

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080215\
 Data File : BF080804.D
 Acq On : 2 Aug 2015 12:23
 Operator : TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:38:48 PM

Quant Time: Aug 03 14:18:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 03 12:39:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	245062	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	911460	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	375418	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	702114	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	542247	20.00	ng	-0.01
86) Perylene-d12	15.40	264	578327	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	976511	68.36	ng	-0.01
7) Phenol-d6	6.48	99	1335058	68.65	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1143885	60.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	291574	74.85	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1717067	68.23	ng	-0.02
78) Terphenyl-d14	12.93	244	1766545	61.61	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	290903	41.29	ng	95
3) Pyridine	3.18	79	787965	40.31	ng	95
4) n-Nitrosodimethylamine	3.14	42	436595	39.07	ng	90
6) Aniline	6.50	93	953043	34.04	ng	93
8) 2-Chlorophenol	6.62	128	561618	35.07	ng	92
9) Benzaldehyde	6.38	77	409073	32.79	ng	90
10) Phenol	6.49	94	758238	33.69	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	555919	34.58	ng	93
12) 1,3-Dichlorobenzene	6.78	146	626652m	35.15	ng	
13) 1,4-Dichlorobenzene	6.85	146	637201	35.04	ng	96
14) 1,2-Dichlorobenzene	7.01	146	637042	38.32	ng	93
15) Benzyl Alcohol	6.98	79	503138	31.15	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1171903	34.12	ng	95
17) 2-Methylphenol	7.09	107	477992	36.37	ng	98
18) Hexachloroethane	7.36	117	238096	35.08	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	440327	33.62	ng	# 89
20) 3+4-Methylphenols	7.25	107	571338	35.23	ng	91
22) Acetophenone	7.25	105	707929	32.18	ng	# 89
24) Nitrobenzene	7.42	77	684821	36.32	ng	93
25) Isophorone	7.66	82	1187002	35.46	ng	98
26) 2-Nitrophenol	7.73	139	290744	37.98	ng	# 87
27) 2,4-Dimethylphenol	7.78	122	576854	40.12	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	692761	34.94	ng	99
29) 2,4-Dichlorophenol	7.98	162	477033	37.32	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	532035	38.17	ng	97
31) Naphthalene	8.14	128	1703285	37.44	ng	99
32) Benzoic acid	7.90	122	400320	39.76	ng	94
33) 4-Chloroaniline	8.19	127	643638	33.53	ng	# 89
34) Hexachlorobutadiene	8.26	225	317456	35.28	ng	99
35) Caprolactam	8.57	113	136900	35.77	ng	# 88
36) 4-Chloro-3-methylphenol	8.67	107	478288	34.71	ng	99
37) 2-Methylnaphthalene	8.83	142	933761	32.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	505615	42.89	ng	98
40) Hexachlorocyclopentadiene	8.99	237	317470	43.77	ng	99

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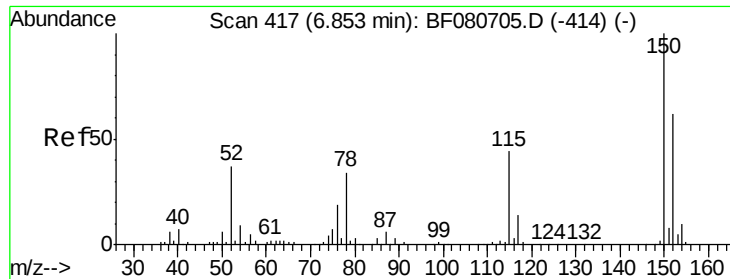
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	327620	39.95	ng	96
43) 2,4,5-Trichlorophenol	9.15	196	357209	43.91	ng	93
45) 1,1'-Biphenyl	9.30	154	1178713	40.95	ng	96
46) 2-Chloronaphthalene	9.32	162	931549	39.62	ng	94
47) 2-Nitroaniline	9.41	65	332687	36.37	ng	# 78
48) Acenaphthylene	9.73	152	1373803	36.75	ng	99
49) Dimethylphthalate	9.61	163	1007764	38.09	ng	# 97
50) 2,6-Dinitrotoluene	9.66	165	243679	43.40	ng	# 63
51) Acenaphthene	9.90	154	839975	36.83	ng	100
52) 3-Nitroaniline	9.82	138	226272	34.92	ng	# 58
53) 2,4-Dinitrophenol	9.93	184	127782	42.73	ng	# 79
54) Dibenzofuran	10.08	168	1082632	35.49	ng	98
55) 4-Nitrophenol	9.98	139	208603	43.70	ng	# 77
56) 2,4-Dinitrotoluene	10.06	165	305187	41.45	ng	# 69
57) Fluorene	10.42	166	821623	34.70	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	234333	38.20	ng	98
59) Diethylphthalate	10.30	149	972354	38.13	ng	97
60) 4-Chlorophenyl-phenylether	10.42	204	431600	42.04	ng	# 78
61) 4-Nitroaniline	10.44	138	270440	46.23	ng	88
62) Azobenzene	10.57	77	1133401	41.03	ng	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	158510	37.49	ng	# 81
65) n-Nitrosodiphenylamine	10.53	169	832984	36.19	ng	97
66) 4-Bromophenyl-phenylether	10.90	248	252052	34.78	ng	# 83
67) Hexachlorobenzene	10.97	284	314831	37.57	ng	# 79
68) Atrazine	11.06	200	189420	34.11	ng	97
69) Pentachlorophenol	11.16	266	196341	38.72	ng	97
70) Phenanthrene	11.38	178	1275289	36.05	ng	100
71) Anthracene	11.42	178	1265300	36.40	ng	99
72) Carbazole	11.58	167	1170165	38.79	ng	99
73) Di-n-butylphthalate	11.92	149	1416503	37.87	ng	100
74) Fluoranthene	12.56	202	1356371	39.66	ng	95
76) Benzidine	12.68	184	651265	32.99	ng	99
77) Pyrene	12.79	202	1390166	33.06	ng	100
79) Butylbenzylphthalate	13.41	149	605760	35.10	ng	# 84
80) Benzo(a)anthracene	13.97	228	1147938	35.20	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	444679	39.95	ng	97
82) Chrysene	14.01	228	1129241	35.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	753617	36.00	ng	# 95
84) Di-n-octyl phthalate	14.59	149	1460403	41.60	ng	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	1257494	44.11	ng	# 85
87) Benzo(b)fluoranthene	15.00	252	1308005m	37.86	ng	
88) Benzo(k)fluoranthene	15.03	252	958596m	33.72	ng	
89) Benzo(a)pyrene	15.35	252	1090294	38.44	ng	99
90) Dibenzo(a,h)anthracene	16.80	278	1018894	40.13	ng	# 96
91) Benzo(g,h,i)perylene	17.20	276	1002633	40.13	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

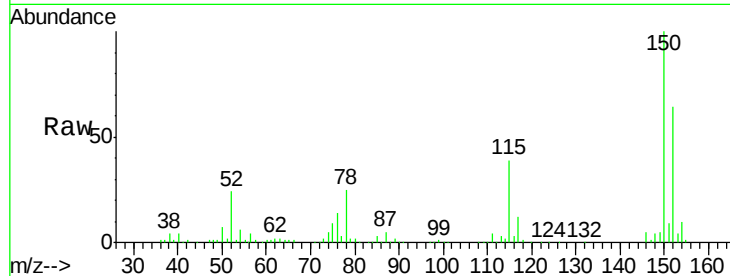
ClientSampleId :

SSTDCCC040

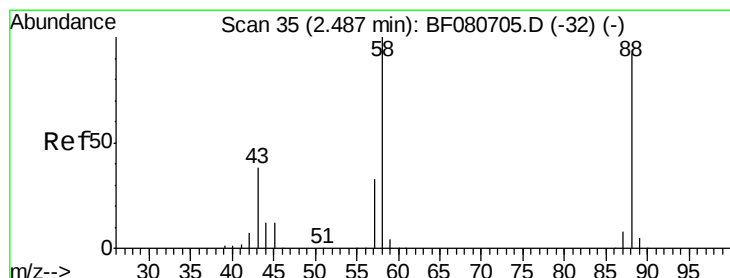
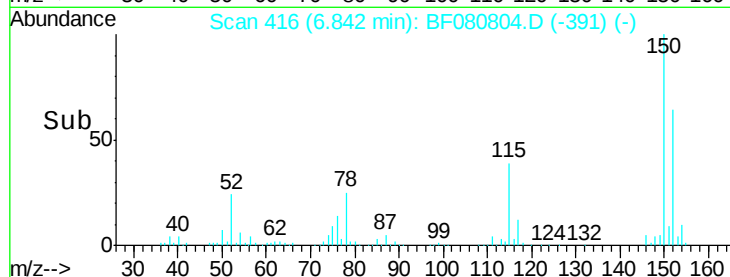
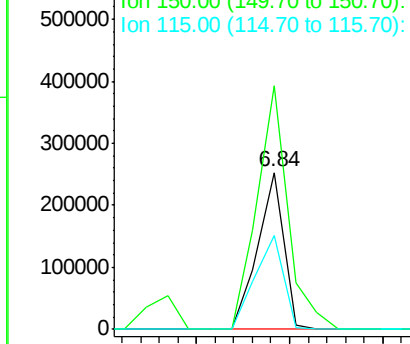
Tgt Ion:	152	Resp:	245062
Ion Ratio	Lower	Upper	
152	100		
150	155.2	129.6	194.4
115	60.1	56.6	85.0

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.29 ng

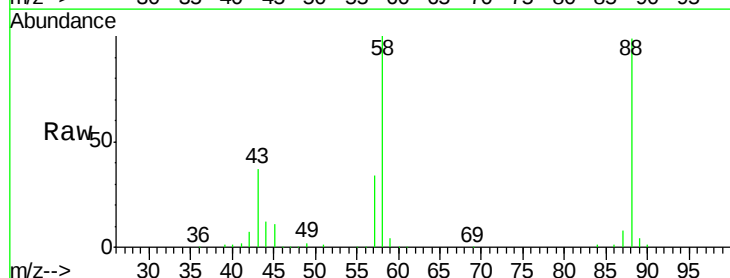
RT: 2.46 min Scan# 33

Delta R.T. -0.02 min

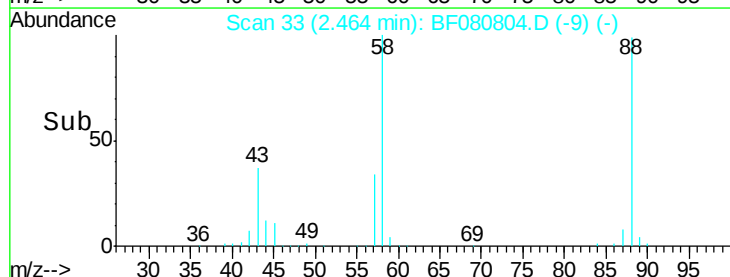
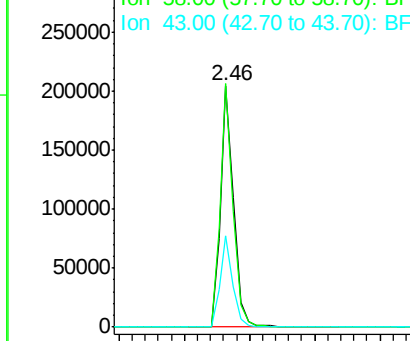
Lab File: BF080804.D

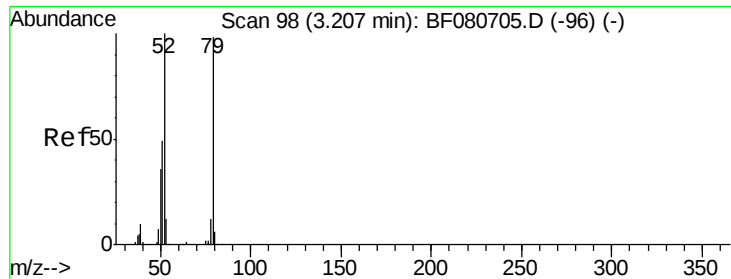
Acq: 2 Aug 2015 12:23

Tgt Ion:	88	Resp:	290903
Ion Ratio	Lower	Upper	
88	100		
58	97.4	82.3	123.5
43	36.3	31.7	47.5



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





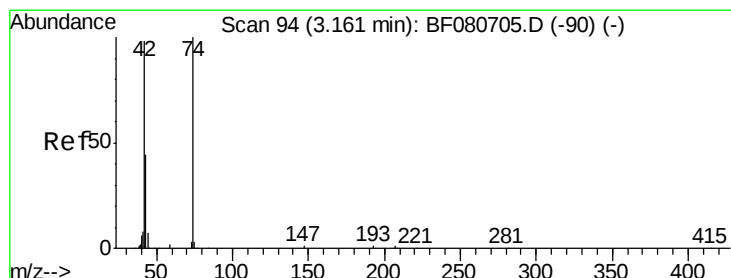
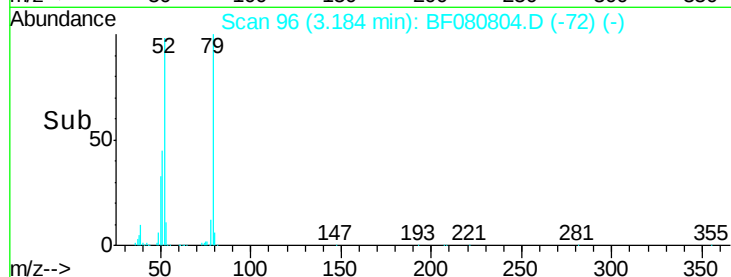
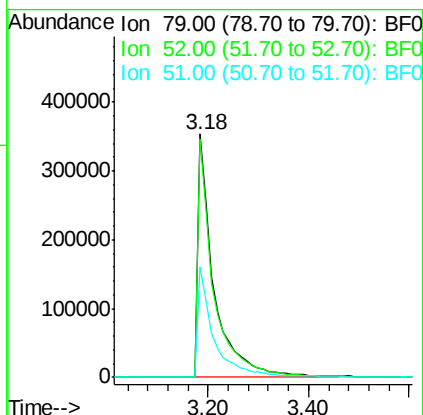
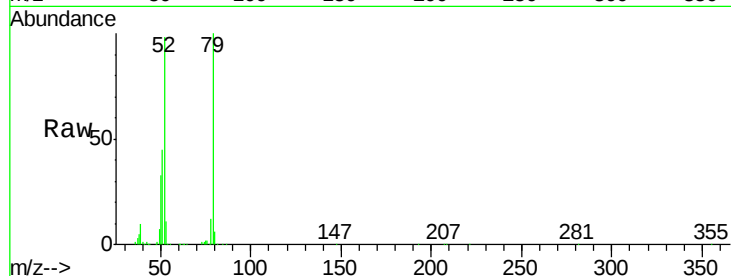
#3
 Pyridine
 Concen: 40.31 ng
 RT: 3.18 min Scan# 96
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
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 ClientSampleId :
 SSTDCCC040

Manual Integrations
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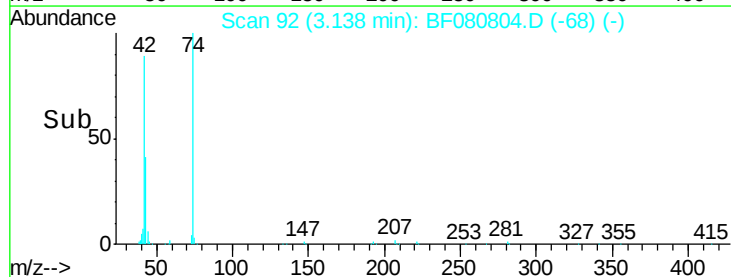
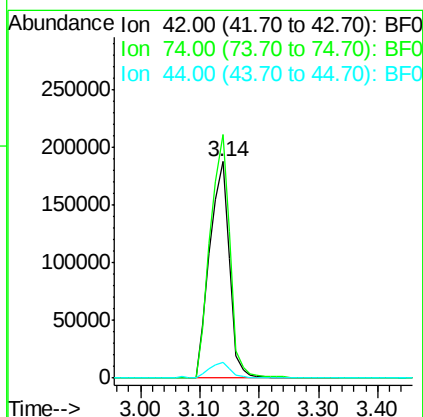
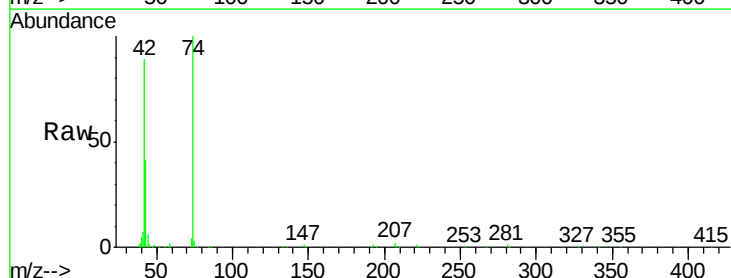
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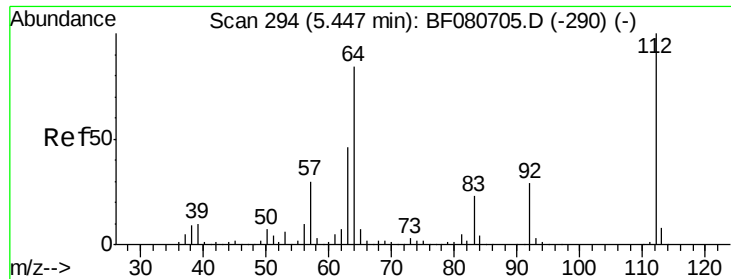
Tgt Ion	Ratio	Lower	Upper
79	100		
52	98.0	81.6	122.4
51	45.3	40.2	60.2



#4
 n-Nitrosodimethylamine
 Concen: 39.07 ng
 RT: 3.14 min Scan# 92
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.4	81.5	122.3
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 68.36 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF080804.D

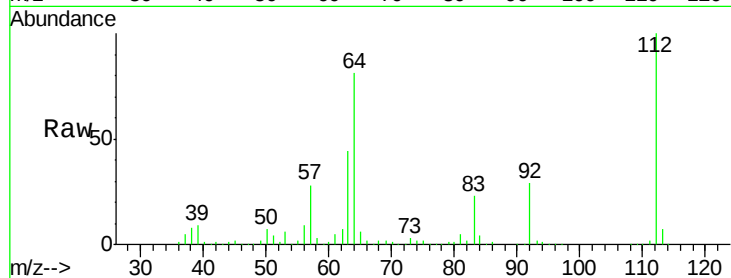
Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

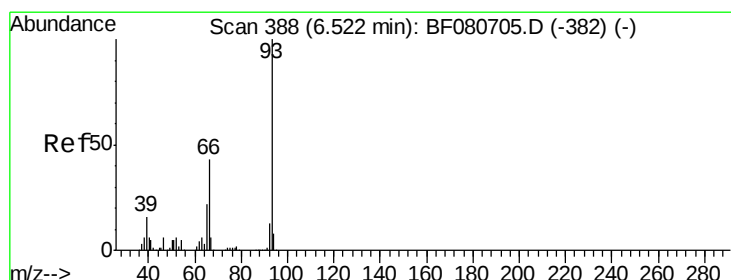
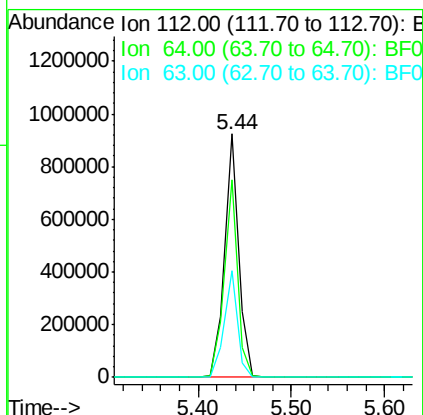
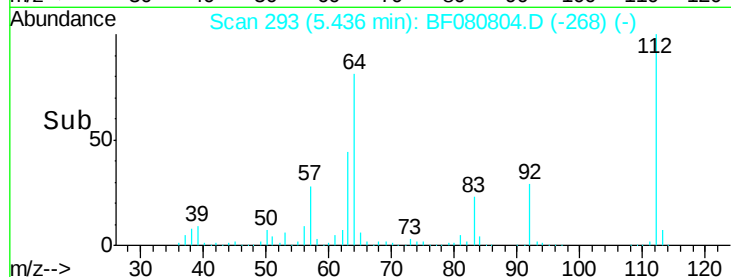
SSTDCCC040



Tgt Ion:	112	Resp:	976511
Ion Ratio	Lower	Upper	
112	100		
64	81.2	66.8	100.2
63	43.6	36.7	55.1

Manual Integrations
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8/3/2015 3:38:48 PM



#6

Aniline

Concen: 34.04 ng

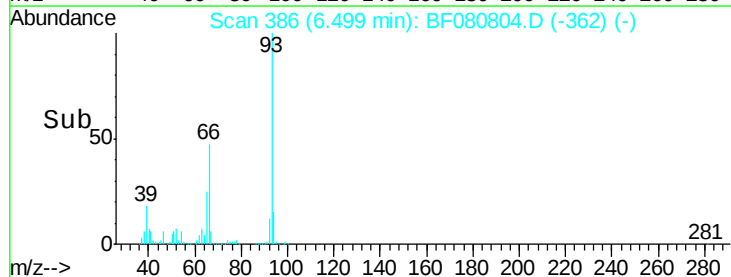
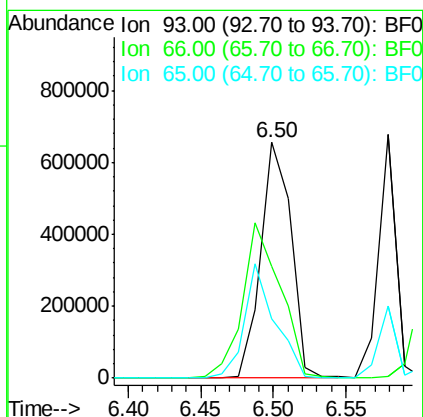
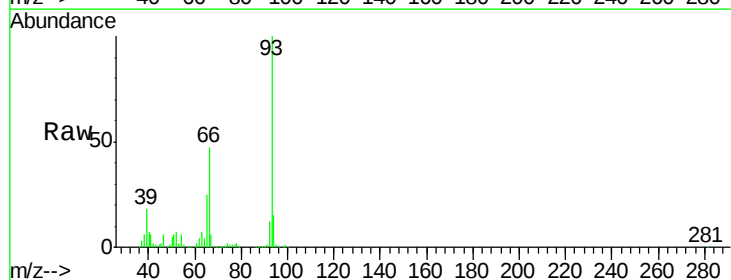
RT: 6.50 min Scan# 386

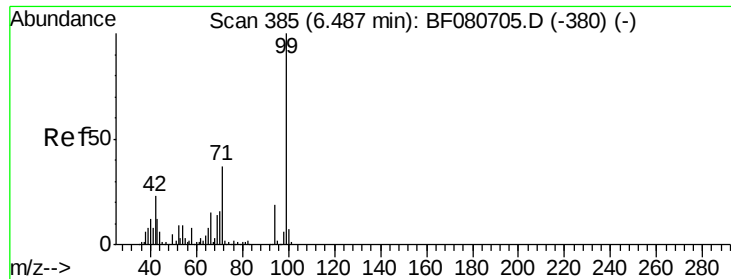
Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:	93	Resp:	953043
Ion Ratio	Lower	Upper	
93	100		
66	47.4	34.3	51.5
65	25.1	17.6	26.4





#7

Phenol-d6

Concen: 68.65 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1335058

Ion Ratio Lower Upper

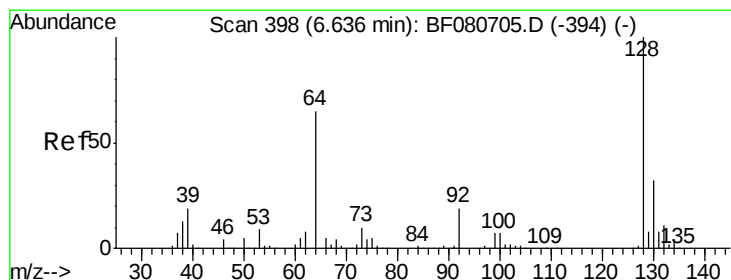
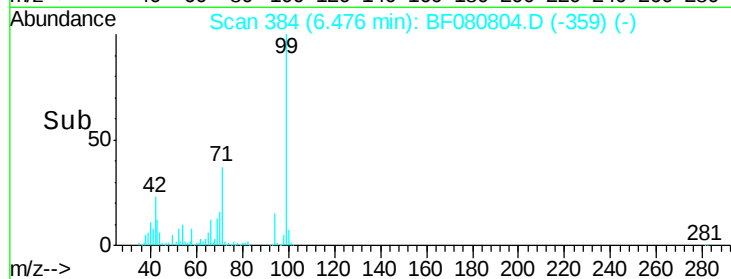
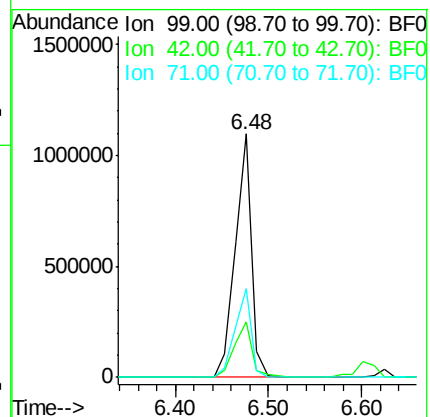
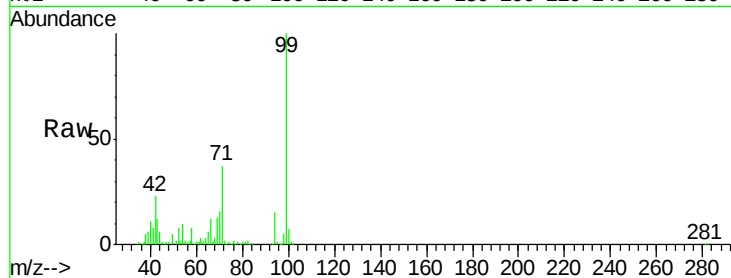
99 100

42 22.8 18.2 27.2

71 36.5 29.5 44.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.07 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

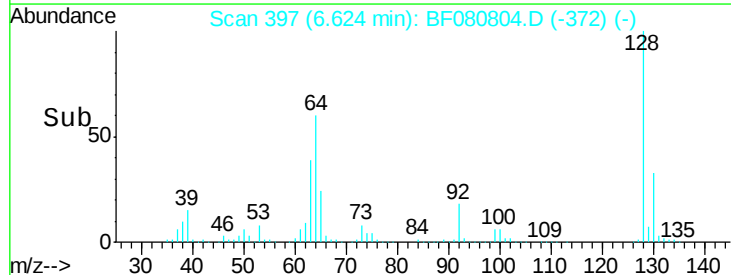
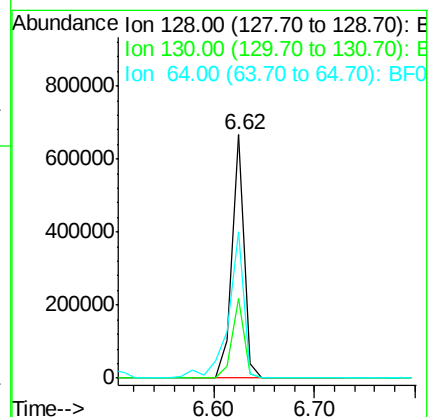
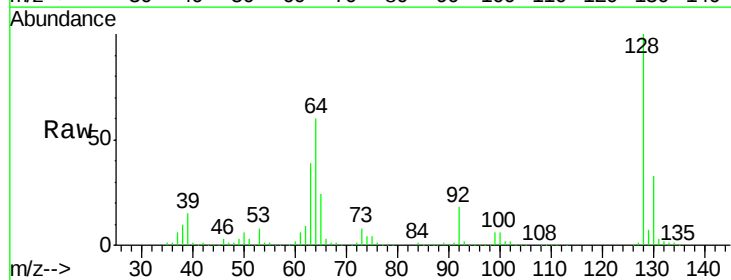
Tgt Ion: 128 Resp: 561618

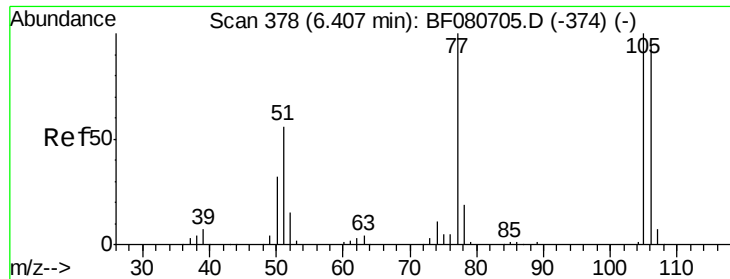
Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

64 60.3 48.7 88.7





#9

Benzaldehyde

Concen: 32.79 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

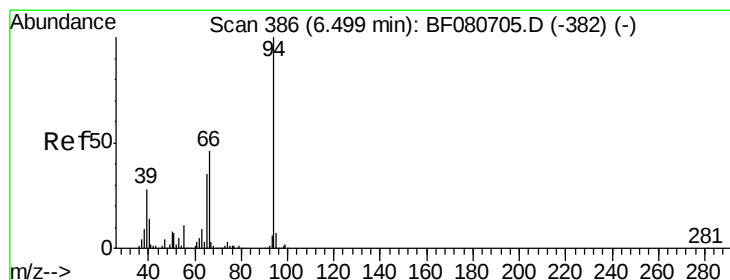
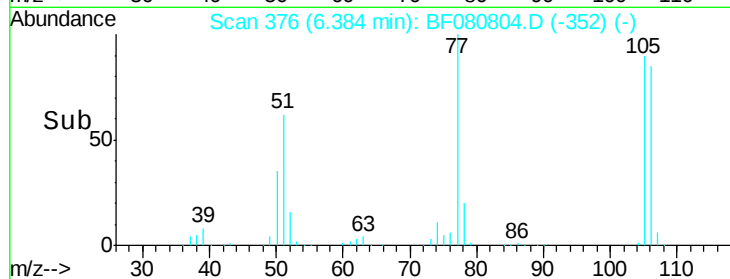
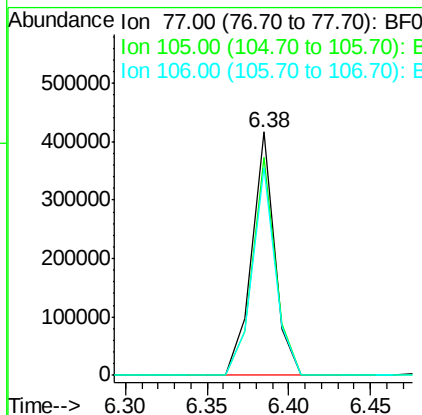
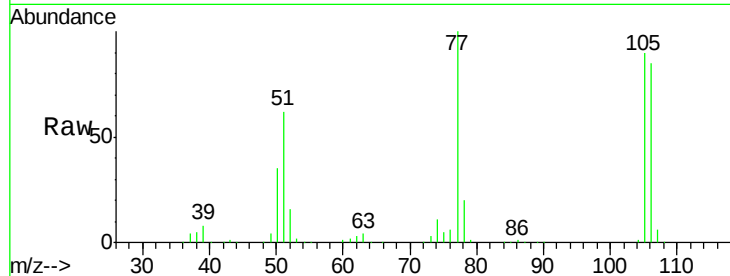
ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	409073
Ion	Ratio	Lower	Upper
77	100		
105	89.7	80.2	120.2
106	85.2	74.2	114.2

