

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
 Data File : BF077607.D
 Acq On : 5 Mar 2015 5:56
 Operator : TP/IZ
 Sample : G1424-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB17

Manual Integrations
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Quant Time: Mar 05 11:43:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 13:27:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	65614	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	265801	20.00	ng	0.00
38) Acenaphthene-d10	10.97	164	128304	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	247414	20.00	ng	0.00
75) Chrysene-d12	16.10	240	286178	20.00	ng	-0.01
86) Perylene-d12	17.82	264	257721	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	207990	52.92	ng	0.00
7) Phenol-d6	6.79	99	381071	75.41	ng	0.00
23) Nitrobenzene-d5	7.91	82	241400	56.48	ng	0.00
41) 2,4,6-Tribromophenol	11.95	330	13165	10.66	ng	0.00
44) 2-Fluorobiphenyl	10.15	172	495544	60.22	ng	0.00
78) Terphenyl-d14	14.81	244	555962	45.42	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.65	163	33100	3.67	ng	100
70) Phenanthrene	12.84	178	59268	4.13	ng	99
74) Fluoranthene	14.32	202	212022	13.54	ng	98
77) Pyrene	14.60	202	204646	11.69	ng	99
80) Benzo(a)anthracene	16.09	228	101322	6.04	ng	95
82) Chrysene	16.12	228	98995m	6.29	ng	
85) Indeno(1,2,3-cd)pyrene	19.25	276	57736	3.22	ng	99
87) Benzo(b)fluoranthene	17.38	252	116302m	7.76	ng	
88) Benzo(k)fluoranthene	17.40	252	46322m	3.15	ng	
89) Benzo(a)pyrene	17.75	252	85369	5.98	ng	# 92
91) Benzo(g,h,i)perylene	19.67	276	58696	4.27	ng	97

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

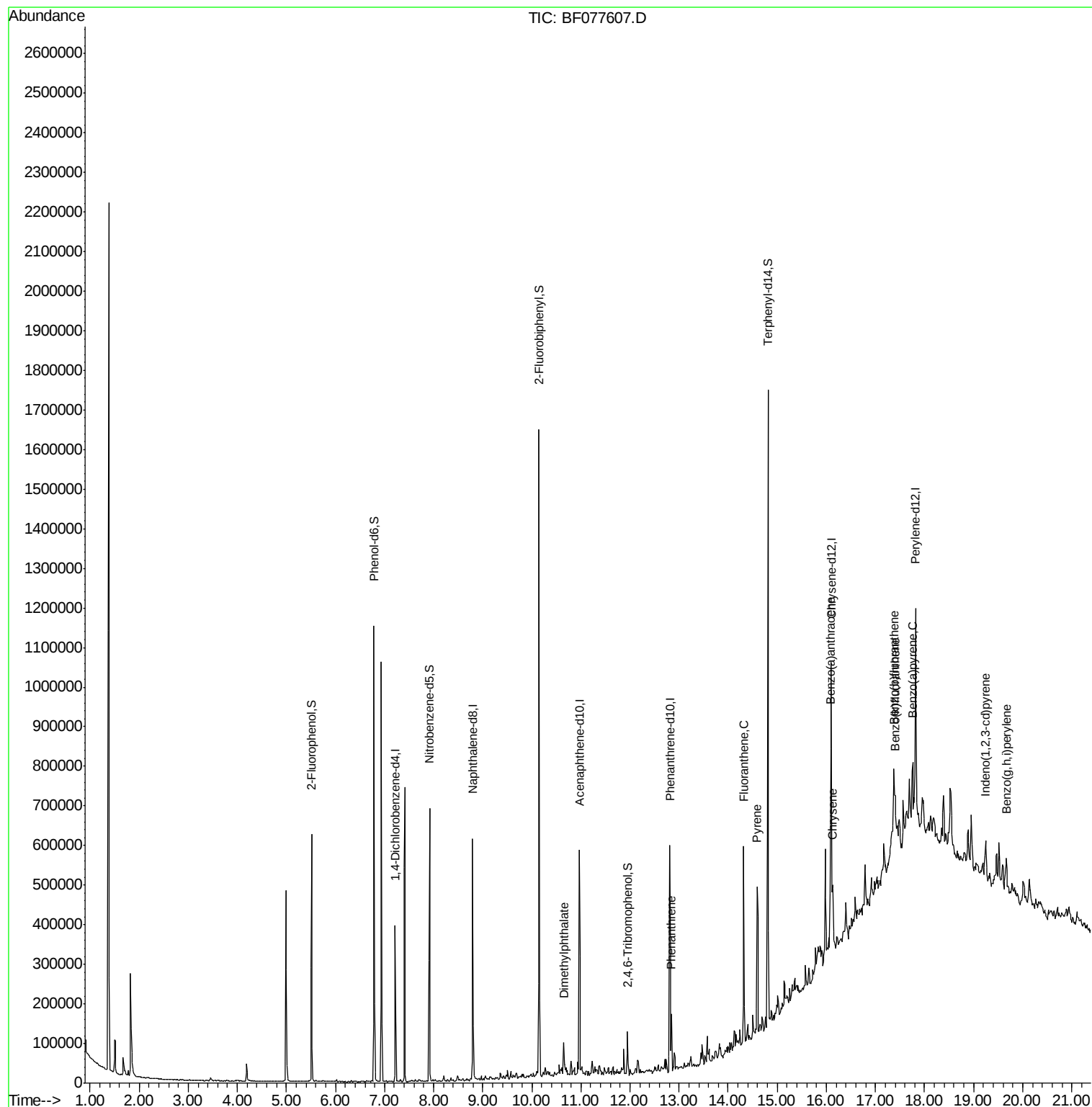
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030415\
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ALS Vial : 26 Sample Multiplier: 1

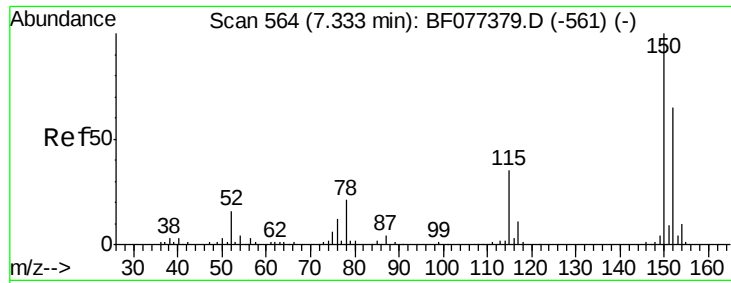
Instrument :
BNA_F
ClientSampled :
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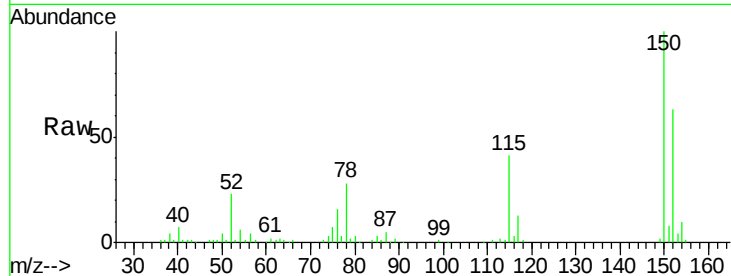




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

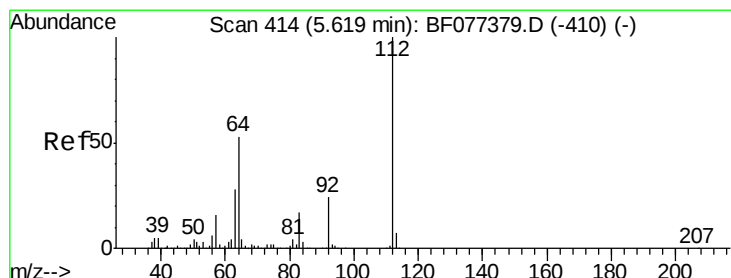
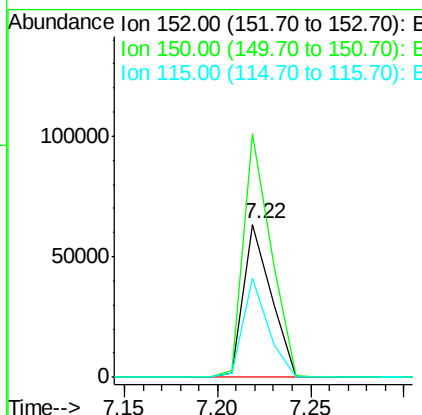
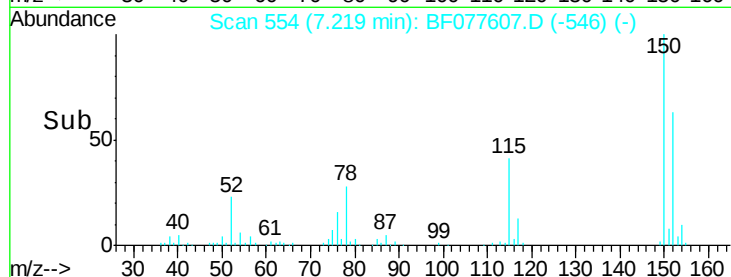
Instrument :
BNA_F
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.0	186.0
115	64.7	49.4	74.2

