

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
 Data File : BF077348.D
 Acq On : 18 Feb 2015 7:54
 Operator : TP/IZ
 Sample : G1300-01
 Misc : S
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-005-A

Manual Integrations
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Quant Time: Feb 18 12:27:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 09:51:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	58293	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	240170	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	110084	20.00	ng	-0.01
63) Phenanthrene-d10	12.98	188	220264	20.00	ng	0.00
75) Chrysene-d12	16.27	240	228624	20.00	ng	0.00
86) Perylene-d12	18.01	264	229974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	397482	116.53	ng	0.00
7) Phenol-d6	6.92	99	526560	118.17	ng	0.00
23) Nitrobenzene-d5	8.06	82	275825	79.53	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	124959	121.94	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	643896	88.18	ng	0.00
78) Terphenyl-d14	14.98	244	731385	72.73	ng	0.00
Target Compounds						
10) Phenol	6.93	94	18841	3.64	ng	98
49) Dimethylphthalate	10.81	163	22305	2.94	ng	99
70) Phenanthrene	13.00	178	27170	2.12	ng	98
74) Fluoranthene	14.49	202	51153	3.96	ng	96
77) Pyrene	14.76	202	44280	3.13	ng	98
82) Chrysene	16.31	228	25873m	2.06	ng	
87) Benzo(b)fluoranthene	17.55	252	32330m	2.19	ng	

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

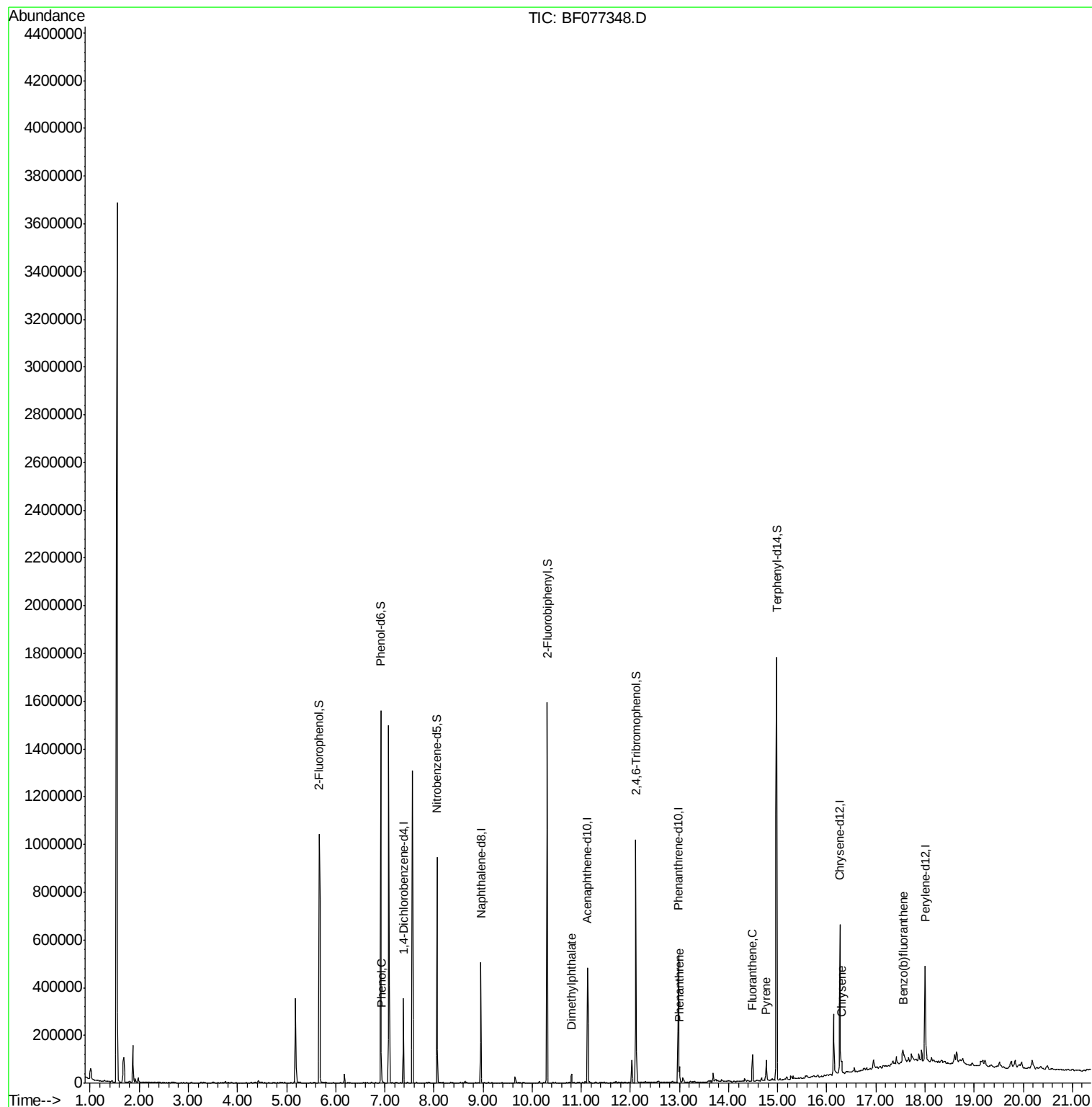
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021715\
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Misc : S
ALS Vial : 28 Sample Multiplier: 1

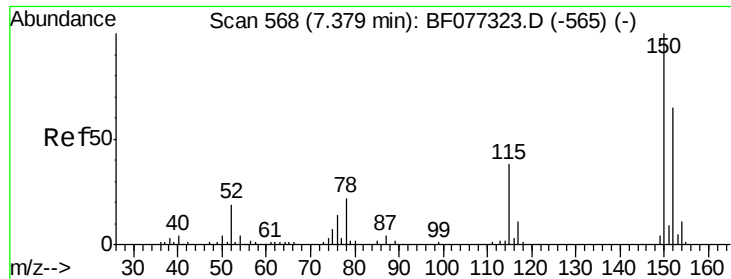
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Feb 18 12:27:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021715.M
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QLast Update : Wed Feb 18 09:51:00 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF077348.D

Acq: 18 Feb 2015 7:54

Instrument :

