

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078664.D
 Acq On : 21 Apr 2015 3:19
 Operator : TP/IZ
 Sample : G1855-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB12B

Manual Integrations
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 4/21/2015 5:03:52 PM

Quant Time: Apr 21 04:01:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 03:43:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	37455	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	154264	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	78382	20.00	ng	-0.01
63) Phenanthrene-d10	13.93	188	153966	20.00	ng	-0.01
75) Chrysene-d12	17.79	240	159019	20.00	ng	-0.01
86) Perylene-d12	19.46	264	153928	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	210189	92.53	ng	0.00
7) Phenol-d6	5.36	99	278312	97.76	ng	0.00
23) Nitrobenzene-d5	6.80	82	177461	69.73	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	61417	94.48	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	323357	58.97	ng	0.00
78) Terphenyl-d14	16.46	244	253097	35.97	ng	-0.01
Target Compounds						
49) Dimethylphthalate	10.83	163	37539	6.37	ng	# 97
74) Fluoranthene	15.86	202	53816	5.73	ng	93
77) Pyrene	16.17	202	64042	6.42	ng	95
80) Benzo(a)anthracene	17.78	228	47892	5.06	ng	96
82) Chrysene	17.83	228	41080	4.62	ng	99
85) Indeno(1,2,3-cd)pyrene	20.61	276	47059	4.67	ng	# 89
87) Benzo(b)fluoranthene	19.06	252	75956m	7.98	ng	
88) Benzo(k)fluoranthene	19.09	252	28638m	3.39	ng	
89) Benzo(a)pyrene	19.41	252	55928	6.74	ng	# 95
91) Benzo(g,h,i)perylene	20.93	276	43142	5.18	ng	97

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

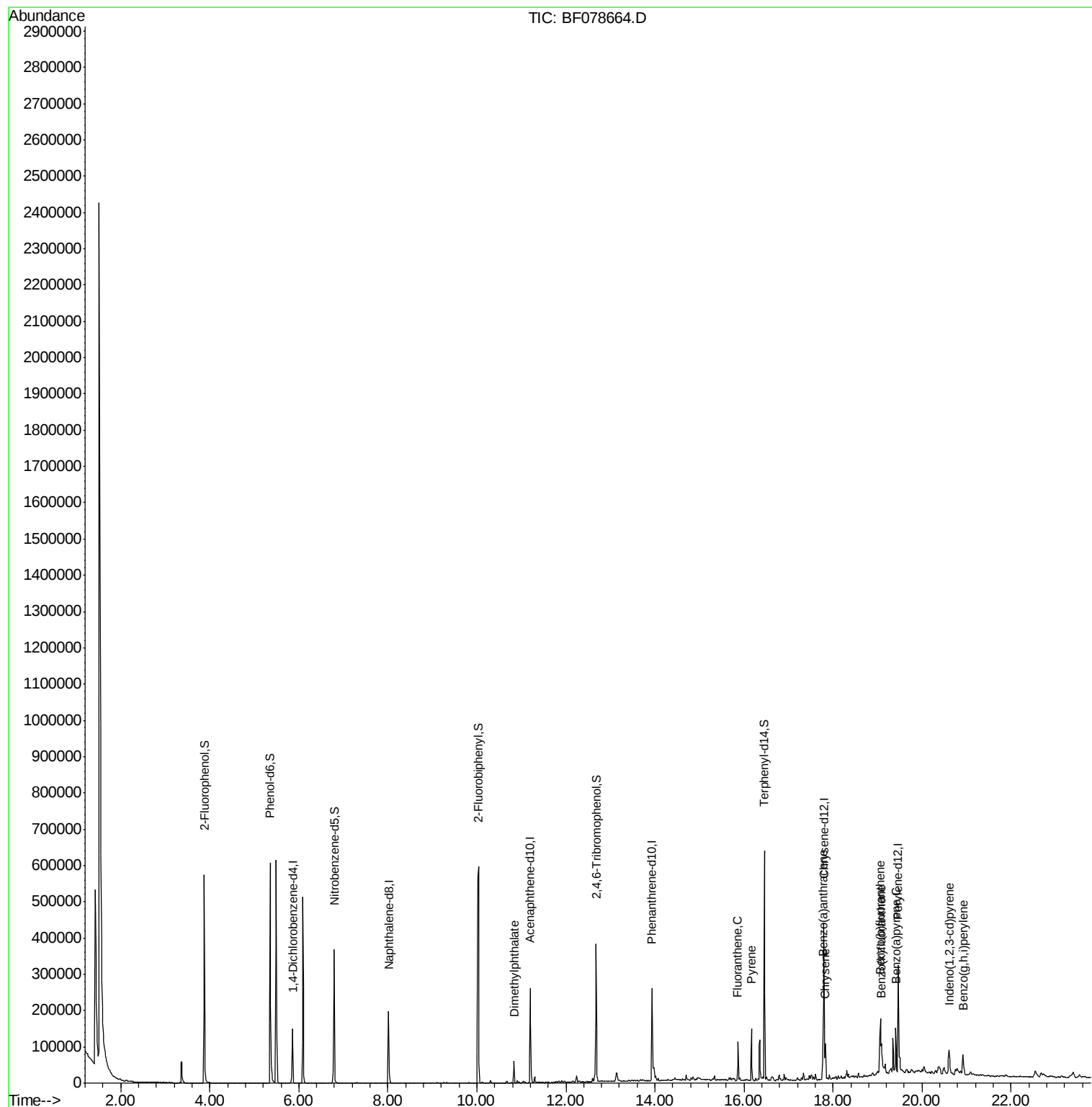
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078664.D
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Operator : TP/IZ
Sample : G1855-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

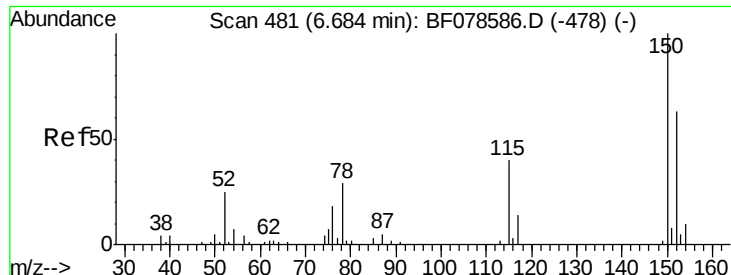
Instrument :
BNA_F
ClientSampleId :
LS-SB12B

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Quant Time: Apr 21 04:01:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
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#1

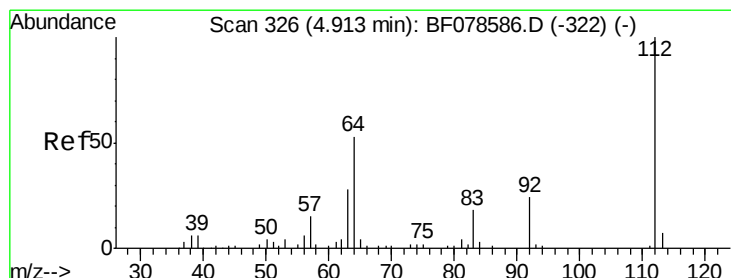
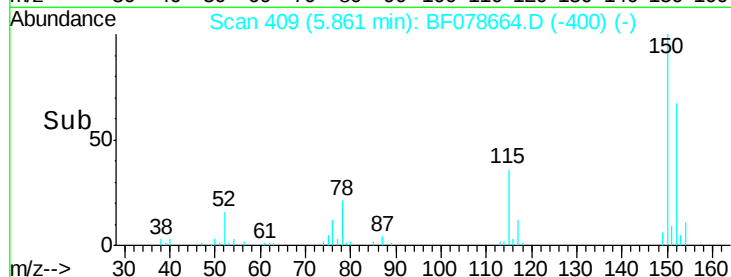
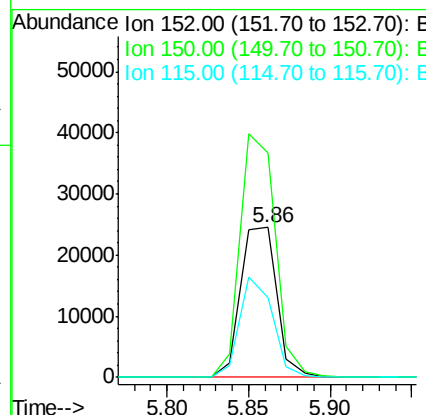
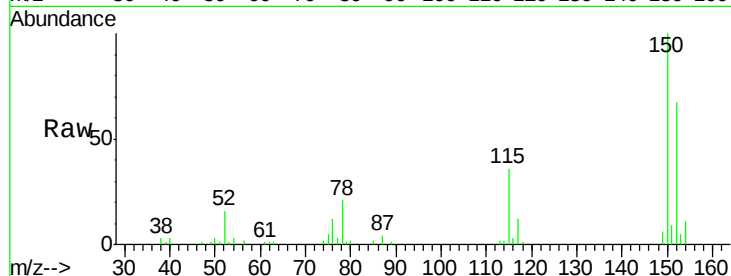
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.86 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Instrument :
BNA_F
ClientSampled :
LS-SB12B

