

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
 Data File : BF077939.D
 Acq On : 25 Mar 2015 6:29
 Operator : TP/IZ
 Sample : G1615-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-1

Manual Integrations
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Quant Time: Mar 25 07:23:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 04:36:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	44750	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	187981	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	95839	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	182485	20.00	ng	0.01
75) Chrysene-d12	16.00	240	200607	20.00	ng	0.01
86) Perylene-d12	17.79	264	198033	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	236584	92.28	ng	0.00
7) Phenol-d6	6.69	99	303693	95.88	ng	0.00
23) Nitrobenzene-d5	7.81	82	183768	64.08	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	76107	83.00	ng	0.01
44) 2-Fluorobiphenyl	10.04	172	365069	55.98	ng	0.00
78) Terphenyl-d14	14.69	244	392138	47.75	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.56	163	28478	4.01	ng	99
74) Fluoranthene	14.20	202	40520	3.51	ng	96
77) Pyrene	14.48	202	43476	3.45	ng	97
80) Benzo(a)anthracene	15.99	228	39938m	3.36	ng	
82) Chrysene	16.03	228	39799	3.72	ng	97
85) Indeno(1,2,3-cd)pyrene	19.17	276	32427	2.43	ng	# 100
87) Benzo(b)fluoranthene	17.32	252	72537m	5.61	ng	
88) Benzo(k)fluoranthene	17.36	252	24518m	2.43	ng	
89) Benzo(a)pyrene	17.72	252	48757	4.52	ng	# 92
91) Benzo(g,h,i)perylene	19.57	276	30129	2.77	ng	93

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

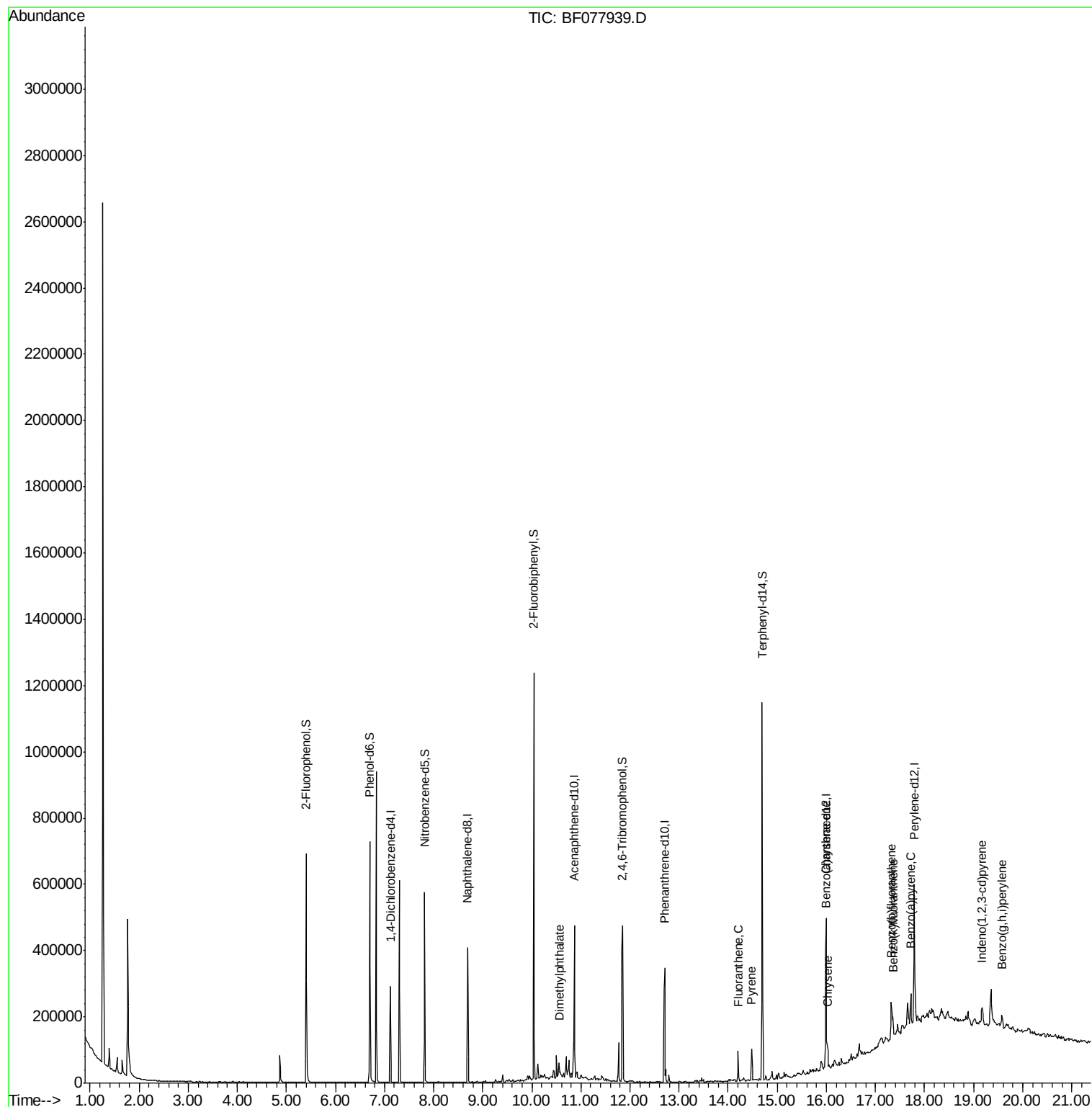
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077939.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

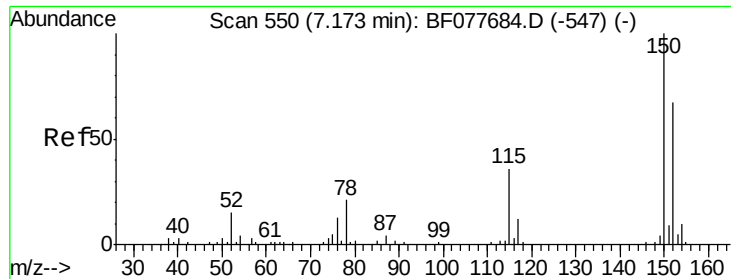
Instrument :
BNA_F
ClientSampleId :
SB-17-1

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Quant Time: Mar 25 07:23:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 04:36:48 2015
Response via : Initial Calibration





#1

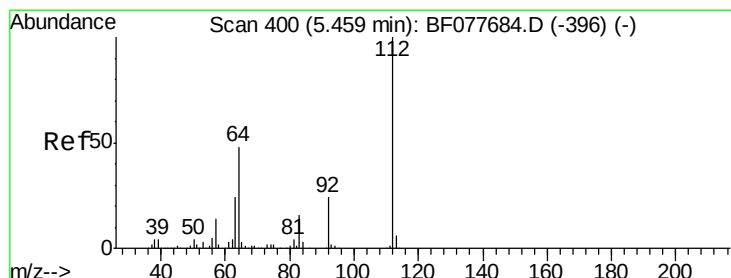
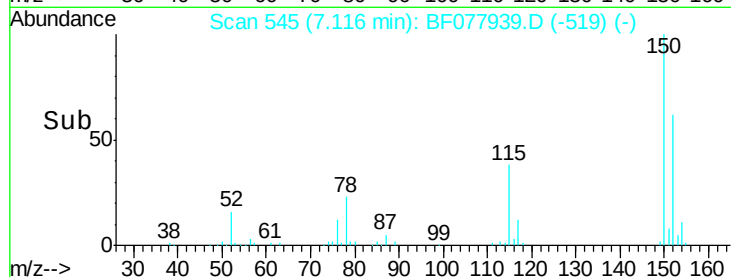
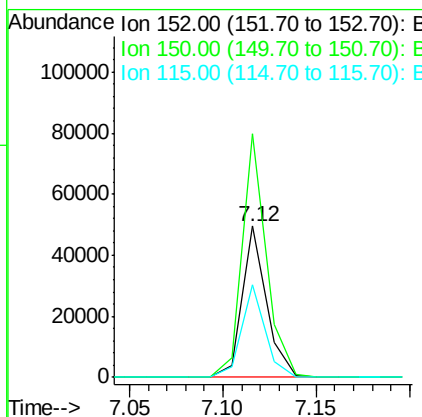
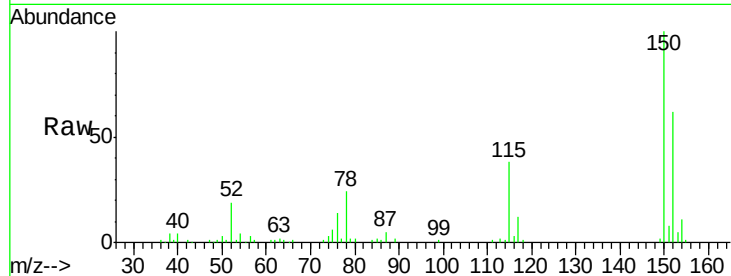
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Instrument :
BNA_F
ClientSampleId :
SB-17-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	44750		
150	161.1	119.5	179.3	
115	61.2	43.0	64.4	

