

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077522.D
 Acq On : 2 Mar 2015 15:08
 Operator : TP/IZ
 Sample : G1399-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB10

Manual Integrations
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Quant Time: Mar 03 05:44:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	94856	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	383033	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	201924	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	392443	20.00	ng	0.00
75) Chrysene-d12	16.15	240	406901	20.00	ng	0.02
86) Perylene-d12	17.96	264	411446	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	547838	96.42	ng	0.00
7) Phenol-d6	6.82	99	727855	99.63	ng	0.00
23) Nitrobenzene-d5	7.95	82	429851	69.79	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	180938	93.06	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	861557	66.53	ng	0.00
78) Terphenyl-d14	14.85	244	976238	56.09	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.68	163	32947	2.32	ng	99
70) Phenanthrene	12.88	178	192443	8.46	ng	99
74) Fluoranthene	14.36	202	337745	13.59	ng	96
77) Pyrene	14.64	202	373023	14.99	ng	99
80) Benzo(a)anthracene	16.14	228	195648	8.20	ng	97
82) Chrysene	16.18	228	194338	8.68	ng	97
85) Indeno(1,2,3-cd)pyrene	19.41	276	136813m	5.36	ng	
87) Benzo(b)fluoranthene	17.49	252	246276m	10.29	ng	
88) Benzo(k)fluoranthene	17.52	252	97764m	4.17	ng	
89) Benzo(a)pyrene	17.89	252	206046m	9.04	ng	
91) Benzo(g,h,i)perylene	19.85	276	143456	6.54	ng	96

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

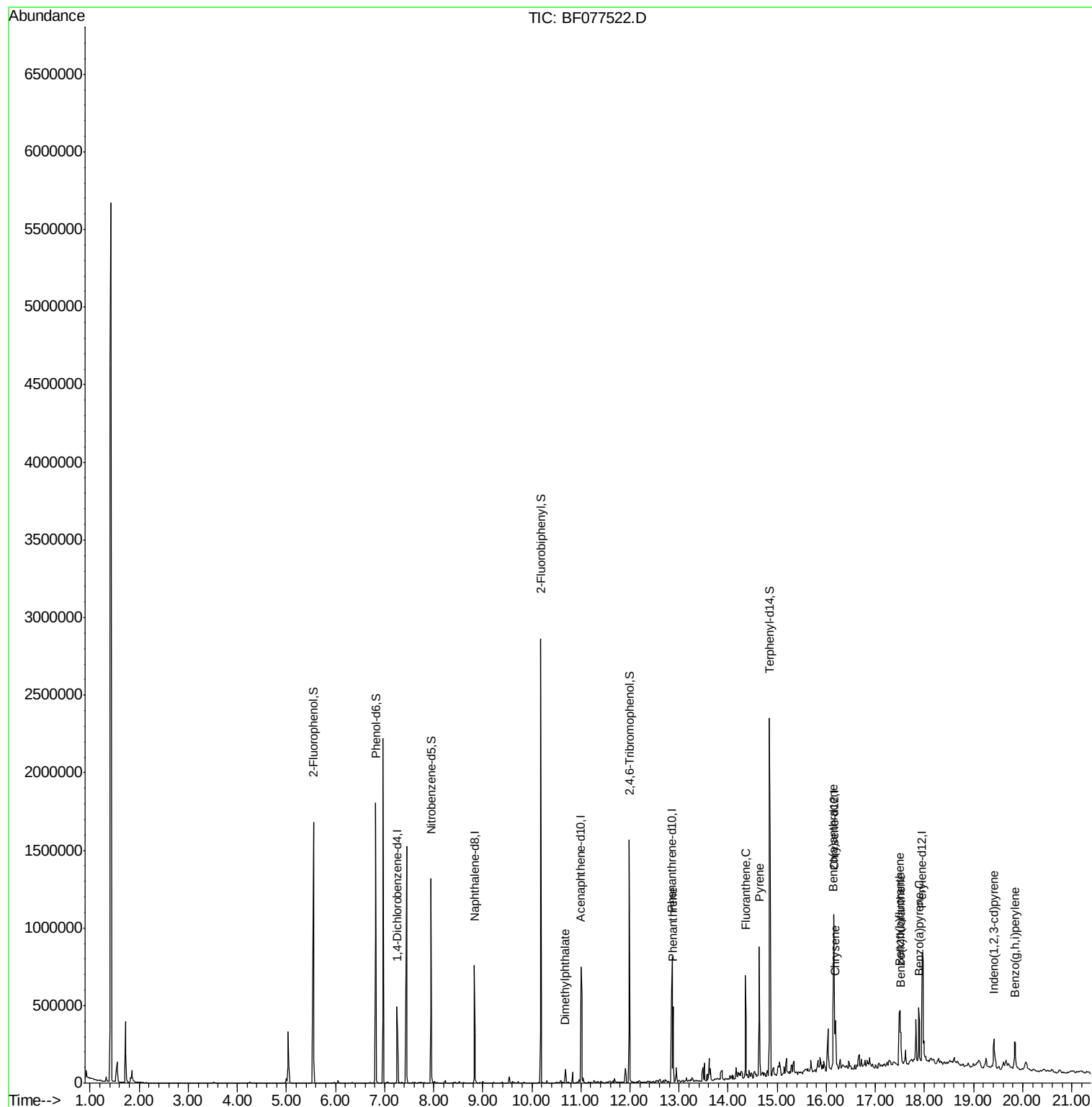
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
Data File : BF077522.D
Acq On : 2 Mar 2015 15:08
Operator : TP/IZ
Sample : G1399-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

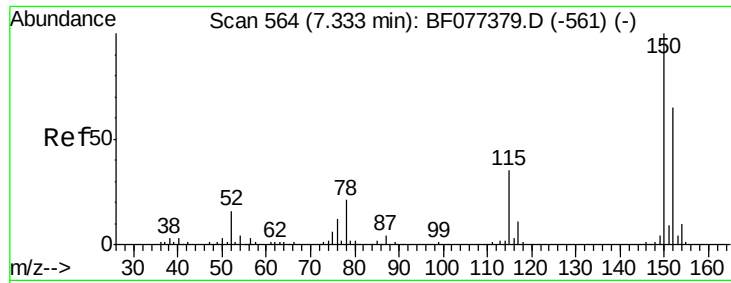
Instrument :
BNA_F
ClientSampleId :
SB10

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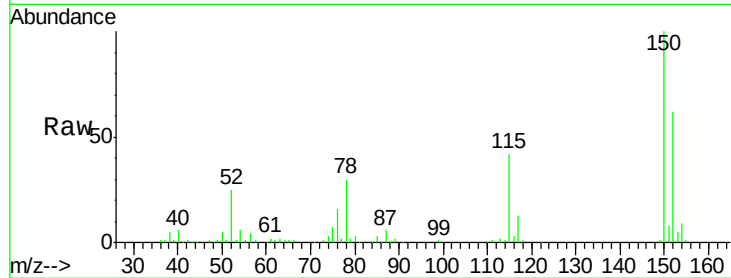




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

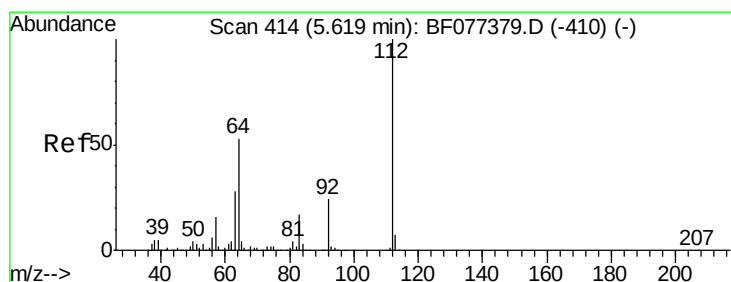
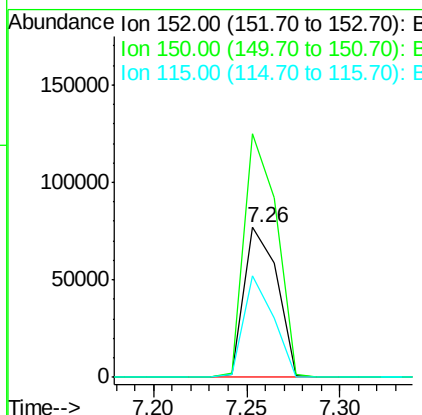
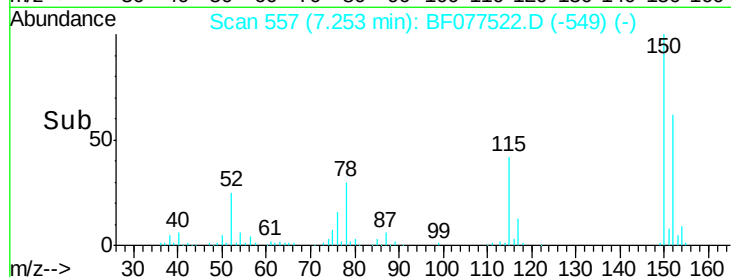
Instrument :
BNA_F
ClientSampleId :
SB10



Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.3	124.0	186.0
115	67.8	49.4	74.2

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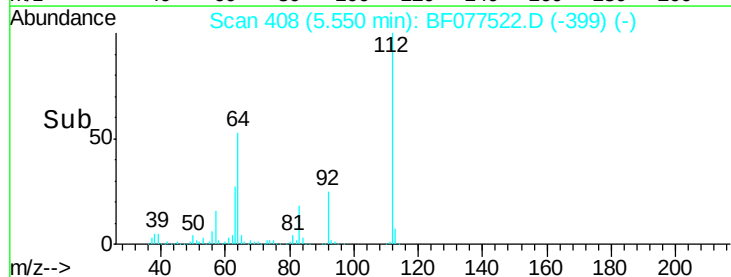
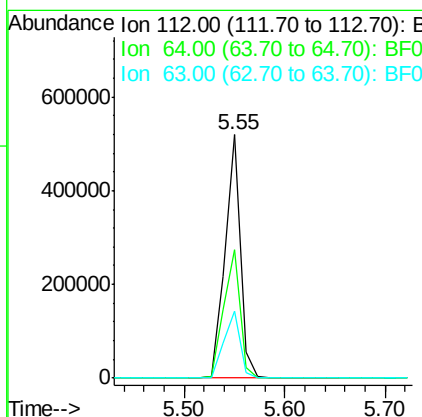
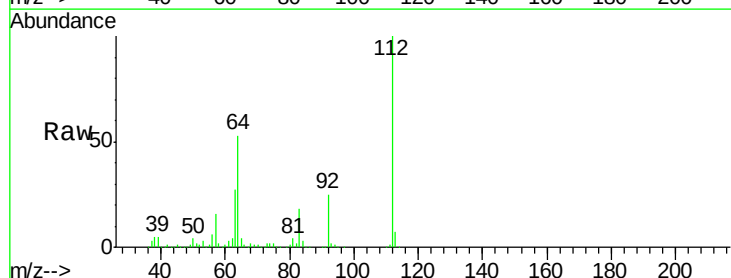
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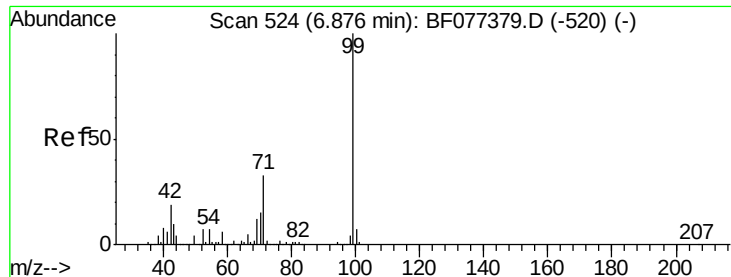


#5

2-Fluorophenol
Concen: 96.42 ng
RT: 5.55 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	48.5	72.7
63	27.4	25.0	37.4





#7

Phenol-d6

Concen: 99.63 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

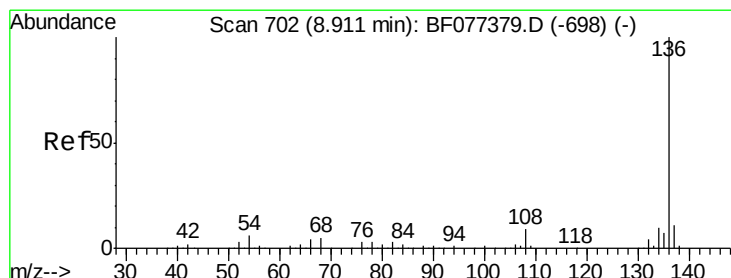
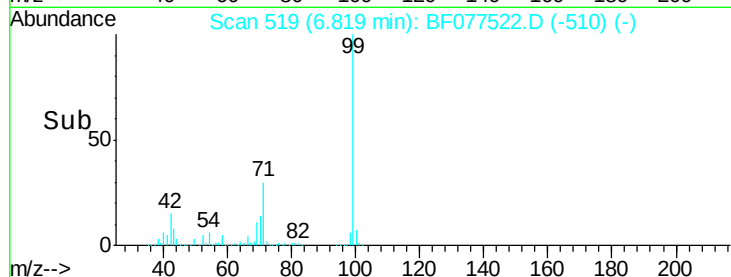
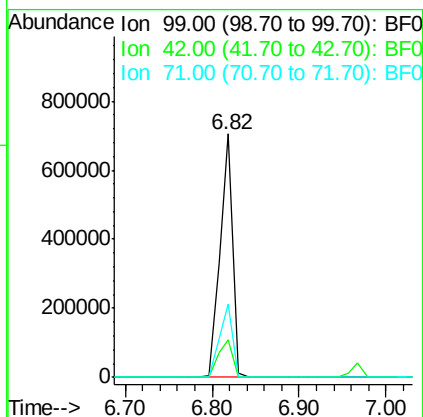
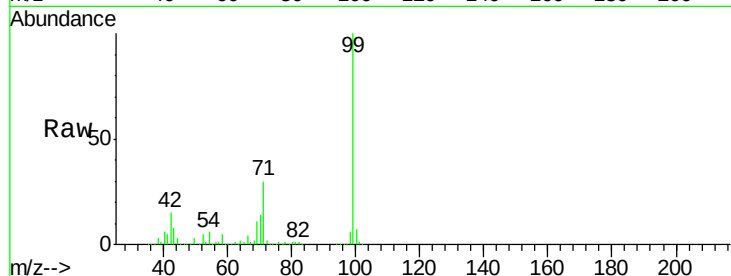
ClientSampleId :

SB10

Tgt Ion:	99	Resp:	727855
Ion Ratio	Lower	Upper	
99	100		
42	15.3	16.2	24.4#
71	30.4	26.7	40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

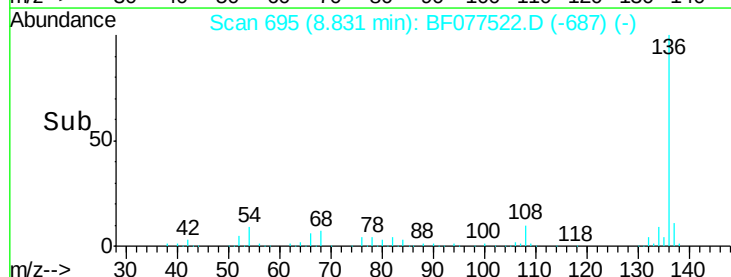
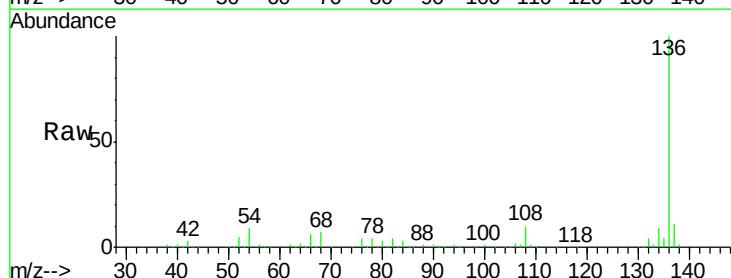
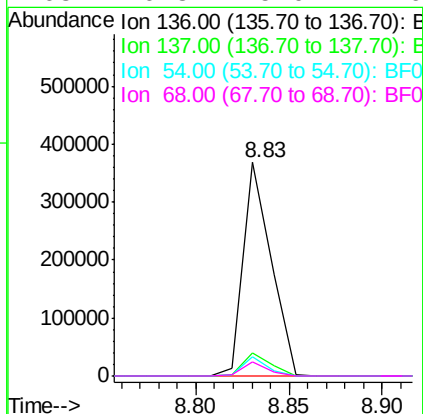
RT: 8.83 min Scan# 695

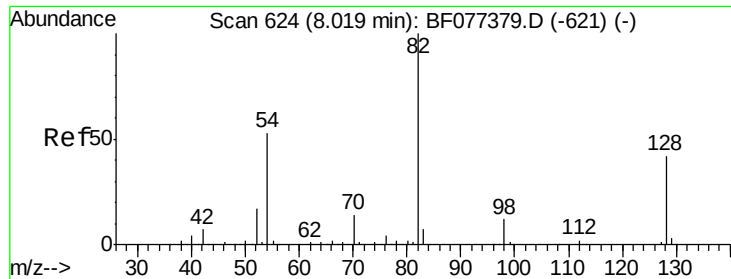
Delta R.T. -0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Tgt Ion:	136	Resp:	383033
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	8.7	6.2	9.4
68	6.8	5.0	7.6





