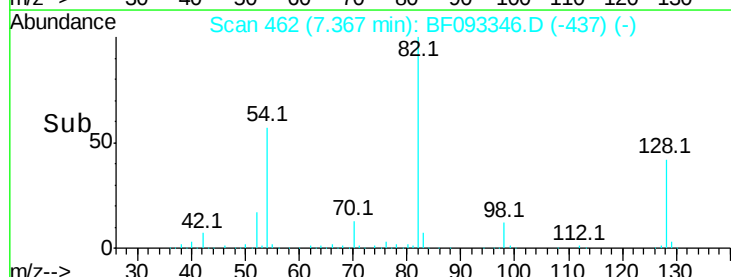
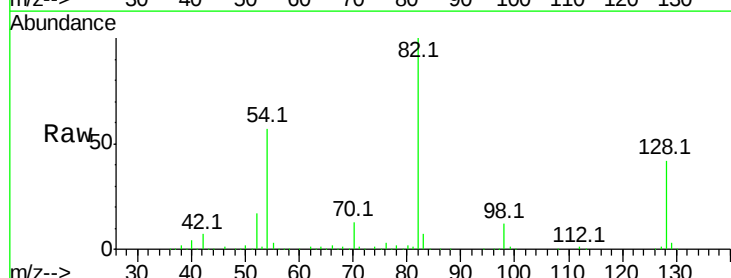
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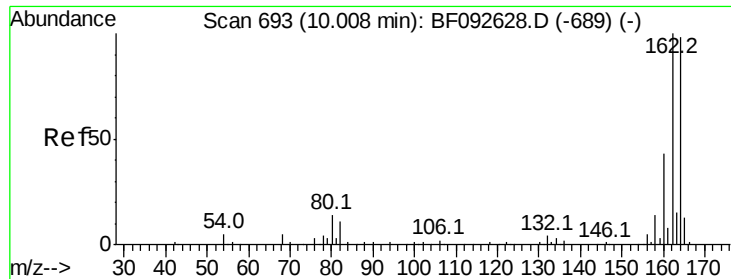
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#23
Nitrobenzene-d5
Concen: 61.97 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.1	34.6	52.0
54	56.5	39.5	59.3





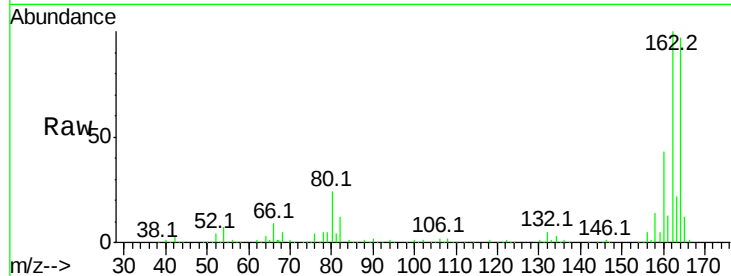
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF093346.D
 Acq: 3 Mar 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-B

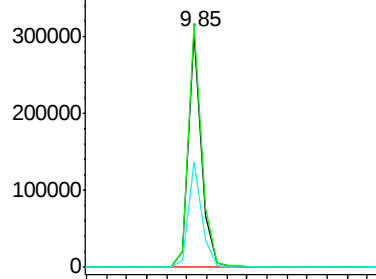
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	44.7	36.9	55.3

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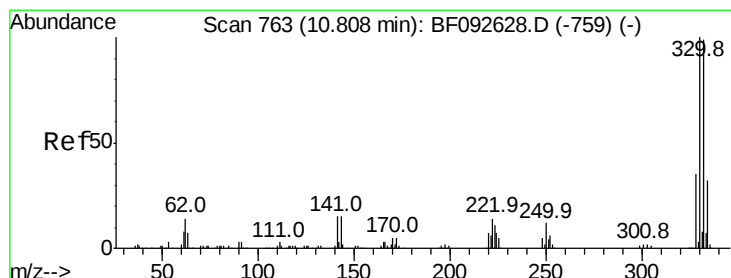
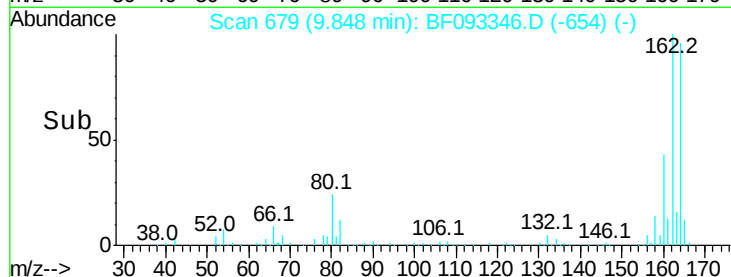
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Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

