

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081510.D
 Acq On : 6 Sep 2015 15:18
 Operator : UM/IZ
 Sample : G3472-03
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :
 SB003

Manual Integrations
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Quant Time: Sep 07 09:06:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 05:41:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	50301	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	185908	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	78807	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	130578	20.00	ng	0.00
75) Chrysene-d12	13.47	240	105417	20.00	ng	0.01
86) Perylene-d12	14.78	264	88846	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.90	112	310176	95.67	ng	0.01
7) Phenol-d6	6.03	99	466878	108.79	ng	0.00
23) Nitrobenzene-d5	6.94	82	284003	73.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	57095	81.37	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	391935	63.73	ng	-0.01
78) Terphenyl-d14	12.43	244	233690	51.60	ng	-0.01

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	7.67	128	119724	12.08	ng	98
37) 2-Methylnaphthalene	8.36	142	118465	18.36	ng	# 91
45) 1,1'-Biphenyl	8.82	154	19248	2.65	ng	96
48) Acenaphthylene	9.24	152	53718	5.78	ng	# 92
49) Dimethylphthalate	9.14	163	110820	18.10	ng	# 96
51) Acenaphthene	9.42	154	56664	10.72	ng	90
54) Dibenzofuran	9.59	168	64662	8.38	ng	# 76
57) Fluorene	9.93	166	79701m	13.61	ng	
70) Phenanthrene	10.89	178	854149	117.66	ng	97
71) Anthracene	10.92	178	174872	23.45	ng	96
72) Carbazole	11.10	167	103182	14.74	ng	97
74) Fluoranthene	12.06	202	1005983	128.01	ng	91
77) Pyrene	12.29	202	883950	113.20	ng	98
80) Benzo(a)anthracene	13.46	228	433362	64.55	ng	95
82) Chrysene	13.50	228	372055m	61.82	ng	
83) Bis(2-ethylhexyl)phthalate	13.50	149	25523	5.69	ng	# 92
85) Indeno(1,2,3-cd)pyrene	15.86	276	161092	36.49	ng	# 81
87) Benzo(b)fluoranthene	14.46	252	463762m	73.11	ng	
88) Benzo(k)fluoranthene	14.48	252	166548m	31.64	ng	
89) Benzo(a)pyrene	14.73	252	321538	59.82	ng	# 87
90) Dibenzo(a,h)anthracene	15.86	278	39132m	9.42	ng	
91) Benzo(g,h,i)perylene	16.18	276	135166	34.10	ng	# 73

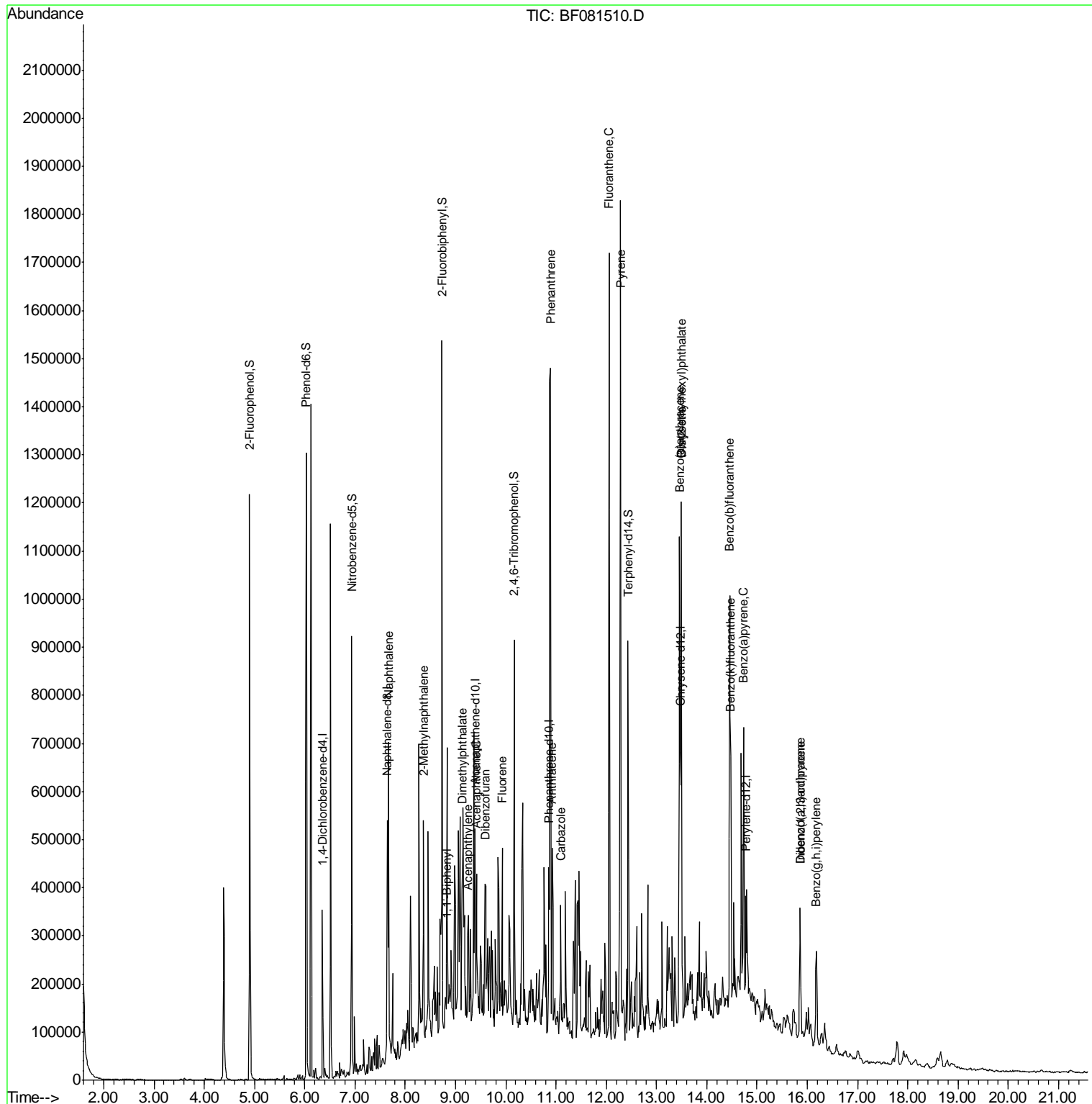
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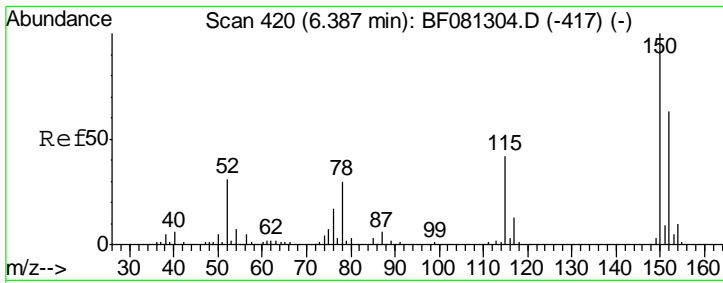
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
 Data File : BF081510.D
 Acq On : 6 Sep 2015 15:18
 Operator : UM/IZ
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Instrument :
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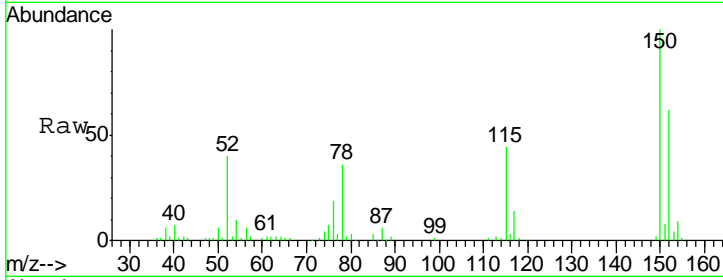
Quant Time: Sep 07 09:06:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 05:41:57 2015
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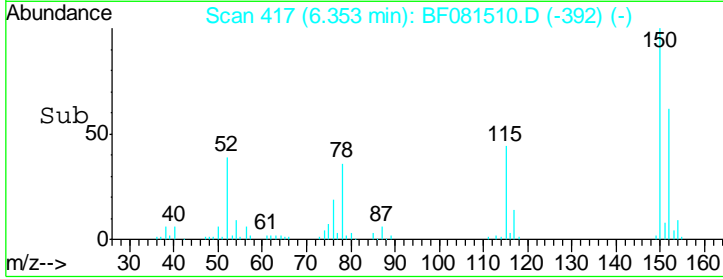
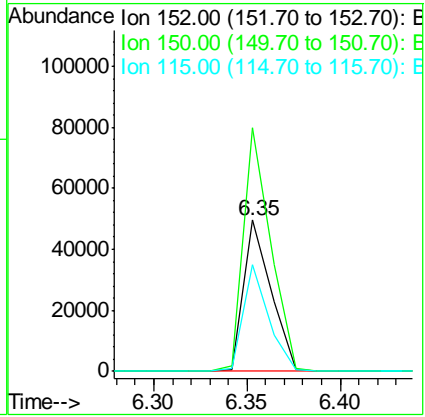
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.35 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
ClientSampled :
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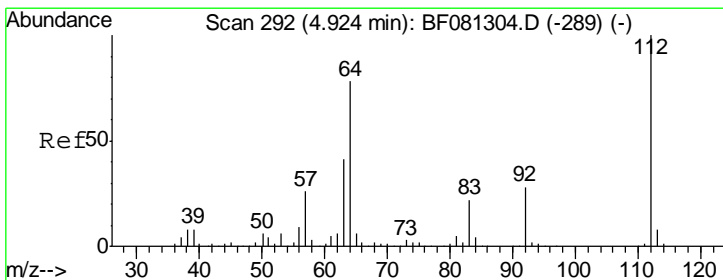


Tgt Ion	Resp	Lower	Upper
152	50301		
152	100		
150	161.4	124.7	187.1
115	70.4	39.0	58.4#

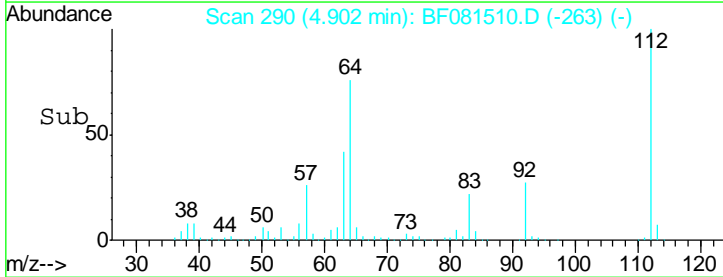
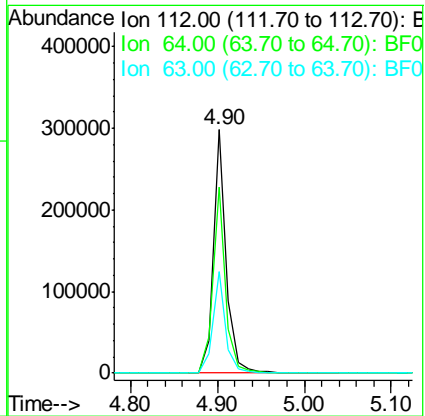
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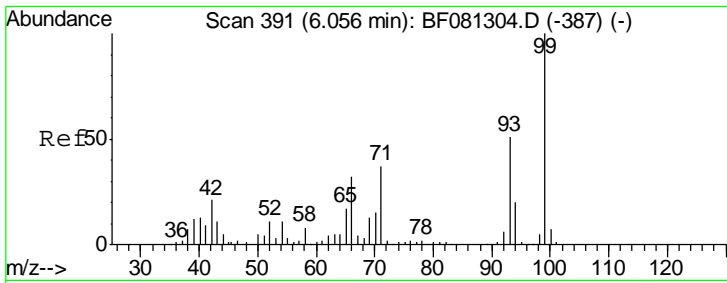


#5
 2-Fluorophenol
 Concen: 95.67 ng
 RT: 4.90 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18



Tgt Ion	Resp	Lower	Upper
112	310176		
112	100		
64	76.4	39.7	59.5#
63	41.6	17.4	26.0#