BNA_F

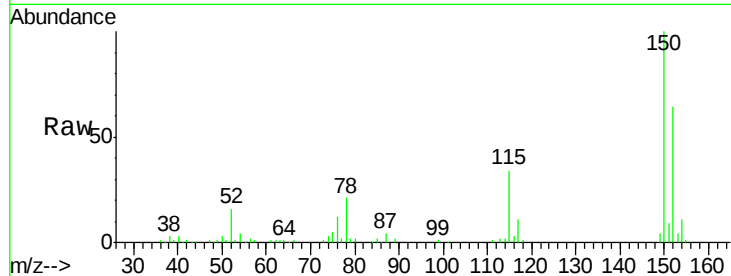
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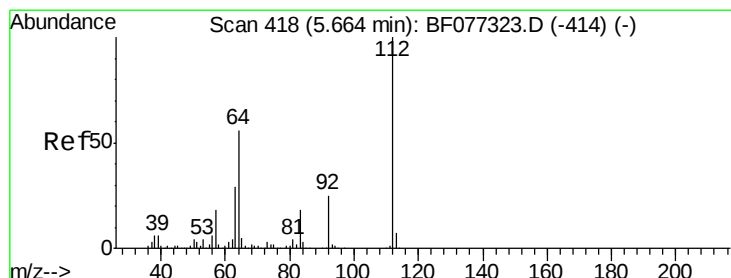
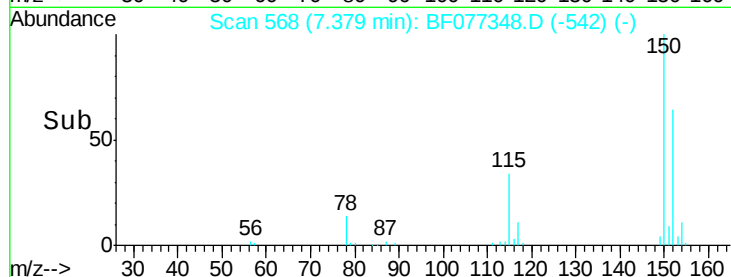
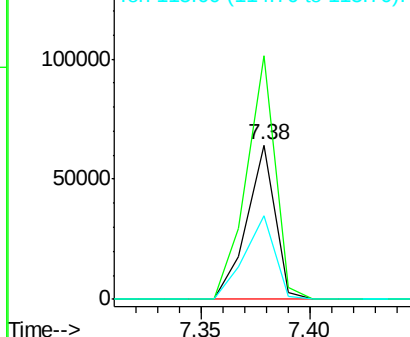
Tgt Ion:	152	Resp:	58293
Ion Ratio	Lower	Upper	
152	100		
150	157.4	123.1	184.7
115	53.9	46.2	69.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 116.53 ng

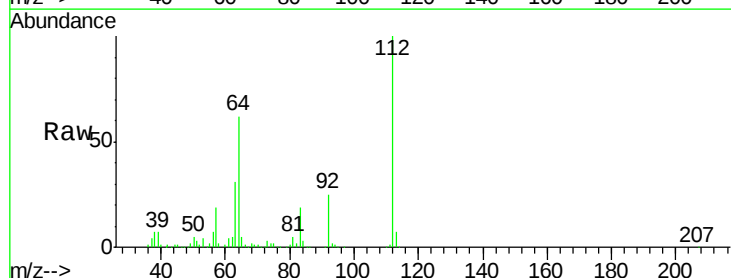
RT: 5.66 min Scan# 418

Delta R.T. -0.00 min

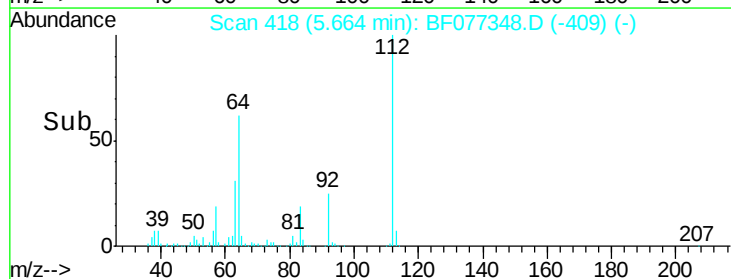
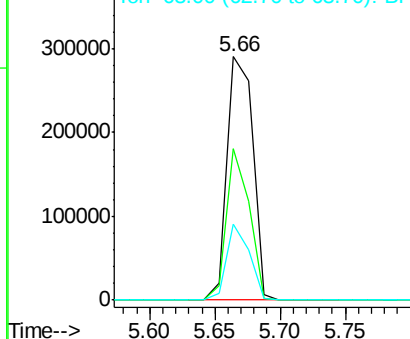
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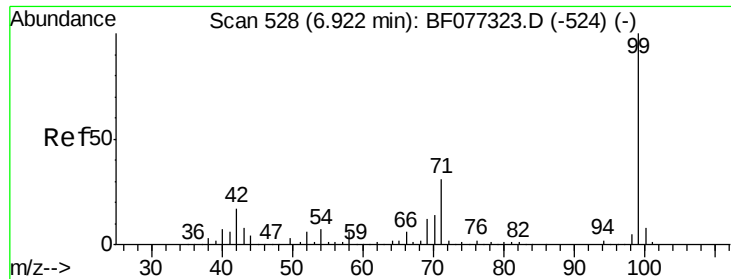
Acq: 18 Feb 2015 7:54

Tgt Ion:	112	Resp:	397482
Ion Ratio	Lower	Upper	
112	100		
64	62.1	44.7	67.1
63	31.3	23.3	34.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.17 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF077348.D

Acq: 18 Feb 2015 7:54

Instrument :

BNA_F

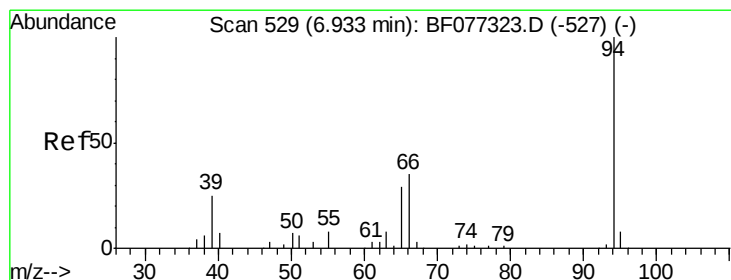
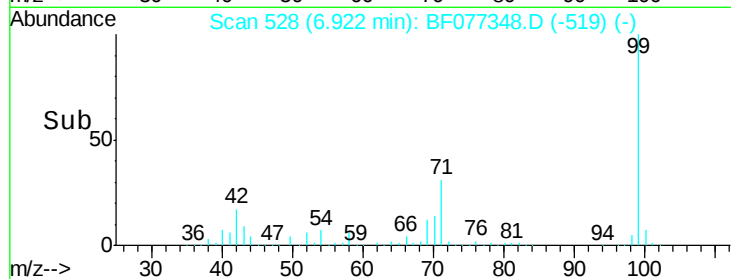
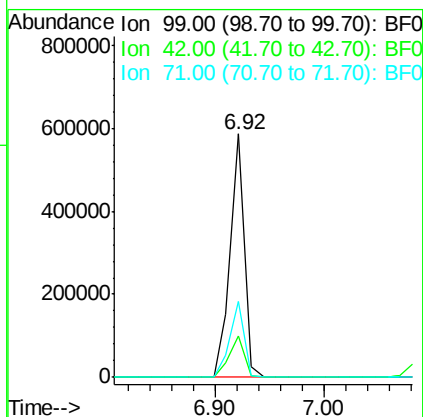
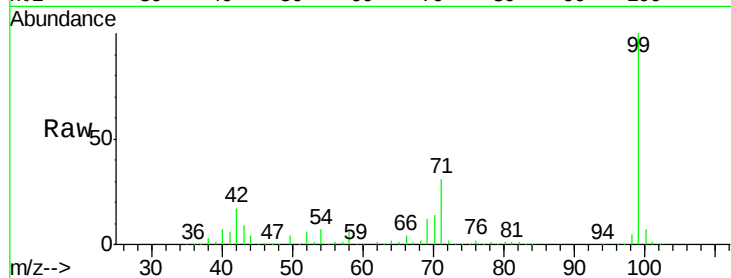
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Tgt Ion:	99	Resp:	526560
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.8	20.6
71	31.4	24.6	37.0

