

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080931.D
 Acq On : 7 Aug 2015 17:23
 Operator : TP/UM
 Sample : G3083-14DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:21:01 PM

Quant Time: Aug 08 05:47:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	75783	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	290764	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	159431	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	316124	20.00	ng	0.00
75) Chrysene-d12	13.95	240	260803	20.00	ng	-0.01
86) Perylene-d12	15.36	264	226886	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.37	82	73978	12.03	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.17	172	127001	11.21	ng	0.00
78) Terphenyl-d14	12.90	244	181917	14.41	ng	-0.01

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	6.74	146	17243m	3.03	ng	
14) 1,2-Dichlorobenzene	6.98	146	21577	4.03	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	45772	4.04	ng	97
18) Hexachloroethane	7.32	117	18717	8.25	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	21448	4.62	ng	# 90
24) Nitrobenzene	7.39	77	100272	15.84	ng	# 81
25) Isophorone	7.63	82	66853	5.66	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	145941	20.56	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	70306	15.70	ng	93
31) Naphthalene	8.11	128	160766	10.03	ng	99
34) Hexachlorobutadiene	8.24	225	17738	6.66	ng	98
40) Hexachlorocyclopentadiene	8.96	237	23012	8.58	ng	98
48) Acenaphthylene	9.70	152	313329	16.89	ng	99
49) Dimethylphthalate	9.56	163	178999	13.52	ng	100
50) 2,6-Dinitrotoluene	9.63	165	23697	8.66	ng	# 63
51) Acenaphthene	9.88	154	175690	15.47	ng	99
54) Dibenzofuran	10.04	168	148197	9.65	ng	96
57) Fluorene	10.38	166	97384	8.20	ng	99
60) 4-Chlorophenyl-phenylether	10.38	204	113608	19.62	ng	93
65) n-Nitrosodiphenylamine	10.50	169	105005	9.56	ng	99
71) Anthracene	11.40	178	351714	19.85	ng	98
73) Di-n-butylphthalate	11.89	149	141178	6.54	ng	# 97
77) Pyrene	12.75	202	152284	7.90	ng	99
79) Butylbenzylphthalate	13.38	149	187203	20.16	ng	# 62
80) Benzo(a)anthracene	13.94	228	259181	15.73	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	29103	4.86	ng	# 96
82) Chrysene	13.99	228	396656	25.15	ng	99
84) Di-n-octyl phthalate	14.56	149	536281	24.48	ng	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	208654	13.90	ng	95
87) Benzo(b)fluoranthene	14.96	252	151368m	9.59	ng	
88) Benzo(k)fluoranthene	14.98	252	246483m	17.86	ng	
89) Benzo(a)pyrene	15.30	252	314699	23.21	ng	# 96
90) Dibenzo(a,h)anthracene	16.73	278	277543	23.14	ng	98

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8536DL

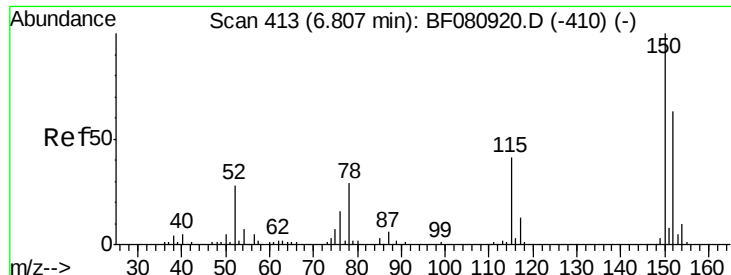
Manual Integrations
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8/10/2015 7:21:01 PM

Quant Time: Aug 08 05:47:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

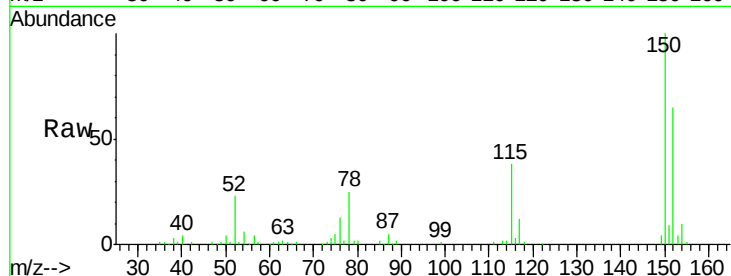
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.4	191.2
115	58.1	52.6	78.8

Manual Integrations
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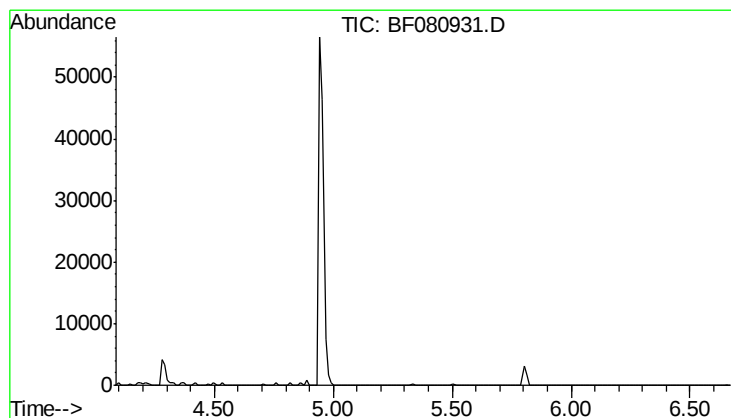
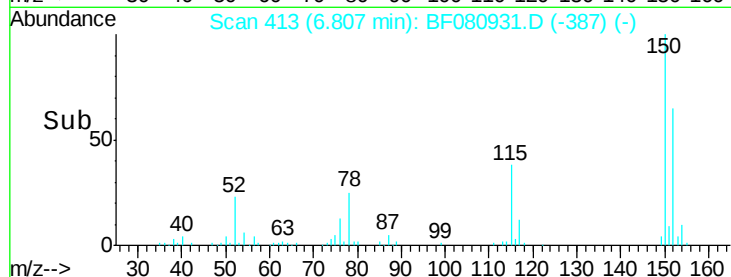
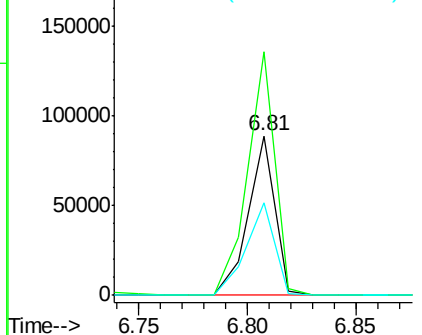


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

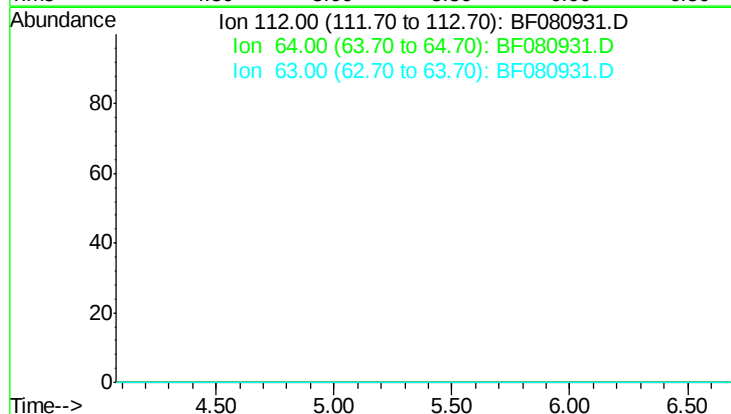


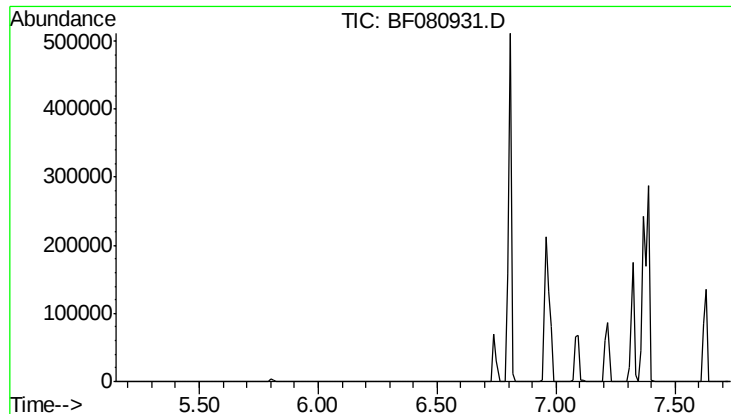
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.38 min

Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Exp Ratio
112	100
64	82.6
63	43.3





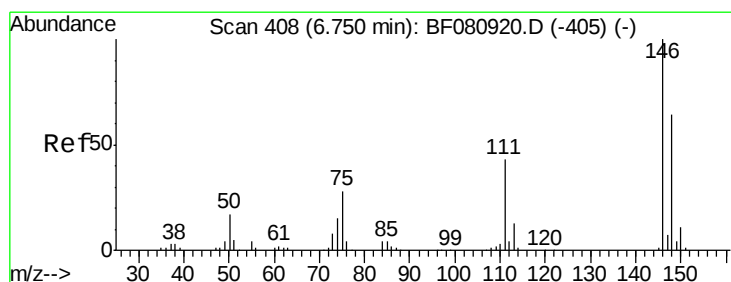
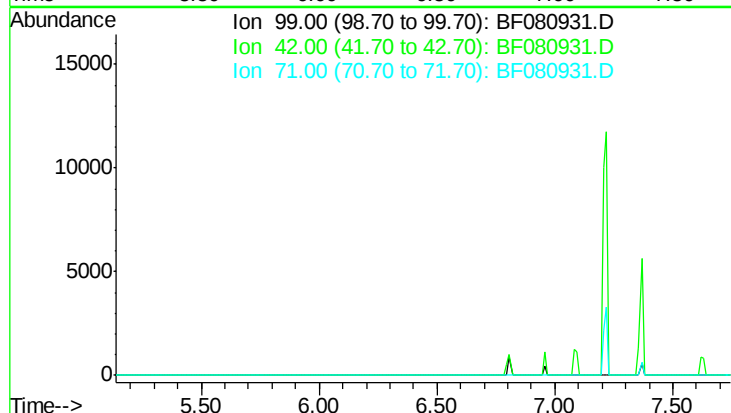
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.44 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

Tot Ion	99
Sig	Exp Ratio
99	100
42	18.0
71	32.3

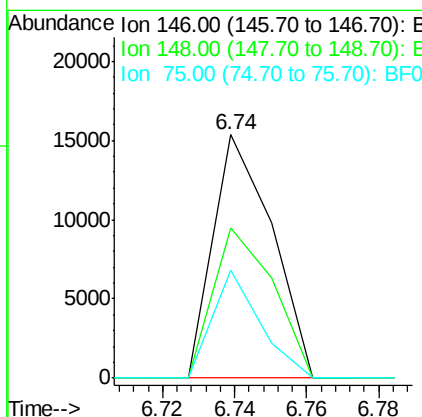
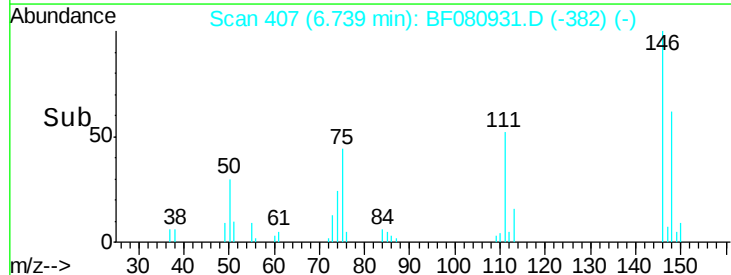
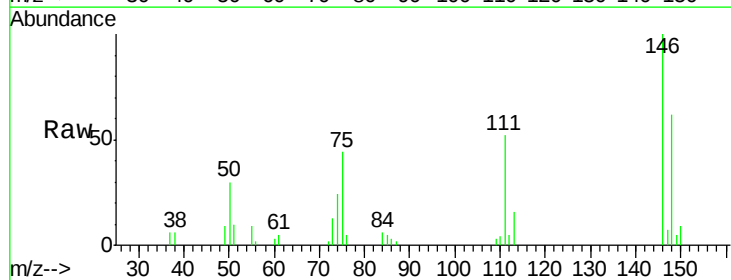
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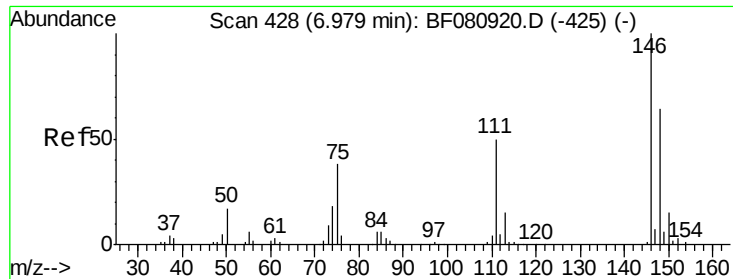
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#12
 1,3-Dichlorobenzene
 Concen: 3.03 ng m
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion	146	Resp	17243
Ion Ratio	Lower	Upper	
146	100		
148	61.6	51.4	77.0
75	44.3	22.2	33.4





#14

1,2-Dichlorobenzene

Concen: 4.03 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

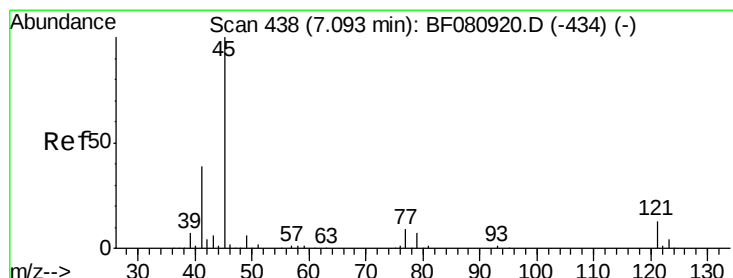
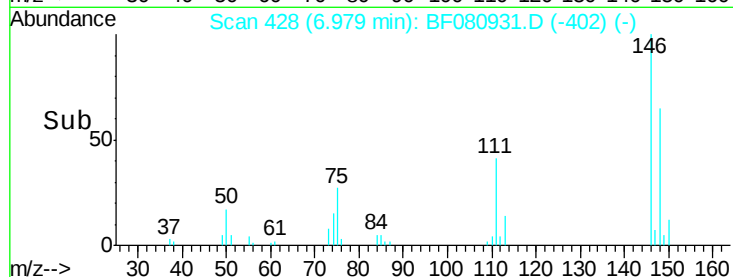
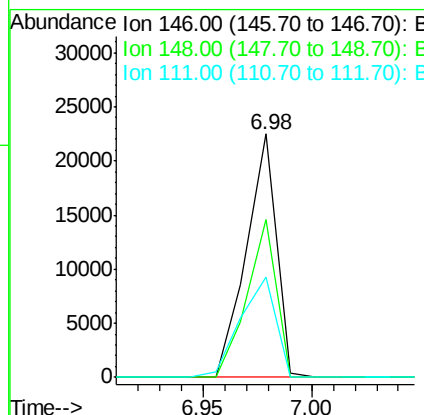
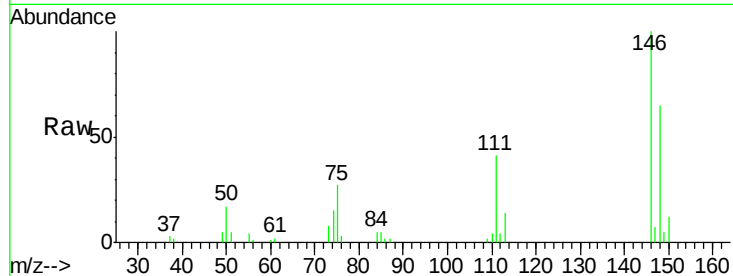
ClientSampleId :

