

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078636.D
 Acq On : 18 Apr 2015 10:56
 Operator : TP/IZ
 Sample : G1854-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB07

Manual Integrations
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Quant Time: Apr 20 01:43:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 05:04:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	37490	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	160369	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	84884	20.00	ng	0.00
63) Phenanthrene-d10	12.23	188	172287	20.00	ng	0.01
75) Chrysene-d12	15.47	240	204324	20.00	ng	0.01
86) Perylene-d12	17.17	264	212211	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	211145	92.86	ng	0.00
7) Phenol-d6	6.28	99	280155	98.31	ng	0.00
23) Nitrobenzene-d5	7.38	82	180744	68.31	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	76701	108.95	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	276512	46.56	ng	0.00
78) Terphenyl-d14	14.21	244	313448	34.66	ng	0.00
Target Compounds						
10) Phenol	6.31	94	7615	2.23	ng	Qvalue 89
48) Acenaphthylene	10.23	152	20079	2.28	ng	98
49) Dimethylphthalate	10.11	163	43150	6.77	ng	99
70) Phenanthrene	12.25	178	75292	7.55	ng	98
71) Anthracene	12.31	178	30707	3.13	ng	98
74) Fluoranthene	13.70	202	170355	16.21	ng	98
77) Pyrene	13.98	202	146010	11.38	ng	97
80) Benzo(a)anthracene	15.46	228	113470	9.33	ng	96
82) Chrysene	15.50	228	97984	8.58	ng	97
85) Indeno(1,2,3-cd)pyrene	18.34	276	84635	6.53	ng	# 91
87) Benzo(b)fluoranthene	16.73	252	163417m	12.46	ng	
88) Benzo(k)fluoranthene	16.74	252	65836m	5.65	ng	
89) Benzo(a)pyrene	17.10	252	107058	9.35	ng	# 94
91) Benzo(a,h,i)perylene	18.67	276	73080	6.36	ng	95

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

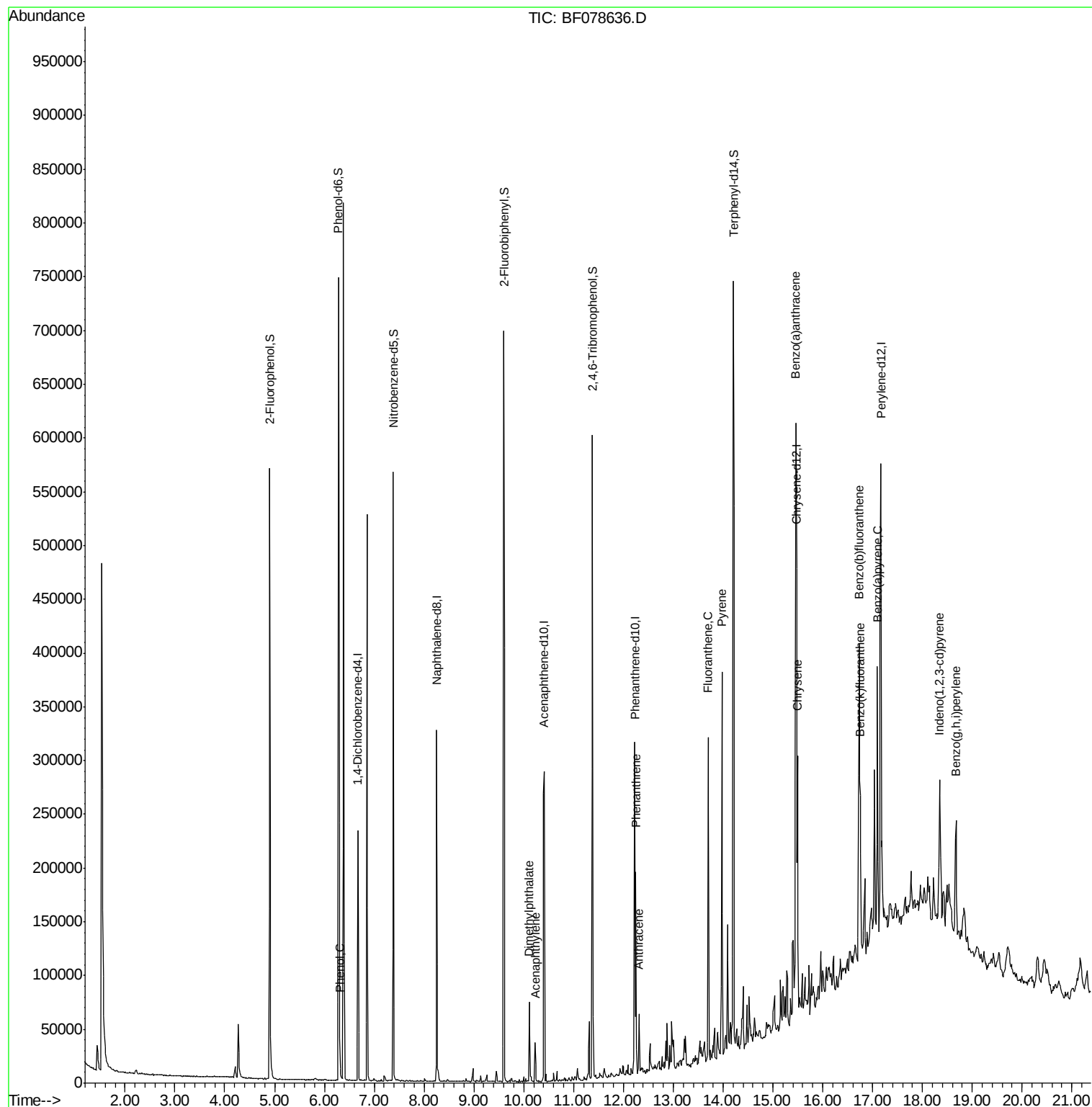
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
Data File : BF078636.D
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Sample : G1854-12
Misc :
ALS Vial : 33 Sample Multiplier: 1

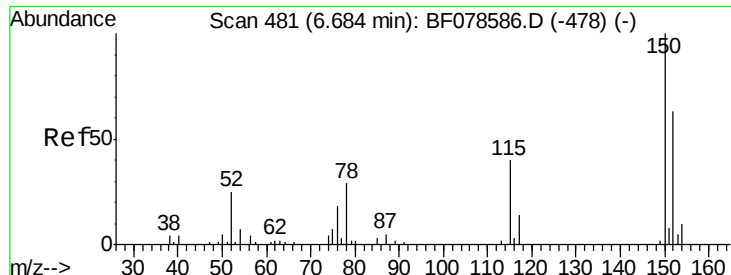
Instrument :
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Quant Time: Apr 20 01:43:17 2015
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#1

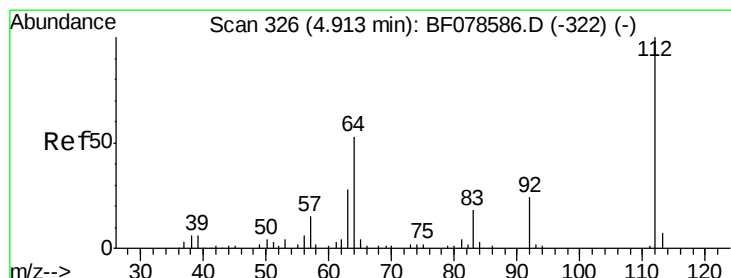
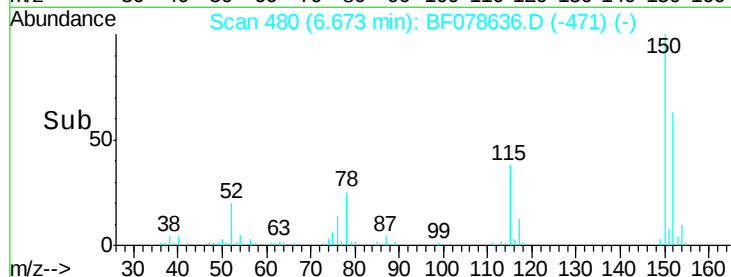
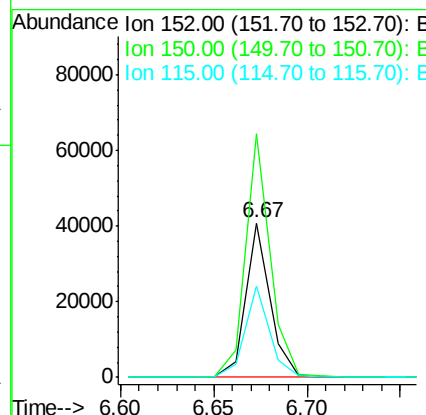
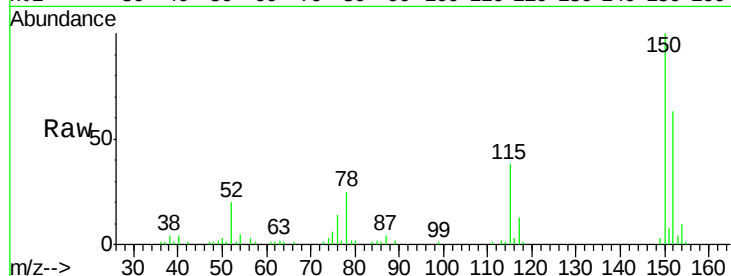
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleId :
LS-SB07

