

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080980.D
 Acq On : 13 Aug 2015 14:36
 Operator : UM/IZ
 Sample : G3248-11MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:35 PM

Quant Time: Aug 14 05:54:06 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	61172	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	194594	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	84584	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	181854	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	159871	20.00	ng	-0.07
86) Perylene-d12	15.27	264	98878	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	258897	69.15	ng	-0.03
7) Phenol-d6	6.38	99	419689	81.80	ng	-0.06
23) Nitrobenzene-d5	7.31	82	281206	68.35	ng	-0.07
41) 2,4,6-Tribromophenol	10.57	330	44237	47.61	ng	-0.07
44) 2-Fluorobiphenyl	9.12	172	401125	66.76	ng	-0.06
78) Terphenyl-d14	12.84	244	278516	35.98	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	33349	18.78	ng	93
3) Pyridine	3.01	79	77170	15.32	ng	# 84
4) n-Nitrosodimethylamine	2.94	42	62190	24.19	ng	85
6) Aniline	6.41	93	119608	15.87	ng	# 80
8) 2-Chlorophenol	6.53	128	113171	26.12	ng	95
9) Benzaldehyde	6.29	77	84194	24.35	ng	97
10) Phenol	6.40	94	125718	20.65	ng	80
11) bis(2-Chloroethyl)ether	6.49	93	104509	22.99	ng	93
12) 1,3-Dichlorobenzene	6.69	146	111297	24.21	ng	100
13) 1,4-Dichlorobenzene	6.77	146	122399	25.62	ng	99
14) 1,2-Dichlorobenzene	6.92	146	112723	26.10	ng	98
15) Benzyl Alcohol	6.90	79	115107	27.42	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	222470	24.33	ng	99
17) 2-Methylphenol	7.01	107	94702	25.61	ng	94
18) Hexachloroethane	7.26	117	49140	26.85	ng	92
19) n-Nitroso-di-n-propylamine	7.17	70	96874	25.83	ng	97
20) 3+4-Methylphenols	7.16	107	114215	24.59	ng	# 76
22) Acetophenone	7.16	105	172656	36.21	ng	# 93
24) Nitrobenzene	7.33	77	137932	32.56	ng	98
25) Isophorone	7.57	82	223068	28.20	ng	# 93
26) 2-Nitrophenol	7.65	139	53210	29.85	ng	94
27) 2,4-Dimethylphenol	7.70	122	104445	31.30	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	131830	27.76	ng	97
29) 2,4-Dichlorophenol	7.89	162	81697	29.80	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	82846	27.64	ng	99
31) Naphthalene	8.05	128	358719	33.44	ng	99
33) 4-Chloroaniline	8.11	127	76056	17.45	ng	97
34) Hexachlorobutadiene	8.18	225	48457	27.17	ng	95
35) Caprolactam	8.46	113	26969	27.34	ng	# 45
36) 4-Chloro-3-methylphenol	8.59	107	84555	25.27	ng	98
37) 2-Methylnaphthalene	8.75	142	201292	29.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	62361	23.91	ng	# 96
40) Hexachlorocyclopentadiene	8.90	237	80789	56.78	ng	96
42) 2,4,6-Trichlorophenol	9.02	196	41681	21.81	ng	99

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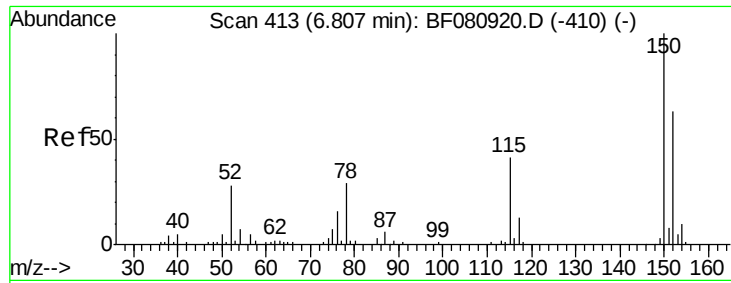
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	35867	18.62	nq	# 70
45) 1,1'-Biphenyl	9.21	154	185820	25.60	nq	97
46) 2-Chloronaphthalene	9.23	162	142557	25.19	nq	93
47) 2-Nitroaniline	9.33	65	68117	30.02	nq	# 83
48) Acenaphthylene	9.64	152	237871	24.18	nq	100
49) Dimethylphthalate	9.52	163	225962	32.16	nq	99
50) 2,6-Dinitrotoluene	9.57	165	39849	27.45	nq	89
51) Acenaphthene	9.81	154	134678	22.35	nq	99
52) 3-Nitroaniline	9.73	138	34864	19.48	nq	# 82
54) Dibenzofuran	9.98	168	202048	24.80	nq	92
55) 4-Nitrophenol	9.90	139	45141	33.70	nq	90
56) 2,4-Dinitrotoluene	9.97	165	55452	28.55	nq	88
57) Fluorene	10.33	166	162423	25.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	22498	14.76	nq	# 86
59) Diethylphthalate	10.21	149	203484	27.82	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	86980	28.32	nq	94
61) 4-Nitroaniline	10.35	138	45289	24.60	nq	92
62) Azobenzene	10.49	77	238483	29.16	nq	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	6991	6.20	nq	# 56
65) n-Nitrosodiphenylamine	10.44	169	154132	24.39	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	45426	23.58	nq	# 83
67) Hexachlorobenzene	10.88	284	47222	22.05	nq	# 74
68) Atrazine	10.98	200	51405	27.75	nq	90
69) Pentachlorophenol	11.07	266	16879	13.56	nq	97
70) Phenanthrene	11.29	178	264327	25.67	nq	99
71) Anthracene	11.33	178	225933	22.16	nq	99
72) Carbazole	11.49	167	272818	27.49	nq	# 98
73) Di-n-butylphthalate	11.84	149	389339	31.37	nq	99
74) Fluoranthene	12.48	202	235547	21.16	nq	92
76) Benzidine	12.59	184	81547	10.28	nq	97
77) Pyrene	12.69	202	230643	19.53	nq	100
79) Butylbenzylphthalate	13.32	149	119808	21.04	nq	# 73
80) Benzo(a)anthracene	13.88	228	181866	18.01	nq	98
81) 3,3'-Dichlorobenzidine	13.85	252	40778	11.10	nq	96
82) Chrysene	13.92	228	175322	18.13	nq	100
83) Bis(2-ethylhexyl)phthalate	13.88	149	222396	28.07	nq	# 93
84) Di-n-octyl phthalate	14.49	149	321305	23.92	nq	96
85) Indeno(1,2,3-cd)pyrene	16.57	276	64216	6.98	nq	97
87) Benzo(b)fluoranthene	14.88	252	125739m	18.29	nq	
88) Benzo(k)fluoranthene	14.91	252	77191m	12.83	nq	
89) Benzo(a)pyrene	15.21	252	81882	13.86	nq	# 95
90) Dibenzo(a,h)anthracene	16.59	278	55612	10.64	nq	99
91) Benzo(g,h,i)perylene	16.96	276	57894	11.39	nq	95

(#) = 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: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

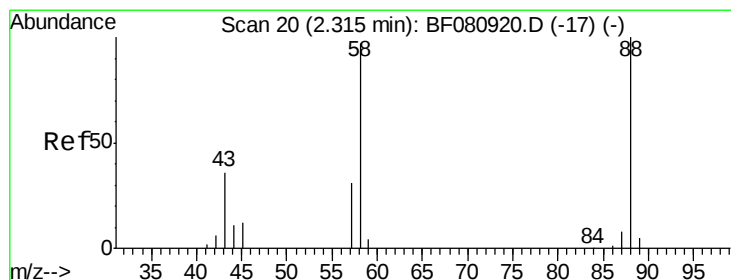
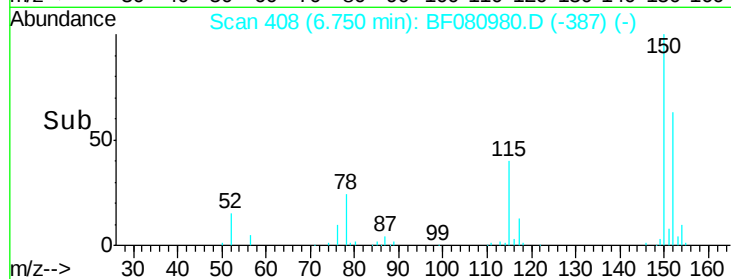
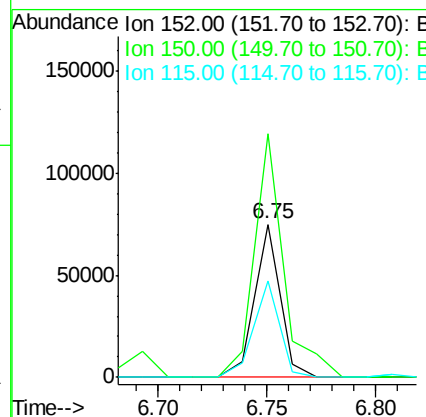
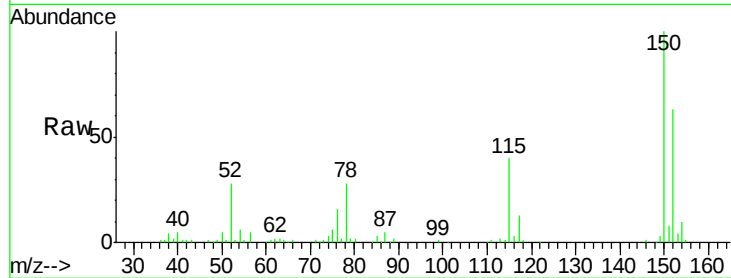
ClientSampleId :

CSB-03MS

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Tot Ion:	152	Resp:	61172
Ion	Ratio	Lower	Upper
152	100		
150	159.2	127.4	191.2
115	63.1	52.6	78.8



#2

1,4-Dioxane

Concen: 18.78 ng

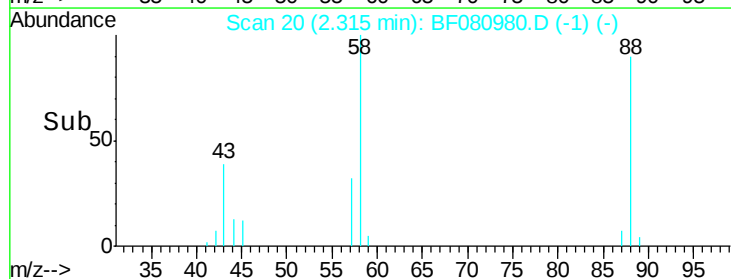
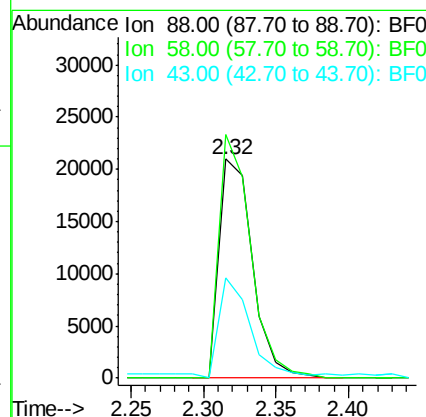
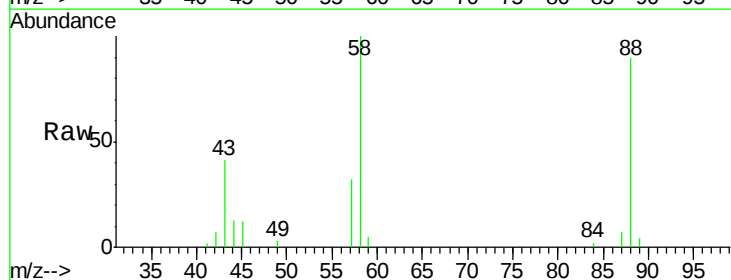
RT: 2.32 min Scan# 20

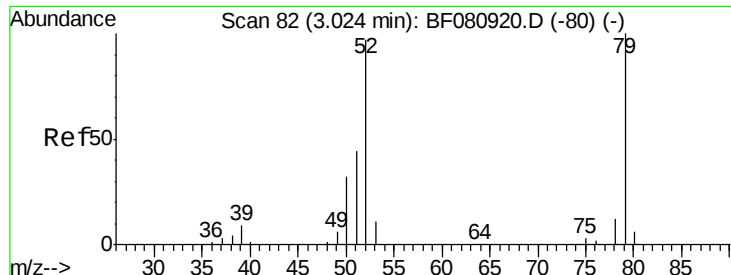
Delta R.T. 0.00 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	88	Resp:	33349
Ion	Ratio	Lower	Upper
88	100		
58	105.7	79.3	118.9
43	39.3	28.3	42.5





#3

Pvridine

Concen: 15.32 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

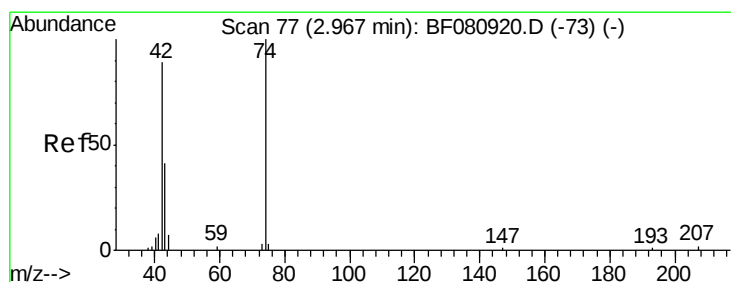
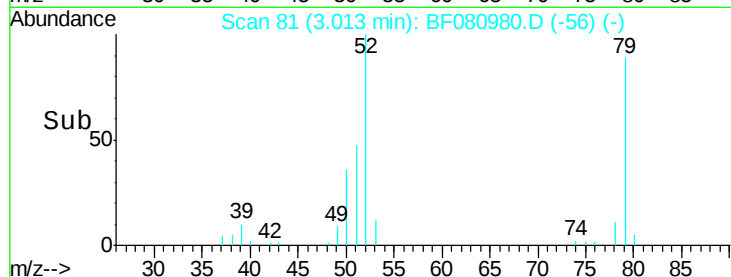
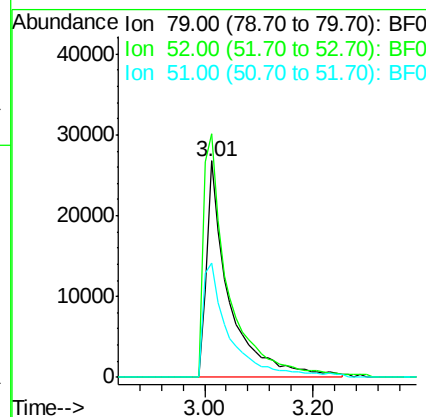
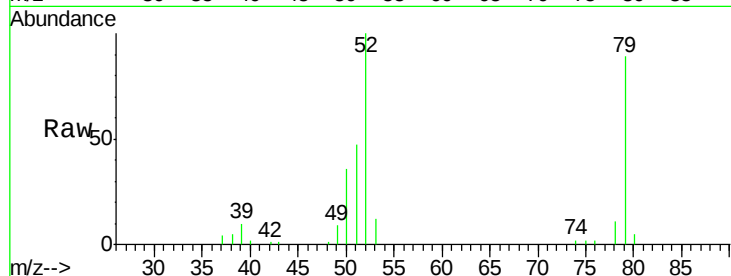
ClientSampleId :

CSB-03MS

Tot Ion:	79	Resp:	77170
Ion	Ratio	Lower	Upper
79	100		
52	112.6	77.2	115.8
51	52.7	35.0	52.4#

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#4

n-Nitrosodimethylamine

Concen: 24.19 ng

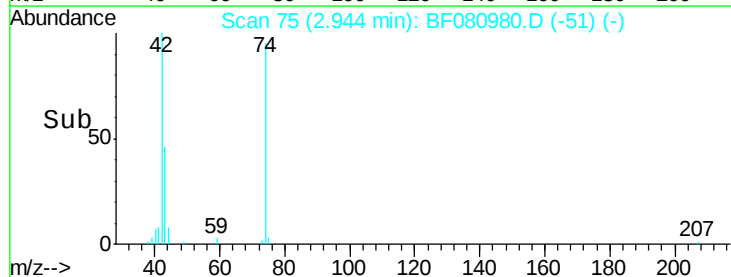
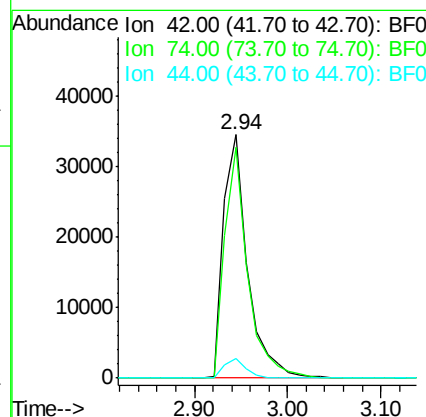
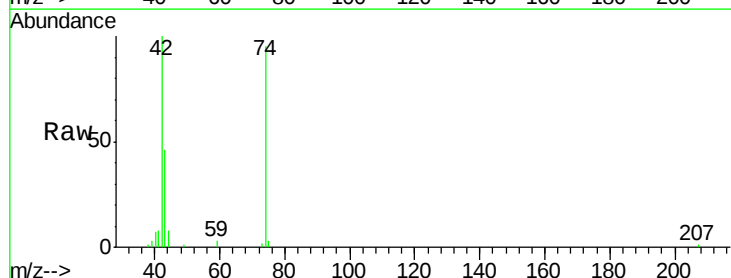
RT: 2.94 min Scan# 75

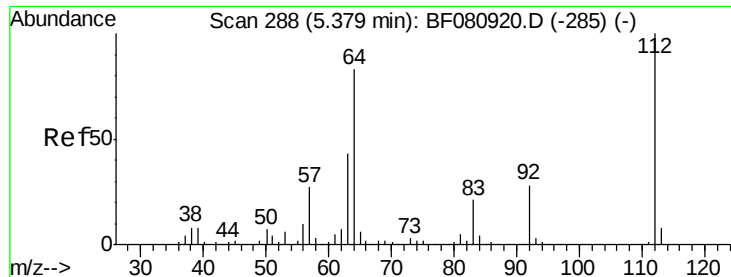
Delta R.T. -0.02 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	42	Resp:	62190
Ion	Ratio	Lower	Upper
42	100		
74	95.0	89.8	134.8
44	7.8	6.5	9.7





#5

2-Fluorophenol

Concen: 69.15 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF080980.D

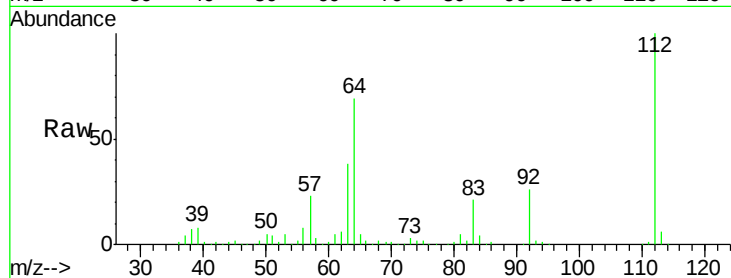
Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

ClientSampleId :

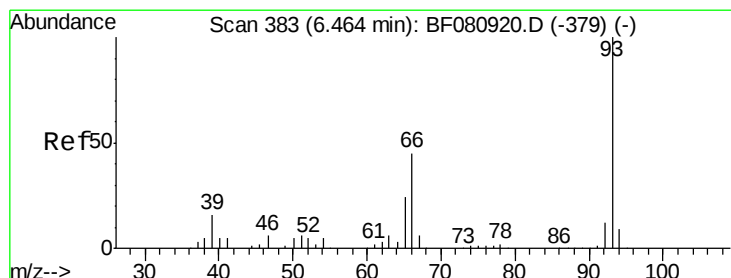
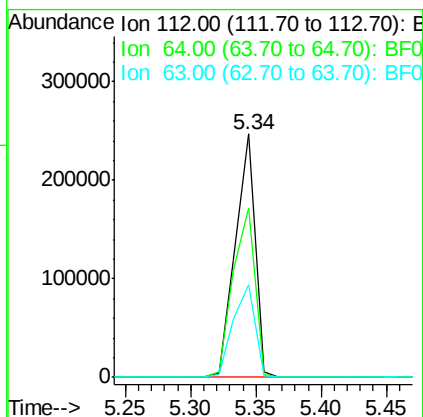
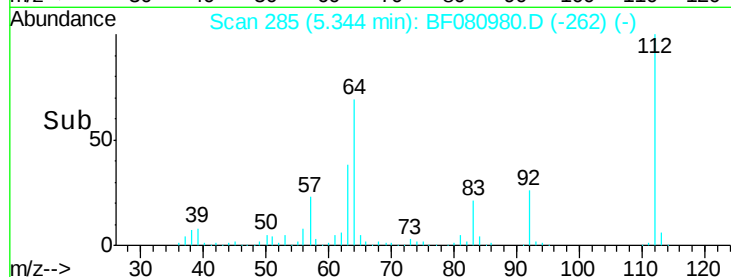
CSB-03MS



Tot Ion	Ratio	Resp	Lower	Upper
112	100	258897		
64	69.3	66.1	99.1	
63	38.1	34.6	52.0	

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#6

Aniline

Concen: 15.87 ng

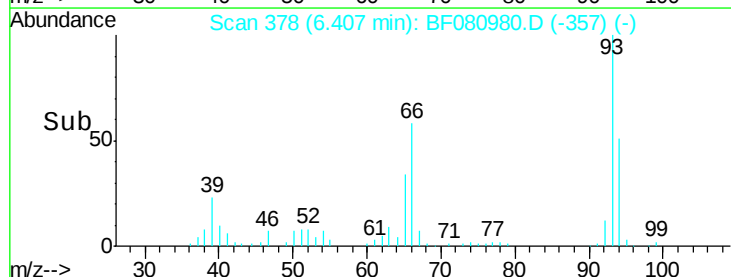
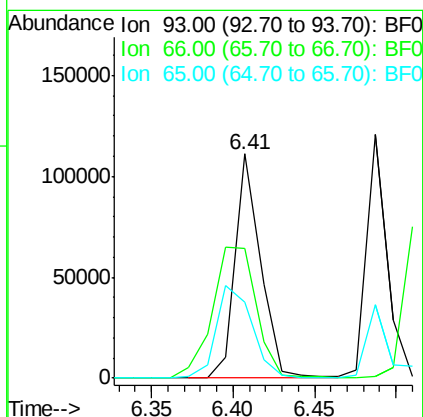
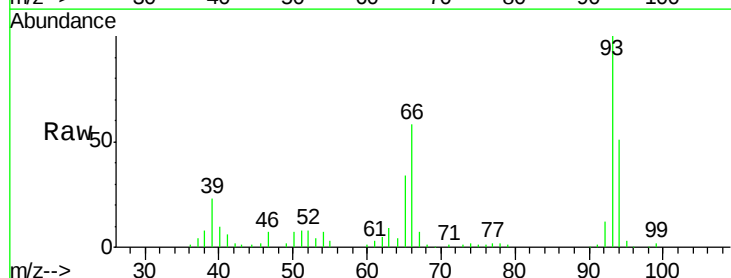
RT: 6.41 min Scan# 378

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119608		
66	57.9	36.2	54.4#	
65	34.1	19.0	28.4#	





#7

Phenol-d6

Concen: 81.80 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

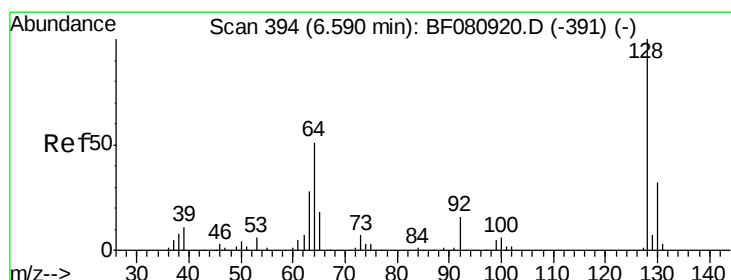
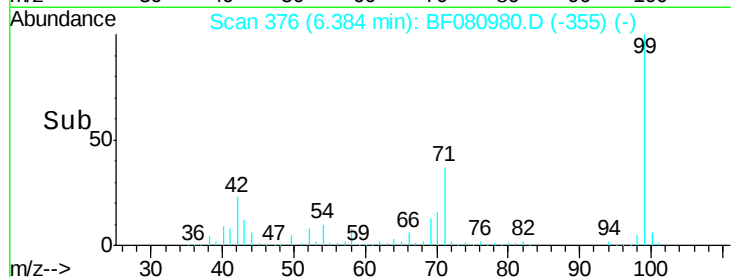
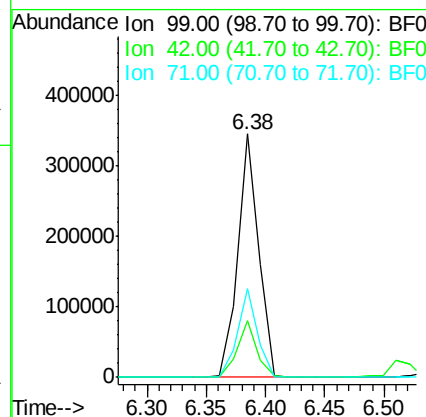
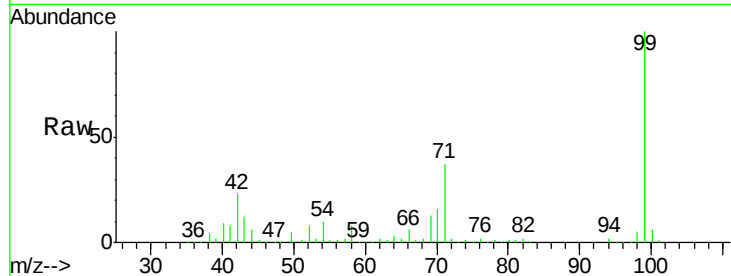
ClientSampleId :

CSB-03MS

Tot Ion:	99	Resp:	419689
Ion Ratio	Lower	Upper	
99	100		
42	23.4	14.4	21.6#
71	36.6	25.8	38.8

Manual Integrations
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#8

2-Chlorophenol

Concen: 26.12 ng

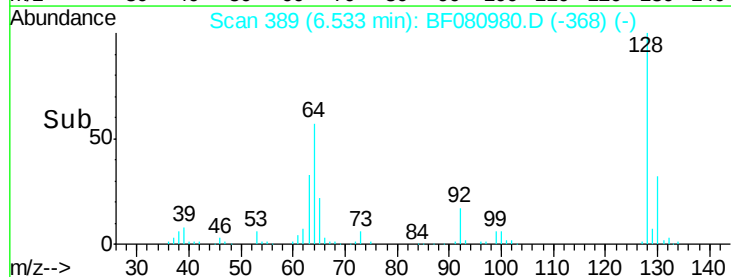
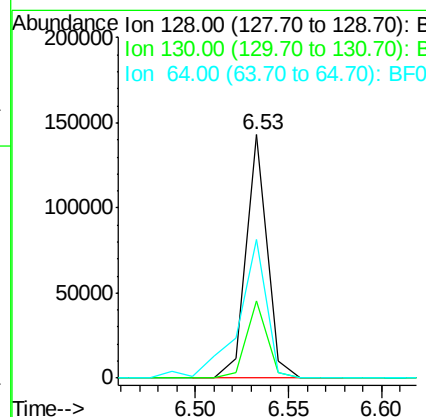
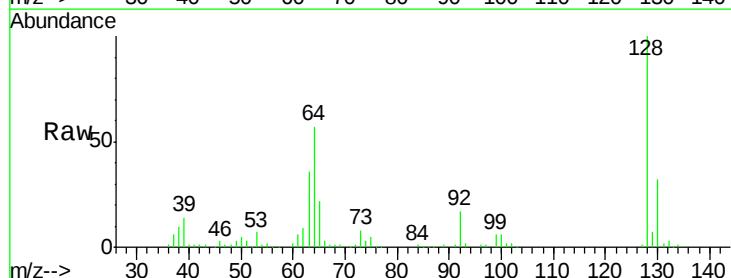
RT: 6.53 min Scan# 389

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	128	Resp:	113171
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.4	52.4
64	57.2	32.1	72.1





#9

Benzaldehyde

Concen: 24.35 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.06 min

Lab File: BF080980.D

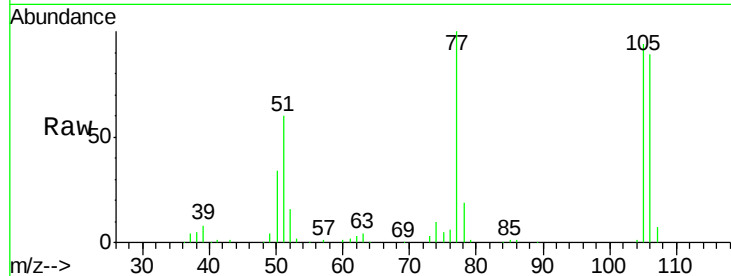
Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

ClientSampleId :

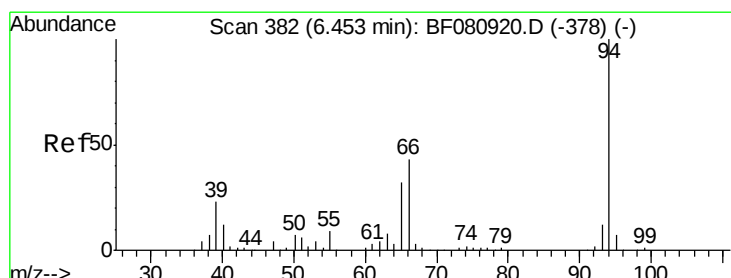
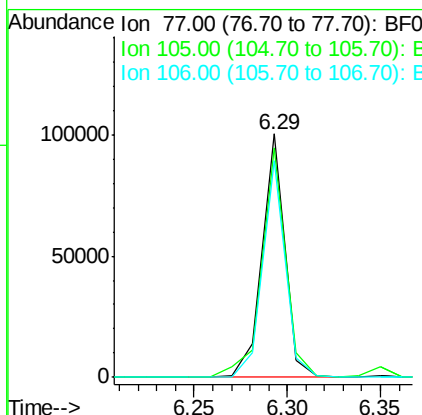
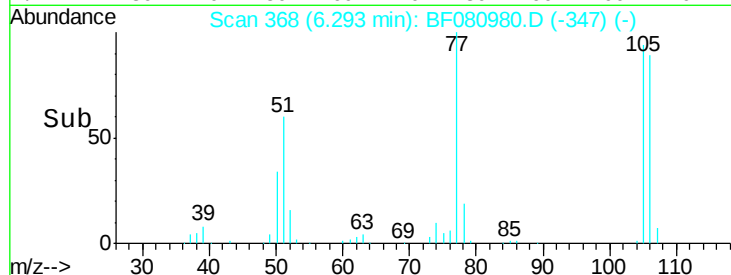
CSB-03MS