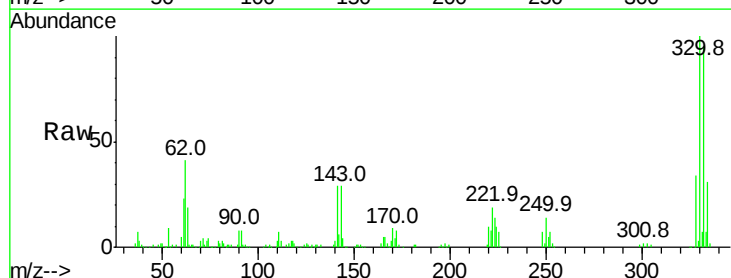


Time-->

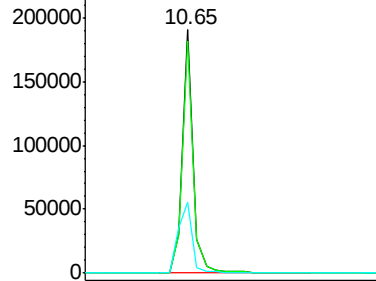


#41
 2,4,6-Tribromophenol
 Concen: 89.46 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093346.D
 Acq: 3 Mar 2017 2:56

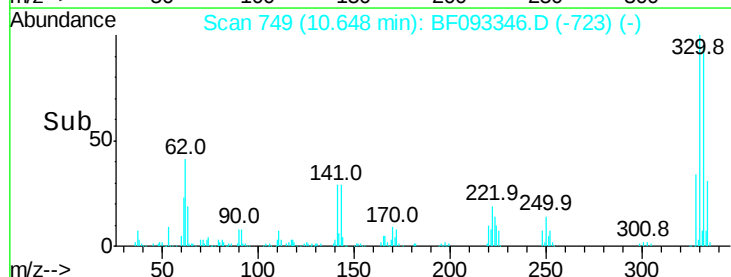
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.4	116.2
141	38.4	34.1	51.1



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





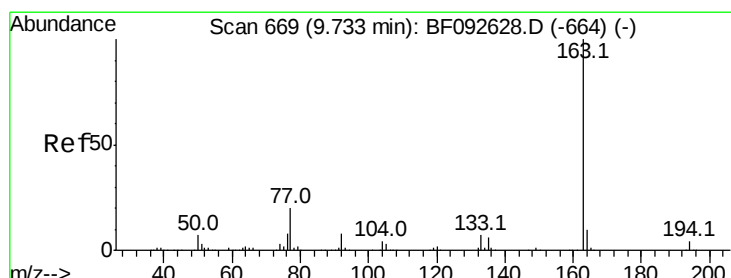
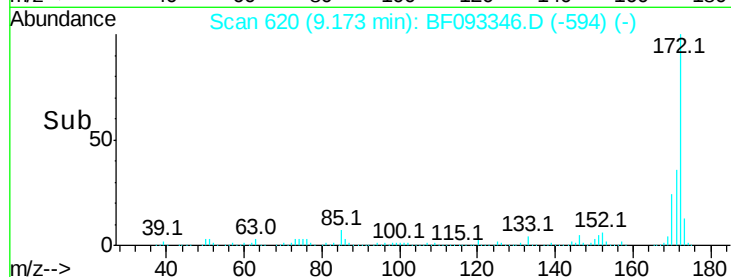
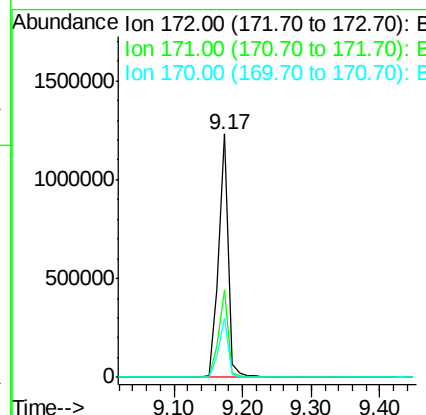
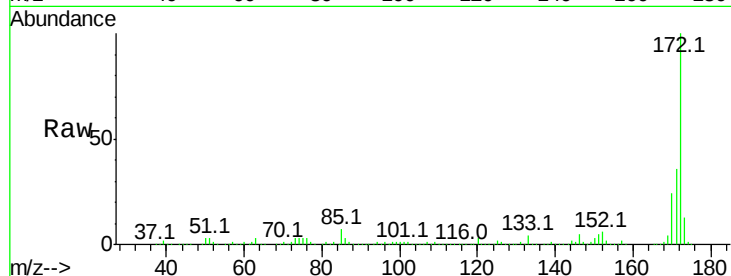
#44
2-Fluorobiphenyl
Concen: 81.12 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.2	20.2	30.4

