

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082154.D
 Acq On : 9 Oct 2015 19:42
 Operator : UM/IZ
 Sample : G3889-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP123-5-7

Manual Integrations
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MMDadoda
 10/12/2015 2:44:04 PM

Quant Time: Oct 09 23:26:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97933	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	293589	20.00	ng	0.01
38) Acenaphthene-d10	9.90	164	150532	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	260319	20.00	ng	0.00
75) Chrysene-d12	14.02	240	222290	20.00	ng	-0.01
86) Perylene-d12	15.46	264	192091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	742300	137.60	ng	0.02
7) Phenol-d6	6.49	99	918298	135.27	ng	0.00
23) Nitrobenzene-d5	7.43	82	630418	143.14	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	166188	109.01	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	977808	117.15	ng	0.00
78) Terphenyl-d14	12.97	244	839043	157.07	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	5432989	417.63	ng	# 92
37) 2-Methylnaphthalene	8.87	142	1254926	141.32	ng	# 89
49) Dimethylphthalate	9.62	163	237371	22.84	ng	99
51) Acenaphthene	9.93	154	385440	44.47	ng	87
57) Fluorene	10.45	166	330982	37.42	ng	# 92
70) Phenanthrene	11.42	178	969219	78.61	ng	95
71) Anthracene	11.46	178	388299	29.35	ng	97
74) Fluoranthene	12.59	202	298486	21.40	ng	92
77) Pyrene	12.82	202	436133	32.84	ng	95
80) Benzo(a)anthracene	14.01	228	148521	12.41	ng	# 80
82) Chrysene	14.05	228	109965	8.08	ng	93
83) Bis(2-ethylhexyl)phthalate	14.00	149	12794	2.04	ng	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	25876	2.76	ng	# 78
87) Benzo(b)fluoranthene	15.05	252	78140m	7.12	ng	
88) Benzo(k)fluoranthene	15.06	252	28740m	2.86	ng	
89) Benzo(a)pyrene	15.41	252	74844m	7.87	ng	
91) Benzo(g,h,i)perylene	17.30	276	27536	3.37	ng	# 74

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

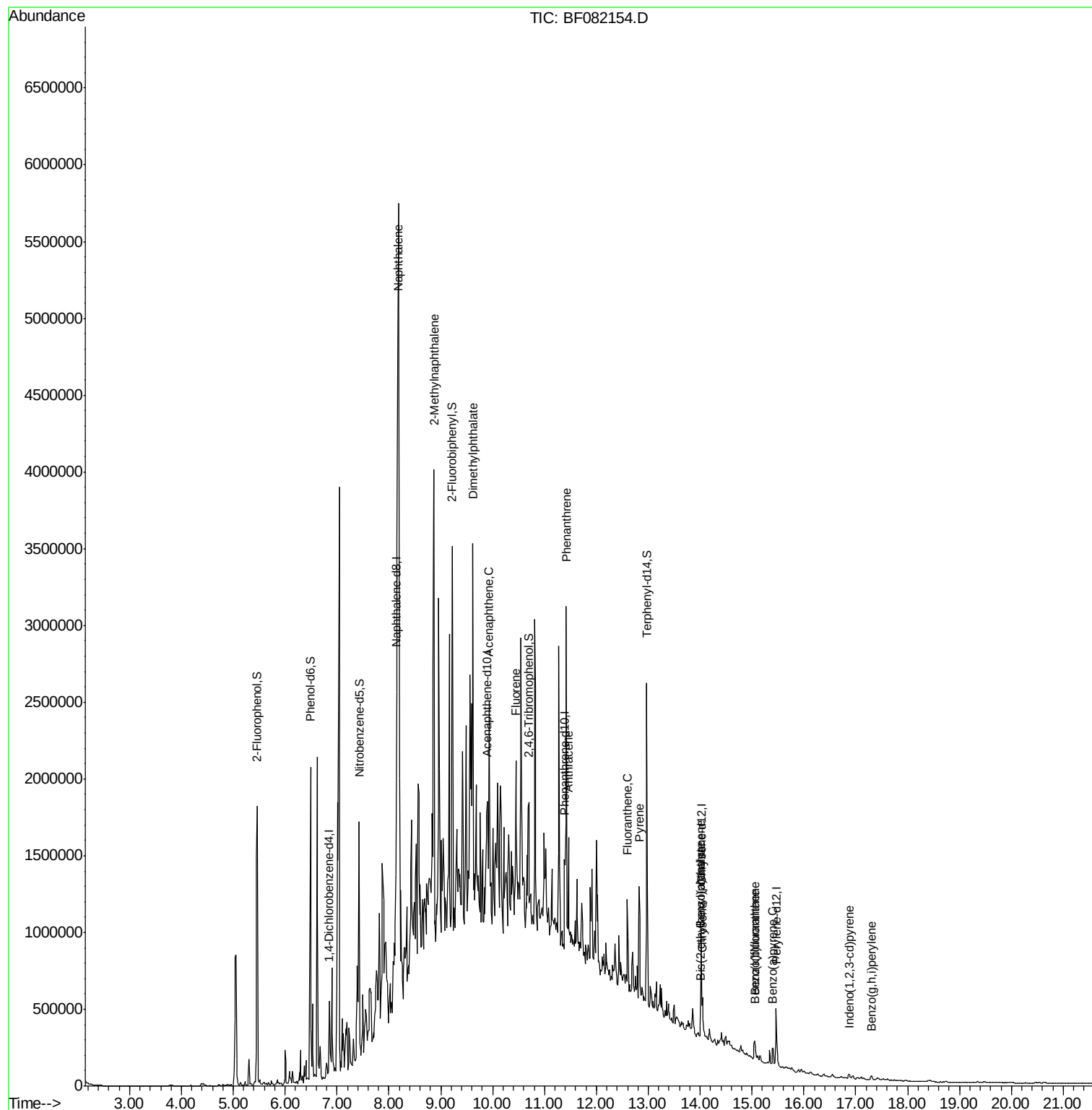
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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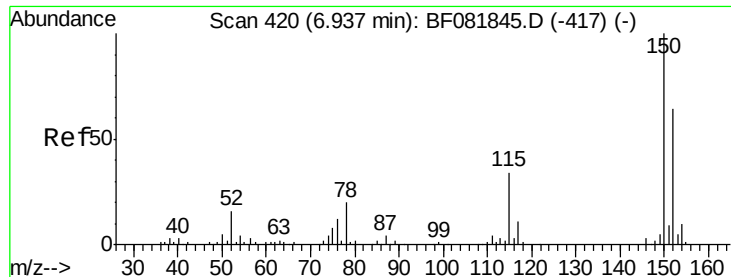
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

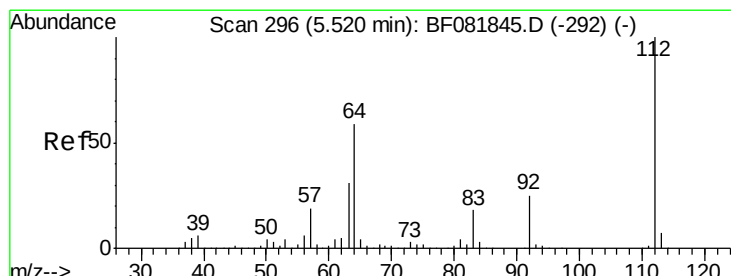
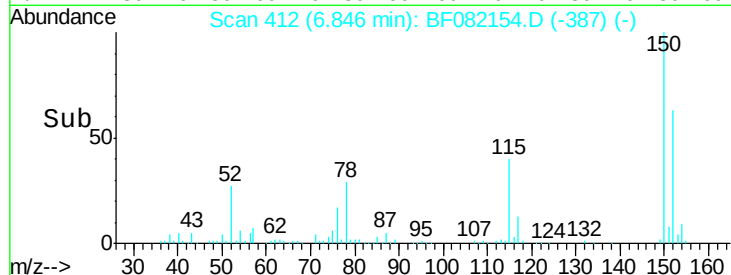
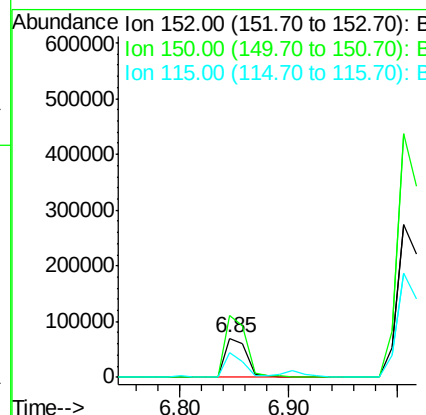
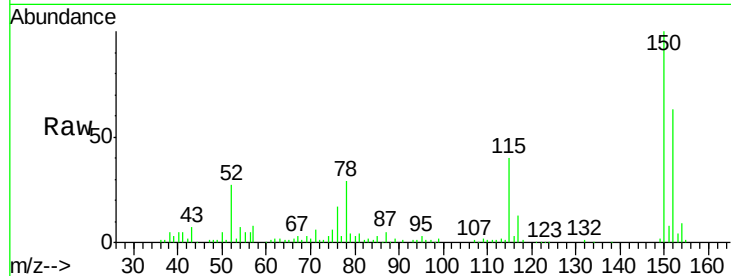
ClientSampleId :

MGP123-5-7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	63.6	39.0	58.4

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#5

2-Fluorophenol

Concen: 137.60 ng

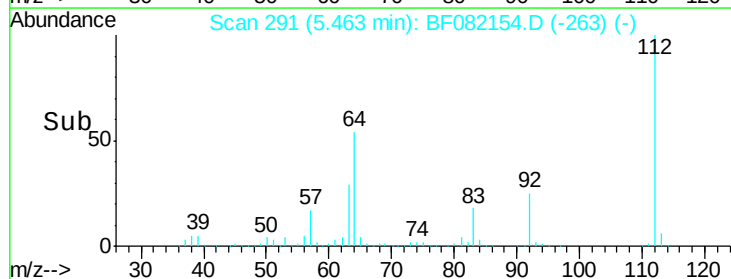
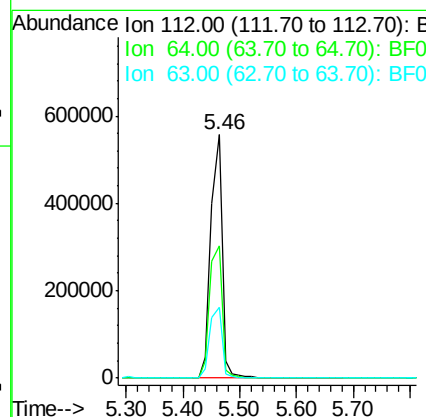
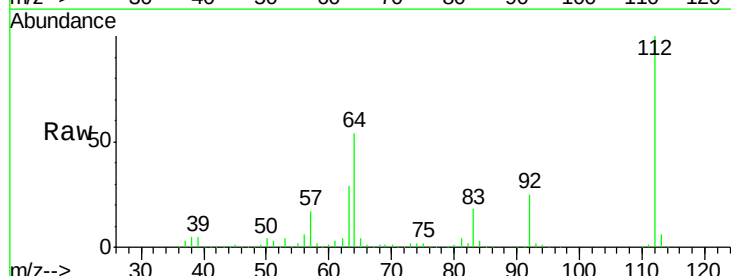
RT: 5.46 min Scan# 291