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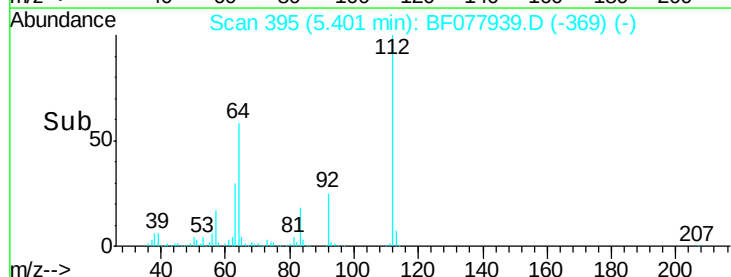
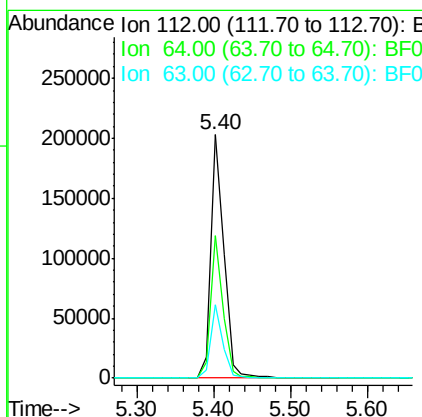
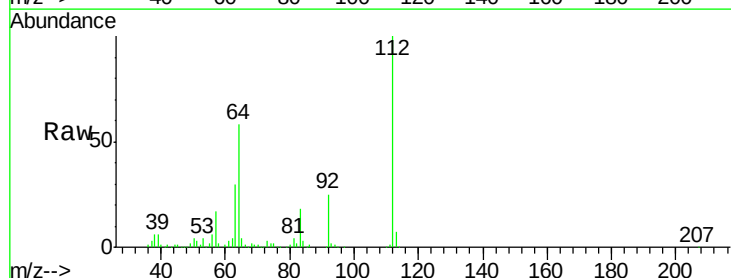
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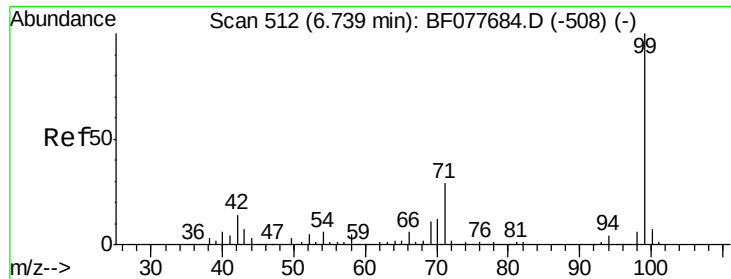


#5

2-Fluorophenol
Concen: 92.28 ng
RT: 5.40 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	236584		
64	58.3	38.6	57.8#	
63	30.1	19.3	28.9#	





#7

Phenol-d6

Concen: 95.88 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

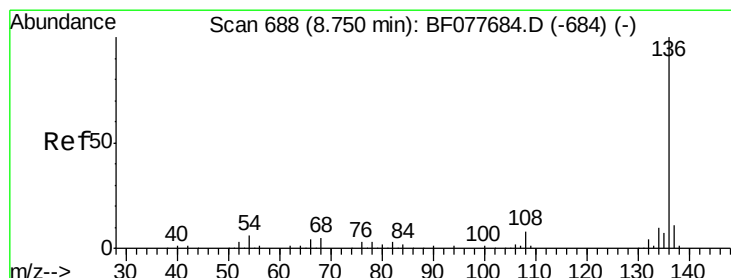
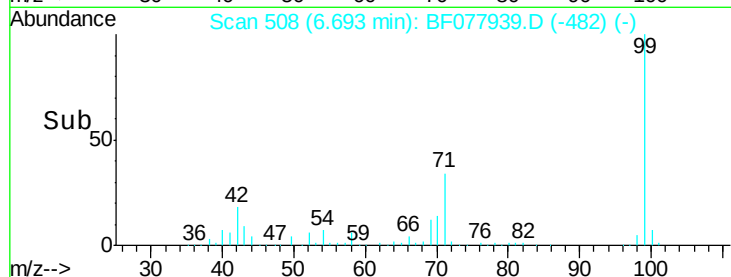
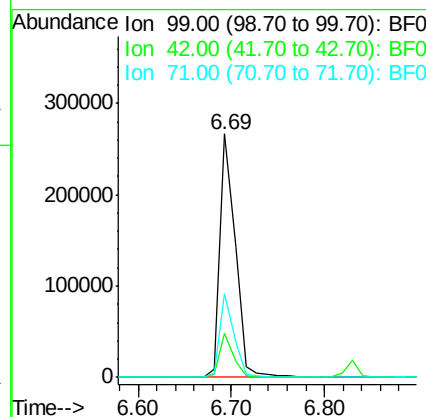
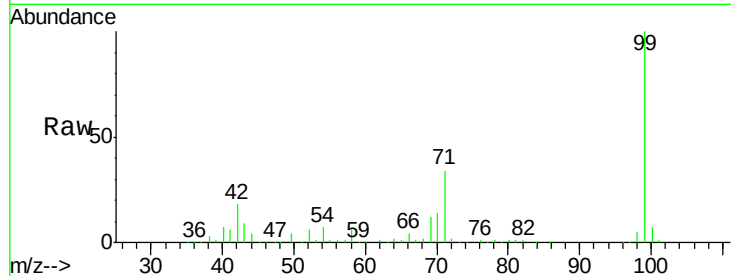
ClientSampleId :

SB-17-1

Tgt Ion:	99	Resp:	303693
Ion Ratio	Lower	Upper	
99	100		
42	18.2	11.0	16.4#
71	34.3	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

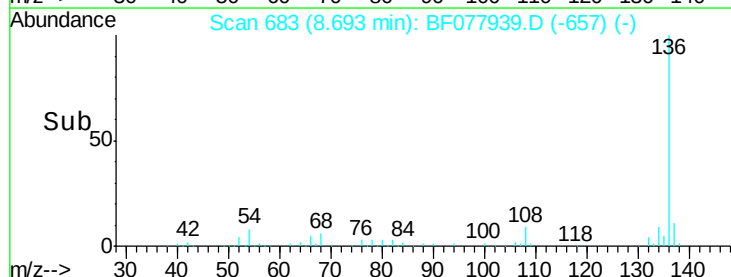
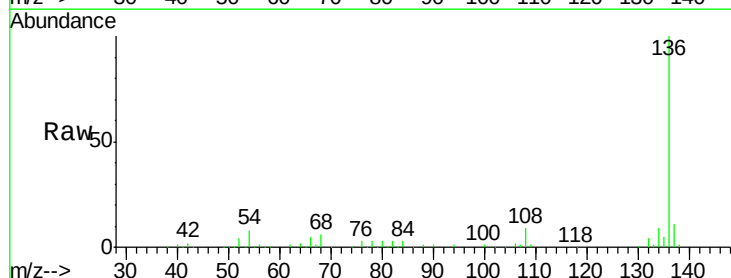
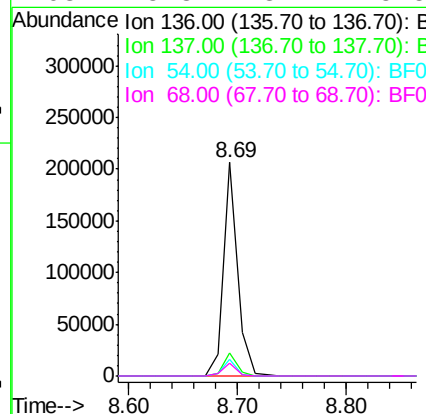
RT: 8.69 min Scan# 683