8536DL

Tot Ion:	146	Resp:	21577
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
111	41.2	40.0	60.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.04 ng

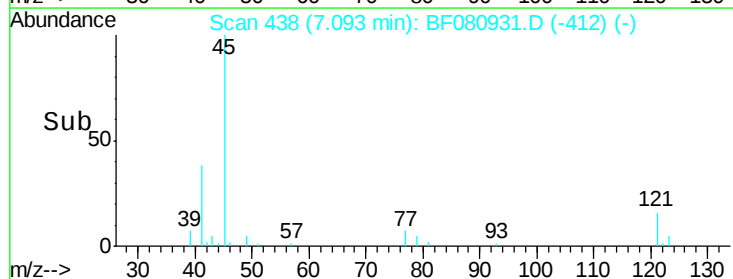
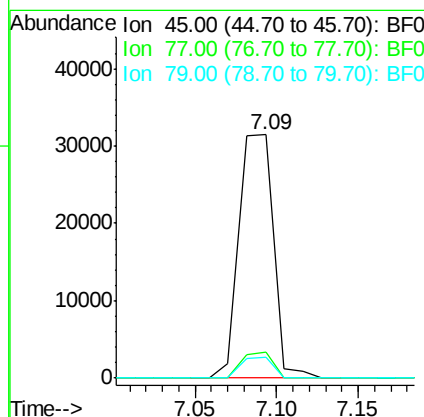
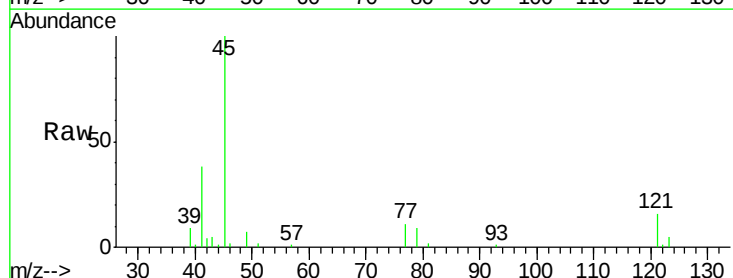
RT: 7.09 min Scan# 438

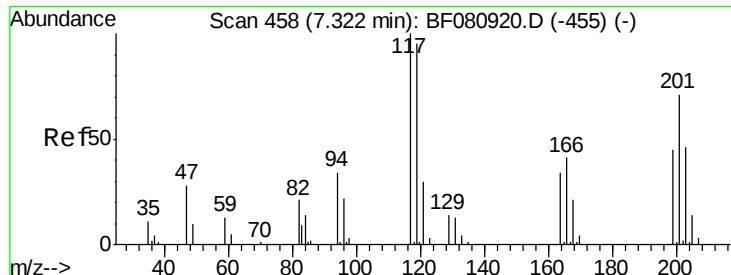
Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Tgt Ion:	45	Resp:	45772
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	29.6
79	8.5	0.0	27.7





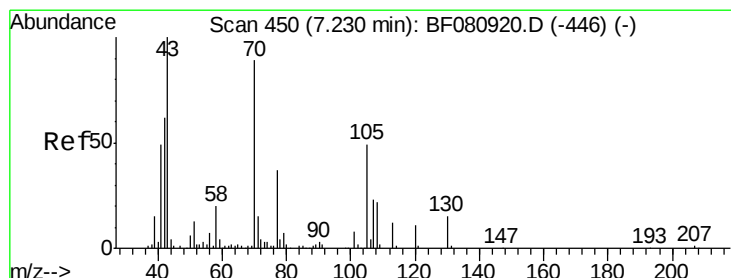
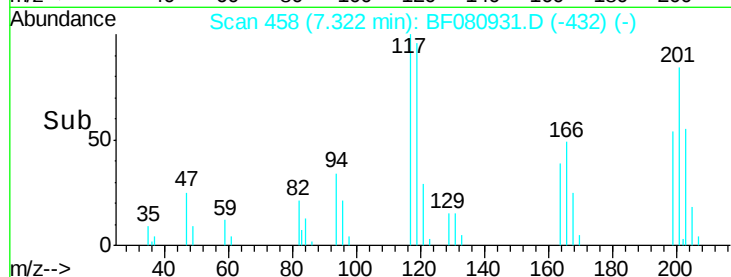
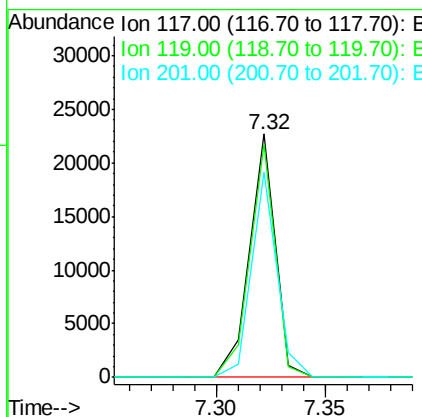
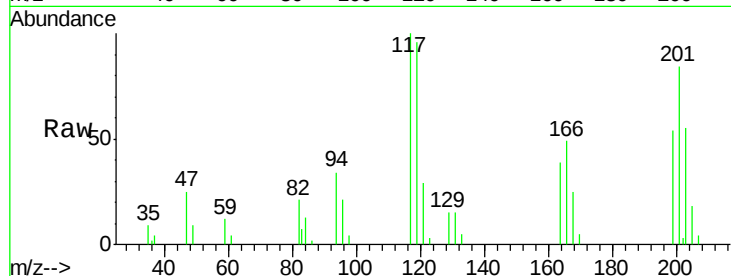
#18
Hexachloroethane
Concen: 8.25 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.3	114.5
201	84.4	57.0	85.6

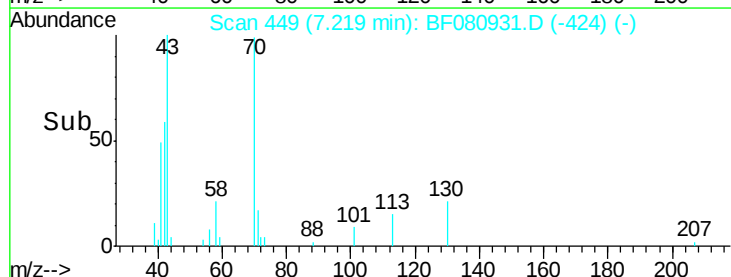
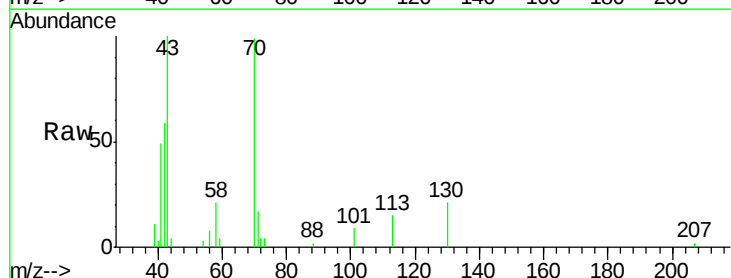
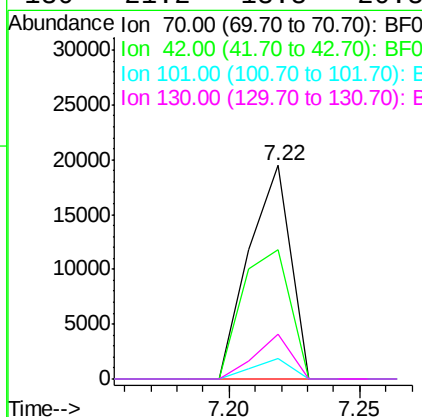
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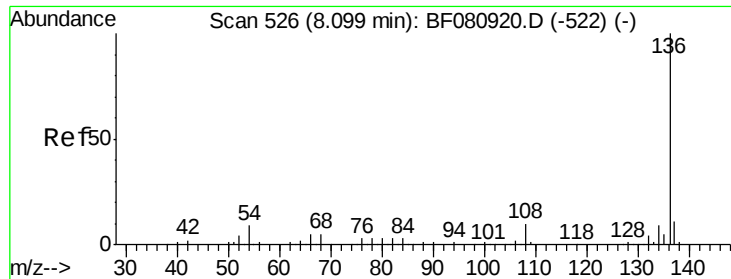
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#19
n-Nitroso-di-n-propylamine
Concen: 4.62 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.3	55.7	83.5
101	9.4	7.0	10.6
130	21.2	13.8	20.8





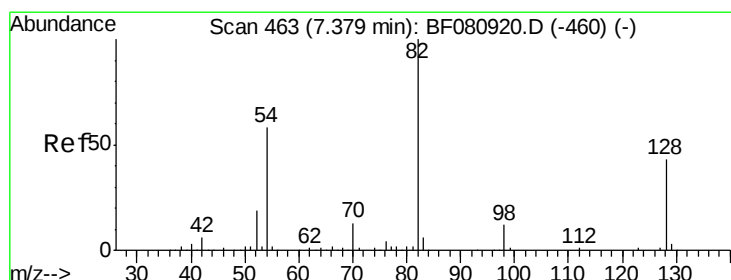
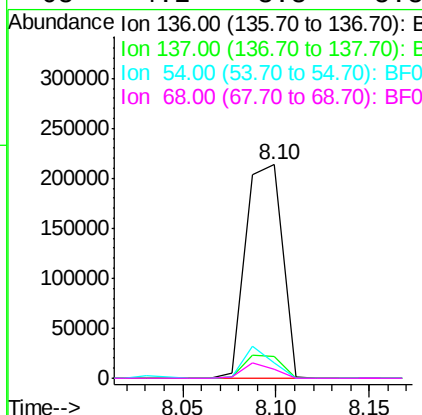
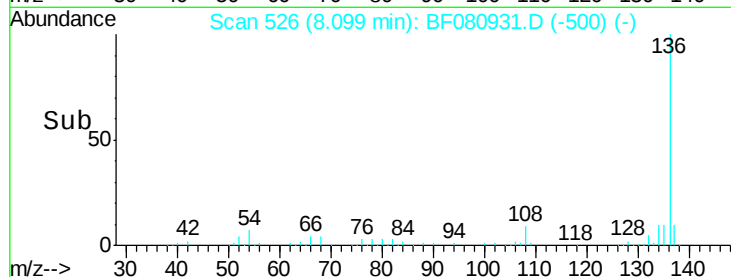
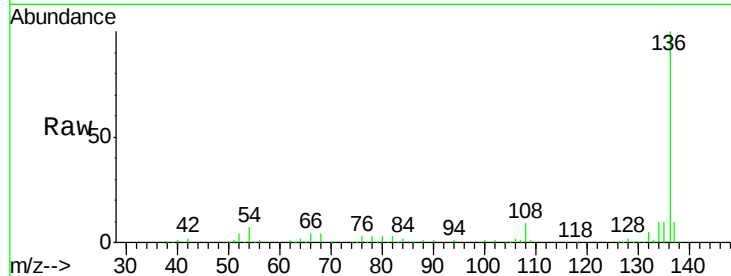
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		290764		
137	10.4		8.5	12.7	
54	7.1		7.1	10.7	
68	4.2		3.8	5.8	

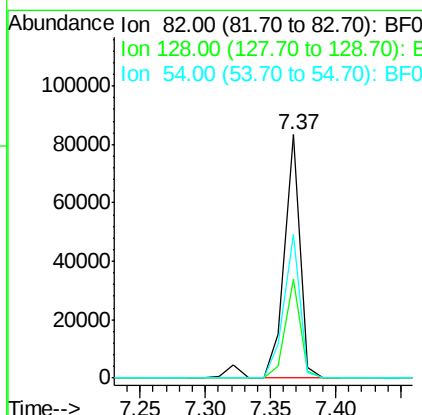
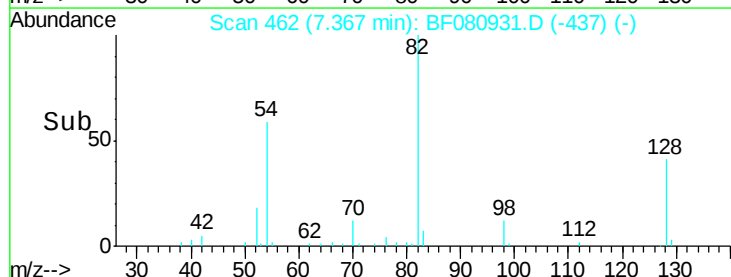
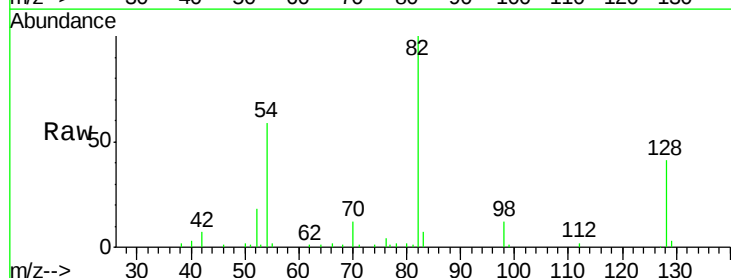
Manual Integrations
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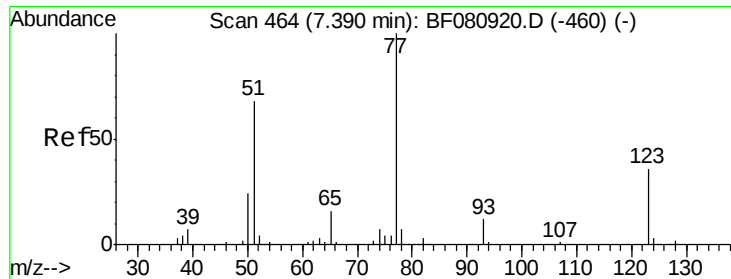
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#23
Nitrobenzene-d5
Concen: 12.03 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		73978		
128	40.7		34.1	51.1	
54	59.1		46.5	69.7	