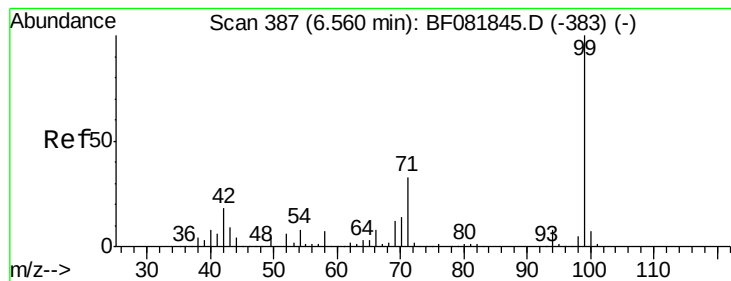
Delta R.T. 0.02 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	39.7	59.5
63	29.1	17.4	26.0





#7

Phenol-d6

Concen: 135.27 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

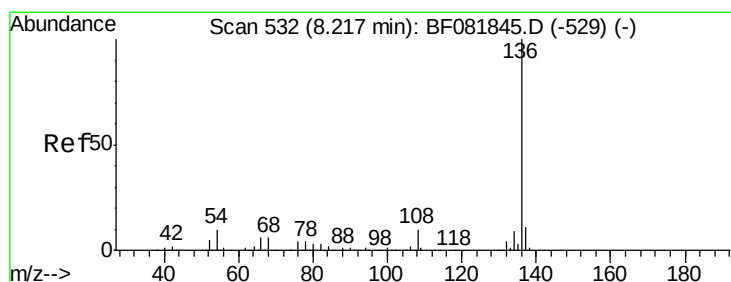
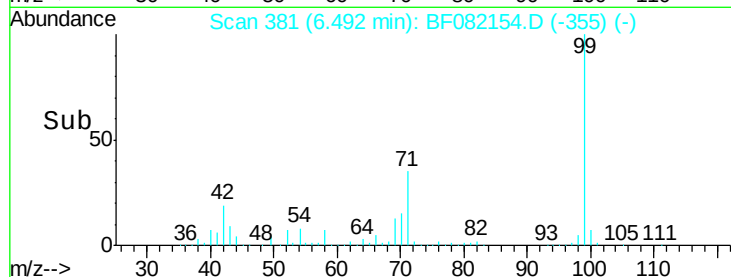
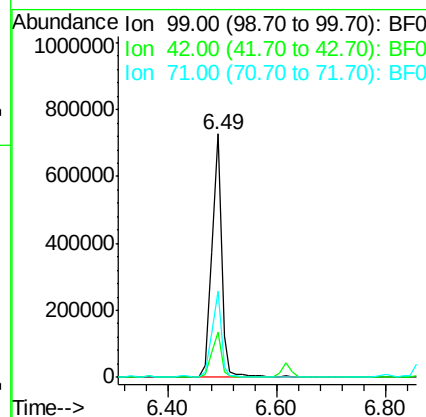
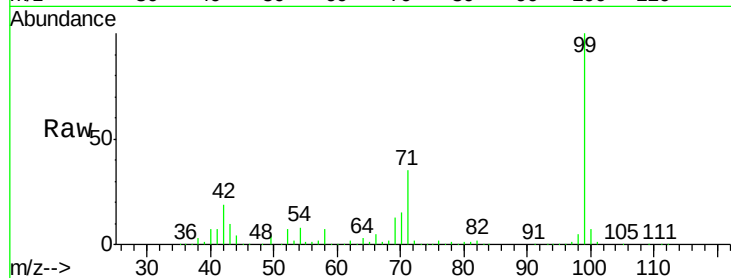
ClientSampleId :

MGP123-5-7

Tgt Ion:	99	Resp:	918298
Ion Ratio	Lower	Upper	
99	100		
42	18.7	13.7	20.5
71	35.4	14.2	21.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

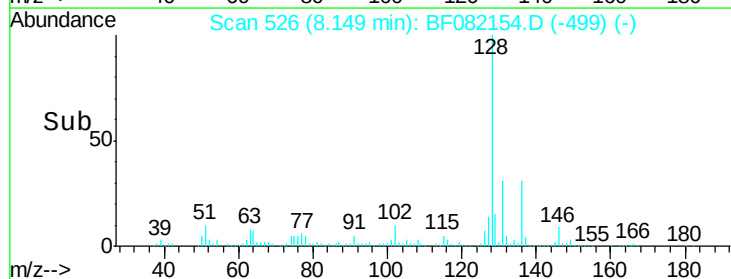
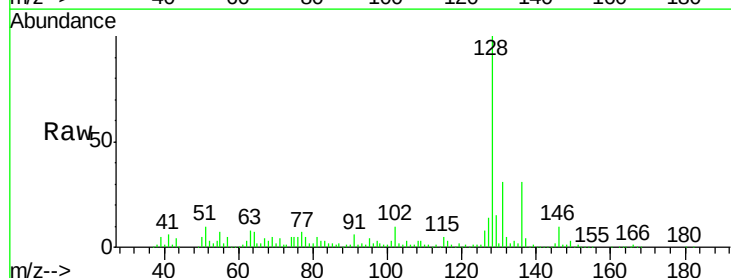
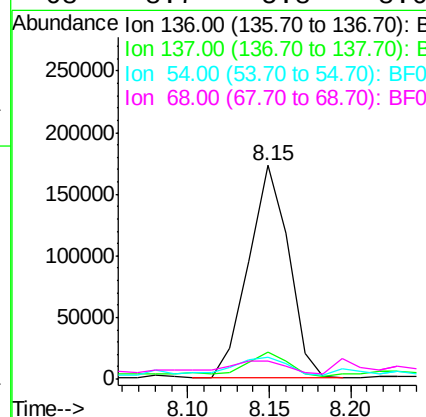
RT: 8.15 min Scan# 526

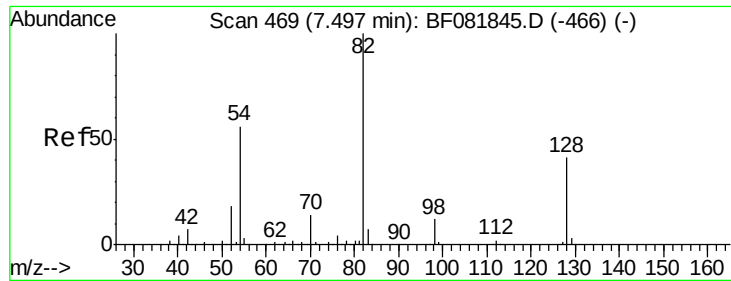
Delta R.T. 0.01 min

Lab File: BF082154.D

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Tgt Ion:	136	Resp:	293589
Ion Ratio	Lower	Upper	
136	100		
137	12.9	9.0	13.6
54	10.1	8.2	12.2
68	8.7	5.8	8.6#





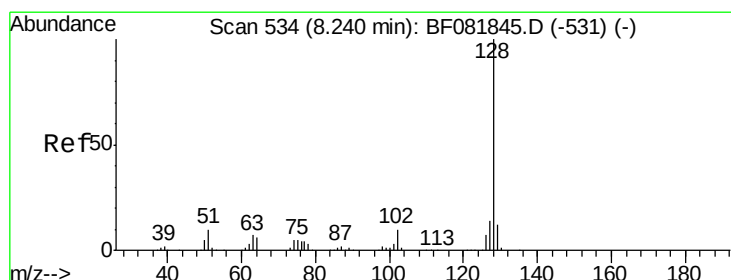
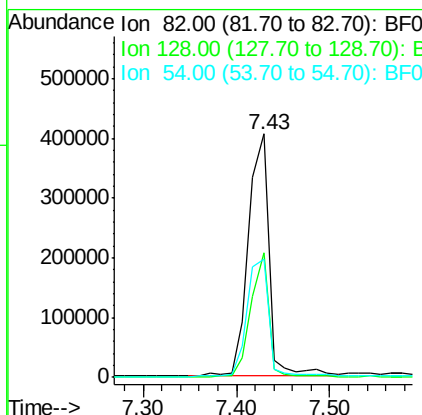
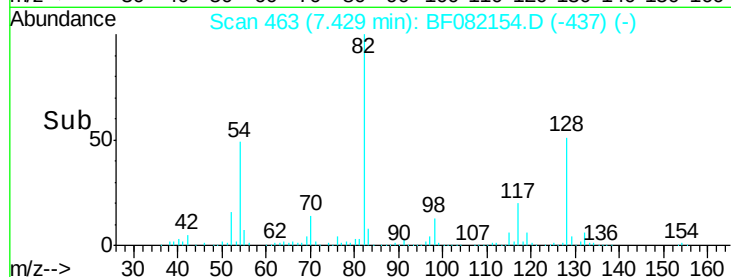
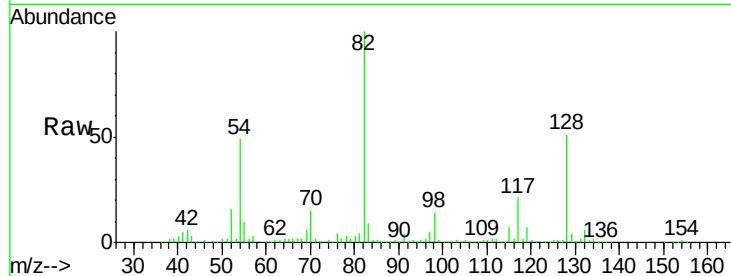
#23
 Nitrobenzene-d5
 Concen: 143.14 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

Instrument :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.9	51.0	76.6#
54	48.7	47.5	71.3