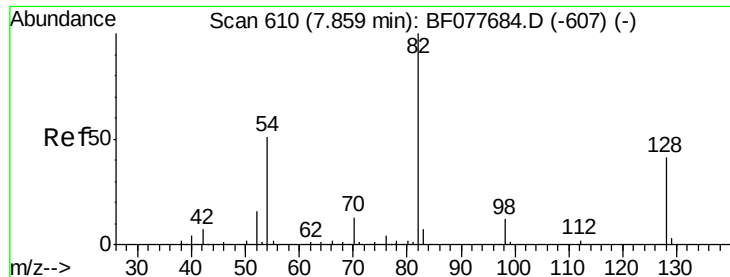
Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Tgt Ion:	136	Resp:	187981
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	7.6	4.6	6.8#
68	5.8	3.7	5.5#





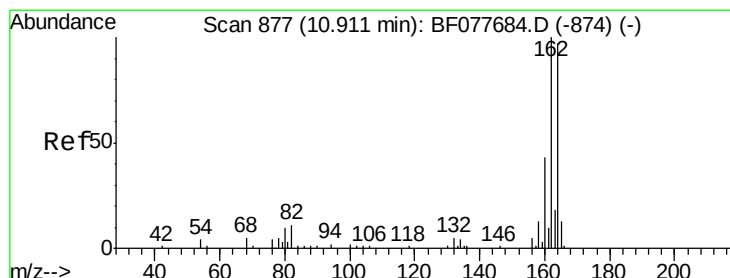
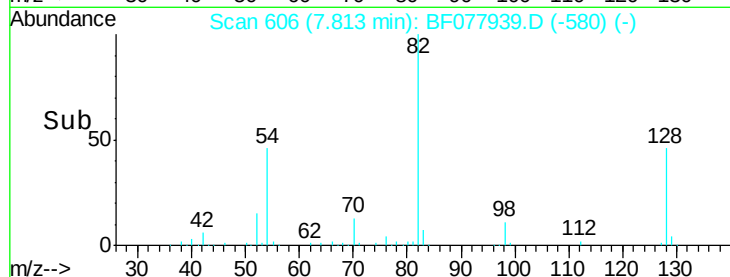
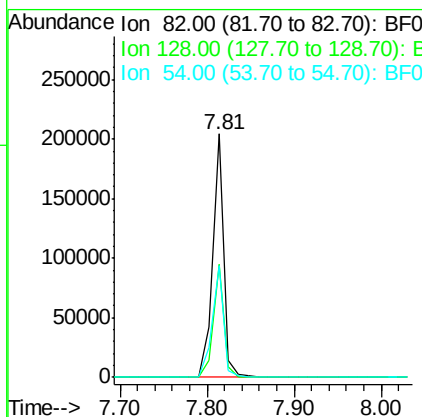
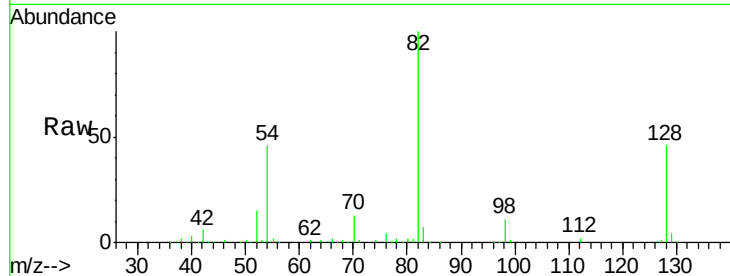
#23
Nitrobenzene-d5
Concen: 64.08 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Instrument :
BNA_F
ClientSampled :
SB-17-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.2	32.8	49.2
54	45.9	40.6	60.8

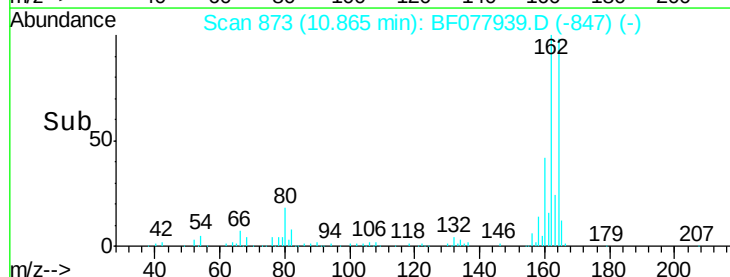
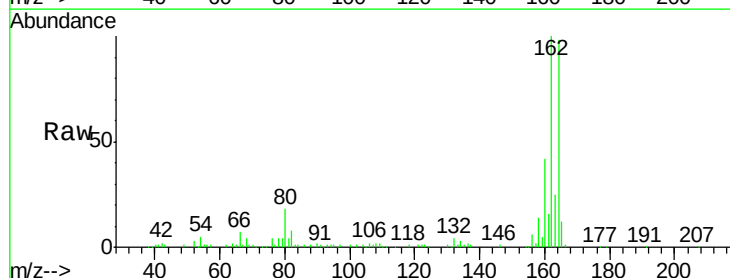
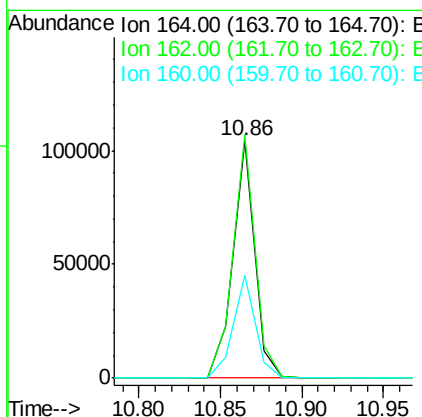
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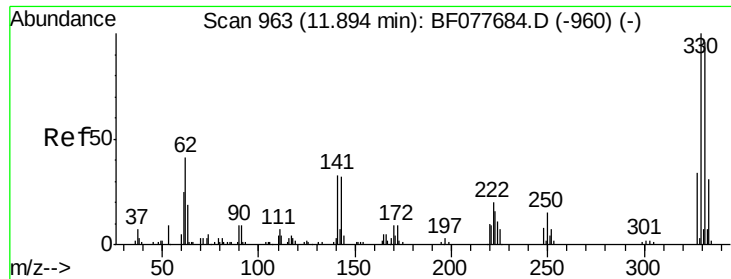
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.4	82.4	123.6
160	43.3	35.8	53.6





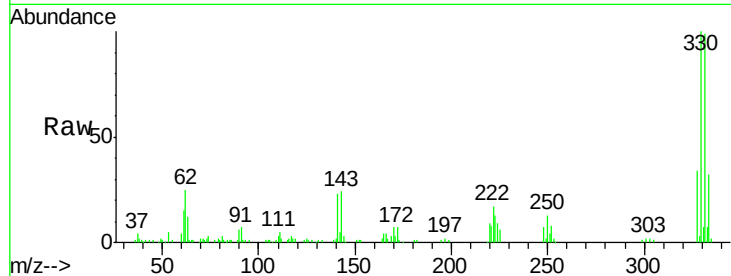
#41
 2,4,6-Tribromophenol
 Concen: 83.00 ng
 RT: 11.85 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

Instrument :
 BNA_F
 ClientSampleID :
 SB-17-1

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	76107		
332	97.5	0.0	0.0	0.0
141	38.1	0.0	0.0	0.0