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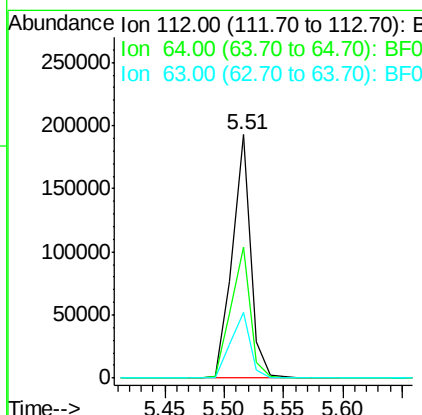
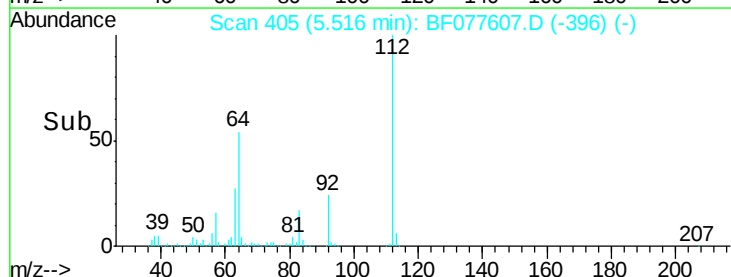
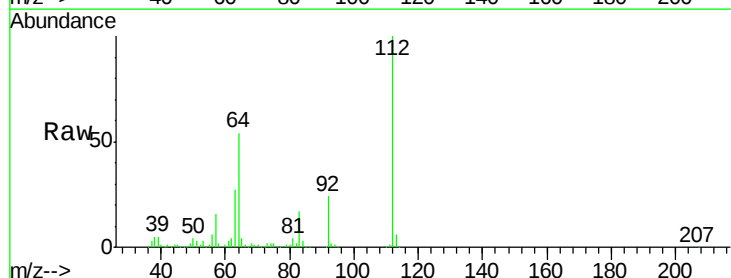
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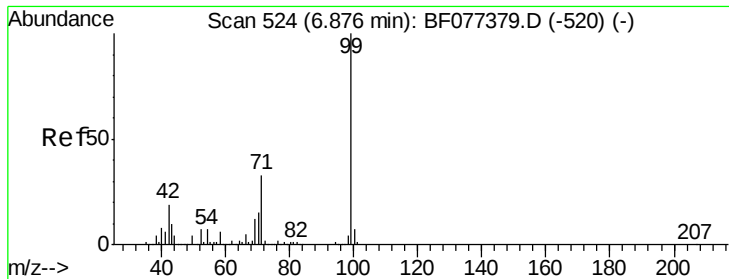


#5

2-Fluorophenol
Concen: 52.92 ng
RT: 5.51 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	48.5	72.7
63	26.7	25.0	37.4





#7

Phenol-d6

Concen: 75.41 ng

RT: 6.79 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

Instrument :

BNA_F

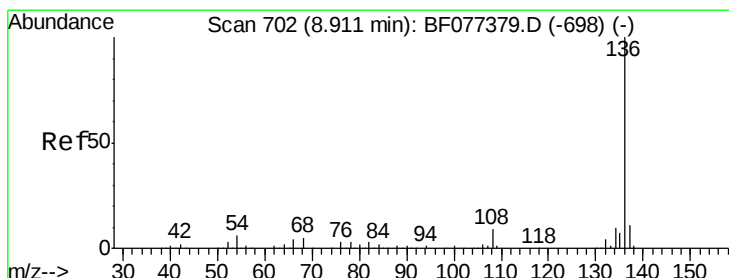
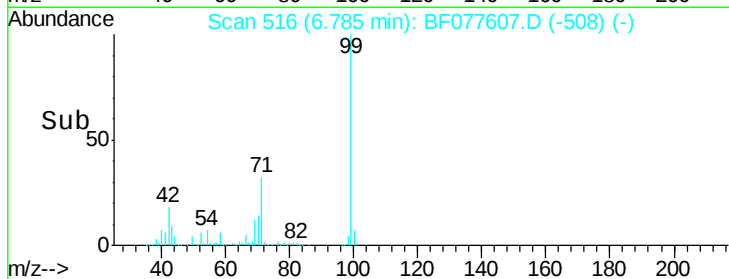
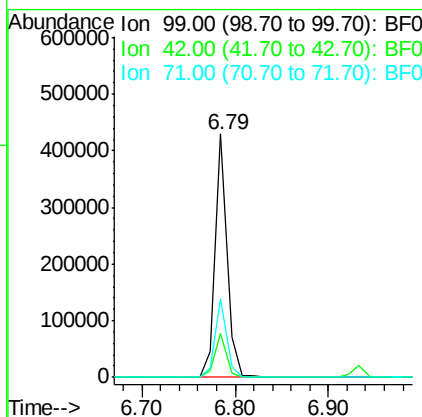
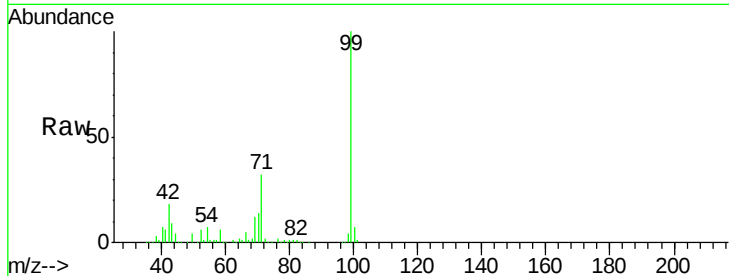
ClientSampleId :

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Tgt Ion:	99	Resp:	381071
Ion Ratio	Lower	Upper	
99	100		
42	18.0	16.2	24.4
71	32.1	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

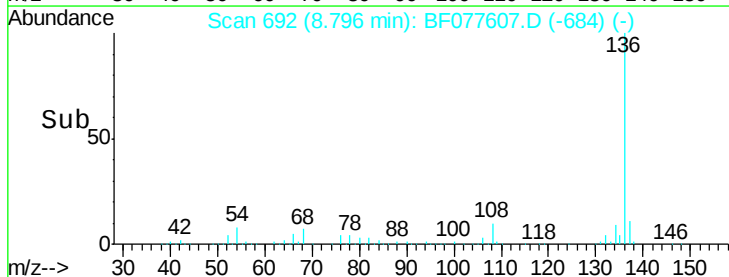
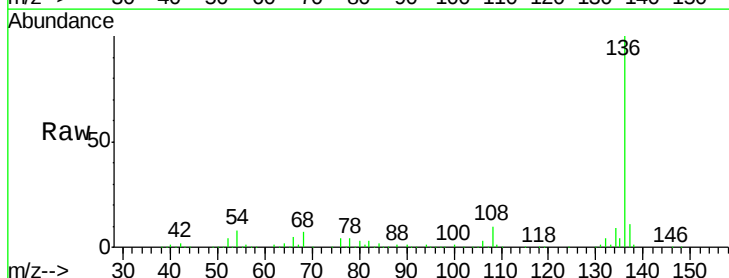
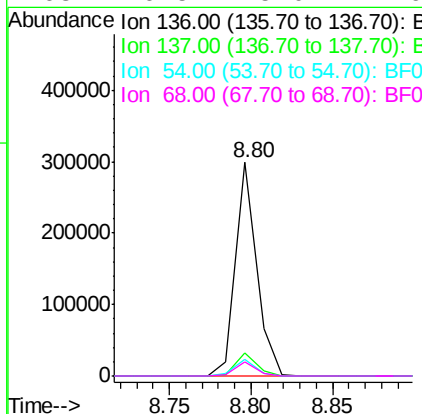
RT: 8.80 min Scan# 692

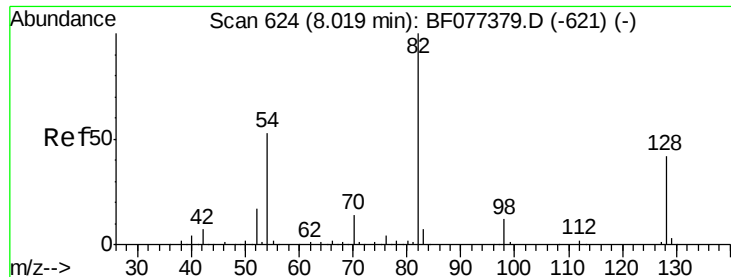
Delta R.T. -0.00 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