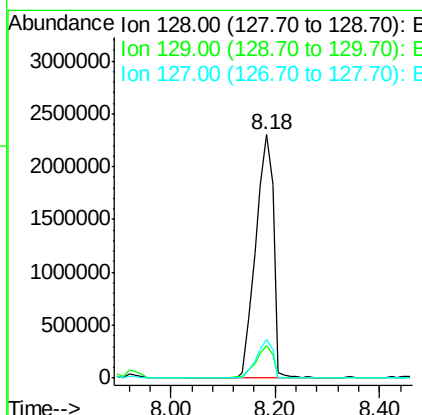
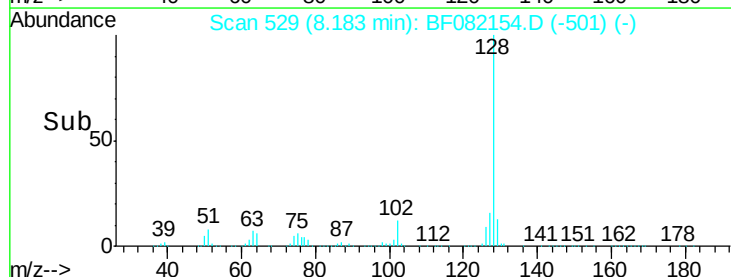
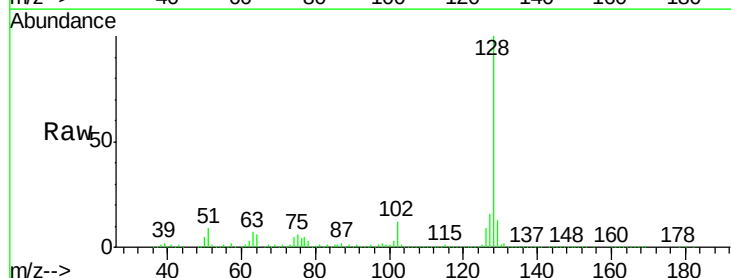
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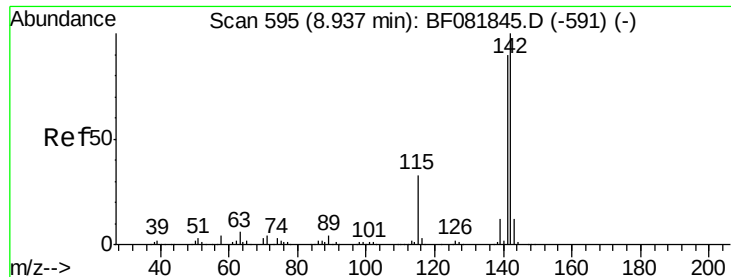
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#31
 Naphthalene
 Concen: 417.63 ng
 RT: 8.18 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.4	12.6#
127	15.7	9.9	14.9#





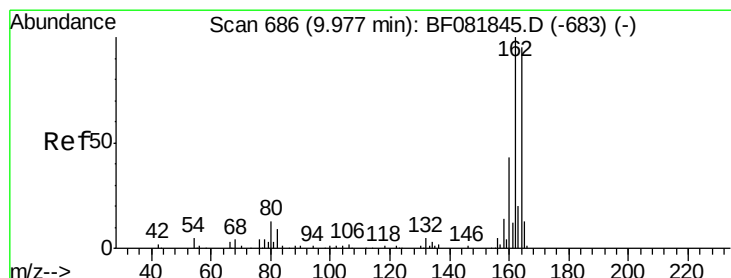
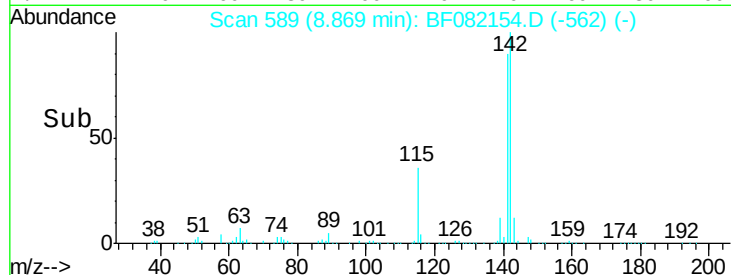
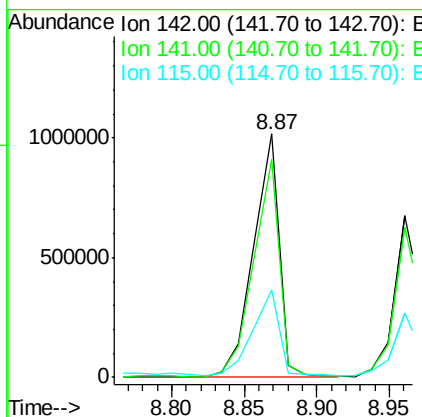
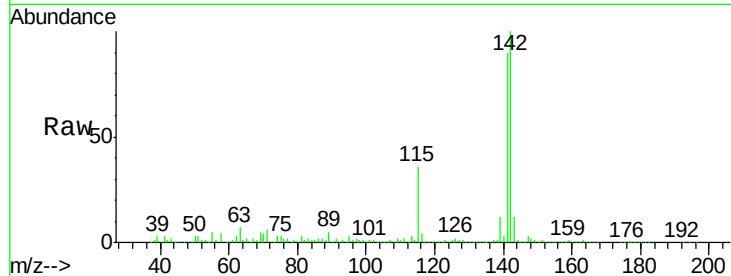
#37
 2-Methylnaphthalene
 Concen: 141.32 ng
 RT: 8.87 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.5	101.3
115	36.2	18.2	27.2

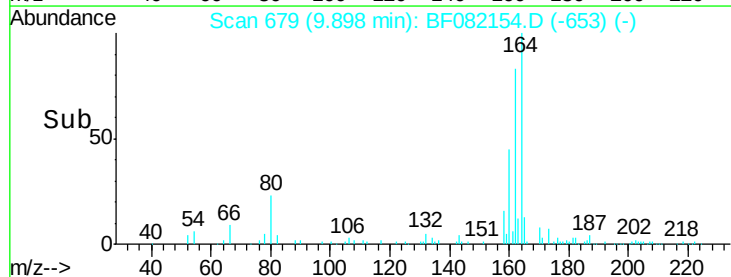
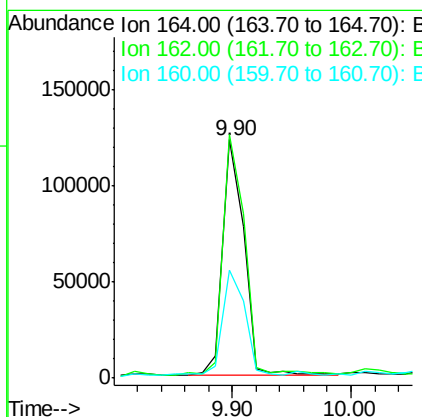
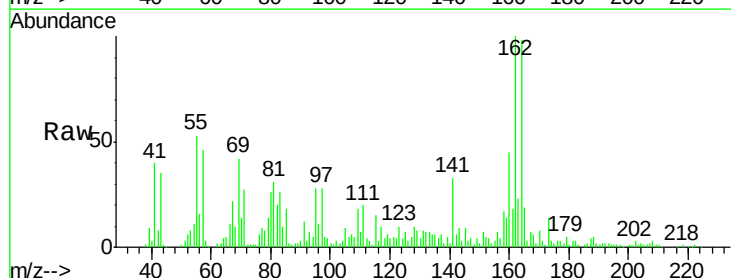
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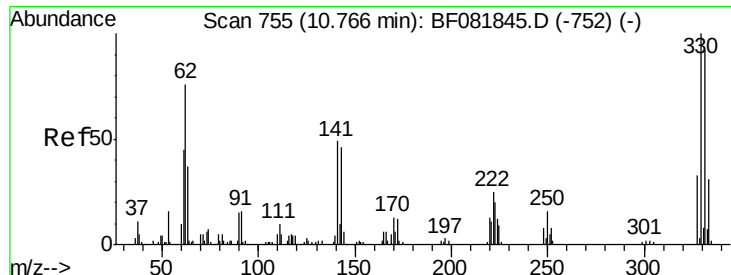
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	45.5	31.5	47.3





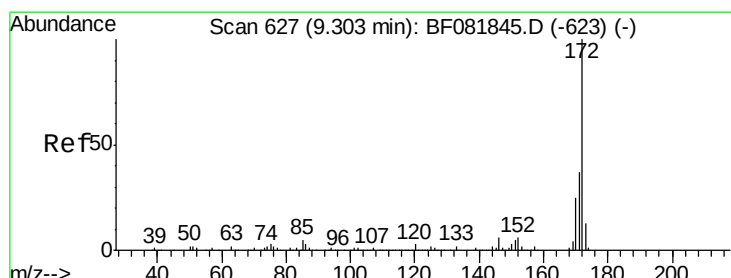
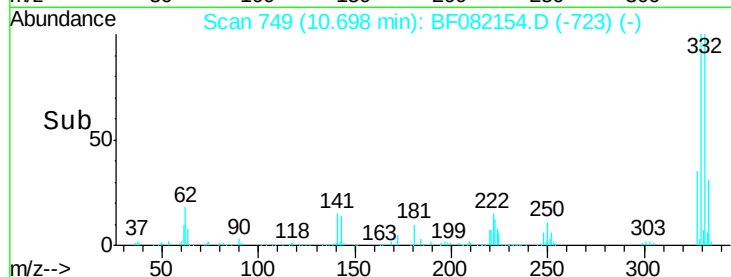
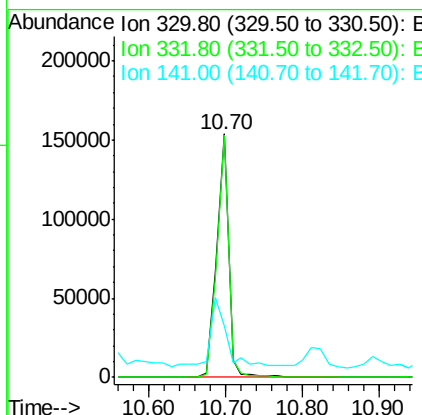
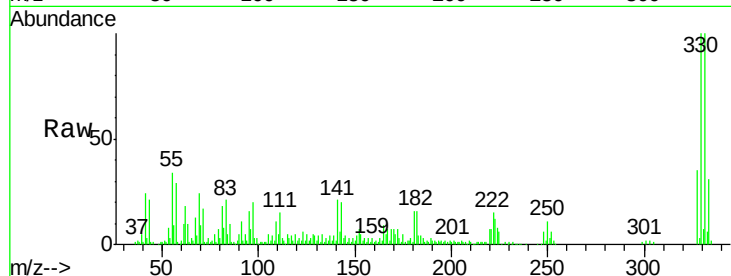
#41
 2,4,6-Tribromophenol
 Concen: 109.01 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	166188		
332	97.9	76.6	114.8	
141	39.4	29.7	44.5	