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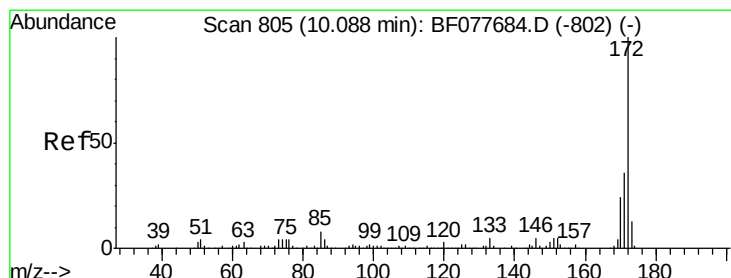
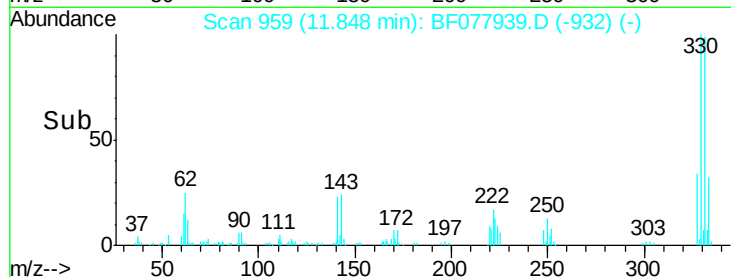
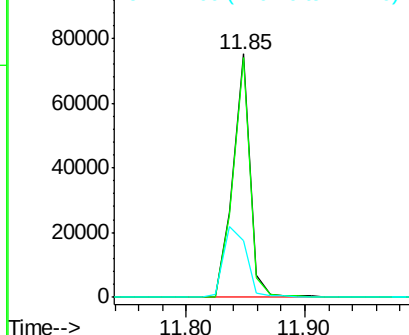


Abundance

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



#44
 2-Fluorobiphenyl
 Concen: 55.98 ng
 RT: 10.04 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

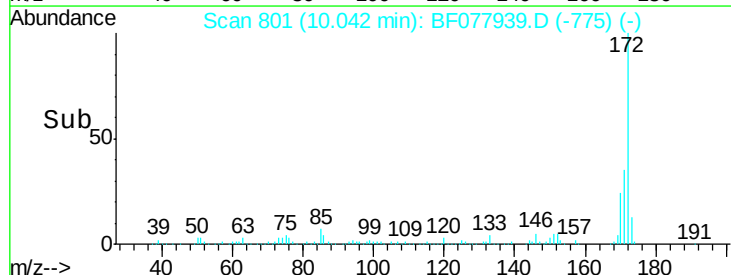
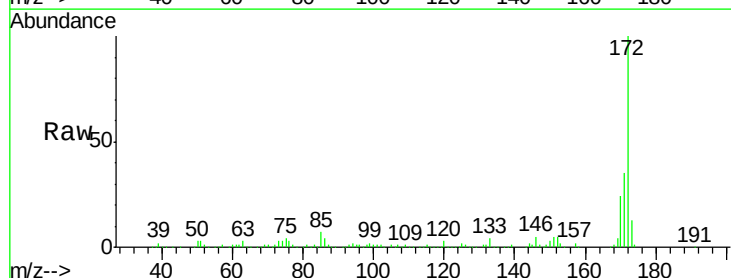
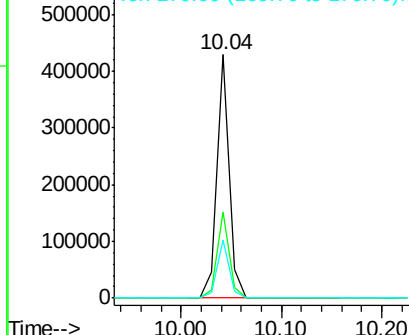
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	365069		
171	35.5	28.5	42.7	
170	23.8	18.8	28.2	

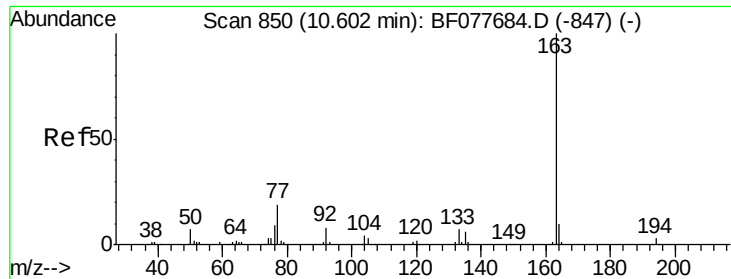
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





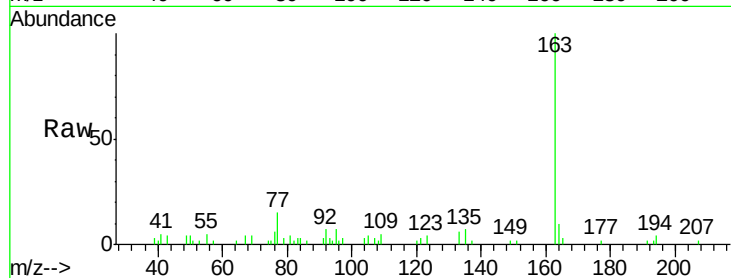
#49
Dimethylphthalate
Concen: 4.01 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Instrument :
BNA_F
ClientSampleId :
SB-17-1

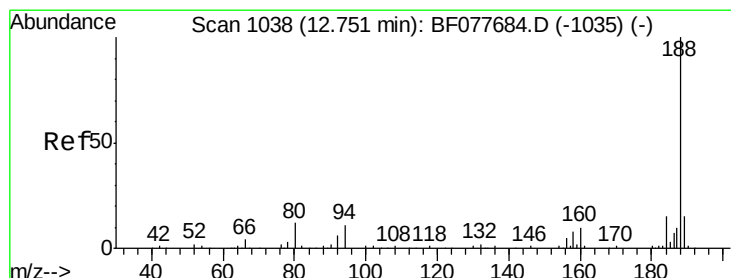
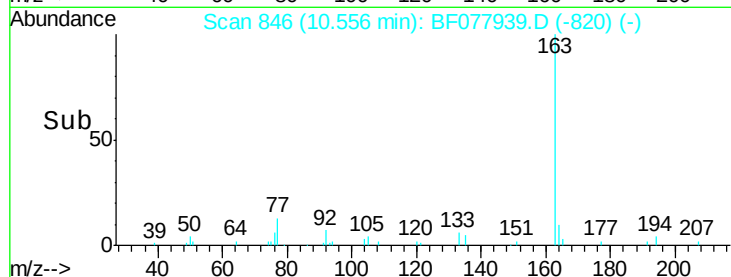
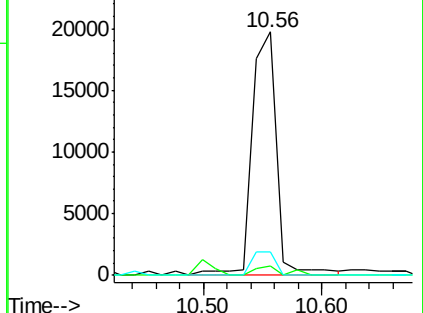
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	28478		
194	3.6	2.7	4.1	
164	9.8	8.2	12.2	

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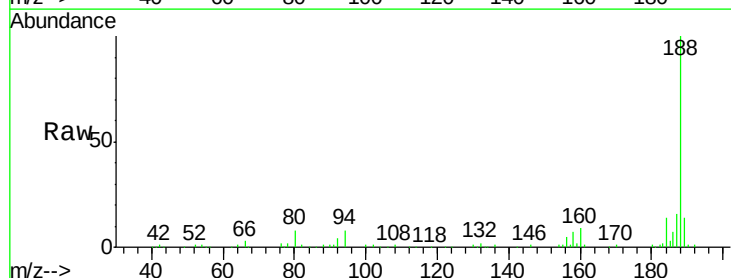


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

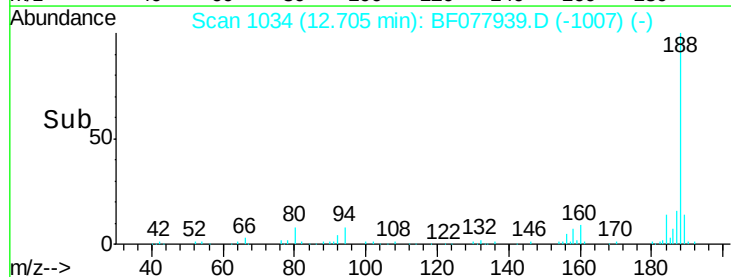
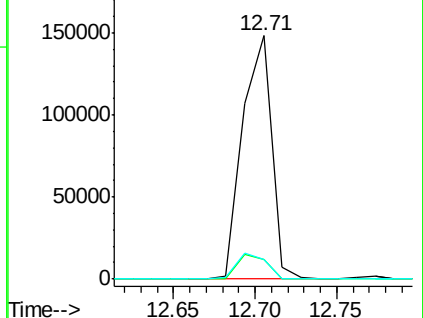


