

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080981.D
 Acq On : 13 Aug 2015 15:07
 Operator : UM/IZ
 Sample : G3248-11MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Manual Integrations
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 8/14/2015 3:08:42 PM

Quant Time: Aug 14 05:58:17 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	6.75	152	35783	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	164157	20.00	ng	-0.07
38) Acenaphthene-d10	9.79	164	74965	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	178391	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	128156	20.00	ng	-0.08
86) Perylene-d12	15.27	264	98285	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	218308	99.68	ng	-0.03
7) Phenol-d6	6.38	99	247748	82.55	ng	-0.06
23) Nitrobenzene-d5	7.31	82	193615	55.79	ng	-0.07
41) 2,4,6-Tribromophenol	10.57	330	45070	54.73	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	410760	77.14	ng	-0.06
78) Terphenyl-d14	12.84	244	278910	44.95	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	25538	24.58	ng	# 82
3) Pyridine	3.00	79	72827	24.72	ng	# 86
4) n-Nitrosodimethylamine	2.93	42	55585	36.96	ng	# 81
6) Aniline	6.41	93	66638	15.11	ng	# 80
8) 2-Chlorophenol	6.53	128	73652	29.06	ng	94
9) Benzaldehyde	6.29	77	52169	25.79	ng	100
10) Phenol	6.40	94	77009	21.63	ng	77
11) bis(2-Chloroethyl)ether	6.49	93	66256	24.92	ng	91
12) 1,3-Dichlorobenzene	6.69	146	67570	25.12	ng	97
13) 1,4-Dichlorobenzene	6.77	146	76626	27.42	ng	99
14) 1,2-Dichlorobenzene	6.92	146	72782	28.81	ng	98
15) Benzyl Alcohol	6.90	79	77194	31.43	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	151766	28.37	ng	99
17) 2-Methylphenol	7.01	107	61837	28.59	ng	# 92
18) Hexachloroethane	7.26	117	34233	31.97	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	68235	31.11	ng	98
20) 3+4-Methylphenols	7.16	107	79713	29.33	ng	# 75
22) Acetophenone	7.16	105	120605	29.98	ng	# 99
24) Nitrobenzene	7.33	77	98397	27.54	ng	98
25) Isophorone	7.57	82	150014	22.48	ng	# 92
26) 2-Nitrophenol	7.65	139	42117	28.01	ng	95
27) 2,4-Dimethylphenol	7.70	122	83963	29.83	ng	96
28) bis(2-Chloroethoxy)methane	7.79	93	106022	26.46	ng	97
29) 2,4-Dichlorophenol	7.89	162	68949	29.81	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	74187	29.34	ng	# 94
31) Naphthalene	8.05	128	328286	36.28	ng	99
33) 4-Chloroaniline	8.11	127	67757	18.43	ng	95
34) Hexachlorobutadiene	8.18	225	43069	28.63	ng	96
35) Caprolactam	8.46	113	24430	29.36	ng	# 39
36) 4-Chloro-3-methylphenol	8.59	107	83260	29.50	ng	99
37) 2-Methylnaphthalene	8.75	142	200964	34.89	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	63160	27.33	ng	# 96
40) Hexachlorocyclopentadiene	8.90	237	74228	58.86	ng	94
42) 2,4,6-Trichlorophenol	9.02	196	43548	25.71	ng	98

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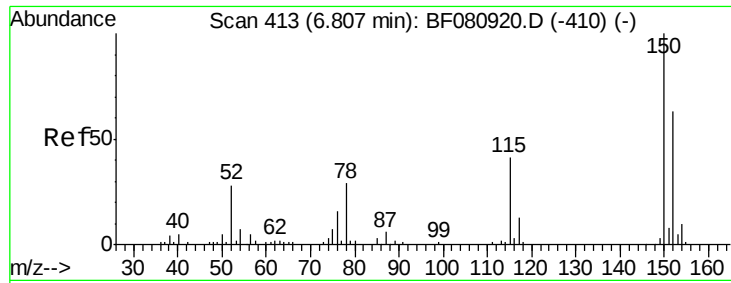
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Quant Time: Aug 14 05:58:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	37785	22.14	nq	# 72
45) 1,1'-Biphenyl	9.21	154	188290	29.27	nq	97
46) 2-Chloronaphthalene	9.23	162	141502	28.21	nq	93
47) 2-Nitroaniline	9.33	65	65797	32.71	nq	# 84
48) Acenaphthylene	9.64	152	238478	27.35	nq	100
49) Dimethylphthalate	9.52	163	242490	38.94	nq	99
50) 2,6-Dinitrotoluene	9.57	165	40494	31.48	nq	88
51) Acenaphthene	9.81	154	136601	25.58	nq	99
52) 3-Nitroaniline	9.73	138	33653	21.22	nq	87
54) Dibenzofuran	9.98	168	194677	26.96	nq	92
55) 4-Nitrophenol	9.89	139	45831	38.60	nq	# 37
56) 2,4-Dinitrotoluene	9.97	165	54229	31.50	nq	# 83
57) Fluorene	10.33	166	164128	29.38	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	23063	17.07	nq	# 87
59) Diethylphthalate	10.21	149	200730	30.97	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	86473	31.77	nq	88
61) 4-Nitroaniline	10.35	138	46692	28.61	nq	93
62) Azobenzene	10.49	77	232462	32.07	nq	94
64) 4,6-Dinitro-2-methylphenol	10.37	198	6614	5.98	nq	# 51
65) n-Nitrosodiphenylamine	10.44	169	154767	24.97	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	39964	21.15	nq	# 80
67) Hexachlorobenzene	10.88	284	44545	21.21	nq	# 75
68) Atrazine	10.97	200	45153	24.85	nq	97
69) Pentachlorophenol	11.07	266	14787	12.11	nq	100
70) Phenanthrene	11.29	178	272210	26.95	nq	99
71) Anthracene	11.33	178	236026	23.60	nq	99
72) Carbazole	11.49	167	266633	27.38	nq	97
73) Di-n-butylphthalate	11.84	149	368635	30.28	nq	98
74) Fluoranthene	12.47	202	236331	21.64	nq	97
76) Benzidine	12.59	184	87171	13.26	nq	98
77) Pyrene	12.69	202	250177	26.43	nq	99
79) Butylbenzylphthalate	13.32	149	133289	29.20	nq	# 72
80) Benzo(a)anthracene	13.87	228	165425	20.44	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	38141	12.95	nq	97
82) Chrysene	13.92	228	160734	20.74	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	193993	30.55	nq	# 95
84) Di-n-octyl phthalate	14.49	149	295847	27.48	nq	96
85) Indeno(1,2,3-cd)pyrene	16.57	276	48259	6.54	nq	99
87) Benzo(b)fluoranthene	14.88	252	140788m	20.60	nq	
88) Benzo(k)fluoranthene	14.91	252	81058m	13.56	nq	
89) Benzo(a)pyrene	15.21	252	90642	15.43	nq	# 94
90) Dibenzo(a,h)anthracene	16.59	278	42887	8.25	nq	98
91) Benzo(g,h,i)perylene	16.97	276	34449	6.82	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080981.D

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Instrument :

BNA_F

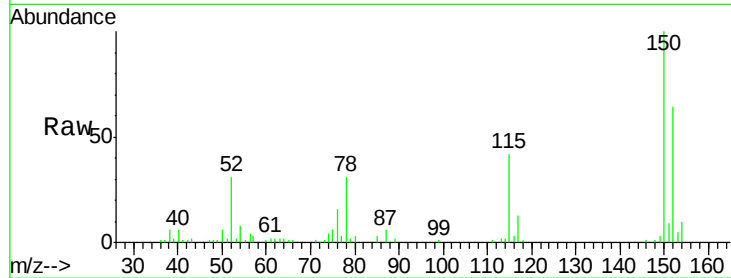
ClientSampleId :

CSB-03MSD

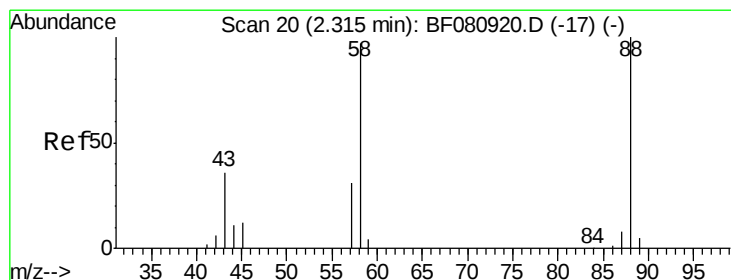
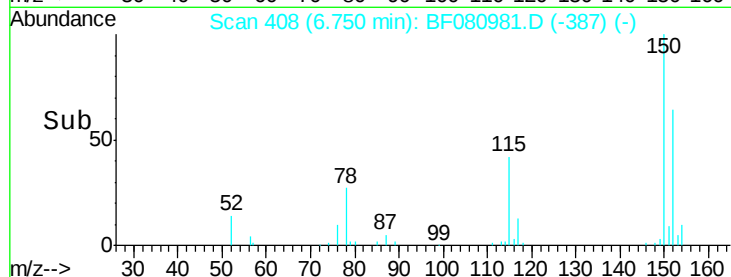
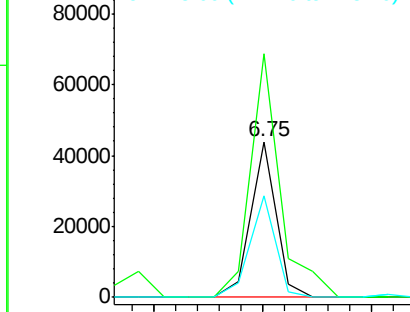
Tot Ion:	152	Resp:	35783
Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.4	191.2
115	65.2	52.6	78.8

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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



#2

1,4-Dioxane

Concen: 24.58 ng

RT: 2.32 min Scan# 20

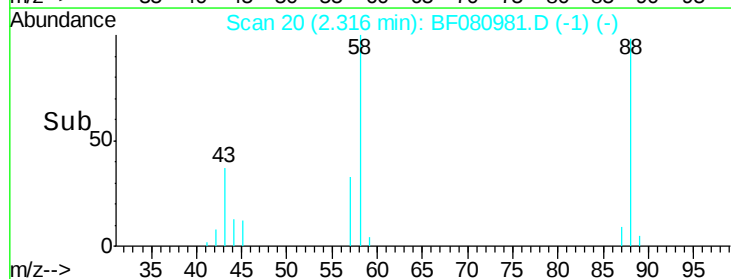
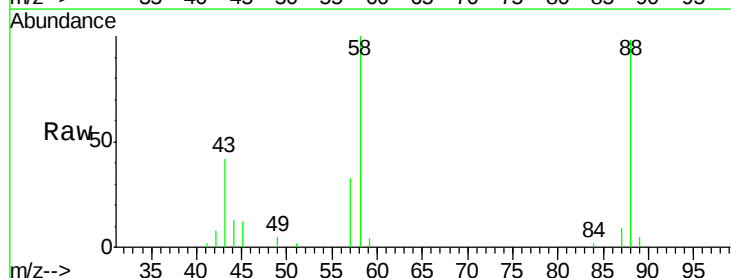
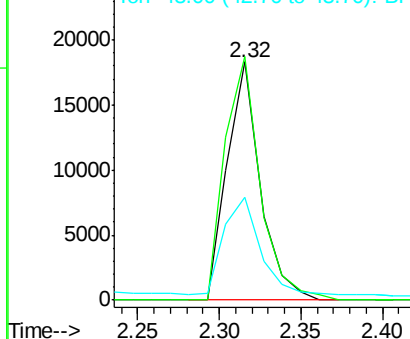
Delta R.T. 0.00 min

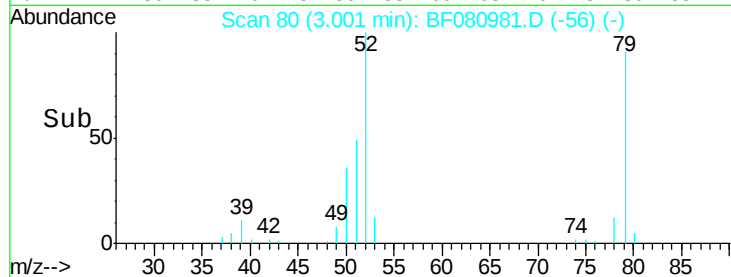
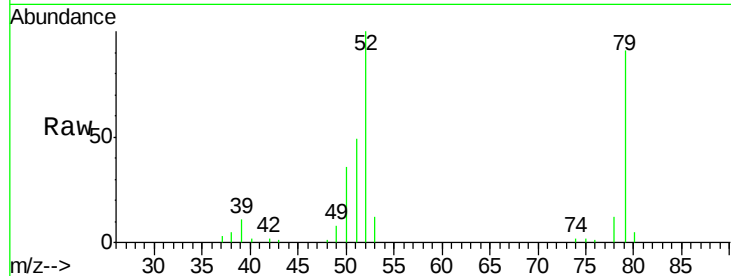
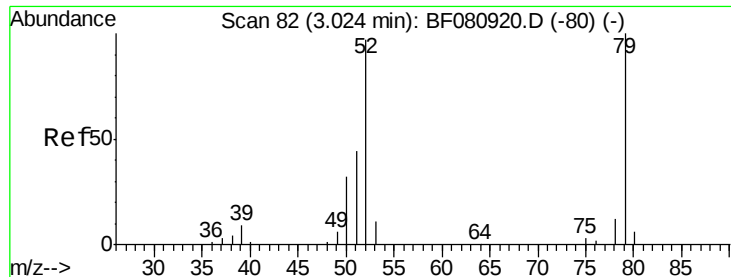
Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	88	Resp:	25538
Ion	Ratio	Lower	Upper
88	100		
58	109.3	79.3	118.9
43	57.6	28.3	42.5#

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





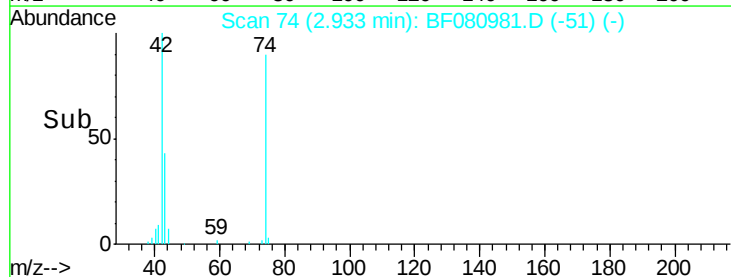
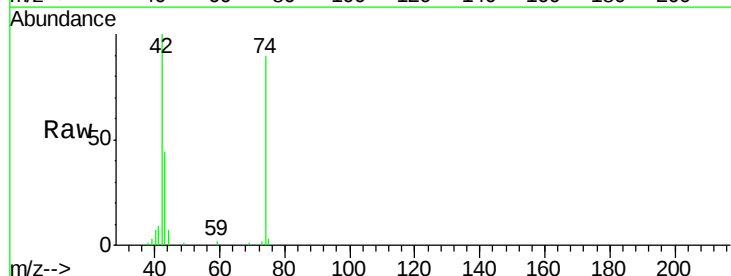
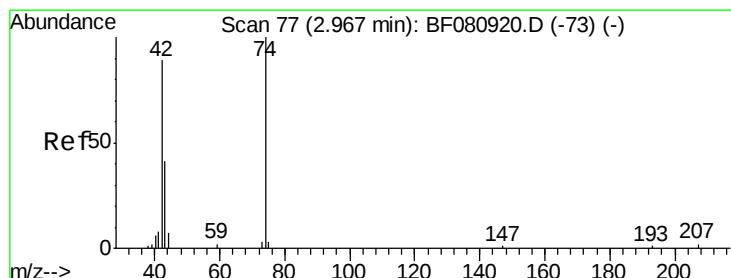
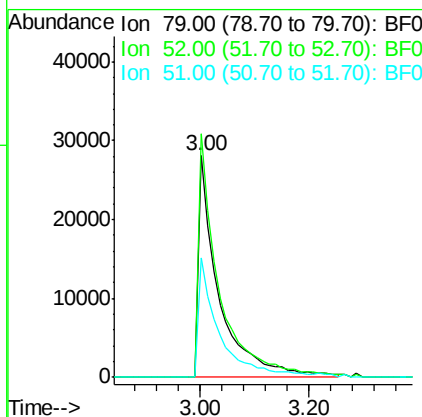
#3
 Pvridine
 Concen: 24.72 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.02 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tot Ion	Ratio	Lower	Upper
79	100		
52	109.8	77.2	115.8
51	54.0	35.0	52.4

Instrument :
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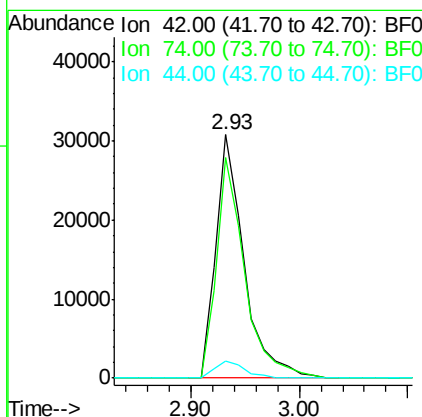
Manual Integrations
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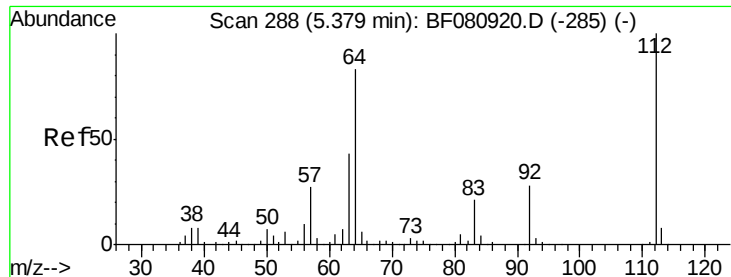
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#4
 n-Nitrosodimethylamine
 Concen: 36.96 ng
 RT: 2.93 min Scan# 74
 Delta R.T. -0.03 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	90.4	89.8	134.8
44	7.0	6.5	9.7





#5

2-Fluorophenol

Concen: 99.68 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

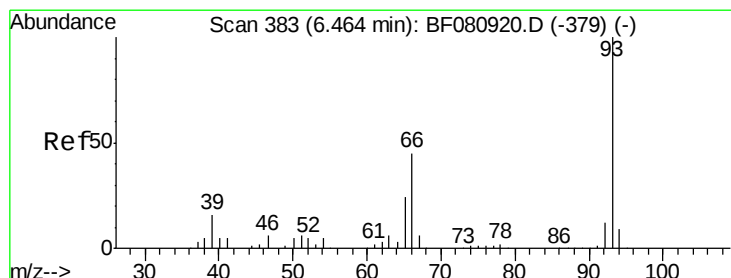
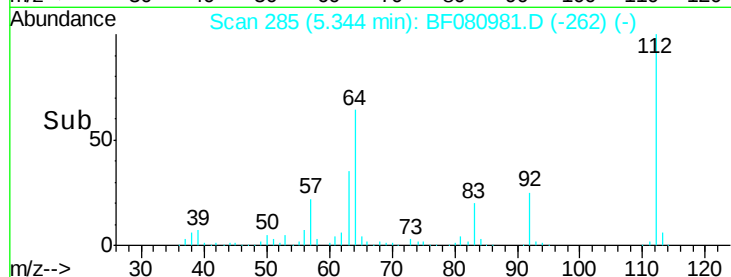
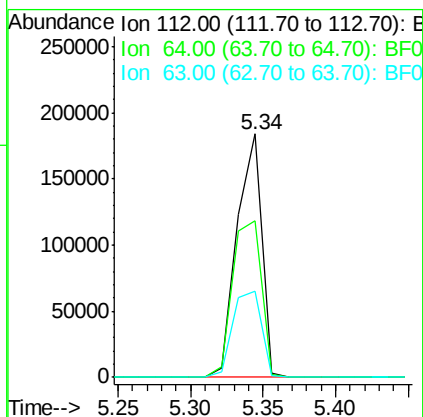
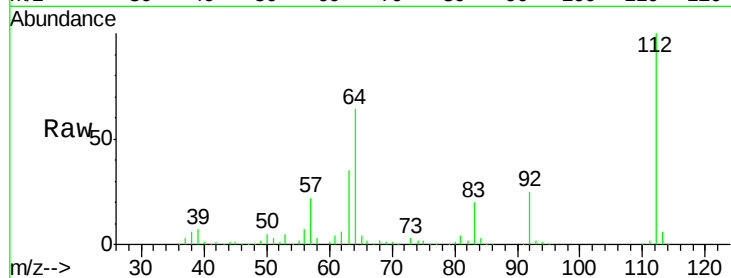
ClientSampleId :

CSB-03MSD

Tot Ion:	112	Resp:	218308
Ion Ratio	Lower	Upper	
112	100		
64	64.3	66.1	99.1#
63	35.3	34.6	52.0

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#6

Aniline

Concen: 15.11 ng

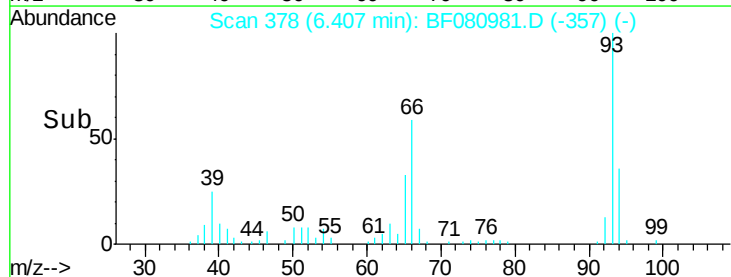
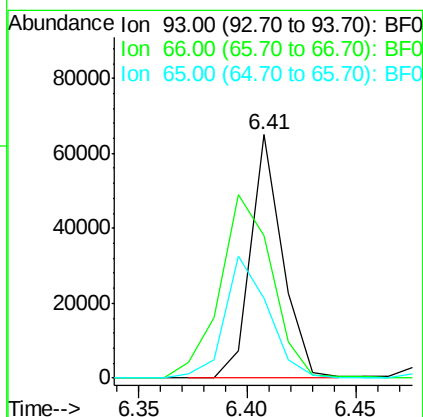
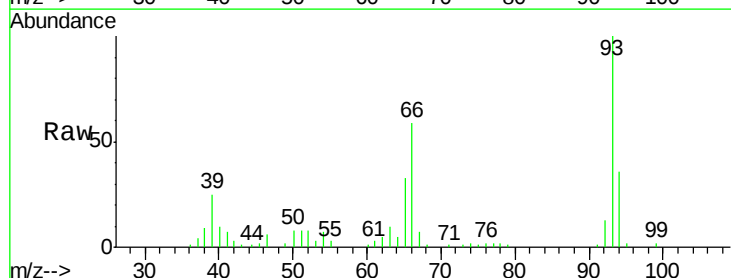
RT: 6.41 min Scan# 378

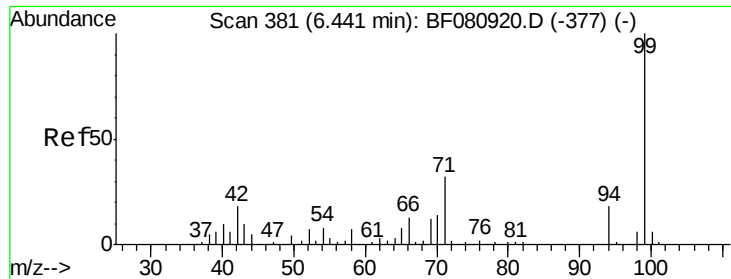
Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	93	Resp:	66638
Ion Ratio	Lower	Upper	
93	100		
66	58.6	36.2	54.4#
65	32.6	19.0	28.4#





#7

Phenol-d6

Concen: 82.55 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

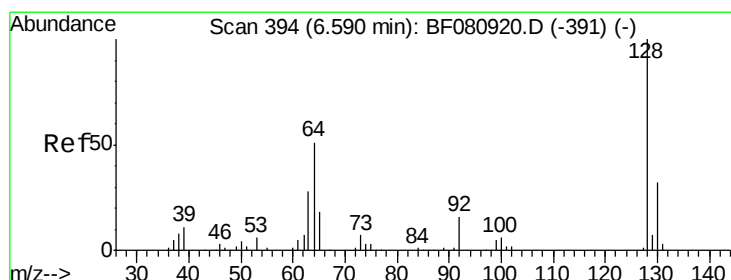
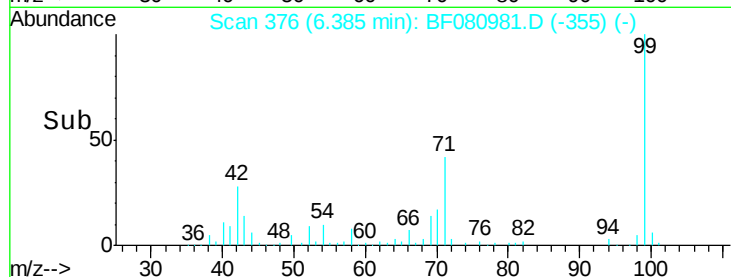
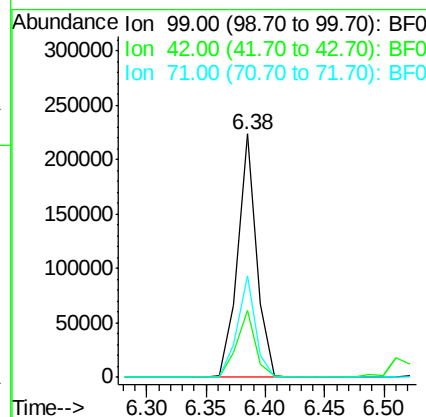
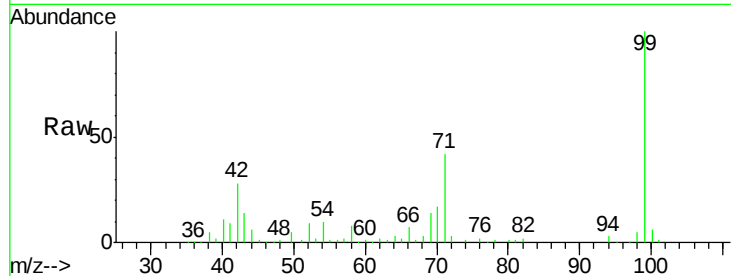
ClientSampleId :

CSB-03MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		247748		
42	27.7	14.4	21.6#		
71	41.7	25.8	38.8#		

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#8

2-Chlorophenol

Concen: 29.06 ng

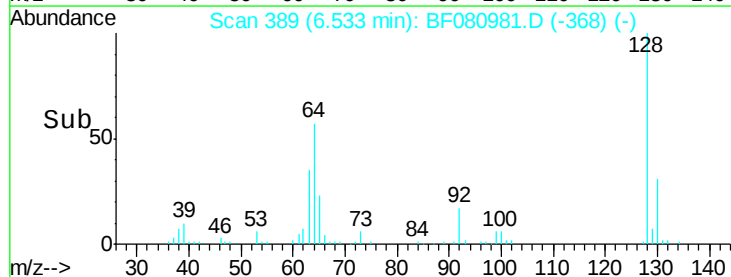
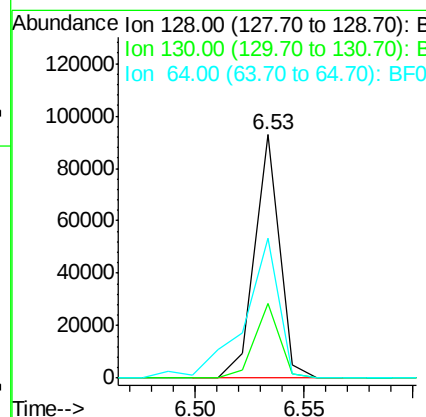
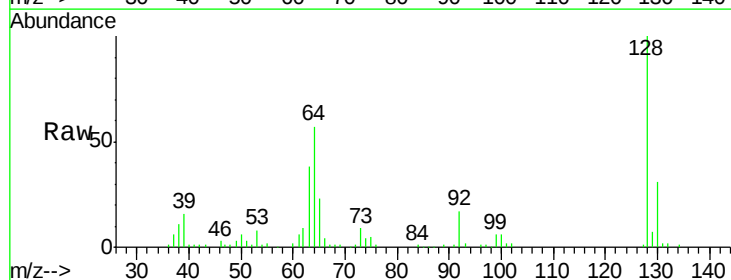
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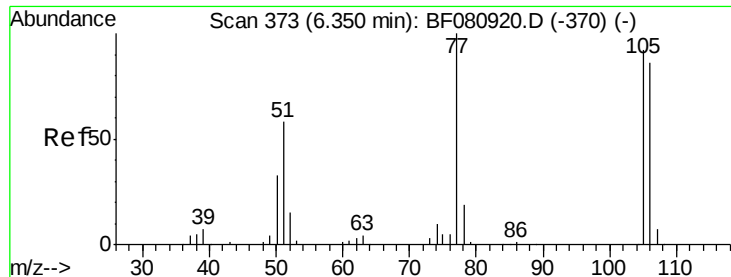
Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		73652		
130	30.6	12.4	52.4		
64	57.4	32.1	72.1		





#9

Benzaldehyde

Concen: 25.79 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

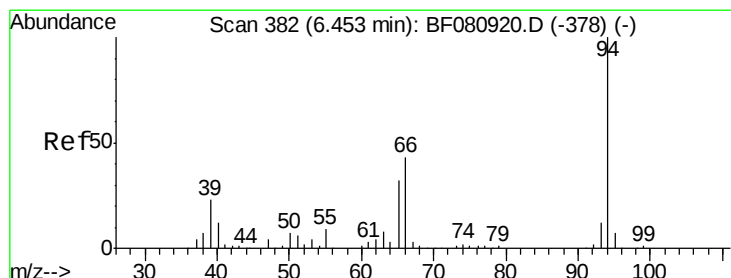
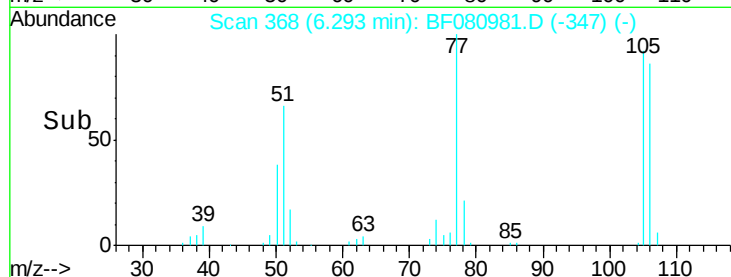
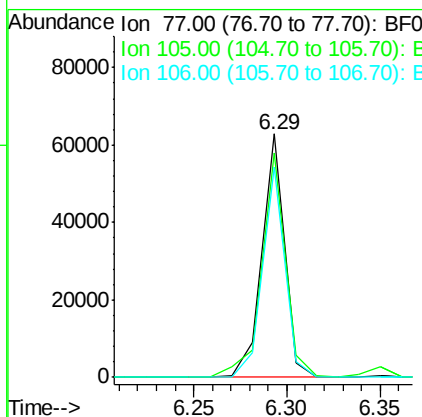
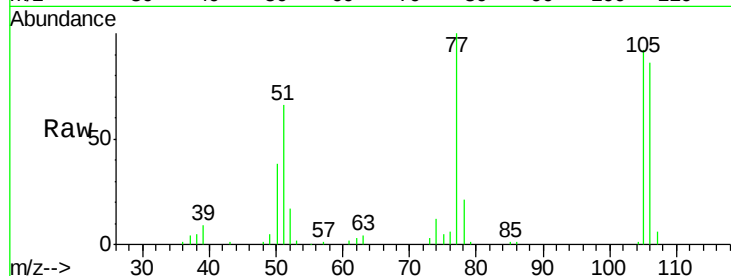
ClientSampleId :