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.9	188.9
115	59.5	52.7	79.1

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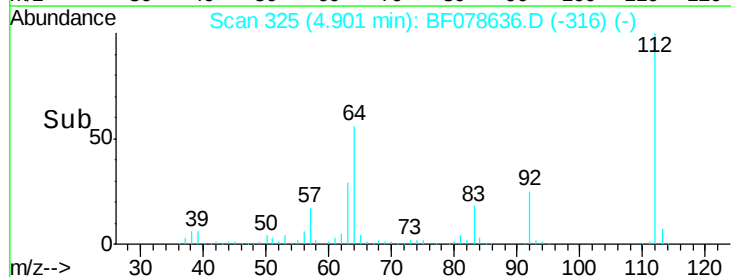
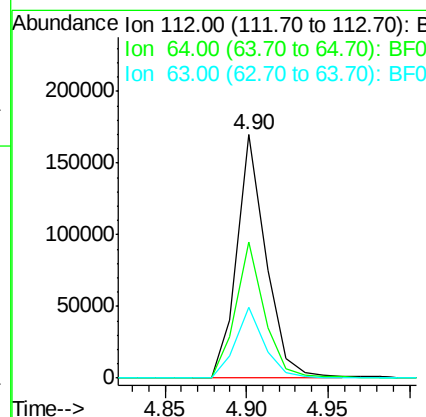
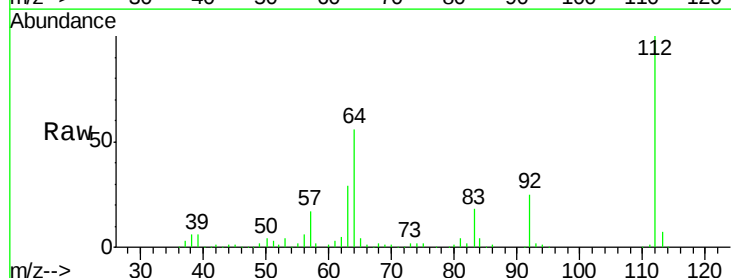
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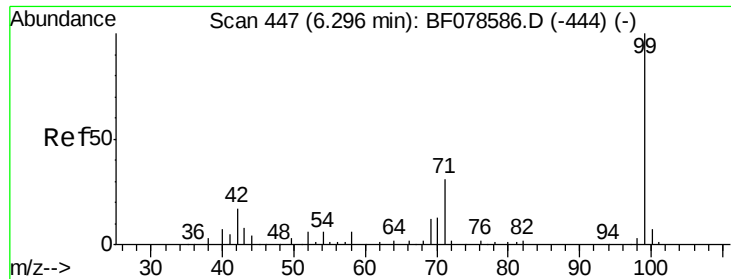


#5

2-Fluorophenol
Concen: 92.86 ng
RT: 4.90 min Scan# 325
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	39.9	59.9
63	29.1	20.2	30.4





#7

Phenol-d6

Concen: 98.31 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078636.D

Acq: 18 Apr 2015 10:56

Instrument :

BNA_F

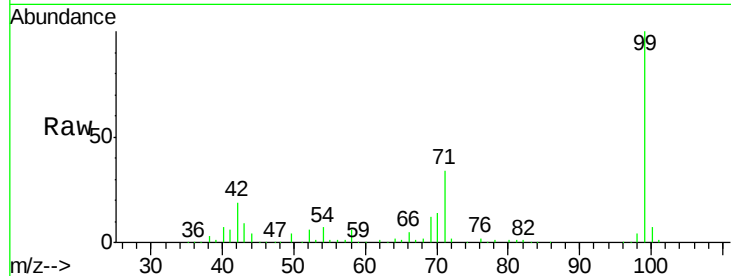
ClientSampleId :

LS-SB07

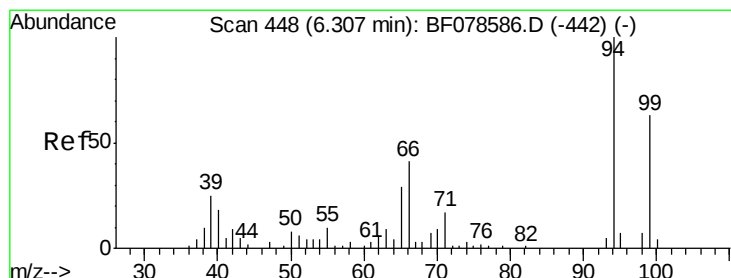
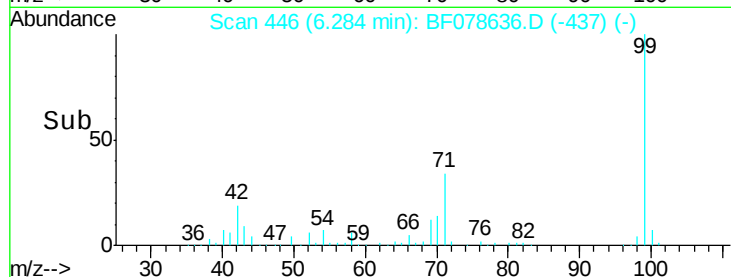
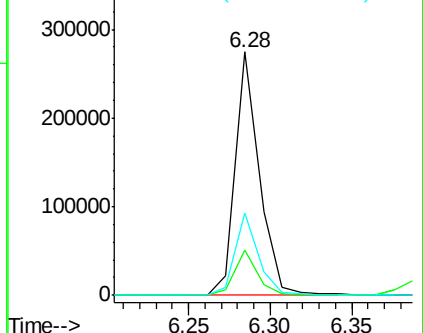
Tot Ion:	99	Resp:	280155
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.8	22.2
71	34.0	26.6	39.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.23 ng

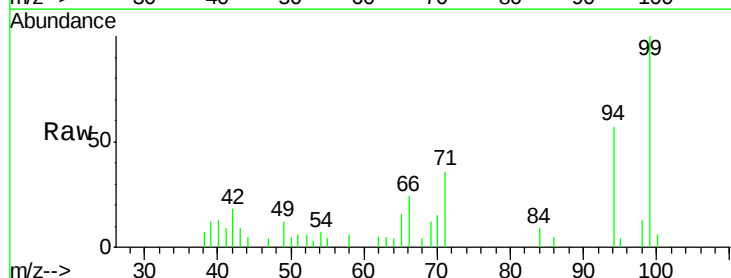
RT: 6.31 min Scan# 448

Delta R.T. 0.01 min

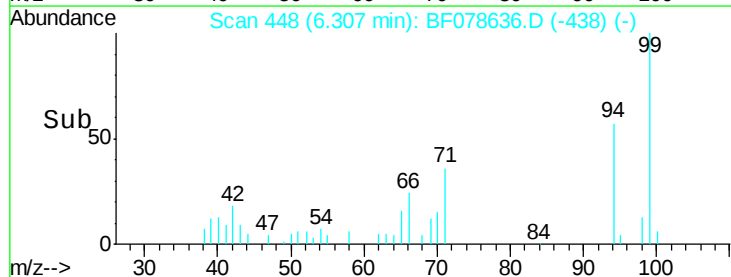
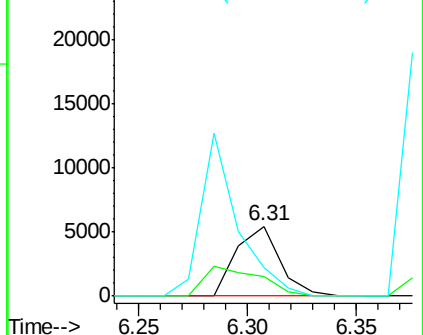
Lab File: BF078636.D

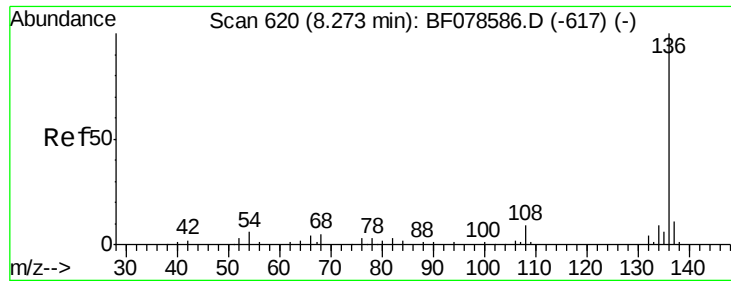
Acq: 18 Apr 2015 10:56

Tgt Ion:	94	Resp:	7615
Ion Ratio	Lower	Upper	
94	100		
65	28.2	4.9	44.9
66	41.6	13.8	53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





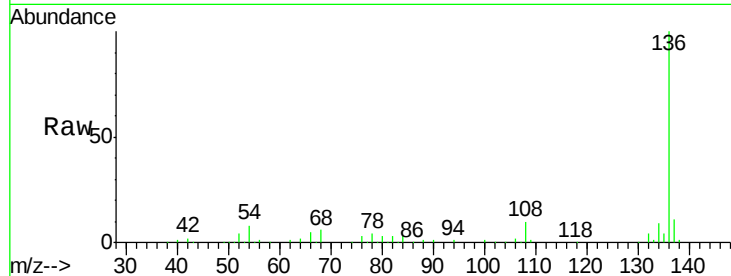
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleID :
LS-SB07

