

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079754.D
 Acq On : 6 Jun 2015 4:31
 Operator : TP/IZ
 Sample : G2457-15 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Manual Integrations
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Quant Time: Jun 08 16:13:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:29:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	50486	20.00	ng	-0.01
21) Naphthalene-d8	8.79	136	207850	20.00	ng	0.00
38) Acenaphthene-d10	10.56	164	117526	20.00	ng	0.00
63) Phenanthrene-d10	12.07	188	234354	20.00	ng	0.00
75) Chrysene-d12	14.98	240	260438	20.00	ng	0.05
86) Perylene-d12	16.90	264	252616	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	44893	14.90	ng	0.00
7) Phenol-d6	7.07	99	56337	14.48	ng	-0.01
23) Nitrobenzene-d5	8.04	82	24757	7.31	ng	0.00
41) 2,4,6-Tribromophenol	11.36	330	12177	10.83	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	66773	7.70	ng	0.00
78) Terphenyl-d14	13.73	244	81120	7.13	ng	0.01
Target Compounds						Qvalue
70) Phenanthrene	12.09	178	34411	2.51	ng	98
74) Fluoranthene	13.34	202	70152	4.67	ng	97
77) Pyrene	13.59	202	74064	4.64	ng	98
80) Benzo(a)anthracene	14.96	228	44860	2.81	ng	93
82) Chrysene	15.01	228	37350	2.53	ng	97
87) Benzo(b)fluoranthene	16.32	252	45968m	2.93	ng	
89) Benzo(a)pyrene	16.81	252	38026	2.62	ng	# 92

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

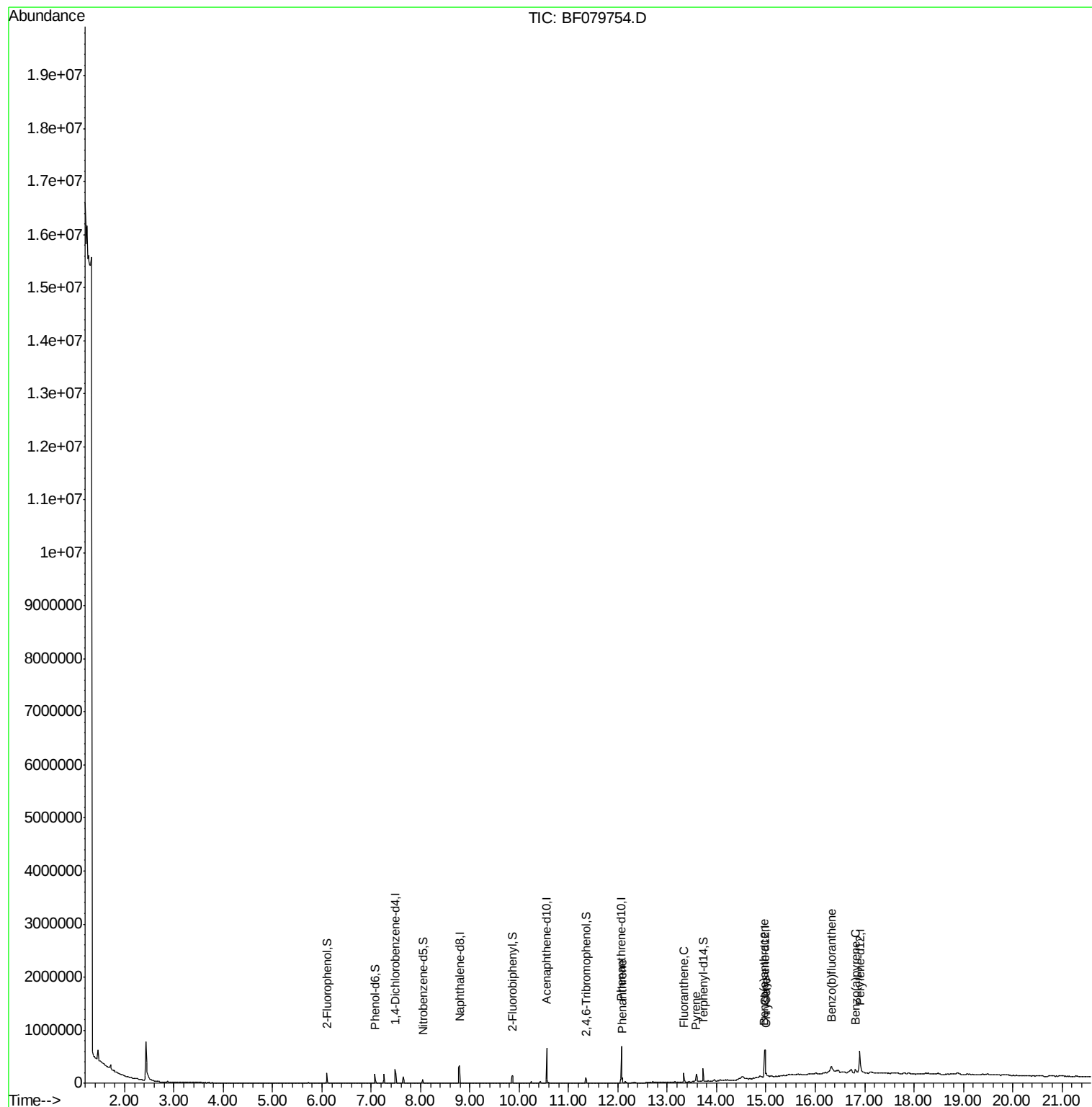
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079754.D
Acq On : 6 Jun 2015 4:31
Operator : TP/IZ
Sample : G2457-15 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

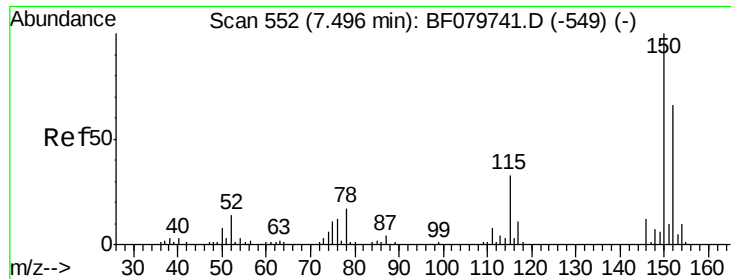
Instrument :
BNA_F
ClientSampleId :
SP-8

Quant Time: Jun 08 16:13:23 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 15:29:07 2015
Response via : Initial Calibration

