

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
 Data File : BF078744.D
 Acq On : 23 Apr 2015 8:12
 Operator : TP/IZ
 Sample : G1938-17 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-79S

Manual Integrations
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Quant Time: Apr 23 08:54:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 07:27:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.78	152	18220	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	74035	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	39734	20.00	ng	0.00
63) Phenanthrene-d10	13.86	188	80375	20.00	ng	0.00
75) Chrysene-d12	17.74	240	95456	20.00	ng	0.00
86) Perylene-d12	19.47	264	98229	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	3.80	112	24888	22.52	ng	0.01
7) Phenol-d6	5.29	99	35193	25.41	ng	0.00
23) Nitrobenzene-d5	6.73	82	20837	17.06	ng	0.00
41) 2,4,6-Tribromophenol	12.61	330	6617	20.08	ng	0.00
44) 2-Fluorobiphenyl	9.96	172	47101	16.94	ng	0.00
78) Terphenyl-d14	16.40	244	61724	14.61	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	13.91	178	10204	2.19	ng	97
74) Fluoranthene	15.81	202	25348	5.17	ng	91
77) Pyrene	16.11	202	25138	4.20	ng	95
80) Benzo(a)anthracene	17.73	228	16550	2.91	ng	98
82) Chrysene	17.77	228	12494	2.34	ng	96
85) Indeno(1,2,3-cd)pyrene	20.67	276	12404m	2.05	ng	
87) Benzo(b)fluoranthene	19.04	252	21095m	3.47	ng	
89) Benzo(a)pyrene	19.42	252	14547	2.75	ng	# 93
91) Benzo(g,h,i)perylene	20.98	276	12175m	2.29	ng	

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

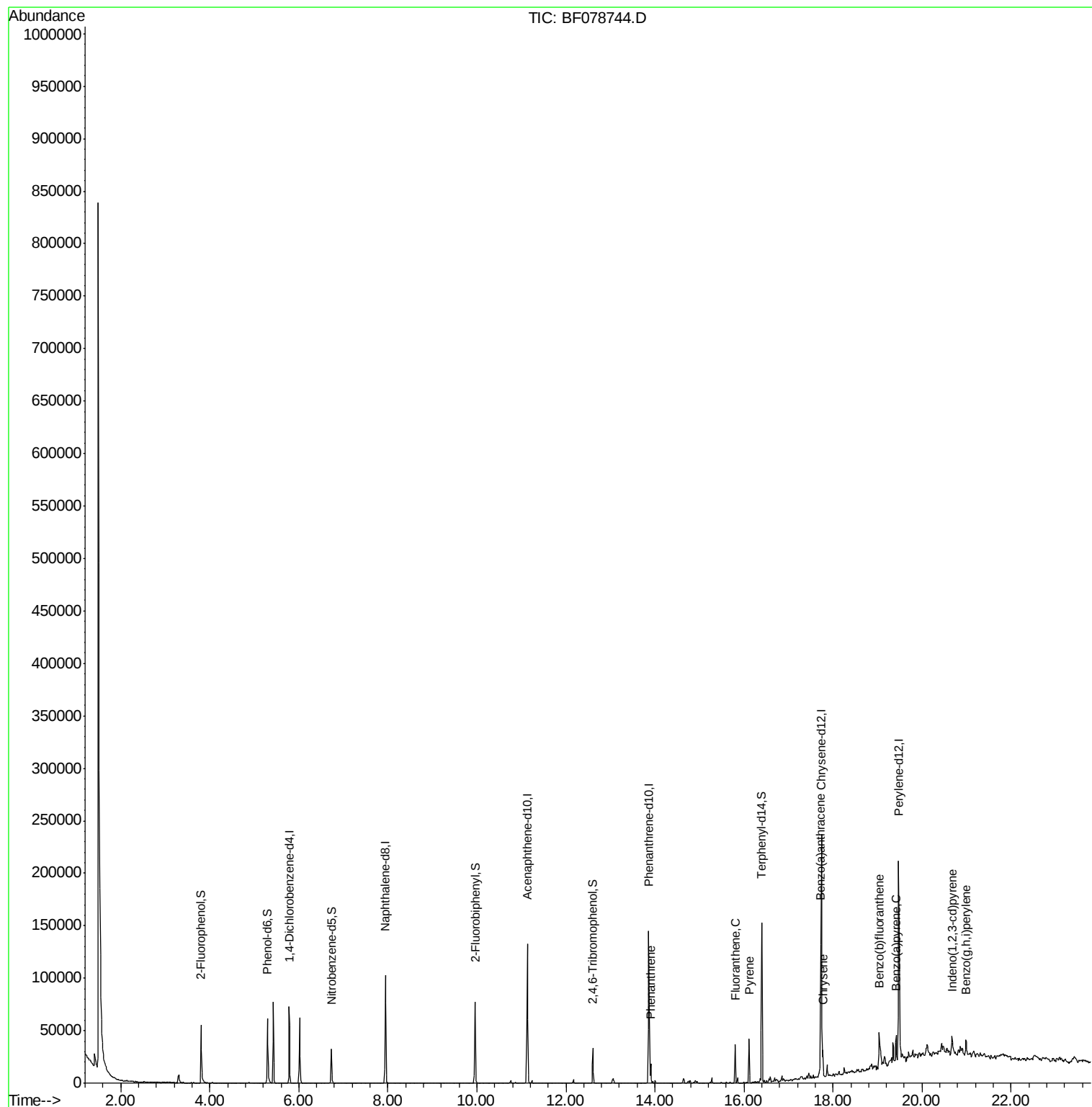
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078744.D
Acq On : 23 Apr 2015 8:12
Operator : TP/IZ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

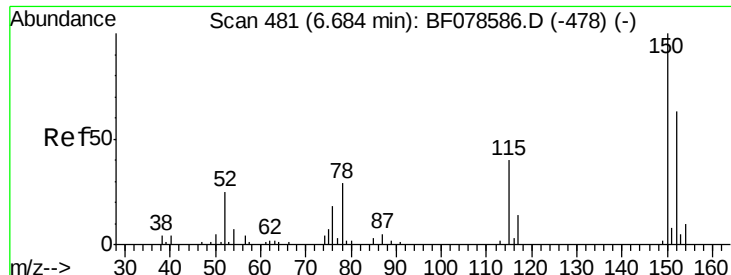
Instrument :
BNA_F
ClientSampleId :
SB-79S

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Quant Time: Apr 23 08:54:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 07:27:59 2015
Response via : Initial Calibration





#1

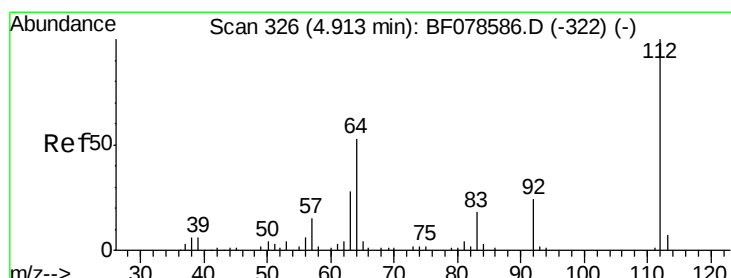
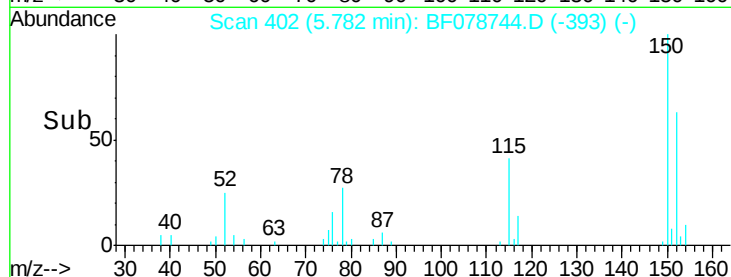
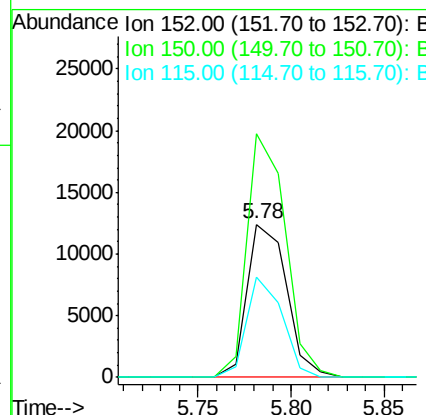
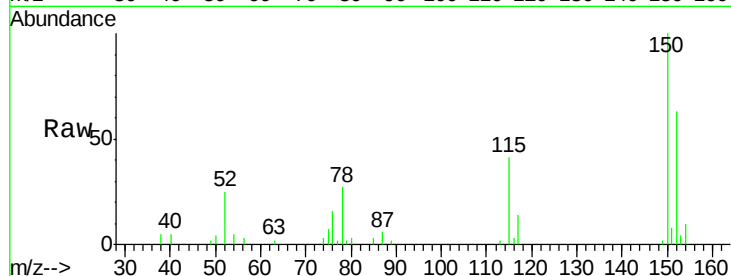
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.78 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF078744.D
Acq: 23 Apr 2015 8:12