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Tot Ion:	77	Resp:	52169
Ion	Ratio	Lower	Upper
77	100		
105	92.0	71.6	111.6
106	86.2	65.7	105.7



#10

Phenol

Concen: 21.63 ng

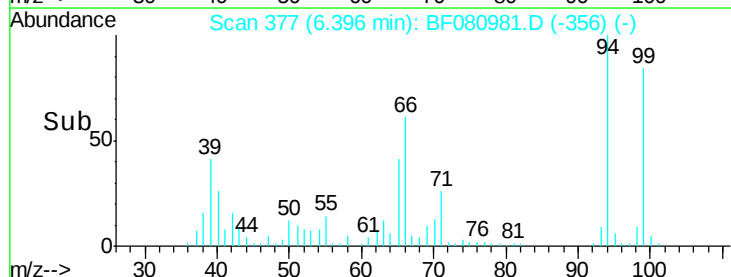
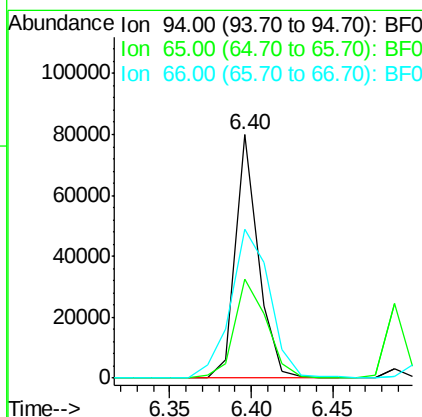
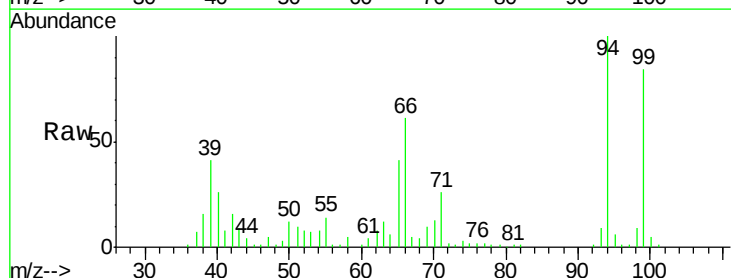
RT: 6.40 min Scan# 377

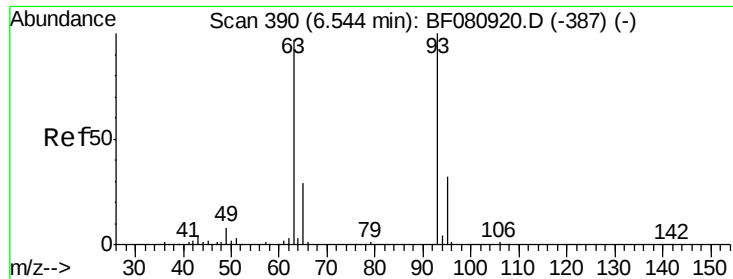
Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	94	Resp:	77009
Ion	Ratio	Lower	Upper
94	100		
65	40.8	11.8	51.8
66	61.3	22.9	62.9





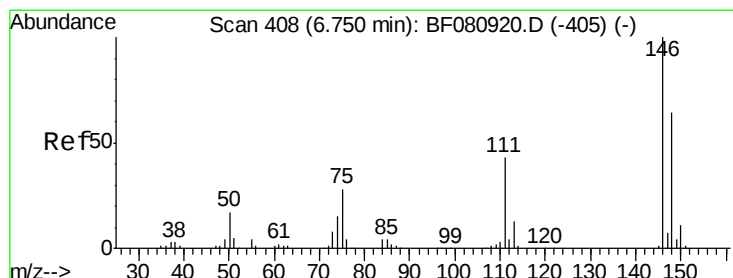
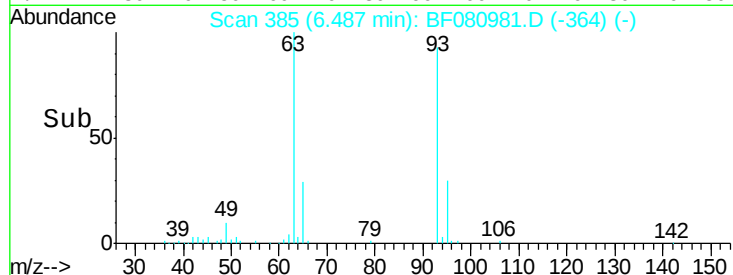
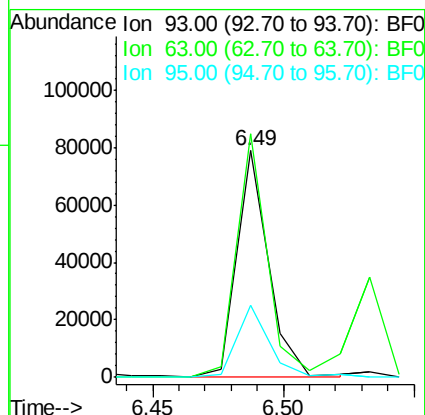
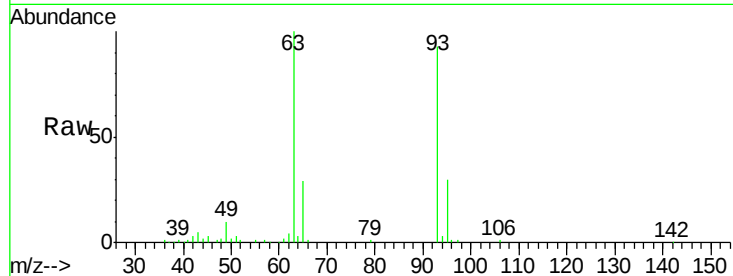
#11
bis(2-Chloroethyl)ether
Concen: 24.92 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	107.5	76.7	116.7
95	31.8	12.3	52.3

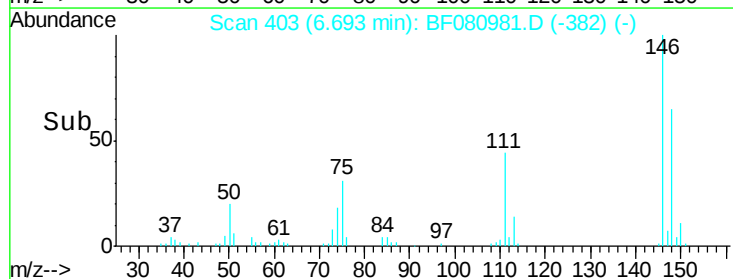
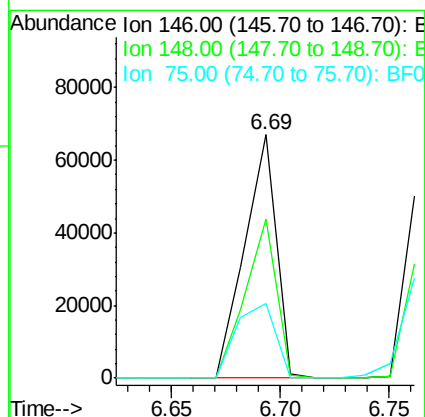
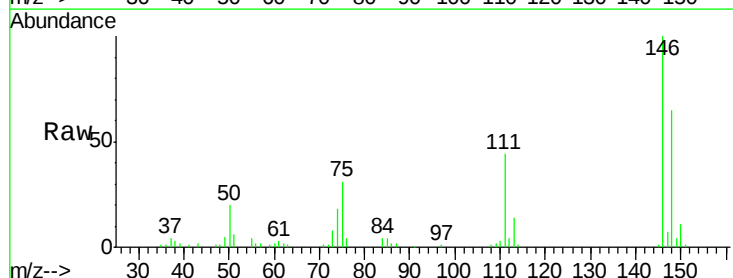
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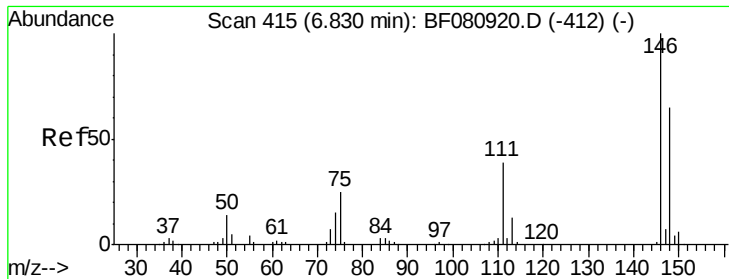
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#12
1,3-Dichlorobenzene
Concen: 25.12 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
75	30.5	22.2	33.4





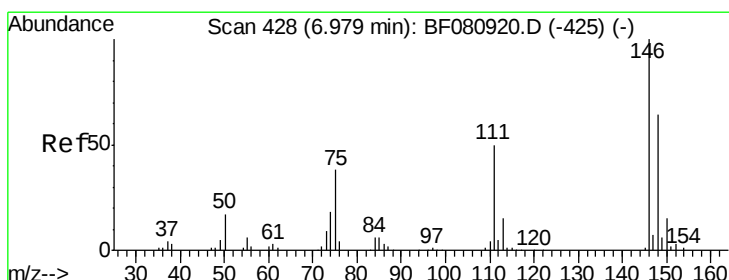
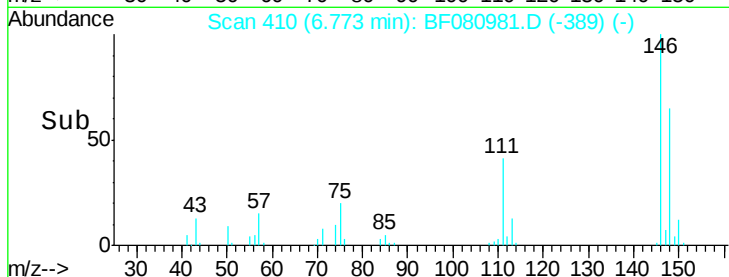
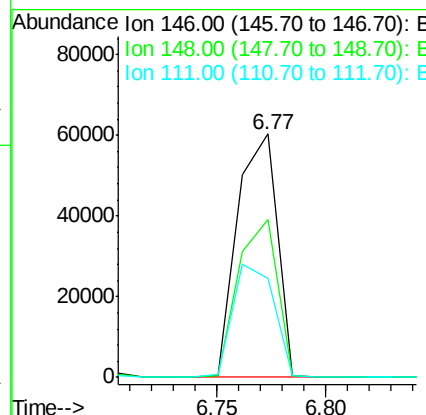
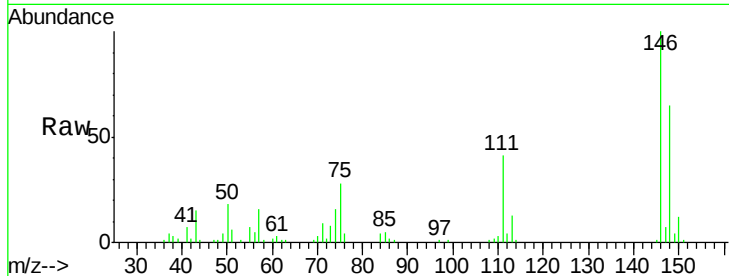
#13
 1,4-Dichlorobenzene
 Concen: 27.42 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
111	40.6	31.5	47.3

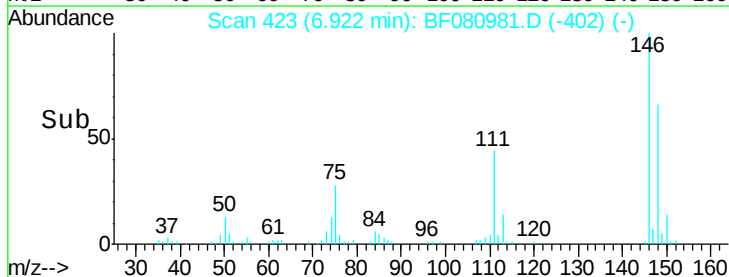
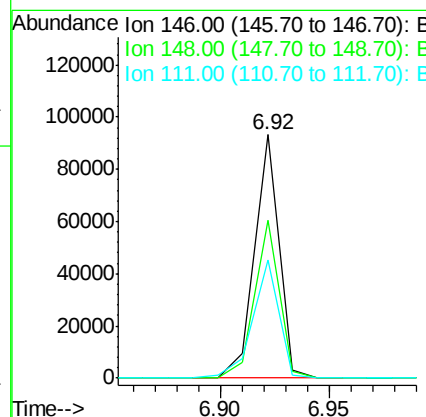
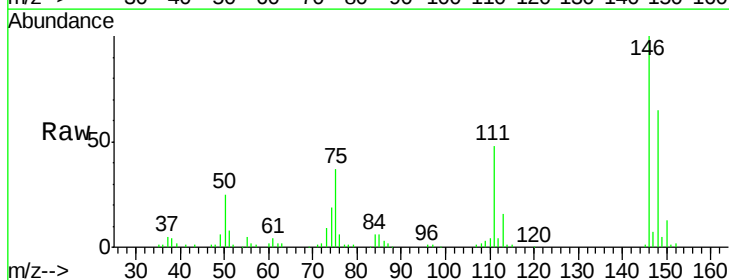
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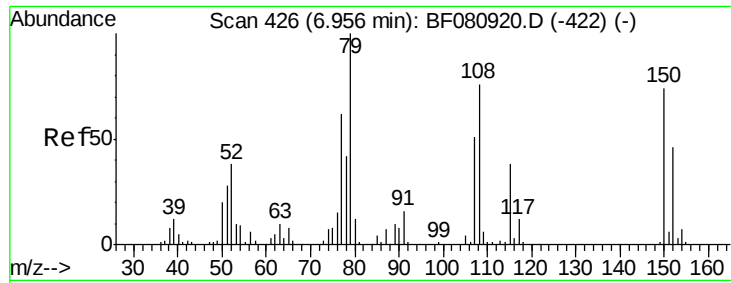
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#14
 1,2-Dichlorobenzene
 Concen: 28.81 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	48.4	40.0	60.0





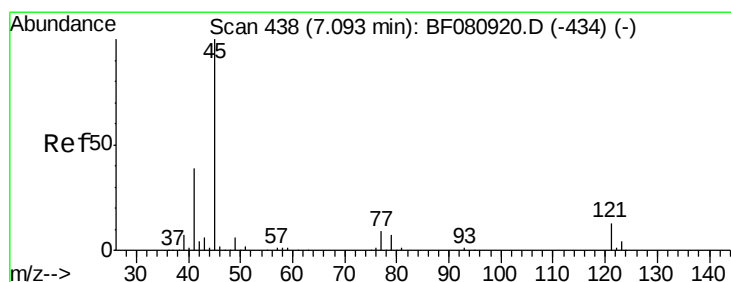
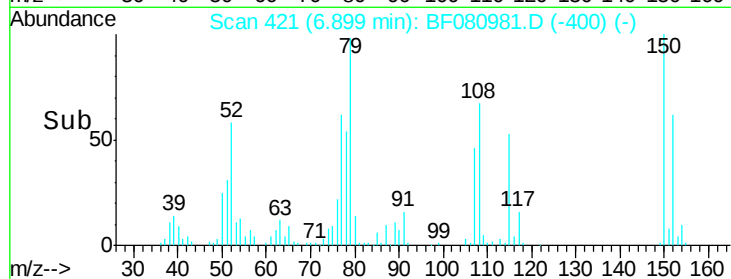
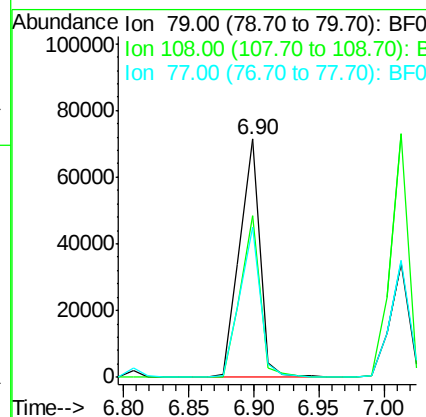
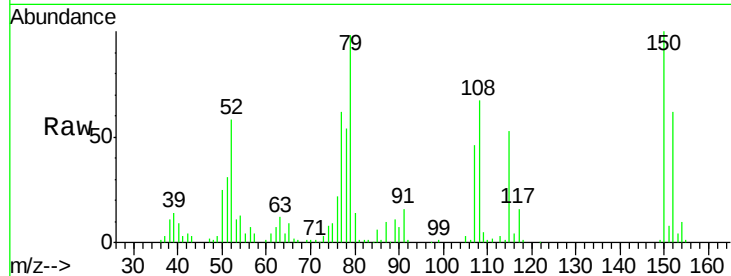
#15
Benzyl Alcohol
Concen: 31.43 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampled :
CSB-03MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.1	60.9	91.3
77	62.9	49.4	74.0

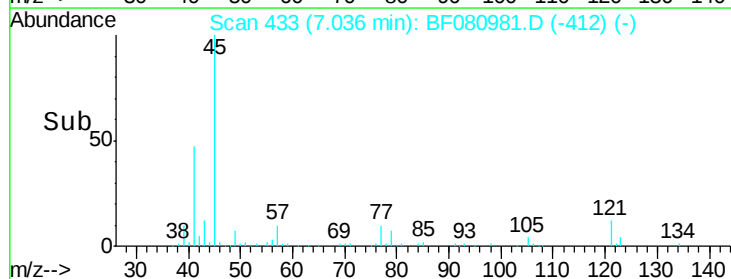
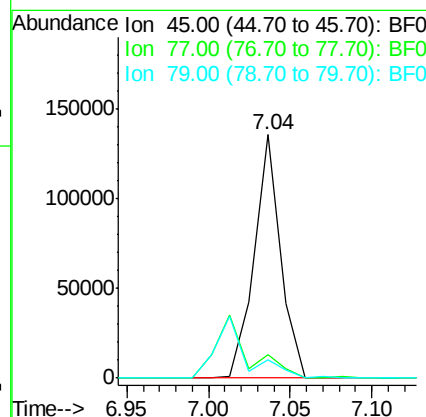
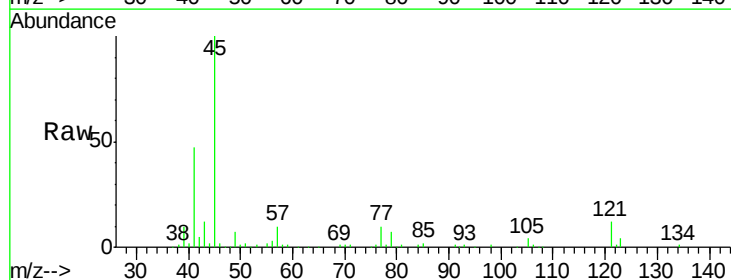
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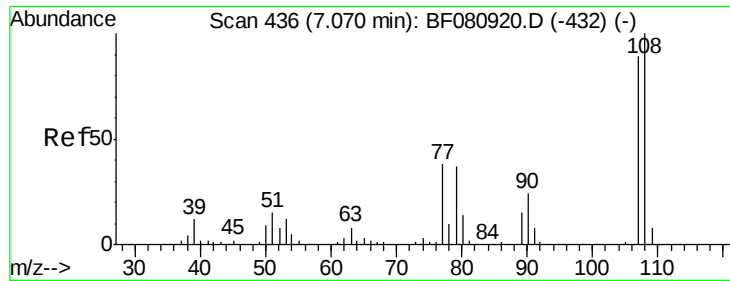
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.37 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	29.6
79	7.3	0.0	27.7





#17

2-Methylphenol

Concen: 28.59 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

ClientSampleId :

CSB-03MSD

Tot Ion:107 Resp: 61837

Ion Ratio Lower Upper

107 100

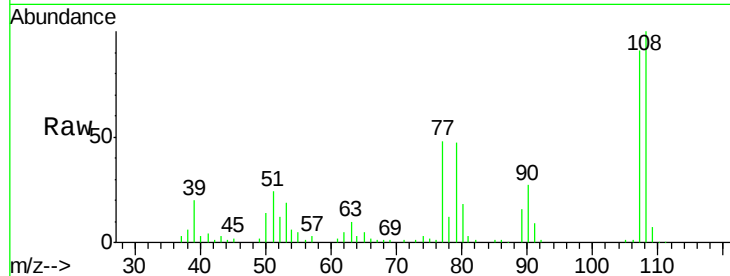
108 110.5 90.3 135.5

77 53.3 34.6 51.8#

79 52.0 33.6 50.4#

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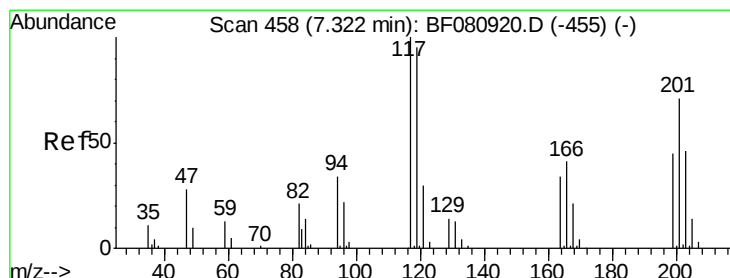
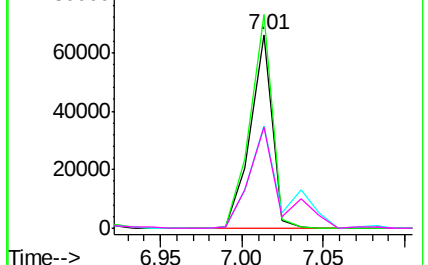
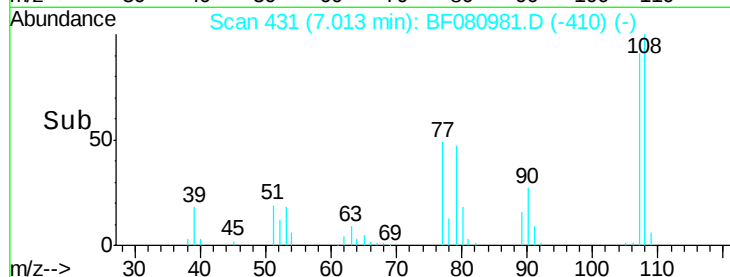


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.97 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

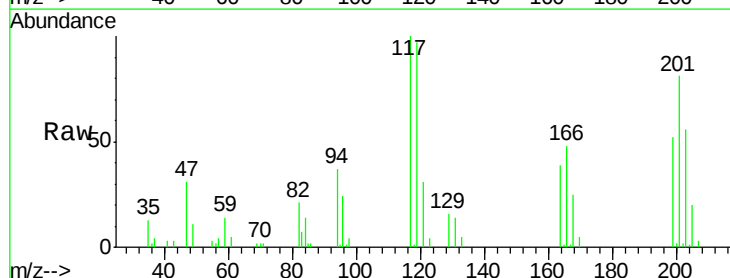
Tgt Ion:117 Resp: 34233

Ion Ratio Lower Upper

117 100

119 96.8 76.3 114.5

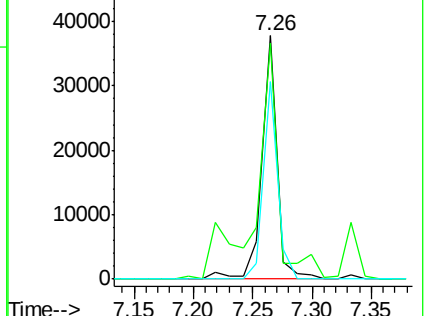
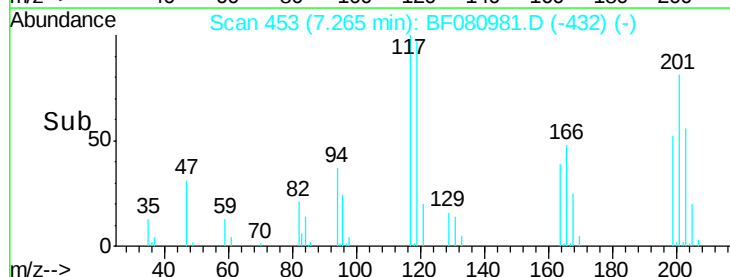
201 81.3 57.0 85.6

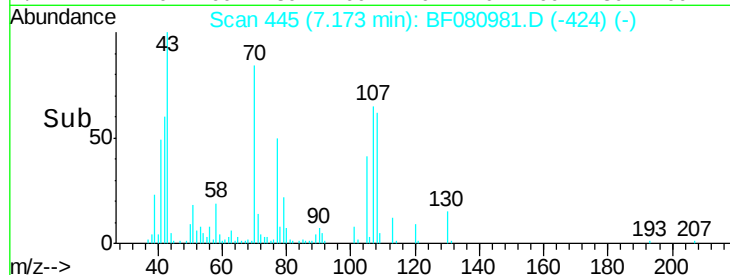
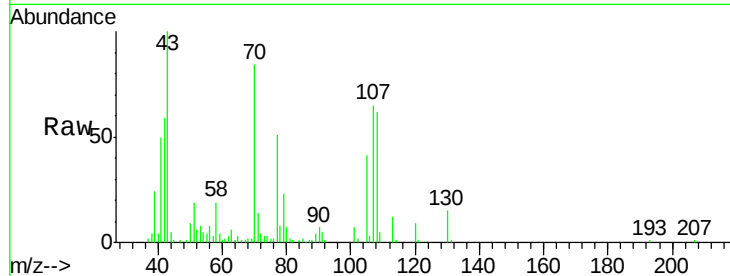
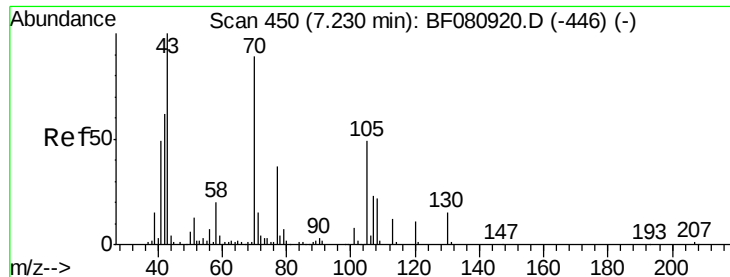


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





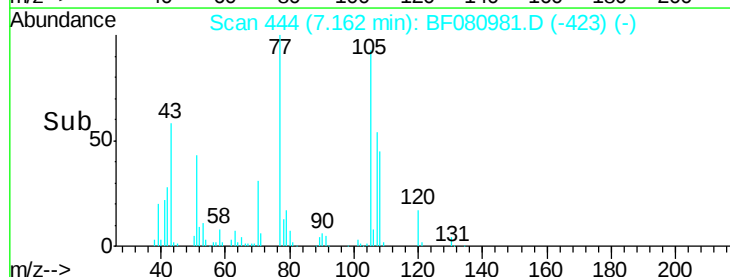
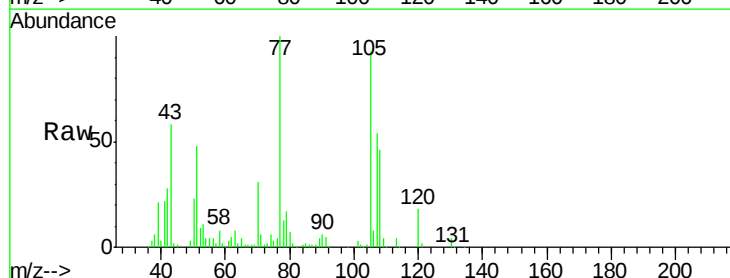
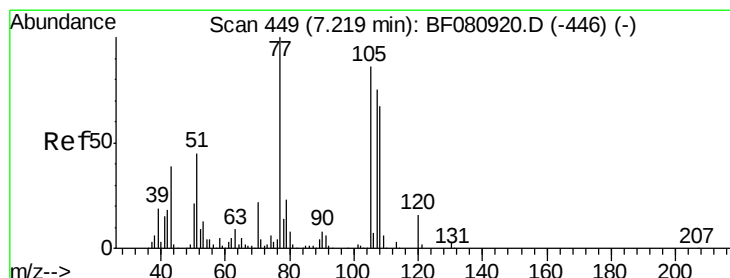
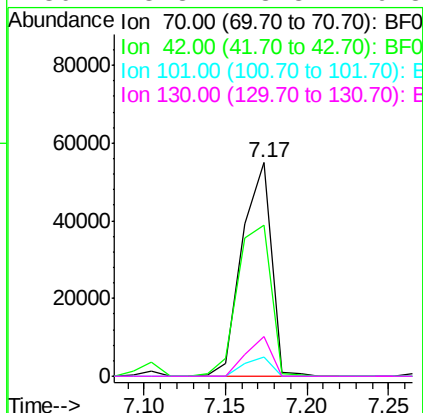
#19
n-Nitroso-di-n-propylamine
Concen: 31.11 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

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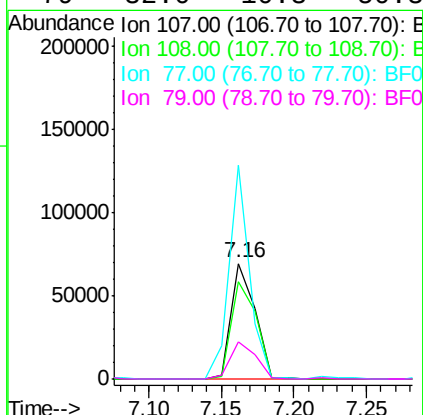
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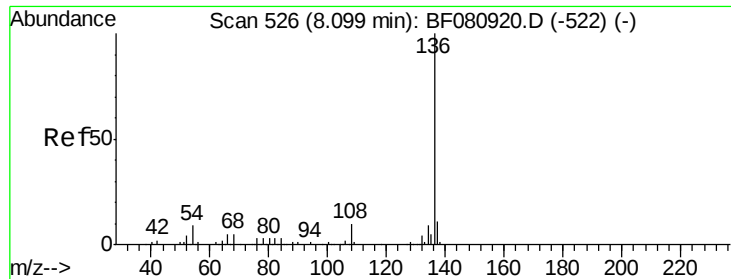
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.9	55.7	83.5	
101	9.0	7.0	10.6	
130	18.3	13.8	20.8	