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#10

Phenol

Concen: 3.64 ng

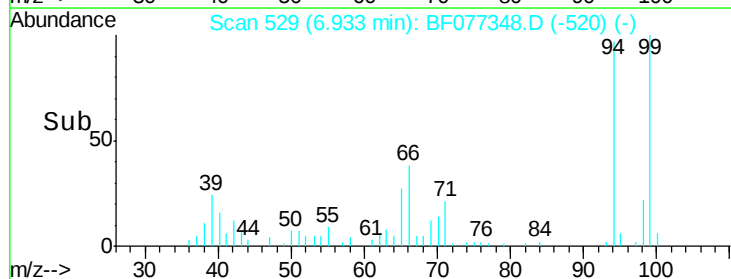
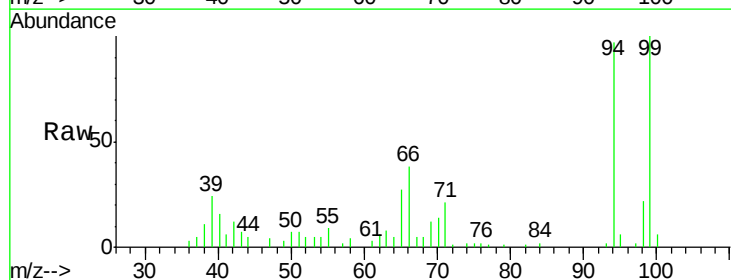
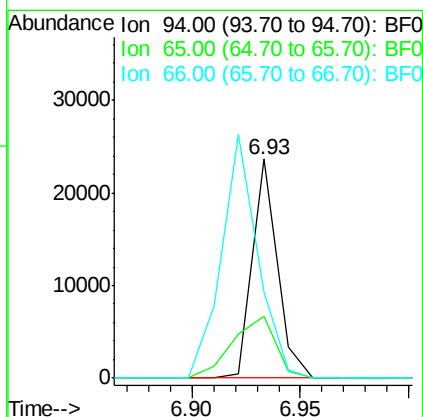
RT: 6.93 min Scan# 529

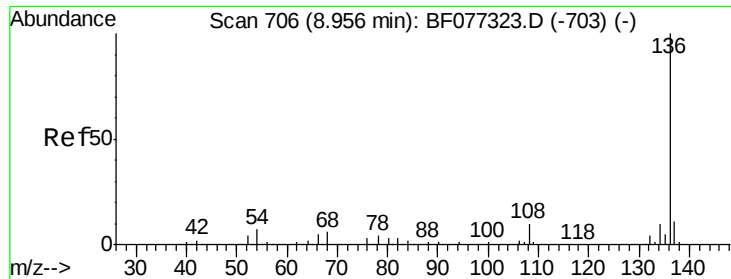
Delta R.T. -0.00 min

Lab File: BF077348.D

Acq: 18 Feb 2015 7:54

Tgt Ion:	94	Resp:	18841
Ion Ratio	Lower	Upper	
94	100		
65	28.2	9.3	49.3
66	39.1	18.3	58.3





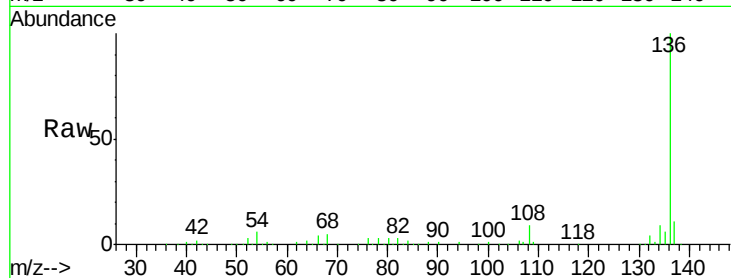
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-04-005-A

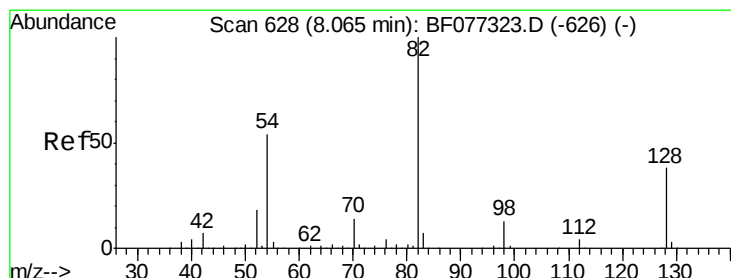
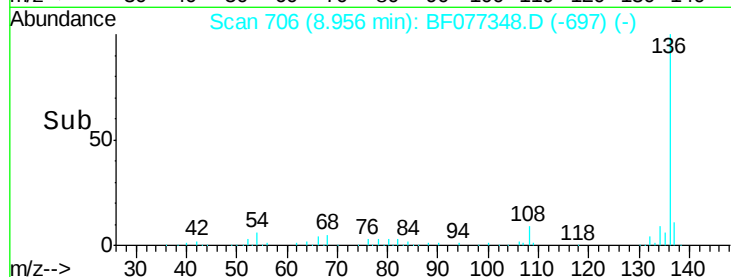
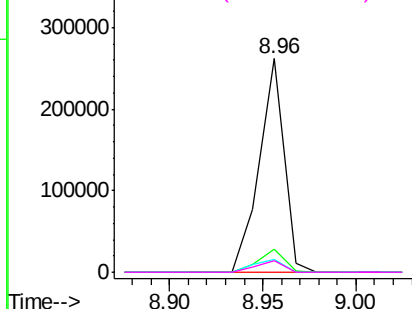
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.7	8.7	13.1
54	6.1	5.8	8.6
68	5.2	4.6	6.8

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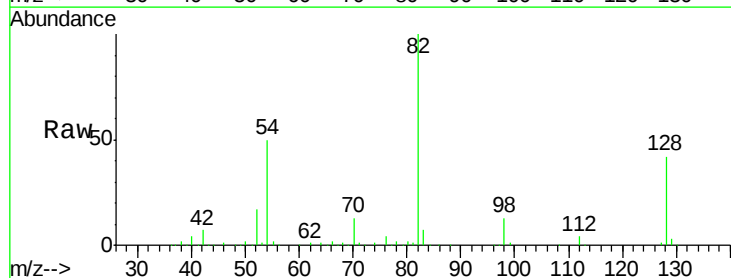