Tgt Ion:	136	Resp:	265801
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.0	6.2	9.4
68	6.5	5.0	7.6





#23

Nitrobenzene-d5

Concen: 56.48 ng

RT: 7.91 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

Instrument :

BNA_F

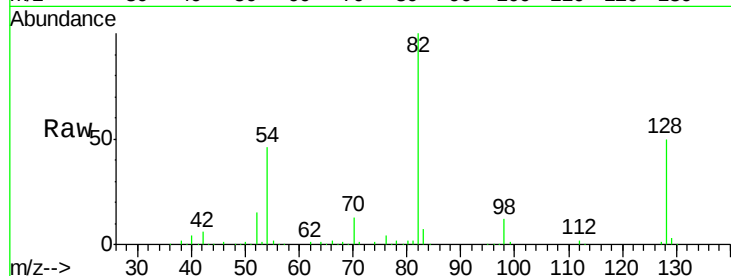
ClientSampleId :

SB17

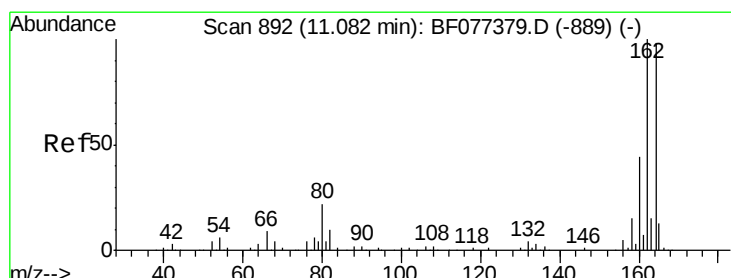
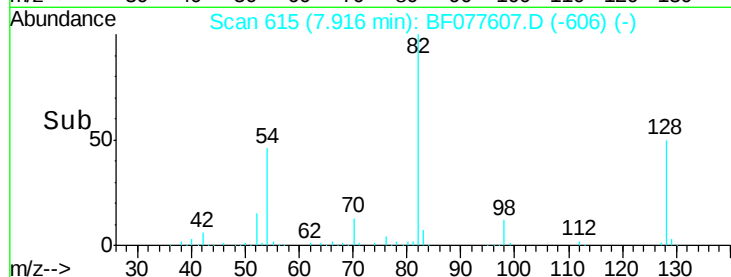
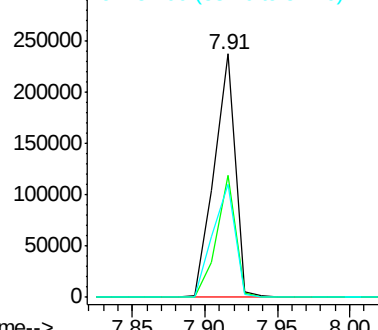
Tgt Ion:	82	Resp:	241400
Ion Ratio	Lower	Upper	
82	100		
128	50.2	43.8	65.8
54	46.2	36.7	55.1

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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

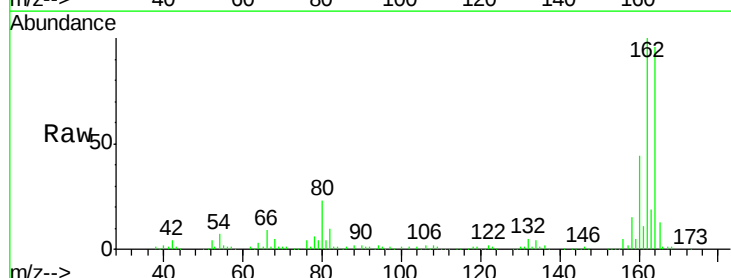
RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

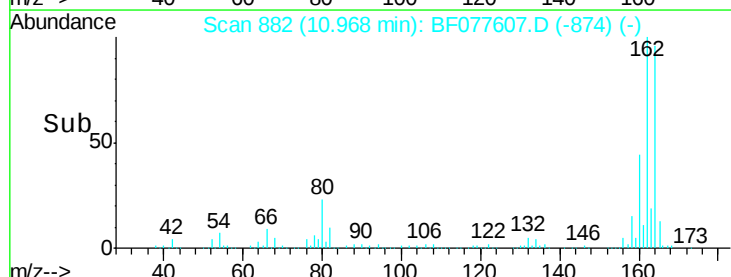
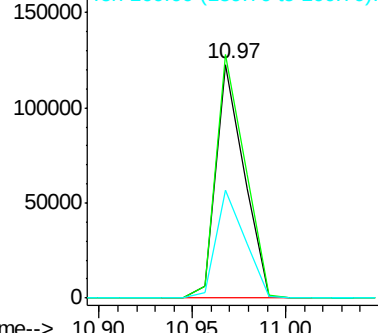
Lab File: BF077607.D

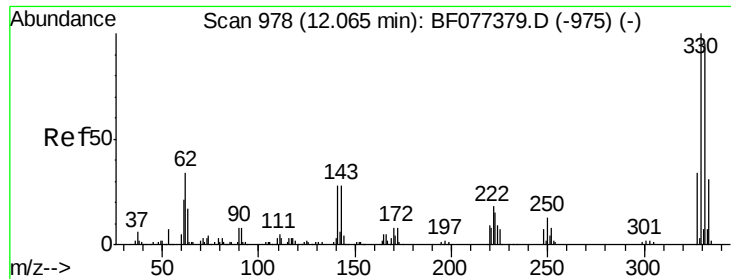
Acq: 5 Mar 2015 5:56

Tgt Ion:	164	Resp:	128304
Ion Ratio	Lower	Upper	
164	100		
162	104.2	83.2	124.8
160	46.0	34.6	52.0



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





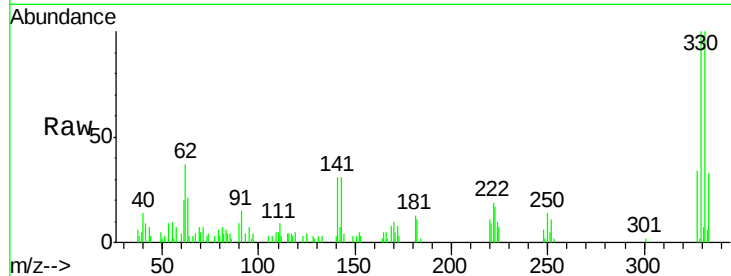
#41
 2,4,6-Tribromophenol
 Concen: 10.66 ng
 RT: 11.95 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF077607.D
 Acq: 5 Mar 2015 5:56

Instrument :
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 ClientSampleId :
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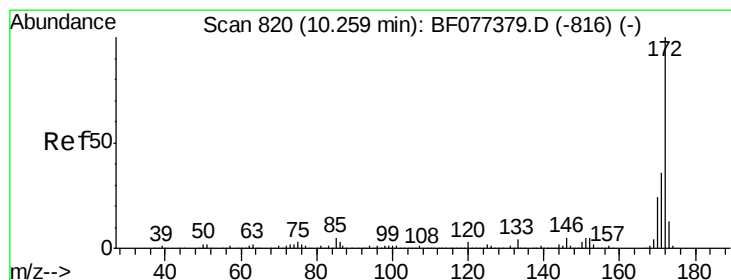
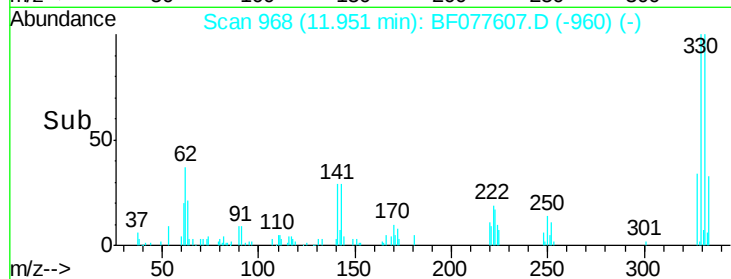
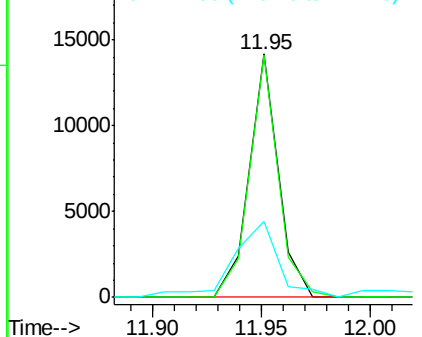
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	13165		
332	99.3	77.4	116.2	
141	49.3	28.8	43.2#	

