

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
 Data File : BF080873.D
 Acq On : 5 Aug 2015 10:08
 Operator : TP/UM
 Sample : G3119-01RE
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)RE

Manual Integrations
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 8/5/2015 7:01:42 PM

Quant Time: Aug 05 15:36:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	68197	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	225462	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	89880	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	148757	20.00	ng	0.00
75) Chrysene-d12	13.96	240	142536	20.00	ng	0.00
86) Perylene-d12	15.38	264	182644	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	572018	126.95	ng	0.01
7) Phenol-d6	6.46	99	779364	132.31	ng	0.01
23) Nitrobenzene-d5	7.39	82	483059	100.97	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	100032	115.41	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	595359	89.19	ng	0.00
78) Terphenyl-d14	12.92	244	369593	46.93	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.57	163	120689	18.41	ng	99
70) Phenanthrene	11.36	178	21920	2.55	ng	98
74) Fluoranthene	12.55	202	41862	5.00	ng	96
77) Pyrene	12.76	202	43017m	3.36	ng	
80) Benzo(a)anthracene	13.95	228	32865	3.45	ng	93
82) Chrysene	13.99	228	22082m	2.27	ng	
85) Indeno(1,2,3-cd)pyrene	16.73	276	20924	2.62	ng	# 80
87) Benzo(b)fluoranthene	14.97	252	52757m	3.86	ng	
89) Benzo(a)pyrene	15.31	252	37961	3.40	ng	# 93
91) Benzo(g,h,i)perylene	17.14	276	22998	2.46	ng	93

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

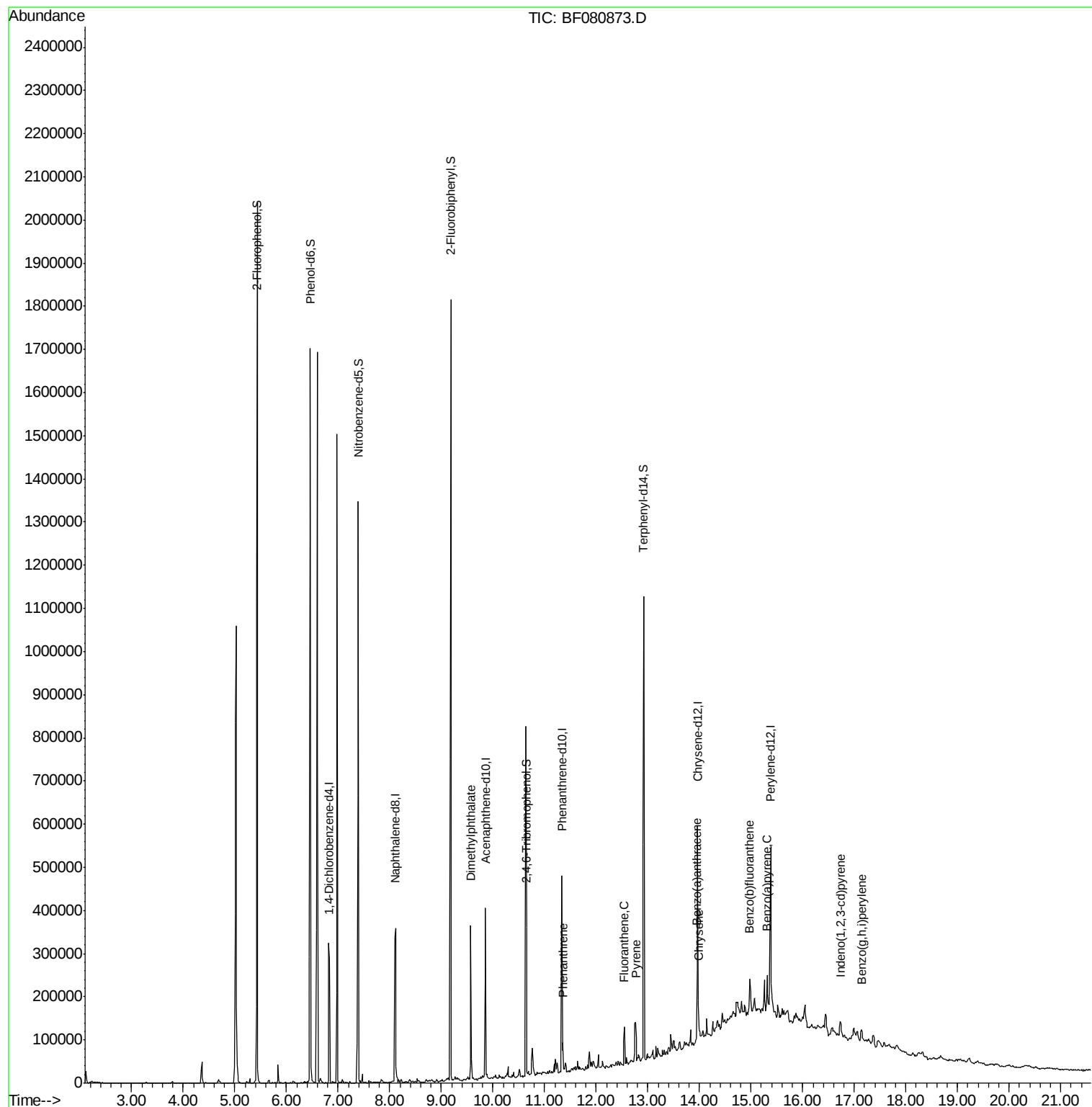
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080415\
Data File : BF080873.D
Acq On : 5 Aug 2015 10:08
Operator : TP/UM
Sample : G3119-01RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

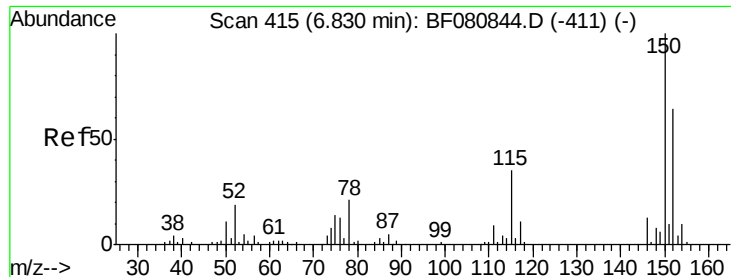
Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)RE

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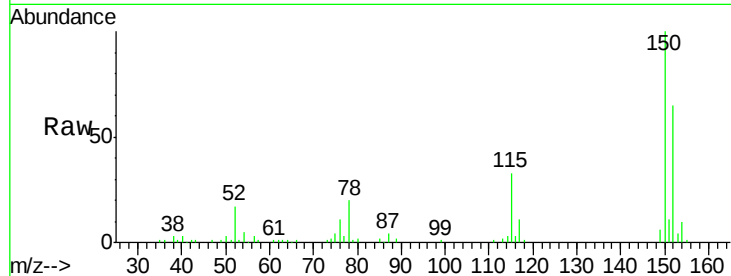




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08

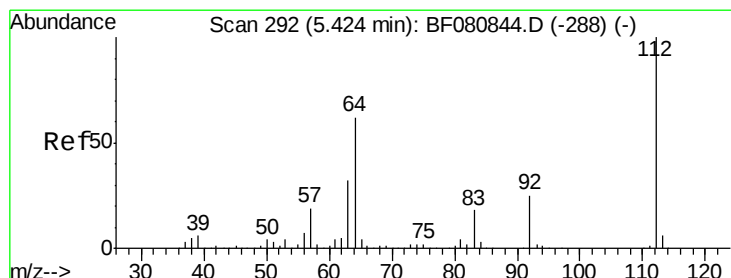
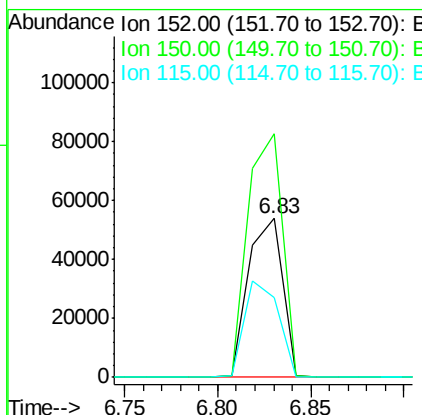
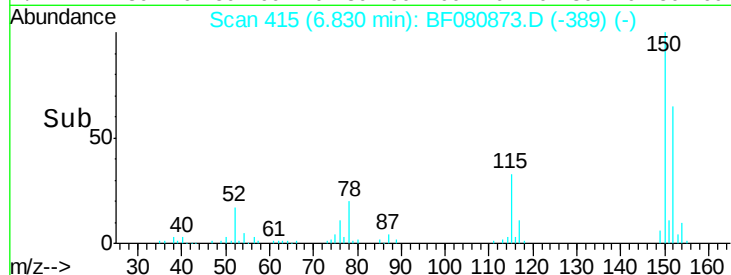
Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)RE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	187.0
115	50.6	44.2	66.4