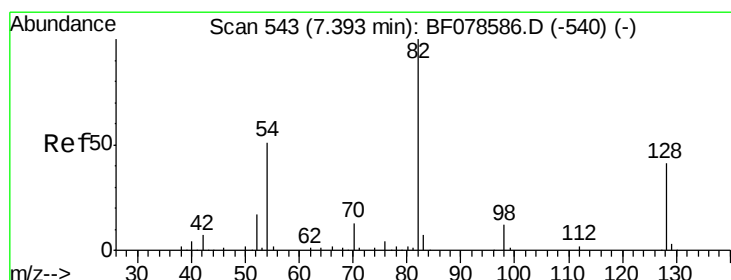
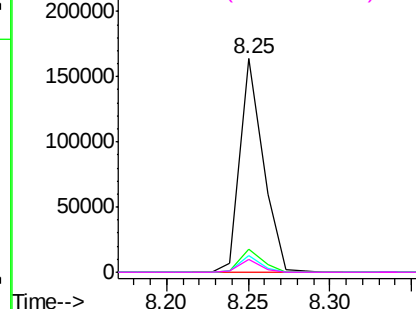
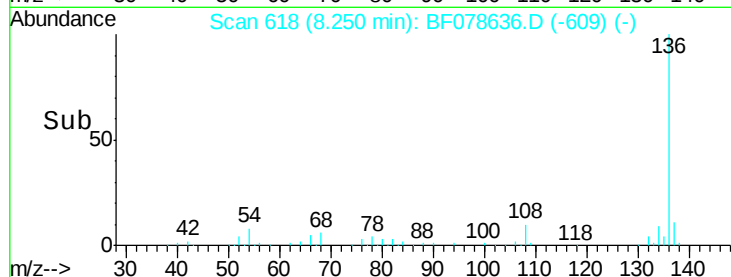
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		160369		
137	11.1		9.0	13.4	
54	8.0		7.0	10.6	
68	6.2		5.4	8.2	

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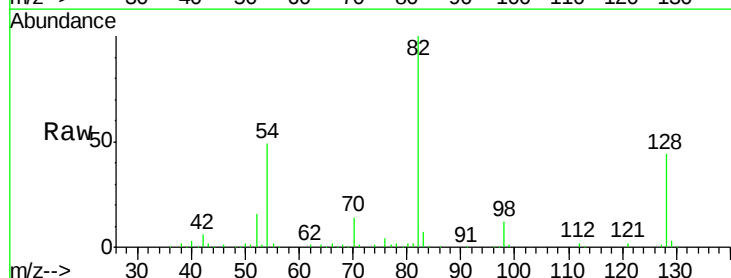


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

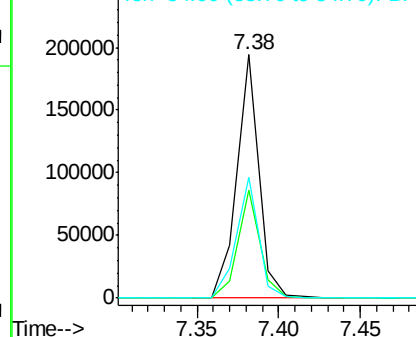
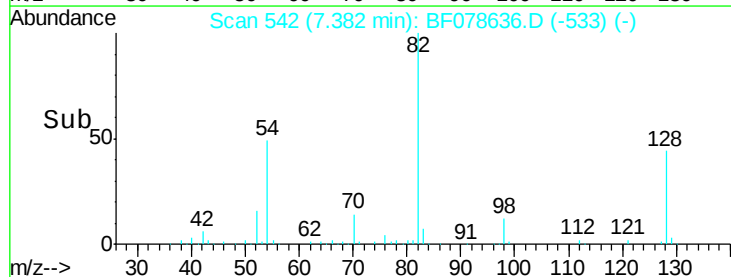


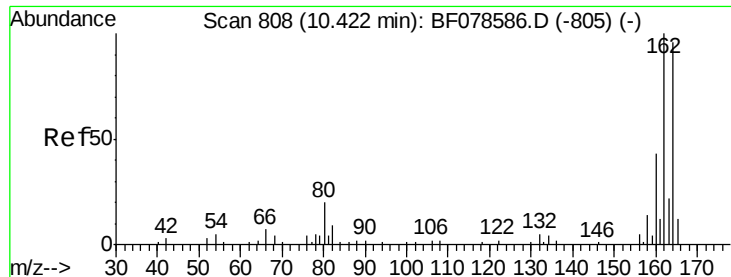
#23
Nitrobenzene-d5
Concen: 68.31 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		180744		
128	44.4		31.8	47.8	
54	49.4		41.5	62.3	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





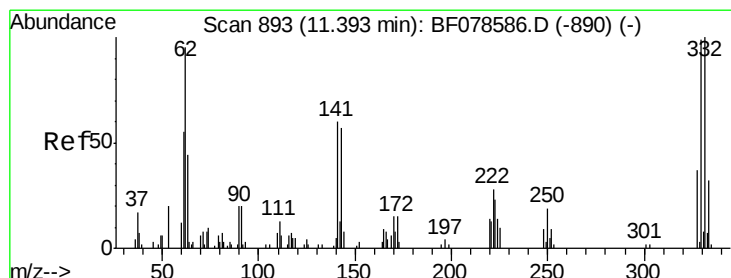
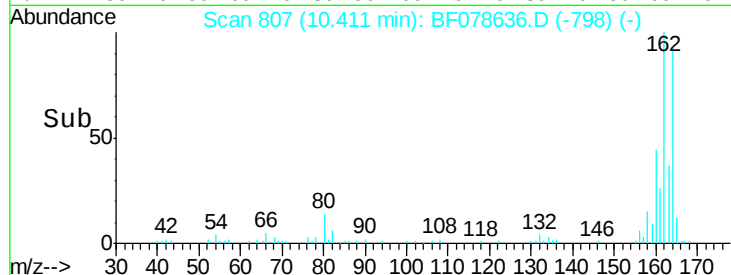
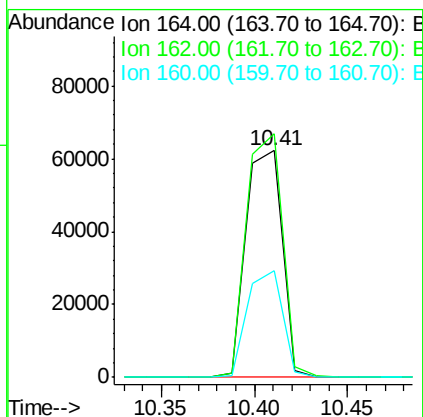
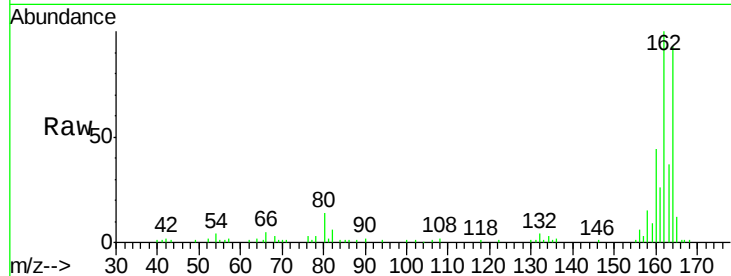
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleId :
LS-SB07

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.6	82.2	123.2
160	46.9	34.7	52.1

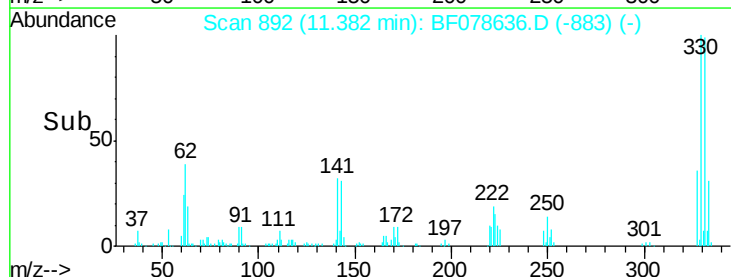
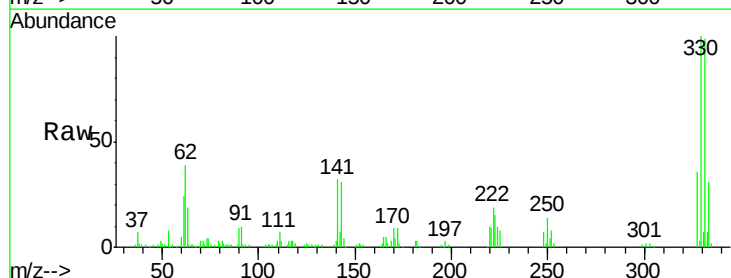
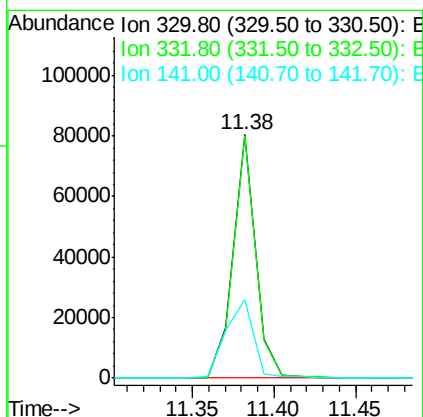
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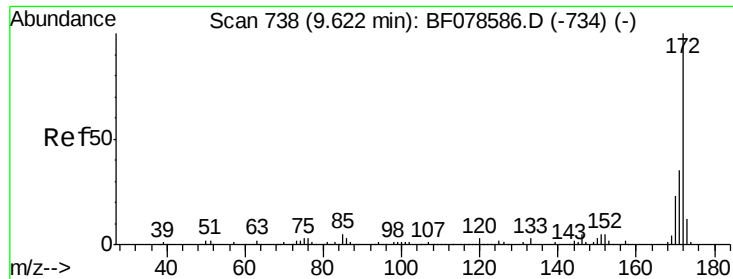
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#41
2,4,6-Tribromophenol
Concen: 108.95 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	78.6	117.8
141	39.9	31.2	46.8