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#1

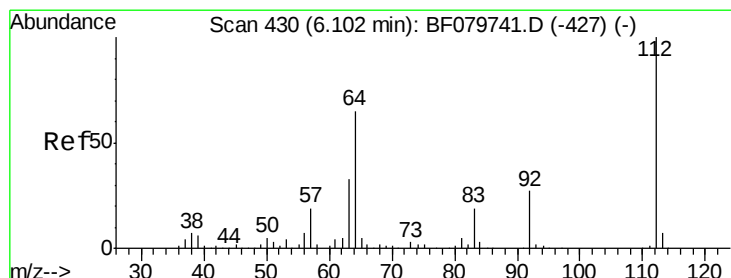
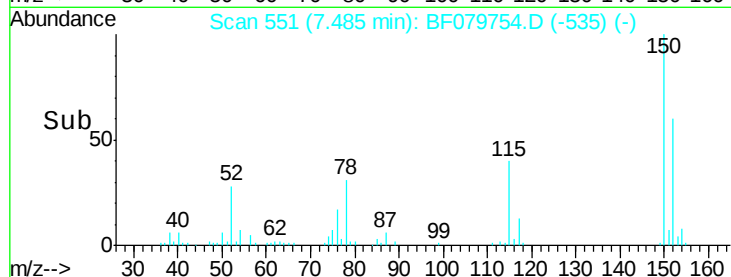
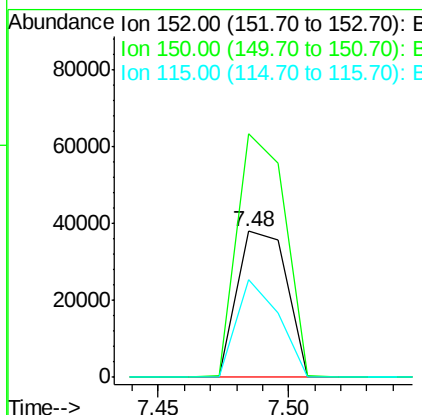
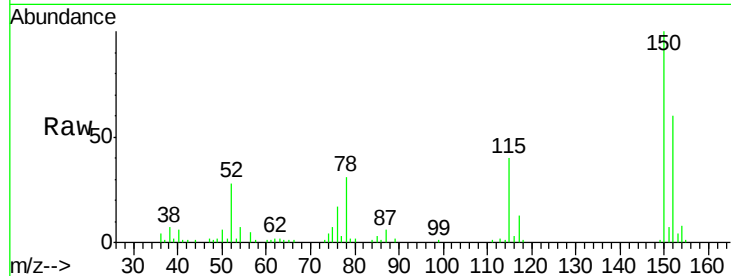
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampled :
SP-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.8	128.1	192.1
115	67.2	49.7	74.5

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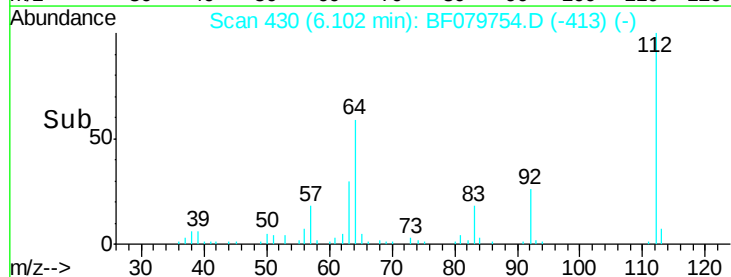
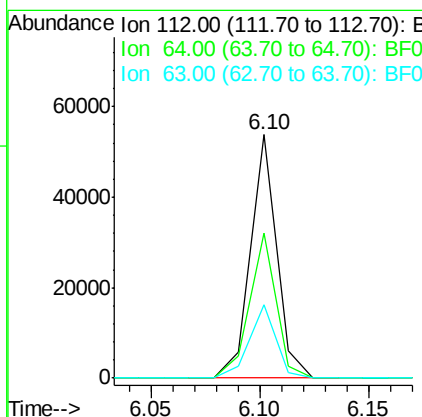
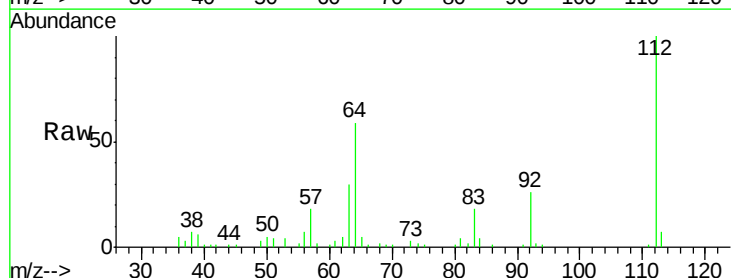
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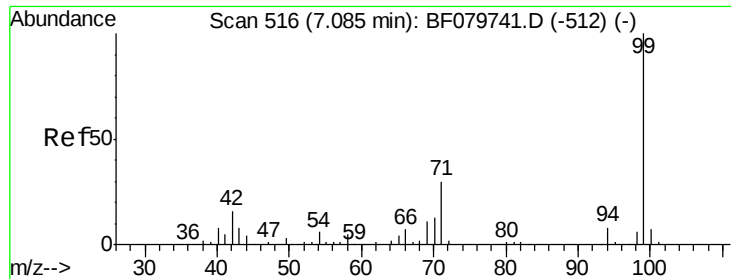


#5

2-Fluorophenol
Concen: 14.90 ng
RT: 6.10 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.6	74.4
63	30.4	24.9	37.3





#7

Phenol-d6

Concen: 14.48 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

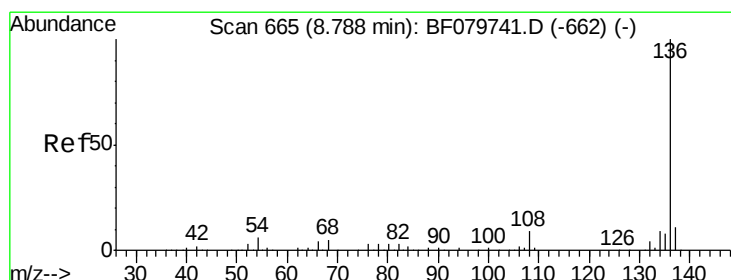
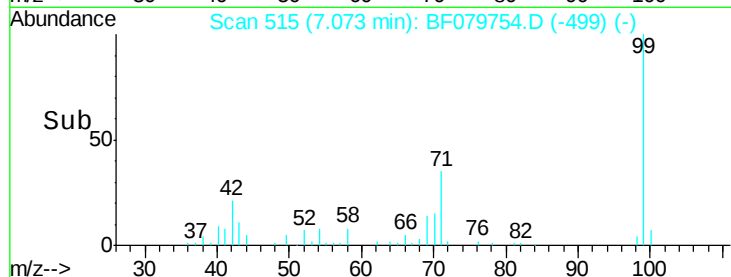
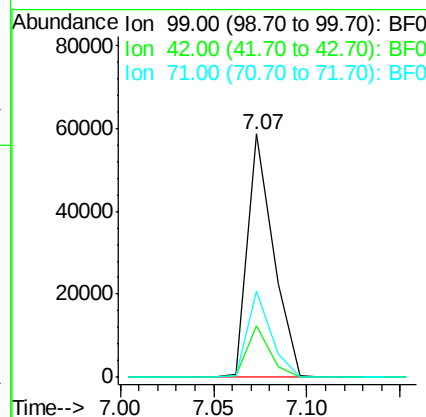
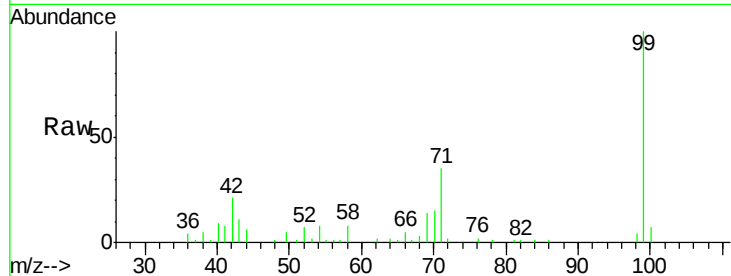
ClientSampled :