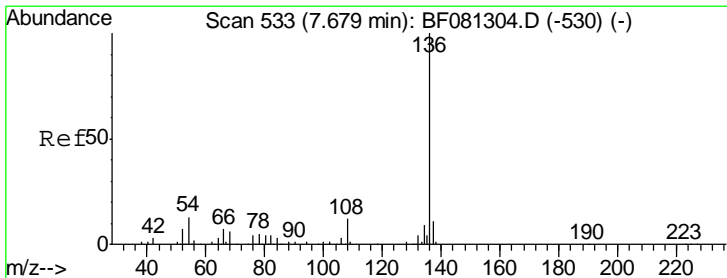
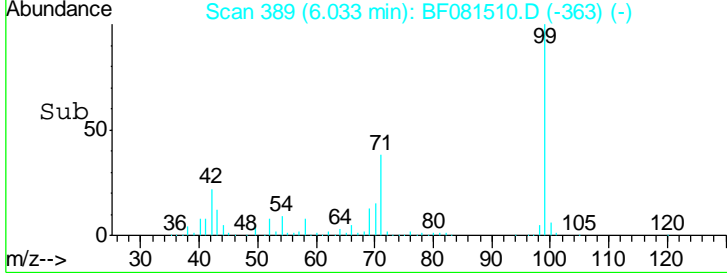
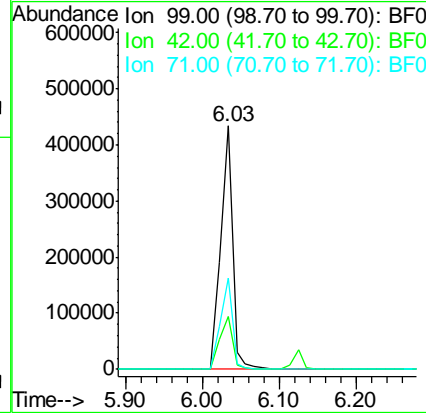
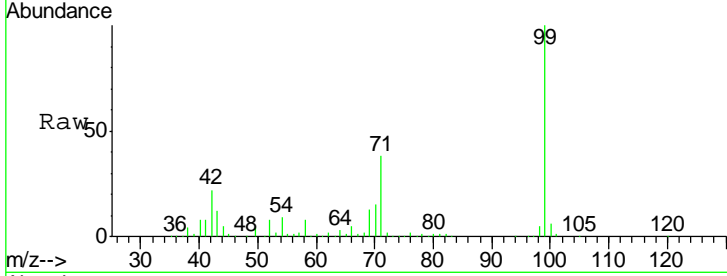


#7
 Phenol-d6
 Concen: 108.79 ng
 RT: 6.03 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
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ClientSampled :
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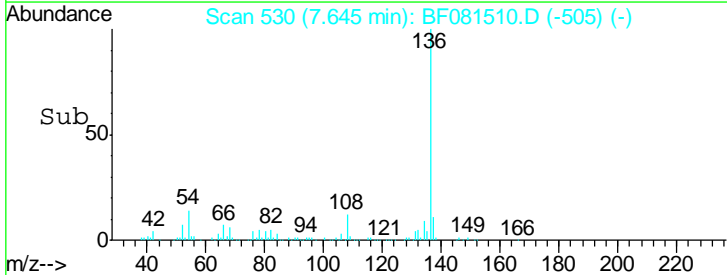
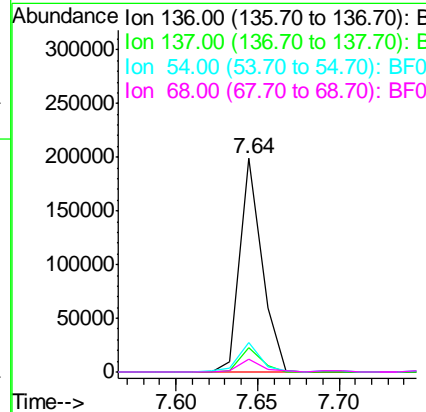
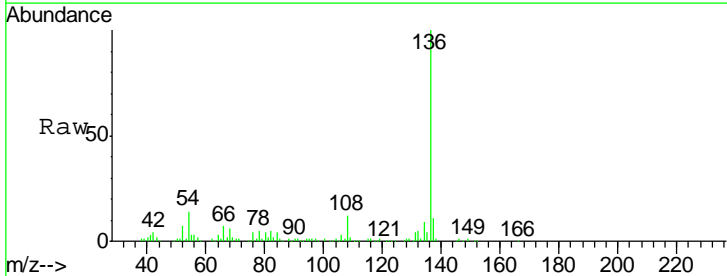
Tgt Ion	Resp	Lower	Upper
99	466878		
99	100		
42	21.8	13.7	20.5#
71	37.7	14.2	21.2#

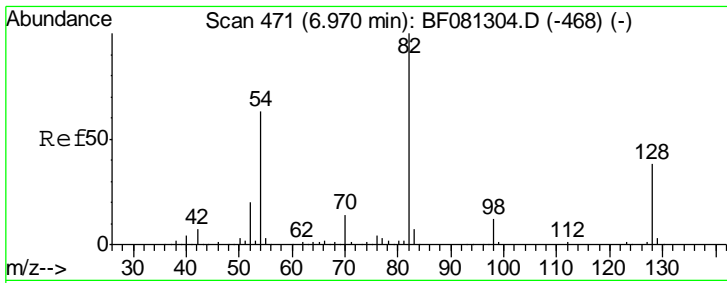
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#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Tgt Ion	Resp	Lower	Upper
136	185908		
136	100		
137	11.3	9.0	13.6
54	13.9	8.2	12.2#
68	5.9	5.8	8.6



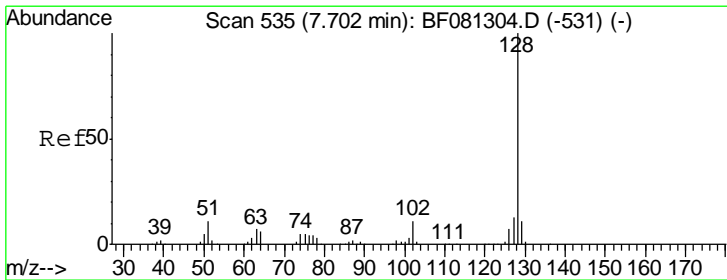
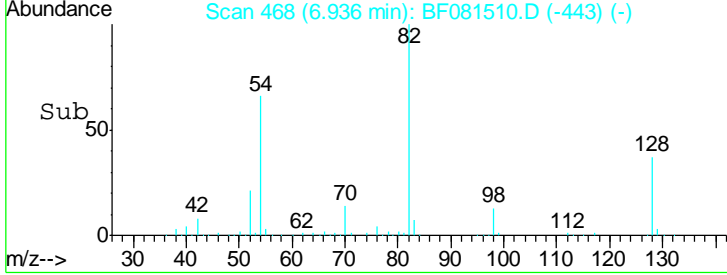
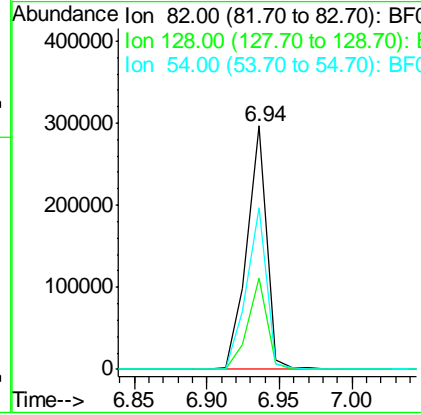
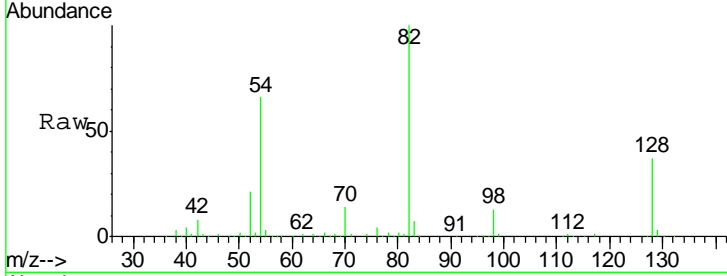


#23
 Nitrobenzene-d5
 Concen: 73.70 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
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 ClientSampled :
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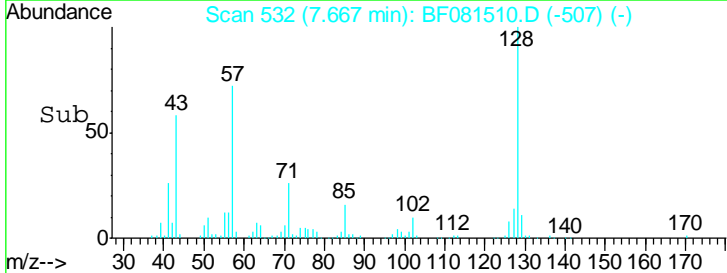
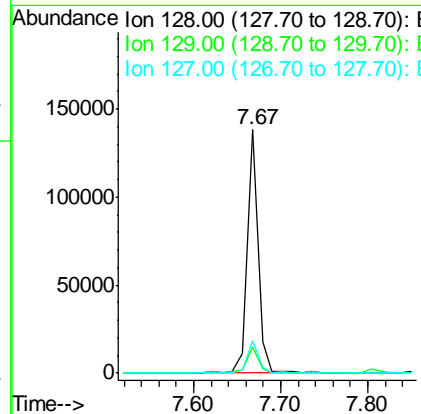
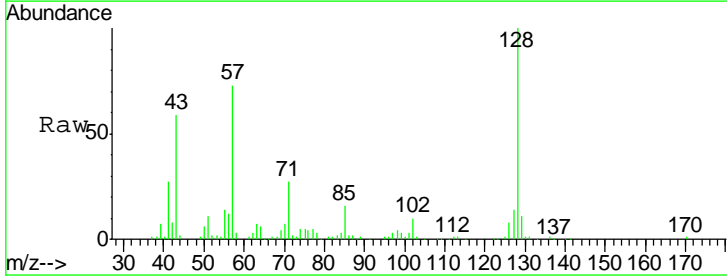
Tgt Ion	Resp	Lower	Upper
82	100		
128	37.5	51.0	76.6#
54	66.3	47.5	71.3

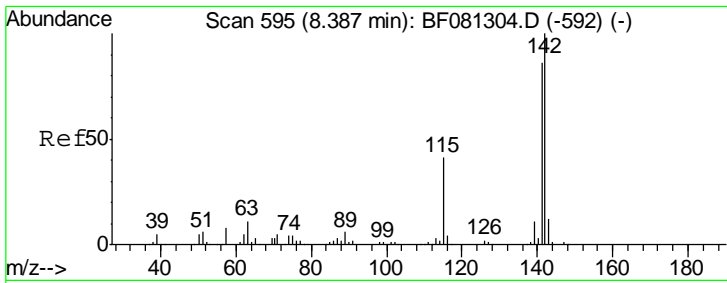
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#31
 Naphthalene
 Concen: 12.08 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Tgt Ion	Resp	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.6	9.9	14.9



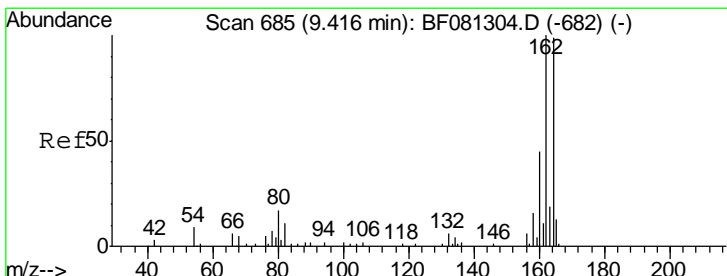
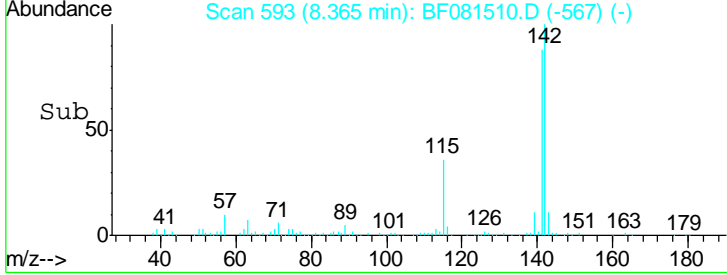
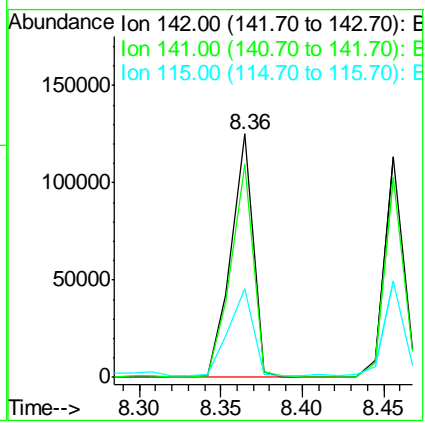
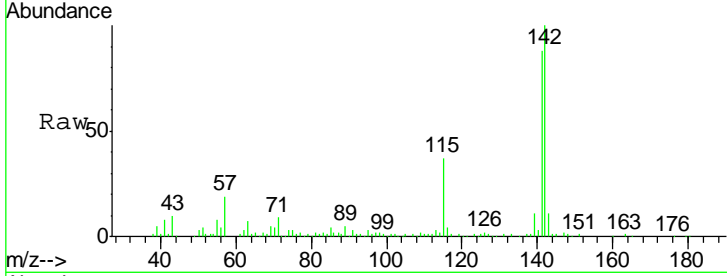