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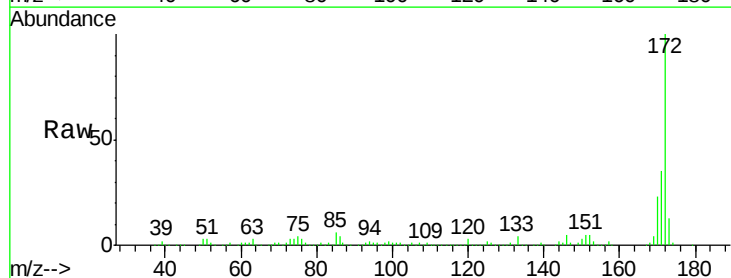


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

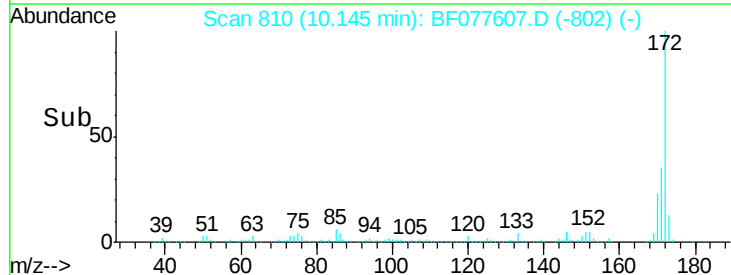
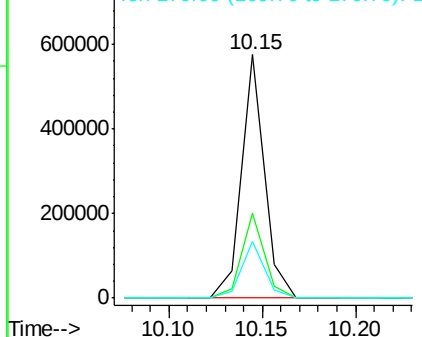


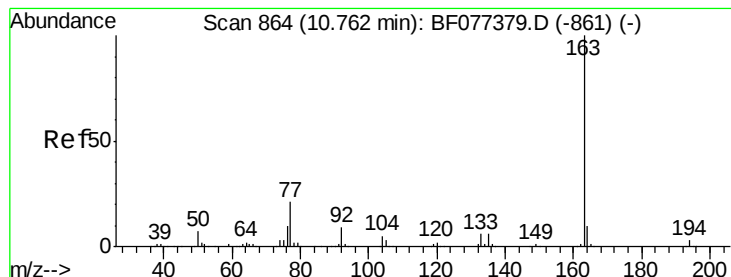
#44
 2-Fluorobiphenyl
 Concen: 60.22 ng
 RT: 10.15 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF077607.D
 Acq: 5 Mar 2015 5:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	495544		
171	34.9	28.9	43.3	
170	23.5	19.4	29.2	



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: 3.67 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

Instrument :

BNA_F

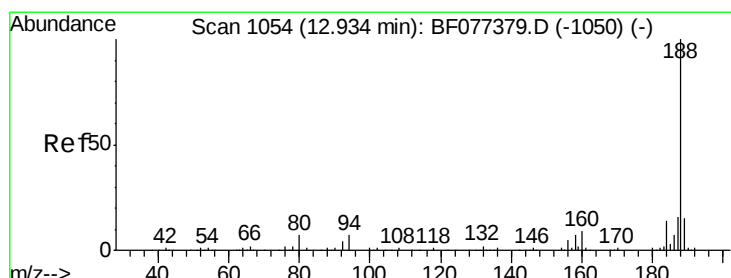
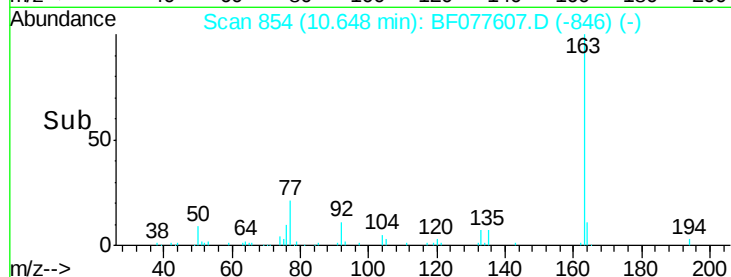
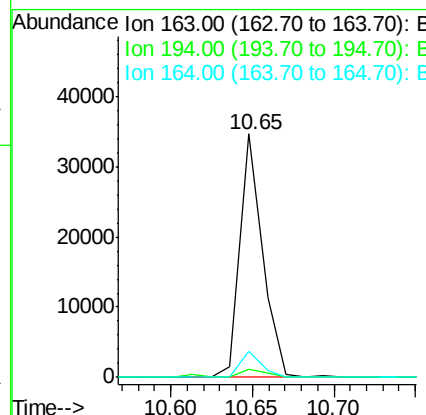
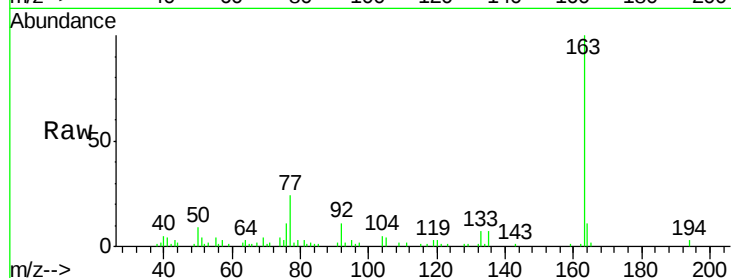
ClientSampleId :

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Tgt Ion:	163	Resp:	33100
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.6	8.6	13.0

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#63

Phenanthrene-d10

Concen: 20.00 ng

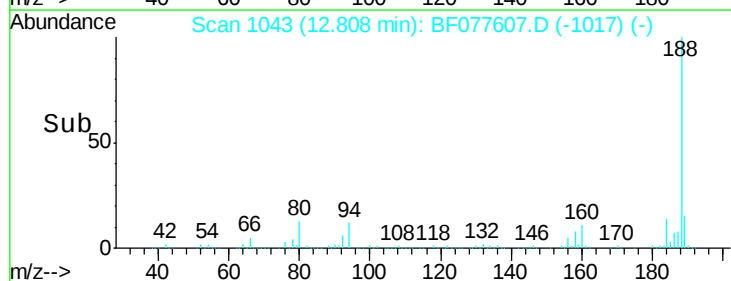
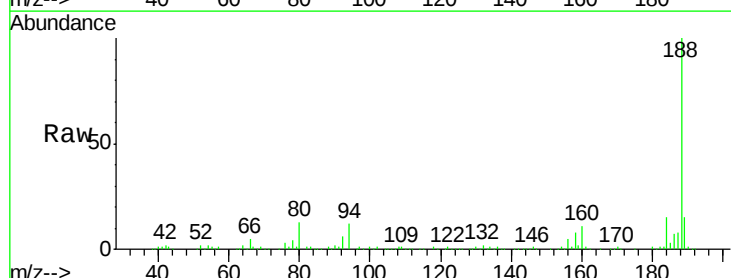
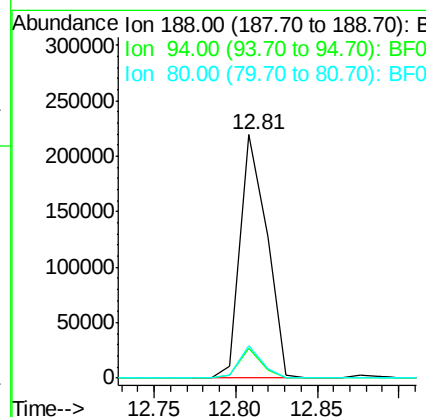
RT: 12.81 min Scan# 1043

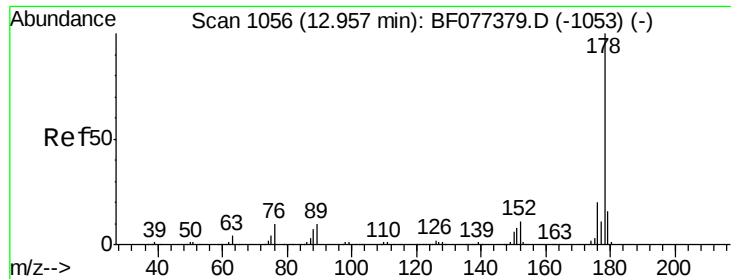
Delta R.T. -0.00 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

Tgt Ion:	188	Resp:	247414
Ion Ratio	Lower	Upper	
188	100		
94	12.3	7.4	11.2#
80	13.1	8.0	12.0#