Tot Ion:	77	Resp:	84194
Ion	Ratio	Lower	Upper
77	100		
105	94.0	71.6	111.6
106	88.8	65.7	105.7

Manual Integrations
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#10

Phenol

Concen: 20.65 ng

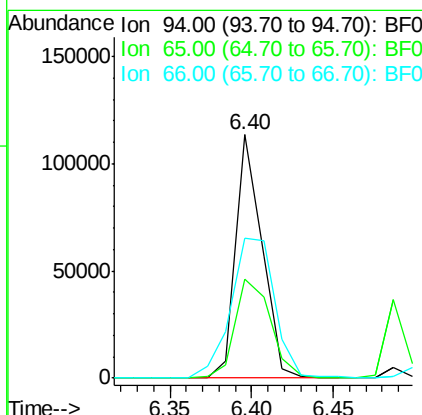
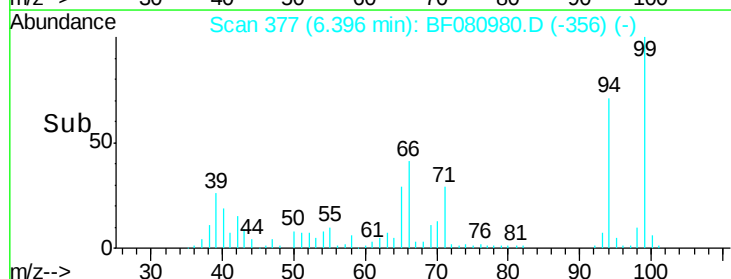
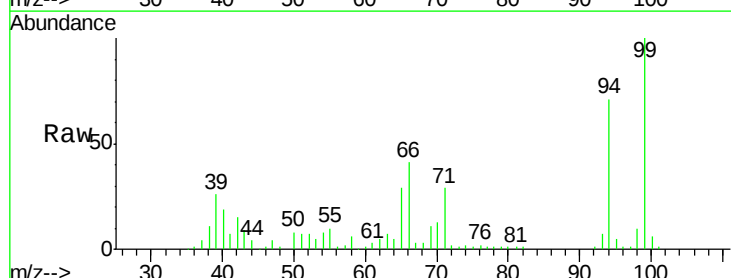
RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	94	Resp:	125718
Ion	Ratio	Lower	Upper
94	100		
65	40.6	11.8	51.8
66	57.4	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 22.99 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

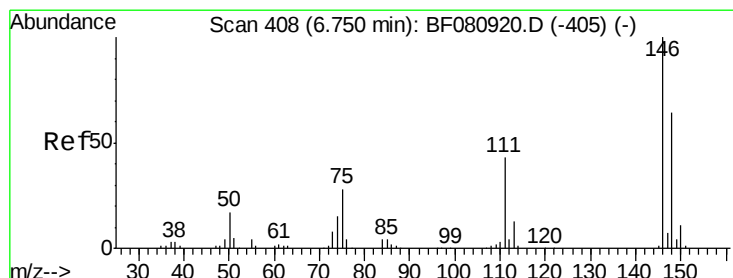
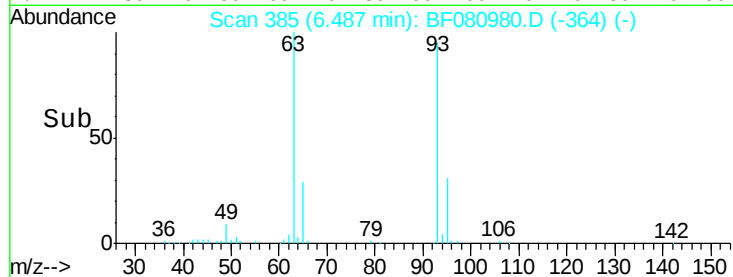
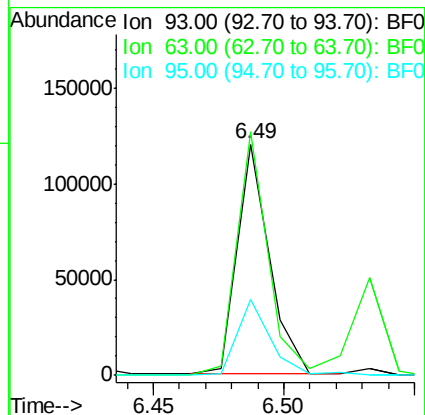
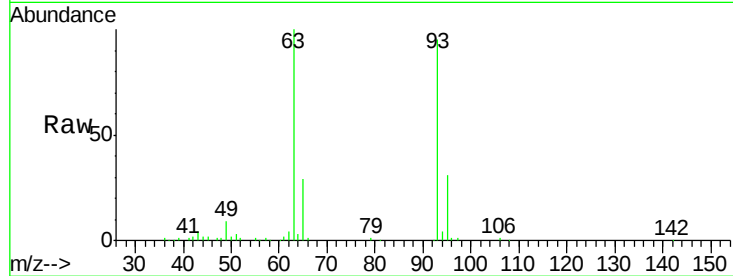
ClientSampleId :

CSB-03MS

Tot Ion:	93	Resp:	104509
Ion Ratio	Lower	Upper	
93	100		
63	105.3	76.7	116.7
95	33.1	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 24.21 ng

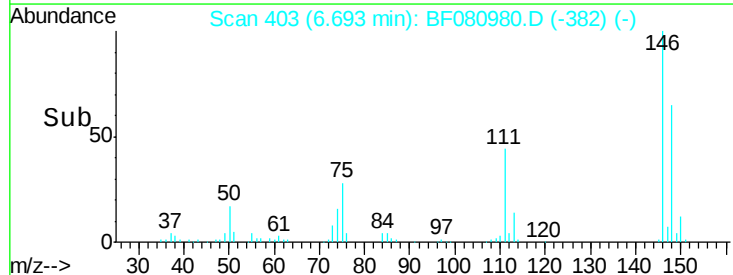
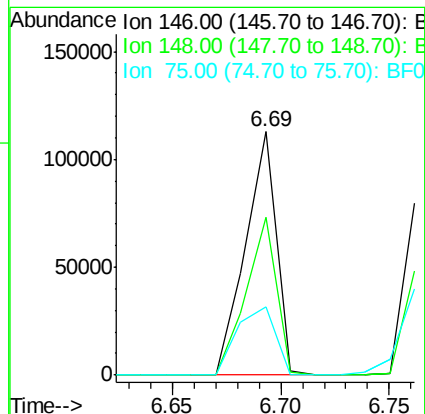
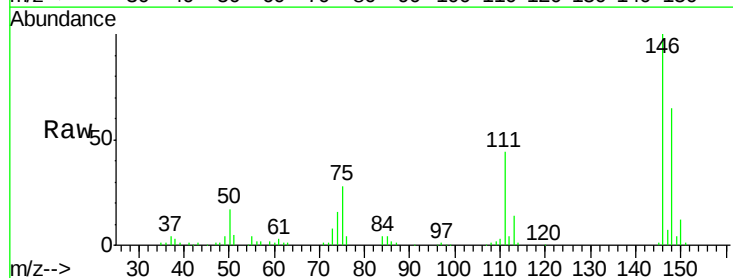
RT: 6.69 min Scan# 403

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	146	Resp:	111297
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.4	77.0
75	27.8	22.2	33.4





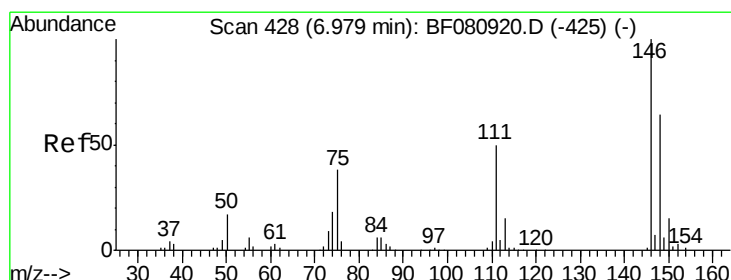
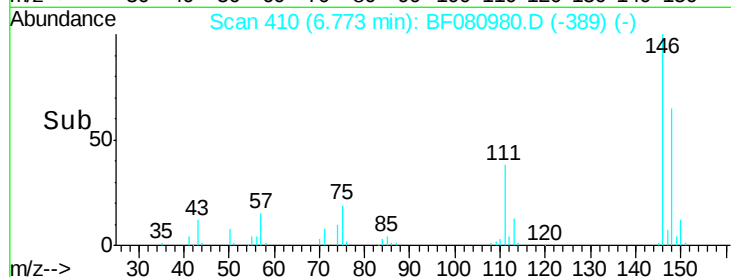
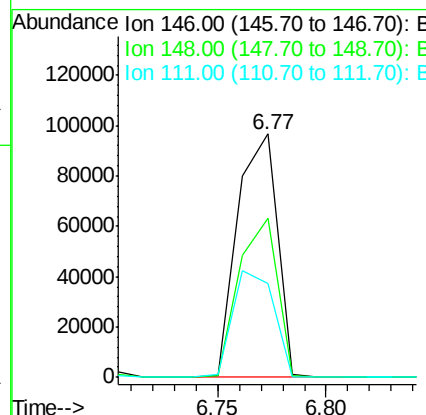
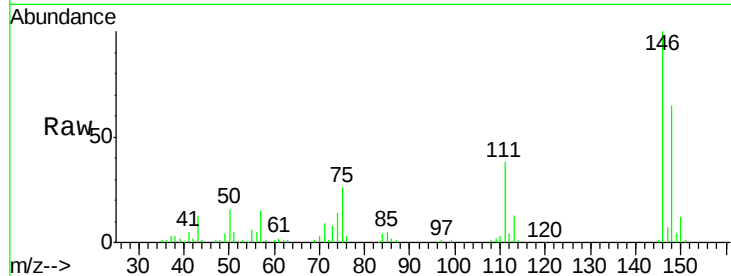
#13
 1,4-Dichlorobenzene
 Concen: 25.62 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.4
111	38.5	31.5	47.3

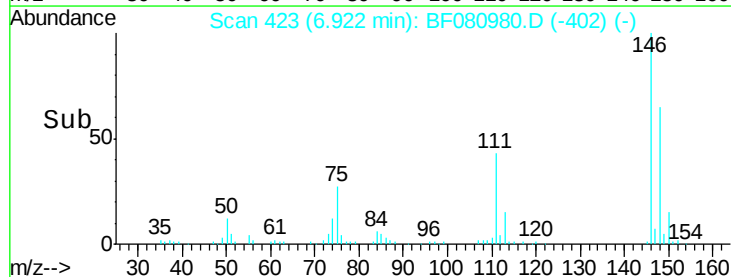
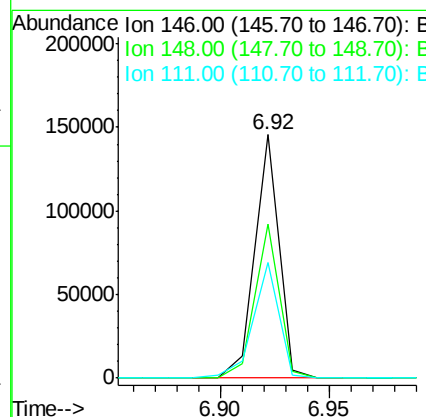
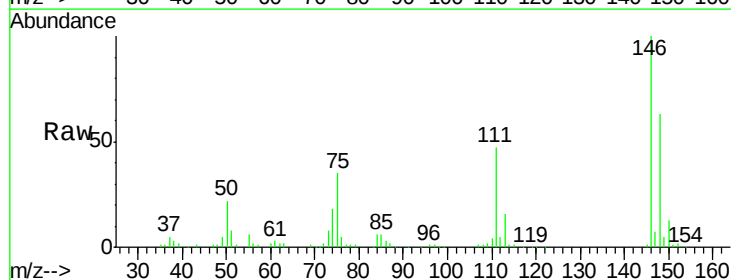
Manual Integrations
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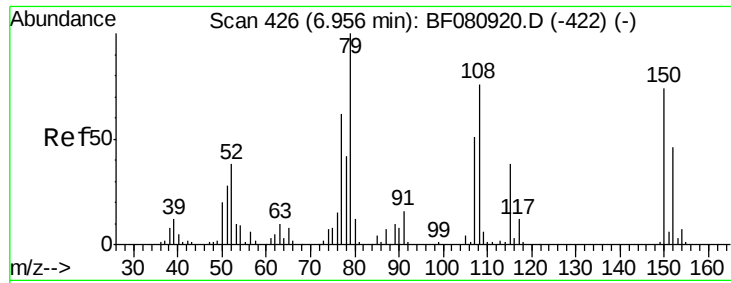
MMDadoda
 8/14/2015 3:08:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 26.10 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	47.5	40.0	60.0





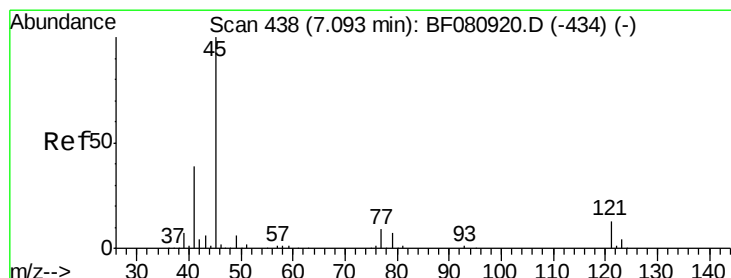
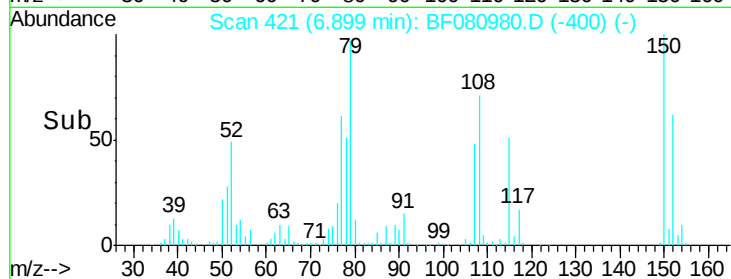
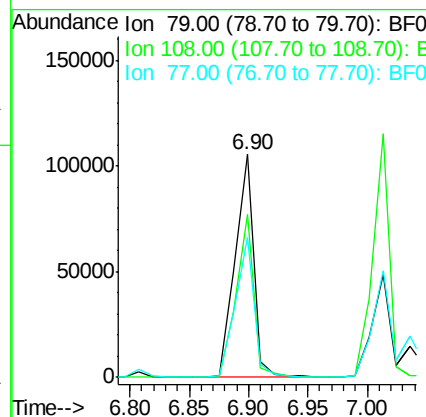
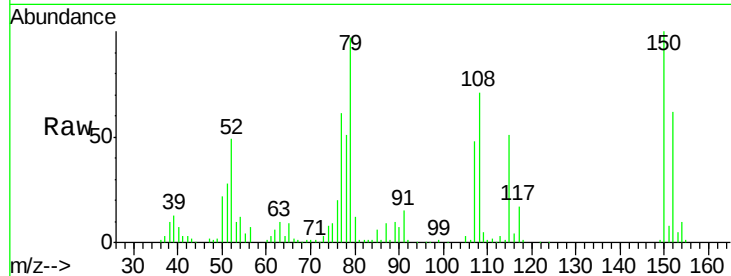
#15
Benzyl Alcohol
Concen: 27.42 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.0	60.9	91.3
77	63.1	49.4	74.0

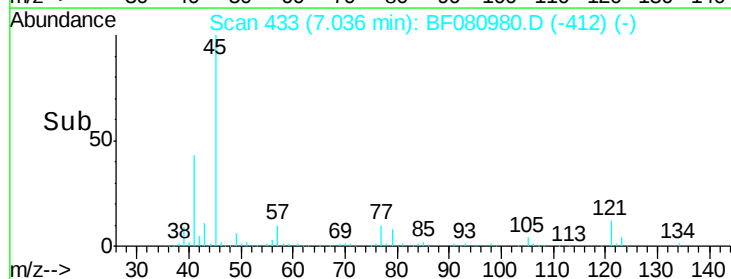
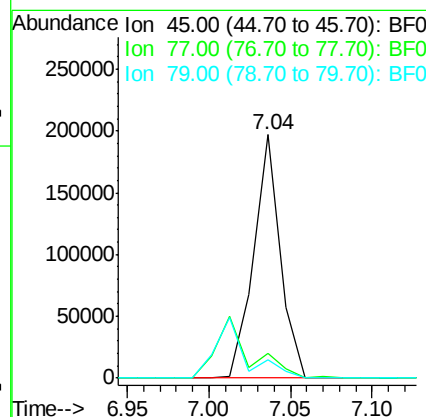
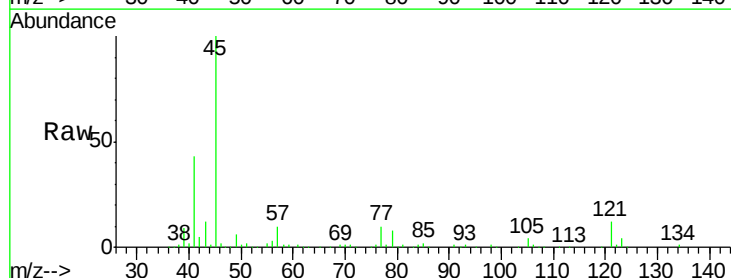
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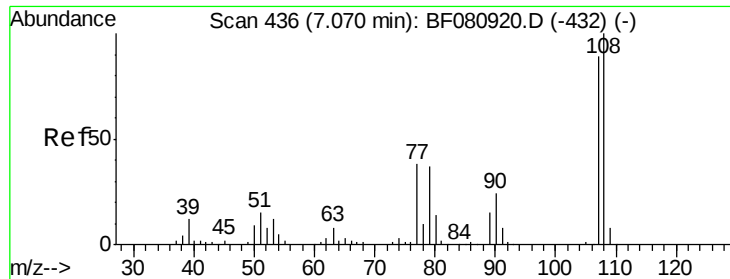
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 24.33 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.1	0.0	29.6
79	7.6	0.0	27.7





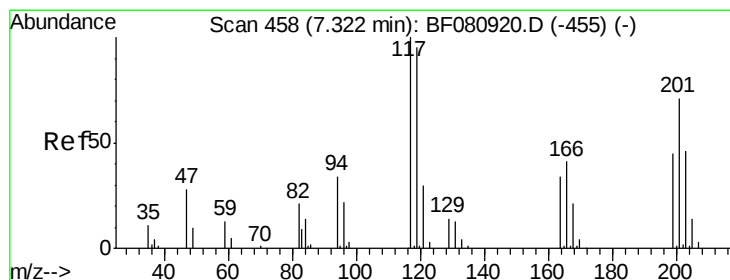
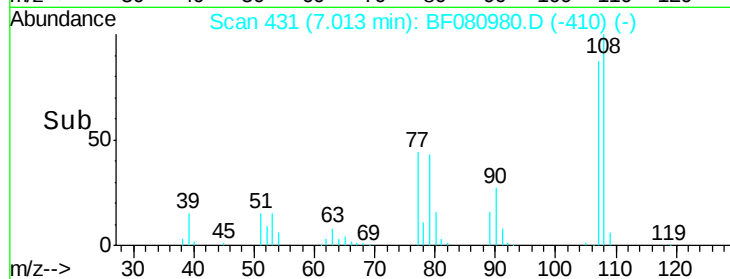
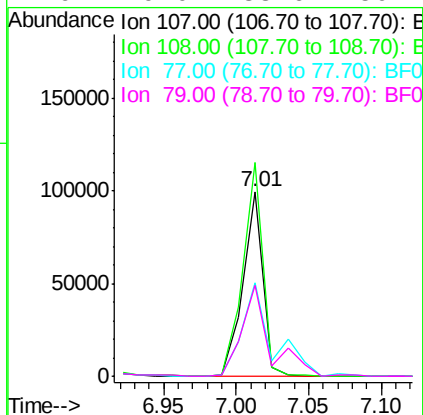
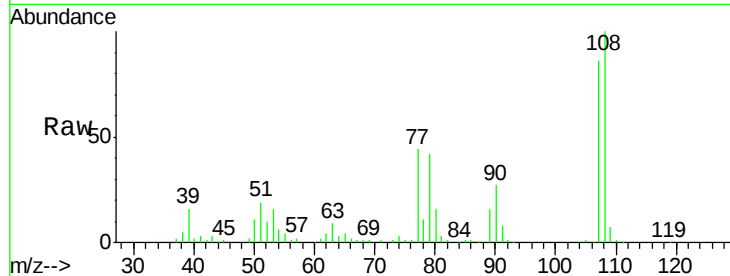
#17
2-Methylphenol
Concen: 25.61 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion:	107	Resp:	94702
Ion Ratio	Lower	Upper	
107	100		
108	115.6	90.3	135.5
77	50.6	34.6	51.8
79	49.0	33.6	50.4

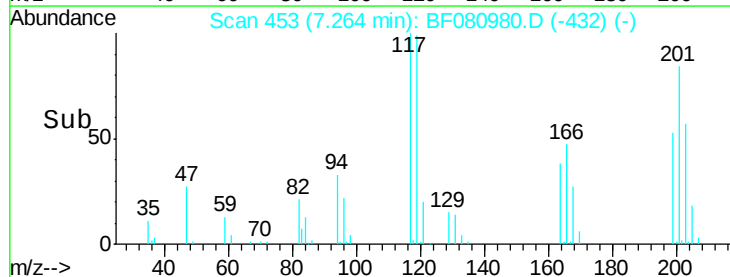
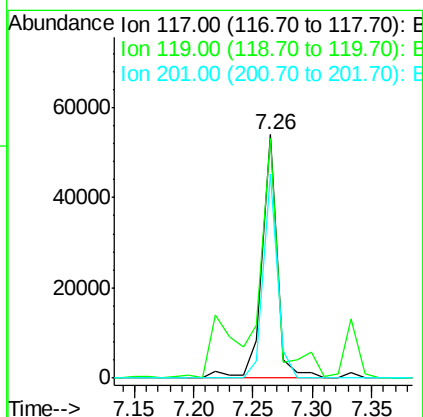
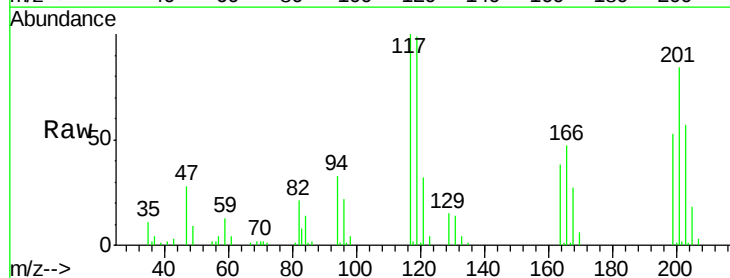
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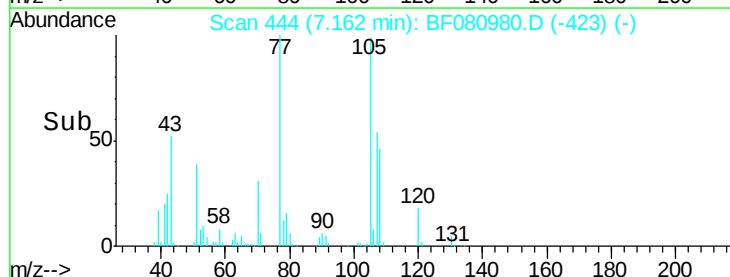
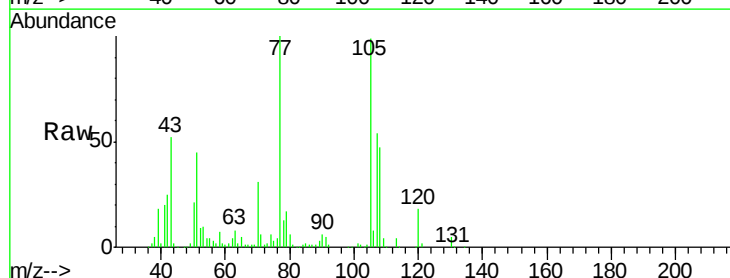
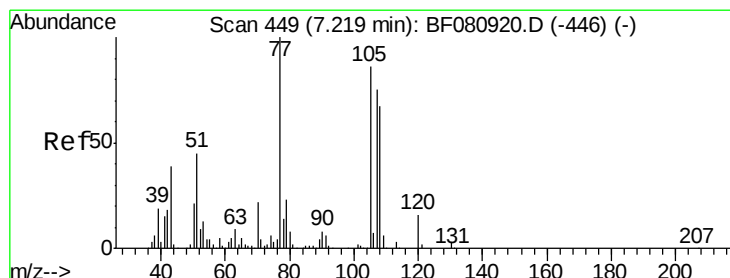
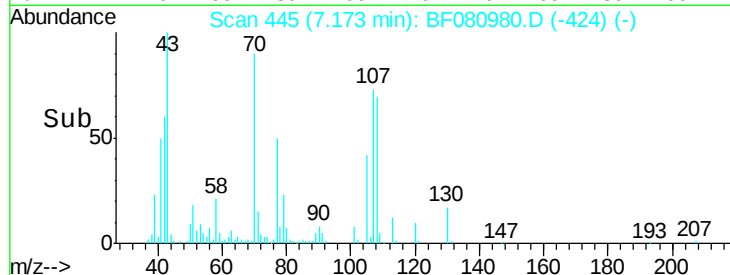
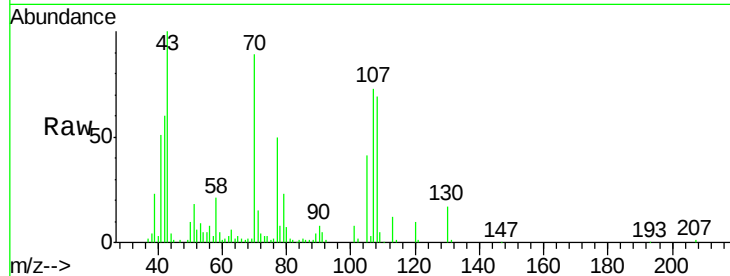
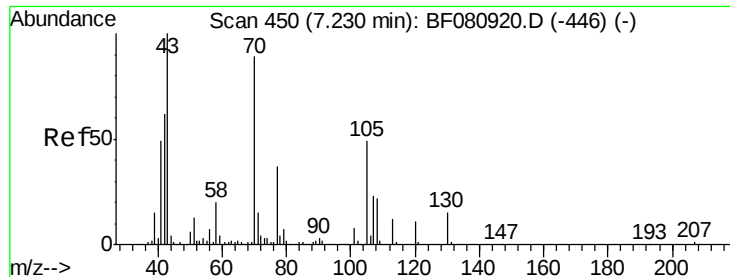
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#18
Hexachloroethane
Concen: 26.85 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion:	117	Resp:	49140
Ion Ratio	Lower	Upper	
117	100		
119	98.5	76.3	114.5
201	83.6	57.0	85.6





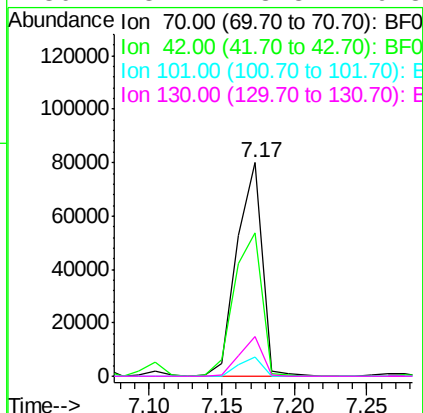
#19
n-Nitroso-di-n-propylamine
Concen: 25.83 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.9	55.7	83.5	
101	9.3	7.0	10.6	
130	18.7	13.8	20.8	

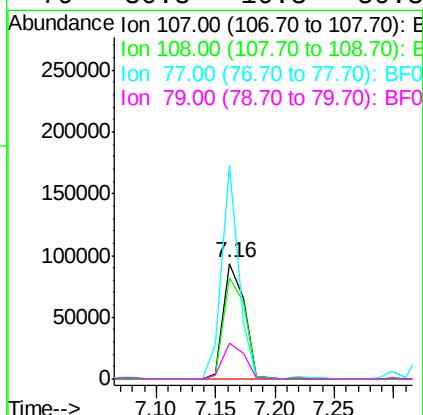
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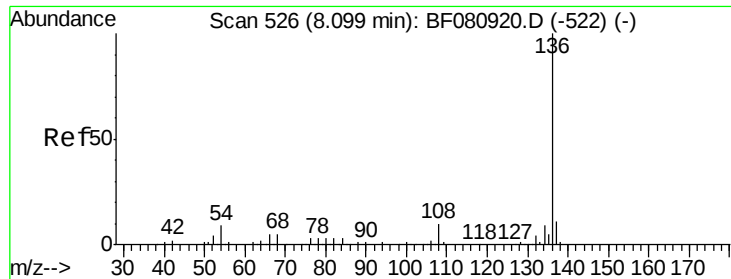
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#20
3+4-Methylphenols
Concen: 24.59 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	69.2	109.2	
77	184.6	113.0	153.0#	
79	30.8	10.3	50.3	