SP-8

Tot Ion:	99	Resp:	56337
Ion Ratio	Lower	Upper	
99	100		
42	21.1	18.0	27.0
71	35.3	28.4	42.6

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#21

Naphthalene-d8

Concen: 20.00 ng

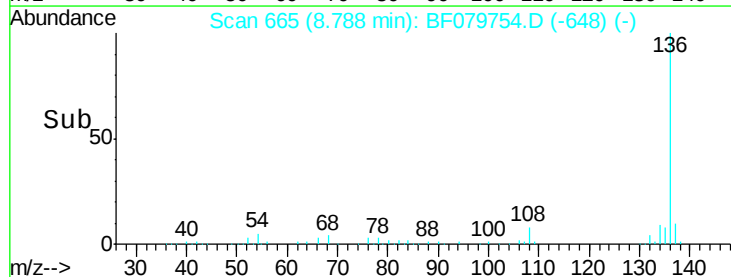
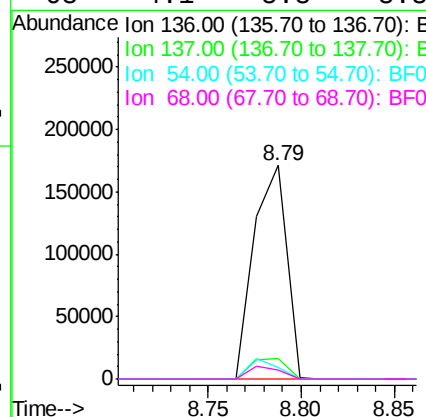
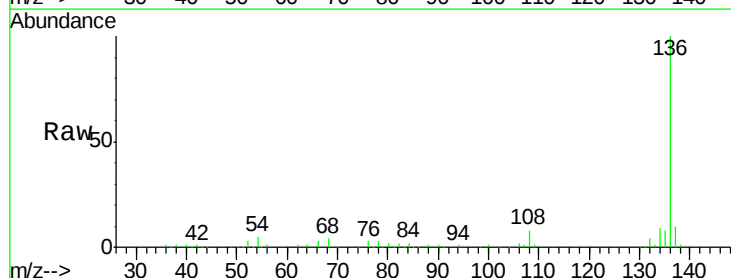
RT: 8.79 min Scan# 665

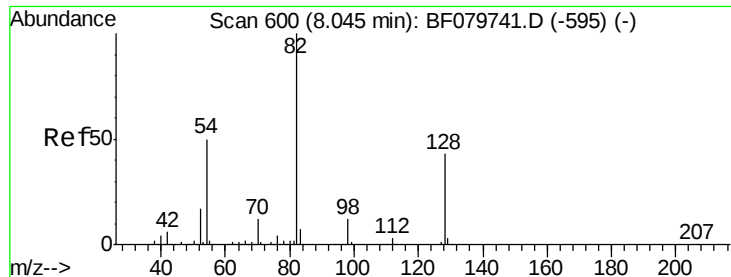
Delta R.T. -0.00 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Tgt Ion:	136	Resp:	207850
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.8	13.2
54	5.4	8.7	13.1#
68	4.1	5.8	8.8#





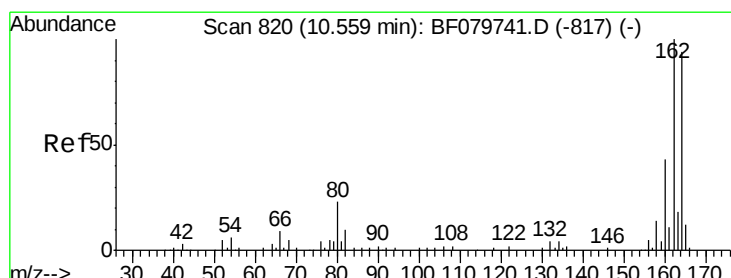
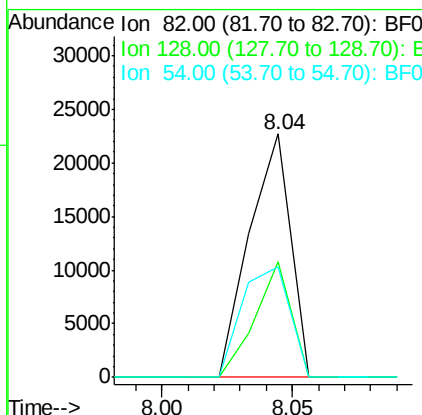
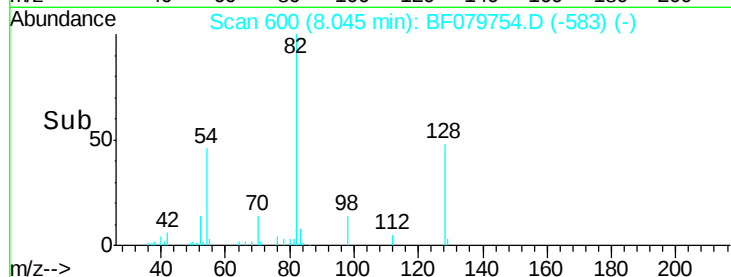
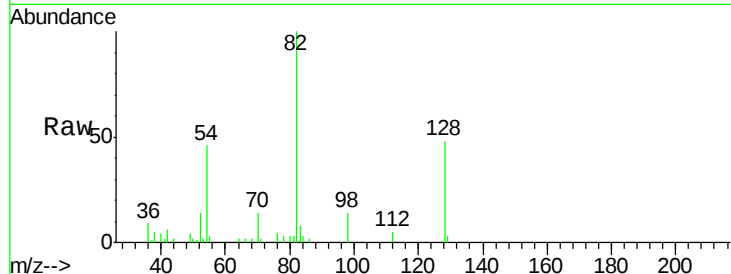
#23
Nitrobenzene-d5
Concen: 7.31 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.6	56.4
54	45.6	39.4	59.2

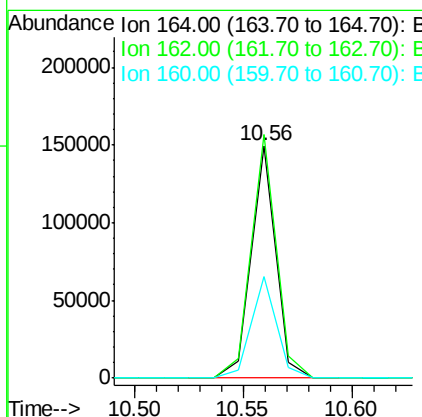
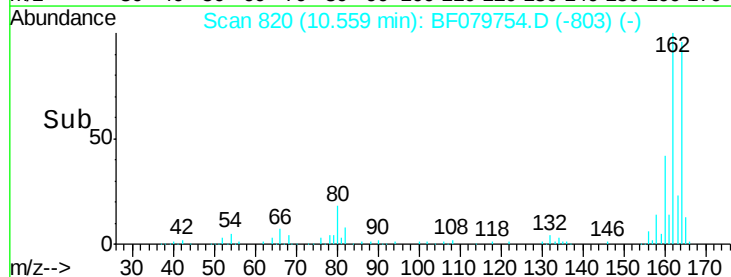
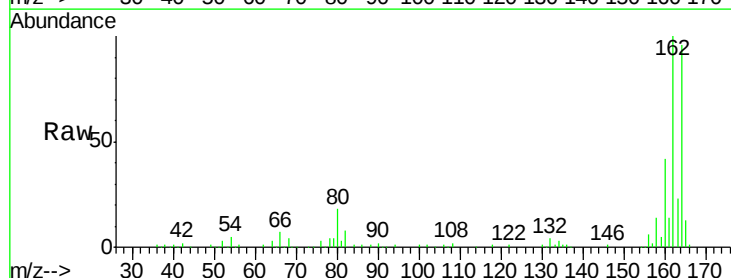
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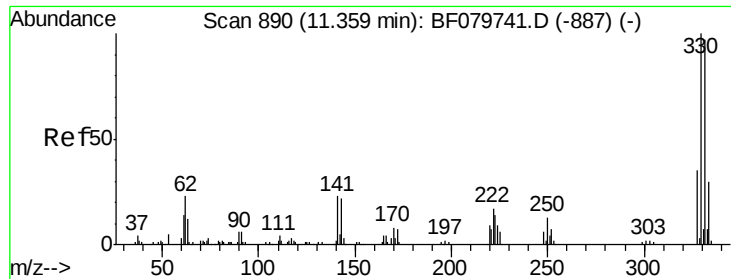
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	43.9	36.8	55.2