#24

Nitrobenzene

Concen: 15.84 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

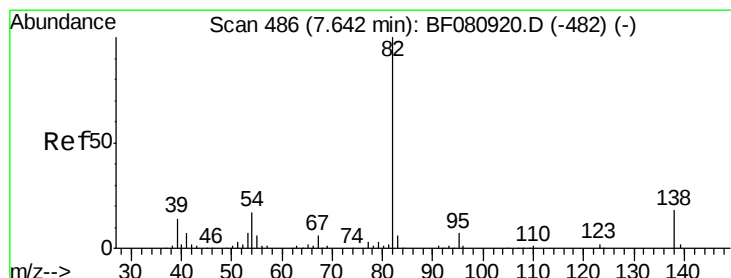
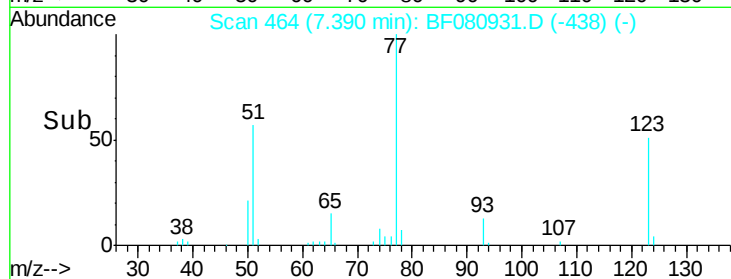
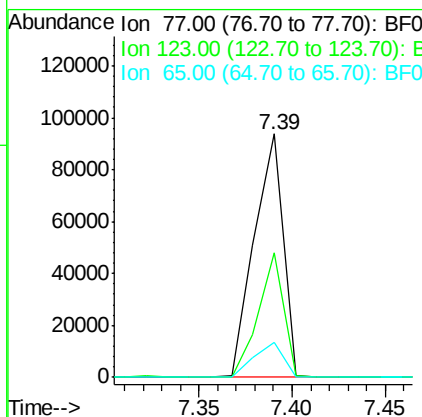
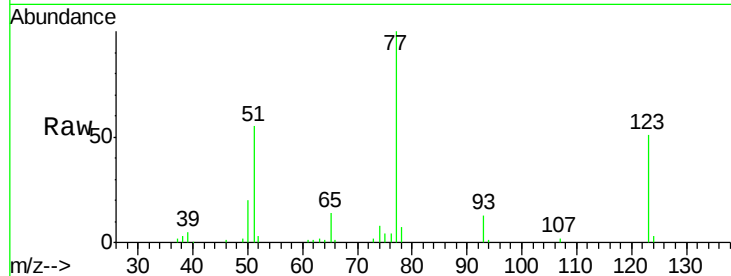
ClientSampleId :

8536DL

Tot Ion:	77	Resp:	100272
Ion Ratio	Lower	Upper	
77	100		
123	51.0	28.7	43.1#
65	14.2	12.5	18.7

Manual Integrations
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#25

Isophorone

Concen: 5.66 ng

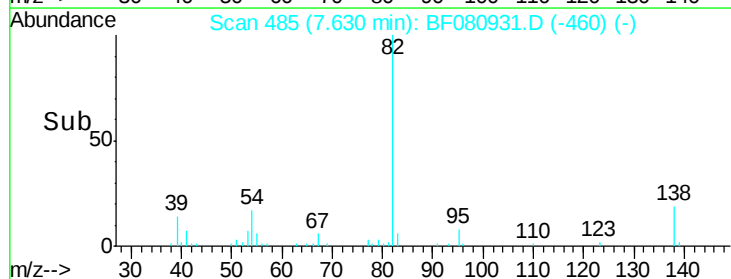
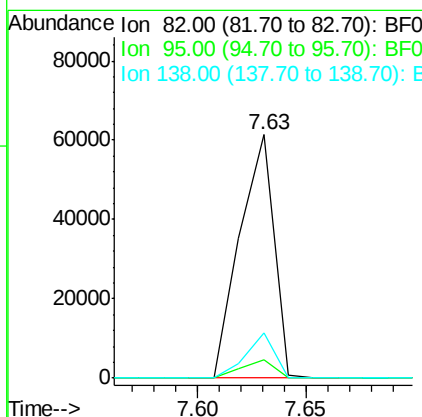
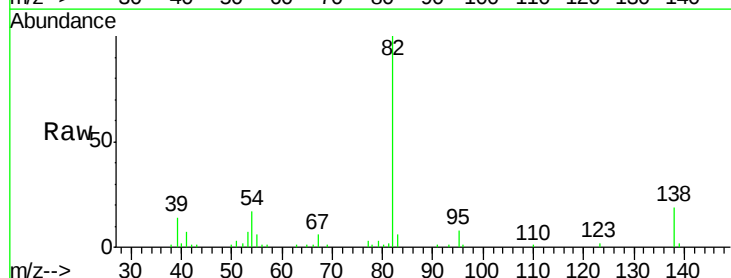
RT: 7.63 min Scan# 485

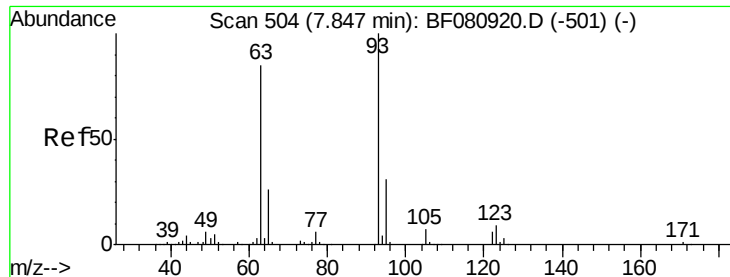
Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Tgt Ion:	82	Resp:	66853
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	18.8	14.1	21.1





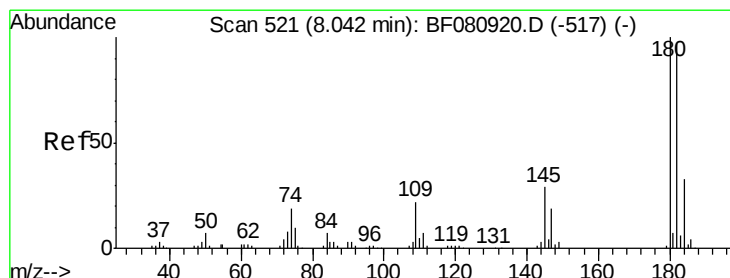
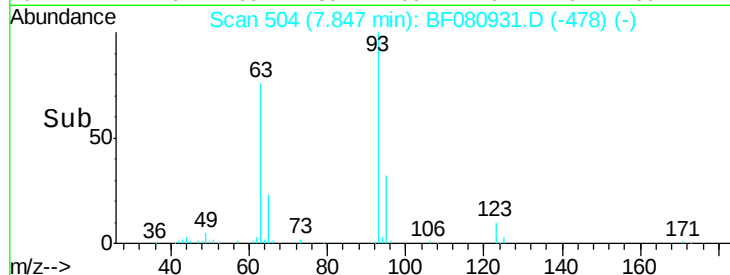
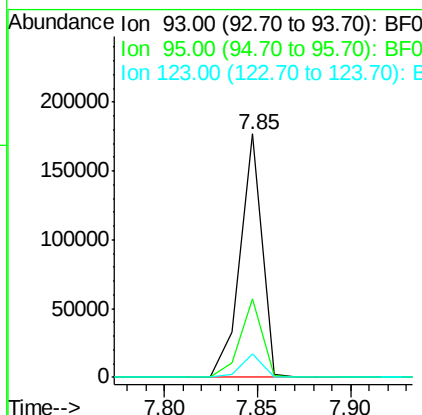
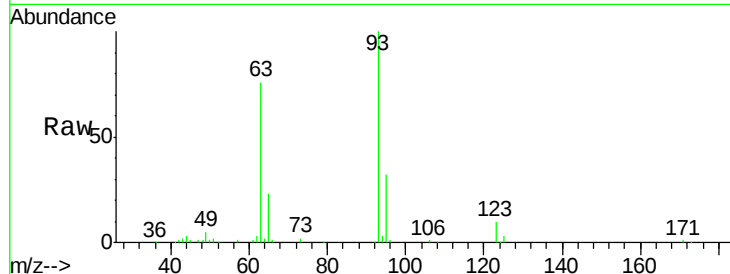
#28
bis(2-Chloroethoxy)methane
Concen: 20.56 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		145941		
95	32.1	25.0	37.4		
123	9.7	7.4	11.0		

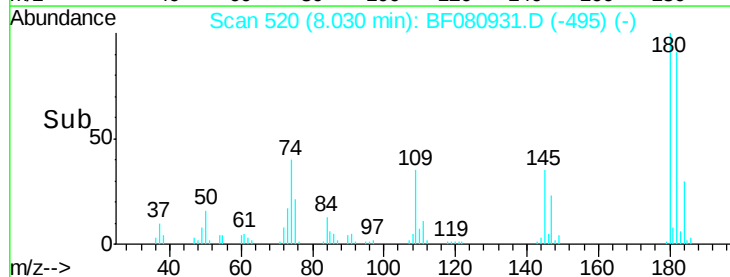
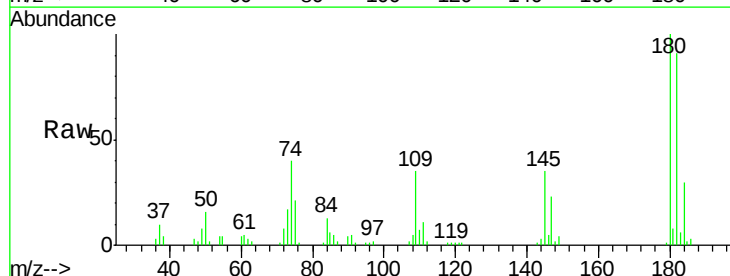
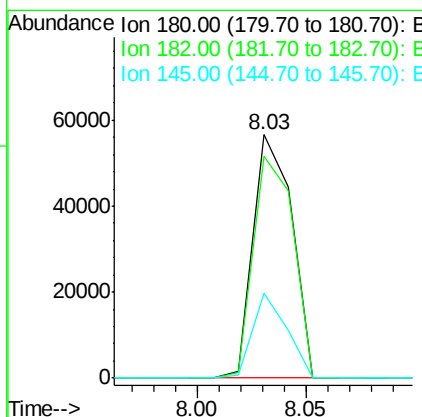
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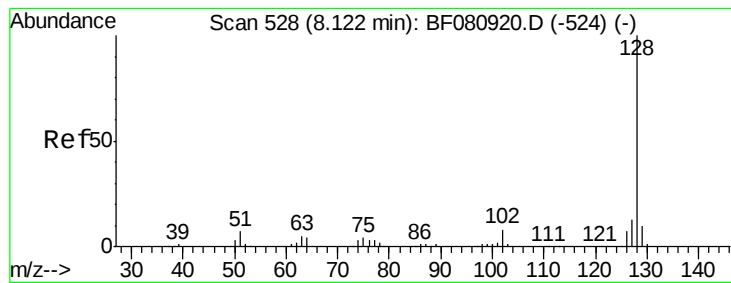
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 15.70 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		70306		
182	91.1	77.4	116.0		
145	34.7	23.2	34.8		





#31

Naphthalene

Concen: 10.03 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

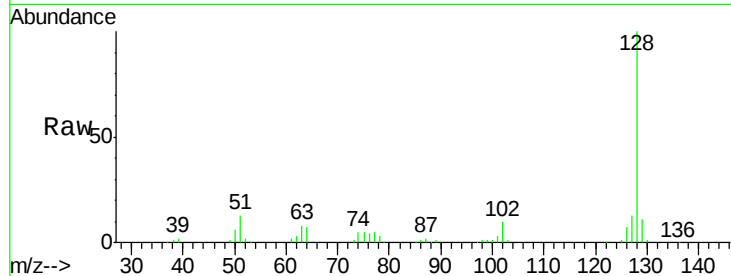
ClientSampled :

8536DL

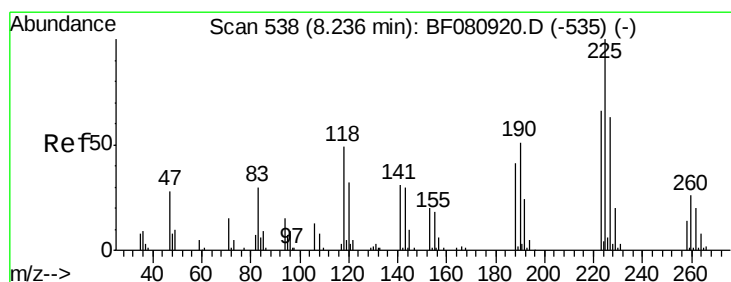
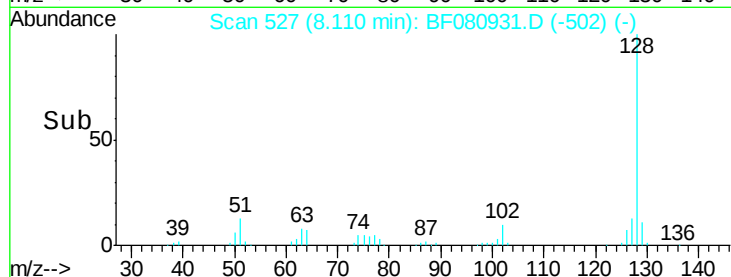
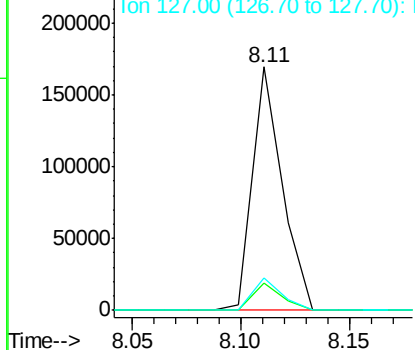
Tot Ion:	128	Resp:	160766
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.4	12.6
127	13.1	10.5	15.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

Hexachlorobutadiene

Concen: 6.66 ng

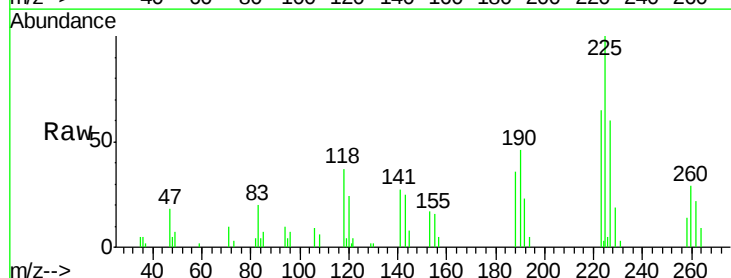
RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

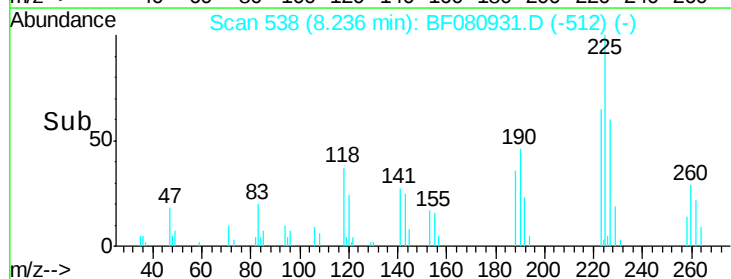
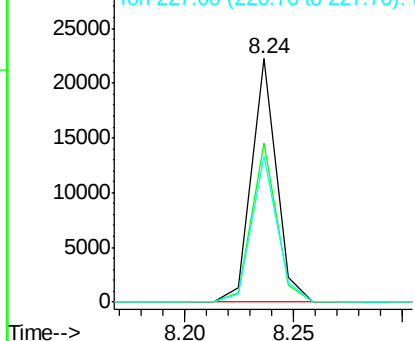
Lab File: BF080931.D

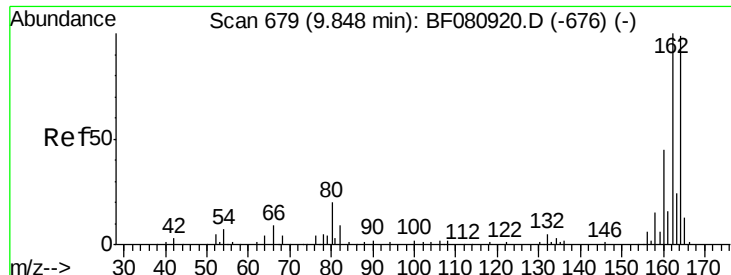
Acq: 7 Aug 2015 17:23

Tgt Ion:	225	Resp:	17738
Ion Ratio	Lower	Upper	
225	100		
223	65.4	52.5	78.7
227	60.3	50.3	75.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