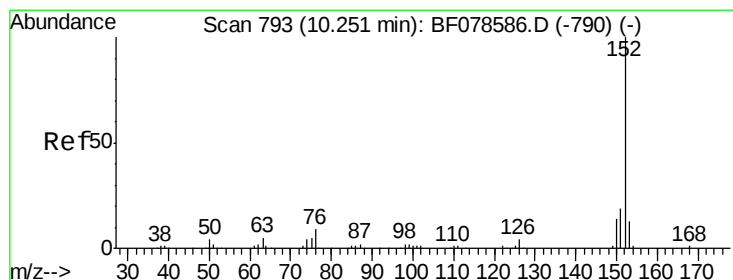
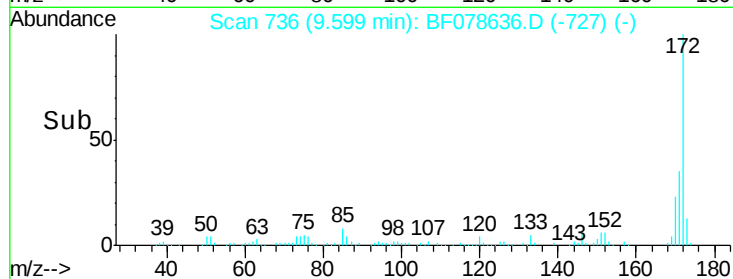
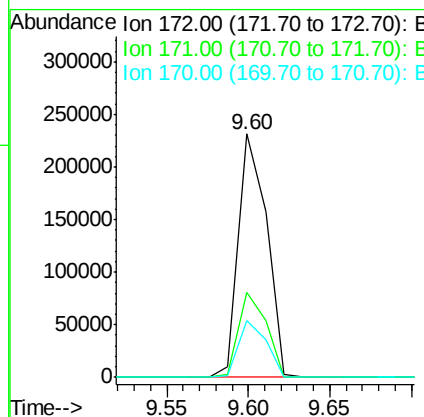
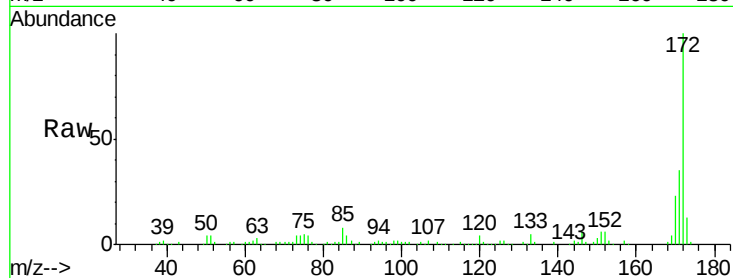
#44
 2-Fluorobiphenyl
 Concen: 46.56 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078636.D
 Acq: 18 Apr 2015 10:56

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB07

Tot Ion:	172	Resp:	276512
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.6	42.8
170	23.2	18.5	27.7

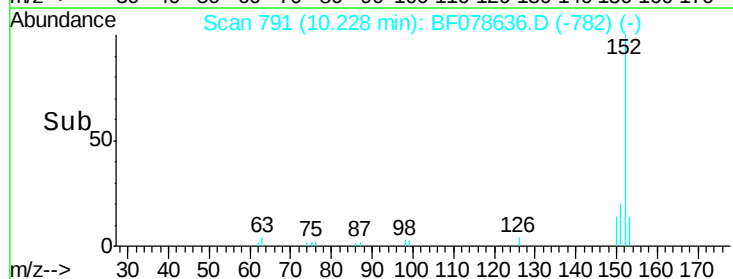
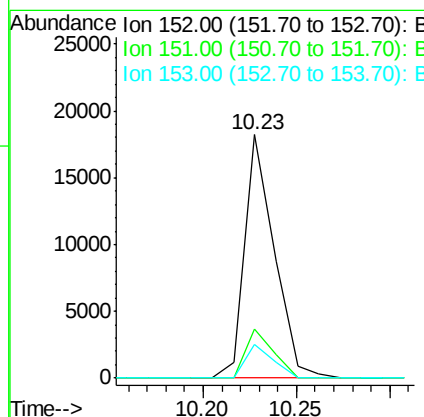
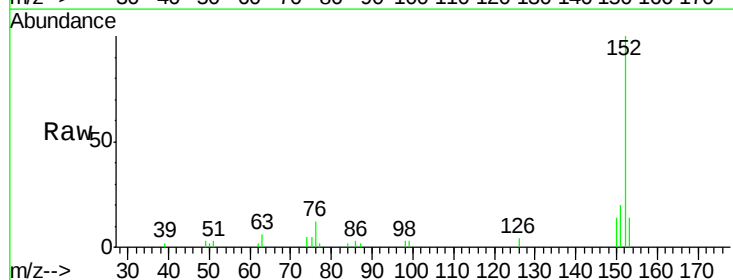
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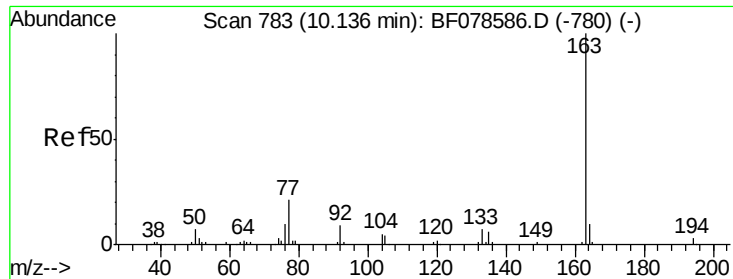
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#48
 Acenaphthylene
 Concen: 2.28 ng
 RT: 10.23 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF078636.D
 Acq: 18 Apr 2015 10:56

Tgt Ion:	152	Resp:	20079
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.7	23.5
153	13.8	10.2	15.2





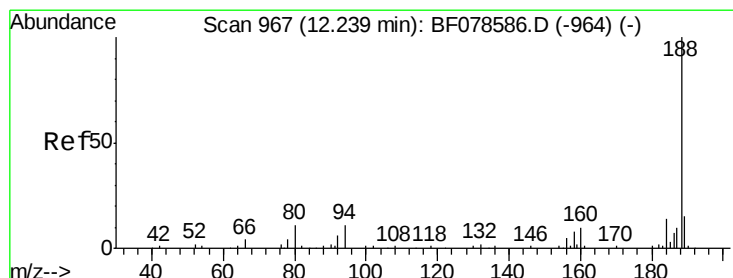
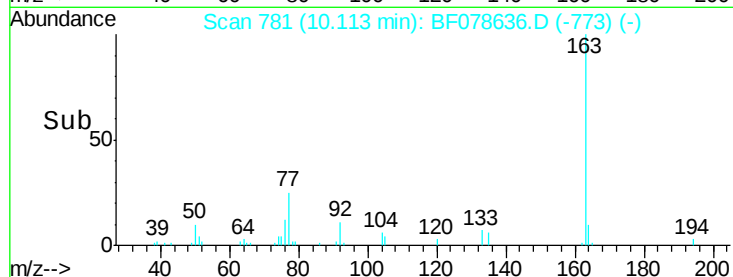
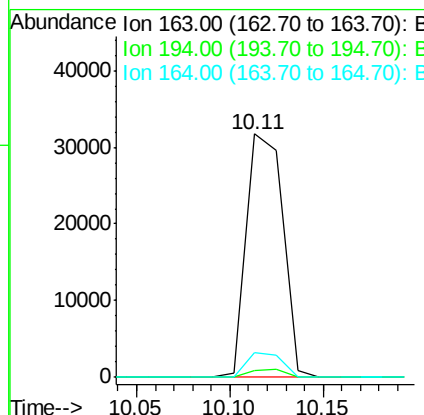
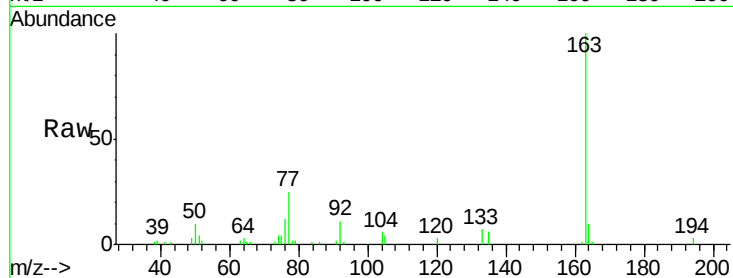
#49
Dimethylphthalate
Concen: 6.77 ng
RT: 10.11 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleId :
LS-SB07

Tot Ion	Ratio	Resp	Lower	Upper
163	100	43150		
194	2.8		2.3	3.5
164	10.4		8.6	13.0