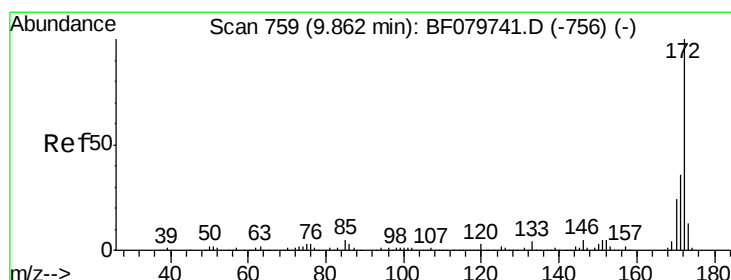
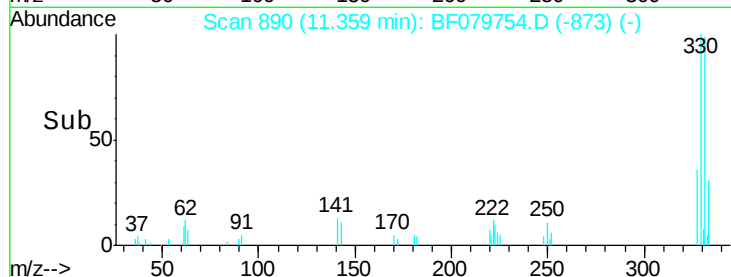
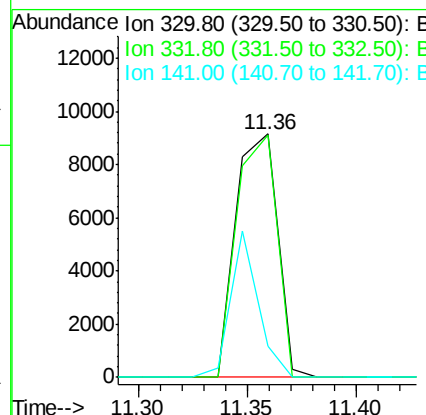
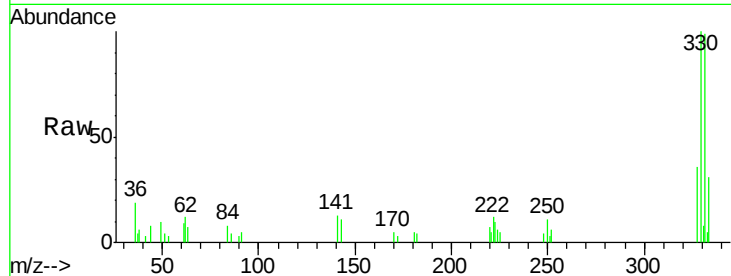
#41
 2,4,6-Tribromophenol
 Concen: 10.83 ng
 RT: 11.36 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-8

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.0
141	39.5	30.2	45.2

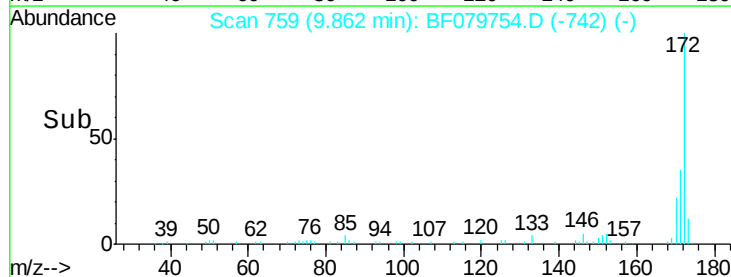
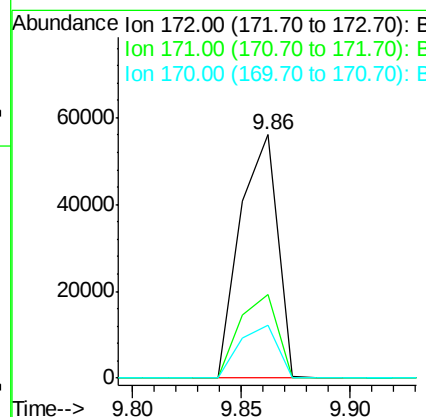
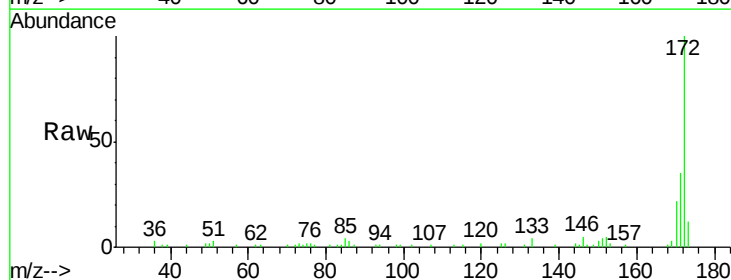
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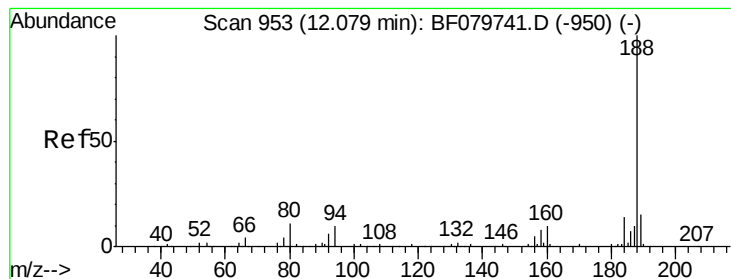
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#44
 2-Fluorobiphenyl
 Concen: 7.70 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF079754.D
 Acq: 6 Jun 2015 4:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.4	44.0
170	21.8	19.7	29.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.07 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

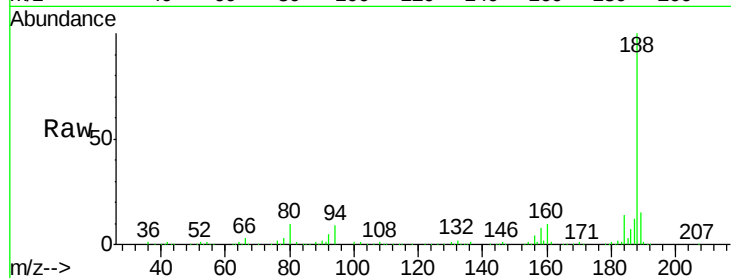
ClientSampled :