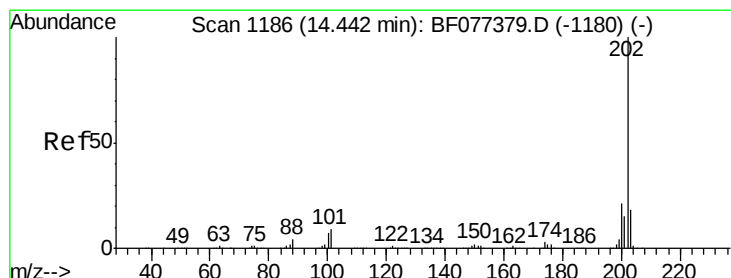
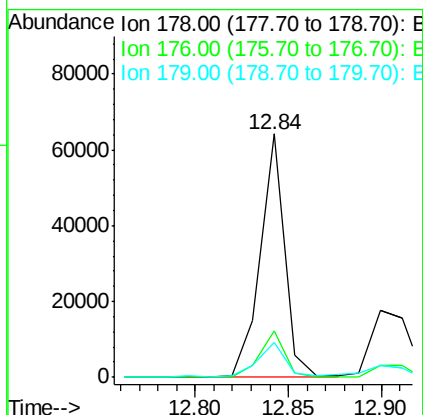
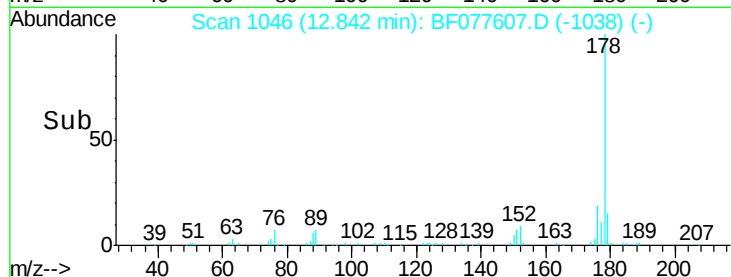
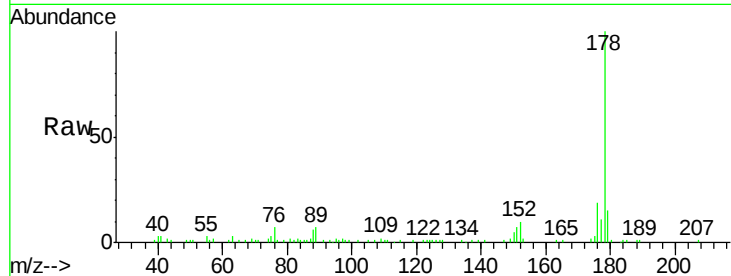
#70
Phenanthrene
Concen: 4.13 ng
RT: 12.84 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

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Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	14.6	12.2	18.2

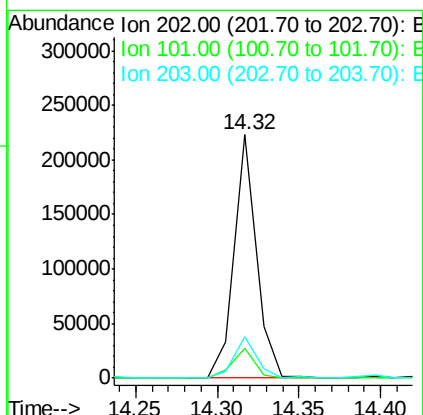
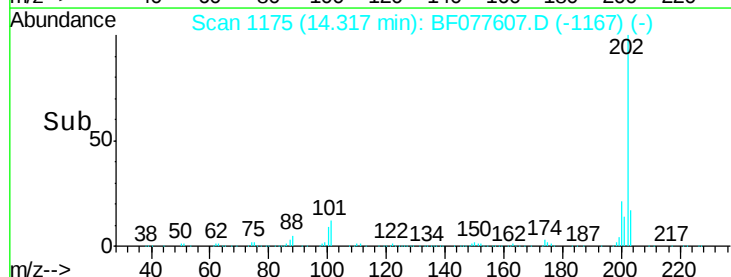
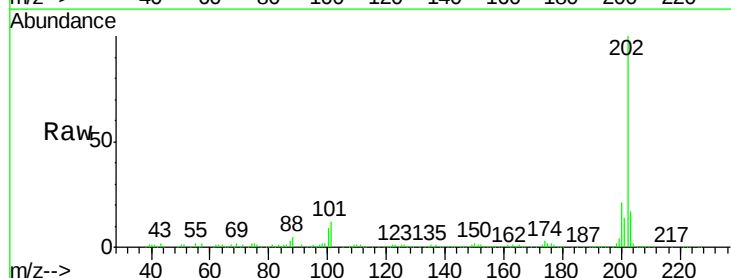
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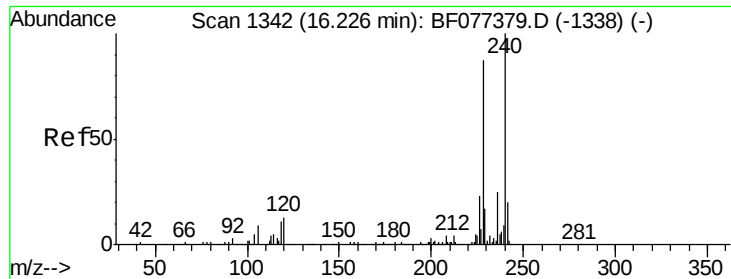
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#74
Fluoranthene
Concen: 13.54 ng
RT: 14.32 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.8
203	17.2	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

Instrument :

BNA_F

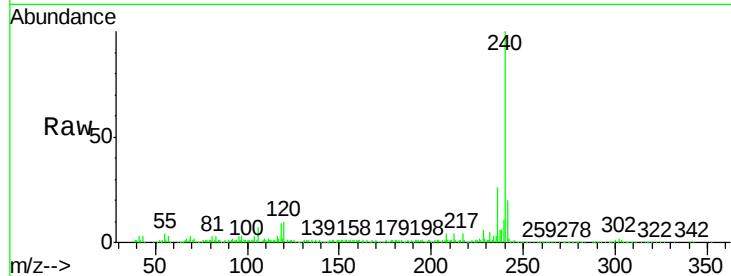
ClientSampleId :

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Tgt	Ion	240	Resp:	286178
Ion	Ratio	100	Lower	Upper
120	10.1	8.8	13.2	
236	25.6	20.7	31.1	

Manual Integrations
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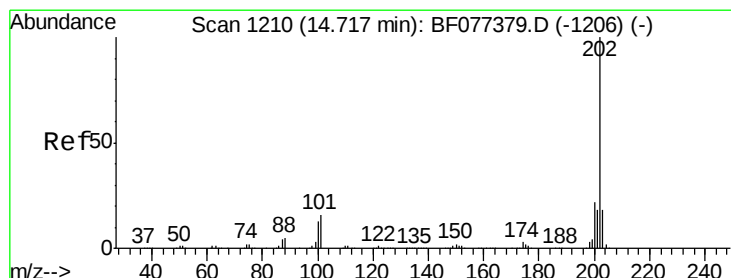
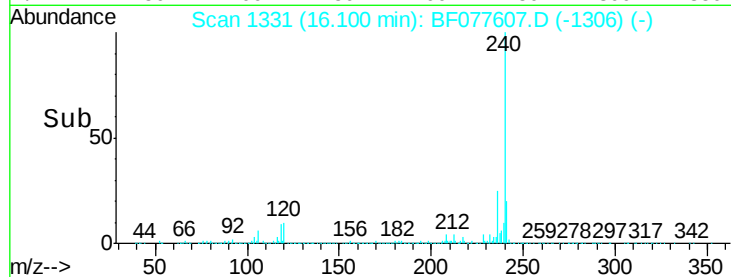
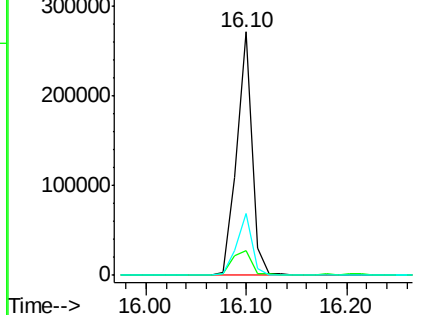
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 11.69 ng

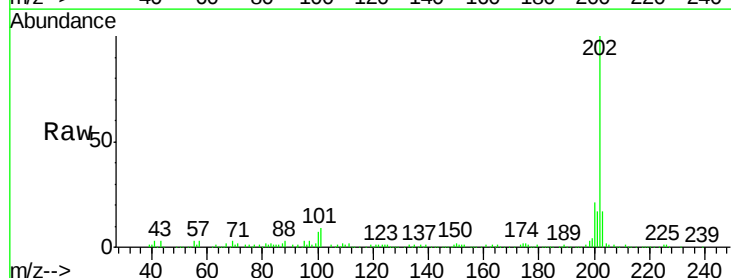
RT: 14.60 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