#23

Nitrobenzene-d5

Concen: 69.79 ng

RT: 7.95 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

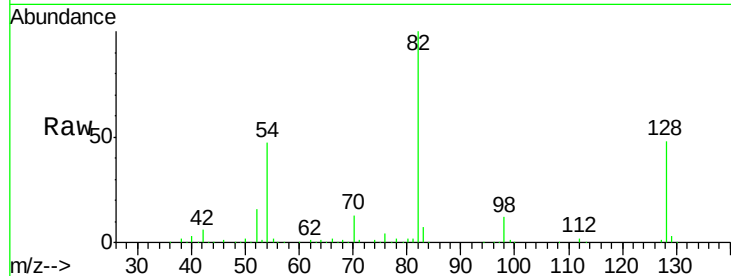
ClientSampleId :

SB10

Tgt Ion:	82	Resp:	429851
Ion Ratio	Lower	Upper	
82	100		
128	47.6	43.8	65.8
54	47.4	36.7	55.1

Manual Integrations
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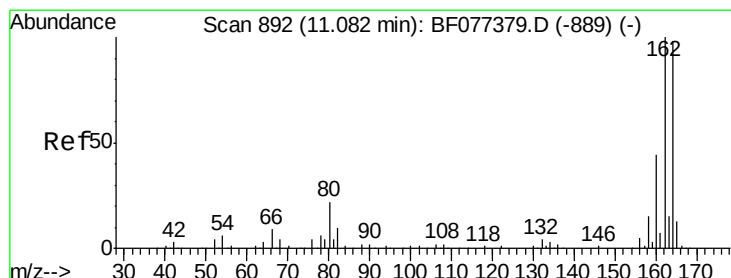
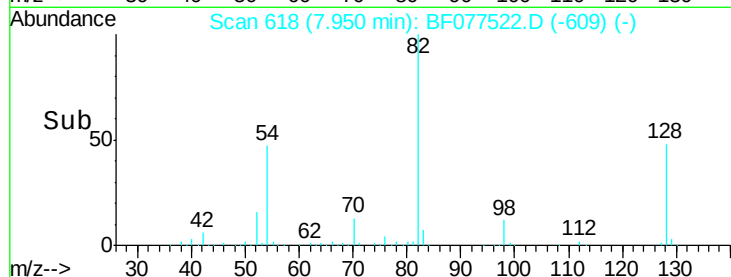
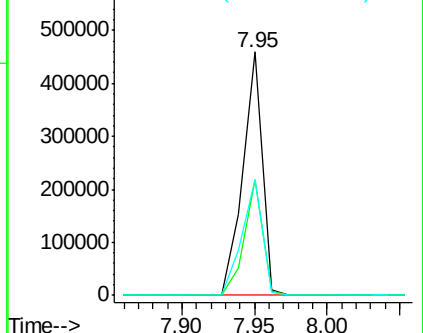
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Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-621) (-)

Ion 128.00 (127.70 to 128.70): BF077379.D (-621) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-621) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.01 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF077522.D

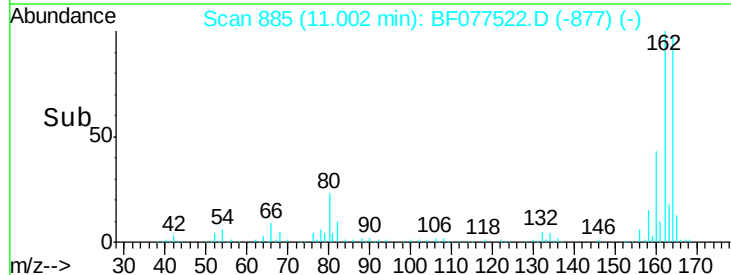
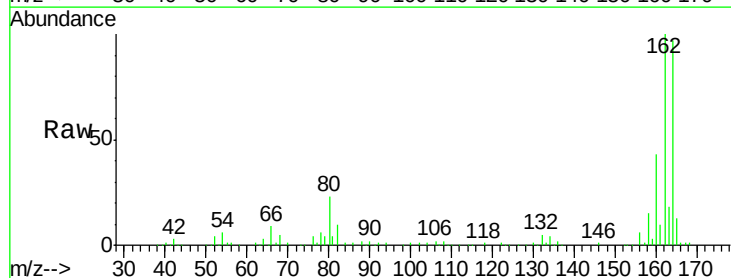
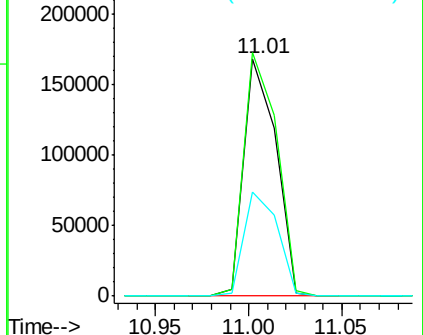
Acq: 2 Mar 2015 15:08

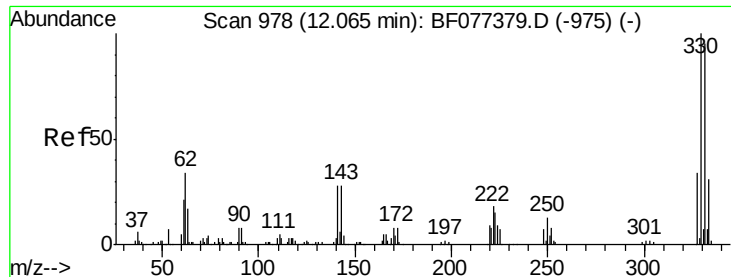
Tgt Ion:	164	Resp:	201924
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.2	124.8
160	43.8	34.6	52.0

Abundance Ion 164.00 (163.70 to 164.70): BF077379.D (-889) (-)

Ion 162.00 (161.70 to 162.70): BF077379.D (-889) (-)

Ion 160.00 (159.70 to 160.70): BF077379.D (-889) (-)





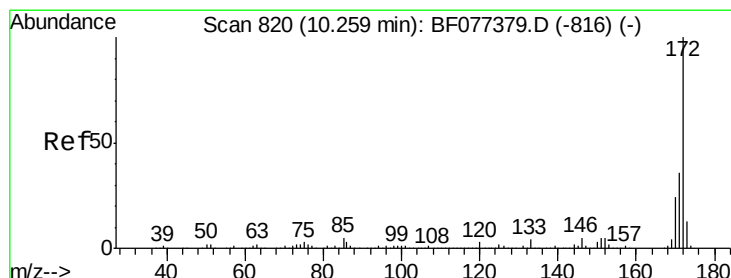
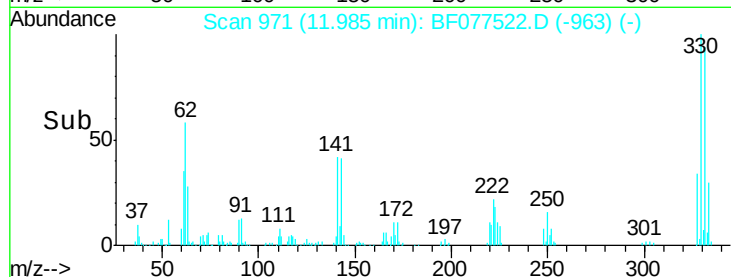
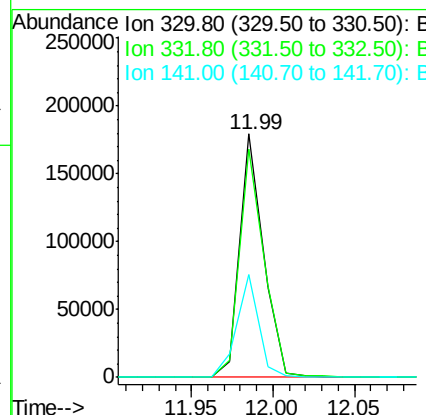
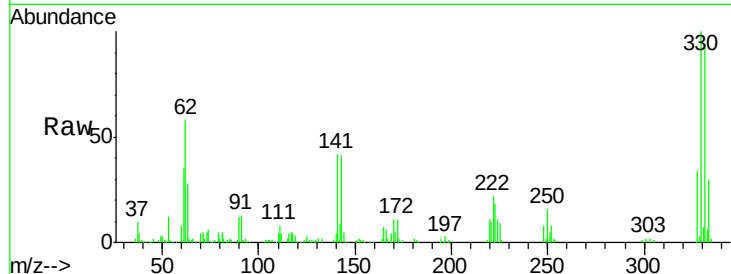
#41
 2,4,6-Tribromophenol
 Concen: 93.06 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Instrument :
 BNA_F
 ClientSampled :
 SB10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	180938		
332	95.9	77.4	116.2	
141	39.1	28.8	43.2	