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

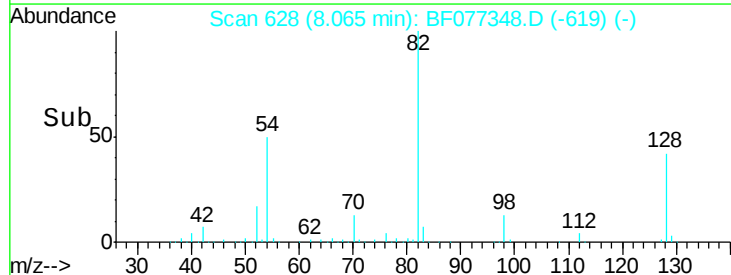
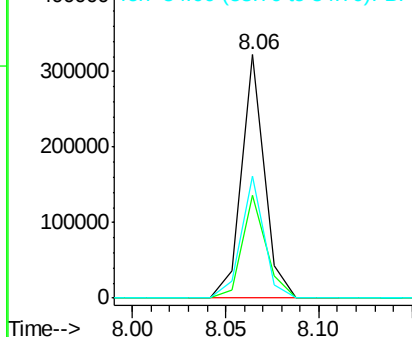


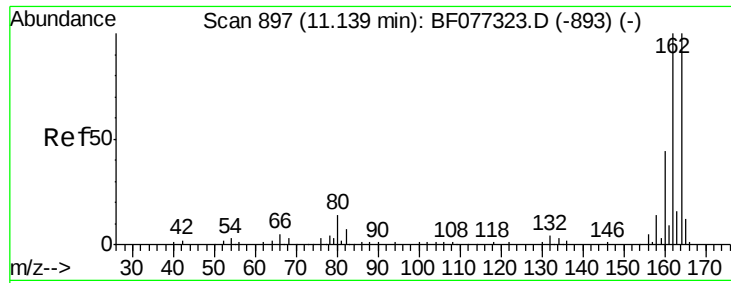
#23
Nitrobenzene-d5
Concen: 79.53 ng
RT: 8.06 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.3	30.7	46.1
54	50.4	43.1	64.7



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





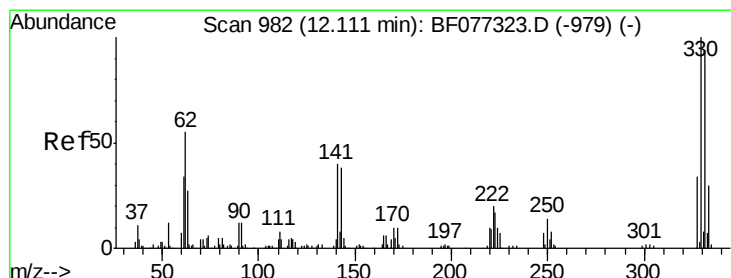
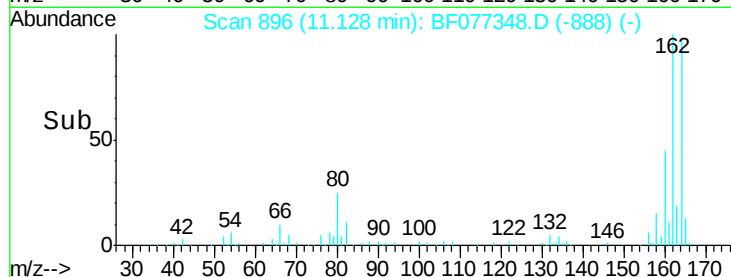
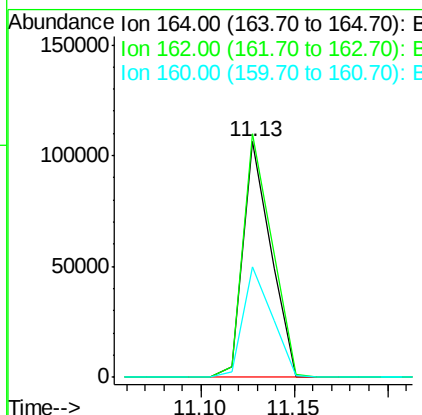
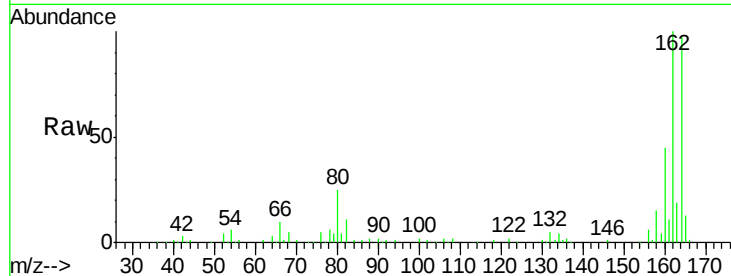
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-04-005-A

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110084		
162	103.3	80.4	120.6	
160	46.8	35.3	52.9	

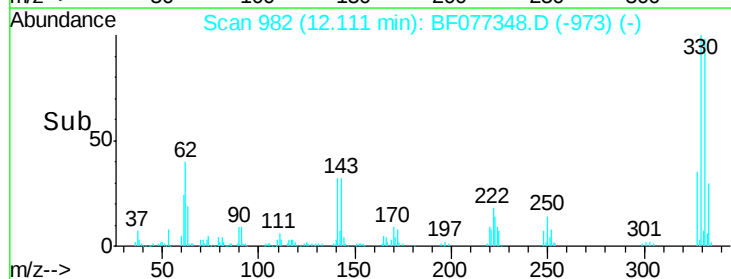
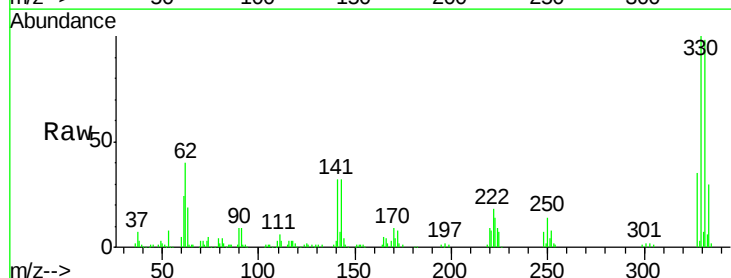
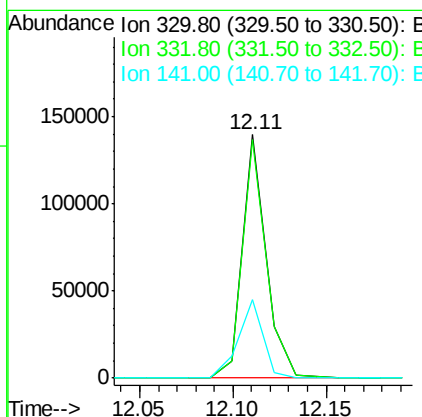
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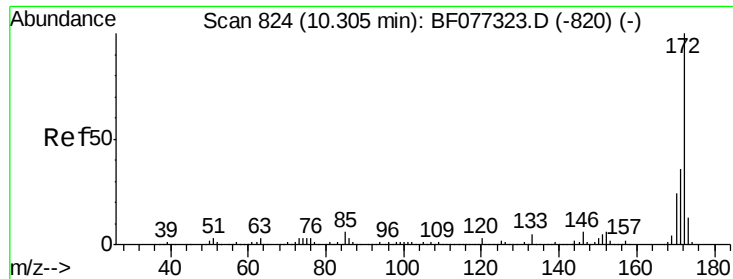
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#41
2,4,6-Tribromophenol
Concen: 121.94 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