Manual Integrations
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8/3/2015 3:38:48 PM



#10

Phenol

Concen: 33.69 ng

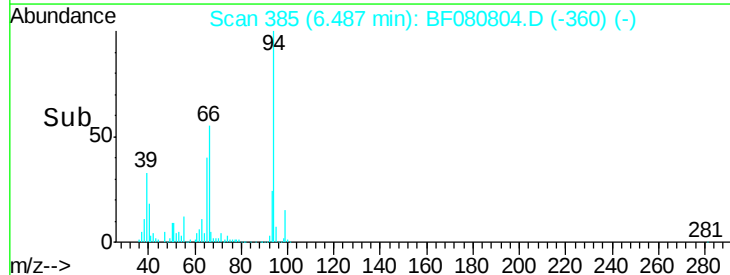
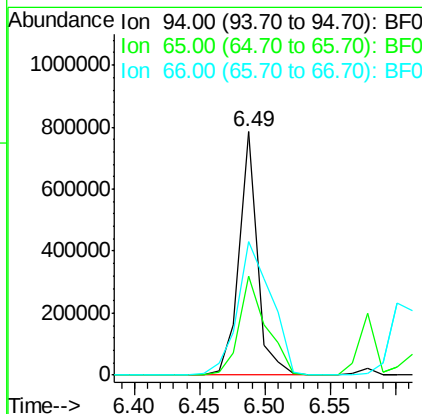
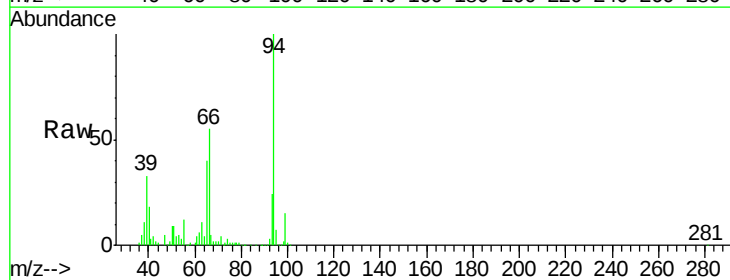
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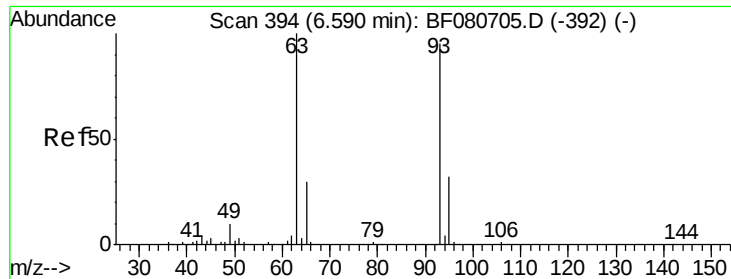
Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:	94	Resp:	758238
Ion	Ratio	Lower	Upper
94	100		
65	40.4	14.7	54.7
66	54.9	25.9	65.9





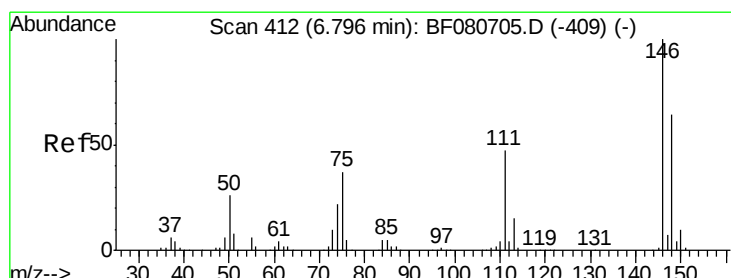
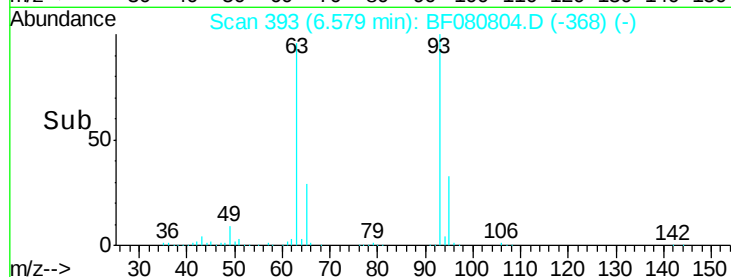
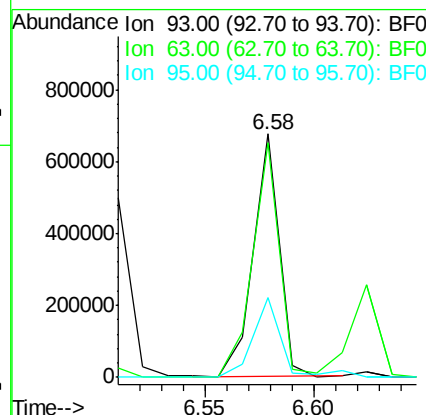
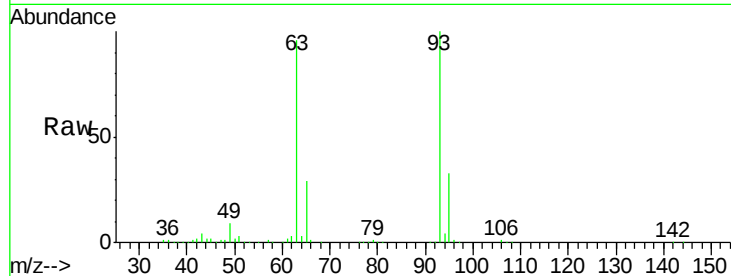
#11
bis(2-Chloroethyl)ether
Concen: 34.58 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	555919		
63	96.3	85.3	125.3	
95	32.7	13.3	53.3	

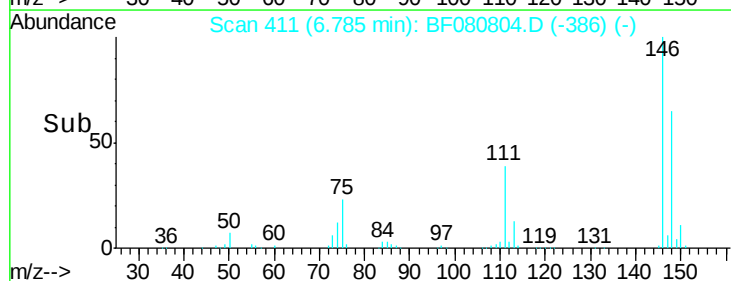
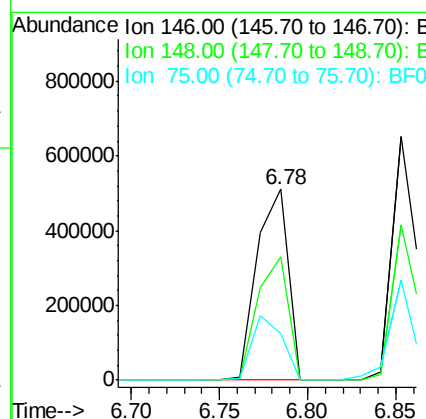
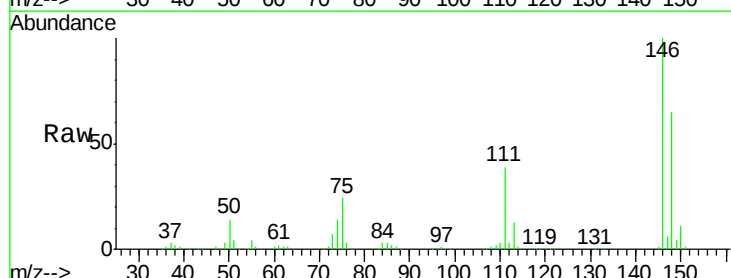
Manual Integrations
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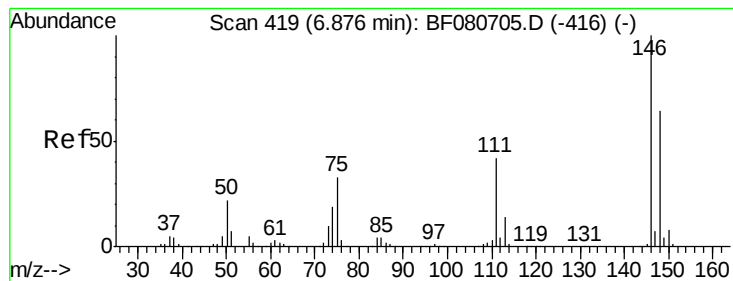
MMDadoda
8/3/2015 3:38:48 PM



#12
1,3-Dichlorobenzene
Concen: 35.15 ng m
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	626652		
148	64.9	51.0	76.6	
75	24.5	29.4	44.0	





#13

1,4-Dichlorobenzene

Concen: 35.04 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

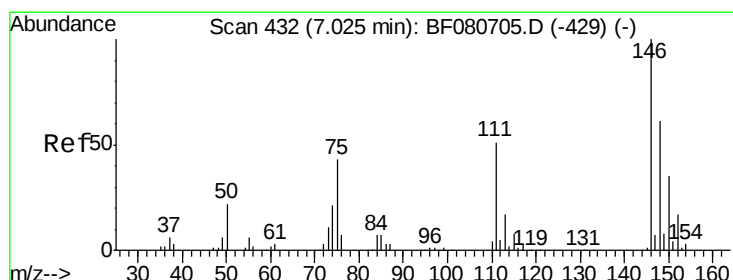
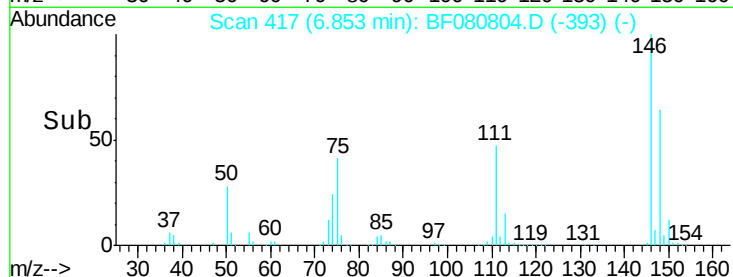
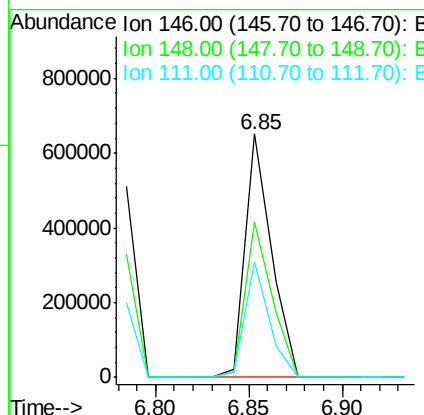
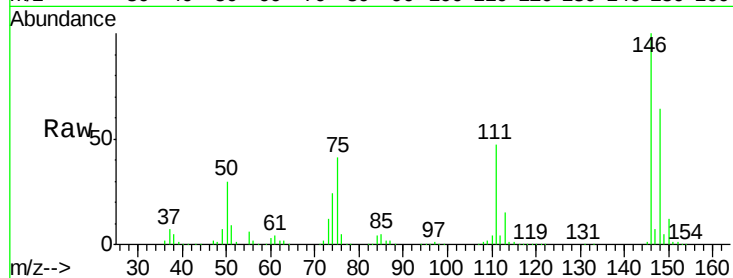
ClientSampleId :

SSTDCCC040

Tgt Ion:	146	Resp:	637201
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.4	77.2
111	47.3	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 38.32 ng

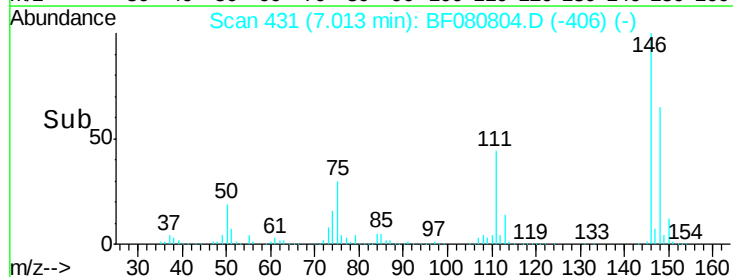
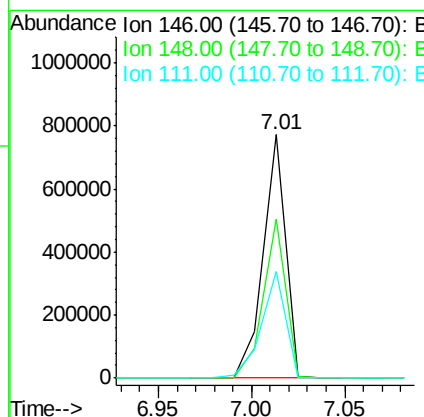
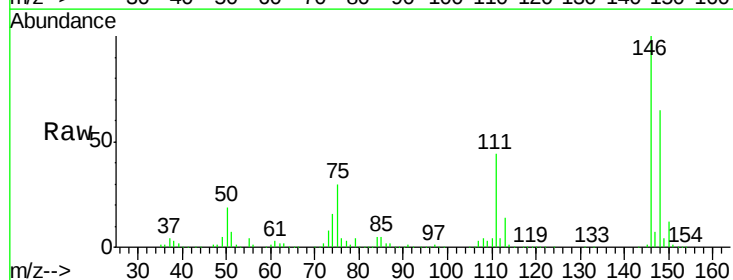
RT: 7.01 min Scan# 431

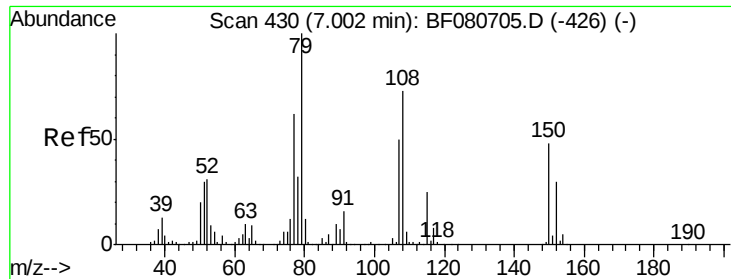
Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:	146	Resp:	637042
Ion Ratio	Lower	Upper	
146	100		
148	65.1	49.2	73.8
111	43.8	41.0	61.4





#15

Benzyl Alcohol

Concen: 31.15 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

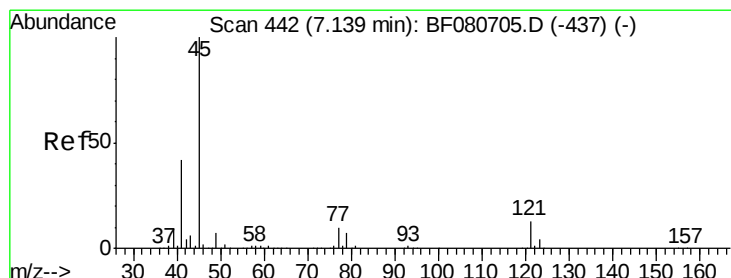
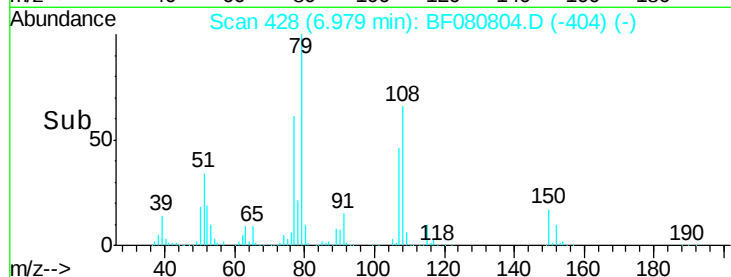
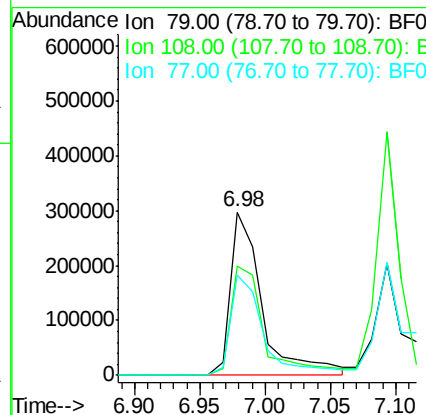
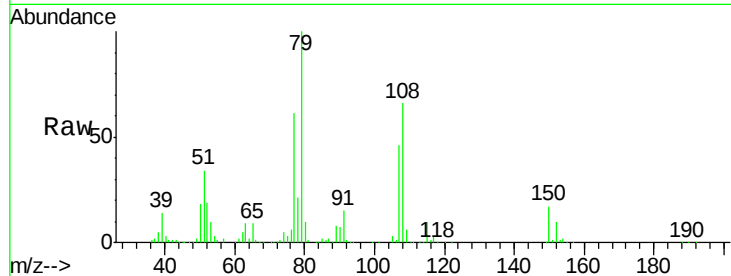
ClientSampleId :

SSTDCCC040

Tgt Ion:	79	Resp:	503138
Ion Ratio	Lower	Upper	
79	100		
108	66.4	58.7	88.1
77	61.3	49.8	74.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.12 ng

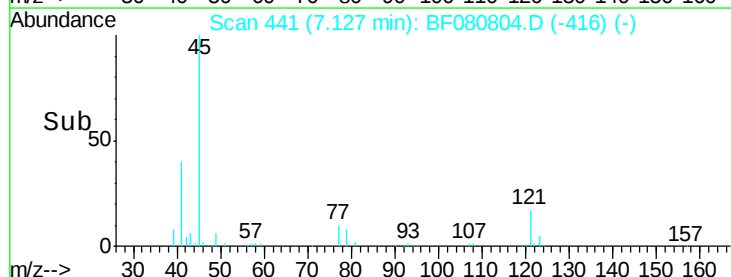
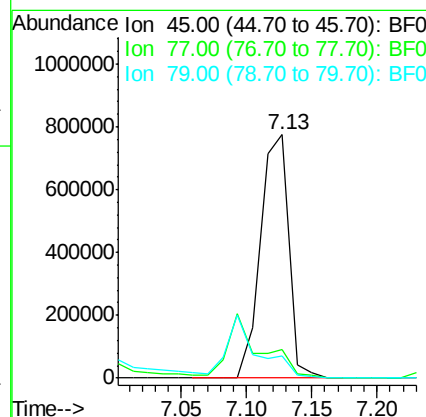
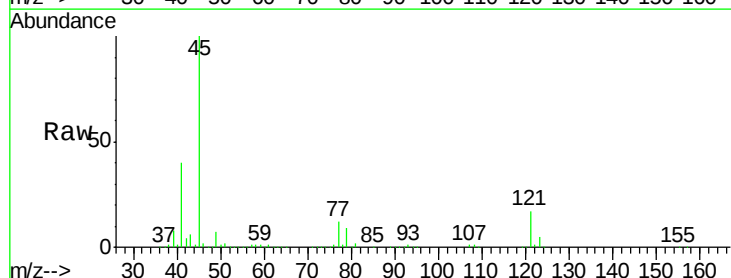
RT: 7.13 min Scan# 441

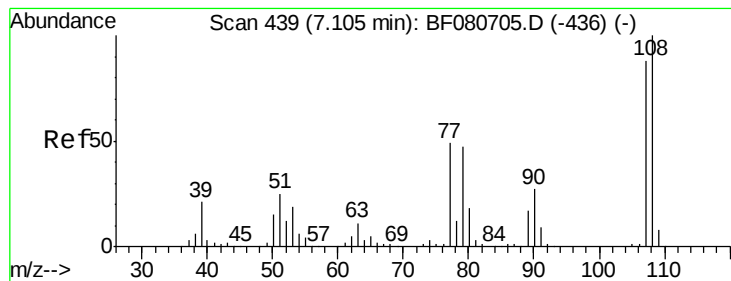
Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:	45	Resp:	1171903
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	29.9
79	9.4	0.0	27.4





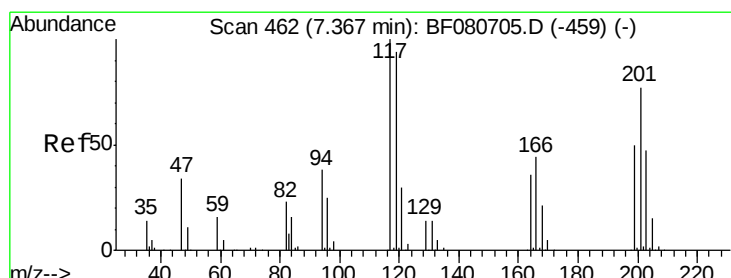
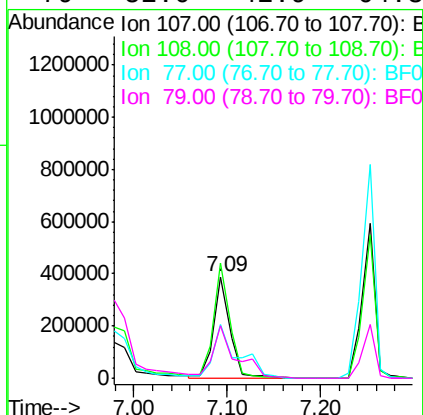
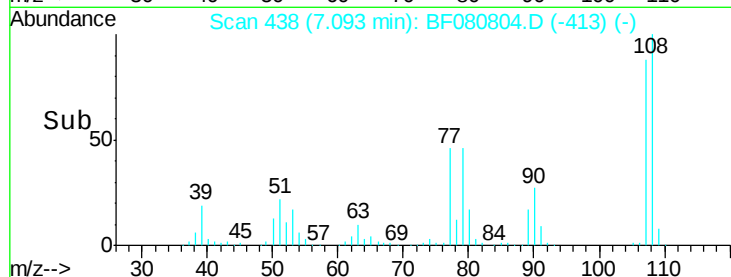
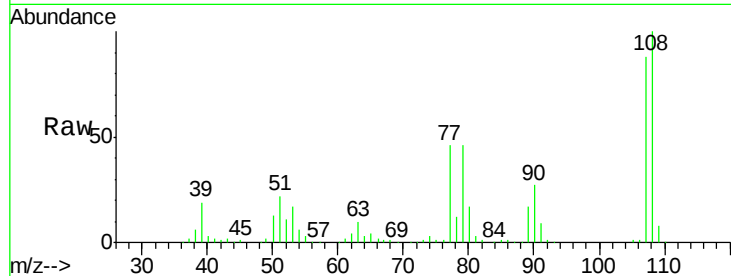
#17
2-Methylphenol
Concen: 36.37 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	477992		
108	113.9	90.8	136.2	
77	52.8	44.6	67.0	
79	52.0	42.9	64.3	

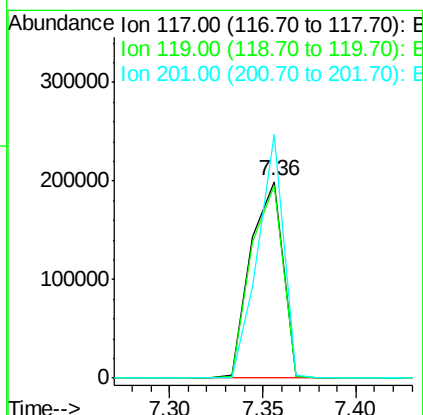
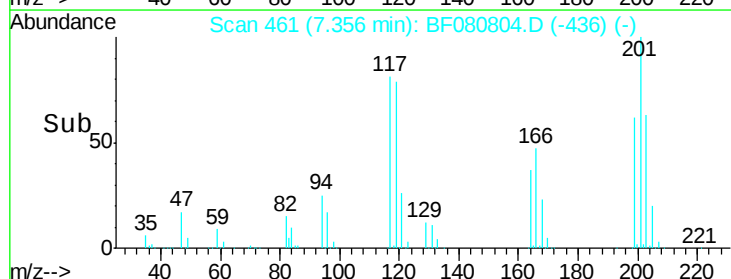
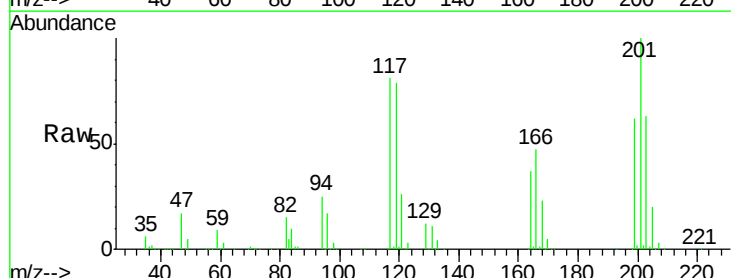
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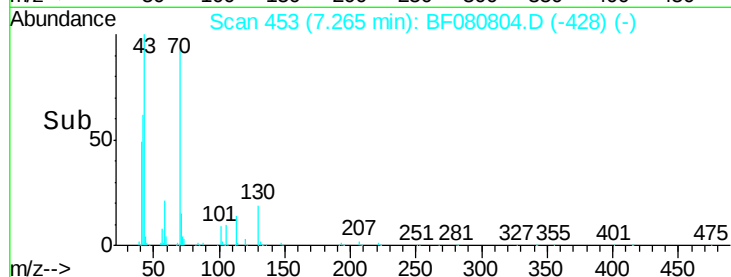
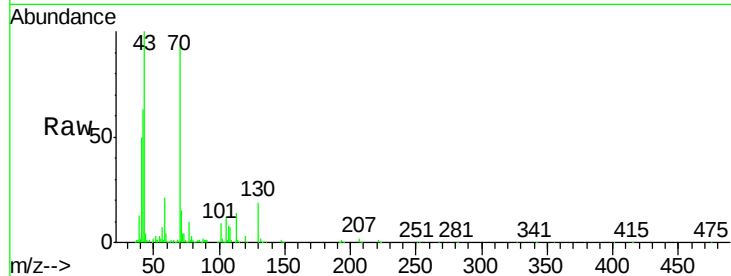
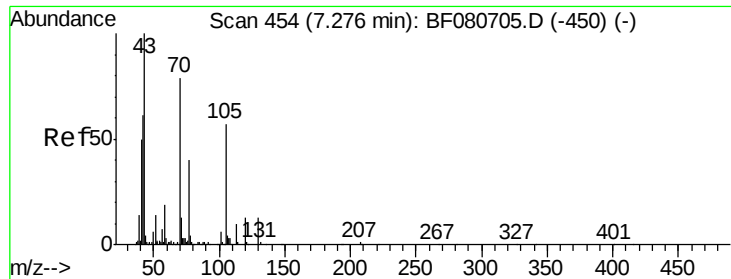
MMDadoda
8/3/2015 3:38:48 PM



#18
Hexachloroethane
Concen: 35.08 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	238096		
119	97.7	74.9	112.3	
201	123.7	61.5	92.3#	





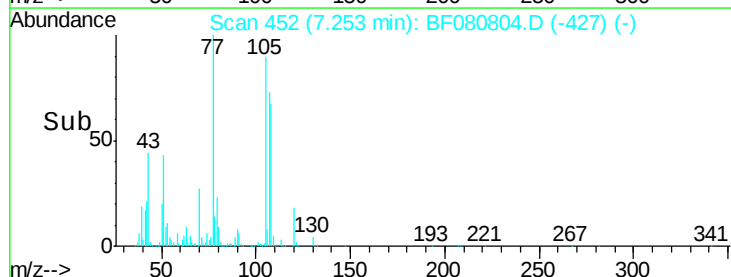
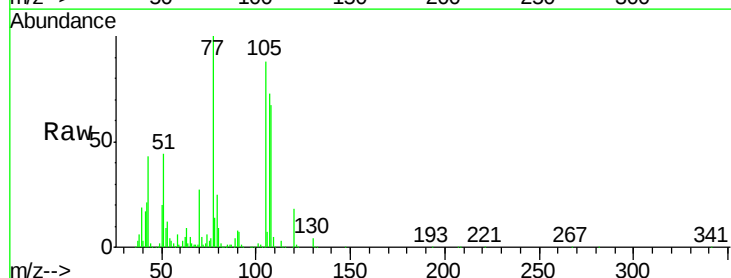
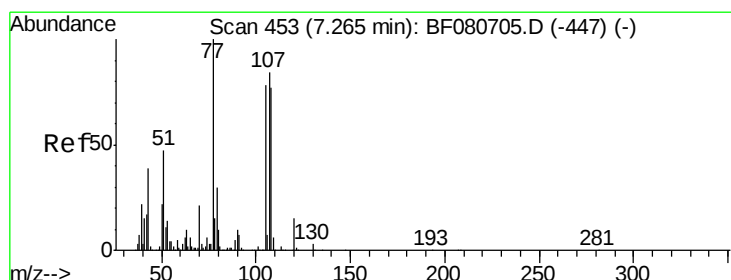
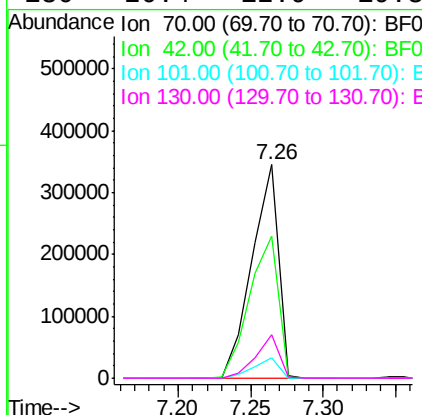
#19
n-Nitroso-di-n-propylamine
Concen: 33.62 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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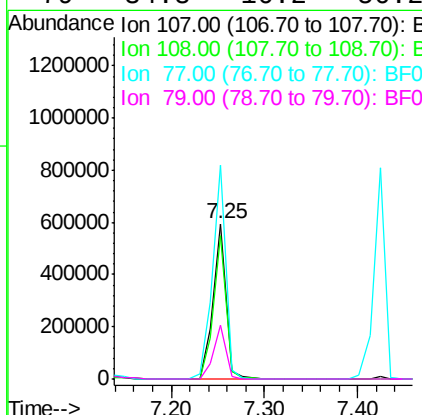
MMDadoda
8/3/2015 3:38:48 PM

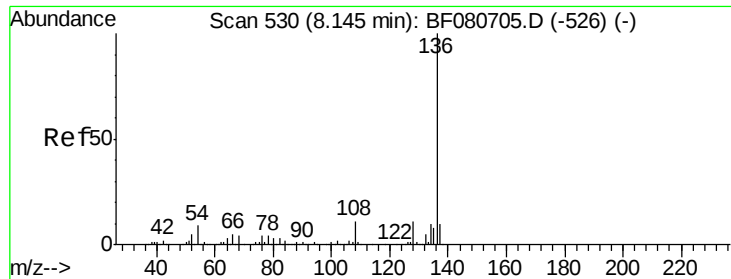
Tgt Ion	Ratio	Lower	Upper
70	100		
42	66.5	61.8	92.6
101	9.6	6.1	9.1#
130	20.4	12.9	19.3#



#20
3+4-Methylphenols
Concen: 35.23 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.8	111.8
77	137.7	99.8	139.8
79	34.8	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

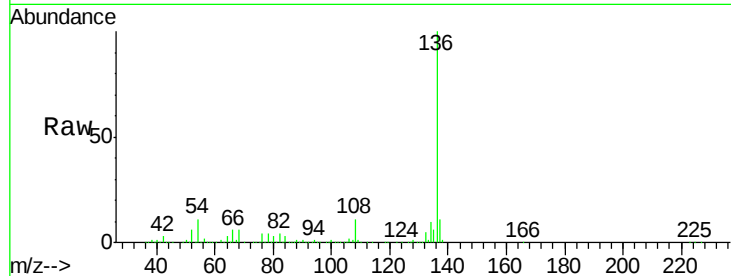
ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	911460		
137	11.1	8.4	12.6	
54	11.5	6.9	10.3#	
68	6.4	3.5	5.3#	