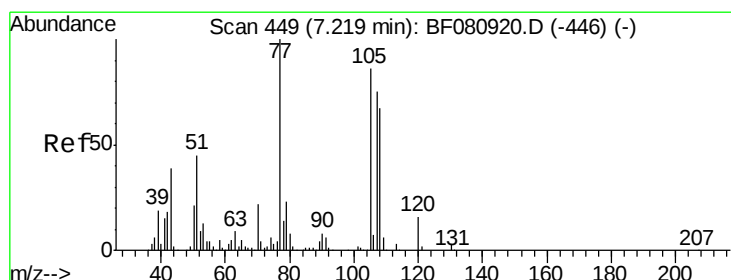
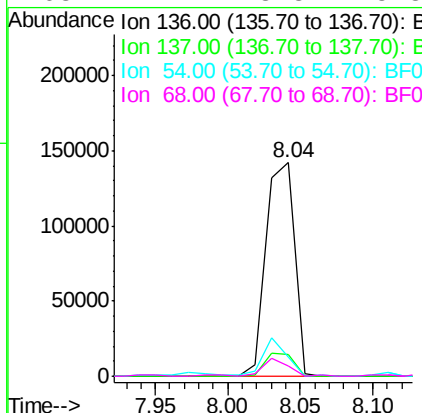
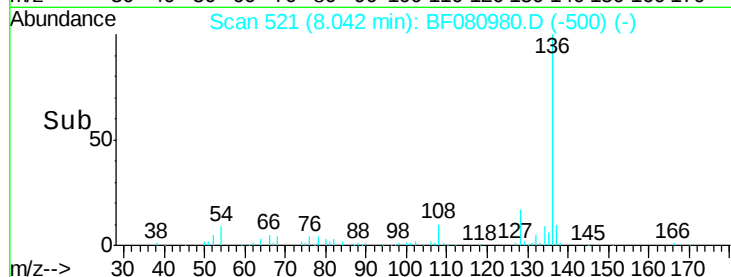
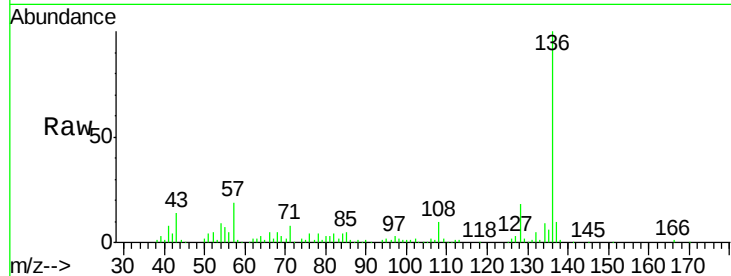
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	194594		
137	10.3	8.5	12.7	
54	9.3	7.1	10.7	
68	4.7	3.8	5.8	

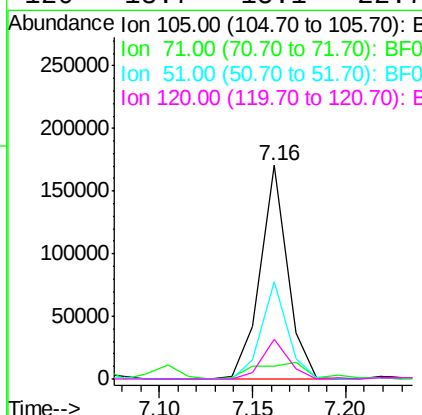
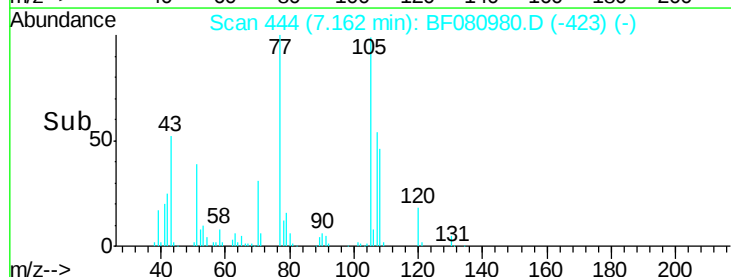
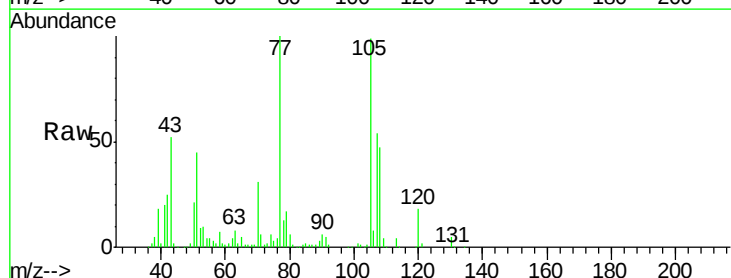
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#22
Acetophenone
Concen: 36.21 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	172656		
71	6.1	3.3	4.9#	
51	45.4	41.8	62.6	
120	18.7	15.1	22.7	





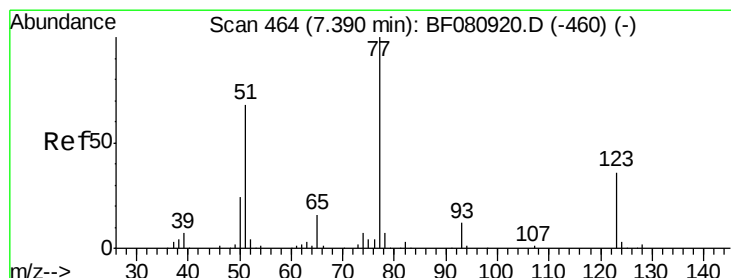
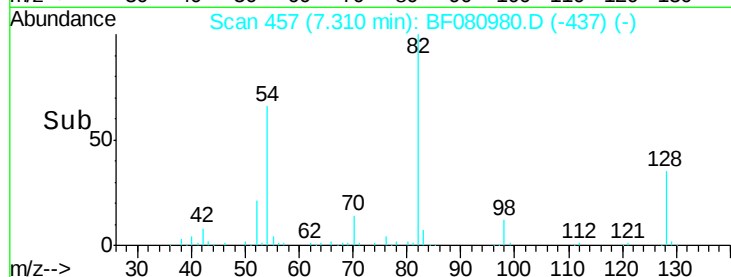
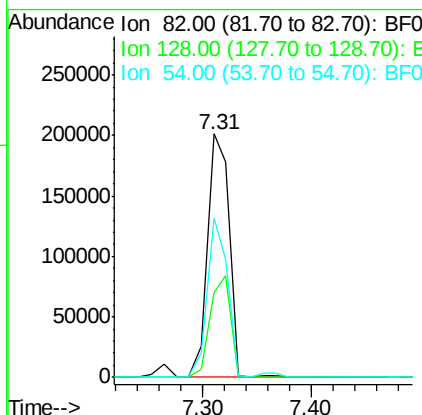
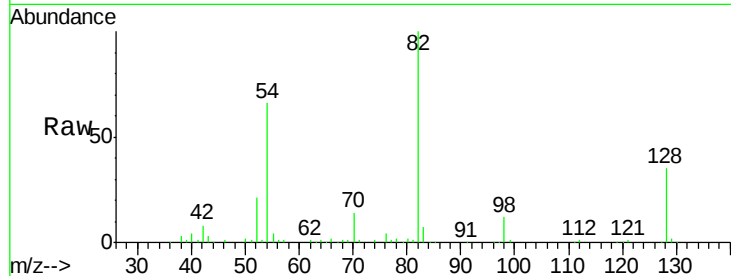
#23
 Nitrobenzene-d5
 Concen: 68.35 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	281206		
128	34.8		34.1	51.1
54	65.5		46.5	69.7

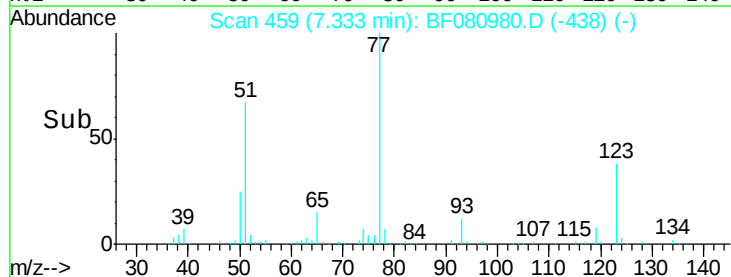
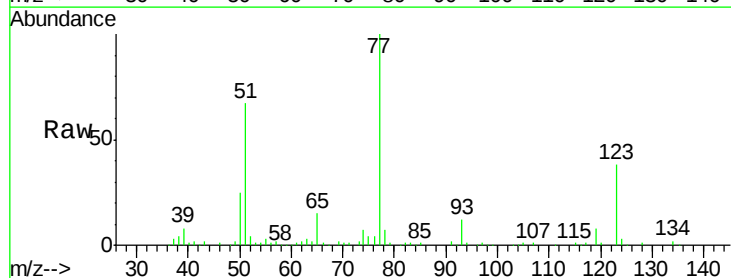
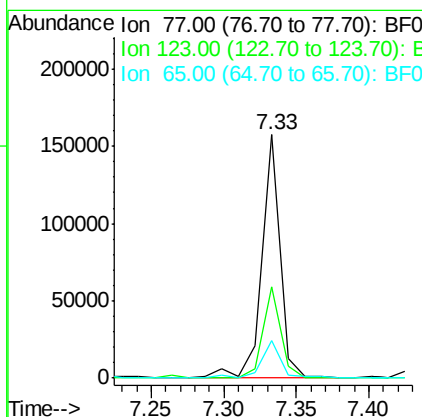
Manual Integrations
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#24
 Nitrobenzene
 Concen: 32.56 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	137932		
123	37.6		28.7	43.1
65	15.4		12.5	18.7





#25

Isophorone

Concen: 28.20 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

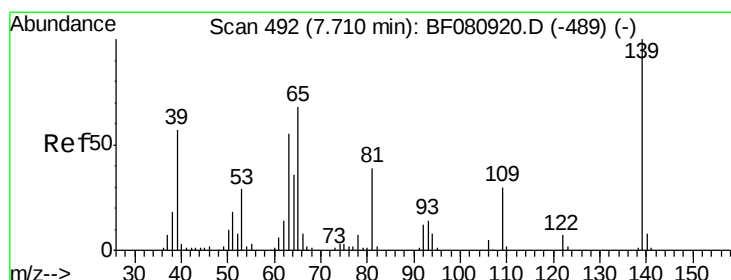
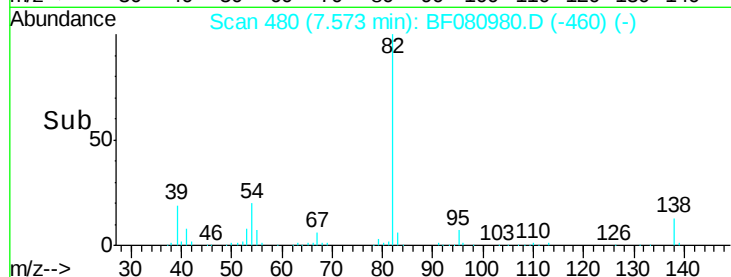
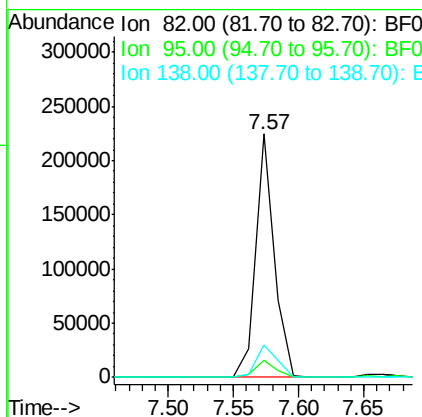
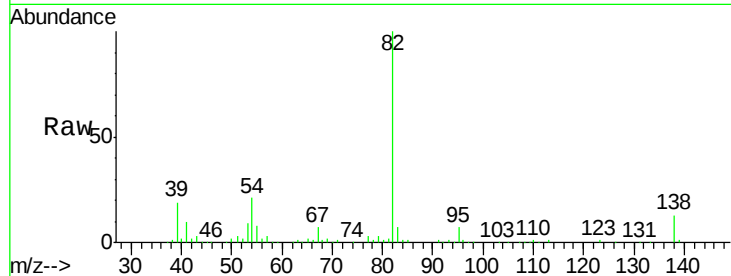
ClientSampleId :

CSB-03MS

Tot Ion:	82	Resp:	223068
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	13.4	14.1	21.1#

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#26

2-Nitrophenol

Concen: 29.85 ng

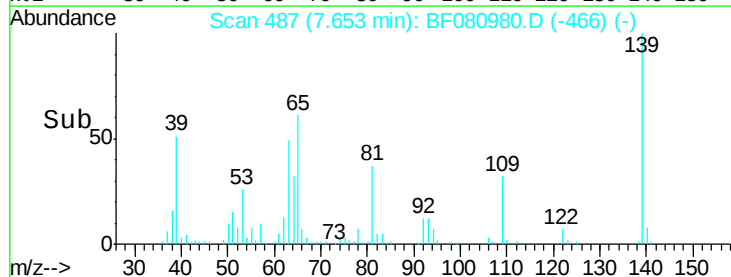
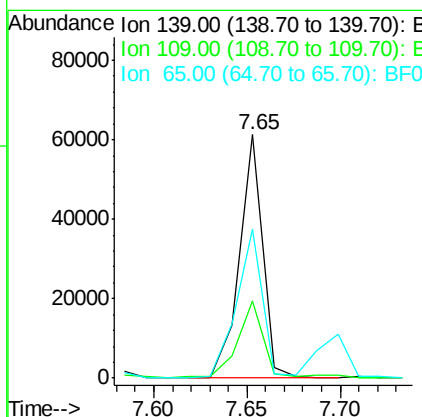
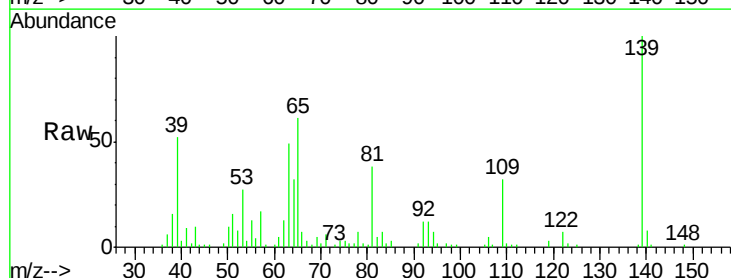
RT: 7.65 min Scan# 487

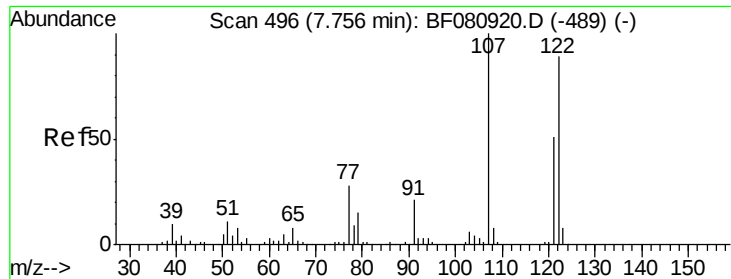
Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	139	Resp:	53210
Ion Ratio	Lower	Upper	
139	100		
109	31.6	24.1	36.1
65	61.1	54.0	81.0





#27

2,4-Dimethylphenol

Concen: 31.30 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

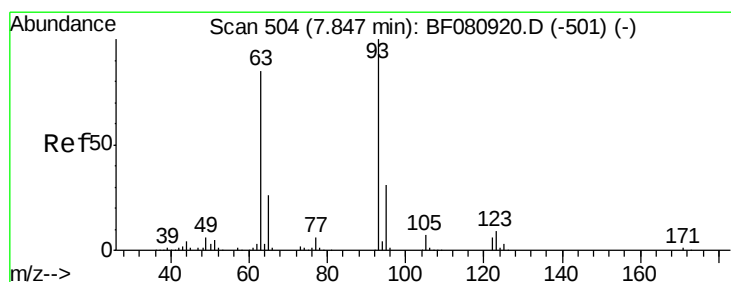
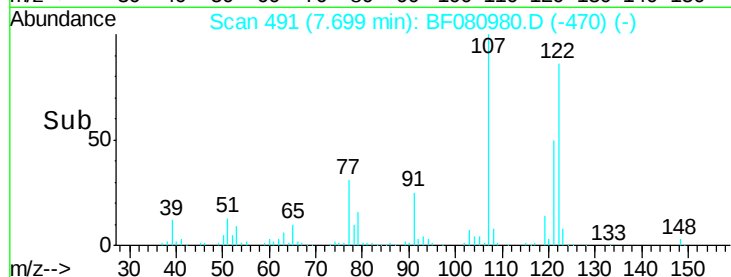
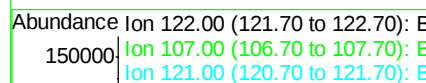
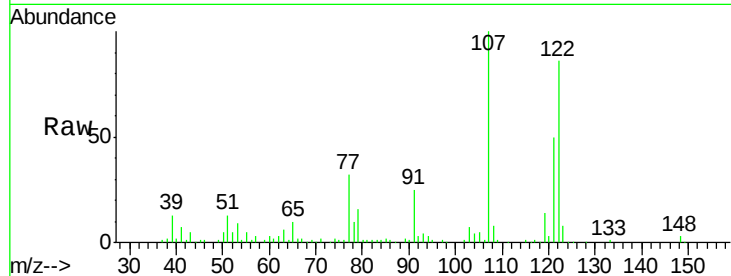
ClientSampleId :

CSB-03MS

Tot Ion:	122	Resp:	104445
Ion Ratio	Lower	Upper	
122	100		
107	115.7	90.2	135.4
121	58.0	46.0	69.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 27.76 ng

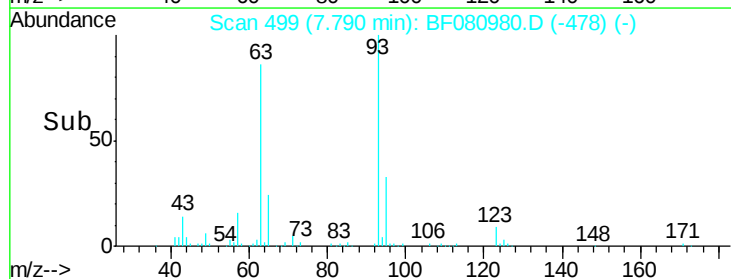
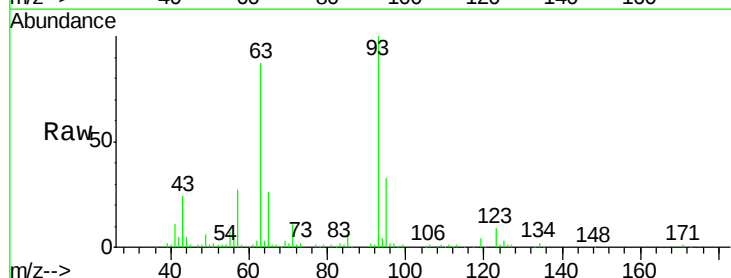
RT: 7.79 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	93	Resp:	131830
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.0	37.4
123	8.6	7.4	11.0





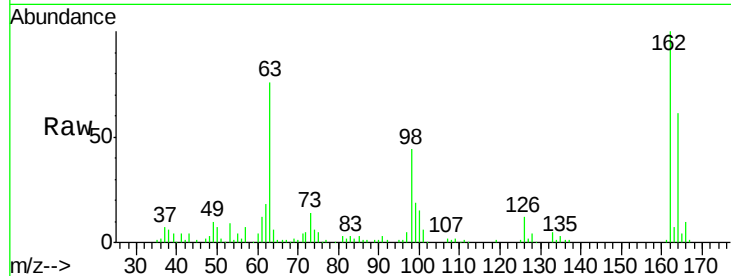
#29
 2,4-Dichlorophenol
 Concen: 29.80 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

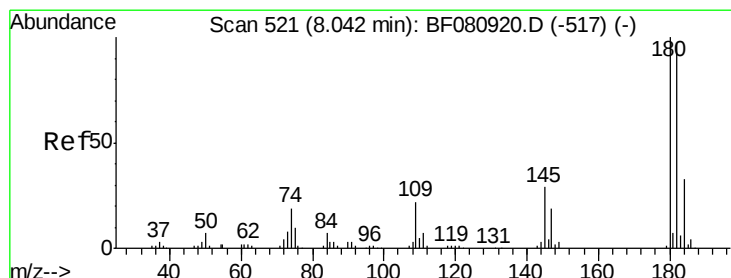
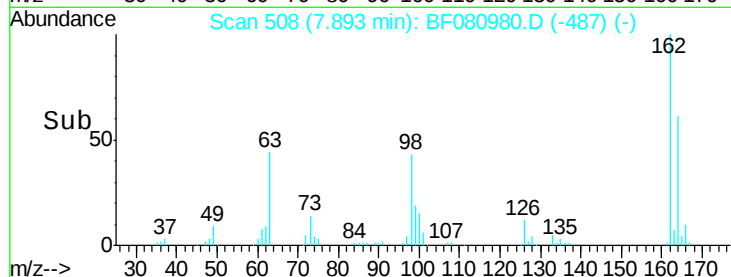
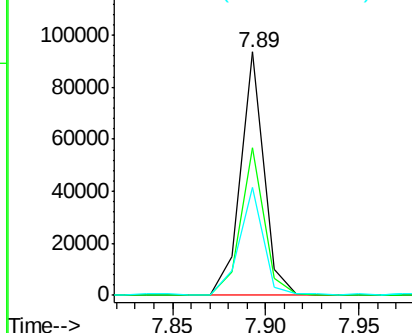
Tot Ion:	162	Resp:	81697
Ion Ratio	Lower	Upper	
162	100		
164	60.6	42.3	82.3
98	44.3	27.7	67.7

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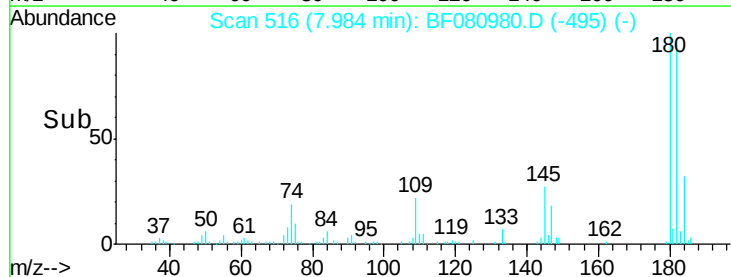
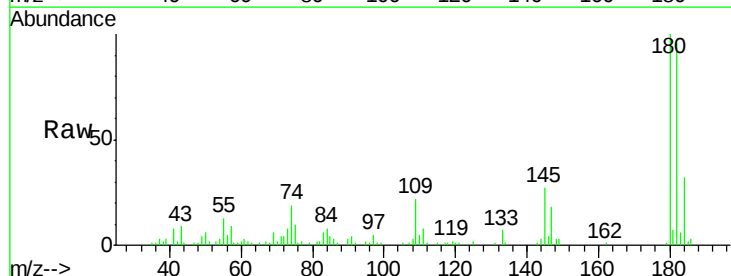
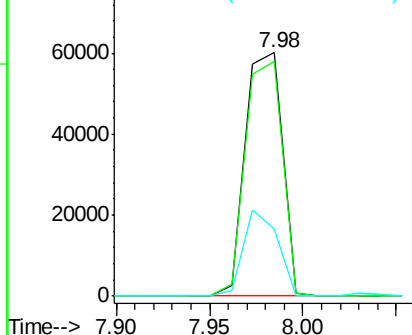
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

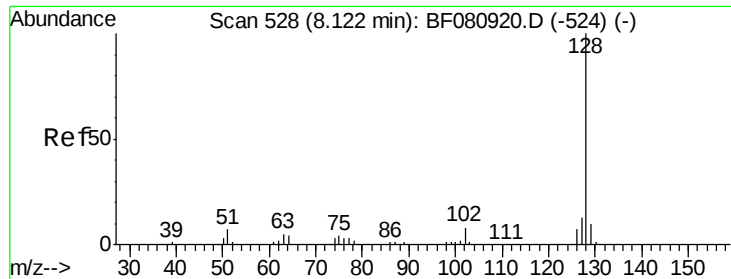


#30
 1,2,4-Trichlorobenzene
 Concen: 27.64 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion:	180	Resp:	82846
Ion Ratio	Lower	Upper	
180	100		
182	96.2	77.4	116.0
145	27.4	23.2	34.8

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





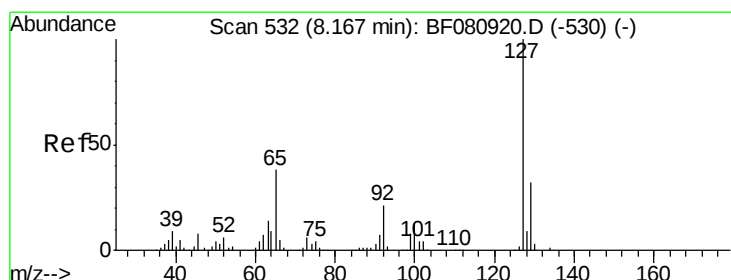
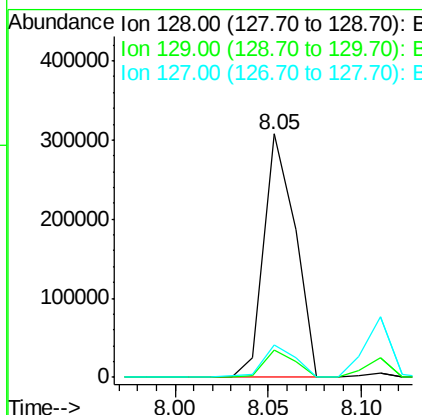
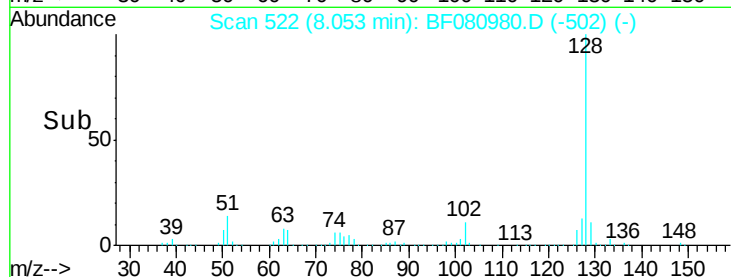
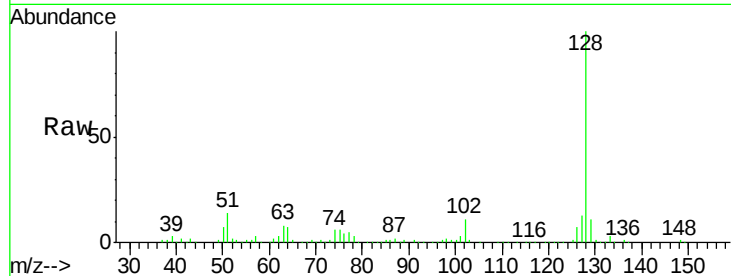
#31
Naphthalene
Concen: 33.44 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.07 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion:	128	Resp:	358719
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	13.4	10.5	15.7

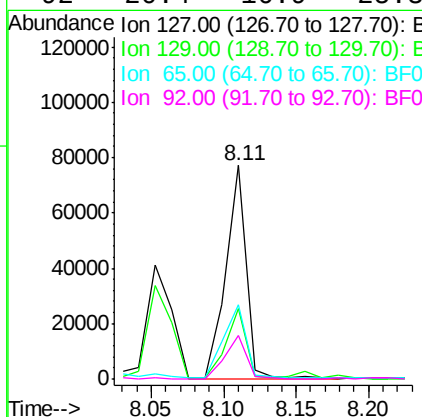
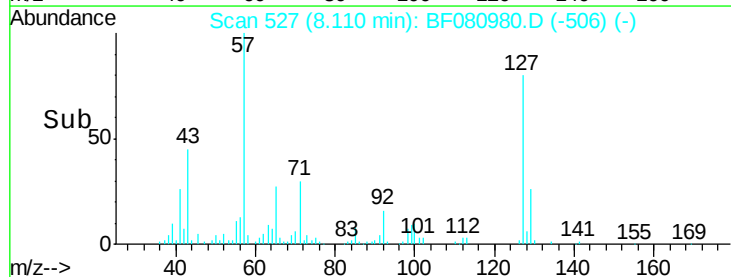
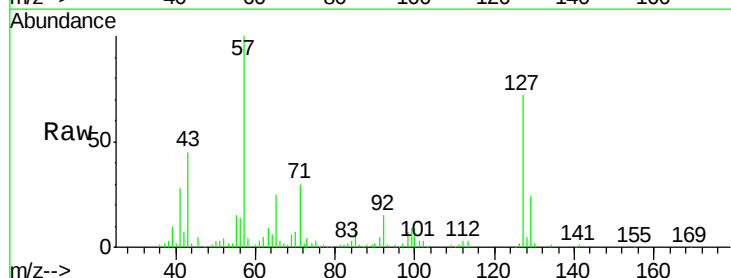
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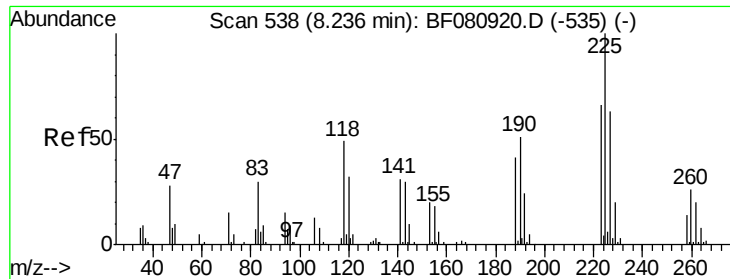
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#33
4-Chloroaniline
Concen: 17.45 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion:	127	Resp:	76056
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.9	38.9
65	34.8	30.6	45.8
92	20.4	16.9	25.3





#34

Hexachlorobutadiene

Concen: 27.17 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

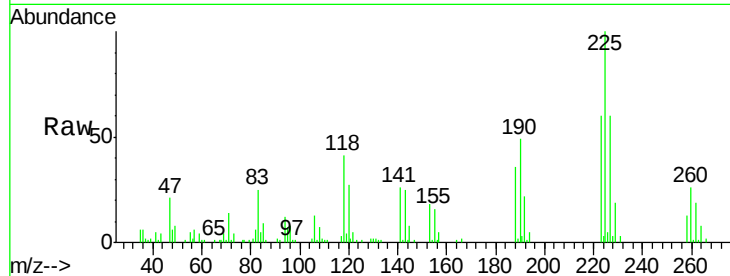
ClientSampleId :

CSB-03MS

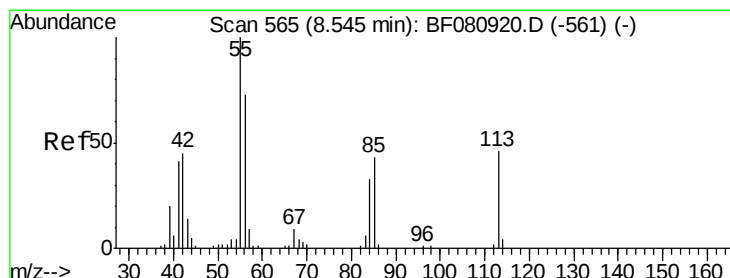
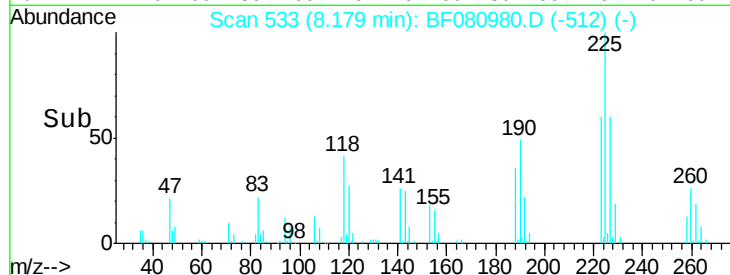
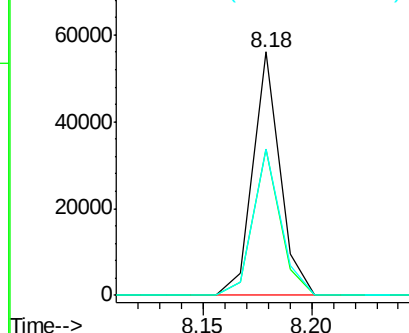
Tot Ion:	225	Resp:	48457
Ion Ratio	Lower	Upper	
225	100		
223	59.9	52.5	78.7
227	60.3	50.3	75.5

