

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080743.D
 Acq On : 31 Jul 2015 19:52
 Operator : TP/UM
 Sample : PB84792BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:56:23 AM

Quant Time: Aug 01 02:08:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143118	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	523483	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	253787	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	500349	20.00	ng	0.00
75) Chrysene-d12	14.00	240	321416	20.00	ng	0.00
86) Perylene-d12	15.41	264	275063	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1044915	125.25	ng	0.02
7) Phenol-d6	6.49	99	1332197	117.29	ng	0.00
23) Nitrobenzene-d5	7.41	82	870696	80.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	353199	134.12	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1550893	91.17	ng	0.00
78) Terphenyl-d14	12.96	244	1366042	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	136663	33.22	ng	98
3) Pyridine	3.31	79	407713	35.72	ng	97
4) n-Nitrosodimethylamine	3.25	42	246733	37.81	ng	100
6) Aniline	6.51	93	298687	18.27	ng	91
8) 2-Chlorophenol	6.64	128	350429	37.47	ng	97
9) Benzaldehyde	6.40	77	91984	11.09	ng	90
10) Phenol	6.50	94	528710	40.23	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	346046	36.86	ng	98
12) 1,3-Dichlorobenzene	6.80	146	407932	39.19	ng	96
13) 1,4-Dichlorobenzene	6.88	146	392458	36.95	ng	96
14) 1,2-Dichlorobenzene	7.02	146	391096	40.29	ng	94
15) Benzyl Alcohol	7.00	79	289155	30.65	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	814093	40.58	ng	99
17) 2-Methylphenol	7.10	107	299407	39.01	ng	99
18) Hexachloroethane	7.37	117	153928	38.83	ng	90
19) n-Nitroso-di-n-propylamine	7.26	70	283543	37.07	ng	96
20) 3+4-Methylphenols	7.26	107	375604	39.66	ng	# 74
22) Acetophenone	7.26	105	506817	40.11	ng	# 86
24) Nitrobenzene	7.44	77	475805	43.93	ng	93
25) Isophorone	7.68	82	781837	40.67	ng	97
26) 2-Nitrophenol	7.76	139	185389m	42.17	ng	
27) 2,4-Dimethylphenol	7.79	122	429353	51.99	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	475175	41.72	ng	99
29) 2,4-Dichlorophenol	8.00	162	308962	42.09	ng	94
30) 1,2,4-Trichlorobenzene	8.08	180	301811	37.70	ng	98
31) Naphthalene	8.16	128	981588	37.57	ng	100
32) Benzoic acid	7.90	122	163565	28.37	ng	99
33) 4-Chloroaniline	8.20	127	81091	7.35	ng	# 90
34) Hexachlorobutadiene	8.28	225	210072	40.64	ng	99
35) Caprolactam	8.57	113	87696m	39.89	ng	
36) 4-Chloro-3-methylphenol	8.69	107	353654	44.68	ng	94
37) 2-Methylnaphthalene	8.85	142	700330	42.70	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	288862	36.24	ng	# 96
40) Hexachlorocyclopentadiene	9.00	237	406390	82.88	ng	98

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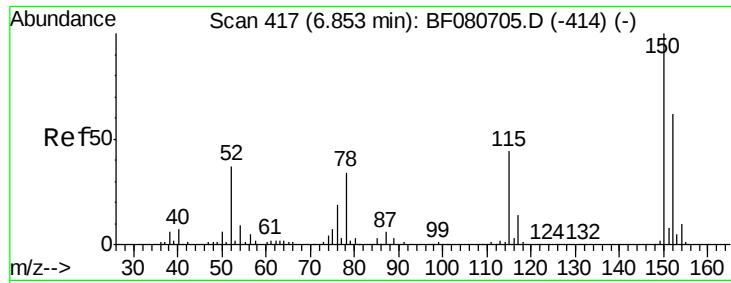
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	191471m	34.53	ng	
43) 2,4,5-Trichlorophenol	9.17	196	246031m	44.74	ng	
45) 1,1'-Biphenyl	9.31	154	746543	38.36	ng	96
46) 2-Chloronaphthalene	9.33	162	598078	37.63	ng	# 92
47) 2-Nitroaniline	9.42	65	238527	38.57	ng	# 71
48) Acenaphthylene	9.76	152	1043330	41.28	ng	98
49) Dimethylphthalate	9.62	163	800460	44.76	ng	98
50) 2,6-Dinitrotoluene	9.68	165	176849	46.59	ng	87
51) Acenaphthene	9.93	154	720612	46.74	ng	99
52) 3-Nitroaniline	9.84	138	72390	16.53	ng	# 60
53) 2,4-Dinitrophenol	9.95	184	186829	92.42	ng	# 45
54) Dibenzofuran	10.10	168	894898	43.40	ng	96
55) 4-Nitrophenol	10.00	139	226341	70.14	ng	# 57
56) 2,4-Dinitrotoluene	10.08	165	241468	48.51	ng	98
57) Fluorene	10.43	166	633087	39.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	200325	48.30	ng	97
59) Diethylphthalate	10.32	149	754429	43.76	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	336398	48.73	ng	93
61) 4-Nitroaniline	10.45	138	162217	41.02	ng	97
62) Azobenzene	10.59	77	922096	49.37	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	113045	37.51	ng	94
65) n-Nitrosodiphenylamine	10.54	169	580209	35.37	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	224181	43.40	ng	# 90
67) Hexachlorobenzene	10.98	284	226556	37.94	ng	# 90
68) Atrazine	11.07	200	188542	51.54	ng	98
69) Pentachlorophenol	11.17	266	285907	79.12	ng	99
70) Phenanthrene	11.39	178	924023	36.66	ng	99
71) Anthracene	11.45	178	1083704	43.75	ng	99
72) Carbazole	11.60	167	833147	38.75	ng	99
73) Di-n-butylphthalate	11.94	149	1180072	44.27	ng	99
74) Fluoranthene	12.58	202	1068298	43.83	ng	97
76) Benzidine	12.69	184	310572	26.54	ng	100
77) Pyrene	12.81	202	1043947	41.88	ng	100
79) Butylbenzylphthalate	13.43	149	404088	39.30	ng	90
80) Benzo(a)anthracene	13.99	228	716591	37.07	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	128864	19.53	ng	# 98
82) Chrysene	14.02	228	653259	34.82	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	539335	43.46	ng	# 93
84) Di-n-octyl phthalate	14.60	149	849322	40.82	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	658921	39.30	ng	# 88
87) Benzo(b)fluoranthene	15.00	252	684544m	41.66	ng	
88) Benzo(k)fluoranthene	15.04	252	484509m	35.83	ng	
89) Benzo(a)pyrene	15.36	252	573402	42.51	ng	# 97
90) Dibenzo(a,h)anthracene	16.81	278	562457	46.58	ng	98
91) Benzo(g,h,i)perylene	17.21	276	559133	47.06	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

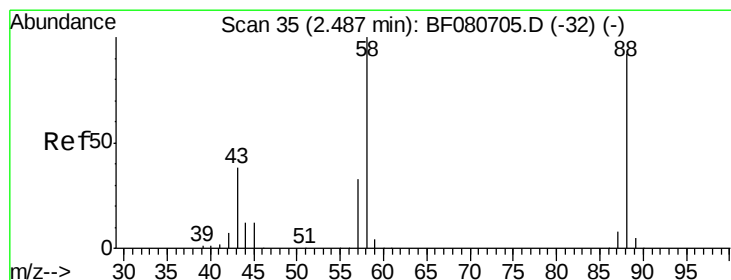
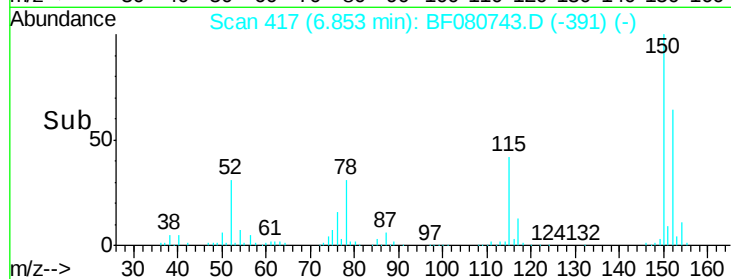
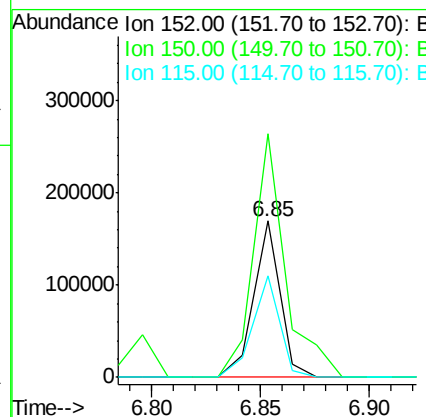
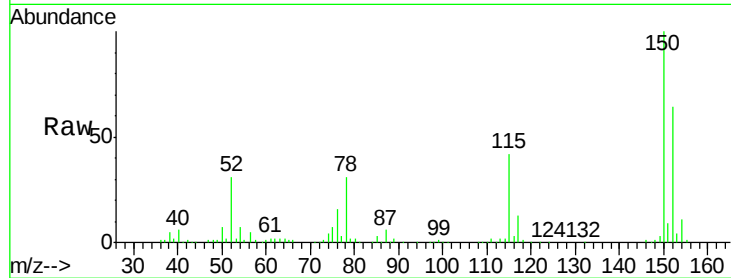
ClientSampleId :

PB84792BS

Tgt Ion:	152	Resp:	143118
Ion Ratio	Lower	Upper	
152	100		
150	156.1	129.6	194.4
115	64.9	56.6	85.0

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#2

1,4-Dioxane

Concen: 33.22 ng

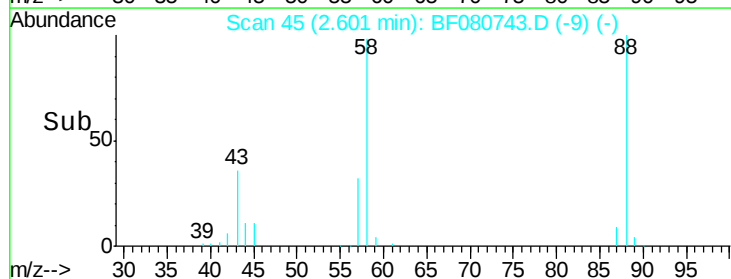
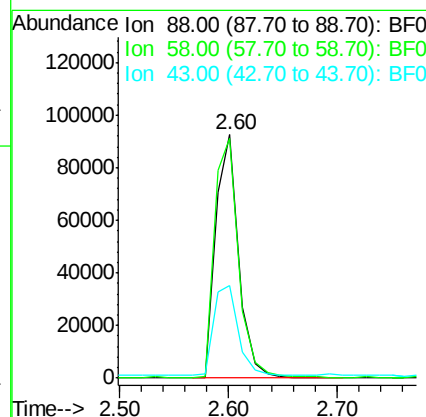
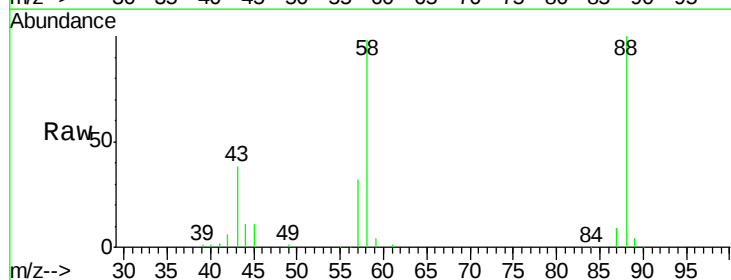
RT: 2.60 min Scan# 45

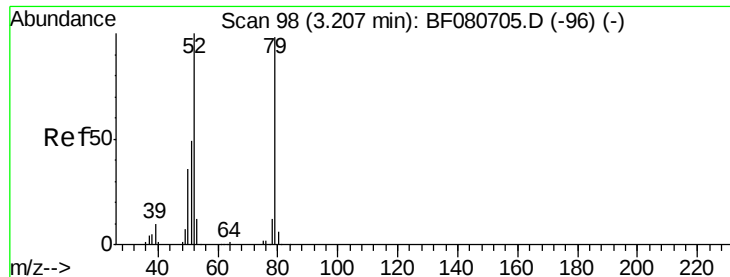
Delta R.T. 0.11 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	88	Resp:	136663
Ion Ratio	Lower	Upper	
88	100		
58	104.3	82.3	123.5
43	40.7	31.7	47.5