Instrument :
BNA_F
ClientSampled :
SB-79S

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.9	188.9
115	65.7	52.7	79.1

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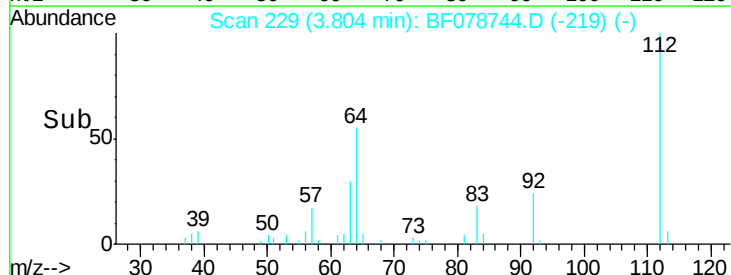
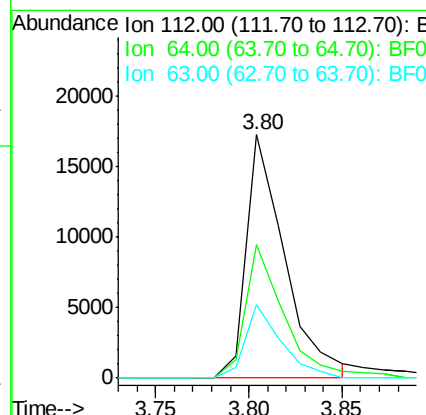
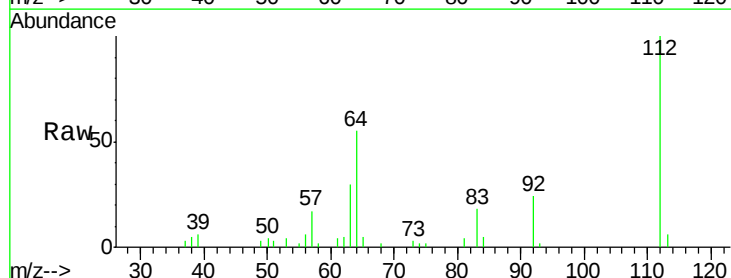
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#5

2-Fluorophenol
Concen: 22.52 ng
RT: 3.80 min Scan# 229
Delta R.T. 0.01 min
Lab File: BF078744.D
Acq: 23 Apr 2015 8:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	39.9	59.9
63	30.1	20.2	30.4





#7

Phenol-d6

Concen: 25.41 ng

RT: 5.29 min Scan# 359

Delta R.T. -0.00 min

Lab File: BF078744.D

Acq: 23 Apr 2015 8:12

Instrument :

BNA_F

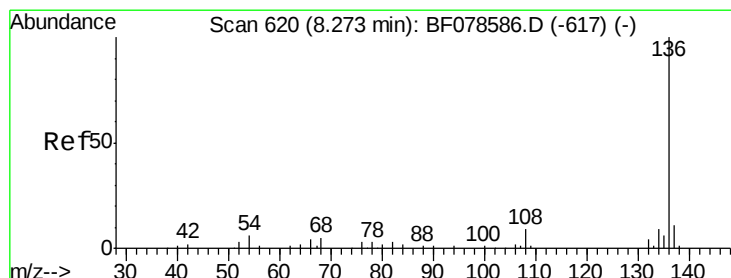
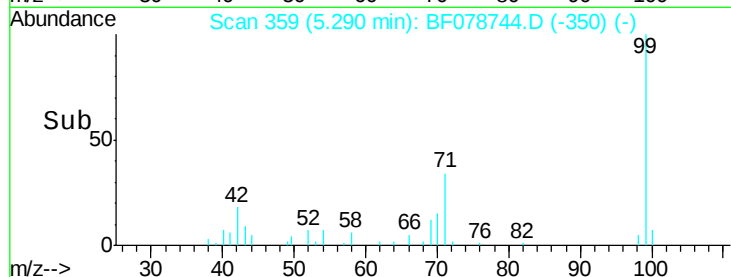
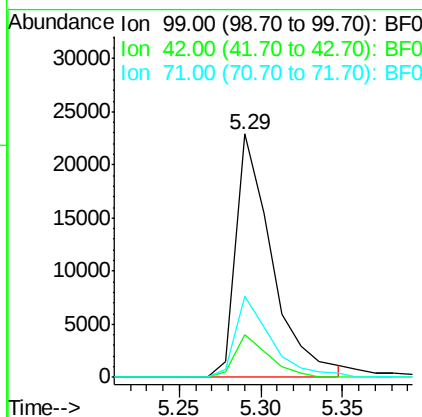
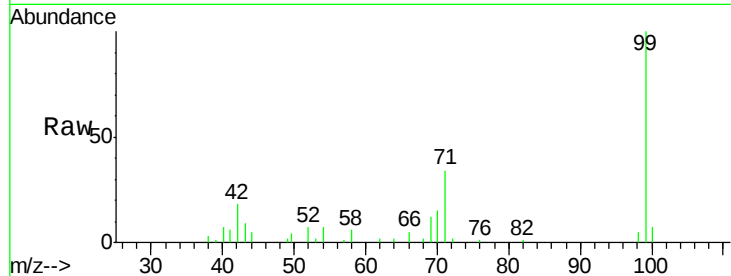
ClientSampleId :

SB-79S

Tot Ion:	99	Resp:	35193
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.8	22.2
71	33.5	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

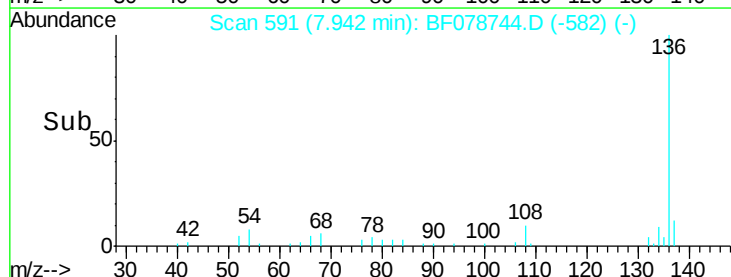
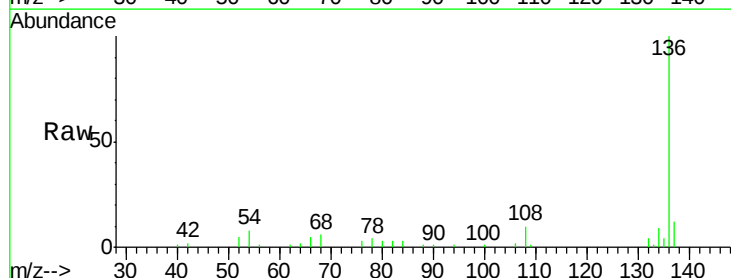
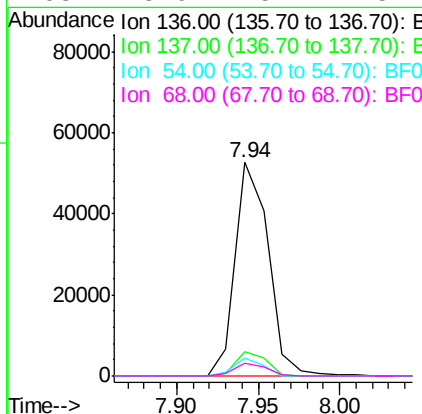
RT: 7.94 min Scan# 591