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



#35

Caprolactam

Concen: 27.34 ng

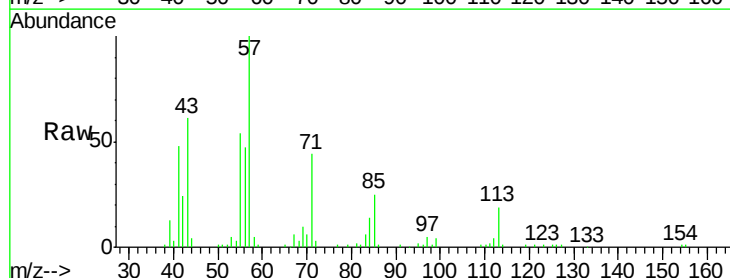
RT: 8.46 min Scan# 558

Delta R.T. -0.08 min

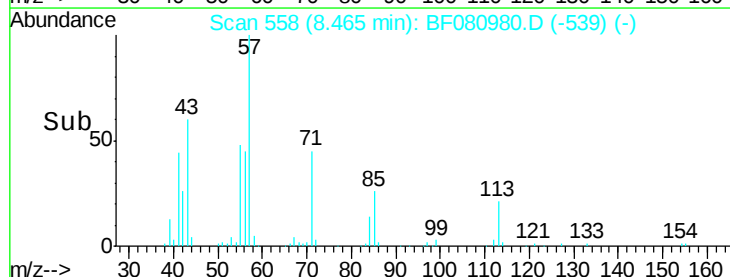
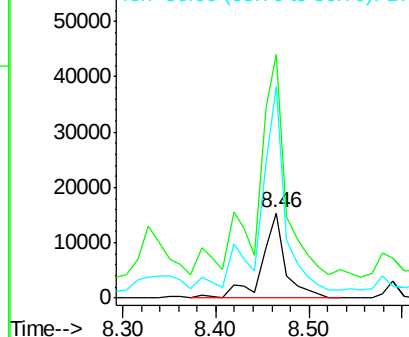
Lab File: BF080980.D

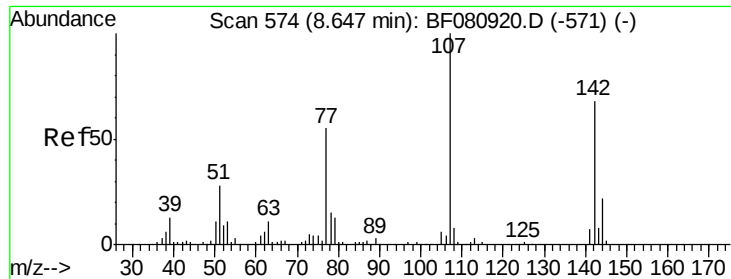
Acq: 13 Aug 2015 14:36

Tgt Ion:	113	Resp:	26969
Ion Ratio	Lower	Upper	
113	100		
55	286.5	196.4	236.4#
56	248.9	137.9	177.9#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





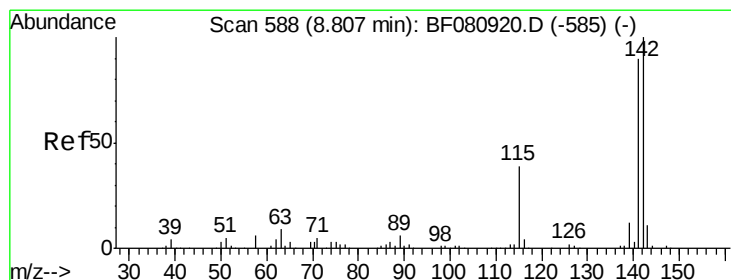
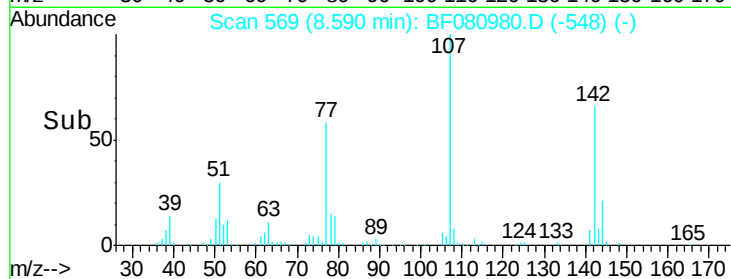
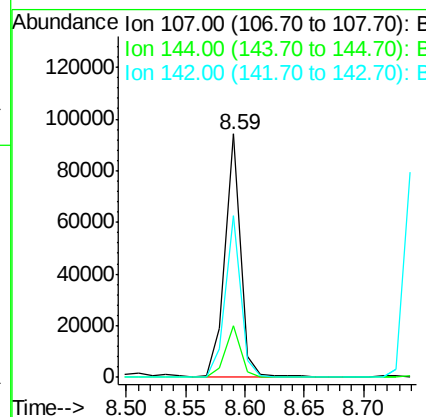
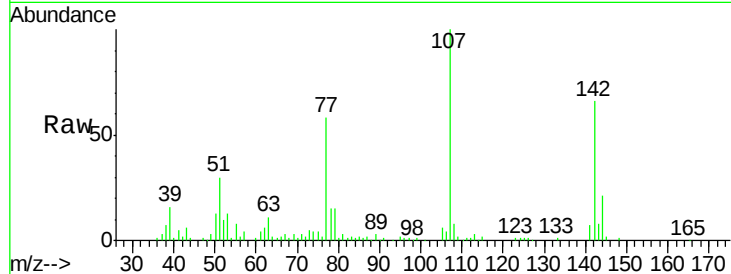
#36
 4-Chloro-3-methylphenol
 Concen: 25.27 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	84555		
144	21.0	17.3	25.9	
142	66.5	54.4	81.6	

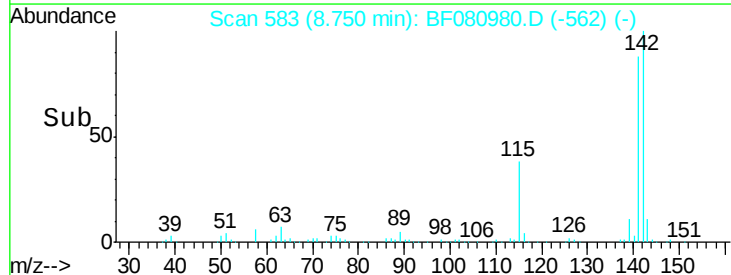
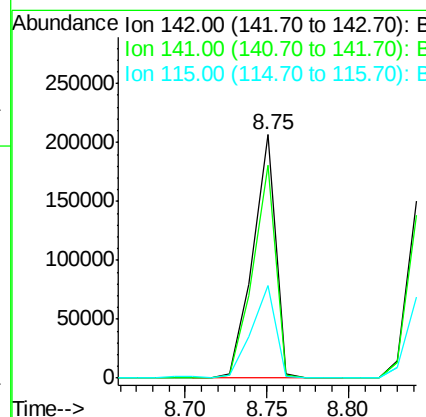
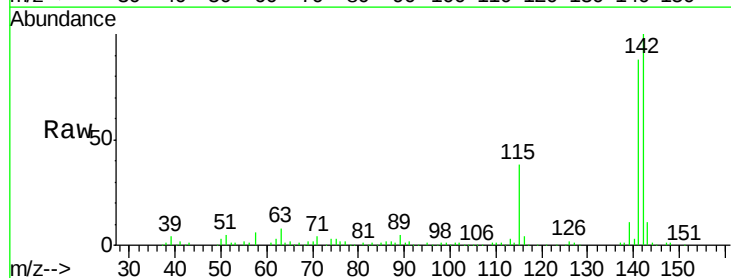
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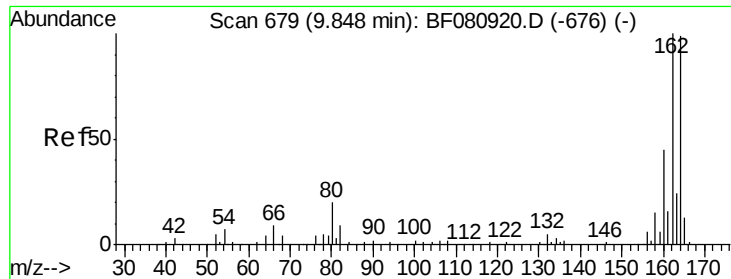
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#37
 2-Methylnaphthalene
 Concen: 29.48 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	201292		
141	87.6	71.7	107.5	
115	38.1	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: BF080980.D

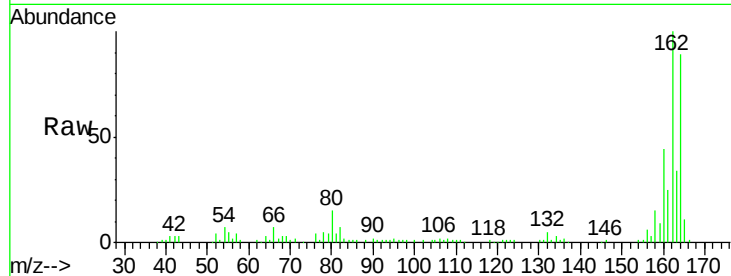
Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

ClientSampleId :

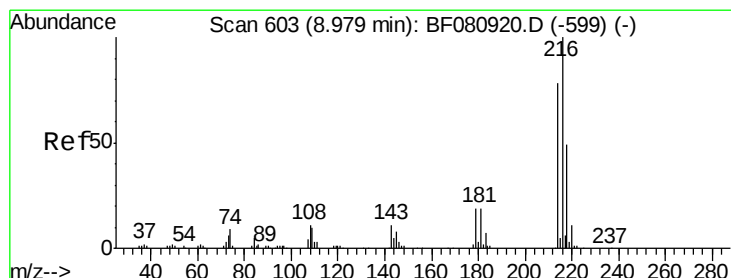
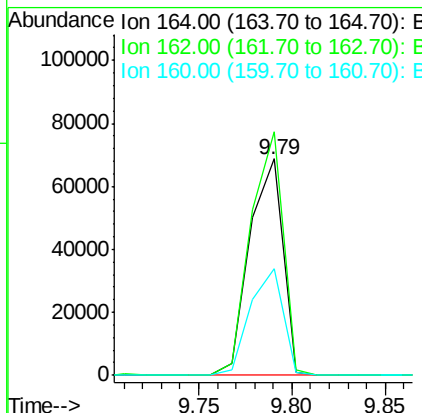
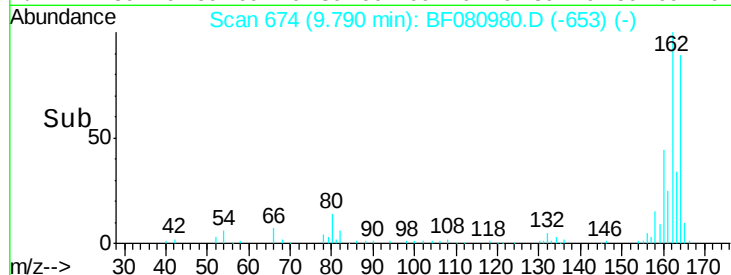
CSB-03MS



Tot Ion:	164	Resp:	84584
Ion Ratio	Lower	Upper	
164	100		
162	112.5	80.5	120.7
160	49.5	36.6	54.8

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#39

1,2,4,5-Tetrachlorobenzene

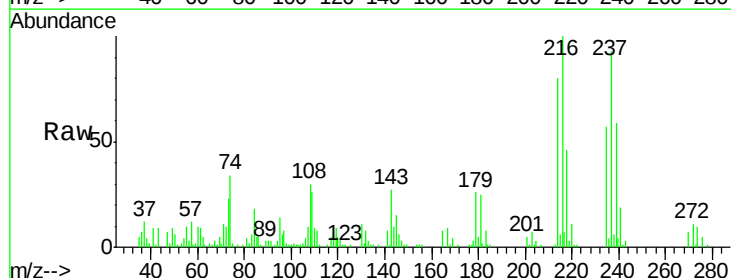
Concen: 23.91 ng

RT: 8.91 min Scan# 597

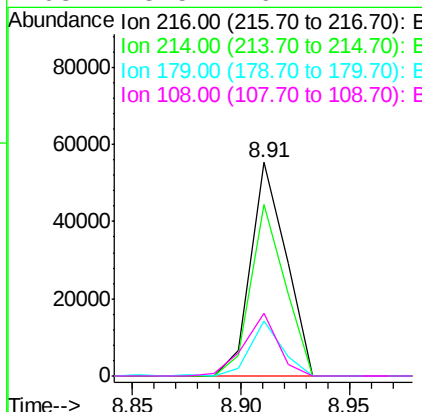
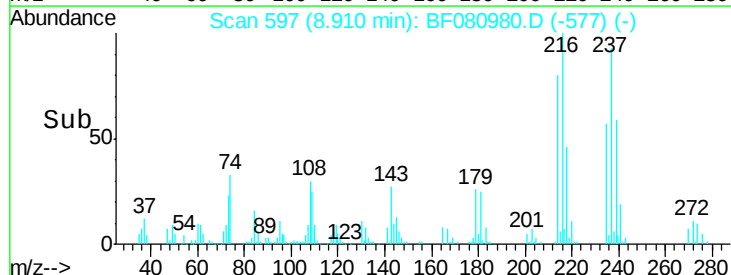
Delta R.T. -0.07 min

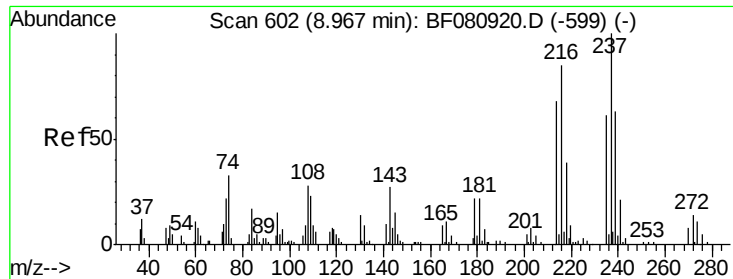
Lab File: BF080980.D

Acq: 13 Aug 2015 14:36



Tgt Ion:	216	Resp:	62361
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	23.6	17.2	25.8
108	28.5	16.1	24.1#





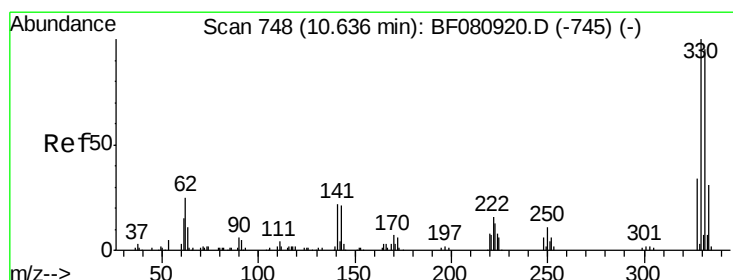
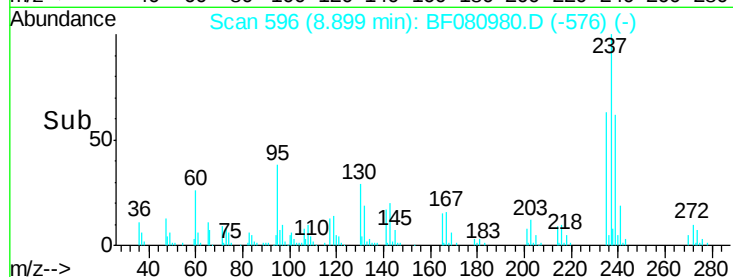
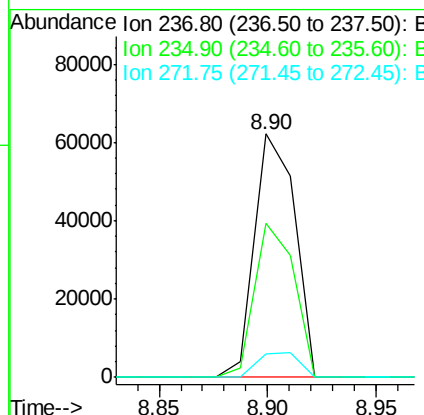
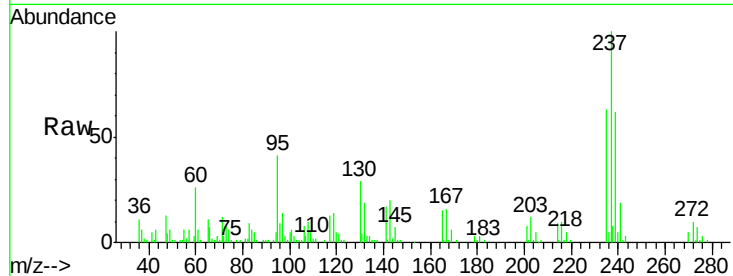
#40
Hexachlorocyclopentadiene
Concen: 56.78 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.07 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	41.3	81.3
272	9.6	0.0	33.6

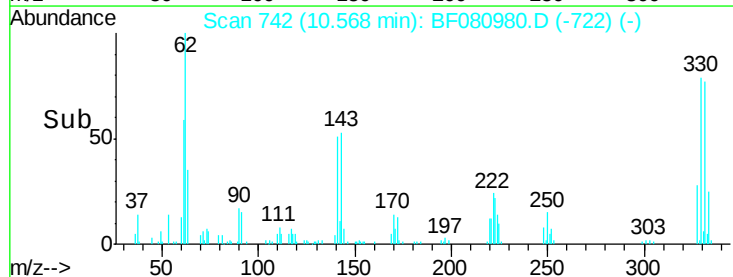
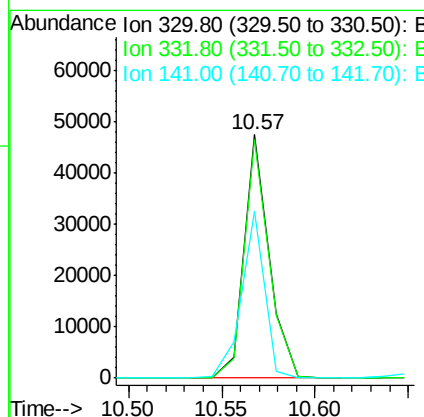
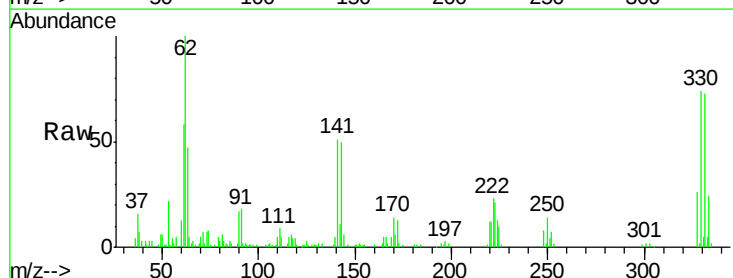
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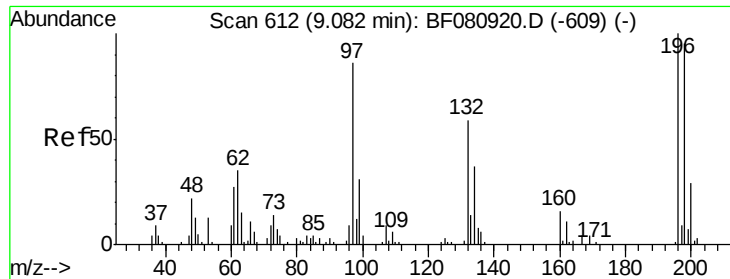
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#41
2,4,6-Tribromophenol
Concen: 47.61 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.07 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	76.2	114.4
141	64.0	27.8	41.8#





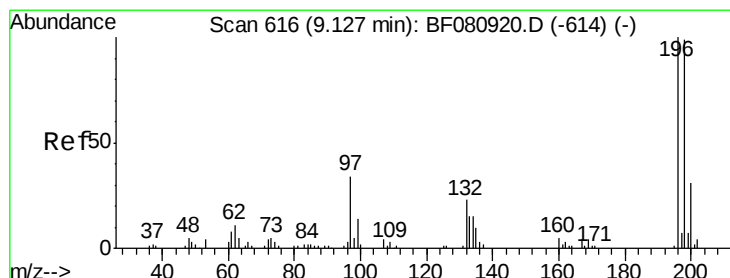
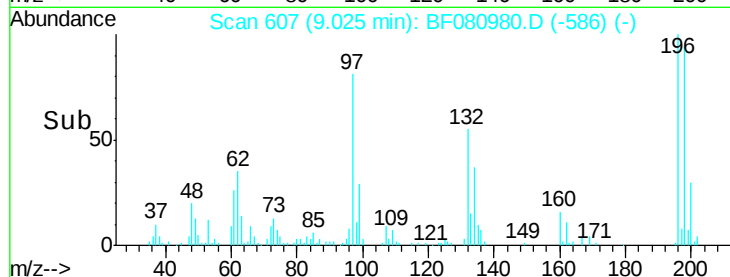
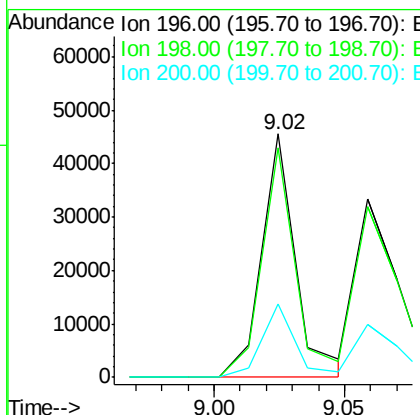
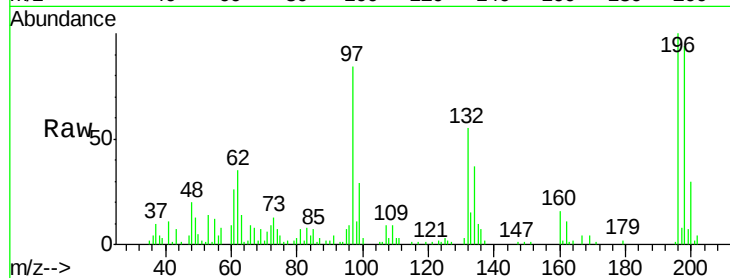
#42
 2,4,6-Trichlorophenol
 Concen: 21.81 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	41681		
198	94.1	75.9	113.9	
200	29.9	23.1	34.7	

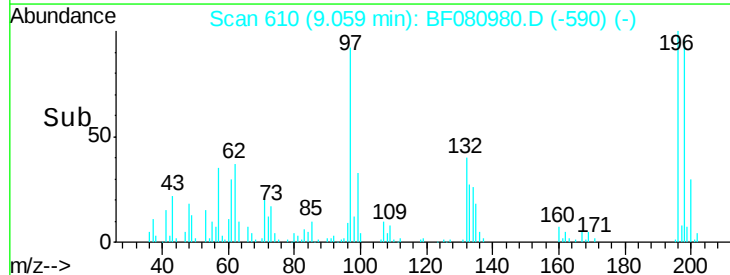
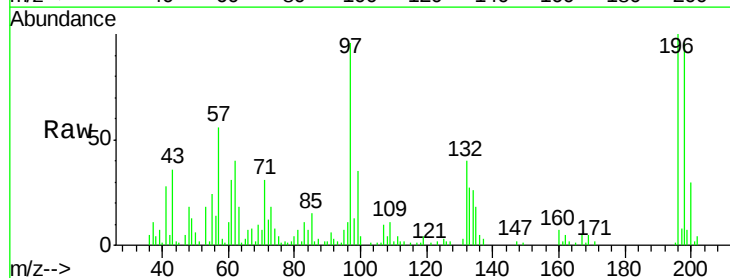
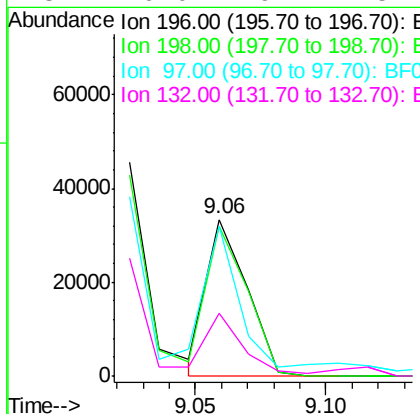
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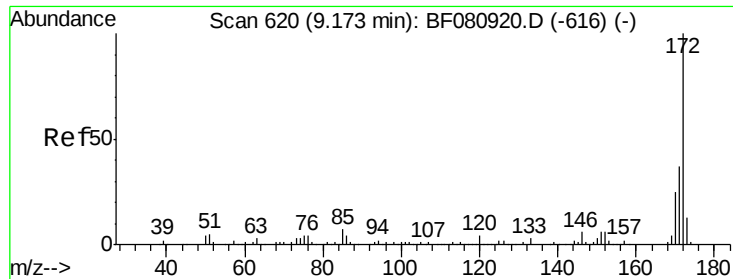
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#43
 2,4,5-Trichlorophenol
 Concen: 18.62 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35867		
198	95.6	78.9	118.3	
97	96.0	29.1	43.7#	
132	40.0	19.1	28.7#	





#44

2-Fluorobiphenyl

Concen: 66.76 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.06 min

Lab File: BF080980.D

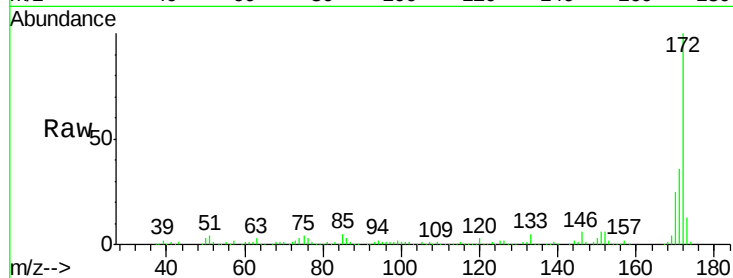
Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

ClientSampled :

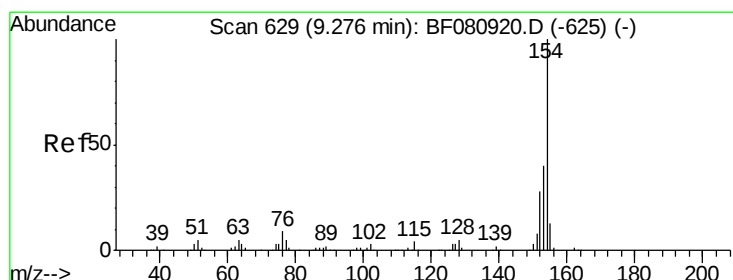
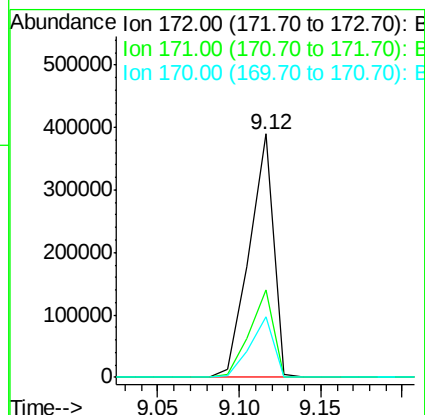
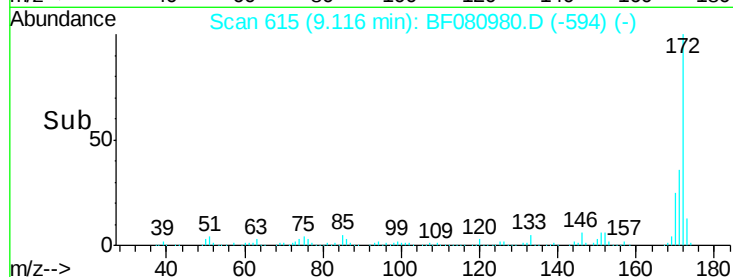
CSB-03MS



Tot Ion:	172	Resp:	401125
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.0
170	25.0	19.7	29.5

Manual Integrations
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#45

1,1'-Biphenyl

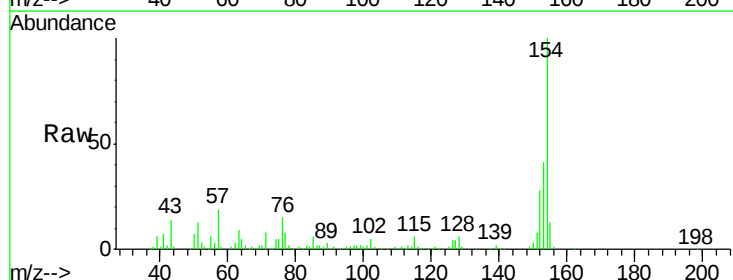
Concen: 25.60 ng

RT: 9.21 min Scan# 623

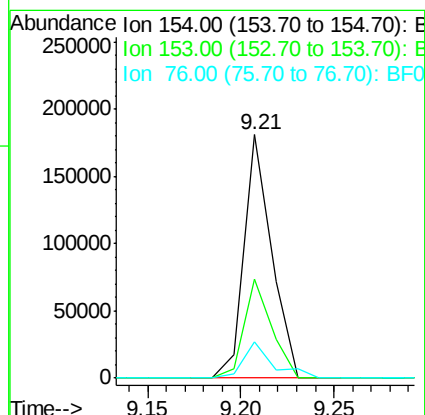
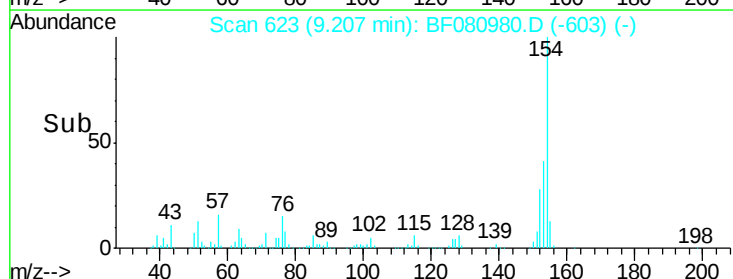
Delta R.T. -0.07 min