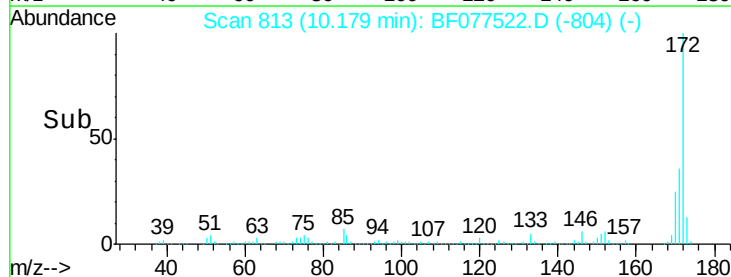
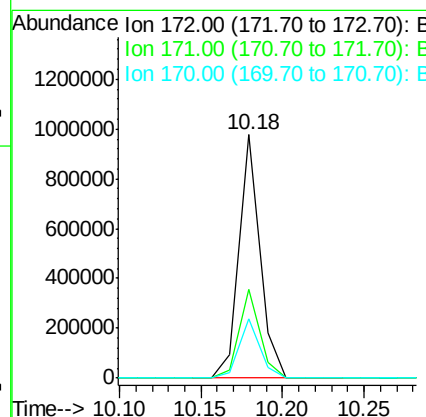
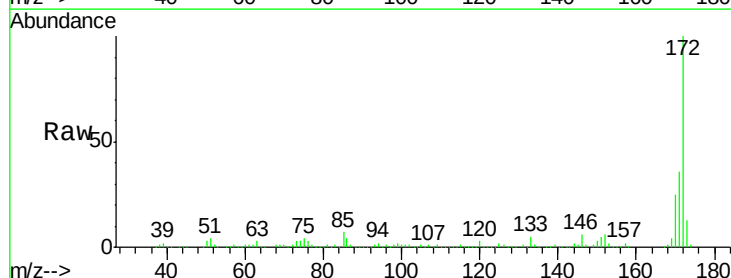
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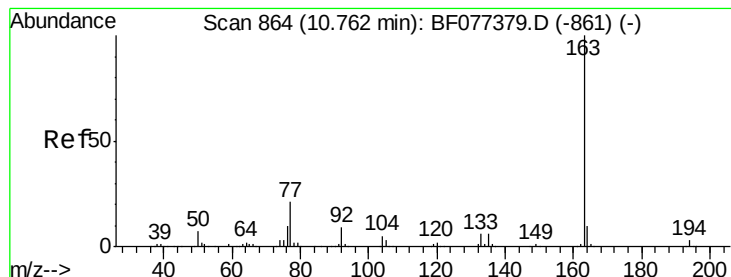
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#44
 2-Fluorobiphenyl
 Concen: 66.53 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	861557		
171	36.2	28.9	43.3	
170	24.5	19.4	29.2	





#49

Dimethylphthalate

Concen: 2.32 ng

RT: 10.68 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF077522.D

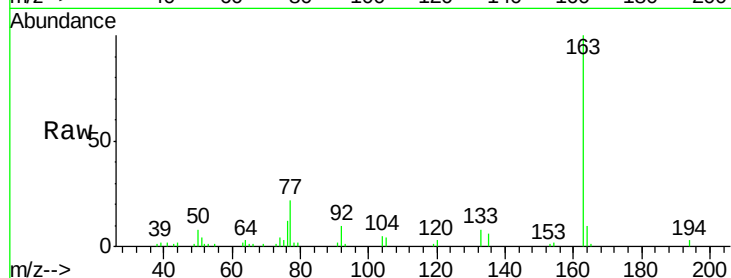
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Instrument :

BNA_F

ClientSampleId :

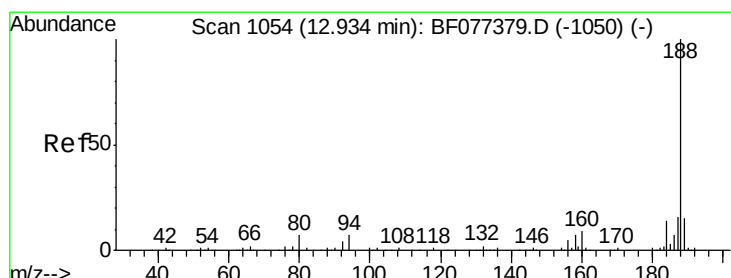
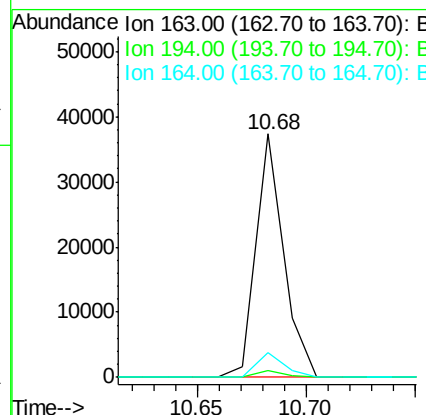
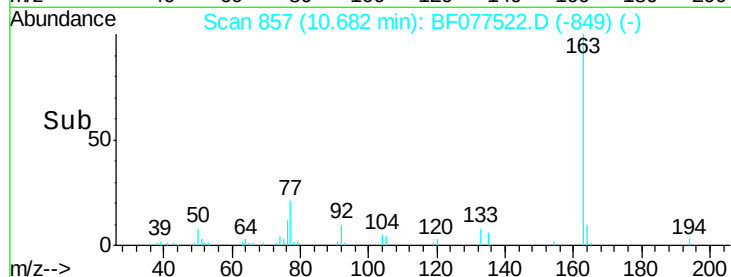
SB10



Tgt Ion:	163	Resp:	32947
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.6	4.0
164	10.2	8.6	13.0

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#63

Phenanthrene-d10

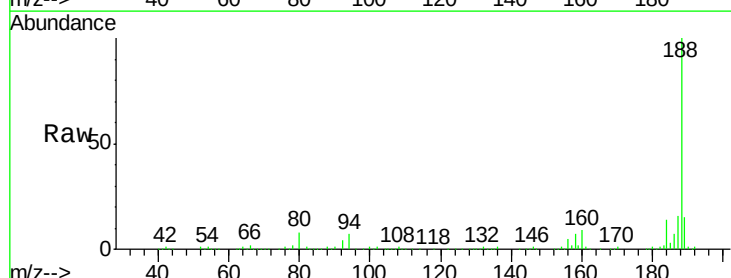
Concen: 20.00 ng

RT: 12.85 min Scan# 1047

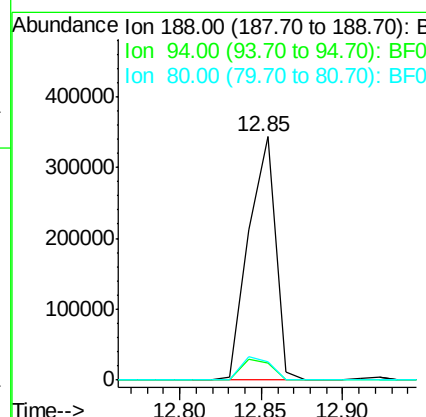
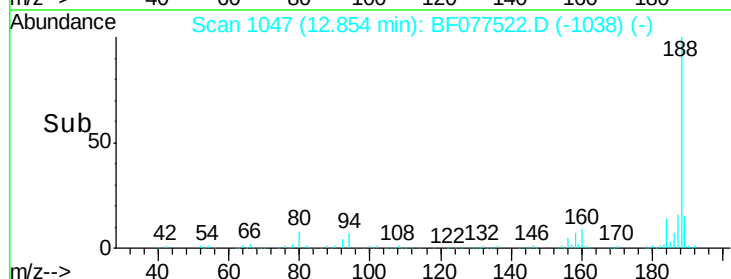
Delta R.T. 0.00 min

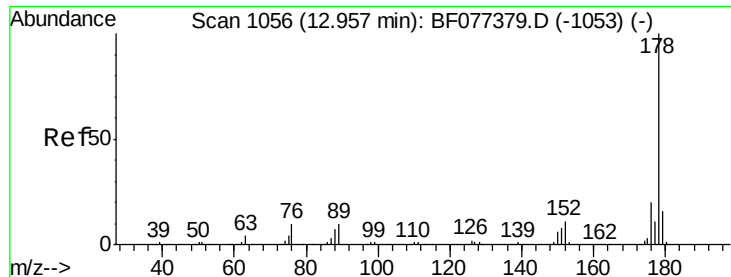
Lab File: BF077522.D

Acq: 2 Mar 2015 15:08



Tgt Ion:	188	Resp:	392443
Ion Ratio	Lower	Upper	
188	100		
94	7.1	7.4	11.2#
80	7.7	8.0	12.0#