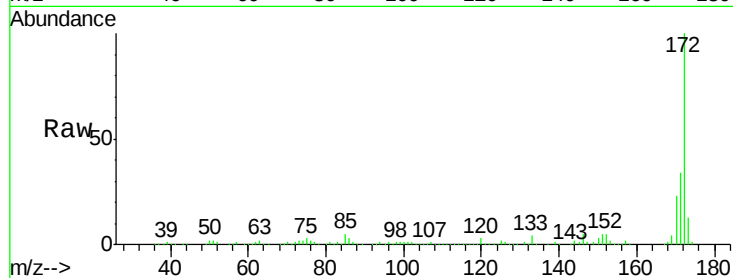
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	124959		
332	98.2	76.1	114.1	
141	33.3	28.5	42.7	





#44
2-Fluorobiphenyl
Concen: 88.18 ng
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

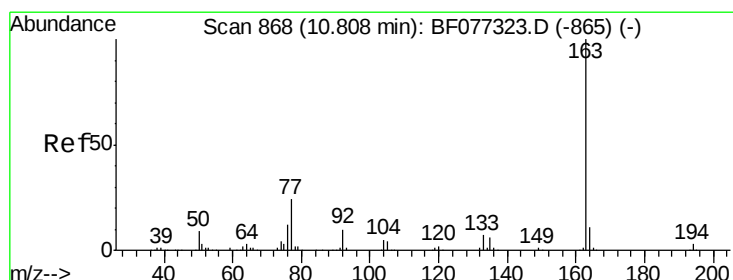
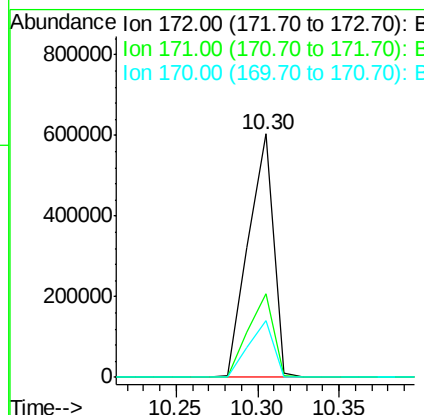
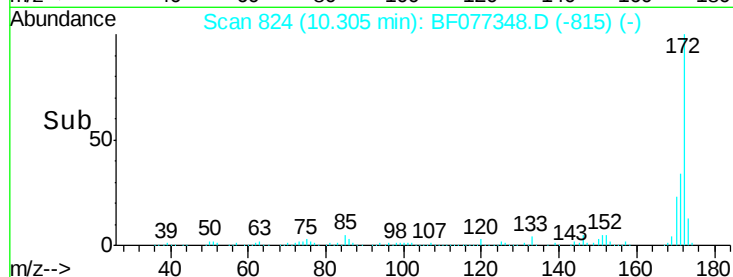
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.4	28.9	43.3
170	23.2	19.4	29.2

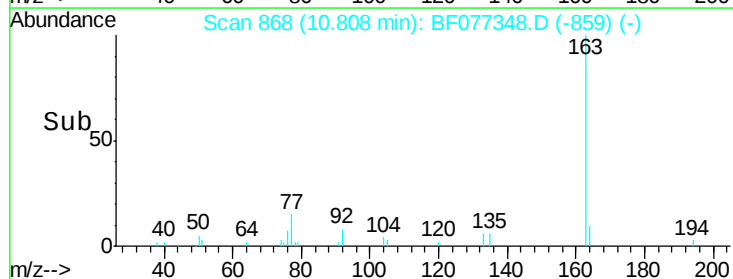
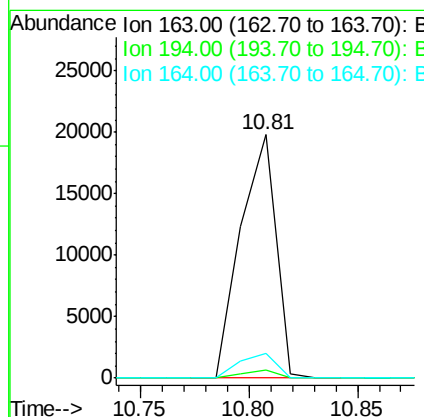
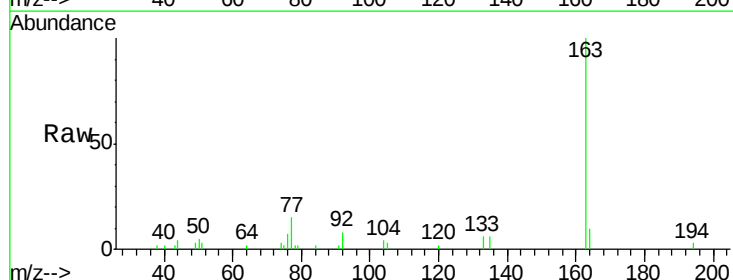
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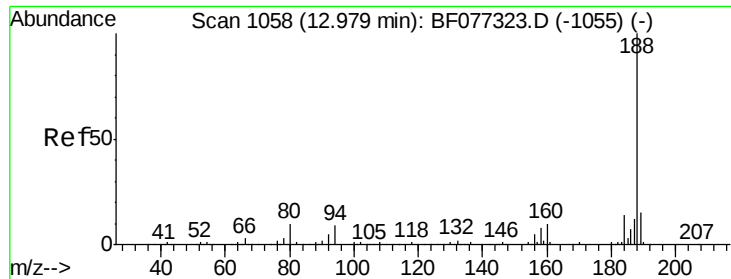
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#49
Dimethylphthalate
Concen: 2.94 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077348.D
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	3.8
164	10.1	8.4	12.6





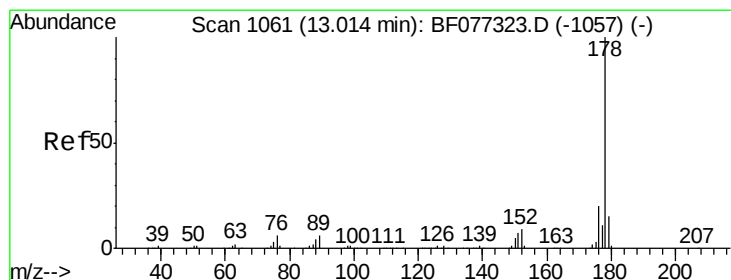
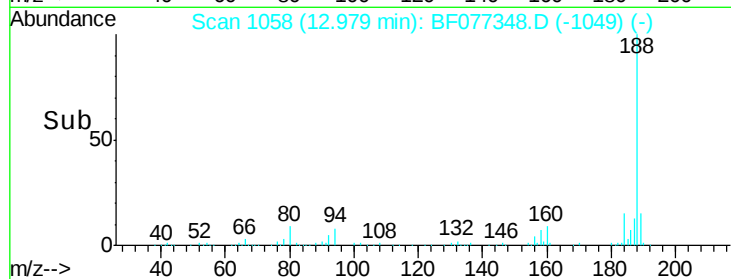
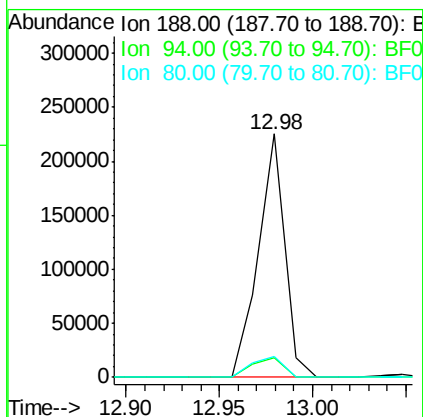
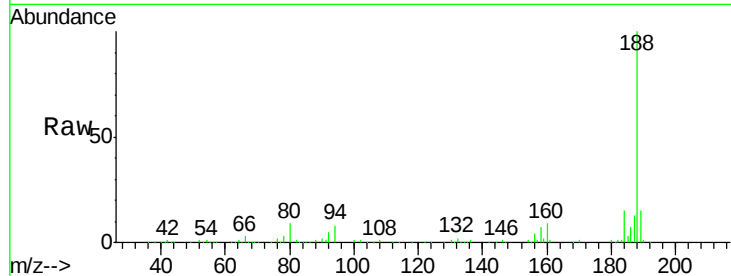
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-04-005-A