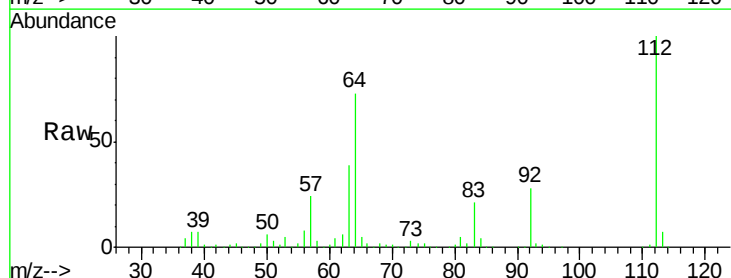
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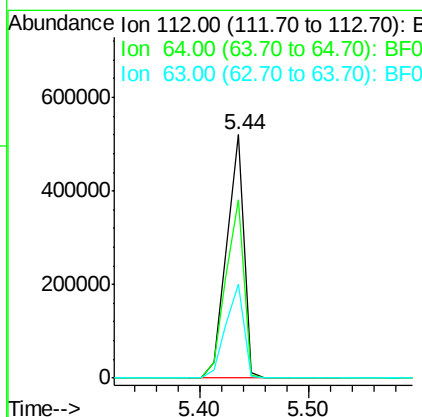
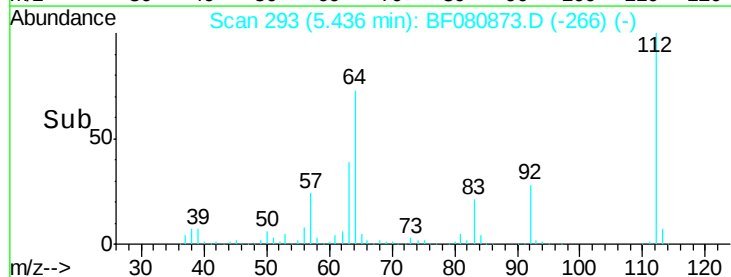


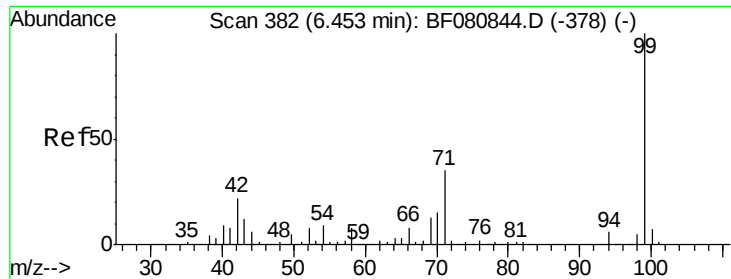
#5

2-Fluorophenol
Concen: 126.95 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08



Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	49.5	74.3
63	38.6	25.3	37.9#





#7

Phenol-d6

Concen: 132.31 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080873.D

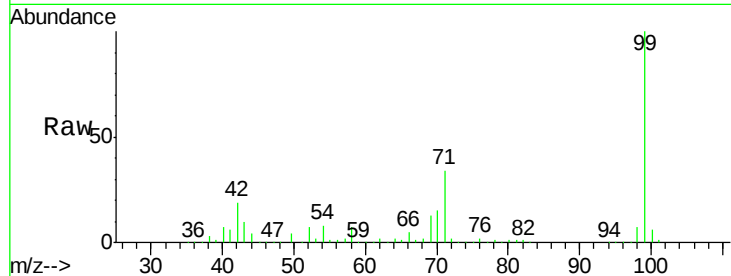
Acq: 5 Aug 2015 10:08

Instrument :

BNA_F

ClientSampleId :

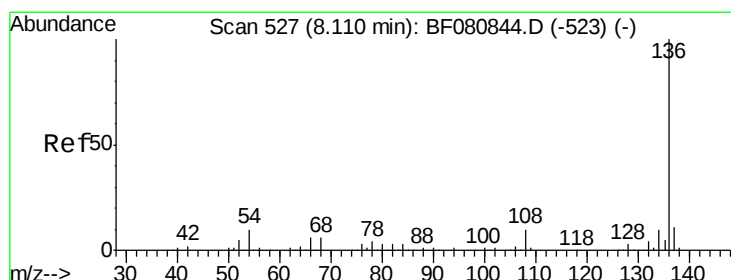
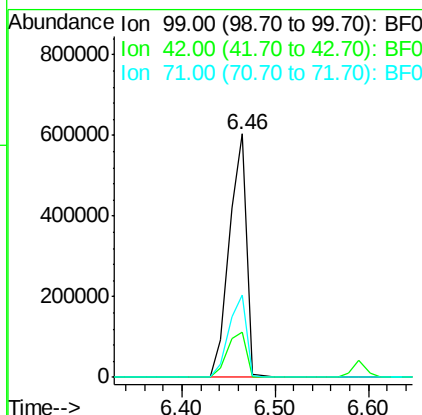
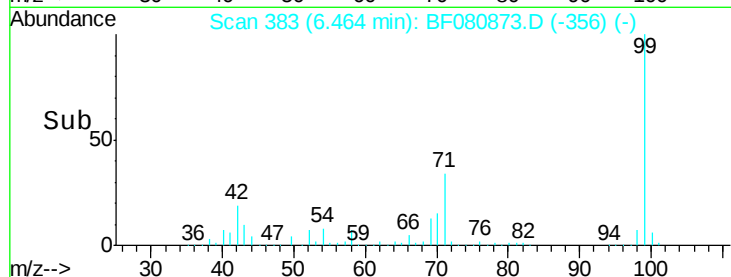
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Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.9	26.9
71	33.6	28.2	42.4

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#21

Naphthalene-d8

Concen: 20.00 ng

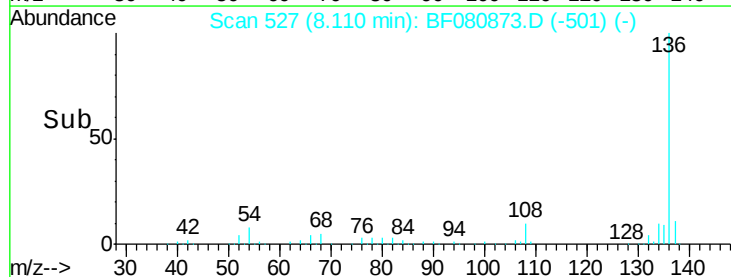
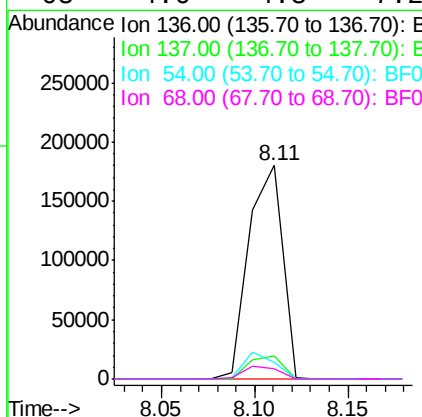
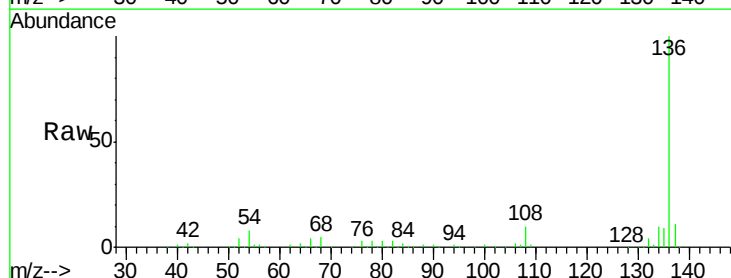
RT: 8.11 min Scan# 527

