

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078438.D
 Acq On : 11 Apr 2015 12:15
 Operator : TP/IZ
 Sample : G1793-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9D

Manual Integrations
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Quant Time: Apr 13 04:13:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 02:33:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	35541	20.00	ng	0.01
21) Naphthalene-d8	8.44	136	152784	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	77379	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	163689	20.00	ng	0.00
75) Chrysene-d12	15.69	240	178489	20.00	ng	0.01
86) Perylene-d12	17.40	264	179113	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	187991	87.21	ng	0.01
7) Phenol-d6	6.46	99	254354	94.15	ng	0.01
23) Nitrobenzene-d5	7.56	82	146506	58.12	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	69154	107.76	ng	0.01
44) 2-Fluorobiphenyl	9.79	172	286396	52.91	ng	0.01
78) Terphenyl-d14	14.41	244	348786	44.16	ng	0.00
Target Compounds						
10) Phenol	6.48	94	7557	2.33	ng	Qvalue # 56
49) Dimethylphthalate	10.29	163	12135	2.09	ng	98
70) Phenanthrene	12.45	178	25853	2.73	ng	98
74) Fluoranthene	13.92	202	61160	6.12	ng	92
77) Pyrene	14.19	202	159664	14.25	ng	98
80) Benzo(a)anthracene	15.68	228	71334	6.72	ng	97
82) Chrysene	15.71	228	34931	3.50	ng	97
83) Bis(2-ethylhexyl)phthalate	15.77	149	28211	4.21	ng	99
85) Indeno(1,2,3-cd)pyrene	18.64	276	25051m	2.21	ng	
87) Benzo(b)fluoranthene	16.96	252	58851m	5.32	ng	
89) Benzo(a)pyrene	17.33	252	49426	5.12	ng	97
91) Benzo(g,h,i)perylene	18.99	276	29018m	2.99	ng	

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

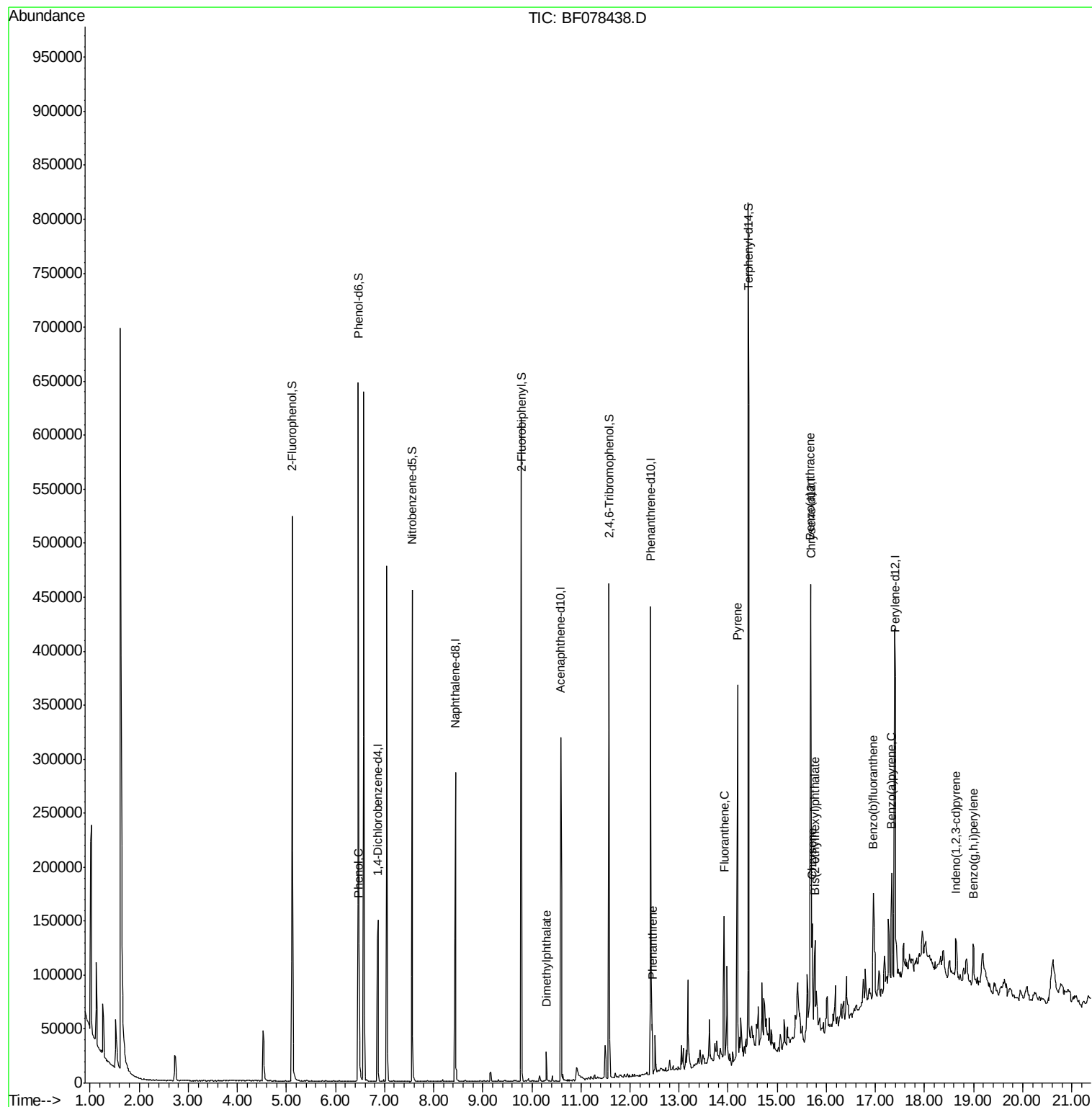
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078438.D
Acq On : 11 Apr 2015 12:15
Operator : TP/IZ
Sample : G1793-17
Misc :
ALS Vial : 36 Sample Multiplier: 1

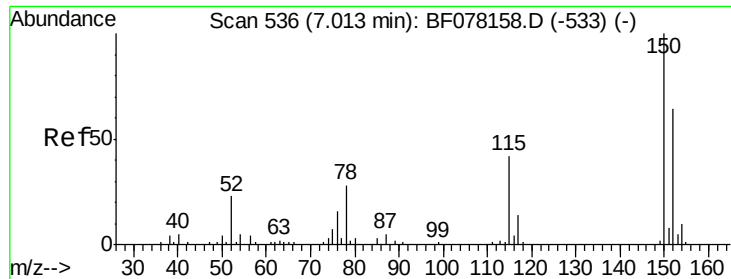
Instrument :
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SB-9D

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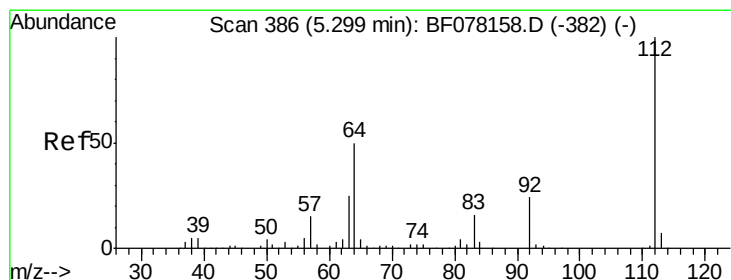
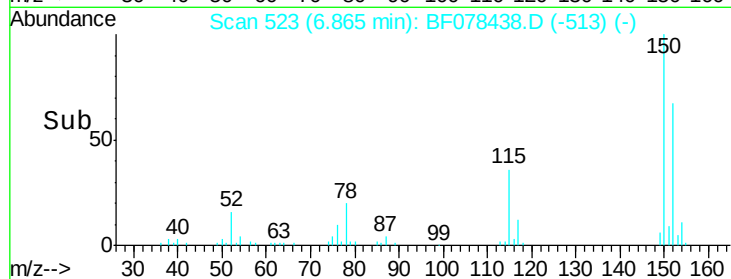
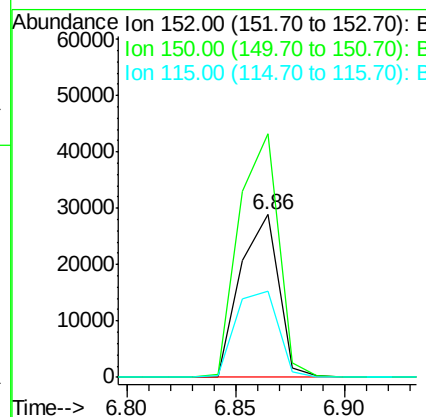
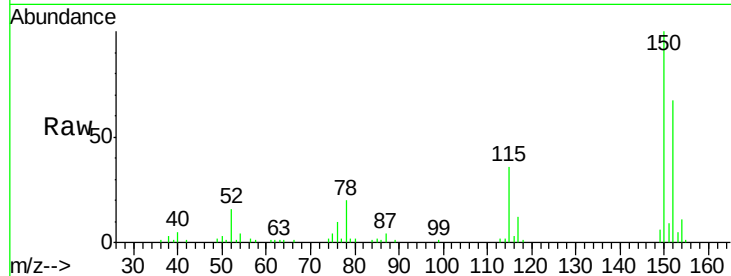
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampled :
 SB-9D