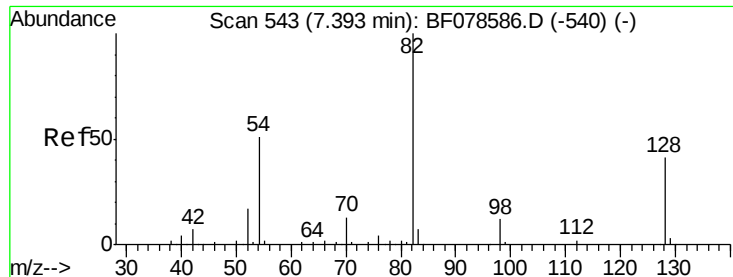
Delta R.T. -0.00 min

Lab File: BF078744.D

Acq: 23 Apr 2015 8:12

Tgt Ion:	136	Resp:	74035
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.0	13.4
54	8.1	7.0	10.6
68	5.9	5.4	8.2





#23

Nitrobenzene-d5

Concen: 17.06 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF078744.D

Acq: 23 Apr 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SB-79S

Tot Ion: 82 Resp: 20837

Ion Ratio Lower Upper

82 100

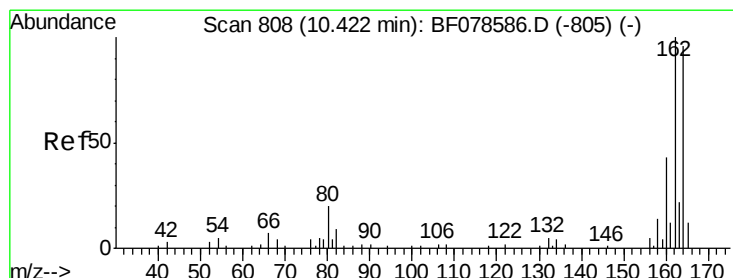
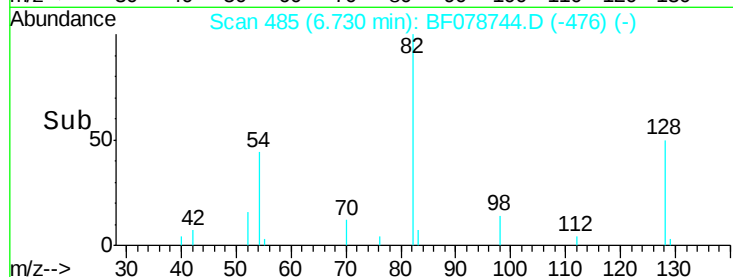
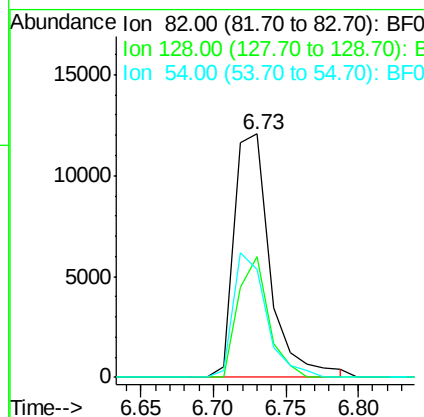
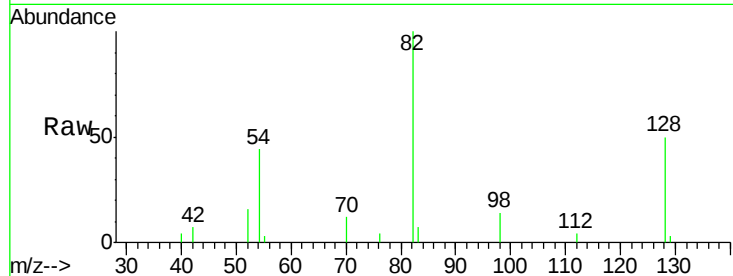
128 49.8 31.8 47.8#

54 44.4 41.5 62.3

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF078744.D

Acq: 23 Apr 2015 8:12

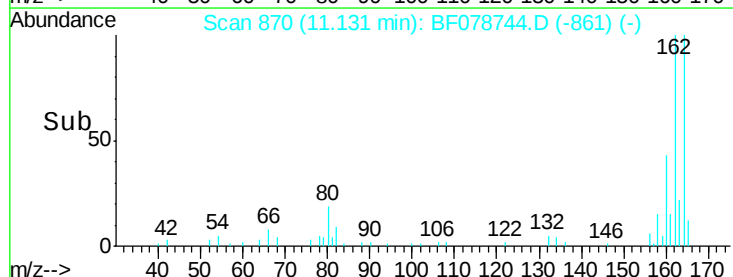
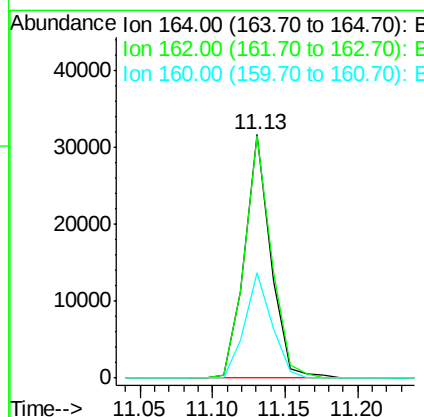
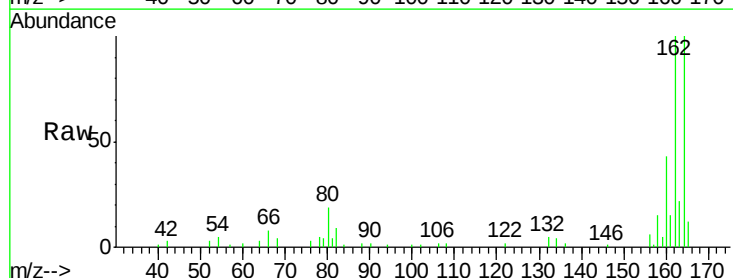
Tgt Ion:164 Resp: 39734

Ion Ratio Lower Upper

164 100

162 99.8 82.2 123.2

160 43.1 34.7 52.1





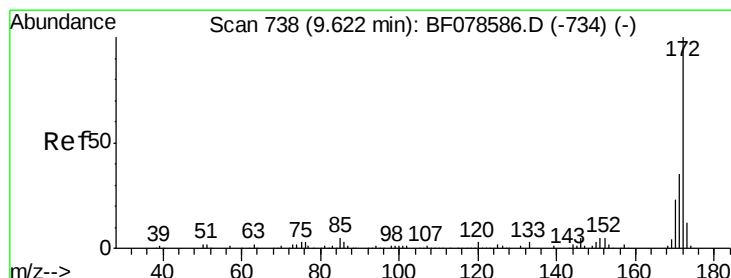
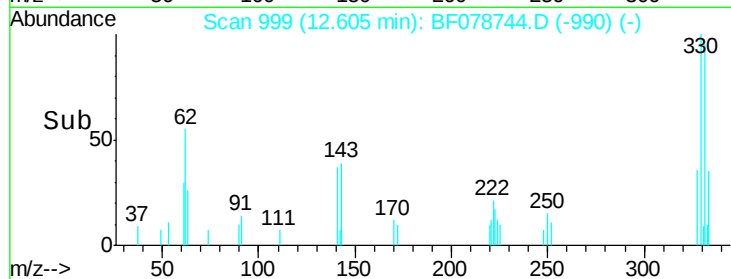
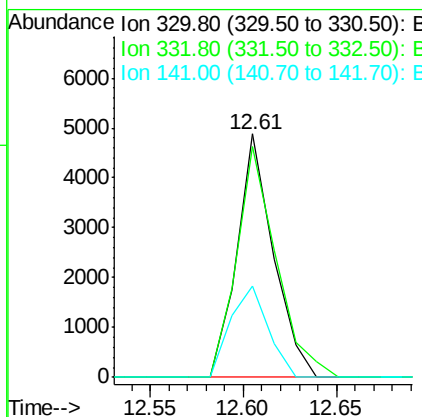
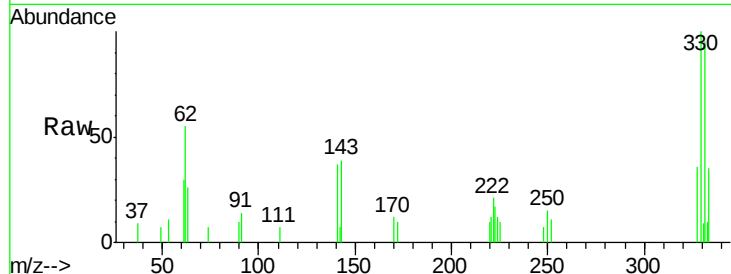
#41
 2,4,6-Tribromophenol
 Concen: 20.08 ng
 RT: 12.61 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF078744.D
 Acq: 23 Apr 2015 8:12