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	220264		
94	8.1	7.2	10.8	
80	8.7	7.8	11.8	

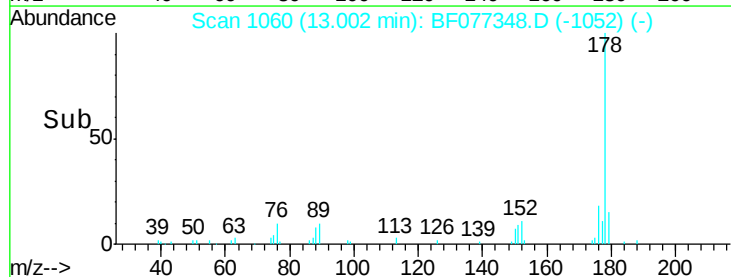
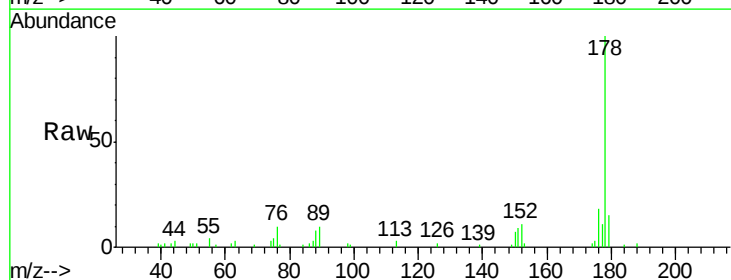
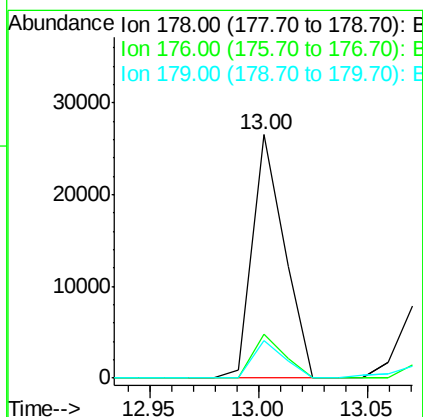
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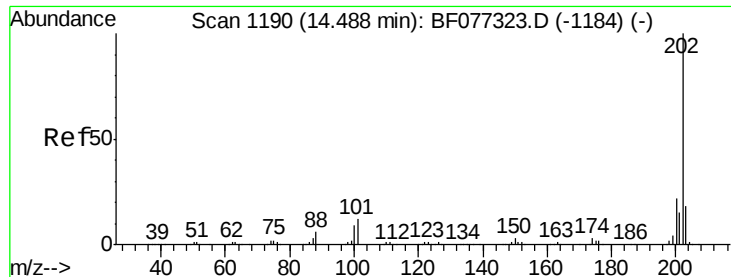
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#70
Phenanthrene
Concen: 2.12 ng
RT: 13.00 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	27170		
176	17.8	15.6	23.4	
179	15.2	12.3	18.5	





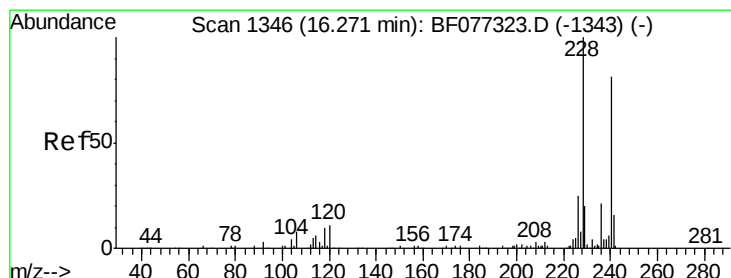
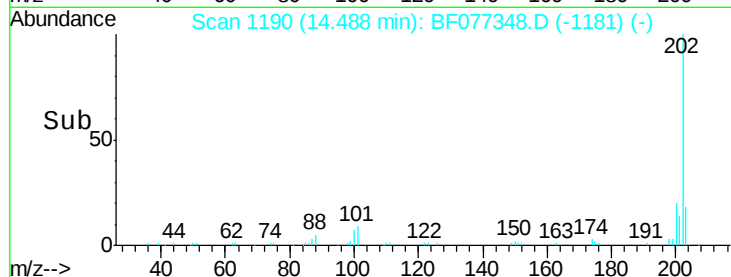
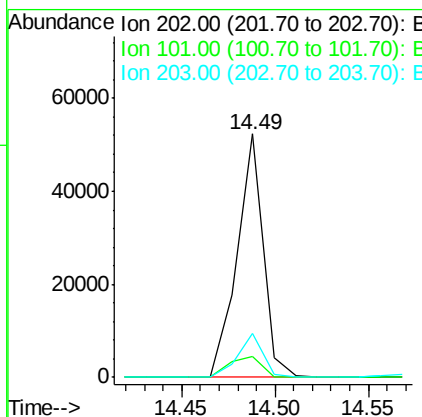
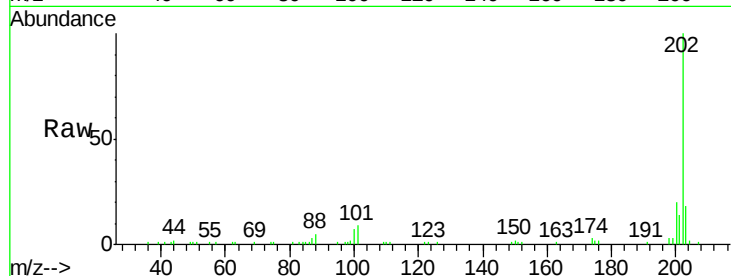
#74
 Fluoranthene
 Concen: 3.96 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF077348.D
 Acq: 18 Feb 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-005-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	0.0	32.4
203	17.9	0.0	37.7