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	35541		
150	149.4	125.9	188.9	
115	53.1	52.7	79.1	

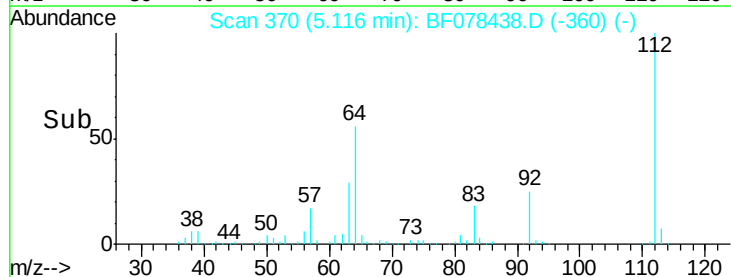
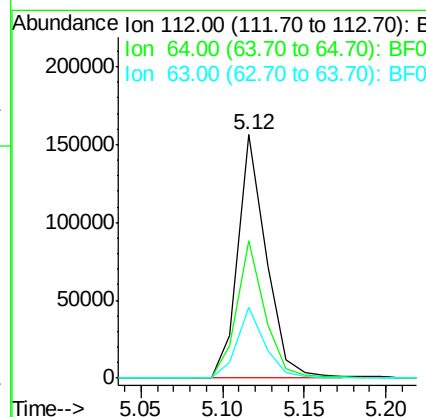
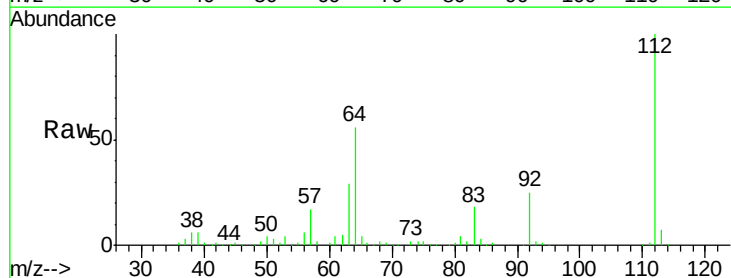
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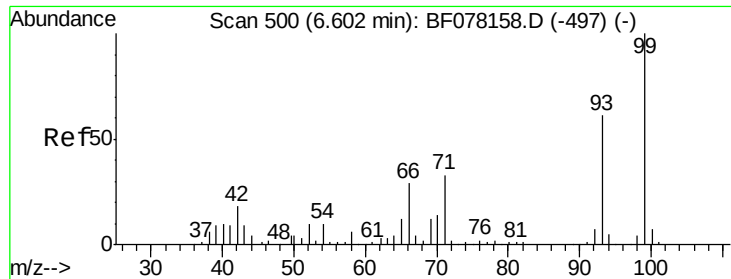
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#5
 2-Fluorophenol
 Concen: 87.21 ng
 RT: 5.12 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	187991		
64	56.2	39.9	59.9	
63	29.0	20.2	30.4	





#7

Phenol-d6

Concen: 94.15 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.01 min

Lab File: BF078438.D

Acq: 11 Apr 2015 12:15

Instrument :

BNA_F

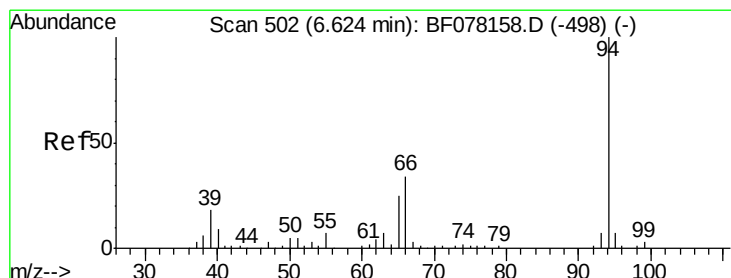
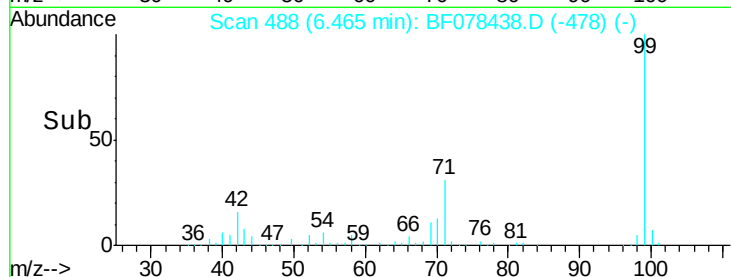
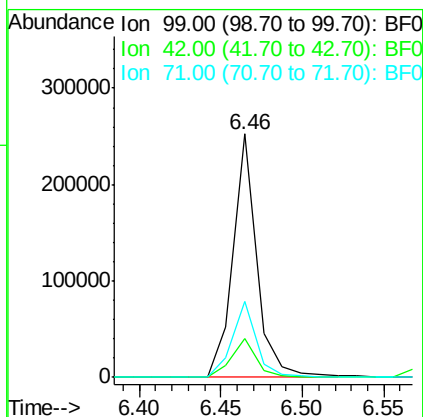
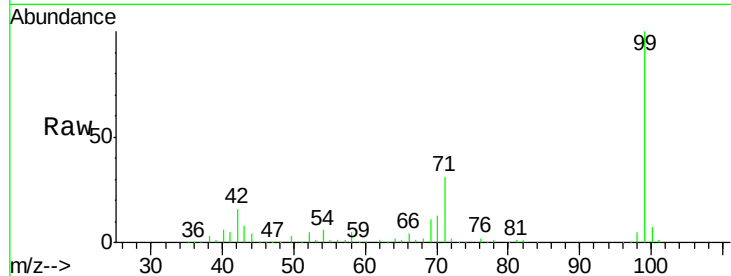
ClientSampleId :

SB-9D

Tgt Ion:	99	Resp:	254354
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.8	22.2
71	31.3	26.6	39.8

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#10

Phenol

Concen: 2.33 ng

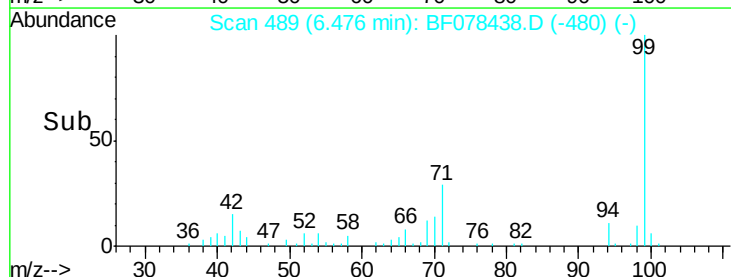
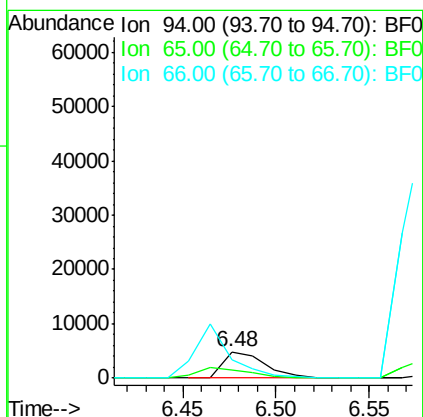
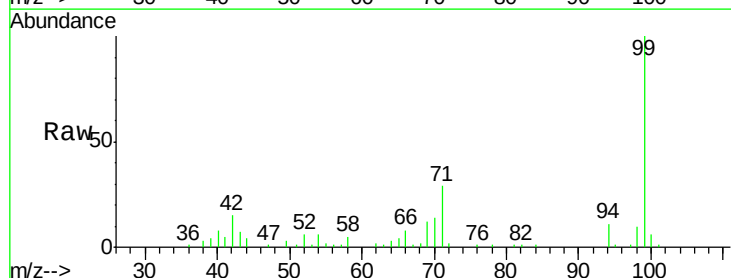
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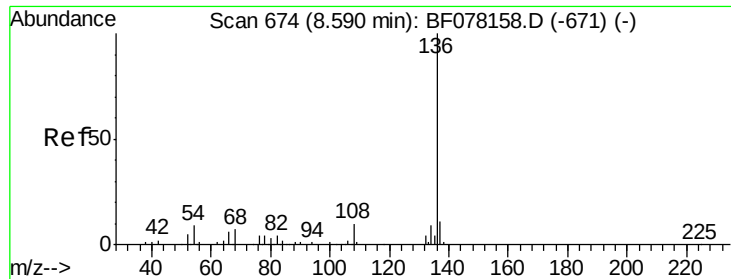
Delta R.T. 0.00 min

Lab File: BF078438.D

Acq: 11 Apr 2015 12:15

Tgt Ion:	94	Resp:	7557
Ion Ratio	Lower	Upper	
94	100		
65	33.1	4.9	44.9
66	70.7	13.8	53.8#