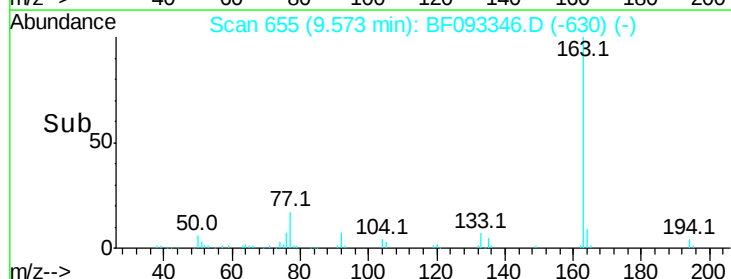
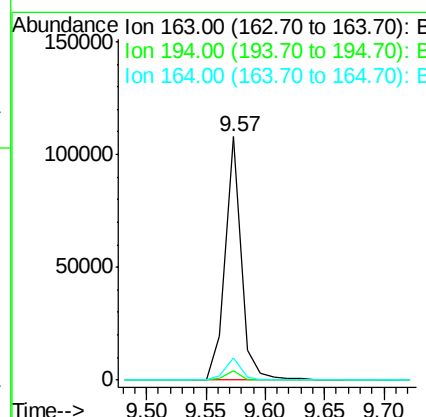
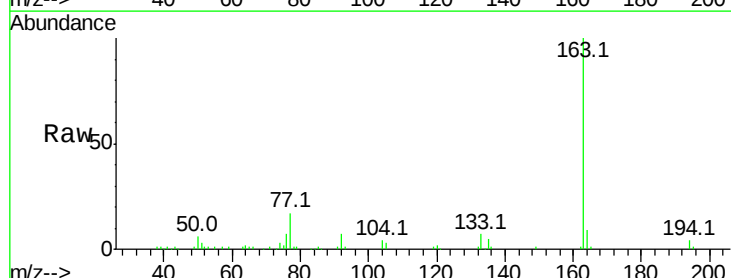
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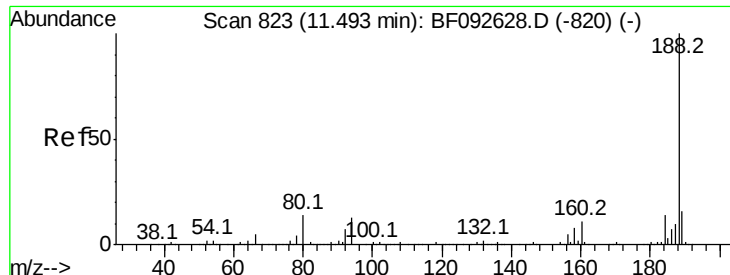
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#49
Dimethylphthalate
Concen: 5.40 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.3	8.0	12.0





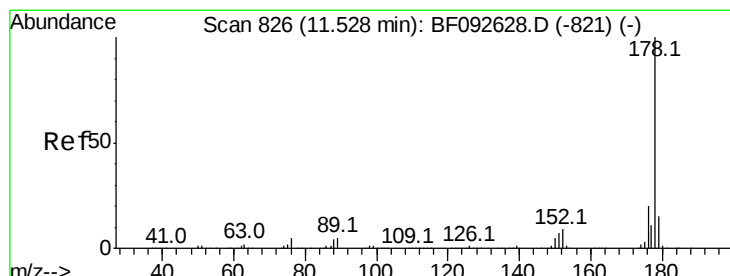
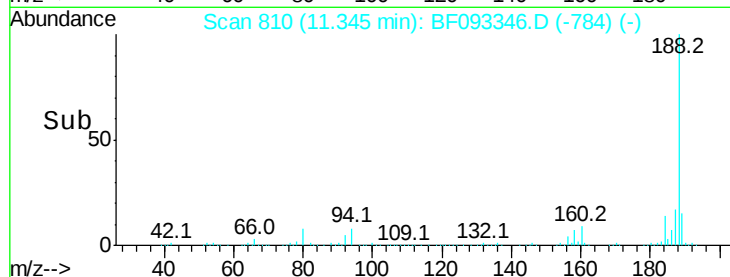
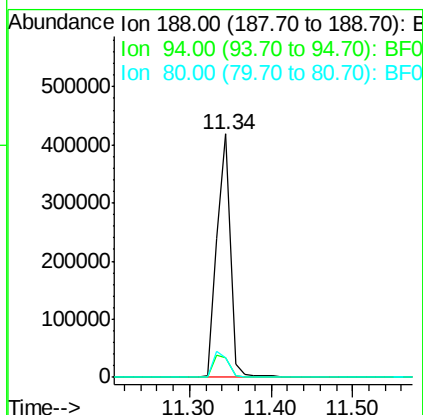
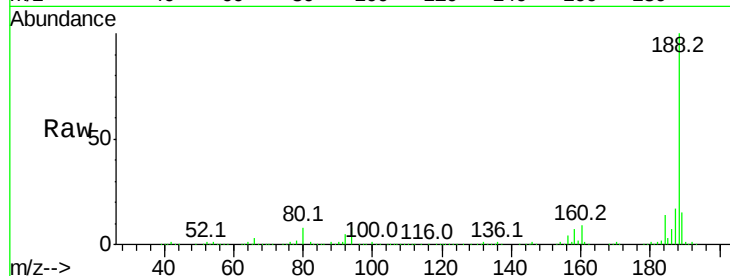
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	476972		
94	7.9	10.0	15.0#	
80	8.2	11.2	16.8#	