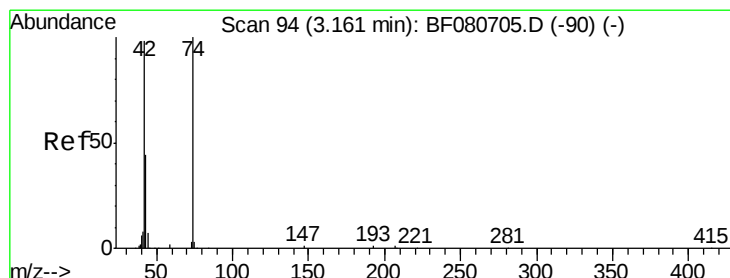
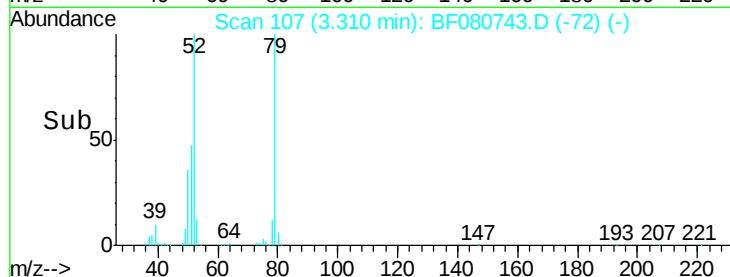
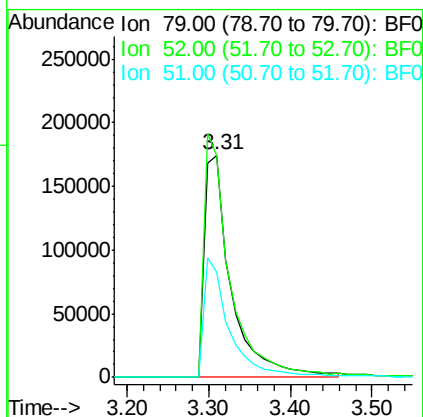
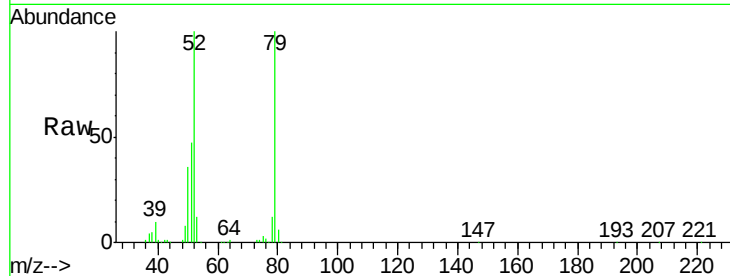
#3
 Pyridine
 Concen: 35.72 ng
 RT: 3.31 min Scan# 107
 Delta R.T. 0.10 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	99.7	81.6	122.4
51	47.2	40.2	60.2

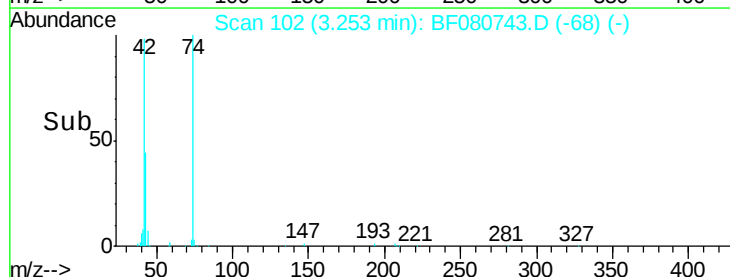
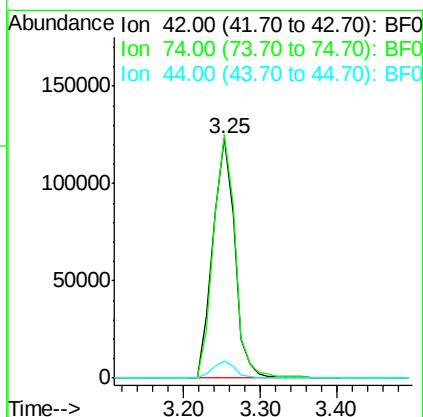
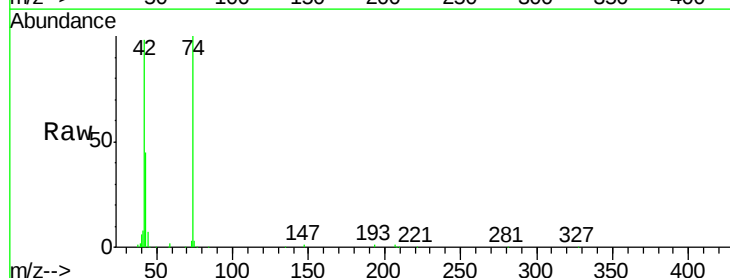
Manual Integrations
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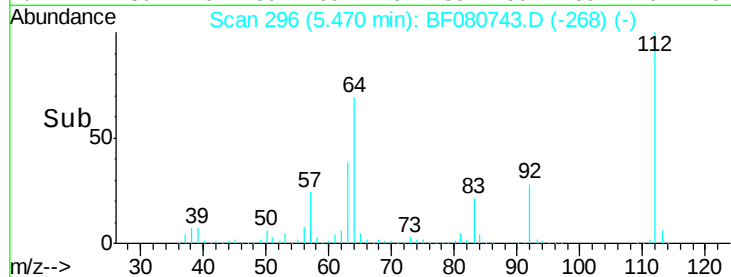
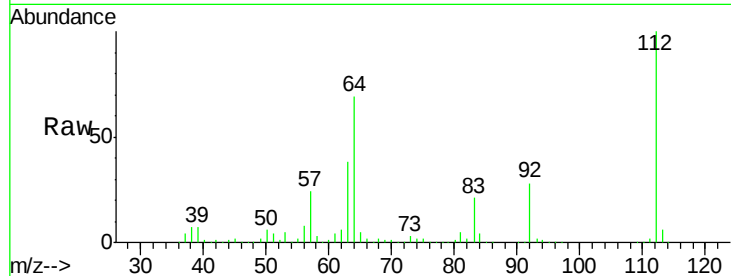
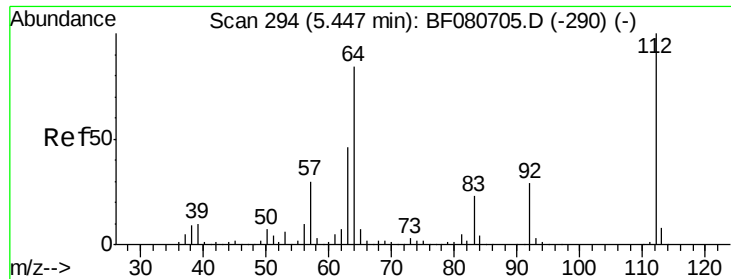
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#4
 n-Nitrosodimethylamine
 Concen: 37.81 ng
 RT: 3.25 min Scan# 102
 Delta R.T. 0.09 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.7	81.5	122.3
44	7.3	5.6	8.4





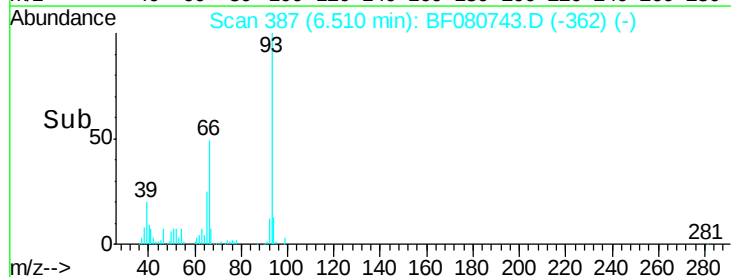
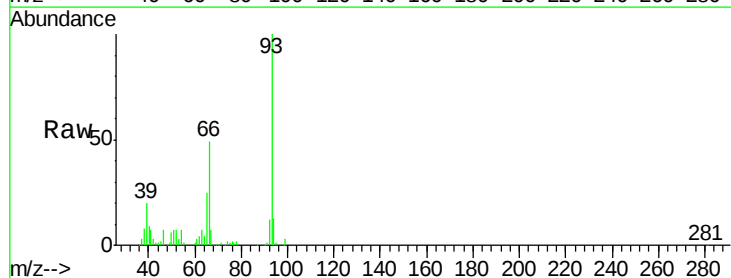
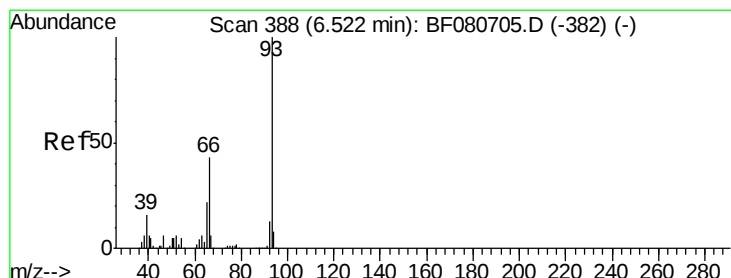
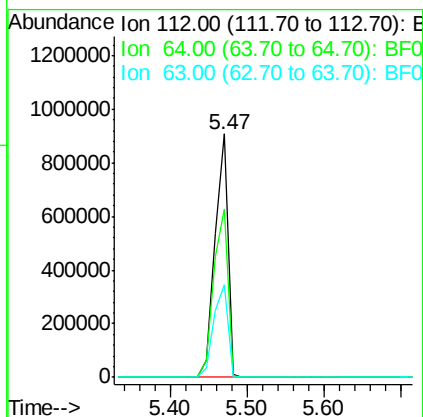
#5
2-Fluorophenol
Concen: 125.25 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	66.8	100.2
63	38.1	36.7	55.1

Instrument :
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ClientSampleId :
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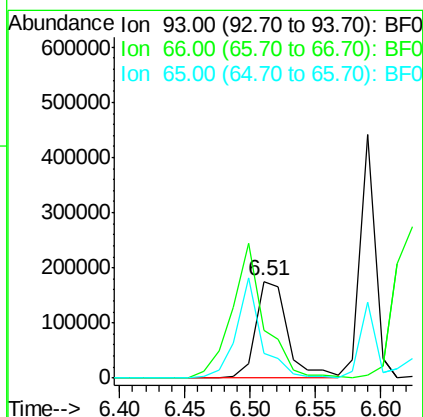
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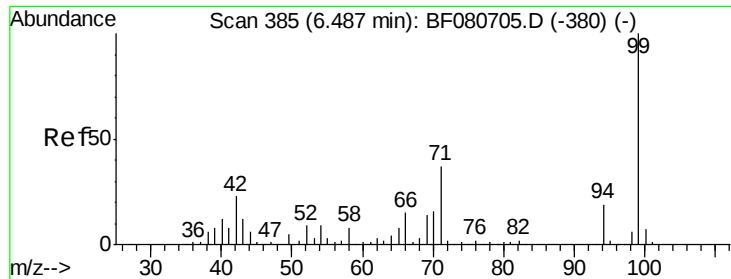
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#6
Aniline
Concen: 18.27 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.5	34.3	51.5
65	25.2	17.6	26.4





#7

Phenol-d6

Concen: 117.29 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84792BS

Tgt Ion: 99 Resp: 1332197

Ion Ratio Lower Upper

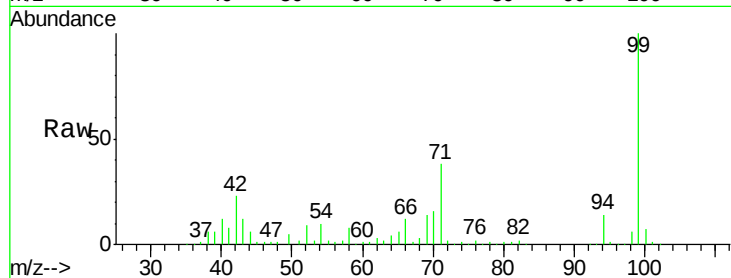
99 100

42 23.3 18.2 27.2

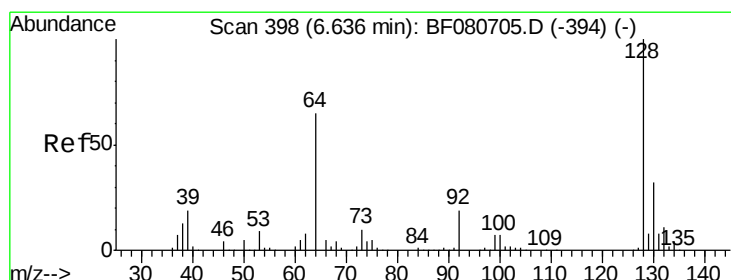
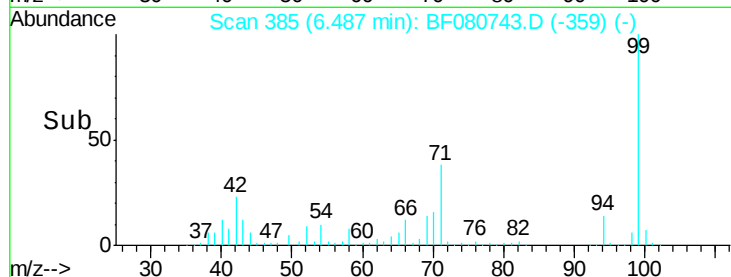
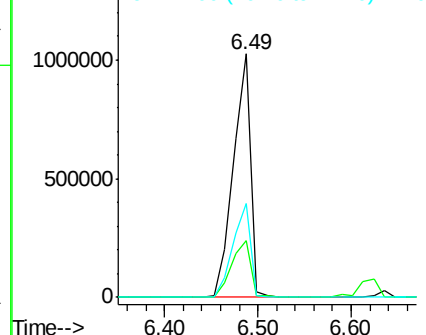
71 38.5 29.5 44.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.47 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