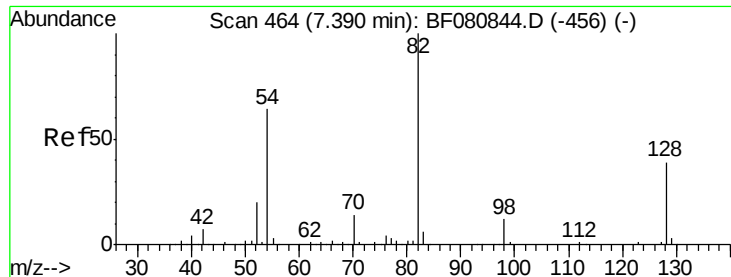
Delta R.T. 0.00 min

Lab File: BF080873.D

Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.8	8.3	12.5#
68	4.6	4.8	7.2#





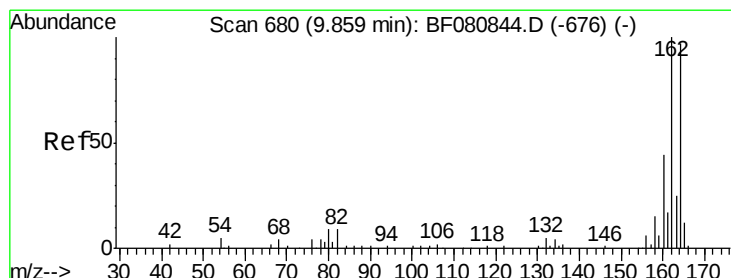
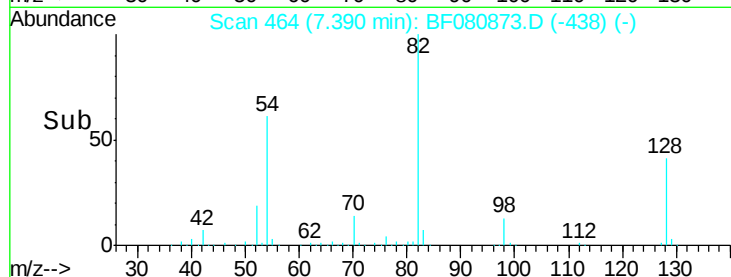
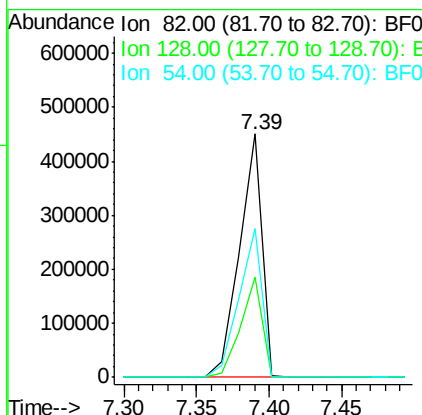
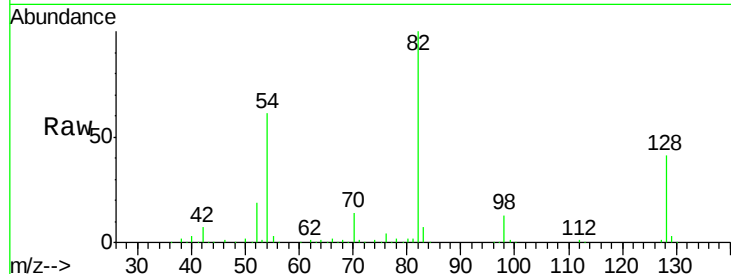
#23
 Nitrobenzene-d5
 Concen: 100.97 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080873.D
 Acq: 5 Aug 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)RE

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	483059		
128	41.2	31.0	46.4	
54	61.0	51.0	76.6	

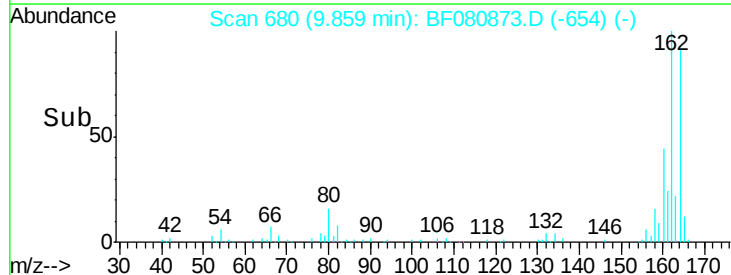
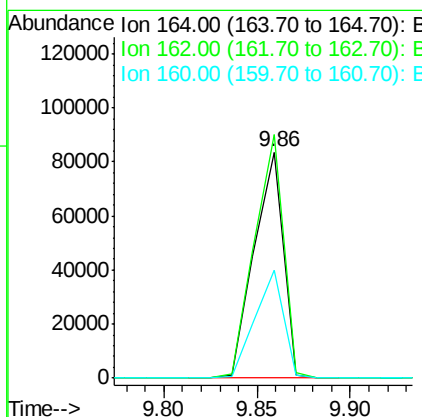
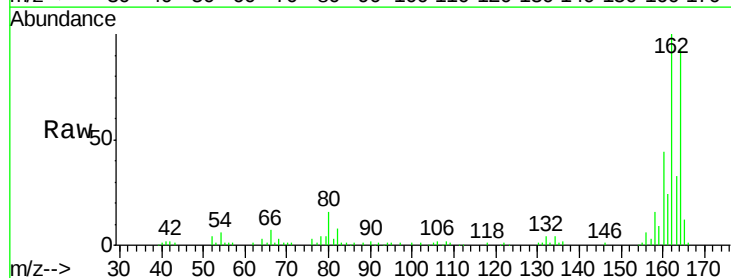
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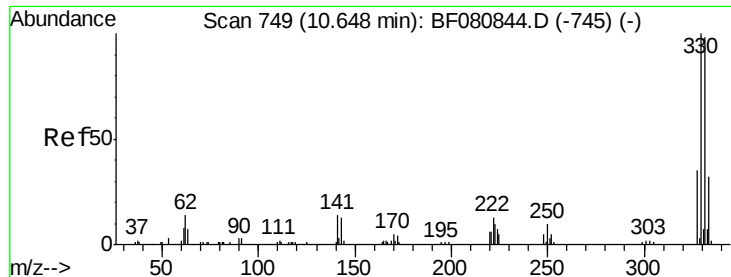
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF080873.D
 Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89880		
162	107.6	82.9	124.3	
160	47.5	36.6	54.8	





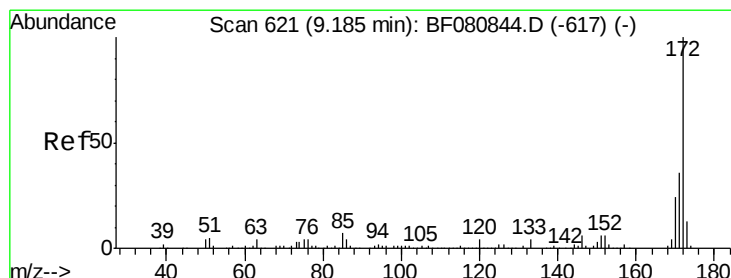
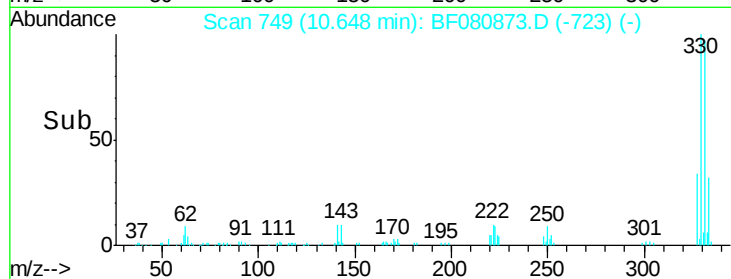
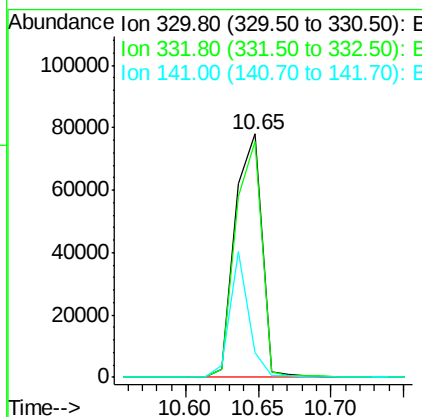
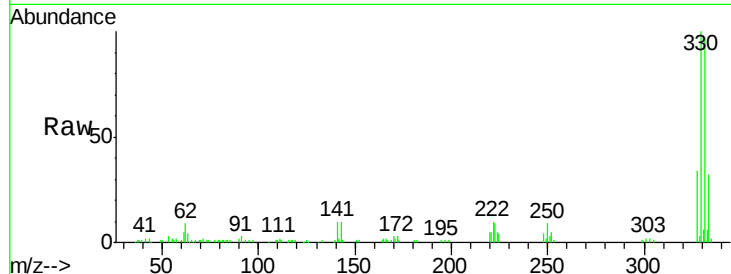
#41
 2,4,6-Tribromophenol
 Concen: 115.41 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080873.D
 Acq: 5 Aug 2015 10:08

Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)RE

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	100032		
332	95.2	77.8	116.8	
141	36.7	28.4	42.6	

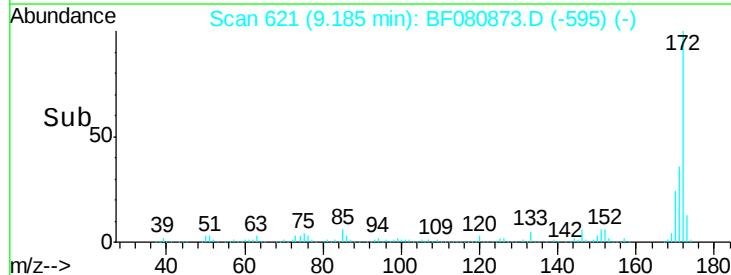
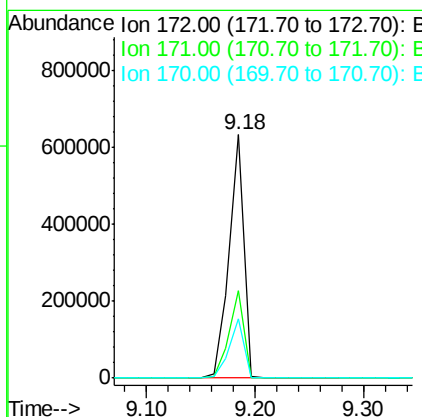
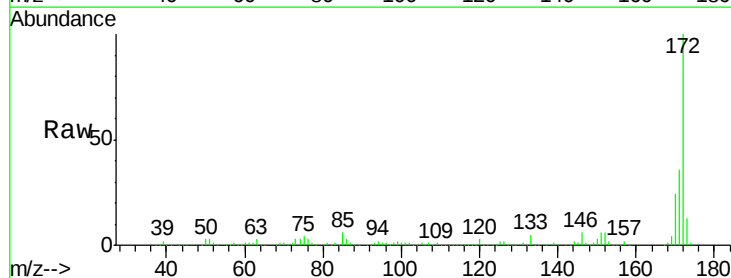
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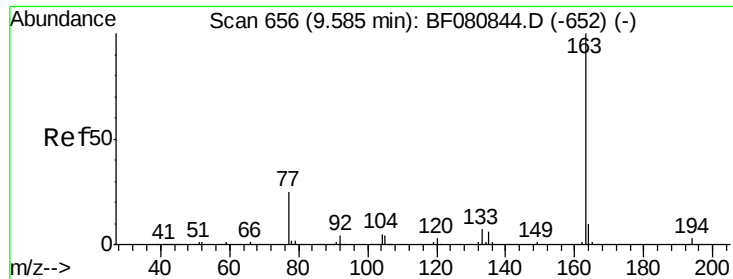
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#44
 2-Fluorobiphenyl
 Concen: 89.19 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF080873.D
 Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	595359		
171	35.9	28.9	43.3	
170	24.4	19.4	29.2	





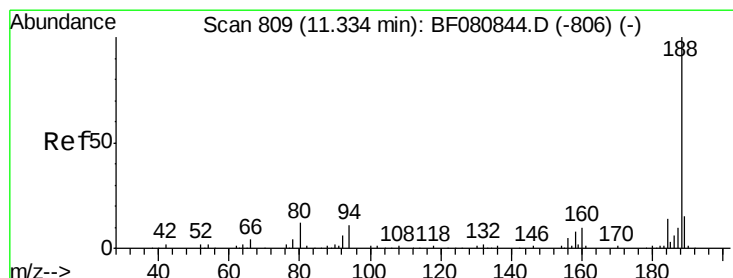
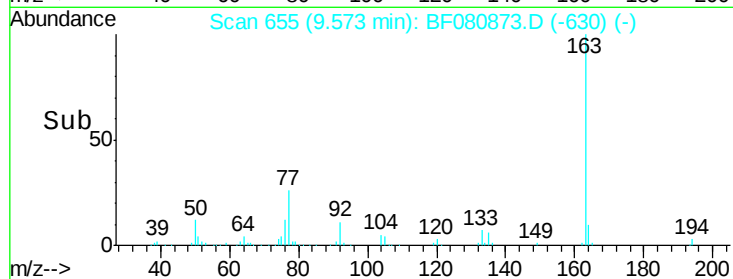
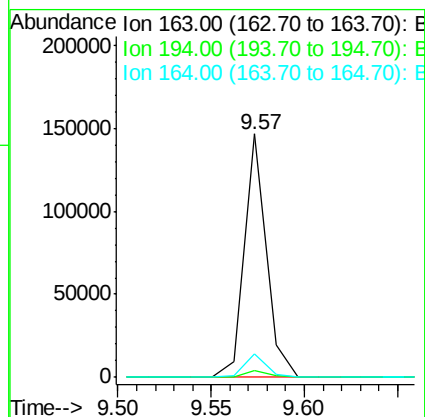
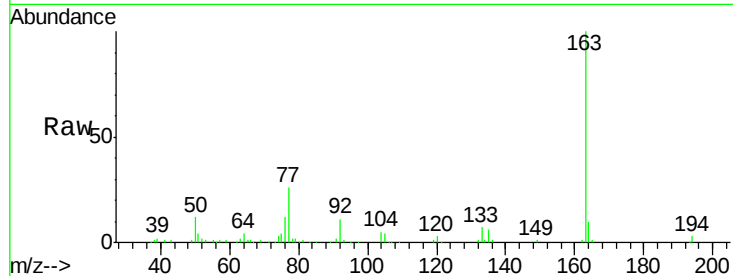
#49
Dimethylphthalate
Concen: 18.41 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08

Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)RE

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	9.7	8.2	12.4

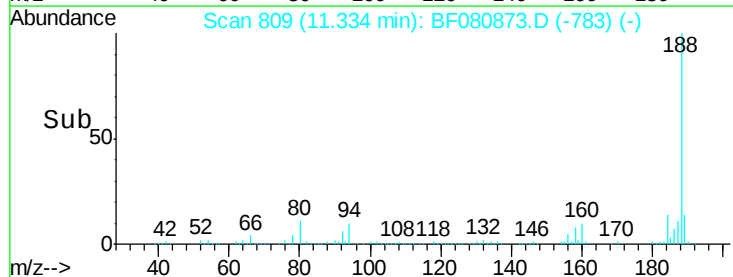
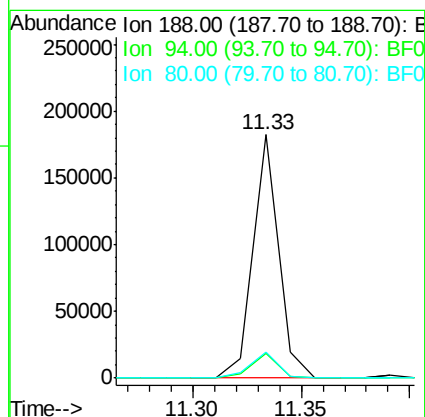
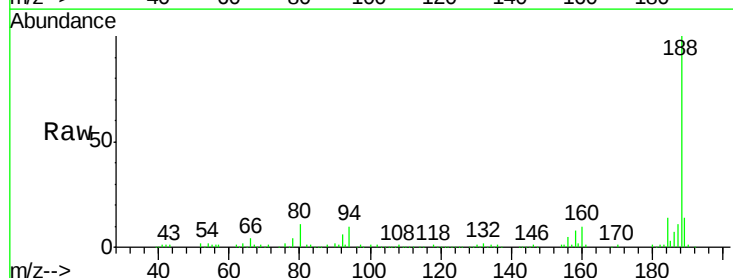
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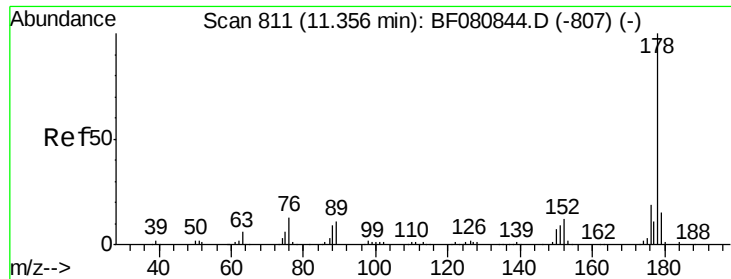
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.6	12.8
80	10.7	9.3	13.9