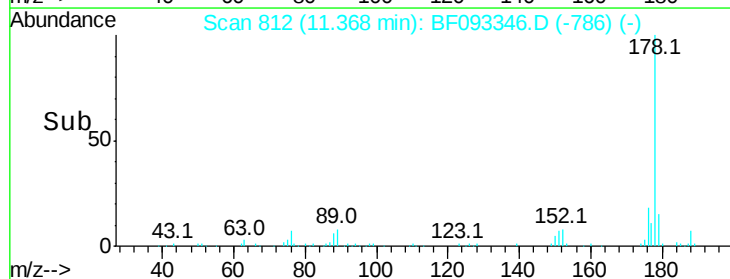
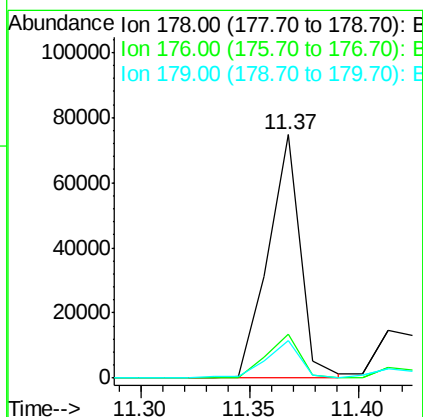
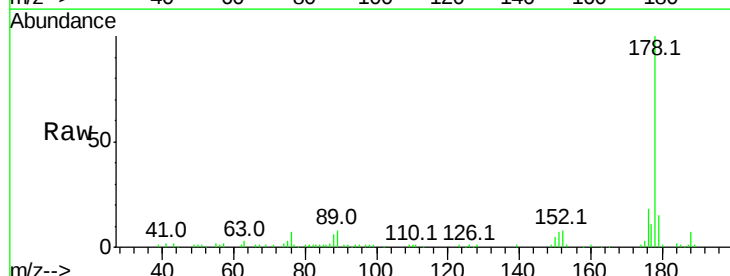
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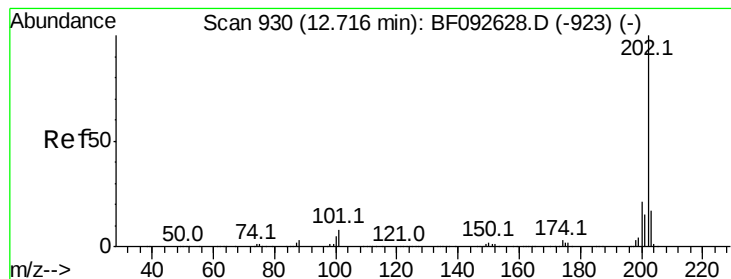
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#70
Phenanthrene
Concen: 2.83 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	77422		
176	18.1	16.6	25.0	
179	15.3	12.8	19.2	





#74

Fluoranthene

Concen: 3.80 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

Instrument :

BNA_F

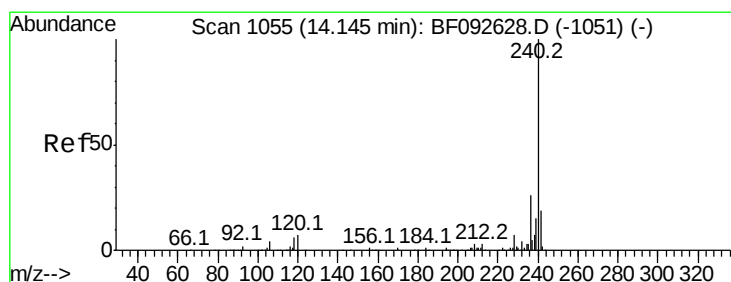
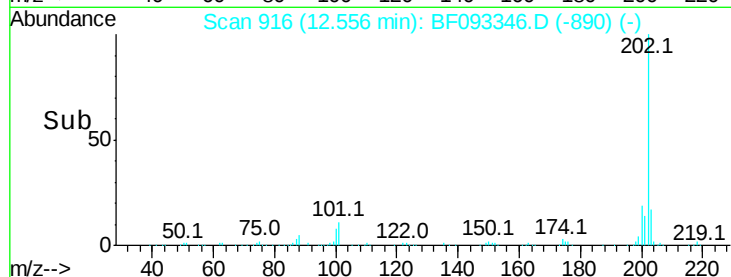
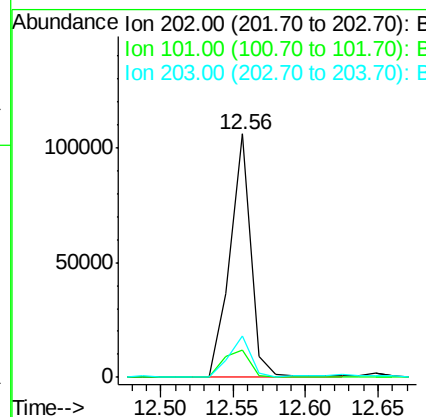
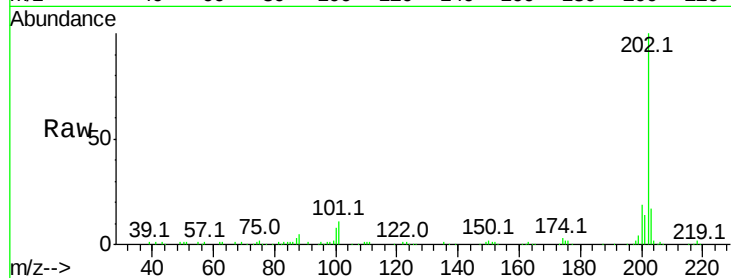
ClientSampleId :