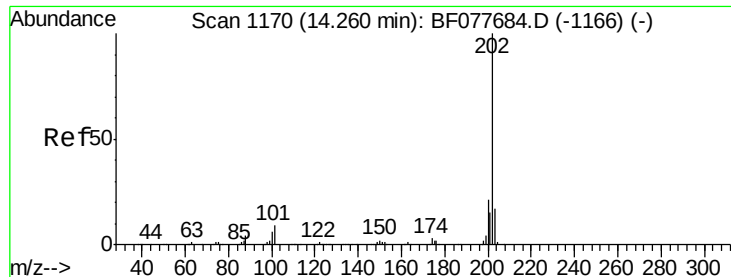
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	182485		
94	8.0	8.7	13.1#	
80	8.1	9.3	13.9#	



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





#74

Fluoranthene

Concen: 3.51 ng

RT: 14.20 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

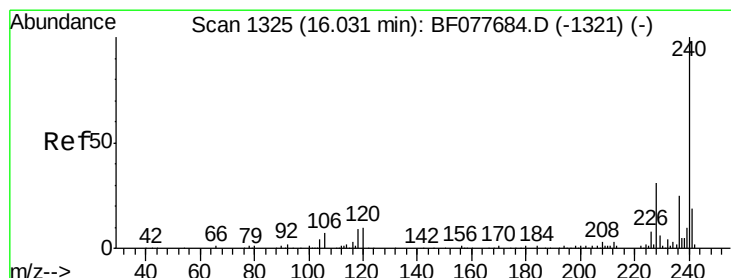
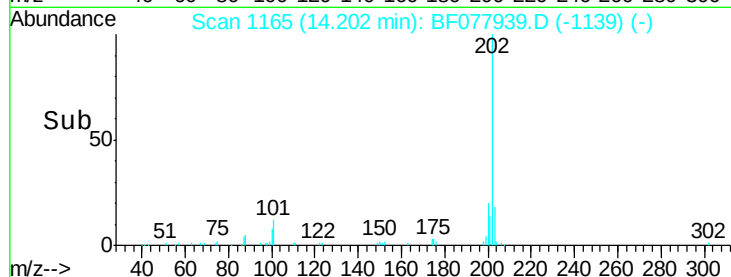
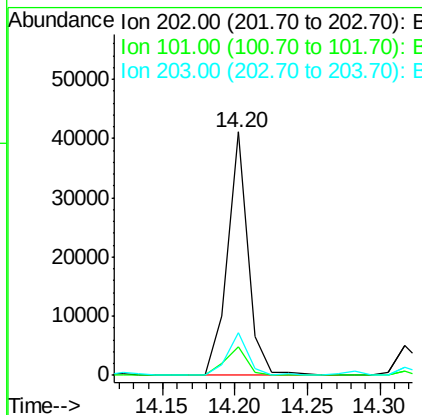
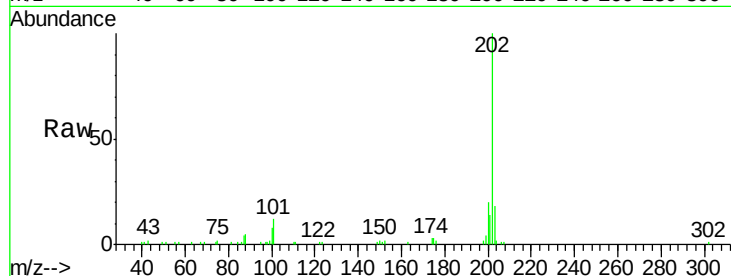
ClientSampled :

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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	40520		
101	11.9	0.0	28.7	
203	17.6	0.0	37.2	

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#75

Chrysene-d12

Concen: 20.00 ng

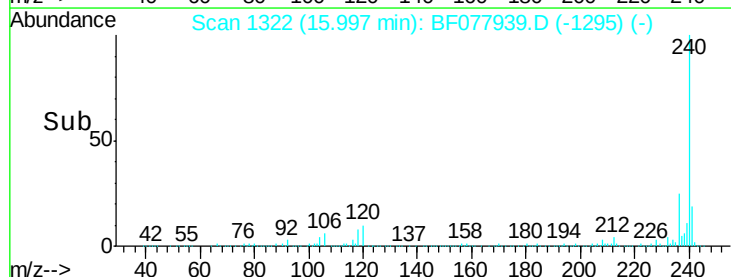
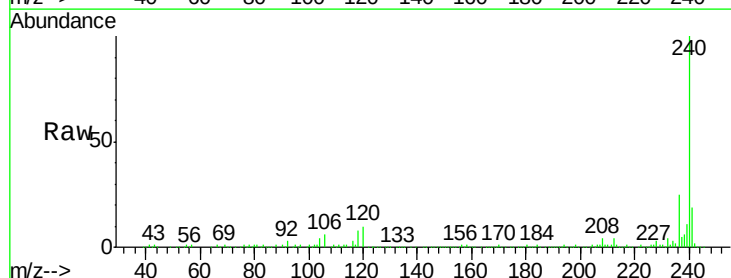
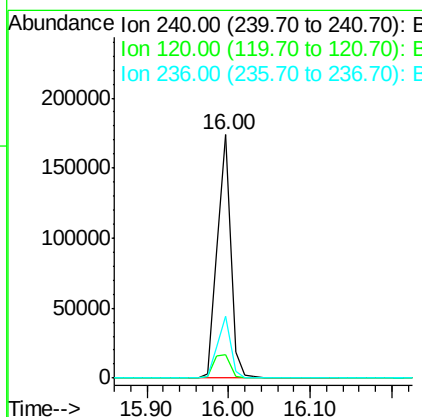
RT: 16.00 min Scan# 1322

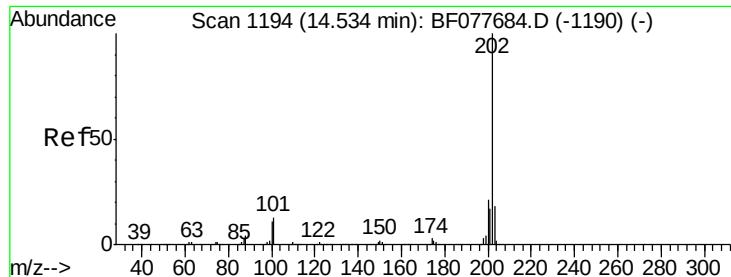
Delta R.T. 0.01 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	200607		
120	9.6	8.2	12.2	
236	25.2	20.0	30.0	





#77

Pyrene

Concen: 3.45 ng

RT: 14.48 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

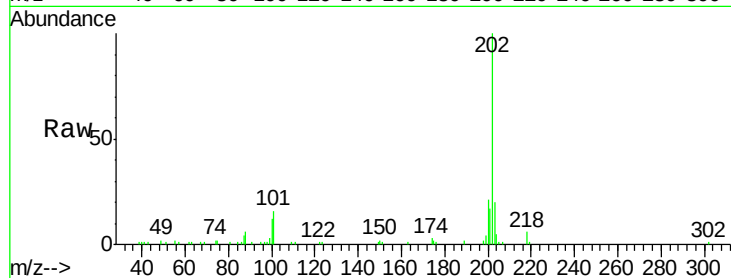
ClientSampled :