#20
3+4-Methylphenols
Concen: 29.33 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.4	69.2	109.2	
77	184.9	113.0	153.0#	
79	32.0	10.3	50.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

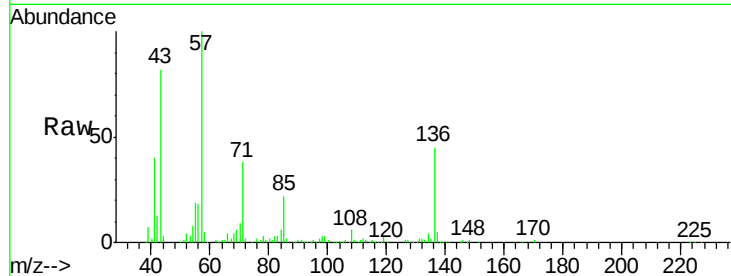
ClientSampleId :

CSB-03MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		164157		
137	11.5	8.5	12.7		
54	18.6	7.1	10.7#		
68	8.4	3.8	5.8#		

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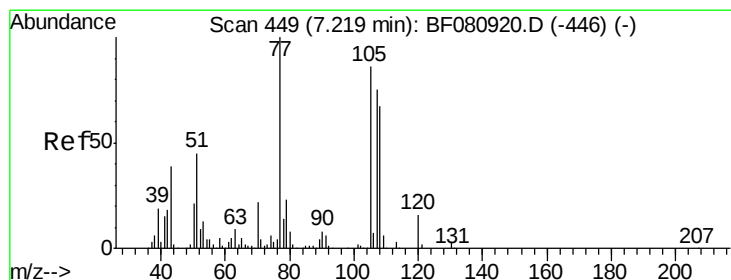
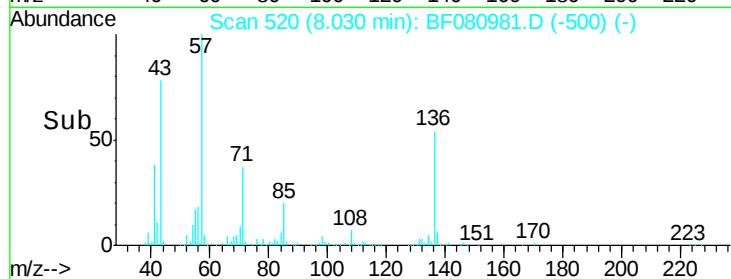
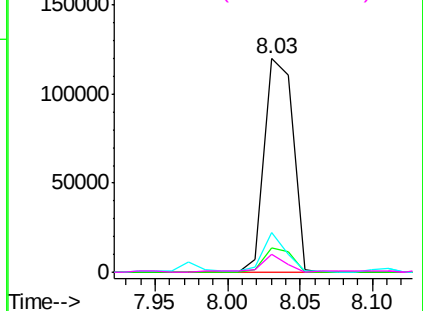


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.98 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

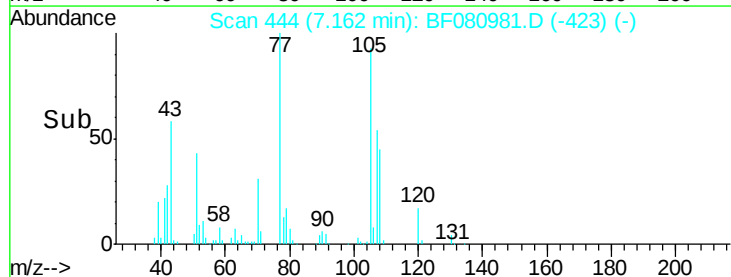
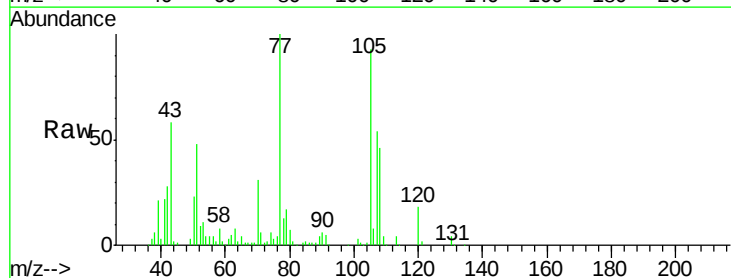
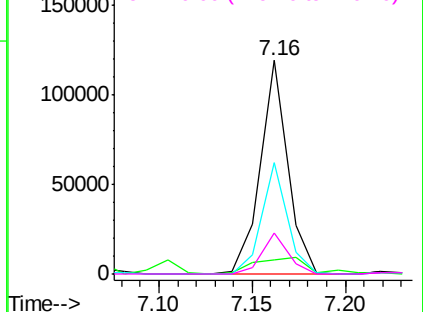
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		120605		
71	6.5	3.3	4.9#		
51	51.9	41.8	62.6		
120	18.9	15.1	22.7		

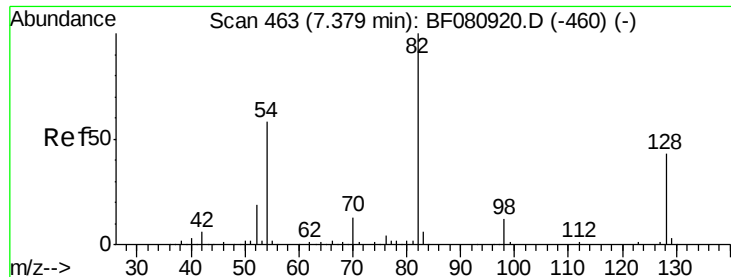
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





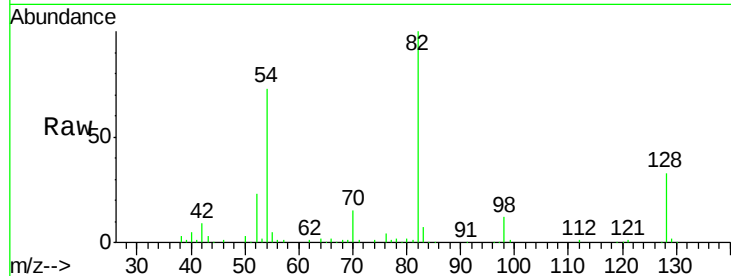
#23
 Nitrobenzene-d5
 Concen: 55.79 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

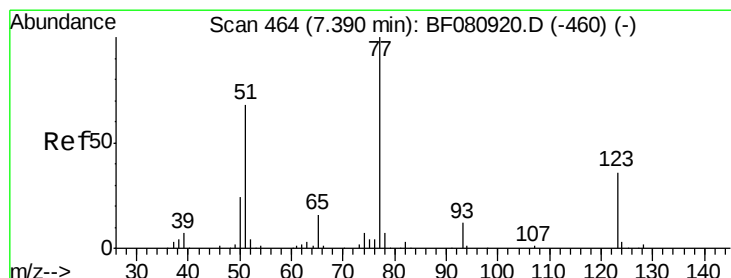
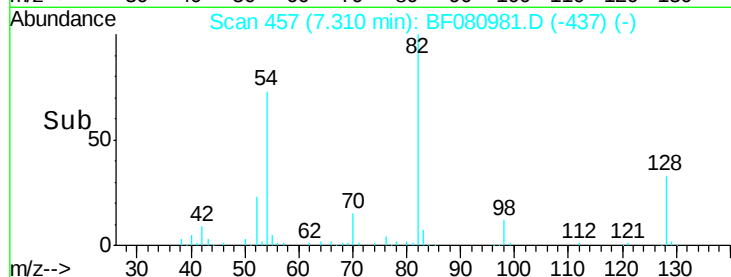
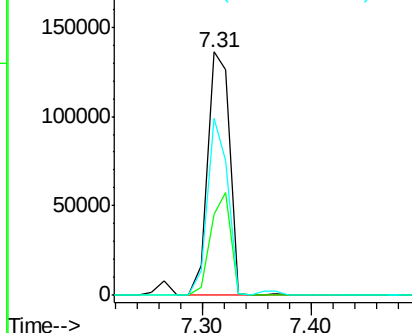
Tot Ion	Ratio	Resp	Lower	Upper
82	100	193615		
128	33.2	34.1	51.1#	
54	72.5	46.5	69.7#	

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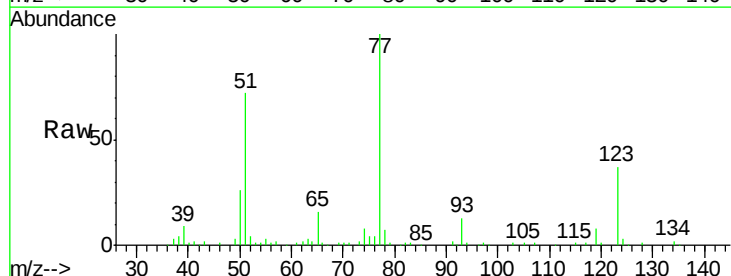


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

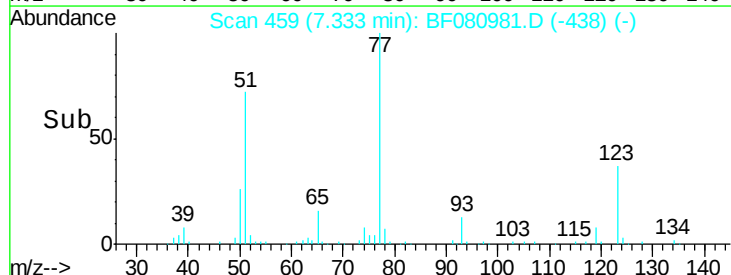
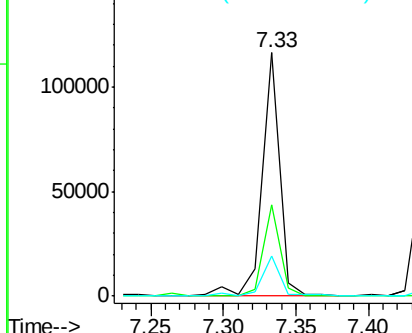


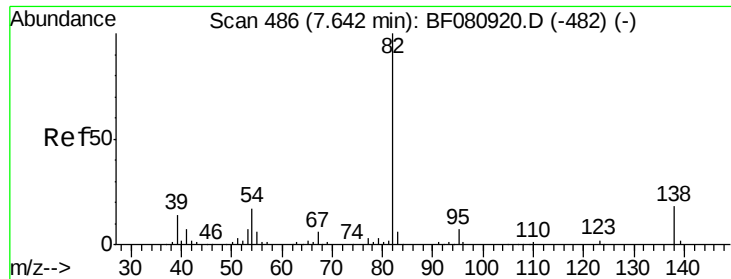
#24
 Nitrobenzene
 Concen: 27.54 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	98397		
123	37.5	28.7	43.1	
65	16.3	12.5	18.7	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 22.48 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

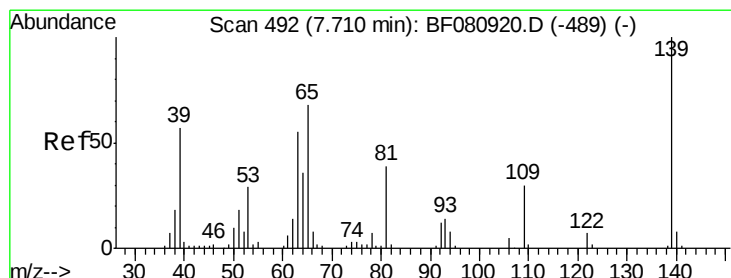
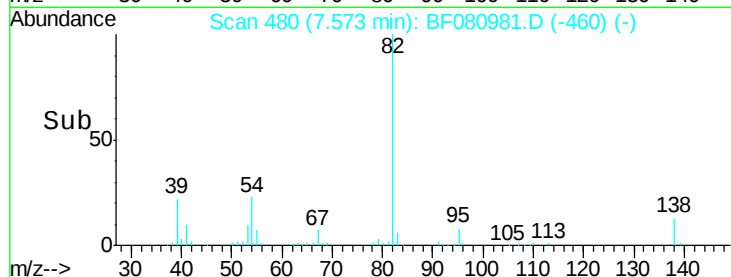
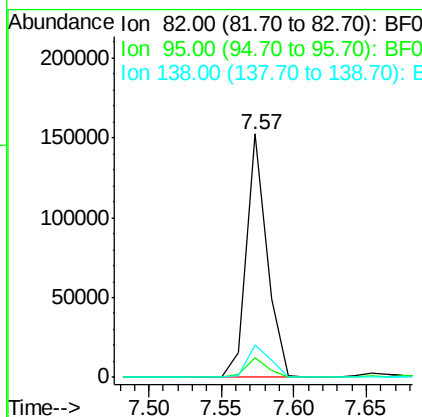
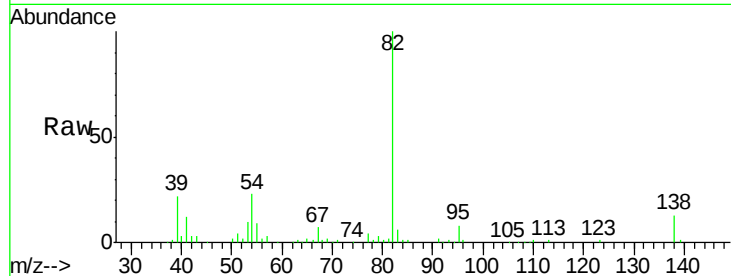
ClientSampleId :

CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.9	5.8	8.6	
138	13.2	14.1	21.1	

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#26

2-Nitrophenol

Concen: 28.01 ng

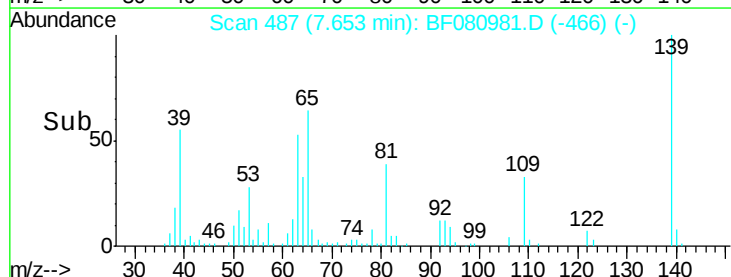
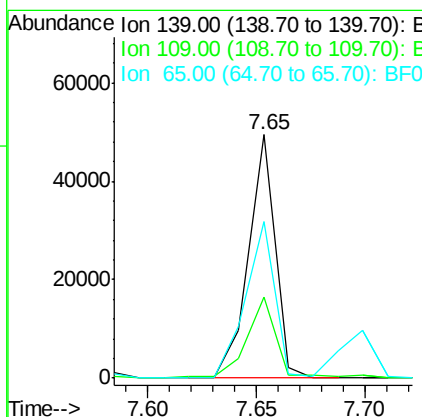
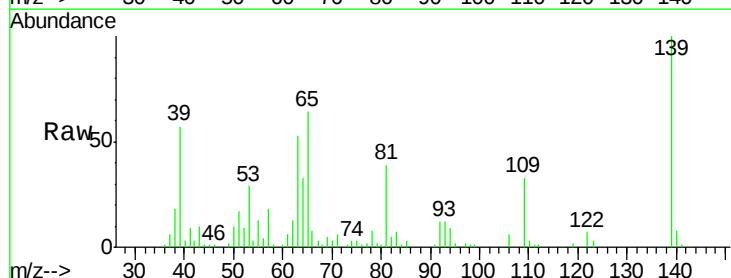
RT: 7.65 min Scan# 487

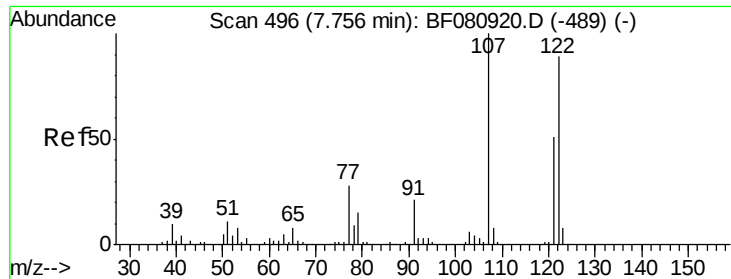
Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	33.4	24.1	36.1	
65	64.3	54.0	81.0	





#27

2,4-Dimethylphenol

Concen: 29.83 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

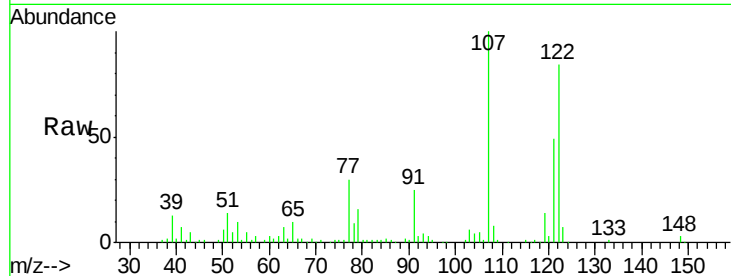
ClientSampleId :

CSB-03MSD

Tot Ion:	122	Resp:	83963
Ion Ratio	Lower	Upper	
122	100		
107	118.7	90.2	135.4
121	58.4	46.0	69.0

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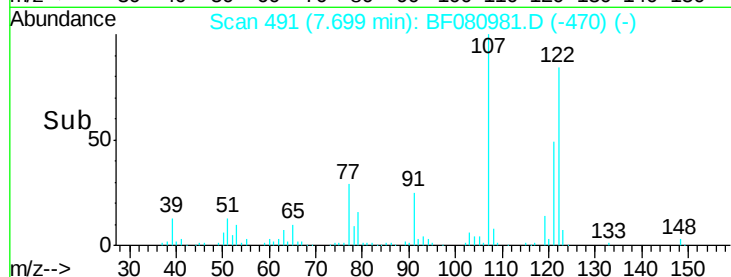


Abundance Ion 122.00 (121.70 to 122.70): E

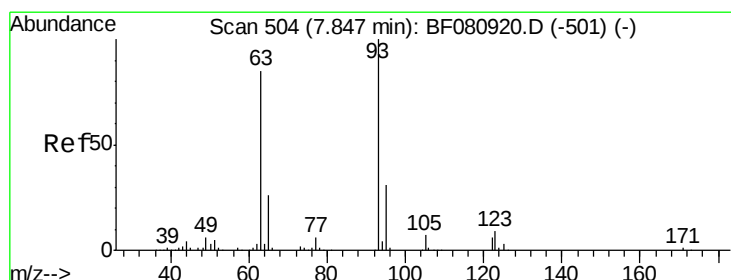
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 26.46 ng

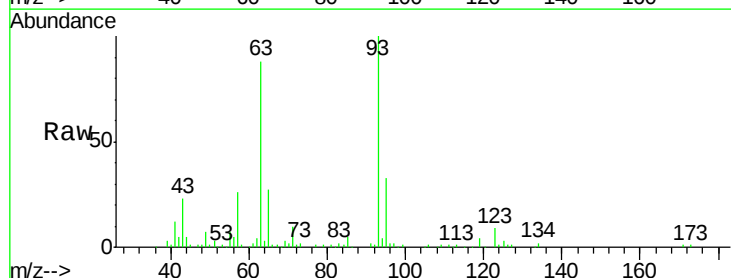
RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	93	Resp:	106022
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.0	37.4
123	9.2	7.4	11.0

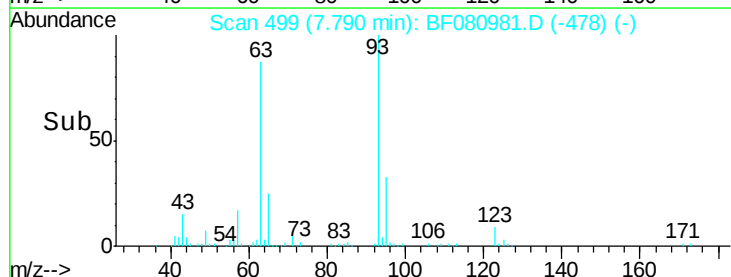


Abundance Ion 93.00 (92.70 to 93.70): BF0

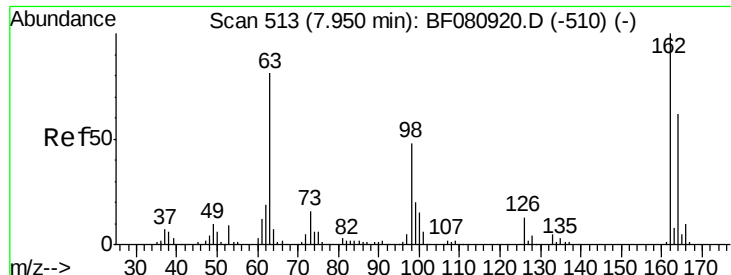
Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

Time-->



Time-->



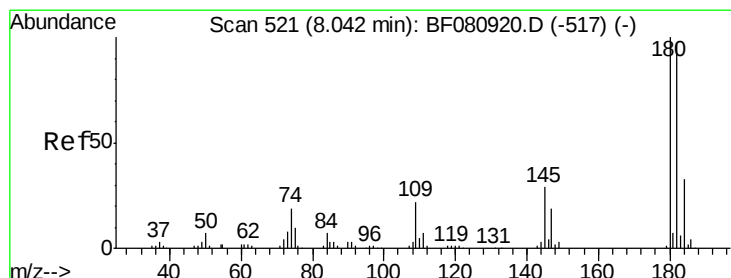
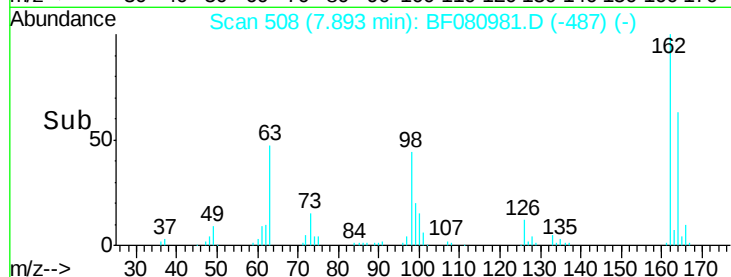
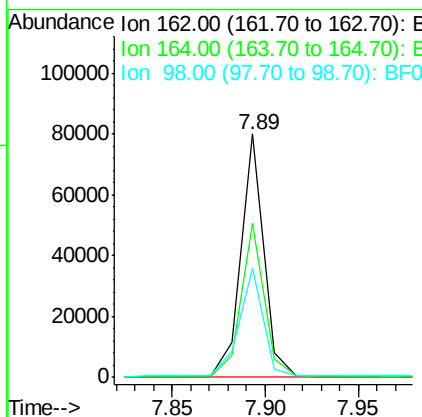
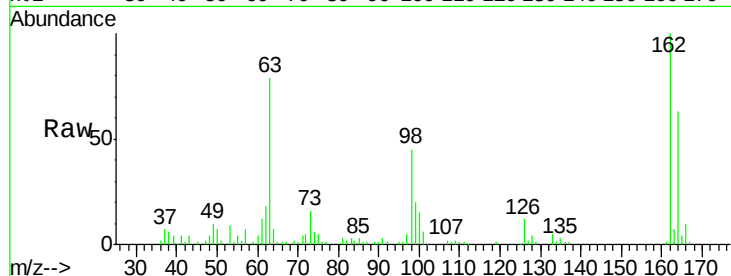
#29
 2,4-Dichlorophenol
 Concen: 29.81 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampled :
 CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	68949		
164	63.1	42.3	82.3	
98	45.0	27.7	67.7	

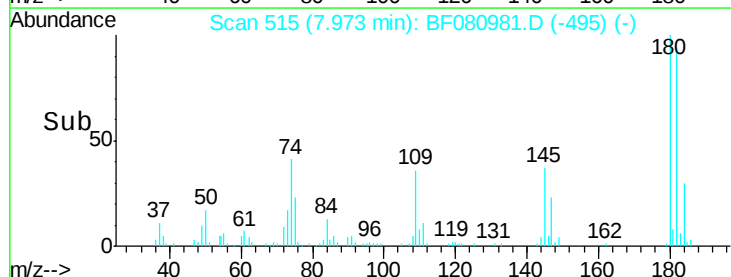
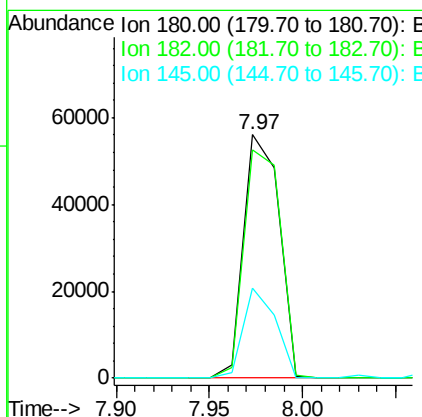
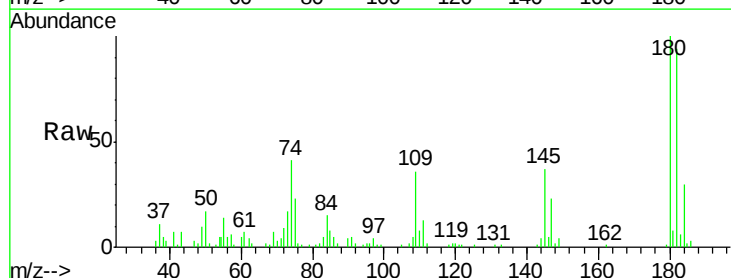
Manual Integrations
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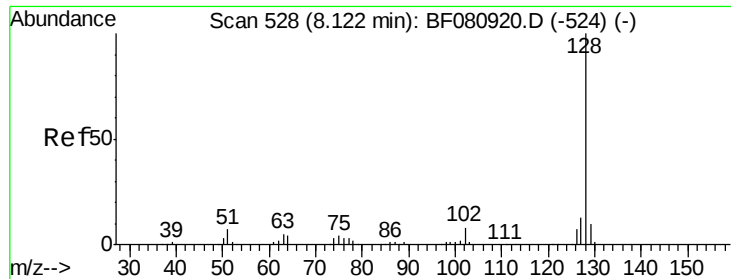
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.34 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	74187		
182	93.9	77.4	116.0	
145	36.8	23.2	34.8	





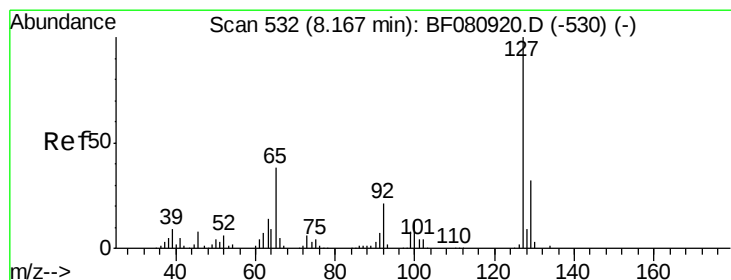
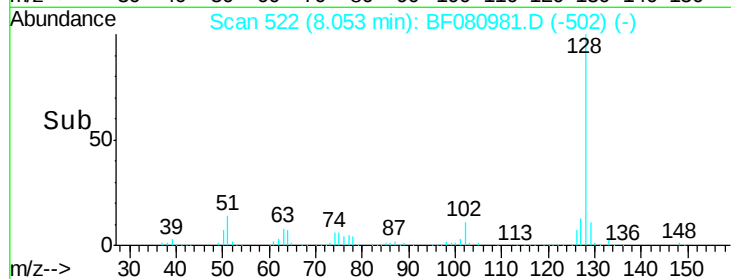
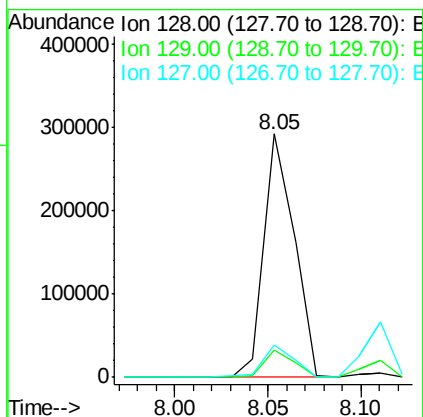
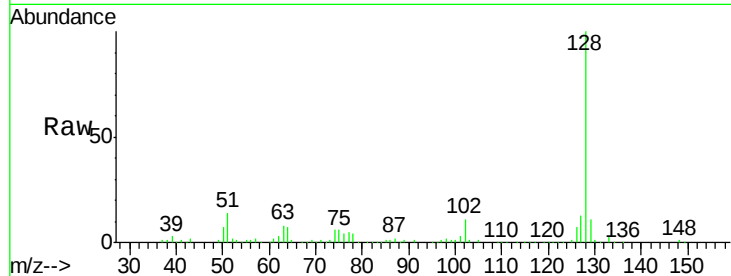
#31
Naphthalene
Concen: 36.28 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.4	12.6	
127	13.3	10.5	15.7	

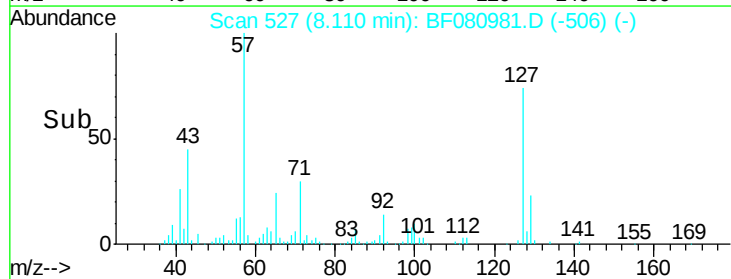
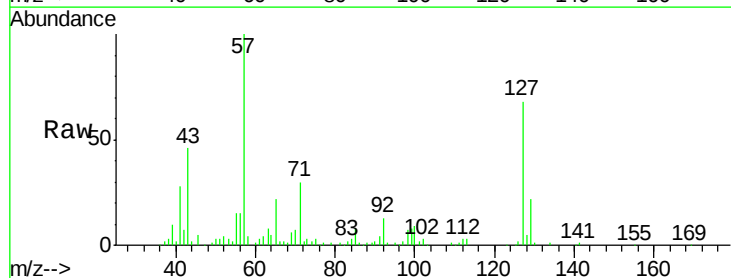
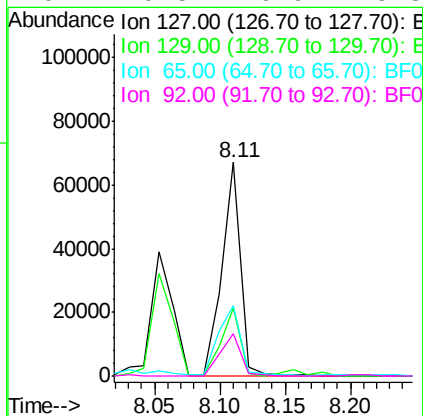
Manual Integrations
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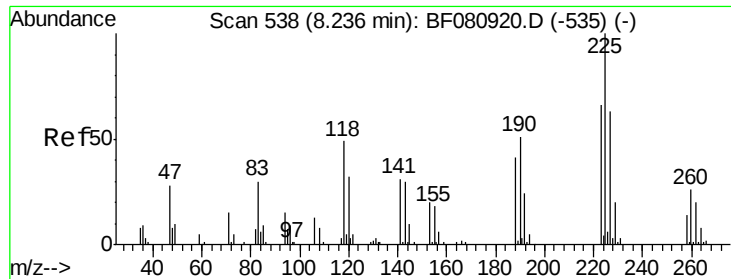
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#33
4-Chloroaniline
Concen: 18.43 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	32.9	30.6	45.8	
92	19.5	16.9	25.3	