FK-GF-03-001-B

Tot Ion:	202	Resp:	107169
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.6
203	17.1	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

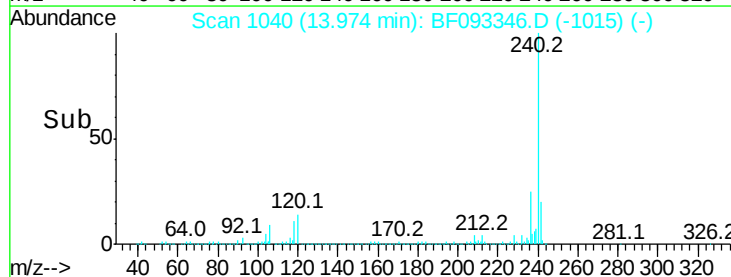
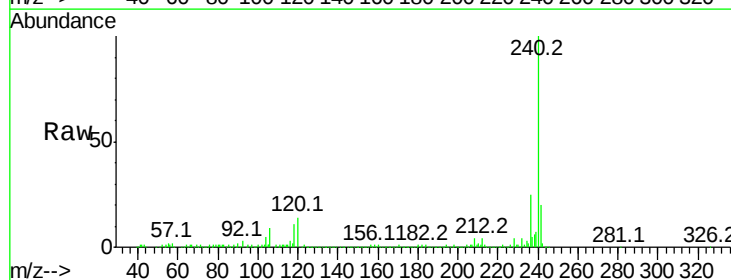
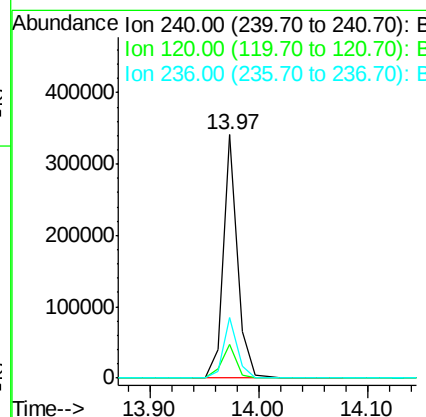
RT: 13.97 min Scan# 1040

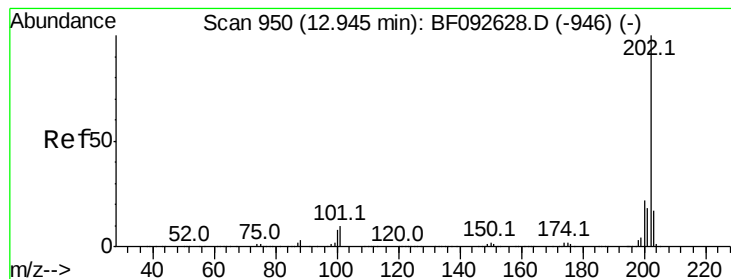
Delta R.T. -0.01 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

Tgt Ion:	240	Resp:	313014
Ion Ratio	Lower	Upper	
240	100		
120	14.0	12.9	19.3
236	25.1	20.9	31.3





#77

Pvrene

Concen: 4.07 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

Instrument :

BNA_F

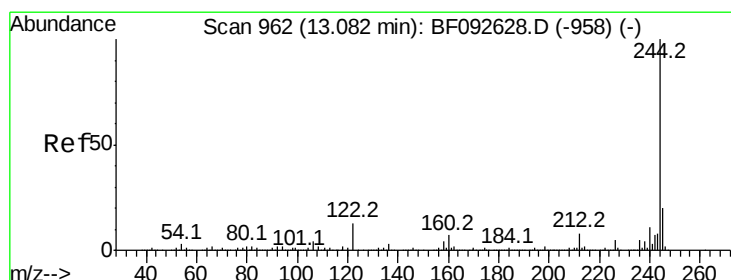
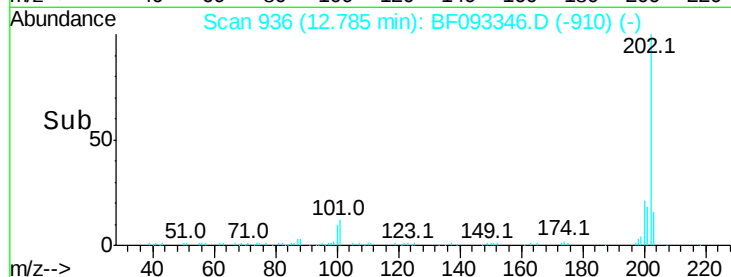
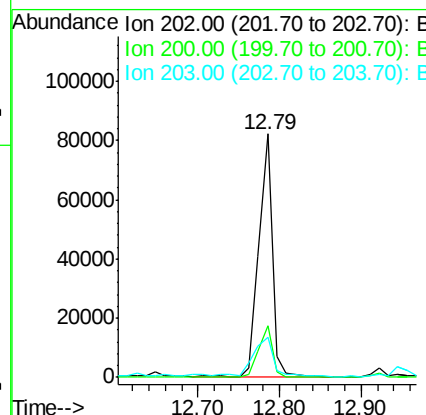
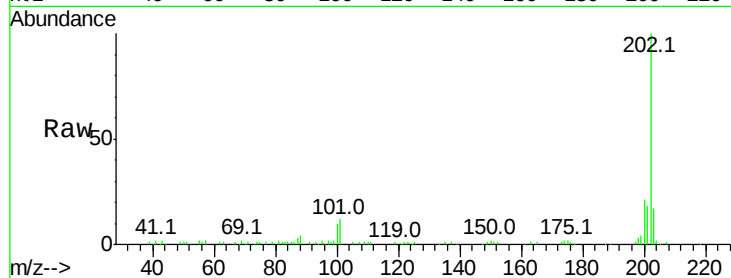
ClientSampleId :