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	125.9	188.9
115	53.6	52.7	79.1

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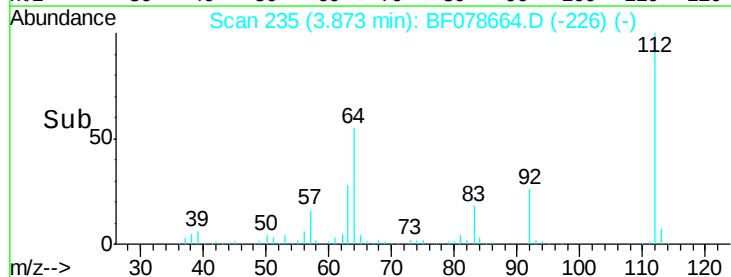
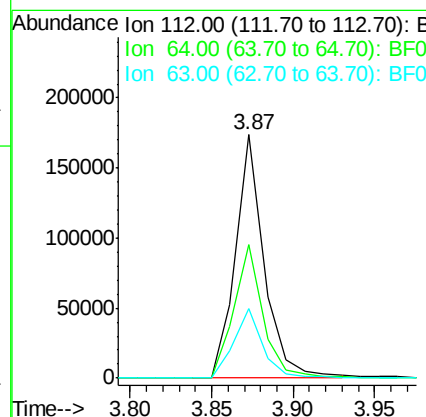
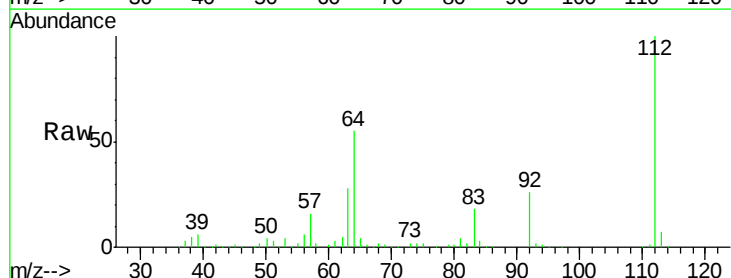
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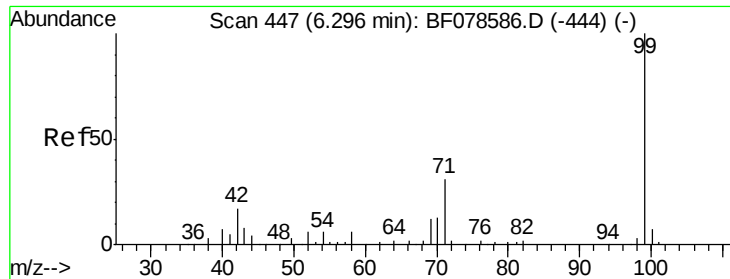


#5

2-Fluorophenol
Concen: 92.53 ng
RT: 3.87 min Scan# 235
Delta R.T. -0.00 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	39.9	59.9
63	28.5	20.2	30.4





#7

Phenol-d6

Concen: 97.76 ng

RT: 5.36 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

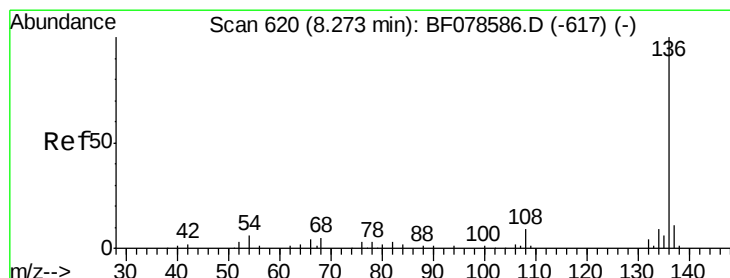
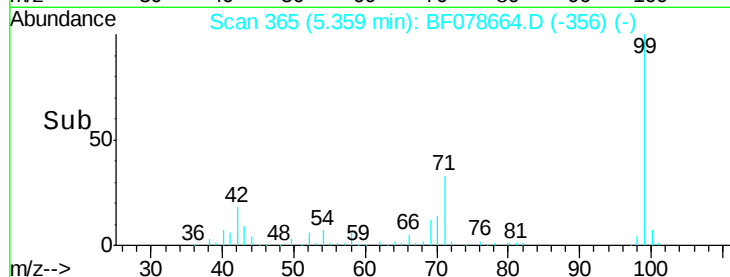
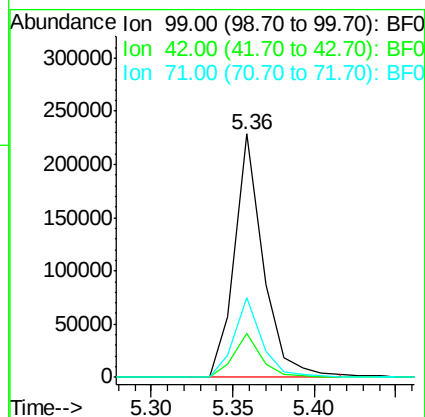
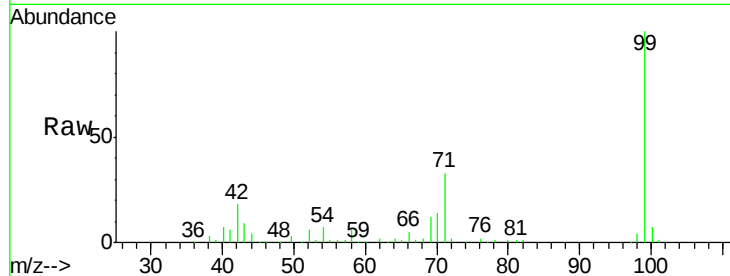
ClientSampleId :

LS-SB12B

Tot Ion:	99	Resp:	278312
Ion Ratio	Lower	Upper	
99	100		
42	17.9	14.8	22.2
71	33.0	26.6	39.8

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#21

Naphthalene-d8

Concen: 20.00 ng

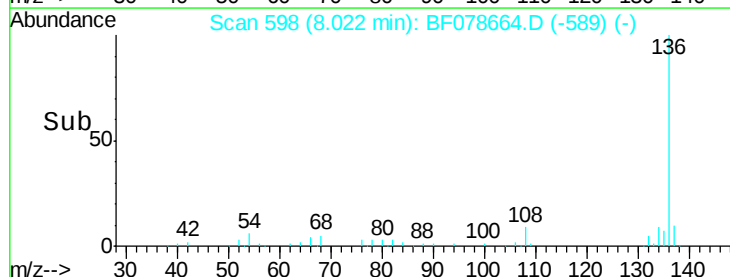
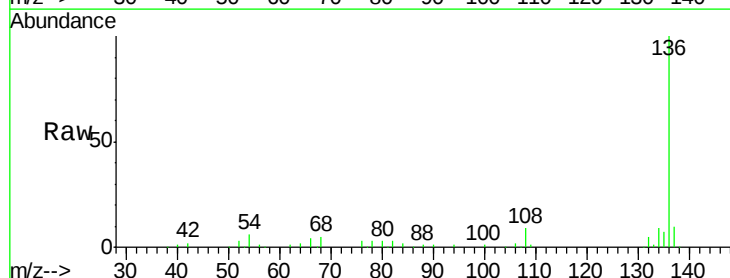
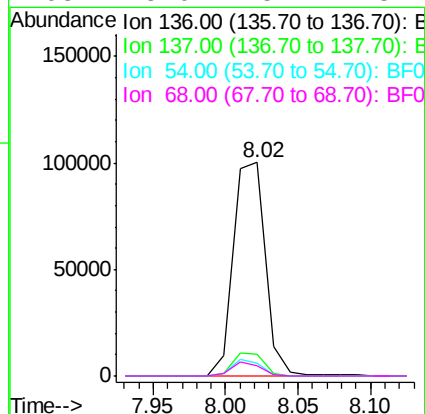
RT: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Tgt Ion:	136	Resp:	154264
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.0	13.4
54	6.1	7.0	10.6#
68	5.0	5.4	8.2#