SB-17-1

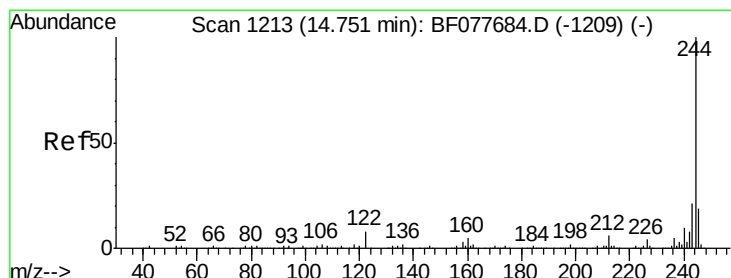
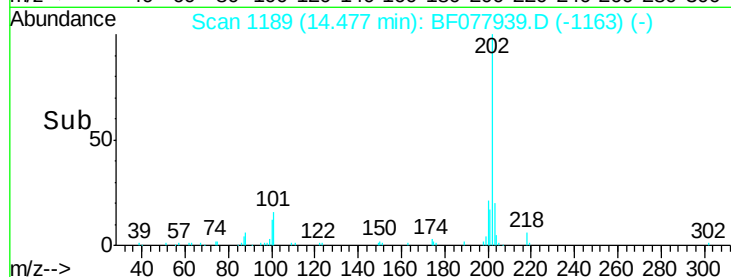
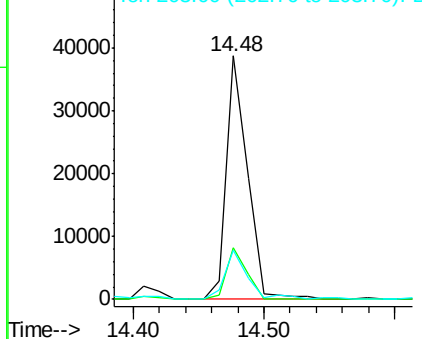
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	20.2	14.1	21.1

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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



#78

Terphenyl-d14

Concen: 47.75 ng

RT: 14.69 min Scan# 1208

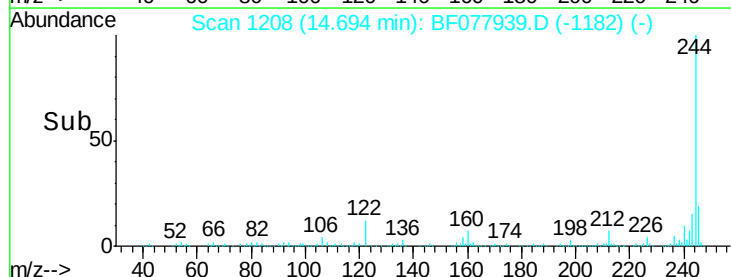
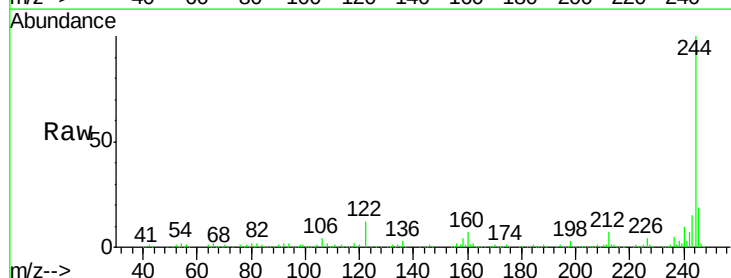
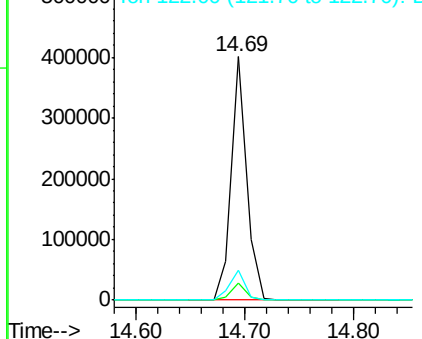
Delta R.T. -0.00 min

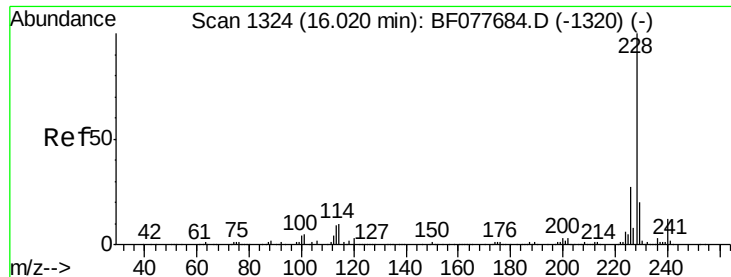
Lab File: BF077939.D

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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.9	7.3
122	12.4	6.2	9.4#

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





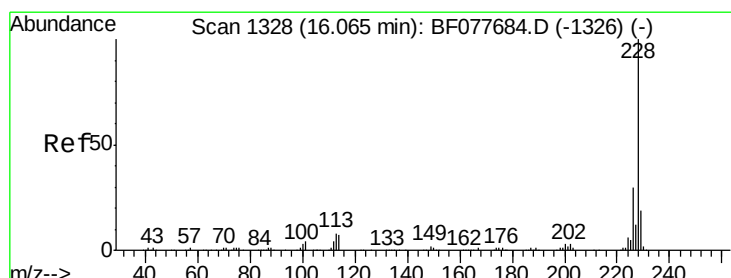
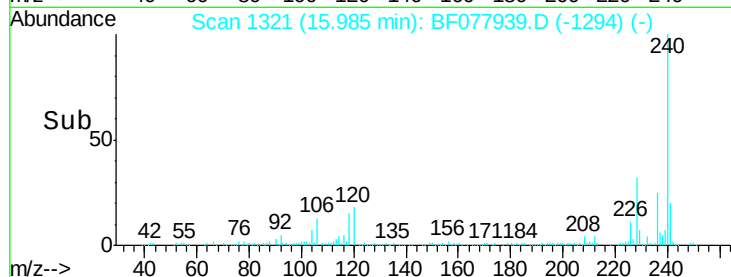
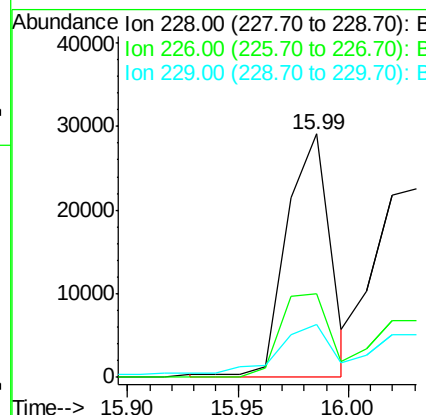
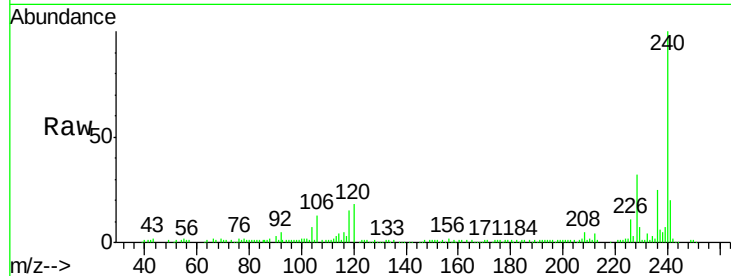
#80
Benzo(a)anthracene
Concen: 3.36 ng m
RT: 15.99 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Instrument :
BNA_F
ClientSampleId :
SB-17-1

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	39938		
226	34.4	21.7	32.5#	
229	21.8	16.0	24.0	