Manual Integrations
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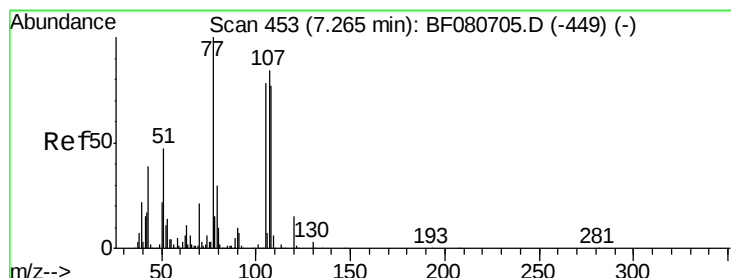
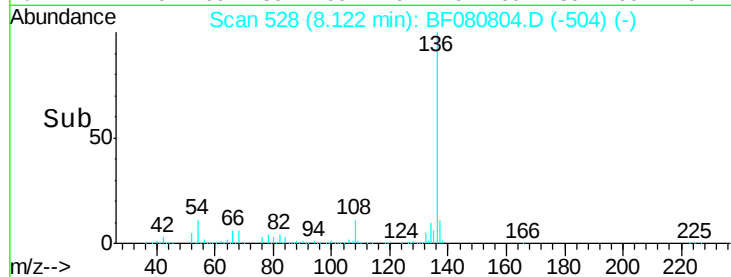
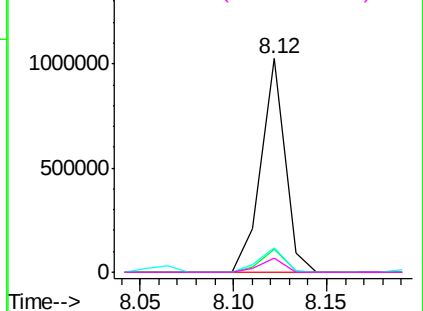
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.18 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	707929		
71	5.2	3.4	5.0#	
51	49.7	47.9	71.9	
120	20.3	15.0	22.6	

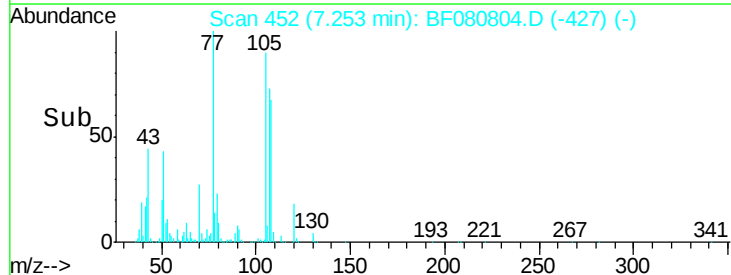
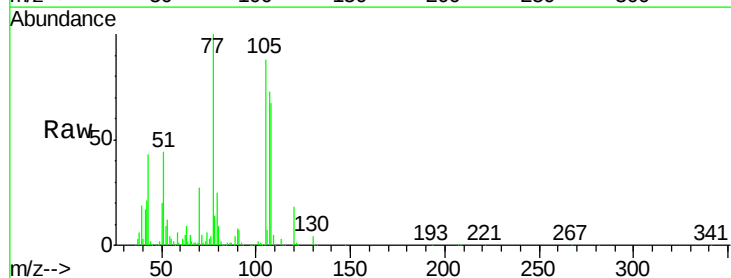
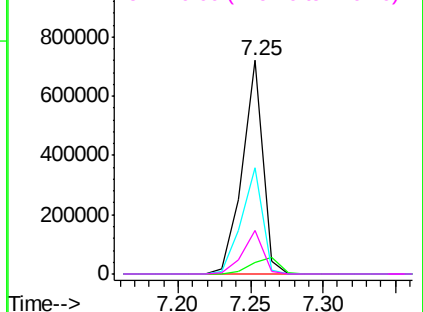
Abundance

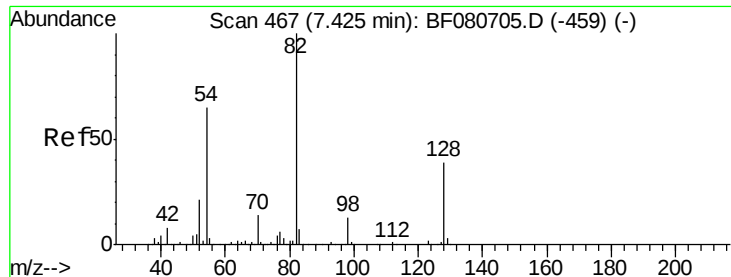
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





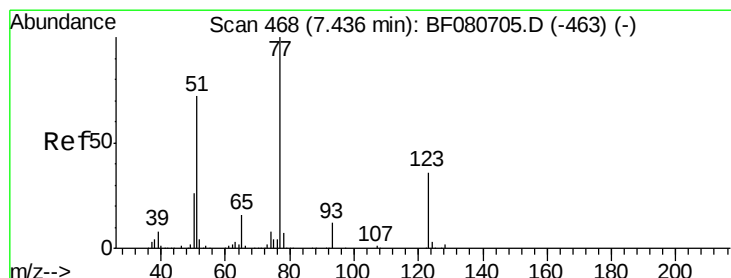
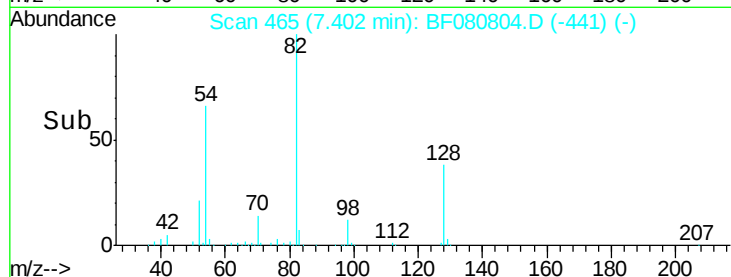
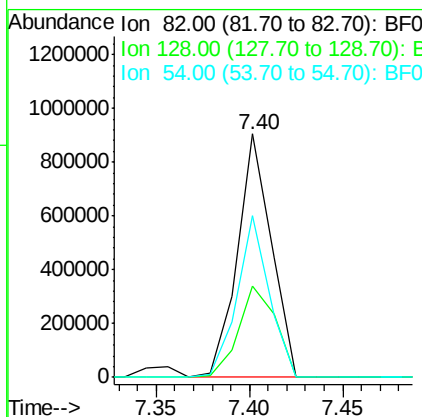
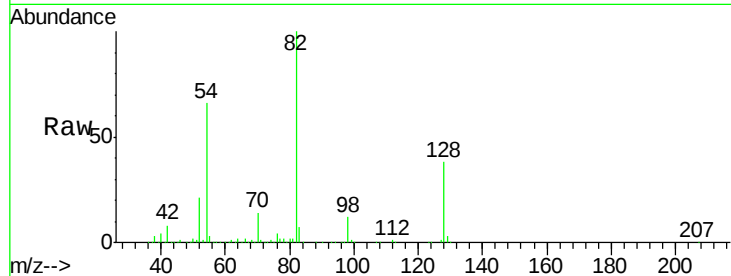
#23
 Nitrobenzene-d5
 Concen: 60.77 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 1143885
 Ion Ratio Lower Upper
 82 100
 128 37.5 31.5 47.3
 54 66.2 51.8 77.8

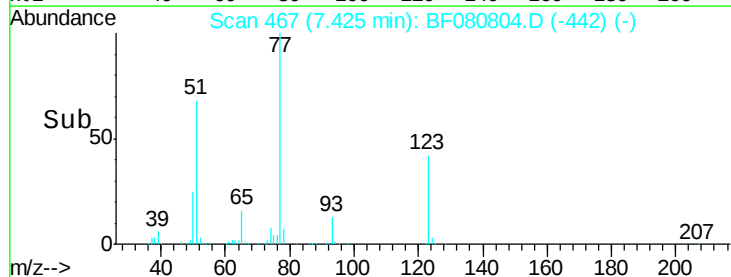
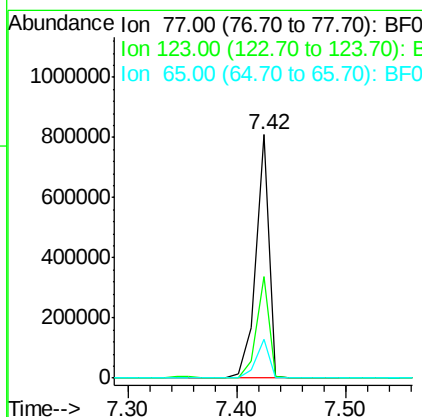
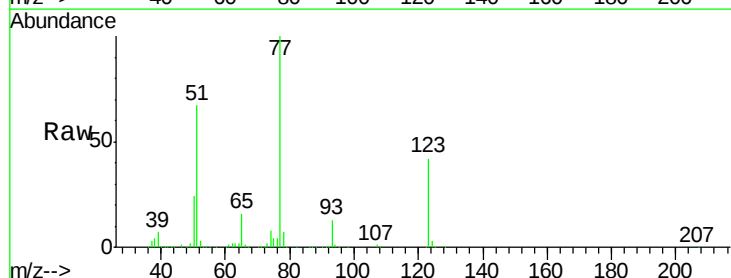
Manual Integrations
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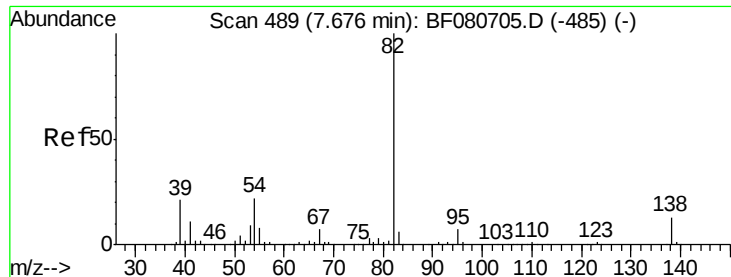
MMDadoda
 8/3/2015 3:38:48 PM



#24
 Nitrobenzene
 Concen: 36.32 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion: 77 Resp: 684821
 Ion Ratio Lower Upper
 77 100
 123 41.7 28.9 43.3
 65 15.9 13.0 19.4





#25

Isophorone

Concen: 35.46 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

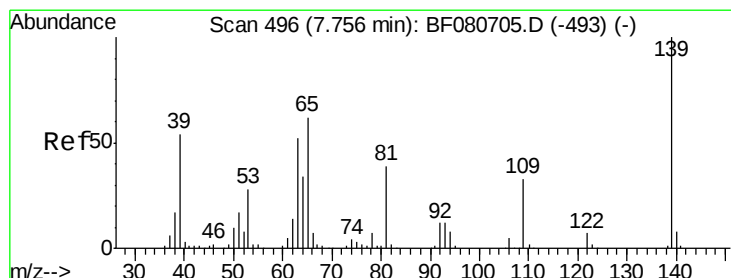
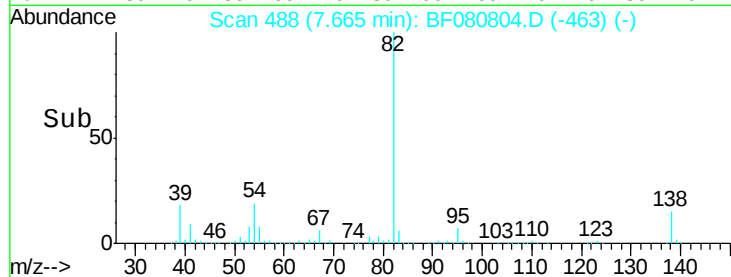
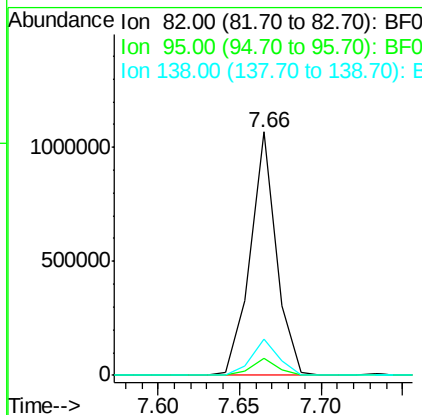
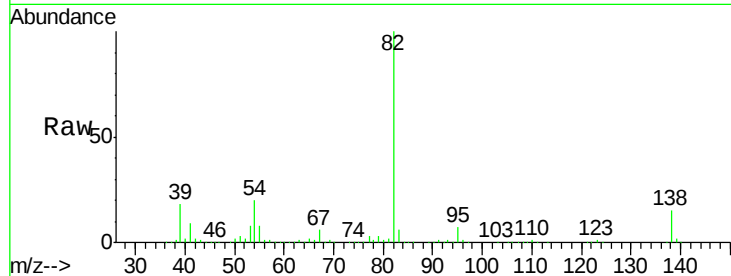
SSTDCCC040

Tgt Ion: 82 Resp: 1187002

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	14.7	10.7	16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.98 ng

RT: 7.73 min Scan# 494

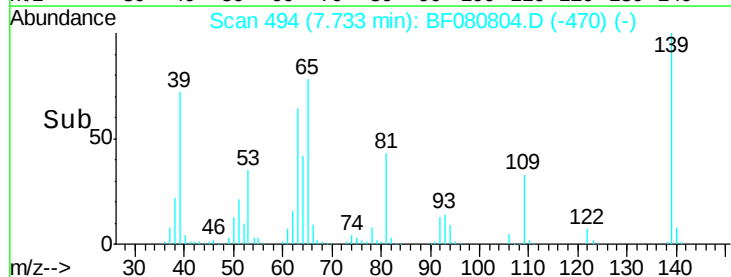
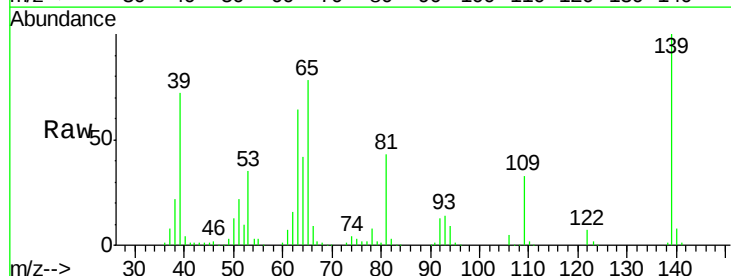
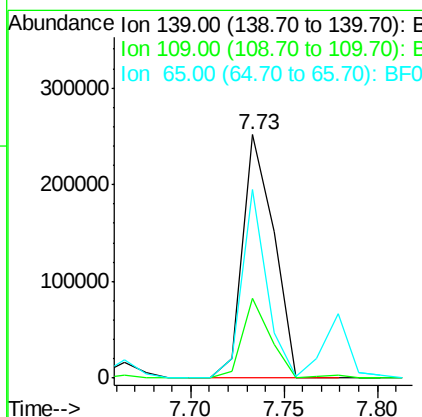
Delta R.T. -0.02 min

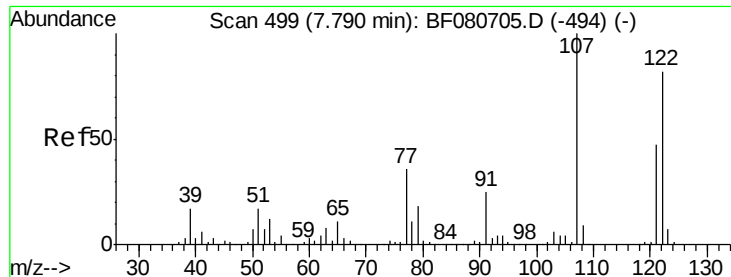
Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion: 139 Resp: 290744

Ion	Ratio	Lower	Upper
139	100		
109	32.5	26.5	39.7
65	77.5	49.8	74.8





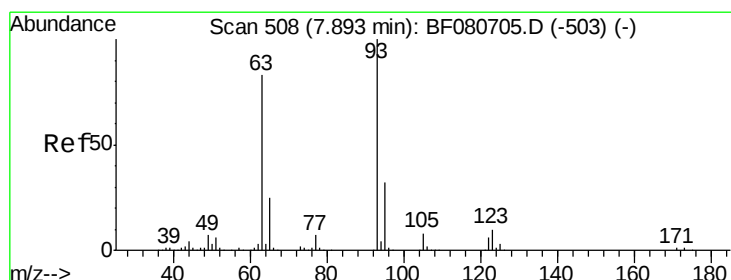
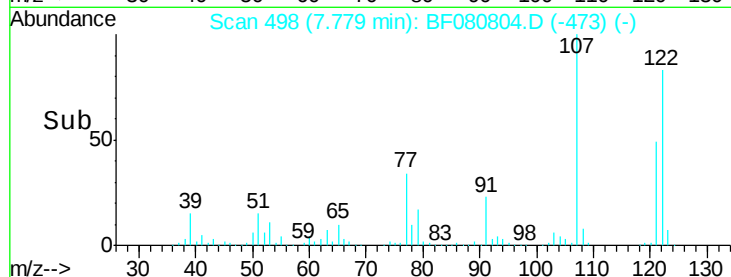
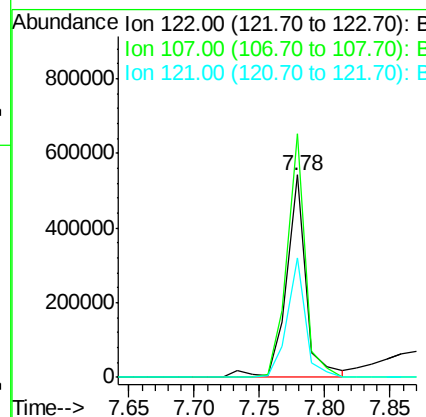
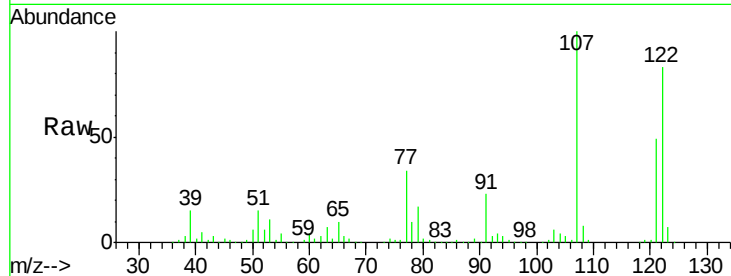
#27
 2,4-Dimethylphenol
 Concen: 40.12 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	576854		
107	120.3	98.1	147.1	
121	59.0	45.8	68.8	

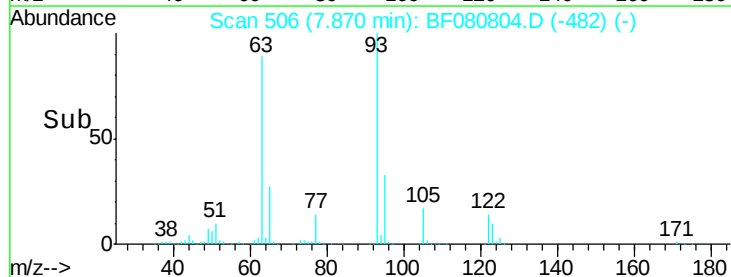
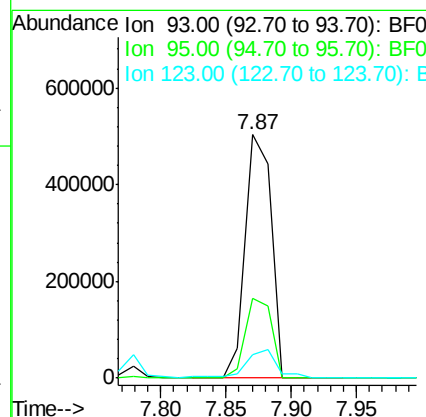
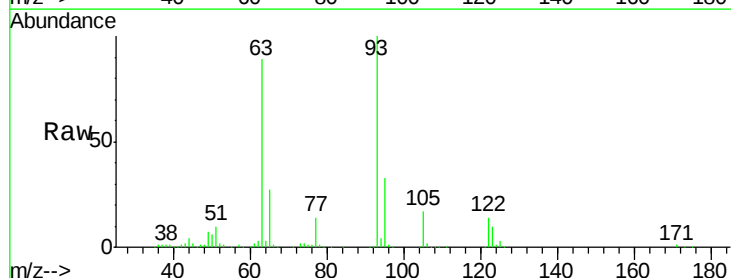
Manual Integrations
 APPROVED

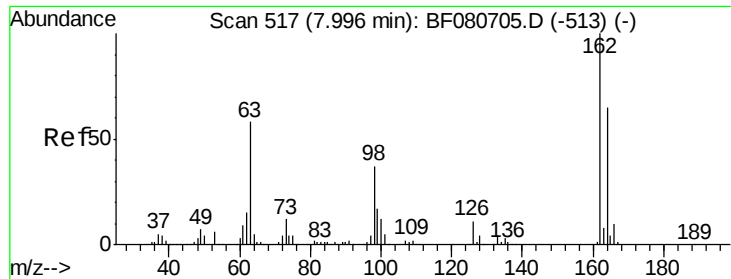
MMDadoda
 8/3/2015 3:38:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.94 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	692761		
95	32.7	26.0	39.0	
123	9.9	8.2	12.4	





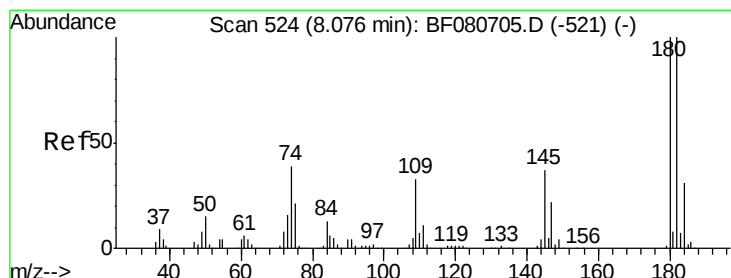
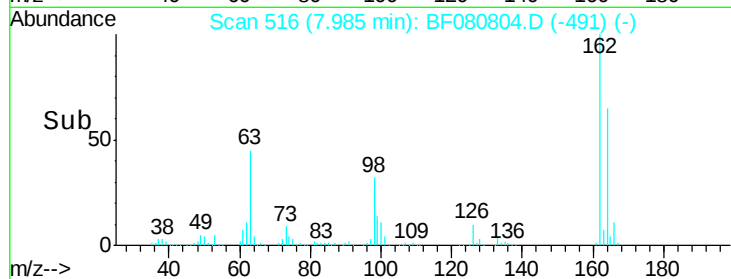
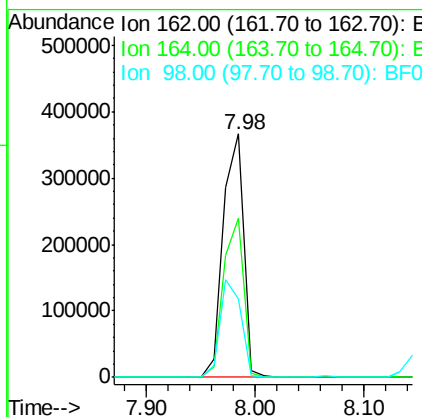
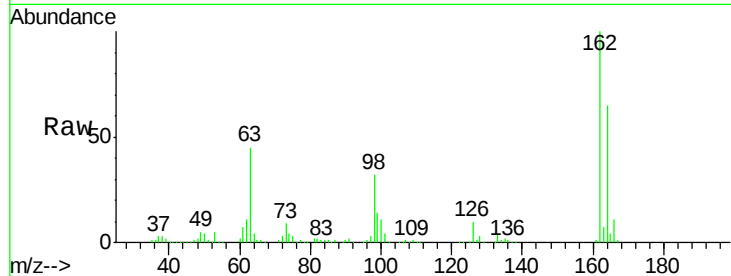
#29
 2,4-Dichlorophenol
 Concen: 37.32 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	477033		
164	65.3	45.1	85.1	
98	32.1	17.0	57.0	

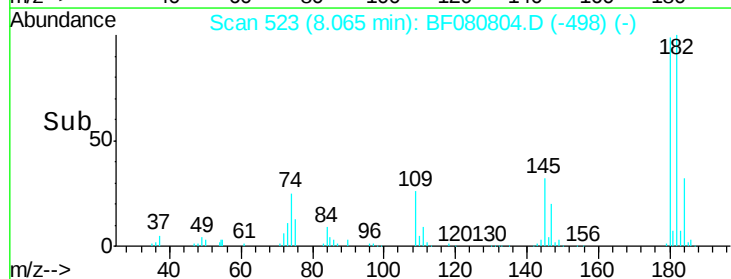
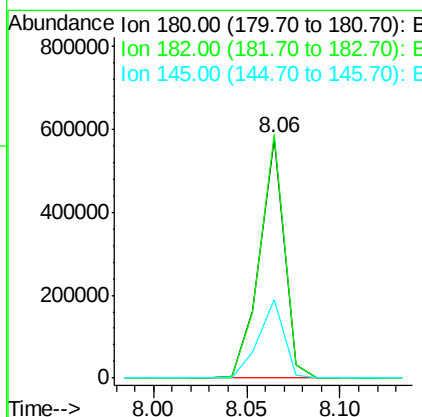
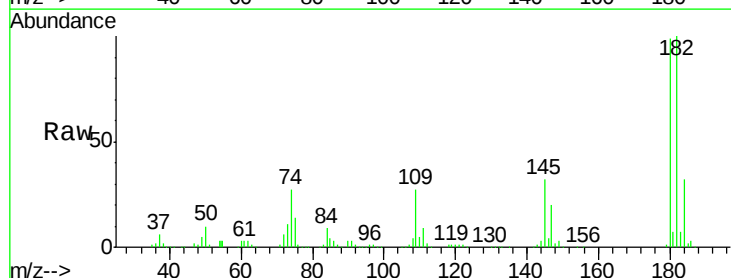
Manual Integrations
 APPROVED

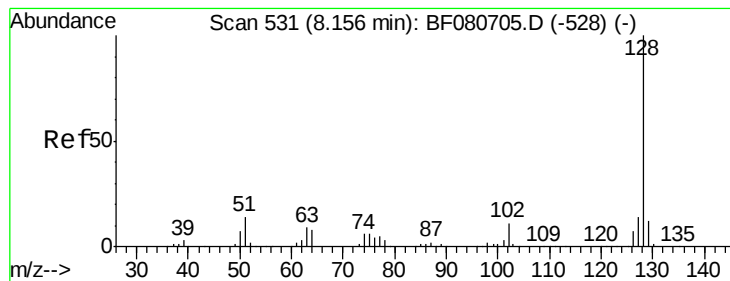
MMDadoda
 8/3/2015 3:38:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.17 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	532035		
182	101.5	79.8	119.8	
145	32.5	29.8	44.6	





#31

Naphthalene

Concen: 37.44 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 1703285

Ion Ratio Lower Upper

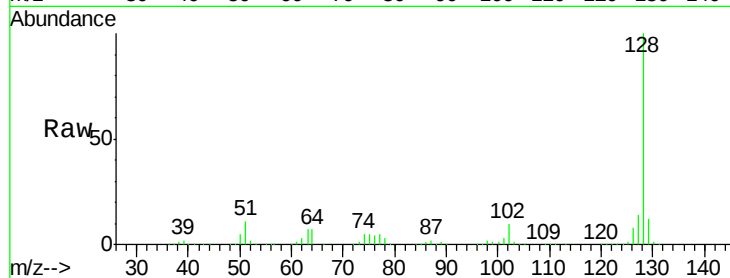
128 100

129 11.9 9.5 14.3

127 14.3 11.0 16.6

Manual Integrations
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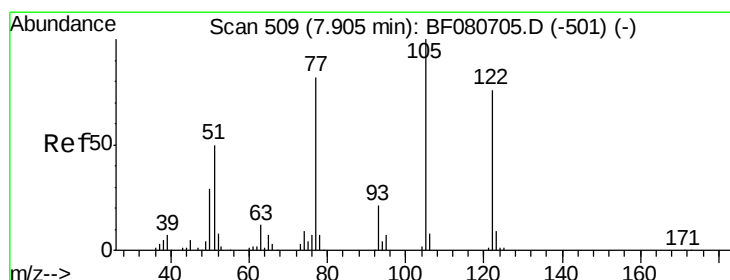
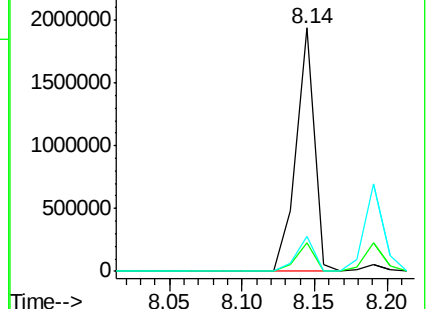
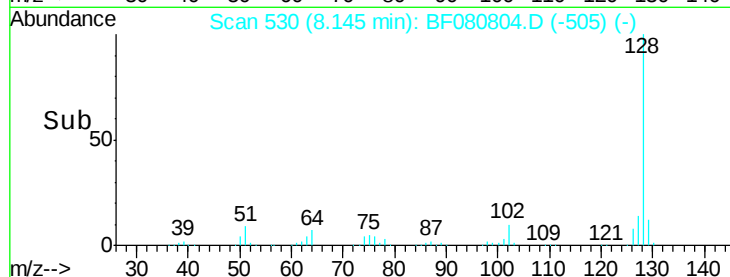
MMDadoda
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.76 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

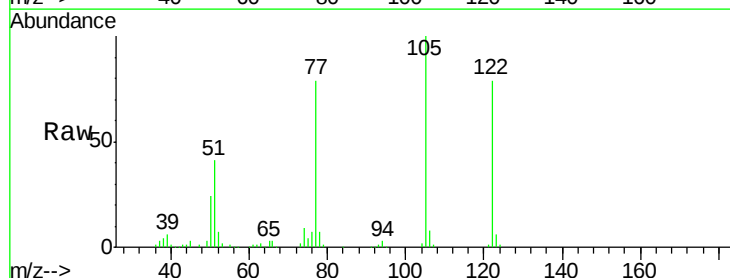
Tgt Ion:122 Resp: 400320

Ion Ratio Lower Upper

122 100

105 126.1 111.3 151.3

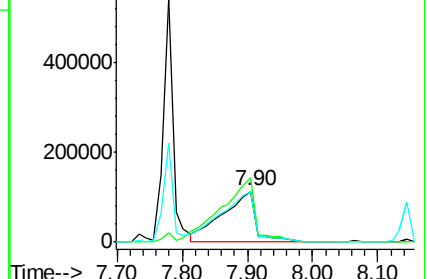
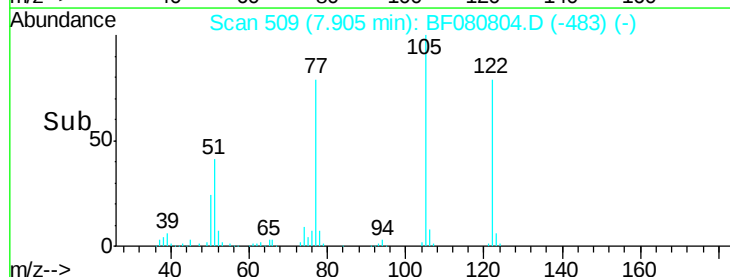
77 99.3 88.1 128.1