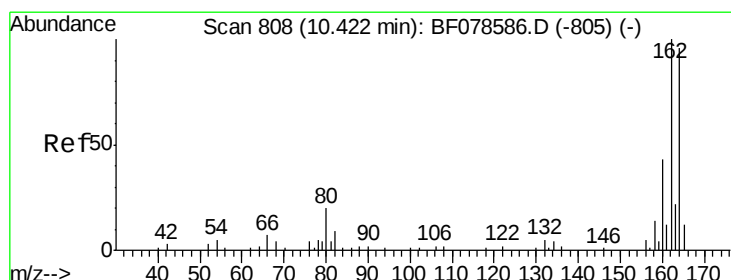
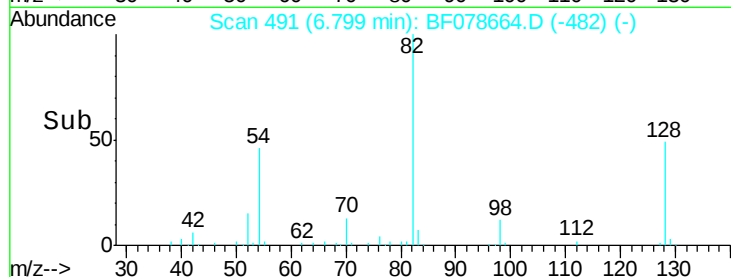
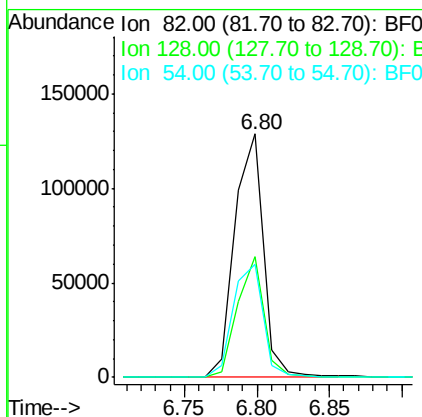
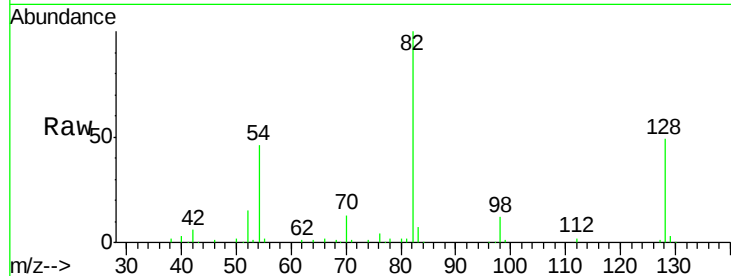
#23
Nitrobenzene-d5
Concen: 69.73 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Instrument :
BNA_F
ClientSampleId :
LS-SB12B

Tot Ion	Ratio	Resp	Lower	Upper
82	100	177461		
128	49.5	31.8	47.8	#
54	46.3	41.5	62.3	

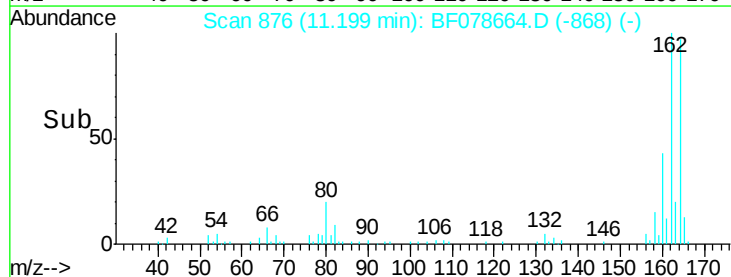
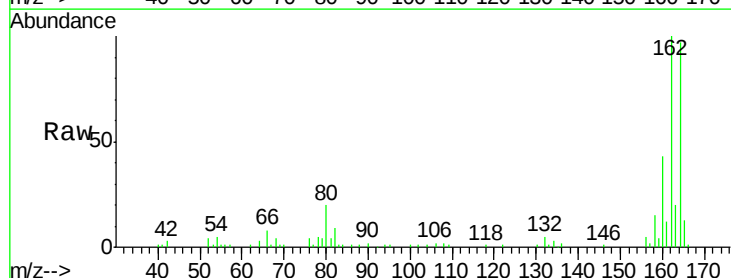
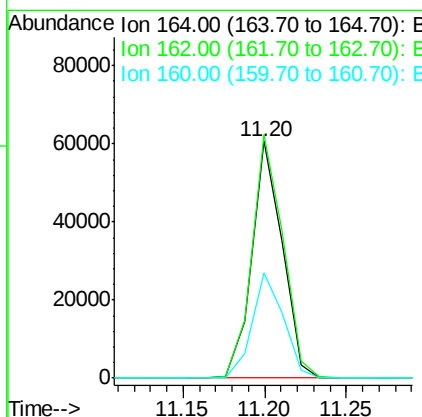
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78382		
162	102.8	82.2	123.2	
160	44.3	34.7	52.1	





#41

2,4,6-Tribromophenol

Concen: 94.48 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

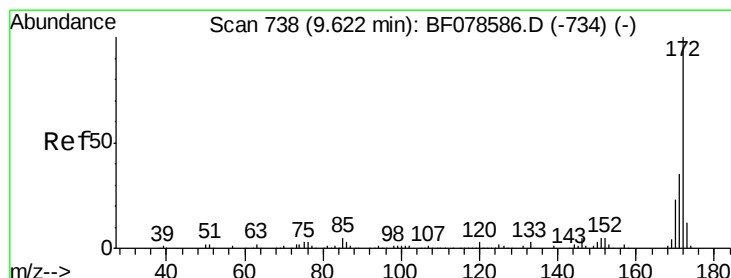
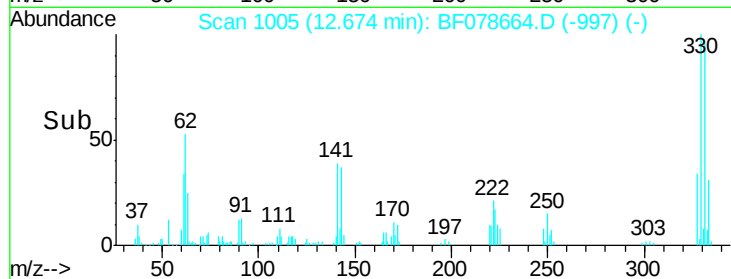
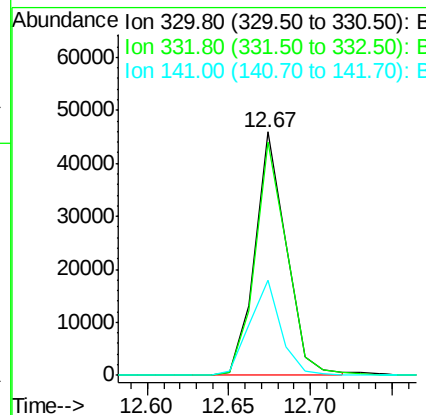
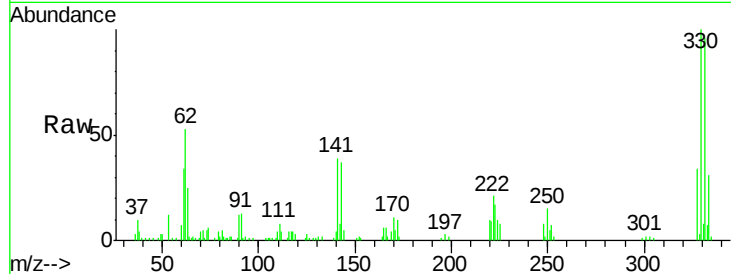
ClientSampleId :