Instrument :
 BNA_F
 ClientSampled :
 SB-79S

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.5	78.6	117.8
141	38.8	31.2	46.8

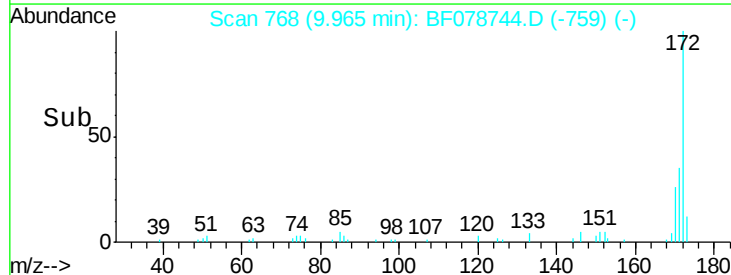
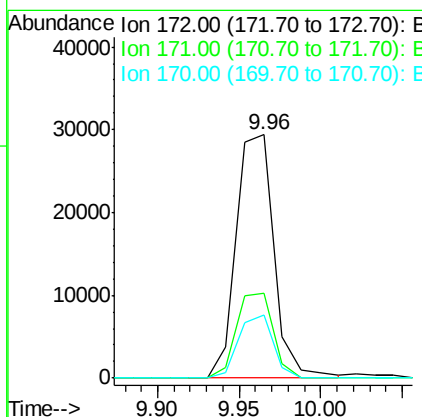
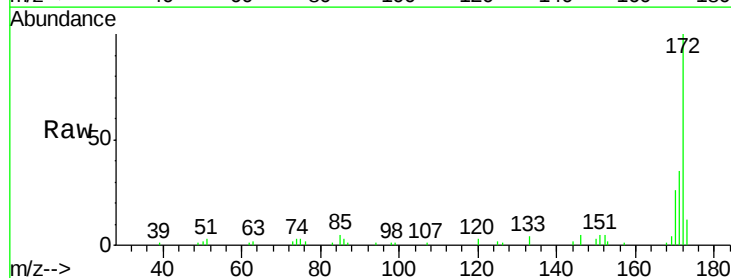
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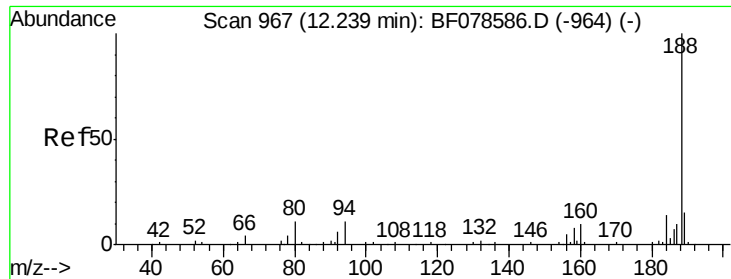
apatel
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#44
 2-Fluorobiphenyl
 Concen: 16.94 ng
 RT: 9.96 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF078744.D
 Acq: 23 Apr 2015 8:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	25.7	18.5	27.7





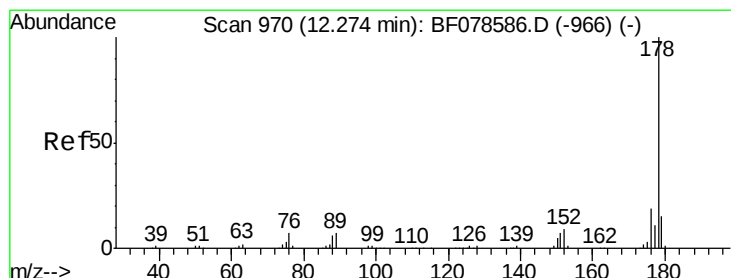
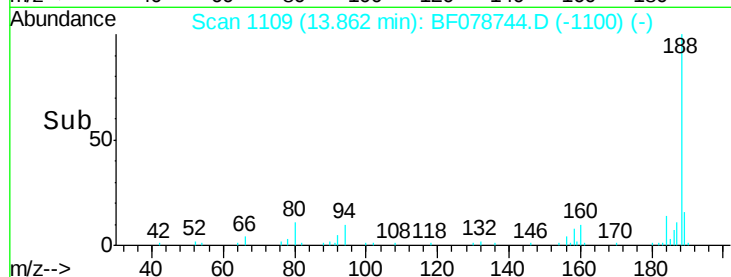
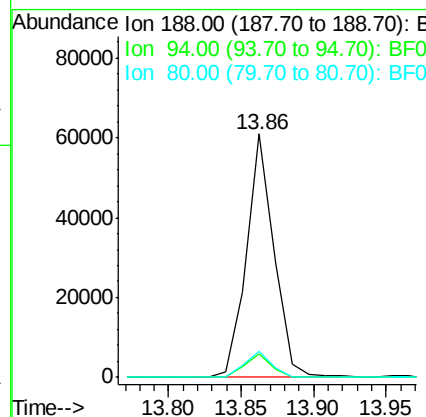
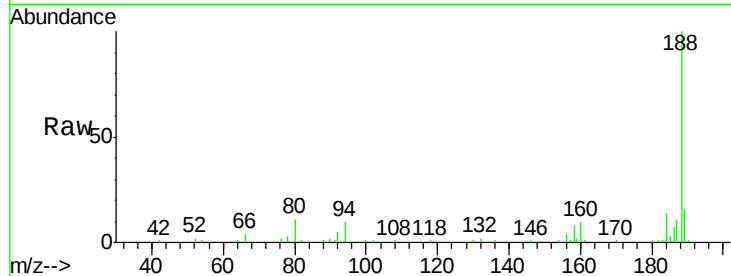
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF078744.D
 Acq: 23 Apr 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-79S