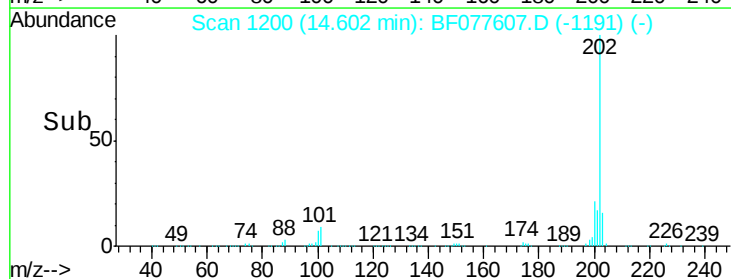
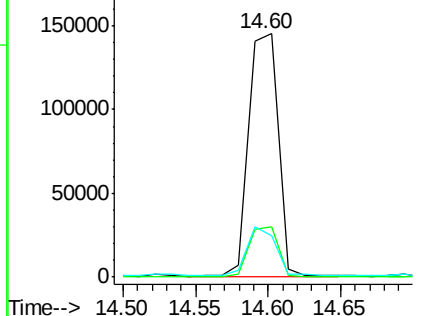
Tgt	Ion	202	Resp:	204646
Ion	Ratio	100	Lower	Upper
200	20.8	17.1	25.7	
203	17.2	14.2	21.2	

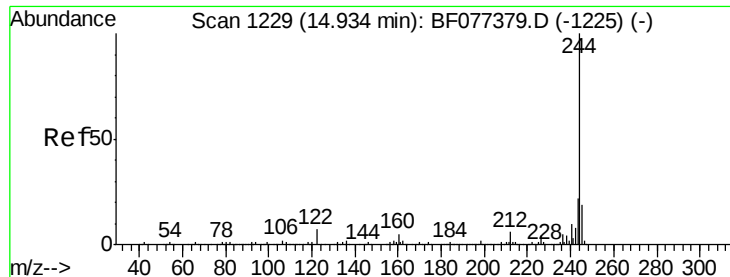


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





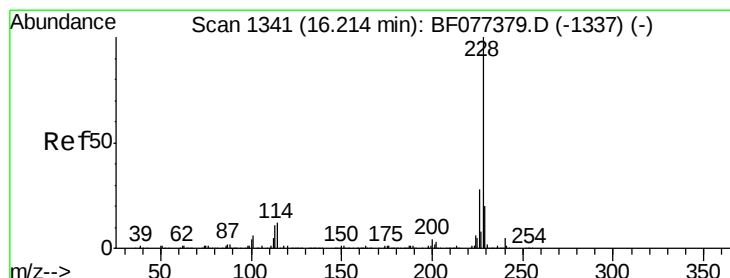
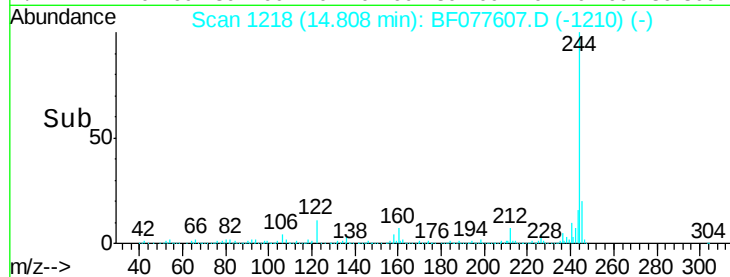
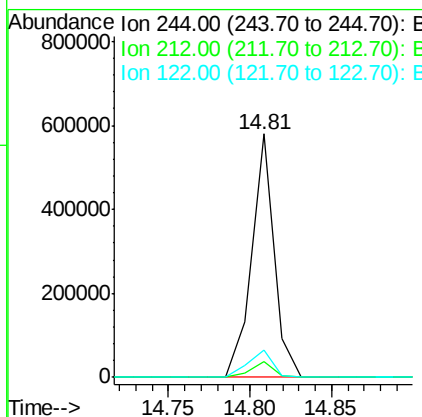
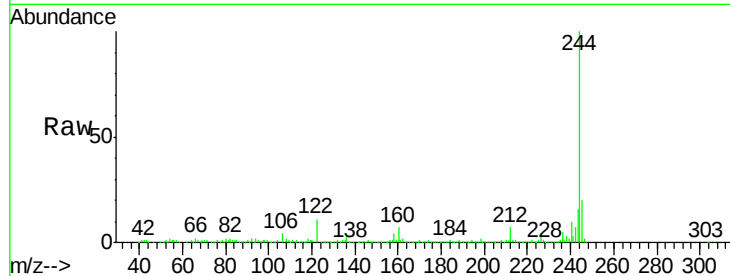
#78
 Terphenyl-d14
 Concen: 45.42 ng
 RT: 14.81 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF077607.D
 Acq: 5 Mar 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 SB17

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.2	7.8
122	11.4	7.8	11.8

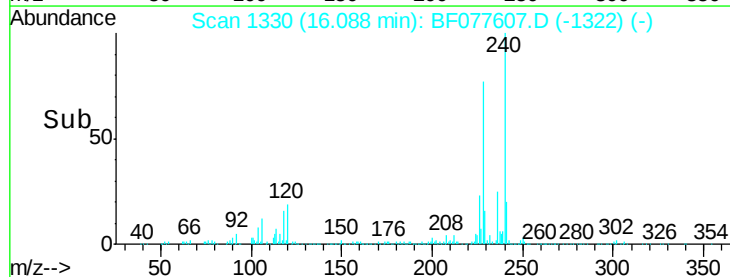
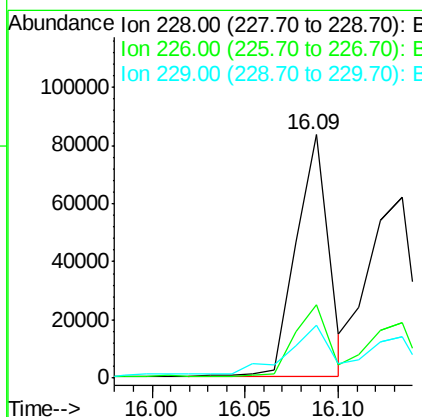
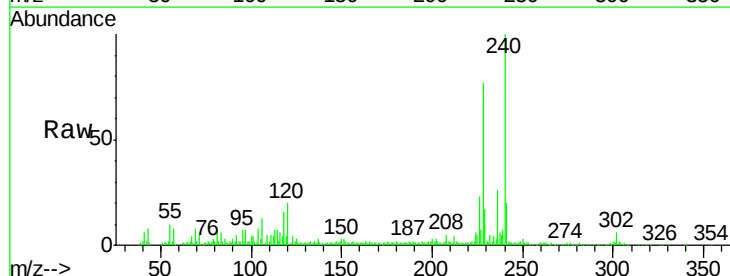
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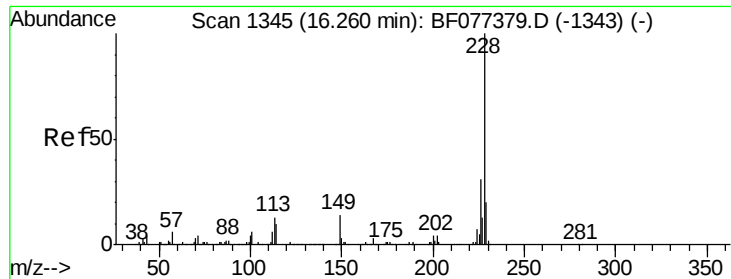
mohammad
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#80
 Benzo(a)anthracene
 Concen: 6.04 ng
 RT: 16.09 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF077607.D
 Acq: 5 Mar 2015 5:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	22.0	33.0
229	21.6	15.8	23.8





#82

Chrysene

Concen: 6.29 ng m

RT: 16.12 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF077607.D

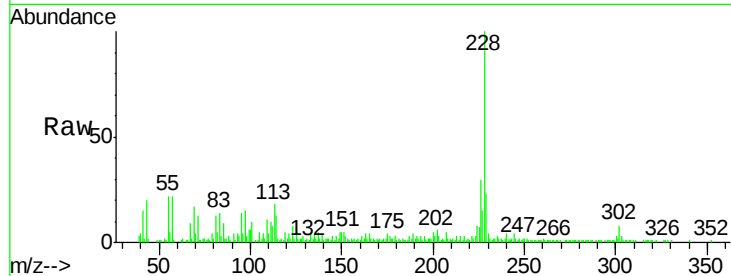
Acq: 5 Mar 2015 5:56

Instrument :

BNA_F

ClientSampleId :