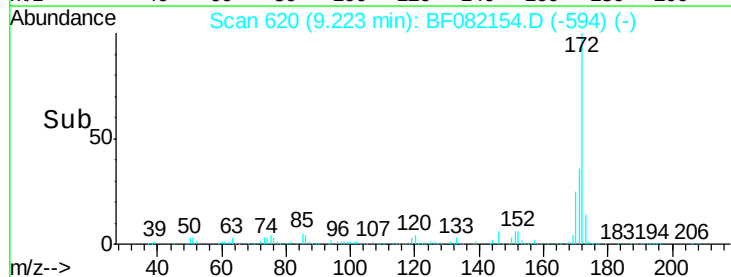
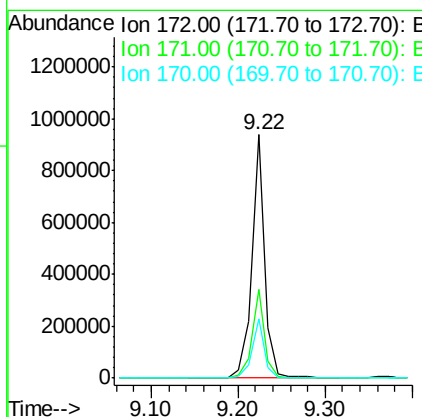
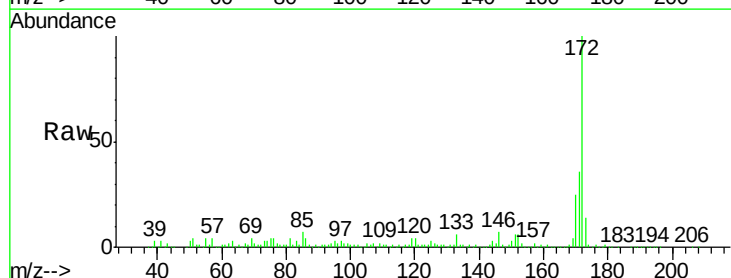
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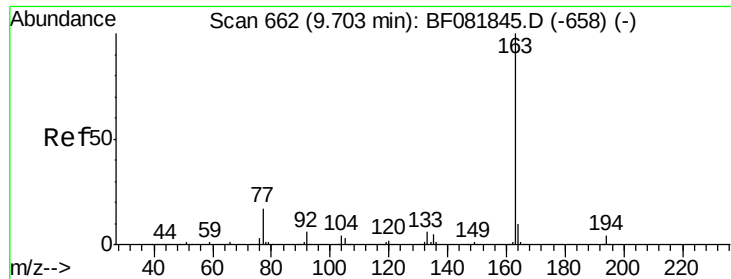
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#44
 2-Fluorobiphenyl
 Concen: 117.15 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	977808		
171	36.2	26.1	39.1	
170	24.6	17.4	26.2	





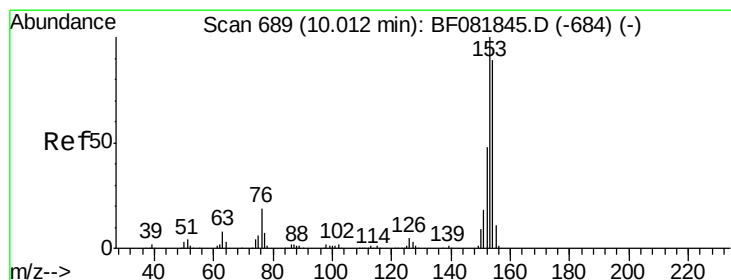
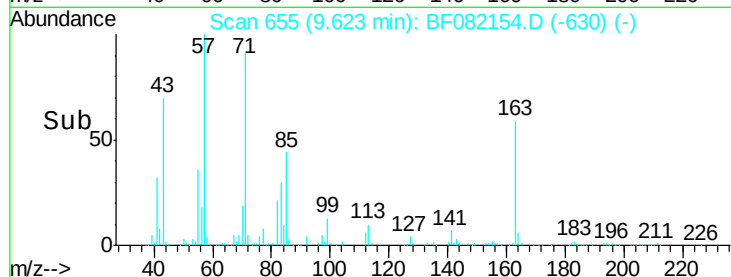
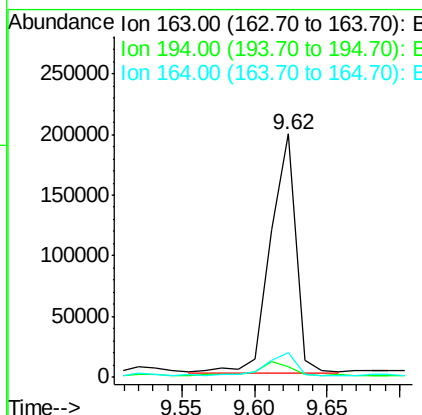
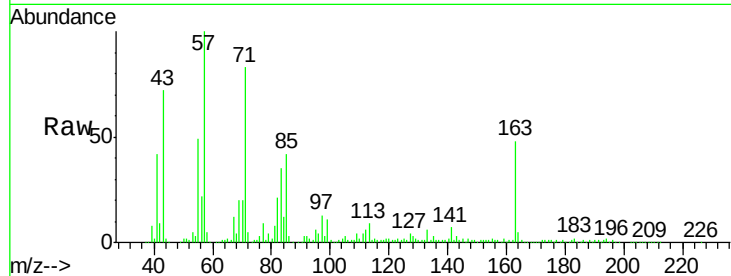
#49
Dimethylphthalate
Concen: 22.84 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	237371		
194	4.5	4.4	6.6	
164	10.2	8.3	12.5	

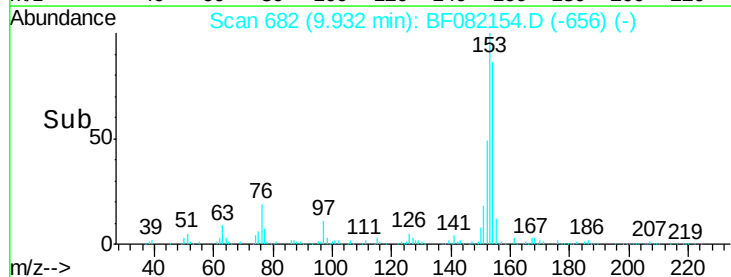
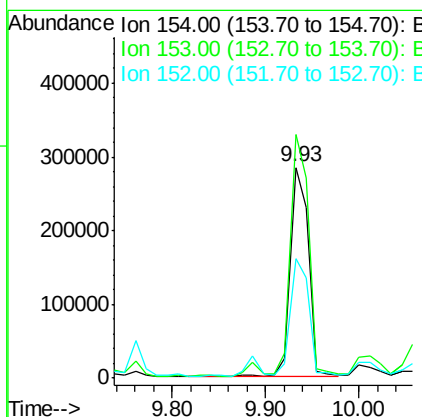
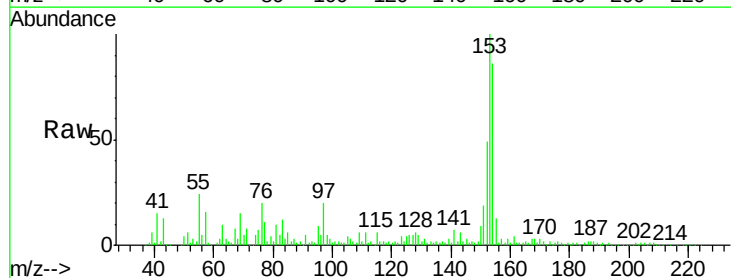
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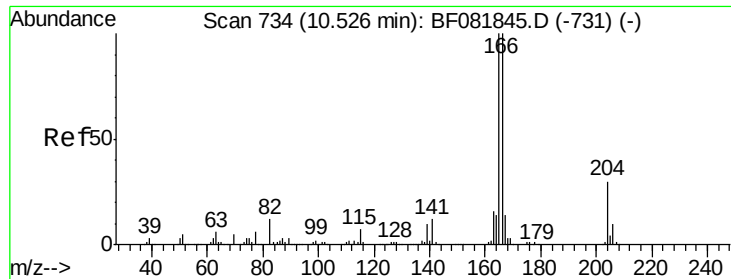
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#51
Acenaphthene
Concen: 44.47 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	385440		
153	115.7	82.1	123.1	
152	56.7	37.9	56.9	





#57

Fluorene

Concen: 37.42 ng

RT: 10.45 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

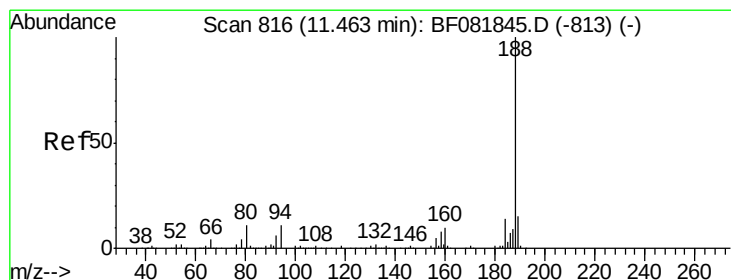
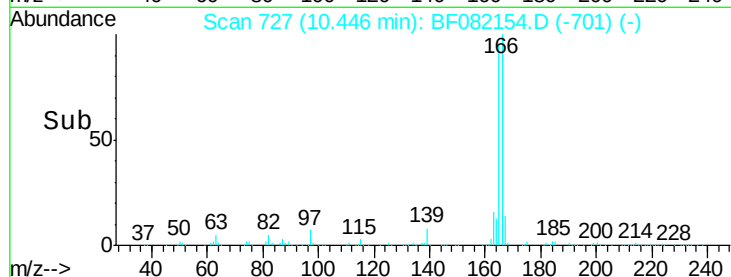
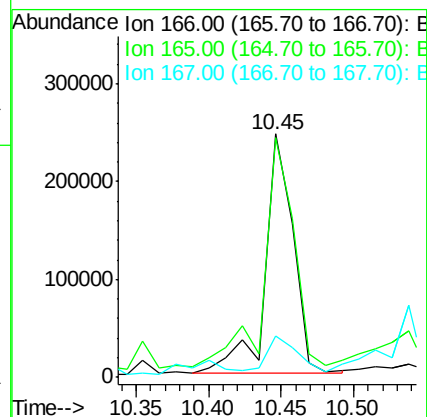
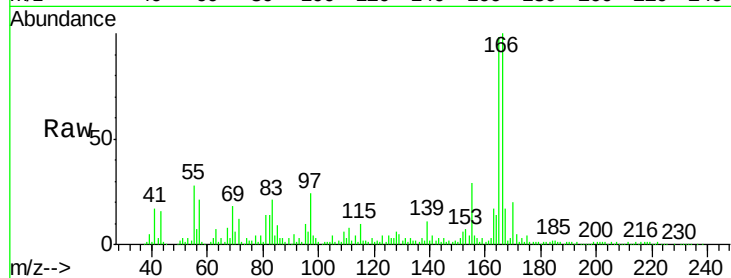
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	330982		
165	98.3	72.6	109.0	
167	16.7	10.6	16.0	