#34

Hexachlorobutadiene

Concen: 28.63 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

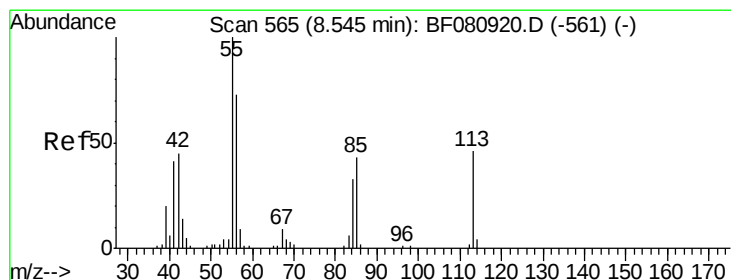
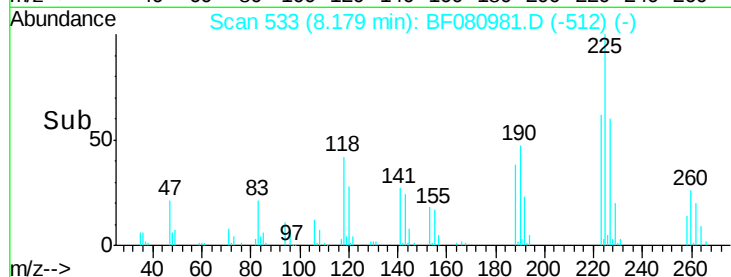
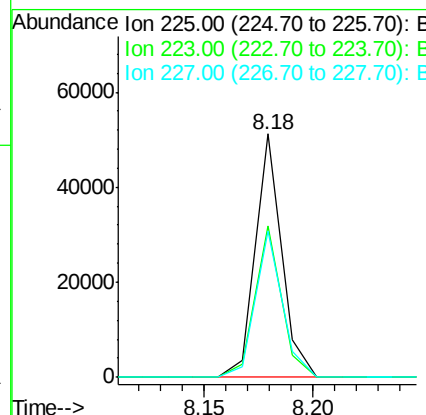
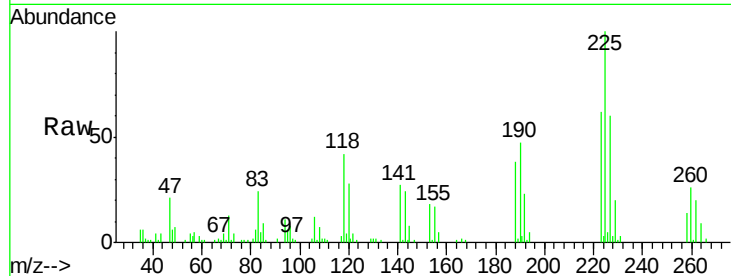
ClientSampleId :

CSB-03MSD

Tot Ion:	225	Resp:	43069
Ion Ratio	Lower	Upper	
225	100		
223	62.0	52.5	78.7
227	60.1	50.3	75.5

Manual Integrations
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#35

Caprolactam

Concen: 29.36 ng

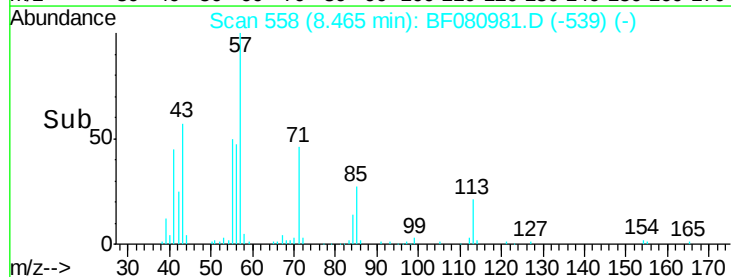
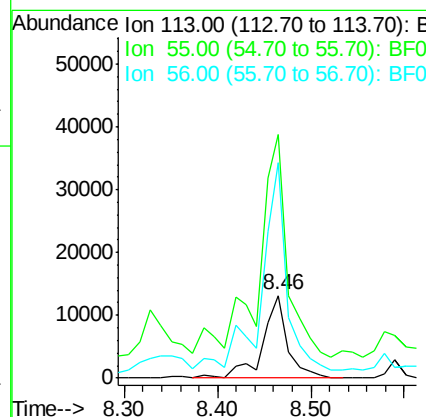
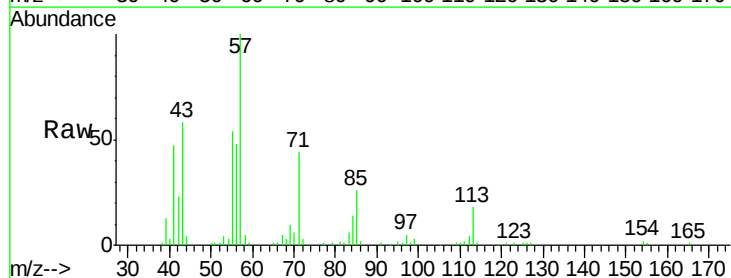
RT: 8.46 min Scan# 558

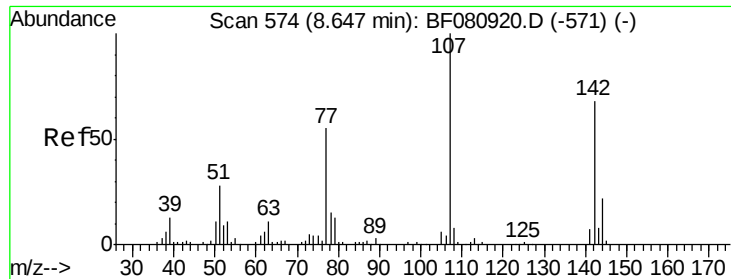
Delta R.T. -0.08 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	113	Resp:	24430
Ion Ratio	Lower	Upper	
113	100		
55	293.6	196.4	236.4#
56	259.5	137.9	177.9#





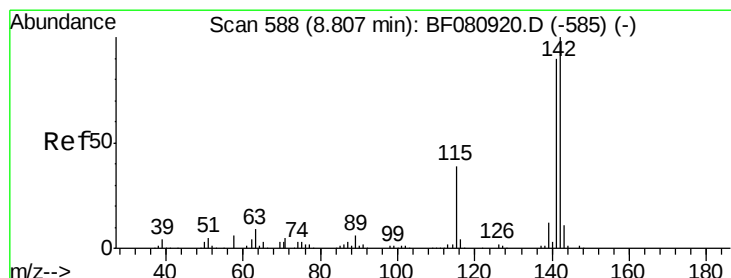
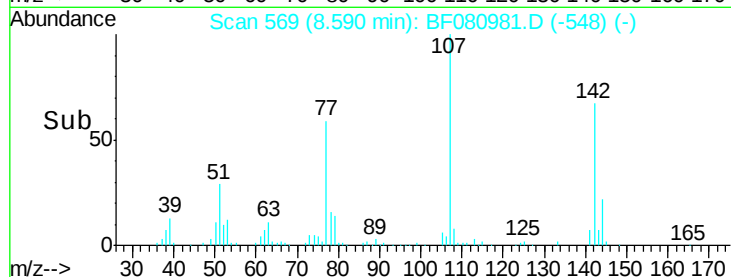
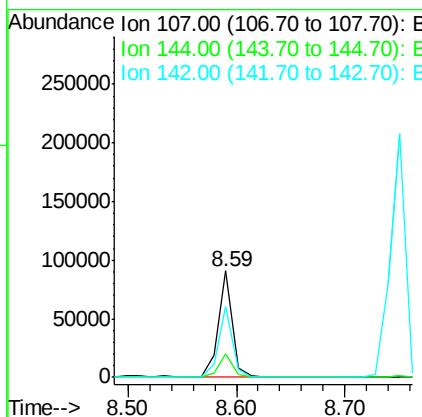
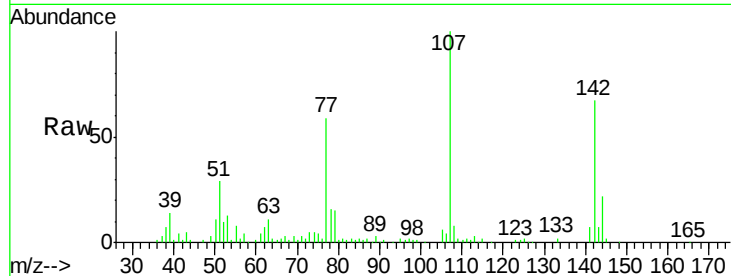
#36
 4-Chloro-3-methylphenol
 Concen: 29.50 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.6	17.3	25.9
142	66.6	54.4	81.6

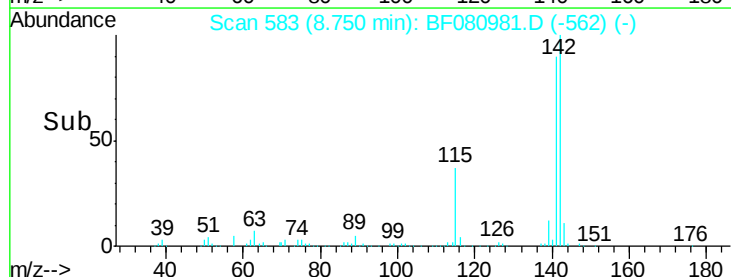
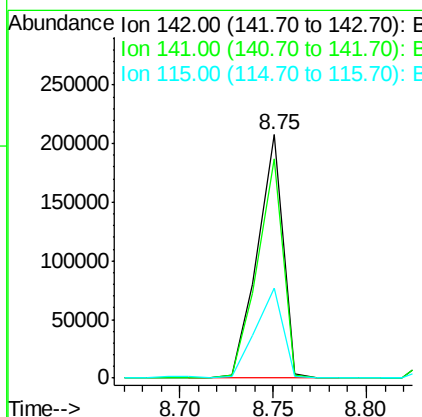
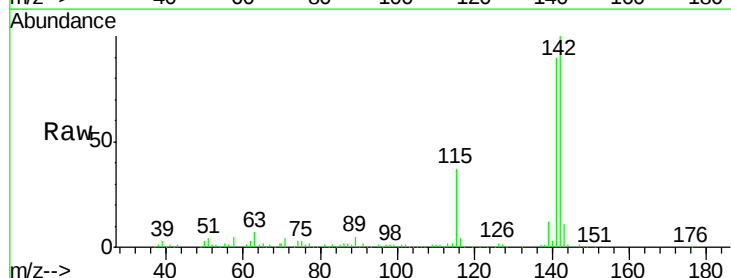
Manual Integrations
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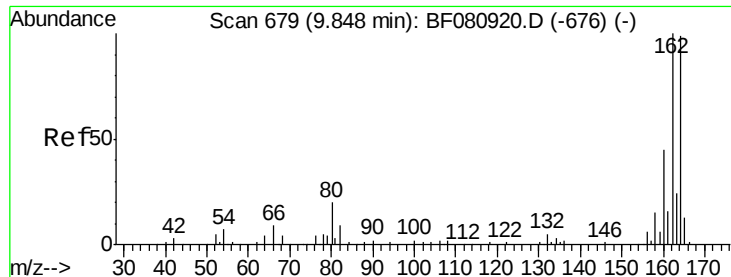
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#37
 2-Methylnaphthalene
 Concen: 34.89 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.7	107.5
115	37.2	30.9	46.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF080981.D

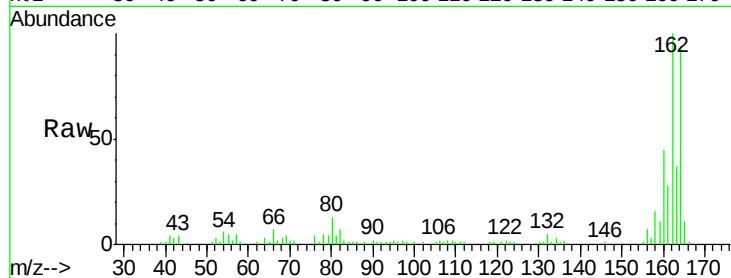
Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

ClientSampleId :

CSB-03MSD



Tot Ion:164 Resp: 74965

Ion Ratio Lower Upper

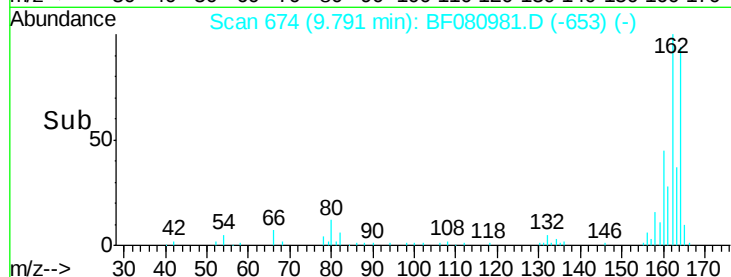
164 100

162 106.9 80.5 120.7

160 47.6 36.6 54.8

Manual Integrations
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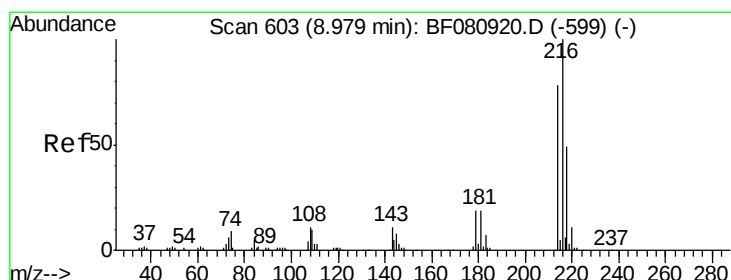
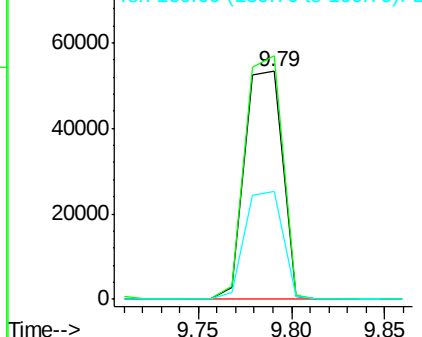
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 27.33 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:216 Resp: 63160

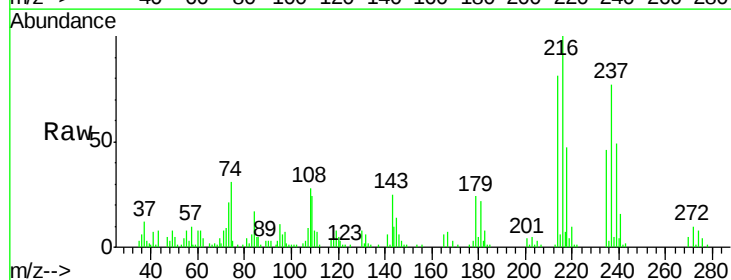
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 22.7 17.2 25.8

108 27.2 16.1 24.1#

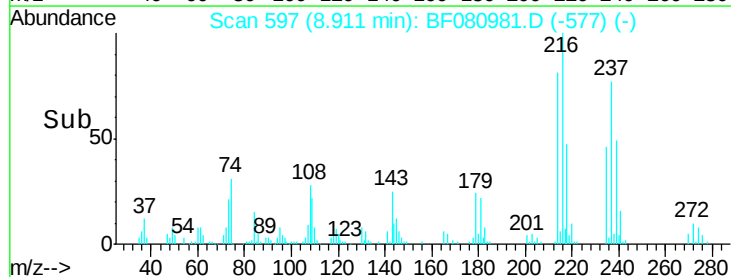
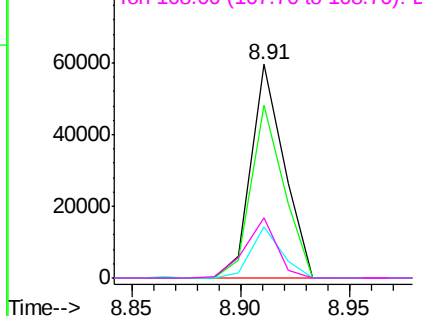


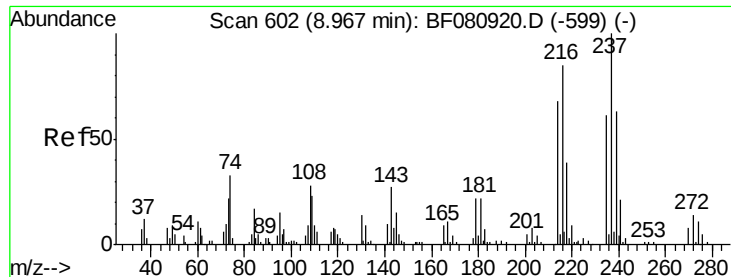
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





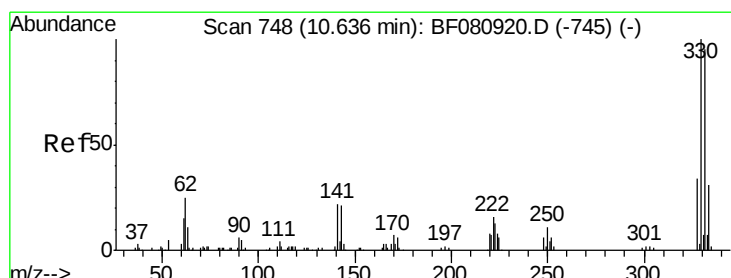
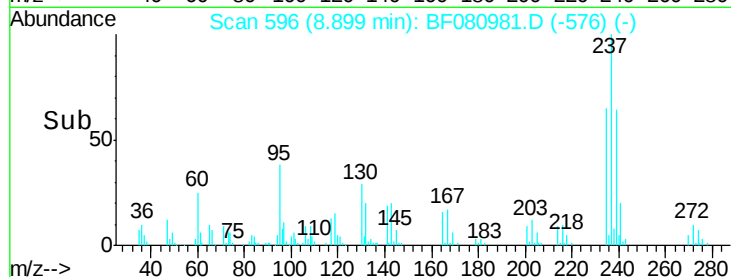
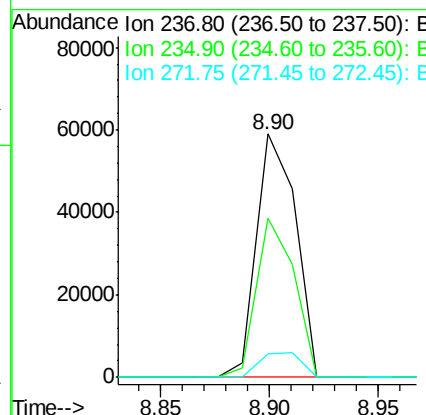
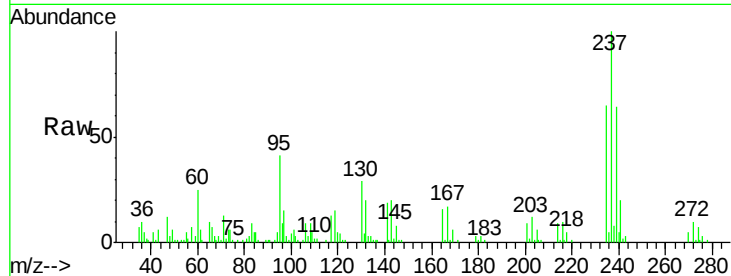
#40
Hexachlorocyclopentadiene
Concen: 58.86 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	74228		
235	65.2		41.3	81.3
272	9.8		0.0	33.6

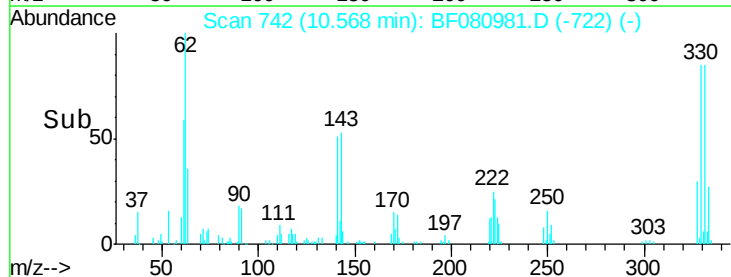
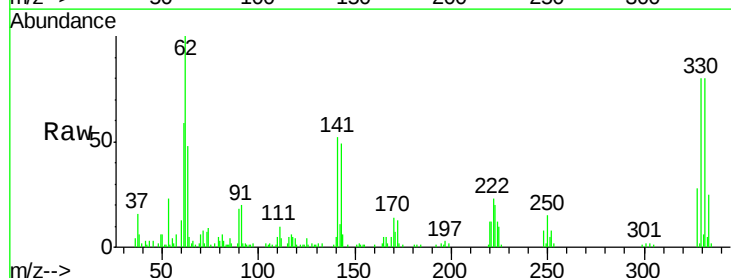
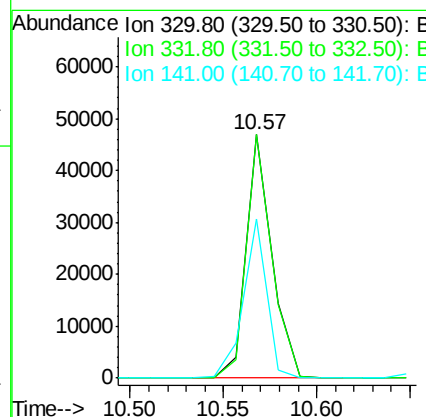
Manual Integrations
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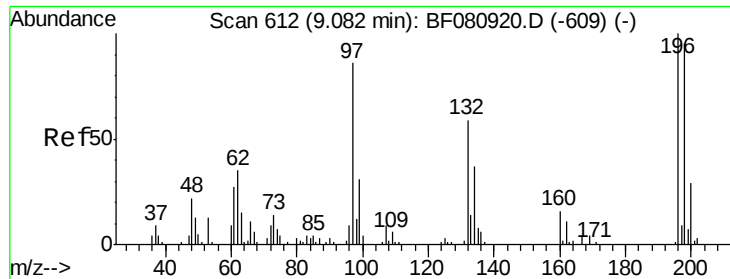
MMDadoda
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#41
2,4,6-Tribromophenol
Concen: 54.73 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	45070		
332	98.8		76.2	114.4
141	59.9		27.8	41.8#





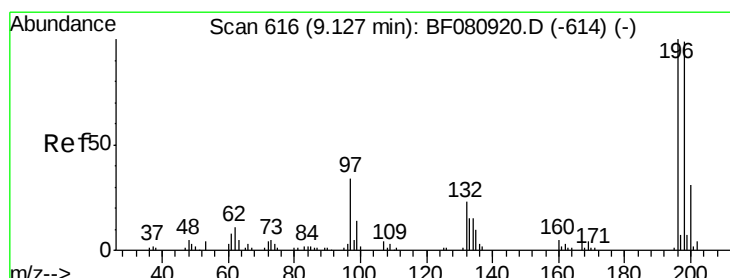
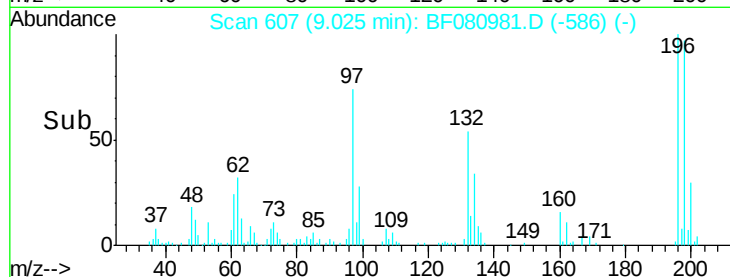
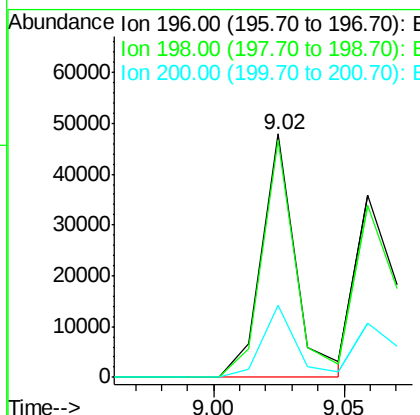
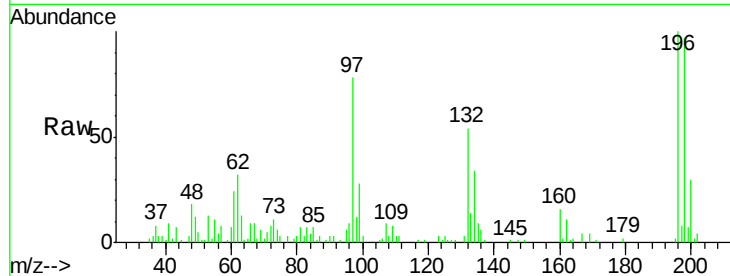
#42
2,4,6-Trichlorophenol
Concen: 25.71 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	43548		
198	97.3	75.9	113.9	
200	29.7	23.1	34.7	

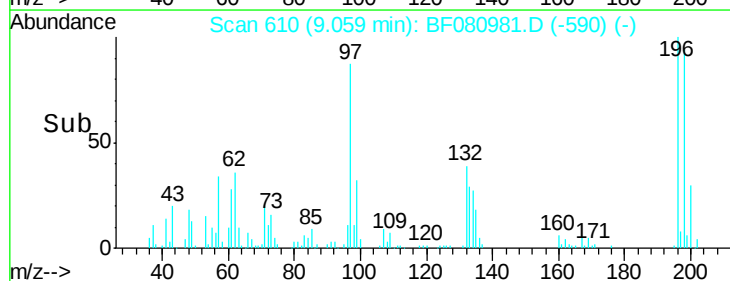
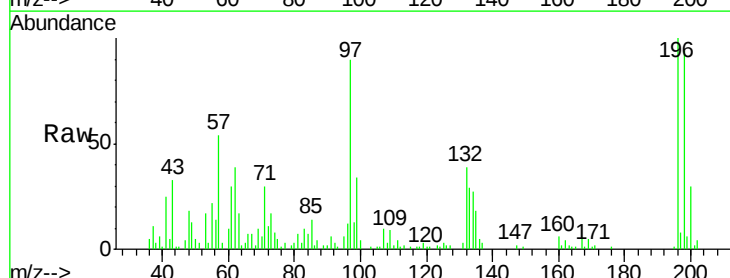
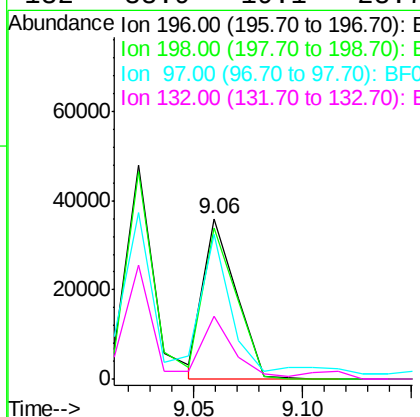
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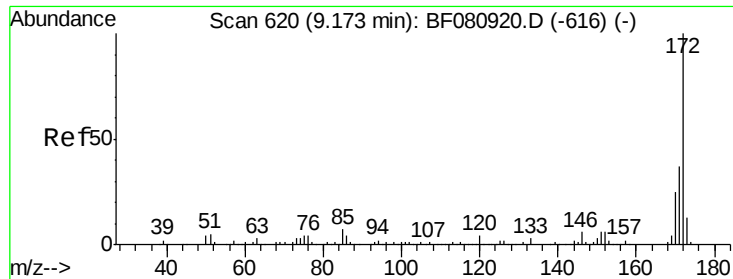
MMDadoda
8/14/2015 3:08:42 PM



#43
2,4,5-Trichlorophenol
Concen: 22.14 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	37785		
198	94.1	78.9	118.3	
97	90.2	29.1	43.7#	
132	38.9	19.1	28.7#	





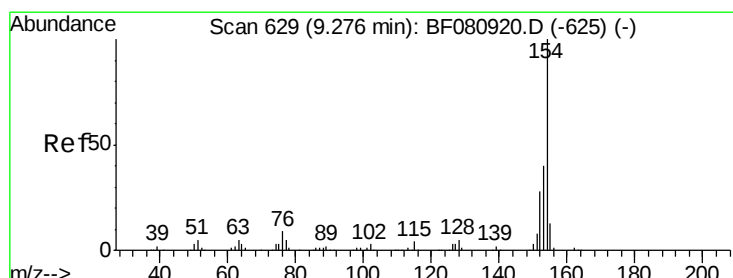
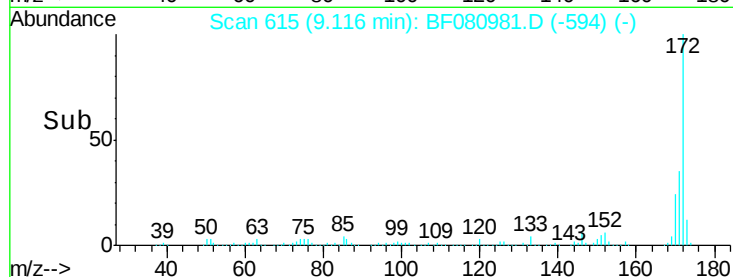
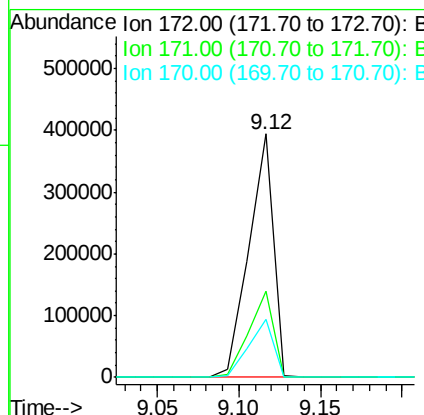
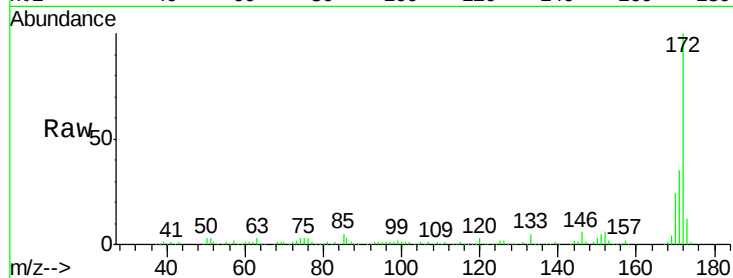
#44
 2-Fluorobiphenyl
 Concen: 77.14 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