LS-SB12B

Tot Ion:	330	Resp:	61417
Ion Ratio	Lower	Upper	
330	100		
332	97.4	78.6	117.8
141	39.3	31.2	46.8

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#44

2-Fluorobiphenyl

Concen: 58.97 ng

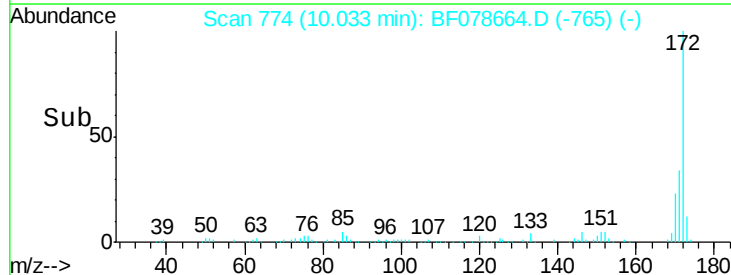
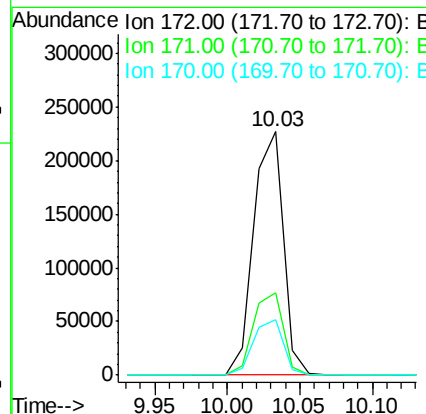
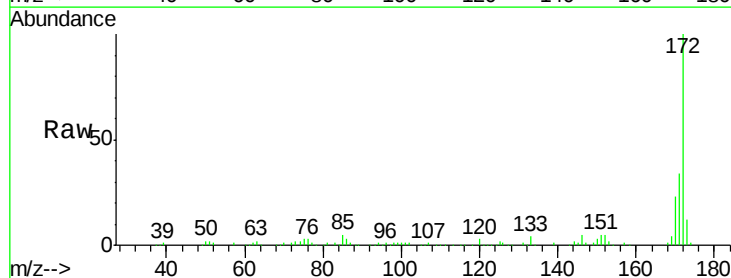
RT: 10.03 min Scan# 774

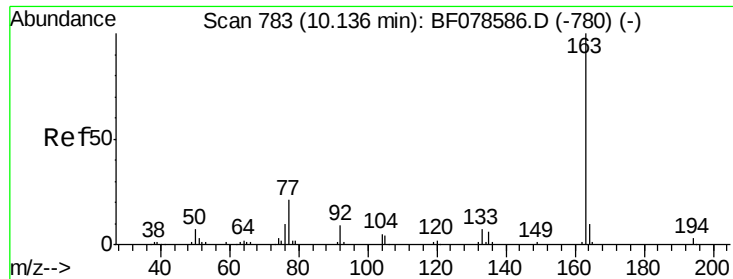
Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Tgt Ion:	172	Resp:	323357
Ion Ratio	Lower	Upper	
172	100		
171	33.9	28.6	42.8
170	22.8	18.5	27.7





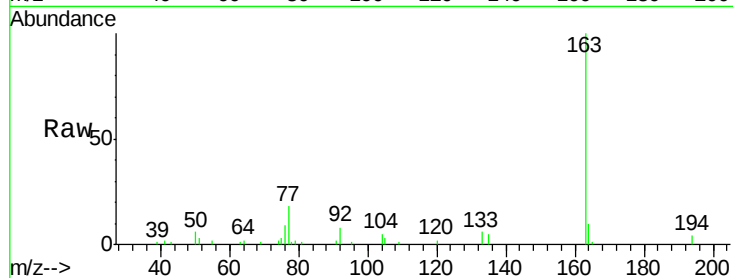
#49
Dimethylphthalate
Concen: 6.37 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Instrument :
BNA_F
ClientSampleId :
LS-SB12B

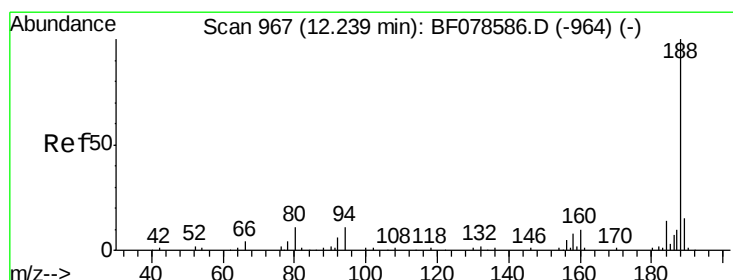
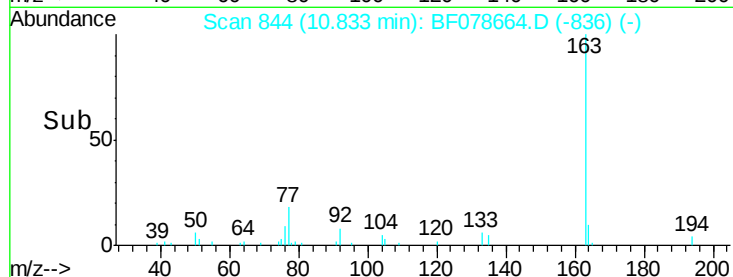
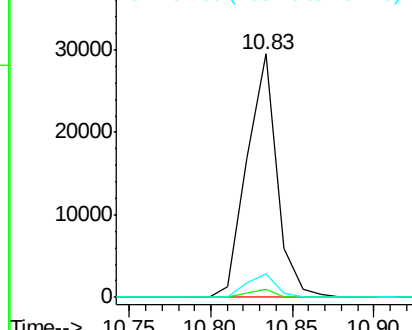
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.3	3.5#
164	9.7	8.6	13.0

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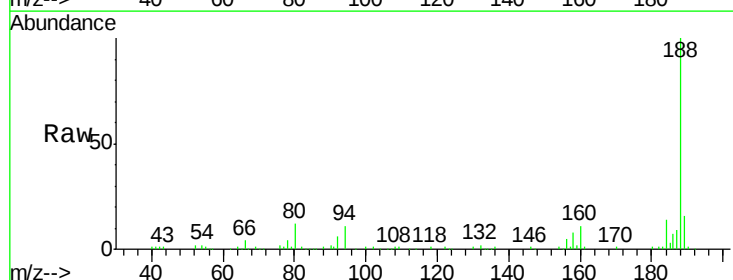


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

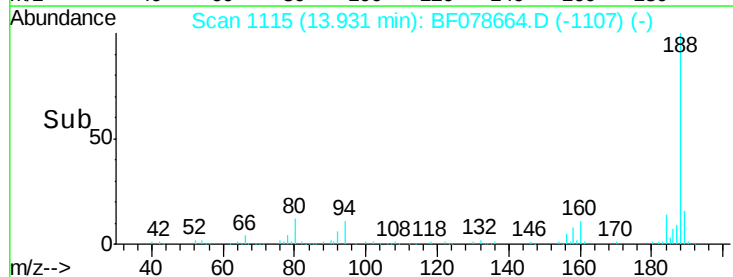
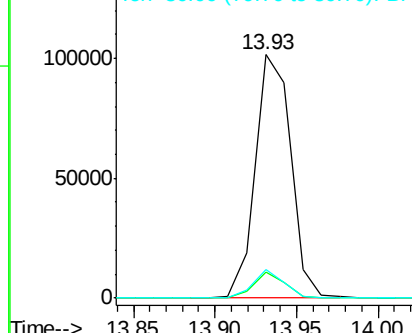