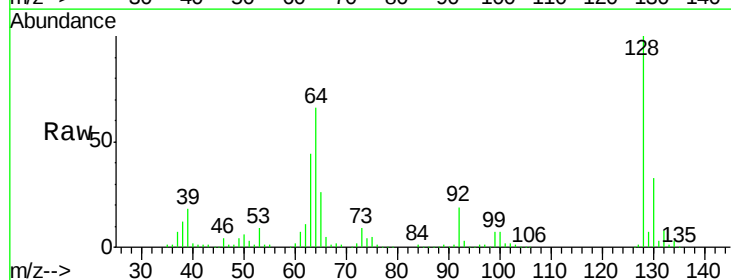
Tgt Ion: 128 Resp: 350429

Ion Ratio Lower Upper

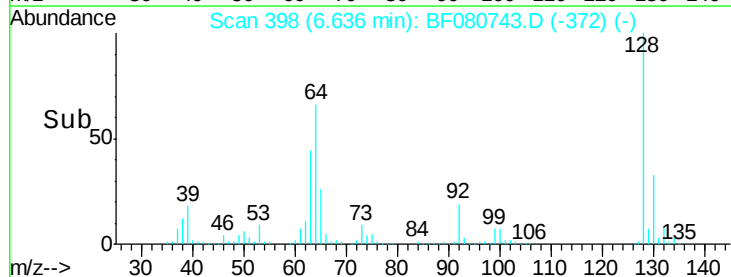
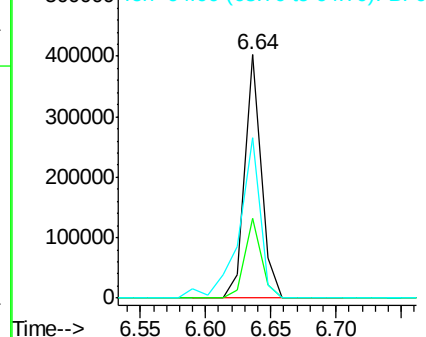
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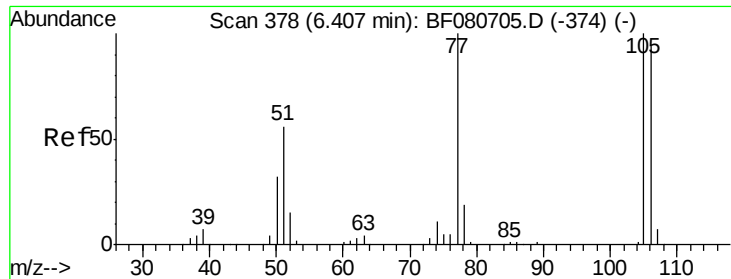
130 32.7 11.7 51.7

64 66.1 48.7 88.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.09 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080743.D

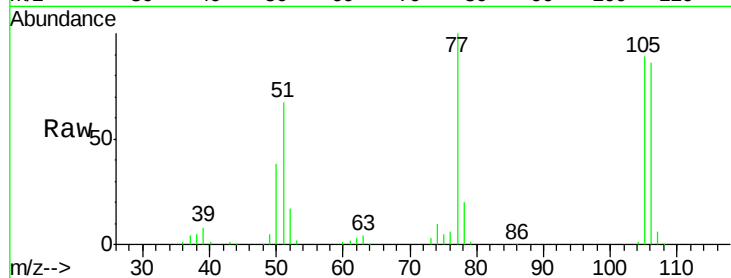
Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

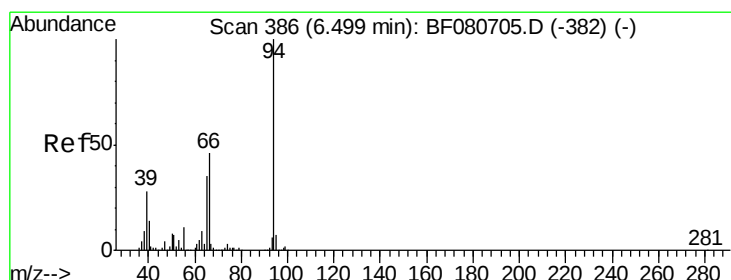
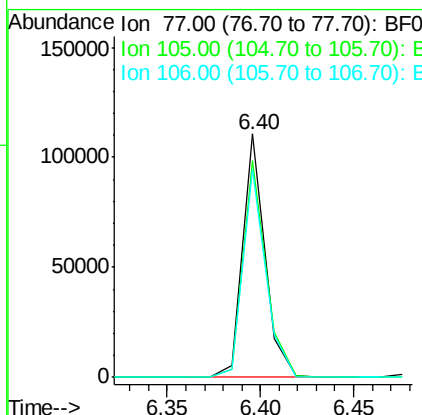
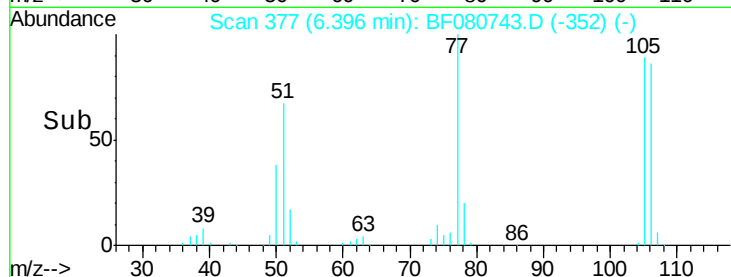
PB84792BS



Tgt Ion:	77	Resp:	91984
Ion	Ratio	Lower	Upper
77	100		
105	89.2	80.2	120.2
106	85.6	74.2	114.2

Manual Integrations
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#10

Phenol

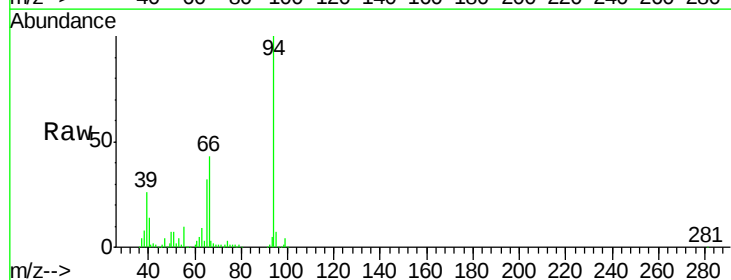
Concen: 40.23 ng

RT: 6.50 min Scan# 386

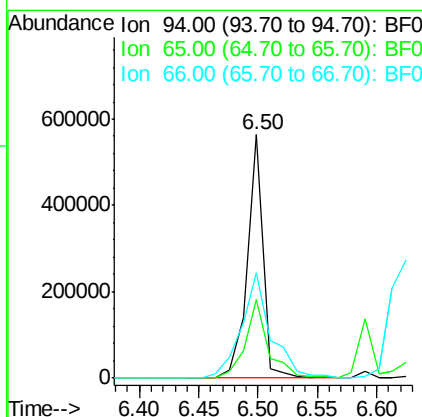
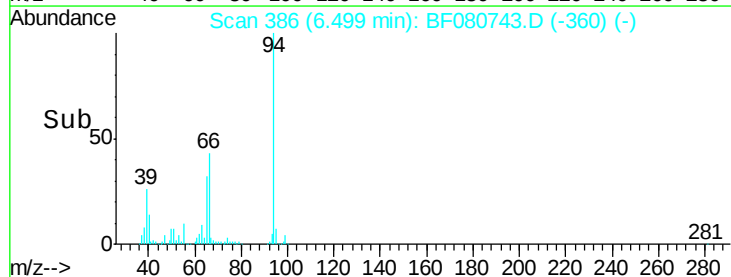
Delta R.T. -0.00 min

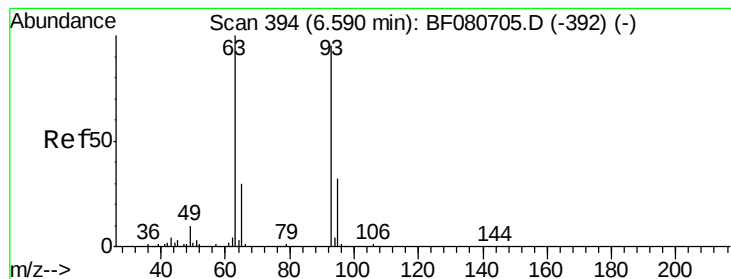
Lab File: BF080743.D

Acq: 31 Jul 2015 19:52



Tgt Ion:	94	Resp:	528710
Ion	Ratio	Lower	Upper
94	100		
65	32.4	14.7	54.7
66	43.4	25.9	65.9





#11

bis(2-Chloroethyl)ether

Concen: 36.86 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

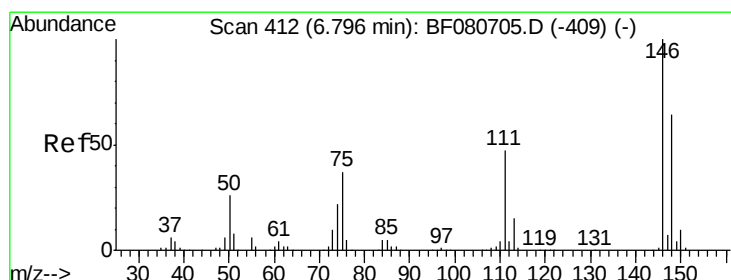
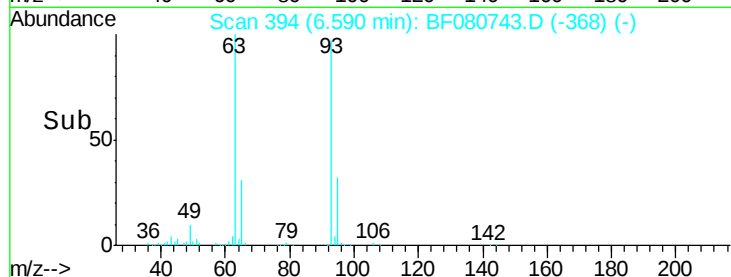
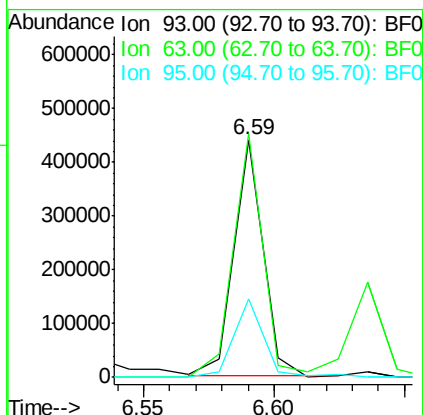
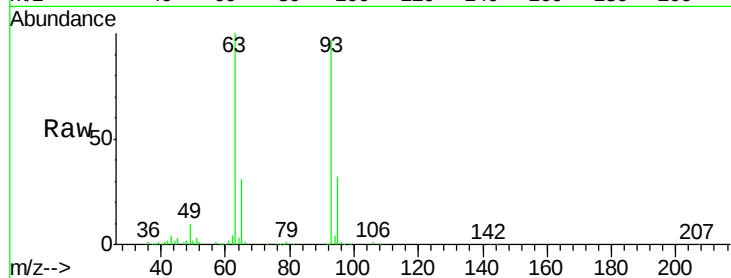
ClientSampleId :

PB84792BS

Tgt Ion:	93	Resp:	346046
Ion	Ratio	Lower	Upper
93	100		
63	102.6	85.3	125.3
95	33.0	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.19 ng