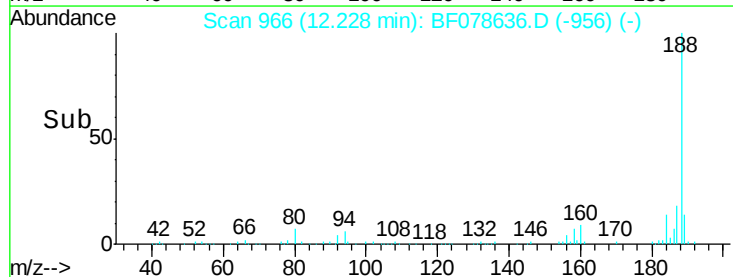
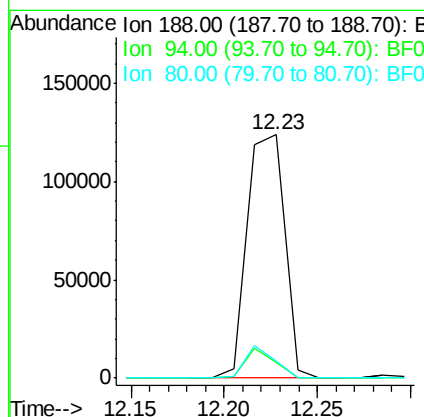
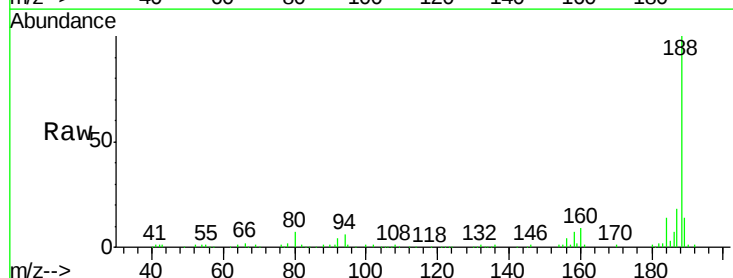
Manual Integrations
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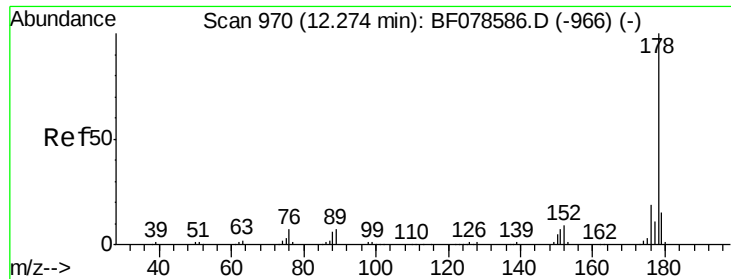
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	172287		
94	6.5		9.0	13.4#
80	6.8		9.5	14.3#





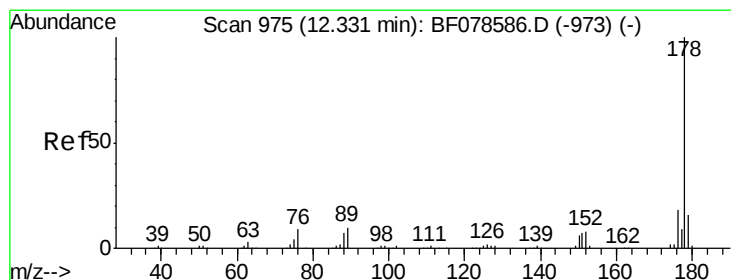
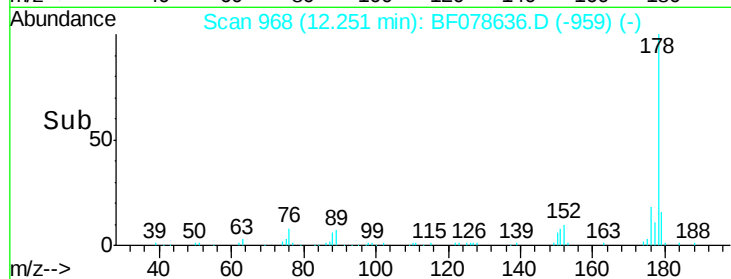
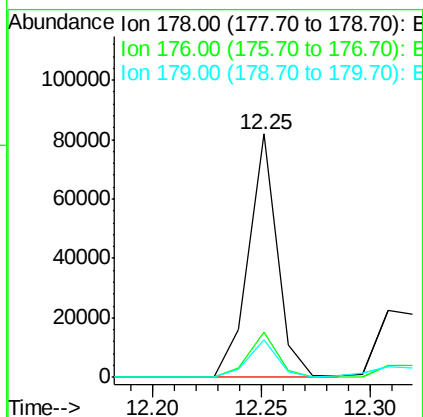
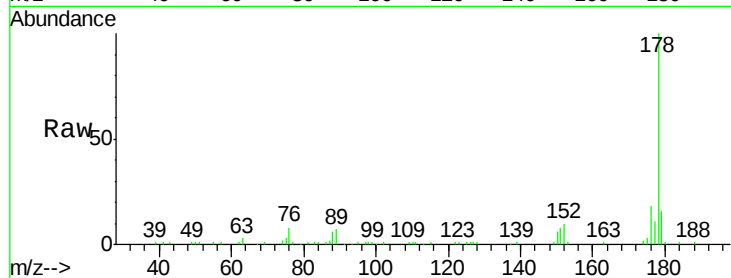
#70
Phenanthrene
Concen: 7.55 ng
RT: 12.25 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampled :
LS-SB07

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.6	12.2	18.2

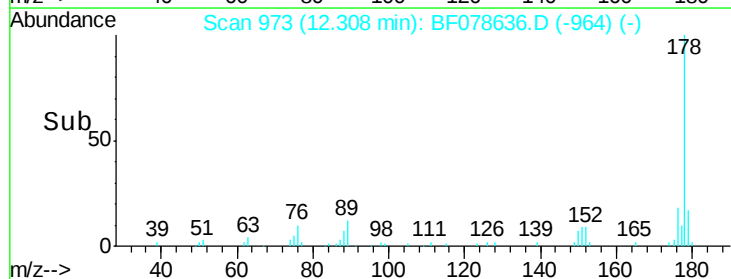
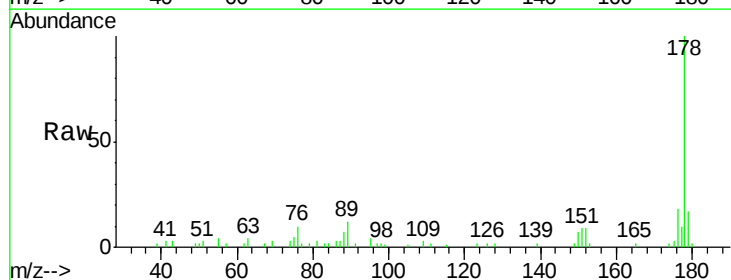
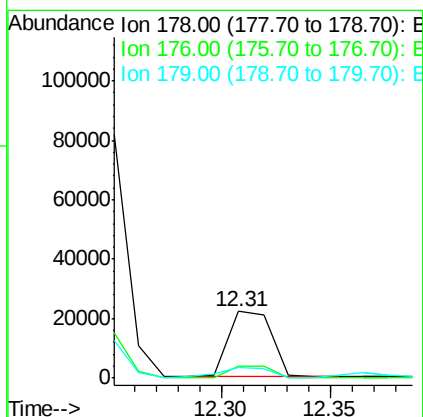
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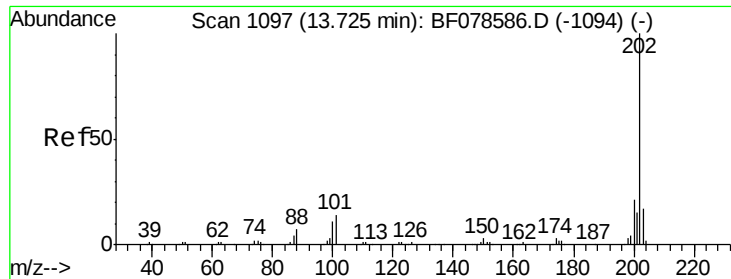
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#71
Anthracene
Concen: 3.13 ng
RT: 12.31 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.8	22.2
179	16.8	12.4	18.6





#74

Fluoranthene

Concen: 16.21 ng

RT: 13.70 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF078636.D

Acq: 18 Apr 2015 10:56

Instrument :

BNA_F

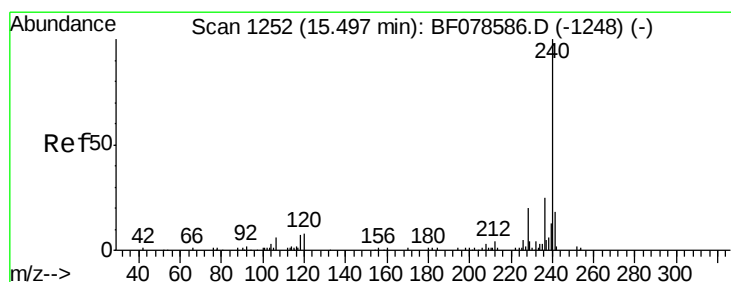
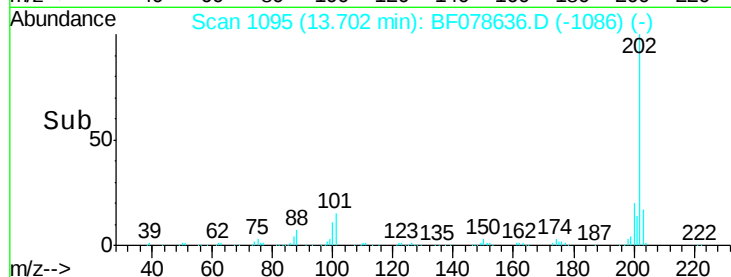
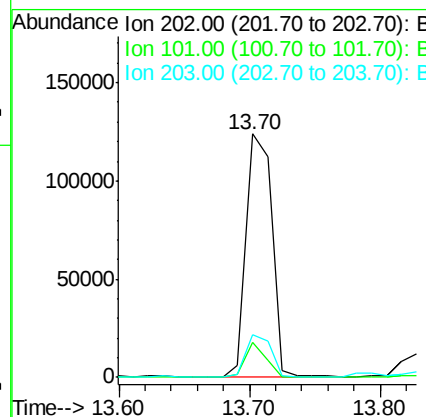
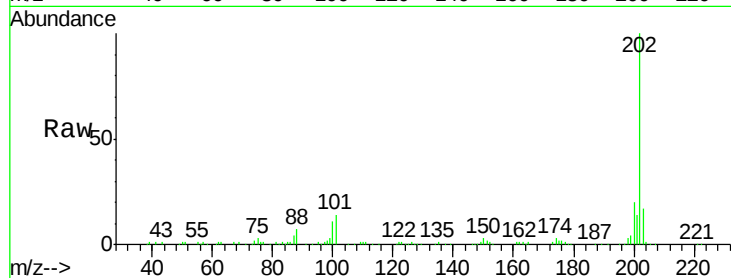
ClientSampleId :