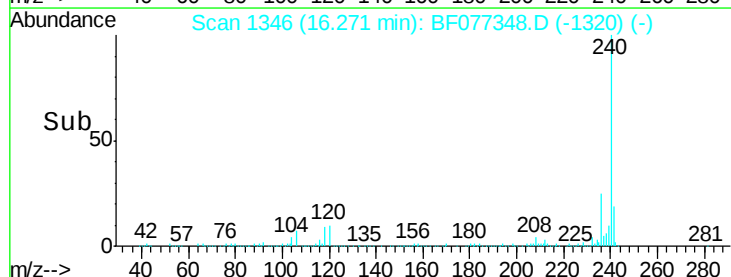
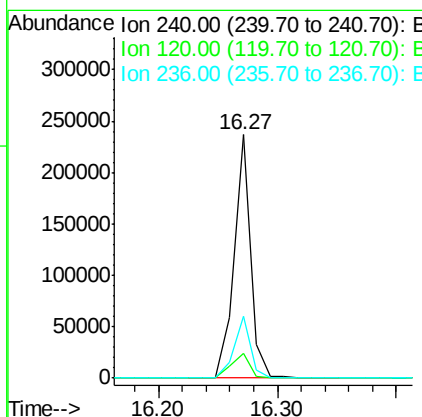
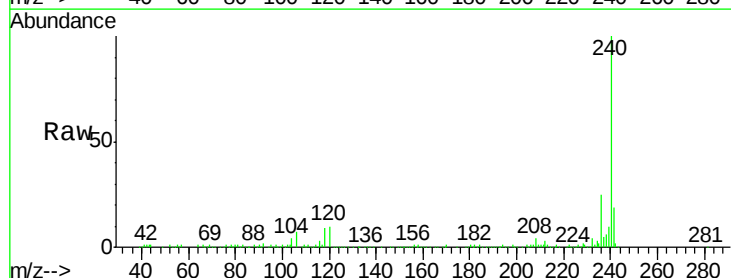
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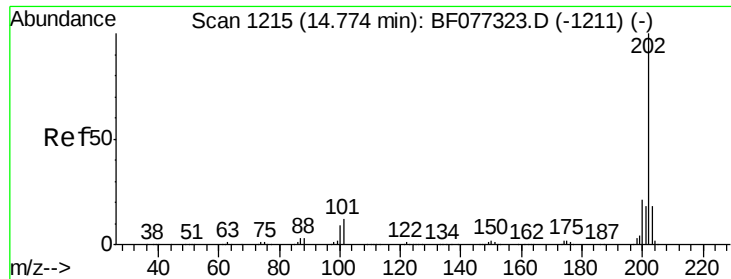
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.27 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF077348.D
 Acq: 18 Feb 2015 7:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.3	11.3	16.9#
236	25.3	20.3	30.5





#77

Pyrene

Concen: 3.13 ng

RT: 14.76 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF077348.D

Acq: 18 Feb 2015 7:54

Instrument :

BNA_F

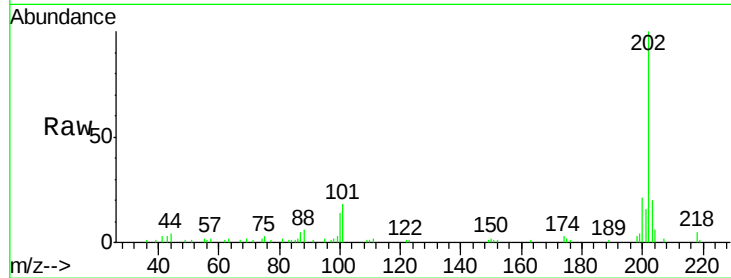
ClientSampleId :

FK-GF-04-005-A

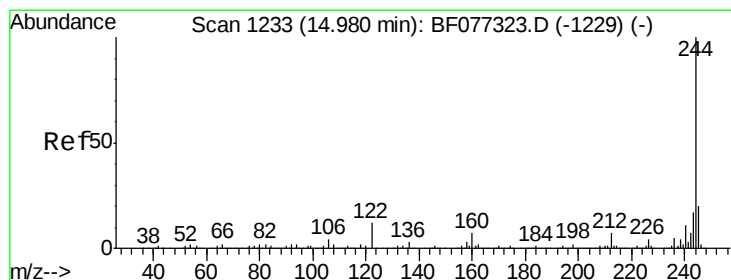
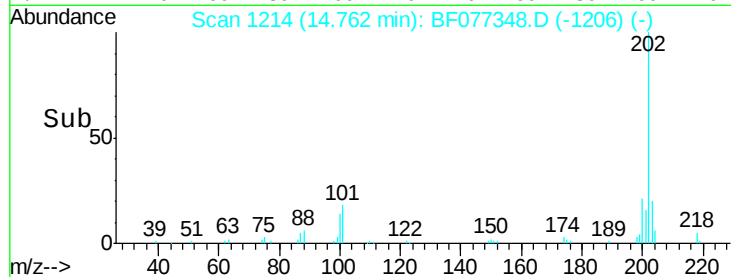
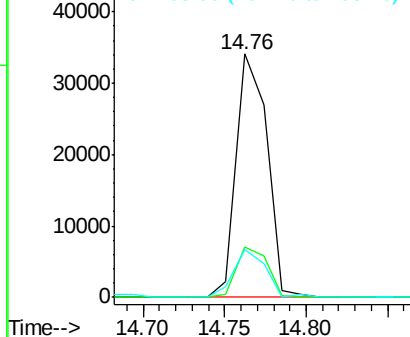
Tgt Ion:	202	Resp:	44280
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.4
203	19.5	14.2	21.4

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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: 72.73 ng

RT: 14.98 min Scan# 1233

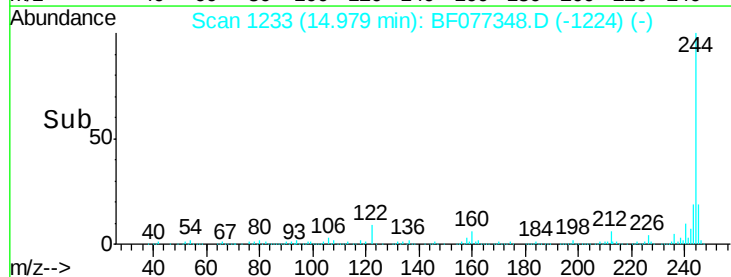
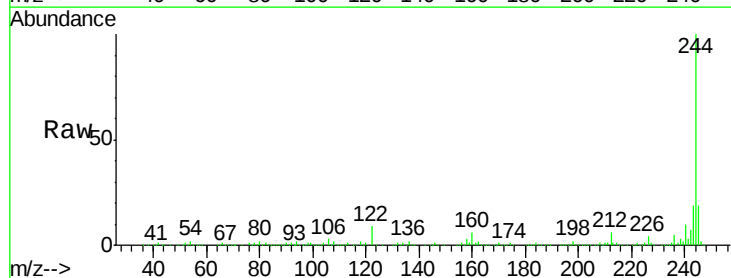
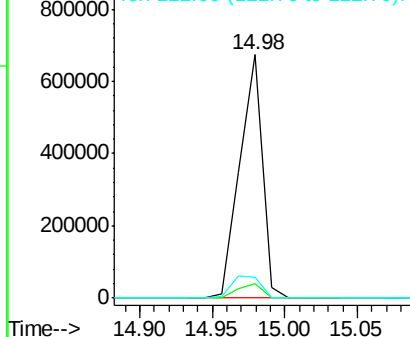
Delta R.T. -0.00 min