#63

Phenanthrene-d10

Concen: 20.00 ng

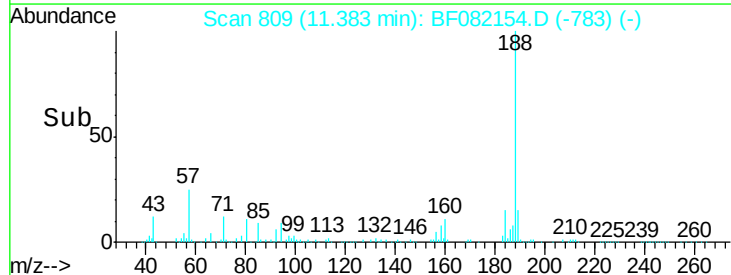
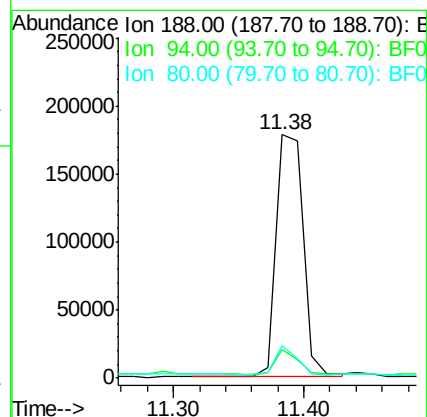
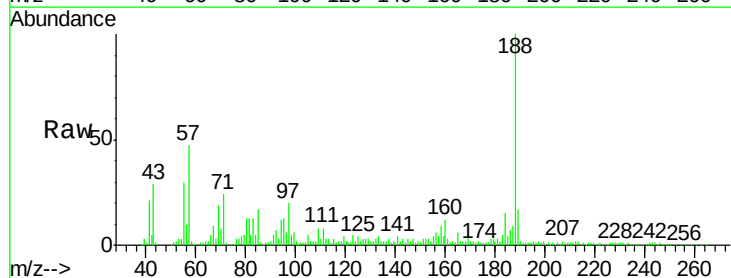
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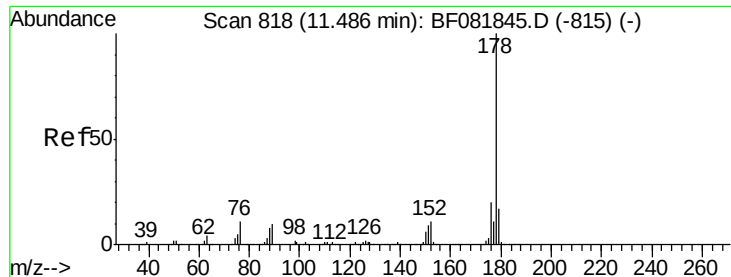
Delta R.T. -0.00 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	260319		
94	11.6	11.1	16.7	
80	13.2	11.0	16.4	





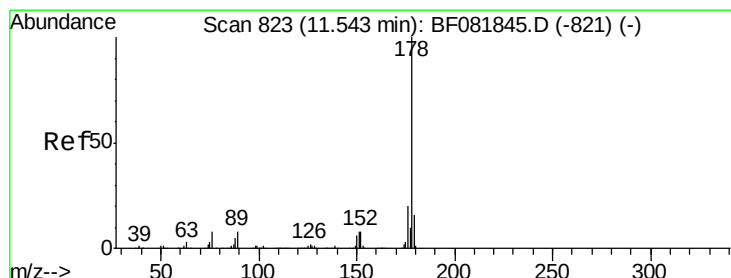
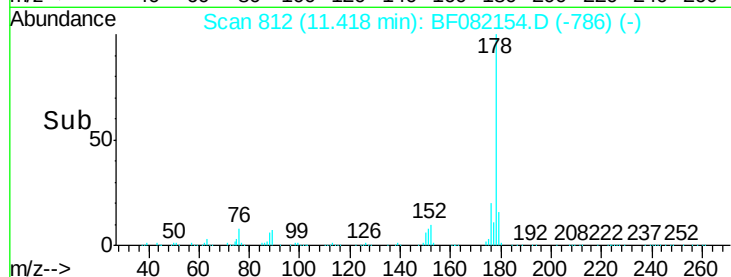
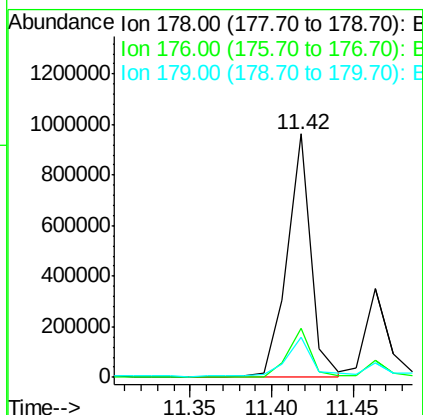
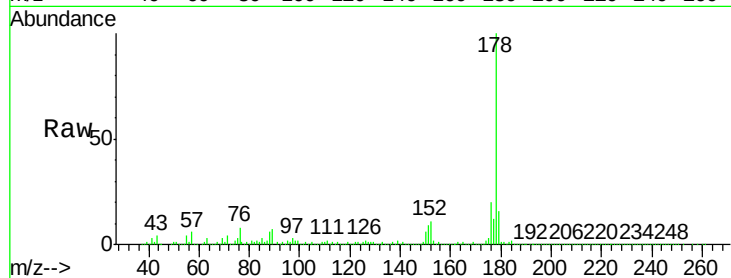
#70
Phenanthrene
Concen: 78.61 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	13.8	20.8
179	16.3	12.2	18.2

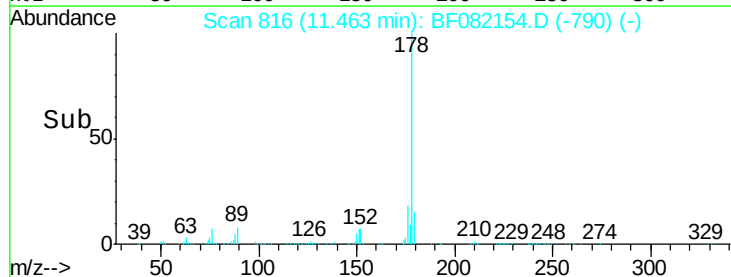
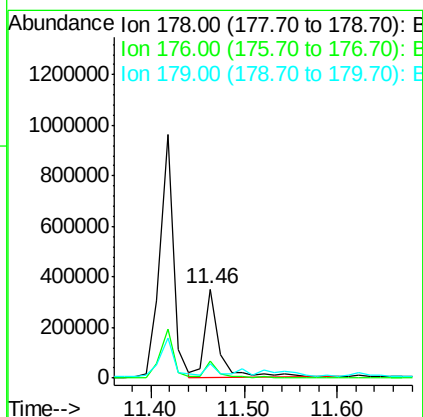
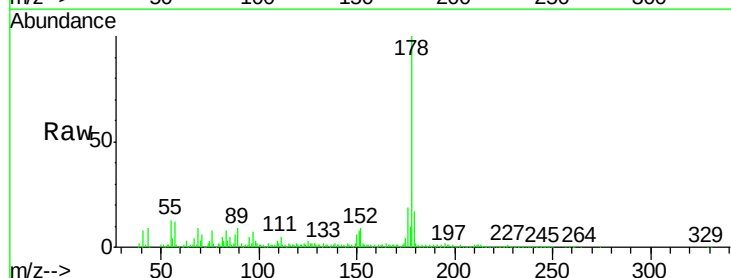
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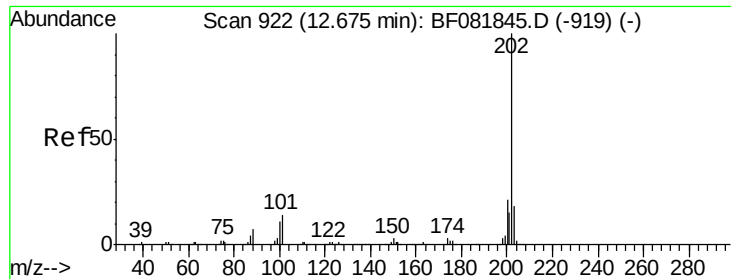
MMDadoda
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#71
Anthracene
Concen: 29.35 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	16.7	12.2	18.2





#74

Fluoranthene

Concen: 21.40 ng

RT: 12.59 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

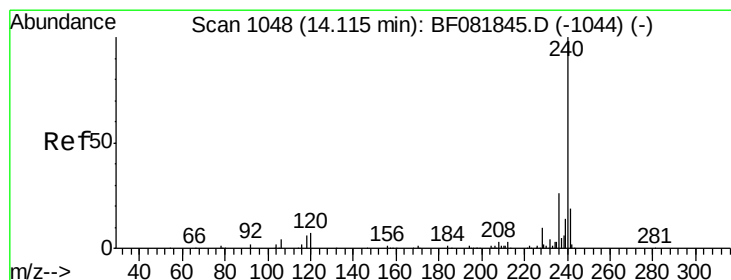
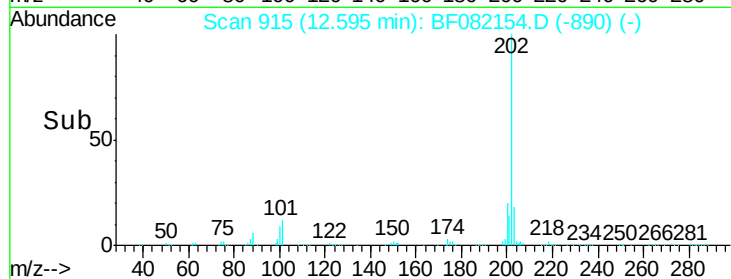
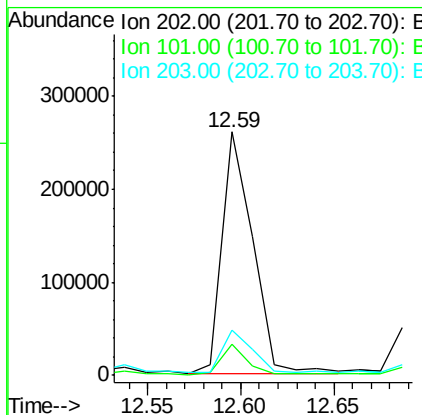
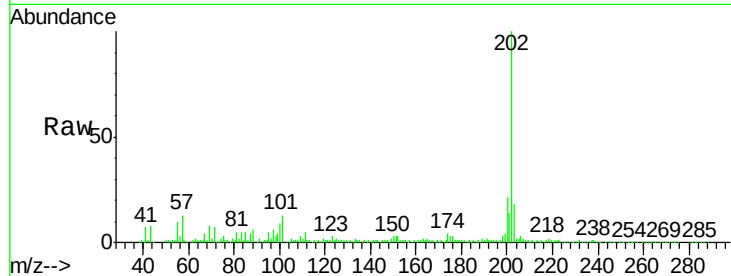
ClientSampleId :