LS-SB07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		170355		
101	14.5	0.0	35.2		
203	17.4	0.0	38.5		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

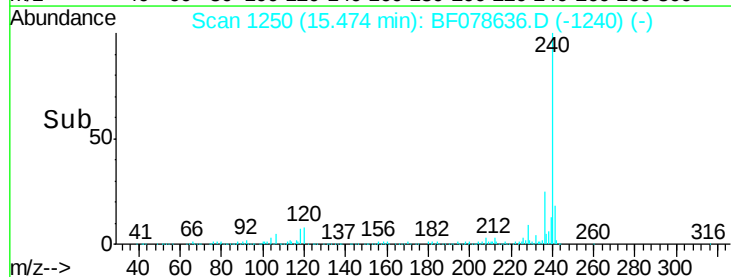
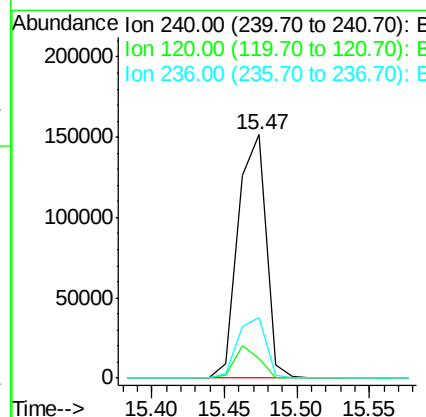
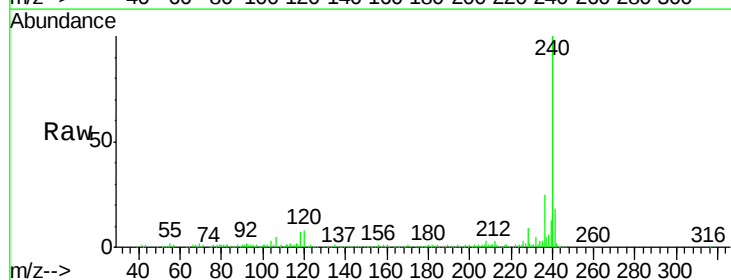
RT: 15.47 min Scan# 1250

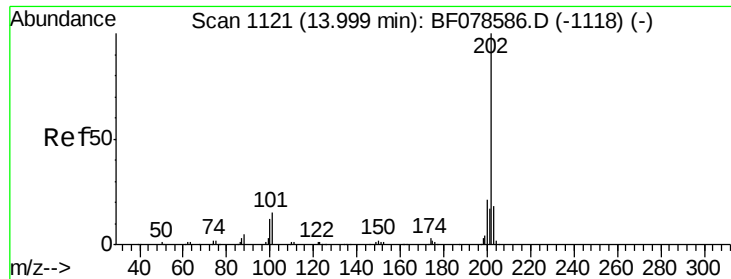
Delta R.T. 0.01 min

Lab File: BF078636.D

Acq: 18 Apr 2015 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		204324		
120	7.9	7.1	10.7		
236	24.9	21.4	32.2		





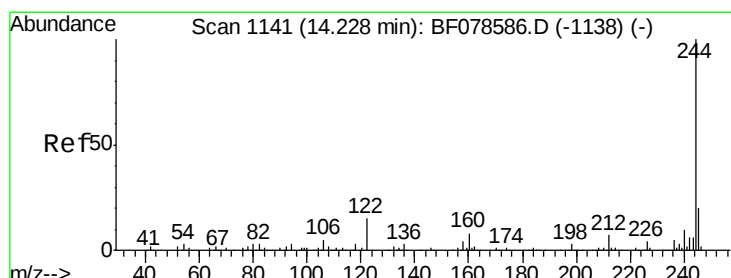
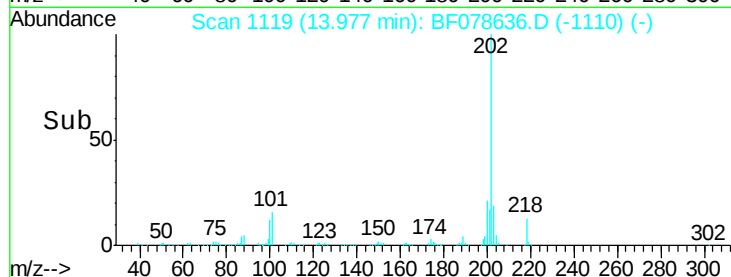
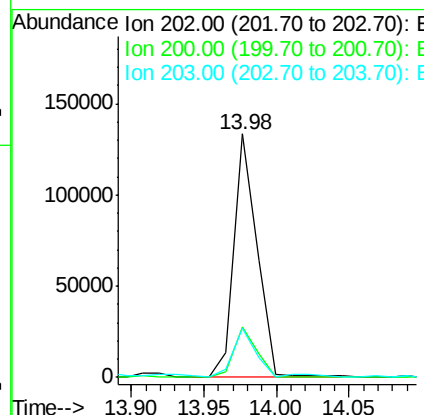
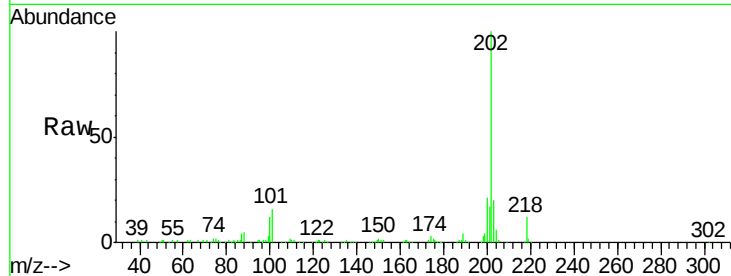
#77
Pvrene
Concen: 11.38 ng
RT: 13.98 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleId :
LS-SB07

Tot Ion	Ratio	Resp	Lower	Upper
202	100	146010		
200	20.5	16.3	24.5	
203	20.2	13.8	20.6	

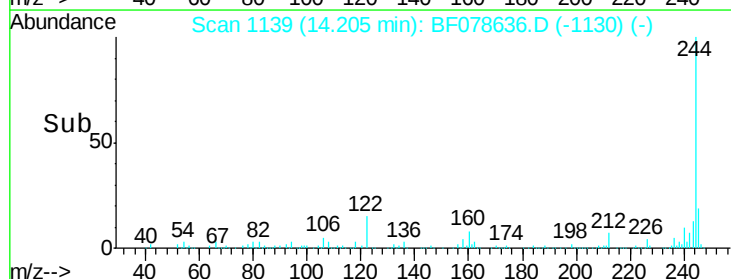
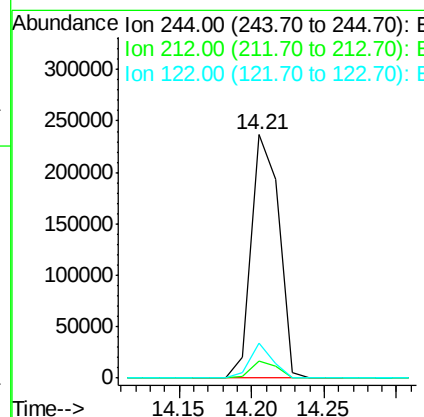
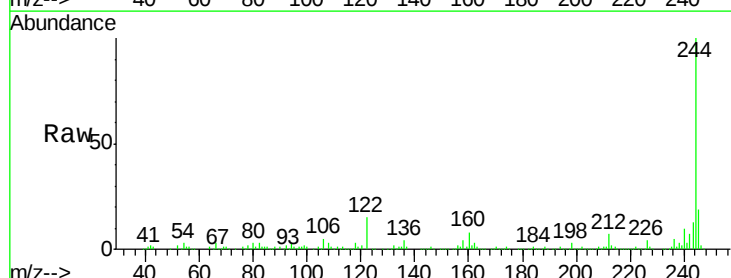
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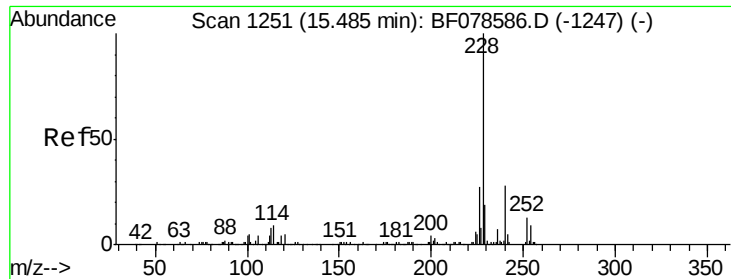
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#78
Terphenyl-d14
Concen: 34.66 ng
RT: 14.21 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	313448		
212	7.3	5.0	7.4	
122	14.6	7.1	10.7	