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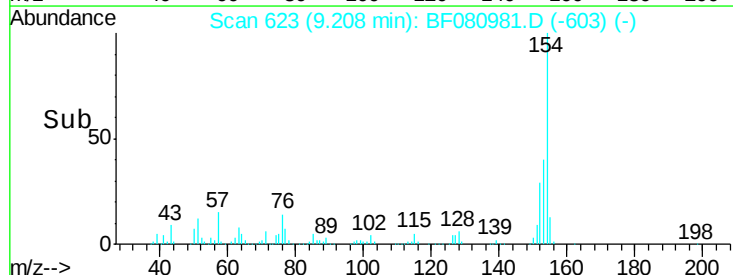
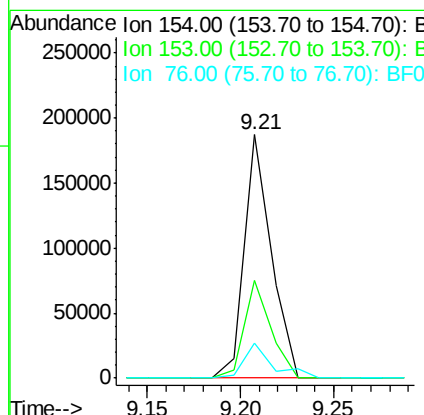
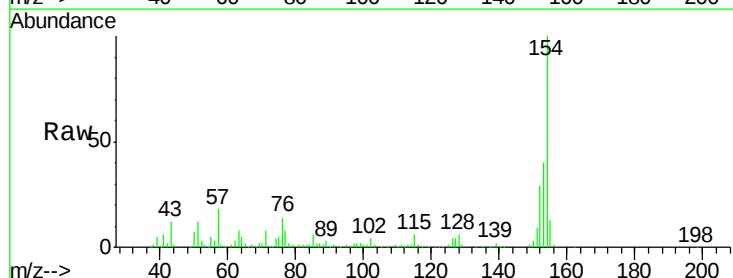
MMDadoda
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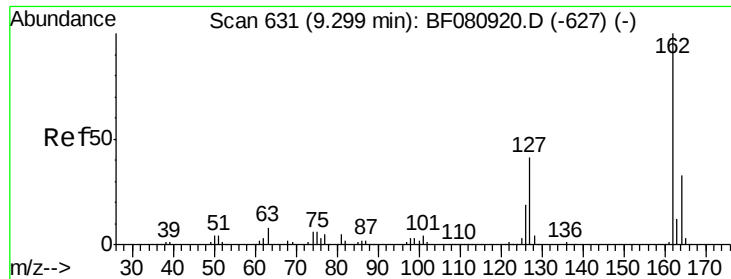
Tot Ion	Ratio	Resp	Lower	Upper
172	100	410760		
171	35.5	29.4	44.0	
170	24.1	19.7	29.5	



#45
 1,1'-Biphenyl
 Concen: 29.27 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	188290		
153	40.3	20.1	60.1	
76	14.2	0.0	29.3	





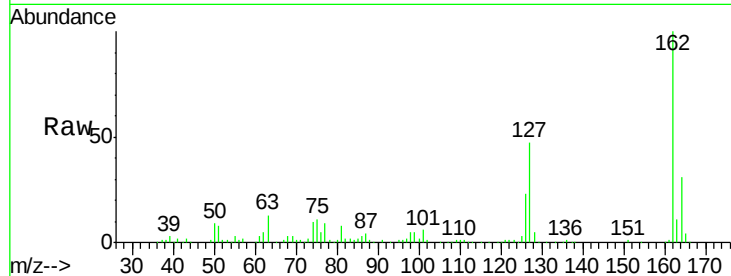
#46
2-Chloronaphthalene
Concen: 28.21 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

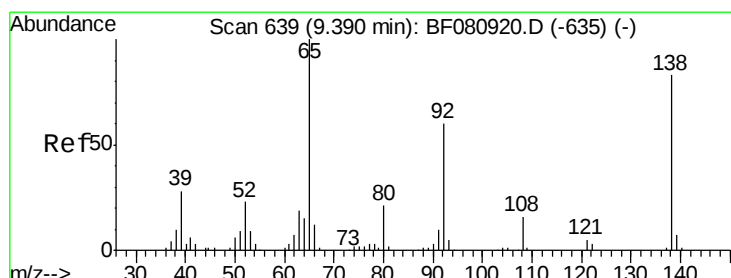
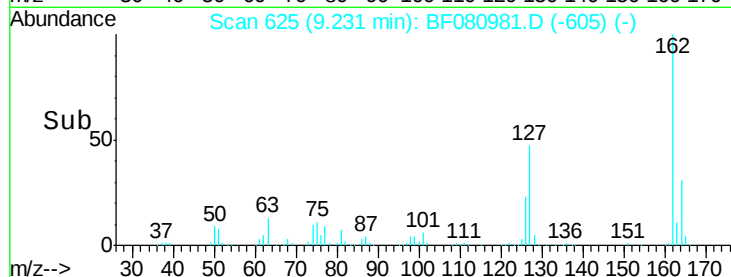
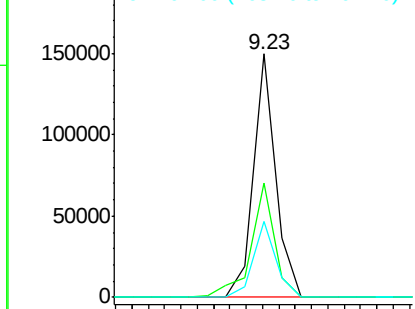
Tot Ion:	162	Resp:	141502
Ion Ratio	Lower	Upper	
162	100		
127	47.1	32.5	48.7
164	31.2	26.2	39.4

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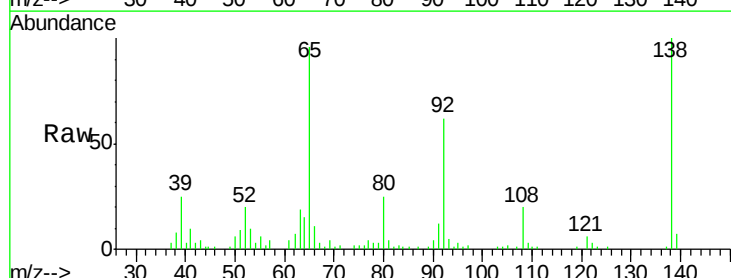


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

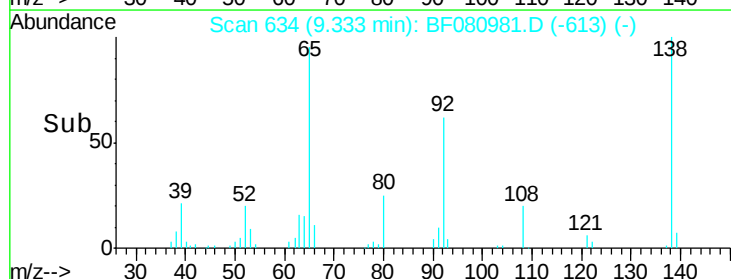
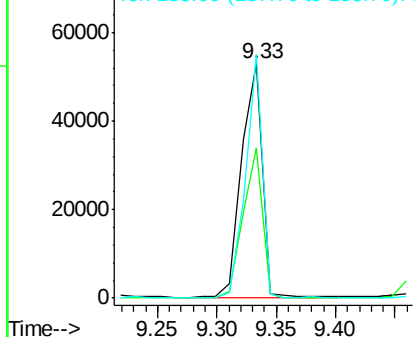


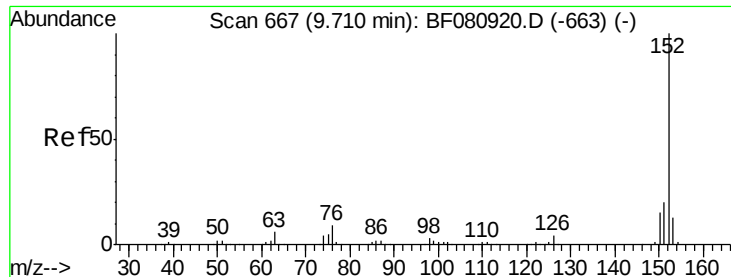
#47
2-Nitroaniline
Concen: 32.71 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion:	65	Resp:	65797
Ion Ratio	Lower	Upper	
65	100		
92	64.1	48.0	72.0
138	103.9	66.1	99.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





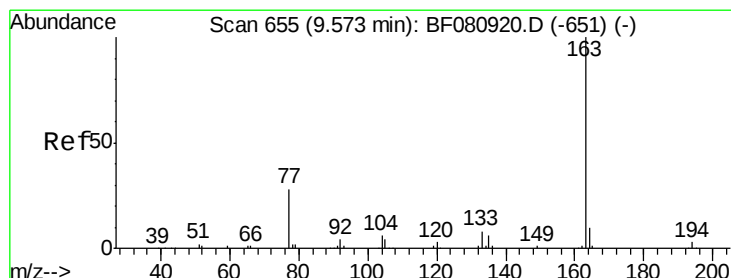
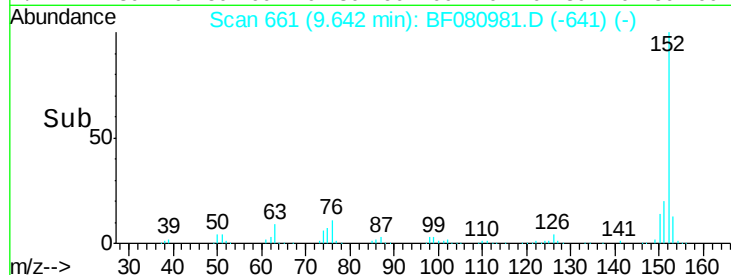
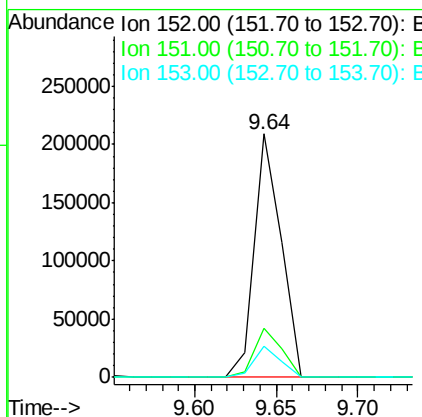
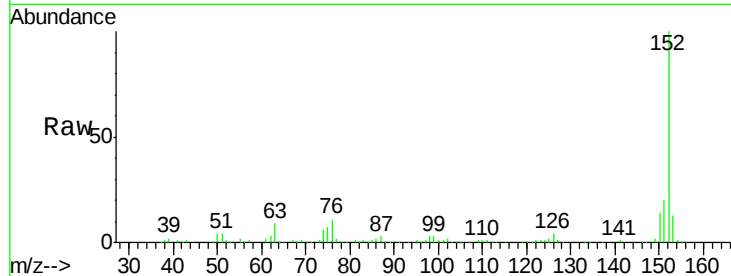
#48
Acenaphthylene
Concen: 27.35 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		238478		
151	20.3	16.3	24.5		
153	13.0	10.5	15.7		

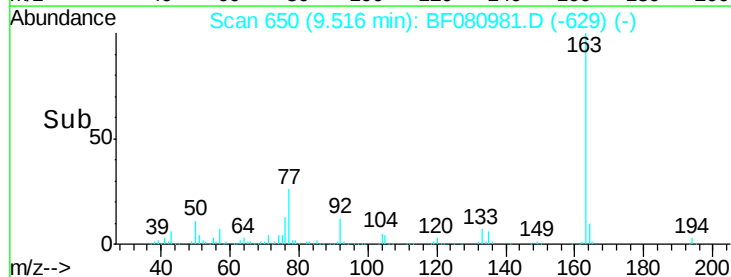
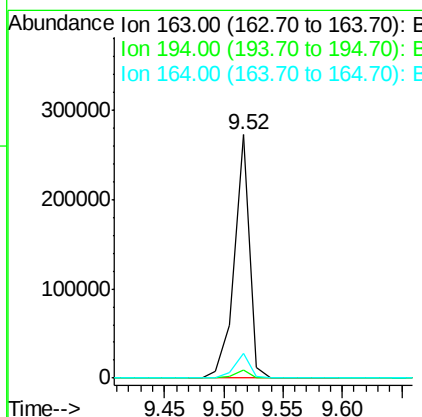
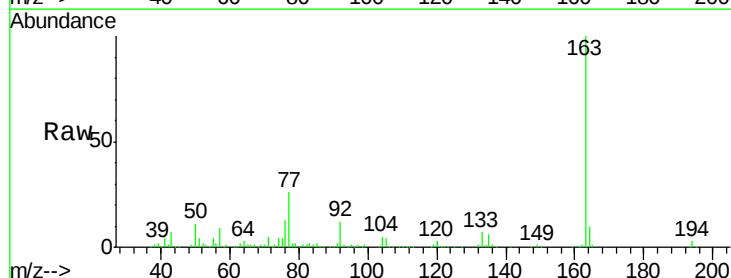
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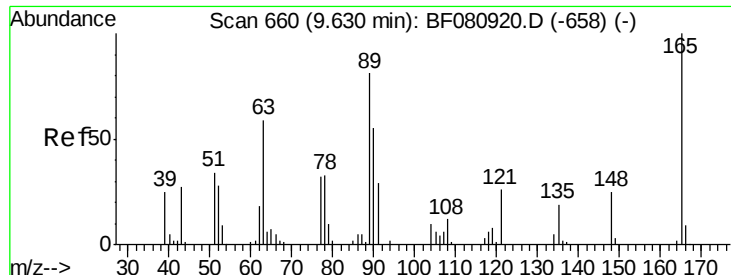
MMDadoda
8/14/2015 3:08:42 PM



#49
Dimethylphthalate
Concen: 38.94 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		242490		
194	3.2	2.4	3.6		
164	9.9	8.2	12.4		





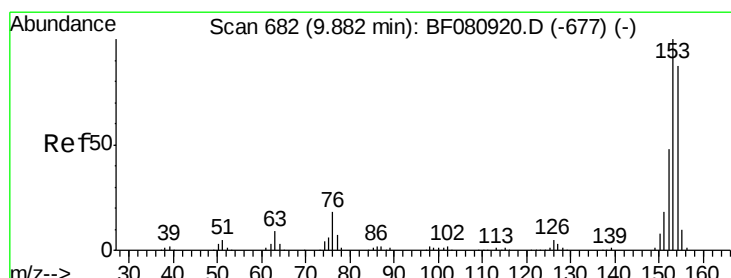
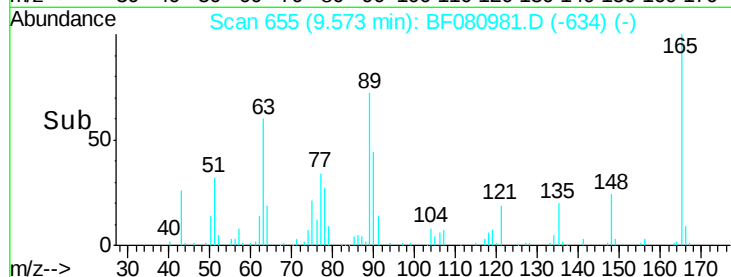
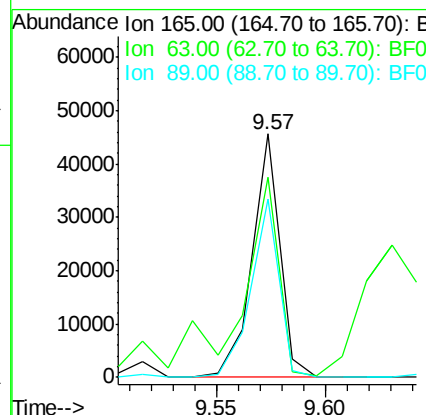
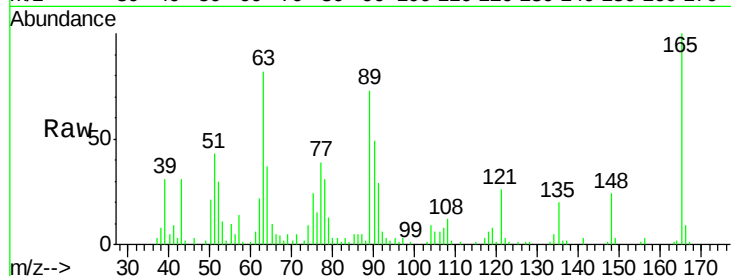
#50
 2,6-Dinitrotoluene
 Concen: 31.48 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	40494		
63	82.0		77.6	116.4
89	73.2		64.5	96.7

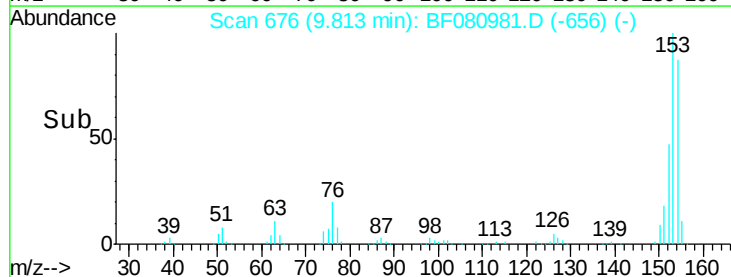
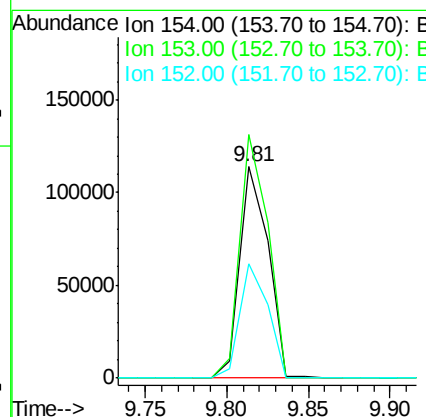
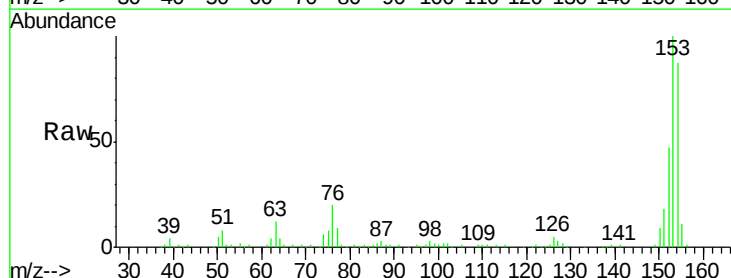
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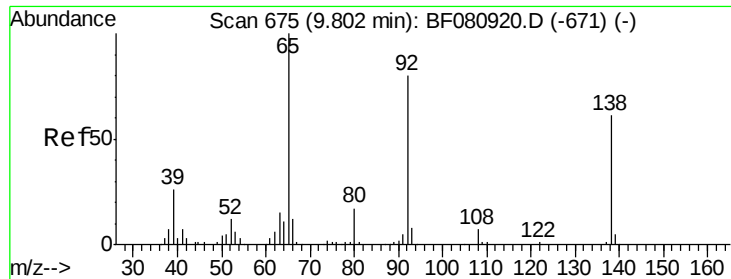
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#51
 Acenaphthene
 Concen: 25.58 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	136601		
153	115.3		91.4	137.2
152	54.3		44.2	66.4





#52

3-Nitroaniline

Concen: 21.22 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

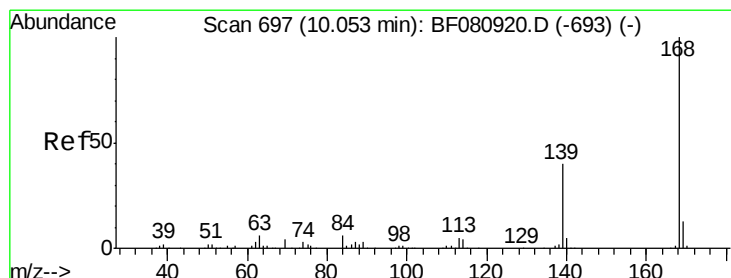
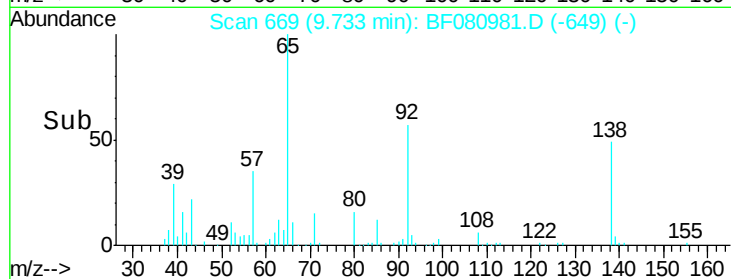
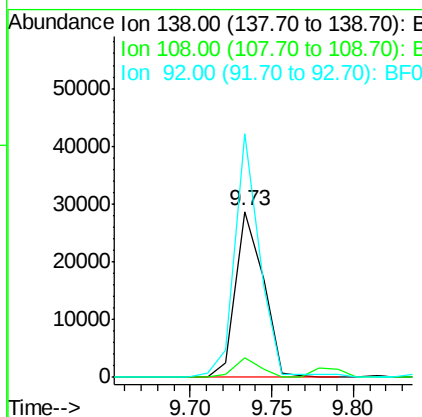
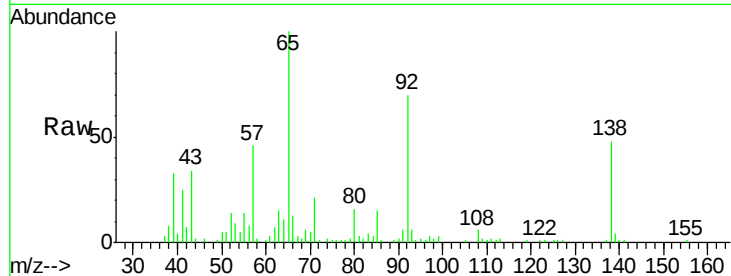
ClientSampleId :

CSB-03MSD

Tot Ion:	138	Resp:	33653
Ion Ratio	Lower	Upper	
138	100		
108	11.9	8.7	13.1
92	147.0	104.4	156.6

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#54

Dibenzofuran

Concen: 26.96 ng

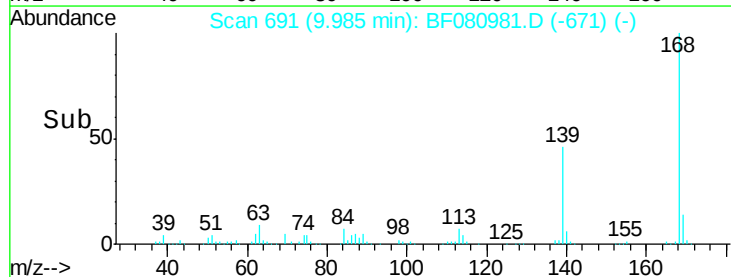
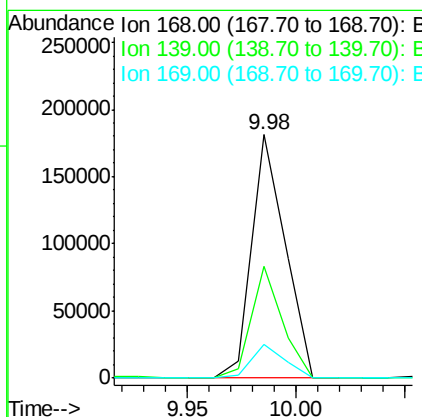
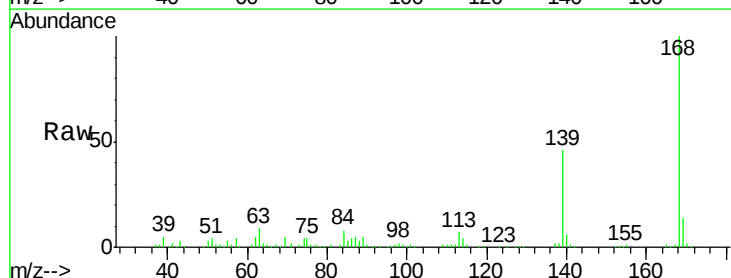
RT: 9.98 min Scan# 691

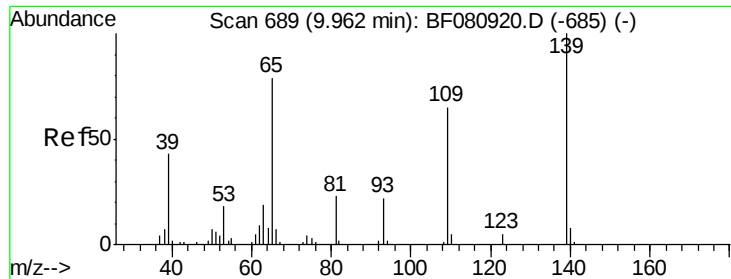
Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	168	Resp:	194677
Ion Ratio	Lower	Upper	
168	100		
139	46.2	31.9	47.9
169	14.0	10.6	15.8





#55

4-Nitrophenol

Concen: 38.60 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

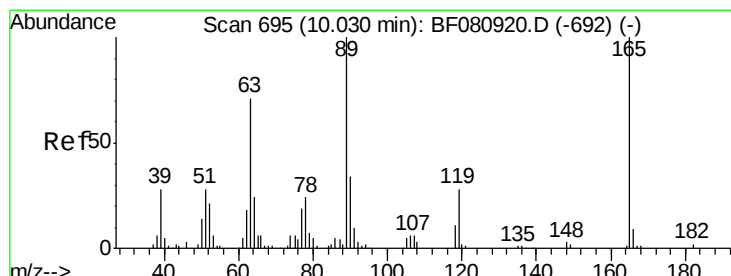
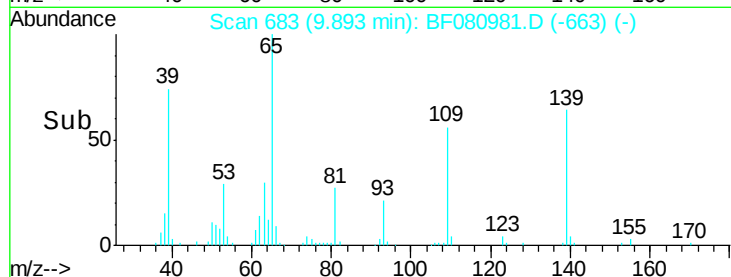
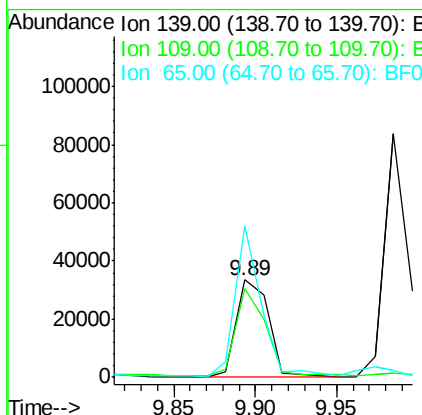
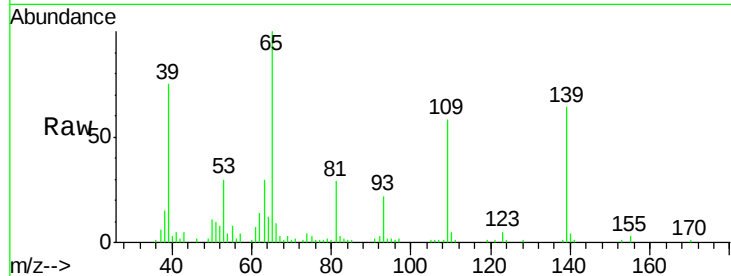
ClientSampleId :

CSB-03MSD

Tot Ion:	139	Resp:	45831
Ion Ratio	Lower	Upper	
139	100		
109	90.7	44.7	84.7#
65	155.8	59.5	99.5#

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#56

2,4-Dinitrotoluene

Concen: 31.50 ng

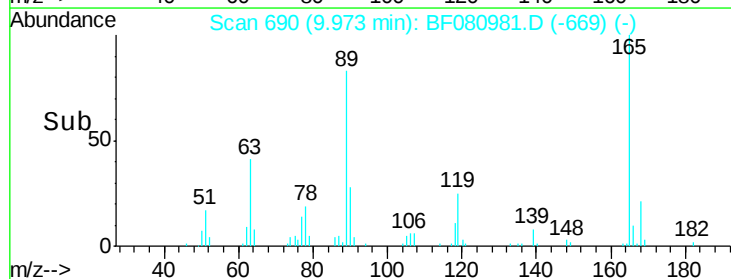
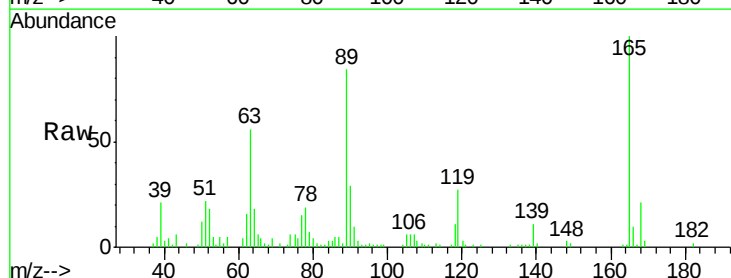
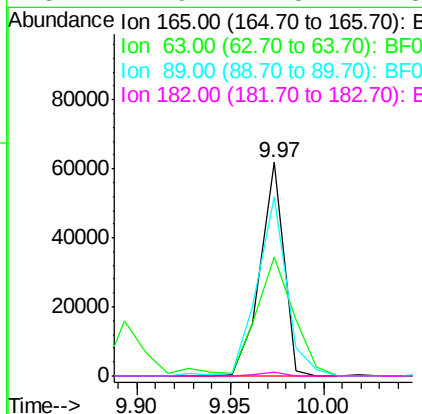
RT: 9.97 min Scan# 690

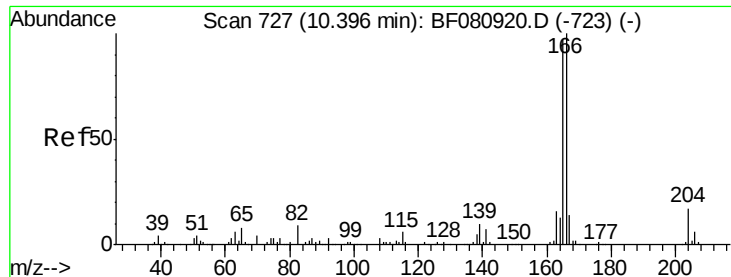
Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	165	Resp:	54229
Ion Ratio	Lower	Upper	
165	100		
63	55.6	56.7	85.1#
89	83.9	80.4	120.6
182	1.9	1.5	2.3