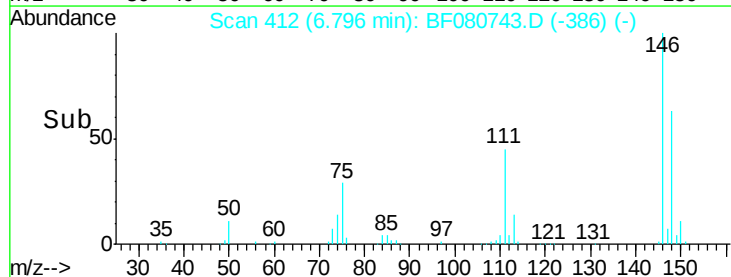
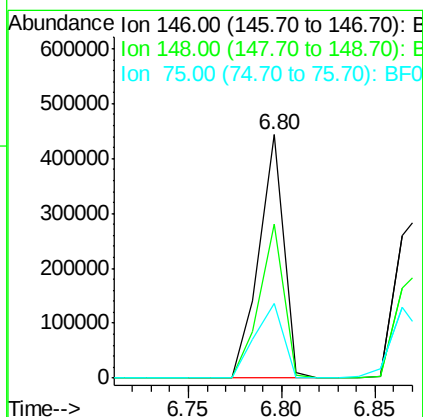
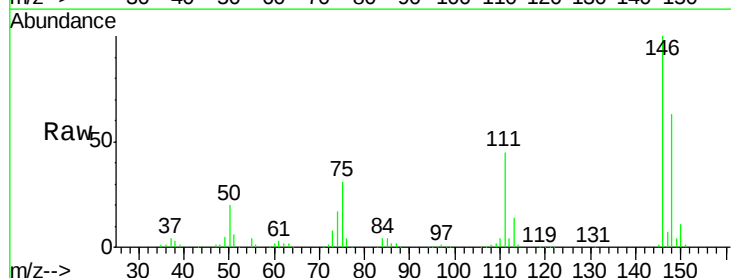
RT: 6.80 min Scan# 412

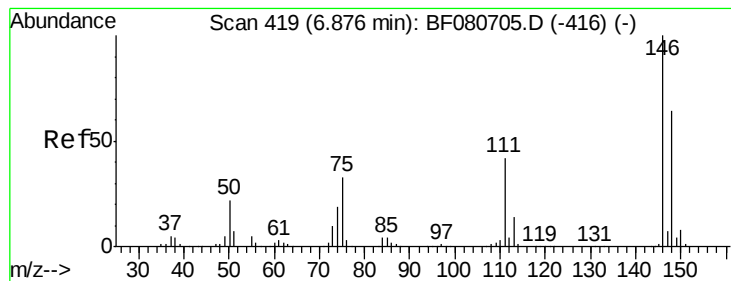
Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	146	Resp:	407932
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
75	30.6	29.4	44.0





#13

1,4-Dichlorobenzene

Concen: 36.95 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

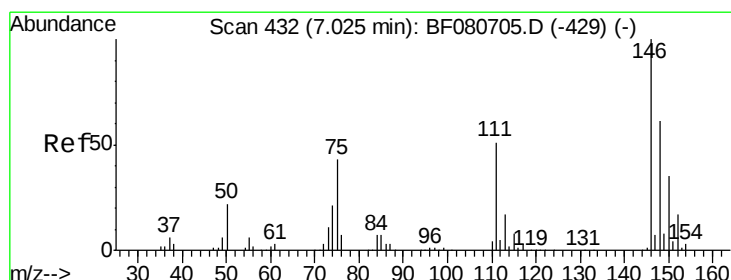
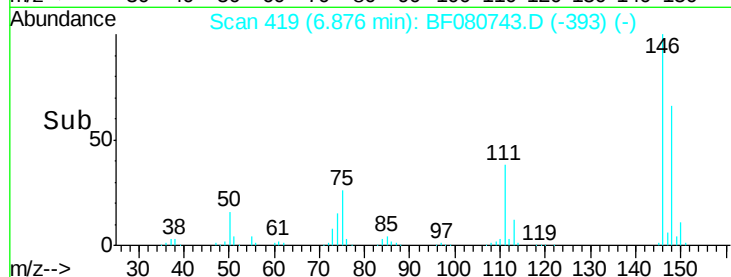
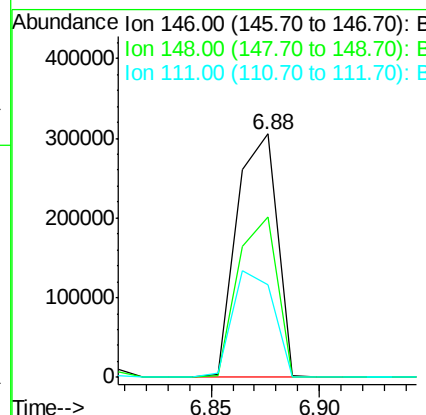
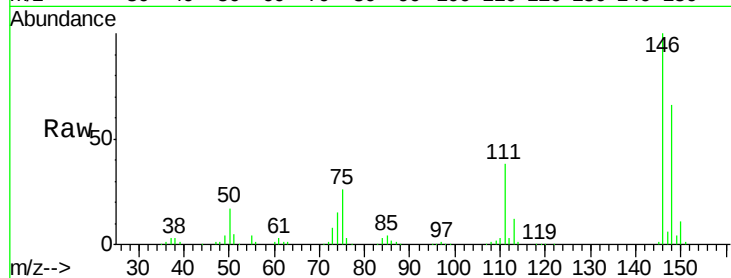
ClientSampleId :

PB84792BS

Tgt Ion:	146	Resp:	392458
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.4	77.2
111	38.1	33.8	50.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.29 ng

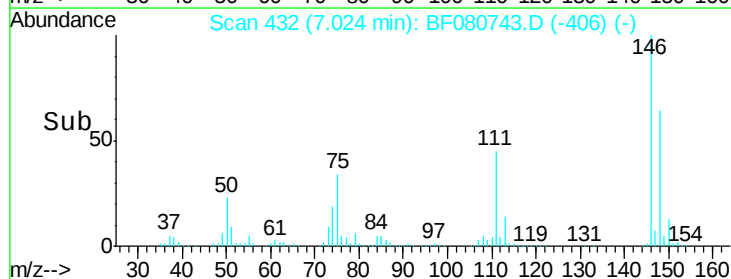
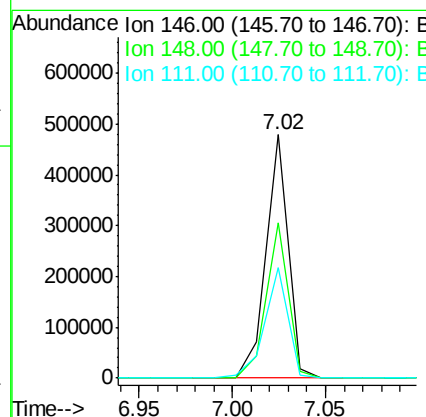
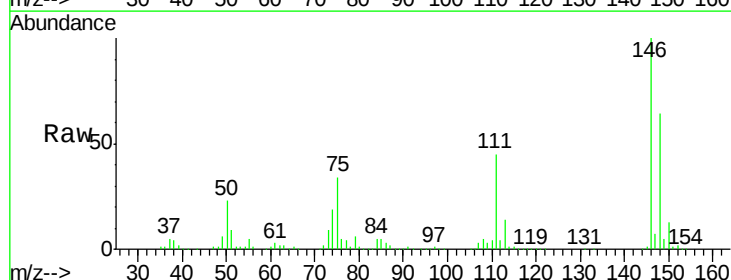
RT: 7.02 min Scan# 432

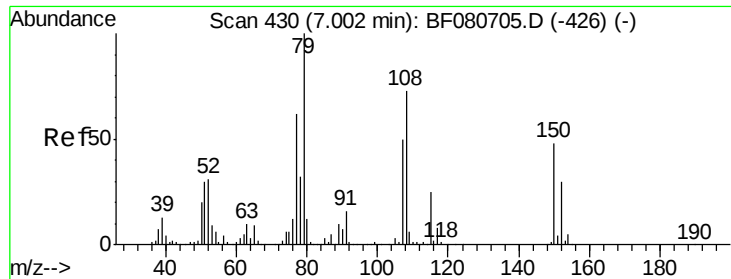
Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	146	Resp:	391096
Ion Ratio	Lower	Upper	
146	100		
148	63.9	49.2	73.8
111	45.1	41.0	61.4





#15

Benzyl Alcohol

Concen: 30.65 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

PB84792BS

Tgt Ion: 79 Resp: 289155
Ion Ratio Lower Upper

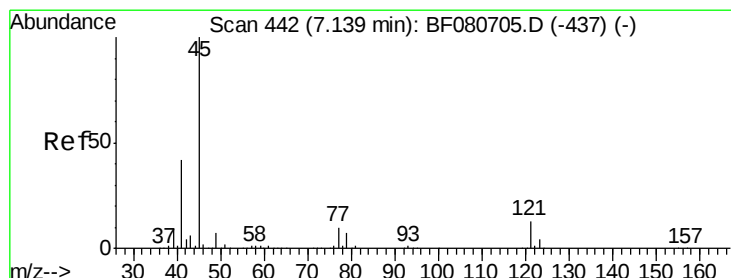
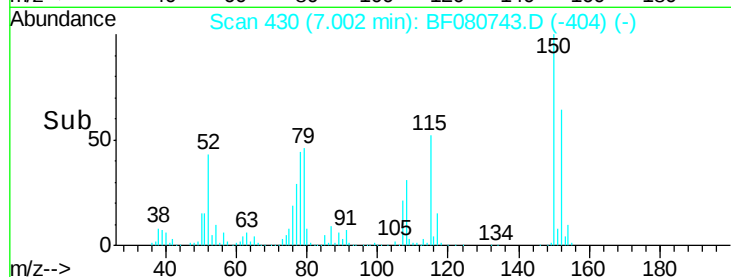
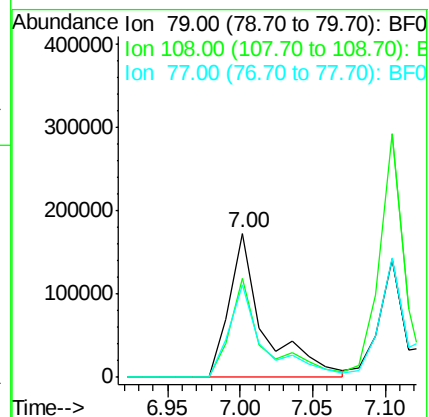
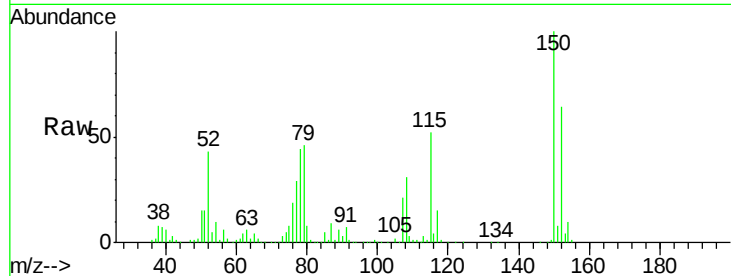
79 100

108 68.3 58.7 88.1

77 64.2 49.8 74.8

Manual Integrations
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8/3/2015 11:56:23 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.58 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080743.D

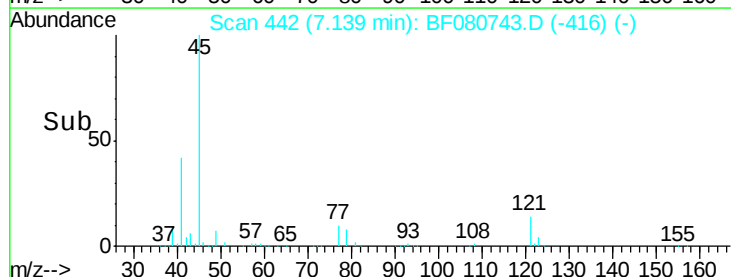
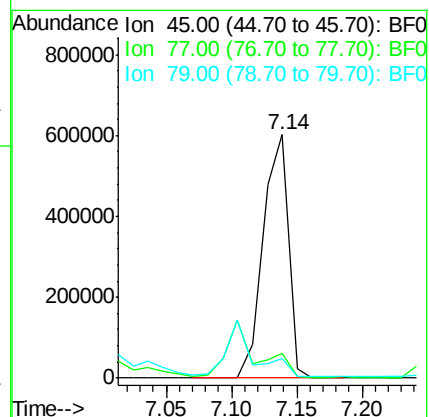
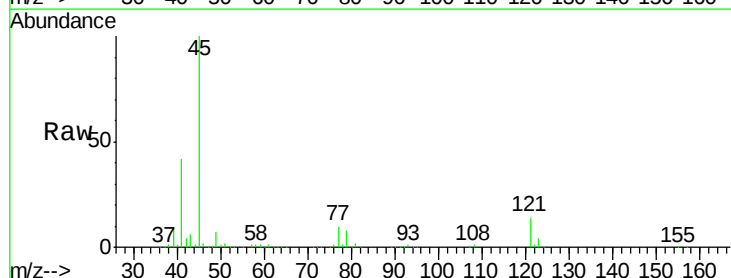
Acq: 31 Jul 2015 19:52