#37
 2-Methylnaphthalene
 Concen: 18.36 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

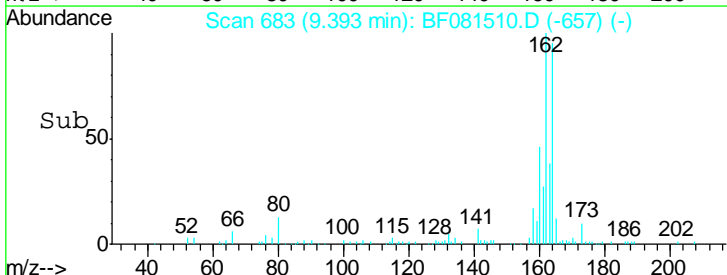
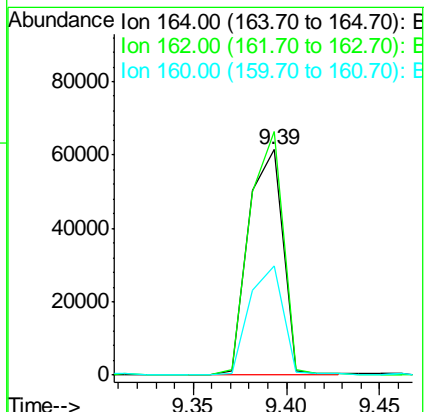
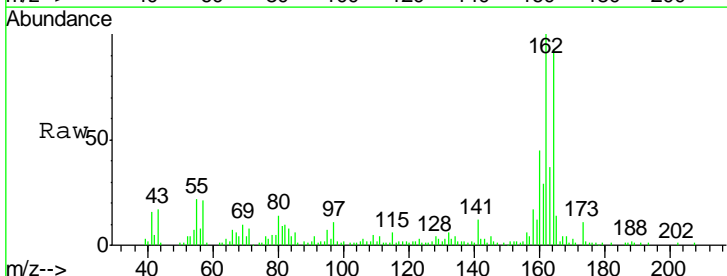
Tgt Ion	Resp	Lower	Upper
142	118465		
141	87.6	67.5	101.3
115	36.7	18.2	27.2#

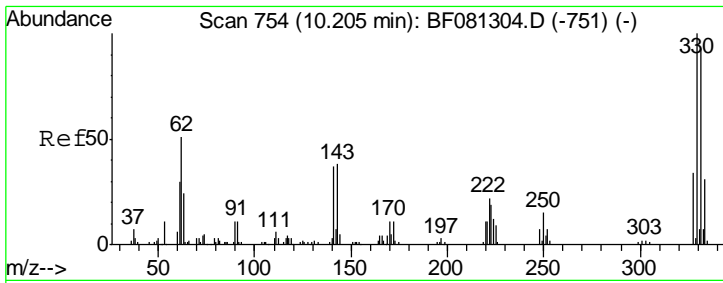
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

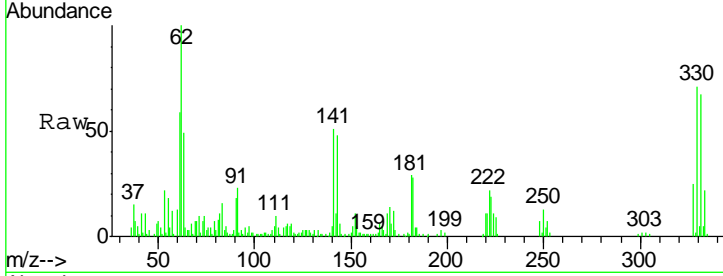
Tgt Ion	Resp	Lower	Upper
164	78807		
162	108.0	75.2	112.8
160	48.4	31.5	47.3#





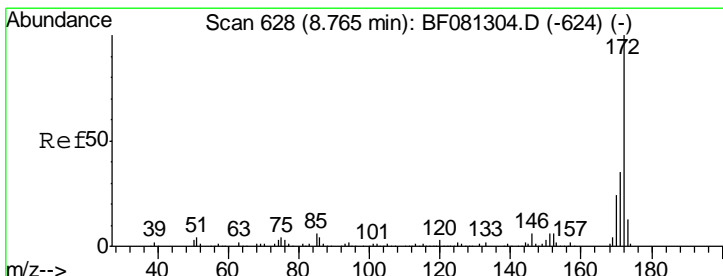
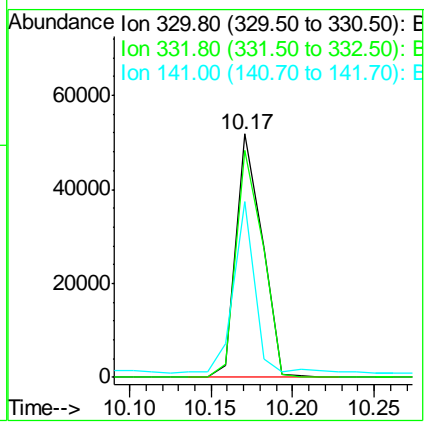
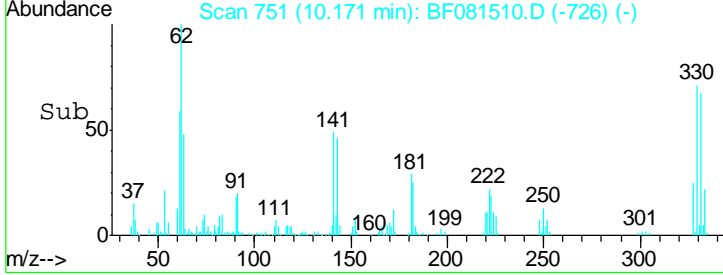
#41
 2,4,6-Tribromophenol
 Concen: 81.37 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
ClientSampled :
 SB003

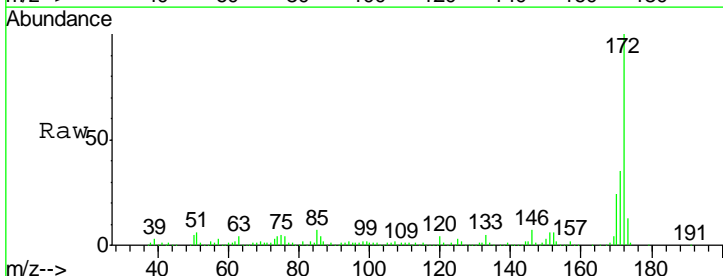


Tgt Ion	Resp	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	59.4	29.7	44.5#

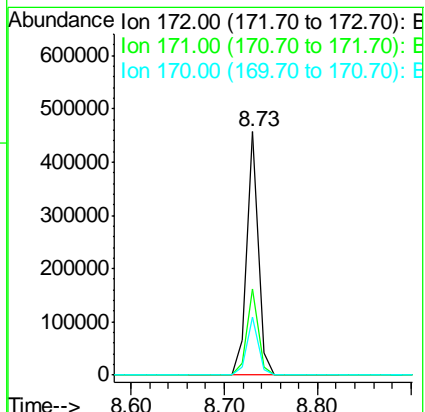
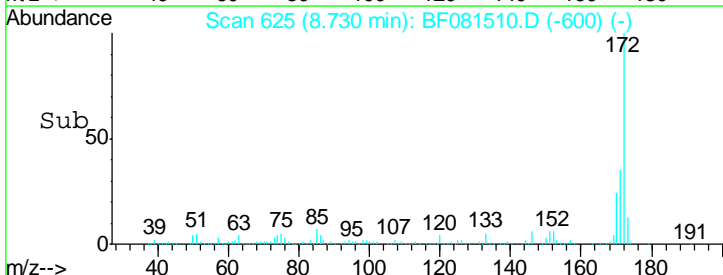
Manual Integrations
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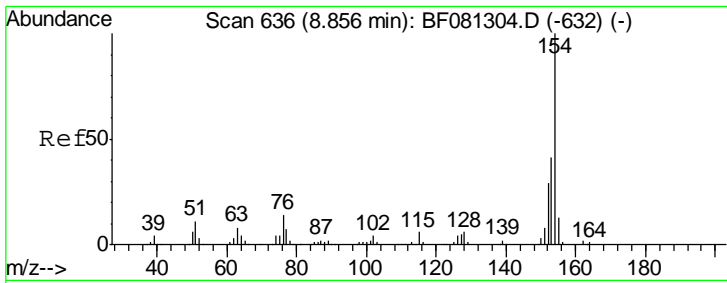


#44
 2-Fluorobiphenyl
 Concen: 63.73 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18



Tgt Ion	Resp	Lower	Upper
172	100		
171	35.2	26.1	39.1
170	24.1	17.4	26.2





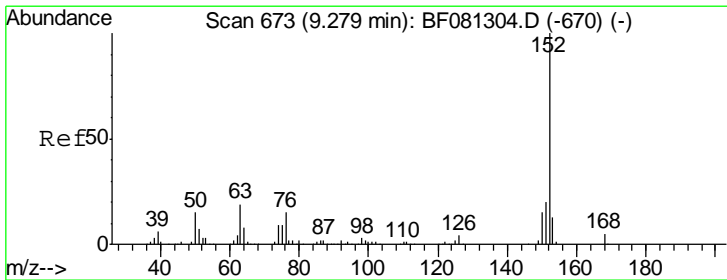
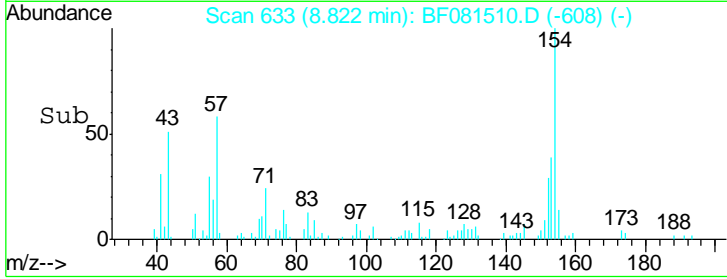
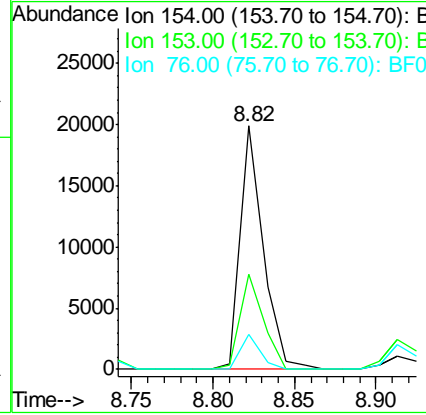
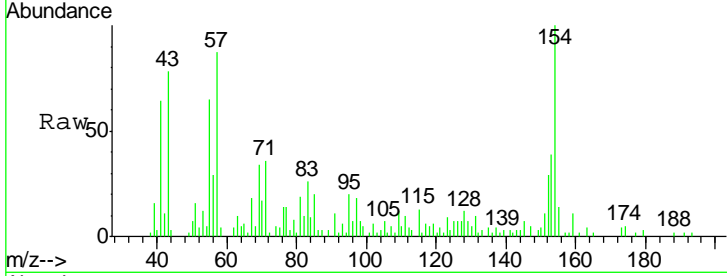
#45
 1,1'-Biphenyl
 Concen: 2.65 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