FK-GF-03-001-B

Tot Ion:	202	Resp:	95284
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.7	26.5
203	16.6	14.7	22.1

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#78

Terphenyl-d14

Concen: 56.78 ng

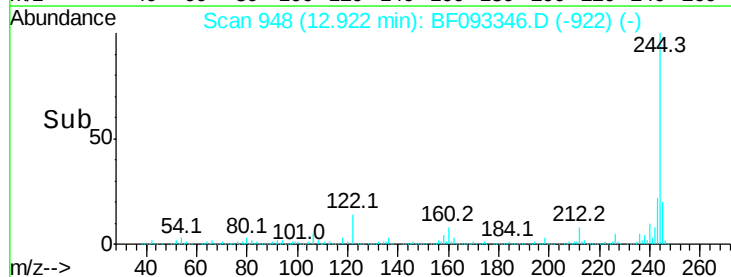
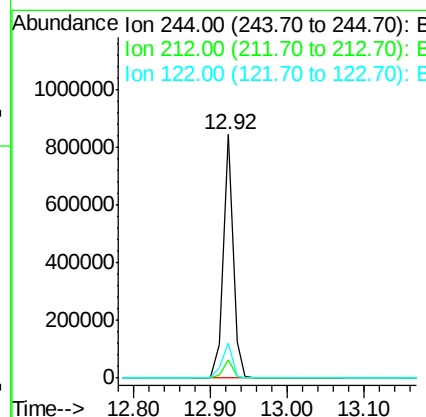
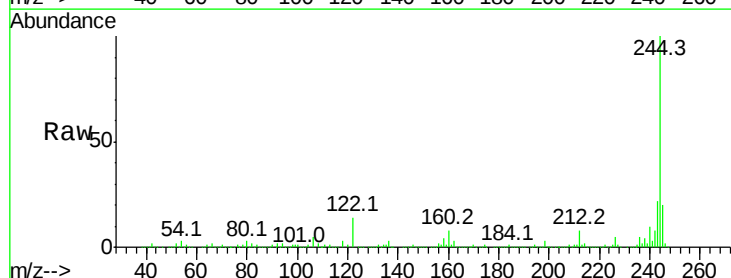
RT: 12.92 min Scan# 948

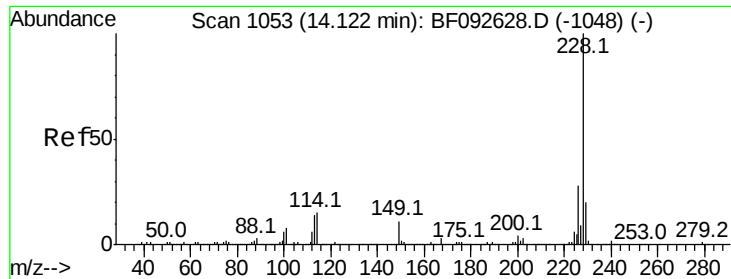
Delta R.T. -0.00 min

Lab File: BF093346.D

Acq: 3 Mar 2017 2:56

Tgt Ion:	244	Resp:	756396
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.2	9.2
122	14.2	11.4	17.2