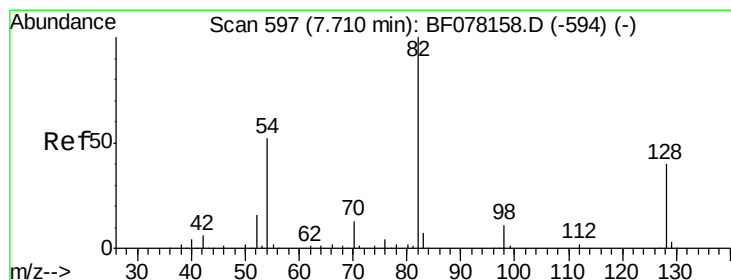
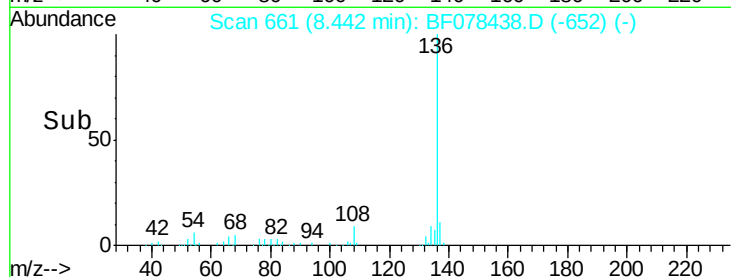
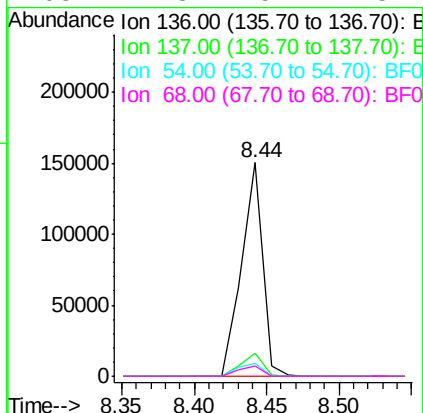
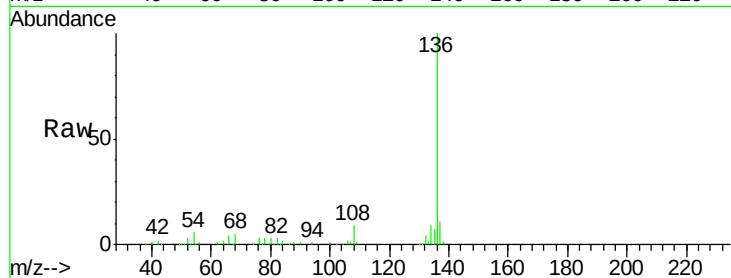
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF078438.D
Acq: 11 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
SB-9D

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	152784		
137	10.7	9.0	13.4	
54	5.9	7.0	10.6	
68	4.8	5.4	8.2	

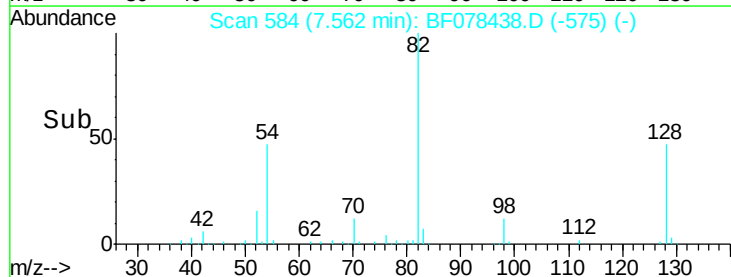
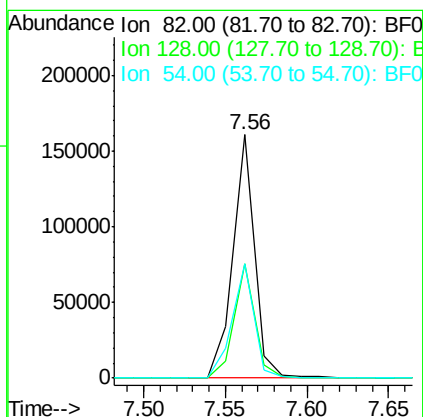
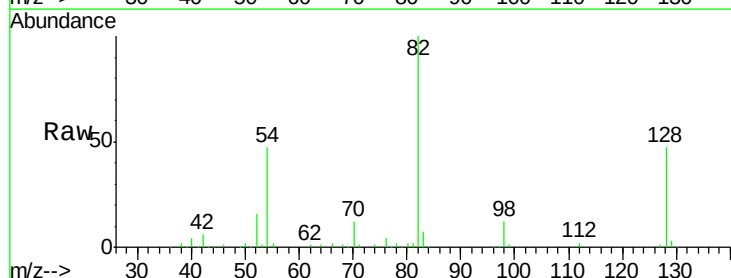
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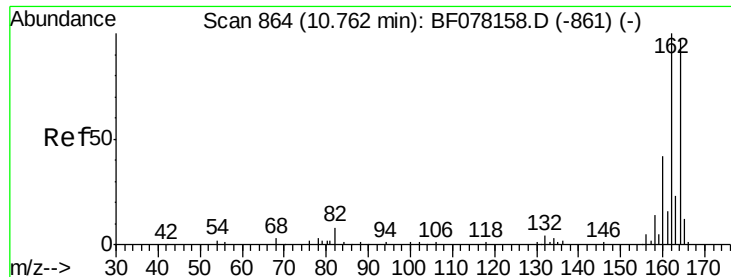
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#23
Nitrobenzene-d5
Concen: 58.12 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078438.D
Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	146506		
128	47.0	31.8	47.8	
54	46.7	41.5	62.3	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078438.D

Acq: 11 Apr 2015 12:15

Instrument :

BNA_F

ClientSampleId :

SB-9D

Tgt Ion:164 Resp: 77379

Ion Ratio Lower Upper

164 100

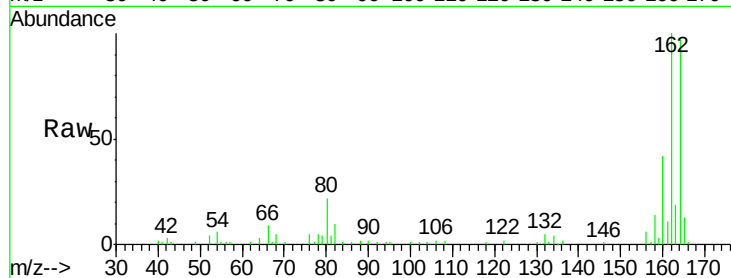
162 103.4 82.2 123.2

160 43.6 34.7 52.1

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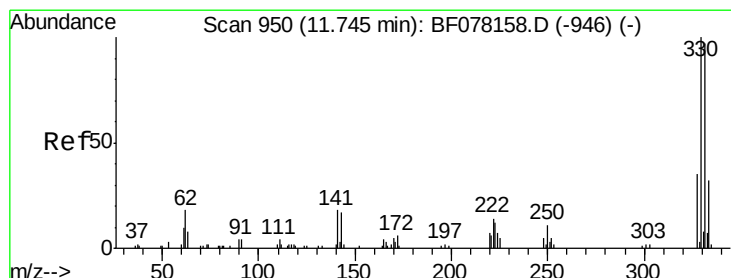
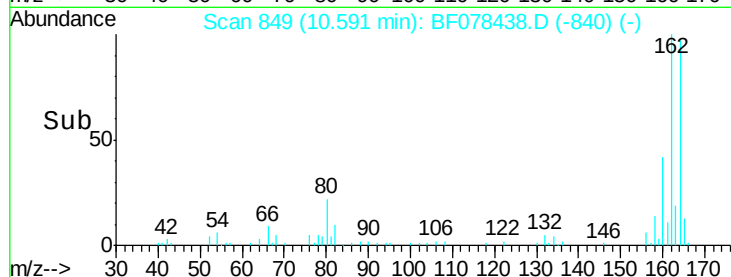
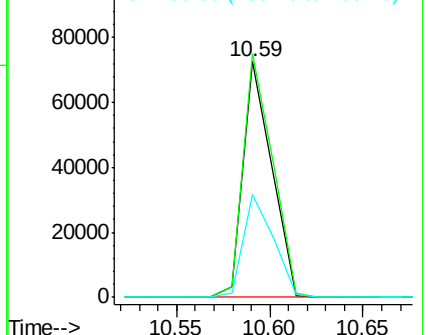
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 107.76 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078438.D