Tgt Ion	Resp	Lower	Upper
154	19248		
153	38.9	17.1	57.1
76	14.5	0.0	31.6

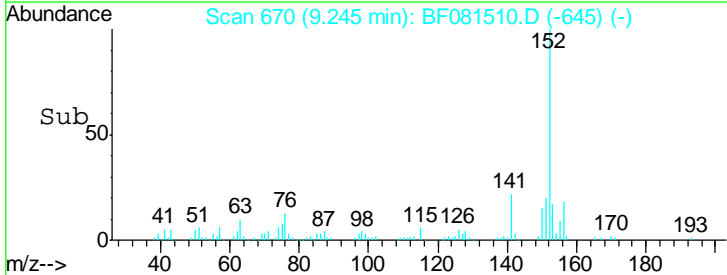
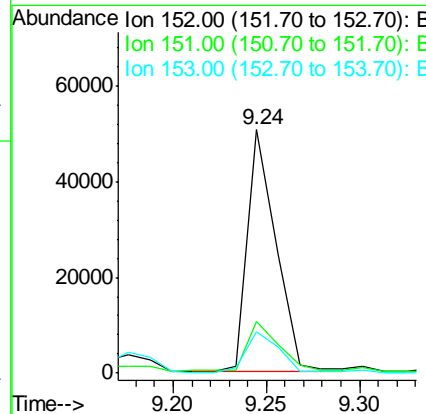
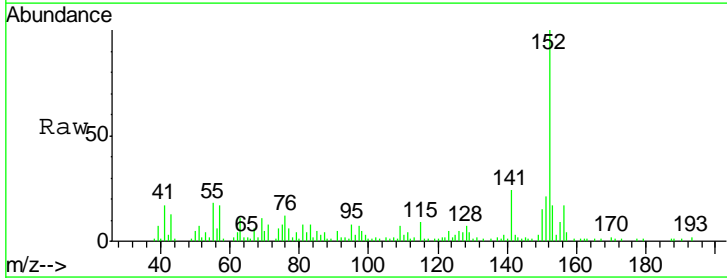
Manual Integrations
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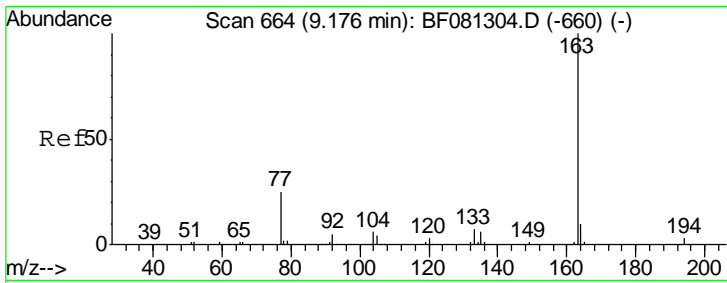
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#48
 Acenaphthylene
 Concen: 5.78 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Tgt Ion	Resp	Lower	Upper
152	53718		
151	21.4	14.6	22.0
153	16.9	10.3	15.5#



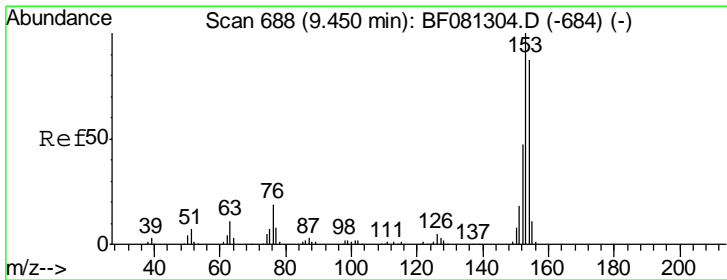
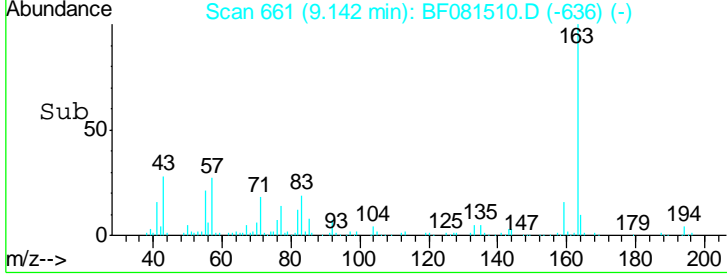
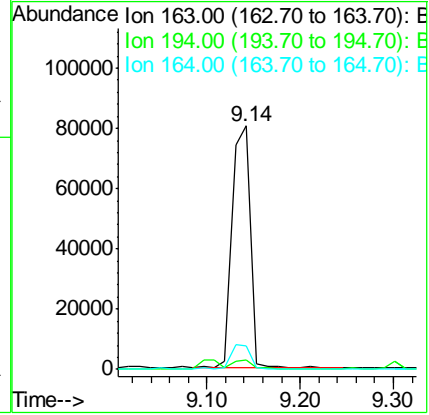
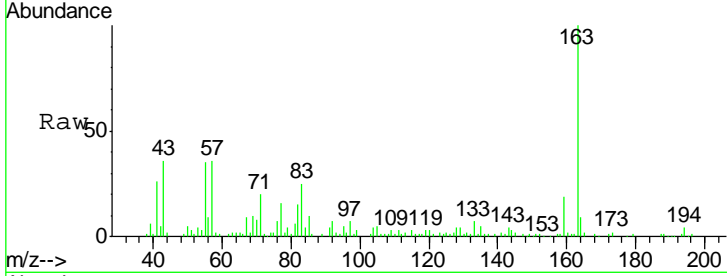


#49
 Dimethylphthalate
 Concen: 18.10 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
ClientSampled :
 SB003

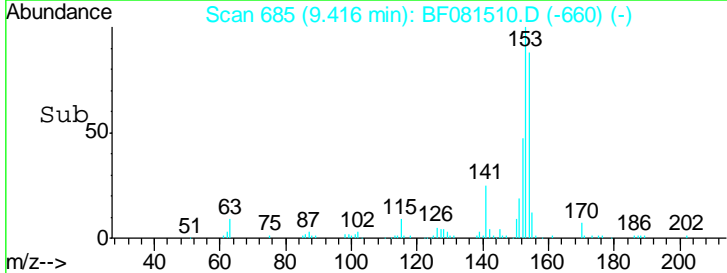
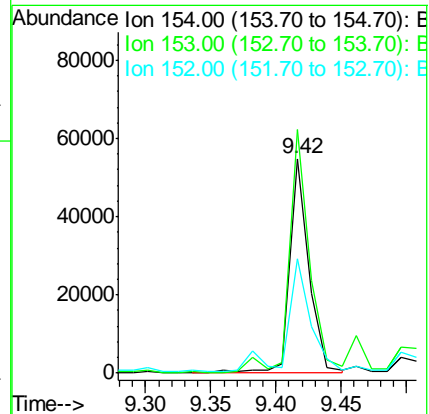
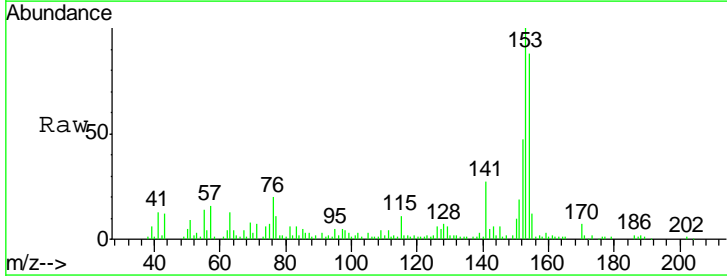
Tgt Ion	Resp	Lower	Upper
163	110820		
194	3.6	4.4	6.6#
164	9.5	8.3	12.5

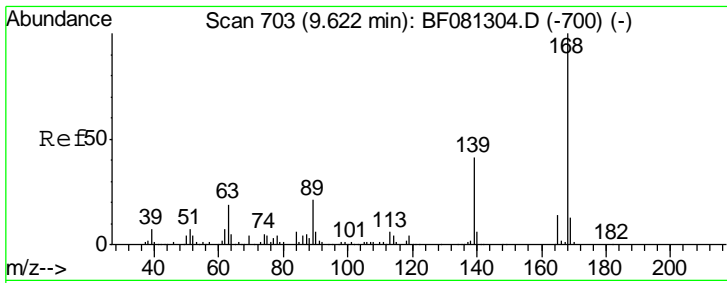
Manual Integrations
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#51
 Acenaphthene
 Concen: 10.72 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

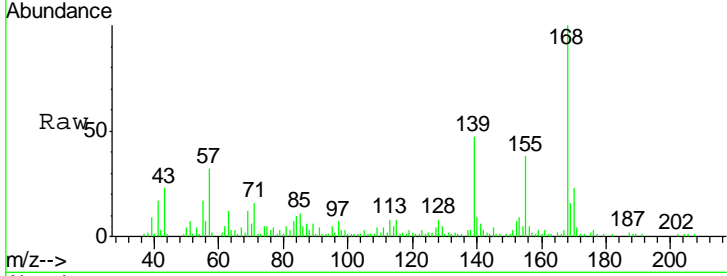
Tgt Ion	Resp	Lower	Upper
154	56664		
153	113.4	82.1	123.1
152	53.4	37.9	56.9





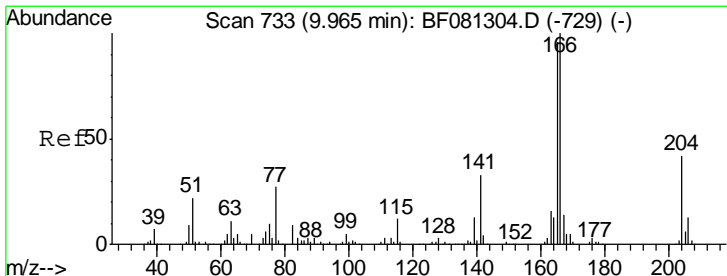
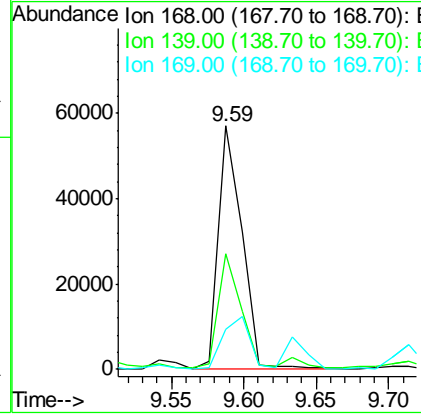
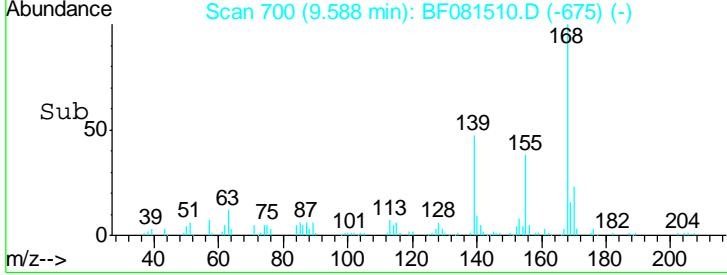
#54
 Dibenzofuran
 Concen: 8.38 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