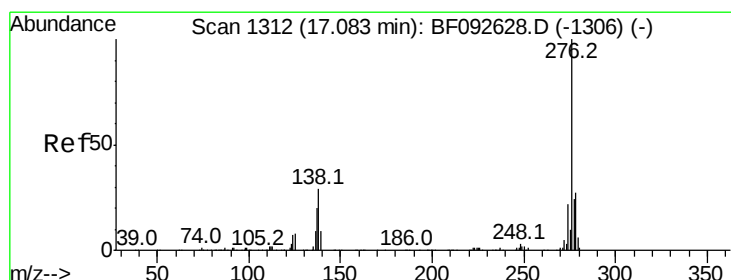
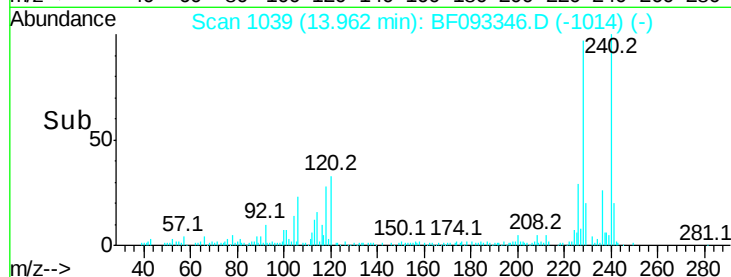
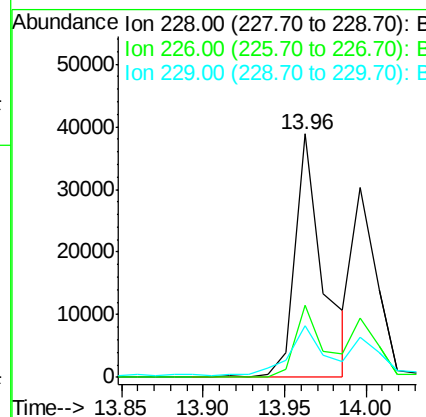
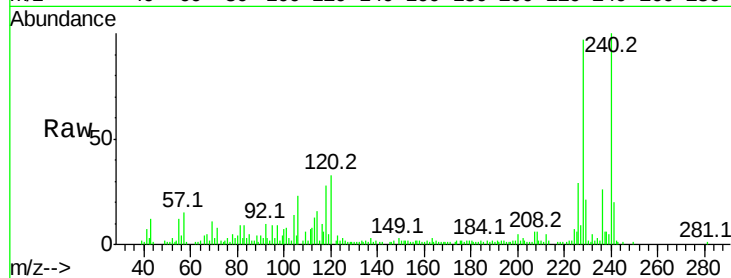
#80
Benzo(a)anthracene
Concen: 2.42 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tot Ion:	228	Resp:	46349
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.4	33.6
229	21.4	16.2	24.4

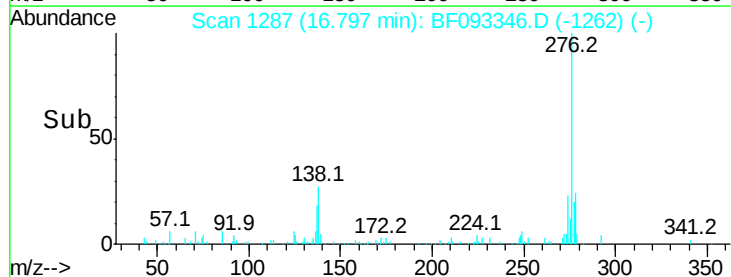
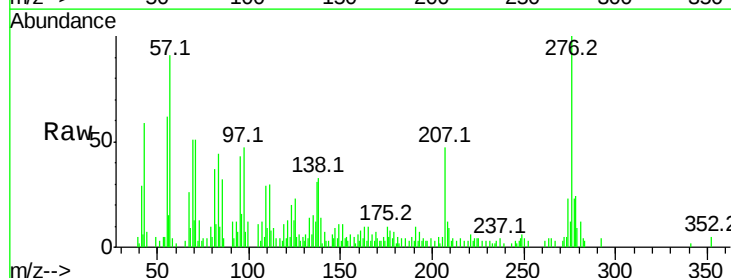
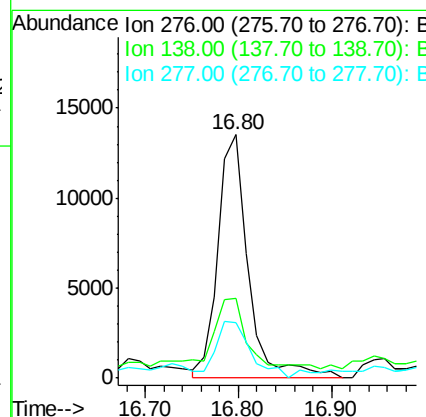
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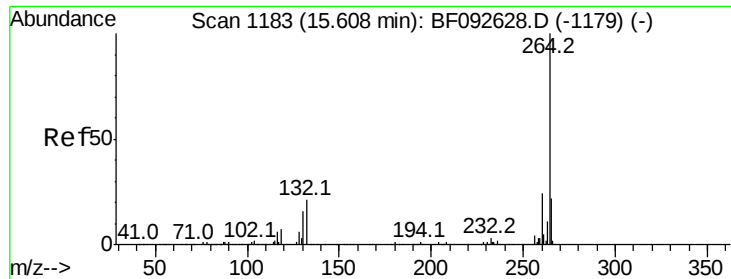
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.21 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion:	276	Resp:	30707
Ion Ratio	Lower	Upper	
276	100		
138	31.2	21.8	32.6
277	26.9	20.2	30.4