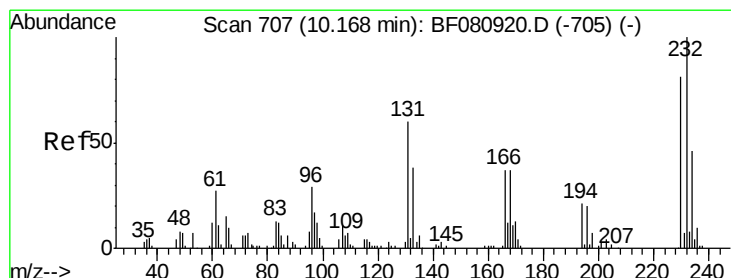
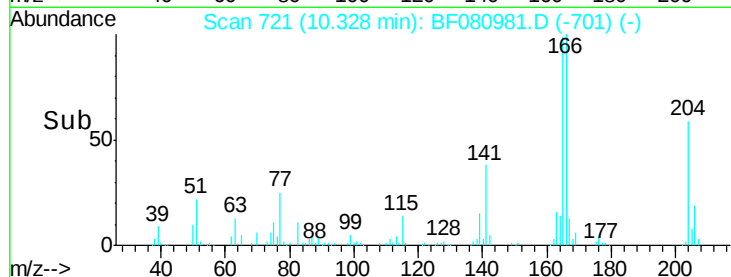
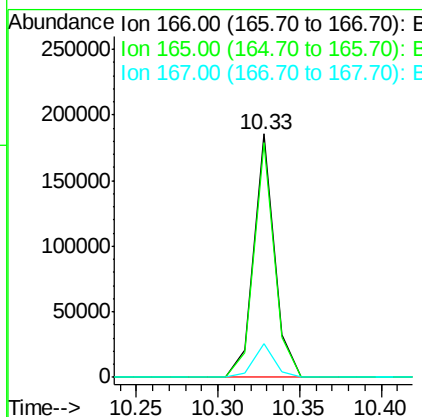
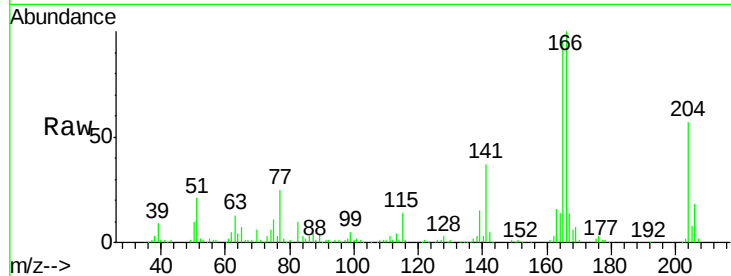
#57
 Fluorene
 Concen: 29.38 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	164128		
165	96.3	77.2	115.8	
167	14.0	10.8	16.2	

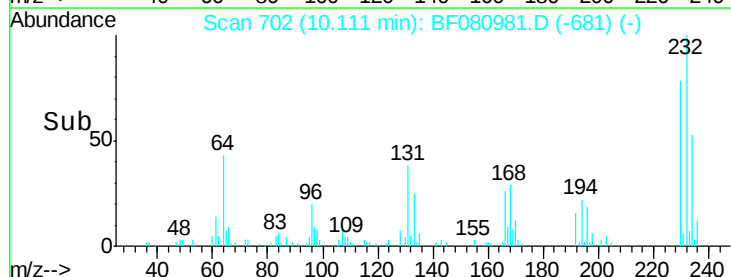
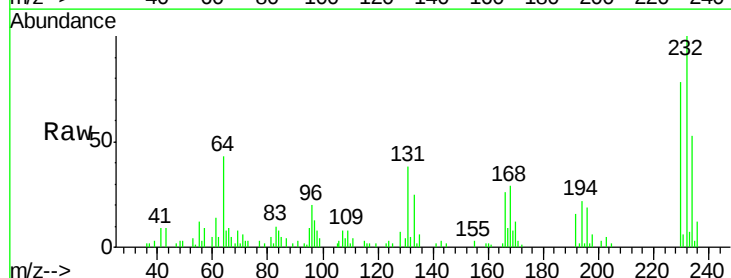
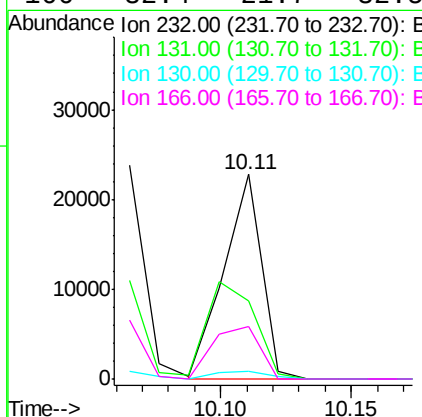
Manual Integrations
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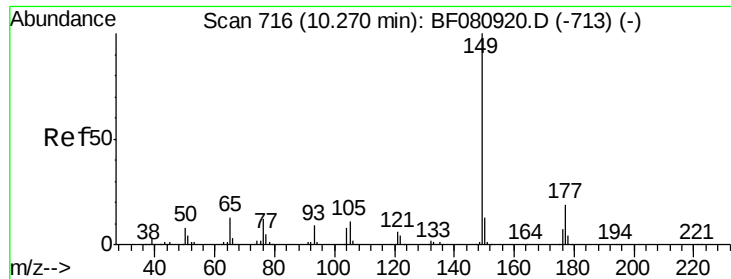
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 17.07 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	23063		
131	59.6	39.4	59.2#	
130	5.9	2.1	3.1#	
166	32.4	21.7	32.5	





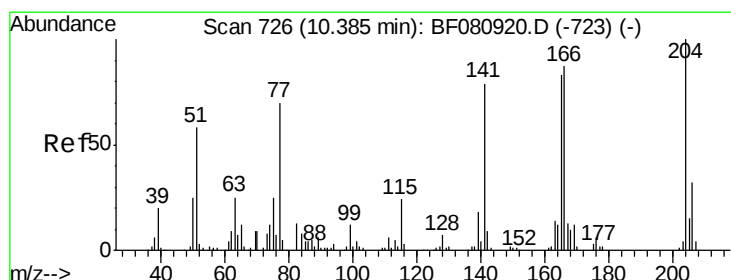
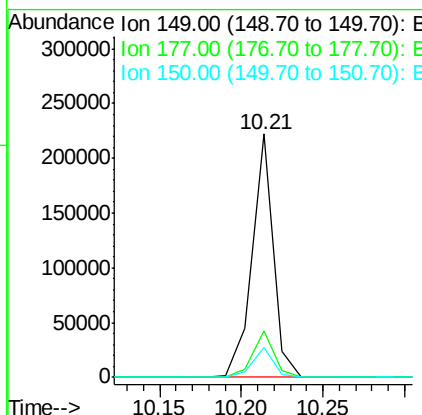
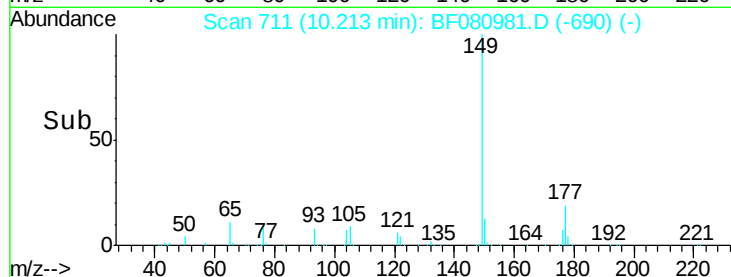
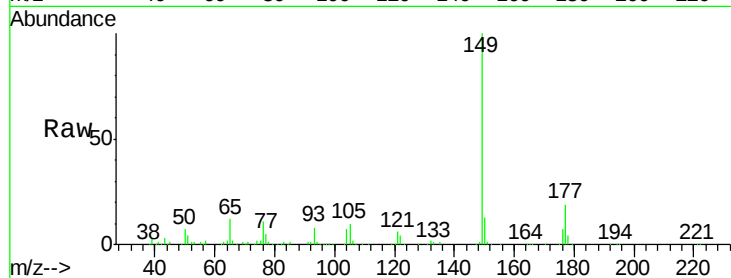
#59
Diethylphthalate
Concen: 30.97 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	200730		
177	19.0	15.0	22.4	
150	12.5	10.4	15.6	

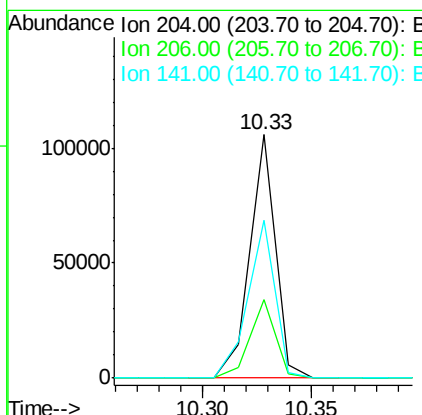
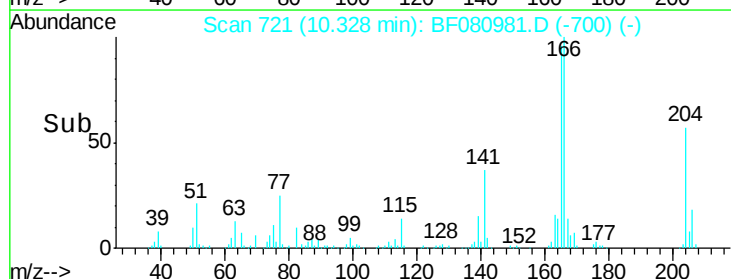
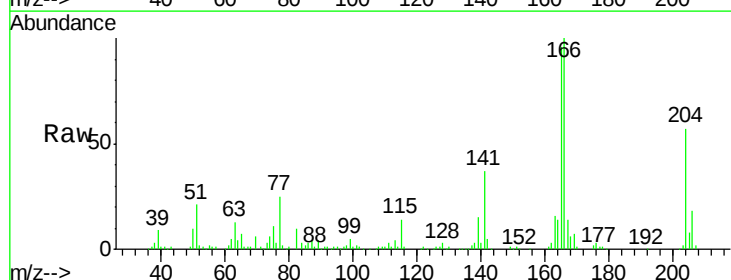
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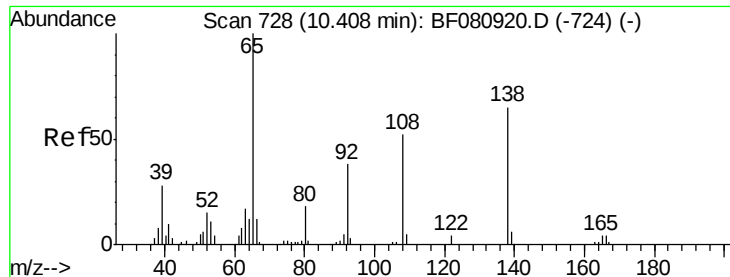
MMDadoda
8/14/2015 3:08:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.77 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	86473		
206	32.3	25.5	38.3	
141	64.9	63.4	95.0	





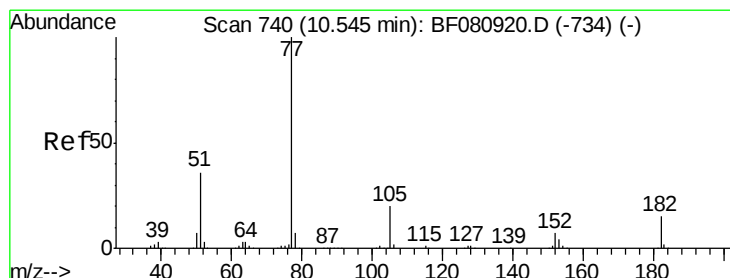
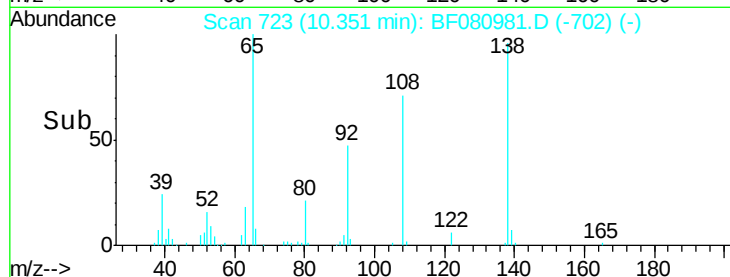
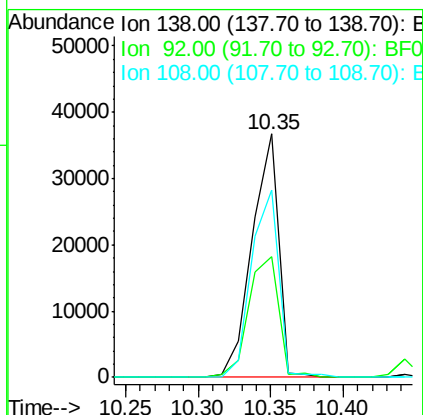
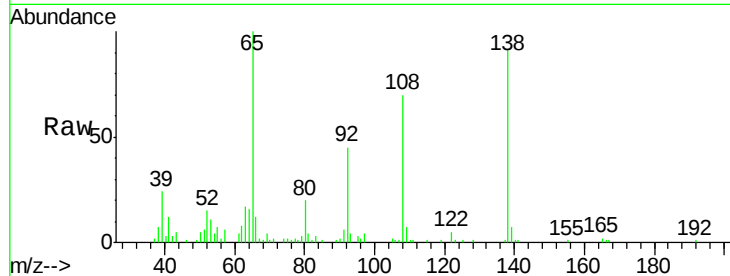
#61
4-Nitroaniline
Concen: 28.61 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampled :
CSB-03MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	38.1	78.1
108	77.1	59.9	99.9

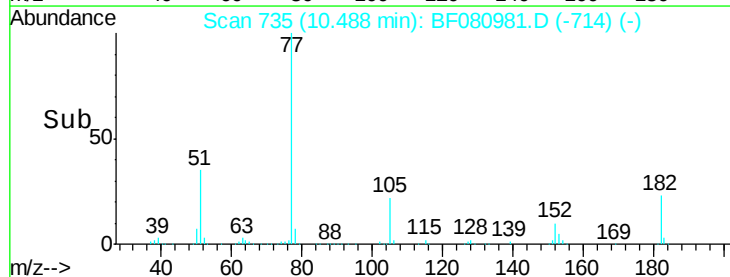
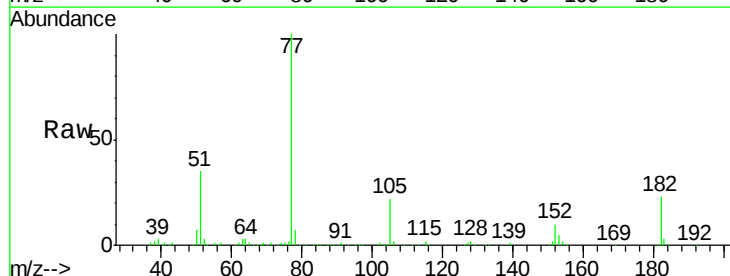
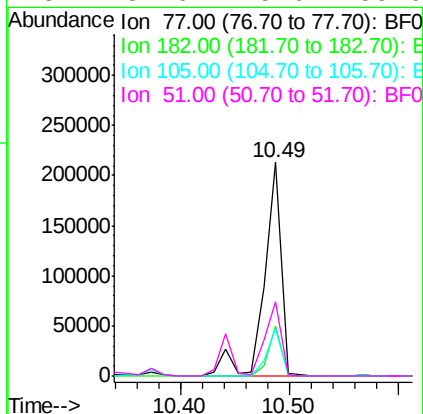
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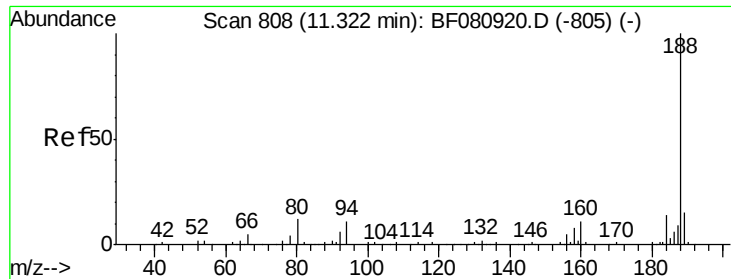
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#62
Azobenzene
Concen: 32.07 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	0.0	35.5
105	22.0	0.5	40.5
51	34.6	15.6	55.6





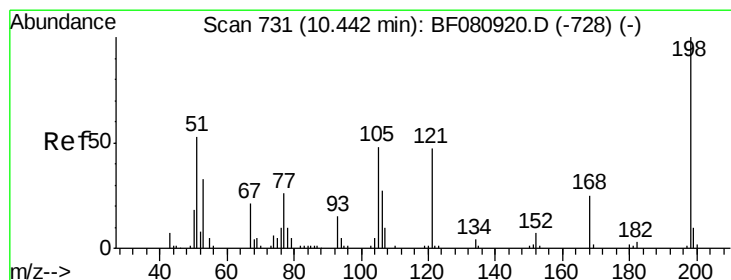
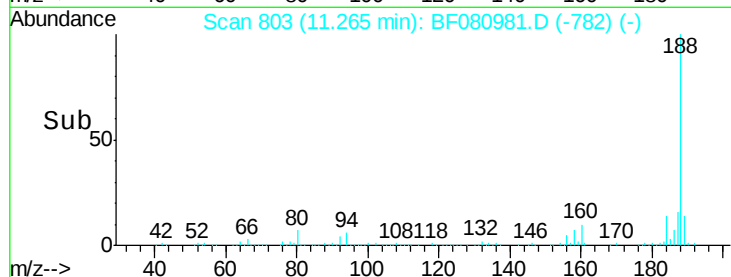
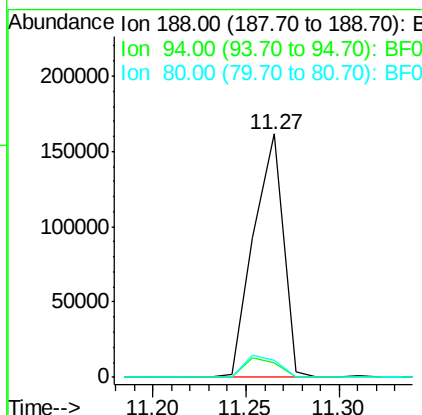
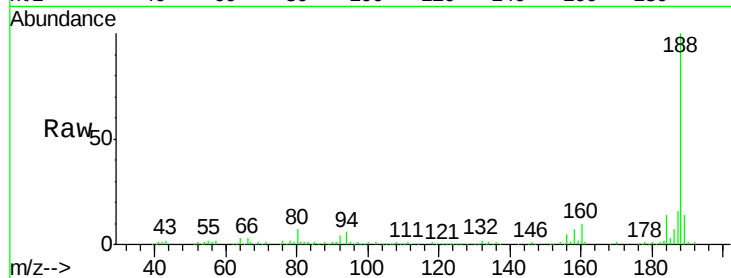
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.2	8.8	13.2#
80	6.9	9.5	14.3#

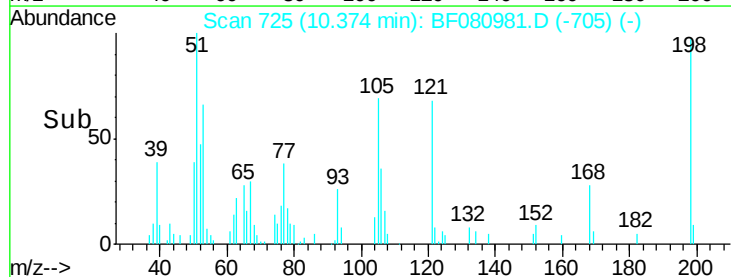
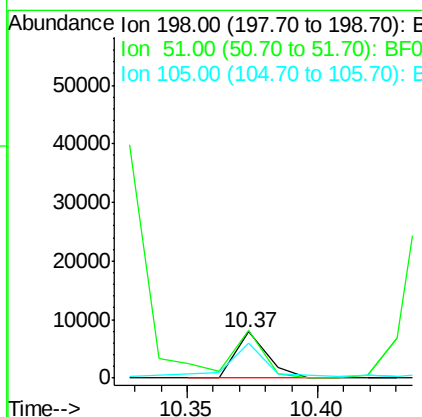
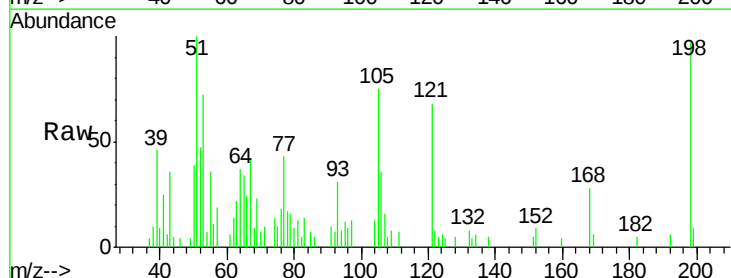
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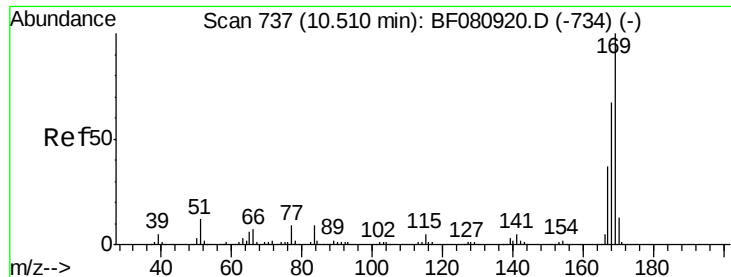
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8/14/2015 3:08:42 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 5.98 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	103.0	40.3	80.3#
105	76.8	29.6	69.6#





#65

n-Nitrosodiphenylamine

Concen: 24.97 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

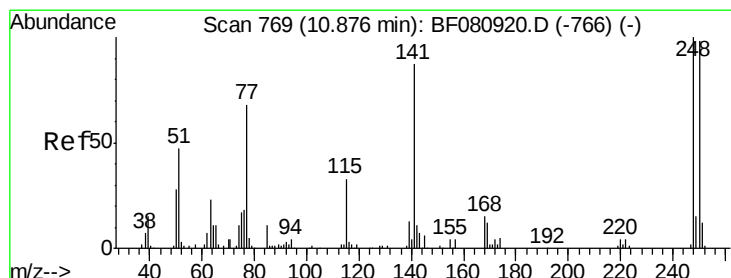
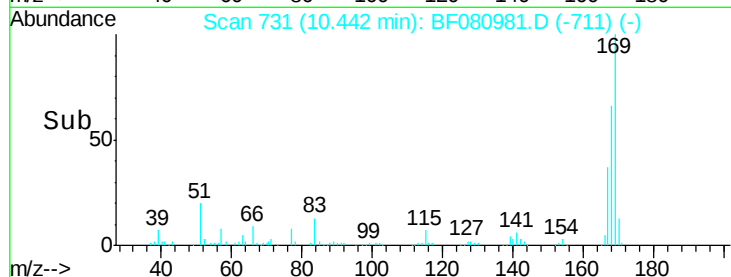
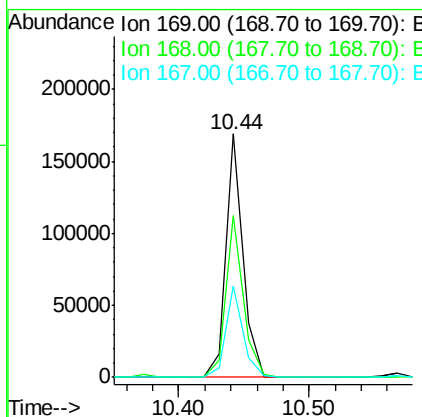
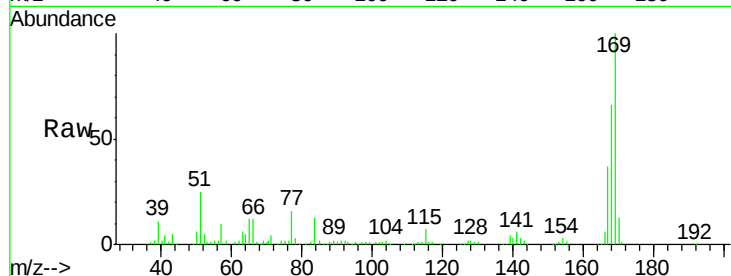
ClientSampleId :

CSB-03MSD

Tot Ion:	169	Resp:	154767
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.7	80.5
167	37.3	29.3	43.9

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#66

4-Bromophenyl-phenylether

Concen: 21.15 ng

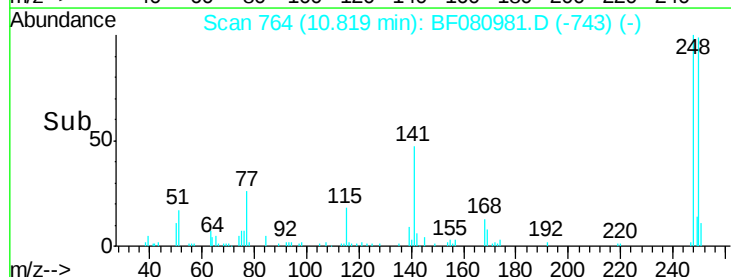
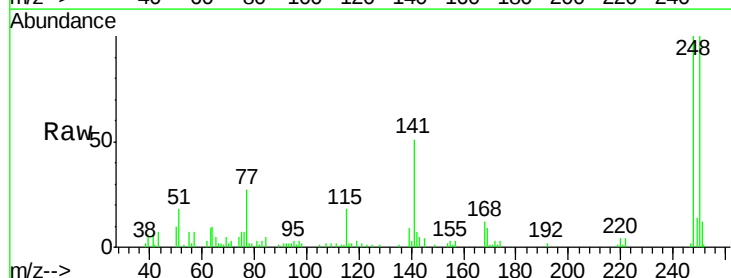
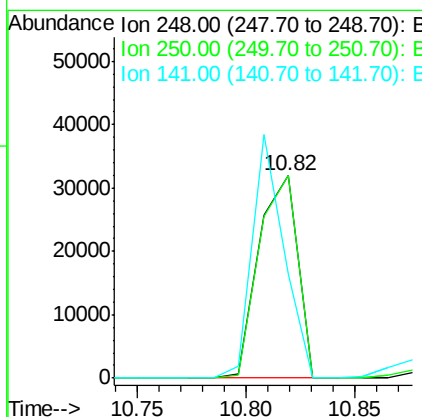
RT: 10.82 min Scan# 764

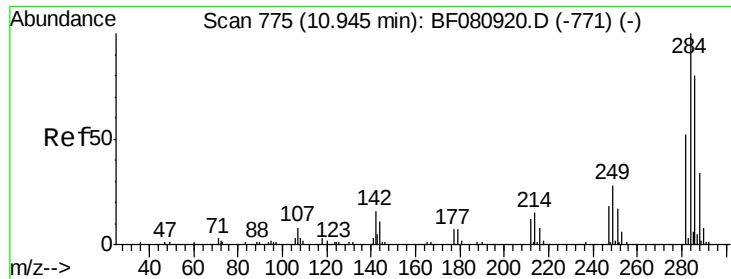
Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	248	Resp:	39964
Ion Ratio	Lower	Upper	
248	100		
250	100.4	78.1	117.1
141	51.3	69.6	104.4#





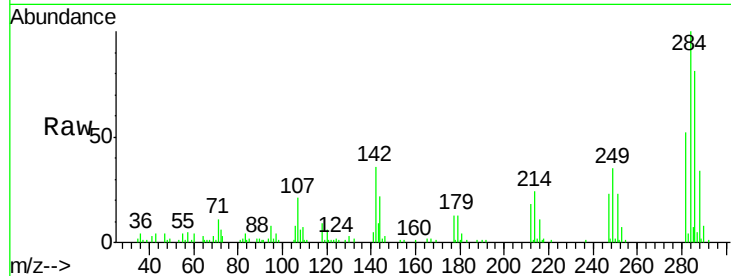
#67
Hexachlorobenzene
Concen: 21.21 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

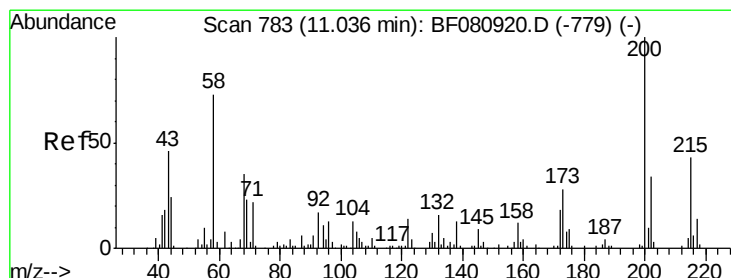
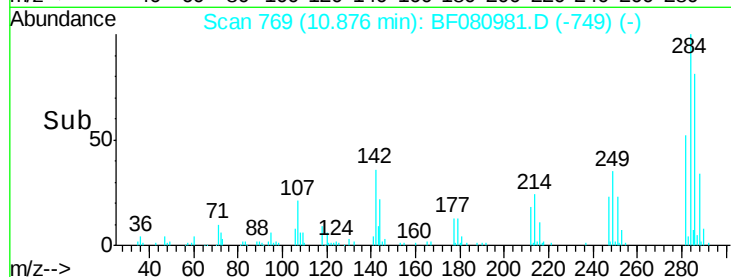
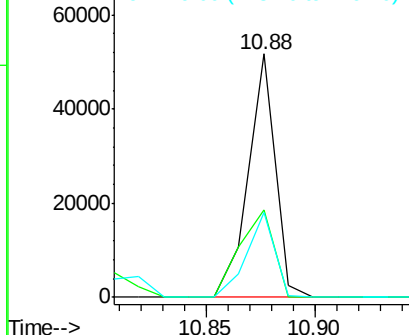
Tot Ion	Ratio	Resp	Lower	Upper
284	100	44545		
142	36.1	12.8	19.2	#
249	34.9	22.5	33.7	#

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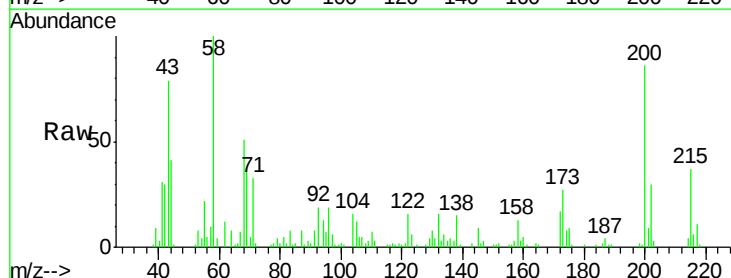