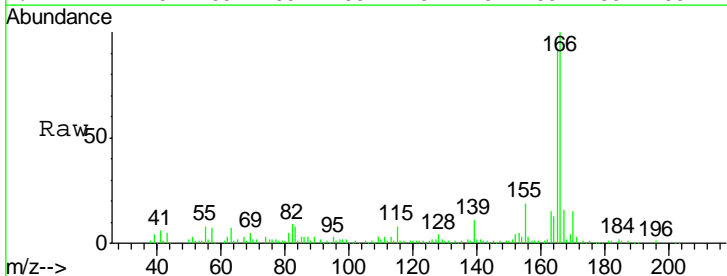


Tgt Ion	Resp	Lower	Upper
168	100		
139	47.4	24.2	36.2#
169	16.4	10.6	15.8#

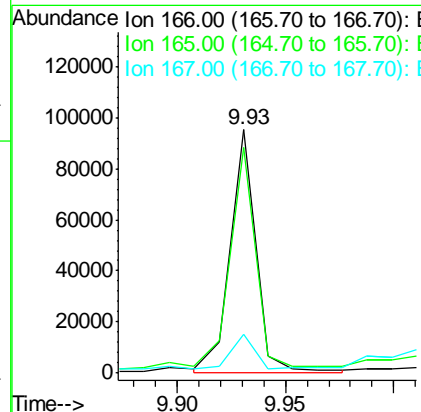
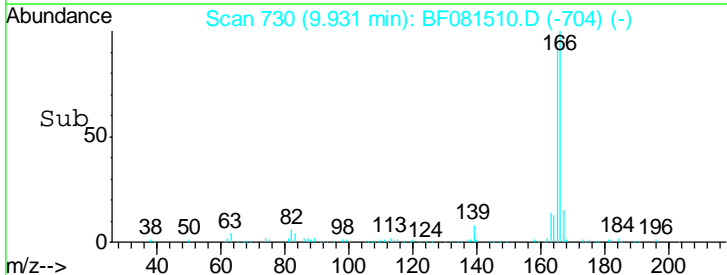
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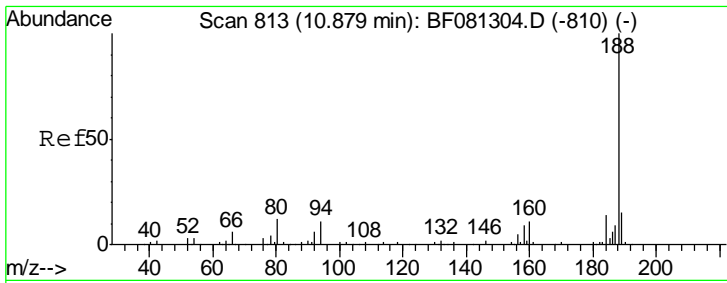


#57
 Fluorene
 Concen: 13.61 ng m
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18



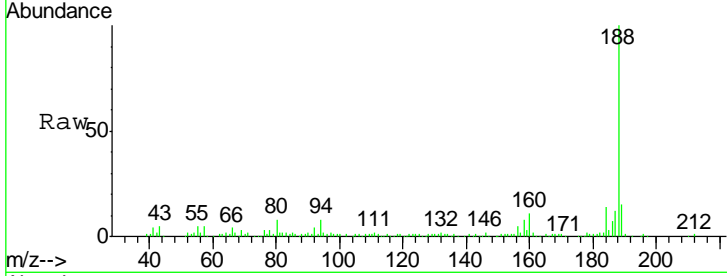
Tgt Ion	Resp	Lower	Upper
166	100		
165	92.5	72.6	109.0
167	15.9	10.6	16.0





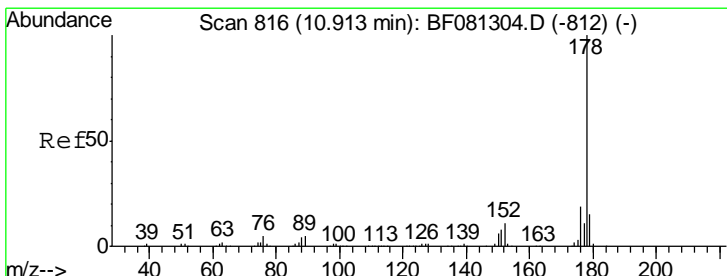
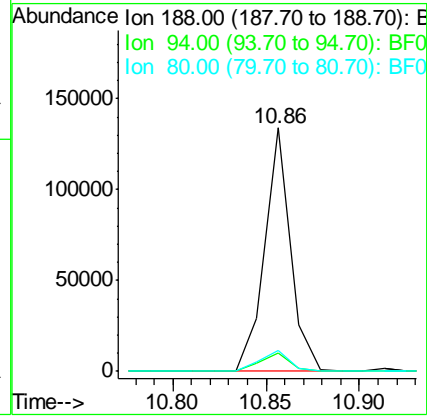
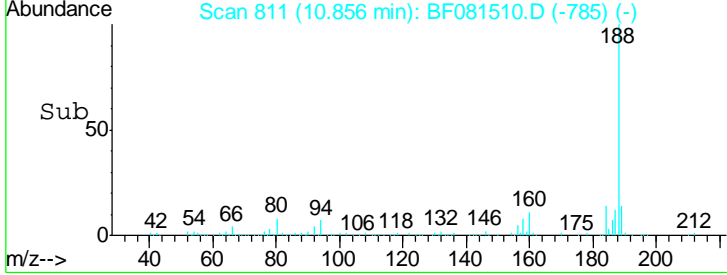
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

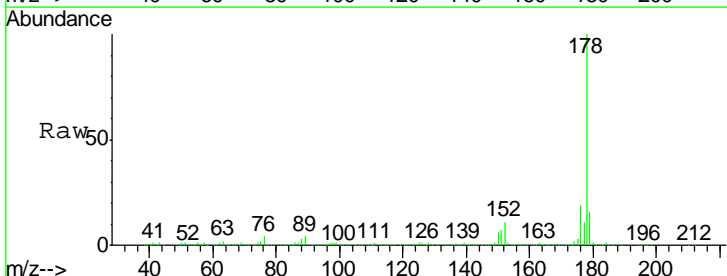


Tgt Ion	Resp	Lower	Upper
188	100		
94	7.7	11.1	16.7#
80	8.5	11.0	16.4#

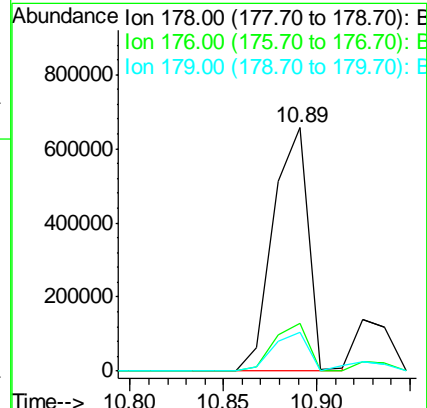
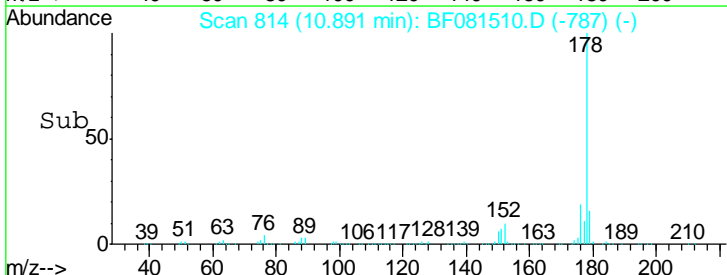
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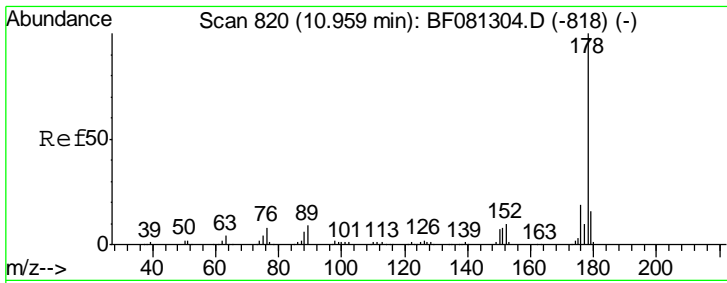


#70
 Phenanthrene
 Concen: 117.66 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18



Tgt Ion	Resp	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	15.8	12.2	18.2



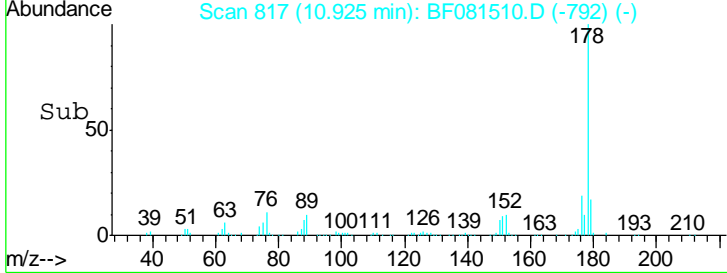
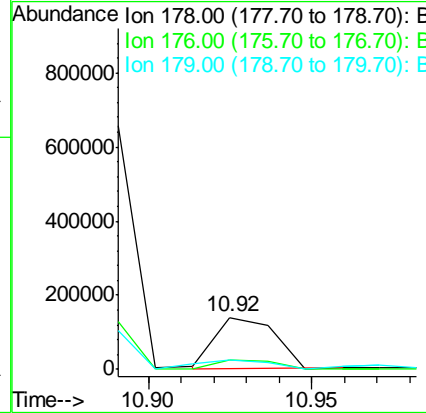
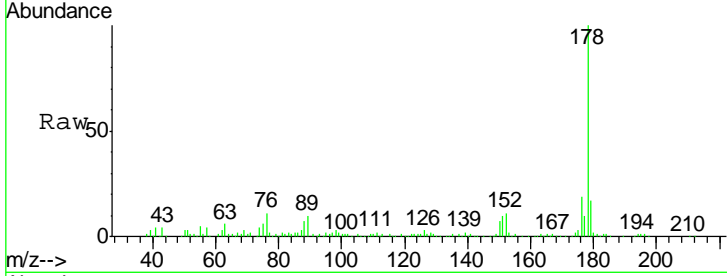


#71
 Anthracene
 Concen: 23.45 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

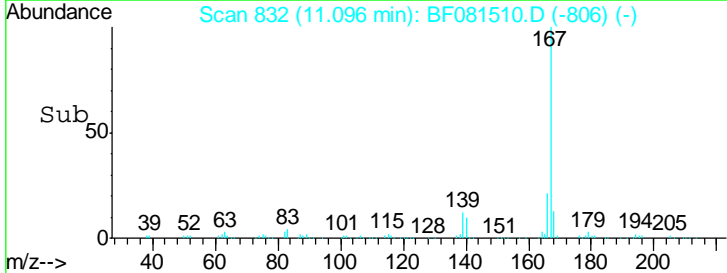
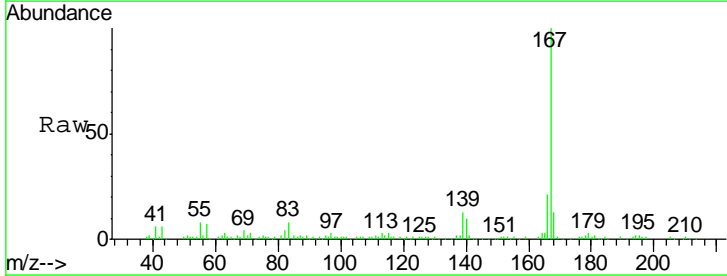
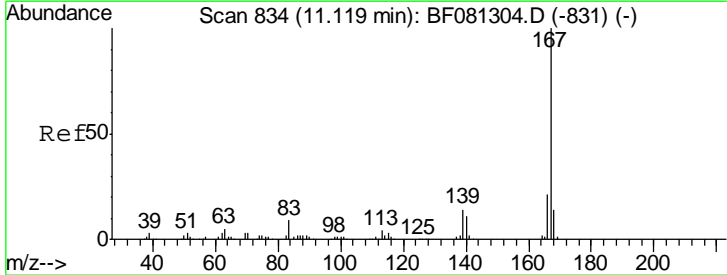
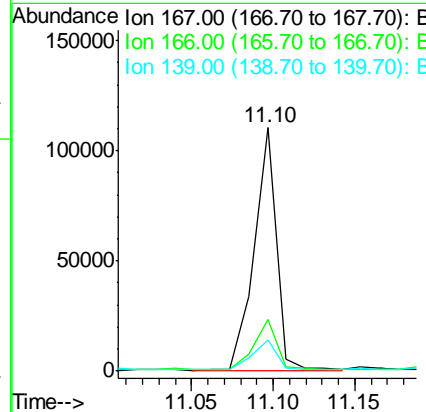
Tgt Ion	Resp	Lower	Upper
178	174872		
176	19.2	14.1	21.1
179	17.5	12.2	18.2

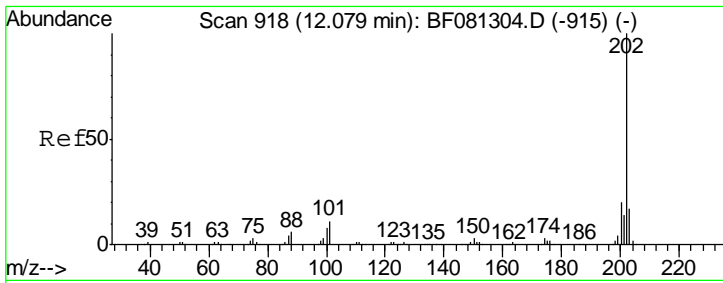
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#72
 Carbazole
 Concen: 14.74 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Tgt Ion	Resp	Lower	Upper
167	103182		
166	21.4	15.7	23.5
139	12.9	9.5	14.3