#70

Phenanthrene

Concen: 8.46 ng

RT: 12.88 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

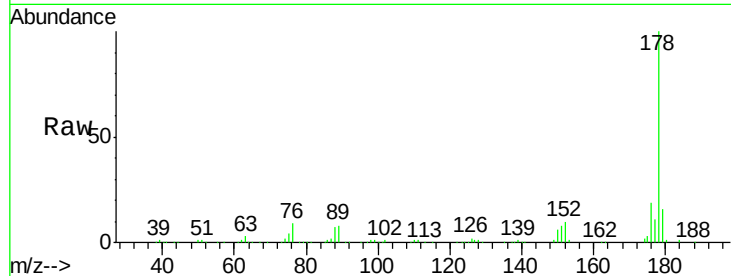
ClientSampleId :

SB10

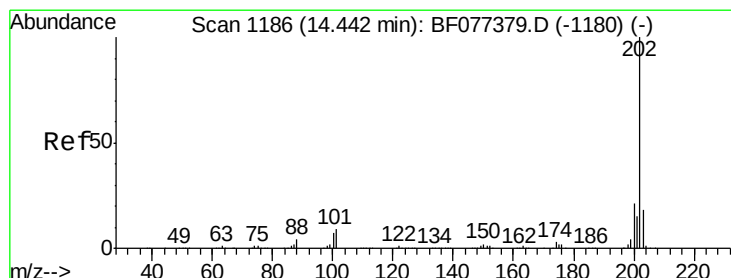
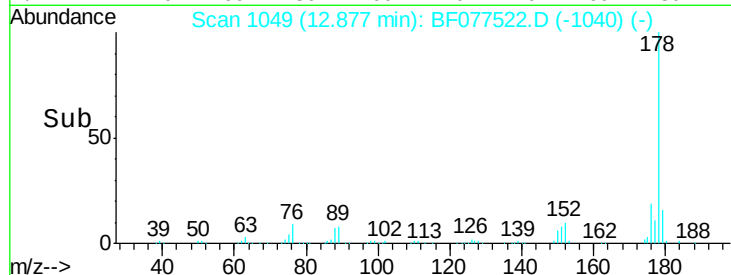
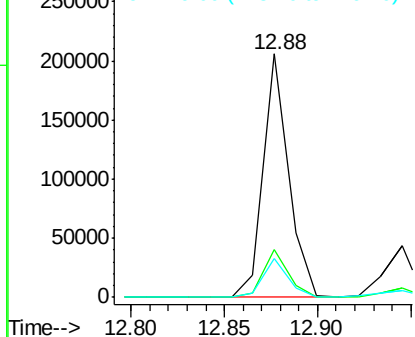
Tgt Ion:	178	Resp:	192443
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.5	23.3
179	15.8	12.2	18.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 13.59 ng

RT: 14.36 min Scan# 1178

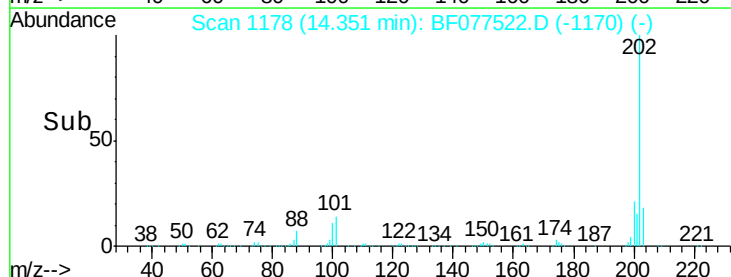
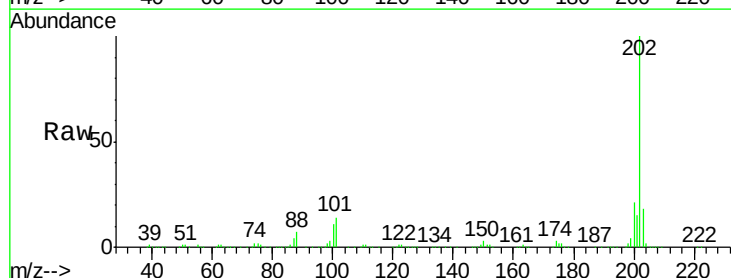
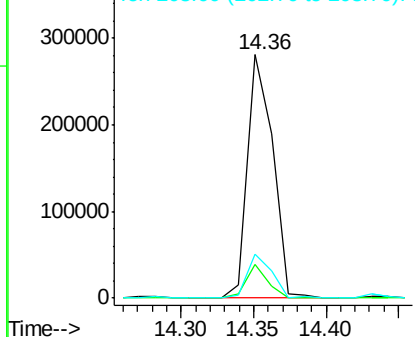
Delta R.T. 0.00 min

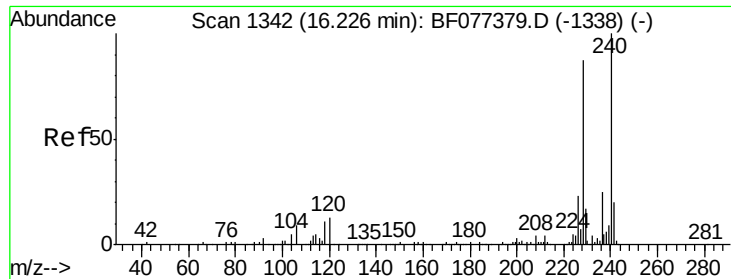
Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Tgt Ion:	202	Resp:	337745
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	30.8
203	17.9	0.0	37.7

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.15 min Scan# 1336

Delta R.T. 0.02 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

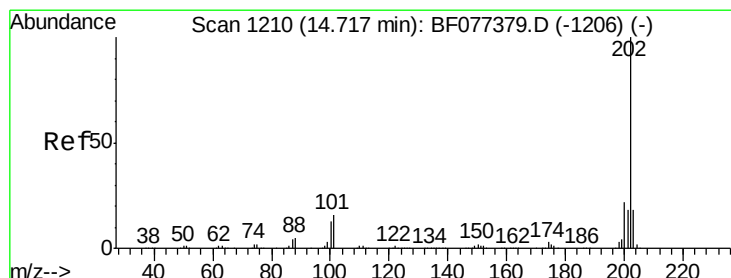
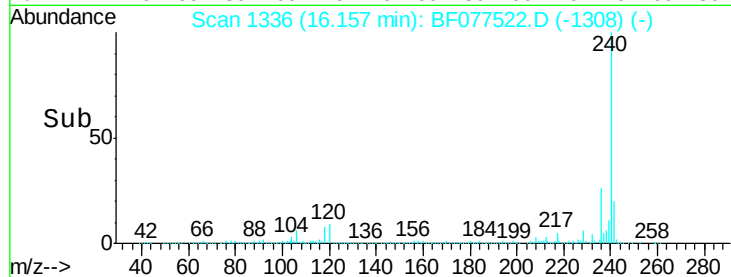
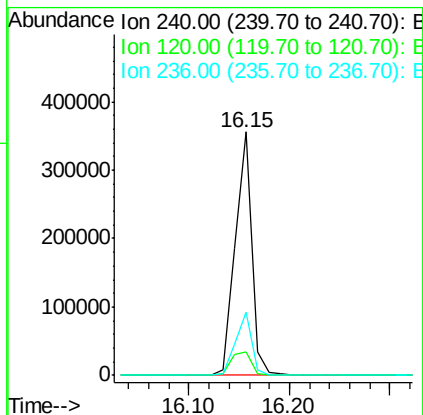
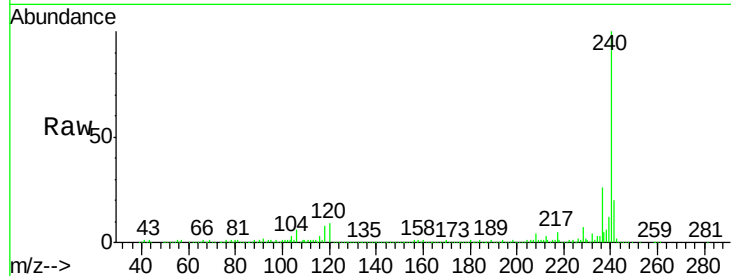
ClientSampleId :

SB10

Tgt Ion:	240	Resp:	406901
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.8	13.2
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 14.99 ng