SP-8

Tot Ion	Ratio	Resp	Lower	Upper
188	100	234354		
94	8.9	5.0	7.4#	
80	10.0	5.3	7.9#	

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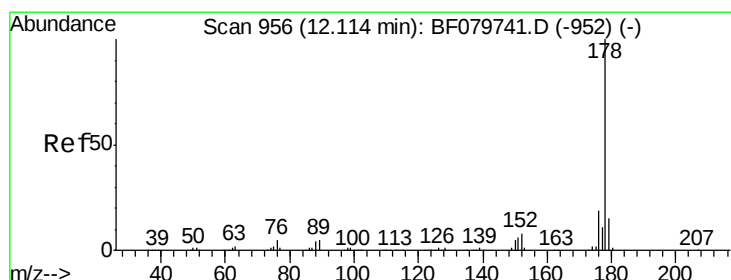
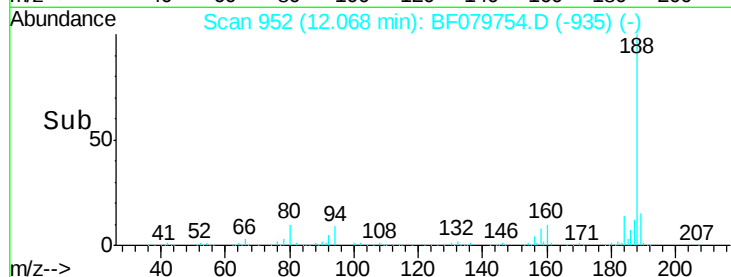
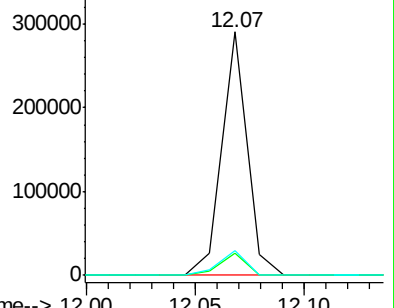
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 2.51 ng

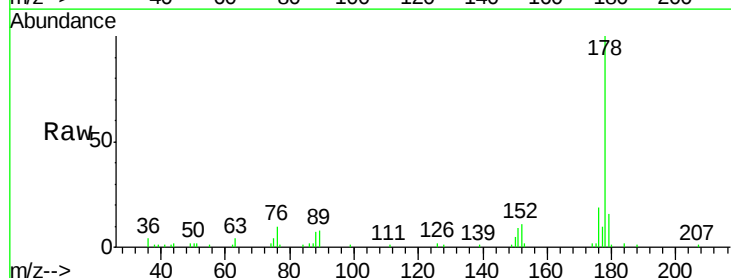
RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

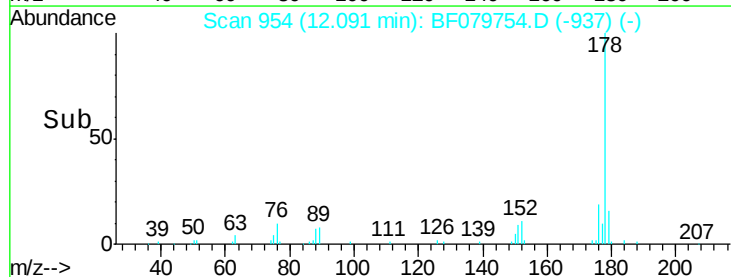
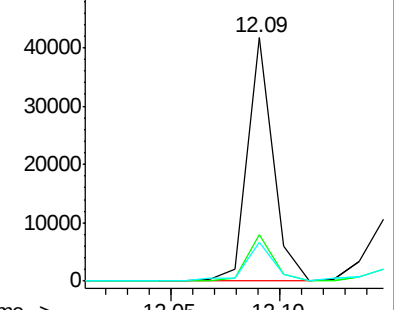
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	34411		
176	19.1	16.2	24.4	
179	16.0	12.6	19.0	

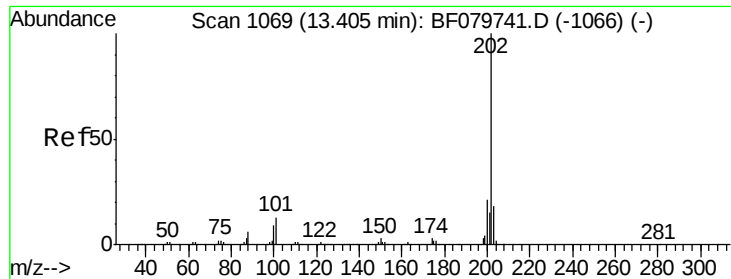


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 4.67 ng

RT: 13.34 min Scan# 1063

Delta R.T. 0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

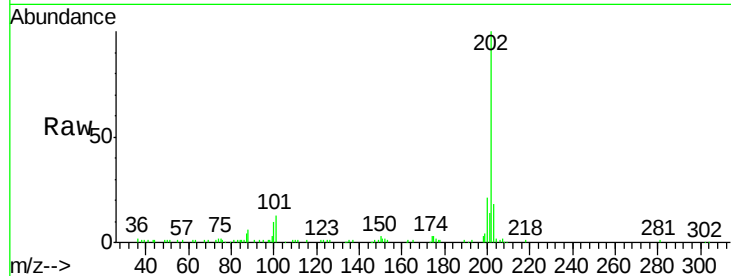
ClientSampled :

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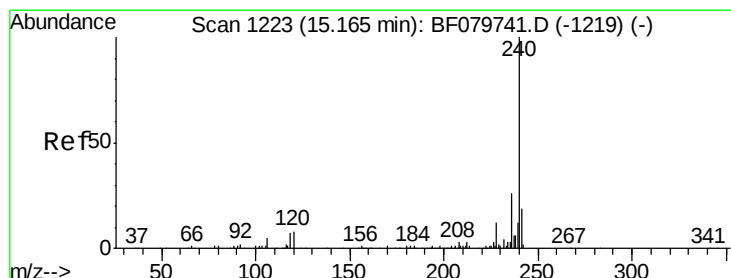
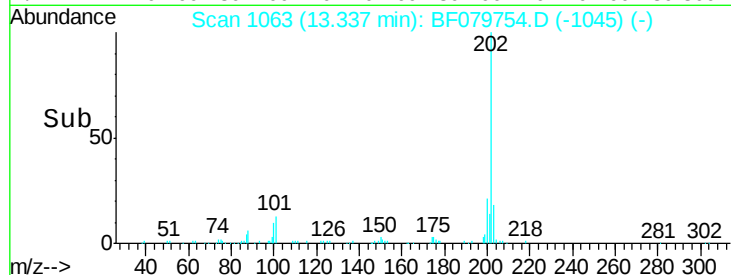
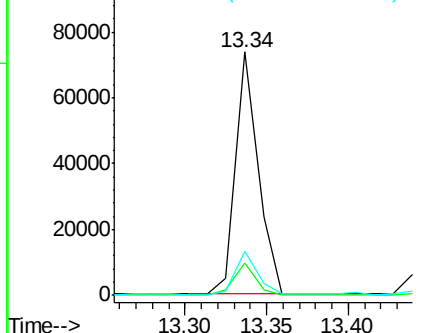
Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
101	13.3	0.0	31.3	
203	18.0	0.0	38.4	