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	9.0	13.4
80	10.8	9.5	14.3

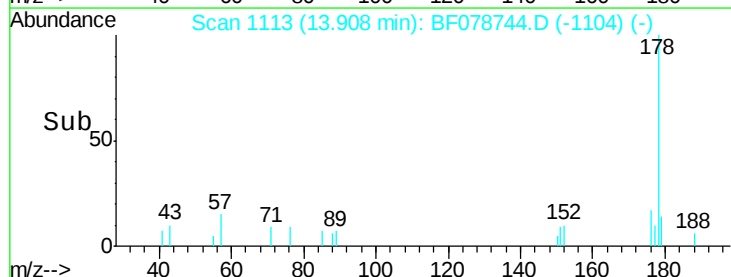
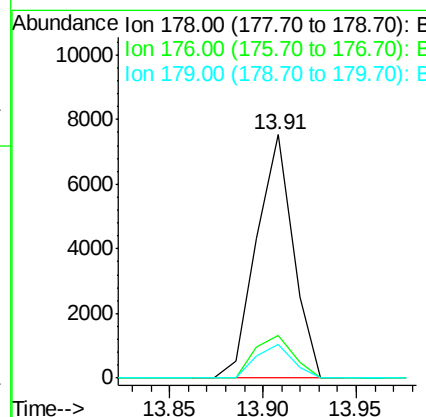
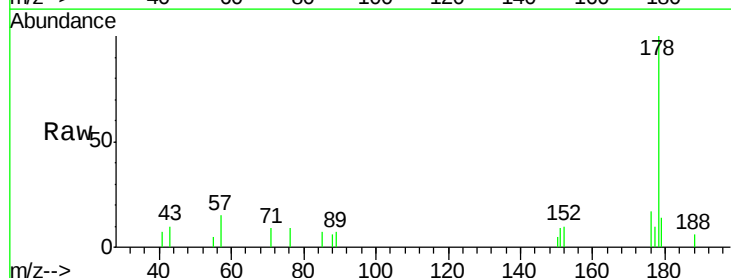
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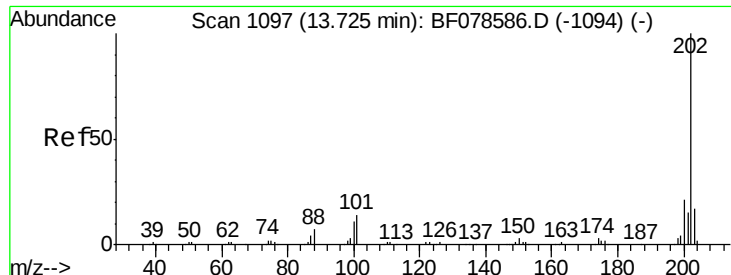
apatel
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#70
 Phenanthrene
 Concen: 2.19 ng
 RT: 13.91 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF078744.D
 Acq: 23 Apr 2015 8:12

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	17.3	15.4	23.0
179	14.1	12.2	18.2





#74

Fluoranthene

Concen: 5.17 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF078744.D

Acq: 23 Apr 2015 8:12

Instrument :

BNA_F

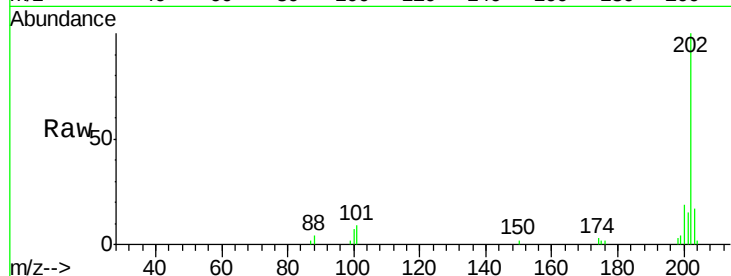
ClientSampleId :

SB-79S

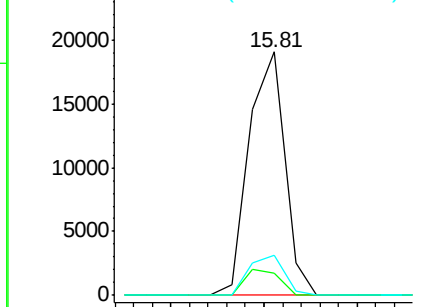
Tot Ion:	202	Resp:	25348
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	35.2
203	16.5	0.0	38.5

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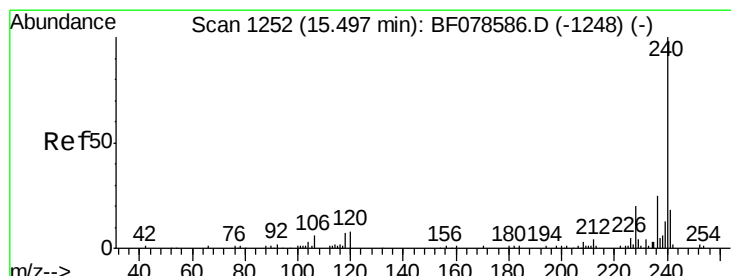
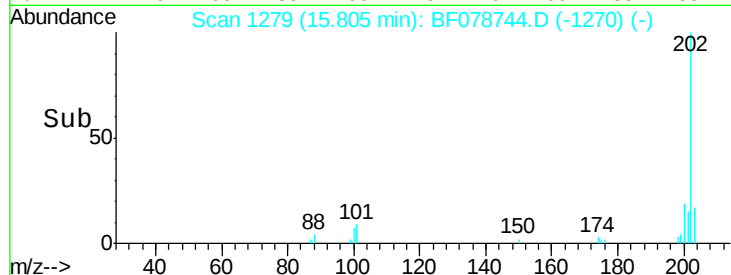
apatel
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.74 min Scan# 1448

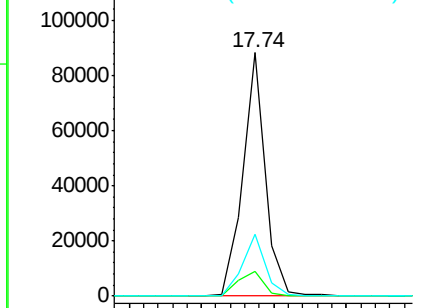
Delta R.T. -0.00 min

Lab File: BF078744.D

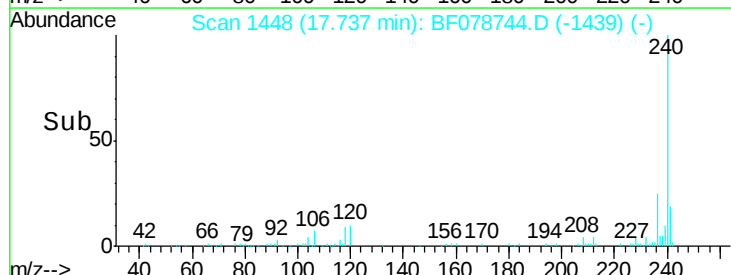
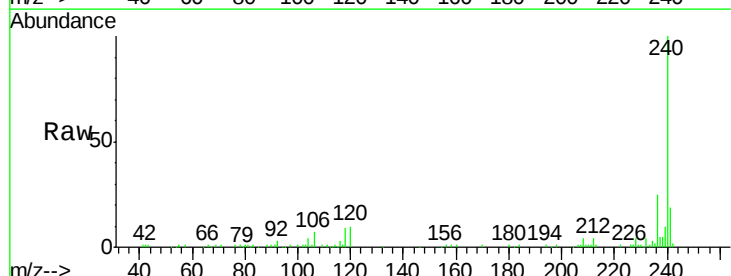
Acq: 23 Apr 2015 8:12

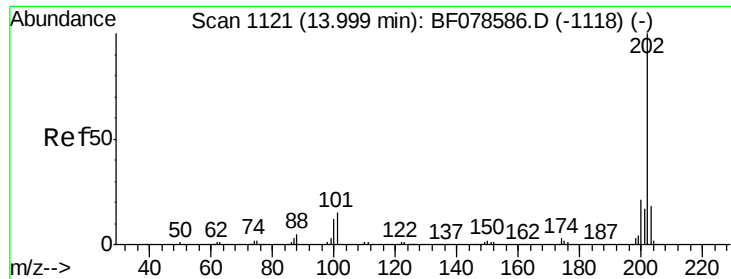
Tgt Ion:	240	Resp:	95456
Ion Ratio	Lower	Upper	
240	100		
120	10.4	7.1	10.7
236	25.4	21.4	32.2