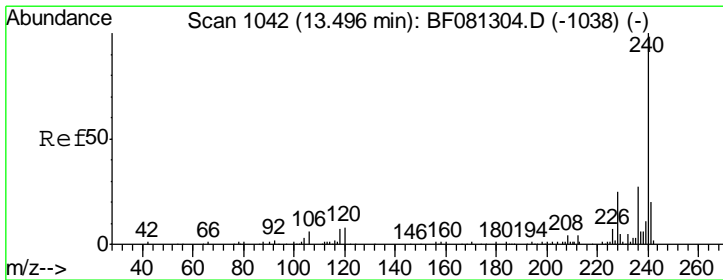
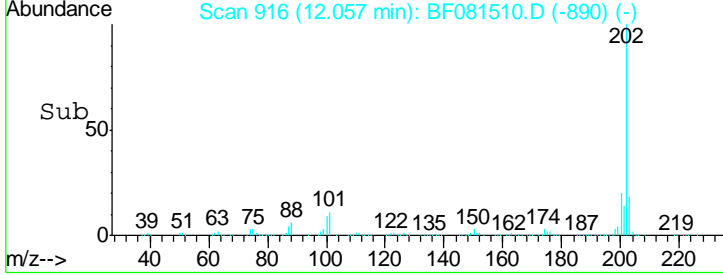
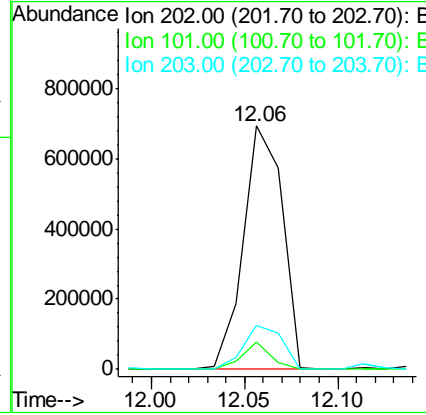
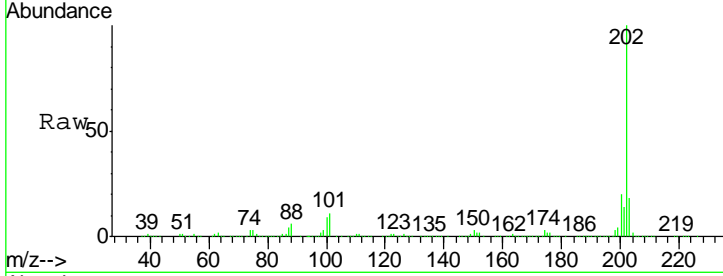


#74
 Fluoranthene
 Concen: 128.01 ng
 RT: 12.06 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

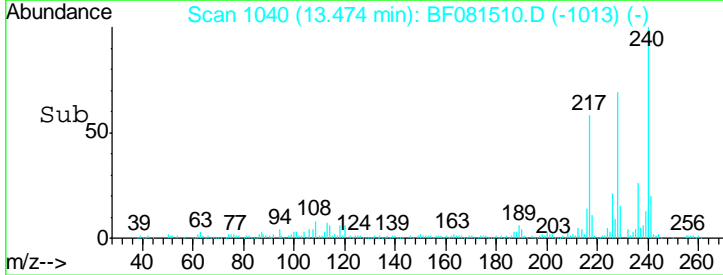
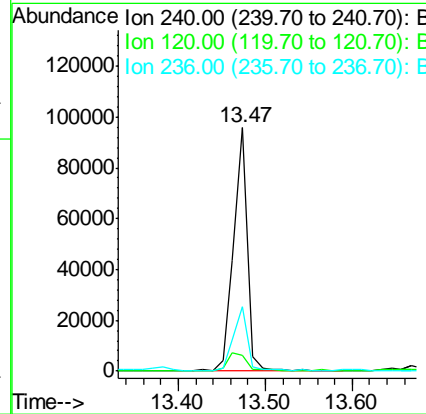
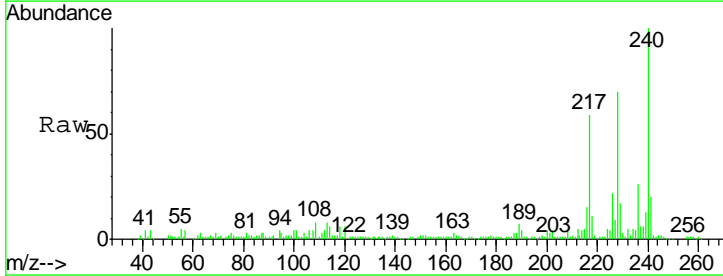
Tgt Ion	Resp	Lower	Upper
202	1005983		
202	100		
101	11.2	0.0	38.3
203	17.9	0.0	37.3

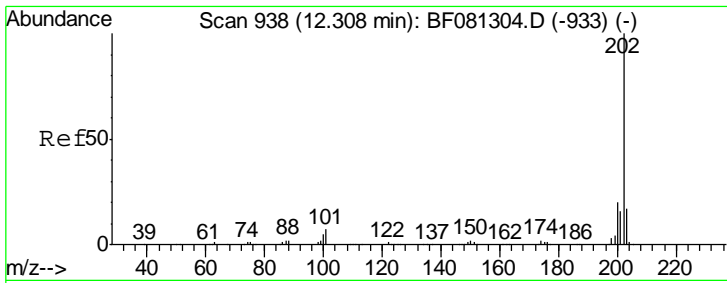
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Tgt Ion	Resp	Lower	Upper
240	105417		
240	100		
120	6.3	16.2	24.2#
236	26.5	18.4	27.6



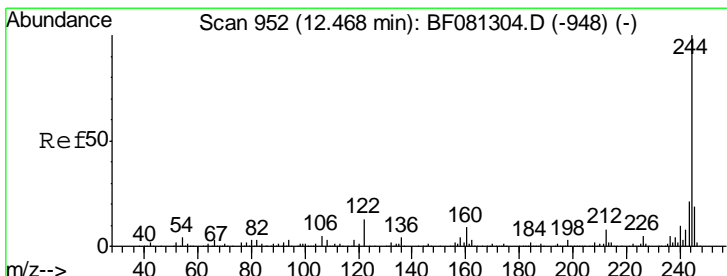
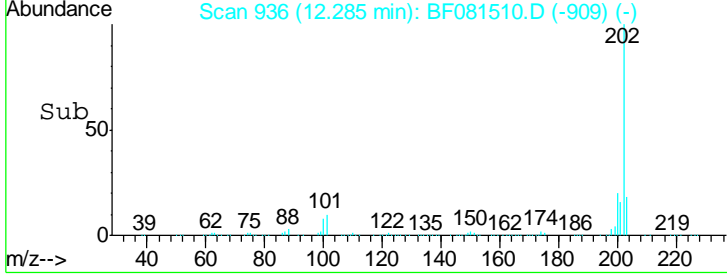
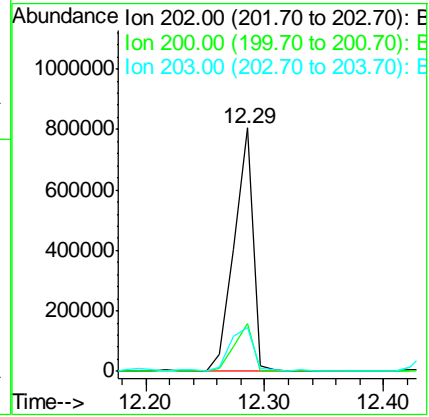
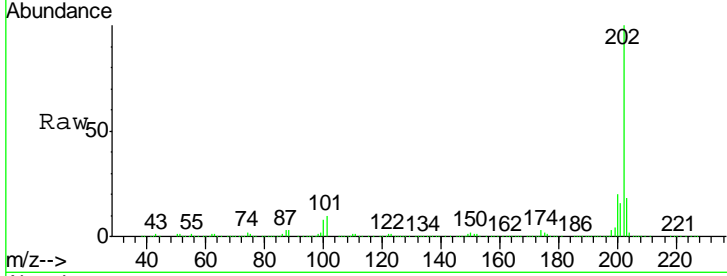


#77
 Pyrene
 Concen: 113.20 ng
 RT: 12.29 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

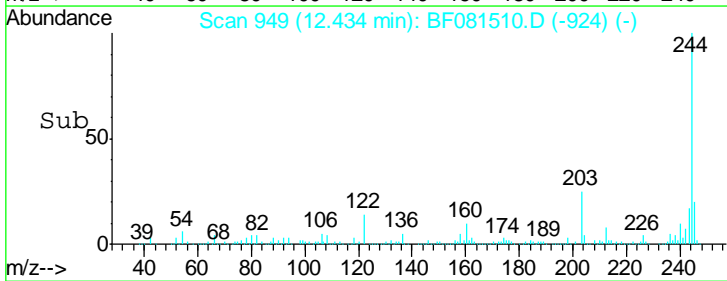
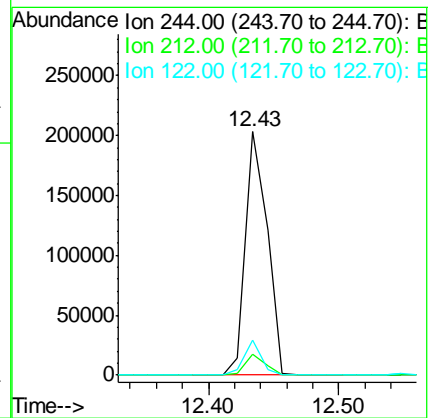
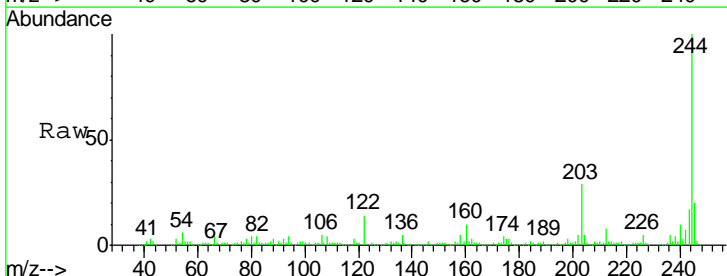
Tgt Ion	Resp	Lower	Upper
202	100		
200	19.8	15.0	22.4
203	18.2	14.1	21.1

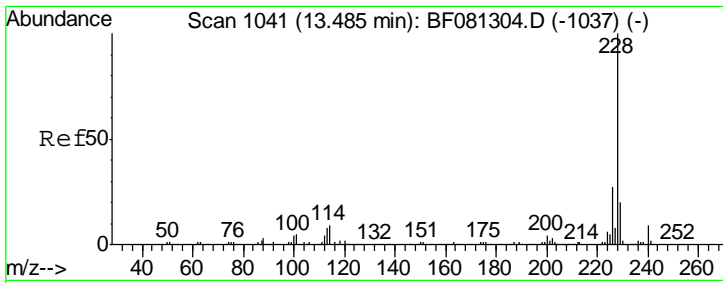
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#78
 Terphenyl-d14
 Concen: 51.60 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Tgt Ion	Resp	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	14.4	17.4	26.2#