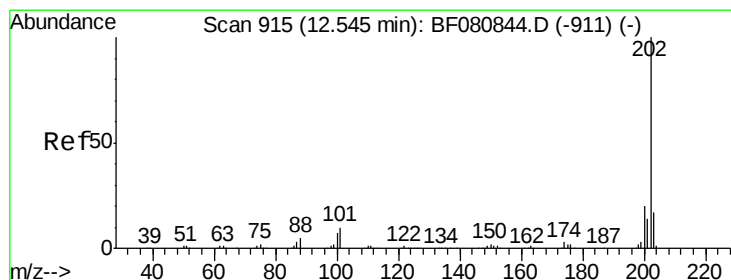
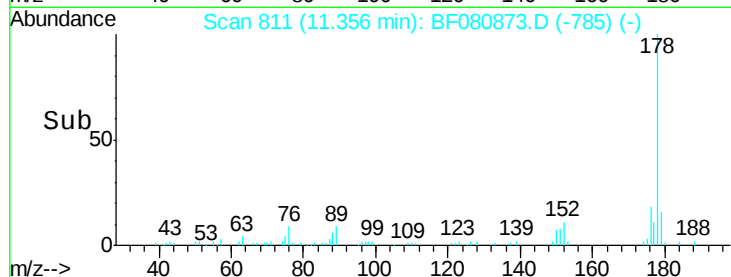
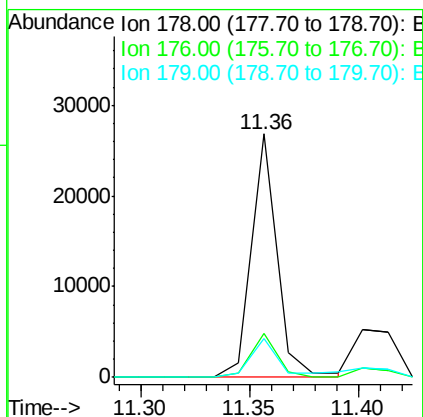
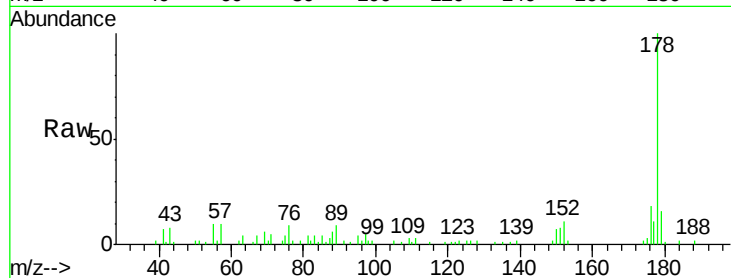
#70
Phenanthrene
Concen: 2.55 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08

Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)RE

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	15.8	12.3	18.5

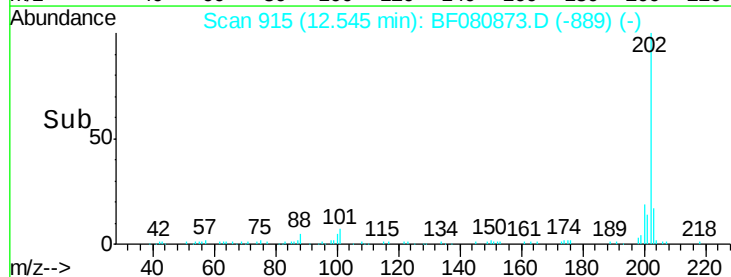
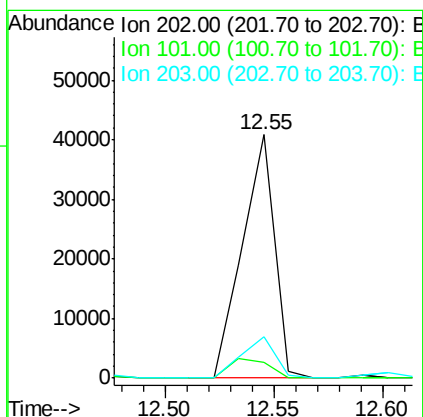
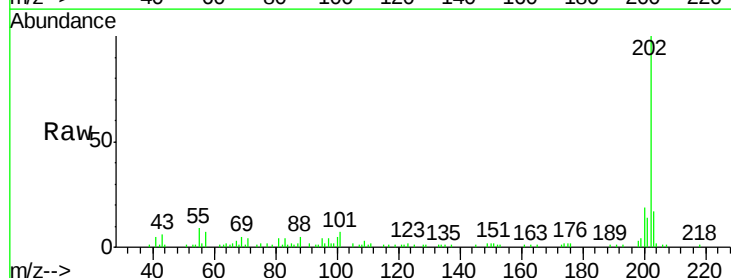
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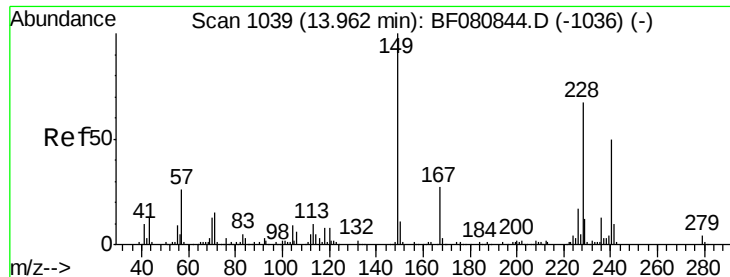
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#74
Fluoranthene
Concen: 5.00 ng
RT: 12.55 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	29.9
203	17.1	0.0	37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080873.D

Acq: 5 Aug 2015 10:08

Instrument :

BNA_F

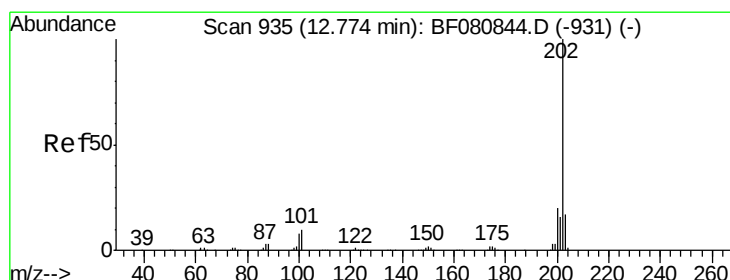
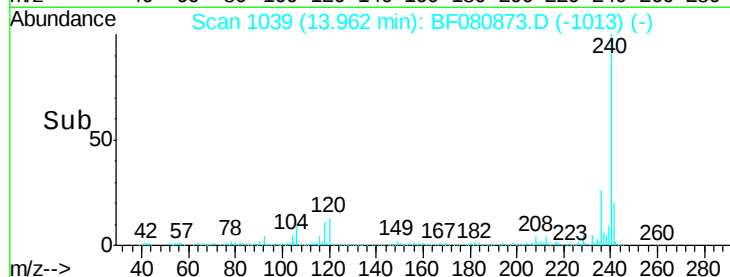
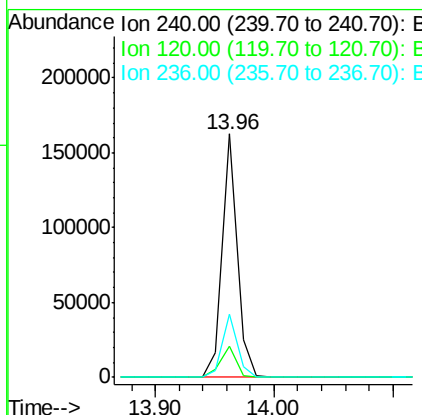
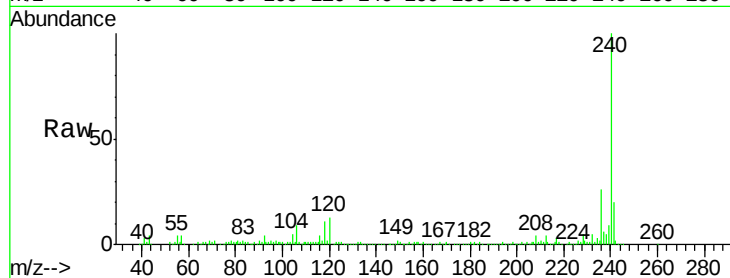
ClientSampleId :