Acq: 11 Apr 2015 12:15

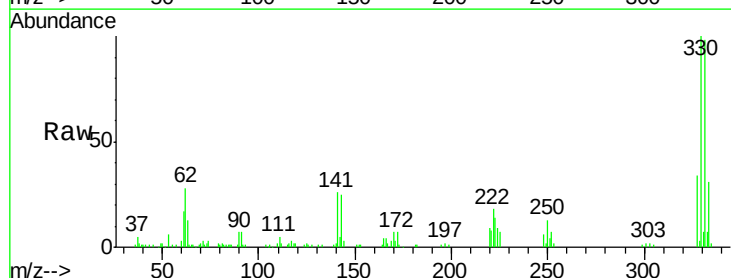
Tgt Ion:330 Resp: 69154

Ion Ratio Lower Upper

330 100

332 97.7 78.6 117.8

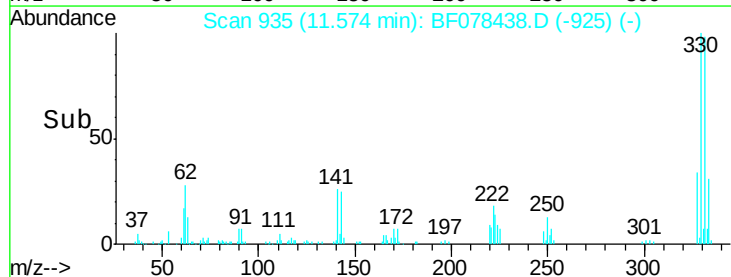
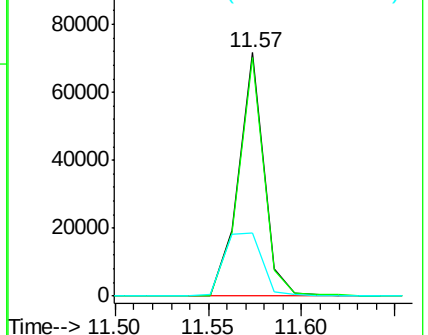
141 38.5 31.2 46.8

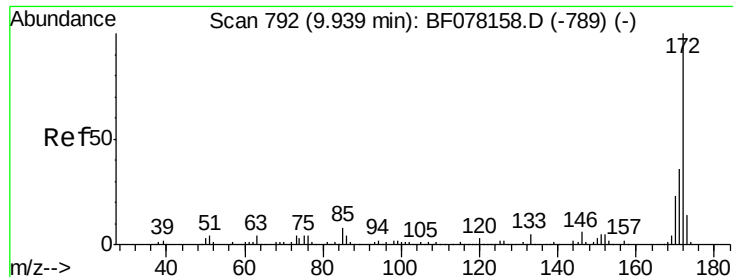


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





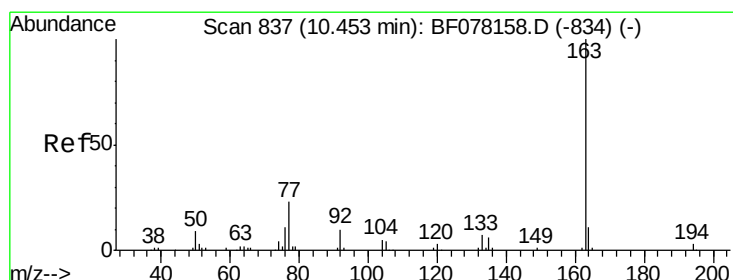
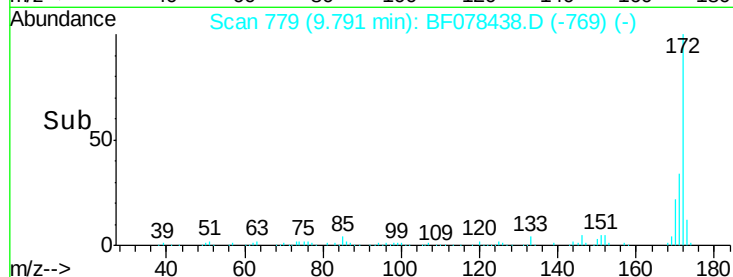
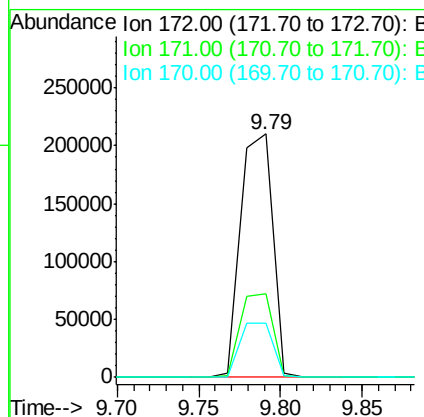
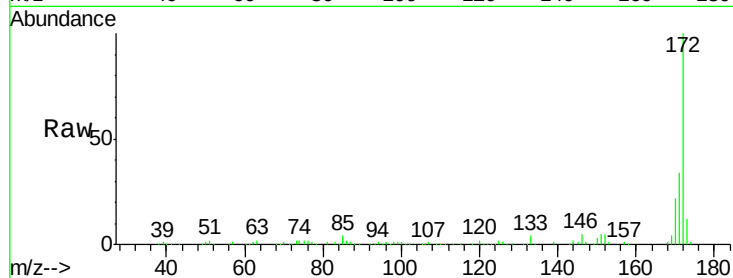
#44
 2-Fluorobiphenyl
 Concen: 52.91 ng
 RT: 9.79 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampled :
 SB-9D

Tgt Ion:	172	Resp:	286396
Ion Ratio	Lower	Upper	
172	100		
171	34.5	28.6	42.8
170	22.3	18.5	27.7

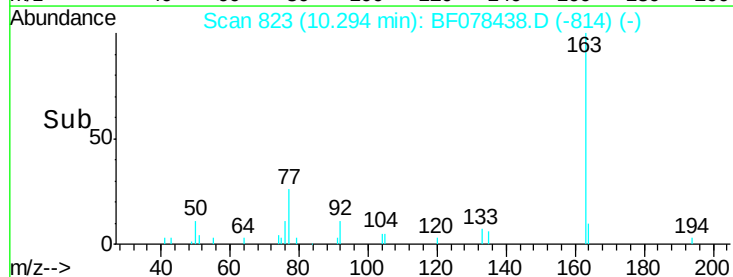
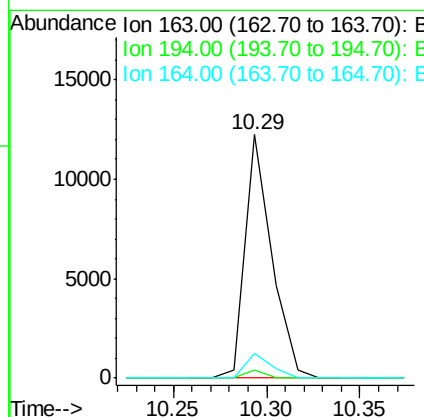
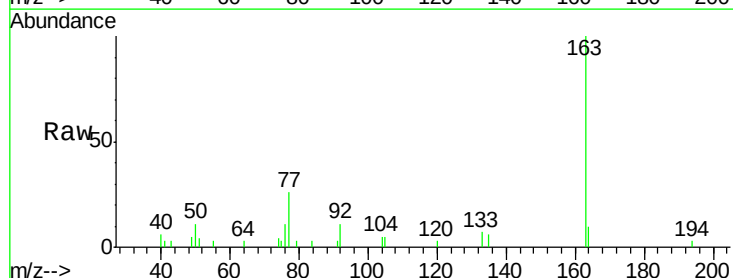
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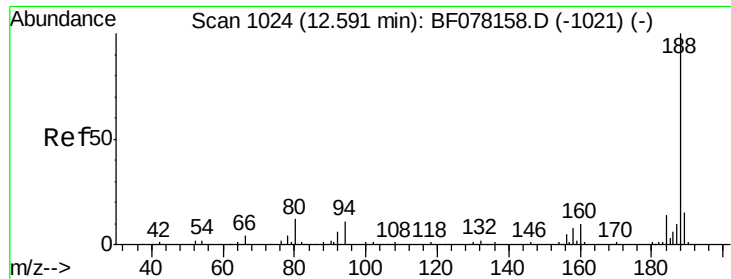
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#49
 Dimethylphthalate
 Concen: 2.09 ng
 RT: 10.29 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Tgt Ion:	163	Resp:	12135
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.3	3.5
164	10.1	8.6	13.0