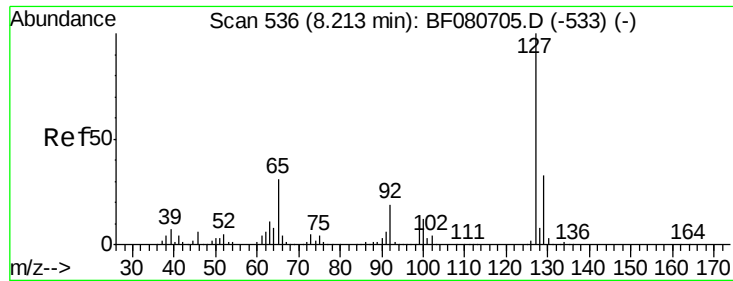


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





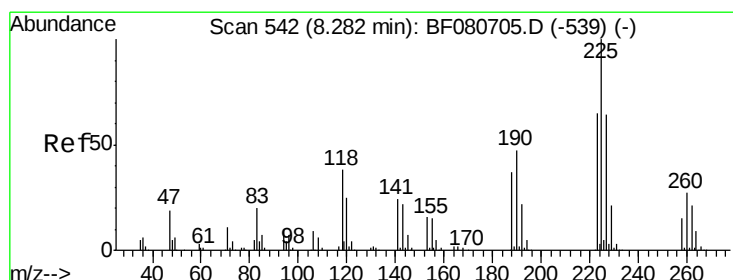
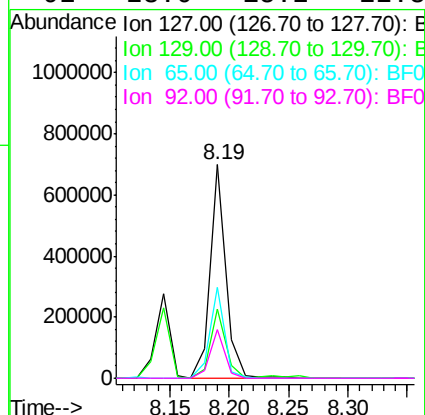
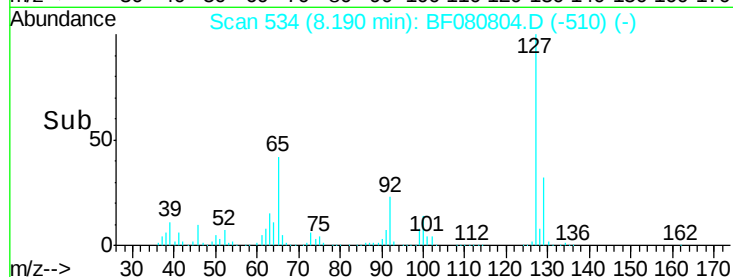
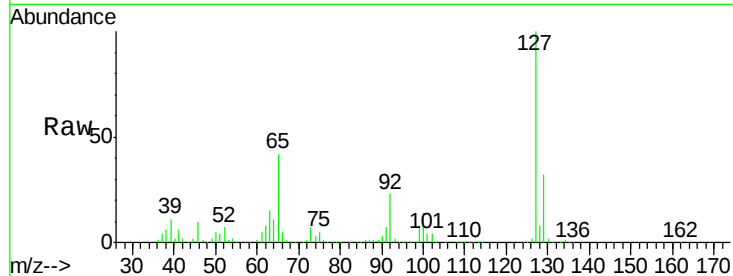
#33
4-Chloroaniline
Concen: 33.53 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	643638		
129	32.1	26.7	40.1	
65	42.3	24.5	36.7	
92	23.0	15.2	22.8	

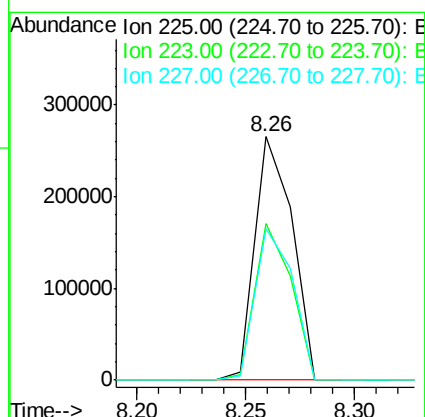
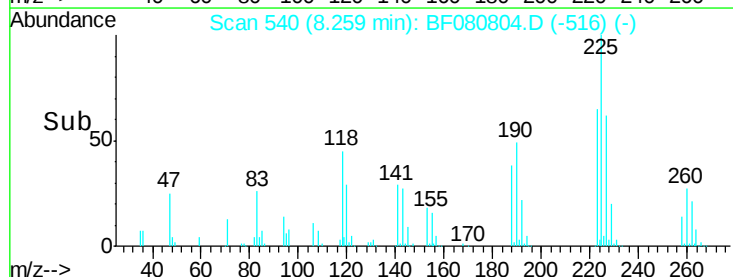
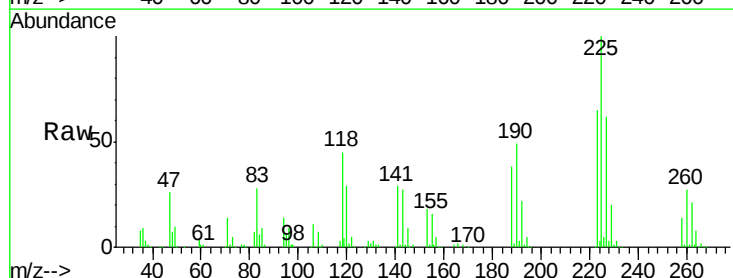
Manual Integrations
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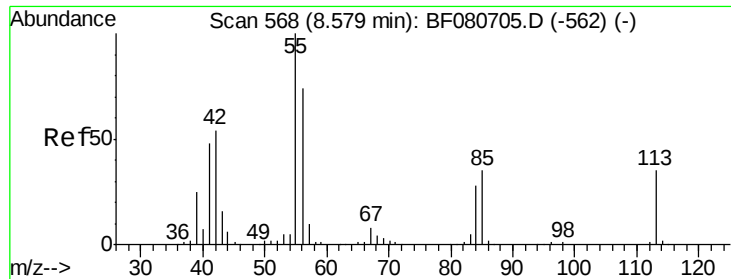
MMDadoda
8/3/2015 3:38:48 PM



#34
Hexachlorobutadiene
Concen: 35.28 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	317456		
223	64.5	51.7	77.5	
227	62.1	51.0	76.4	





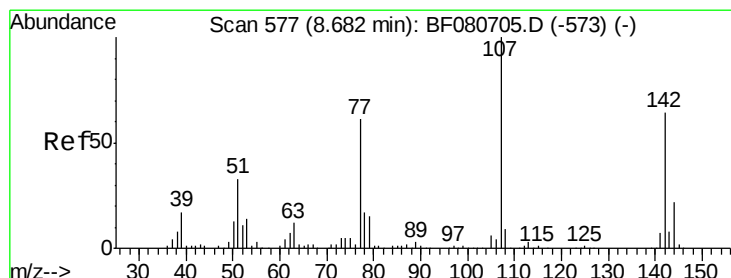
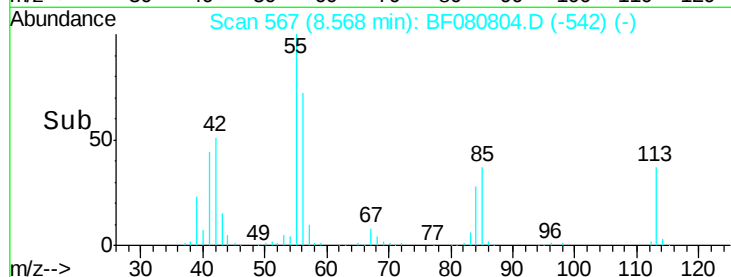
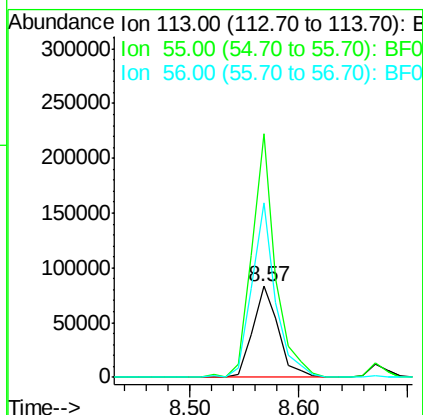
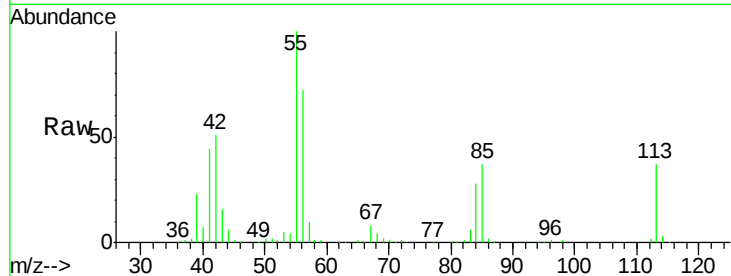
#35
 Caprolactam
 Concen: 35.77 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	267.5	269.3	309.3#	
56	192.3	193.3	233.3#	

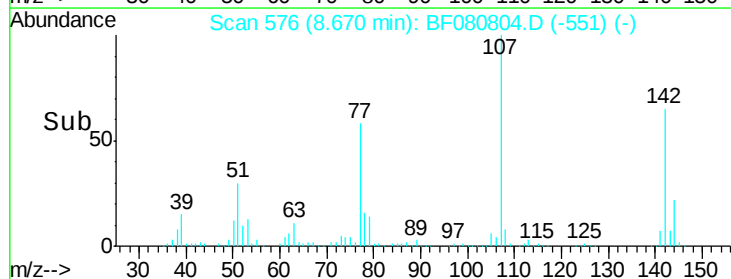
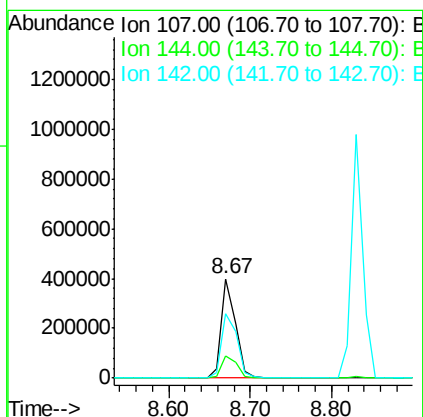
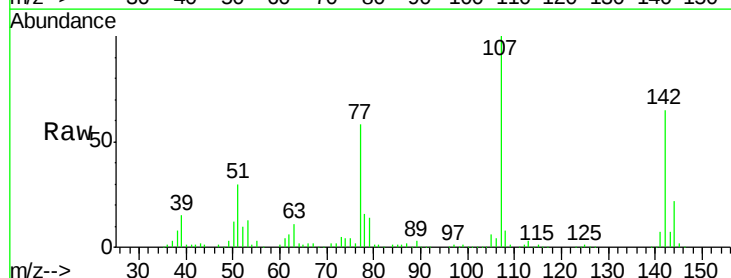
Manual Integrations
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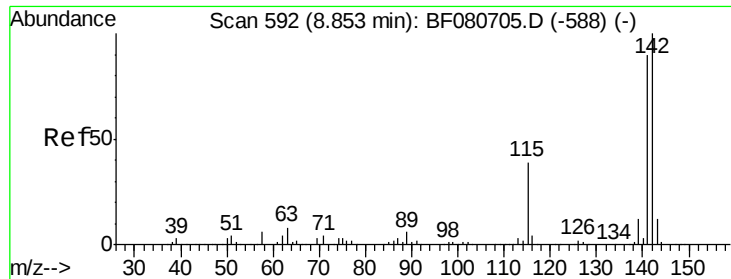
MMDadoda
 8/3/2015 3:38:48 PM



#36
 4-Chloro-3-methylphenol
 Concen: 34.71 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	22.1	17.2	25.8	
142	64.8	51.2	76.8	





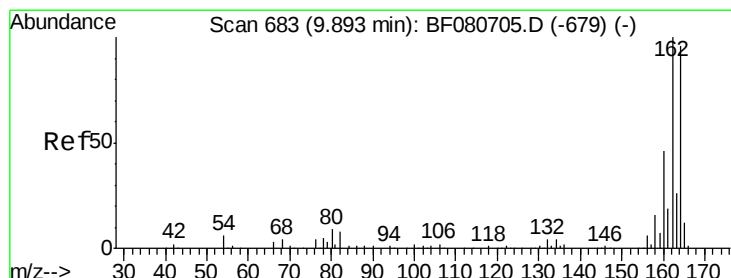
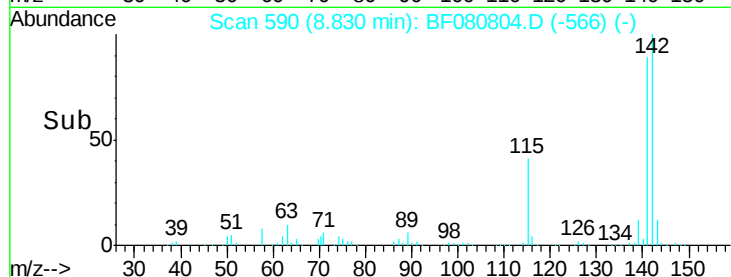
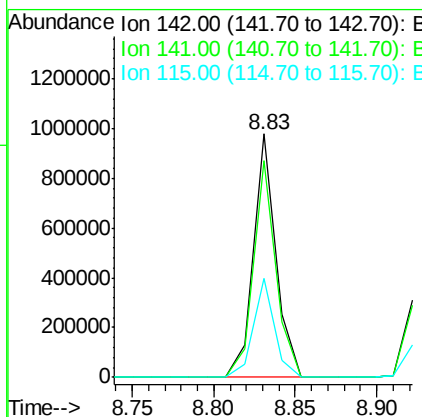
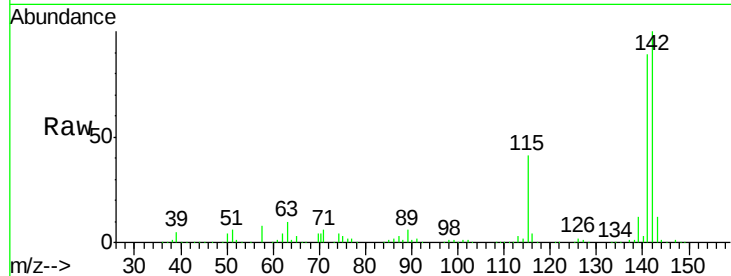
#37
2-Methylnaphthalene
Concen: 32.70 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	933761		
141	88.9	71.9	107.9	
115	40.6	31.4	47.2	

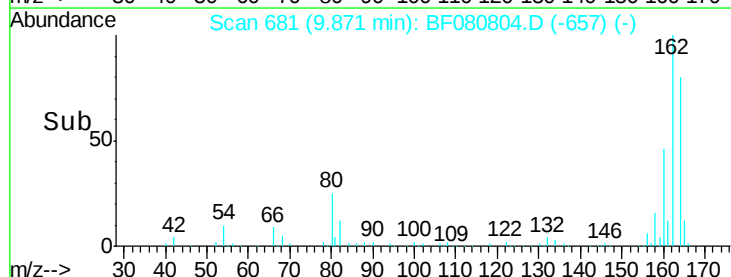
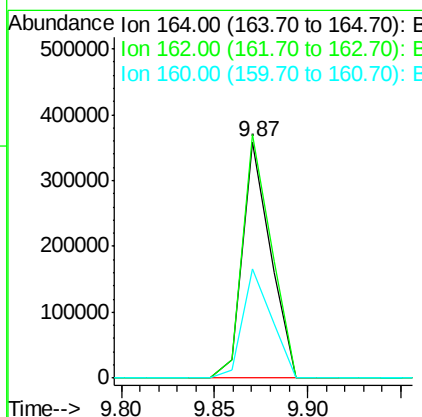
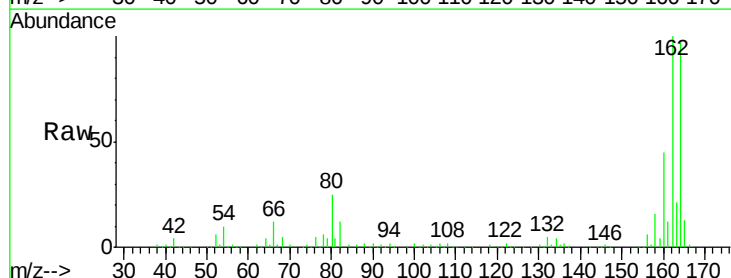
Manual Integrations
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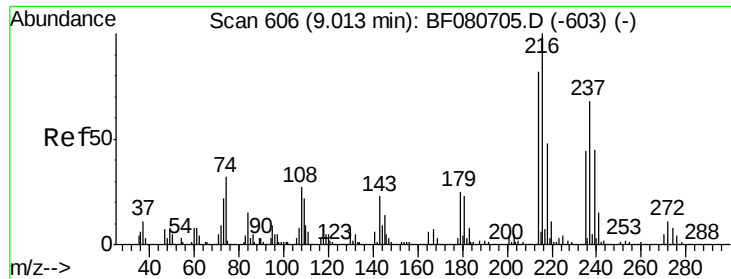
MMDadoda
8/3/2015 3:38:48 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	375418		
162	103.2	83.4	125.0	
160	46.5	38.0	57.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.89 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF080804.D

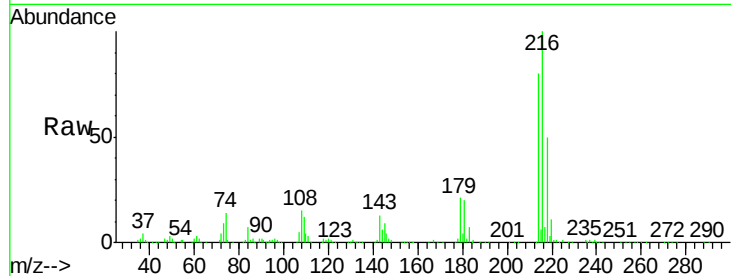
Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

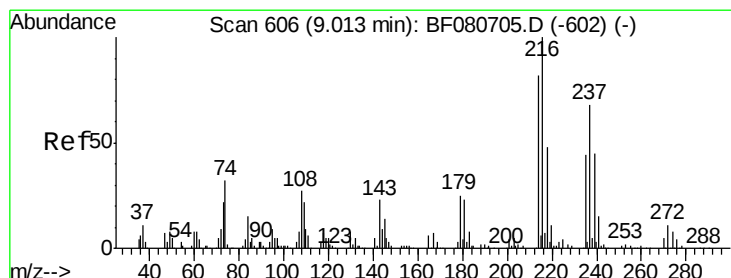
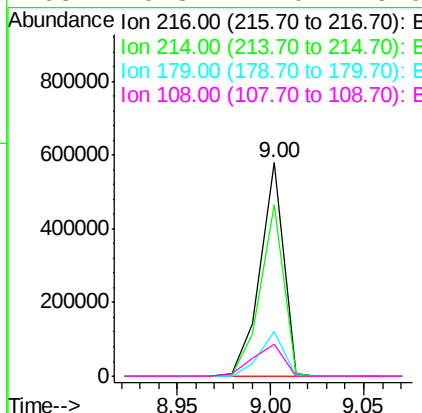
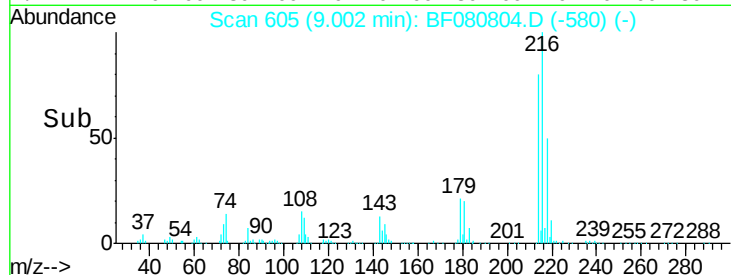
SSTDCCC040



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		505615		
214	79.8	63.1	94.7		
179	21.7	16.9	25.3		
108	19.3	17.0	25.6		

Manual Integrations
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#40

Hexachlorocyclopentadiene

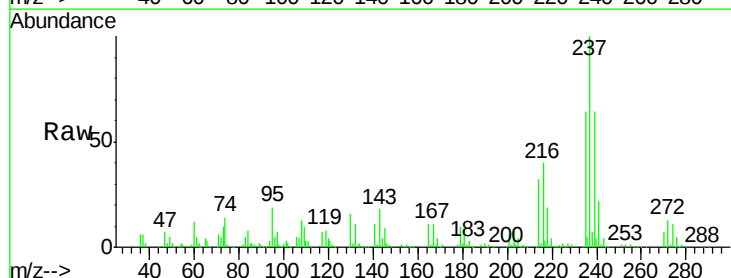
Concen: 43.77 ng

RT: 8.99 min Scan# 604

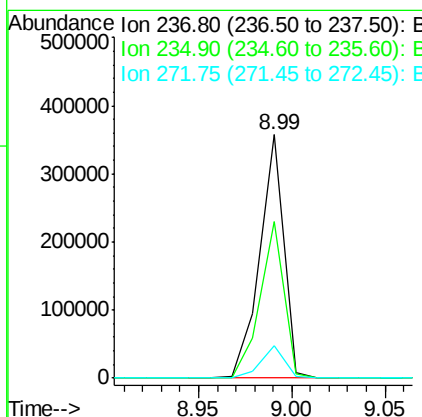
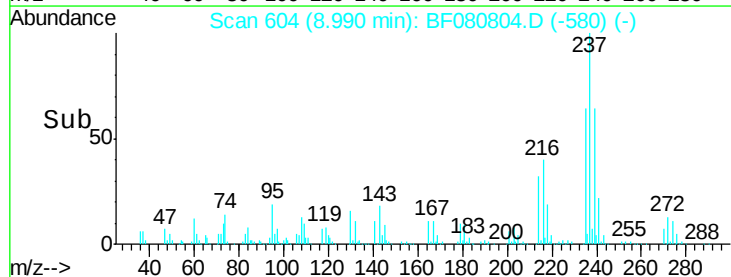
Delta R.T. -0.02 min

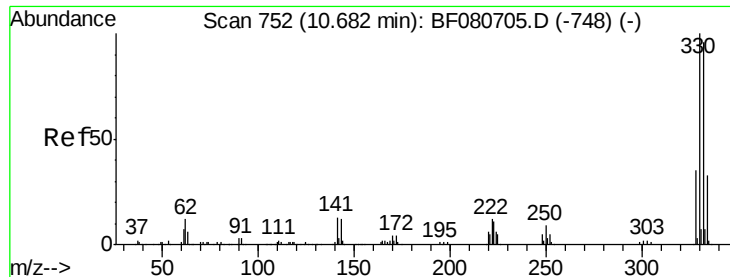
Lab File: BF080804.D

Acq: 2 Aug 2015 12:23



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		317470		
235	64.2	44.3	84.3		
272	13.2	0.0	35.5		





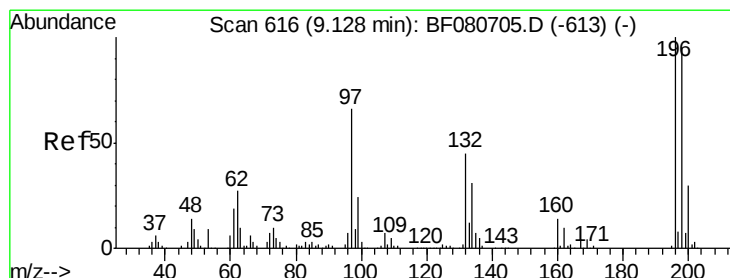
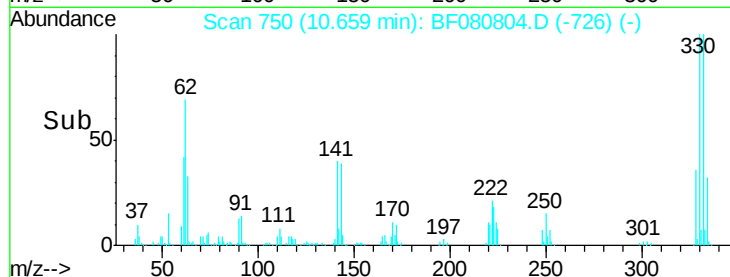
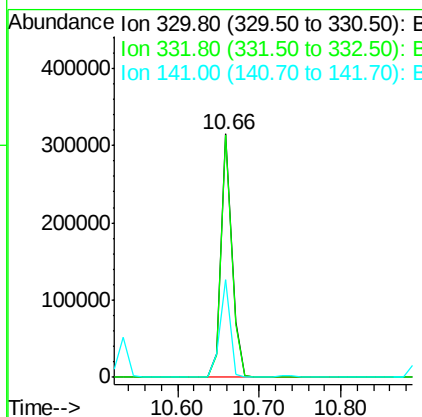
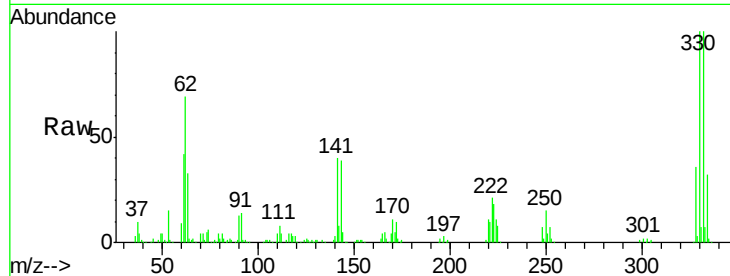
#41
 2,4,6-Tribromophenol
 Concen: 74.85 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	291574		
332	98.0	76.6	114.8	
141	38.2	26.0	39.0	

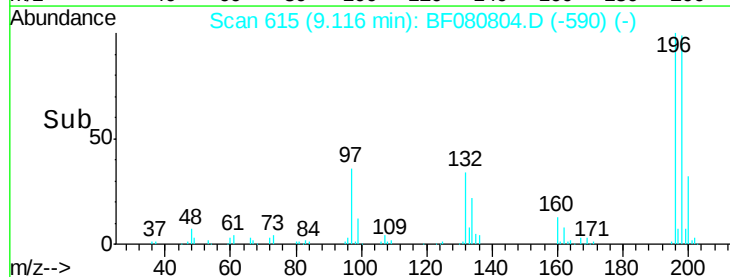
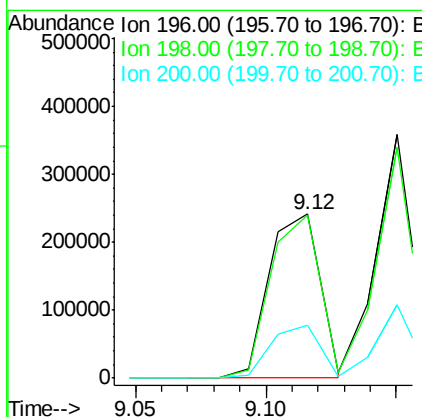
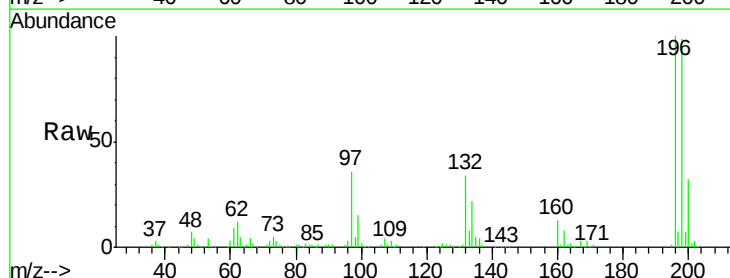
Manual Integrations
 APPROVED

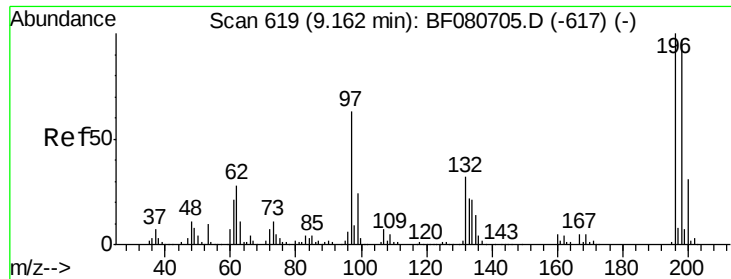
MMDadoda
 8/3/2015 3:38:48 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.95 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	327620		
198	99.3	75.8	113.8	
200	31.9	24.2	36.2	





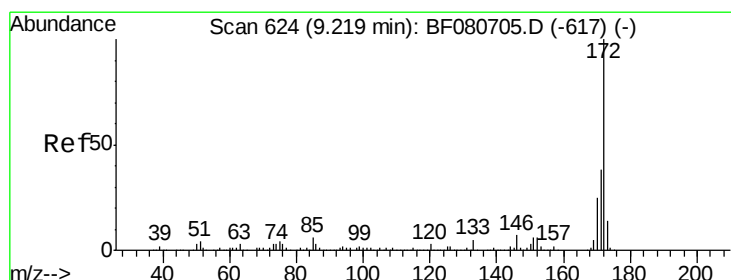
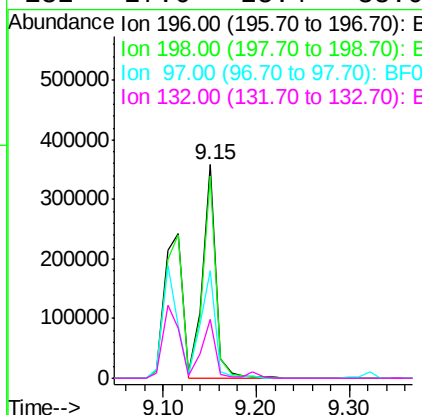
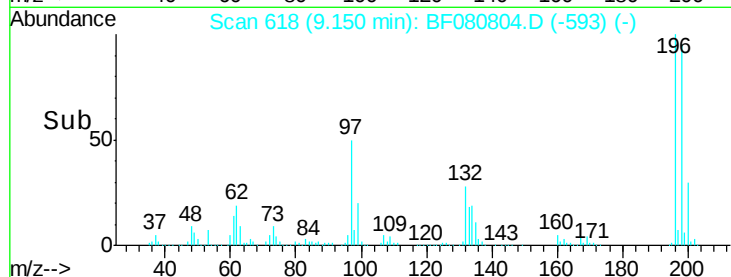
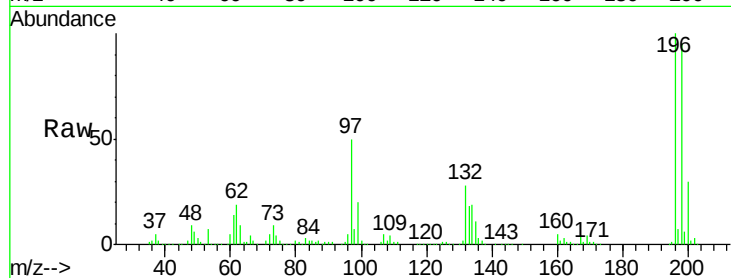
#43
 2,4,5-Trichlorophenol
 Concen: 43.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	357209		
198	94.8	77.8	116.8	
97	50.1	49.0	73.4	
132	27.6	25.4	38.0	