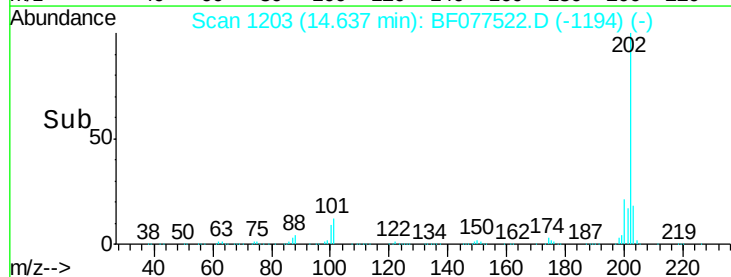
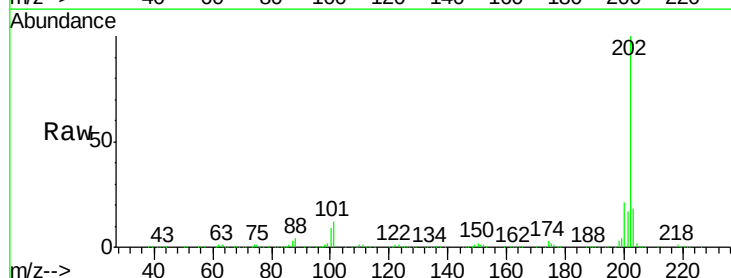
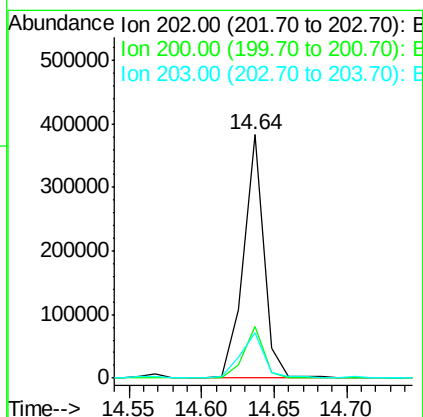
RT: 14.64 min Scan# 1203

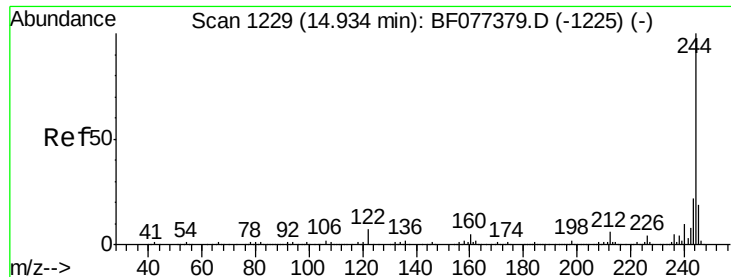
Delta R.T. 0.00 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Tgt Ion:	202	Resp:	373023
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.1	25.7
203	18.4	14.2	21.2





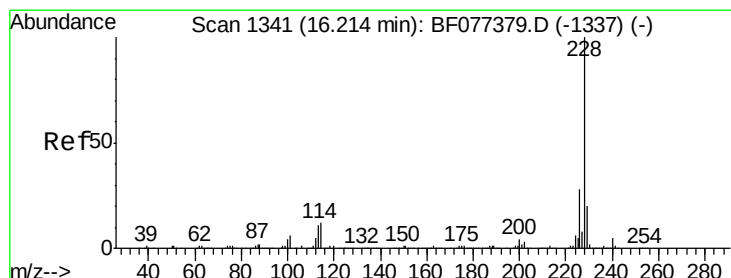
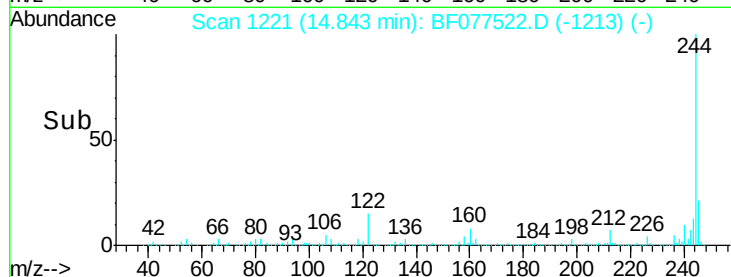
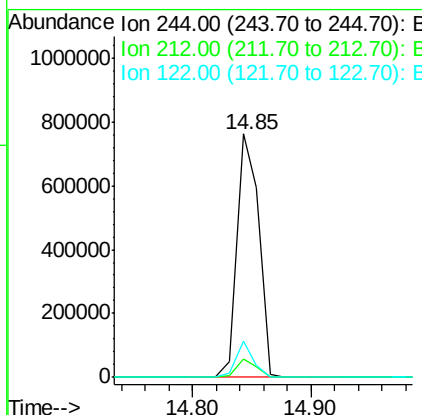
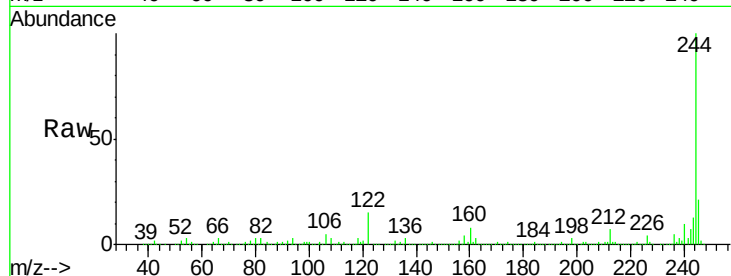
#78
 Terphenyl-d14
 Concen: 56.09 ng
 RT: 14.85 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Instrument :
 BNA_F
 ClientSampled :
 SB10

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	976238		
212	7.3	5.2	7.8	
122	15.1	7.8	11.8	

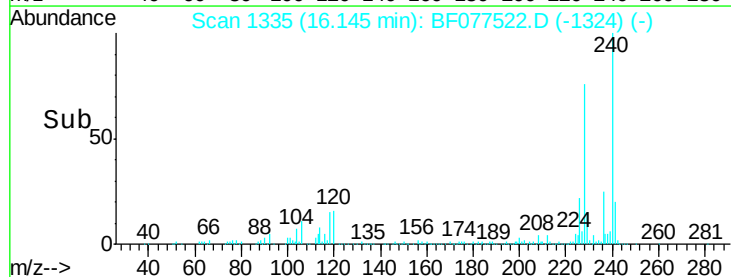
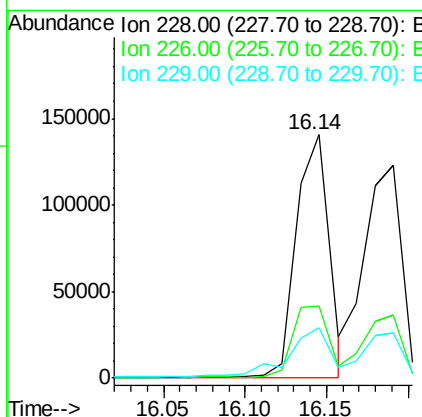
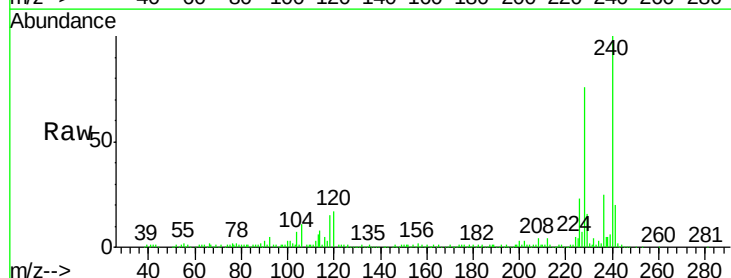
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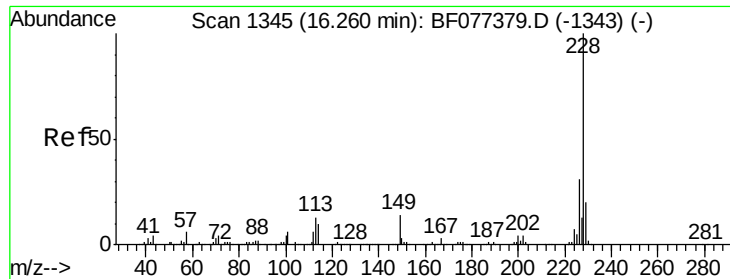
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#80
 Benzo(a)anthracene
 Concen: 8.20 ng
 RT: 16.14 min Scan# 1335
 Delta R.T. 0.02 min
 Lab File: BF077522.D
 Acq: 2 Mar 2015 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	195648		
226	29.7	22.0	33.0	
229	20.6	15.8	23.8	