BB-026CS-1(0-16FTBGS)RE

Tgt Ion:	240	Resp:	142536
Ion Ratio		Lower	Upper
240	100		
120	12.9	13.0	19.6#
236	26.1	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.36 ng m

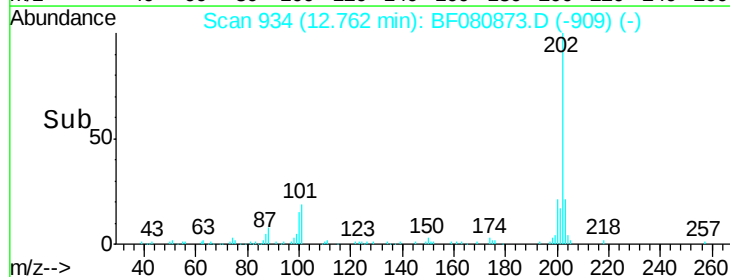
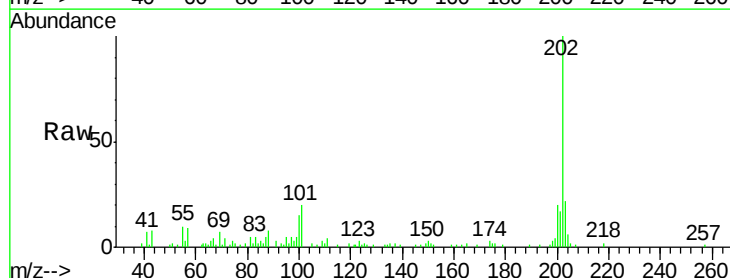
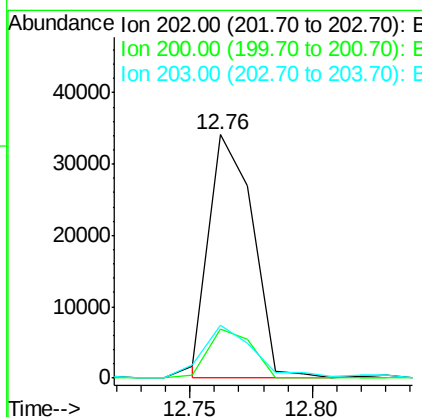
RT: 12.76 min Scan# 934

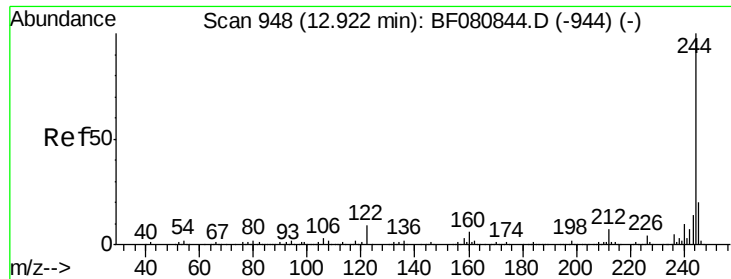
Delta R.T. -0.01 min

Lab File: BF080873.D

Acq: 5 Aug 2015 10:08

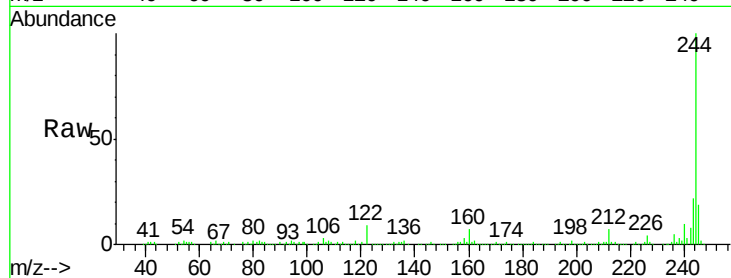
Tgt Ion:	202	Resp:	43017
Ion Ratio		Lower	Upper
202	100		
200	20.4	16.1	24.1
203	21.8	13.6	20.4#





#78
 Terphenyl-d14
 Concen: 46.93 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080873.D
 Acq: 5 Aug 2015 10:08

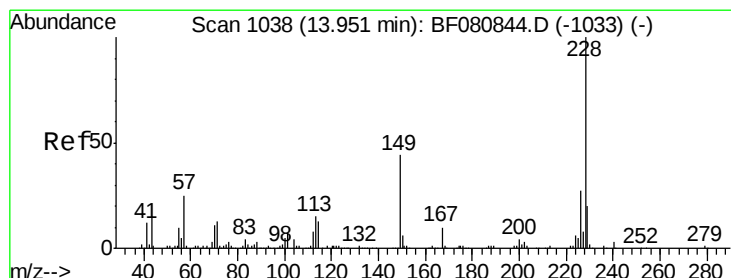
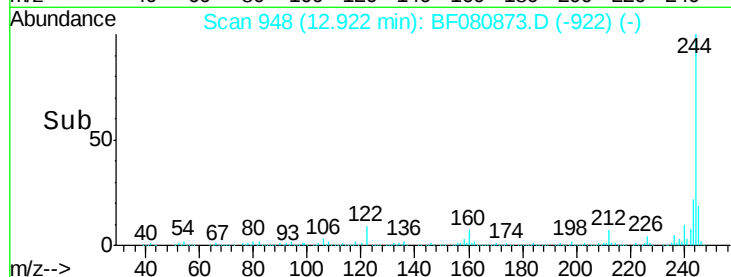
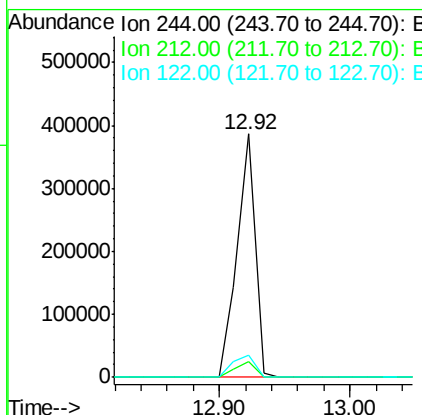
Instrument :
 BNA_F
 ClientSampleId :
 BB-026CS-1(0-16FTBGS)RE



Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	5.5	8.3
122	8.9	7.1	10.7

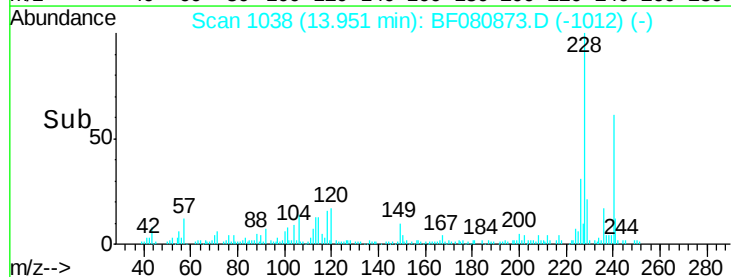
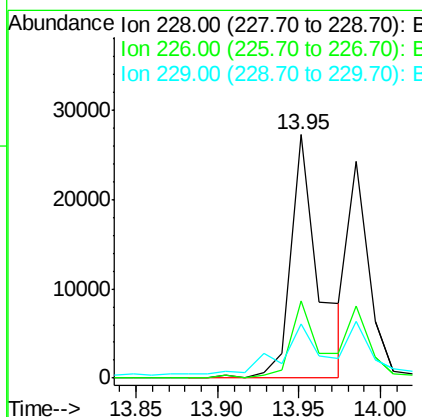
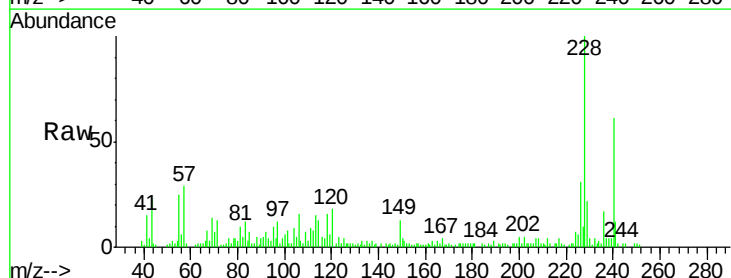
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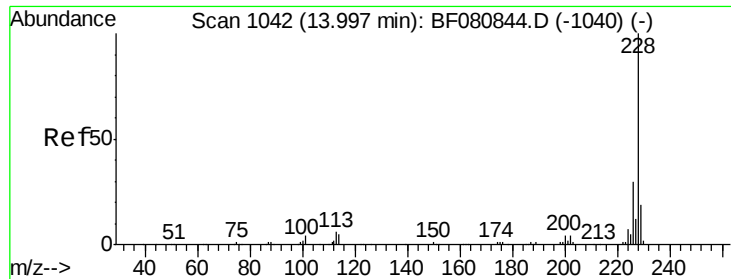
MMDadoda
 8/5/2015 7:01:42 PM



#80
 Benzo(a)anthracene
 Concen: 3.45 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF080873.D
 Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	21.5	32.3
229	22.3	16.2	24.2





#82

Chrysene

Concen: 2.27 ng m

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080873.D

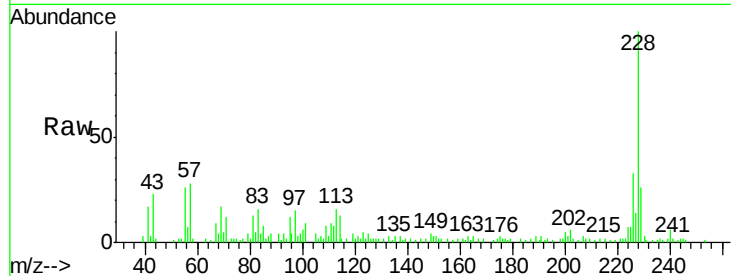
Acq: 5 Aug 2015 10:08

Instrument :

BNA_F

ClientSampleId :

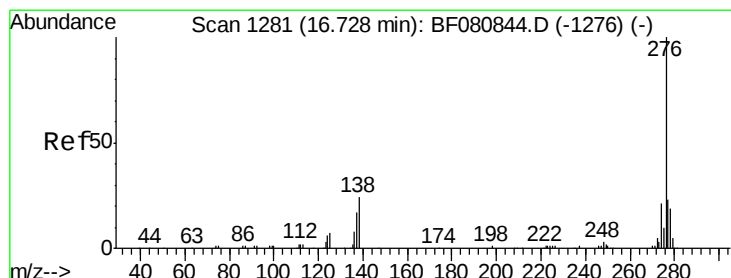
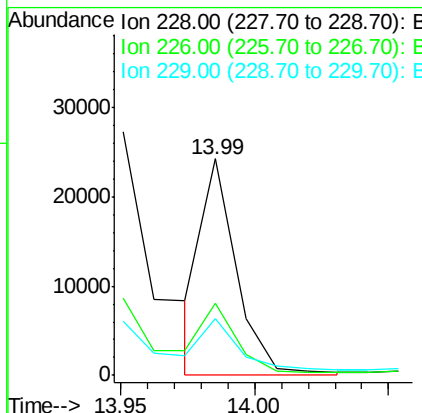
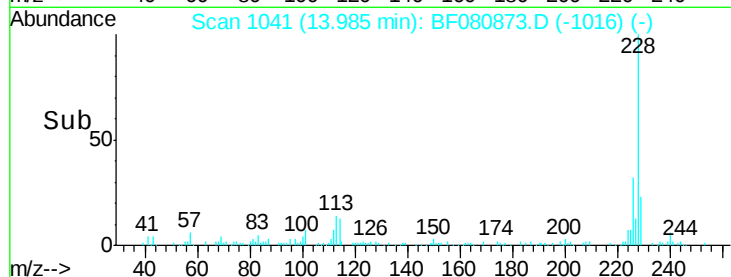
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Tgt Ion:	228	Resp:	22082
Ion Ratio	Lower	Upper	
228	100		
226	33.2	23.6	35.4
229	26.0	15.1	22.7#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.62 ng

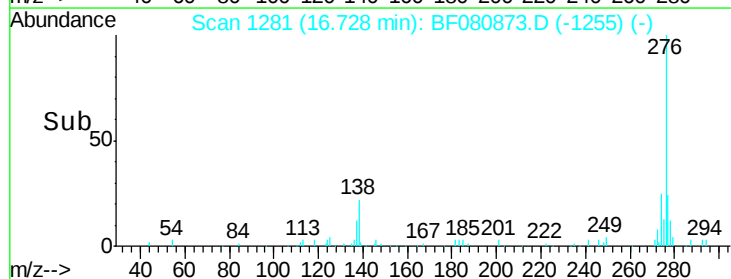
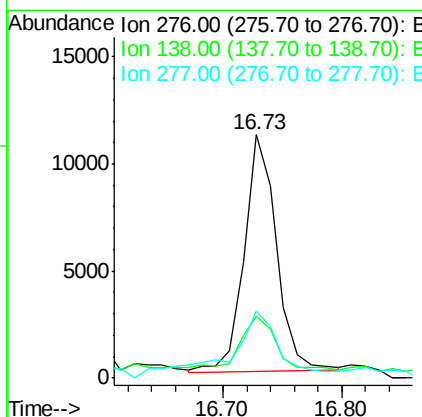
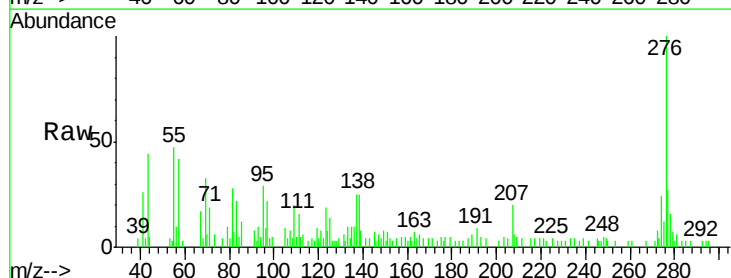
RT: 16.73 min Scan# 1281

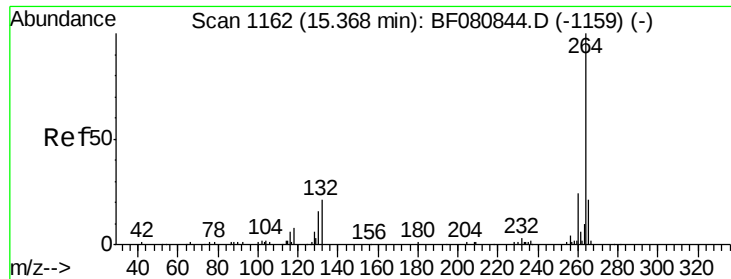
Delta R.T. 0.00 min

Lab File: BF080873.D

Acq: 5 Aug 2015 10:08

Tgt Ion:	276	Resp:	20924
Ion Ratio	Lower	Upper	
276	100		
138	27.4	21.6	32.4
277	45.2	19.6	29.4#





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BF080873.D

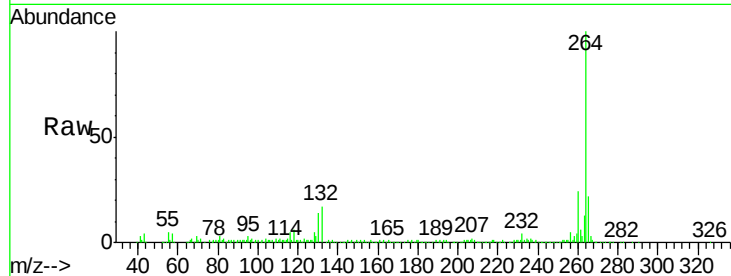
Acq: 5 Aug 2015 10:08

Instrument :