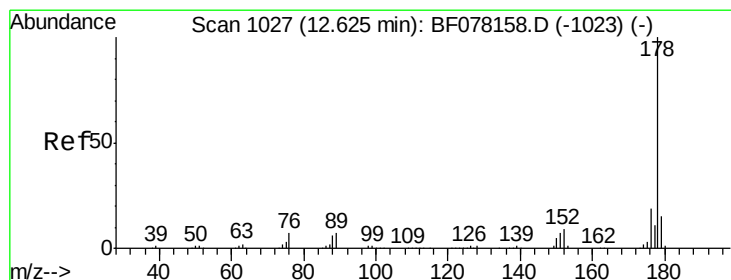
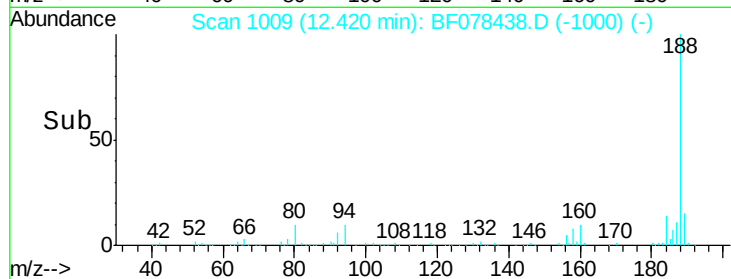
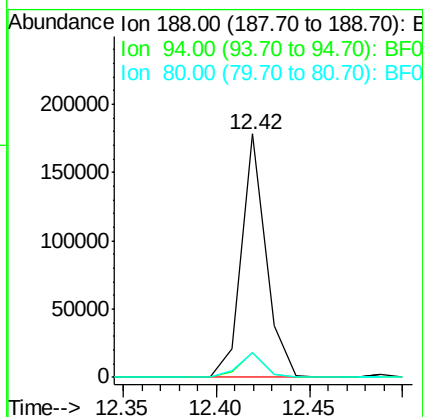
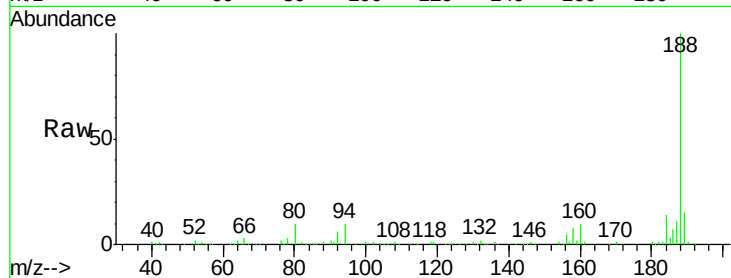
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-9D

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	9.0	13.4
80	10.1	9.5	14.3

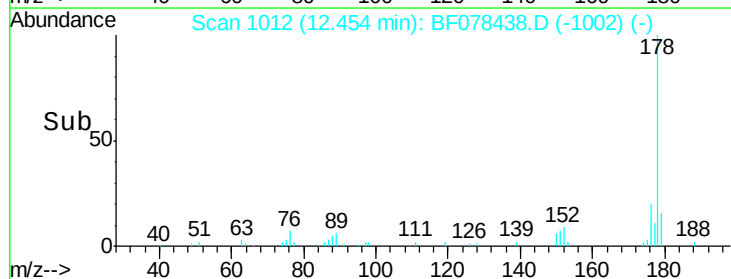
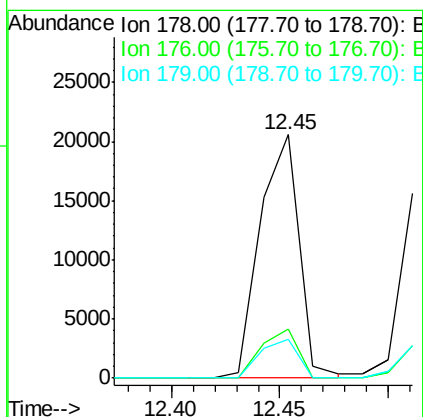
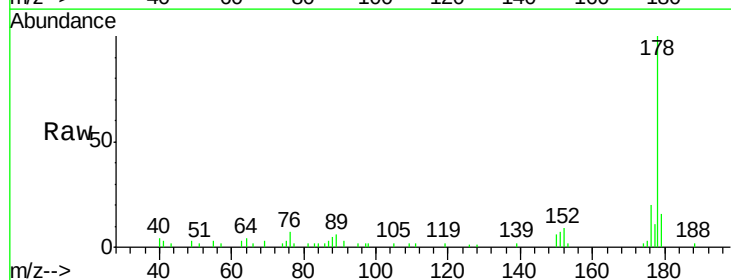
Manual Integrations
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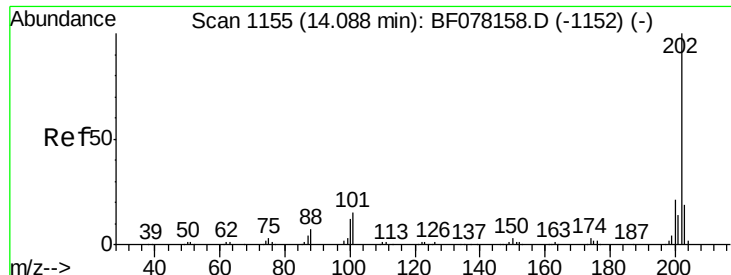
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#70
 Phenanthrene
 Concen: 2.73 ng
 RT: 12.45 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.9	15.4	23.0
179	15.9	12.2	18.2





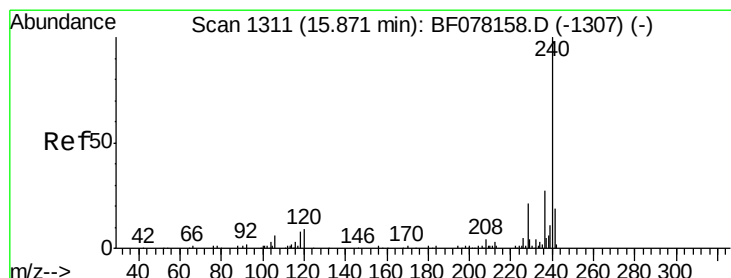
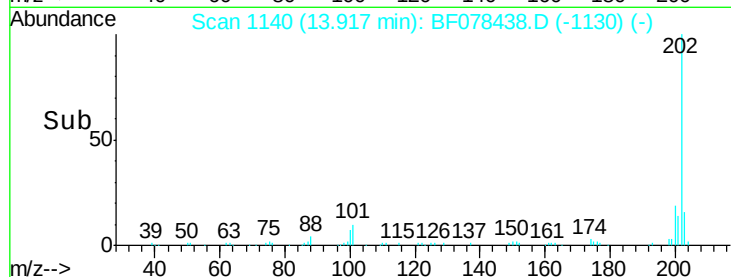
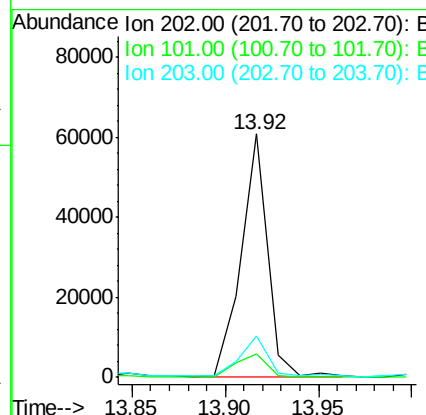
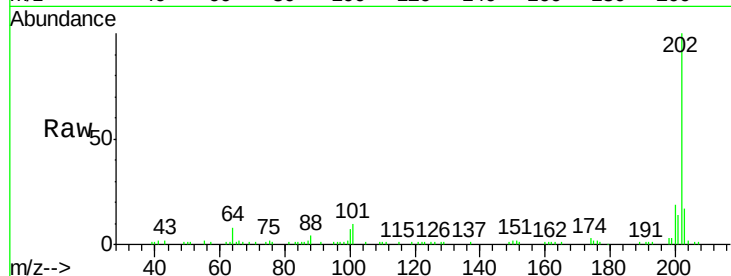
#74
 Fluoranthene
 Concen: 6.12 ng
 RT: 13.92 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-9D

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.7	0.0	35.2
203	17.0	0.0	38.5

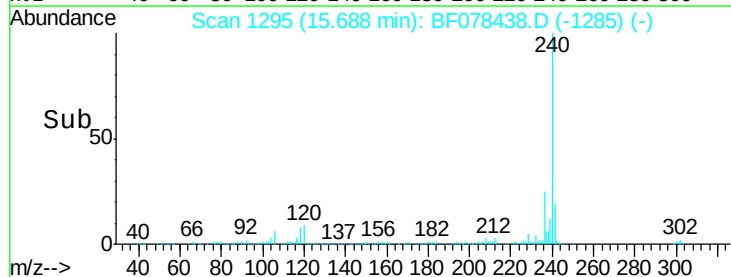
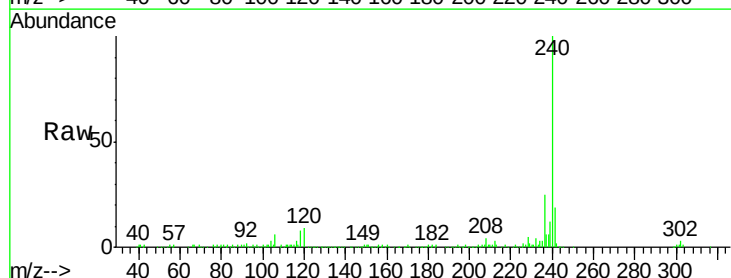
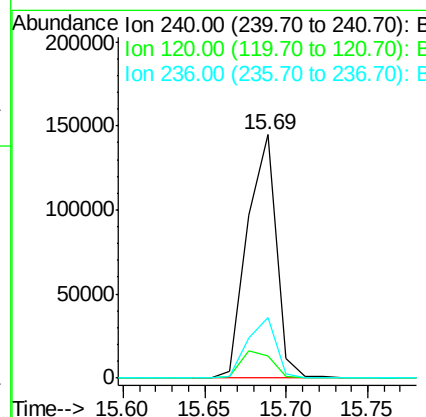
Manual Integrations
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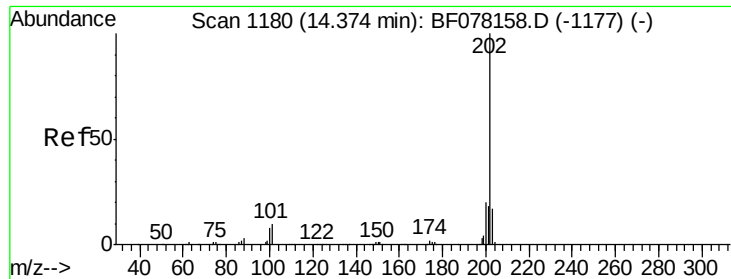
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.1	7.1	10.7
236	25.1	21.4	32.2