MGP123-5-7

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		298486		
101	12.6	0.0	38.3		
203	18.4	0.0	37.3		

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#75

Chrysene-d12

Concen: 20.00 ng

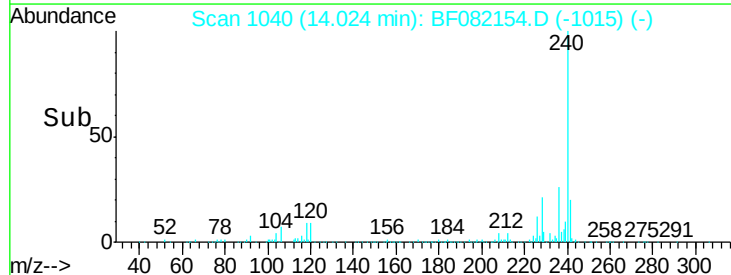
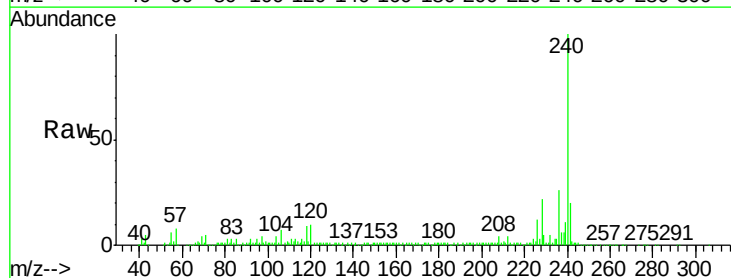
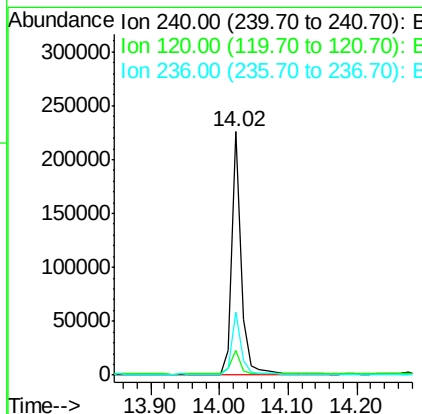
RT: 14.02 min Scan# 1040

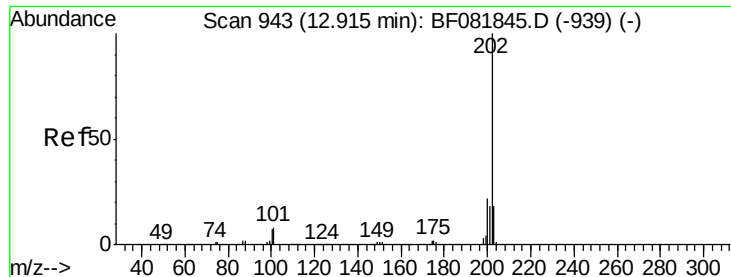
Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		222290		
120	10.0	16.2	24.2#		
236	25.8	18.4	27.6		





#77

Pyrene

Concen: 32.84 ng

RT: 12.82 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

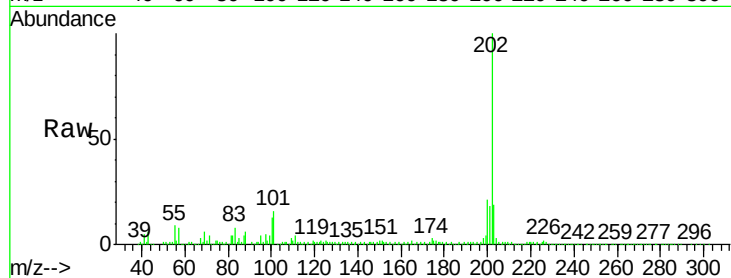
ClientSampleId :

MGP123-5-7

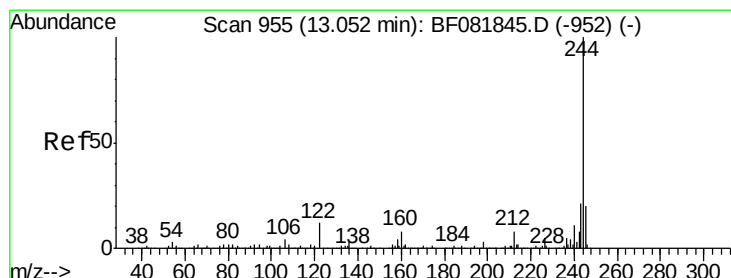
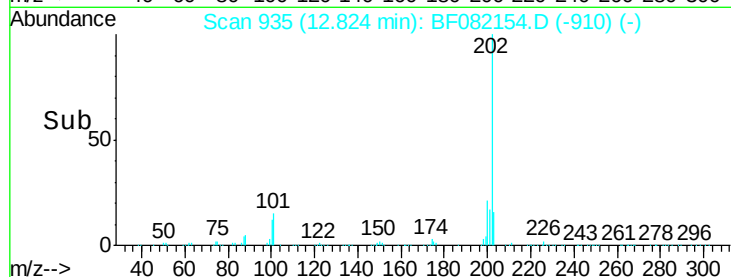
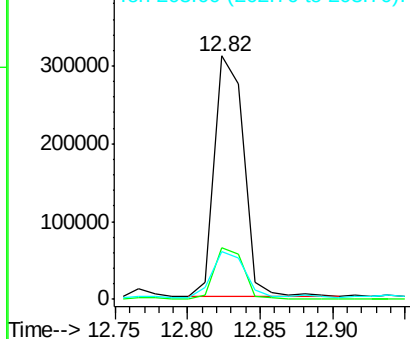
Tgt	Ion	202	Resp:	436133
Ion	Ratio		Lower	Upper
202	100			
200	21.3	15.0	22.4	
203	19.4	14.1	21.1	

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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: 157.07 ng

RT: 12.97 min Scan# 948

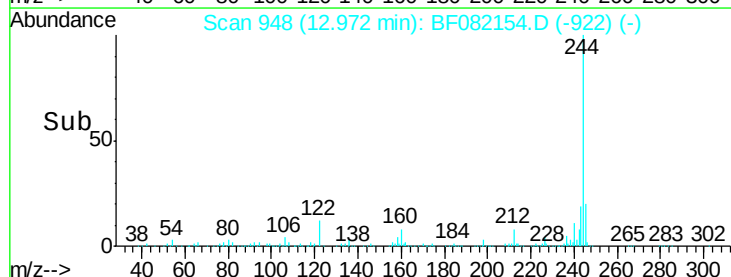
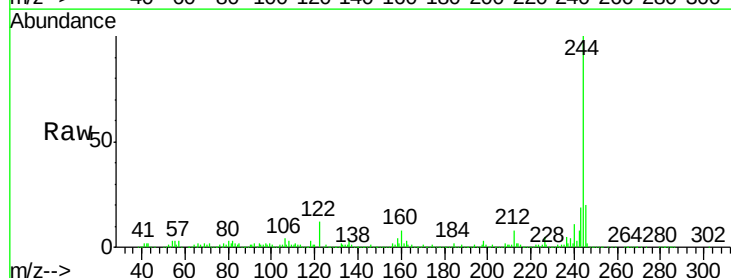
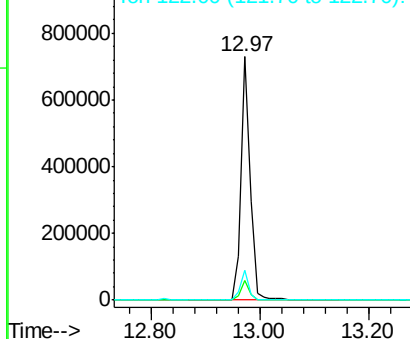
Delta R.T. -0.00 min

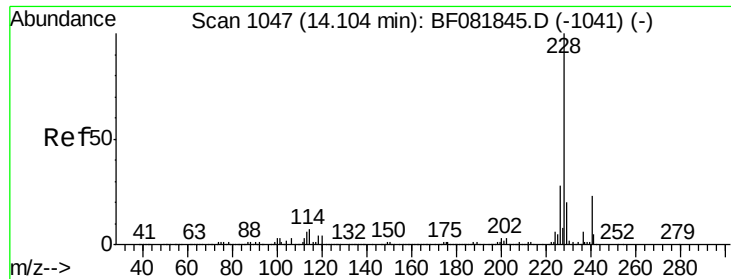
Lab File: BF082154.D

Acq: 9 Oct 2015 19:42

Tgt	Ion	244	Resp:	839043
Ion	Ratio		Lower	Upper
244	100			
212	7.8	4.3	6.5#	
122	12.1	17.4	26.2#	

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





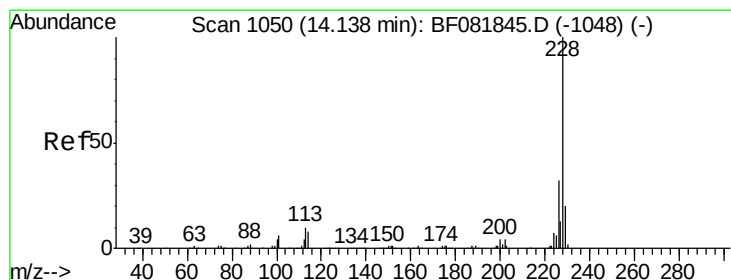
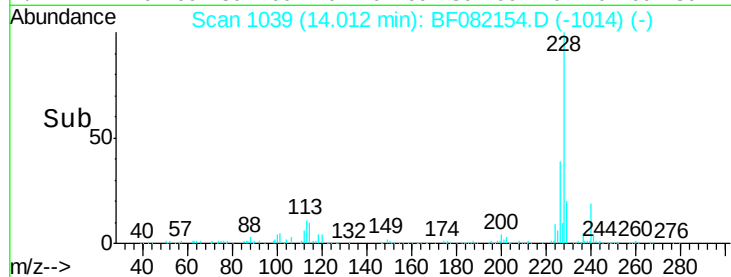
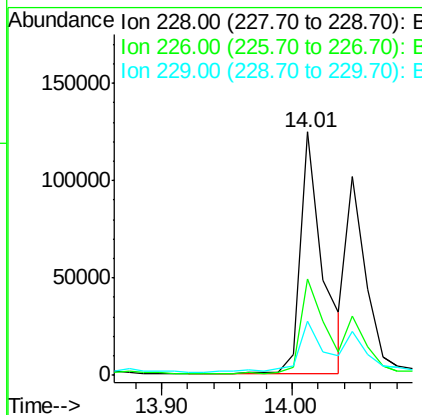
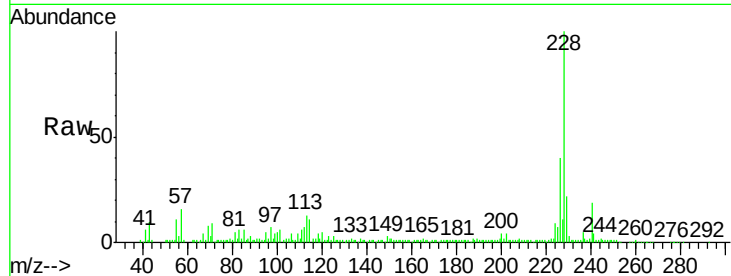
#80
Benzo(a)anthracene
Concen: 12.41 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7