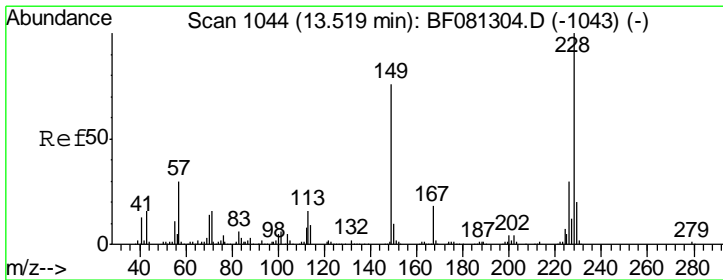
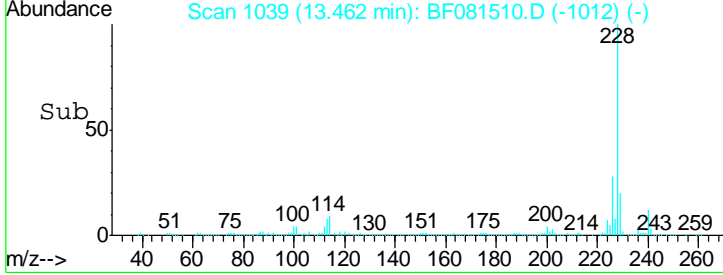
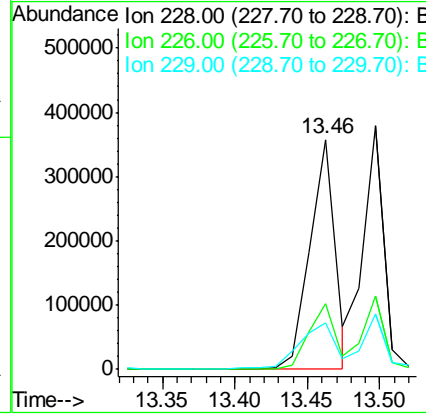
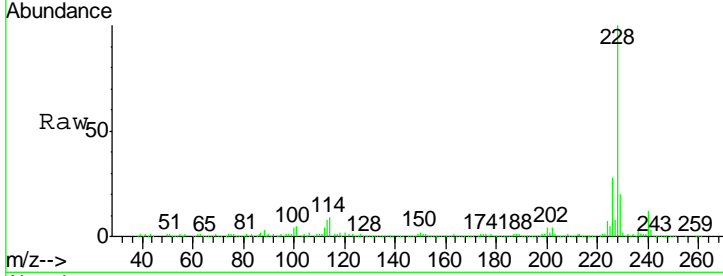


#80
 Benzo(a)anthracene
 Concen: 64.55 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

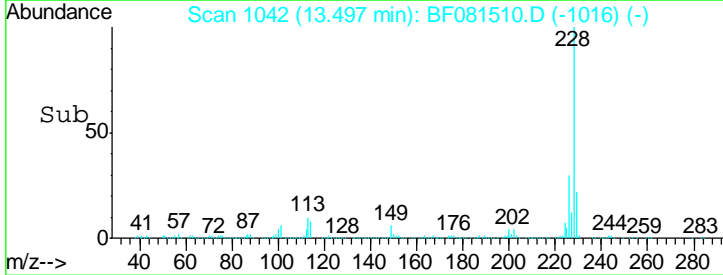
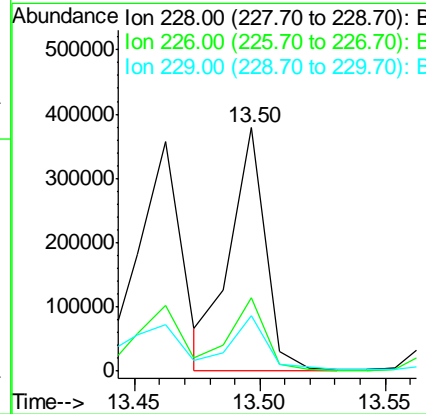
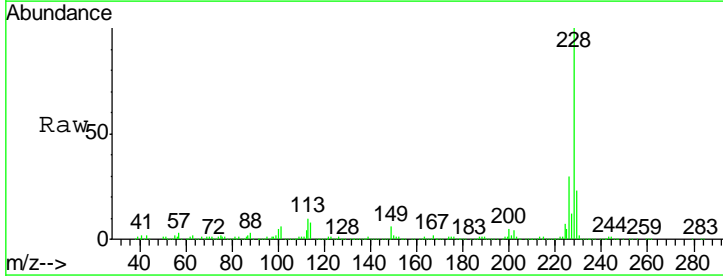
Tgt Ion	Resp	Lower	Upper
228	100		
226	28.4	20.0	30.0
229	20.3	15.4	23.2

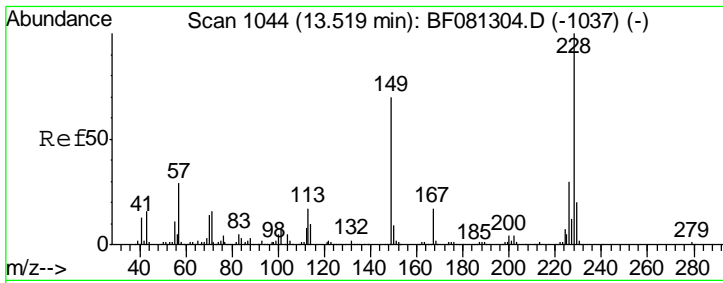
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#82
 Chrysene
 Concen: 61.82 ng m
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.3	21.0	31.4
229	22.9	15.6	23.4



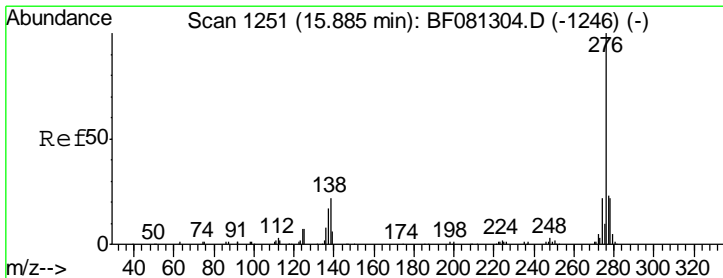
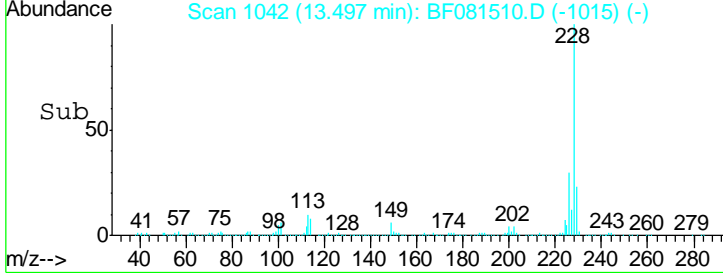
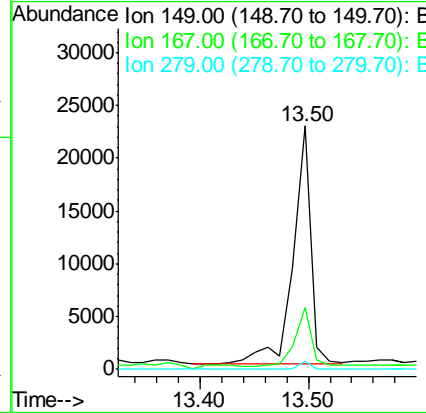
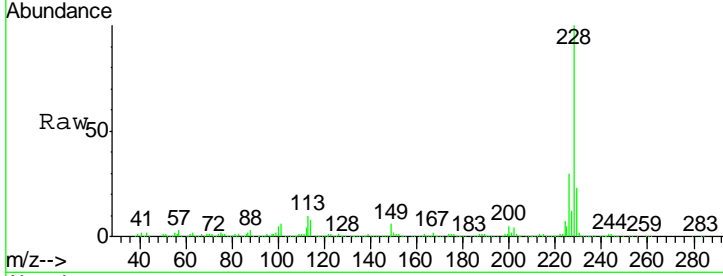


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.69 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

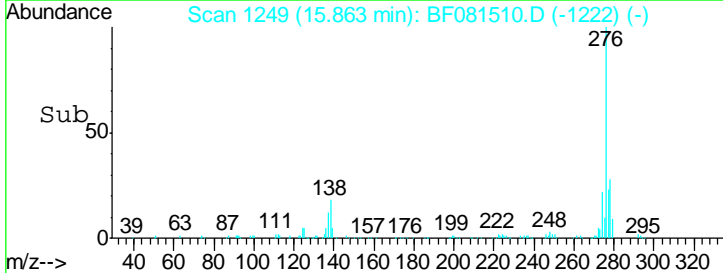
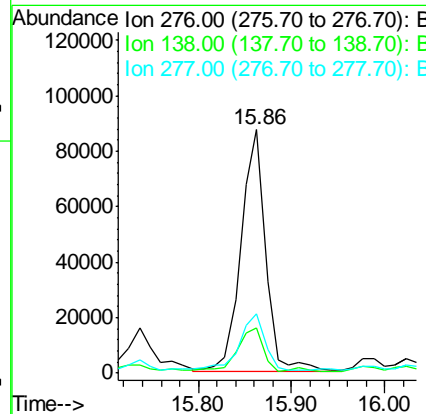
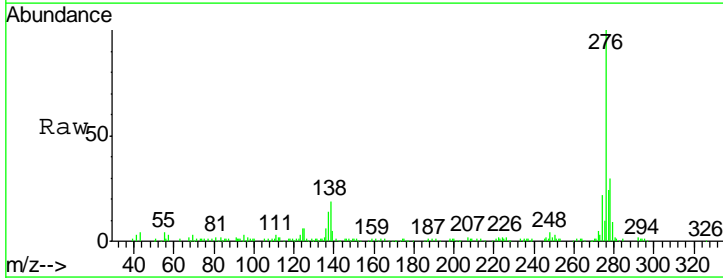
Tgt Ion	Resp	Lower	Upper
149	100		
167	25.4	24.2	36.2
279	3.4	3.8	5.6#

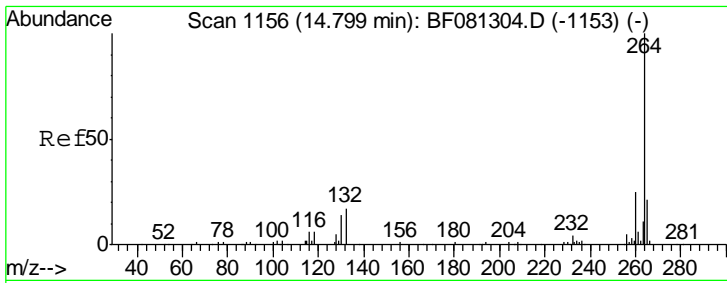
Manual Integrations
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.49 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

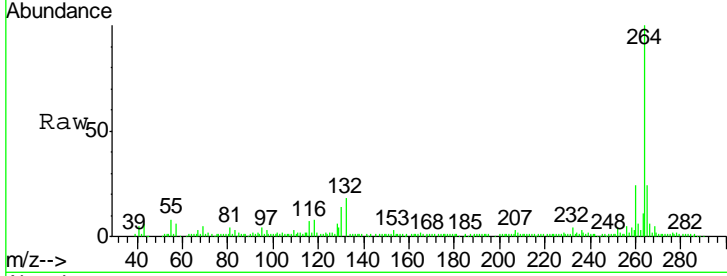
Tgt Ion	Resp	Lower	Upper
276	100		
138	19.2	25.7	38.5#
277	25.5	15.6	23.4#





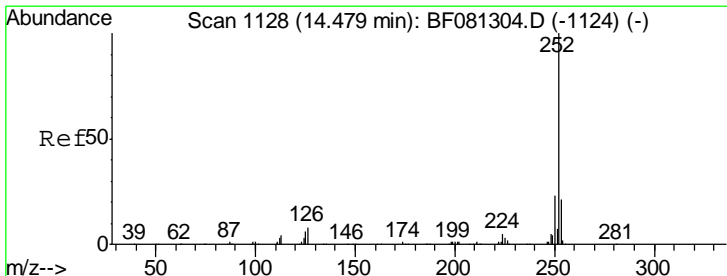
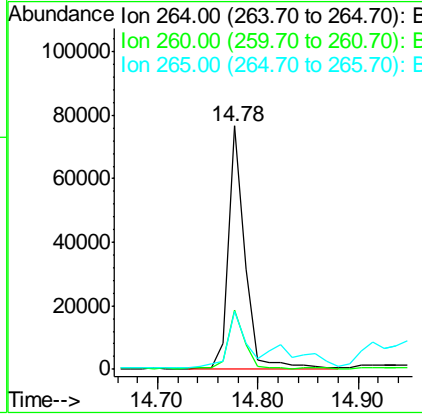
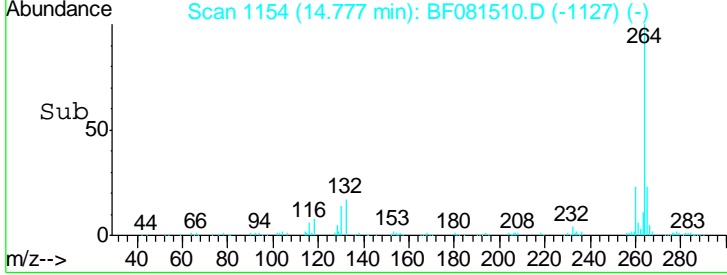
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