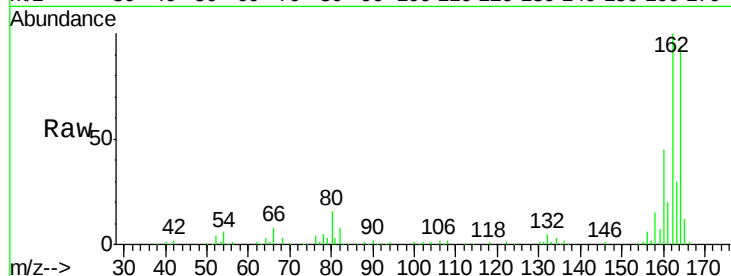
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

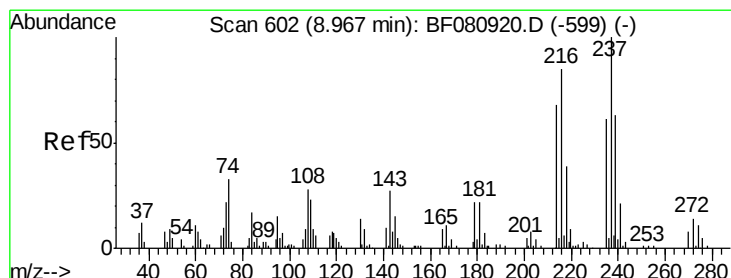
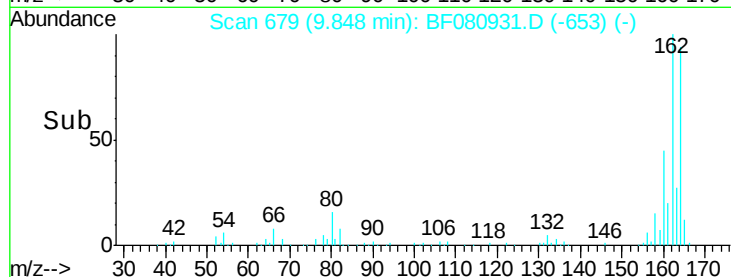
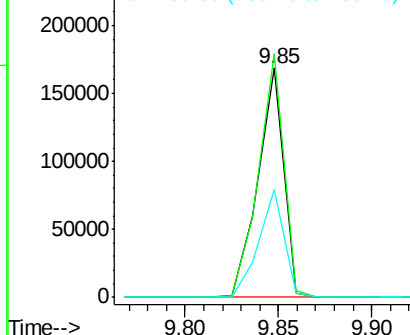
Tot Ion	Ratio	Resp	Lower	Upper
164	100	159431		
162	106.2	80.5	120.7	
160	47.3	36.6	54.8	

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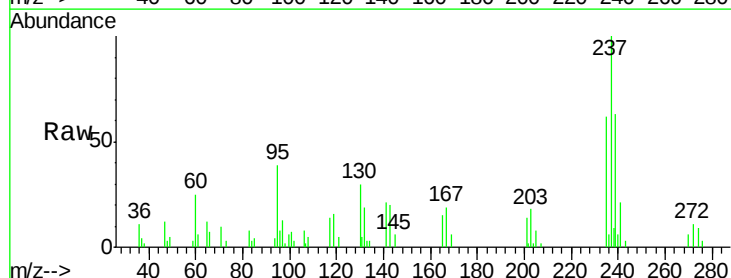


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

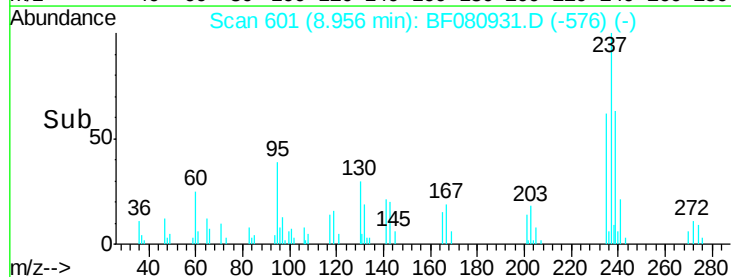
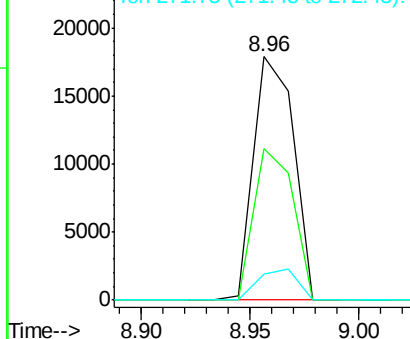


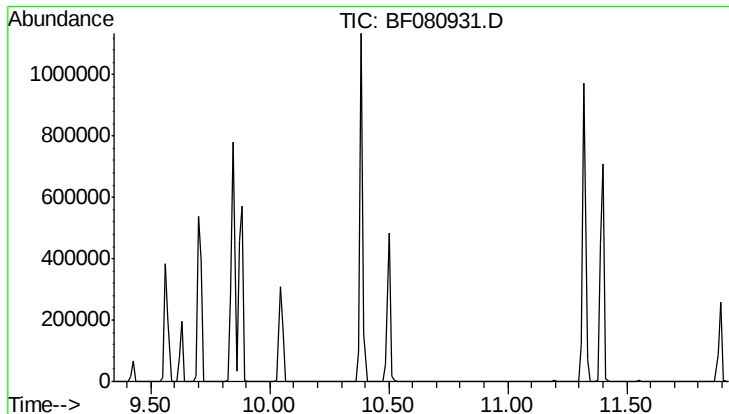
#40
Hexachlorocyclopentadiene
Concen: 8.58 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	23012		
235	62.2	41.3	81.3	
272	10.7	0.0	33.6	



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





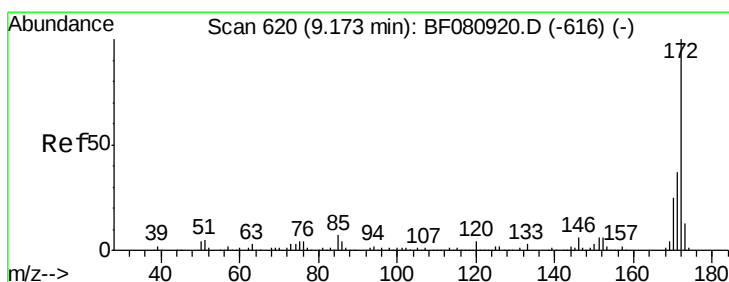
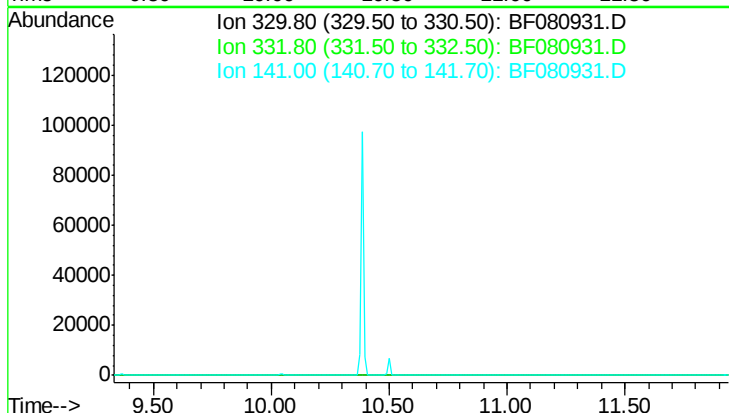
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.64 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

Tot Ion	330	332	141
Exp Ratio	100	95.3	34.8

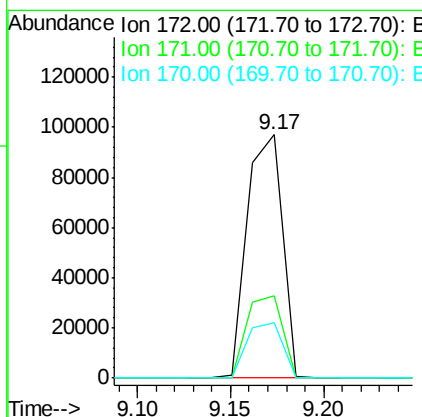
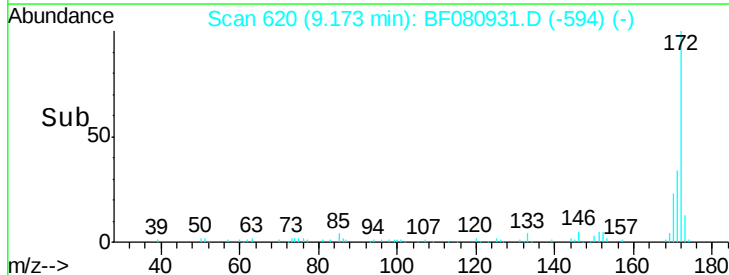
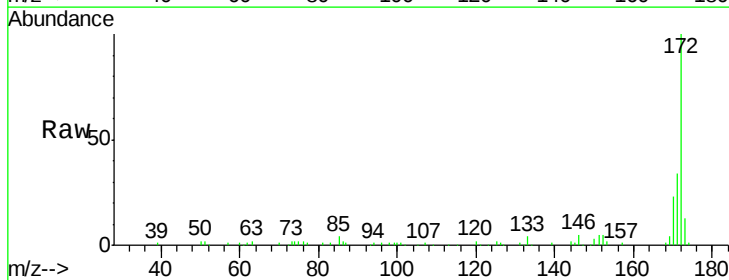
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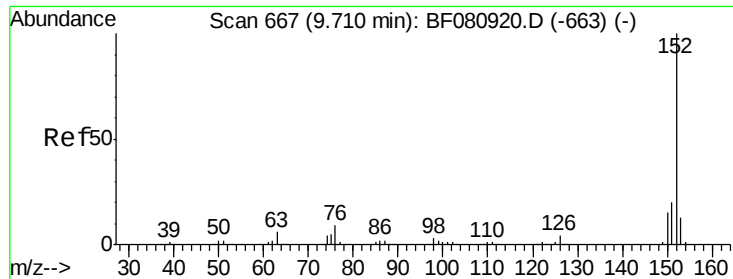
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#44
 2-Fluorobiphenyl
 Concen: 11.21 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion	172	Resp	127001
Ion Ratio	100		
171	33.6	29.4	44.0
170	23.0	19.7	29.5





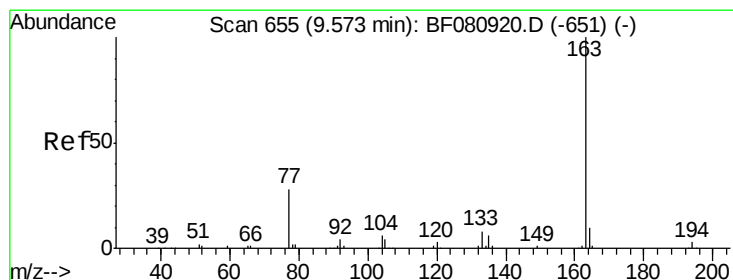
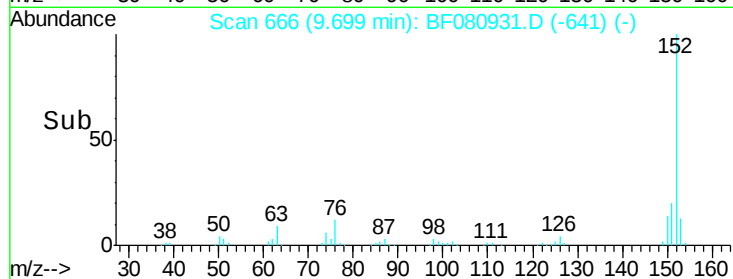
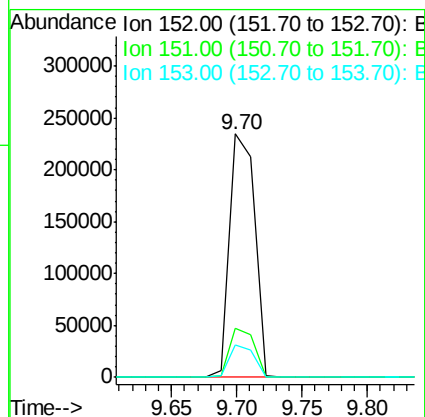
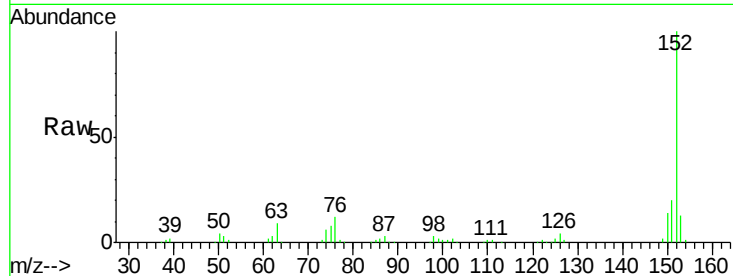
#48
Acenaphthylene
Concen: 16.89 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	313329		
151	20.0		16.3	24.5
153	13.4		10.5	15.7

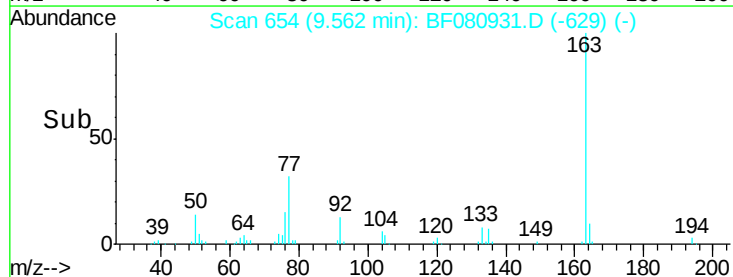
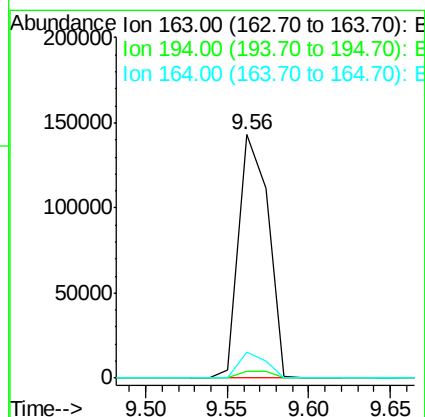
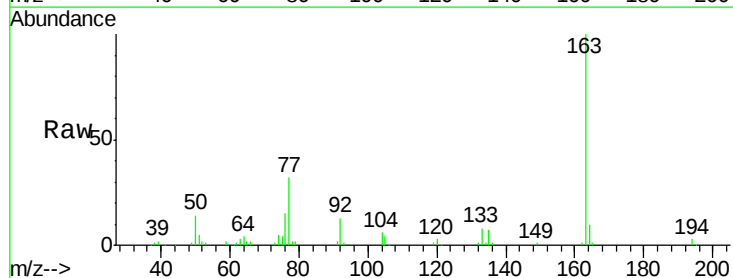
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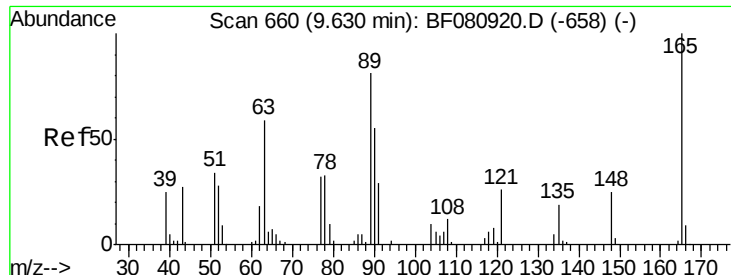
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#49
Dimethylphthalate
Concen: 13.52 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	178999		
194	2.9		2.4	3.6
164	10.4		8.2	12.4