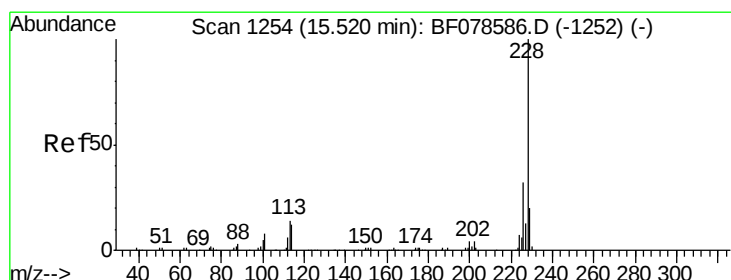
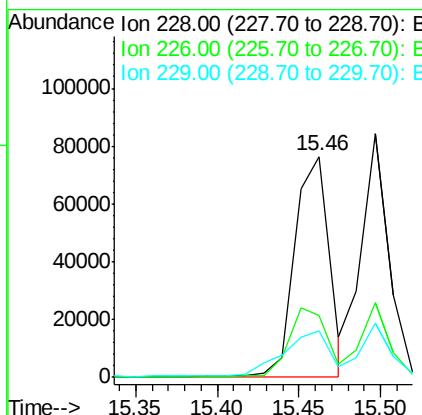
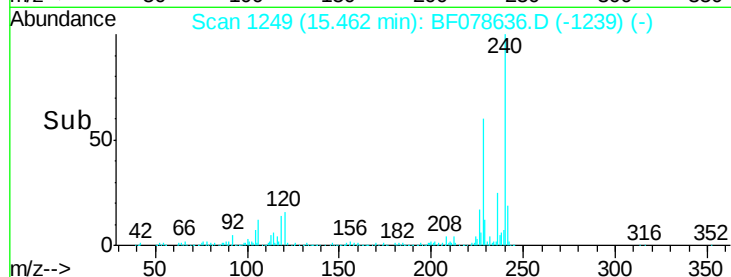
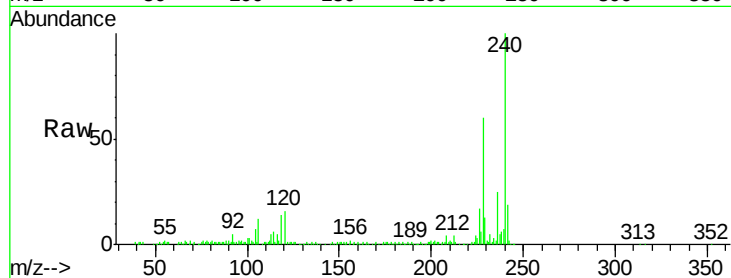
#80
Benzo(a)anthracene
Concen: 9.33 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleId :
LS-SB07

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.3	31.9
229	21.1	15.4	23.2

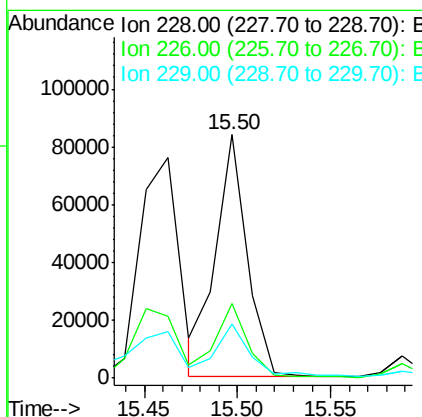
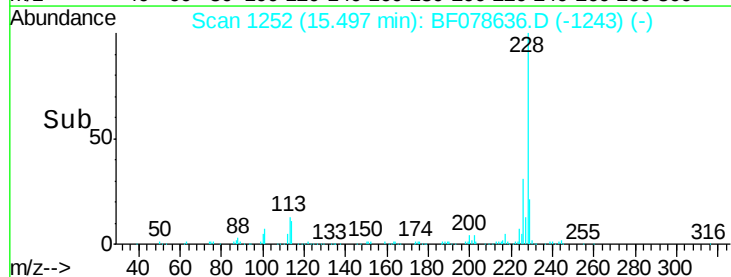
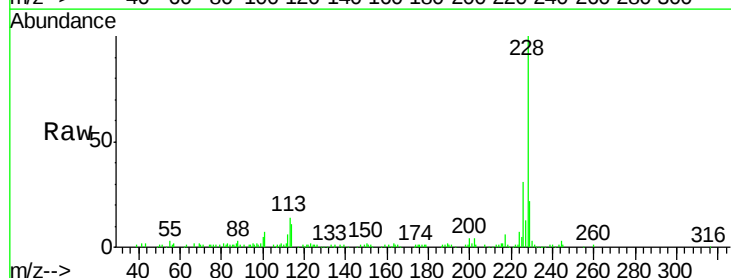
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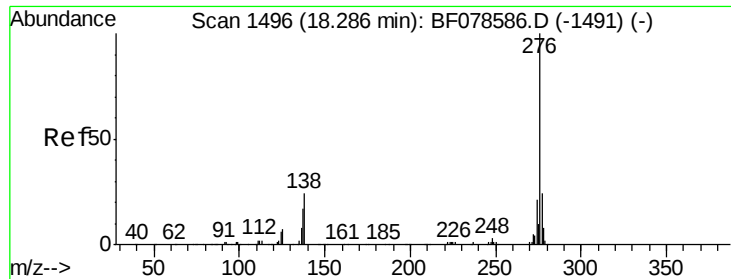
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#82
Chrysene
Concen: 8.58 ng
RT: 15.50 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	22.0	15.8	23.8





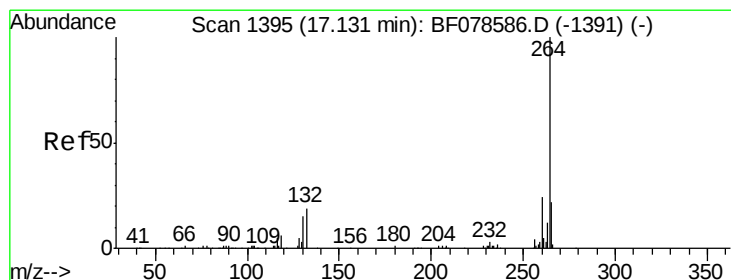
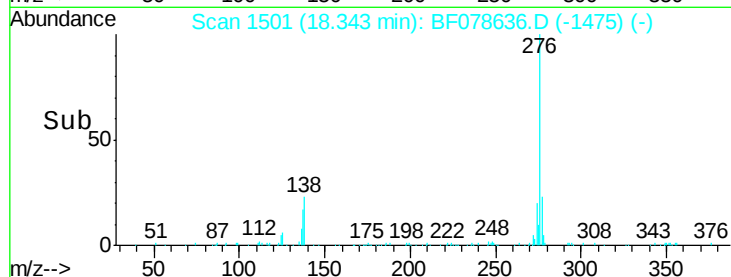
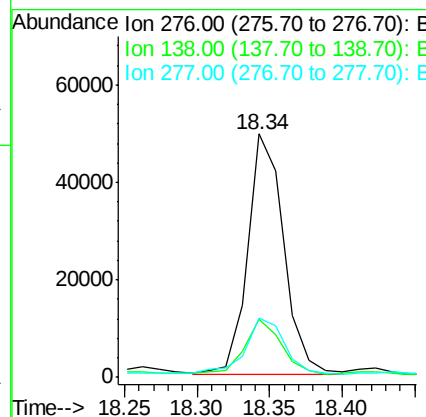
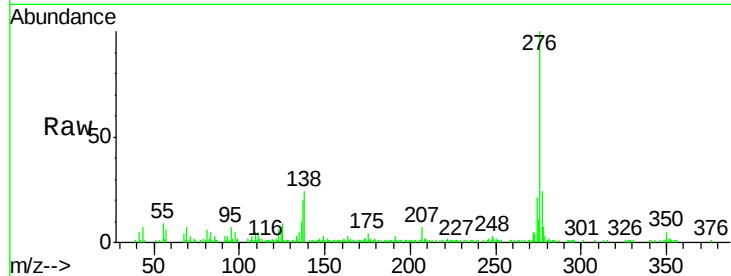
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.53 ng
RT: 18.34 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleId :
LS-SB07

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.9	25.3
277	26.3	15.8	23.6

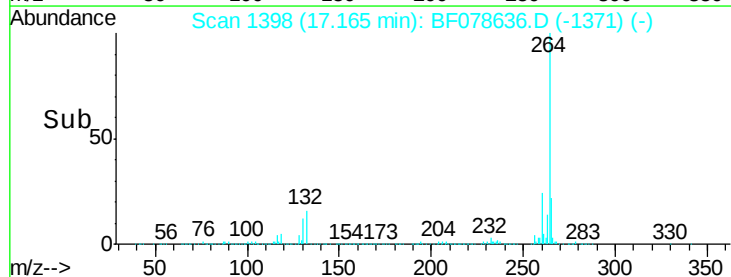
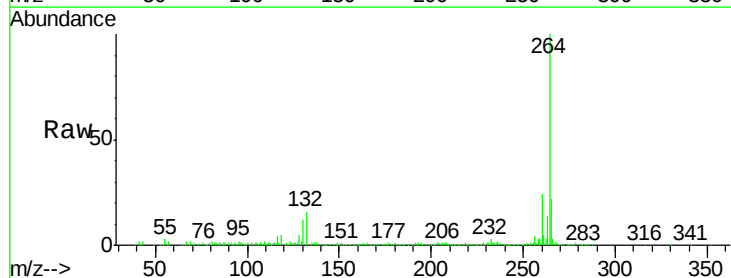
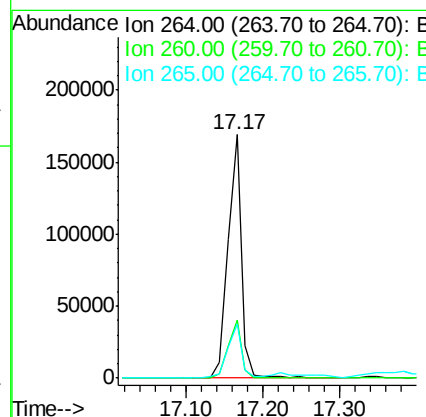
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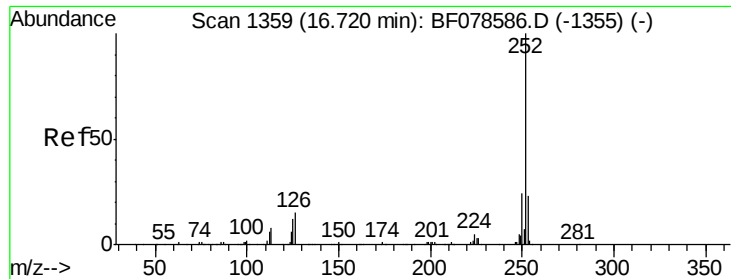
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.17 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.0	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 12.46 ng m