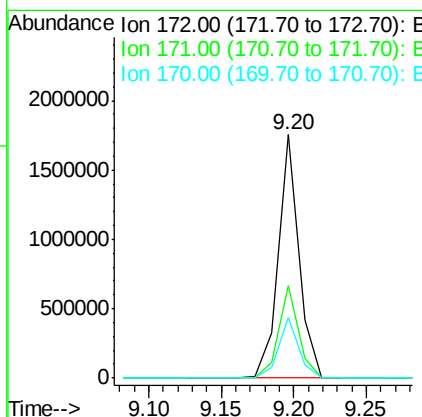
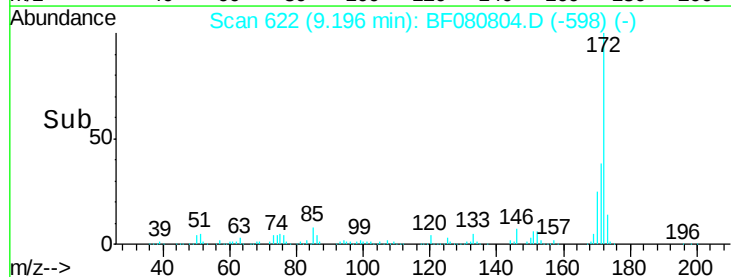
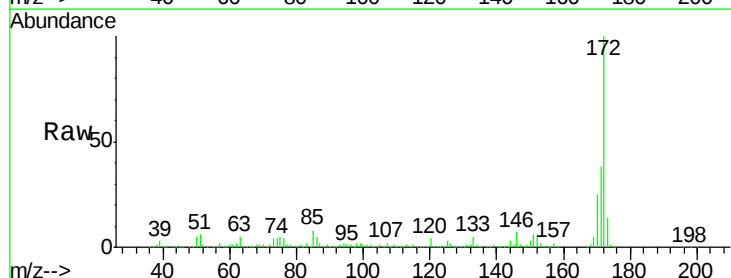
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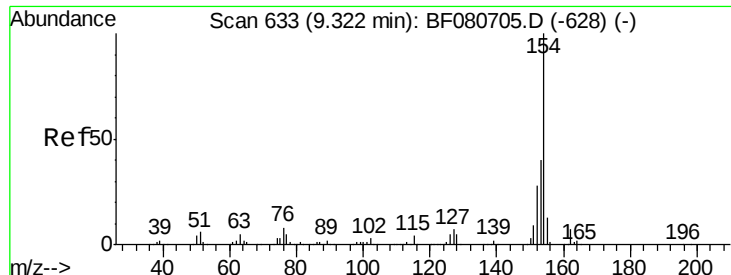
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#44
 2-Fluorobiphenyl
 Concen: 68.23 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1717067		
171	37.8	30.2	45.4	
170	24.9	20.2	30.2	





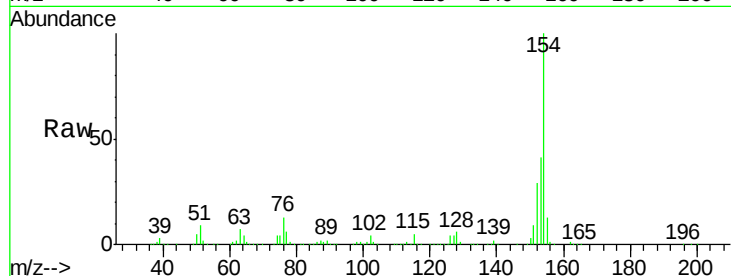
#45
 1,1'-Biphenyl
 Concen: 40.95 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

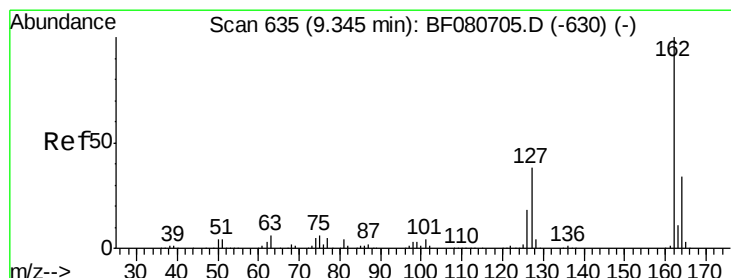
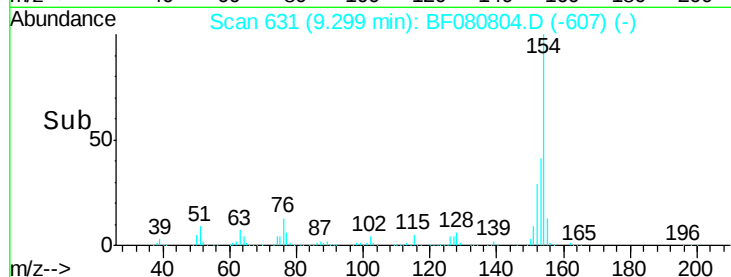
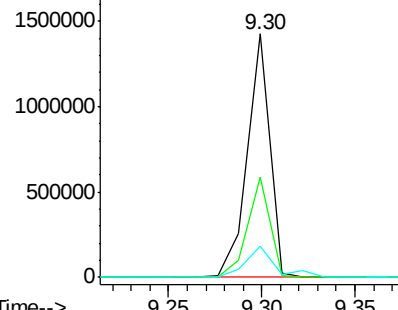
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.9	59.9
76	12.8	0.0	28.3

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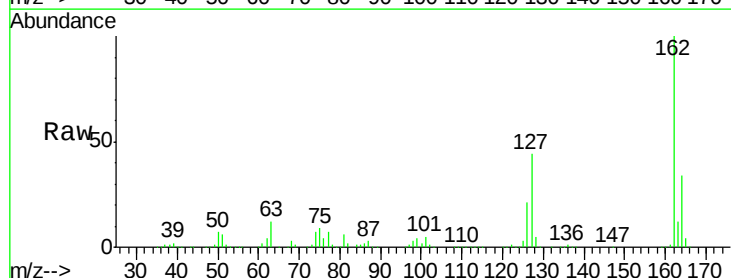


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

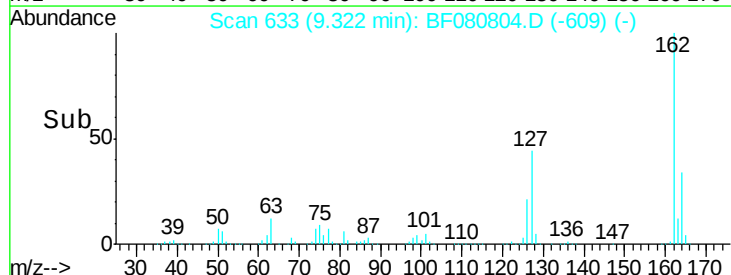
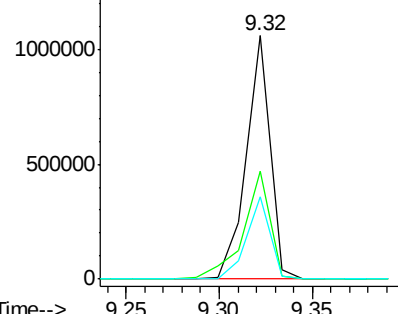


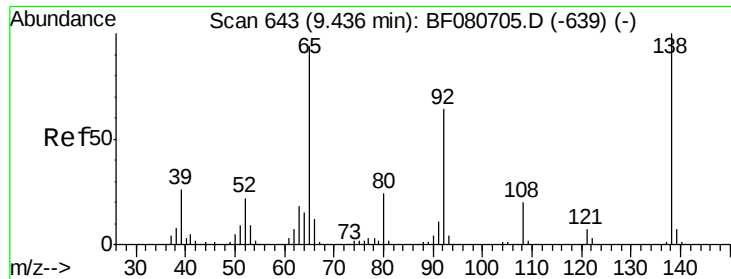
#46
 2-Chloronaphthalene
 Concen: 39.62 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.2	30.2	45.4
164	33.6	27.1	40.7



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





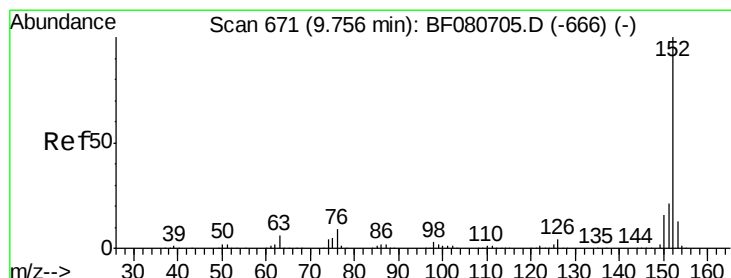
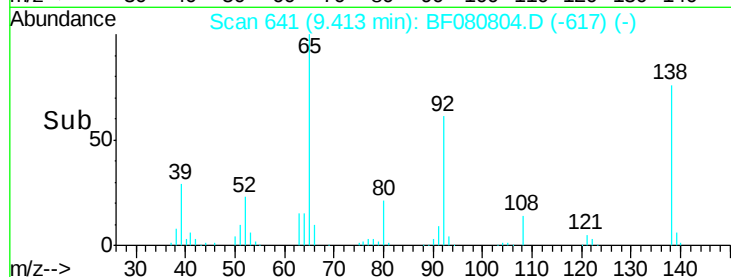
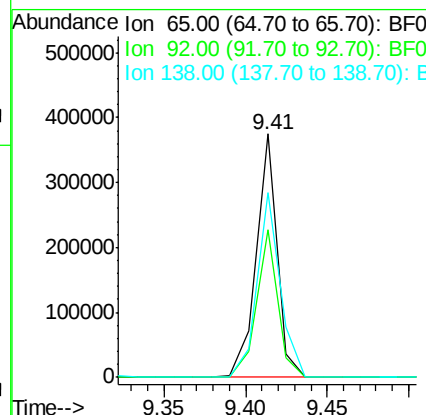
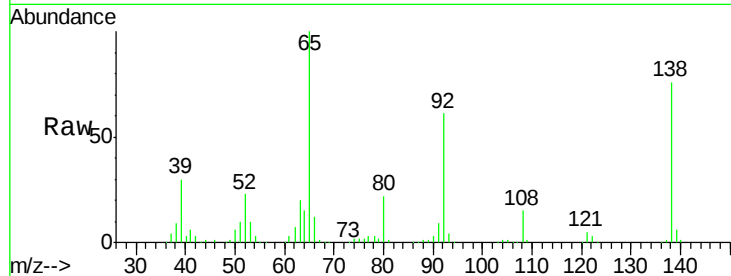
#47
2-Nitroaniline
Concen: 36.37 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.5	54.9	82.3
138	75.8	85.1	127.7#

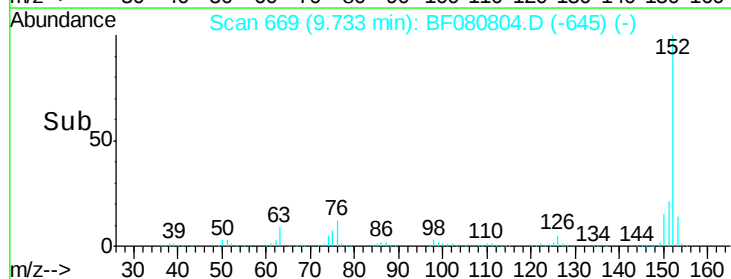
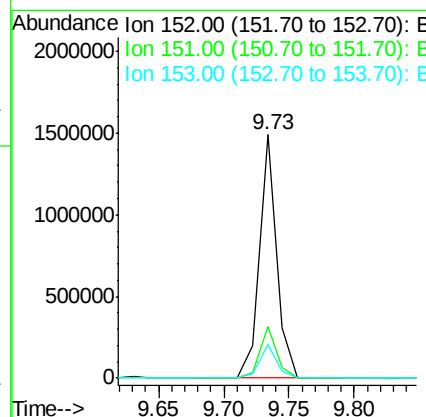
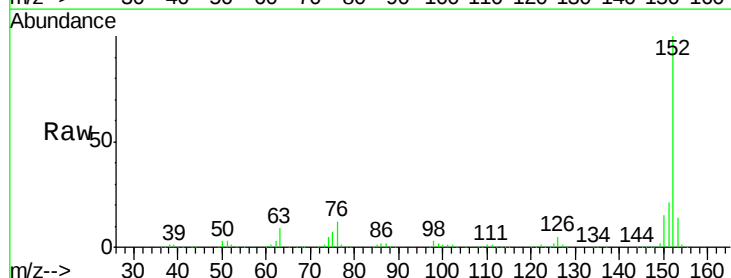
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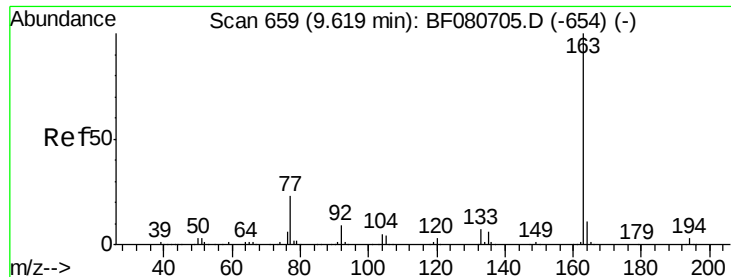
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#48
Acenaphthylene
Concen: 36.75 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.6
153	14.0	10.8	16.2





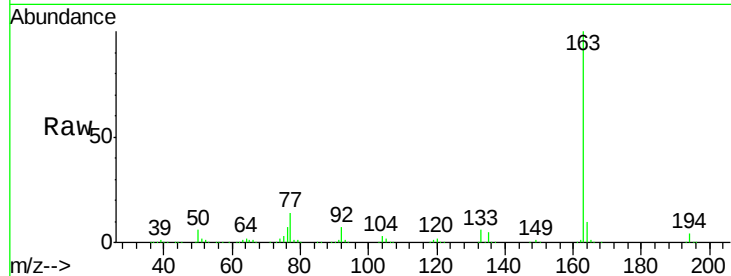
#49
Dimethylphthalate
Concen: 38.09 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

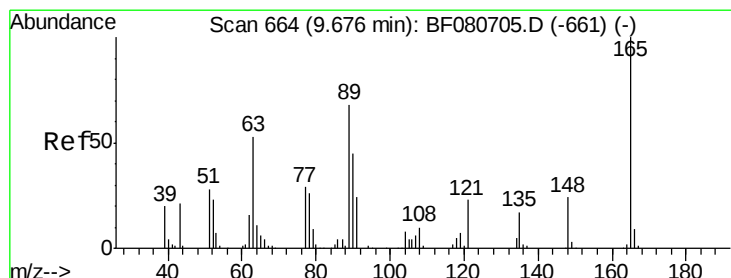
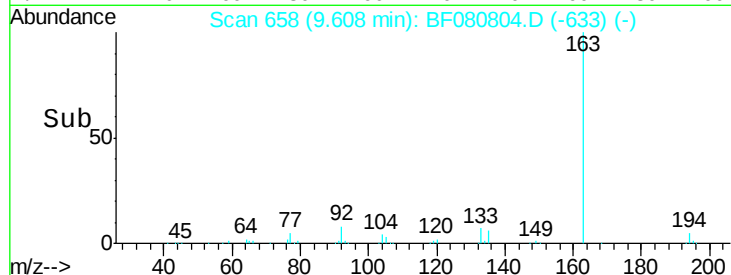
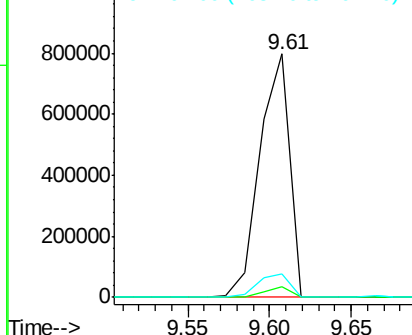
Tgt Ion:163 Resp: 1007764
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 9.6 8.7 13.1

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8/3/2015 3:38:48 PM

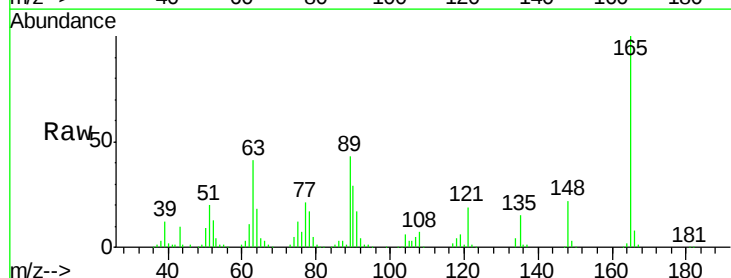


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

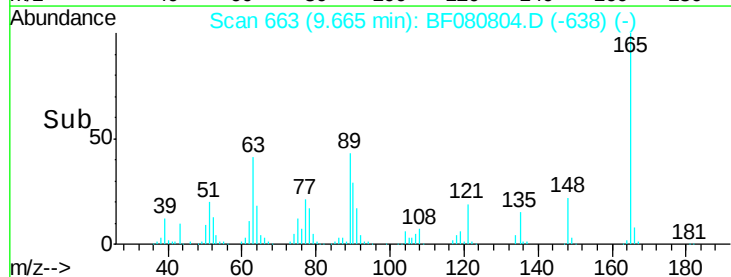
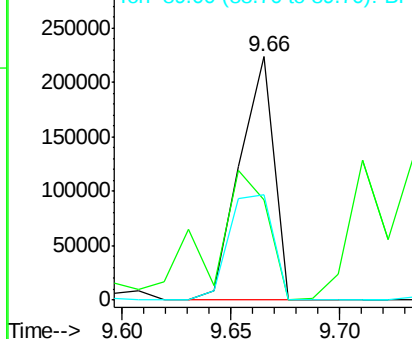


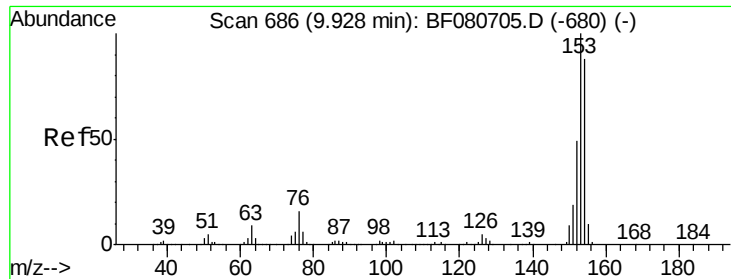
#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion:165 Resp: 243679
Ion Ratio Lower Upper
165 100
63 41.2 62.3 93.5#
89 43.4 54.8 82.2#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.83 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080804.D

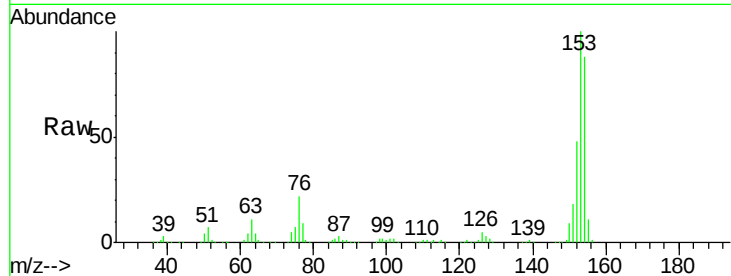
Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

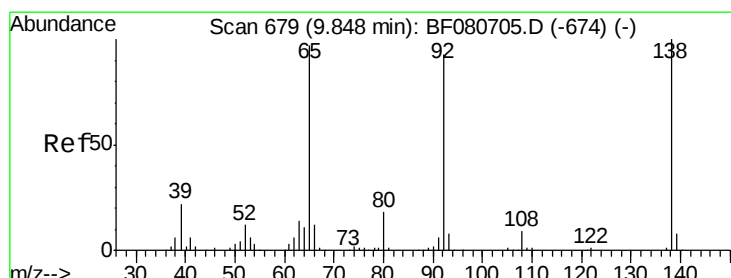
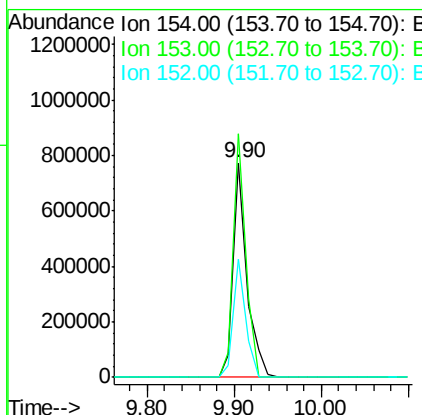
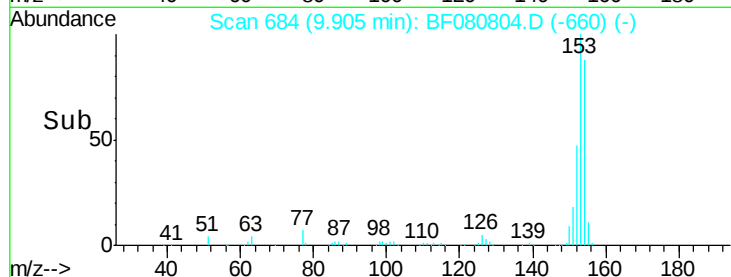
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100	839975		
153	113.6	90.7	136.1	
152	54.9	44.2	66.4	

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8/3/2015 3:38:48 PM



#52

3-Nitroaniline

Concen: 34.92 ng

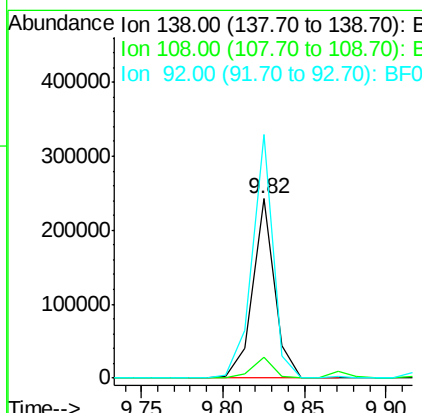
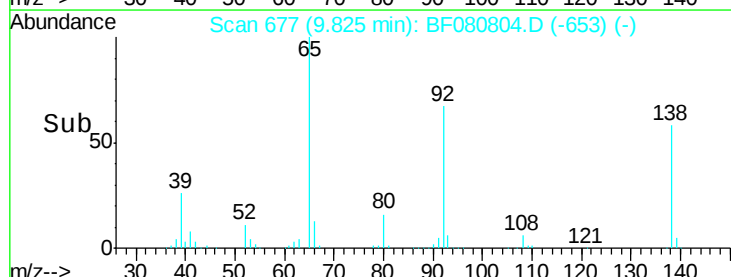
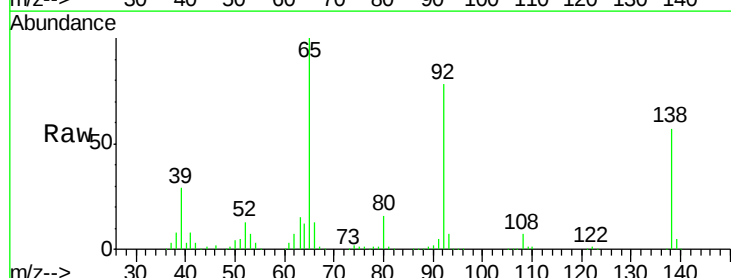
RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	226272		
108	11.5	6.9	10.3#	
92	135.7	74.1	111.1#	





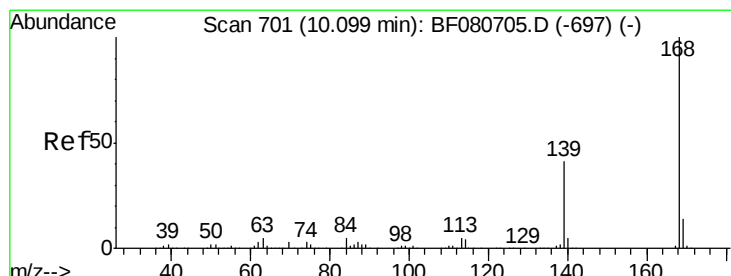
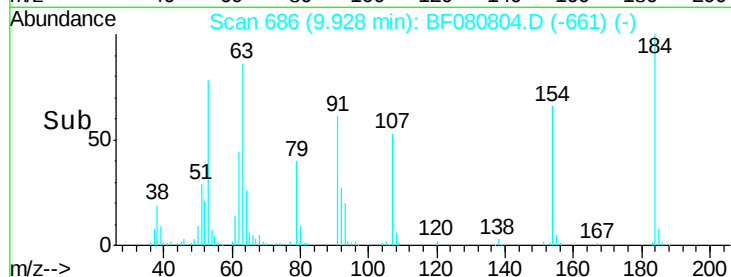
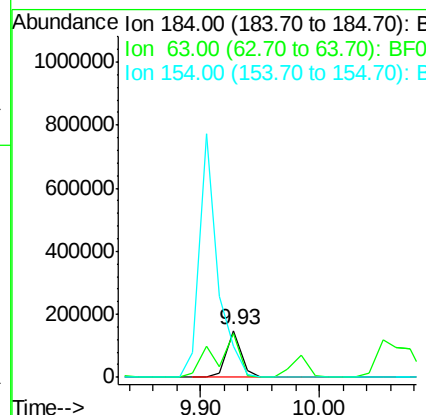
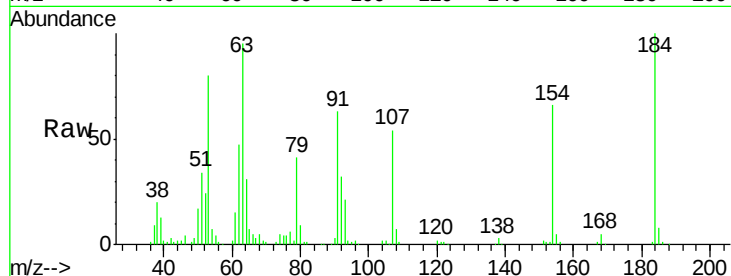
#53
 2,4-Dinitrophenol
 Concen: 42.73 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion:184 Resp: 127782
 Ion Ratio Lower Upper
 184 100
 63 95.1 96.0 144.0#
 154 66.0 66.0 99.0#

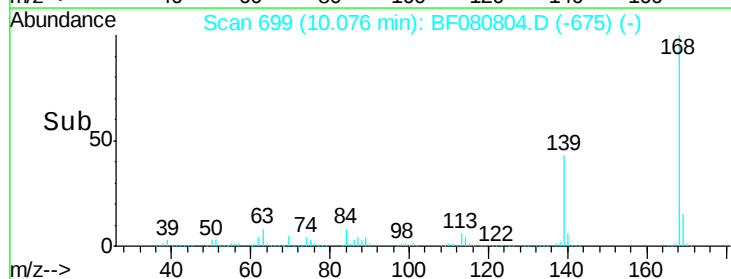
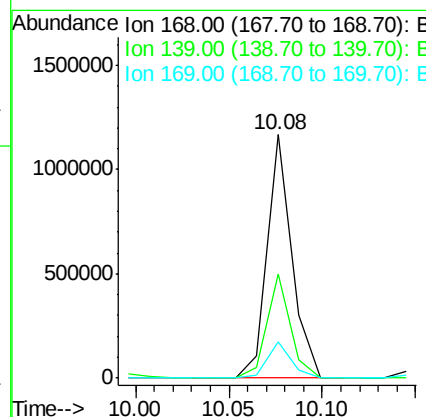
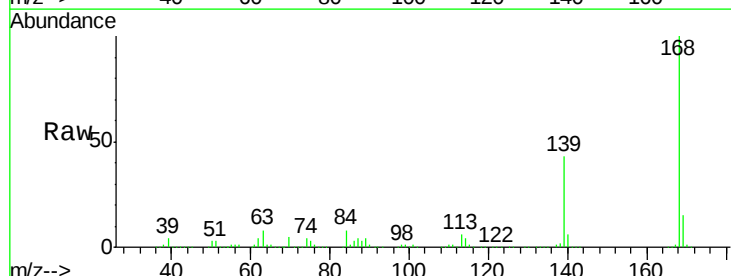
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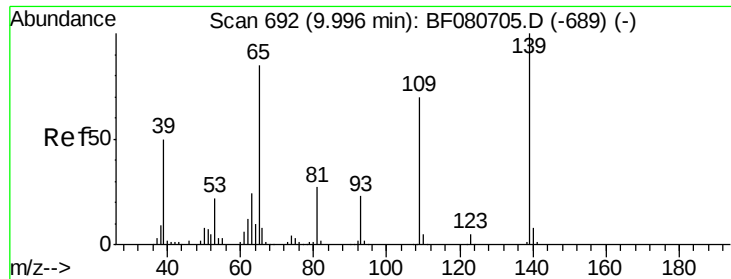
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#54
 Dibenzofuran
 Concen: 35.49 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:168 Resp: 1082632
 Ion Ratio Lower Upper
 168 100
 139 42.9 33.0 49.6
 169 15.2 11.4 17.2





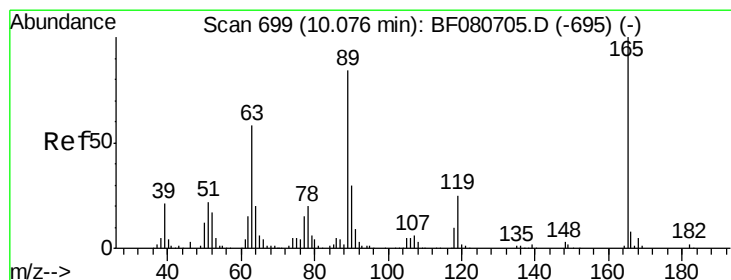
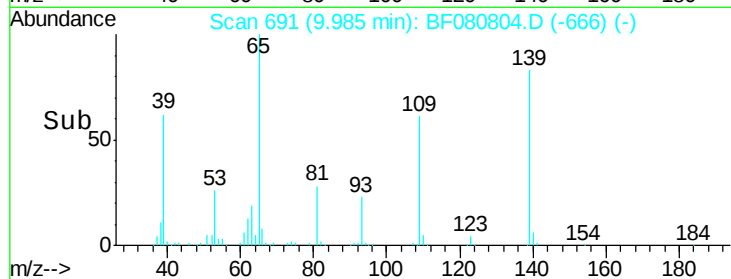
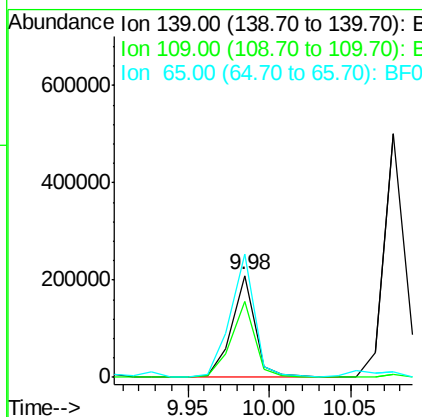
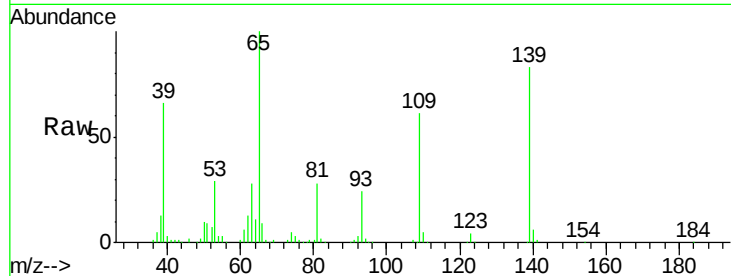
#55
4-Nitrophenol
Concen: 43.70 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	208603		
109	73.8	50.4	90.4	
65	121.1	66.1	106.1#	