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



Time-->





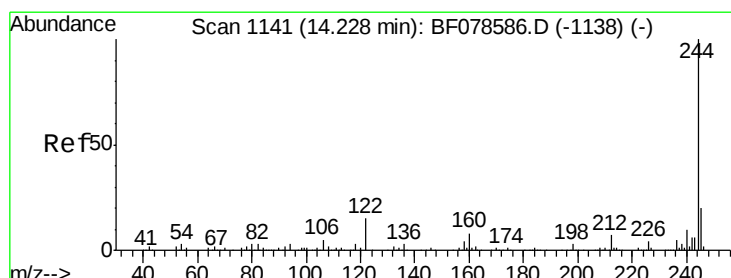
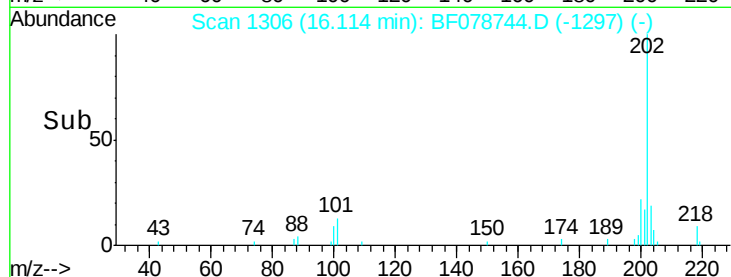
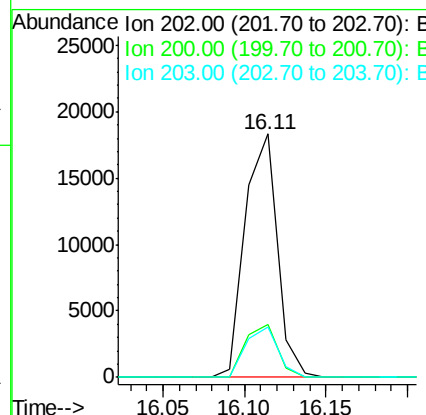
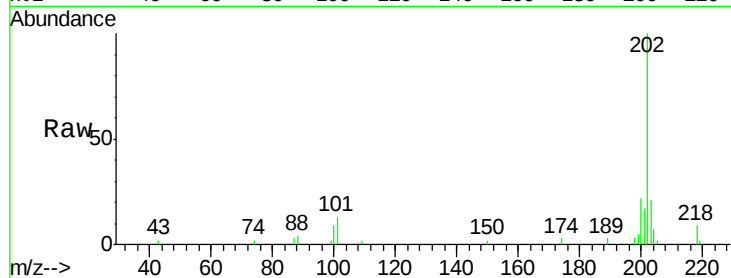
#77
Pvrene
Concen: 4.20 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF078744.D
Acq: 23 Apr 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SB-79S

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	16.3	24.5
203	20.6	13.8	20.6

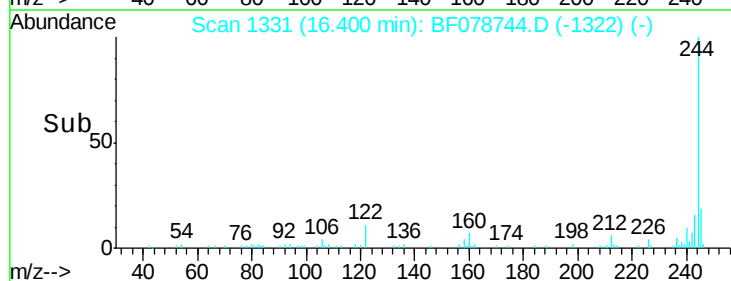
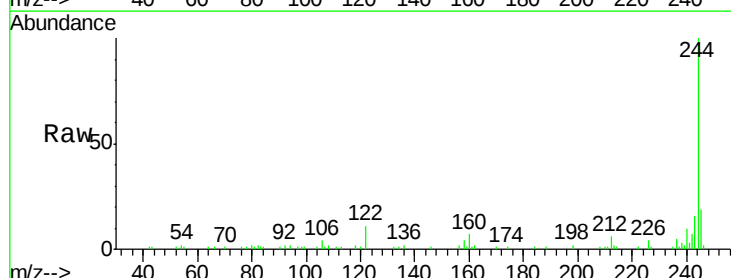
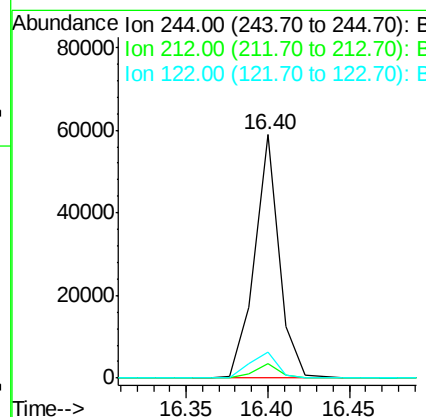
Manual Integrations
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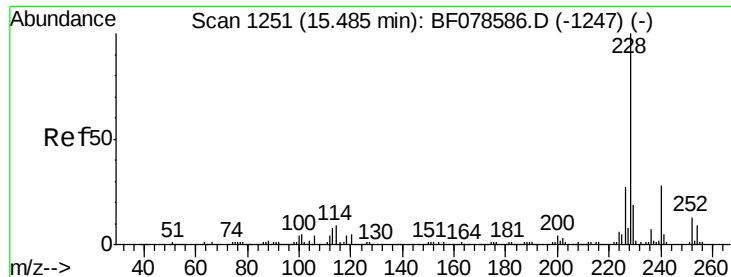
apatel
4/23/2015 2:15:50 PM



#78
Terphenyl-d14
Concen: 14.61 ng
RT: 16.40 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF078744.D
Acq: 23 Apr 2015 8:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.1	5.0	7.4
122	10.7	7.1	10.7#





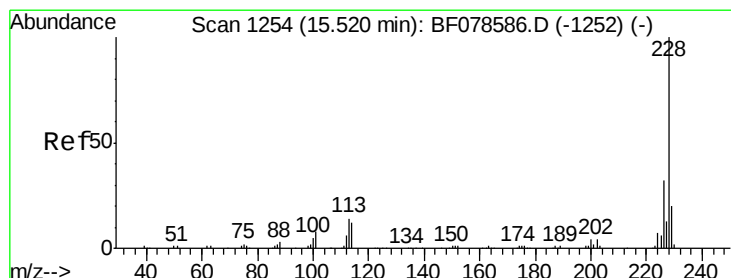
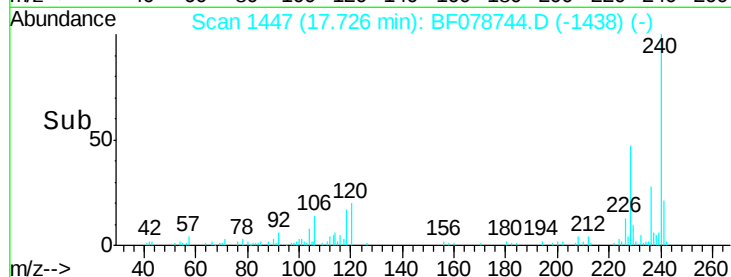
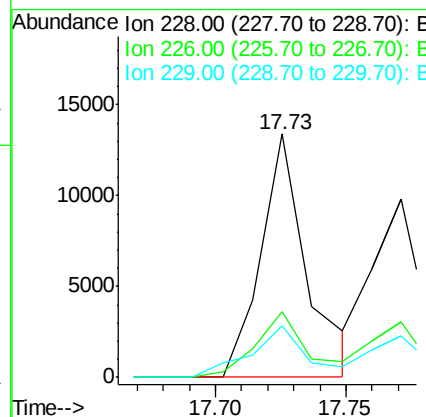
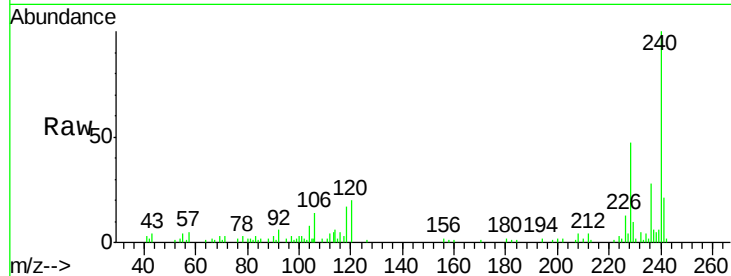
#80
Benzo(a)anthracene
Concen: 2.91 ng
RT: 17.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF078744.D
Acq: 23 Apr 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SB-79S