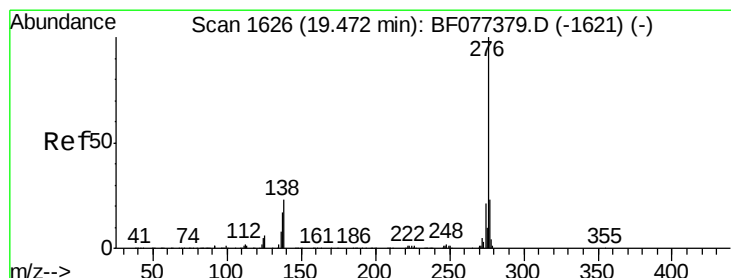
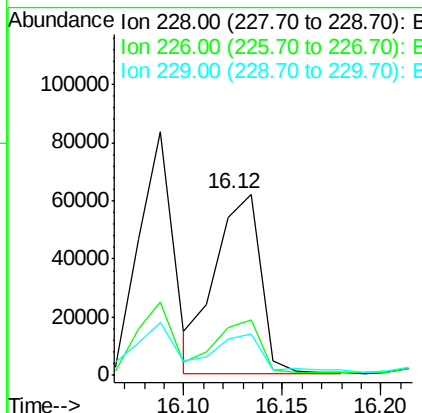
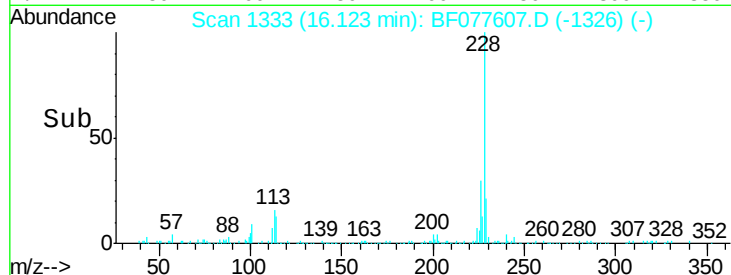
SB17



Tgt Ion:	228	Resp:	98995
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	22.6	16.4	24.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 3.22 ng

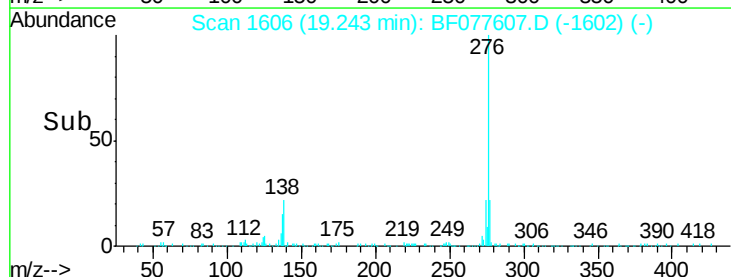
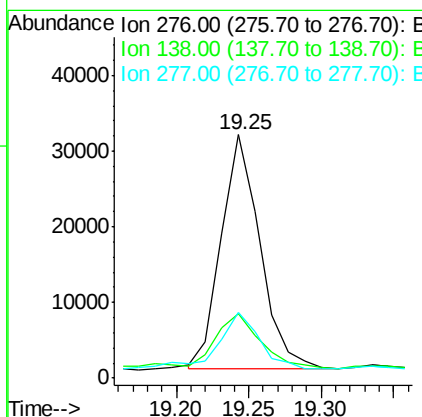
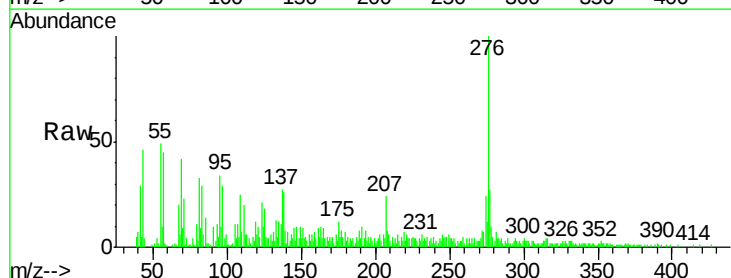
RT: 19.25 min Scan# 1606

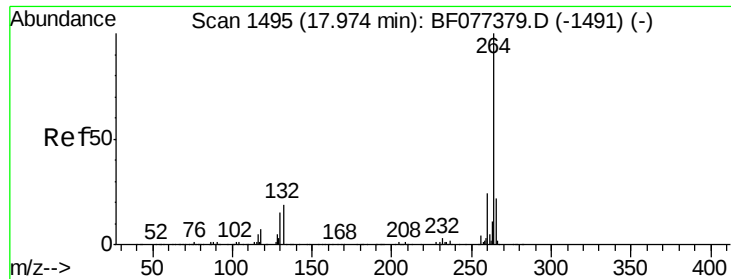
Delta R.T. -0.05 min

Lab File: BF077607.D

Acq: 5 Mar 2015 5:56

Tgt Ion:	276	Resp:	57736
Ion Ratio	Lower	Upper	
276	100		
138	26.0	21.2	31.8
277	24.3	20.0	30.0





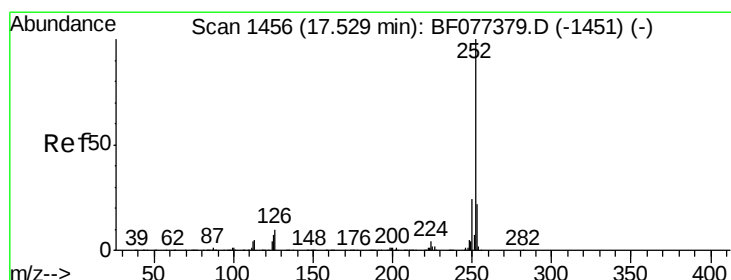
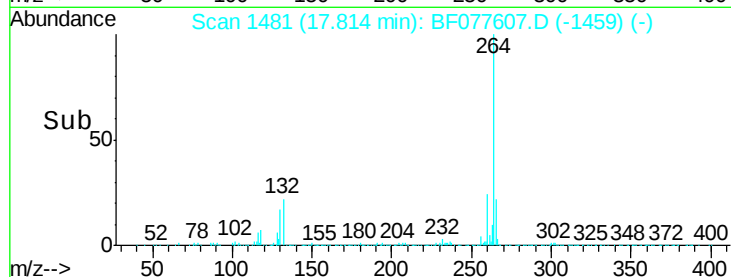
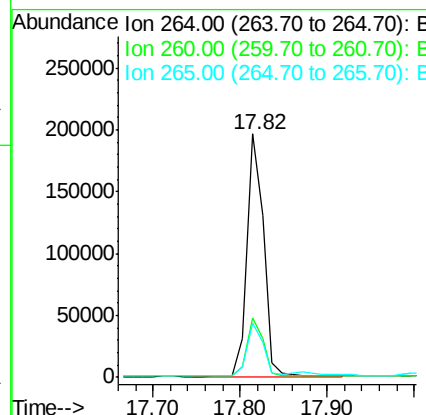
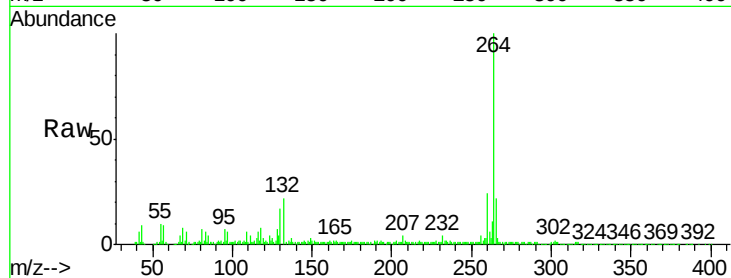
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.82 min Scan# 1481
Delta R.T. -0.04 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

Instrument :
BNA_F
ClientSampleId :
SB17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.3	16.8	25.2