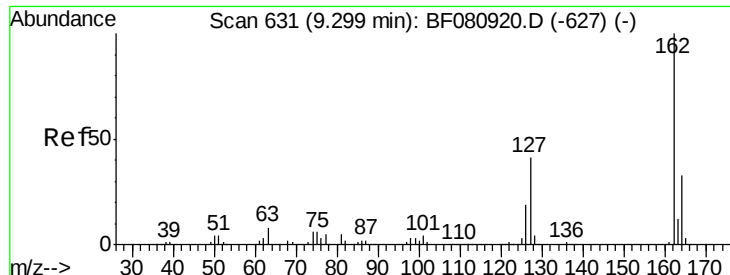
Lab File: BF080980.D

Acq: 13 Aug 2015 14:36



Tgt Ion:	154	Resp:	185820
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.1	60.1
76	14.8	0.0	29.3





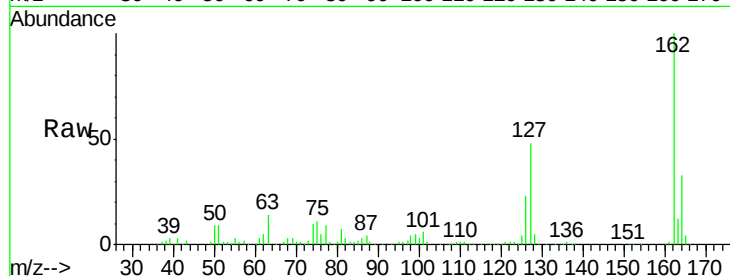
#46
 2-Chloronaphthalene
 Concen: 25.19 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

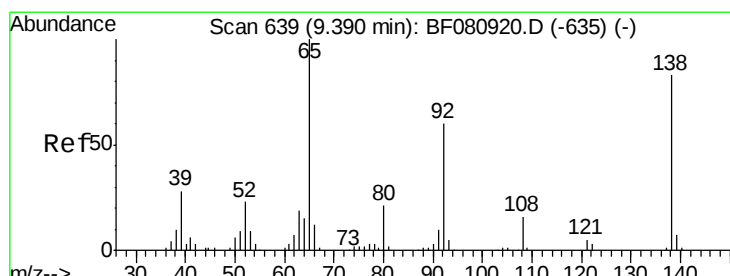
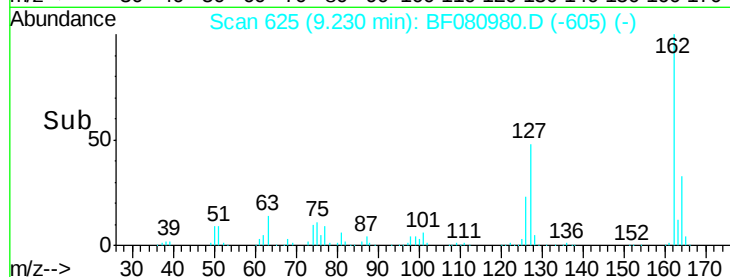
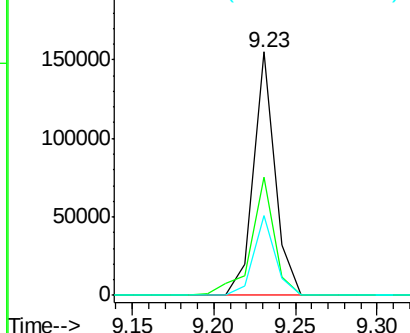
Tot Ion:	162	Resp:	142557
Ion Ratio	Lower	Upper	
162	100		
127	48.5	32.5	48.7
164	32.8	26.2	39.4

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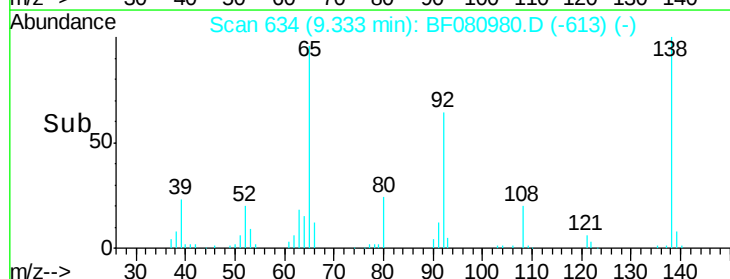
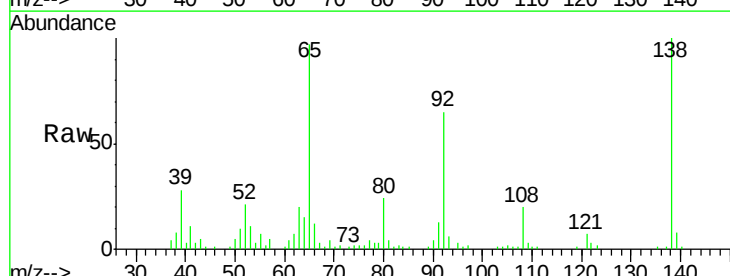
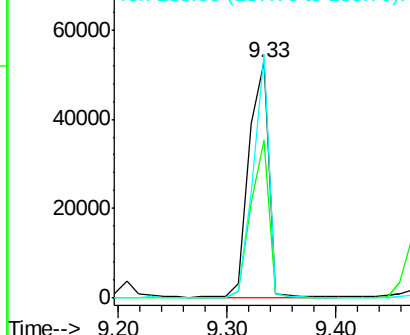
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

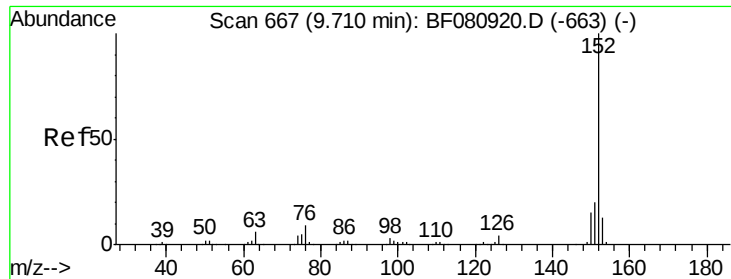


#47
 2-Nitroaniline
 Concen: 30.02 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion:	65	Resp:	68117
Ion Ratio	Lower	Upper	
65	100		
92	67.1	48.0	72.0
138	103.3	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: 24.18 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

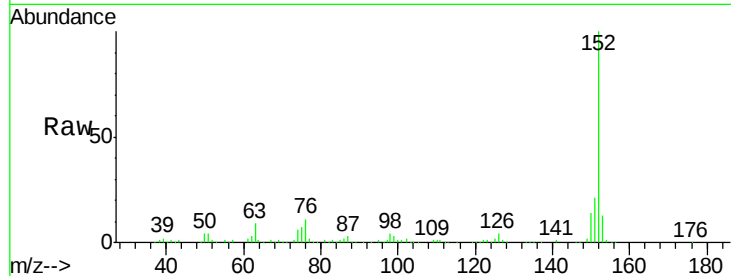
ClientSampleId :

CSB-03MS

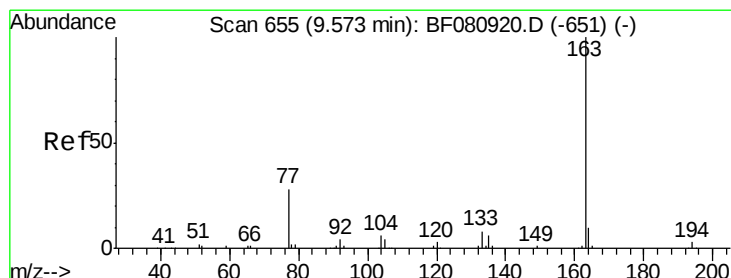
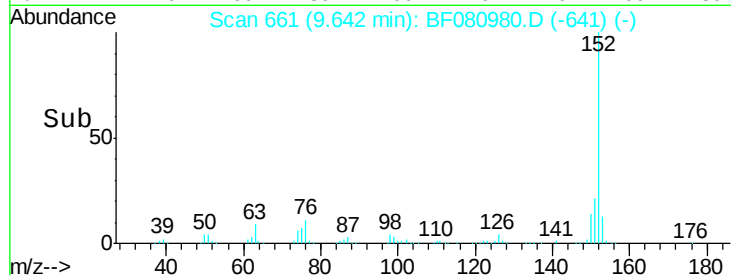
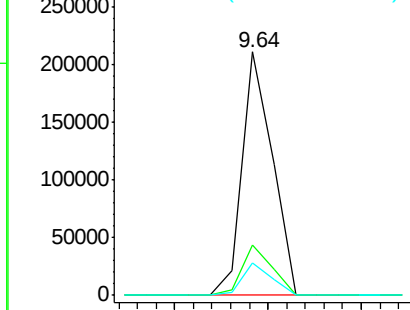
Tot Ion:	152	Resp:	237871
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.3	10.5	15.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 32.16 ng

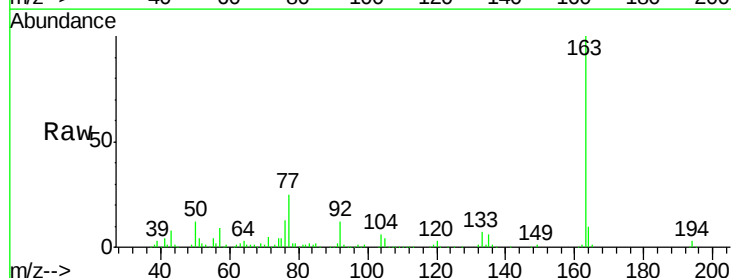
RT: 9.52 min Scan# 650

Delta R.T. -0.06 min

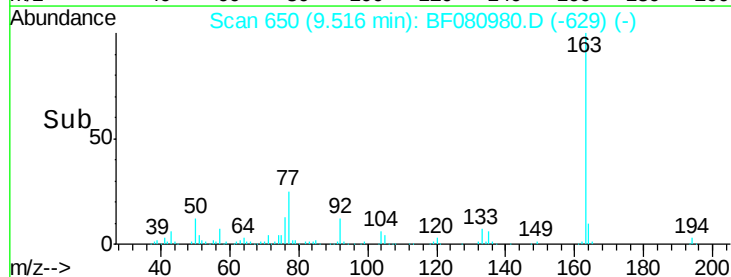
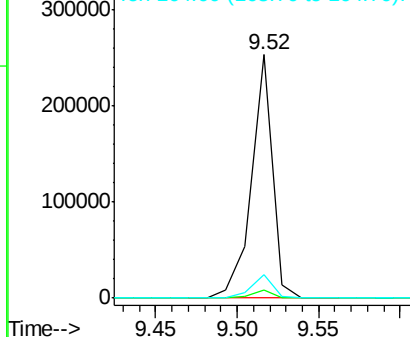
Lab File: BF080980.D

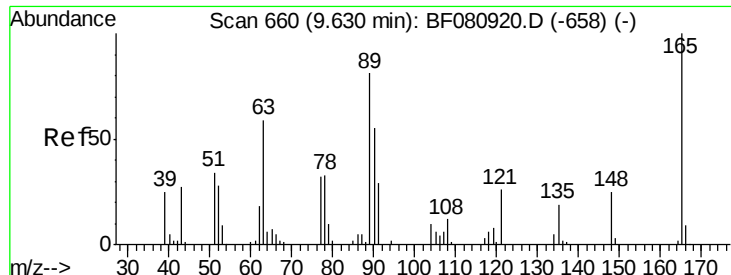
Acq: 13 Aug 2015 14:36

Tgt Ion:	163	Resp:	225962
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.4	3.6
164	9.9	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





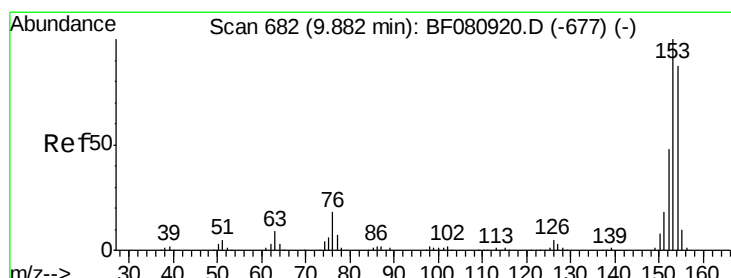
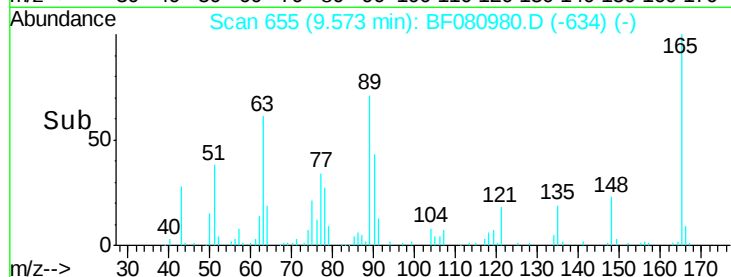
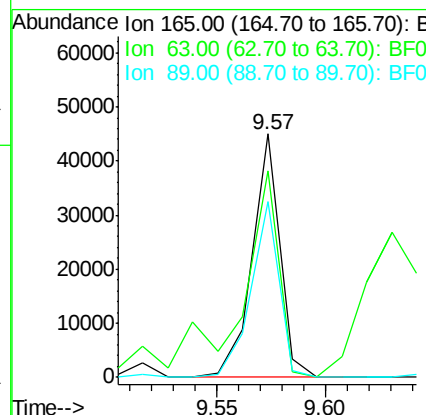
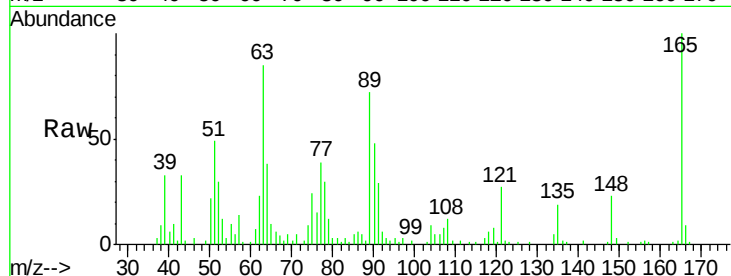
#50
2,6-Dinitrotoluene
Concen: 27.45 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	39849		
63	84.9	77.6	116.4	
89	72.4	64.5	96.7	

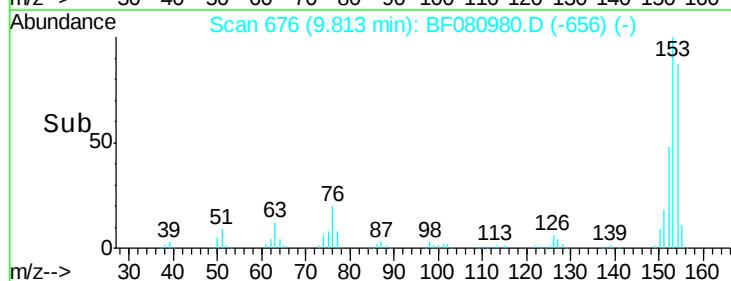
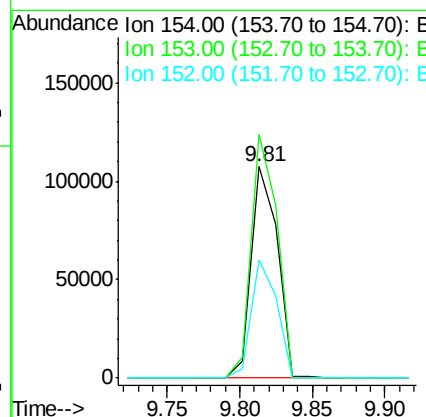
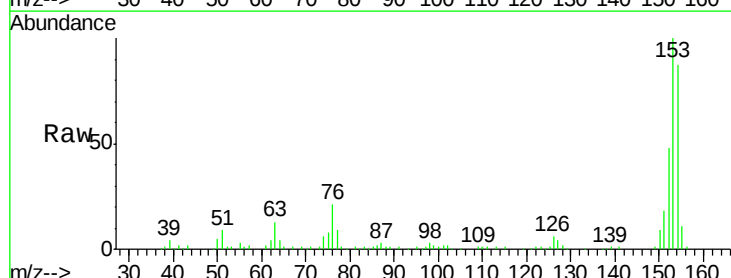
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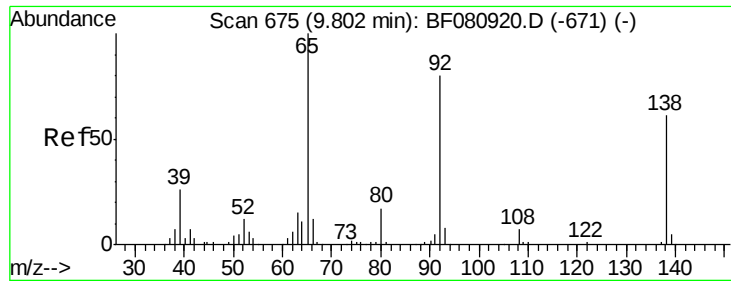
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#51
Acenaphthene
Concen: 22.35 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	134678		
153	115.2	91.4	137.2	
152	55.8	44.2	66.4	





#52

3-Nitroaniline

Concen: 19.48 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

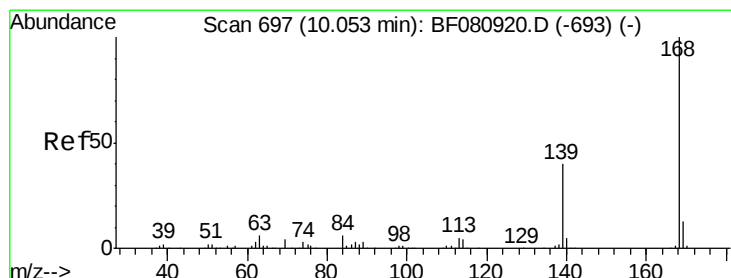
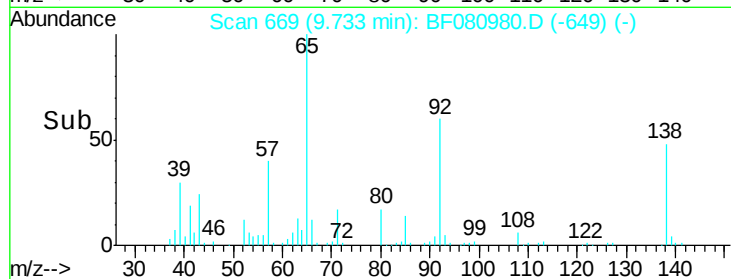
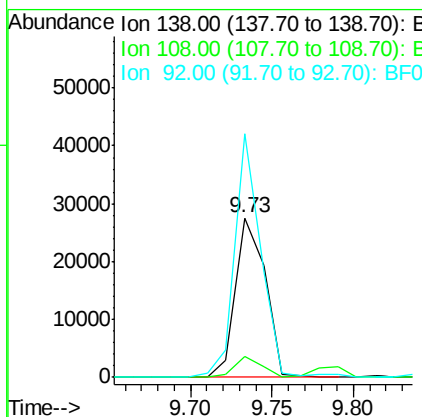
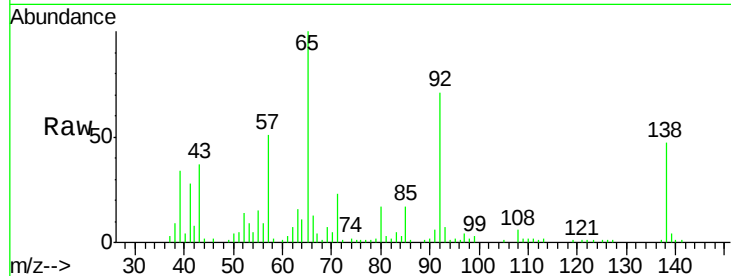
ClientSampled :

CSB-03MS

Tot Ion:138 Resp: 34864
 Ion Ratio Lower Upper
 138 100
 108 13.1 8.7 13.1#
 92 152.7 104.4 156.6

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#54

Dibenzofuran

Concen: 24.80 ng

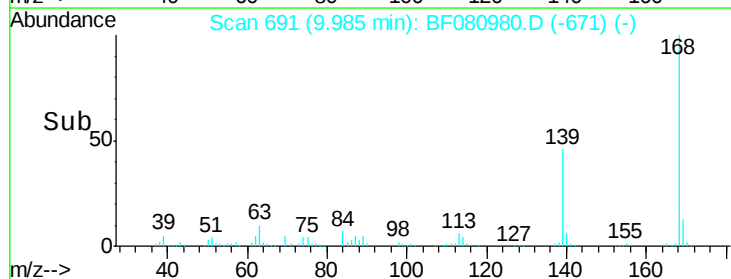
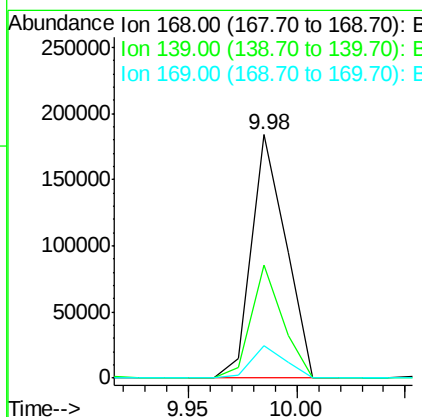
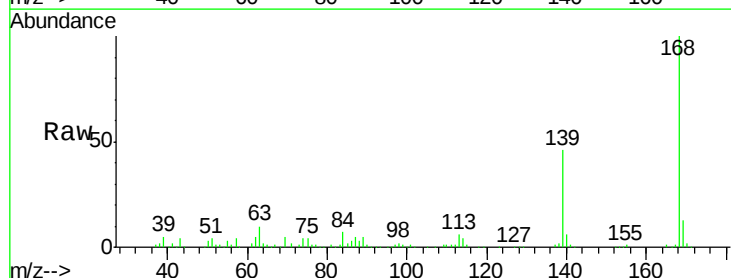
RT: 9.98 min Scan# 691

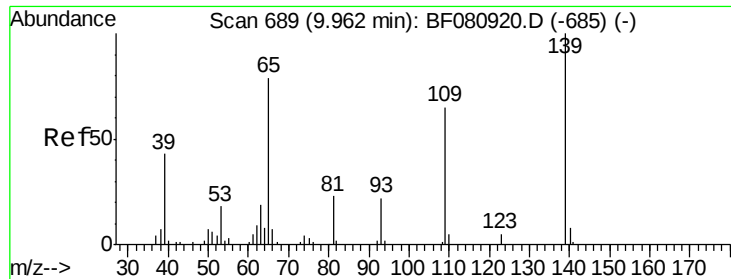
Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:168 Resp: 202048
 Ion Ratio Lower Upper
 168 100
 139 46.3 31.9 47.9
 169 13.4 10.6 15.8





#55

4-Nitrophenol

Concen: 33.70 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

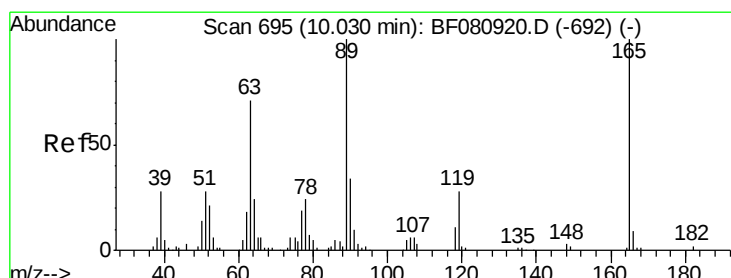
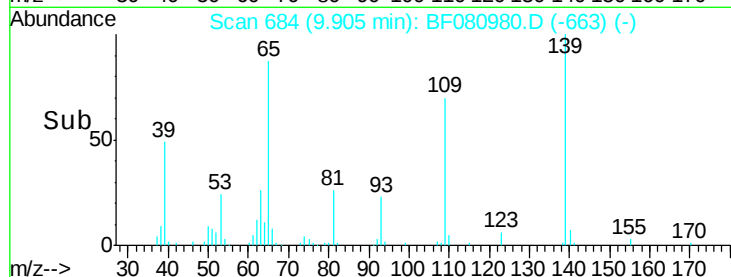
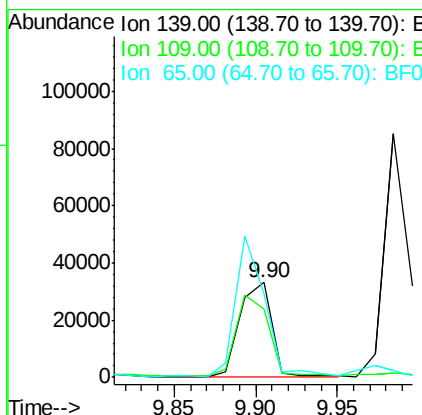
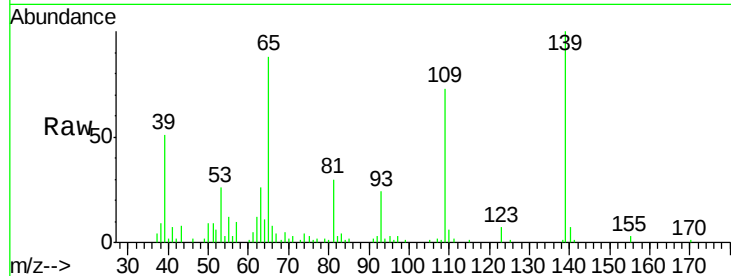
ClientSampled :

CSB-03MS

Tot Ion:	139	Resp:	45141
Ion Ratio	Lower	Upper	
139	100		
109	72.6	44.7	84.7
65	88.4	59.5	99.5

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#56

2,4-Dinitrotoluene

Concen: 28.55 ng

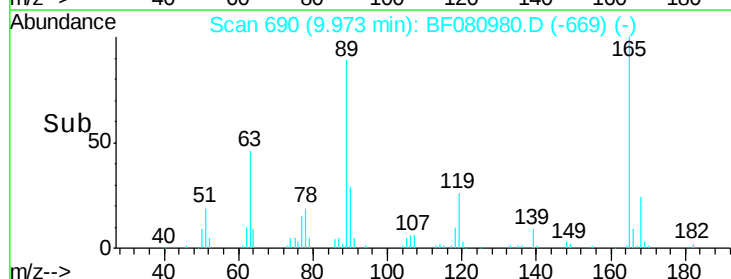
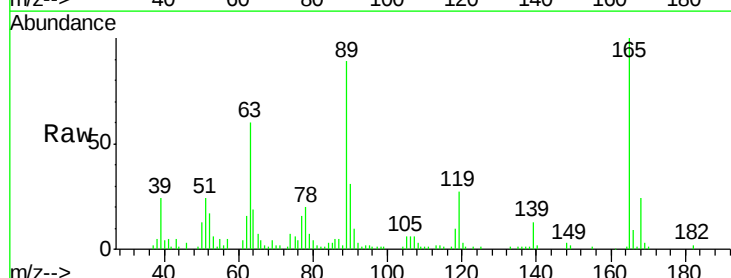
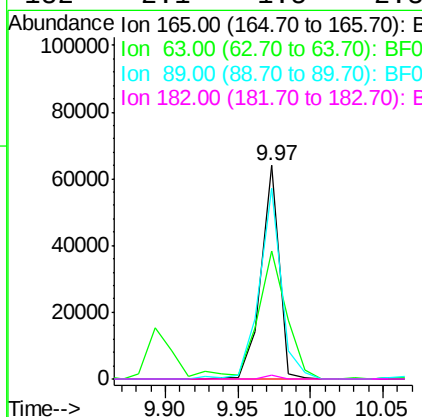
RT: 9.97 min Scan# 690

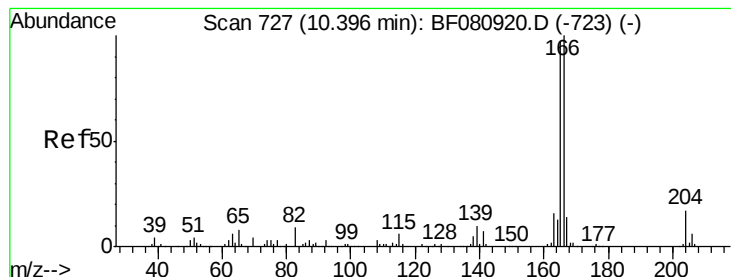
Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	165	Resp:	55452
Ion Ratio	Lower	Upper	
165	100		
63	60.1	56.7	85.1
89	89.3	80.4	120.6
182	2.1	1.5	2.3





#57

Fluorene

Concen: 25.77 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

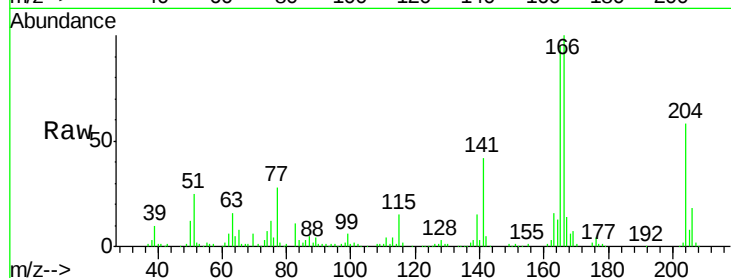
ClientSampleId :

CSB-03MS

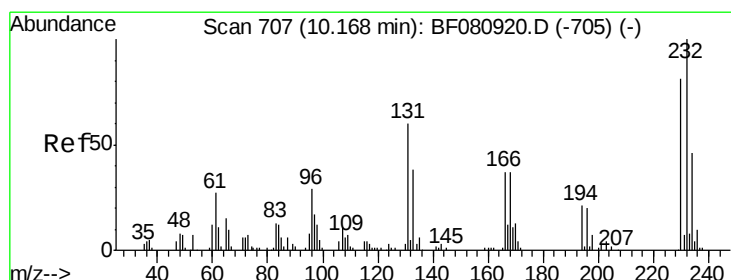
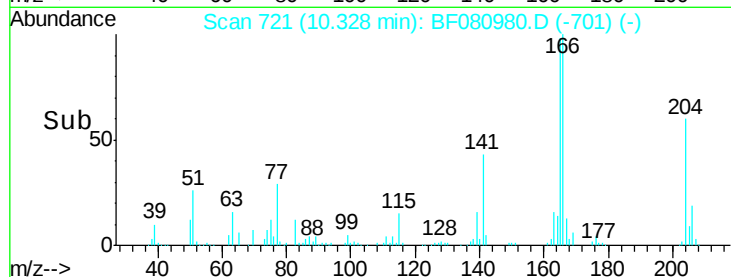
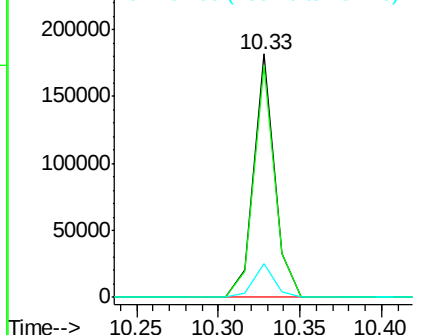
Tot Ion:	166	Resp:	162423
Ion Ratio	Lower	Upper	
166	100		
165	95.2	77.2	115.8
167	14.1	10.8	16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 14.76 ng