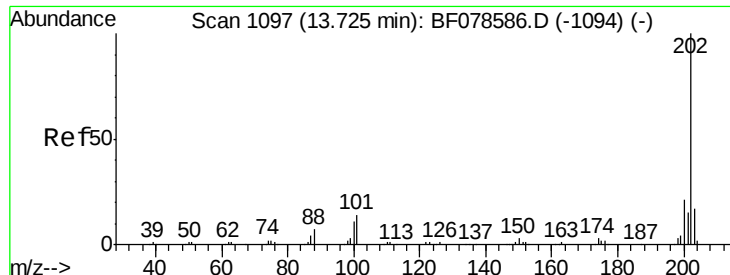
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.93 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.8	9.5	14.3



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





#74

Fluoranthene

Concen: 5.73 ng

RT: 15.86 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

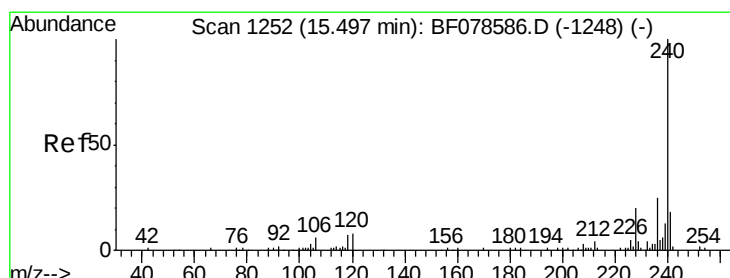
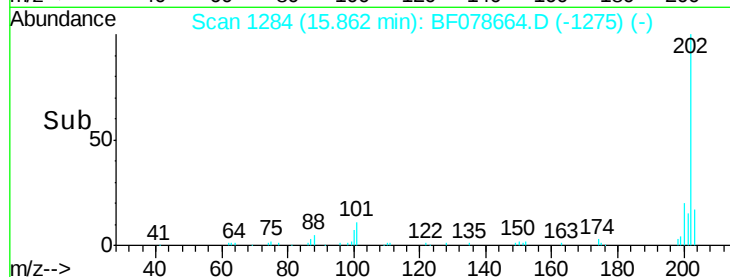
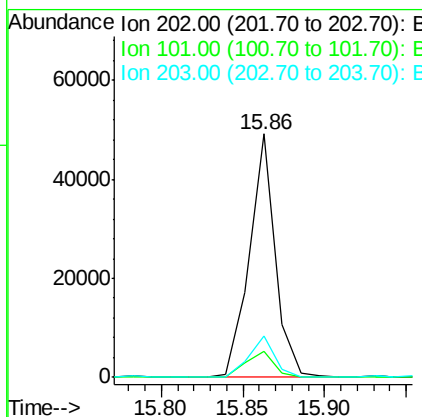
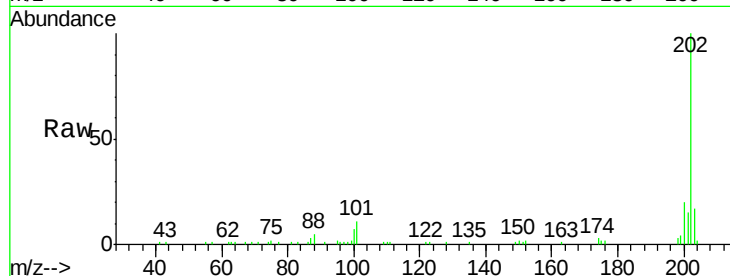
ClientSampleId :

LS-SB12B

Tot Ion:	202	Resp:	53816
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	35.2
203	17.1	0.0	38.5

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#75

Chrysene-d12

Concen: 20.00 ng

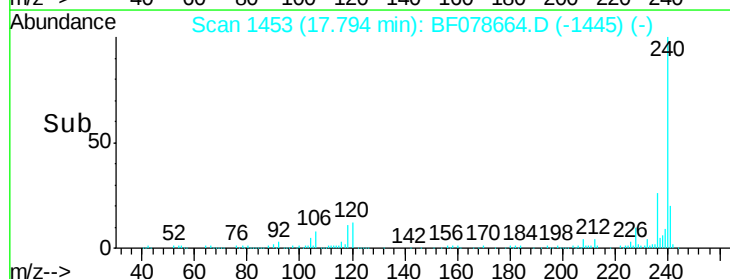
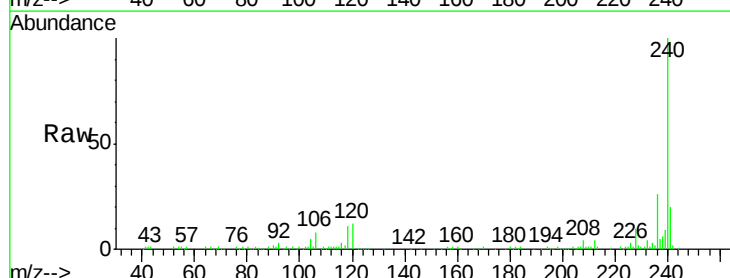
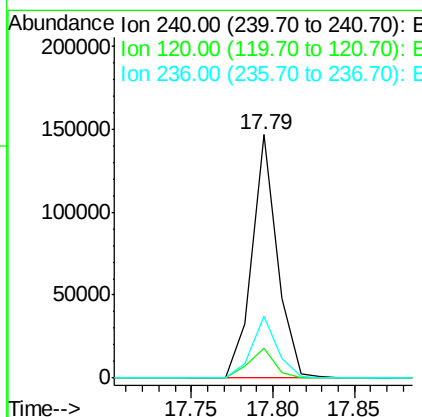
RT: 17.79 min Scan# 1453

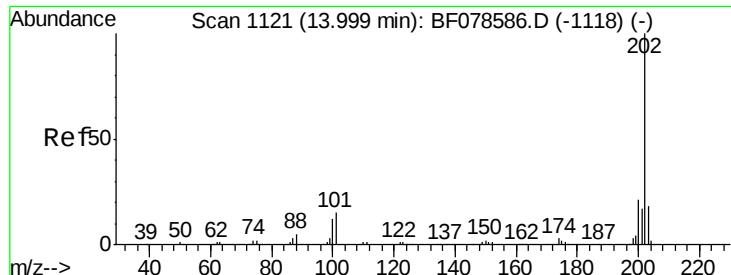
Delta R.T. -0.01 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Tgt Ion:	240	Resp:	159019
Ion Ratio	Lower	Upper	
240	100		
120	12.2	7.1	10.7#
236	25.6	21.4	32.2





#77

Pvrene

Concen: 6.42 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

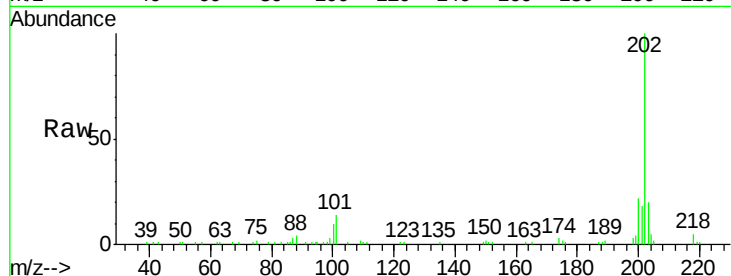
ClientSampleId :