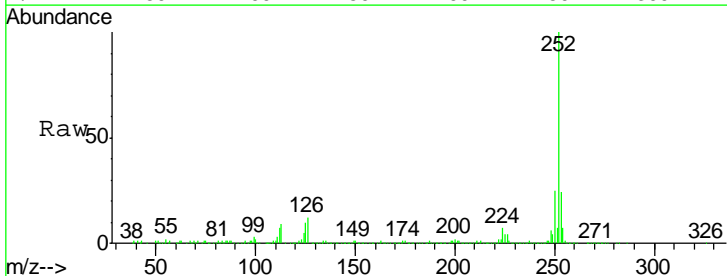


Tgt Ion	Resp	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	24.0	17.2	25.8

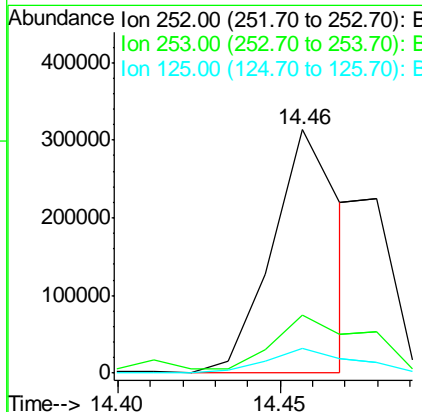
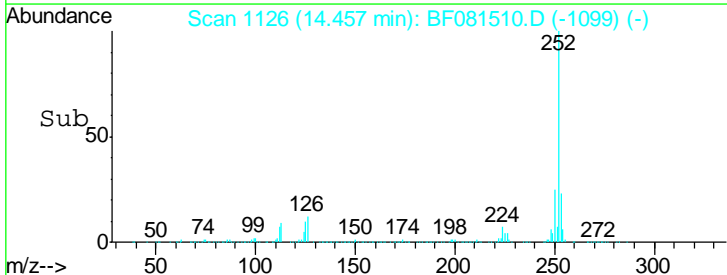
Manual Integrations
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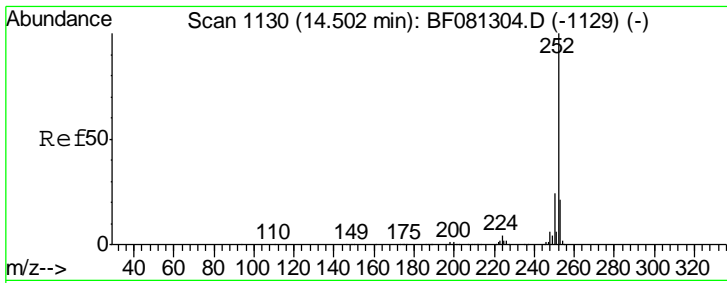


#87
 Benzo(b)fluoranthene
 Concen: 73.11 ng m
 RT: 14.46 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18



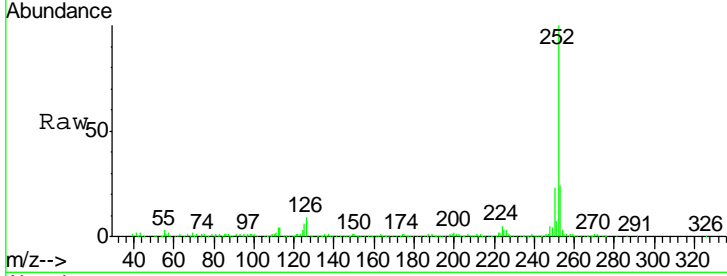
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	10.0	17.1	25.7#





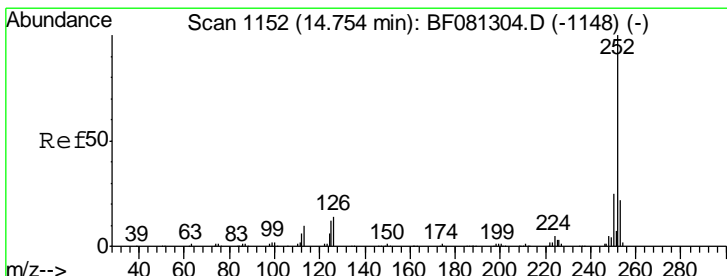
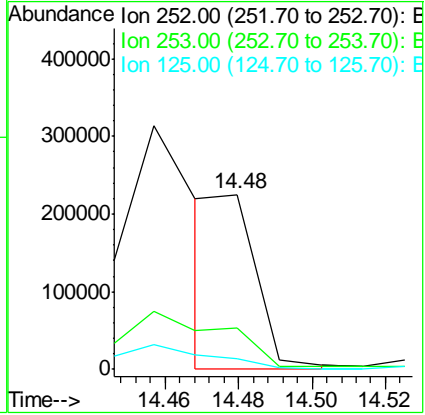
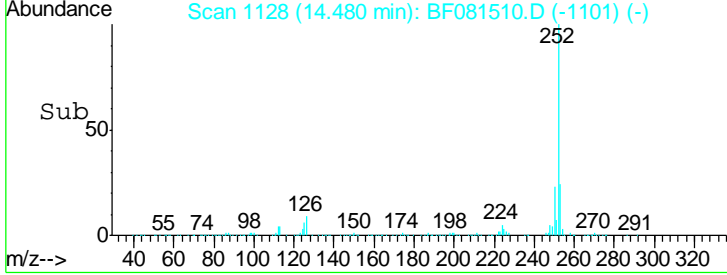
#88
 Benzo(k)fluoranthene
 Concen: 31.64 ng m
 RT: 14.48 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

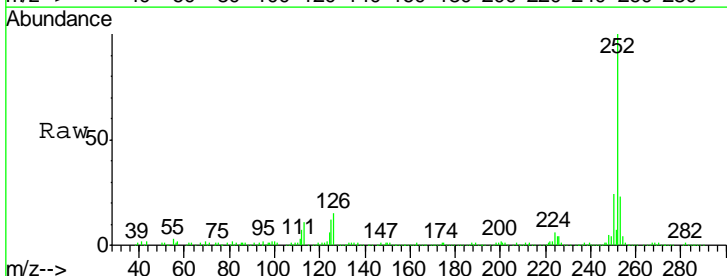


Tgt Ion	Resp	Lower	Upper
252	100		
253	24.0	17.0	25.4
125	6.3	16.0	24.0#

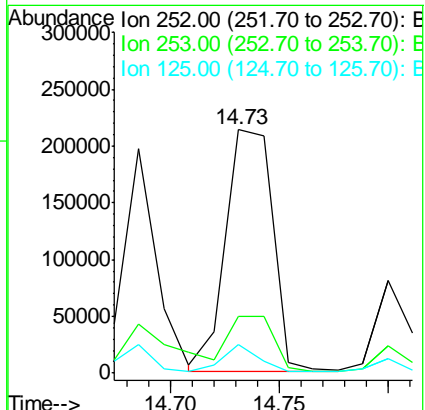
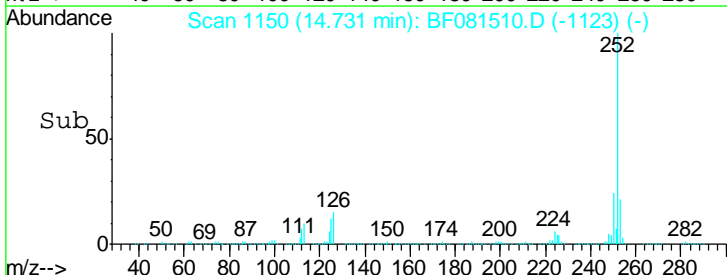
Manual Integrations
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 MMDadoda
 9/8/2015 3:58:32 PM

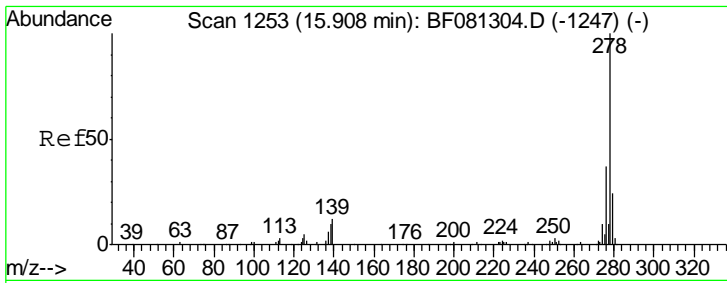


#89
 Benzo(a)pyrene
 Concen: 59.82 ng
 RT: 14.73 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18



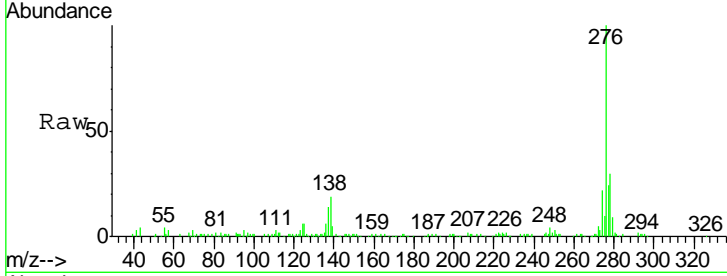
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	11.9	18.0	27.0#





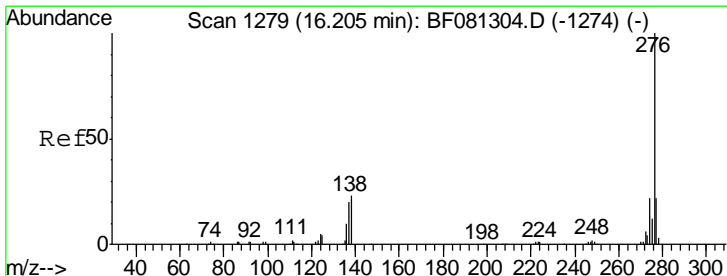
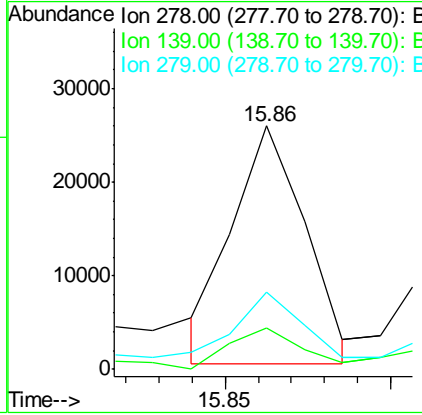
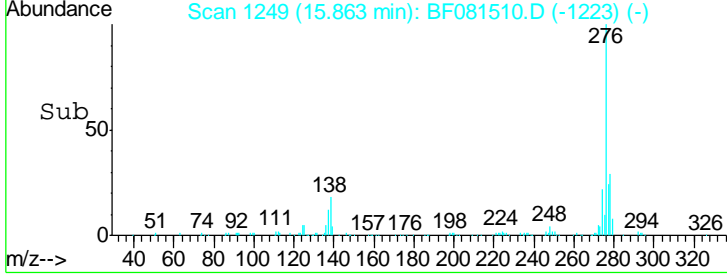
#90
 Dibenzo(a,h)anthracene
 Concen: 9.42 ng m
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18

Instrument :
 BNA_F
 ClientSampled :
 SB003

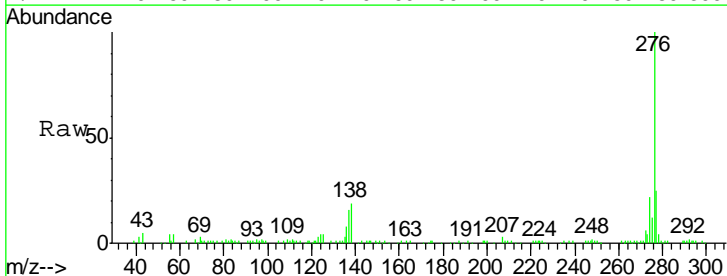


Tgt Ion	Resp	Lower	Upper
278	39132		
278	100		
139	16.8	26.3	39.5#
279	31.7	18.2	27.4#

Manual Integrations
 APPROVED
 MMDadoda
 9/8/2015 3:58:32 PM



#91
 Benzo(g,h,i)perylene
 Concen: 34.10 ng
 RT: 16.18 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF081510.D
 Acq: 6 Sep 2015 15:18



Tgt Ion	Resp	Lower	Upper
276	135166		
276	100		
277	24.5	17.8	26.6
138	18.7	34.6	51.8#