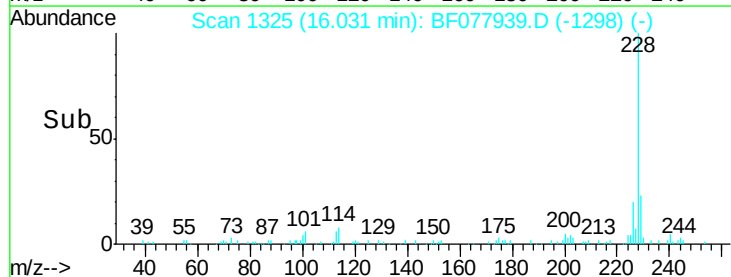
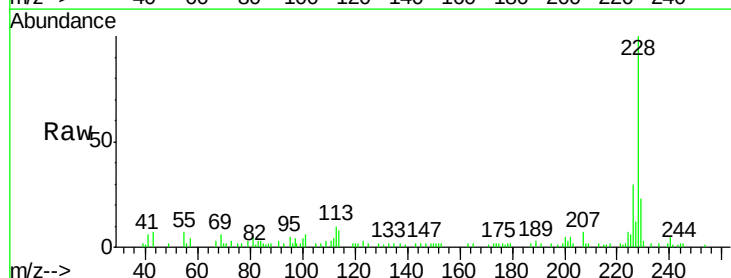
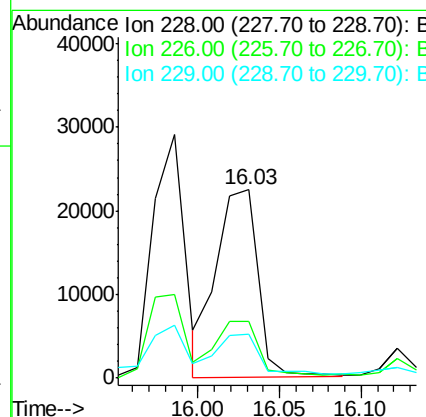
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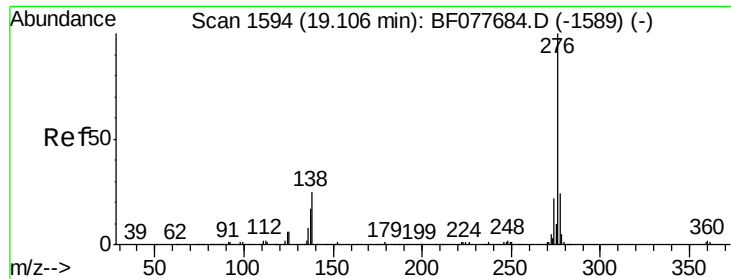
mohammad
3/25/2015 5:01:30 PM



#82
Chrysene
Concen: 3.72 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF077939.D
Acq: 25 Mar 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	39799		
226	30.4	24.1	36.1	
229	23.0	15.5	23.3	





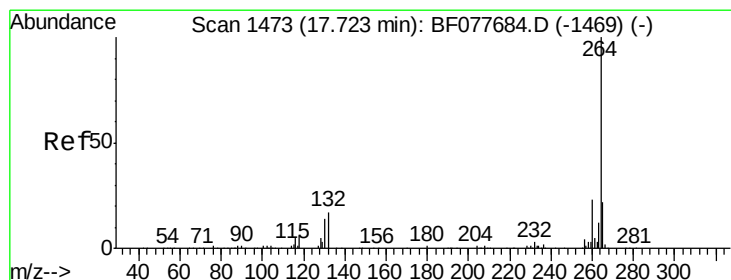
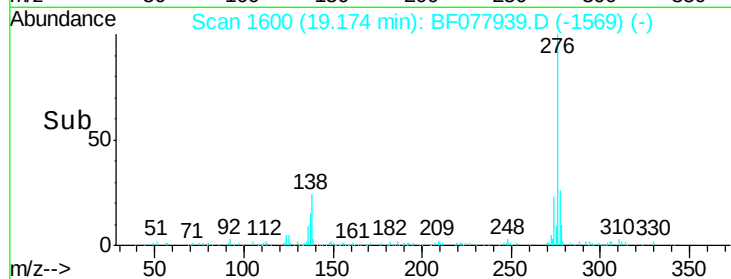
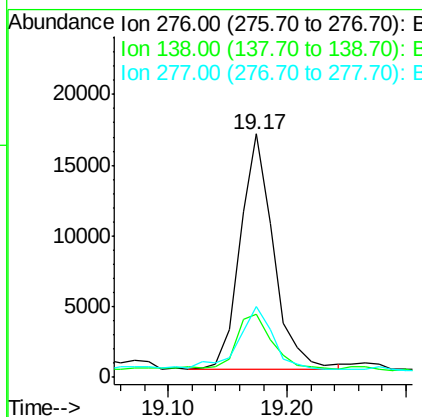
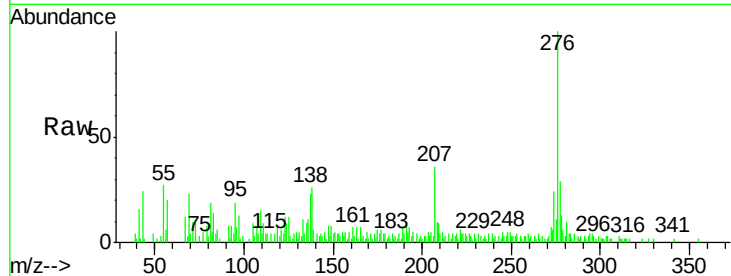
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.43 ng
 RT: 19.17 min Scan# 1600
 Delta R.T. 0.06 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-1

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.0	0.0	0.0#
277	28.4	0.0	0.0#

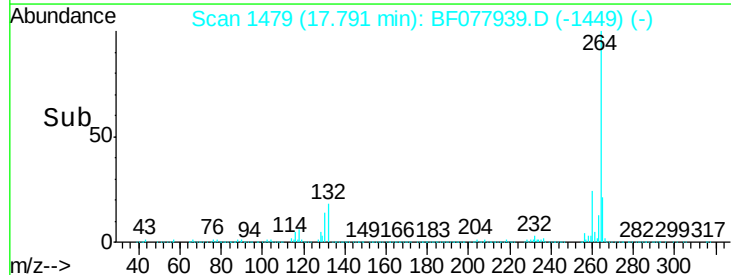
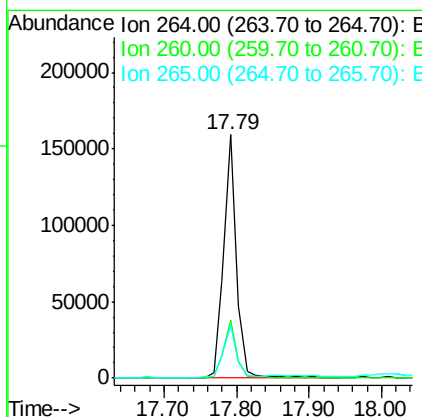
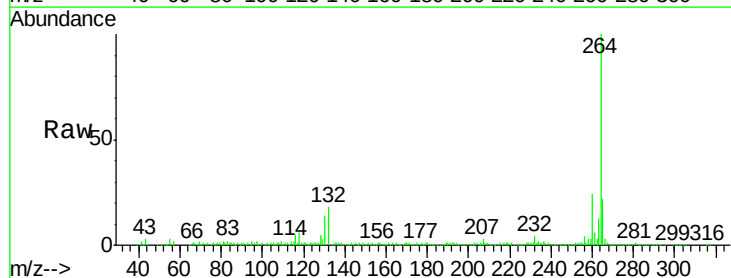
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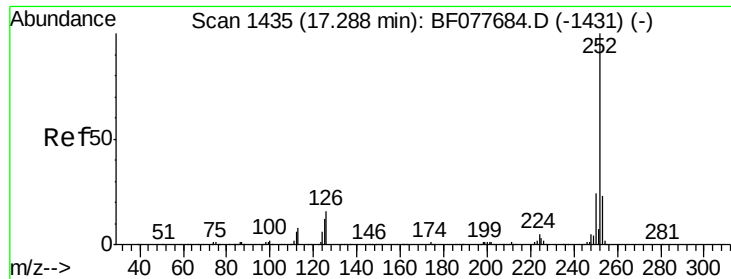
mohammad
 3/25/2015 5:01:30 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1479
 Delta R.T. 0.05 min
 Lab File: BF077939.D
 Acq: 25 Mar 2015 6:29