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	21.3	15.4	23.2

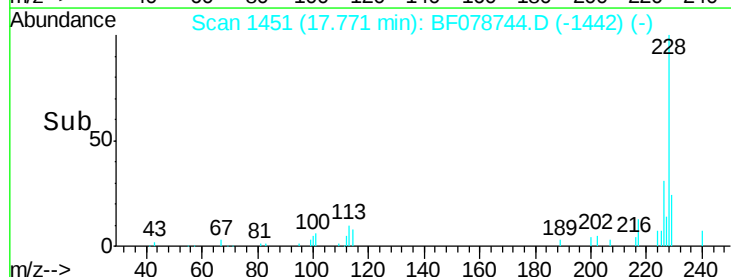
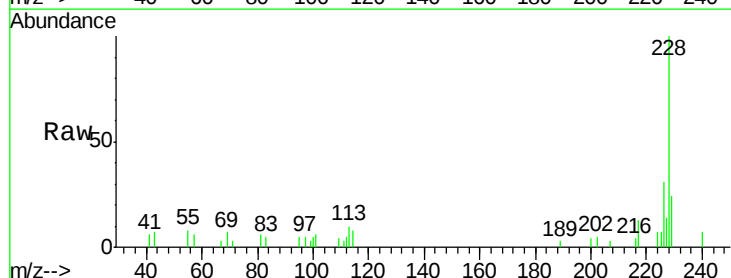
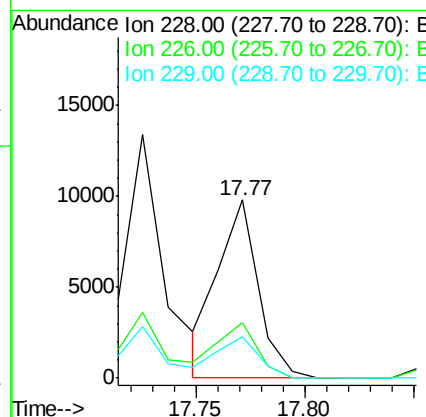
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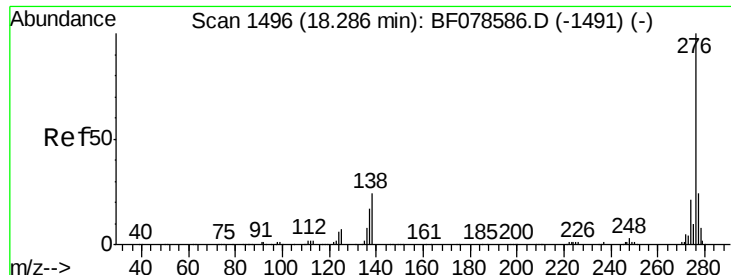
apatel
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#82
Chrysene
Concen: 2.34 ng
RT: 17.77 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF078744.D
Acq: 23 Apr 2015 8:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	23.6	15.8	23.8





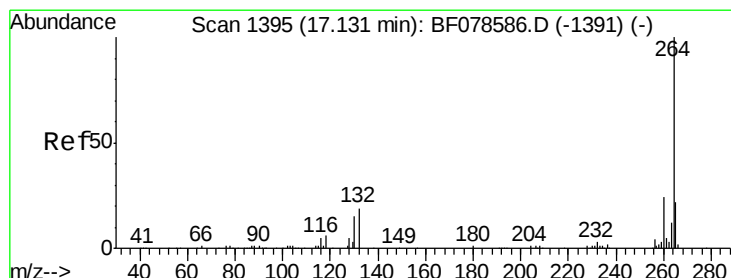
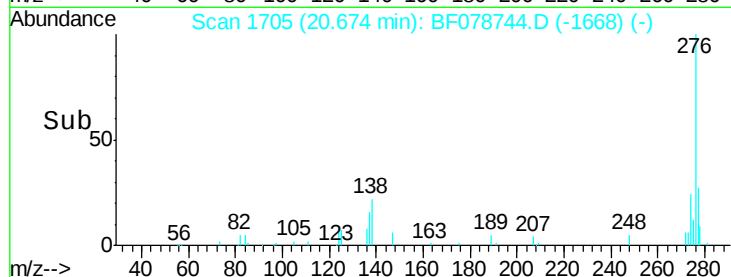
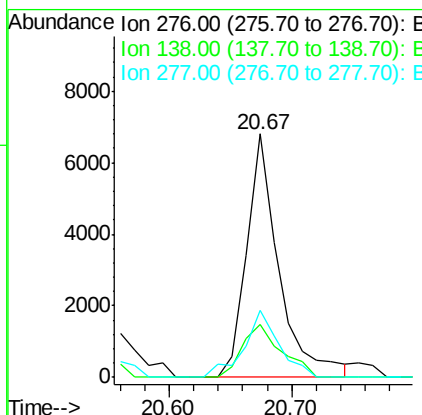
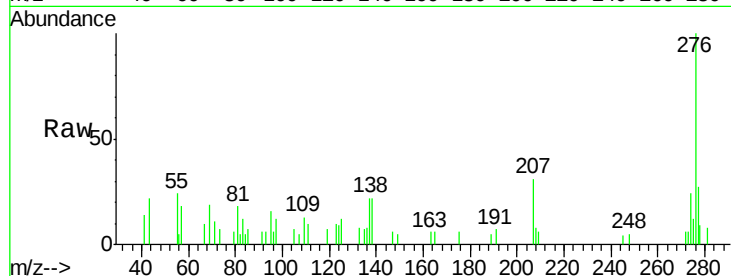
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.05 ng/mL
 RT: 20.67 min Scan# 1705
 Delta R.T. 0.13 min
 Lab File: BF078744.D
 Acq: 23 Apr 2015 8:12

Instrument :
 BNA_F
 ClientSampleID :
 SB-79S

Tot Ion:	276	Resp:	12404
Ion Ratio	Lower	Upper	
276	100		
138	4.1	16.9	25.3#
277	4.3	15.8	23.6#

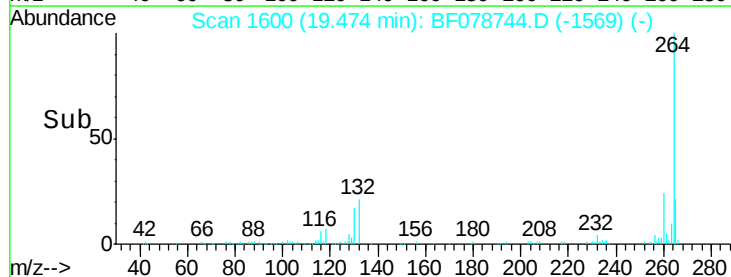
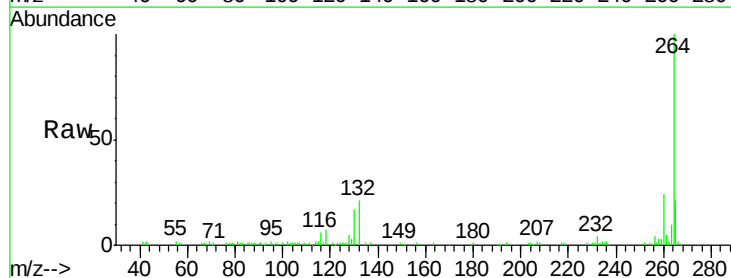
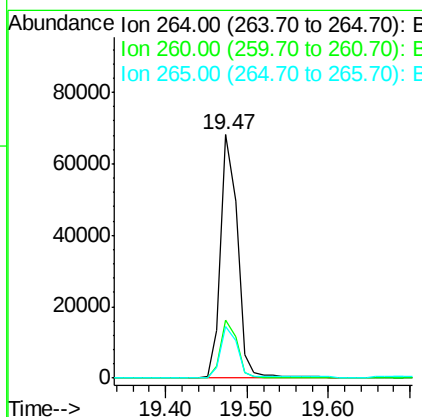
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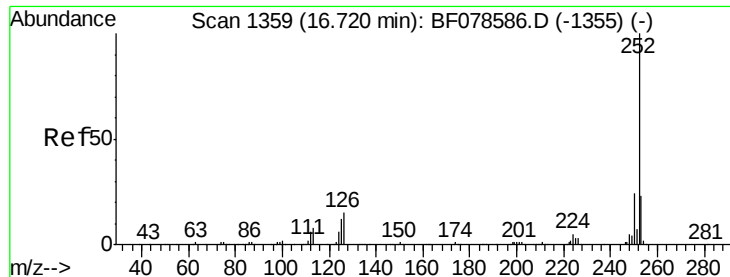
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.47 min Scan# 1600
 Delta R.T. 0.06 min
 Lab File: BF078744.D
 Acq: 23 Apr 2015 8:12