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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

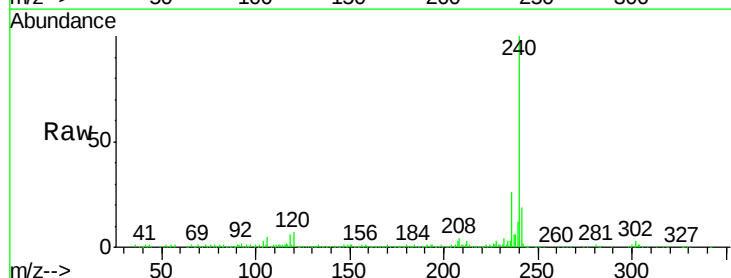
RT: 14.98 min Scan# 1207

Delta R.T. 0.05 min

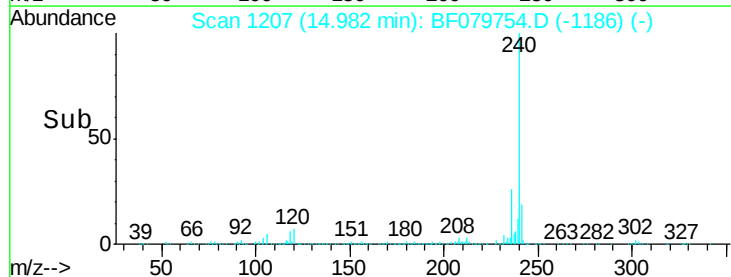
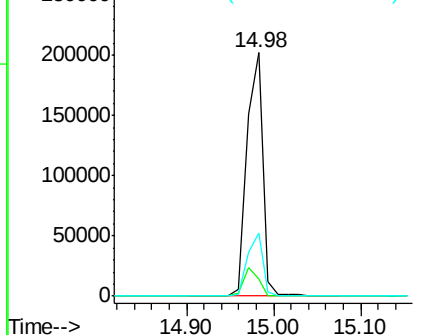
Lab File: BF079754.D

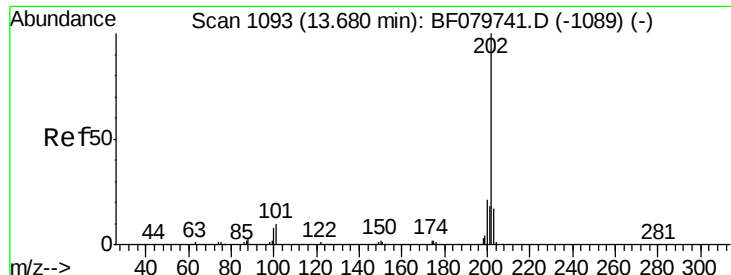
Acq: 6 Jun 2015 4:31

Tgt Ion	Ion	Ratio	Resp Lower	Upper
240	100			
120	7.1	6.2	9.2	
236	25.9	21.0	31.4	



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

Pvrene

Concen: 4.64 ng

RT: 13.59 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

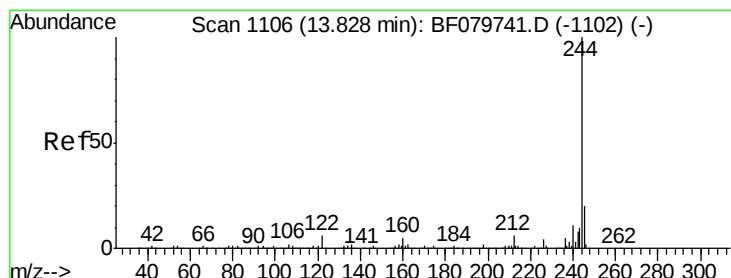
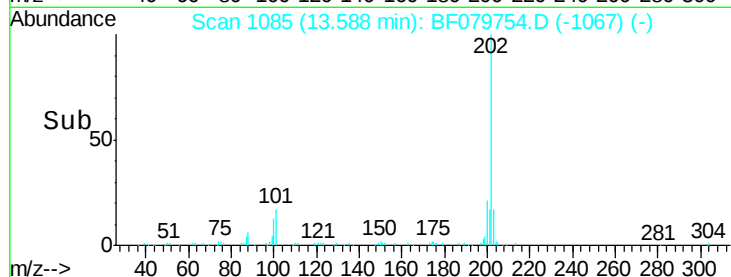
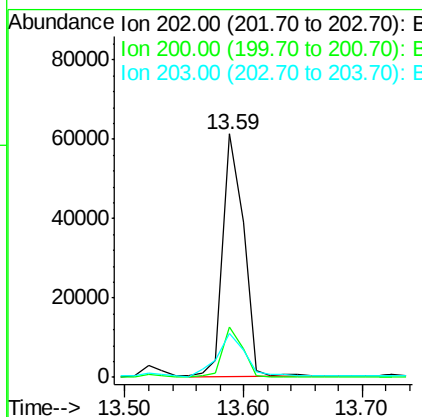
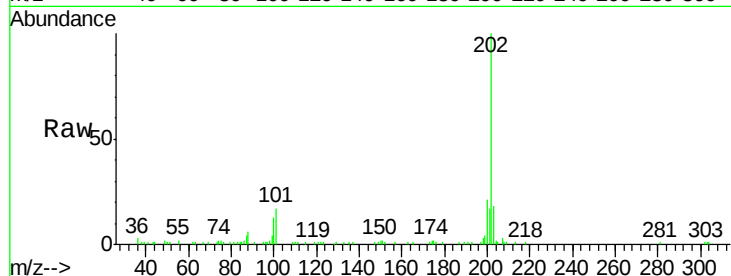
ClientSampleId :

SP-8

Tot Ion:	202	Resp:	74064
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.5	26.3
203	17.9	14.8	22.2

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#78

Terphenyl-d14

Concen: 7.13 ng

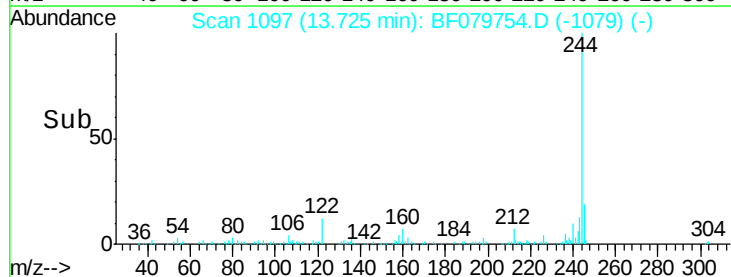
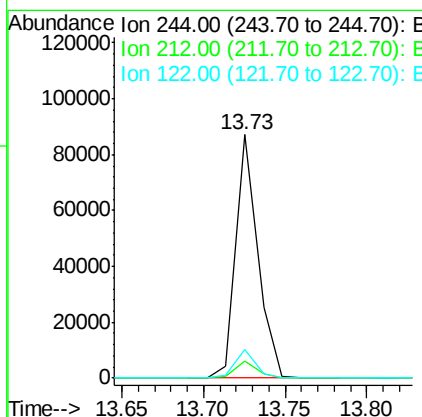
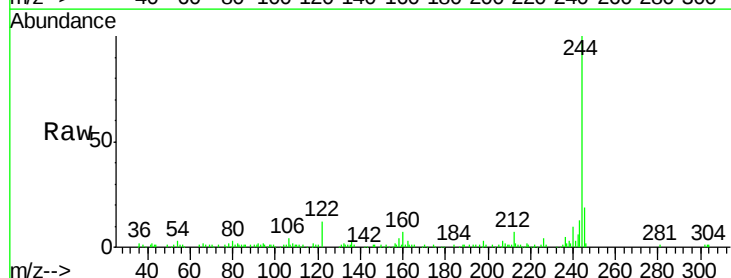
RT: 13.73 min Scan# 1097