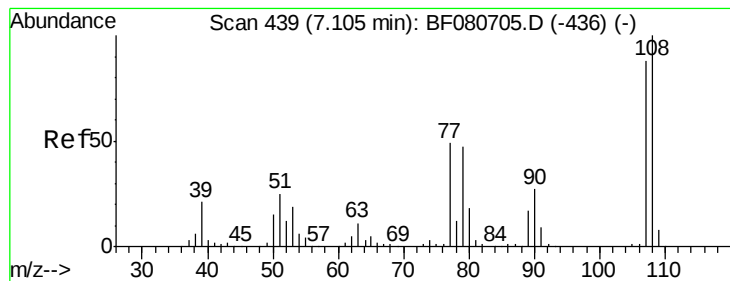
Tgt Ion: 45 Resp: 814093
Ion Ratio Lower Upper

45 100

77 10.1 0.0 29.9

79 8.2 0.0 27.4





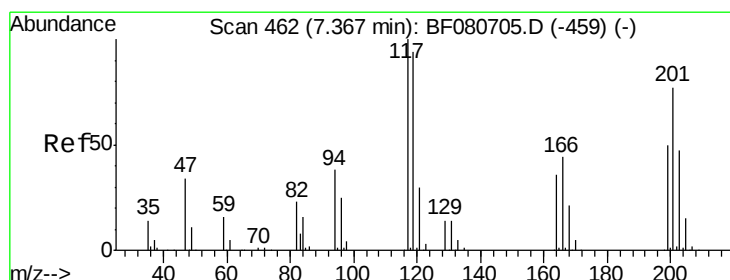
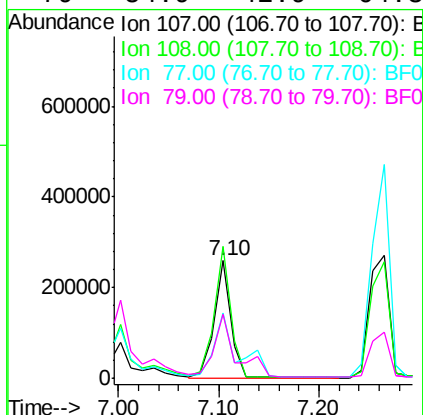
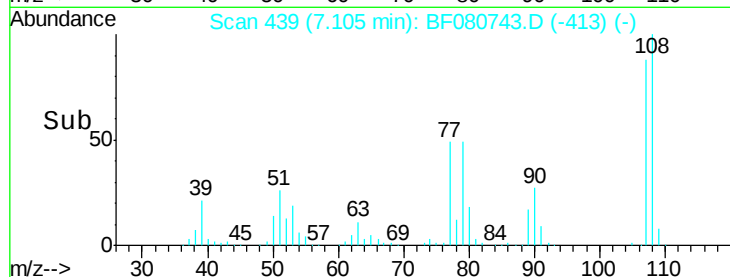
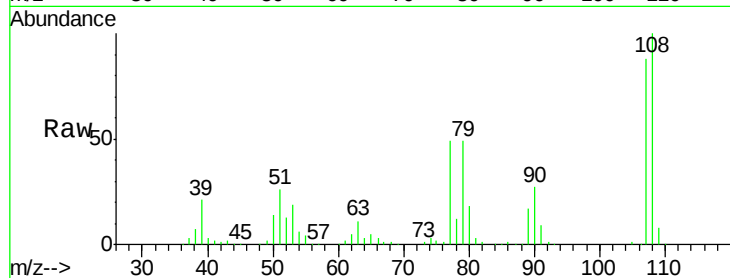
#17
2-Methylphenol
Concen: 39.01 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	299407		
108	113.0	90.8	136.2	
77	55.3	44.6	67.0	
79	54.9	42.9	64.3	

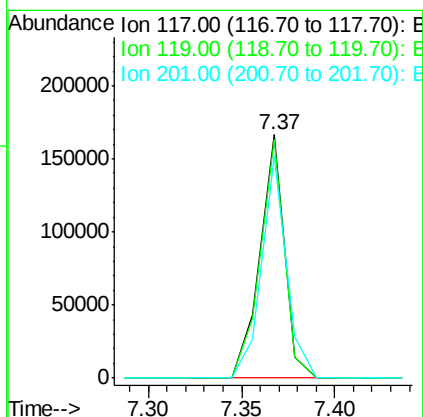
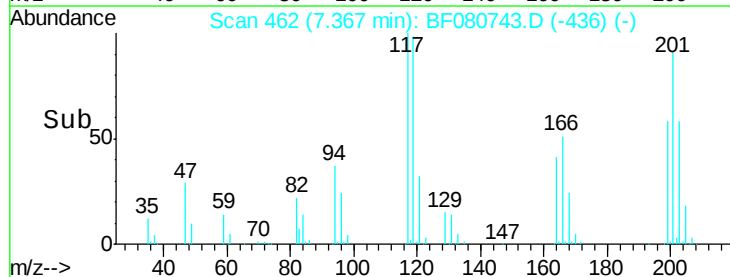
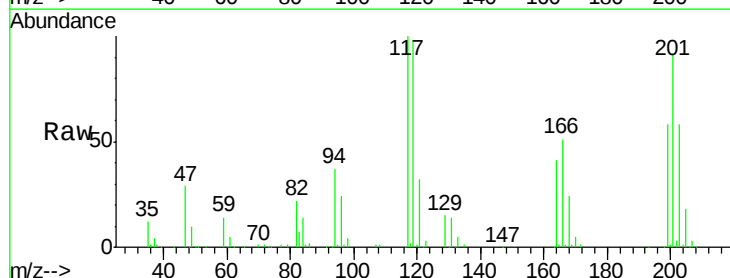
Manual Integrations
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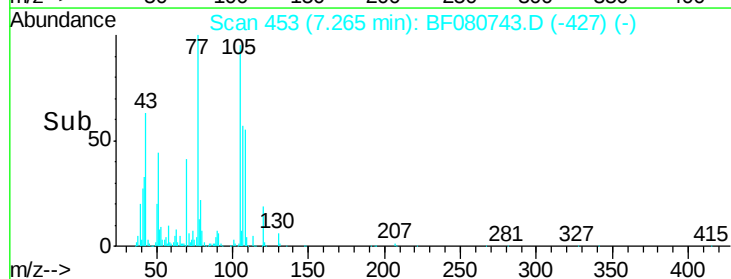
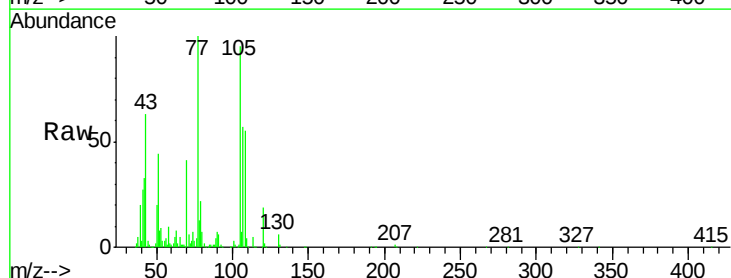
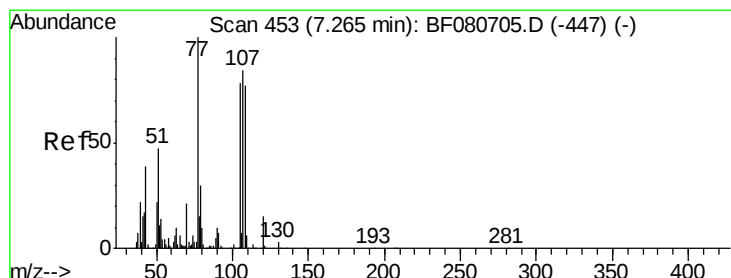
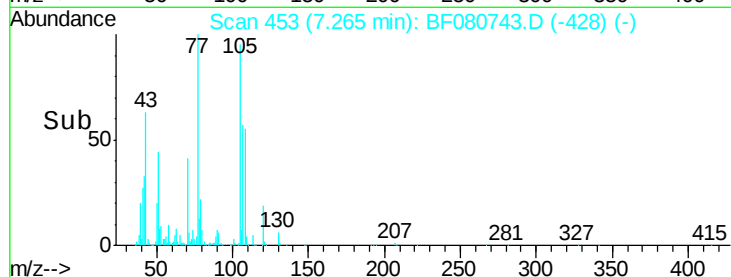
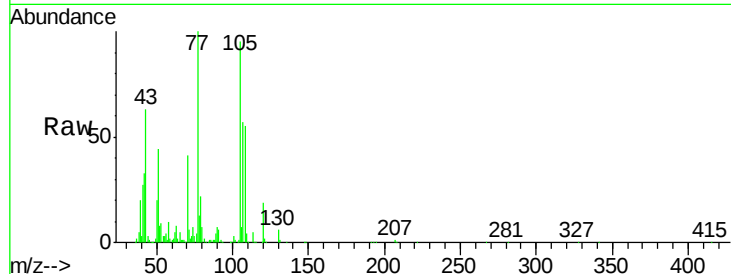
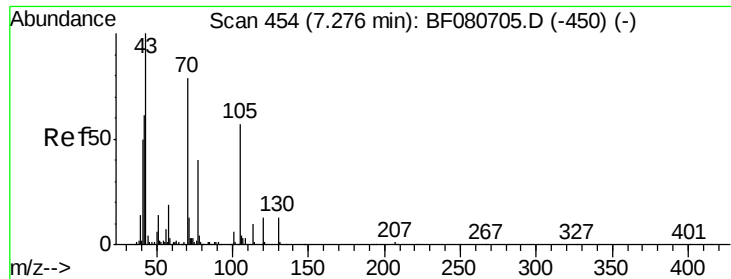
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#18
Hexachloroethane
Concen: 38.83 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	153928		
119	98.0	74.9	112.3	
201	91.1	61.5	92.3	





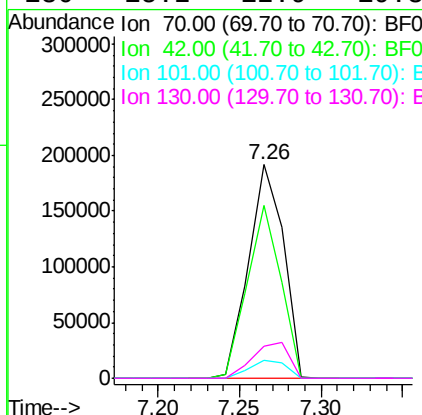
#19
n-Nitroso-di-n-propylamine
Concen: 37.07 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	81.2	61.8	92.6
101	8.3	6.1	9.1
130	15.2	12.9	19.3

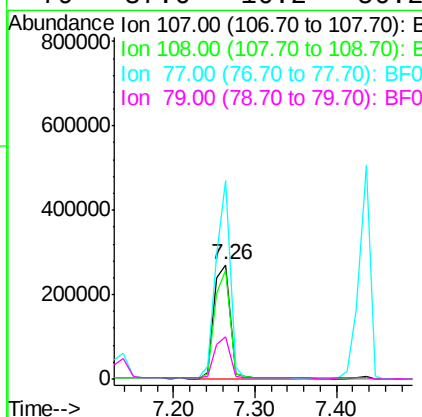
Manual Integrations
APPROVED

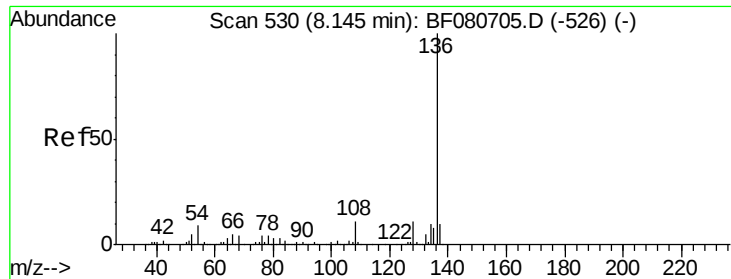
MMDadoda
8/3/2015 11:56:23 AM



#20
3+4-Methylphenols
Concen: 39.66 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	95.5	71.8	111.8
77	174.5	99.8	139.8
79	37.6	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080743.D

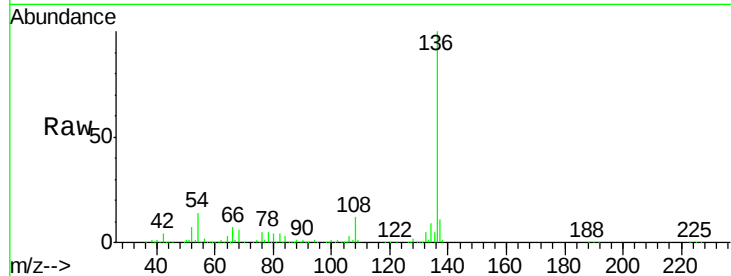
Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