#82

Chrysene

Concen: 8.68 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

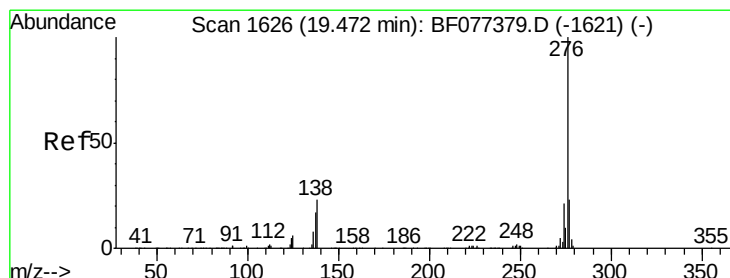
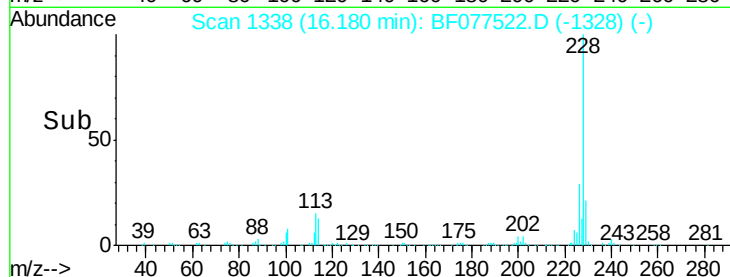
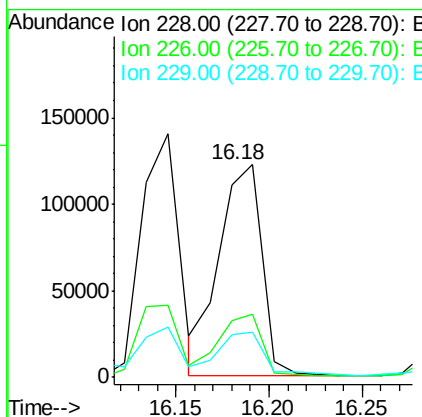
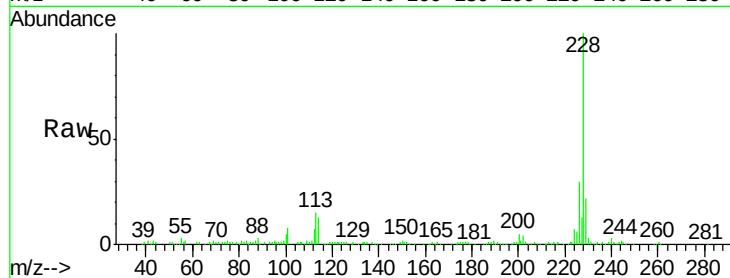
ClientSampleId :

SB10

Tgt Ion:	228	Resp:	194338
Ion Ratio		Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.1	16.4	24.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.36 ng m

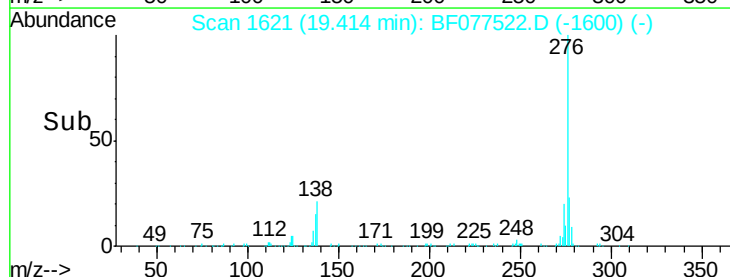
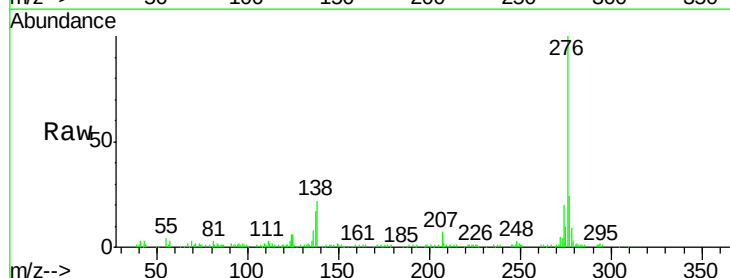
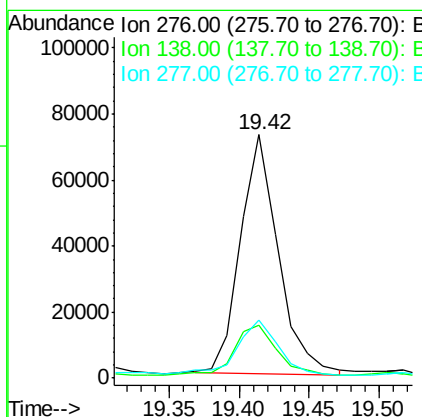
RT: 19.41 min Scan# 1621

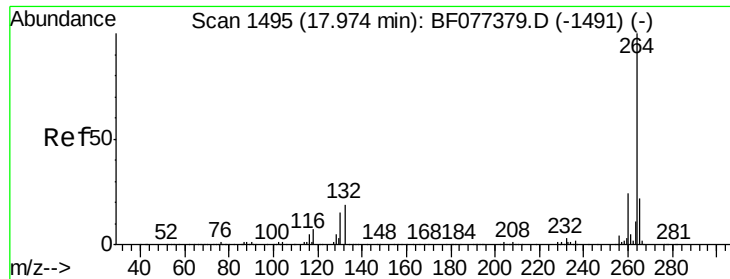
Delta R.T. 0.14 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Tgt Ion:	276	Resp:	136813
Ion Ratio		Lower	Upper
276	100		
138	4.3	21.2	31.8#
277	4.6	20.0	30.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.96 min Scan# 1494

Delta R.T. 0.13 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

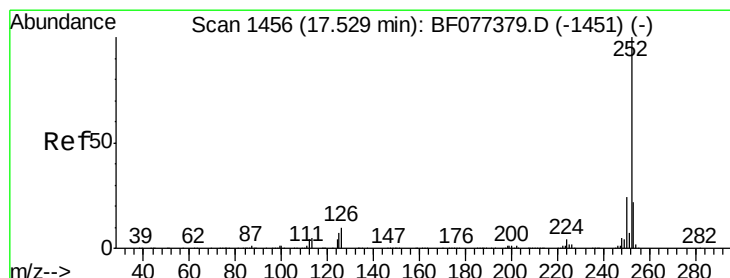
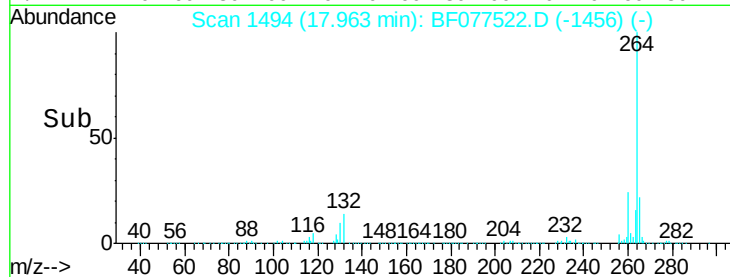
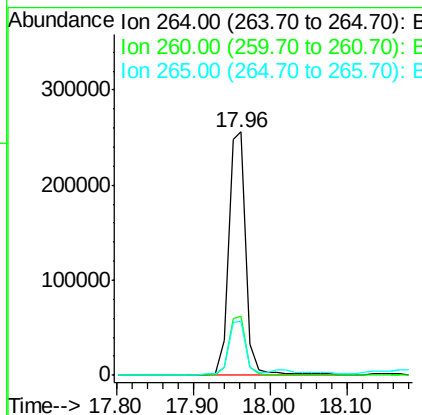
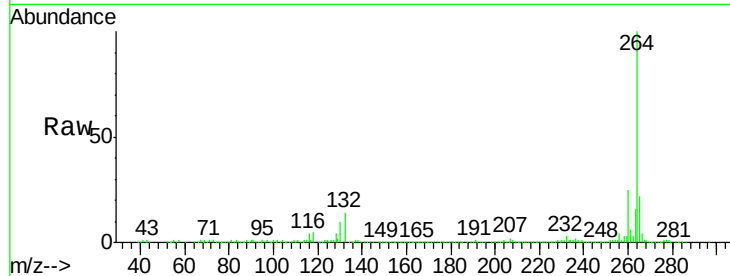
ClientSampleId :

SB10

Tgt Ion:	264	Resp:	411446
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.3	28.9
265	22.1	16.8	25.2

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#87

Benzo(b)fluoranthene

Concen: 10.29 ng m

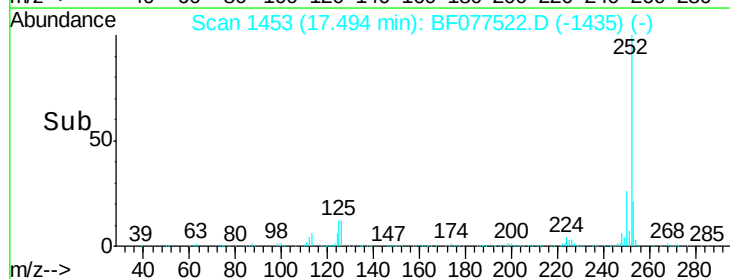
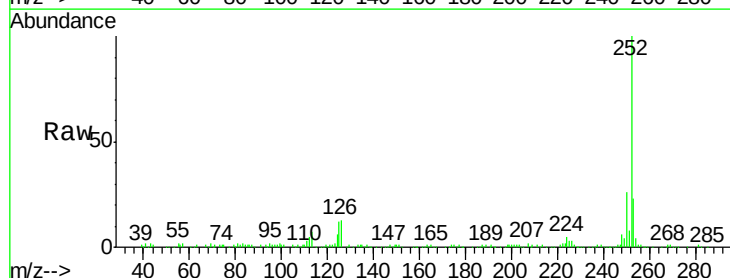
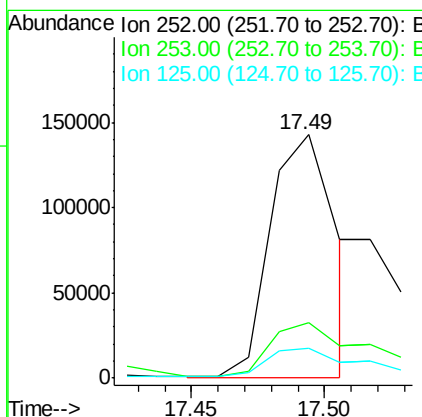
RT: 17.49 min Scan# 1453