LS-SB12B

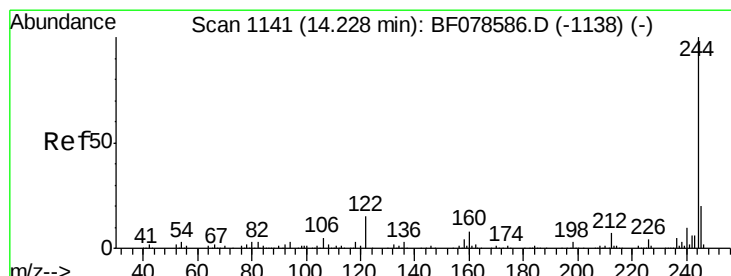
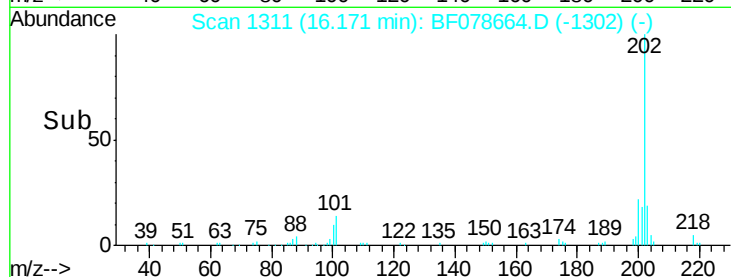
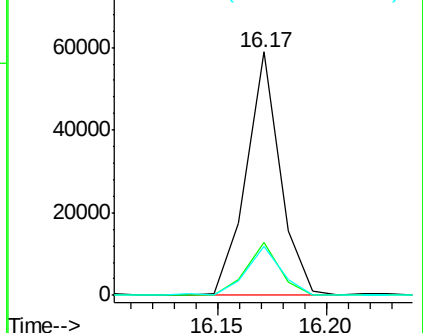
Tot Ion:	202	Resp:	64042
Ion Ratio	Lower	Upper	
202	100		
200	21.9	16.3	24.5
203	20.0	13.8	20.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 35.97 ng

RT: 16.46 min Scan# 1336

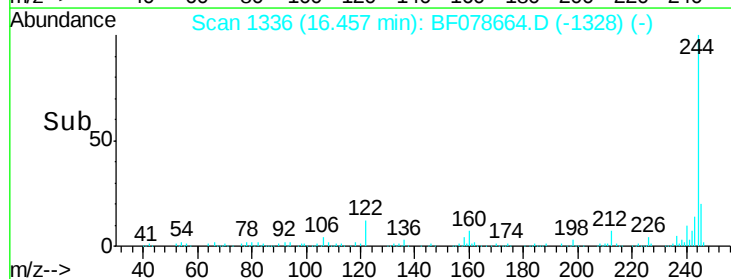
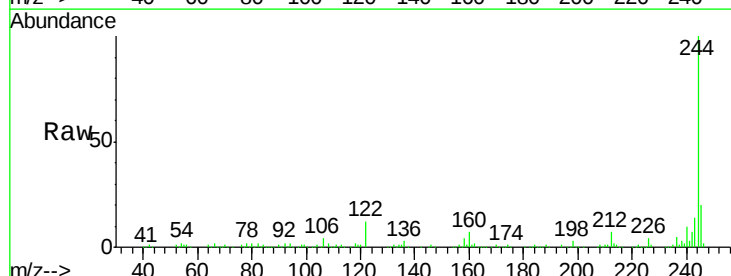
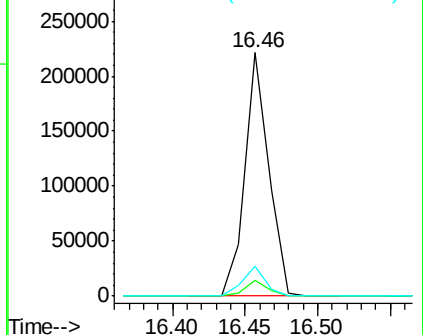
Delta R.T. -0.01 min

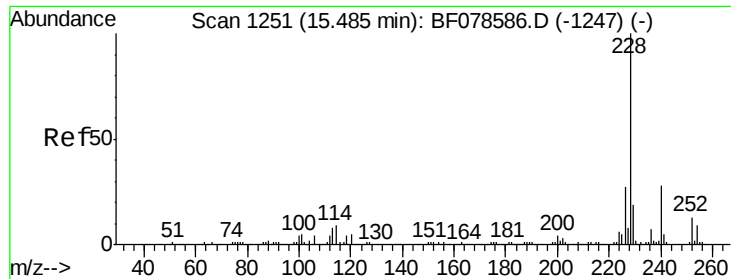
Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Tgt Ion:	244	Resp:	253097
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.0	7.4
122	12.4	7.1	10.7#

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





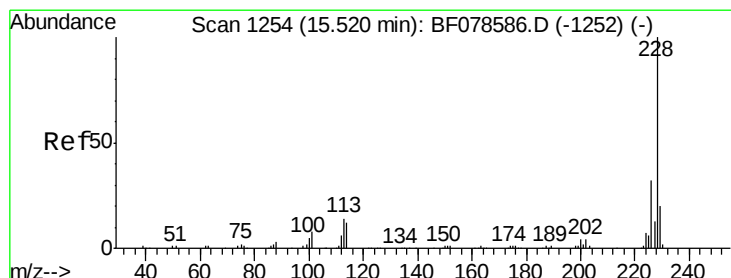
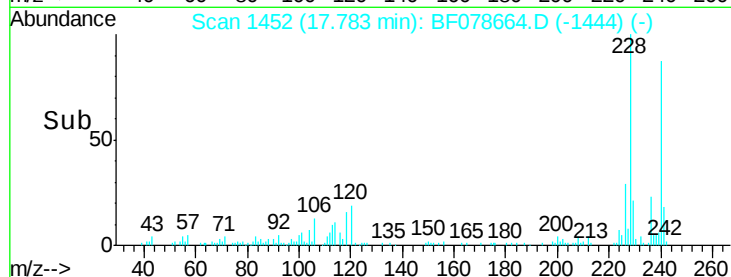
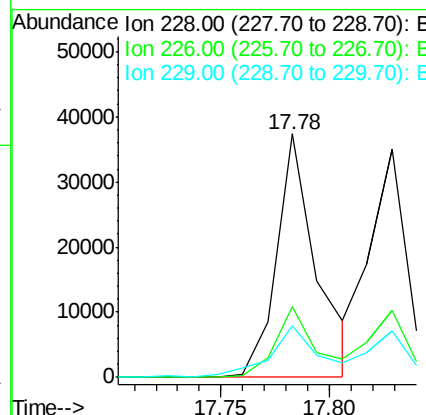
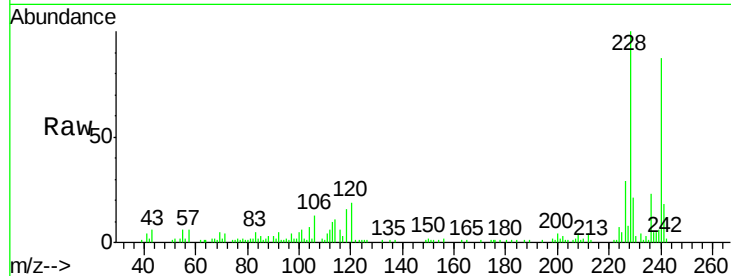
#80
Benzo(a)anthracene
Concen: 5.06 ng
RT: 17.78 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Instrument :
BNA_F
ClientSampleId :
LS-SB12B