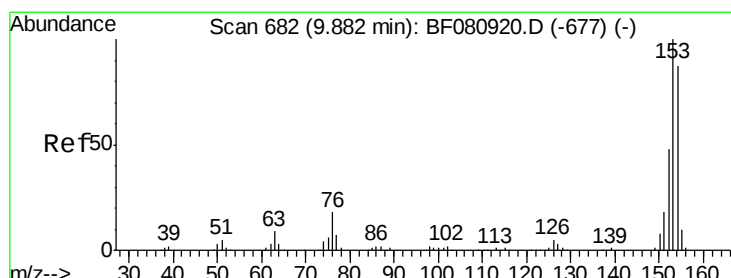
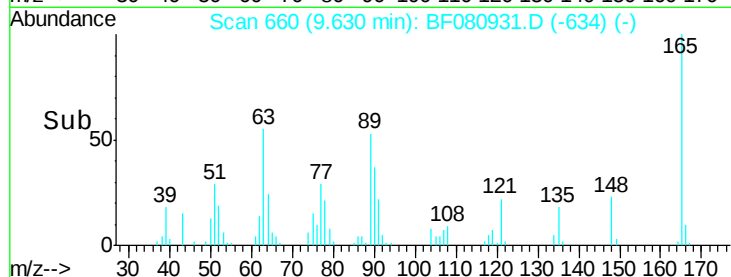
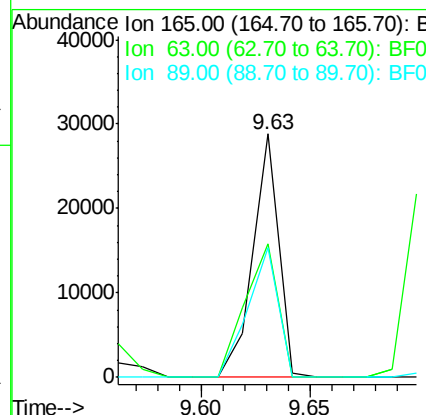
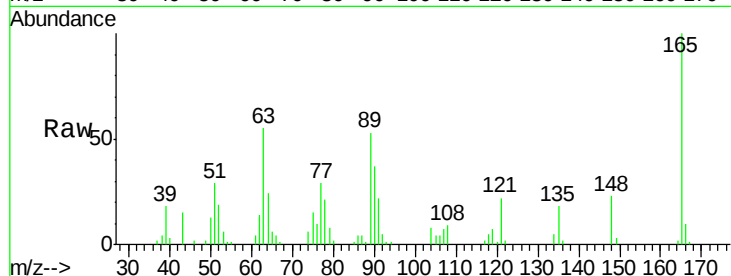
#50
 2,6-Dinitrotoluene
 Concen: 8.66 ng
 RT: 9.63 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampled :
 8536DL

Tot Ion	Ratio	Resp	Lower	Upper
165	100	23697		
63	54.9	77.6	116.4#	
89	53.4	64.5	96.7#	

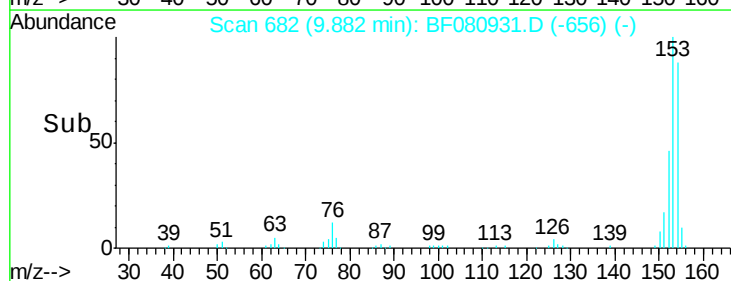
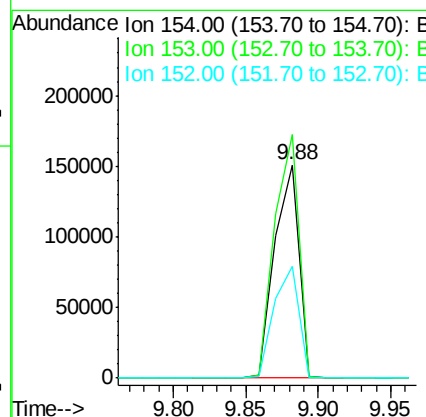
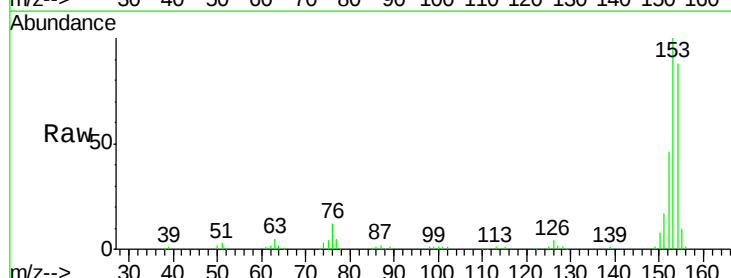
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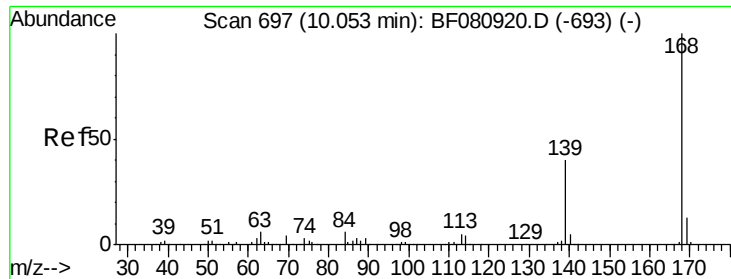
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#51
 Acenaphthene
 Concen: 15.47 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	175690		
153	114.1	91.4	137.2	
152	52.7	44.2	66.4	





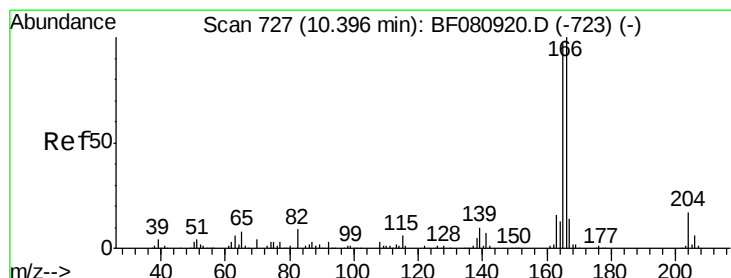
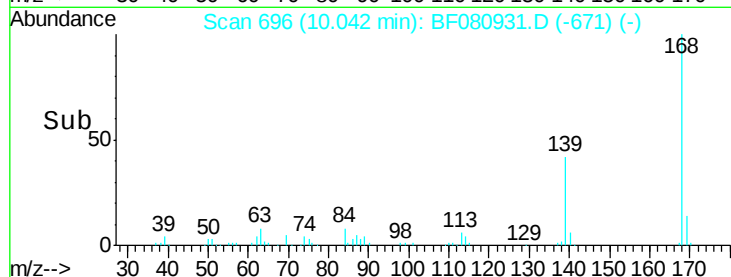
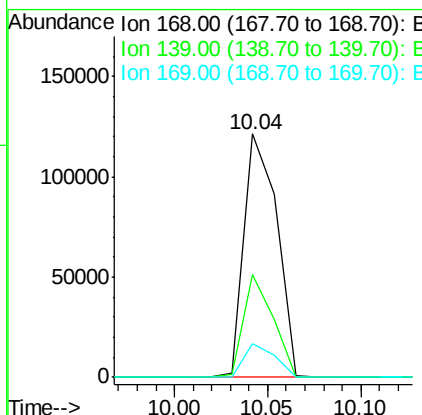
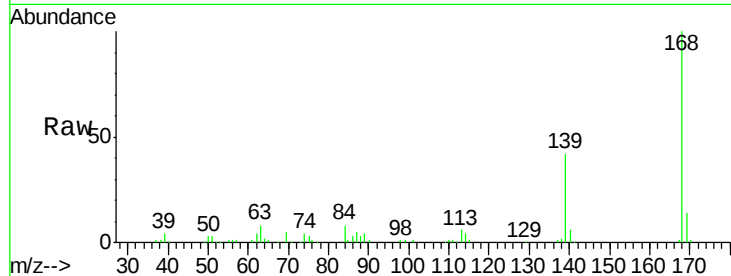
#54
Dibenzenofuran
Concen: 9.65 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	148197		
139	42.5	31.9	47.9	
169	14.1	10.6	15.8	

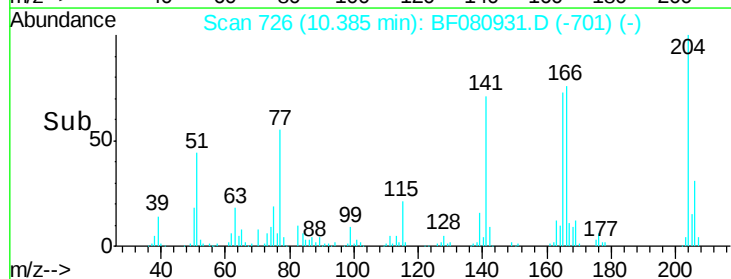
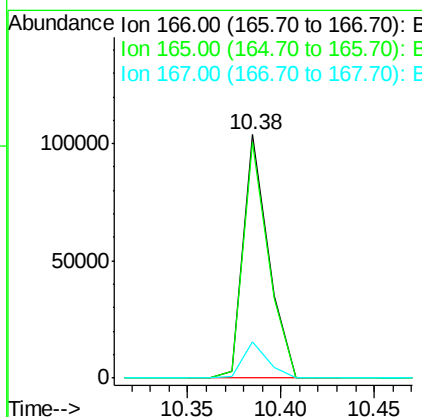
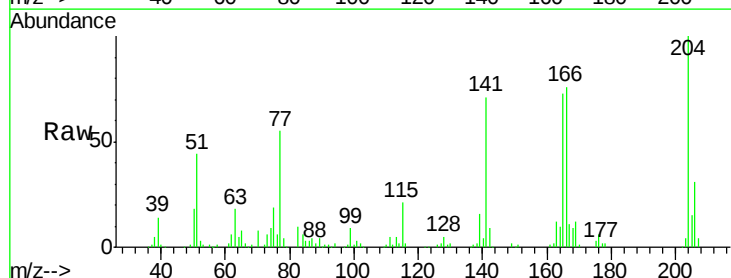
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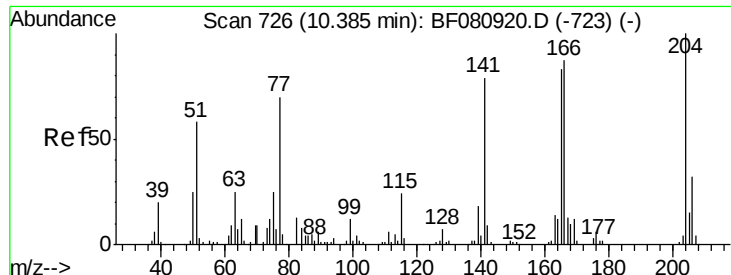
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#57
Fluorene
Concen: 8.20 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	97384		
165	96.7	77.2	115.8	
167	14.9	10.8	16.2	





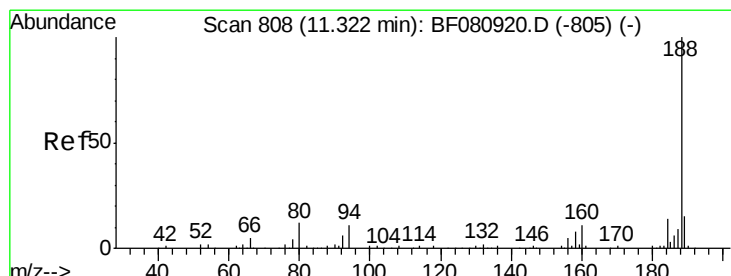
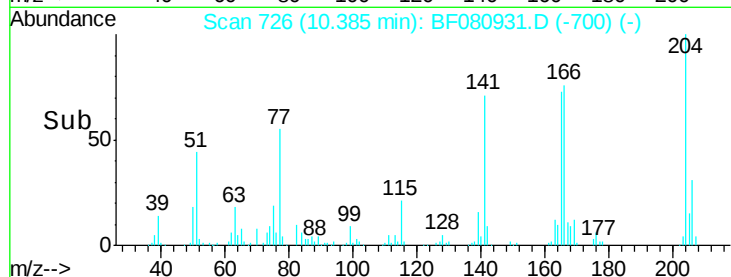
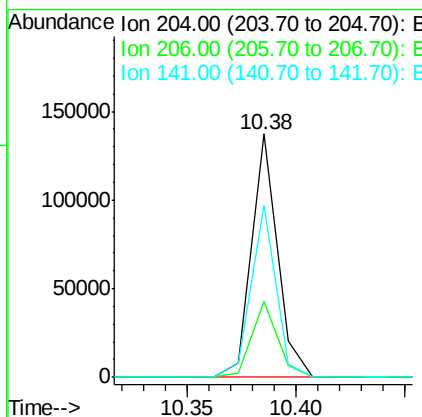
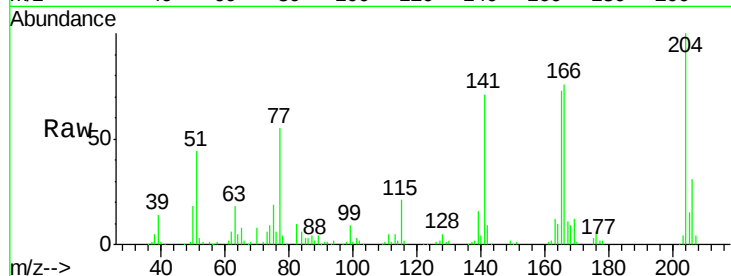
#60
 4-Chlorophenyl-phenylether
 Concen: 19.62 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampled :
 8536DL

Tot Ion:	204	Resp:	113608
Ion Ratio	Lower	Upper	
204	100		
206	31.3	25.5	38.3
141	70.8	63.4	95.0