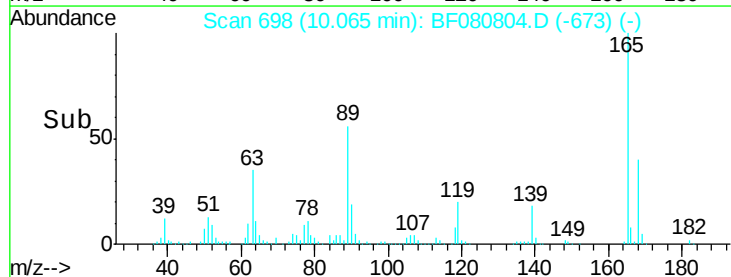
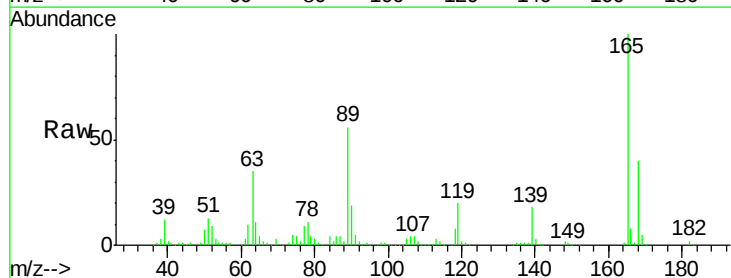
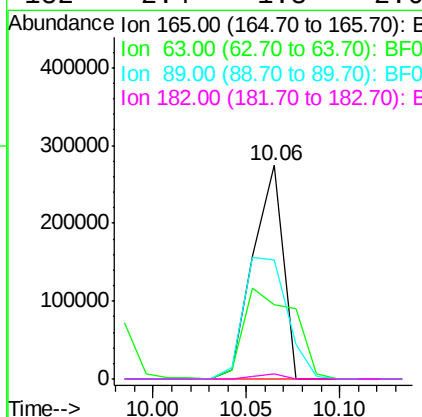
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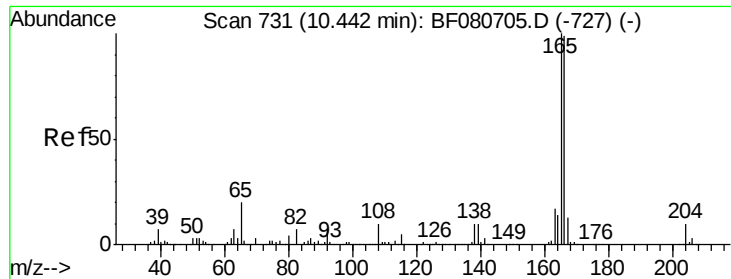
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#56
2,4-Dinitrotoluene
Concen: 41.45 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	305187		
63	34.8	46.7	70.1#	
89	55.9	67.4	101.2#	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 34.70 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

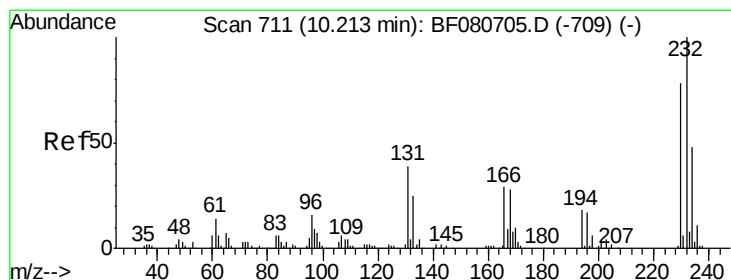
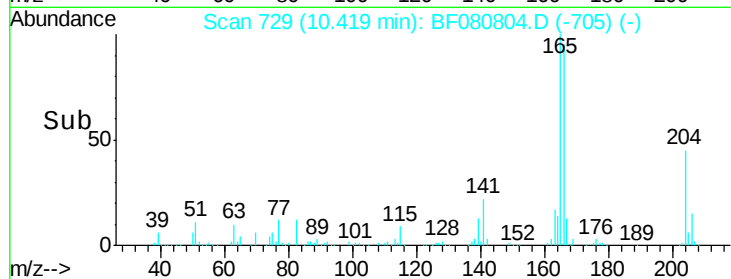
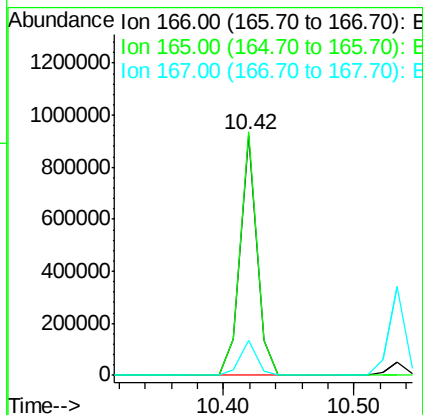
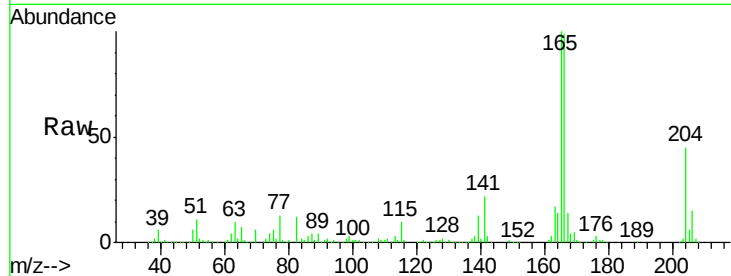
ClientSampleId :

SSTDCCC040

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.4	81.0	121.4	
167	14.3	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.20 ng

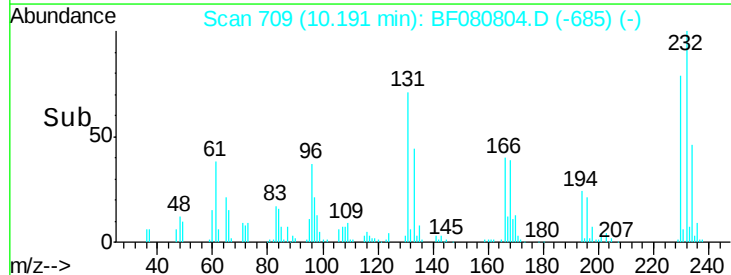
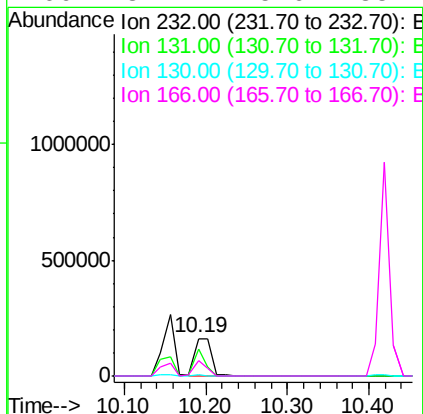
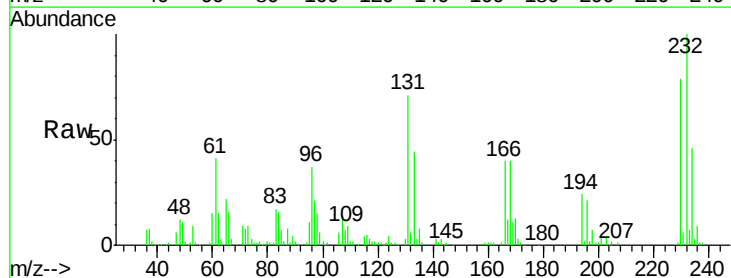
RT: 10.19 min Scan# 709

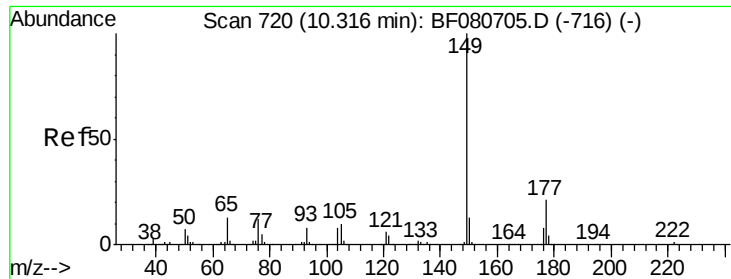
Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.2	38.2	57.2	
130	2.2	1.8	2.6	
166	31.4	25.6	38.4	





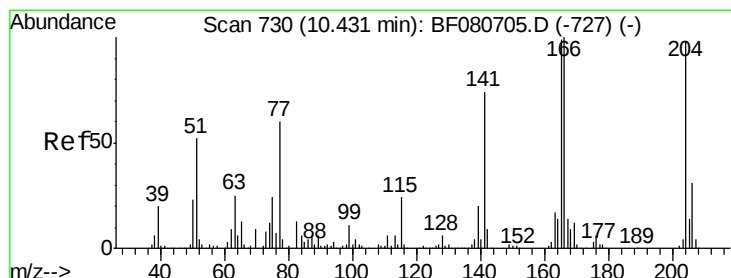
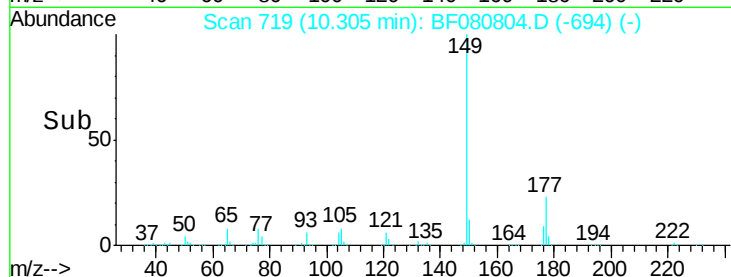
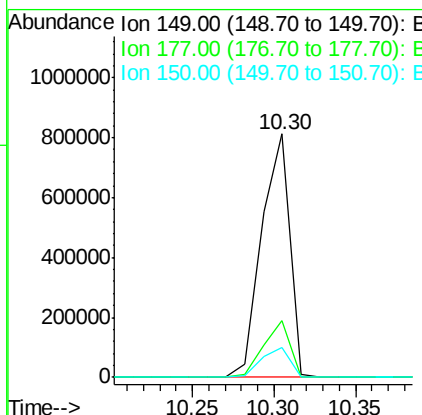
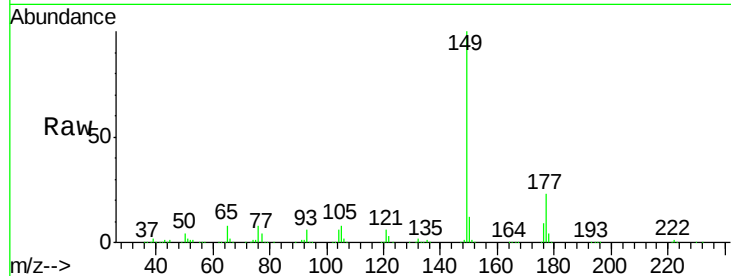
#59
Diethylphthalate
Concen: 38.13 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.6	25.0
150	12.4	10.2	15.4

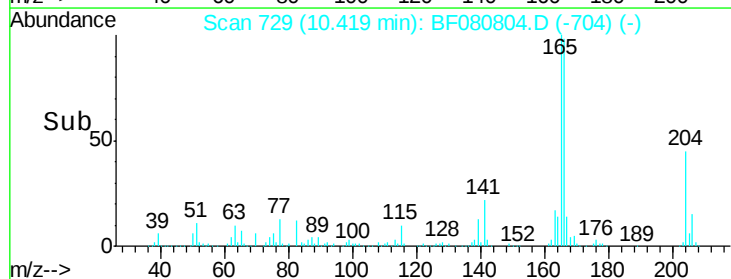
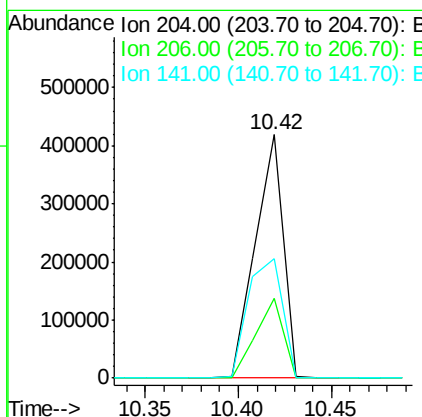
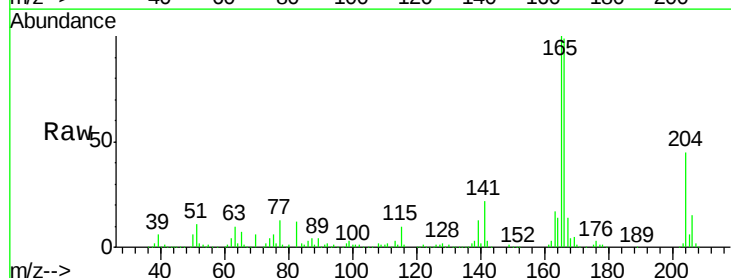
Manual Integrations
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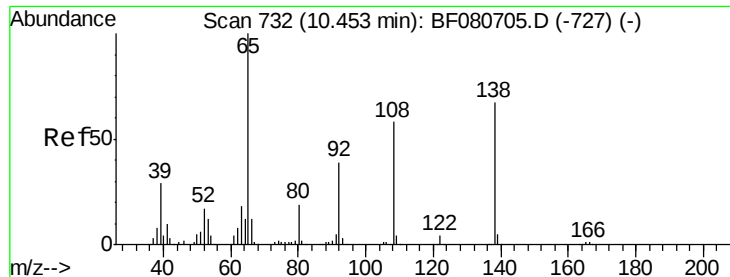
MMDadoda
8/3/2015 3:38:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.04 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.1	37.7
141	49.2	60.3	90.5#





#61

4-Nitroaniline

Concen: 46.23 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF080804.D

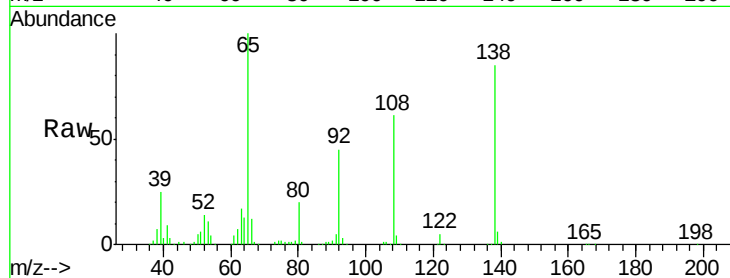
Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

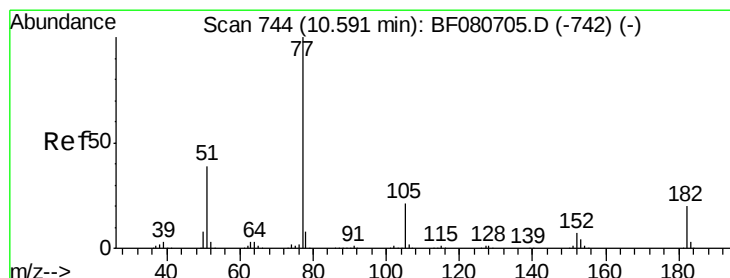
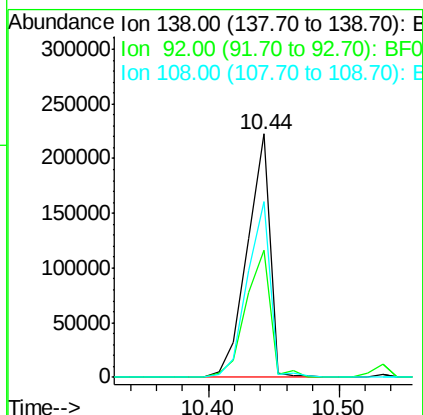
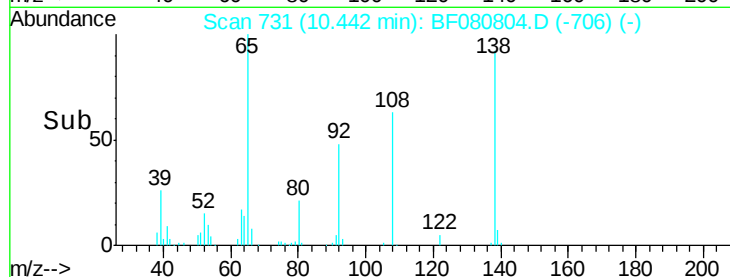
SSTDCCC040



Tgt Ion:	138	Resp:	270440
Ion Ratio	Lower	Upper	
138	100		
92	52.3	38.2	78.2
108	72.1	66.3	106.3

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8/3/2015 3:38:48 PM



#62

Azobenzene

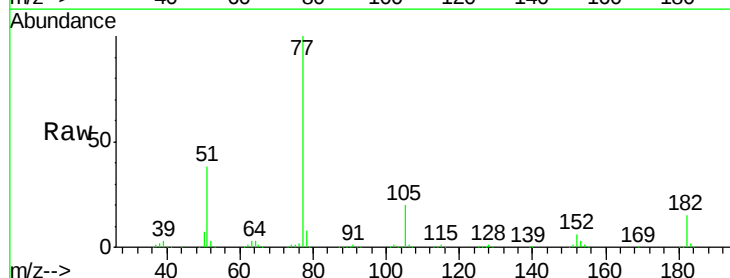
Concen: 41.03 ng

RT: 10.57 min Scan# 742

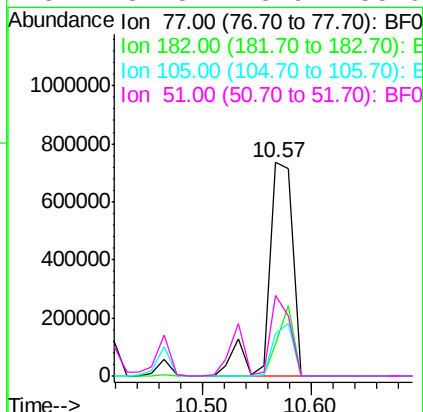
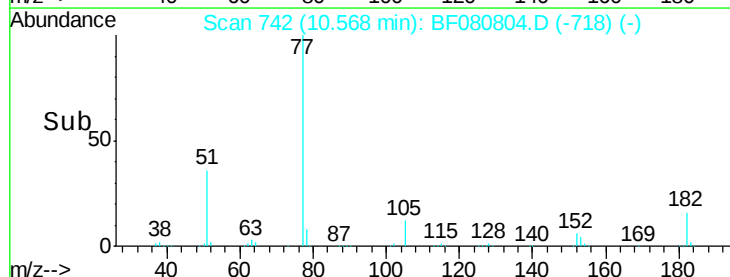
Delta R.T. -0.02 min

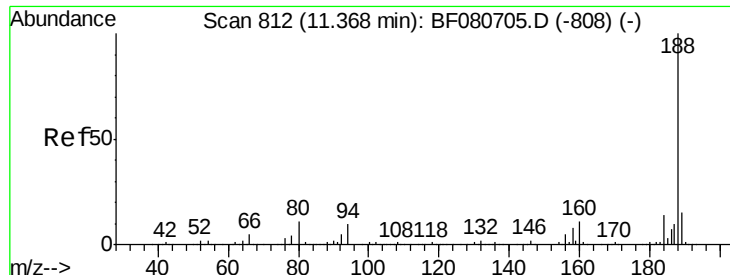
Lab File: BF080804.D

Acq: 2 Aug 2015 12:23



Tgt Ion:	77	Resp:	1133401
Ion Ratio	Lower	Upper	
77	100		
182	15.2	0.0	39.9
105	20.0	1.1	41.1
51	37.8	18.9	58.9





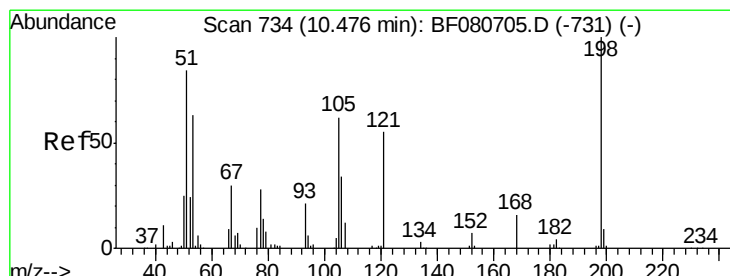
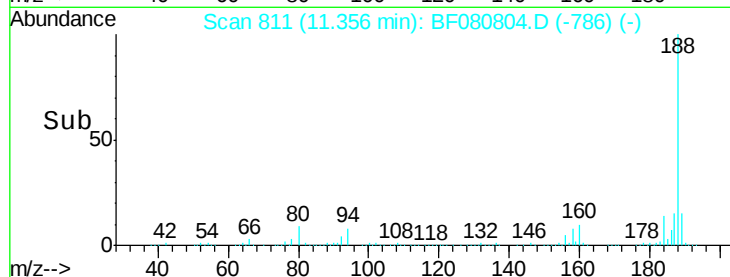
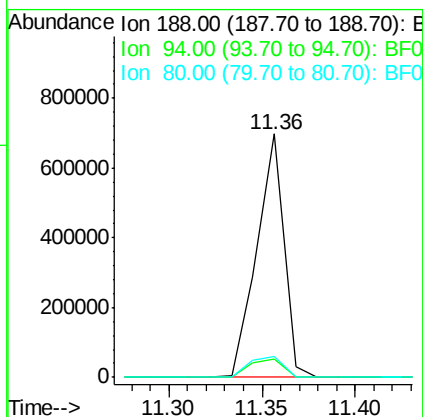
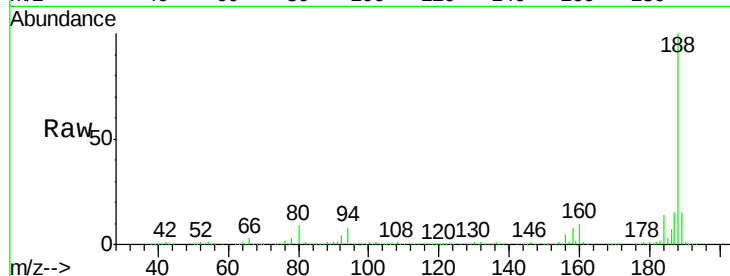
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.7	8.1	12.1#
80	8.8	9.1	13.7#

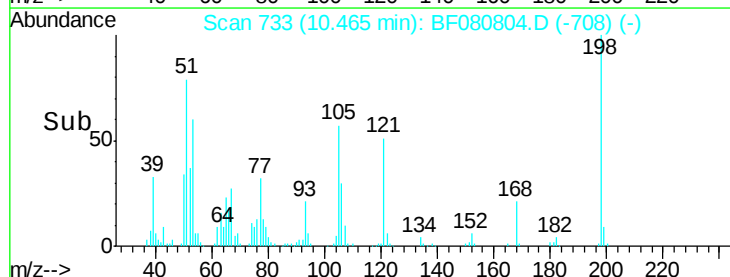
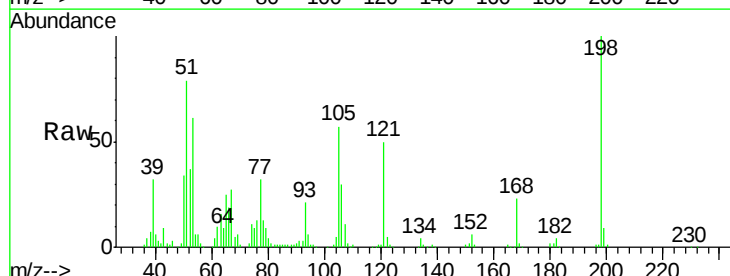
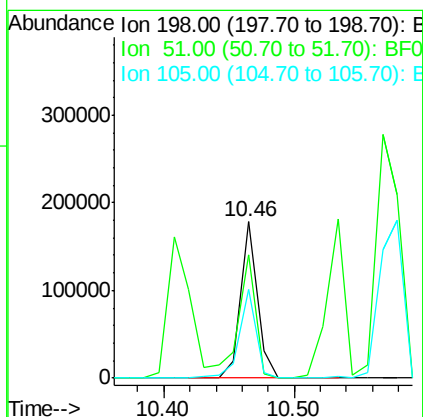
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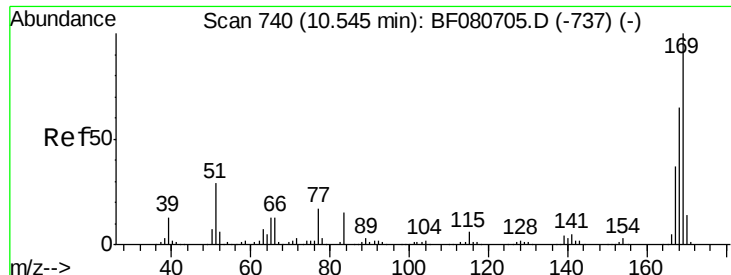
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8/3/2015 3:38:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.49 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	79.1	84.6	124.6#
105	56.8	43.0	83.0





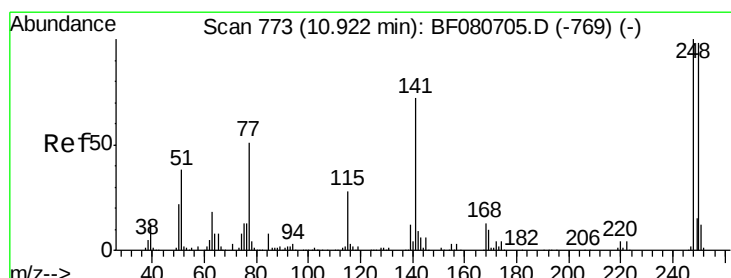
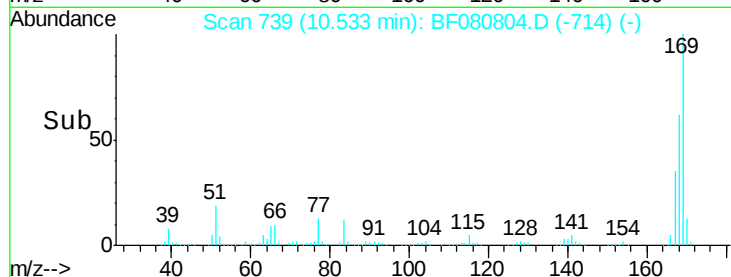
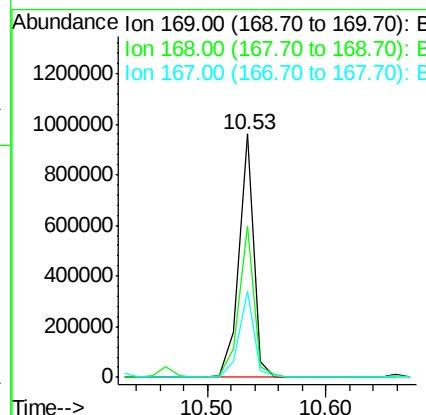
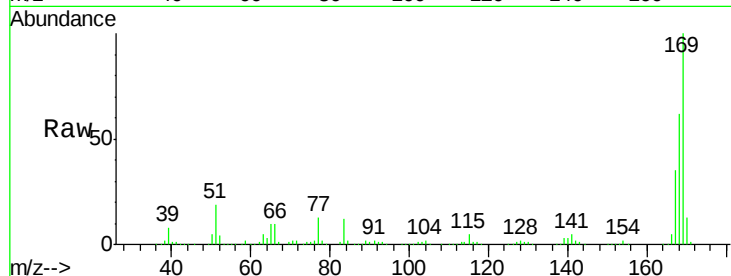
#65
n-Nitrosodiphenylamine
Concen: 36.19 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	832984		
168	62.4	52.1	78.1	
167	35.3	29.3	43.9	

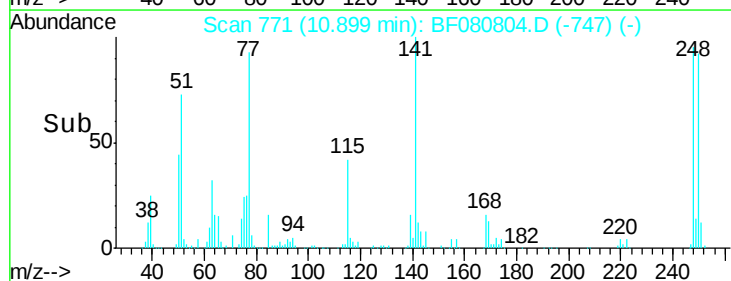
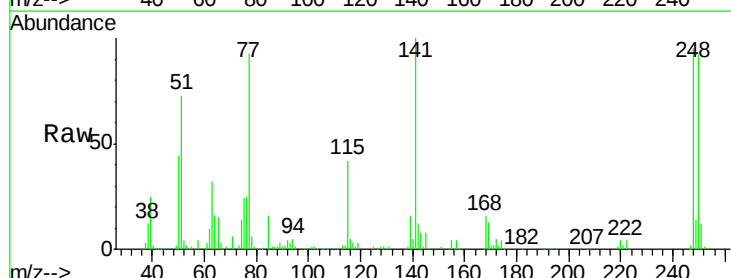
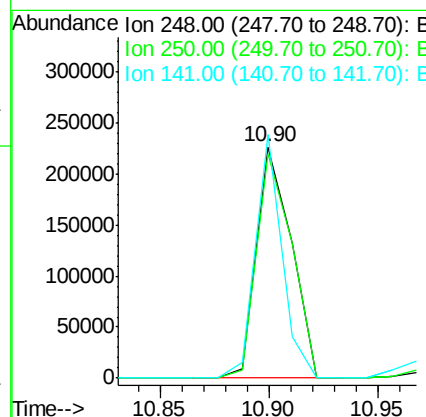
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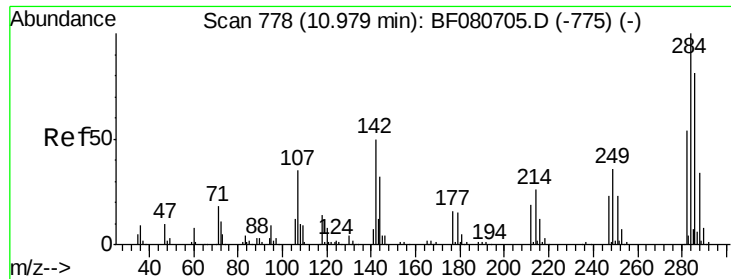
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8/3/2015 3:38:48 PM



#66
4-Bromophenyl-phenylether
Concen: 34.78 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	252052		
250	97.1	78.4	117.6	
141	105.2	57.5	86.3	





#67

Hexachlorobenzene

Concen: 37.57 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF080804.D

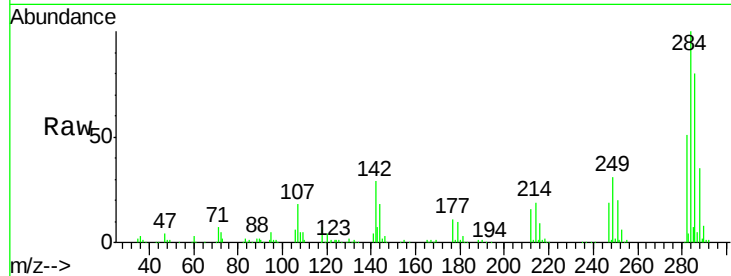
Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

ClientSampleId :

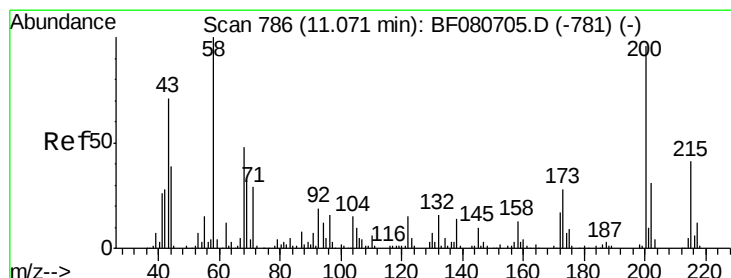
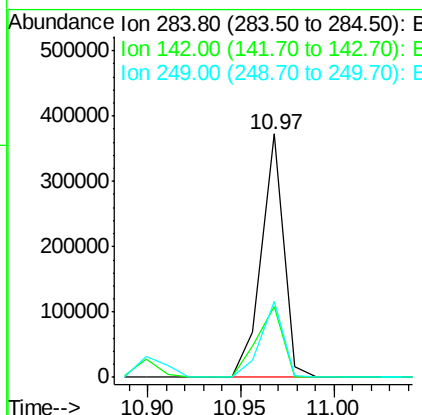
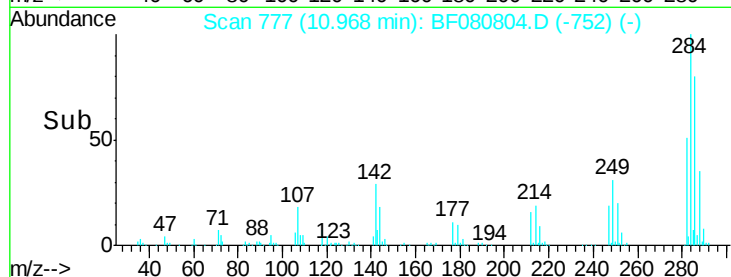
SSTDCCC040