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.3	31.9
229	21.3	15.4	23.2

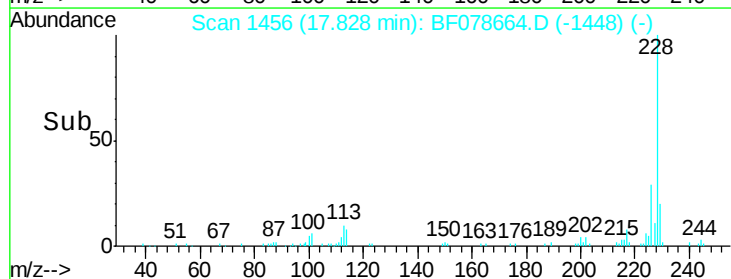
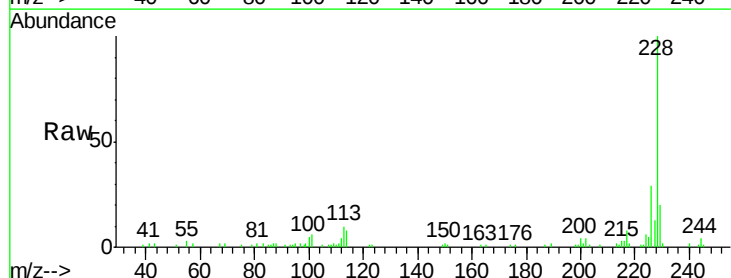
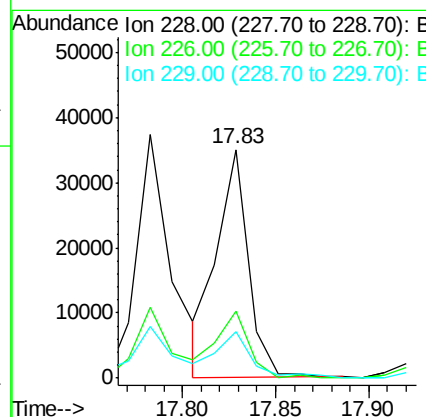
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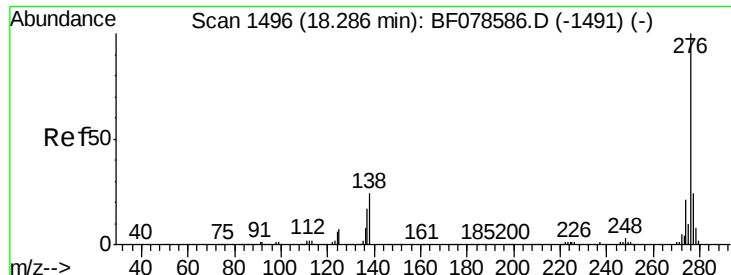
apatel
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#82
Chrysene
Concen: 4.62 ng
RT: 17.83 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	20.3	15.8	23.8





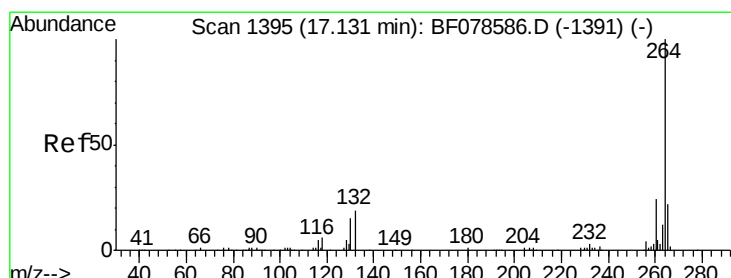
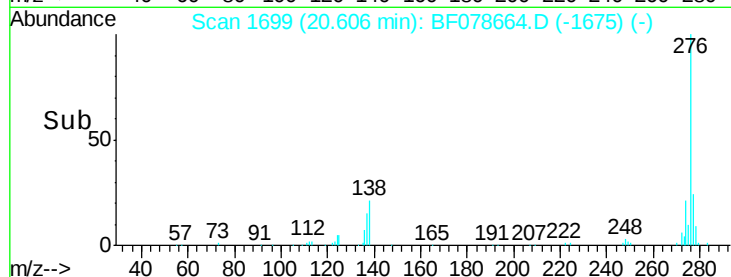
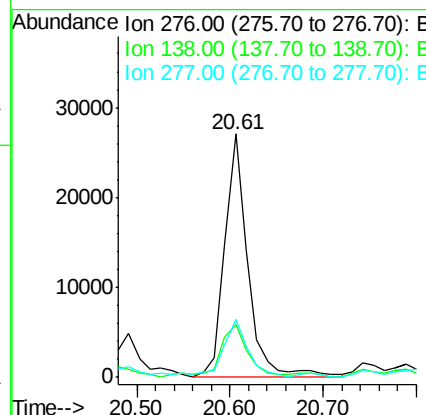
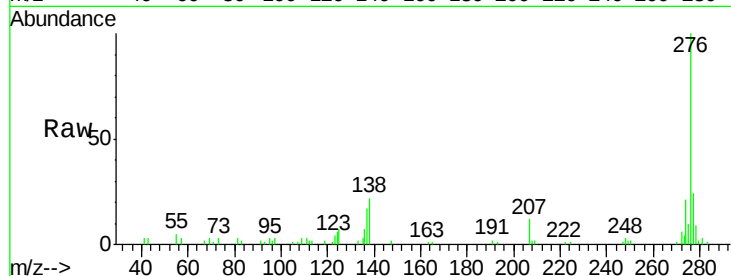
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 4.67 ng
 RT: 20.61 min Scan# 1699
 Delta R.T. -0.02 min
 Lab File: BF078664.D
 Acq: 21 Apr 2015 3:19

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB12B

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.9	25.3#
277	25.2	15.8	23.6#

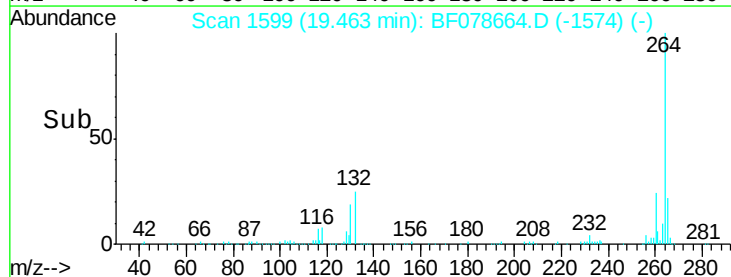
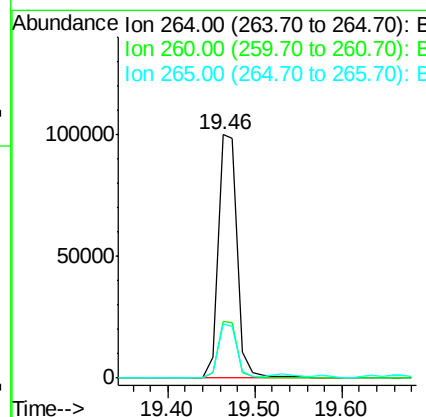
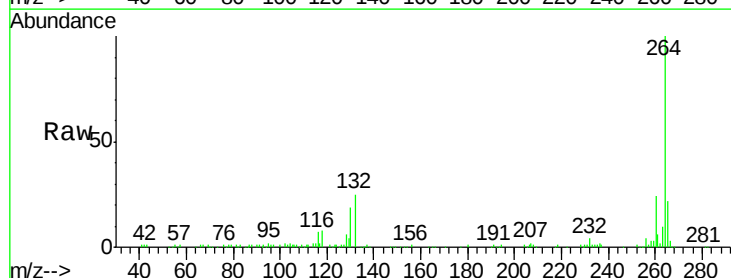
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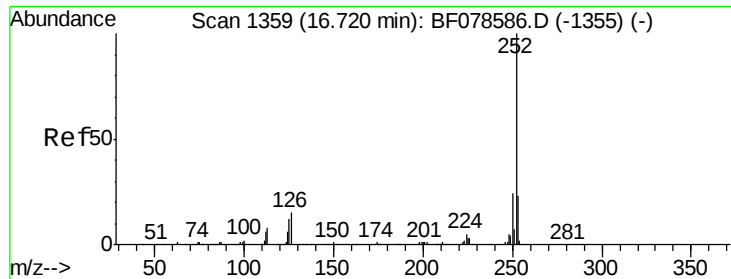
apatel
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.46 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF078664.D
 Acq: 21 Apr 2015 3:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.0	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 7.98 ng m

RT: 19.06 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Instrument :

BNA_F

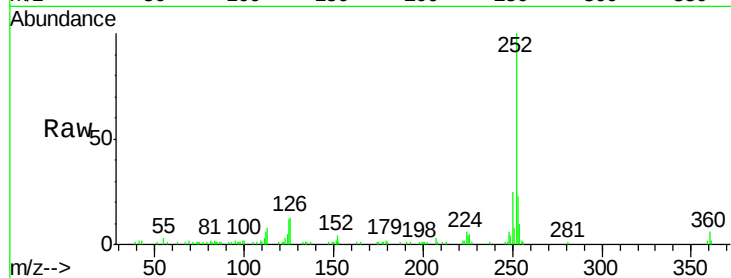
ClientSampleId :