Tgt Ion:	264	Resp:	98229
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.6	27.8
265	21.2	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 3.47 ng

RT: 19.04 min Scan# 1562

Delta R.T. 0.03 min

Lab File: BF078744.D

Acq: 23 Apr 2015 8:12

Instrument :

BNA_F

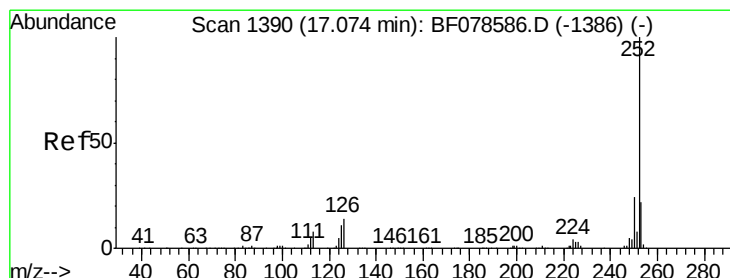
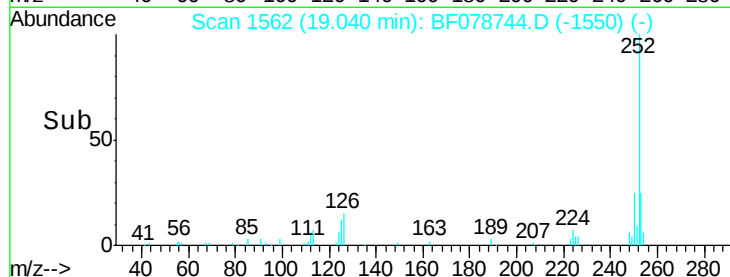
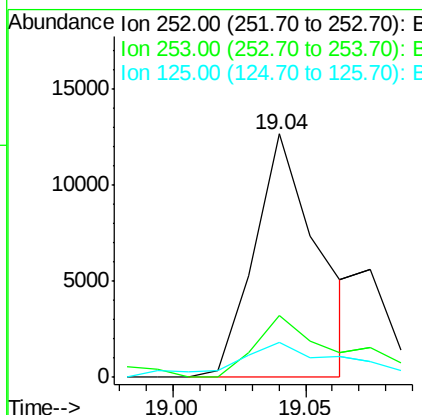
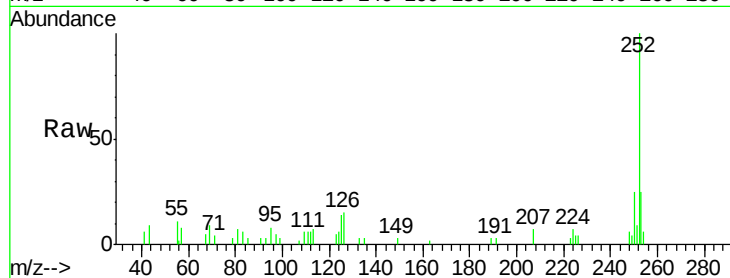
ClientSampleId :

SB-79S

Tot Ion:	252	Resp:	21095
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.2	25.8
125	14.3	7.0	10.4

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.75 ng

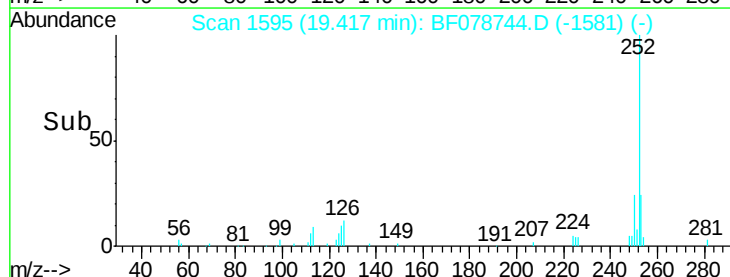
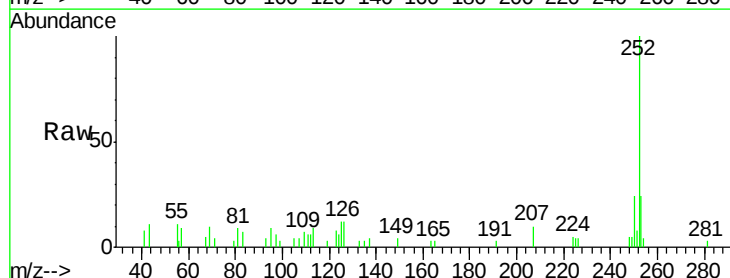
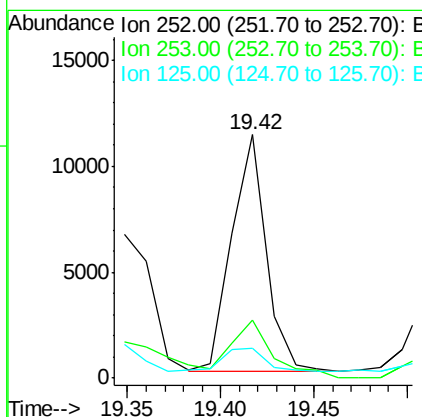
RT: 19.42 min Scan# 1595

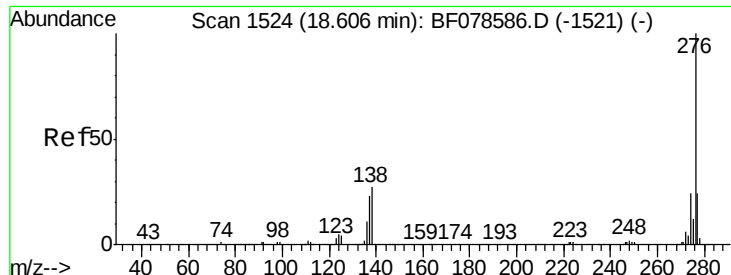
Delta R.T. 0.06 min

Lab File: BF078744.D

Acq: 23 Apr 2015 8:12

Tgt Ion:	252	Resp:	14547
Ion Ratio	Lower	Upper	
252	100		
253	23.8	16.8	25.2
125	12.4	7.4	11.0





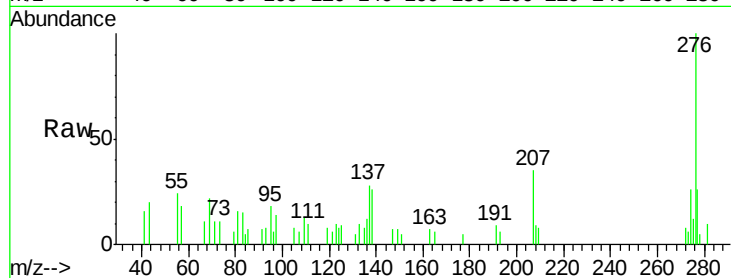
#91
 Benzo(a,h,i)perylene
 Concen: 2.29 ng/ml
 RT: 20.98 min Scan# 1732
 Delta R.T. 0.13 min
 Lab File: BF078744.D
 Acq: 23 Apr 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-79S

Tot Ion:	276	Resp:	12175
Ion Ratio		Lower	Upper
276	100		
277	25.6	19.0	28.4
138	26.3	19.9	29.9

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