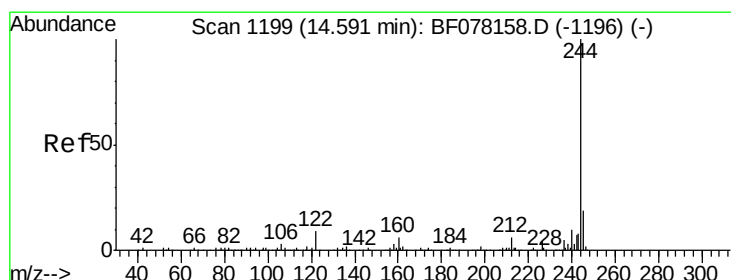
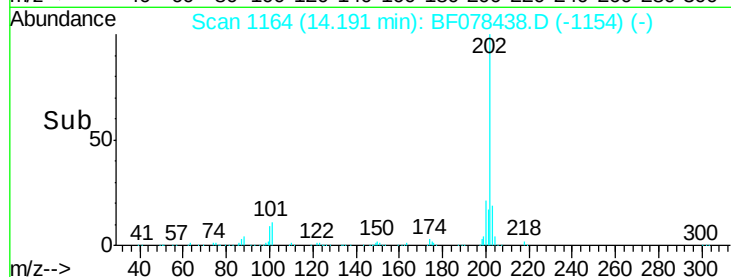
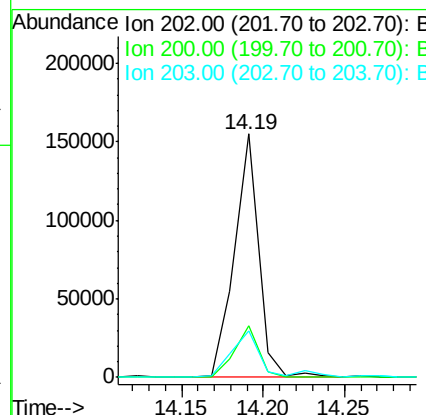
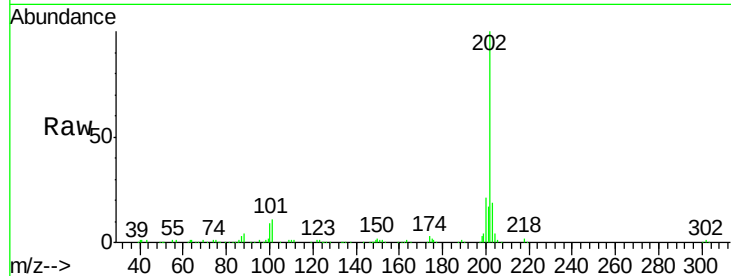
#77
 Pyrene
 Concen: 14.25 ng
 RT: 14.19 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-9D

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	159664		
200	21.0	16.3	24.5	
203	18.9	13.8	20.6	

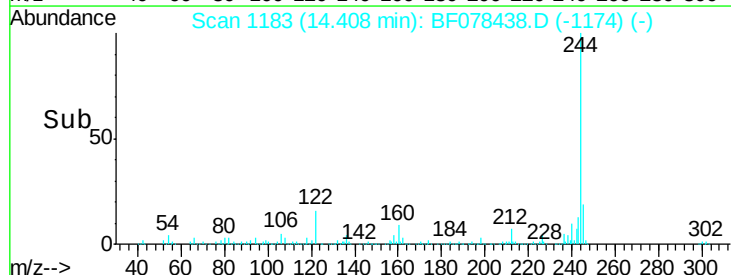
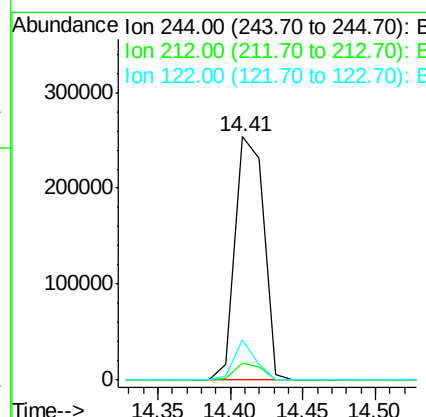
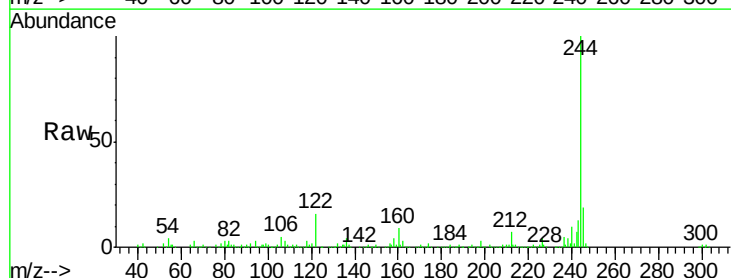
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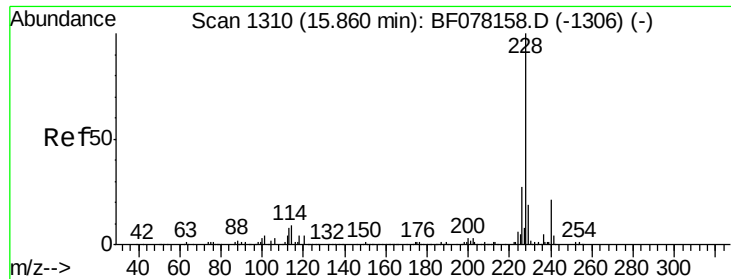
apatel
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#78
 Terphenyl-d14
 Concen: 44.16 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	348786		
212	6.9	5.0	7.4	
122	16.3	7.1	10.7#	





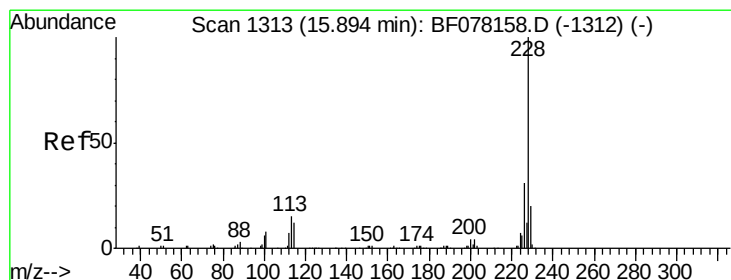
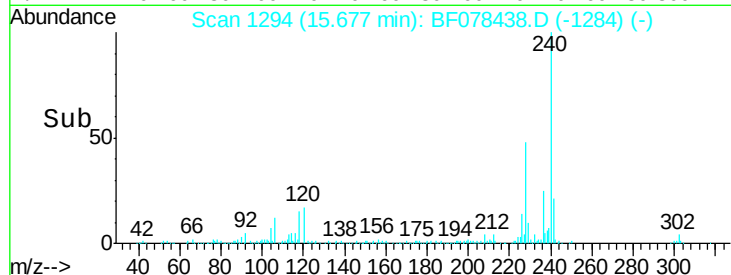
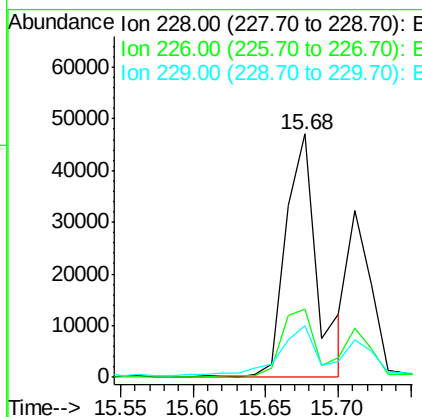
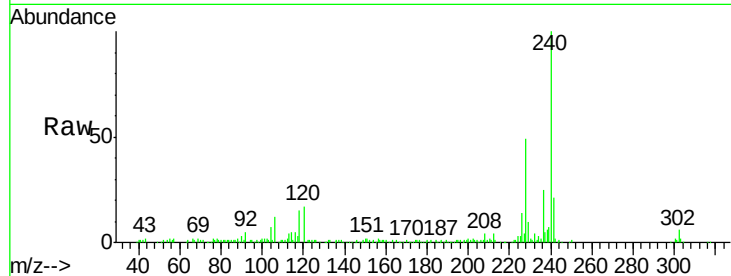
#80
Benzo(a)anthracene
Concen: 6.72 ng
RT: 15.68 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF078438.D
Acq: 11 Apr 2015 12:15