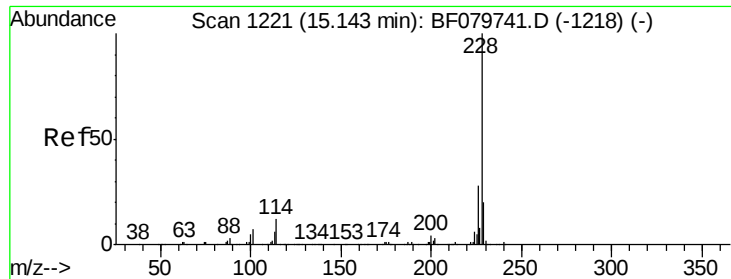
Delta R.T. 0.01 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Tgt Ion:	244	Resp:	81120
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.1	9.1
122	12.0	9.3	13.9





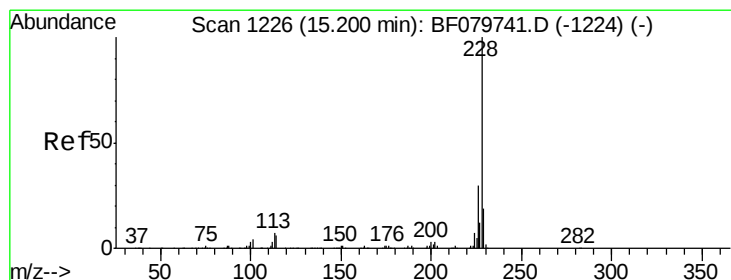
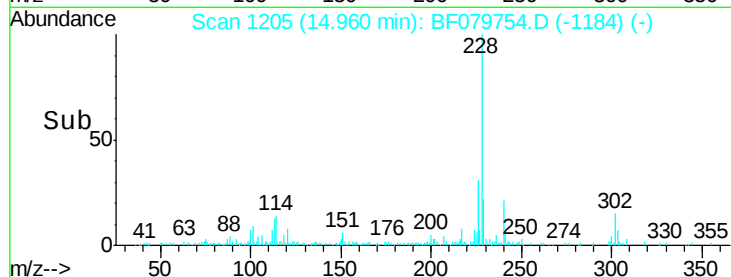
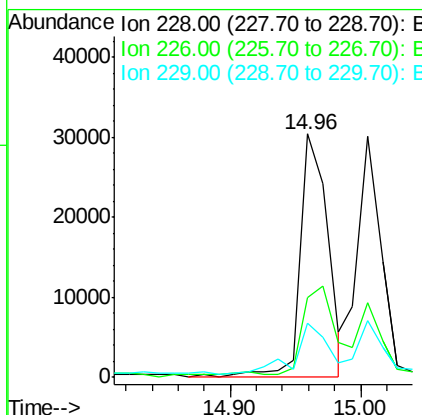
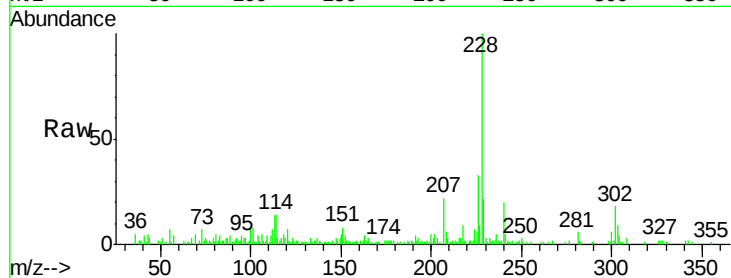
#80
Benzo(a)anthracene
Concen: 2.81 ng
RT: 14.96 min Scan# 1205
Delta R.T. 0.05 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.2	33.4
229	22.4	16.6	25.0

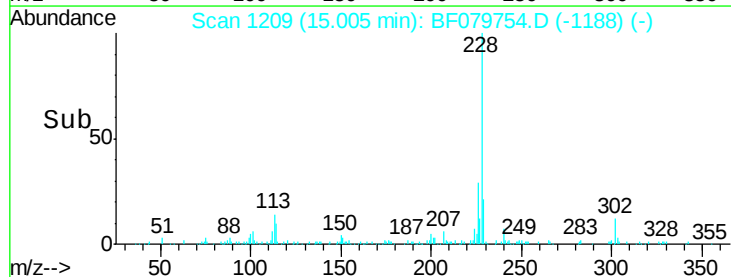
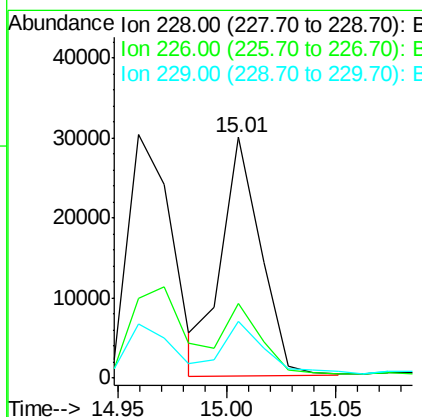
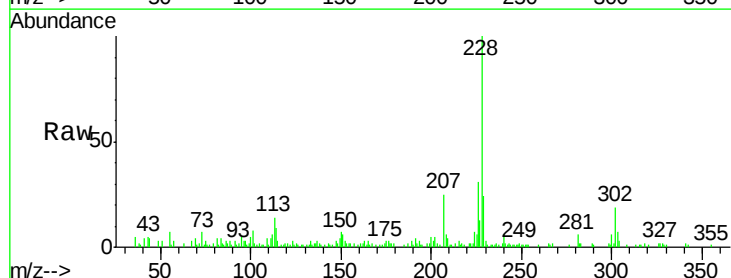
Manual Integrations
APPROVED

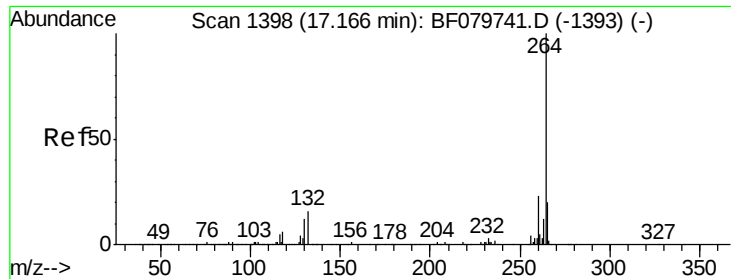
apatel
6/9/2015 8:10:38 AM



#82
Chrysene
Concen: 2.53 ng
RT: 15.01 min Scan# 1209
Delta R.T. 0.05 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	23.6	16.2	24.4