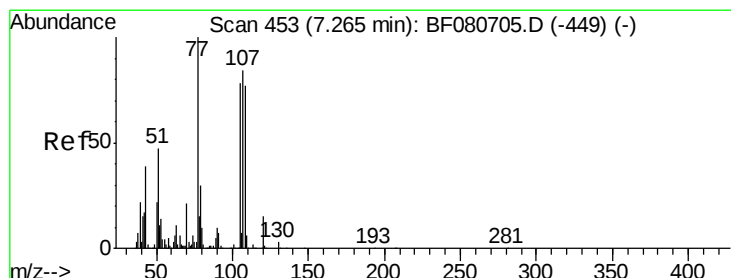
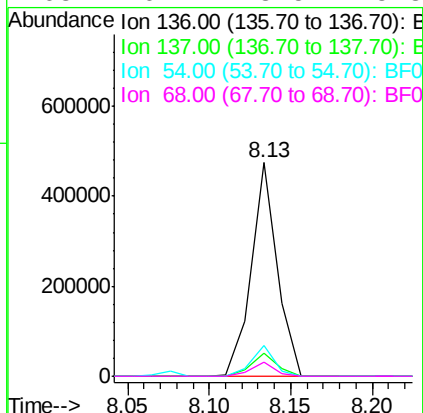
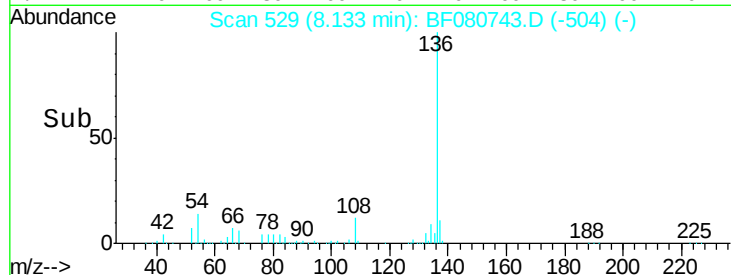
PB84792BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	523483		
137	11.0	8.4	12.6	
54	14.2	6.9	10.3#	
68	6.4	3.5	5.3#	

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#22

Acetophenone

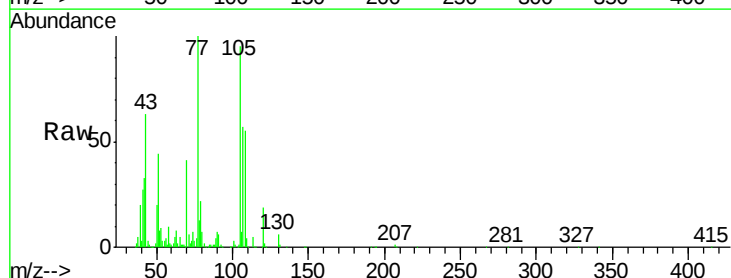
Concen: 40.11 ng

RT: 7.26 min Scan# 453

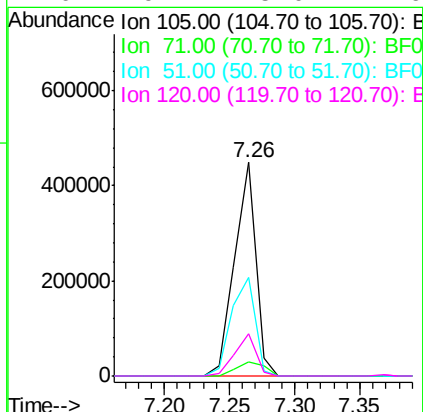
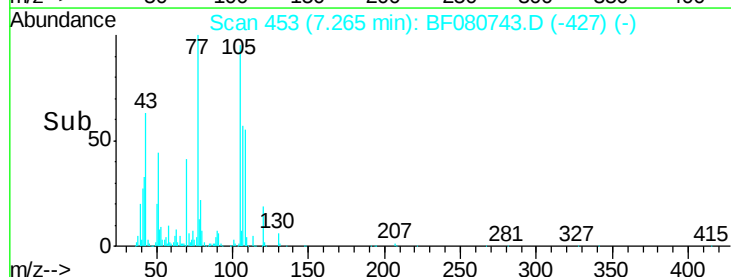
Delta R.T. -0.00 min

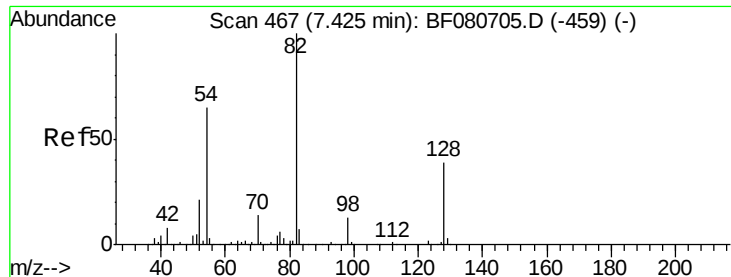
Lab File: BF080743.D

Acq: 31 Jul 2015 19:52



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	506817		
71	6.8	3.4	5.0#	
51	46.4	47.9	71.9#	
120	19.7	15.0	22.6	





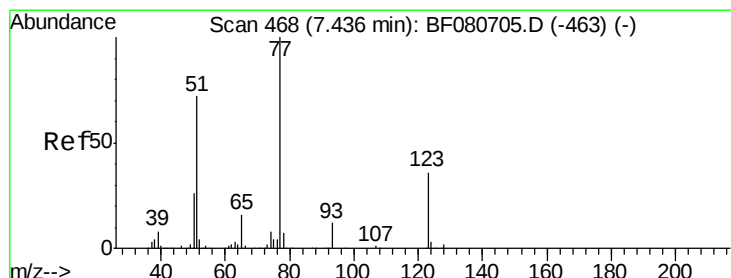
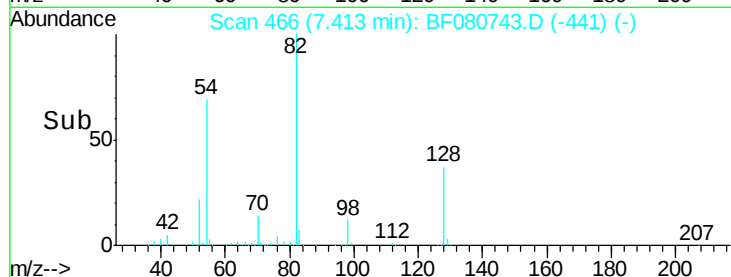
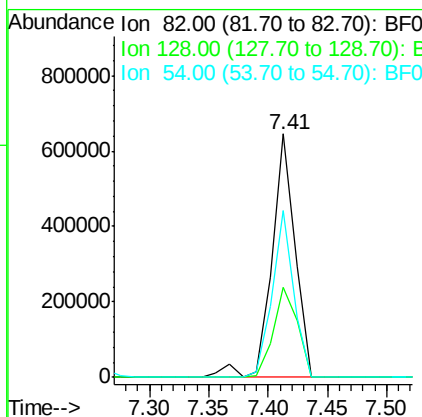
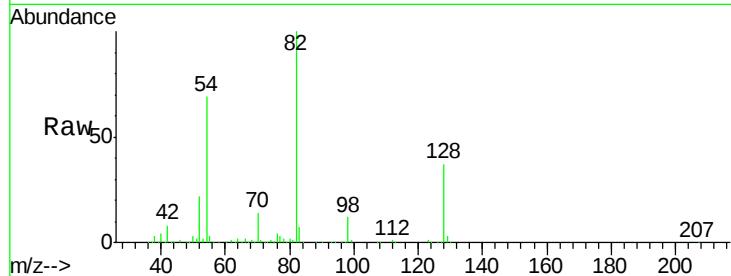
#23
Nitrobenzene-d5
Concen: 80.55 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	31.5	47.3
54	68.6	51.8	77.8

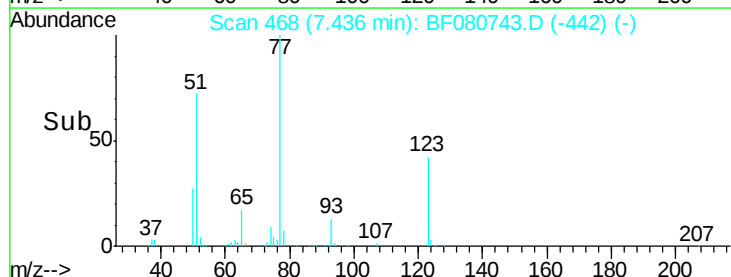
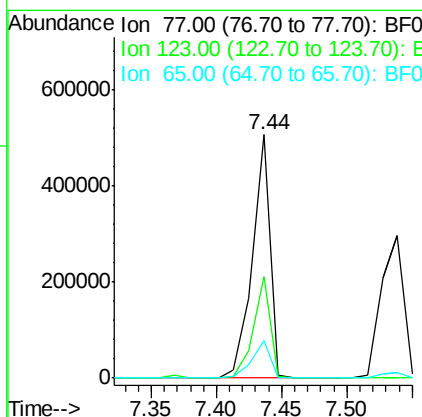
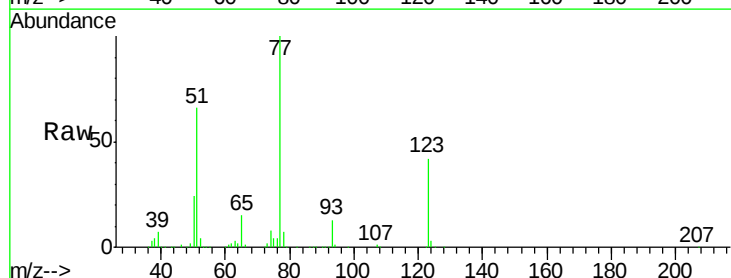
Manual Integrations
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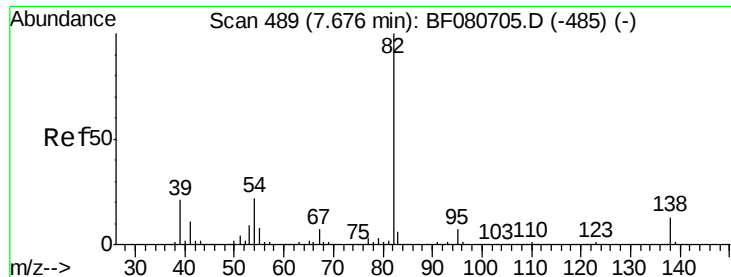
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#24
Nitrobenzene
Concen: 43.93 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.6	28.9	43.3
65	15.5	13.0	19.4





#25

Isophorone

Concen: 40.67 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

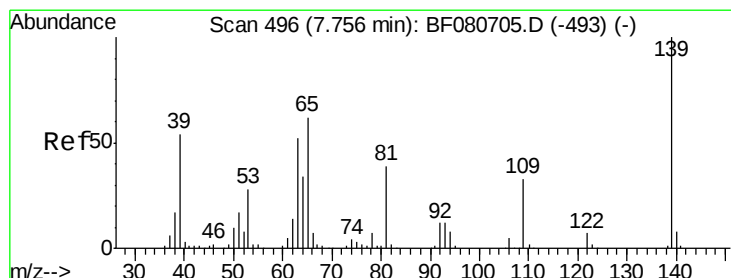
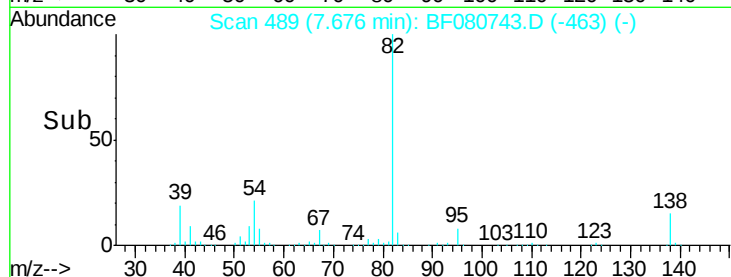
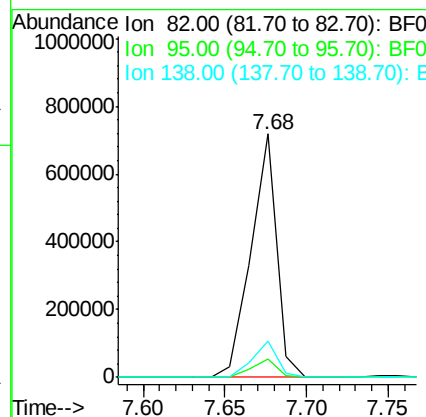
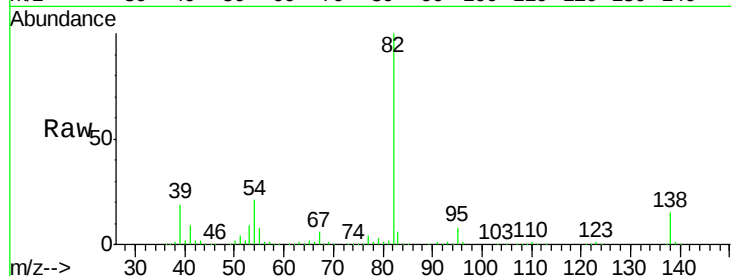
ClientSampleId :