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

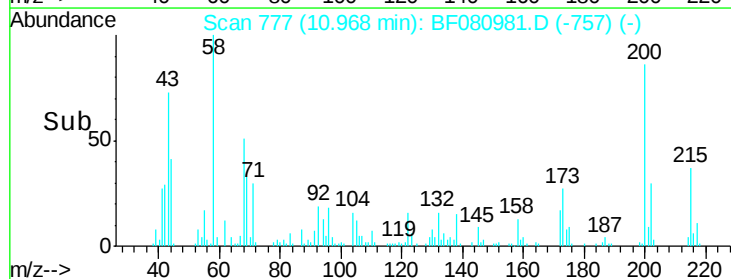
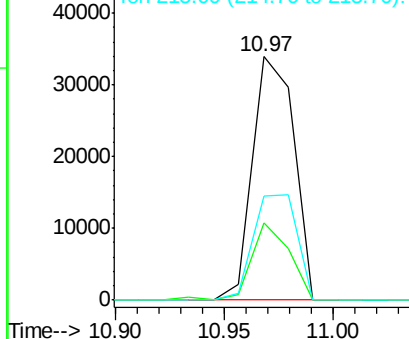


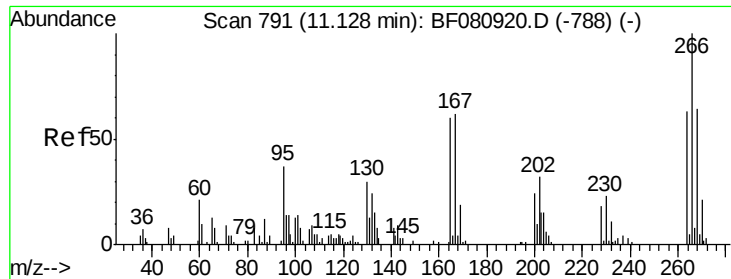
#68
Atrazine
Concen: 24.85 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	45153		
173	31.8	8.4	48.4	
215	42.7	22.7	62.7	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





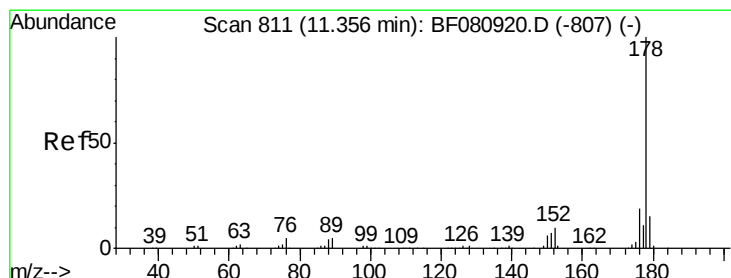
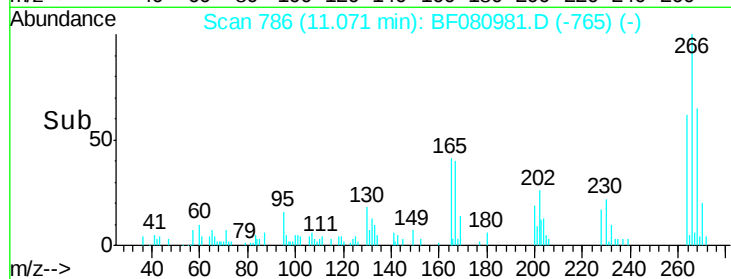
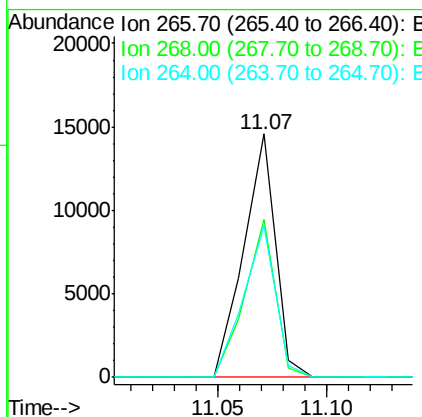
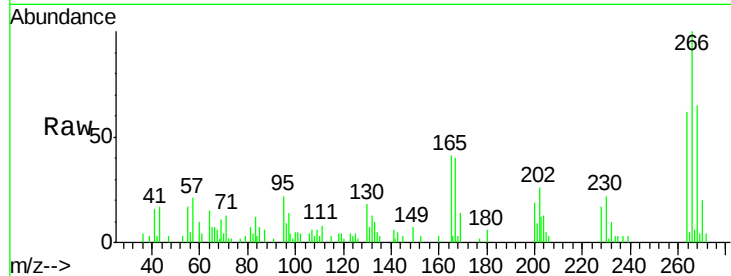
#69
 Pentachlorophenol
 Concen: 12.11 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.06 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion:	266	Resp:	14787
Ion Ratio	Lower	Upper	
266	100		
268	64.7	51.6	77.4
264	62.0	50.1	75.1

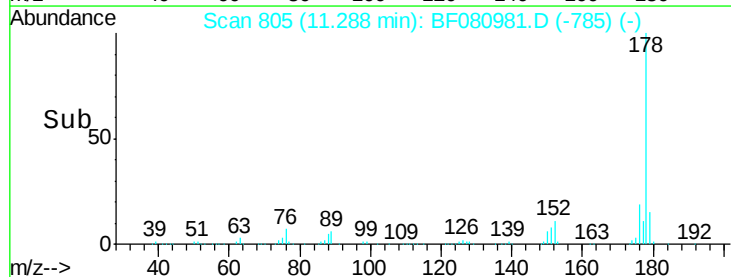
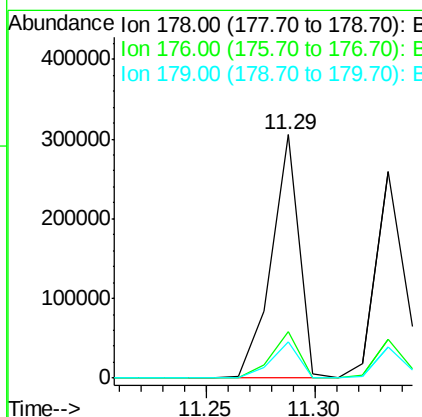
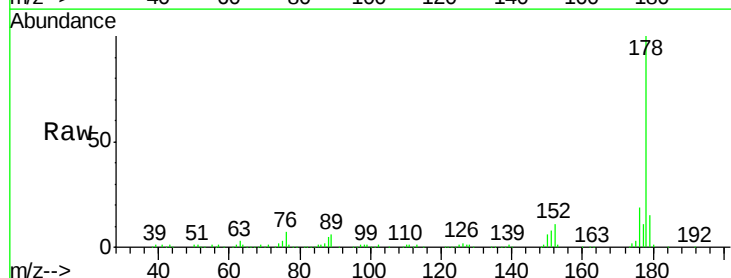
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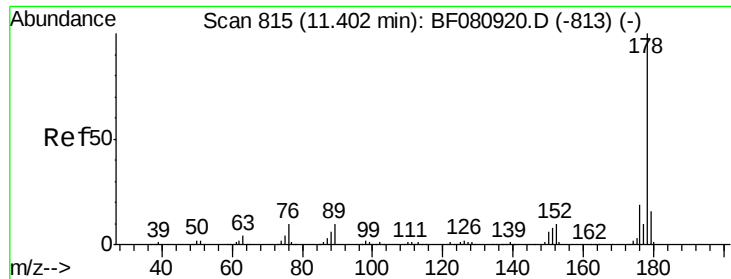
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#70
 Phenanthrene
 Concen: 26.95 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion:	178	Resp:	272210
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.6	23.4
179	14.9	11.9	17.9





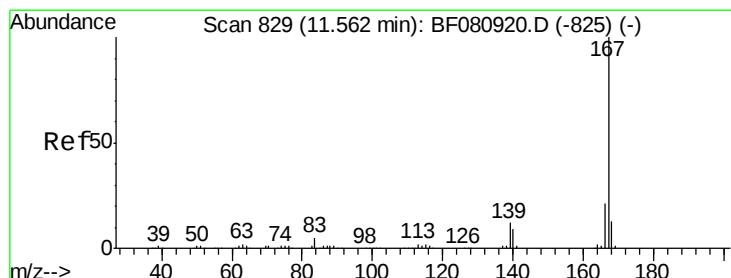
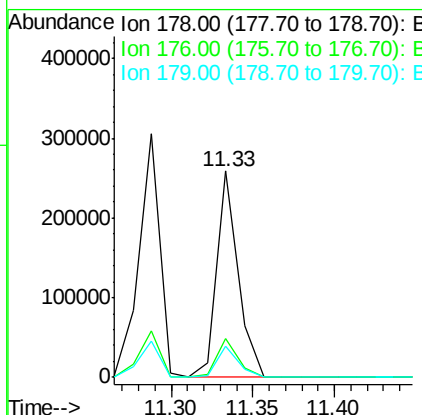
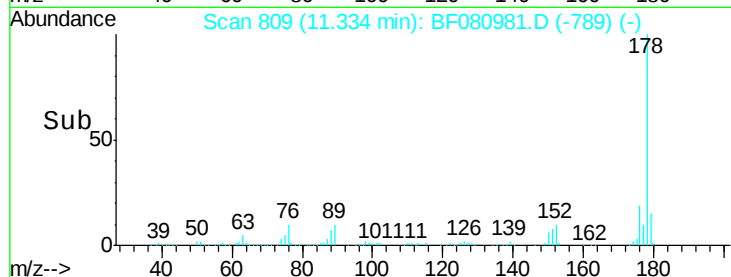
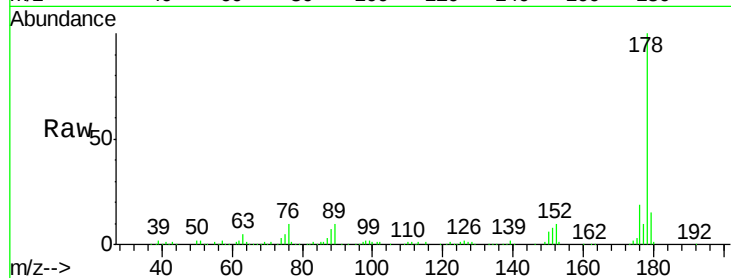
#71
 Anthracene
 Concen: 23.60 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.3	12.6	18.8

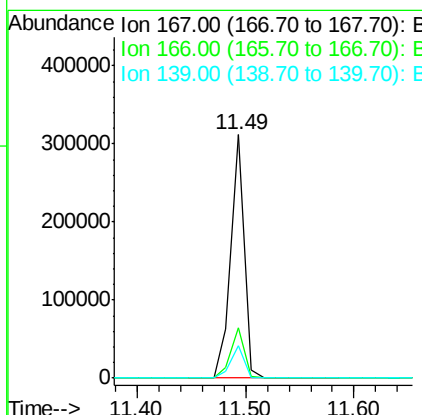
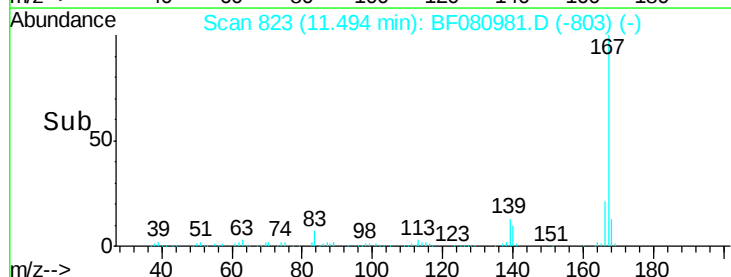
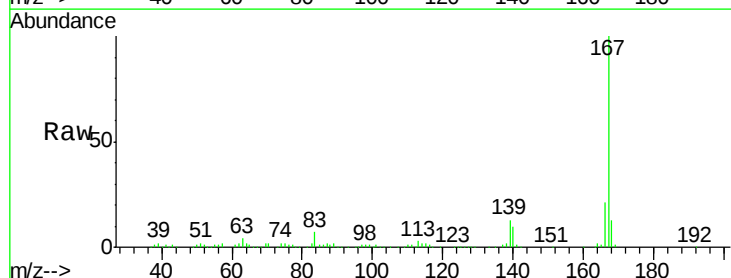
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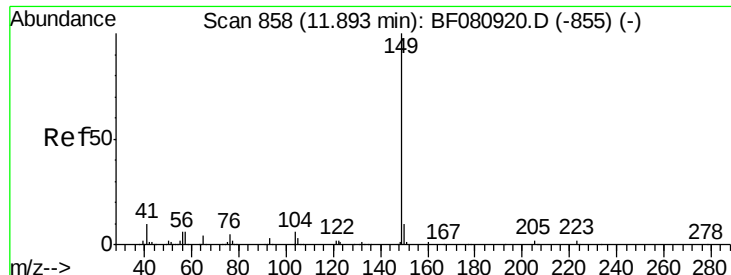
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#72
 Carbazole
 Concen: 27.38 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.5	9.2	13.8





#73

Di-n-butylphthalate

Concen: 30.28 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.06 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

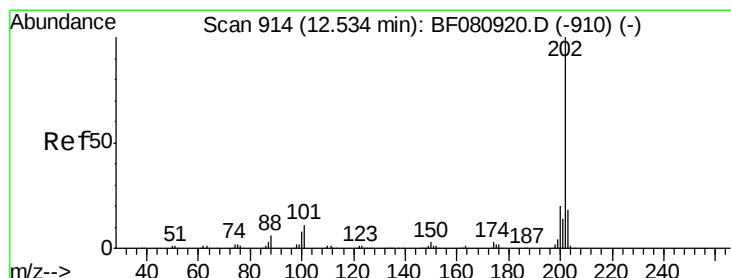
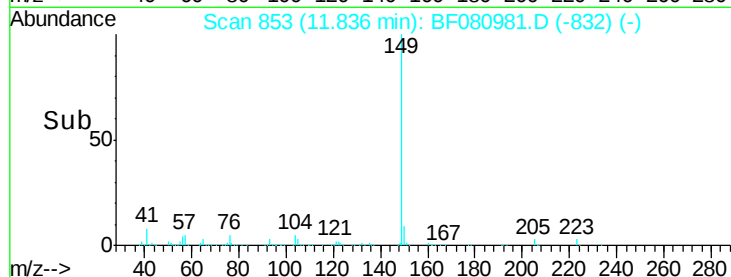
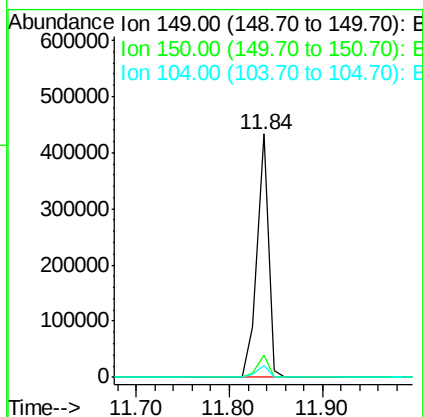
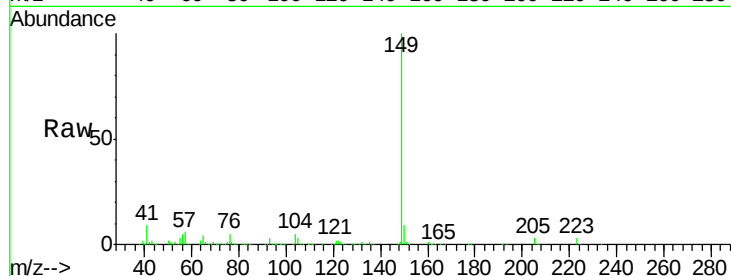
ClientSampleId :

CSB-03MSD

Tot Ion:	149	Resp:	368635
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	4.7	4.4	6.6

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#74

Fluoranthene

Concen: 21.64 ng

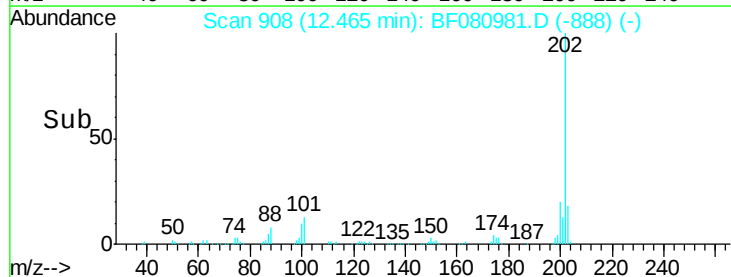
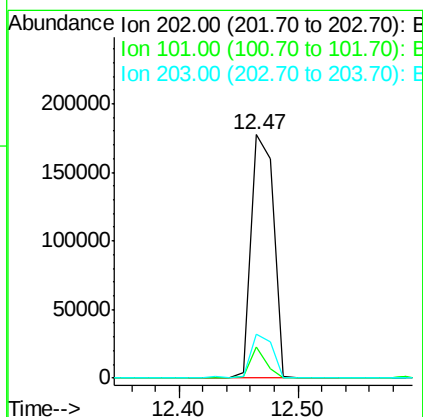
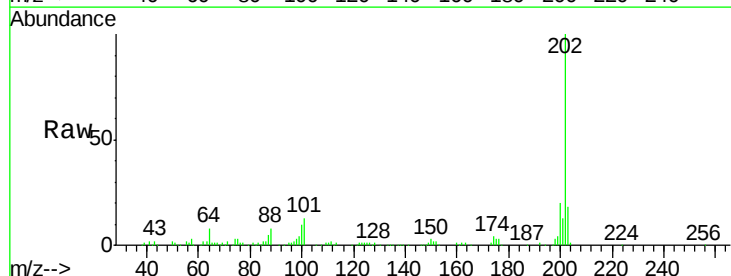
RT: 12.47 min Scan# 908

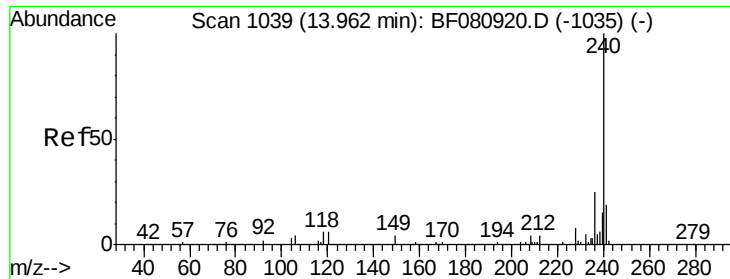
Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	202	Resp:	236331
Ion Ratio	Lower	Upper	
202	100		
101	12.7	0.0	30.5
203	18.1	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.08 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

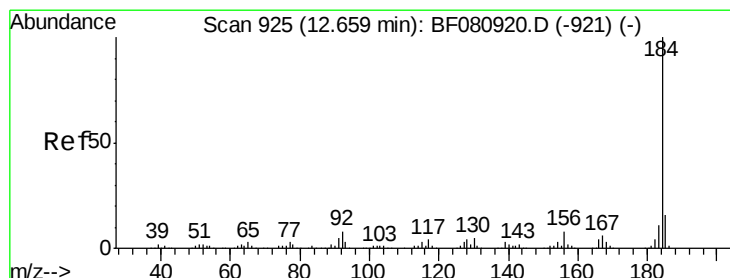
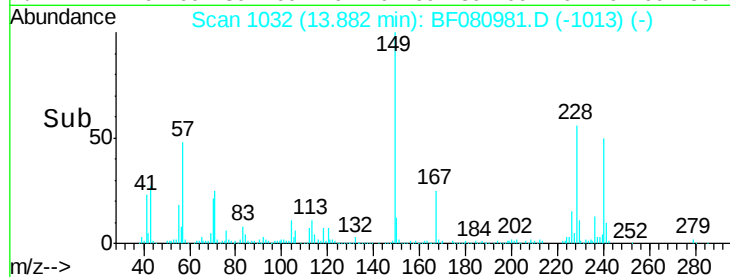
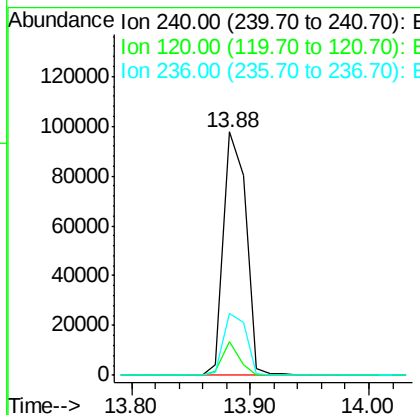
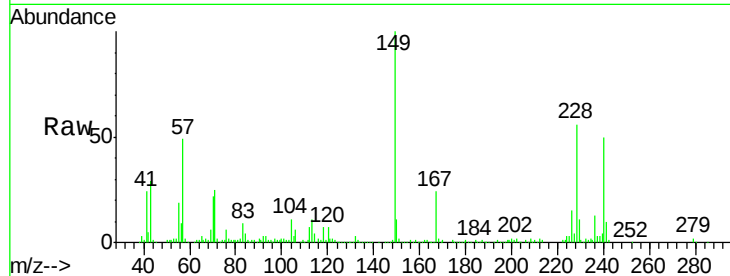
ClientSampleId :

CSB-03MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.2	7.8#
236	25.5	20.2	30.4

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#76

Benzidine

Concen: 13.26 ng

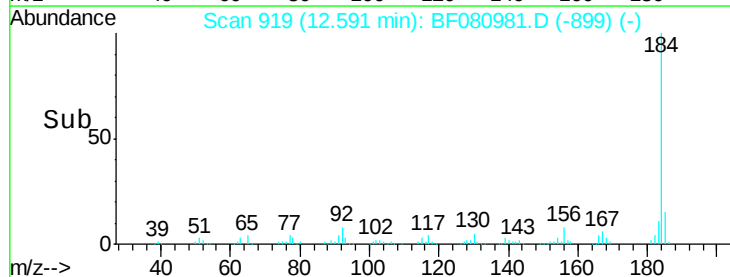
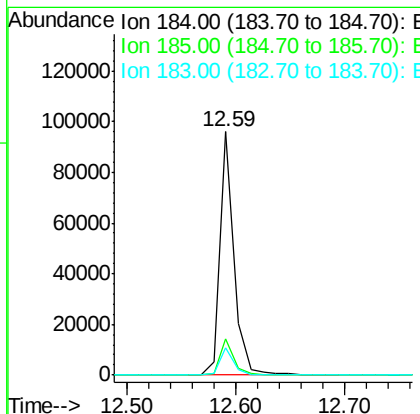
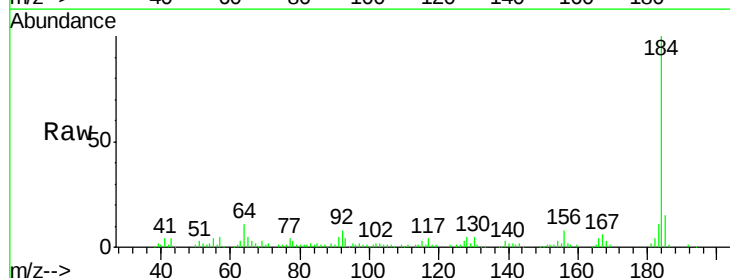
RT: 12.59 min Scan# 919

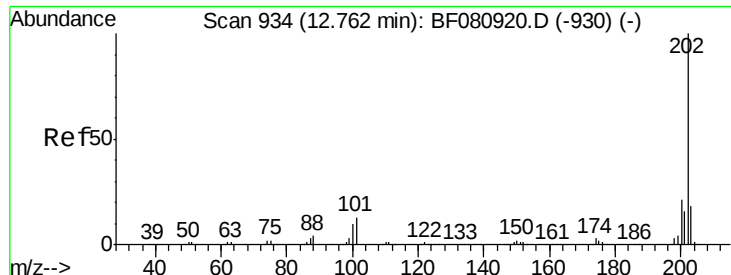
Delta R.T. -0.07 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	13.0	19.4
183	11.1	8.7	13.1





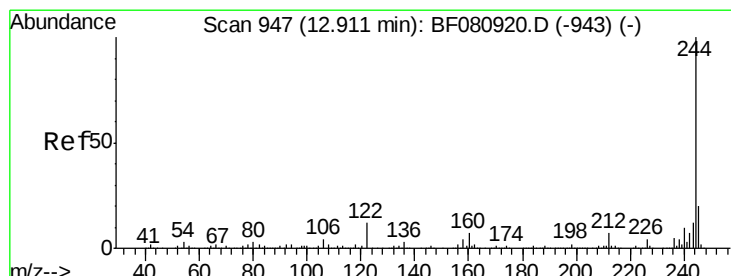
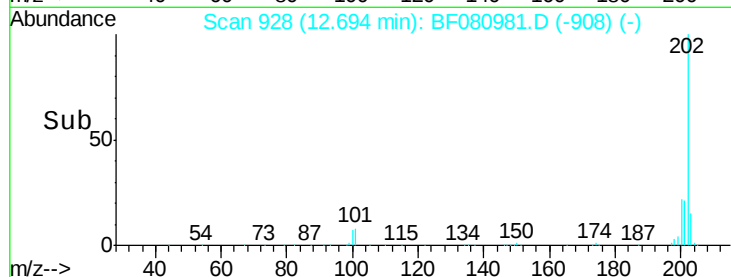
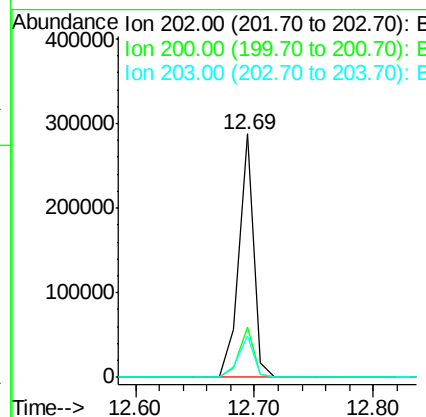
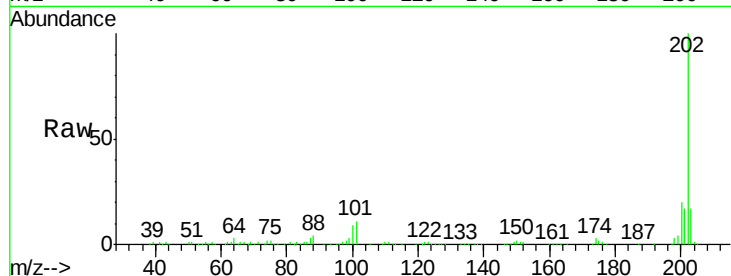
#77
Pvrene
Concen: 26.43 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.0	14.2	21.2

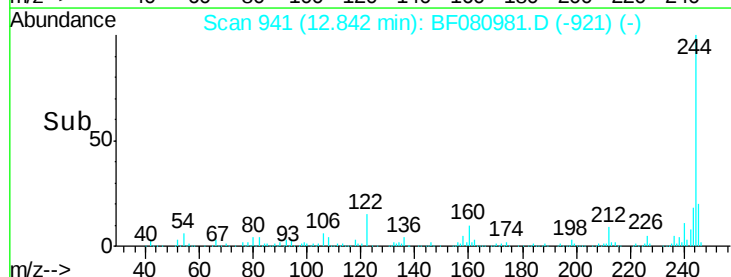
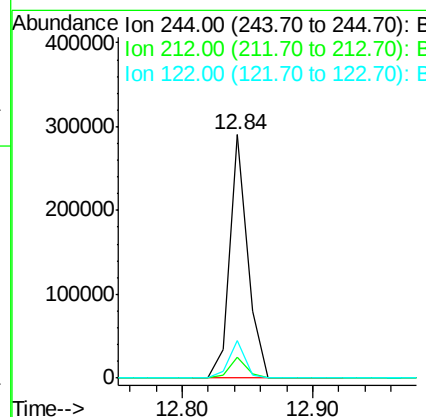
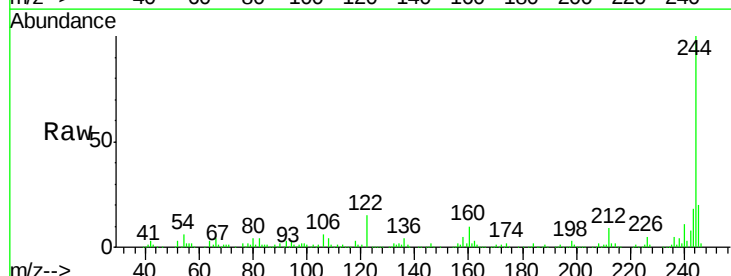
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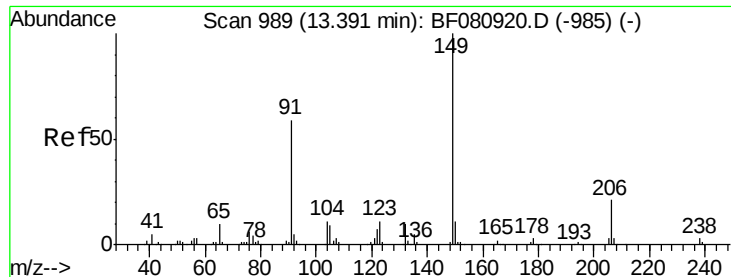
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8/14/2015 3:08:42 PM



#78
Terphenyl-d14
Concen: 44.95 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	5.8	8.8
122	15.2	9.4	14.2#





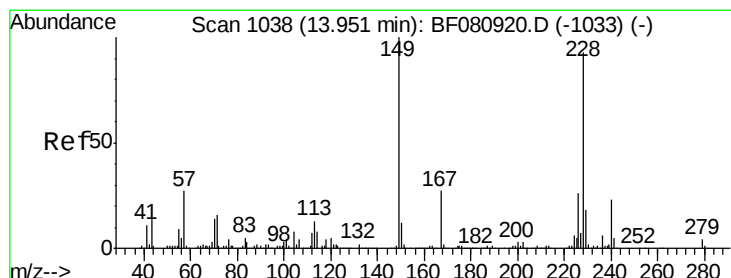
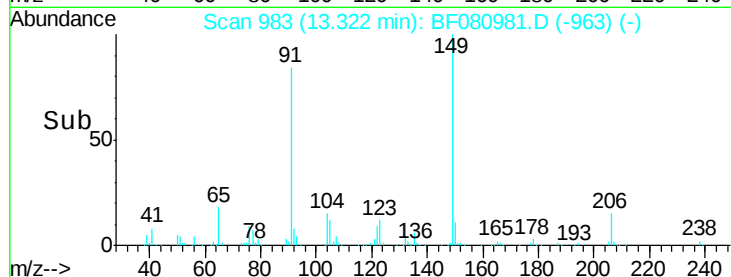
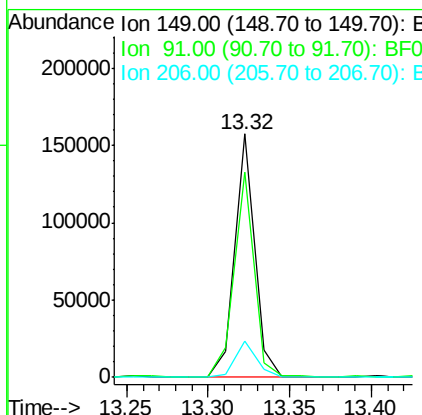
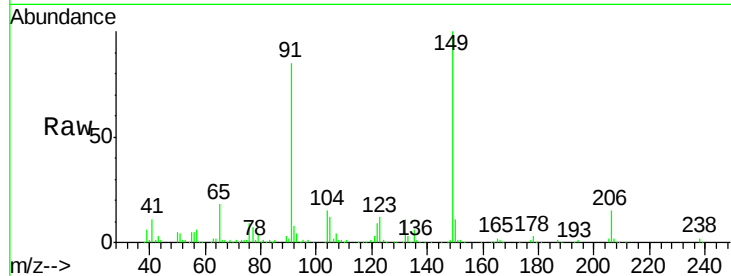
#79
Butylbenzylphthalate
Concen: 29.20 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.07 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	133289		
91	84.5	47.2	70.8#	
206	15.1	16.5	24.7#	