RT: 16.73 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF078636.D

Acq: 18 Apr 2015 10:56

Instrument :

BNA_F

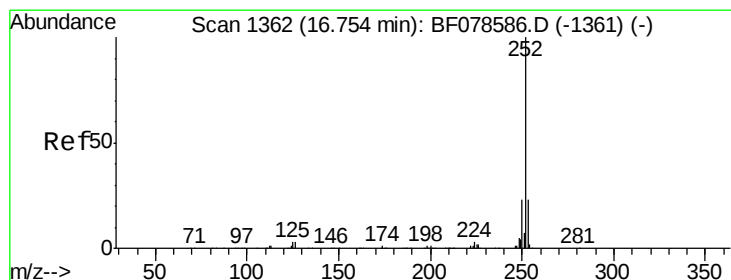
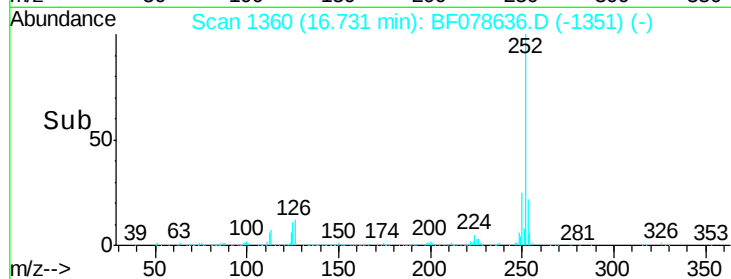
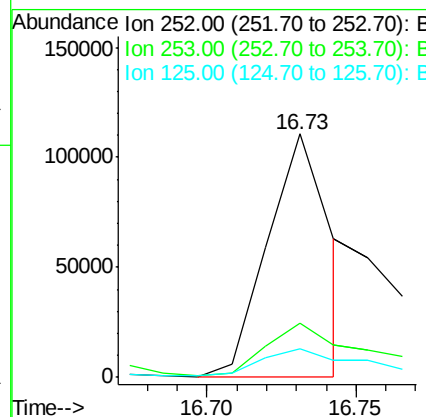
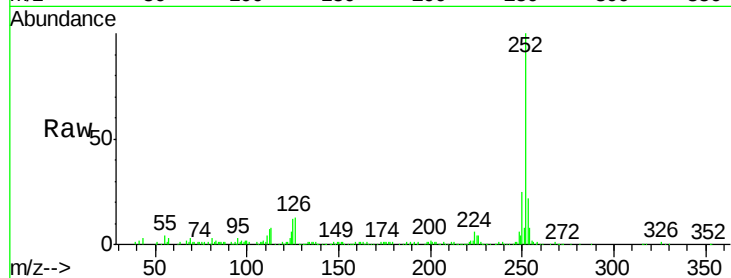
ClientSampleId :

LS-SB07

Tot Ion:	252	Resp:	163417
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	12.0	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 5.65 ng m

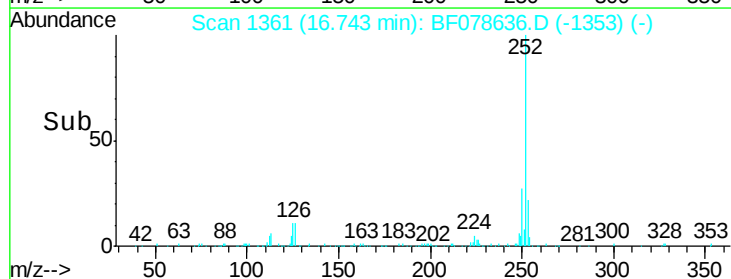
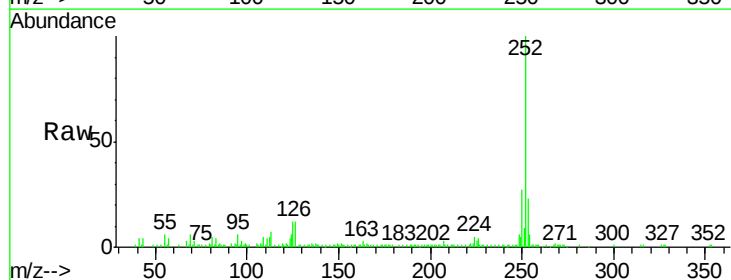
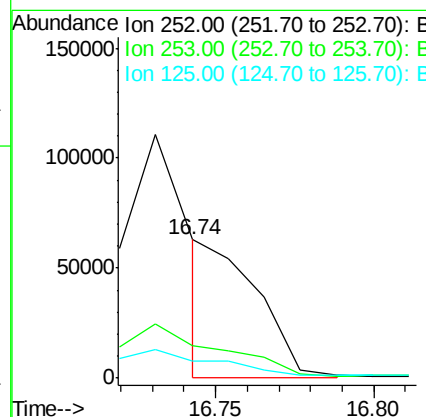
RT: 16.74 min Scan# 1361

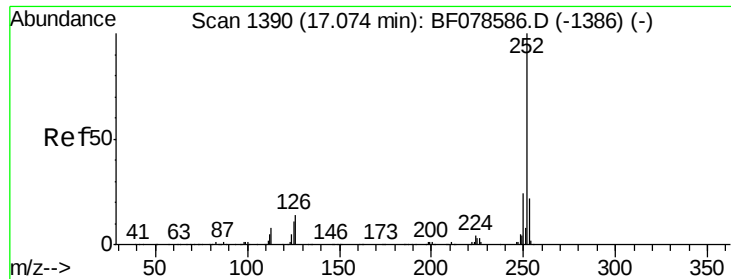
Delta R.T. -0.01 min

Lab File: BF078636.D

Acq: 18 Apr 2015 10:56

Tgt Ion:	252	Resp:	65836
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	12.4	11.6	17.4





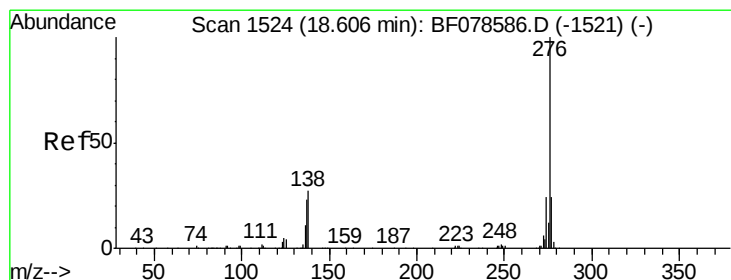
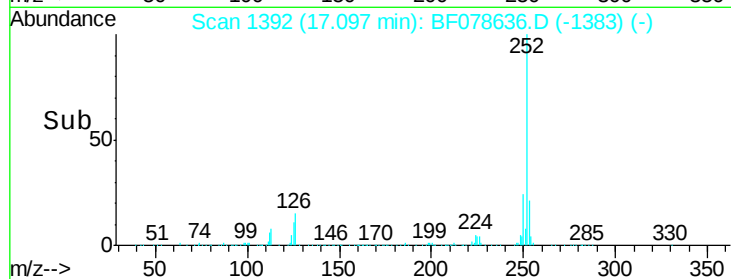
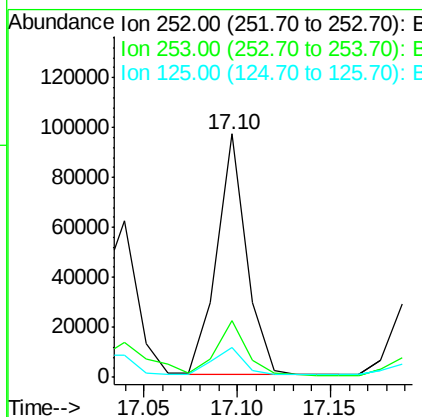
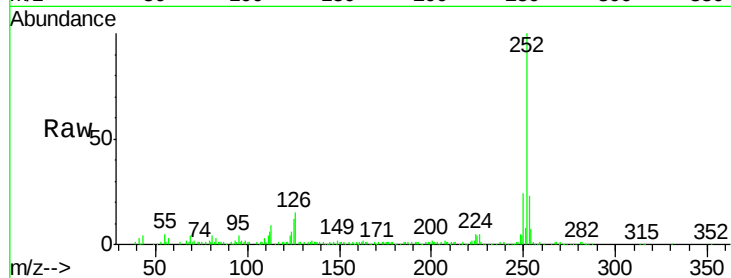
#89
Benzo(a)pyrene
Concen: 9.35 ng
RT: 17.10 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Instrument :
BNA_F
ClientSampleId :
LS-SB07

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	16.8	25.2
125	12.1	7.4	11.0

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.36 ng
RT: 18.67 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF078636.D
Acq: 18 Apr 2015 10:56

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	24.4	19.0	28.4
138	21.1	19.9	29.9