PB84792BS

Tgt Ion:	82	Resp:	781837
Ion Ratio		Lower	Upper
82	100		
95	7.7	5.8	8.6
138	14.9	10.7	16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.17 ng m

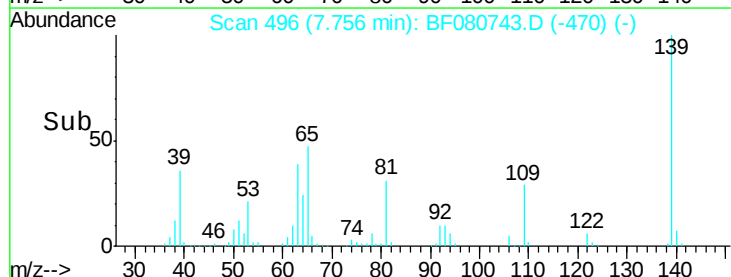
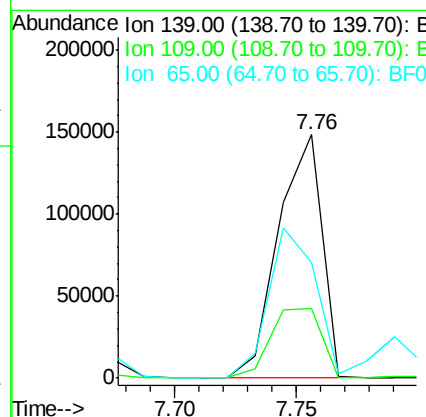
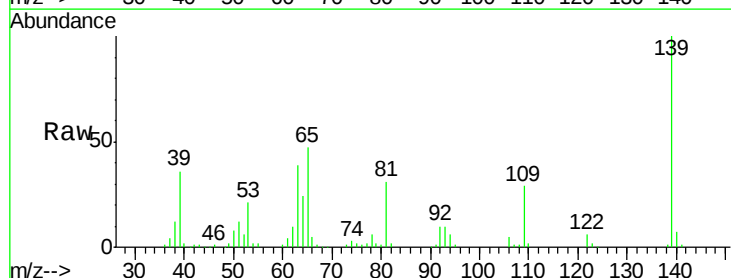
RT: 7.76 min Scan# 496

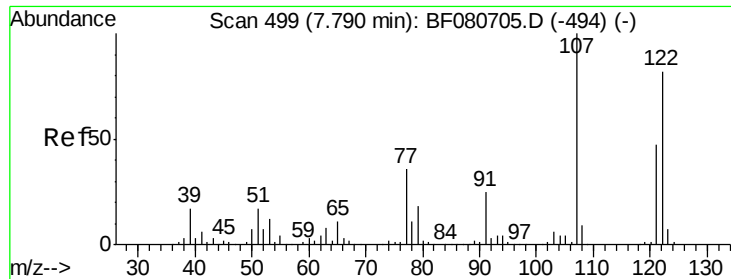
Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	139	Resp:	185389
Ion Ratio		Lower	Upper
139	100		
109	28.8	26.5	39.7
65	47.3	49.8	74.8#





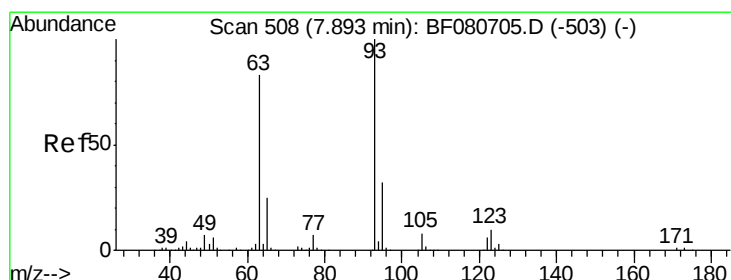
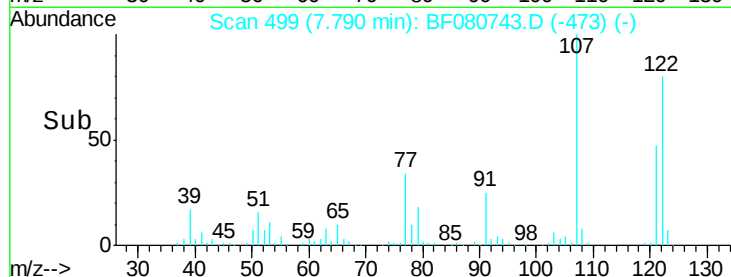
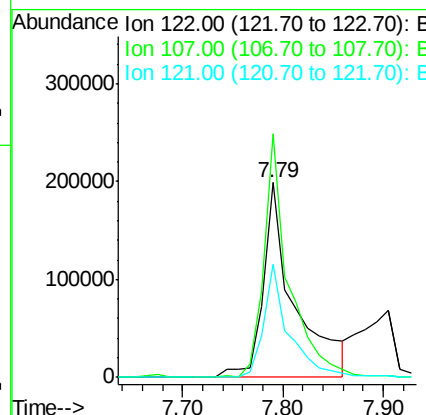
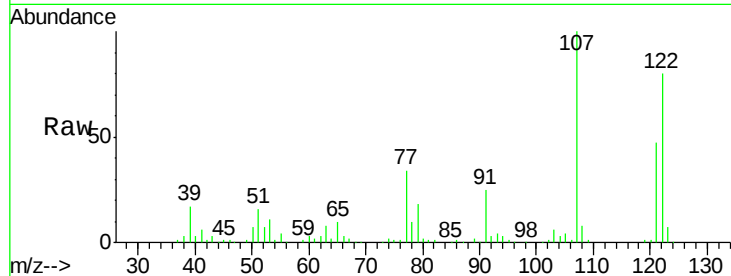
#27
 2,4-Dimethylphenol
 Concen: 51.99 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	429353		
107	125.2	98.1	147.1	
121	58.4	45.8	68.8	

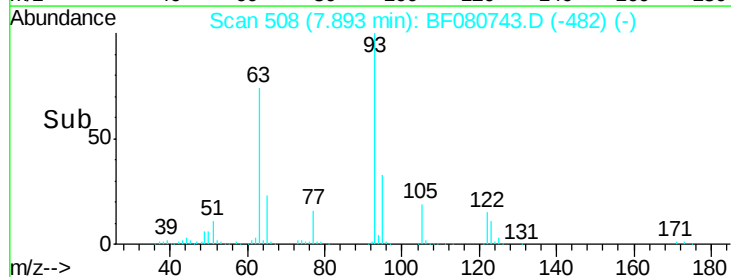
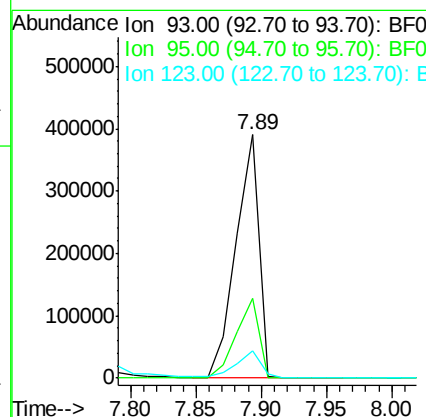
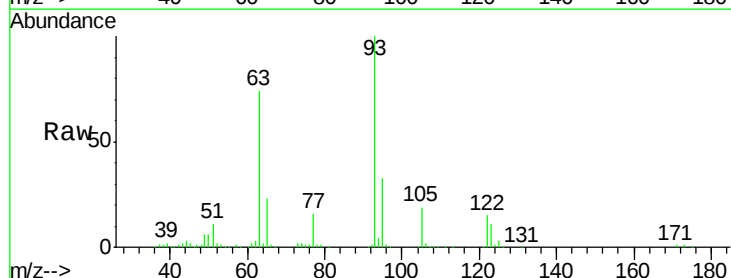
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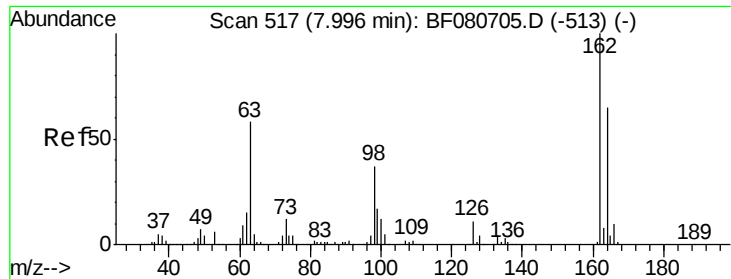
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.72 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	475175		
95	32.7	26.0	39.0	
123	11.4	8.2	12.4	





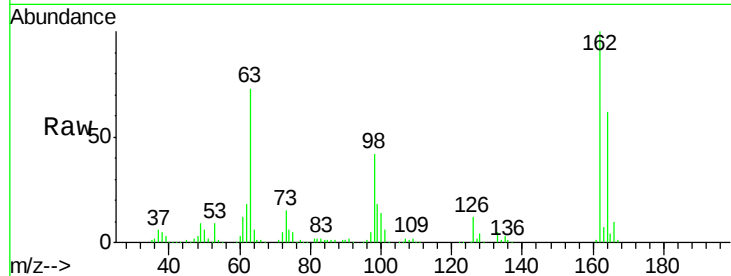
#29
 2,4-Dichlorophenol
 Concen: 42.09 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

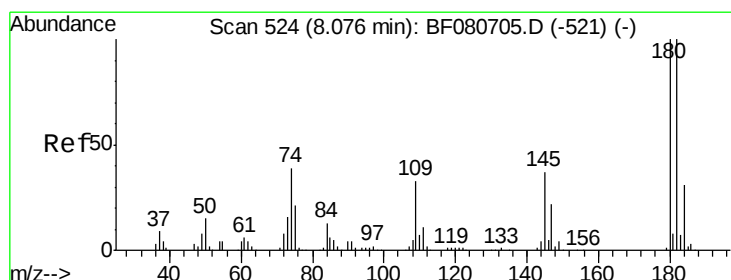
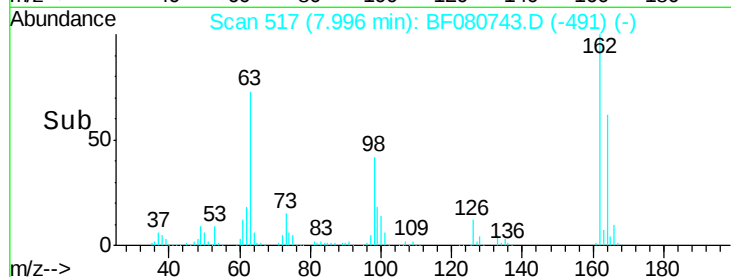
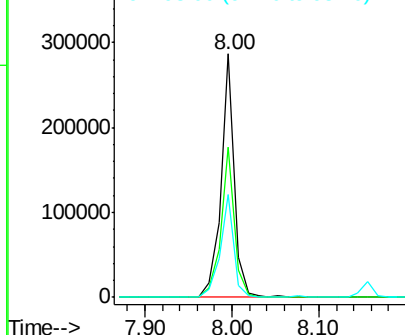
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	308962		
164	61.7	45.1	85.1	
98	42.0	17.0	57.0	

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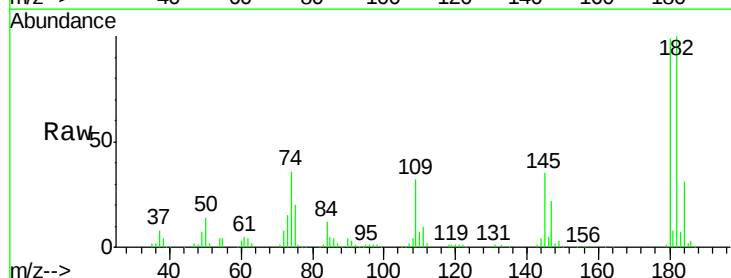


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

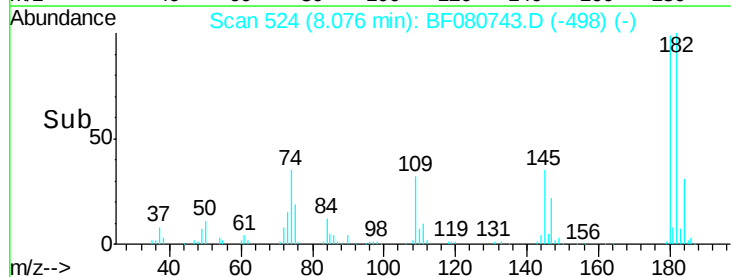
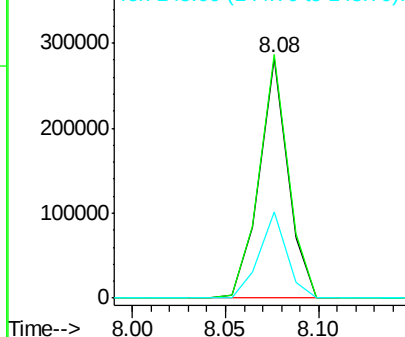