LS-SB12B

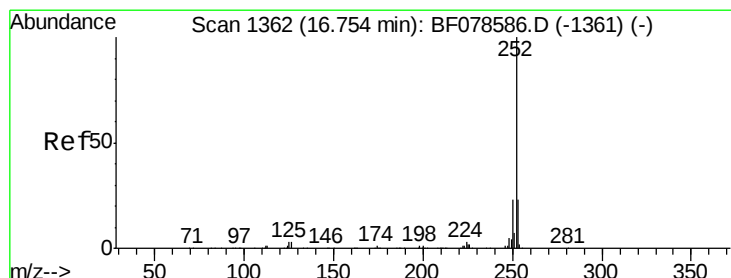
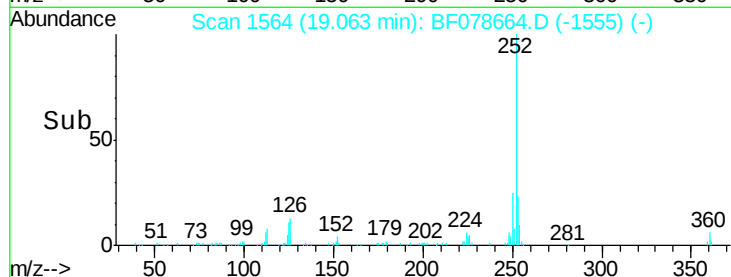
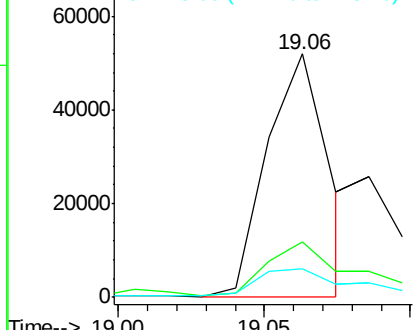
Tot Ion:	252	Resp:	75956
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	11.8	7.0	10.4

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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



#88

Benzo(k)fluoranthene

Concen: 3.39 ng m

RT: 19.09 min Scan# 1566

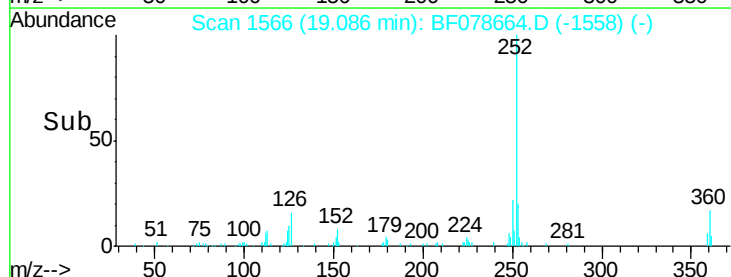
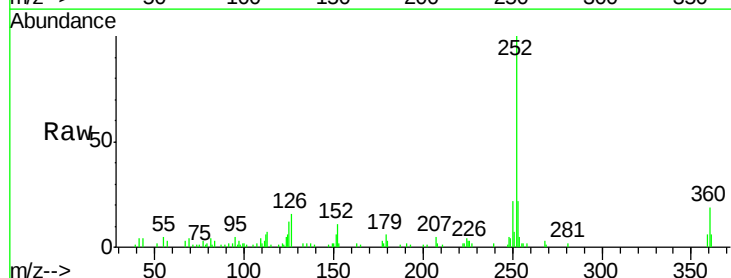
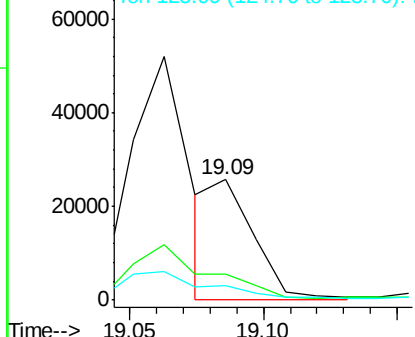
Delta R.T. -0.01 min

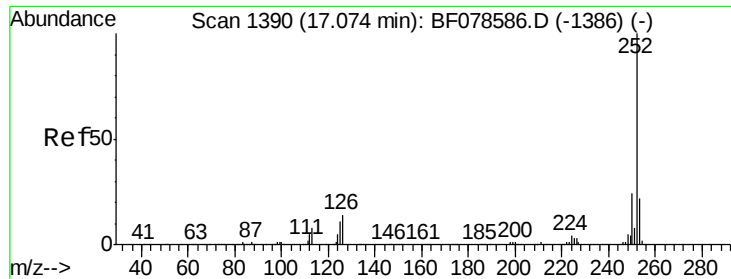
Lab File: BF078664.D

Acq: 21 Apr 2015 3:19

Tgt Ion:	252	Resp:	28638
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	11.8	11.6	17.4

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





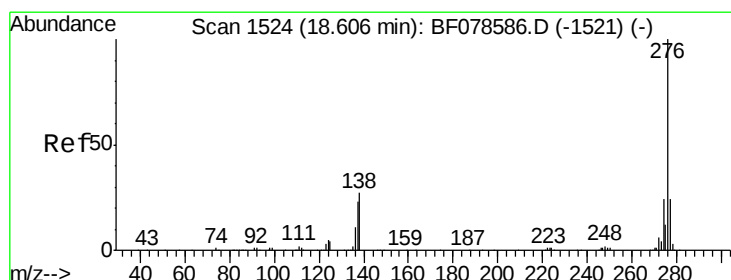
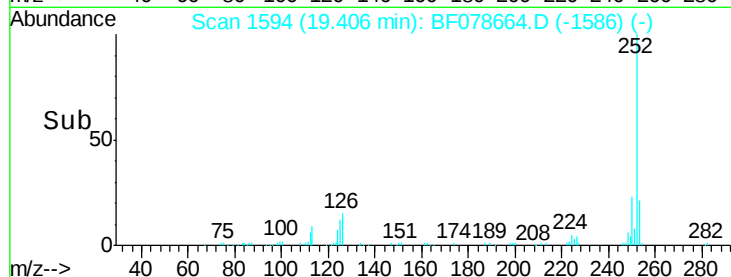
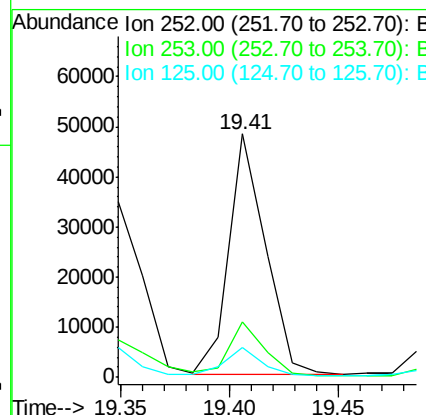
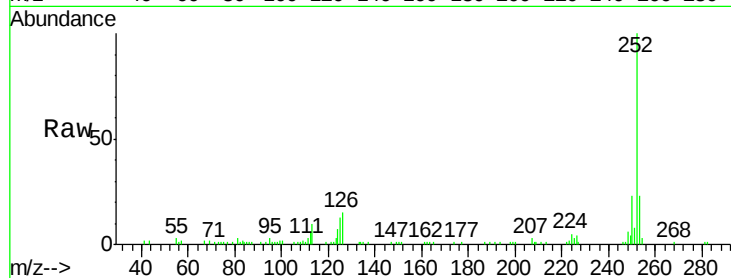
#89
Benzo(a)pyrene
Concen: 6.74 ng
RT: 19.41 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Instrument :
BNA_F
ClientSampleId :
LS-SB12B

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.8	25.2
125	12.5	7.4	11.0

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#91
Benzo(g,h,i)perylene
Concen: 5.18 ng
RT: 20.93 min Scan# 1727
Delta R.T. -0.02 min
Lab File: BF078664.D
Acq: 21 Apr 2015 3:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.0	28.4
138	23.5	19.9	29.9