Instrument :
BNA_F
ClientSampleId :
SB-9D

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.3	31.9
229	21.4	15.4	23.2

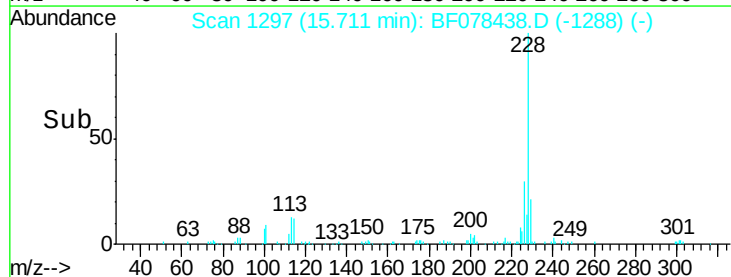
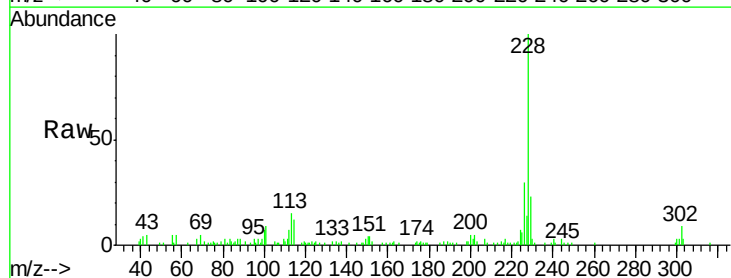
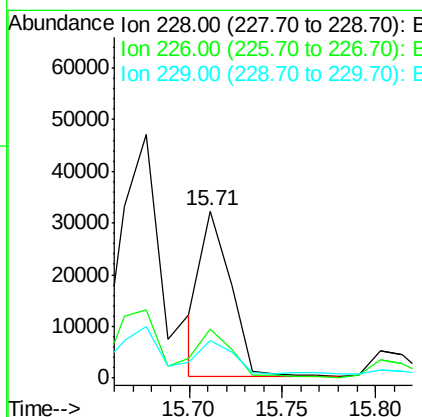
Manual Integrations
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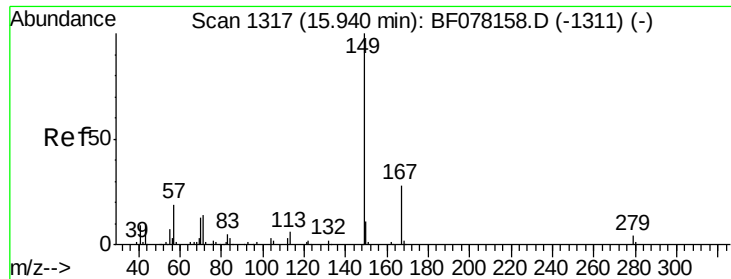
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#82
Chrysene
Concen: 3.50 ng
RT: 15.71 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF078438.D
Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	22.8	15.8	23.8





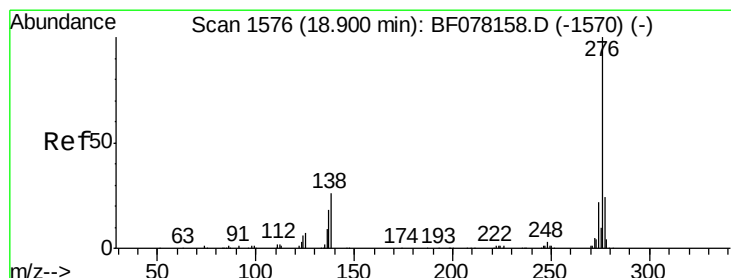
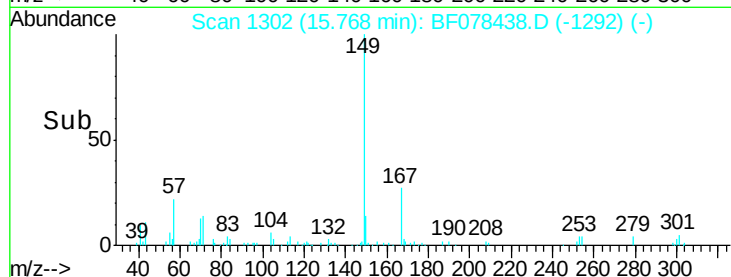
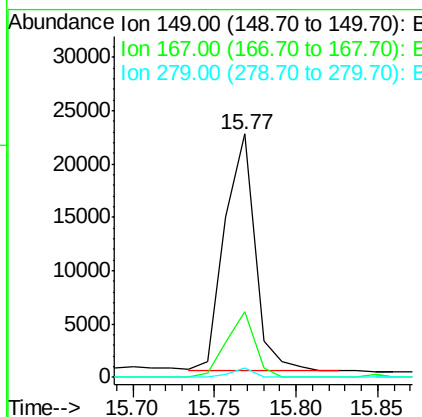
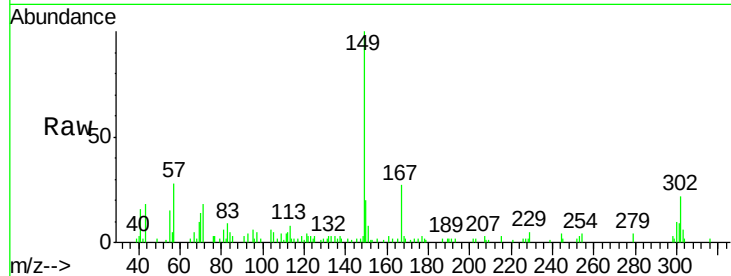
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.21 ng
 RT: 15.77 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Instrument :
 BNA_F
 ClientSampleId :
 SB-9D

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.7	3.2	4.8

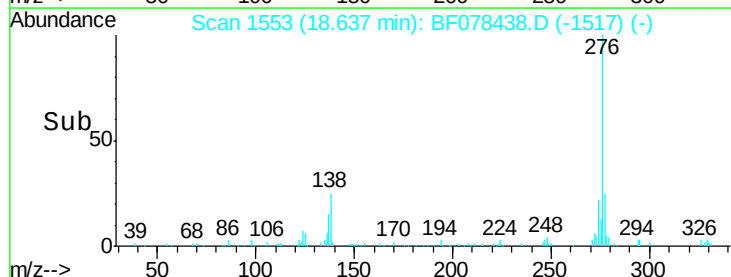
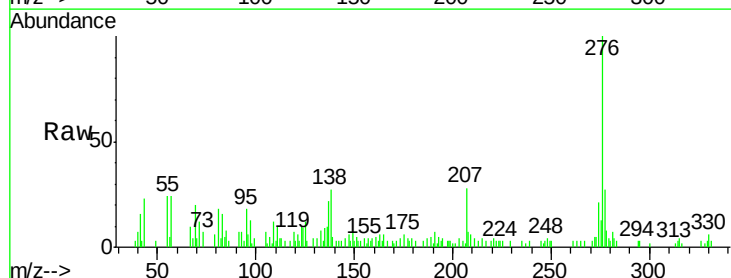
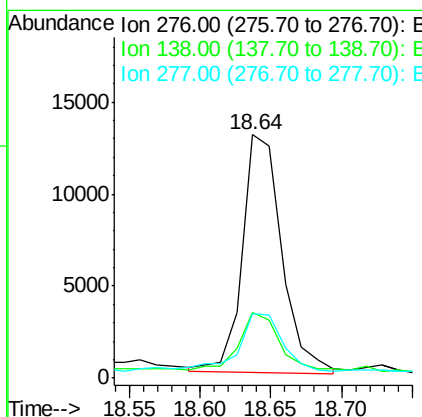
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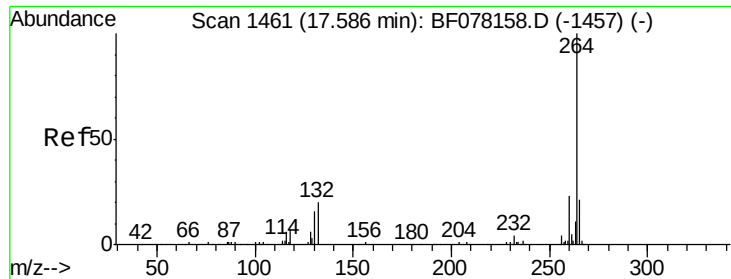
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.21 ng m
 RT: 18.64 min Scan# 1553
 Delta R.T. 0.11 min
 Lab File: BF078438.D
 Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.4	16.9	25.3#
277	10.2	15.8	23.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.40 min Scan# 1445