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 5.61 ng m

RT: 17.32 min Scan# 1438

Delta R.T. 0.03 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

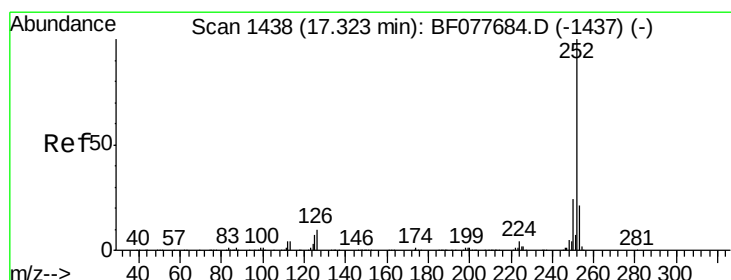
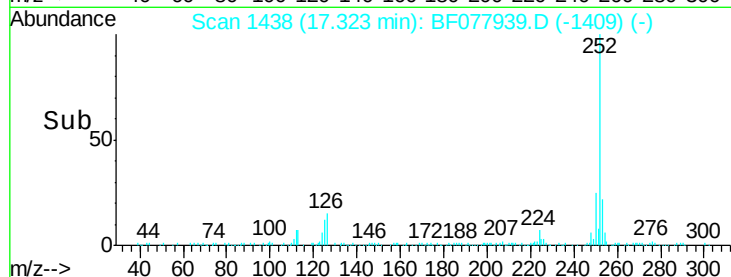
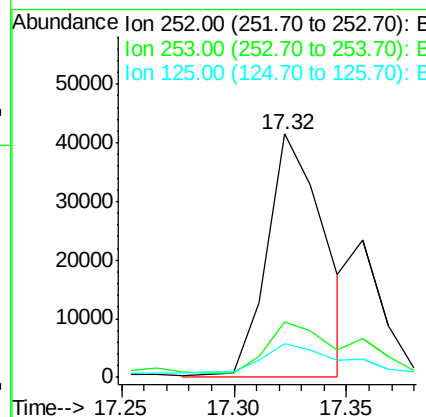
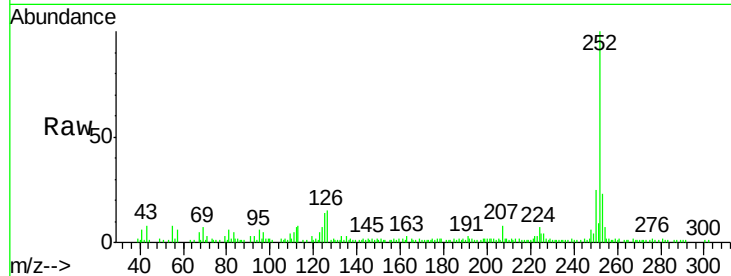
ClientSampleId :

SB-17-1

Tgt Ion:	252	Resp:	72537
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	13.6	9.9	14.9

Manual Integrations
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3/25/2015 5:01:30 PM



#88

Benzo(k)fluoranthene

Concen: 2.43 ng m

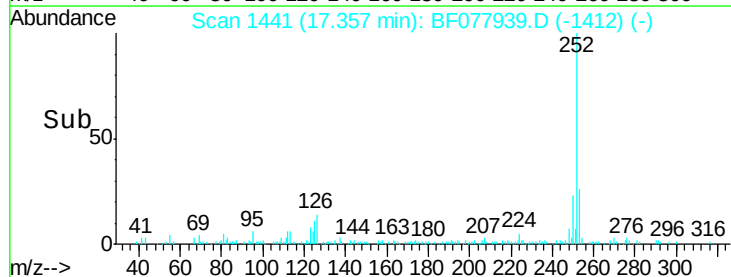
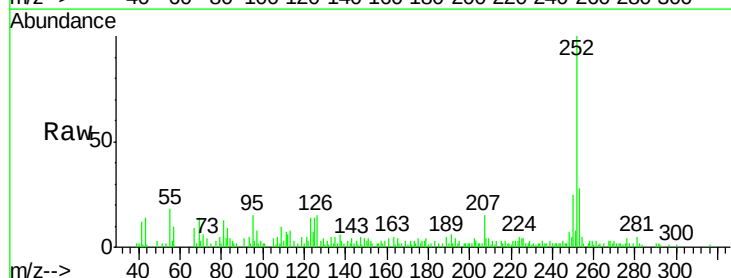
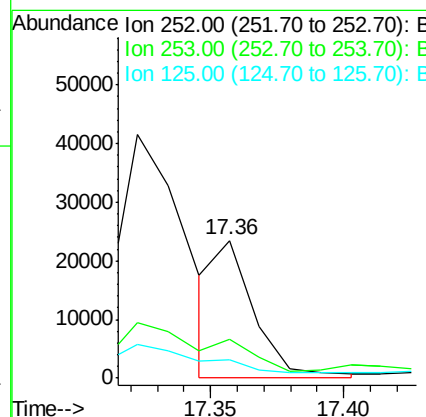
RT: 17.36 min Scan# 1441

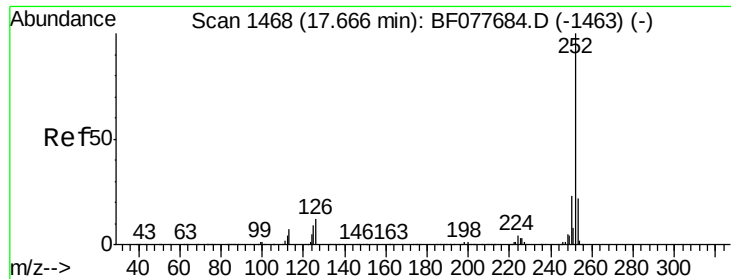
Delta R.T. 0.03 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Tgt Ion:	252	Resp:	24518
Ion Ratio	Lower	Upper	
252	100		
253	28.3	17.2	25.8#
125	13.7	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 4.52 ng

RT: 17.72 min Scan# 1473

Delta R.T. 0.05 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Instrument :

BNA_F

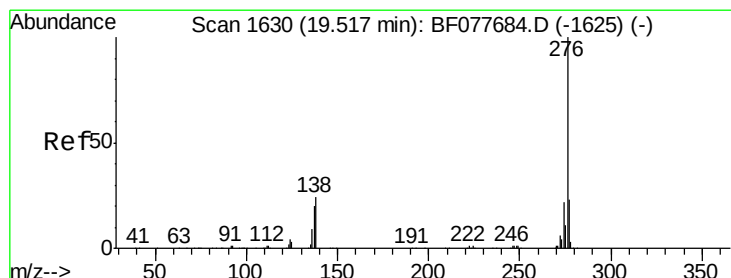
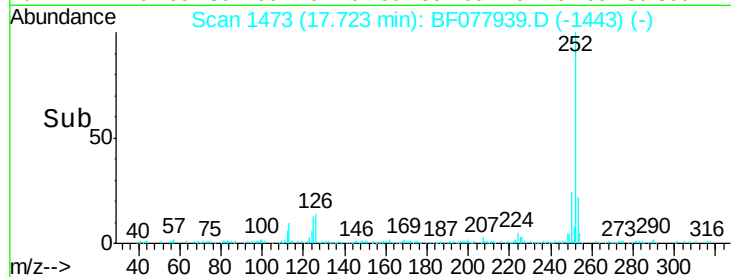
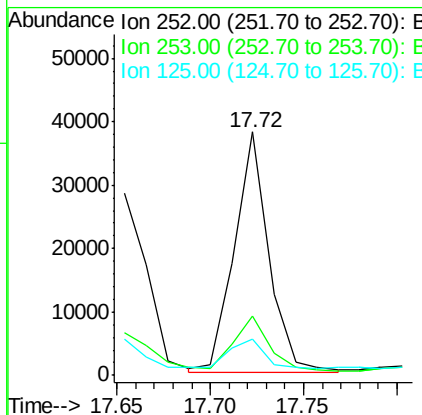
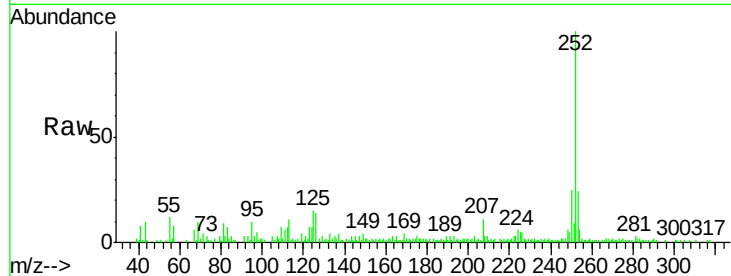
ClientSampleId :

SB-17-1

Tgt Ion:	252	Resp:	48757
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.6	26.4
125	14.9	7.4	11.2#

Manual Integrations
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mohammad
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#91

Benzo(g,h,i)perylene

Concen: 2.77 ng

RT: 19.57 min Scan# 1635

Delta R.T. 0.06 min

Lab File: BF077939.D

Acq: 25 Mar 2015 6:29

Tgt Ion:	276	Resp:	30129
Ion Ratio	Lower	Upper	
276	100		
277	27.3	18.5	27.7
138	26.6	19.0	28.6