RT: 10.11 min Scan# 702

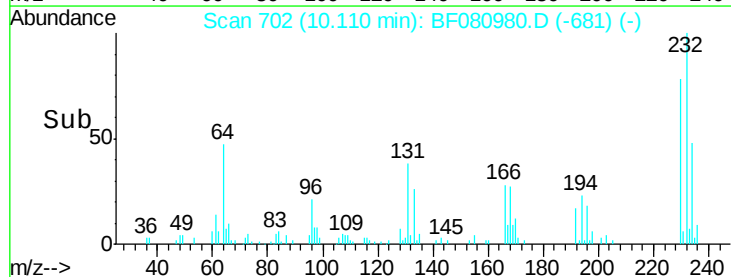
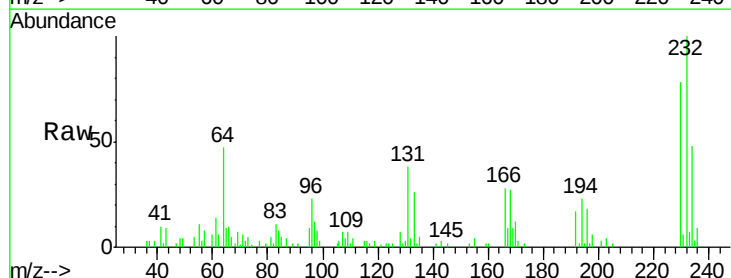
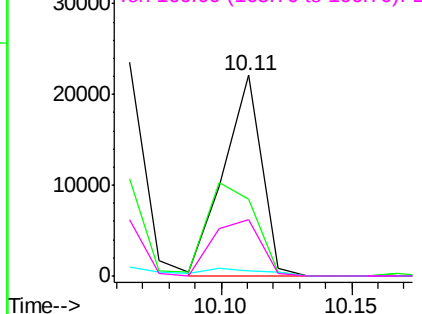
Delta R.T. -0.06 min

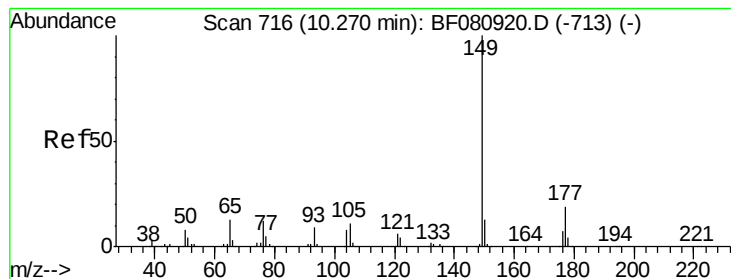
Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	232	Resp:	22498
Ion Ratio	Lower	Upper	
232	100		
131	58.4	39.4	59.2
130	5.7	2.1	3.1#
166	35.8	21.7	32.5#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 27.82 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

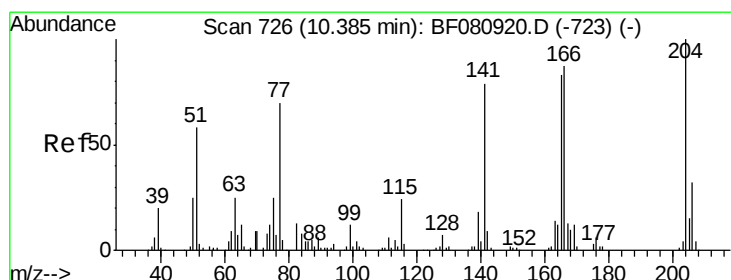
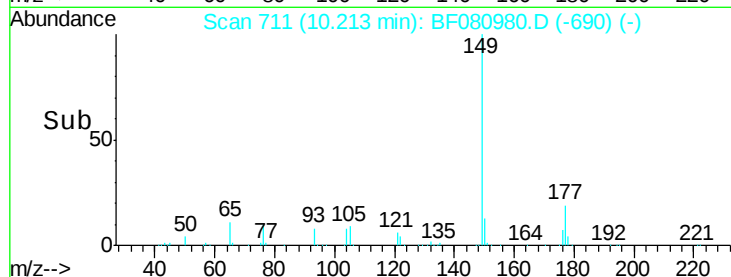
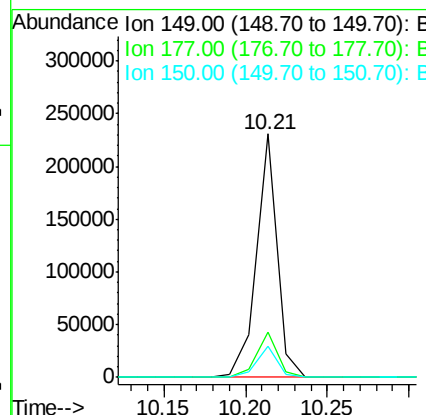
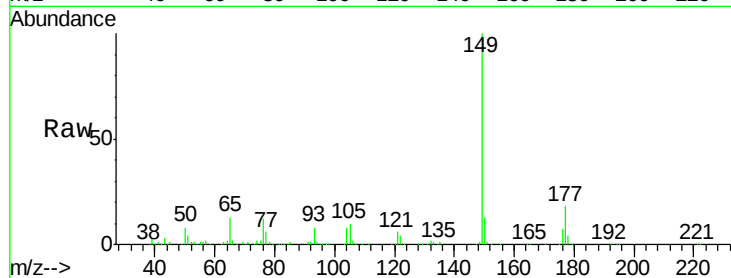
ClientSampleId :

CSB-03MS

Tot Ion:	149	Resp:	203484
Ion Ratio	Lower	Upper	
149	100		
177	18.5	15.0	22.4
150	12.6	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 28.32 ng

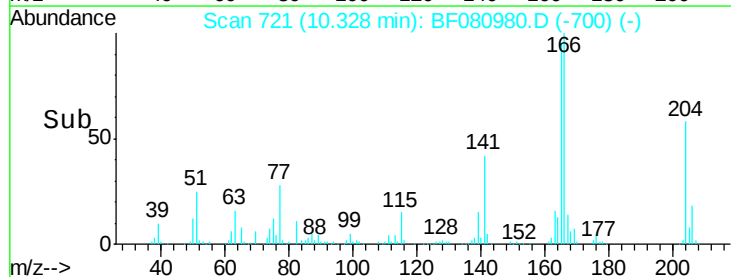
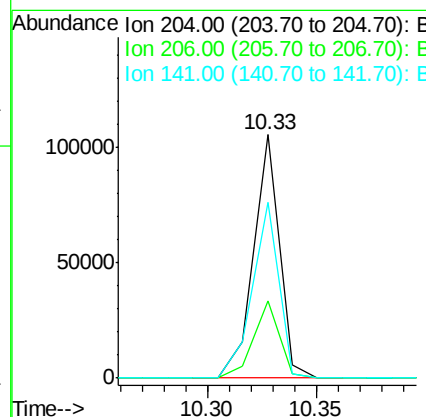
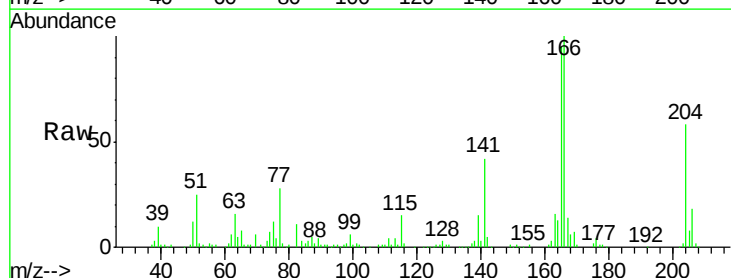
RT: 10.33 min Scan# 721

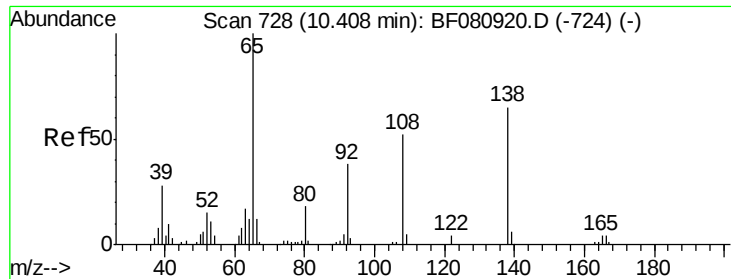
Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	204	Resp:	86980
Ion Ratio	Lower	Upper	
204	100		
206	31.7	25.5	38.3
141	72.1	63.4	95.0





#61

4-Nitroaniline

Concen: 24.60 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.06 min

Lab File: BF080980.D

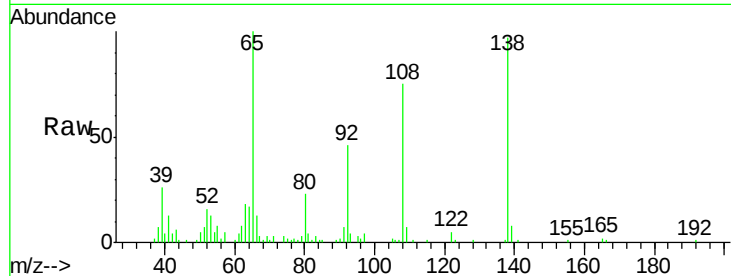
Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

ClientSampled :

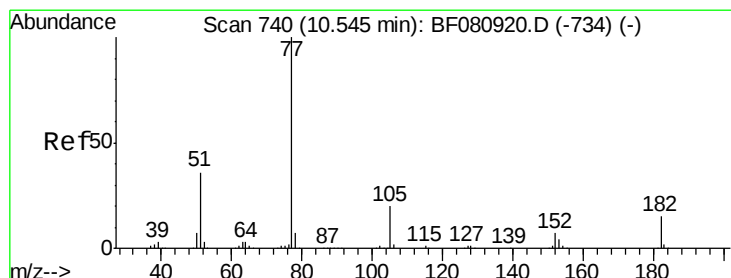
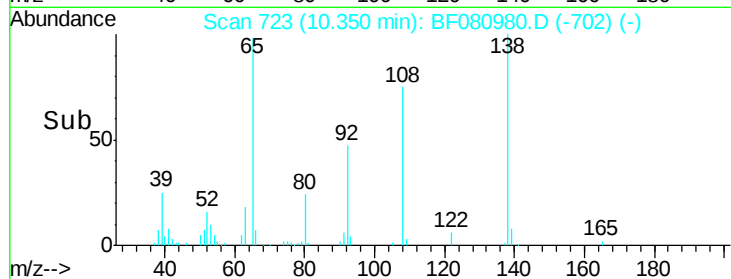
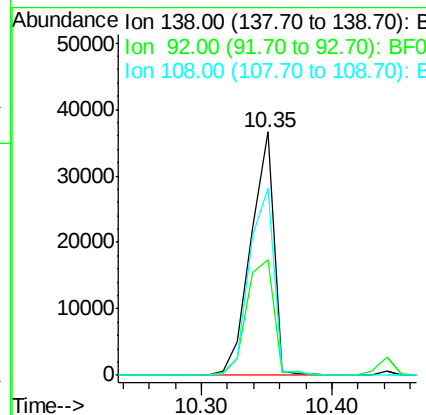
CSB-03MS



Tot Ion:	138	Resp:	45289
Ion Ratio	Lower	Upper	
138	100		
92	47.4	38.1	78.1
108	77.2	59.9	99.9

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#62

Azobenzene

Concen: 29.16 ng

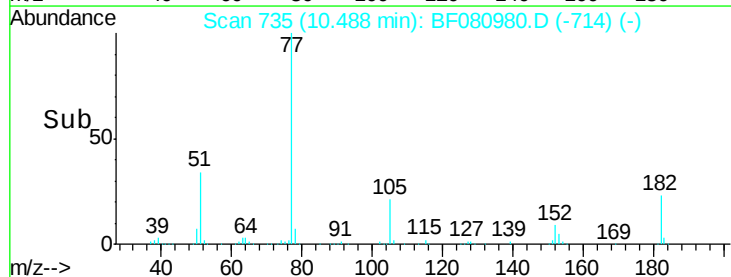
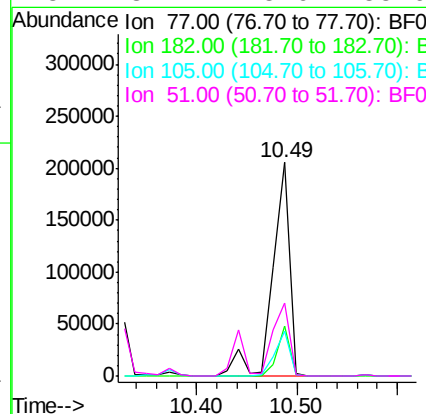
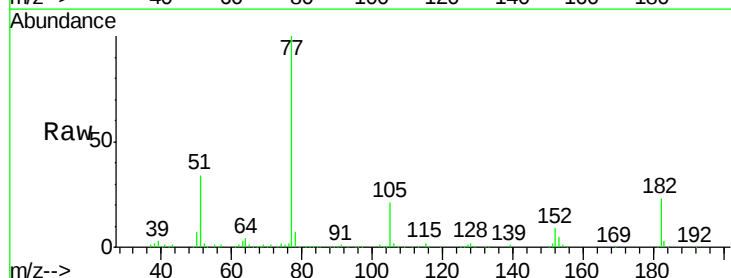
RT: 10.49 min Scan# 735

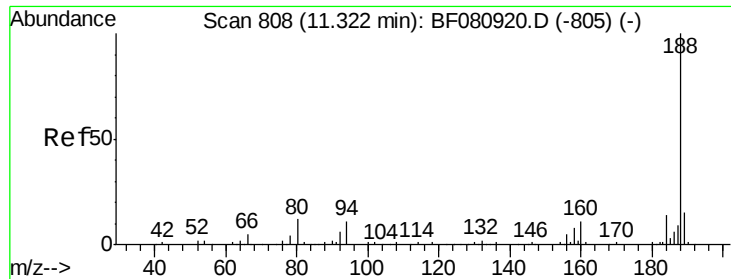
Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	77	Resp:	238483
Ion Ratio	Lower	Upper	
77	100		
182	23.2	0.0	35.5
105	20.9	0.5	40.5
51	34.4	15.6	55.6





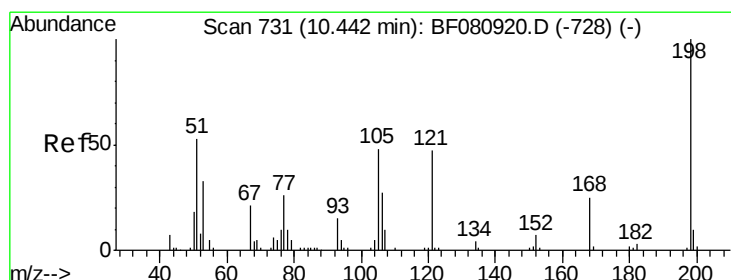
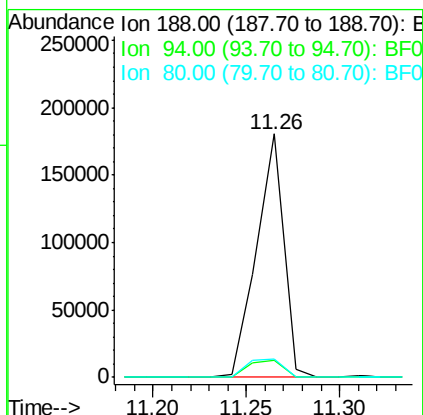
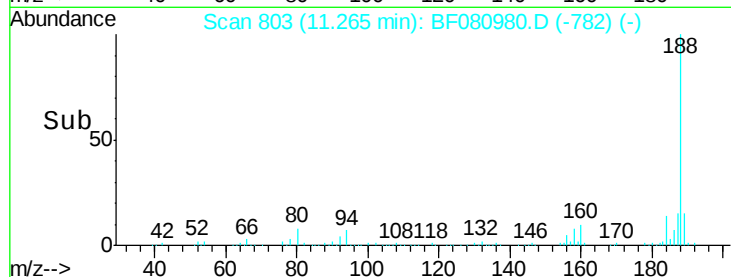
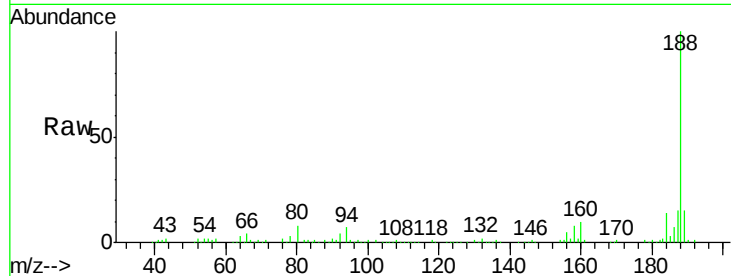
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.2	8.8	13.2#
80	7.5	9.5	14.3#

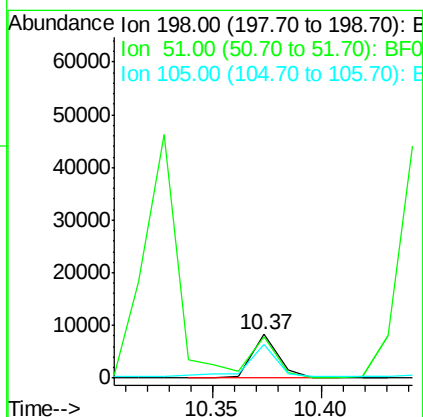
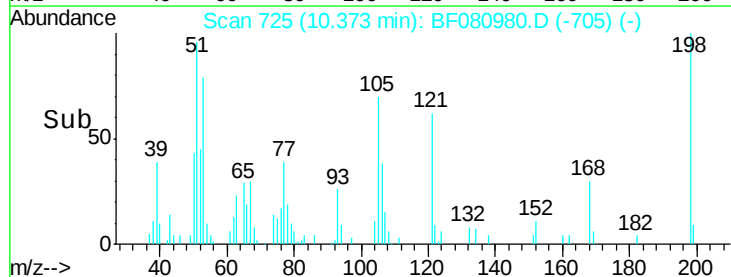
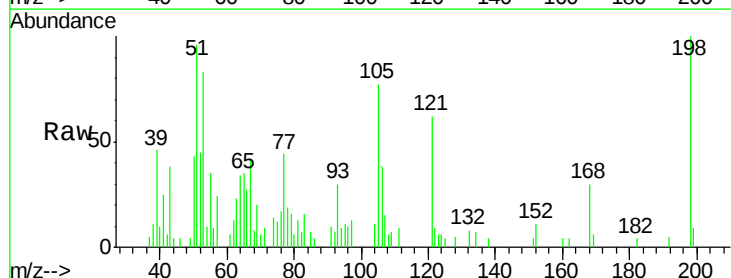
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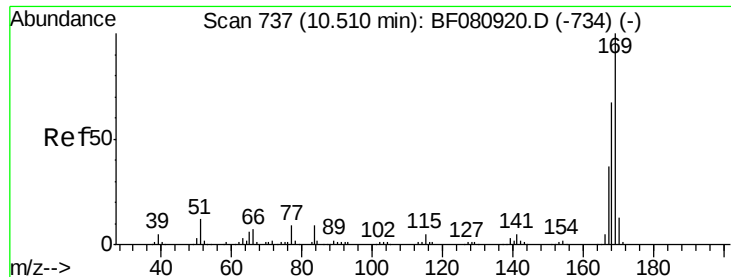
MMDadoda
 8/14/2015 3:08:35 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.20 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	95.8	40.3	80.3#
105	76.8	29.6	69.6#





#65

n-Nitrosodiphenylamine

Concen: 24.39 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

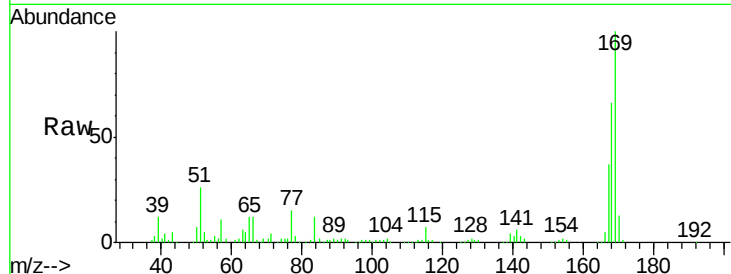
ClientSampleId :

CSB-03MS

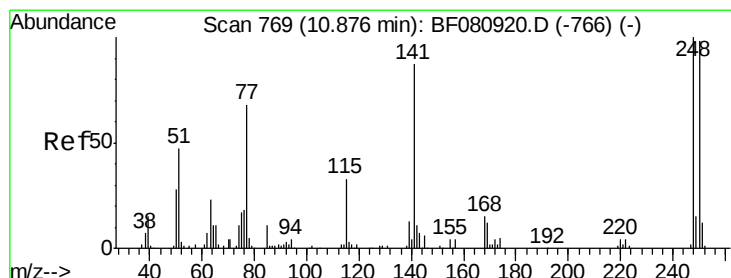
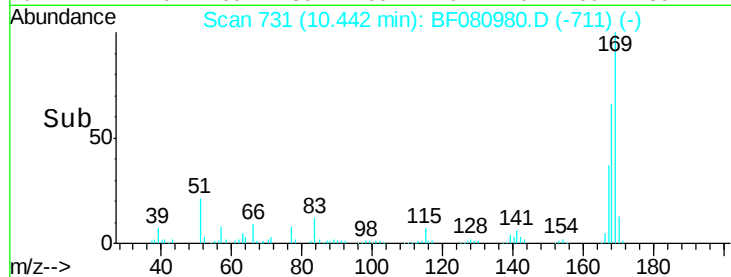
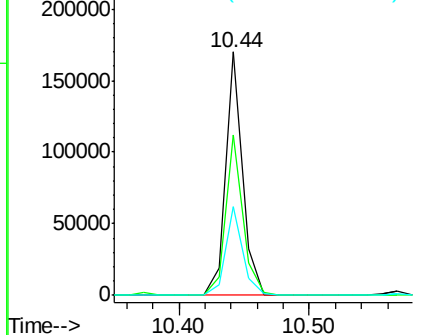
Tot Ion:	169	Resp:	154132
Ion Ratio	Lower	Upper	
169	100		
168	66.0	53.7	80.5
167	36.6	29.3	43.9

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



#66

4-Bromophenyl-phenylether

Concen: 23.58 ng

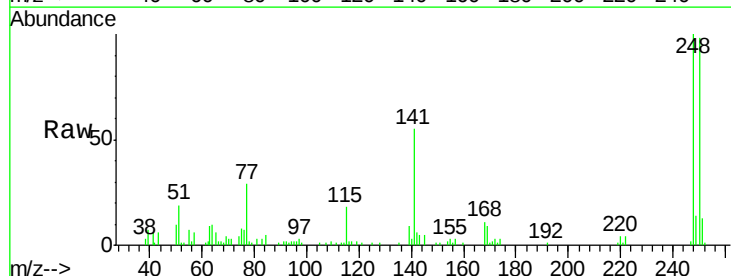
RT: 10.82 min Scan# 764

Delta R.T. -0.06 min

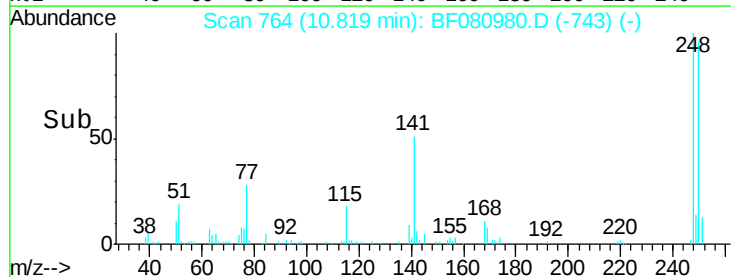
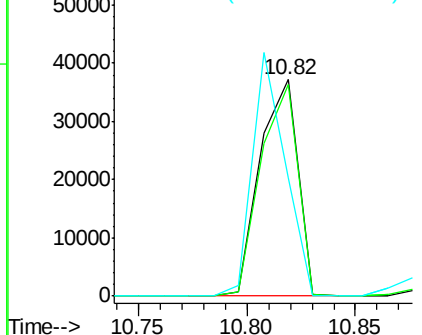
Lab File: BF080980.D

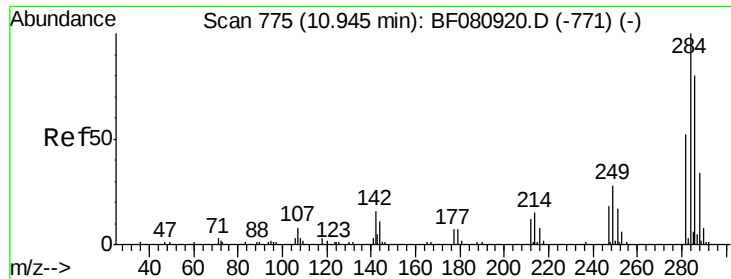
Acq: 13 Aug 2015 14:36

Tgt Ion:	248	Resp:	45426
Ion Ratio	Lower	Upper	
248	100		
250	97.8	78.1	117.1
141	54.5	69.6	104.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





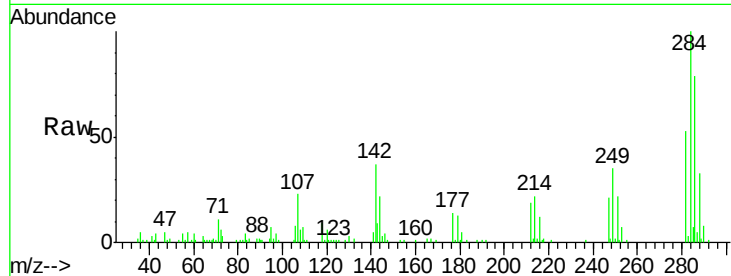
#67
Hexachlorobenzene
Concen: 22.05 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.07 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

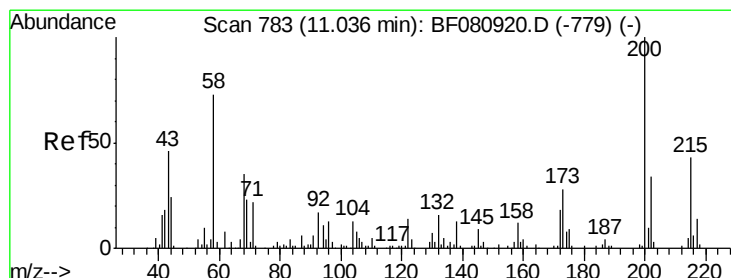
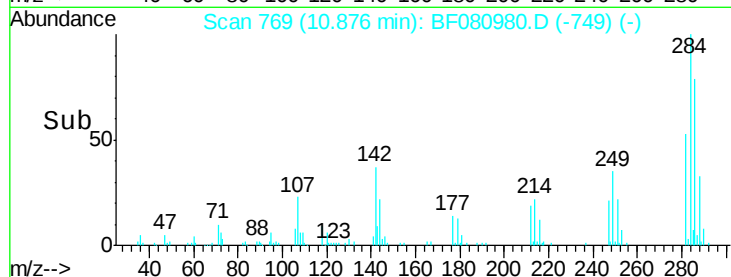
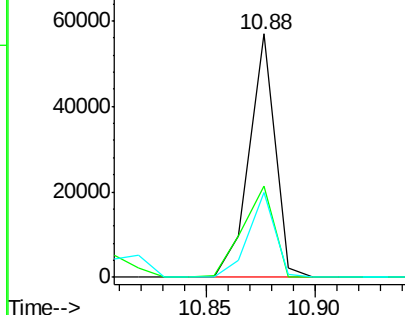
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.3	12.8	19.2#
249	34.7	22.5	33.7#

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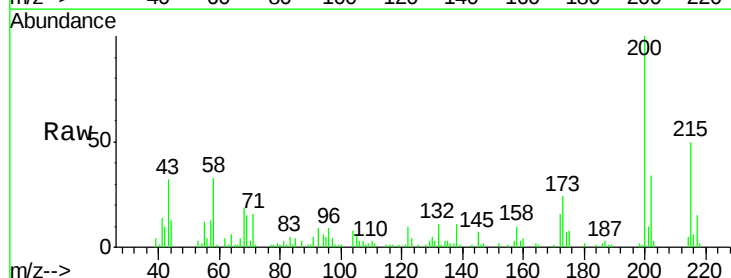


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

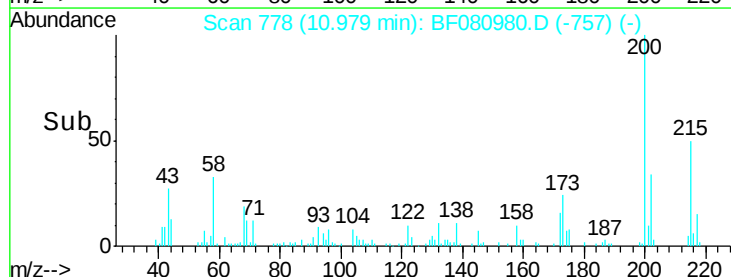
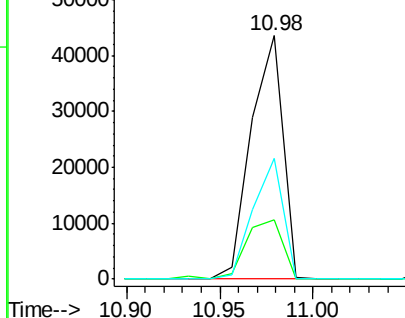


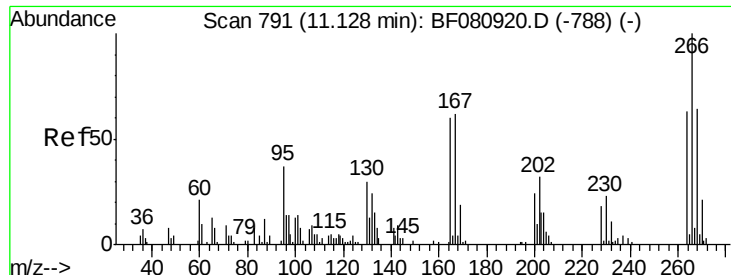
#68
Atrazine
Concen: 27.75 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.3	8.4	48.4
215	49.6	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