Delta R.T. 0.09 min

Lab File: BF078438.D

Acq: 11 Apr 2015 12:15

Instrument :

BNA_F

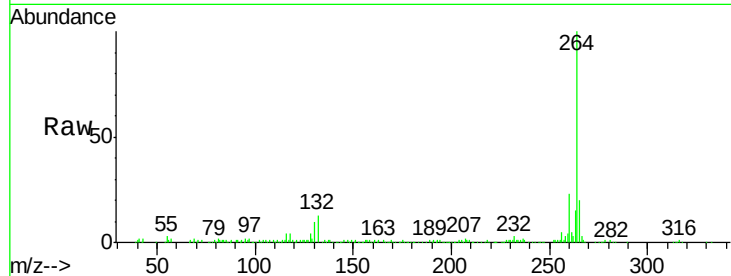
ClientSampleId :

SB-9D

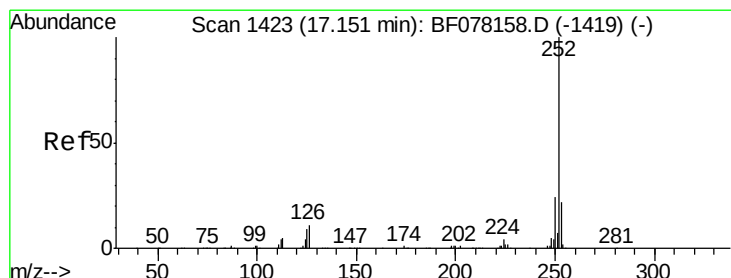
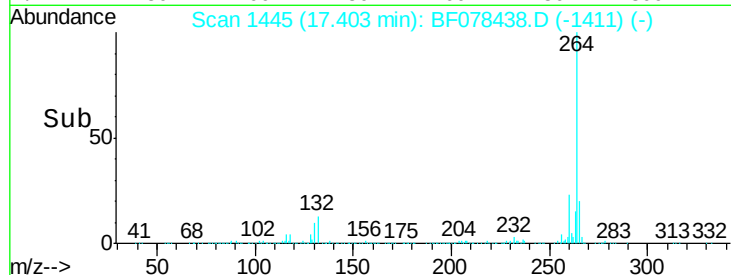
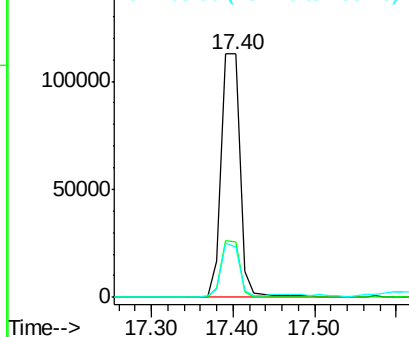
Tgt Ion:	264	Resp:	179113
Ion Ratio		Lower	Upper
264	100		
260	22.7	18.6	27.8
265	20.5	17.0	25.6

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 5.32 ng m

RT: 16.96 min Scan# 1406

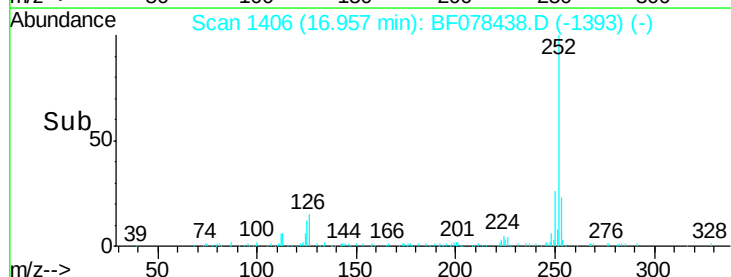
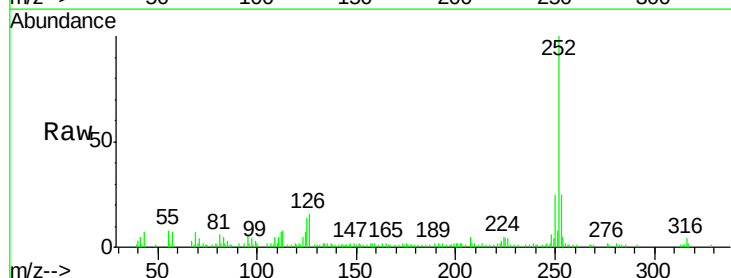
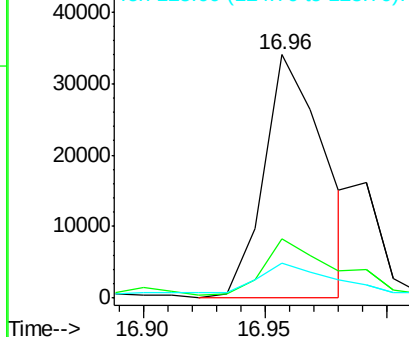
Delta R.T. 0.05 min

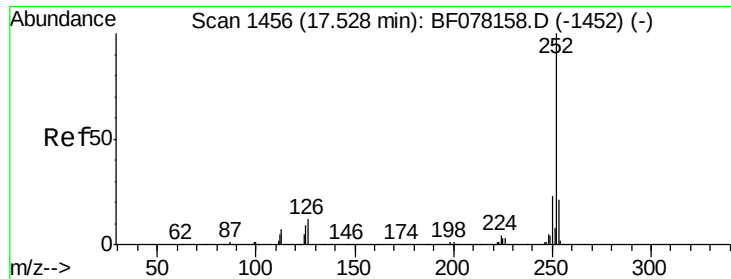
Lab File: BF078438.D

Acq: 11 Apr 2015 12:15

Tgt Ion:	252	Resp:	58851
Ion Ratio		Lower	Upper
252	100		
253	24.5	17.2	25.8
125	14.2	7.0	10.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





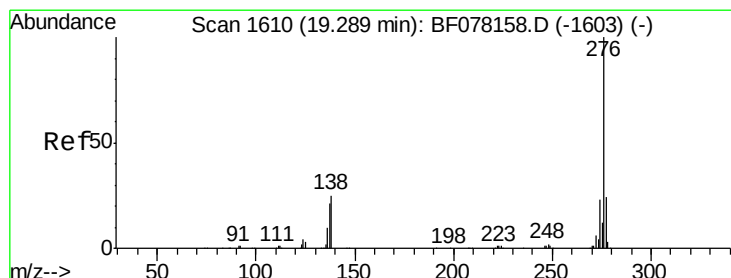
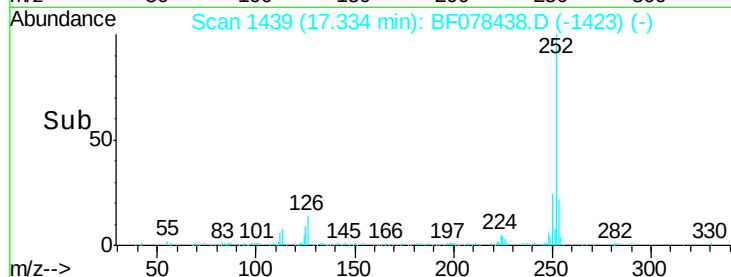
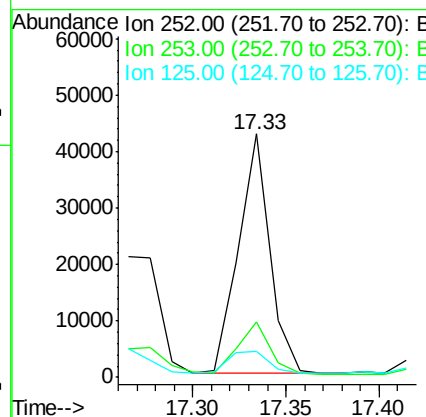
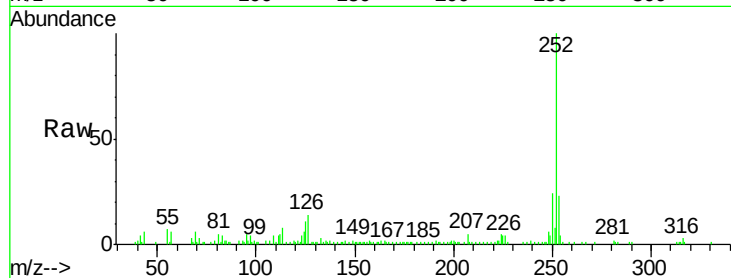
#89
Benzo(a)pyrene
Concen: 5.12 ng
RT: 17.33 min Scan# 1439
Delta R.T. 0.08 min
Lab File: BF078438.D
Acq: 11 Apr 2015 12:15

Instrument :
BNA_F
ClientSampled :
SB-9D

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.8	25.2
125	10.6	7.4	11.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.99 ng m
RT: 18.99 min Scan# 1584
Delta R.T. 0.11 min
Lab File: BF078438.D
Acq: 11 Apr 2015 12:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.4
138	28.2	19.9	29.9