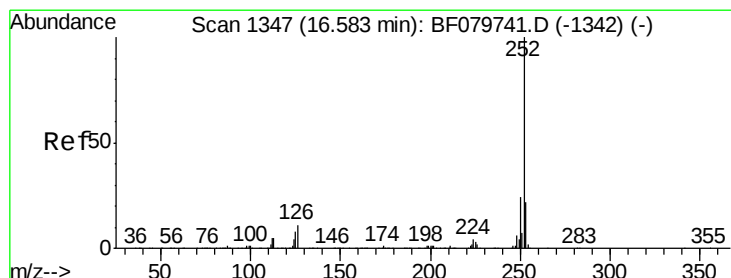
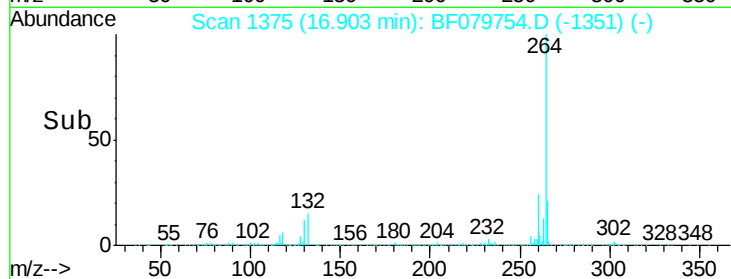
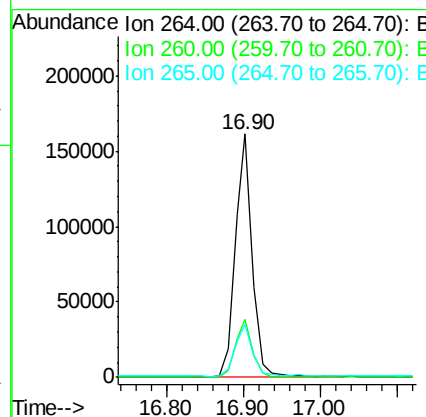
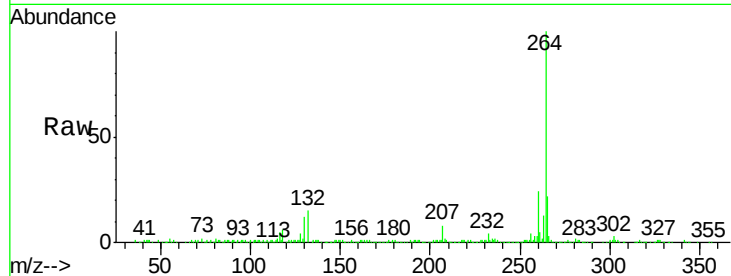
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.90 min Scan# 1375
Delta R.T. 0.08 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
SP-8

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.5	18.2	27.4

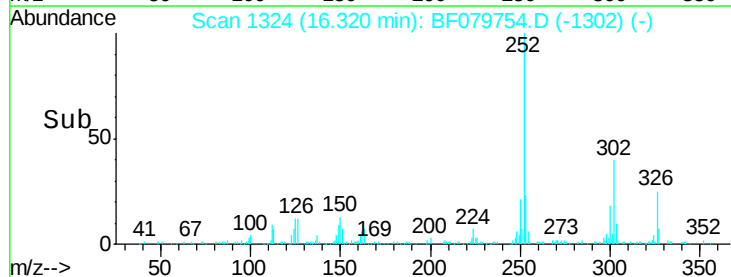
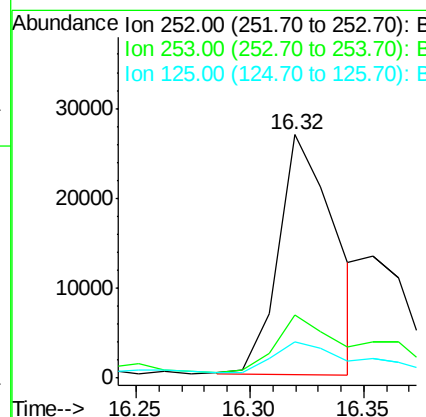
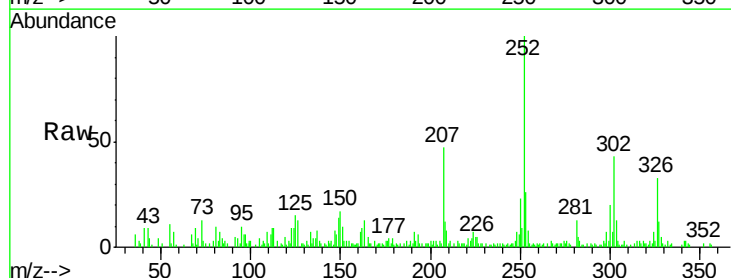
Manual Integrations
APPROVED

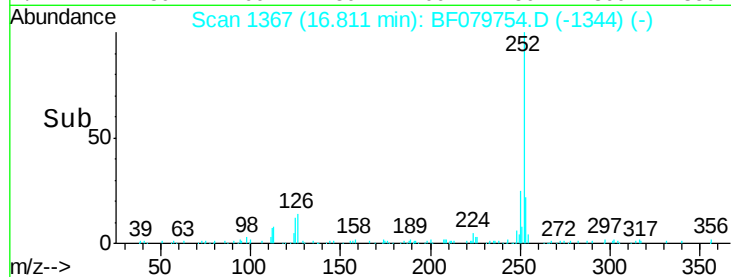
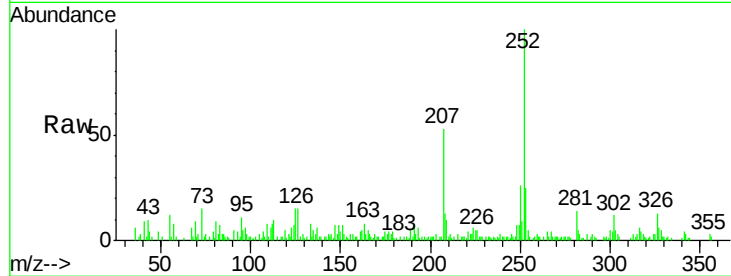
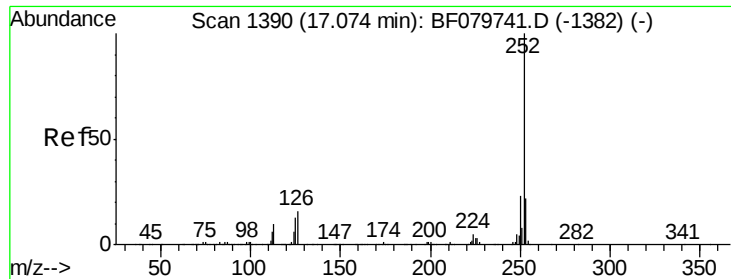
apatel
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#87
Benzo(b)fluoranthene
Concen: 2.93 ng m
RT: 16.32 min Scan# 1324
Delta R.T. 0.06 min
Lab File: BF079754.D
Acq: 6 Jun 2015 4:31

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.8	17.4	26.2
125	15.1	6.5	9.7#





#89

Benzo(a)pyrene

Concen: 2.62 ng

RT: 16.81 min Scan# 1367

Delta R.T. 0.07 min

Lab File: BF079754.D

Acq: 6 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

SP-8

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	14.6	7.4	11.0

Manual Integrations
APPROVED

apatel
6/9/2015 8:10:38 AM