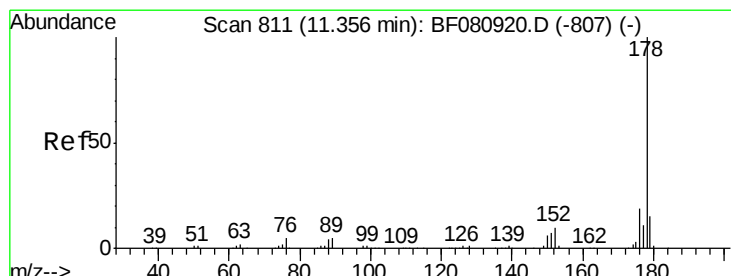
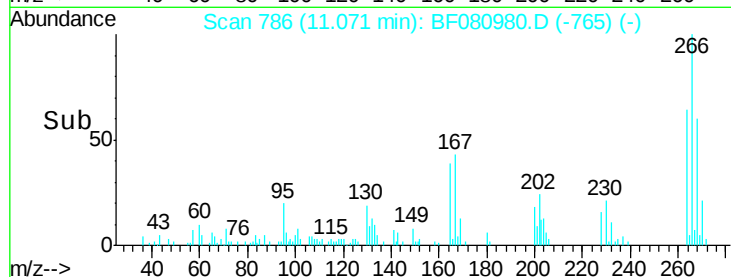
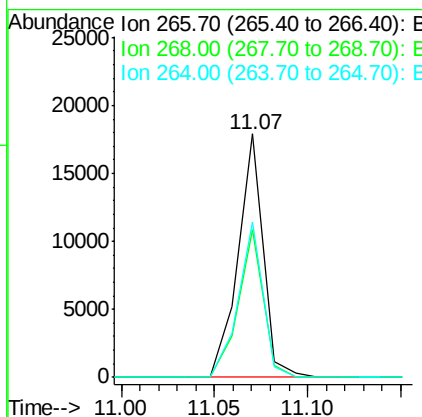
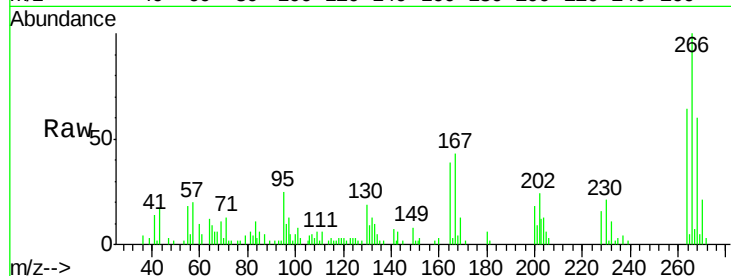
#69
 Pentachlorophenol
 Concen: 13.56 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.06 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	16879		
268	60.4	51.6	77.4	
264	63.8	50.1	75.1	

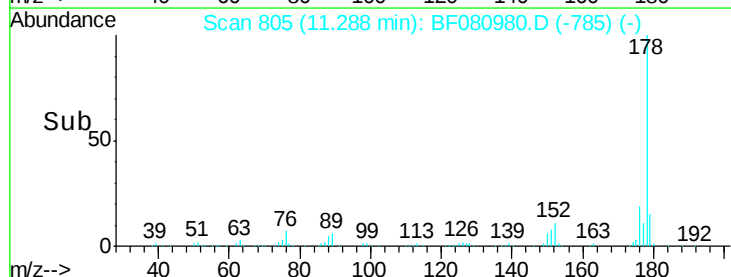
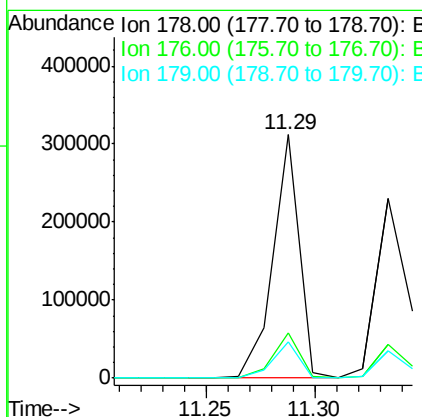
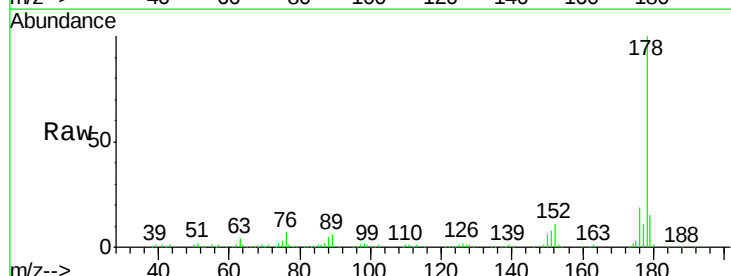
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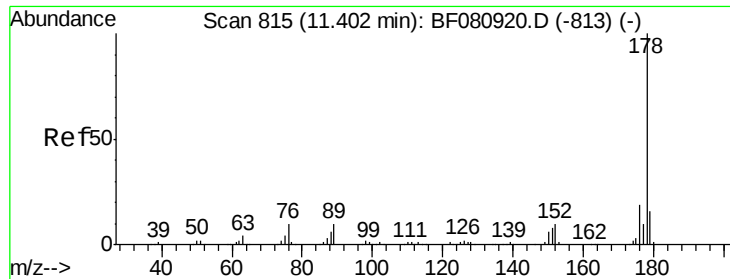
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#70
 Phenanthrene
 Concen: 25.67 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	264327		
176	18.8	15.6	23.4	
179	14.9	11.9	17.9	





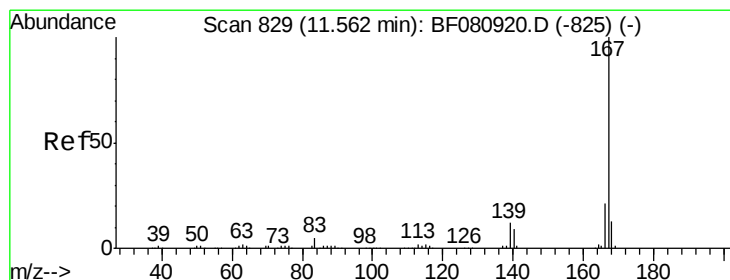
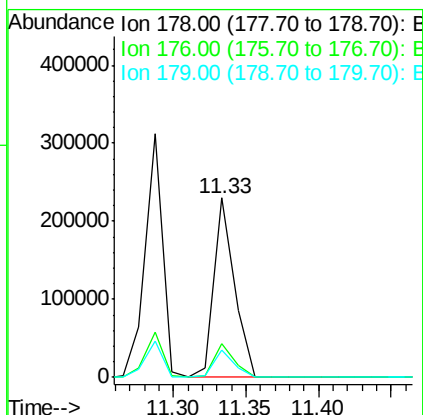
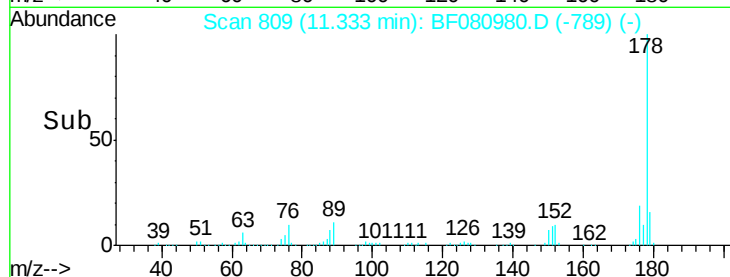
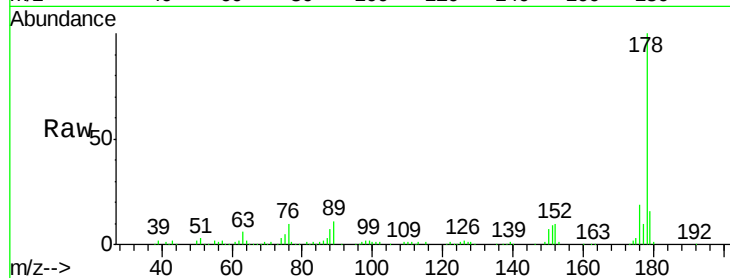
#71
 Anthracene
 Concen: 22.16 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.6	12.6	18.8

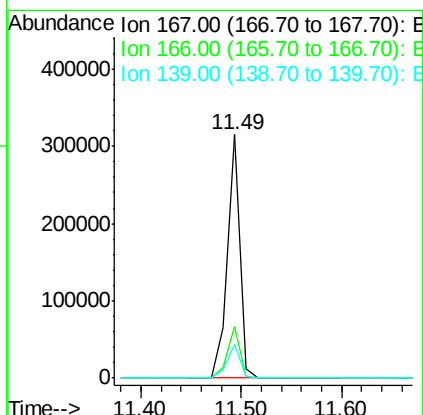
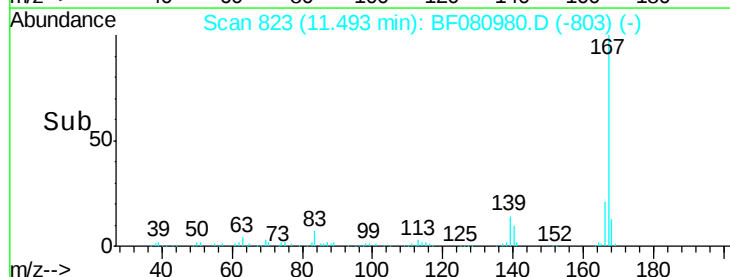
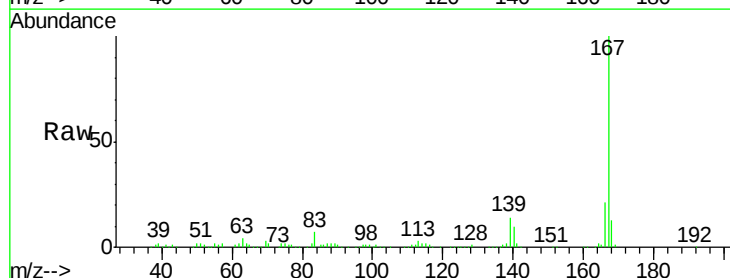
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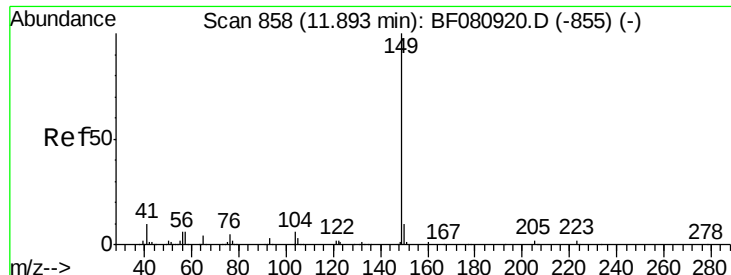
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#72
 Carbazole
 Concen: 27.49 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	13.8	9.2	13.8#





#73

Di-n-butylphthalate

Concen: 31.37 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

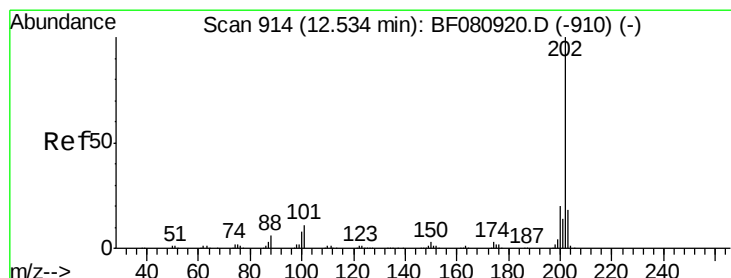
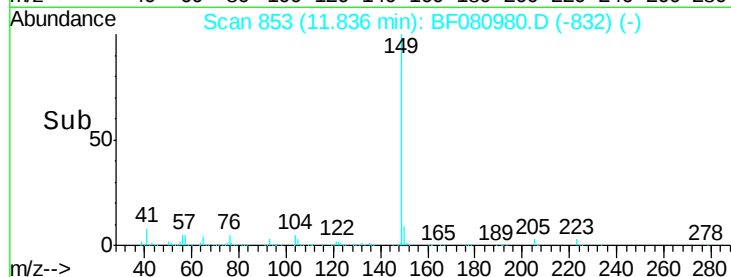
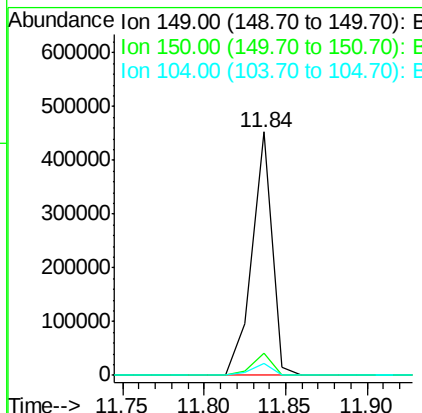
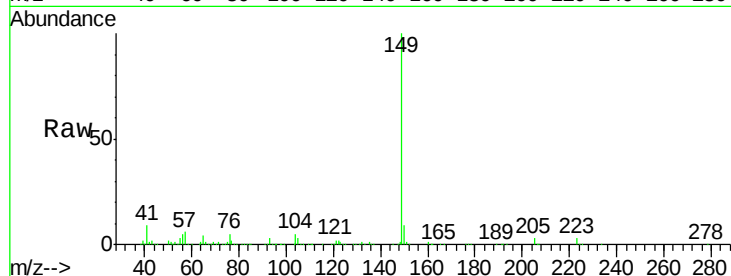
ClientSampleId :

CSB-03MS

Tot Ion:	149	Resp:	389339
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.6	11.4
104	5.0	4.4	6.6

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#74

Fluoranthene

Concen: 21.16 ng

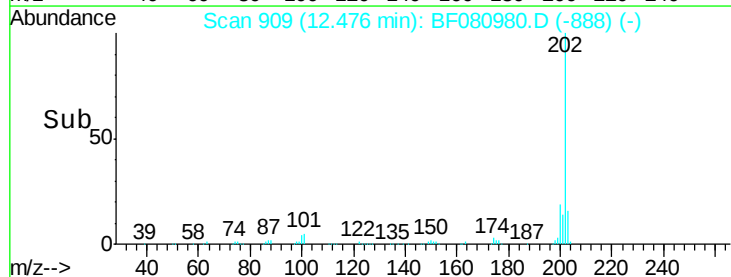
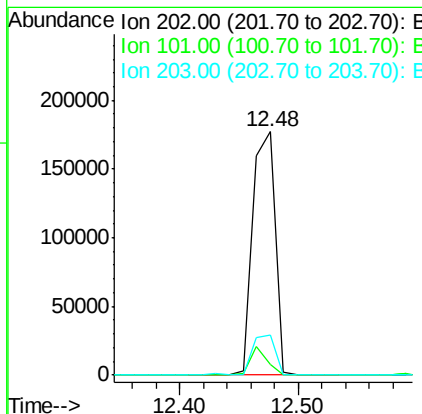
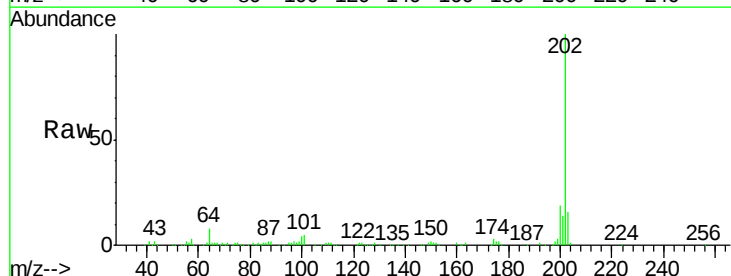
RT: 12.48 min Scan# 909

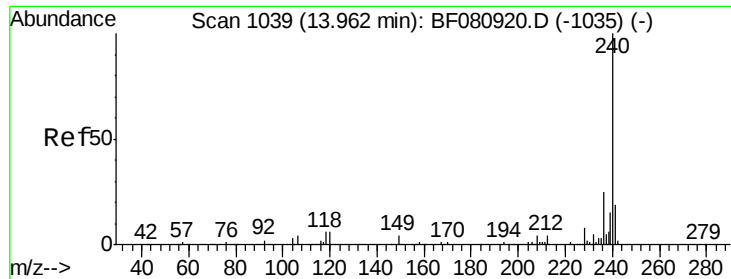
Delta R.T. -0.06 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	202	Resp:	235547
Ion Ratio	Lower	Upper	
202	100		
101	4.6	0.0	30.5
203	16.5	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

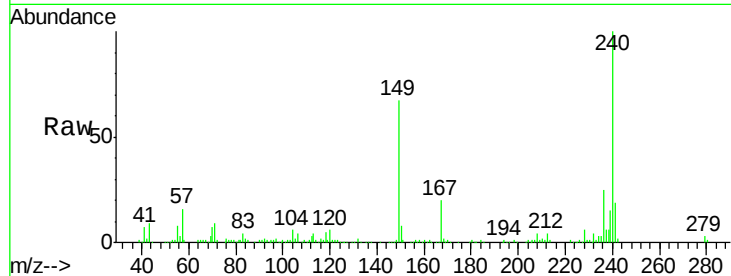
ClientSampleId :

CSB-03MS

Tot Ion:	240	Resp:	159871
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.2	7.8
236	24.8	20.2	30.4

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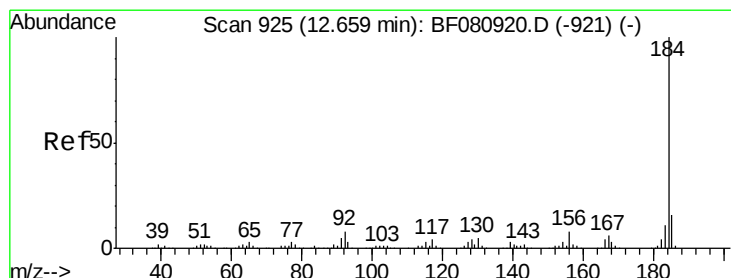
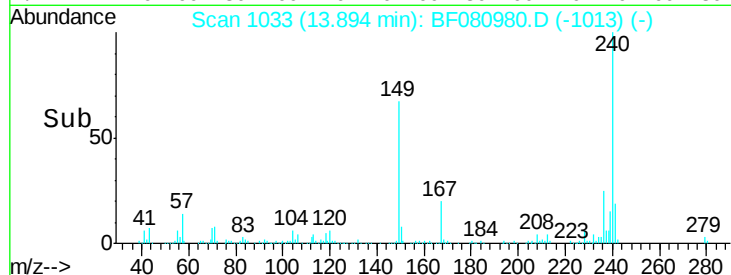
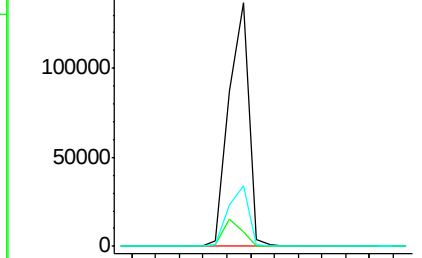
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.28 ng

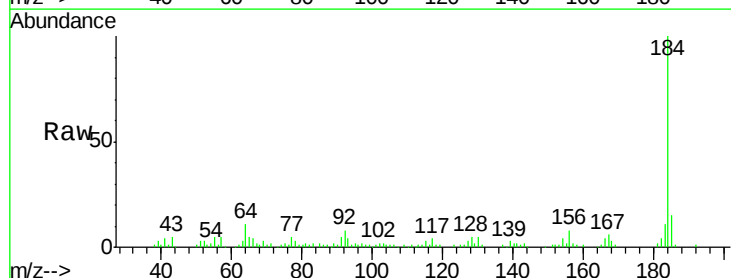
RT: 12.59 min Scan# 919

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

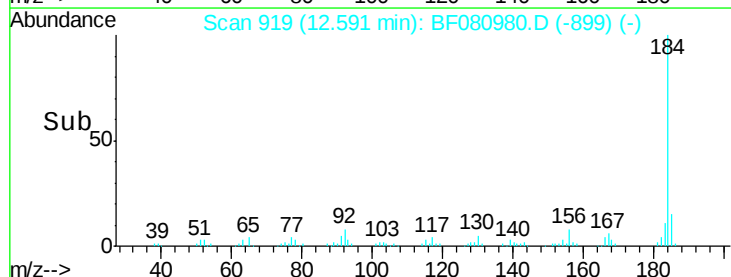
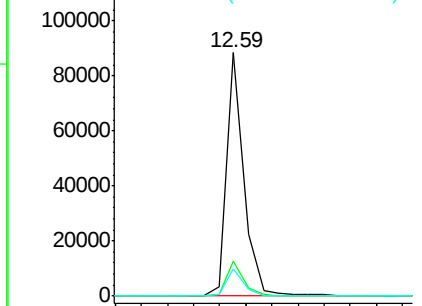
Tgt Ion:	184	Resp:	81547
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.4
183	11.2	8.7	13.1

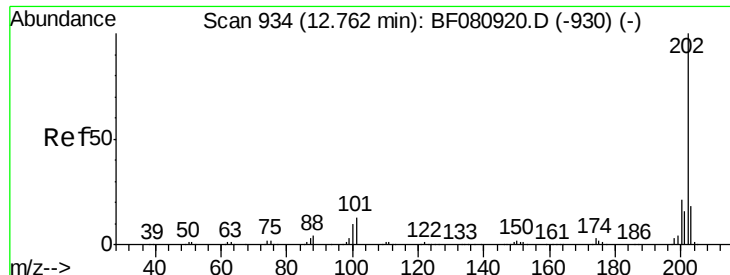


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 19.53 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

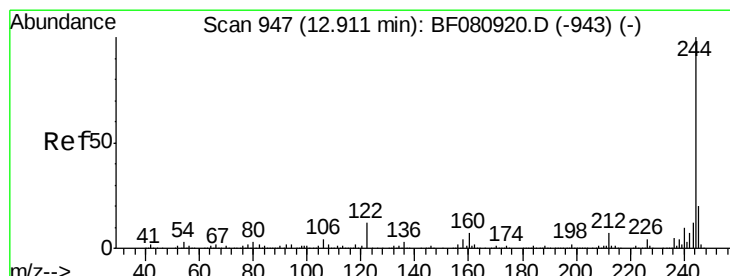
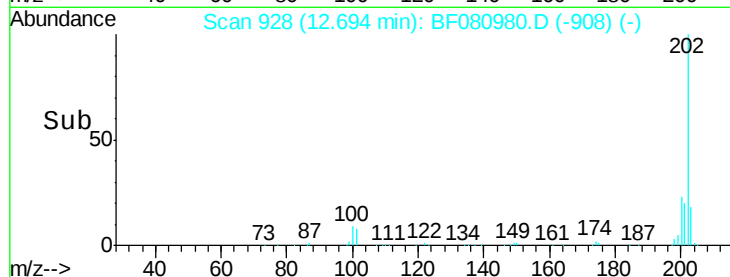
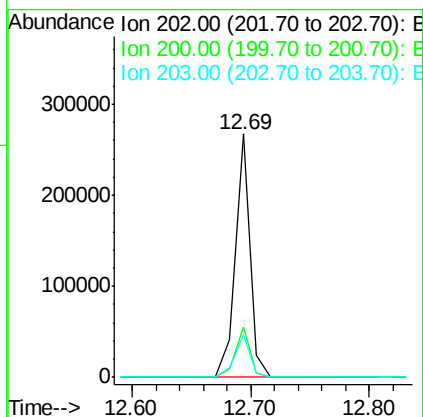
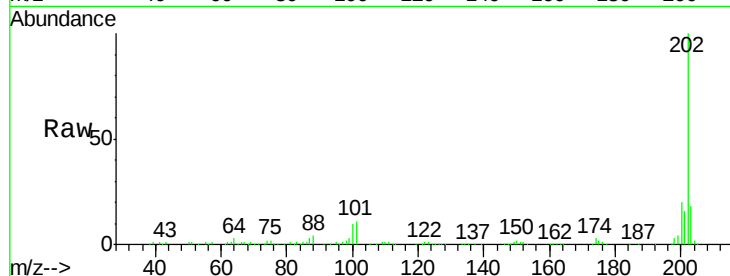
ClientSampleId :

CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	230643		
200	20.5	16.6	24.8	
203	17.6	14.2	21.2	

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#78

Terphenyl-d14

Concen: 35.98 ng

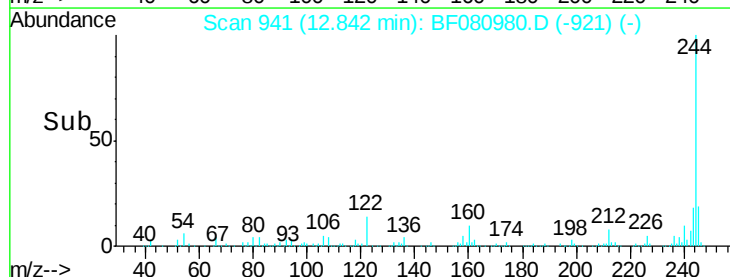
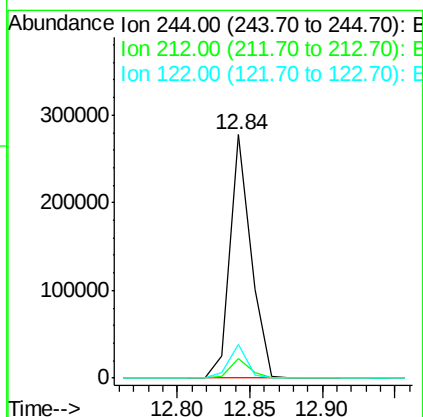
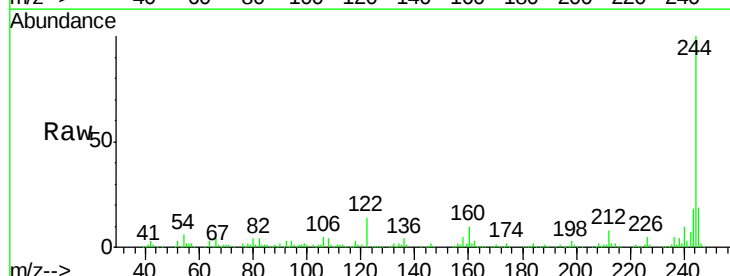
RT: 12.84 min Scan# 941

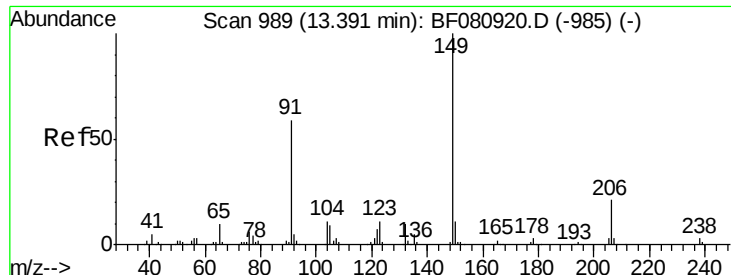
Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	278516		
212	8.1	5.8	8.8	
122	14.1	9.4	14.2	





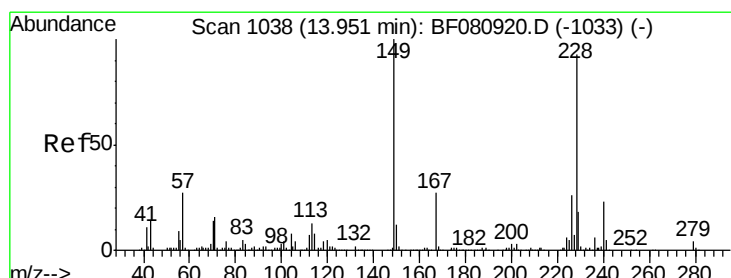
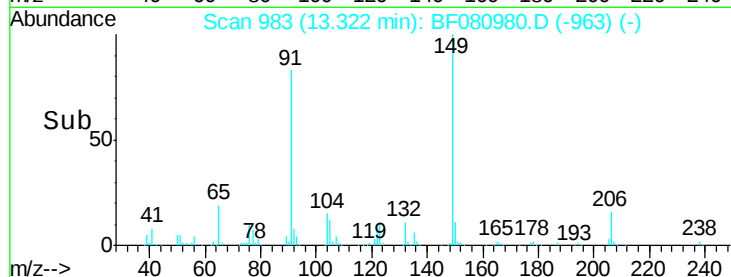
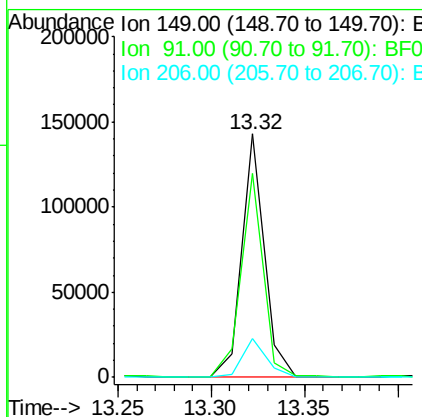
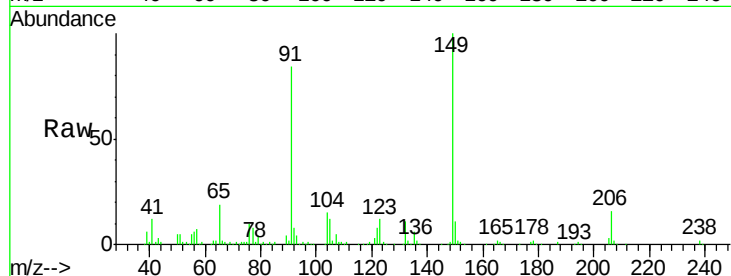
#79
Butylbenzylphthalate
Concen: 21.04 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.07 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	83.7	47.2	70.8#	
206	15.9	16.5	24.7#	

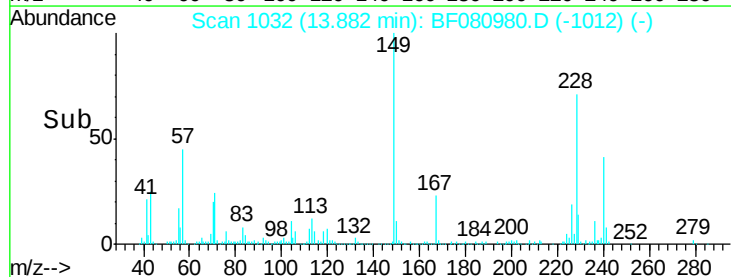
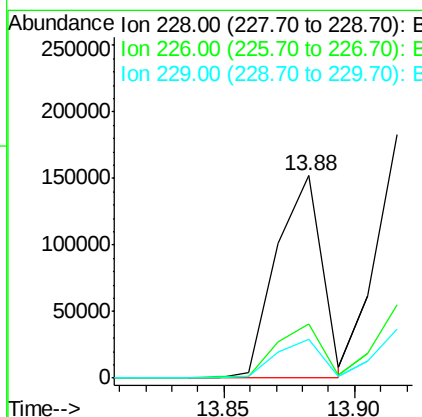
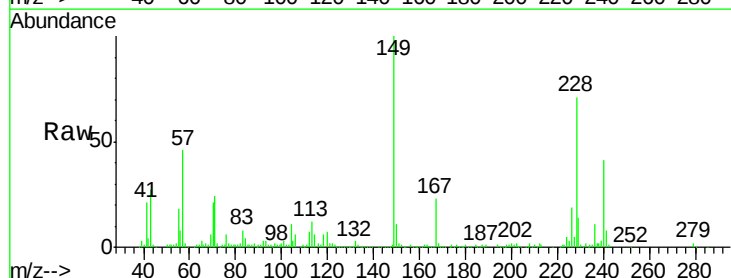
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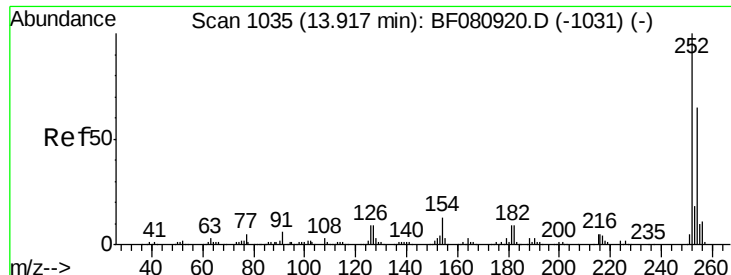
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#80
Benzo(a)anthracene
Concen: 18.01 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	26.8	22.2	33.2	
229	19.1	15.8	23.6	