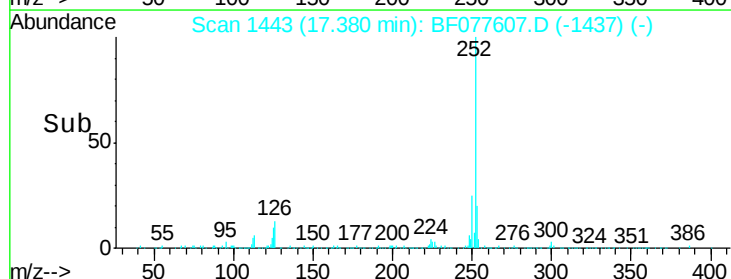
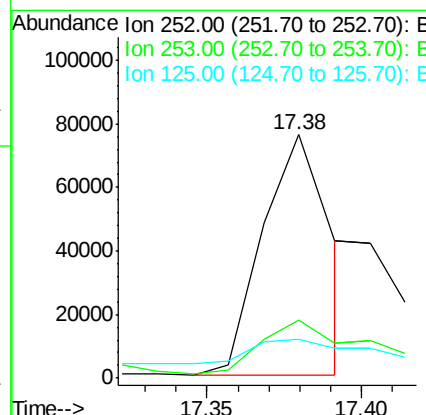
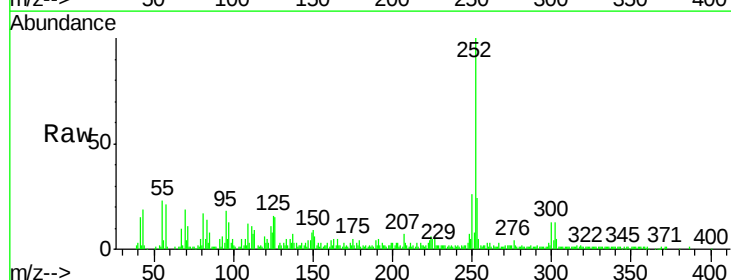
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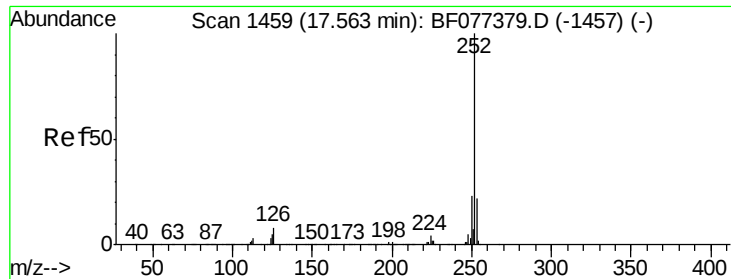
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#87
Benzo(b)fluoranthene
Concen: 7.76 ng m
RT: 17.38 min Scan# 1443
Delta R.T. -0.03 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	16.1	5.4	8.2#





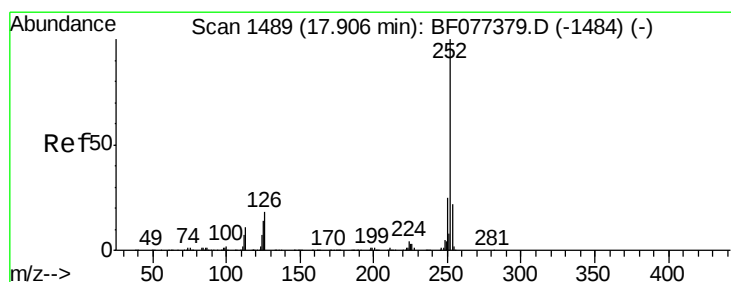
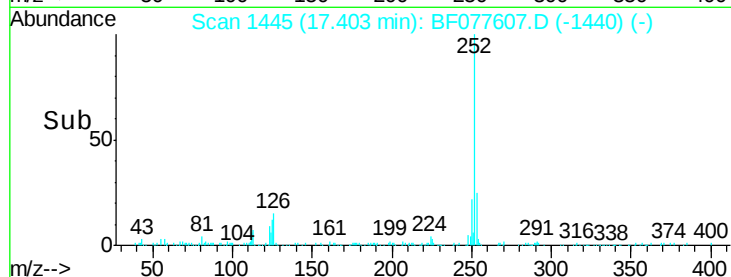
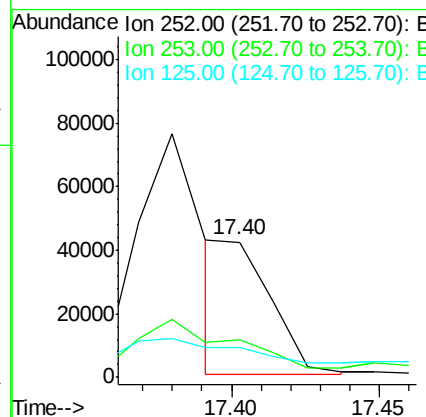
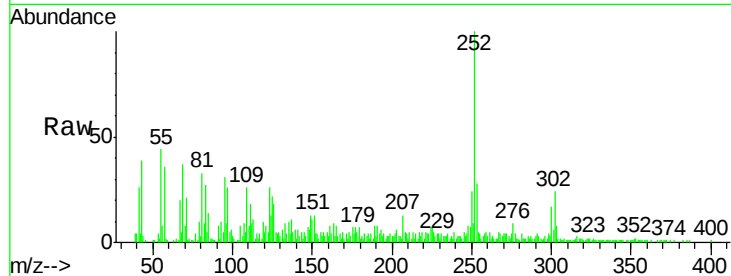
#88
Benzo(k)fluoranthene
Concen: 3.15 ng m
RT: 17.40 min Scan# 1445
Delta R.T. -0.04 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

Instrument :
BNA_F
ClientSampled :
SB17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	18.1	27.1#
125	22.0	10.1	15.1#

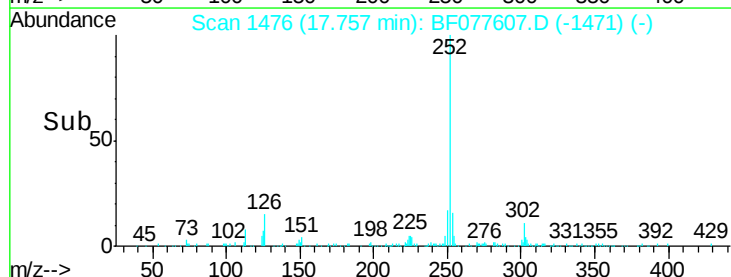
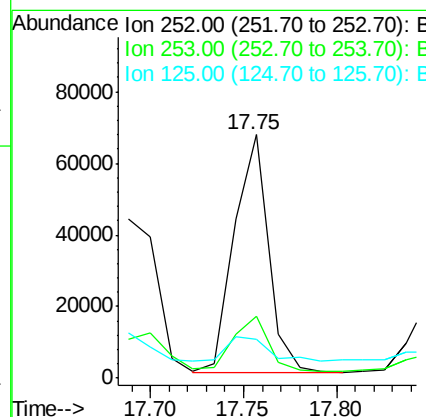
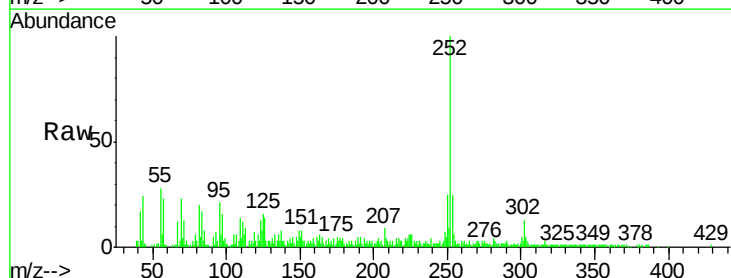
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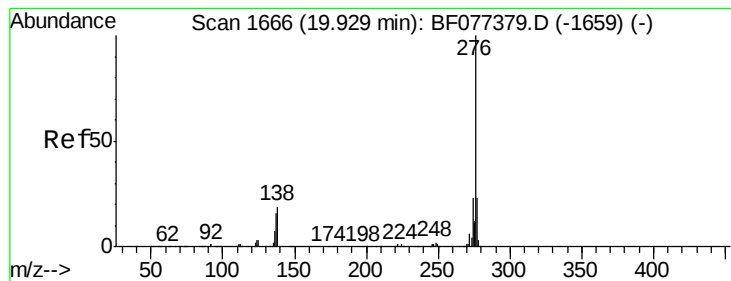
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#89
Benzo(a)pyrene
Concen: 5.98 ng
RT: 17.75 min Scan# 1476
Delta R.T. -0.04 min
Lab File: BF077607.D
Acq: 5 Mar 2015 5:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	15.9	8.3	12.5#





#91

Benzo(g,h,i)perylene

Concen: 4.27 ng

RT: 19.67 min Scan# 1643

Delta R.T. -0.05 min

Lab File: BF077607.D

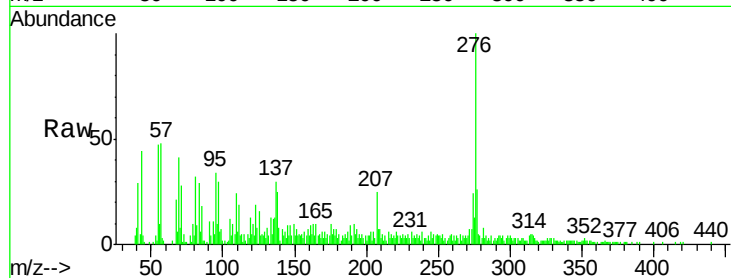
Acq: 5 Mar 2015 5:56

Instrument :

BNA_F

ClientSampleId :

SB17



Tgt Ion:	276	Resp:	58696
Ion Ratio	Lower	Upper	
276	100		
277	25.5	18.9	28.3
138	24.9	20.5	30.7

Manual Integrations
APPROVED

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