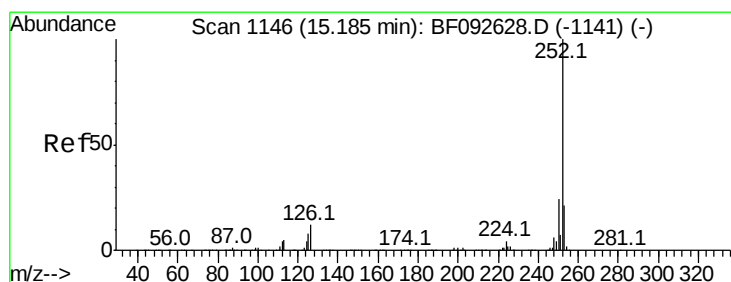
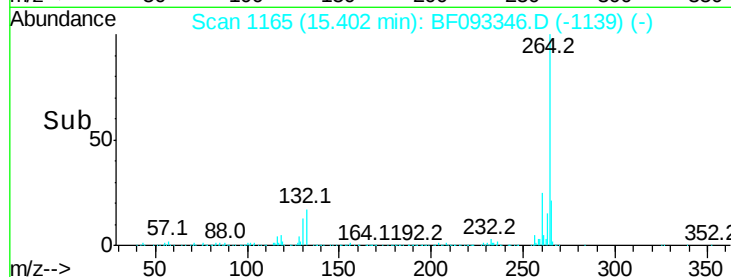
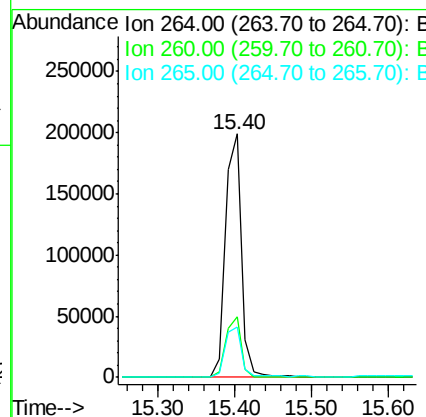
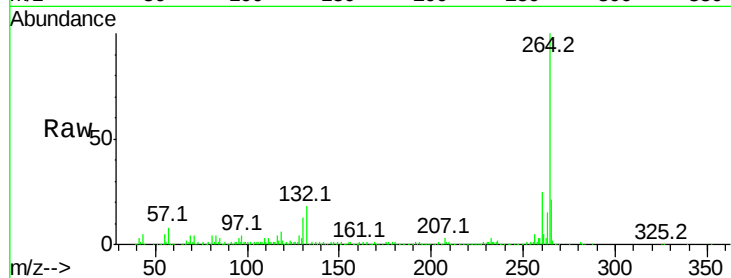
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-001-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.9	17.4	26.0

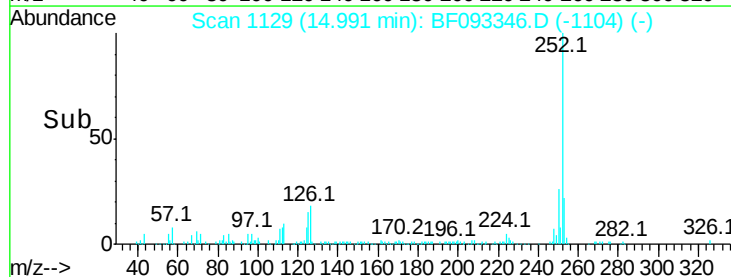
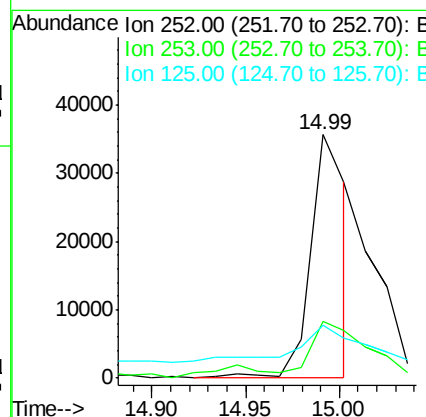
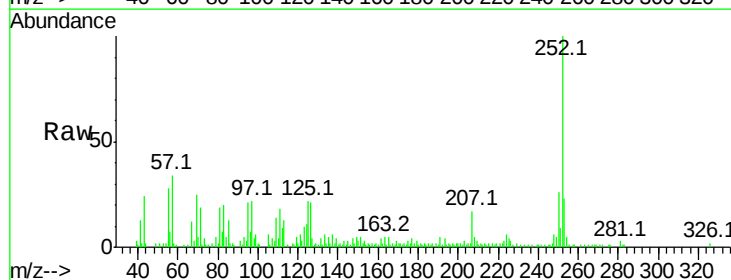
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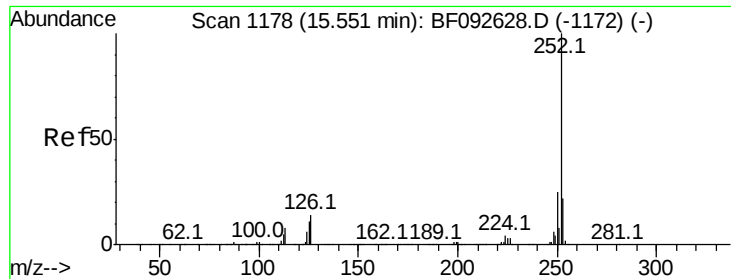
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#87
Benzo(b)fluoranthene
Concen: 2.55 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF093346.D
Acq: 3 Mar 2017 2:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	21.6	9.8	14.6#





#89
 Benzo(a)pyrene
 Concen: 2.56 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF093346.D
 Acq: 3 Mar 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-001-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	17.6	10.0	15.0

Manual Integrations
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