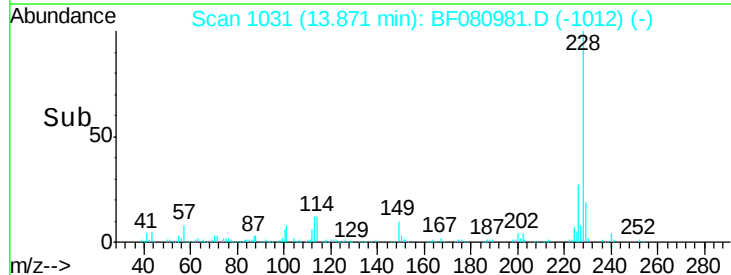
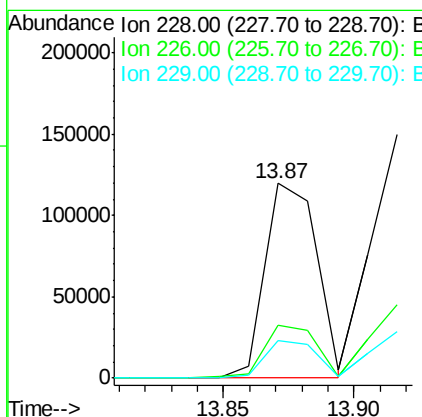
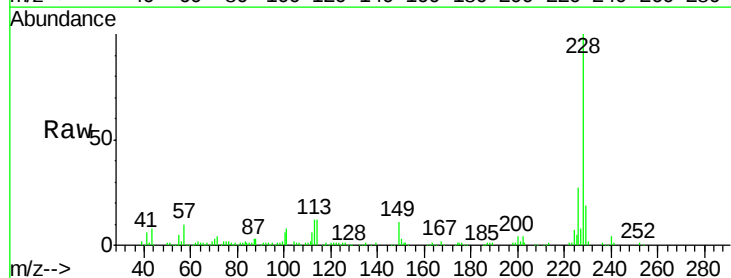
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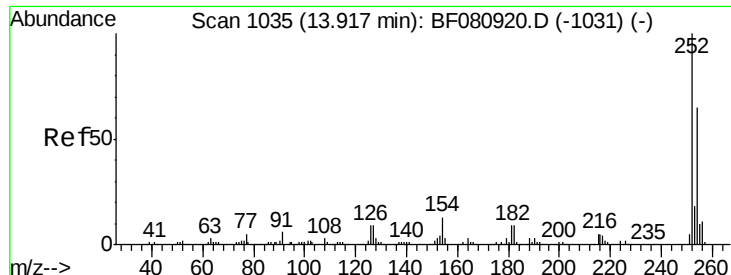
MMDadoda
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#80
Benzo(a)anthracene
Concen: 20.44 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.08 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	165425		
226	27.2	22.2	33.2	
229	19.4	15.8	23.6	





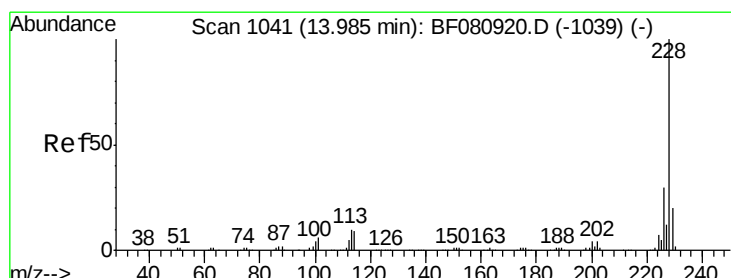
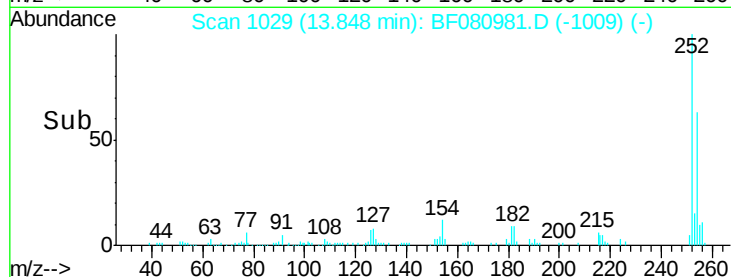
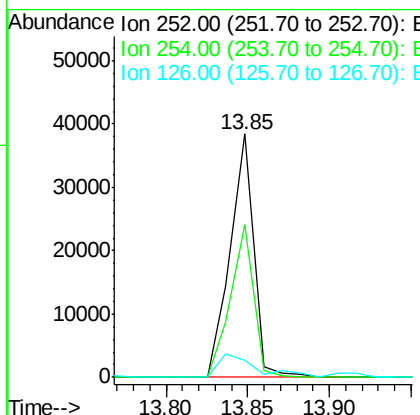
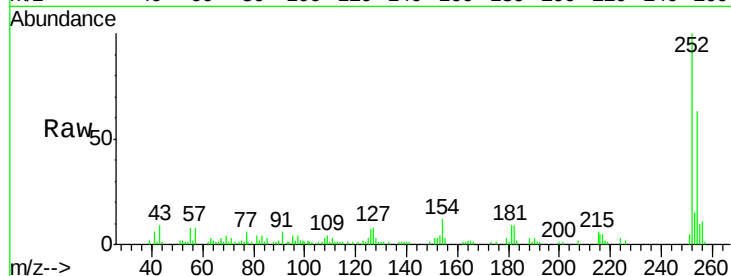
#81
 3,3'-Dichlorobenzidine
 Concen: 12.95 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	38141		
254	62.6	51.7	77.5	
126	7.3	7.1	10.7	

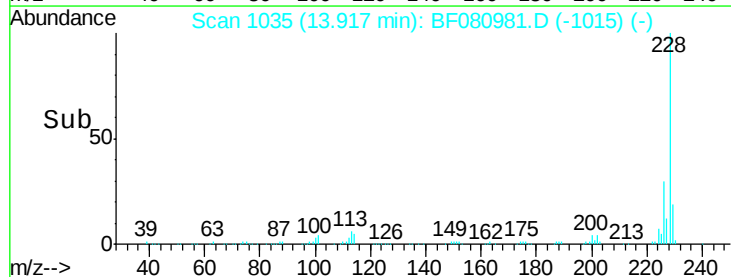
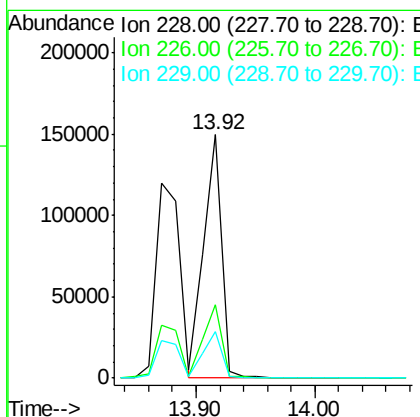
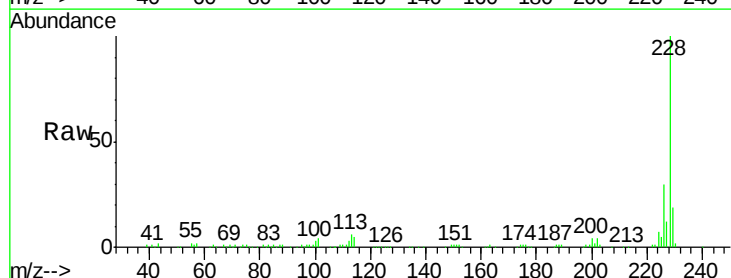
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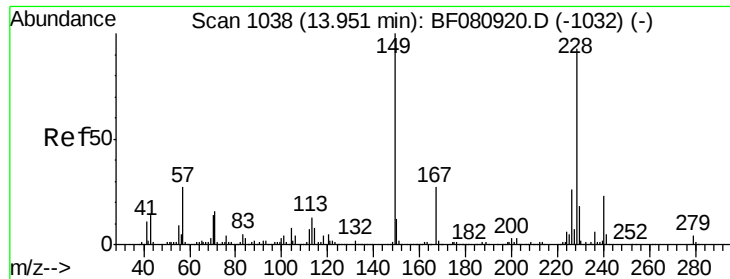
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#82
 Chrysene
 Concen: 20.74 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	160734		
226	29.9	23.9	35.9	
229	19.0	15.8	23.6	





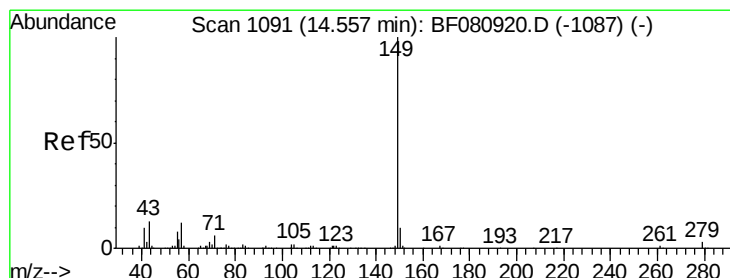
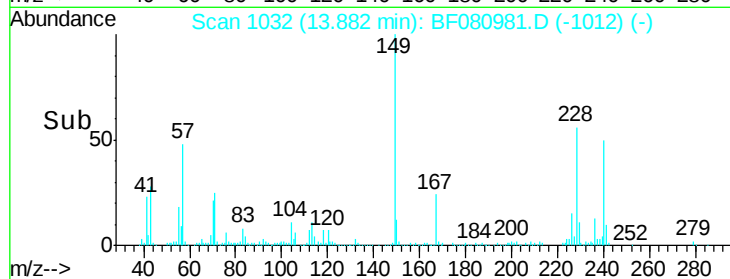
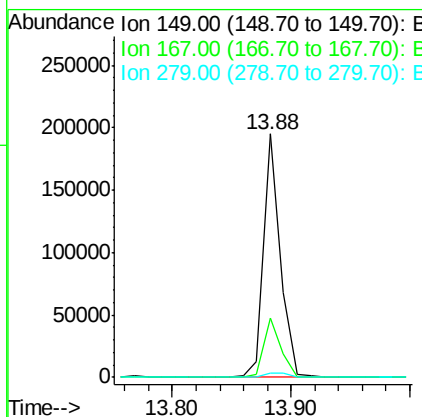
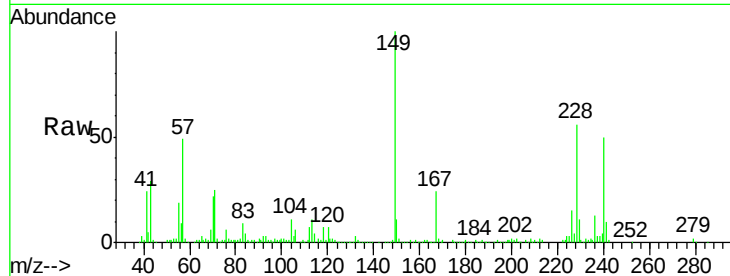
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.55 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	193993		
167	24.4	21.4	32.0	
279	1.7	2.9	4.3	

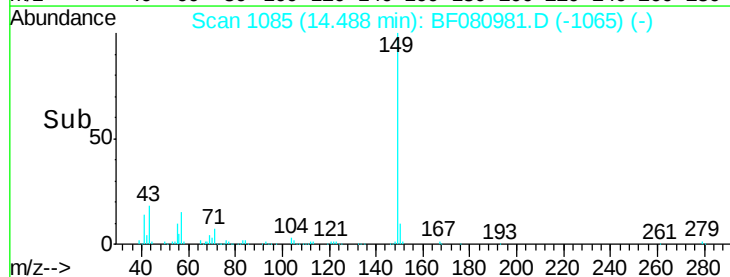
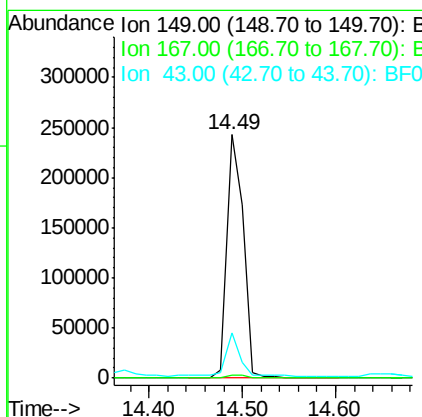
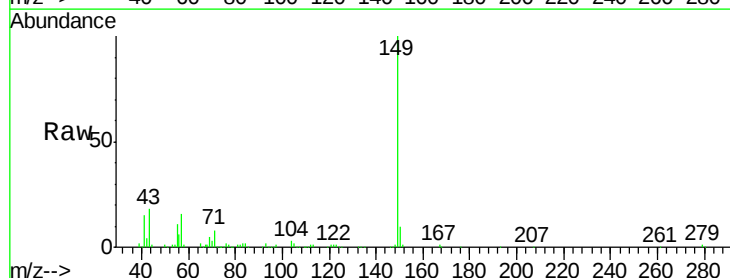
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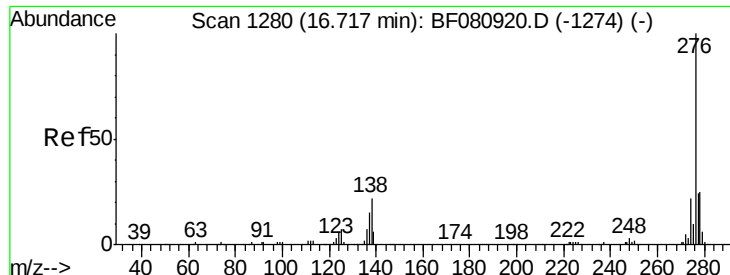
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#84
 Di-n-octyl phthalate
 Concen: 27.48 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.07 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	295847		
167	1.3	1.1	1.7	
43	15.4	11.0	16.4	





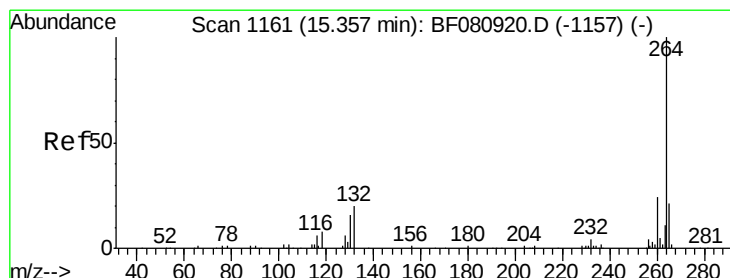
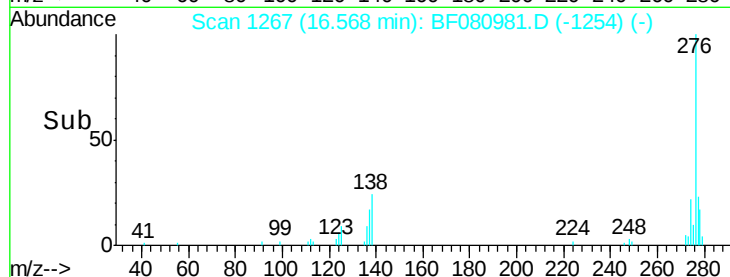
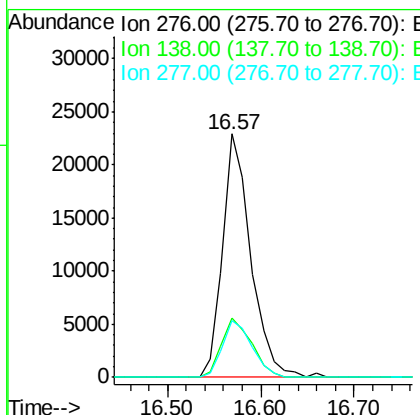
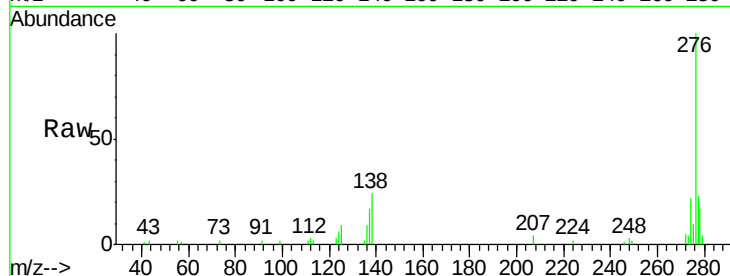
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.54 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.15 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion:	276	Resp:	48259
Ion Ratio	Lower	Upper	
276	100		
138	26.1	19.9	29.9
277	24.3	19.7	29.5

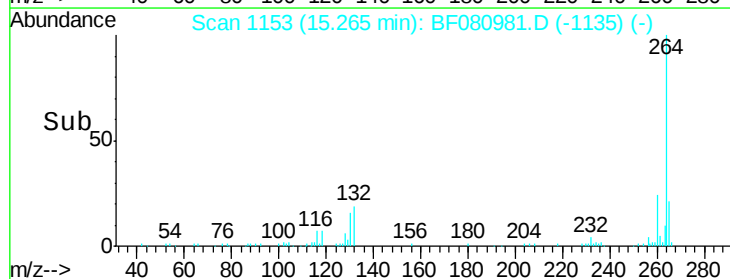
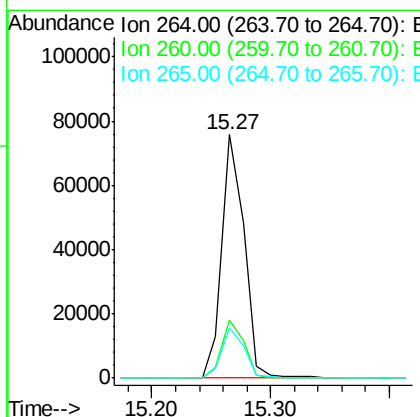
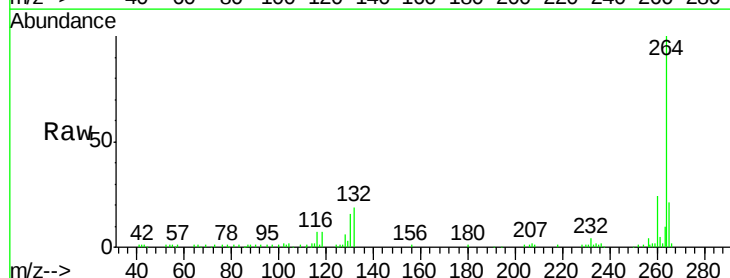
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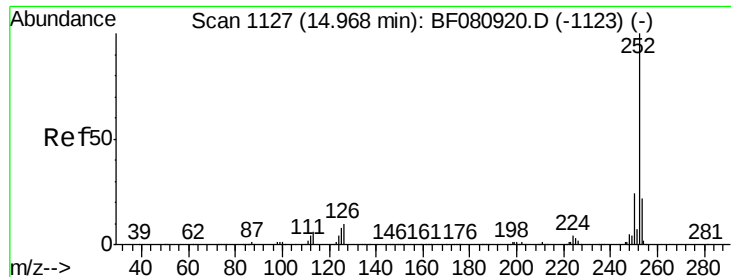
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.09 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Tgt Ion:	264	Resp:	98285
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.0
265	20.8	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 20.60 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.09 min

Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Instrument :

BNA_F

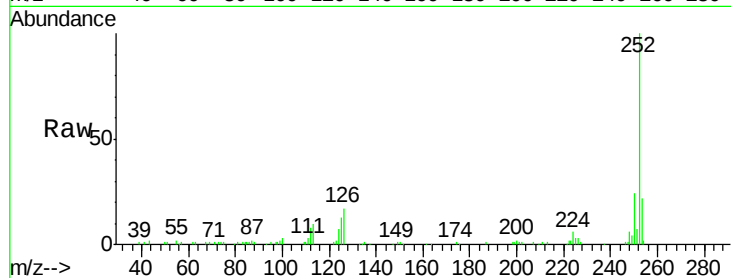
ClientSampleId :

CSB-03MSD

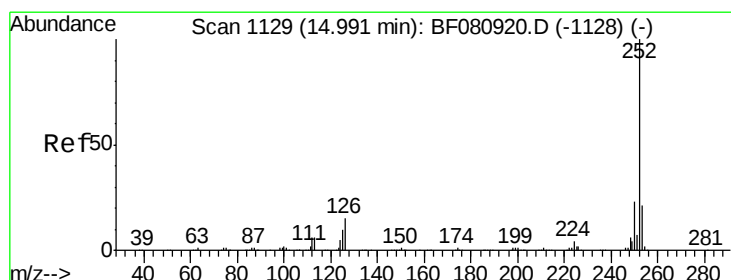
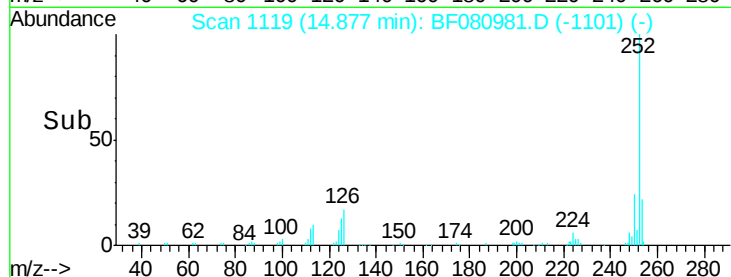
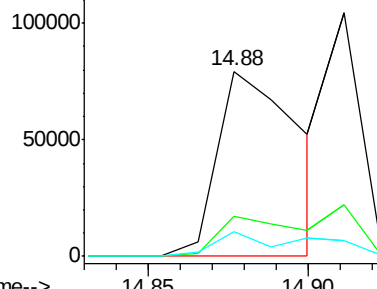
Tot Ion:	252	Resp:	140788
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	13.2	6.1	9.1#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 13.56 ng m

RT: 14.91 min Scan# 1122

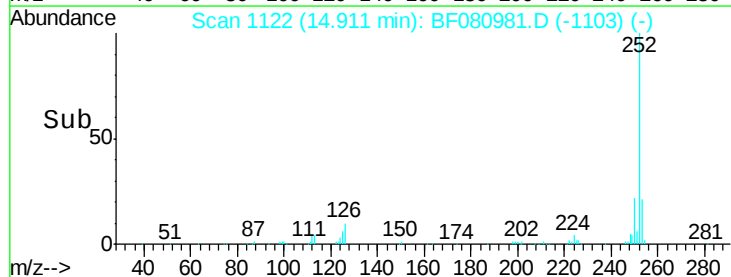
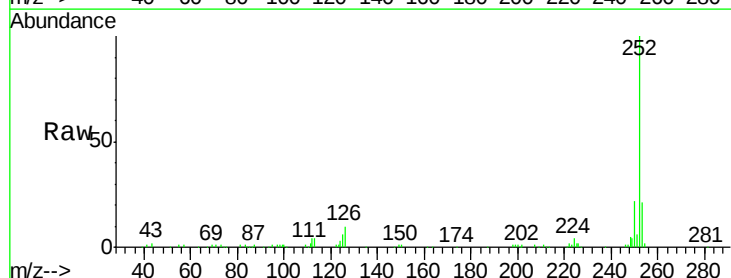
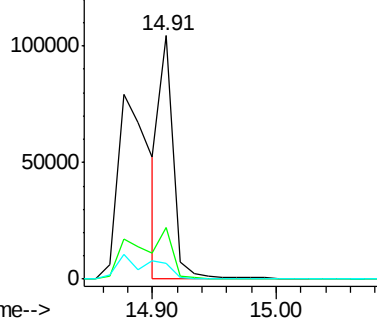
Delta R.T. -0.08 min

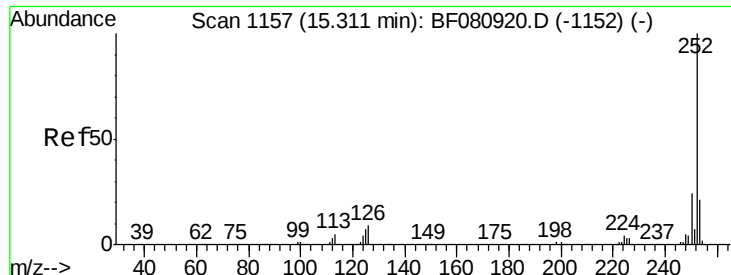
Lab File: BF080981.D

Acq: 13 Aug 2015 15:07

Tgt Ion:	252	Resp:	81058
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.4	26.2
125	6.4	9.0	13.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





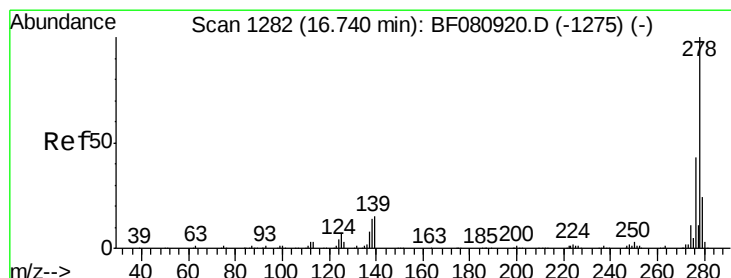
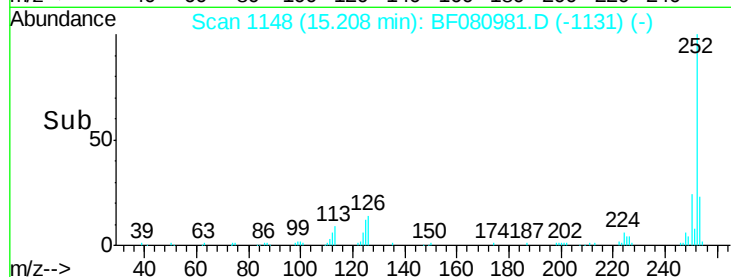
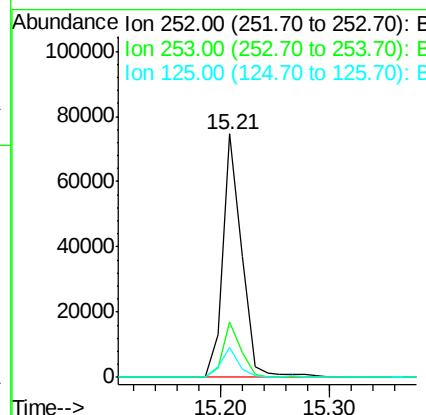
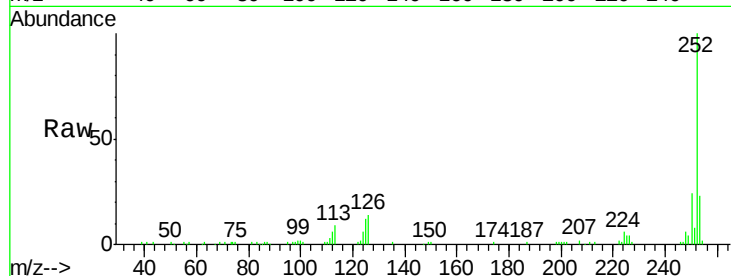
#89
Benzo(a)pyrene
Concen: 15.43 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.10 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.9	25.3
125	12.1	5.8	8.8#

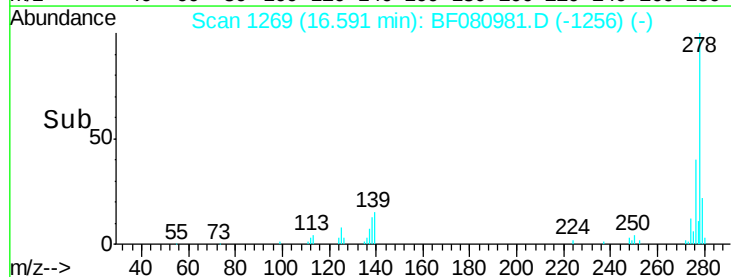
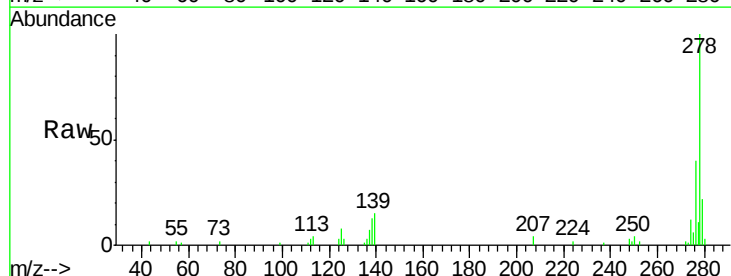
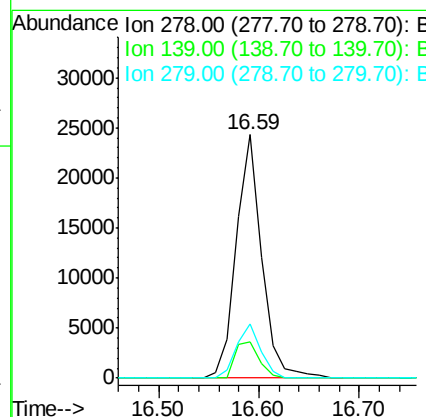
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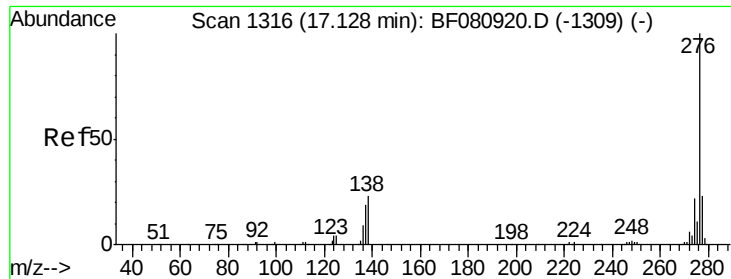
MMDadoda
8/14/2015 3:08:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 8.25 ng
RT: 16.59 min Scan# 1269
Delta R.T. -0.15 min
Lab File: BF080981.D
Acq: 13 Aug 2015 15:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.9	17.9
279	22.5	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 6.82 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. -0.16 min
 Lab File: BF080981.D
 Acq: 13 Aug 2015 15:07

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	17.5	18.4	27.6

Manual Integrations
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