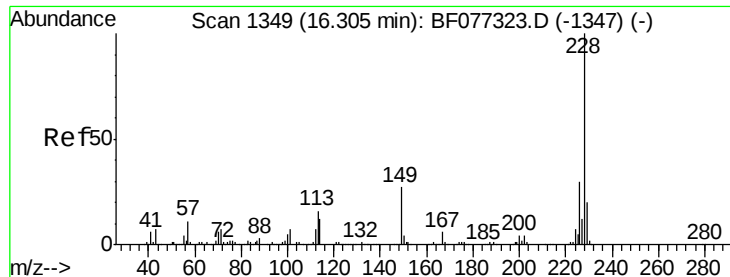
Lab File: BF077348.D

Acq: 18 Feb 2015 7:54

Tgt Ion:	244	Resp:	731385
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.4	8.0
122	8.7	9.3	13.9#

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





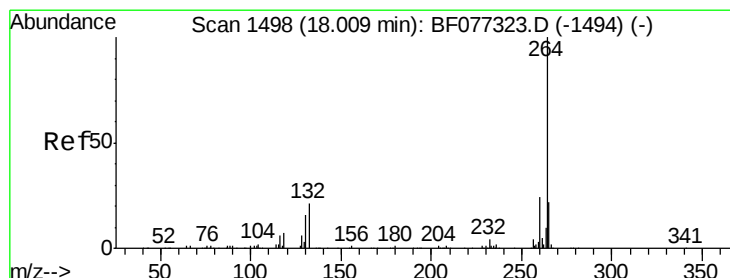
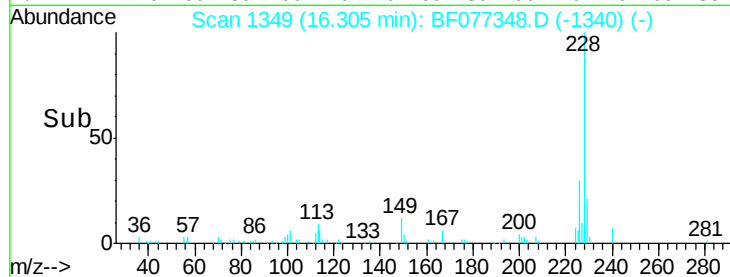
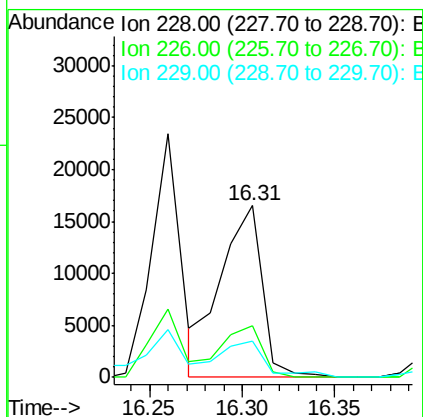
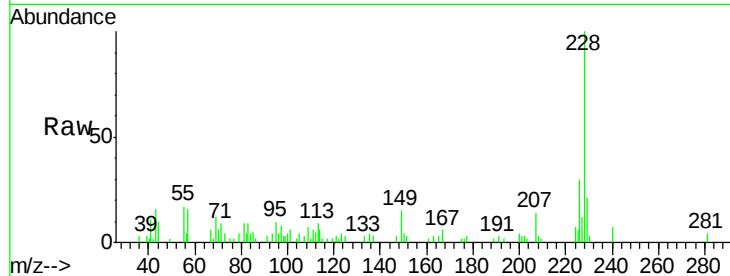
#82
Chrysene
Concen: 2.06 ng m
RT: 16.31 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

Instrument :
BNA_F
ClientSampleId :
FK-GF-04-005-A

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	21.0	16.2	24.2

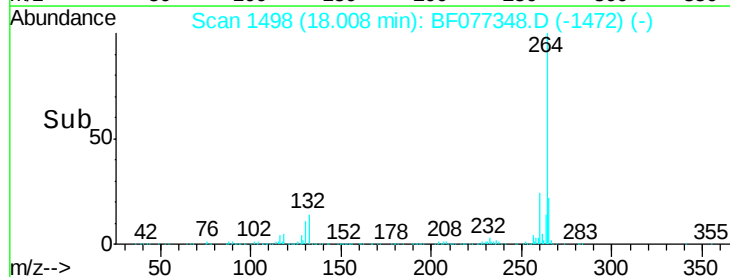
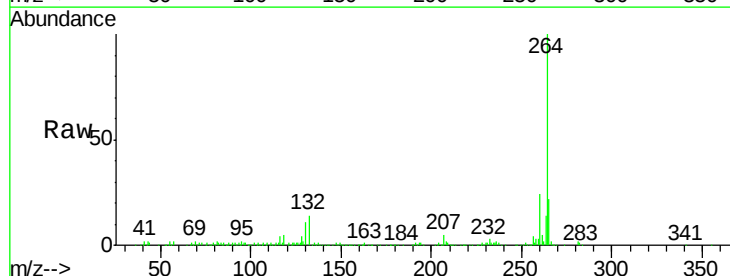
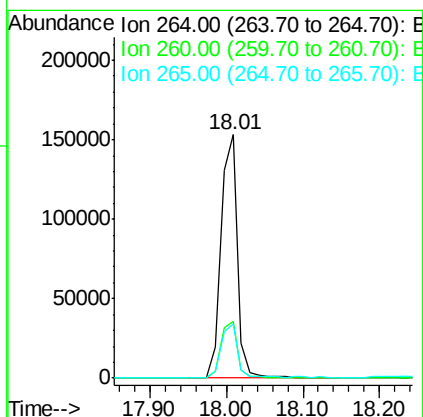
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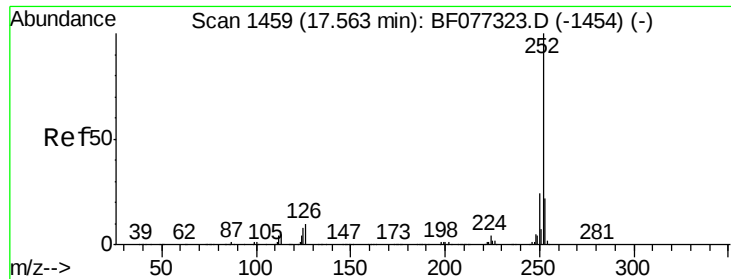
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#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BF077348.D
Acq: 18 Feb 2015 7:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.2	17.7	26.5





#87
 Benzo(b)fluoranthene
 Concen: 2.19 ng m
 RT: 17.55 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF077348.D
 Acq: 18 Feb 2015 7:54

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-04-005-A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	13.9	6.1	9.1

Manual Integrations
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