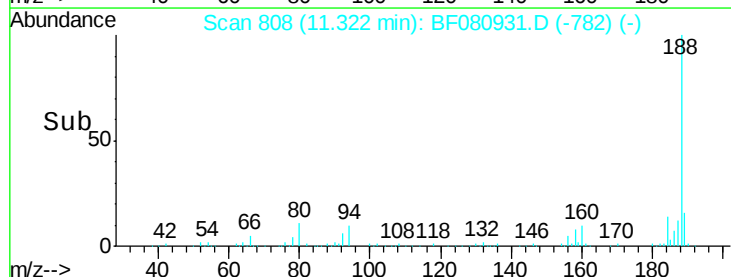
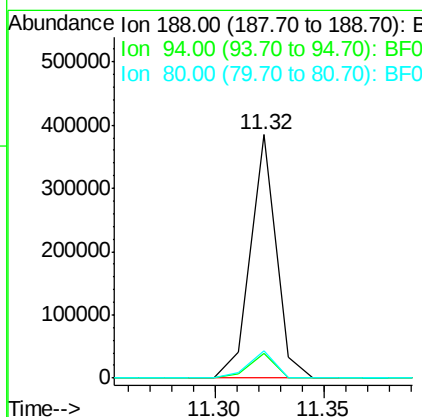
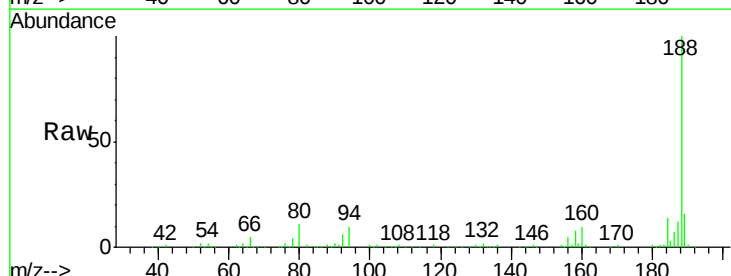
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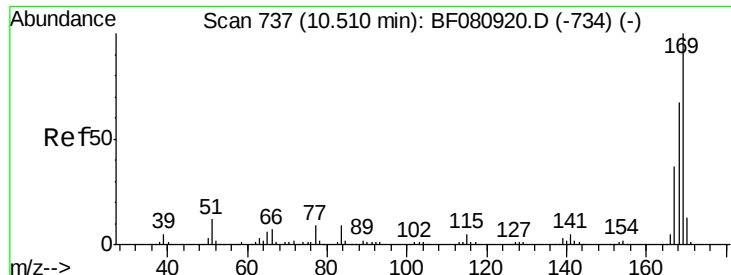
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion:	188	Resp:	316124
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.8	13.2
80	11.5	9.5	14.3





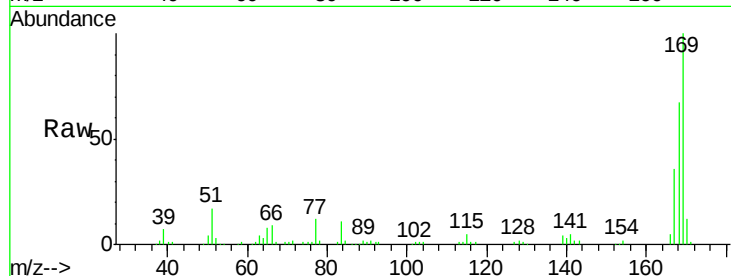
#65
n-Nitrosodiphenylamine
Concen: 9.56 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

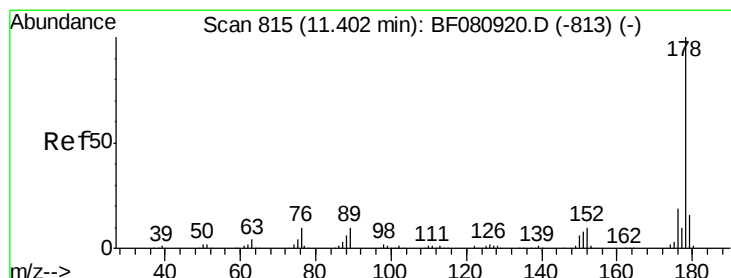
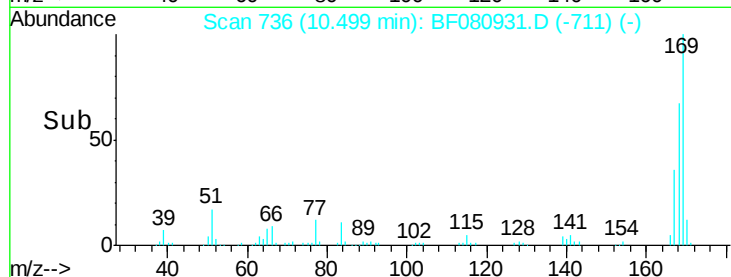
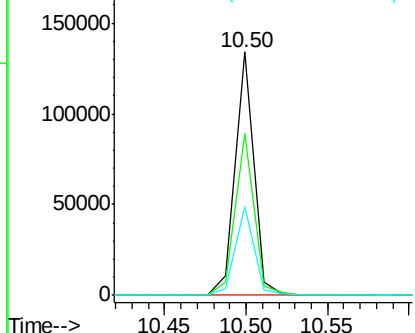
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.7	80.5
167	36.2	29.3	43.9

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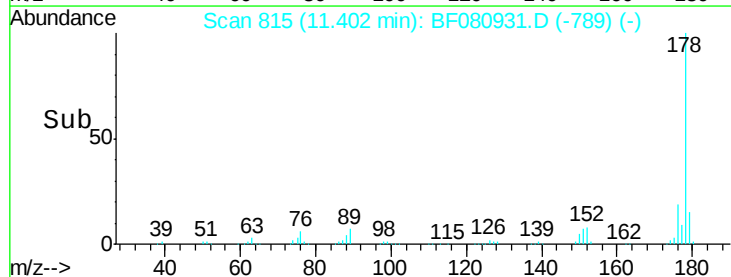
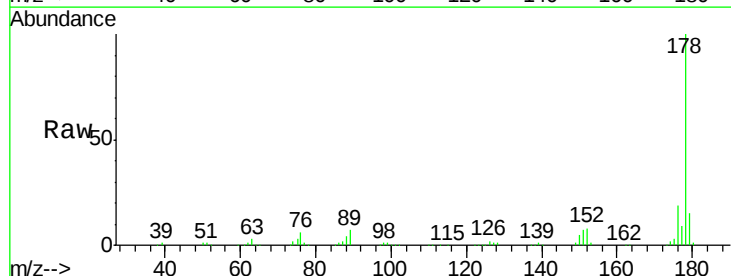
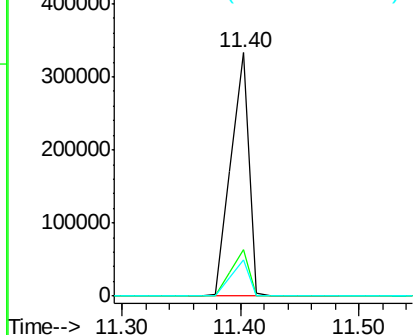
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

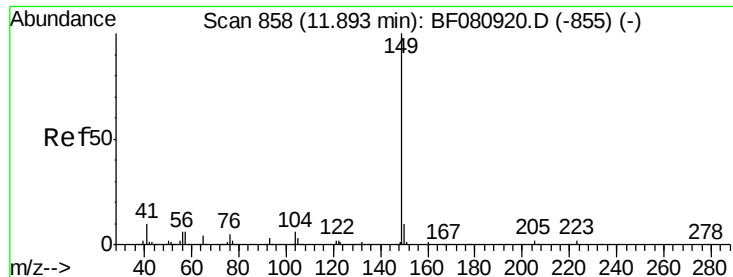


#71
Anthracene
Concen: 19.85 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	14.8	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 6.54 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

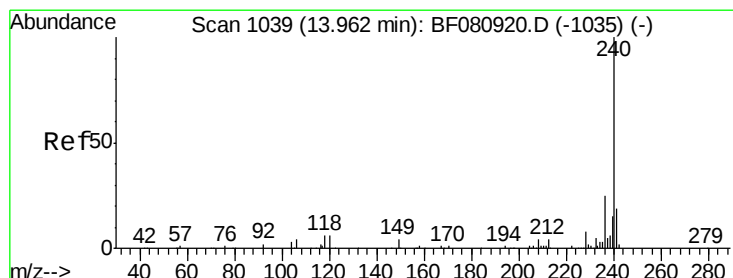
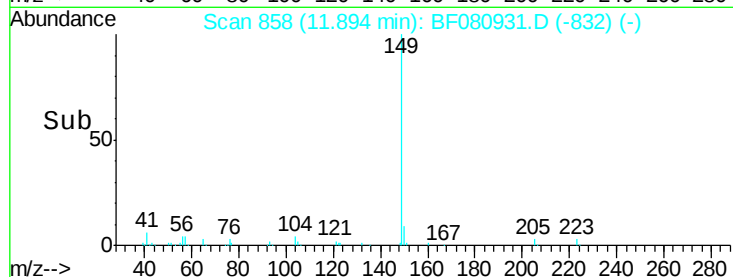
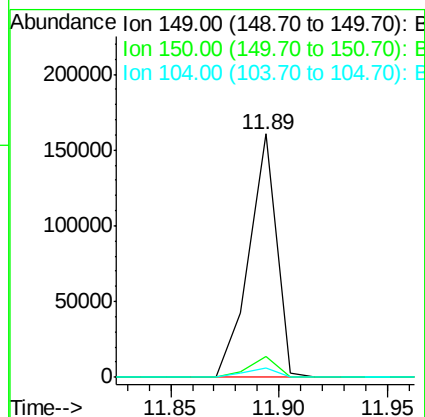
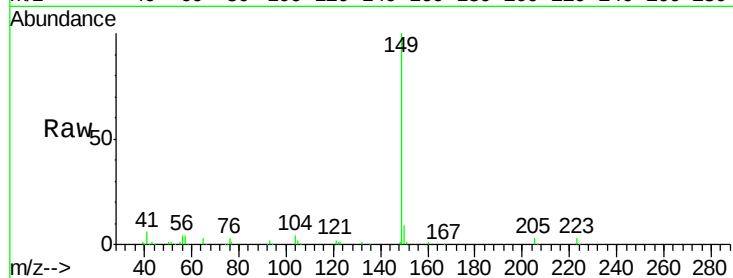
ClientSampleId :

8536DL

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Tot Ion:	149	Resp:	141178
Ion Ratio	Lower	Upper	
149	100		
150	8.6	7.6	11.4
104	4.0	4.4	6.6#



#75

Chrysene-d12

Concen: 20.00 ng

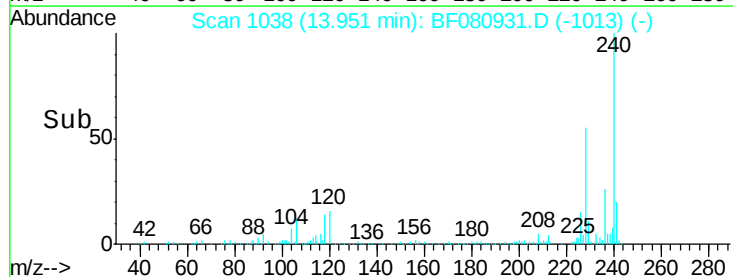
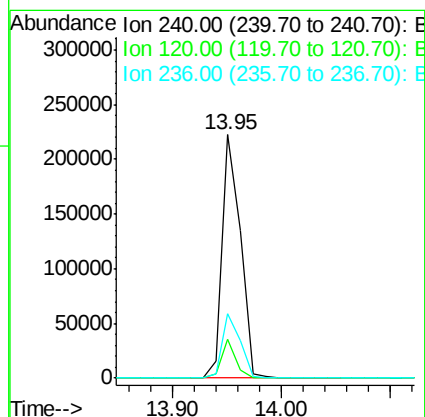
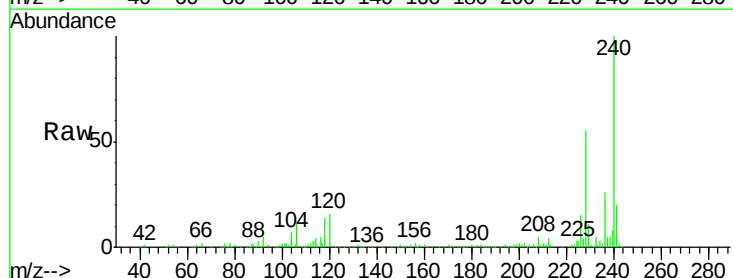
RT: 13.95 min Scan# 1038

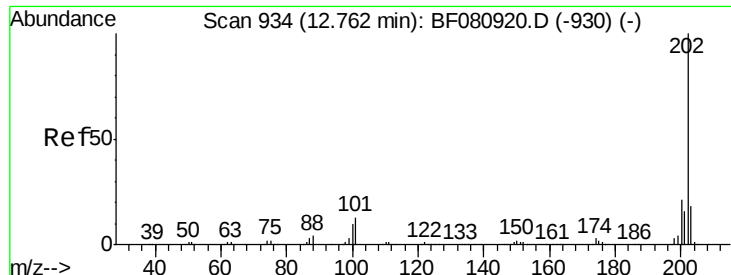
Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Tgt Ion:	240	Resp:	260803
Ion Ratio	Lower	Upper	
240	100		
120	16.1	5.2	7.8#
236	26.3	20.2	30.4





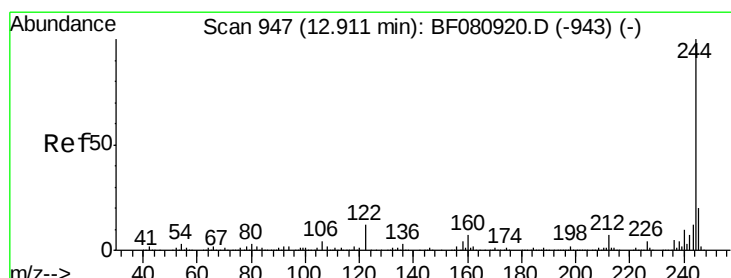
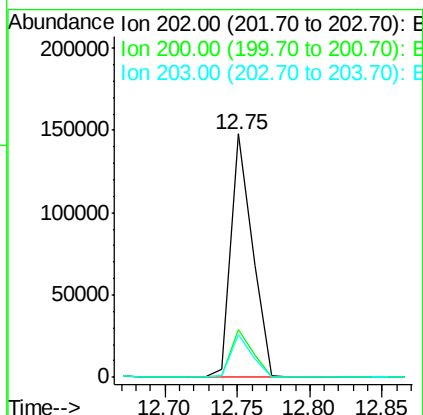
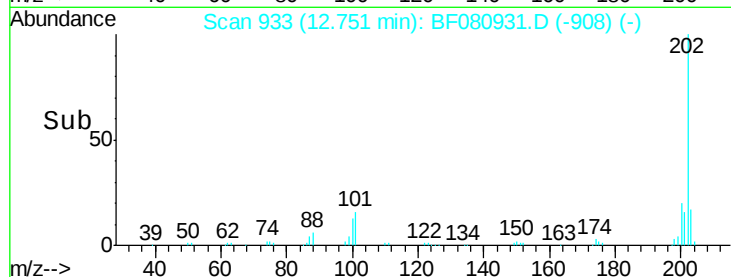
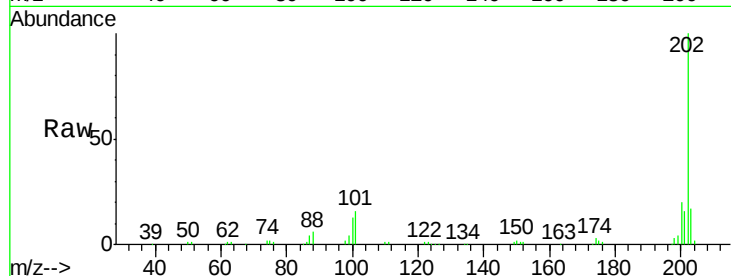
#77
Pvrene
Concen: 7.90 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.8	16.6	24.8
203	17.4	14.2	21.2