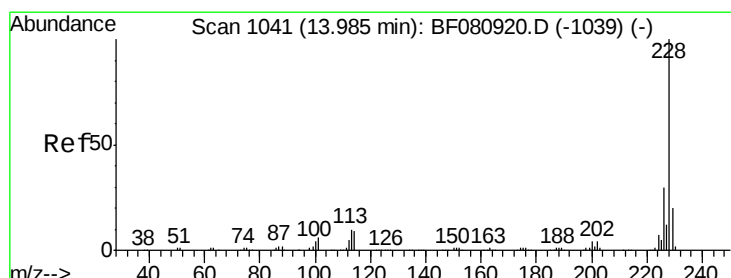
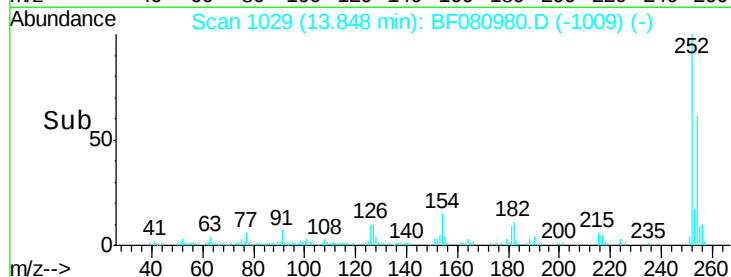
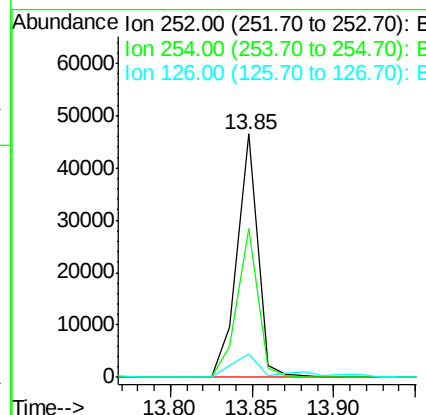
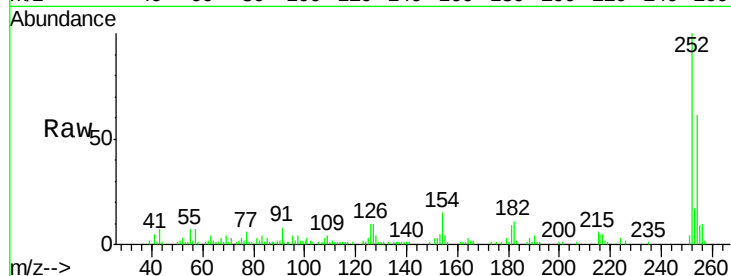
#81
 3,3'-Dichlorobenzidine
 Concen: 11.10 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	40778		
254	61.1		51.7	77.5
126	9.7		7.1	10.7

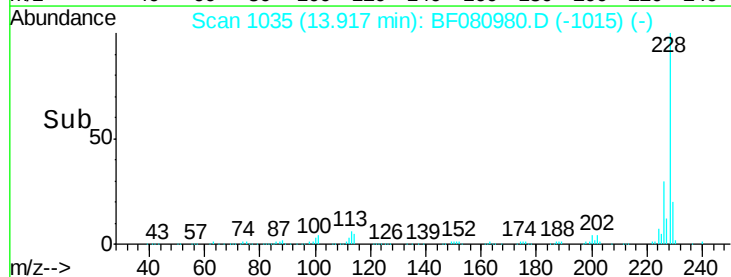
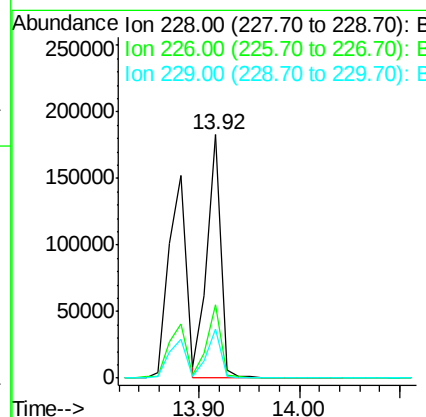
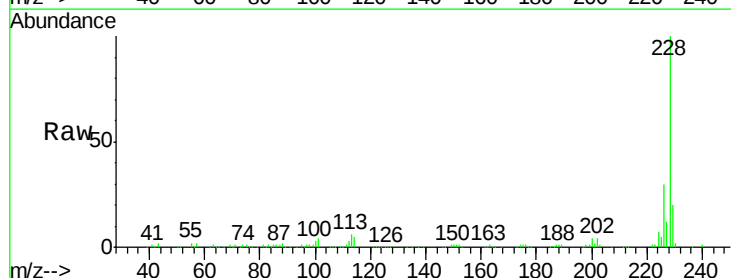
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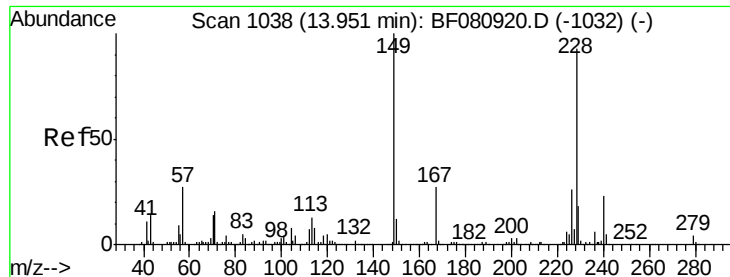
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#82
 Chrysene
 Concen: 18.13 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	175322		
226	30.1		23.9	35.9
229	20.1		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.07 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

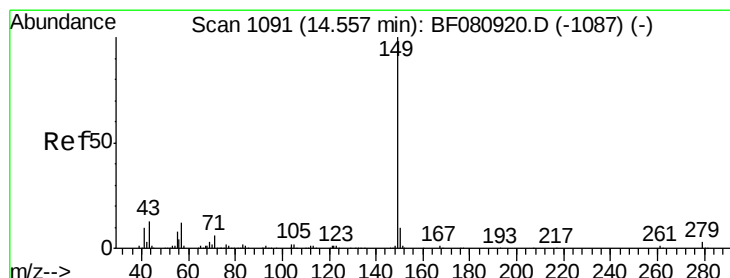
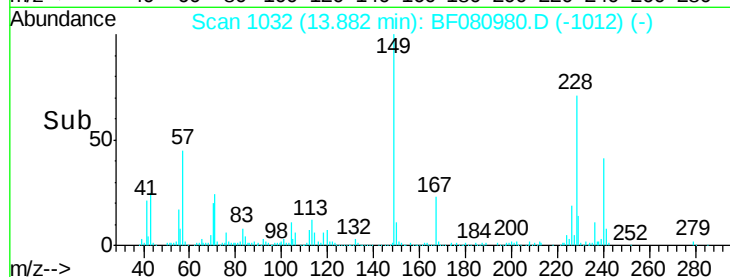
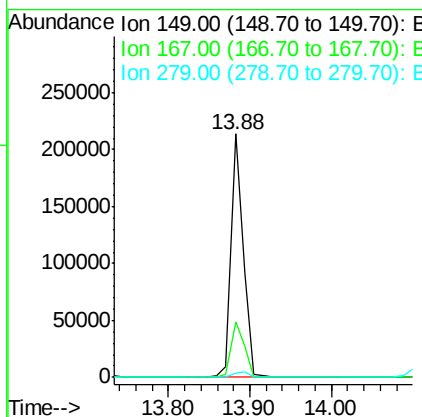
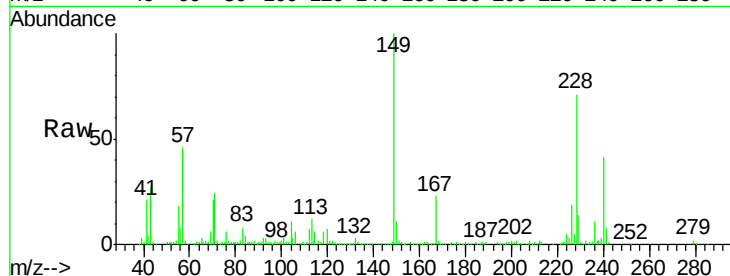
ClientSampleId :

CSB-03MS

Tot Ion:	149	Resp:	222396
Ion Ratio		Lower	Upper
149	100		
167	23.0	21.4	32.0
279	1.5	2.9	4.3#

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#84

Di-n-octyl phthalate

Concen: 23.92 ng

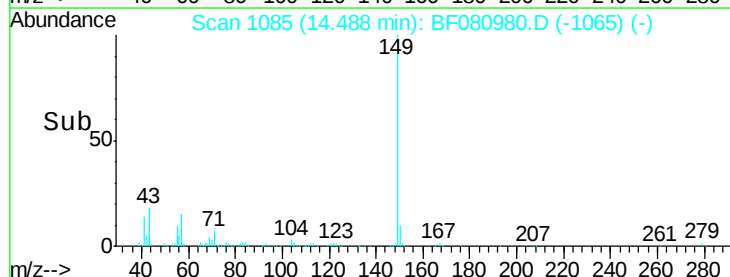
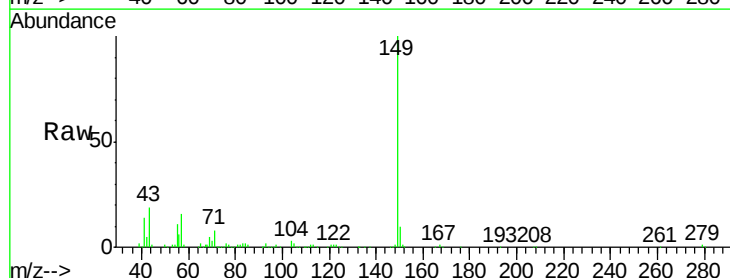
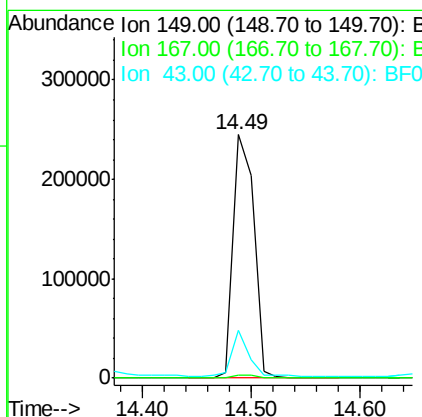
RT: 14.49 min Scan# 1085

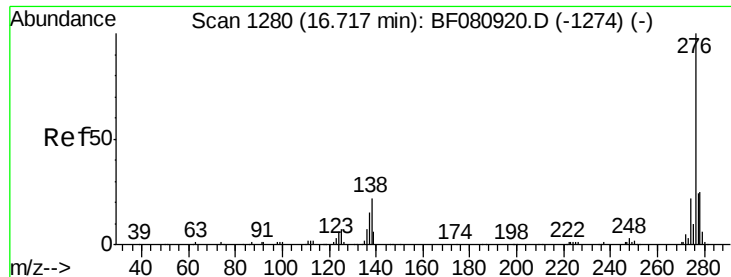
Delta R.T. -0.07 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	149	Resp:	321305
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	15.7	11.0	16.4





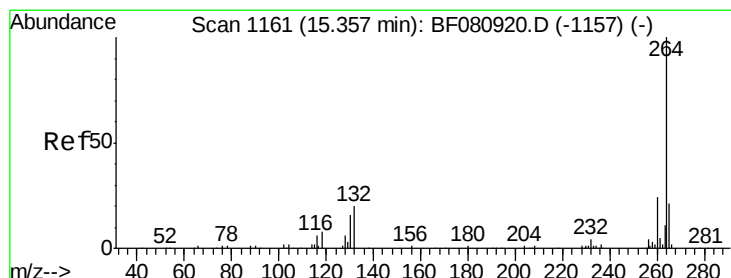
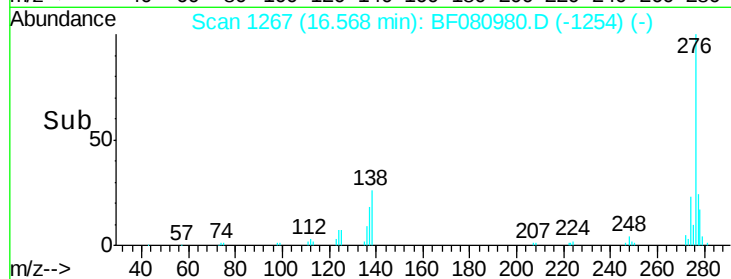
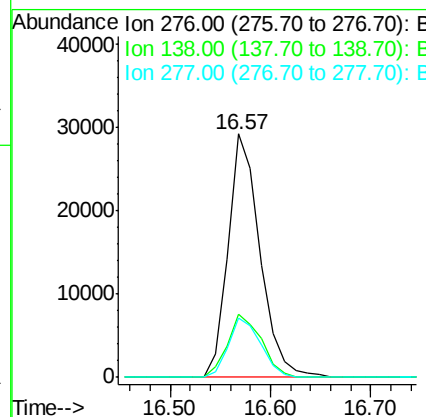
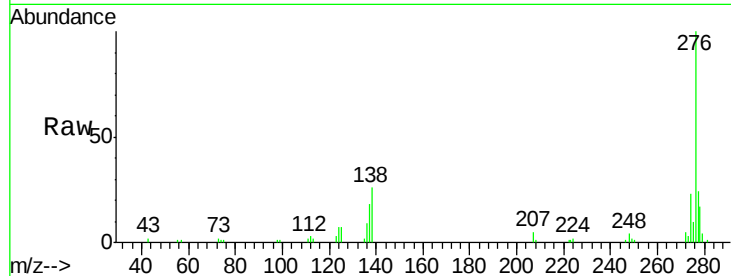
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 6.98 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.15 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion:	276	Resp:	64216
Ion Ratio	Lower	Upper	
276	100		
138	27.4	19.9	29.9
277	24.7	19.7	29.5

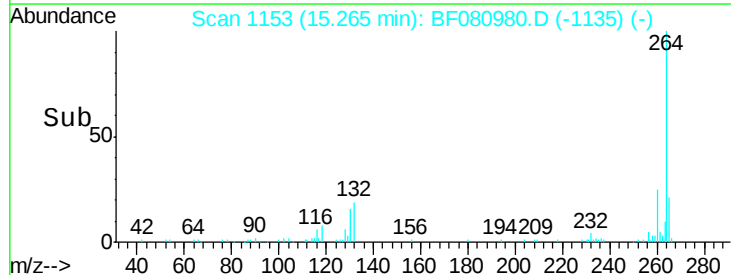
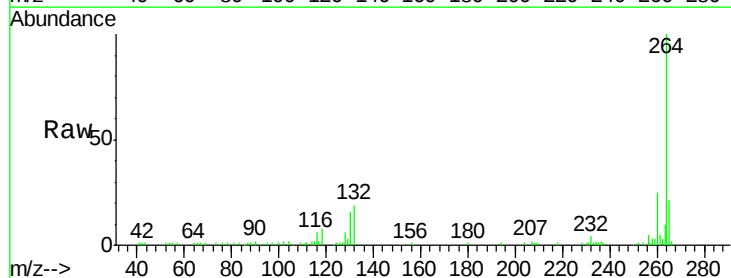
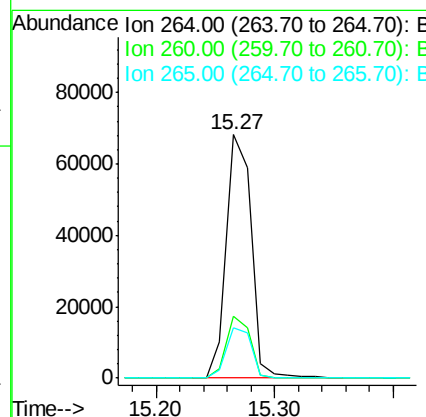
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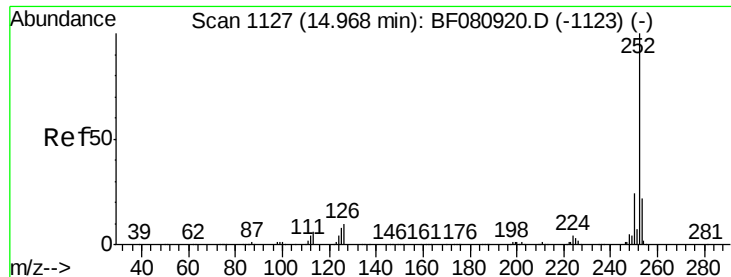
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.09 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Tgt Ion:	264	Resp:	98878
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.4	29.0
265	20.5	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 18.29 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.09 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Instrument :

BNA_F

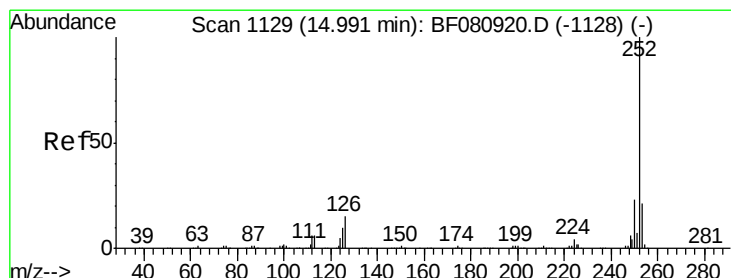
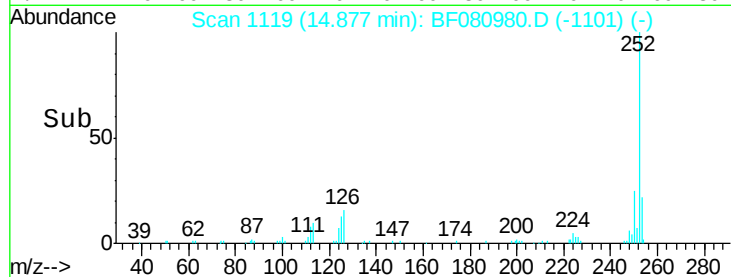
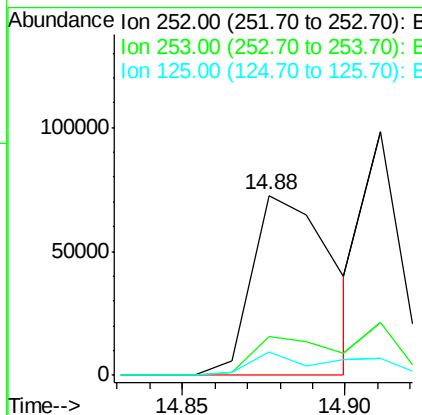
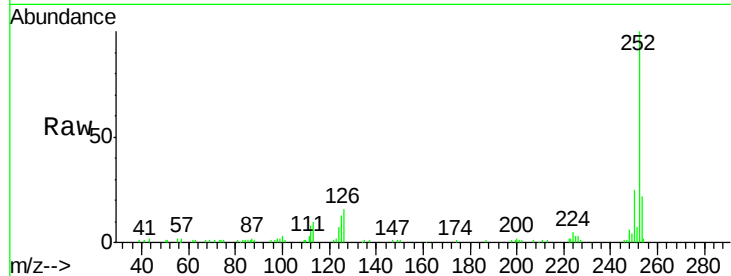
ClientSampled :

CSB-03MS

Tot Ion:	252	Resp:	125739
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.6	26.4
125	12.8	6.1	9.1#

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#88

Benzo(k)fluoranthene

Concen: 12.83 ng m

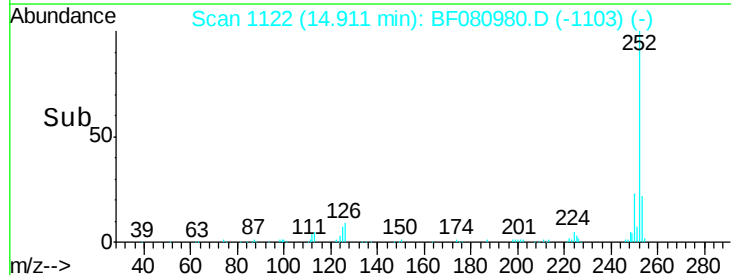
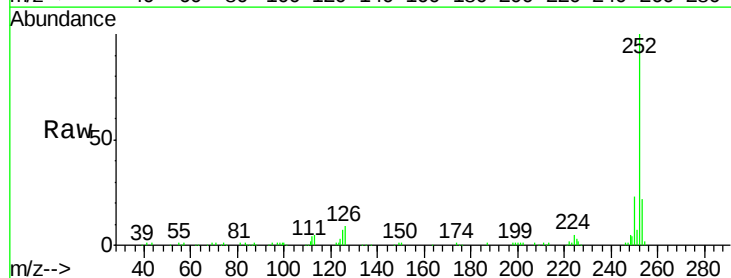
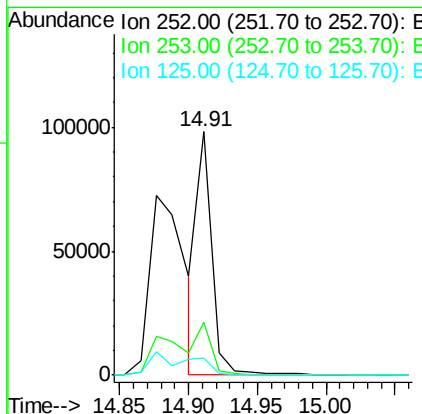
RT: 14.91 min Scan# 1122

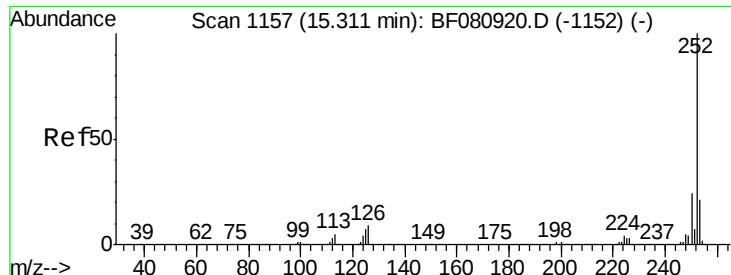
Delta R.T. -0.08 min

Lab File: BF080980.D

Acq: 13 Aug 2015 14:36

Tgt Ion:	252	Resp:	77191
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.2
125	7.1	9.0	13.6#





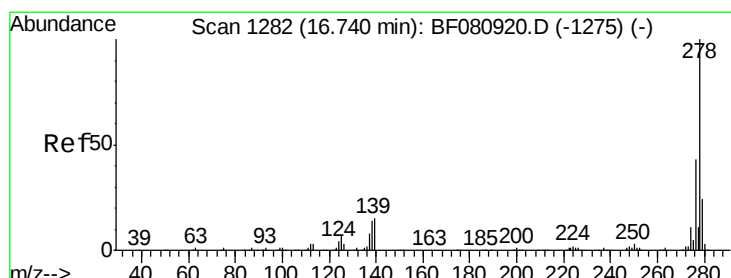
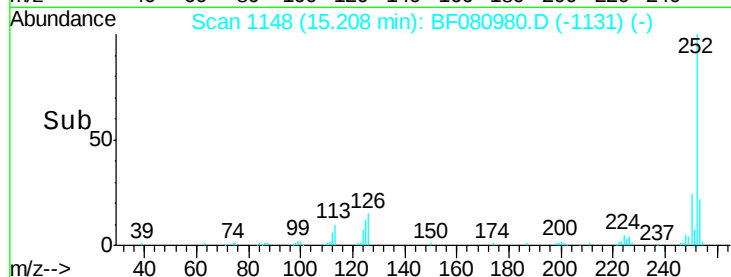
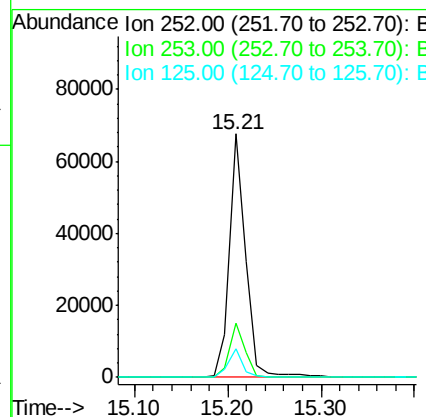
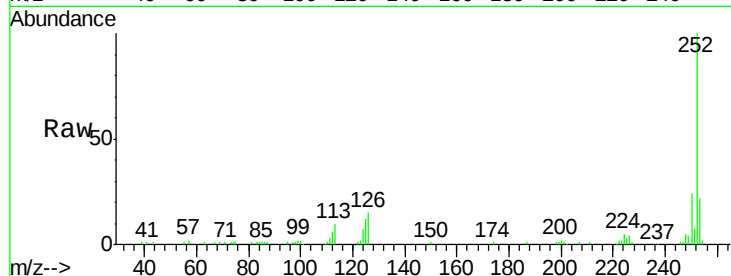
#89
Benzo(a)pyrene
Concen: 13.86 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.10 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Instrument :
BNA_F
ClientSampleId :
CSB-03MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.9	25.3
125	11.5	5.8	8.8

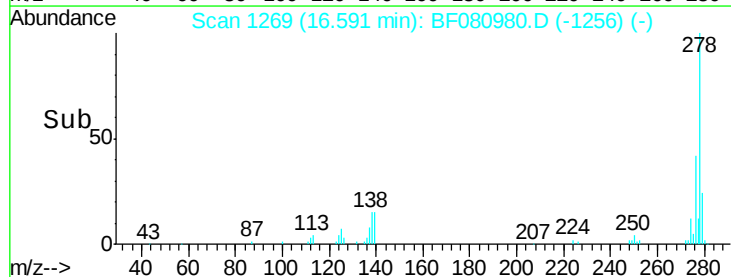
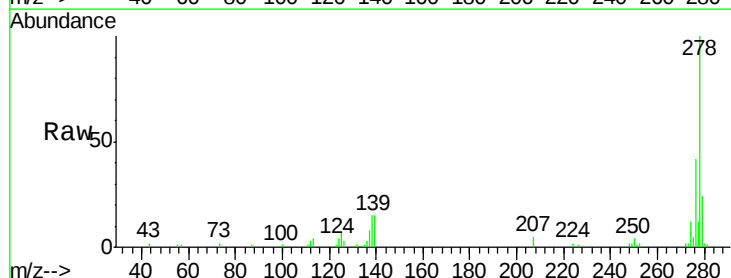
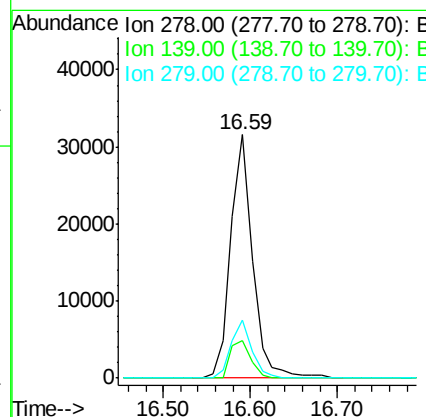
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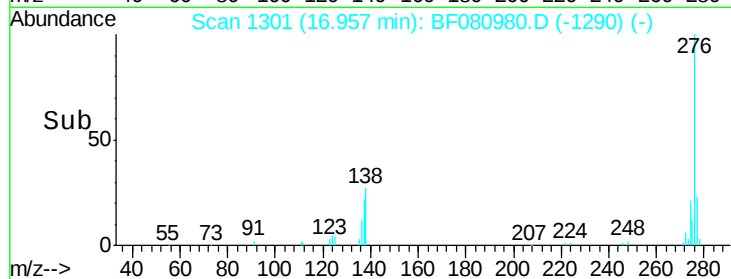
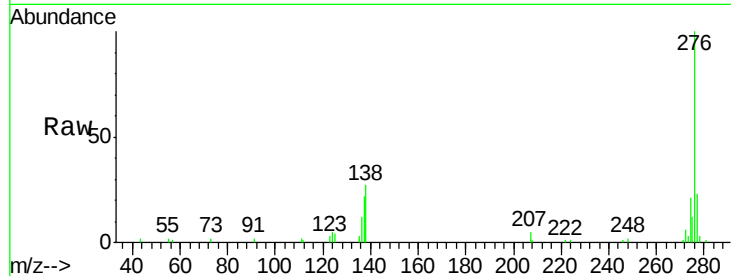
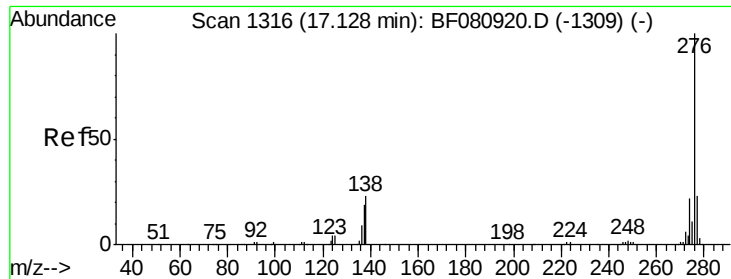
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#90
Dibenzo(a,h)anthracene
Concen: 10.64 ng
RT: 16.59 min Scan# 1269
Delta R.T. -0.15 min
Lab File: BF080980.D
Acq: 13 Aug 2015 14:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.9	17.9
279	24.0	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 11.39 ng
 RT: 16.96 min Scan# 1301
 Delta R.T. -0.17 min
 Lab File: BF080980.D
 Acq: 13 Aug 2015 14:36

Instrument :
 BNA_F
 ClientSampleId :
 CSB-03MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.6	28.0
138	27.3	18.4	27.6

Manual Integrations
 APPROVED

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