Tgt Ion:	284	Resp:	314831
Ion Ratio	Lower	Upper	
284	100		
142	29.0	39.8	59.6#
249	31.1	28.7	43.1

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8/3/2015 3:38:48 PM



#68

Atrazine

Concen: 34.11 ng

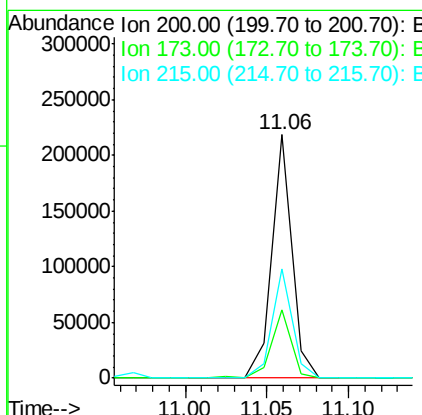
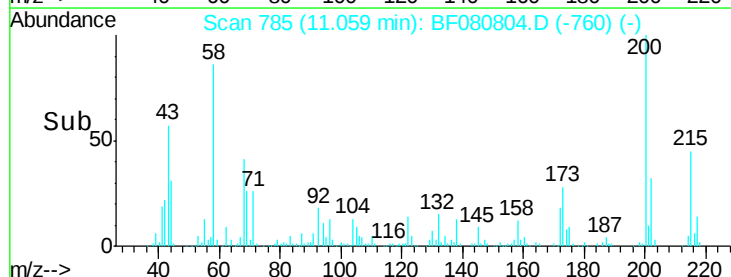
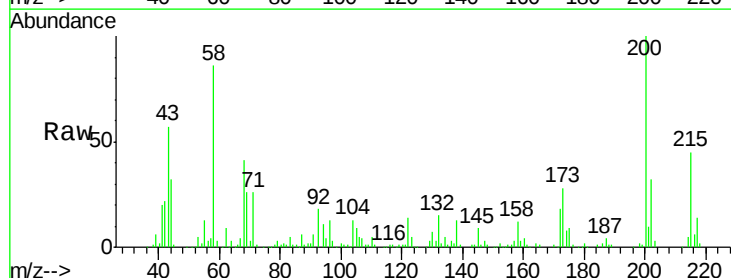
RT: 11.06 min Scan# 785

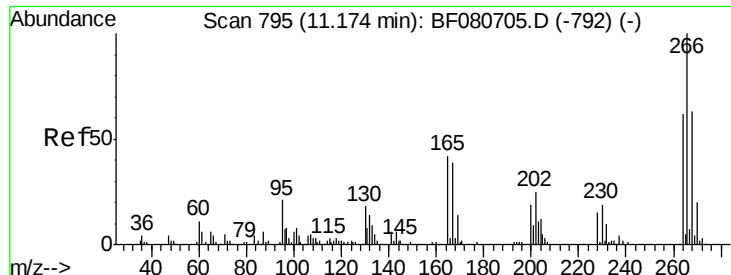
Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:	200	Resp:	189420
Ion Ratio	Lower	Upper	
200	100		
173	28.0	8.6	48.6
215	44.9	22.2	62.2





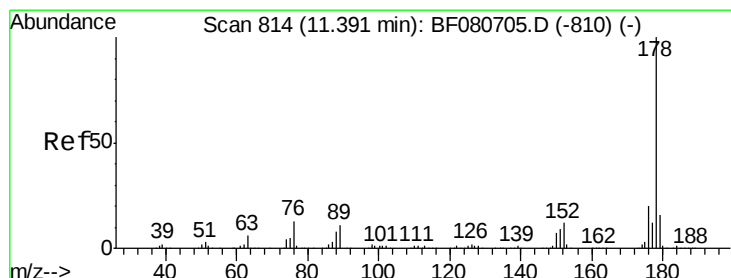
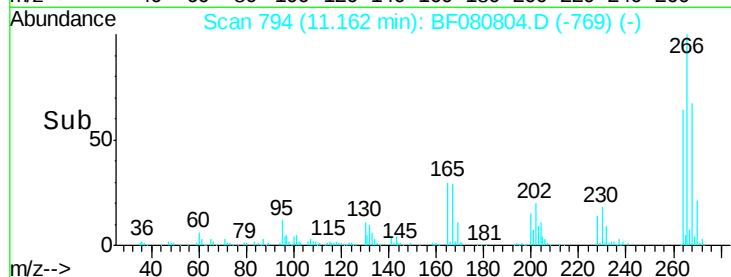
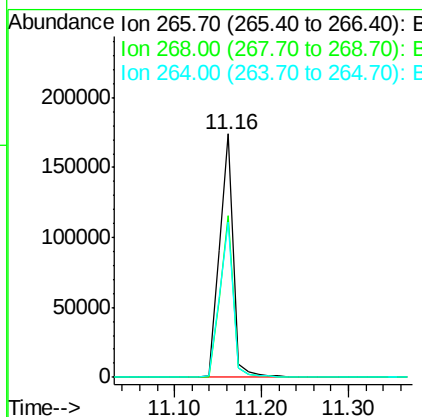
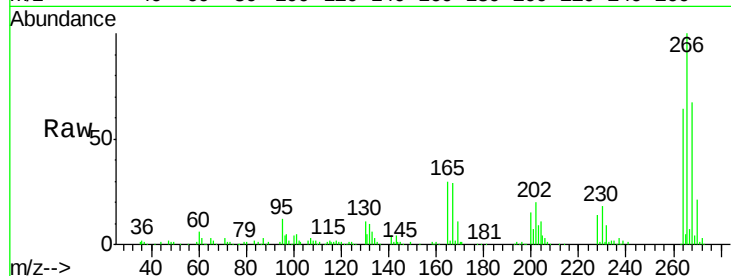
#69
 Pentachlorophenol
 Concen: 38.72 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	196341		
268	66.7	50.5	75.7	
264	63.9	50.0	75.0	

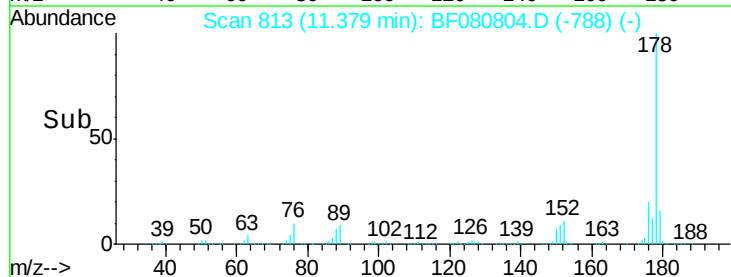
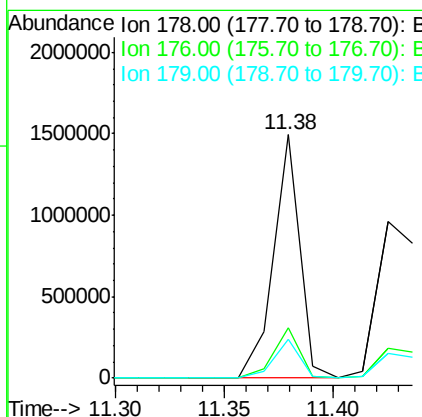
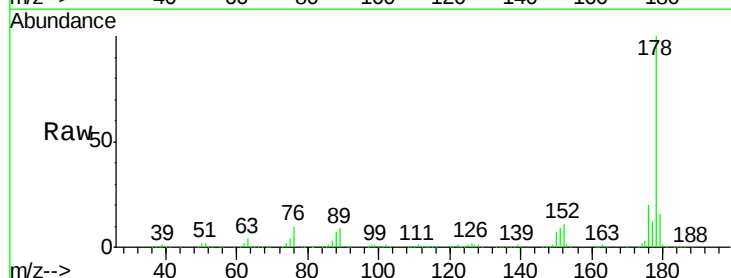
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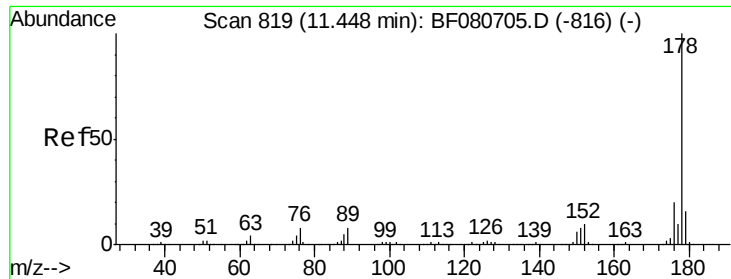
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#70
 Phenanthrene
 Concen: 36.05 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1275289		
176	20.4	16.2	24.4	
179	16.1	13.0	19.4	





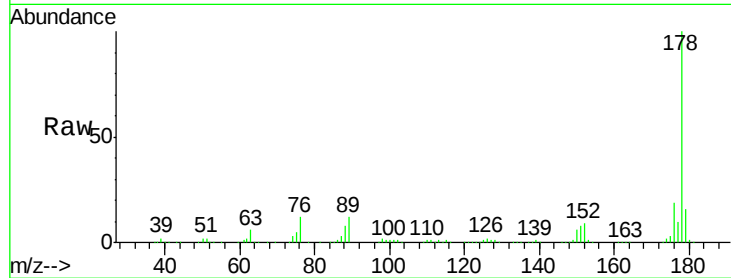
#71
 Anthracene
 Concen: 36.40 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

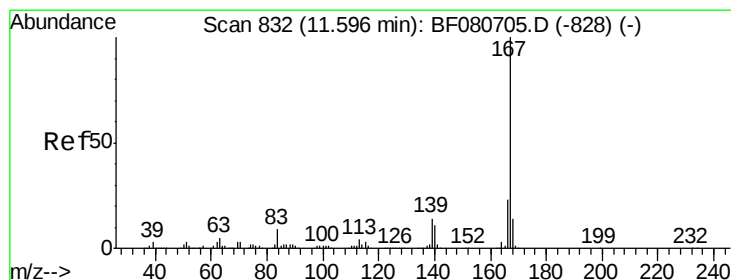
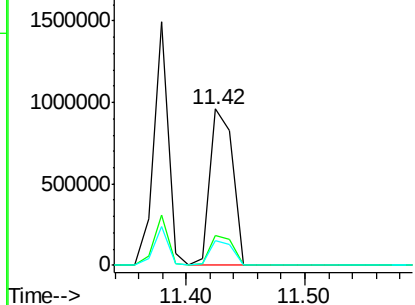
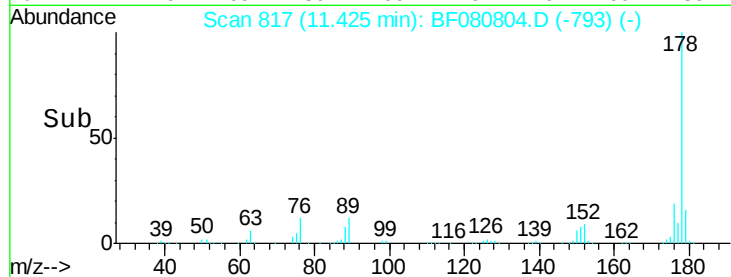
Tgt Ion:178 Resp: 1265300
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.9 23.9
 179 16.0 12.7 19.1

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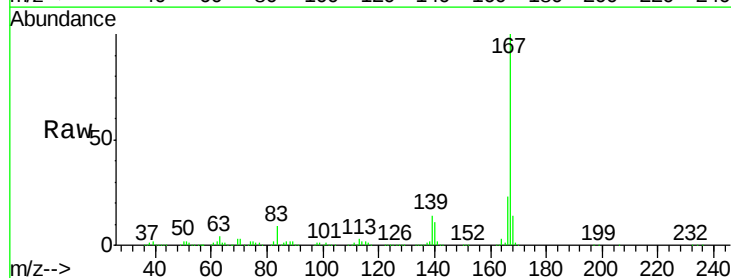


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

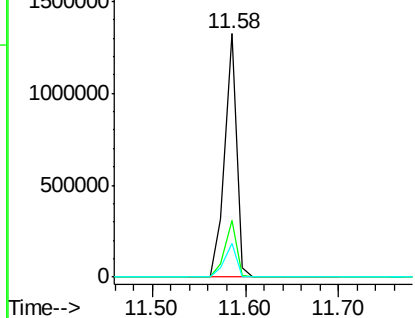
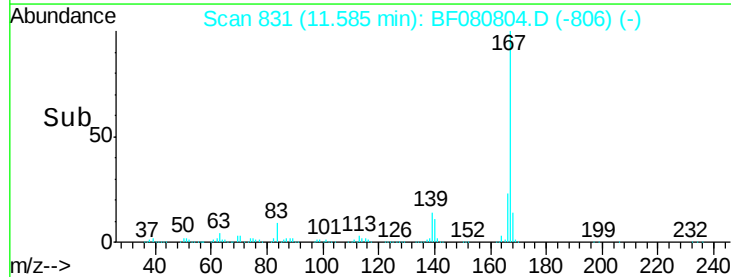


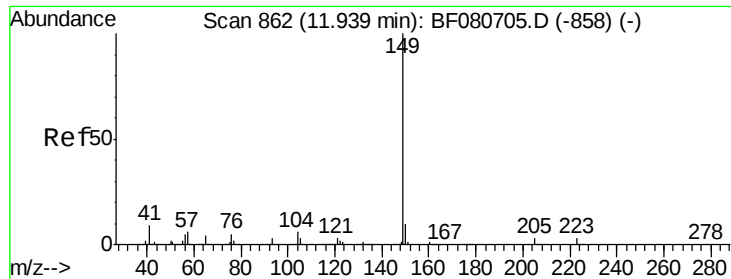
#72
 Carbazole
 Concen: 38.79 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion:167 Resp: 1170165
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.4
 139 14.0 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.87 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

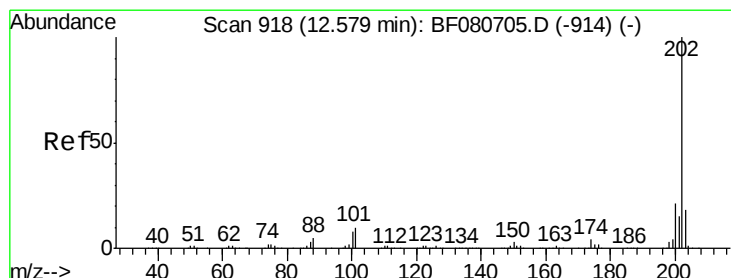
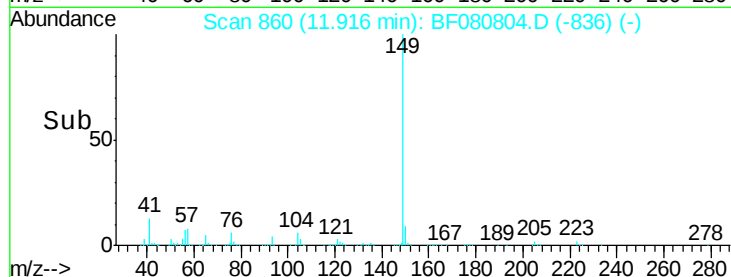
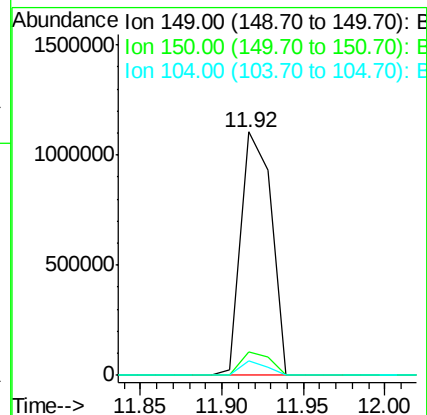
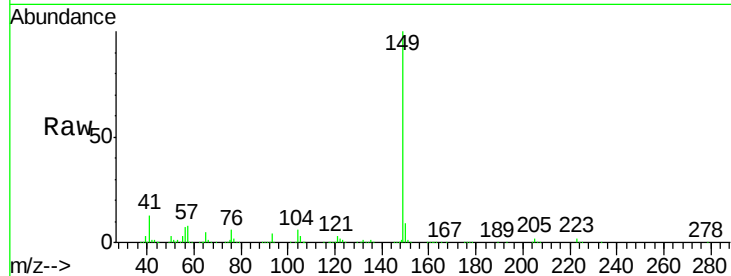
ClientSampleId :

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Tgt Ion:	149	Resp:	1416503
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.8	4.4	6.6



#74

Fluoranthene

Concen: 39.66 ng

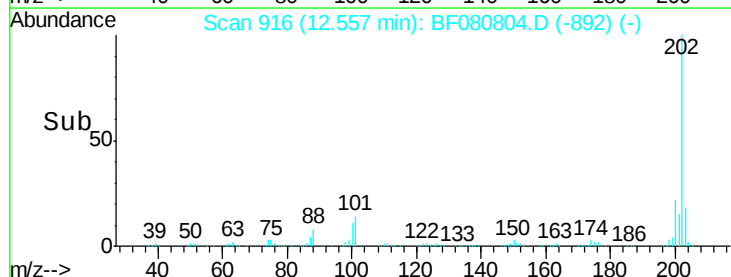
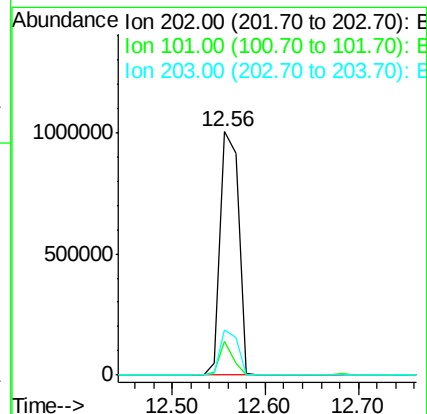
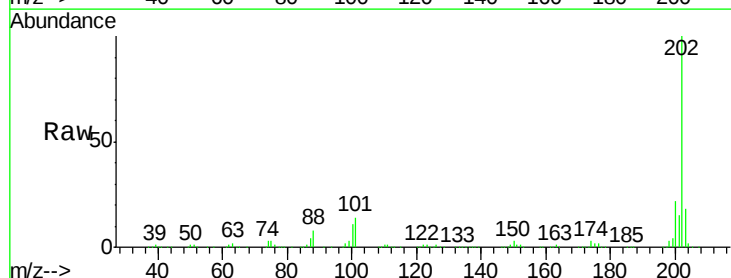
RT: 12.56 min Scan# 916

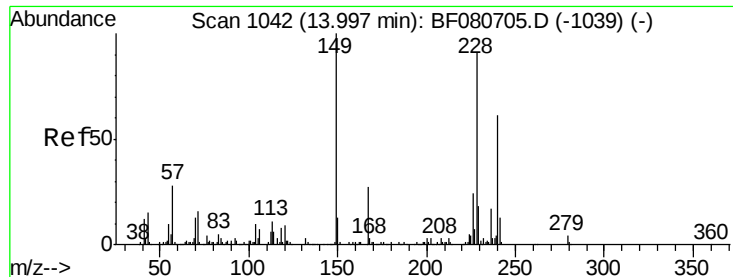
Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:	202	Resp:	1356371
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	29.6
203	18.4	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

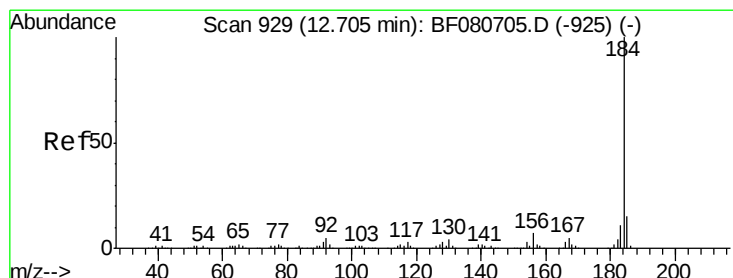
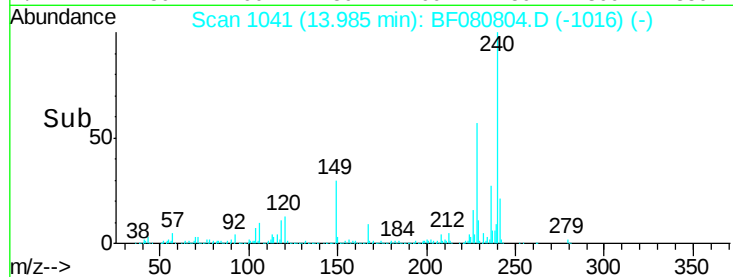
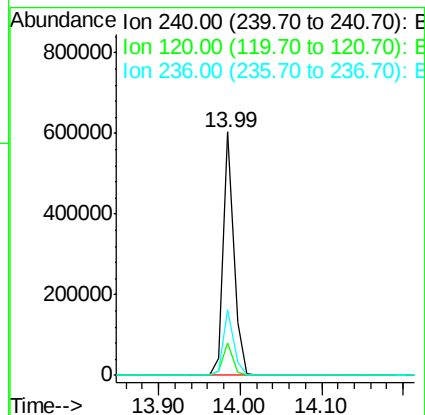
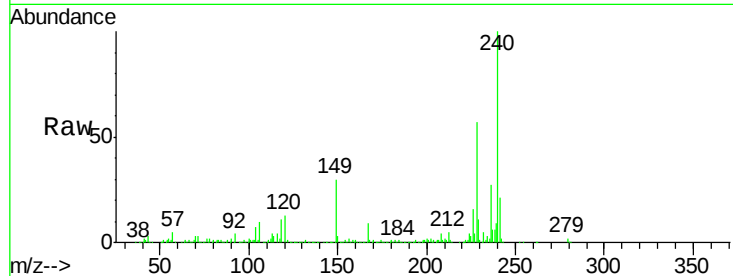
ClientSampleId :

SSTDCCC040

Tgt Ion:	240	Resp:	542247
Ion Ratio		Lower	Upper
240	100		
120	13.4	11.8	17.8
236	27.0	21.8	32.8

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#76

Benzidine

Concen: 32.99 ng

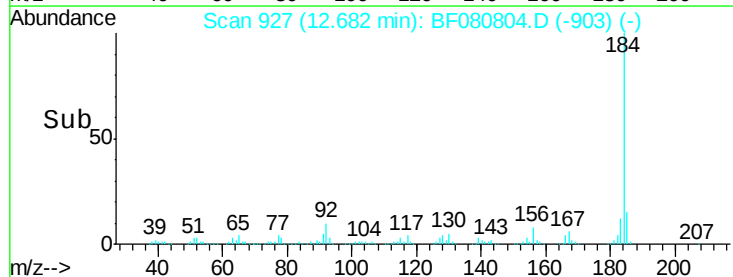
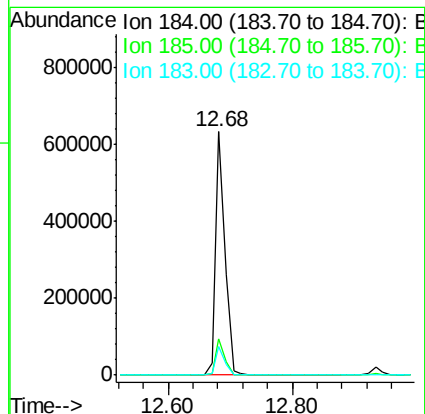
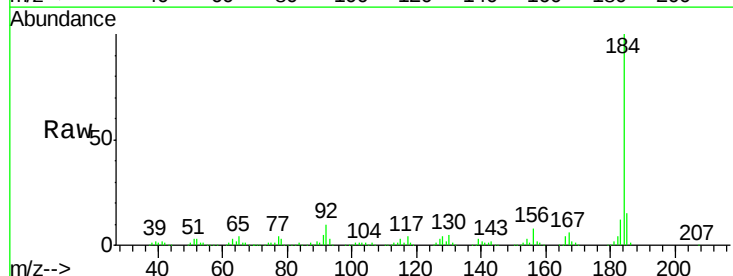
RT: 12.68 min Scan# 927

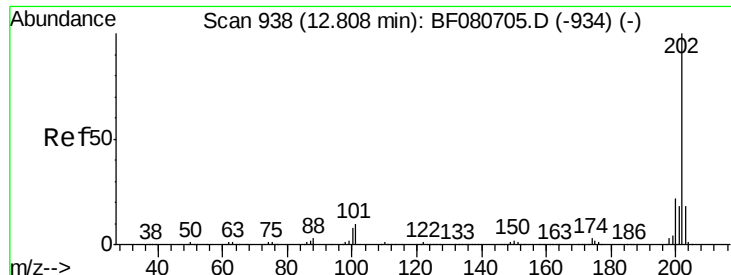
Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion:	184	Resp:	651265
Ion Ratio		Lower	Upper
184	100		
185	14.8	12.0	18.0
183	11.7	9.1	13.7





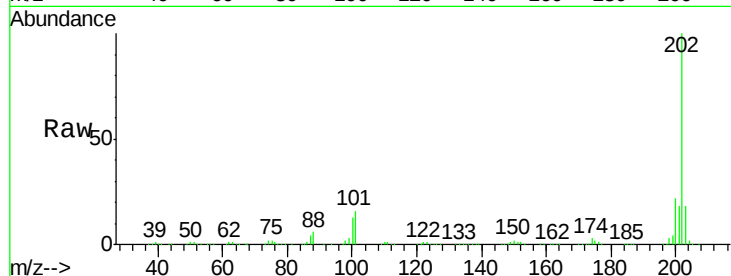
#77
 Pyrene
 Concen: 33.06 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

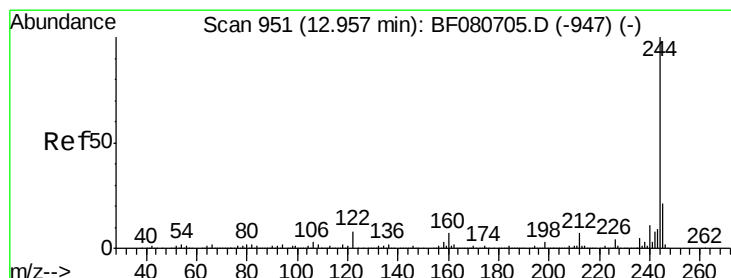
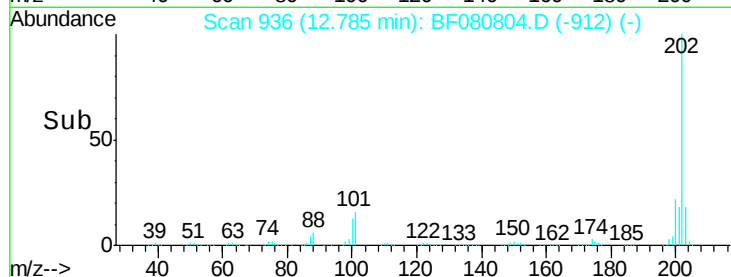
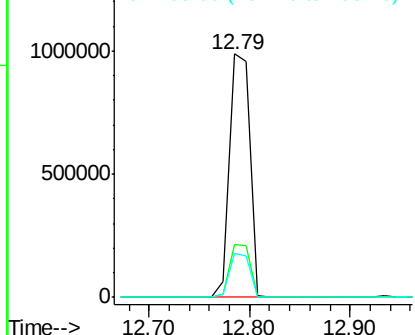
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.0	14.2	21.2

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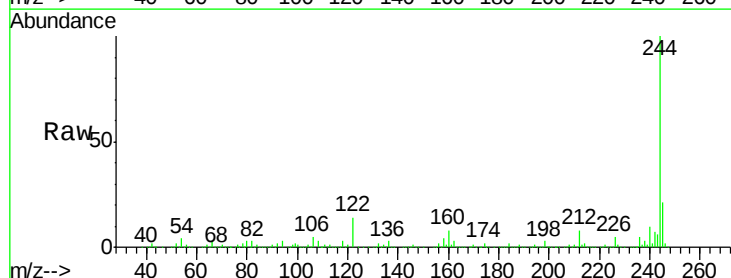


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

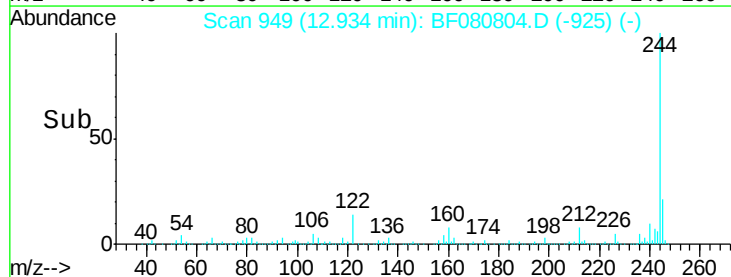
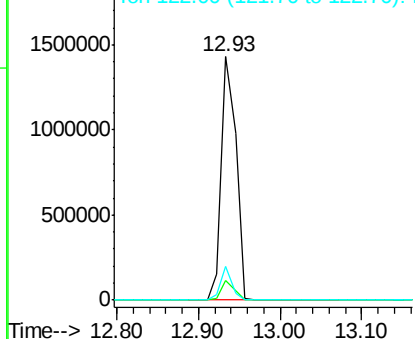


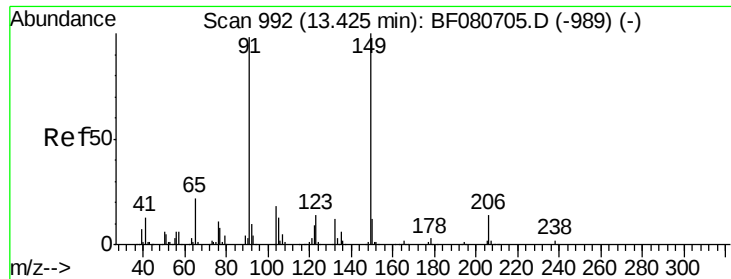
#78
 Terphenyl-d14
 Concen: 61.61 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	13.8	6.6	9.8#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