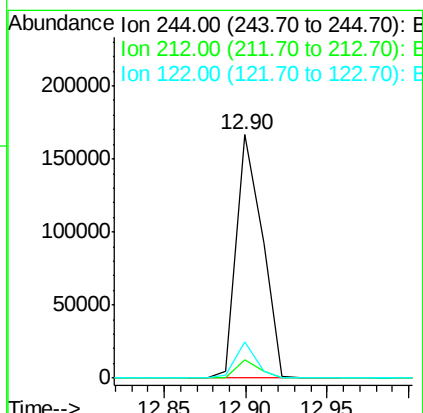
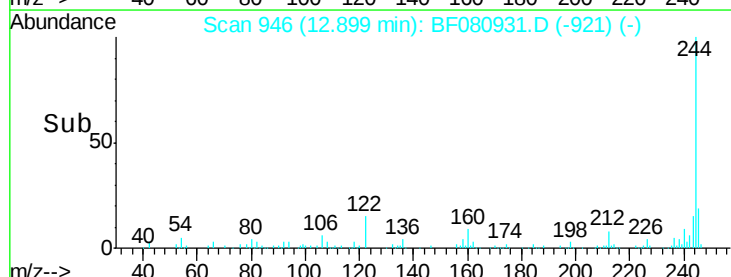
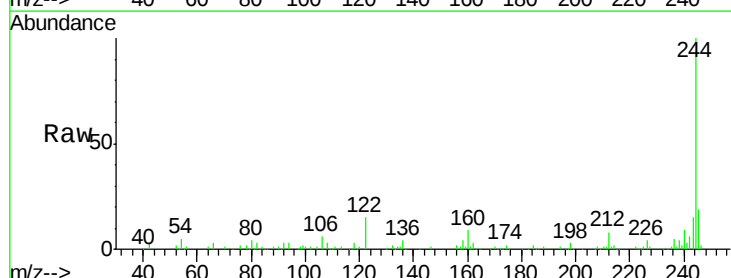
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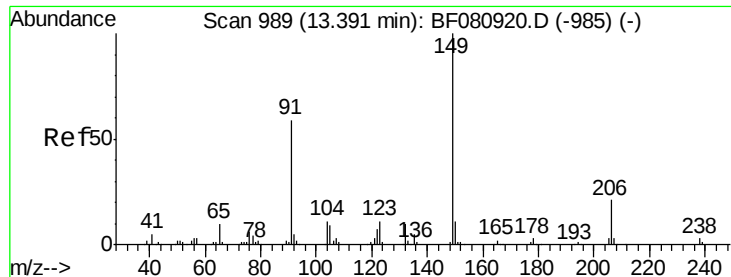
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#78
Terphenyl-d14
Concen: 14.41 ng
RT: 12.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	5.8	8.8
122	14.8	9.4	14.2





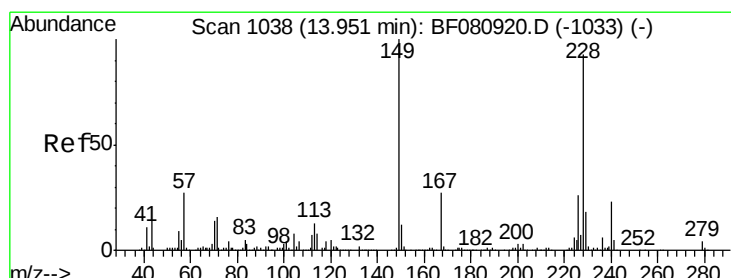
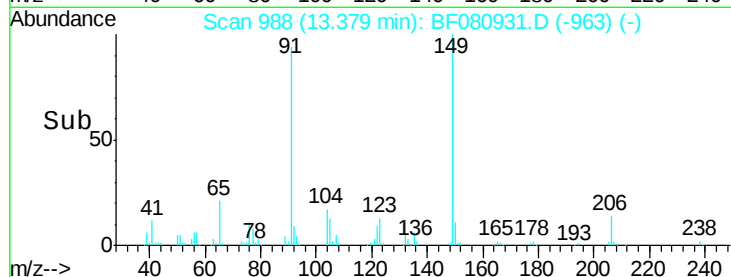
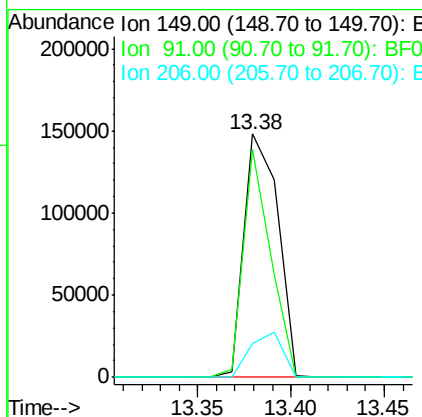
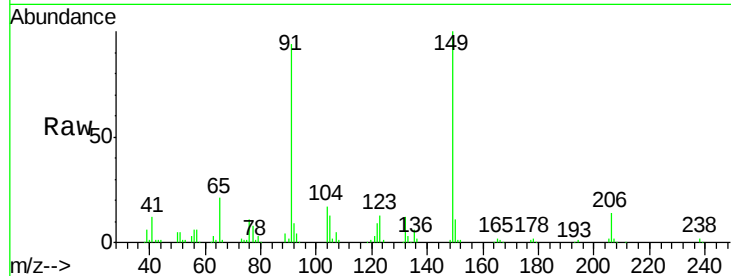
#79
Butylbenzylphthalate
Concen: 20.16 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
Client Sample Id :
8536DL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	94.0	47.2	70.8#
206	13.9	16.5	24.7#

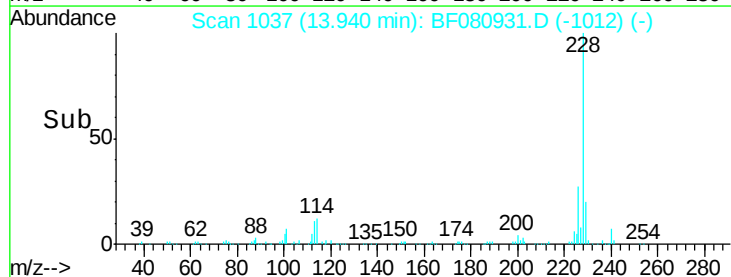
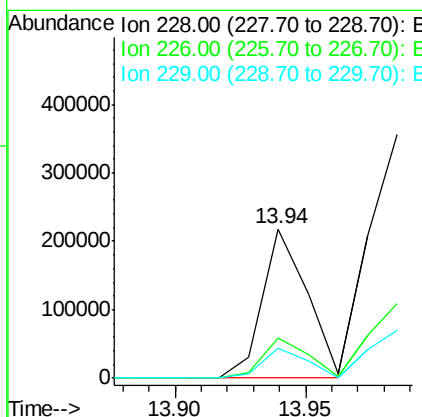
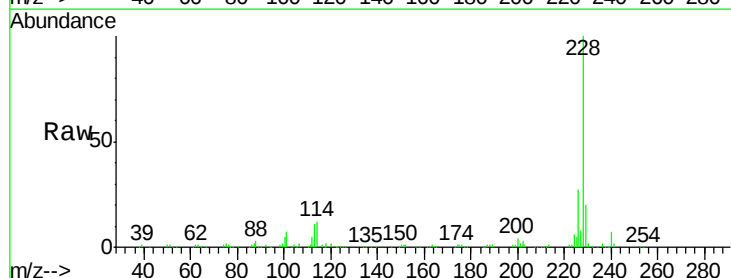
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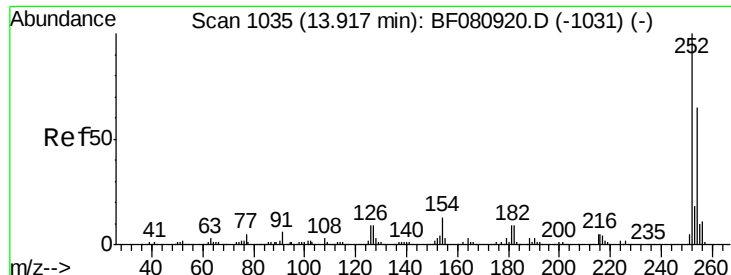
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#80
Benzo(a)anthracene
Concen: 15.73 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.9	15.8	23.6





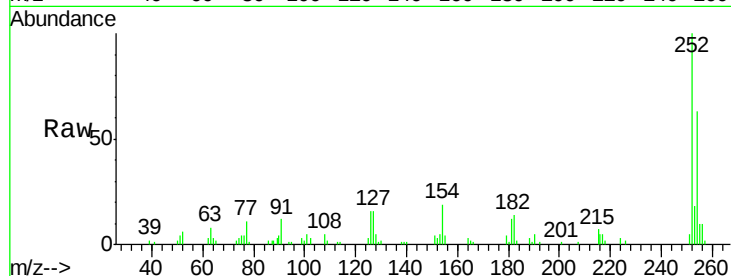
#81
 3,3'-Dichlorobenzidine
 Concen: 4.86 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

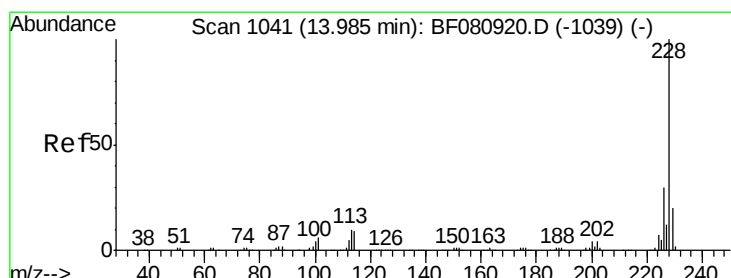
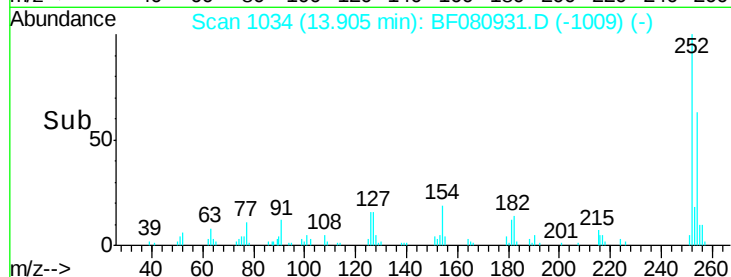
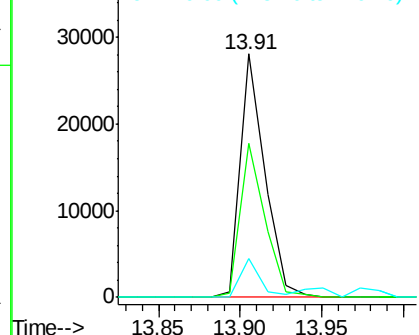
Tot Ion	Ratio	Resp	Lower	Upper
252	100	29103		
254	63.5	51.7	77.5	
126	15.7	7.1	10.7	

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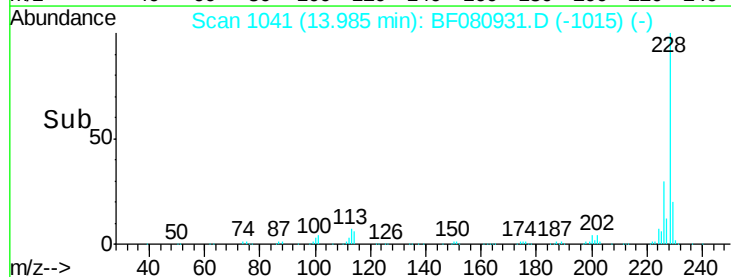
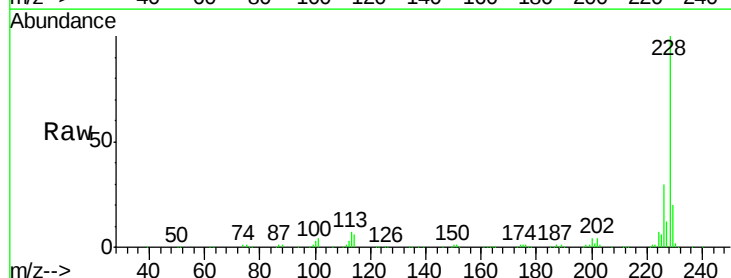
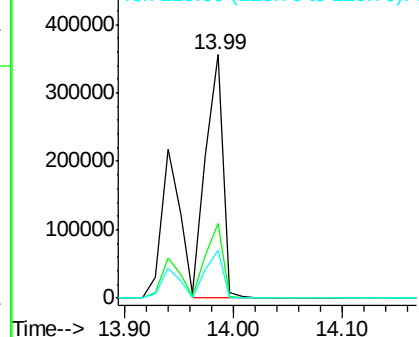
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

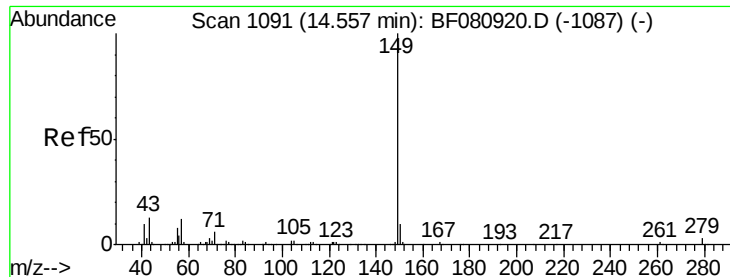


#82
 Chrysene
 Concen: 25.15 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	396656		
226	30.5	23.9	35.9	
229	19.6	15.8	23.6	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 24.48 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Instrument :

BNA_F

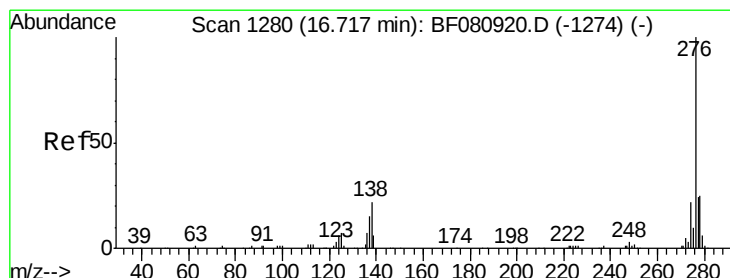
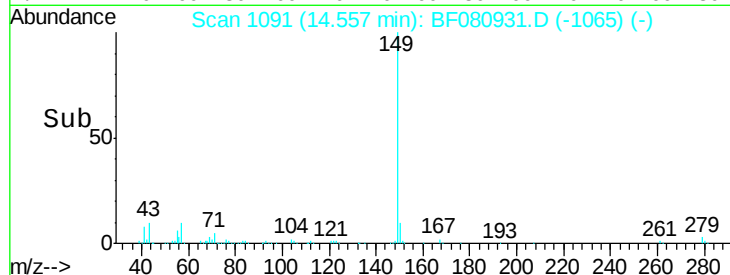
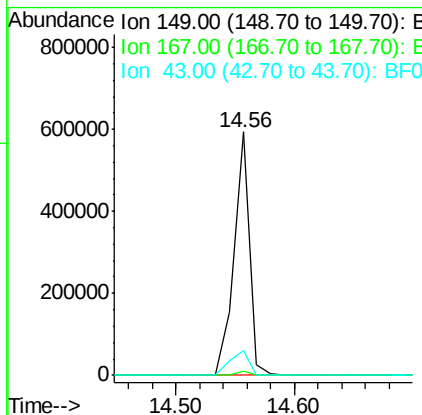
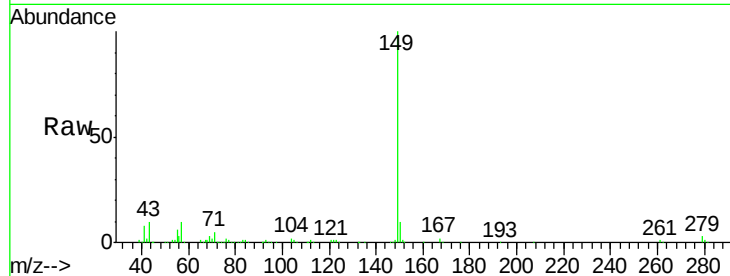
ClientSampleId :