Tgt Ion	Ratio	Lower	Upper
228	100		
226	39.8	20.0	30.0#
229	22.3	15.4	23.2

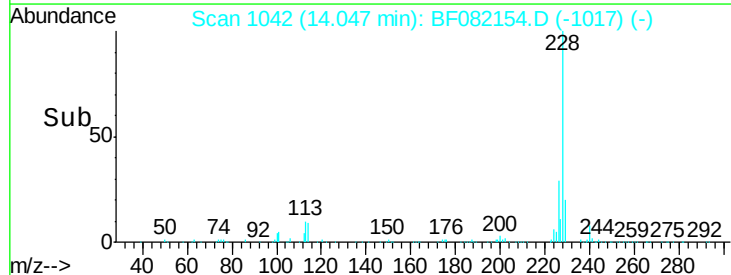
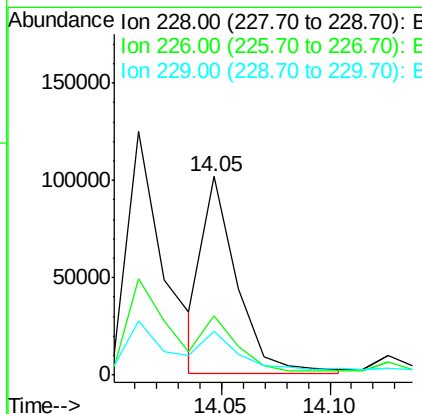
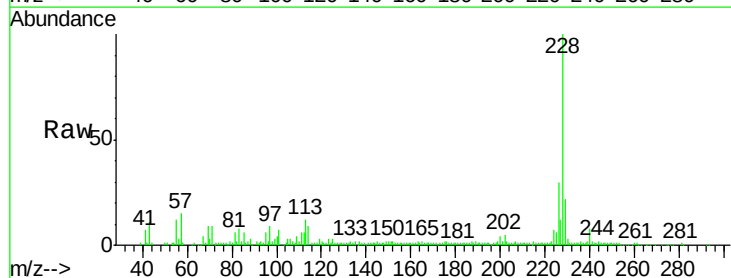
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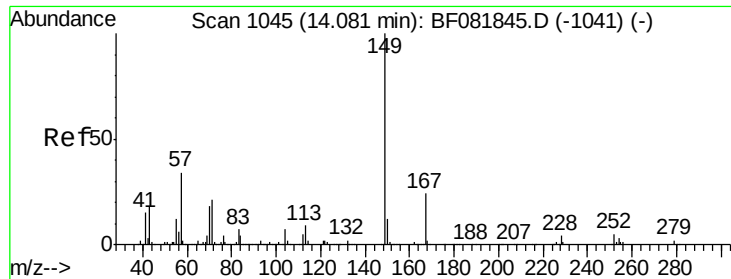
MMDadoda
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#82
Chrysene
Concen: 8.08 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.0	31.4
229	22.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.04 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082154.D

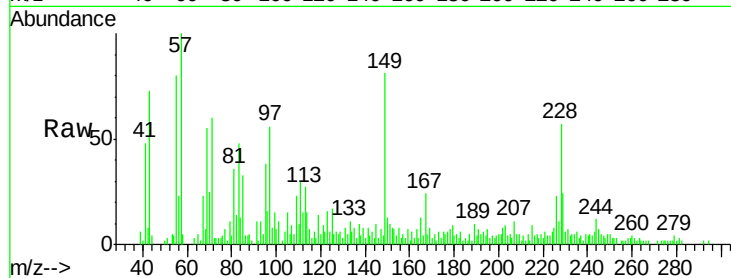
Acq: 9 Oct 2015 19:42

Instrument :

BNA_F

ClientSampleId :

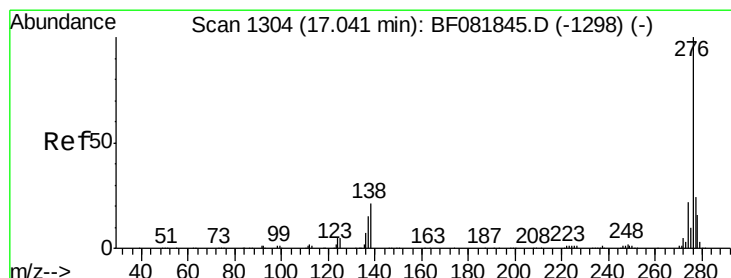
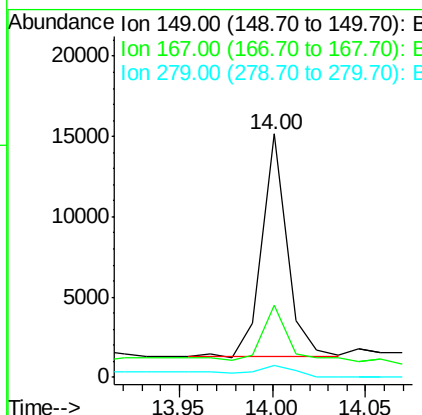
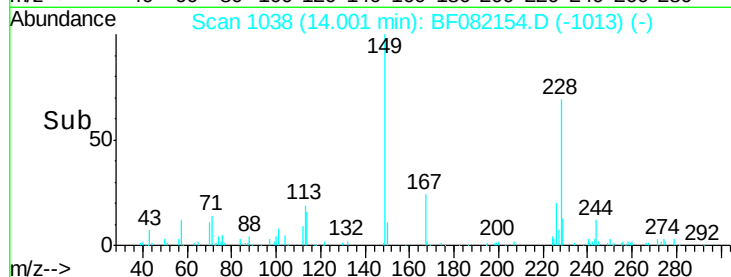
MGP123-5-7



Tgt Ion:	149	Resp:	12794
Ion Ratio	Lower	Upper	
149	100		
167	29.8	24.2	36.2
279	5.1	3.8	5.6

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#85

Indeno(1,2,3-cd)pyrene

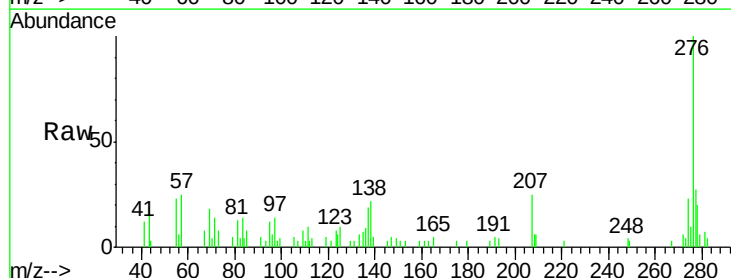
Concen: 2.76 ng

RT: 16.87 min Scan# 1289

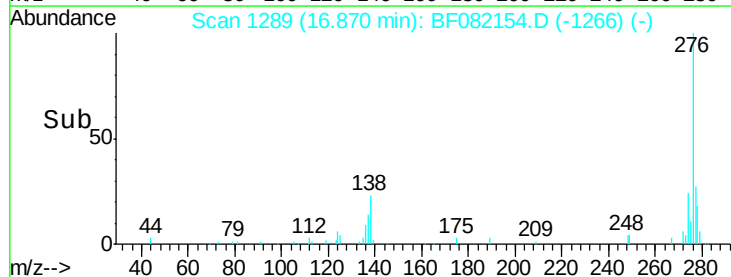
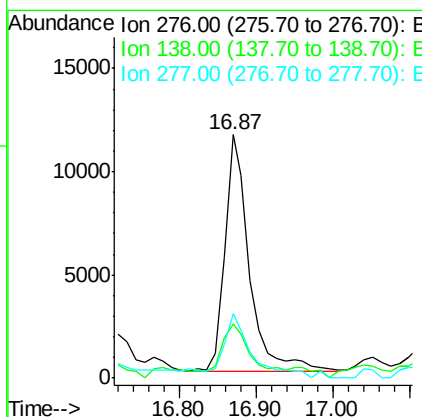
Delta R.T. -0.03 min

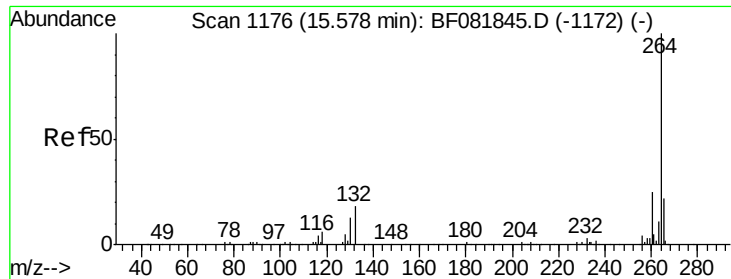
Lab File: BF082154.D

Acq: 9 Oct 2015 19:42



Tgt Ion:	276	Resp:	25876
Ion Ratio	Lower	Upper	
276	100		
138	20.9	25.7	38.5#
277	31.4	15.6	23.4#