BNA_F

ClientSampleId :

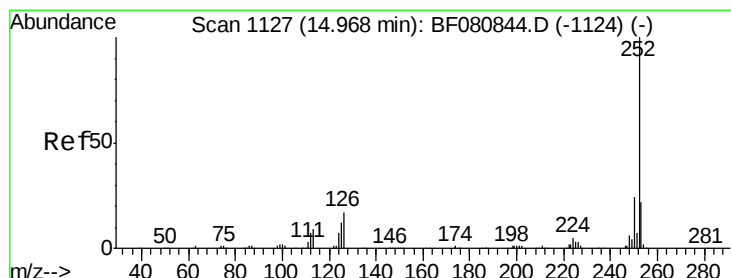
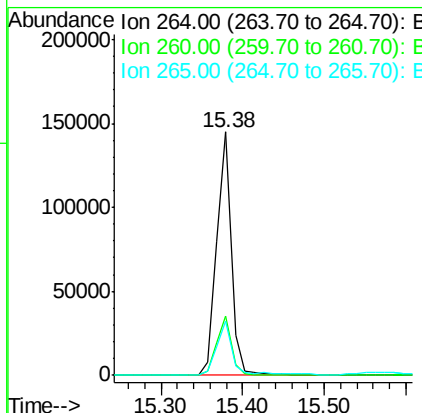
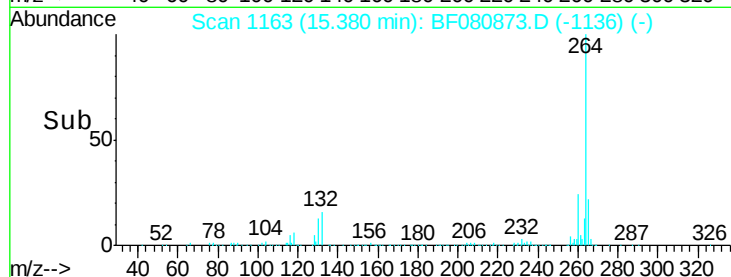
BB-026CS-1(0-16FTBGS)RE



Tgt Ion	Ratio	Resp	Lower	Upper
264	100	182644		
260	24.3	18.9	28.3	
265	22.1	16.8	25.2	

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#87

Benzo(b)fluoranthene

Concen: 3.86 ng m

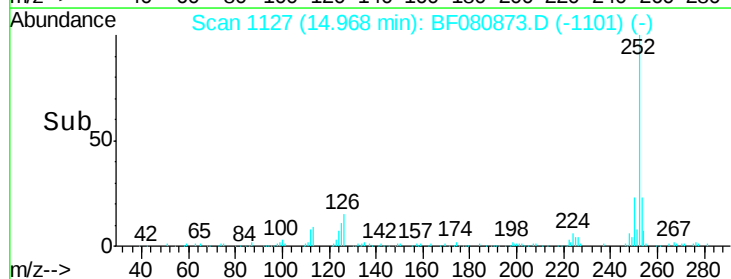
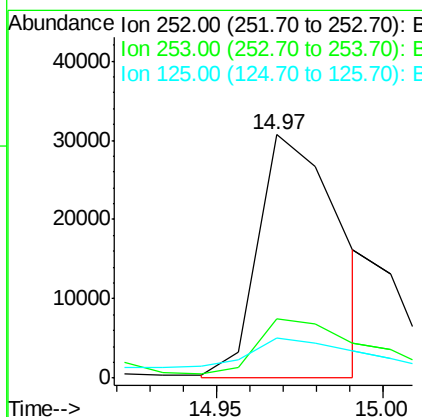
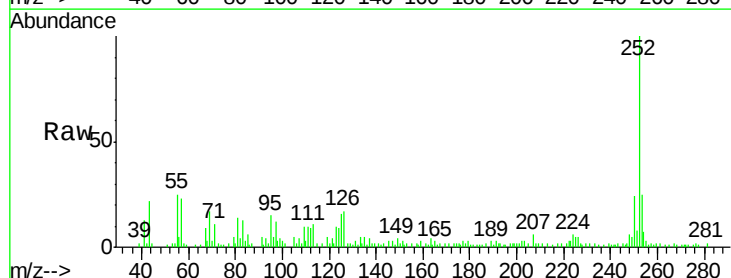
RT: 14.97 min Scan# 1127

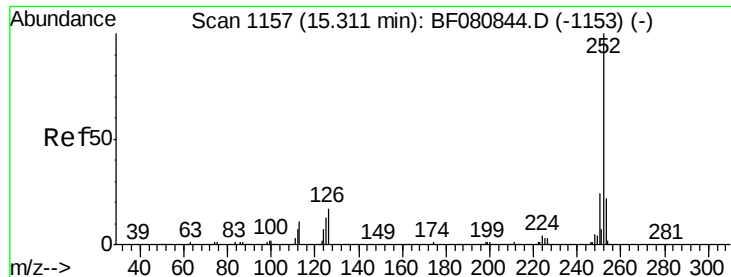
Delta R.T. 0.00 min

Lab File: BF080873.D

Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	52757		
253	24.5	17.4	26.0	
125	16.4	9.8	14.8#	





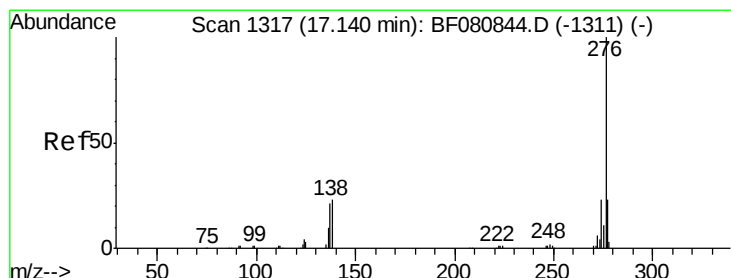
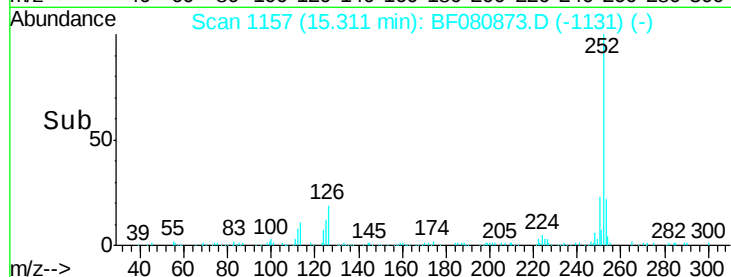
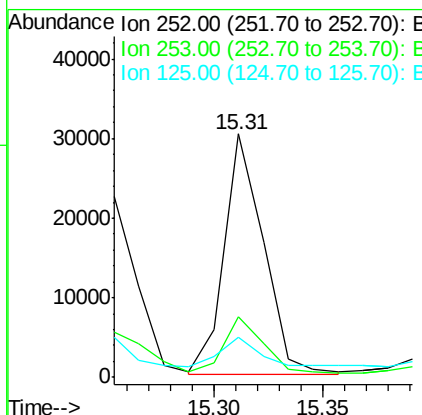
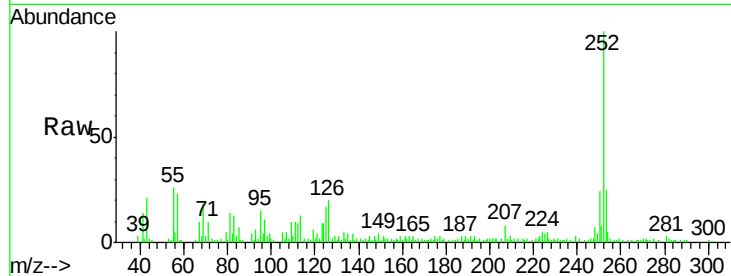
#89
Benzo(a)pyrene
Concen: 3.40 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08

Instrument :
BNA_F
ClientSampleId :
BB-026CS-1(0-16FTBGS)RE

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	37961		
253	24.9	17.4	26.0	
125	16.6	10.6	16.0#	

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#91
Benzo(g,h,i)perylene
Concen: 2.46 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF080873.D
Acq: 5 Aug 2015 10:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	22998		
277	26.3	18.6	27.8	
138	27.1	18.8	28.2	