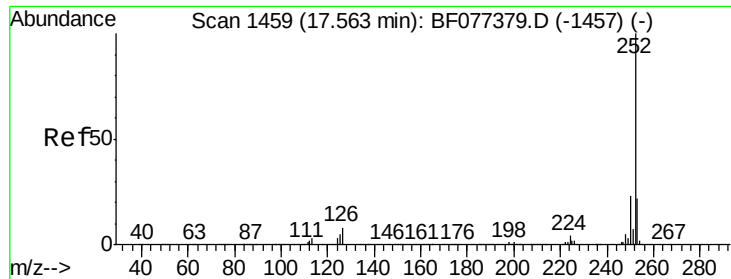
Delta R.T. 0.10 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Tgt Ion:	252	Resp:	246276
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	12.4	5.4	8.2#





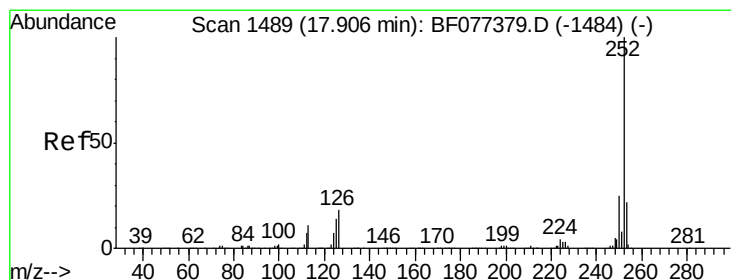
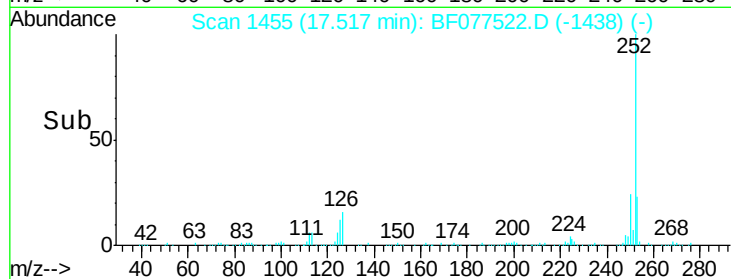
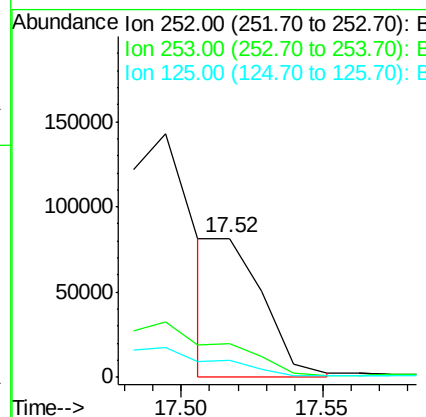
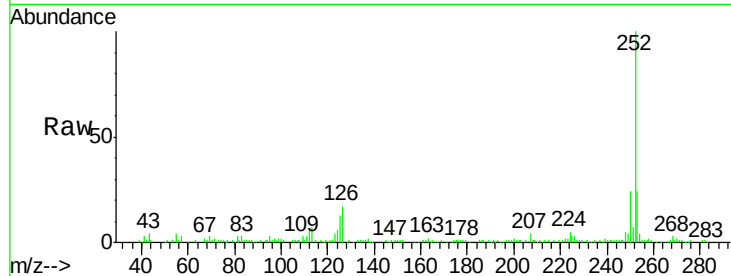
#88
Benzo(k)fluoranthene
Concen: 4.17 ng m
RT: 17.52 min Scan# 1455
Delta R.T. 0.09 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

Instrument :
BNA_F
ClientSampleId :
SB10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	12.7	10.1	15.1

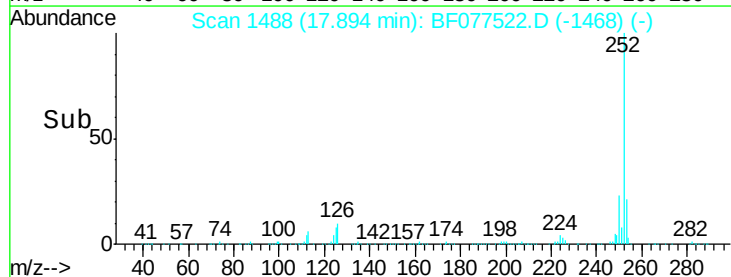
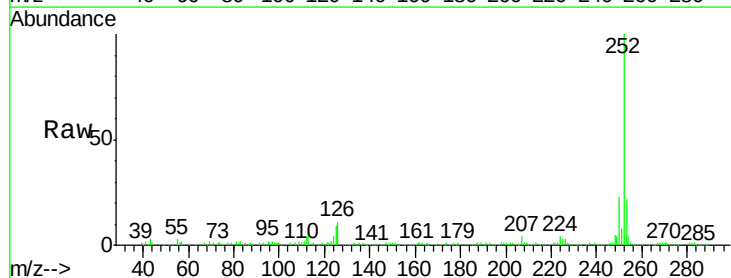
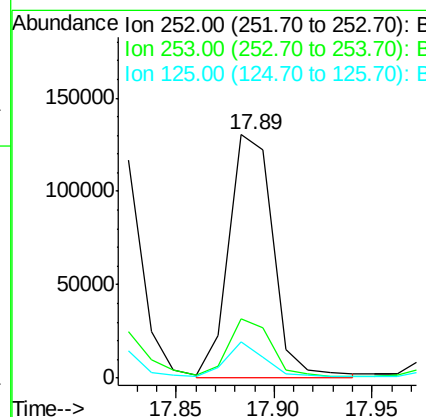
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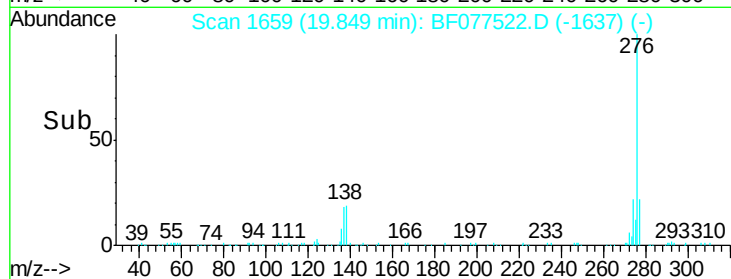
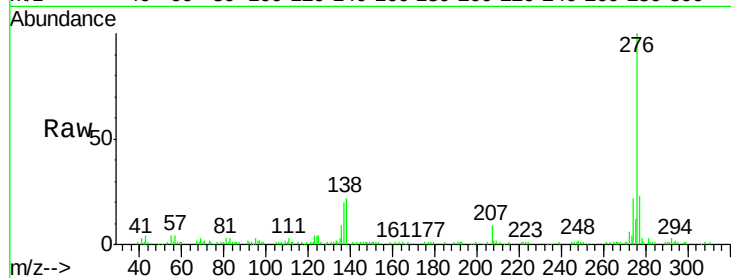
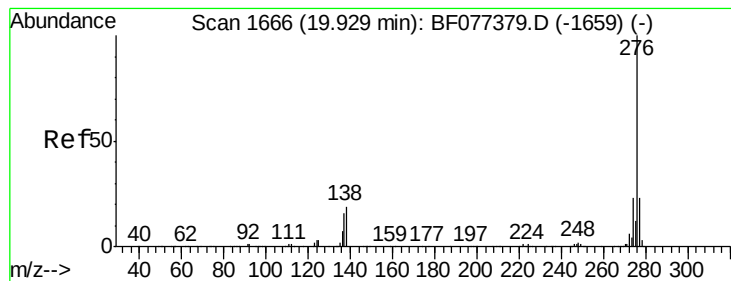
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#89
Benzo(a)pyrene
Concen: 9.04 ng m
RT: 17.89 min Scan# 1488
Delta R.T. 0.13 min
Lab File: BF077522.D
Acq: 2 Mar 2015 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	8.9	8.3	12.5





#91

Benzo(g,h,i)perylene

Concen: 6.54 ng

RT: 19.85 min Scan# 1659

Delta R.T. 0.14 min

Lab File: BF077522.D

Acq: 2 Mar 2015 15:08

Instrument :

BNA_F

ClientSampleId :

SB10

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.3	18.9	28.3	
138	21.7	20.5	30.7	

Manual Integrations
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