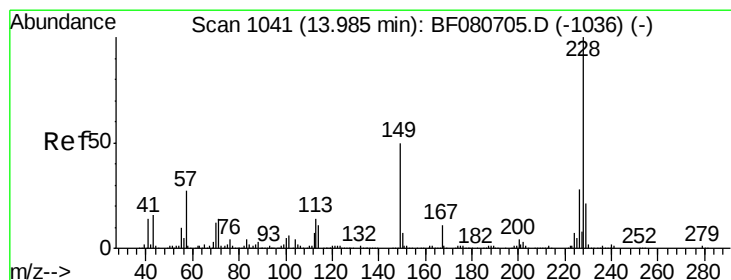
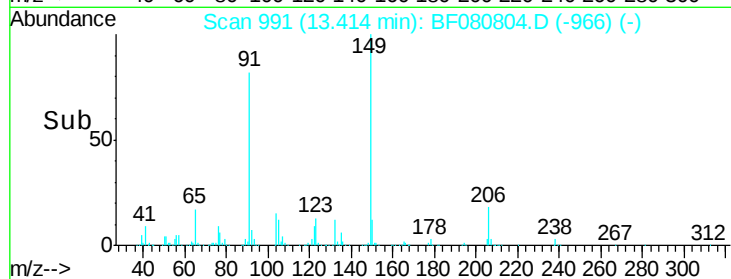
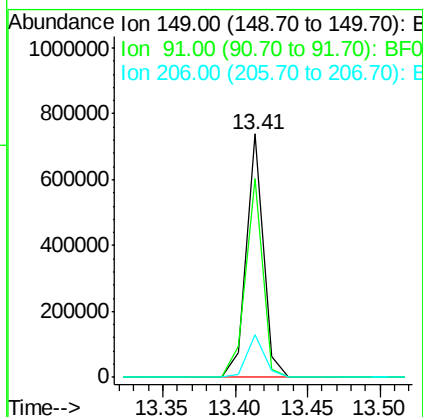
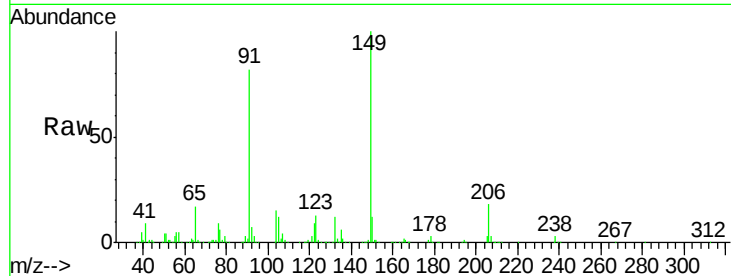
#79
Butylbenzylphthalate
Concen: 35.10 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	605760		
91	81.6	78.6	118.0	
206	17.7	11.4	17.2#	

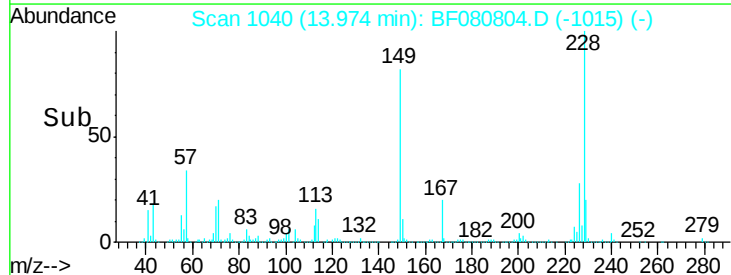
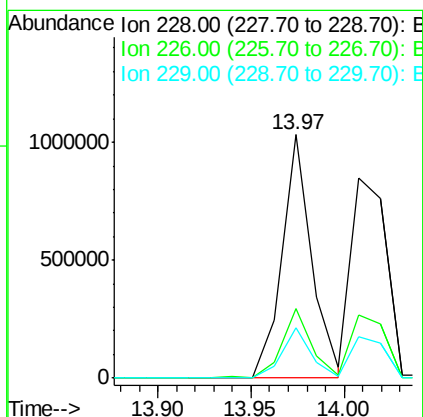
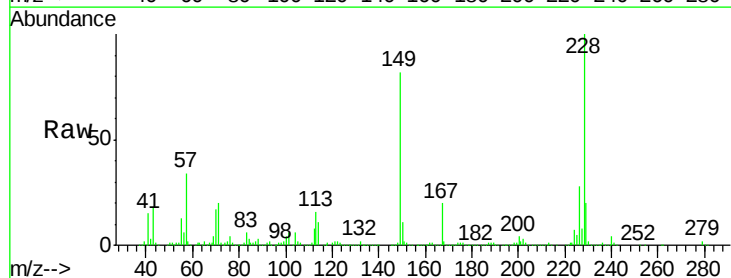
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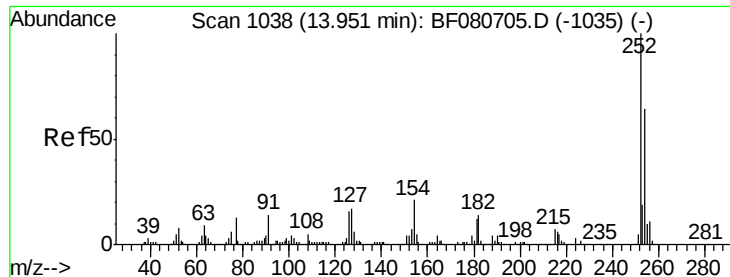
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#80
Benzo(a)anthracene
Concen: 35.20 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1147938		
226	28.4	22.6	33.8	
229	20.5	16.6	25.0	





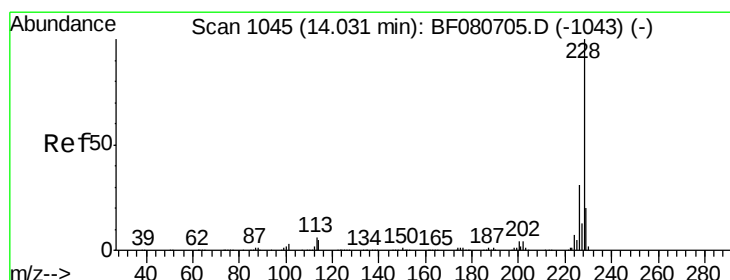
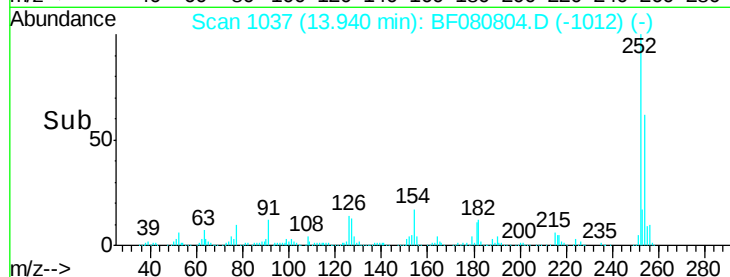
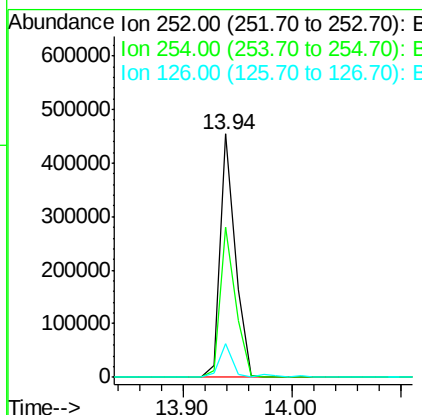
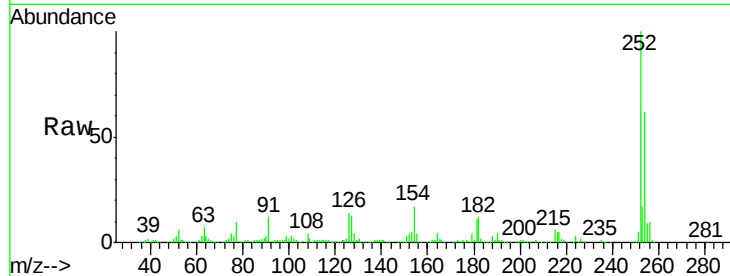
#81
 3,3'-Dichlorobenzidine
 Concen: 39.95 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	444679		
254	61.9	51.0	76.4	
126	13.9	13.2	19.8	

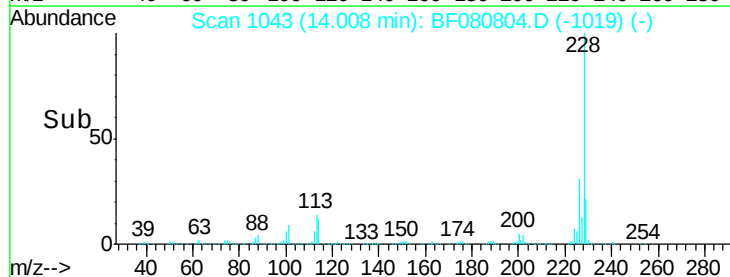
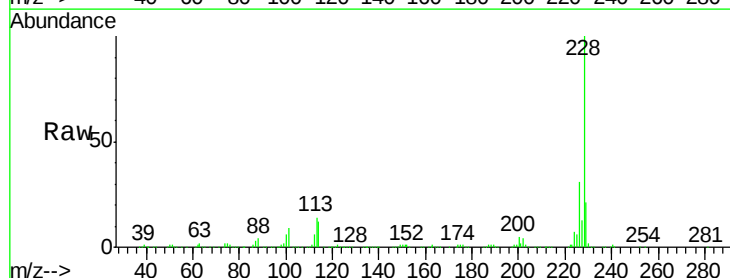
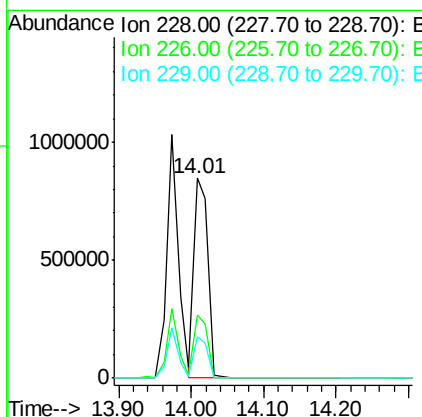
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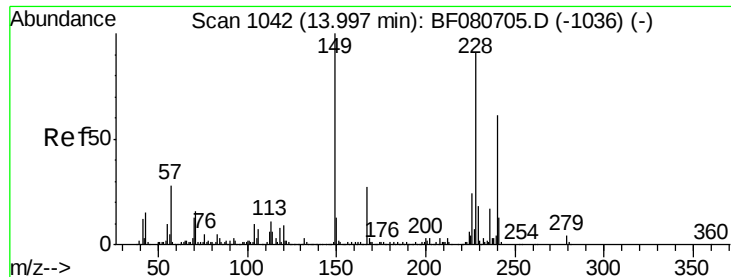
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#82
 Chrysene
 Concen: 35.67 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1129241		
226	31.3	25.1	37.7	
229	20.6	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

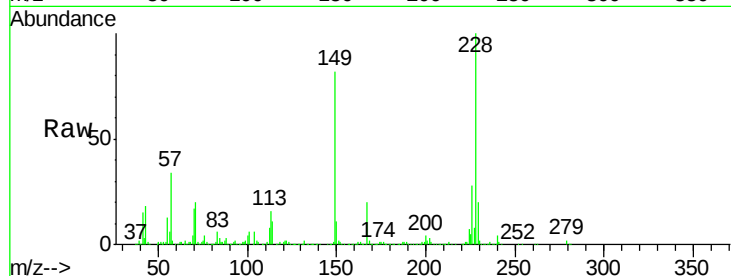
ClientSampleId :

SSTDCCC040

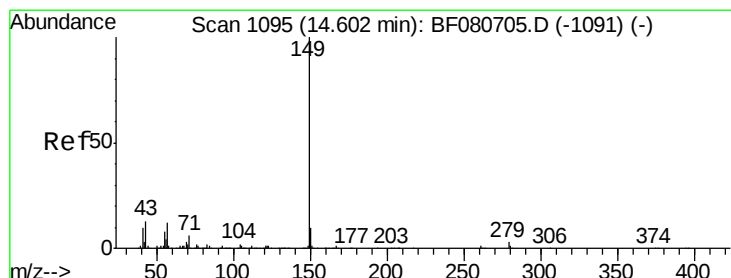
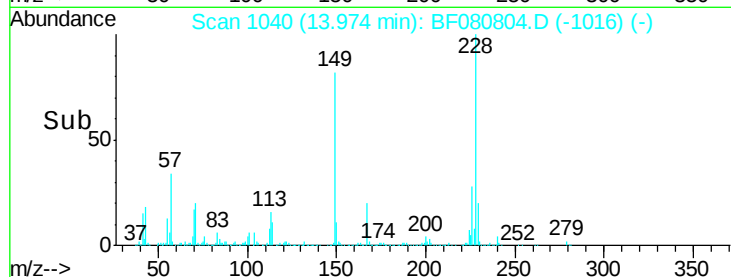
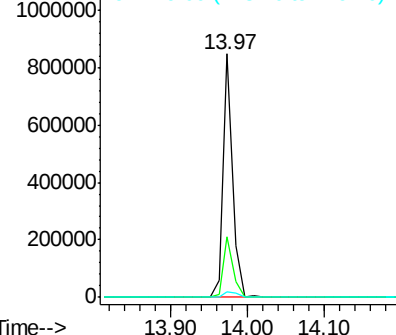
Tgt Ion:	149	Resp:	753617
Ion Ratio		Lower	Upper
149	100		
167	24.9	21.8	32.8
279	2.3	3.4	5.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.60 ng

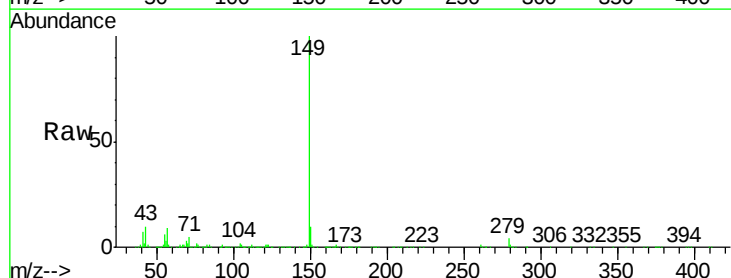
RT: 14.59 min Scan# 1094

Delta R.T. -0.01 min

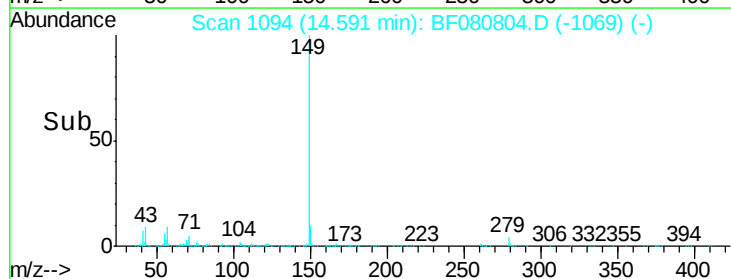
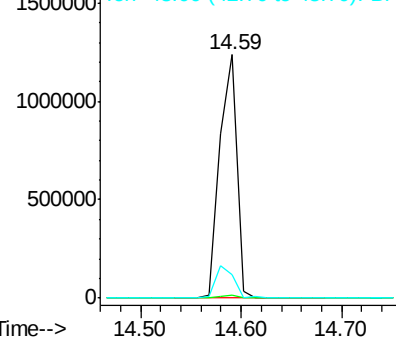
Lab File: BF080804.D

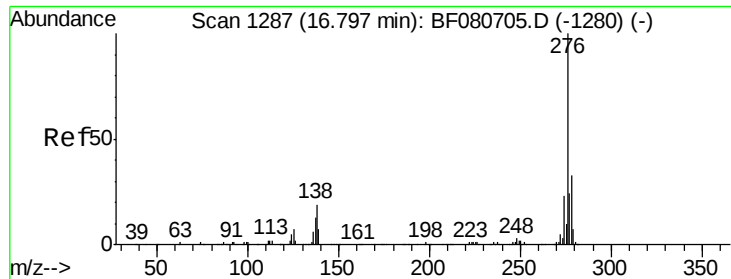
Acq: 2 Aug 2015 12:23

Tgt Ion:	149	Resp:	1460403
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.2	12.2	18.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





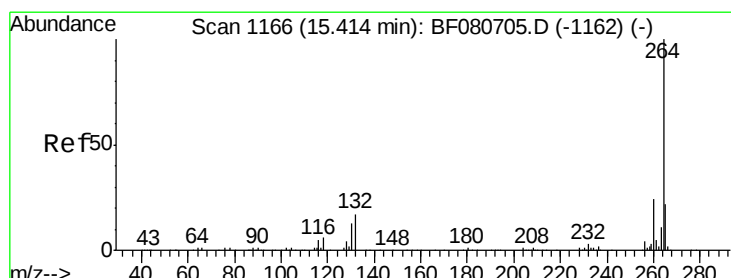
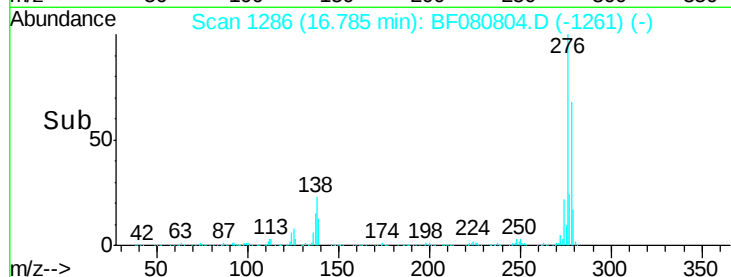
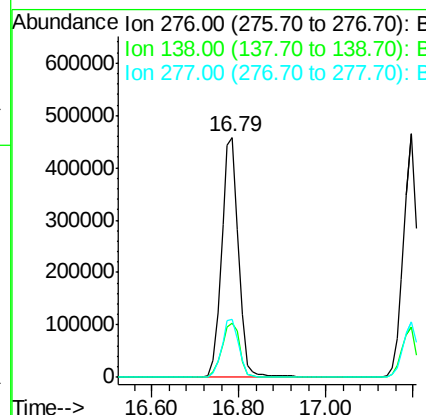
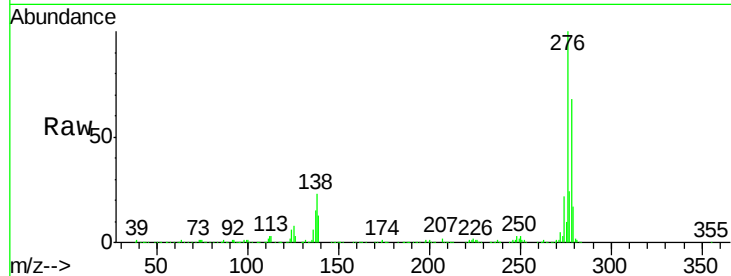
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.11 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	13.2	19.8#
277	24.9	15.4	23.2#

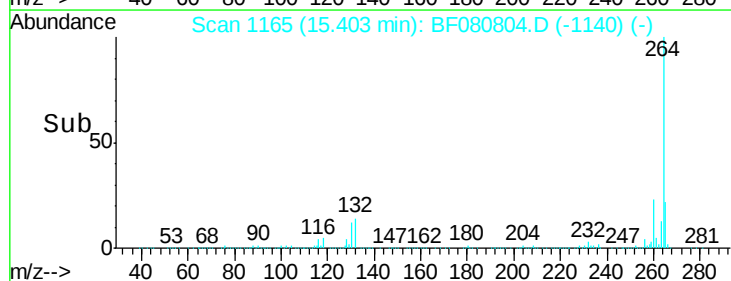
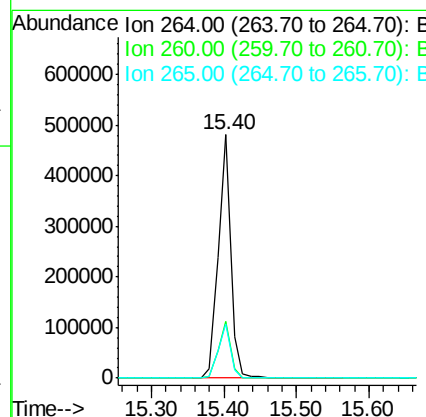
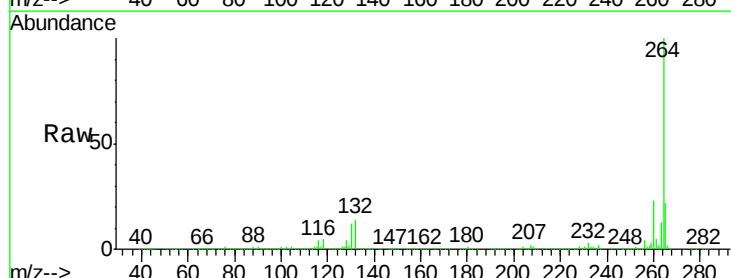
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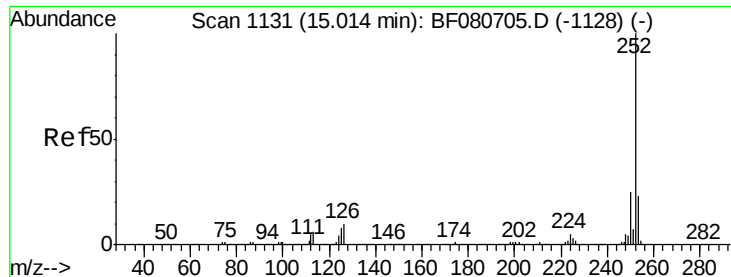
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.86 ng m

RT: 15.00 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Instrument :

BNA_F

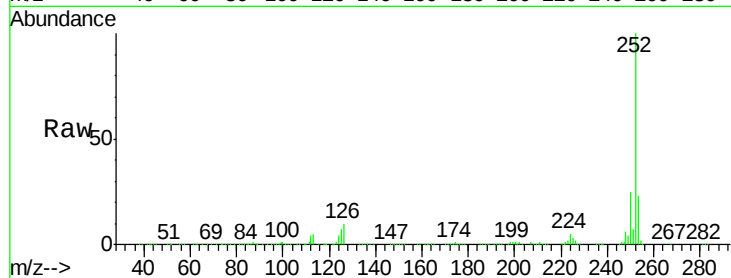
ClientSampleId :

SSTDCCC040

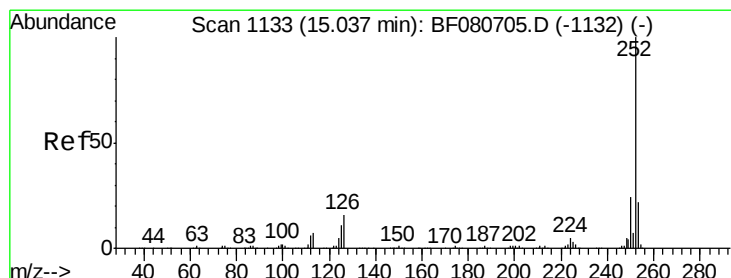
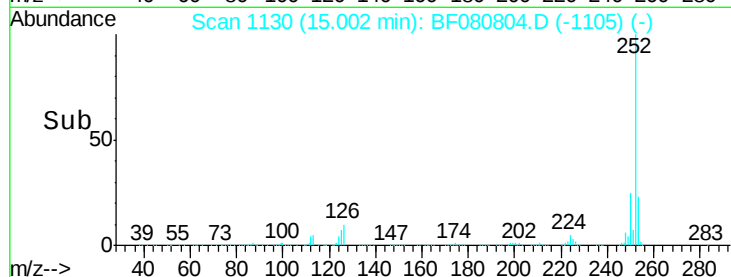
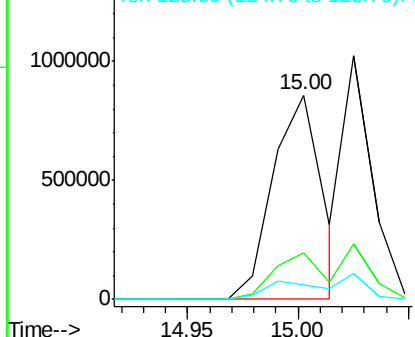
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	7.4	6.2	9.2

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



#88

Benzo(k)fluoranthene

Concen: 33.72 ng m

RT: 15.03 min Scan# 1132

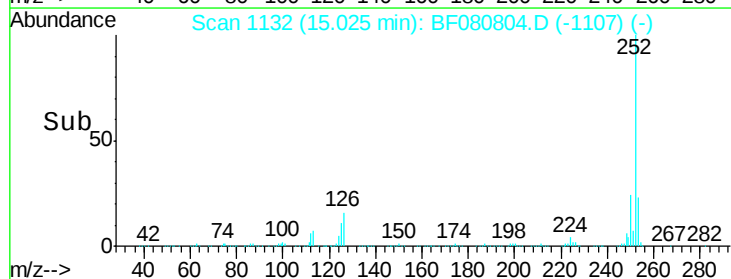
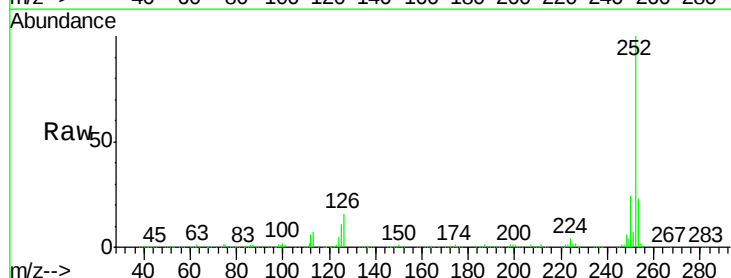
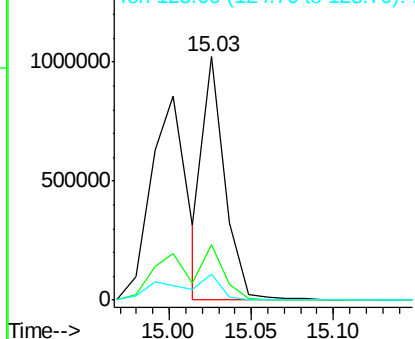
Delta R.T. -0.01 min

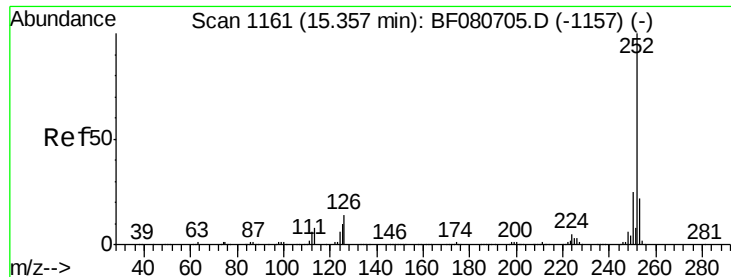
Lab File: BF080804.D

Acq: 2 Aug 2015 12:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	10.7	9.0	13.4

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





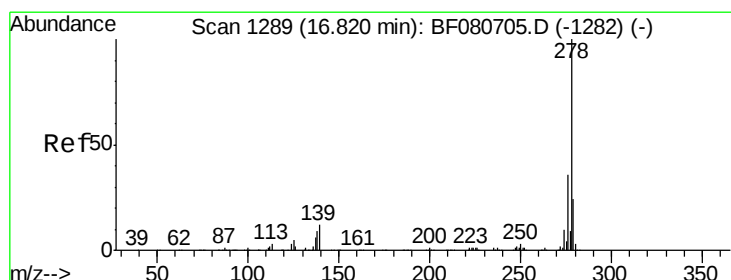
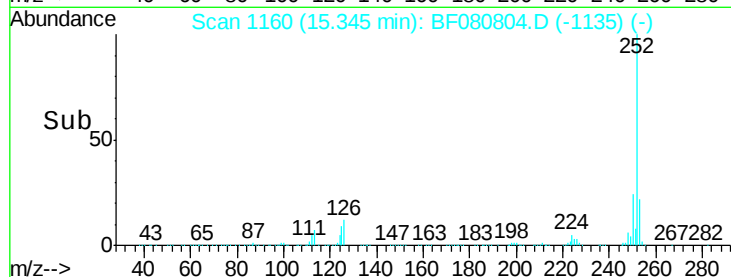
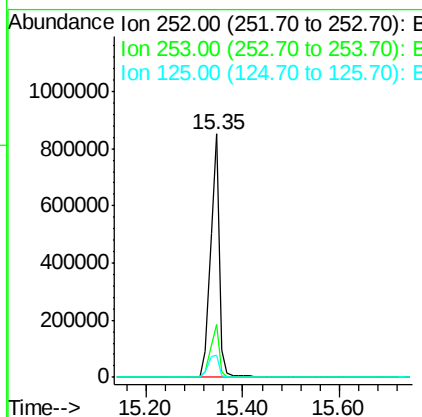
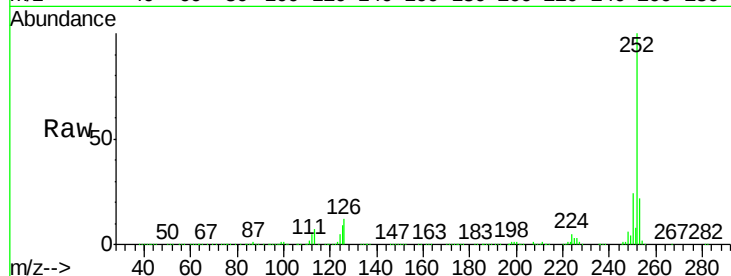
#89
Benzo(a)pyrene
Concen: 38.44 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 252 Resp: 1090294
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.4 8.2 12.4

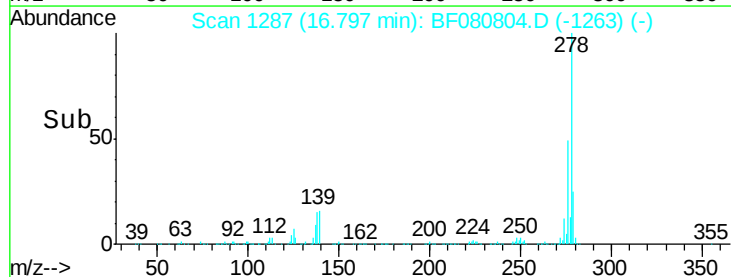
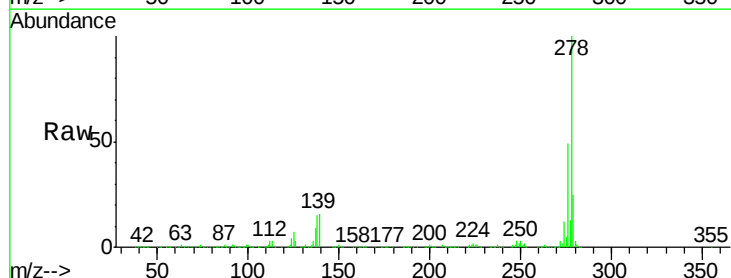
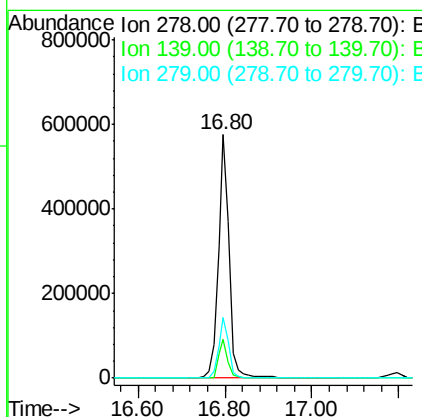
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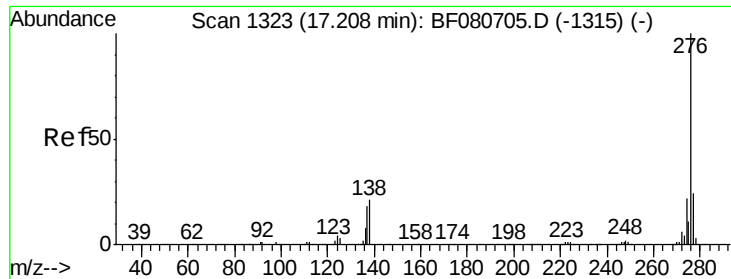
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#90
Dibenzo(a,h)anthracene
Concen: 40.13 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF080804.D
Acq: 2 Aug 2015 12:23

Tgt Ion: 278 Resp: 1018894
Ion Ratio Lower Upper
278 100
139 16.2 9.8 14.8#
279 25.1 19.4 29.2





#91
 Benzo(g,h,i)perylene
 Concen: 40.13 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF080804.D
 Acq: 2 Aug 2015 12:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.9	28.3
138	20.9	16.9	25.3

Manual Integrations
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