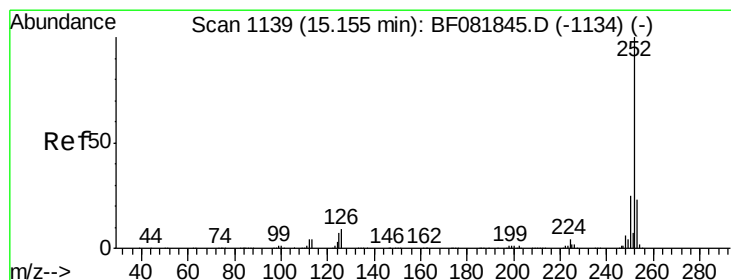
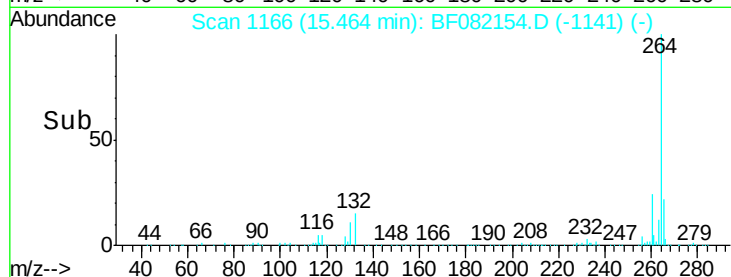
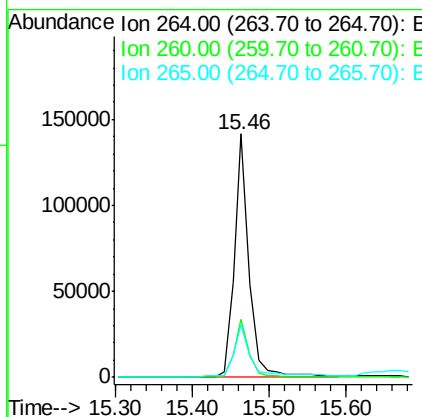
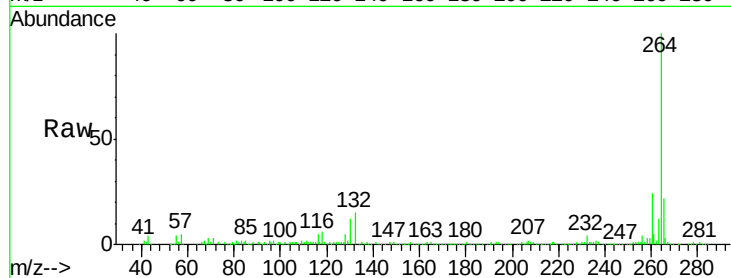
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	192091		
260	23.8	16.7	25.1	
265	21.9	17.2	25.8	

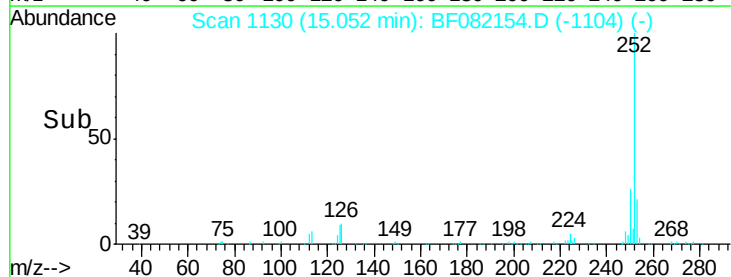
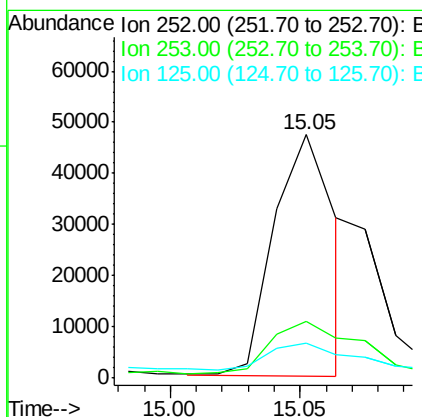
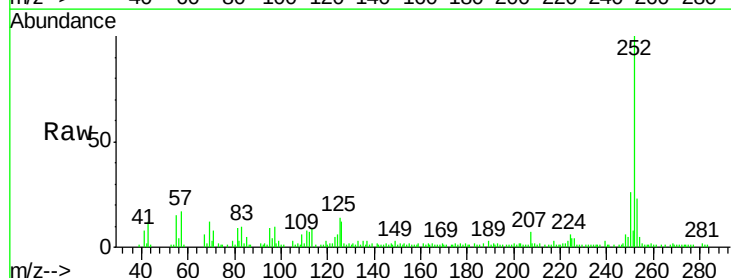
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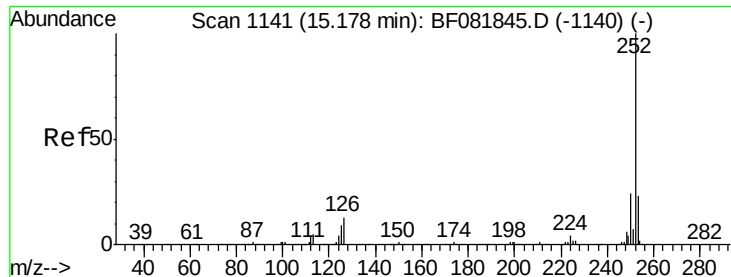
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#87
Benzo(b)fluoranthene
Concen: 7.12 ng m
RT: 15.05 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	78140		
253	23.4	17.5	26.3	
125	14.1	17.1	25.7#	





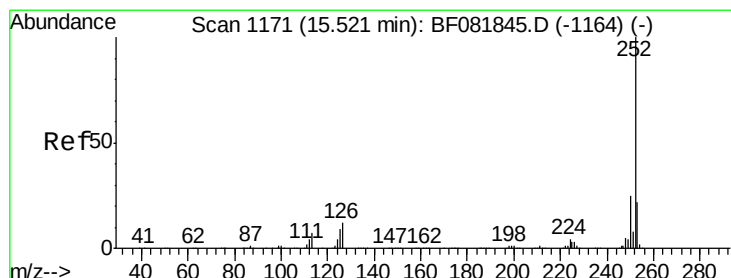
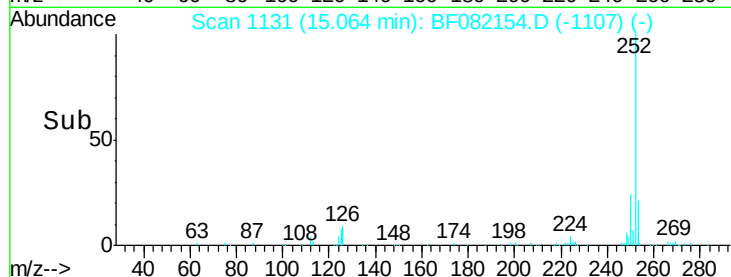
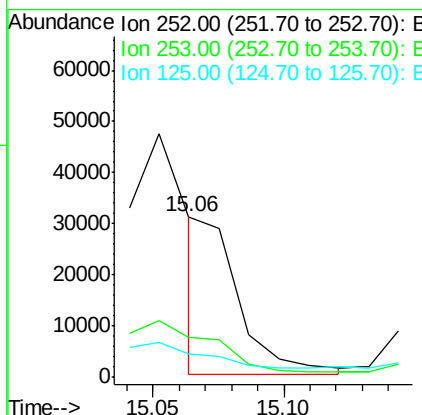
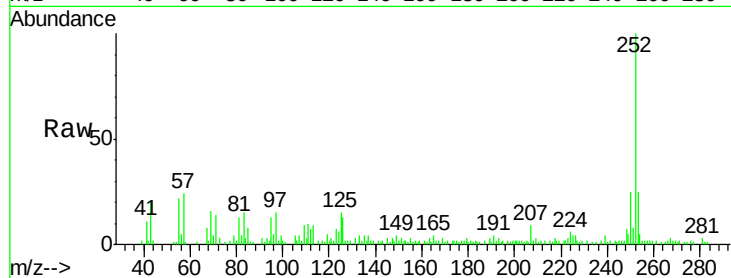
#88
Benzo(k)fluoranthene
Concen: 2.86 ng m
RT: 15.06 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.4
125	14.9	16.0	24.0#

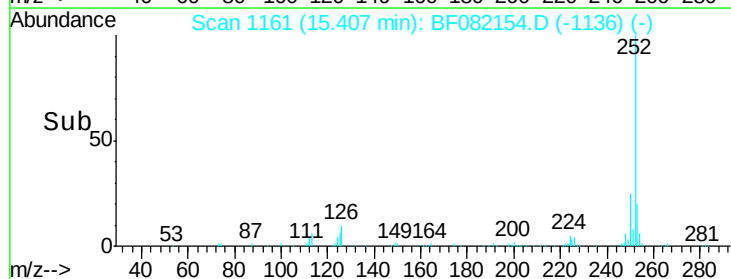
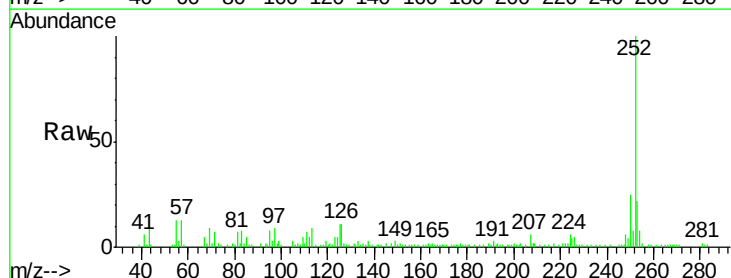
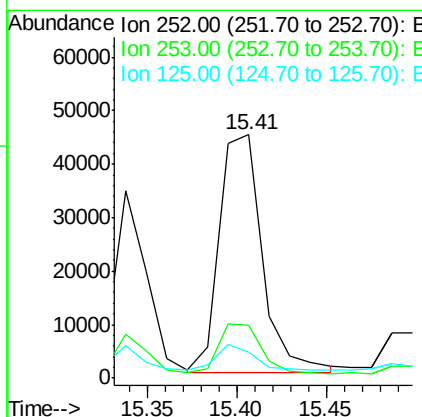
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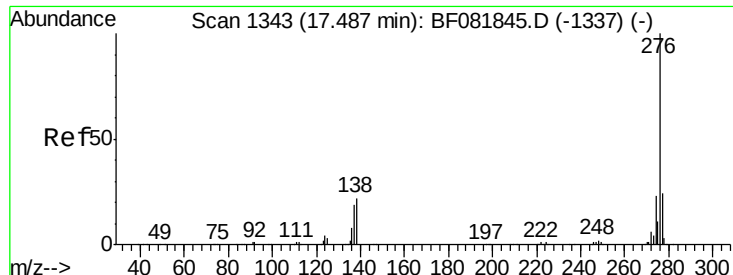
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#89
Benzo(a)pyrene
Concen: 7.87 ng m
RT: 15.41 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF082154.D
Acq: 9 Oct 2015 19:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.8	18.0	27.0#





#91
 Benzo(g,h,i)perylene
 Concen: 3.37 ng
 RT: 17.30 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF082154.D
 Acq: 9 Oct 2015 19:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP123-5-7

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.8	26.6
138	18.3	34.6	51.8#

Manual Integrations
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