8536DL

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Tot Ion:	149	Resp:	536281
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	12.6	11.0	16.4



#85

Indeno(1,2,3-cd)pyrene

Concen: 13.90 ng

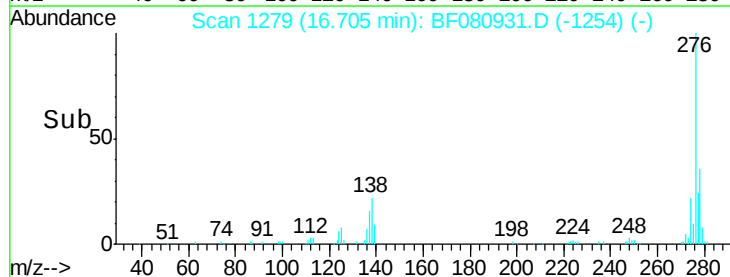
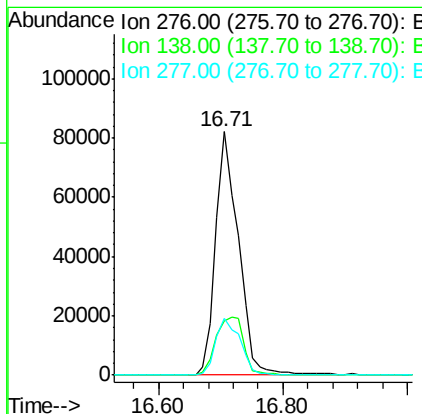
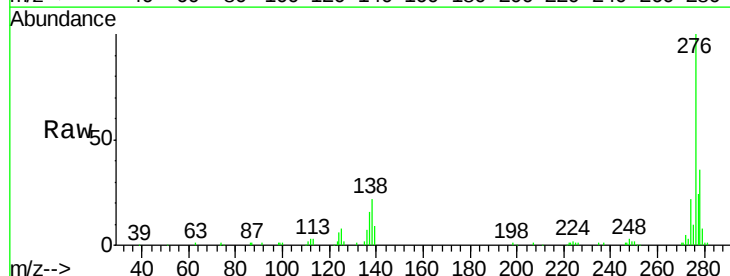
RT: 16.71 min Scan# 1279

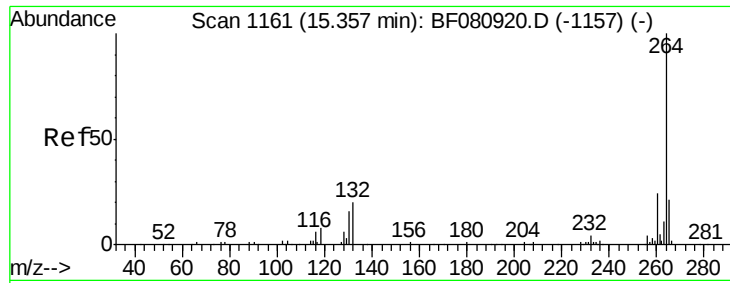
Delta R.T. -0.01 min

Lab File: BF080931.D

Acq: 7 Aug 2015 17:23

Tgt Ion:	276	Resp:	208654
Ion Ratio	Lower	Upper	
276	100		
138	29.0	19.9	29.9
277	25.1	19.7	29.5





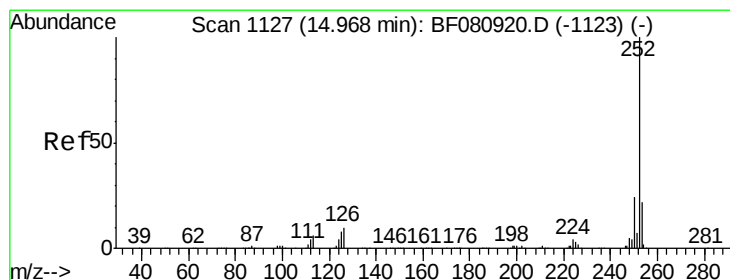
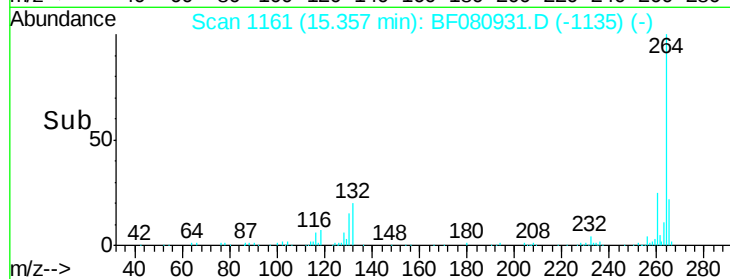
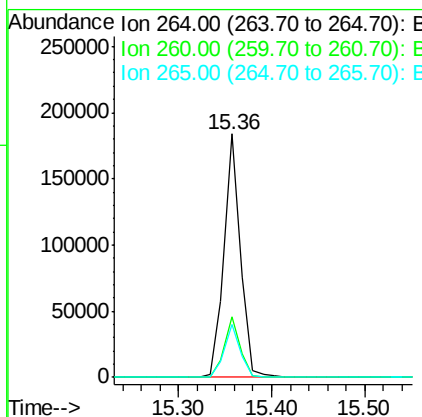
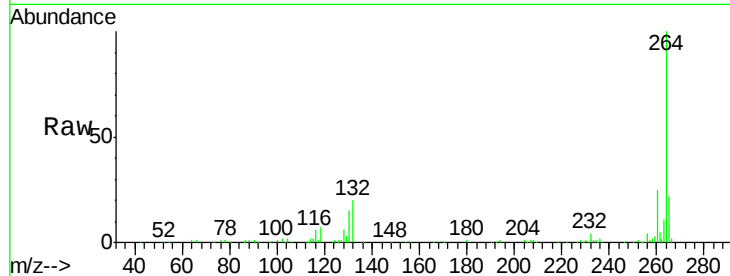
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ratio	Resp	Lower	Upper
264	100	226886		
260	24.9	19.4	29.0	
265	21.8	17.0	25.4	

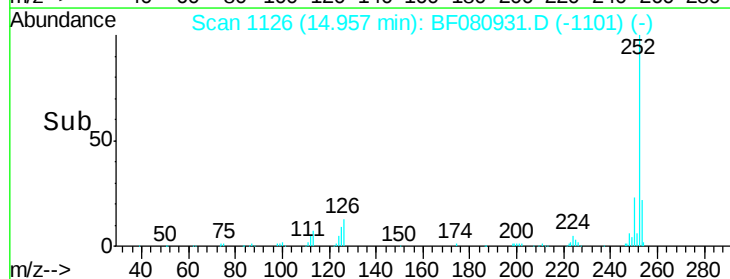
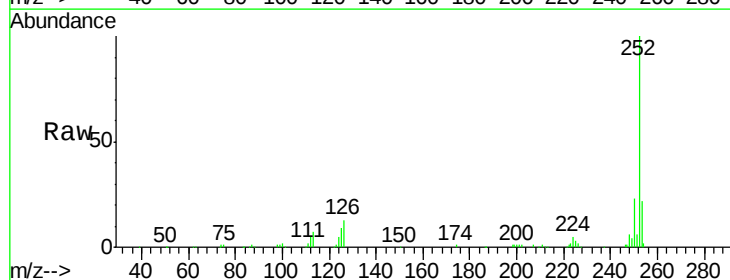
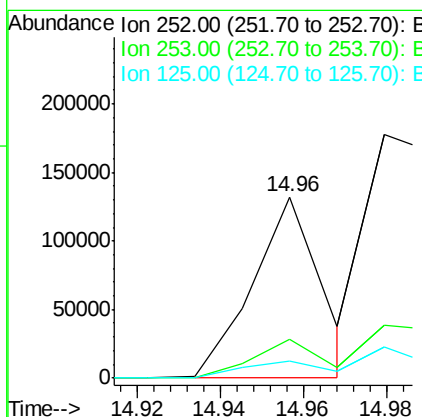
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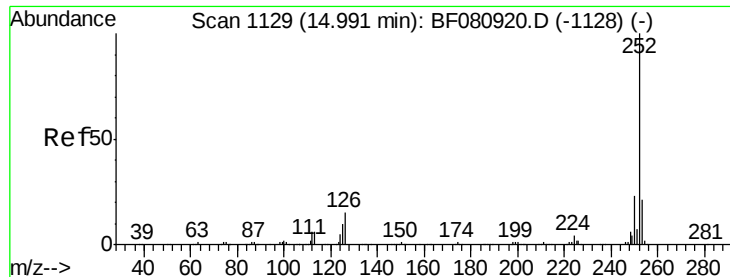
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#87
Benzo(b)fluoranthene
Concen: 9.59 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	151368		
253	21.7	17.6	26.4	
125	9.1	6.1	9.1	





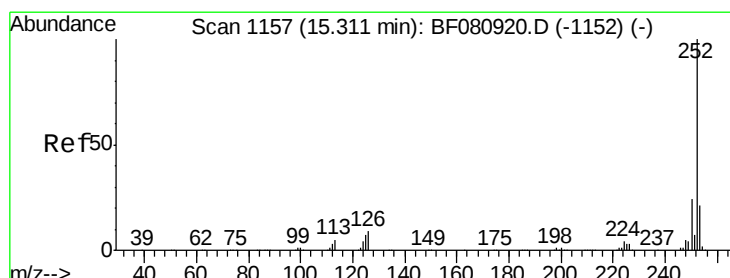
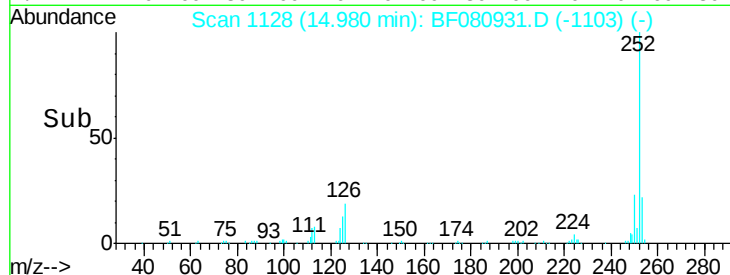
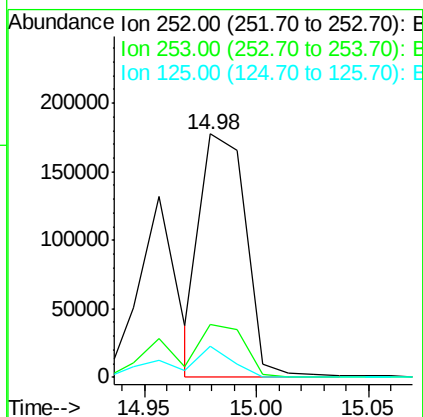
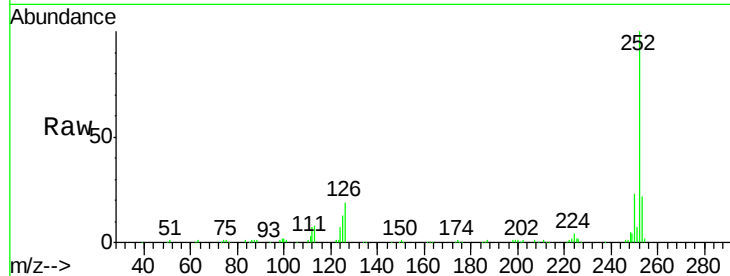
#88
Benzo(k)fluoranthene
Concen: 17.86 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Instrument :
BNA_F
ClientSampleId :
8536DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	12.8	9.0	13.6

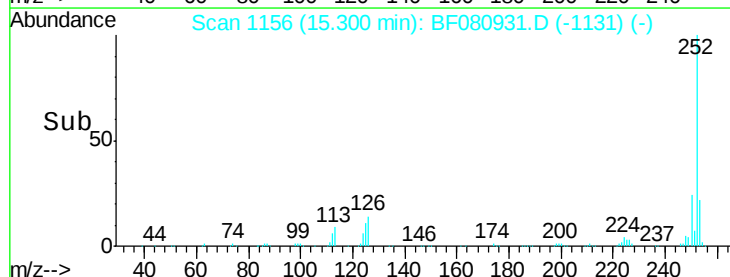
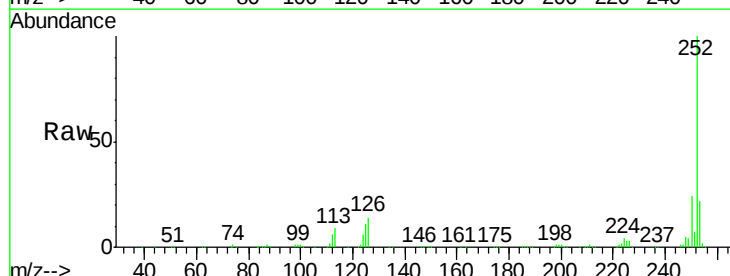
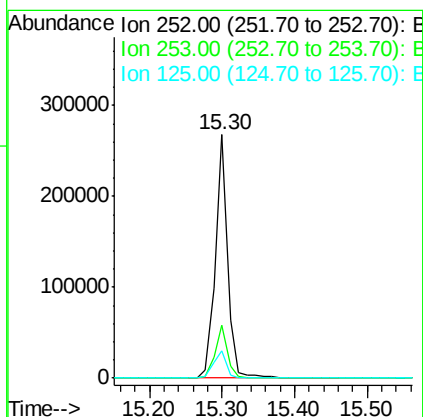
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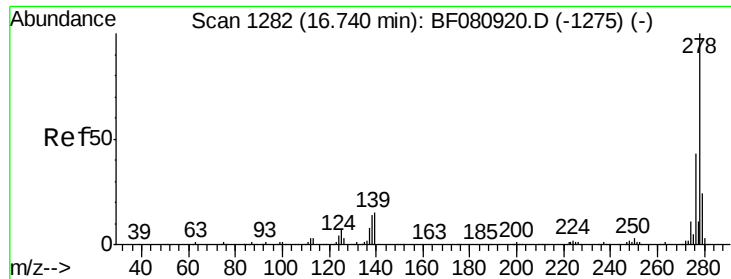
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#89
Benzo(a)pyrene
Concen: 23.21 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF080931.D
Acq: 7 Aug 2015 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.9	25.3
125	11.1	5.8	8.8#





#90
 Dibenzo(a,h)anthracene
 Concen: 23.14 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF080931.D
 Acq: 7 Aug 2015 17:23

Instrument :
 BNA_F
 ClientSampleId :
 8536DL

Tot Ion:	278	Resp:	277543
Ion Ratio	Lower	Upper	
278	100		
139	15.0	11.9	17.9
279	22.6	19.0	28.6

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