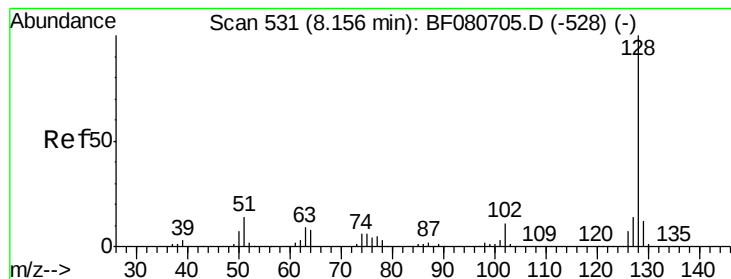
#30
 1,2,4-Trichlorobenzene
 Concen: 37.70 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	301811		
182	101.5	79.8	119.8	
145	35.9	29.8	44.6	



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





#31

Naphthalene

Concen: 37.57 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080743.D

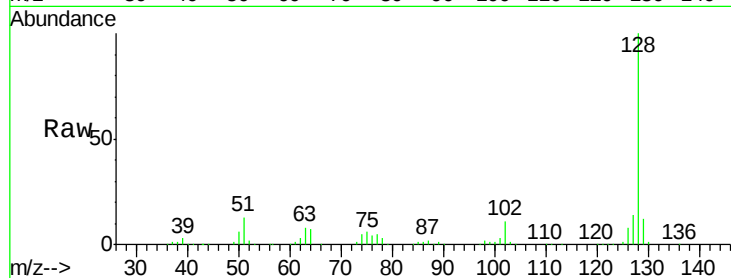
Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

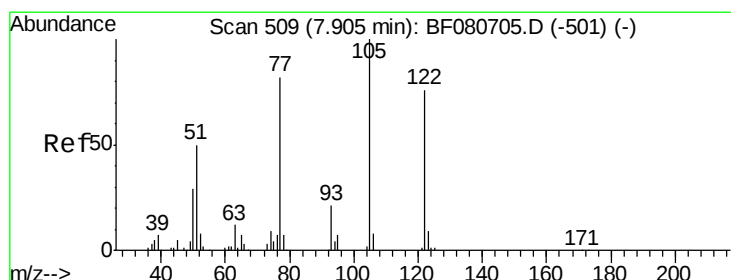
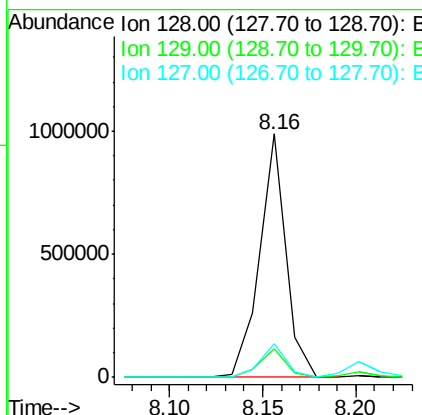
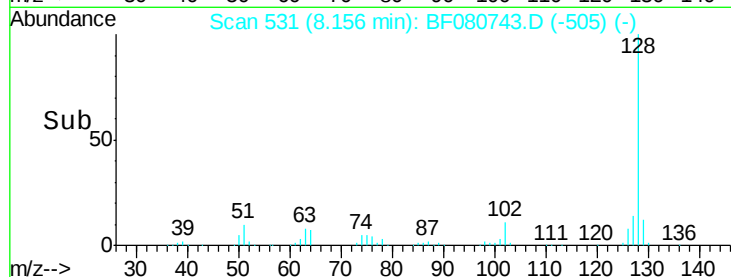
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Tgt Ion:	128	Resp:	981588
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.5	14.3
127	13.9	11.0	16.6

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#32

Benzoic acid

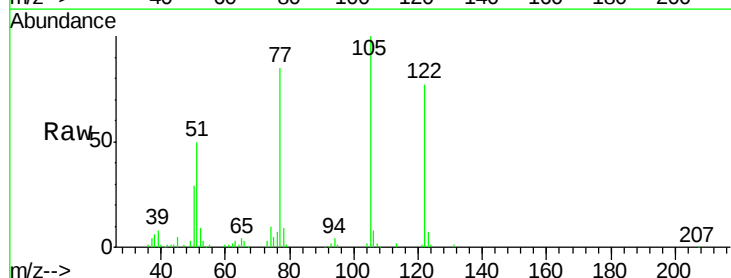
Concen: 28.37 ng

RT: 7.90 min Scan# 509

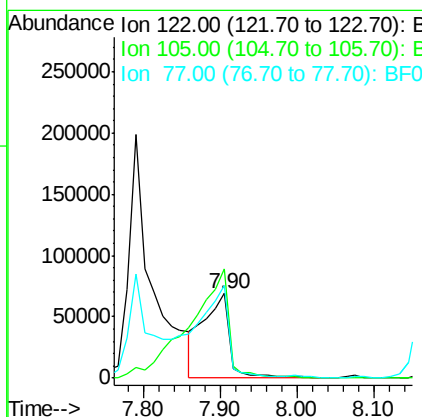
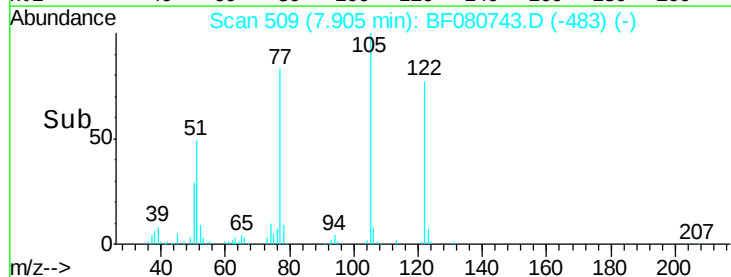
Delta R.T. 0.00 min

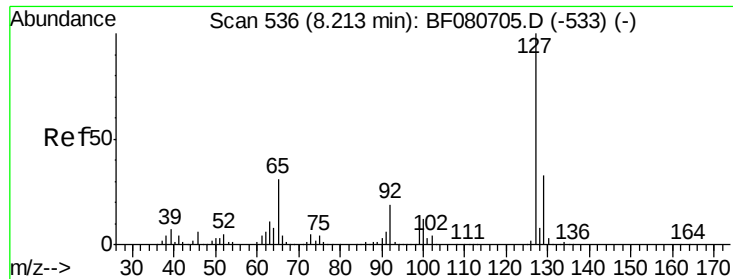
Lab File: BF080743.D

Acq: 31 Jul 2015 19:52



Tgt Ion:	122	Resp:	163565
Ion Ratio	Lower	Upper	
122	100		
105	129.7	111.3	151.3
77	109.6	88.1	128.1





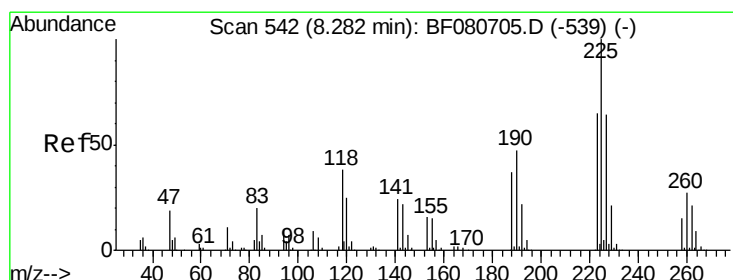
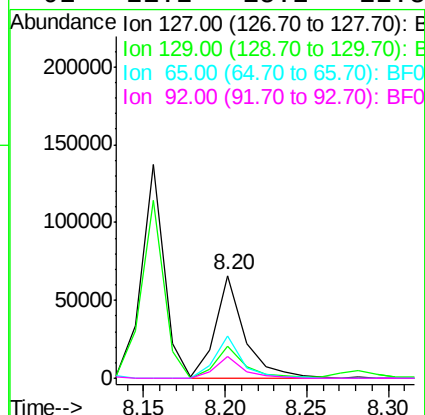
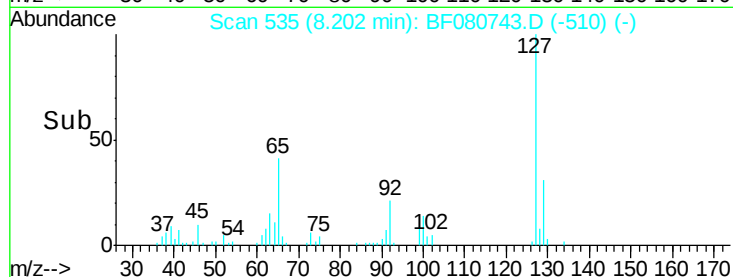
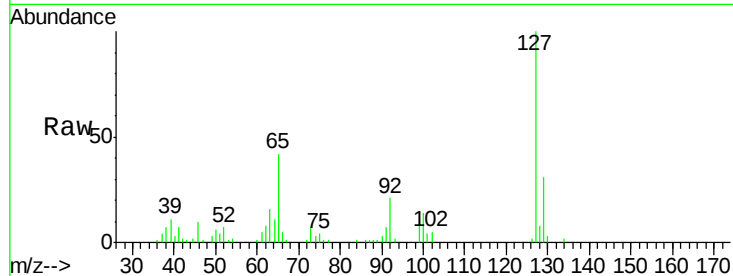
#33
4-Chloroaniline
Concen: 7.35 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	81091		
129	31.4	26.7	40.1	
65	41.6	24.5	36.7	
92	21.2	15.2	22.8	

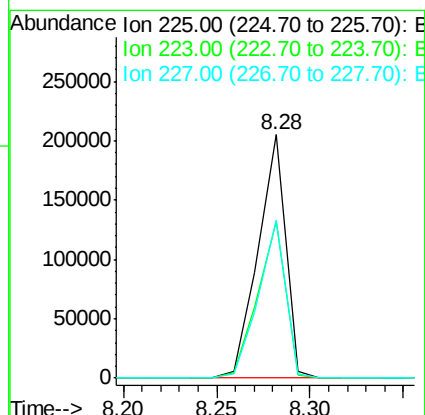
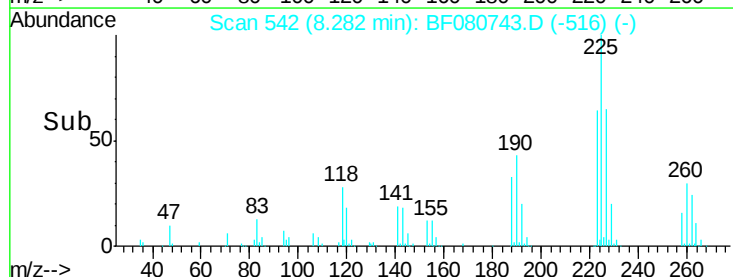
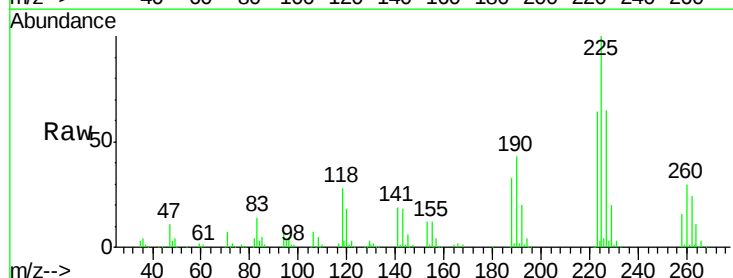
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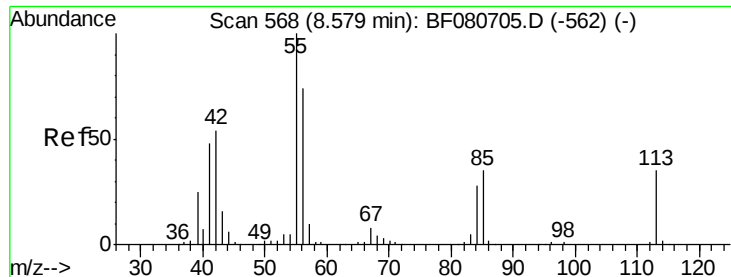
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#34
Hexachlorobutadiene
Concen: 40.64 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	210072		
223	64.2	51.7	77.5	
227	65.0	51.0	76.4	





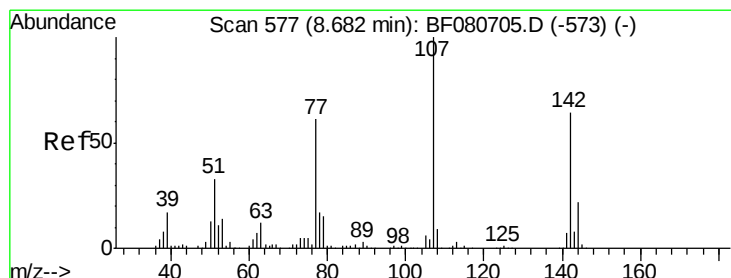
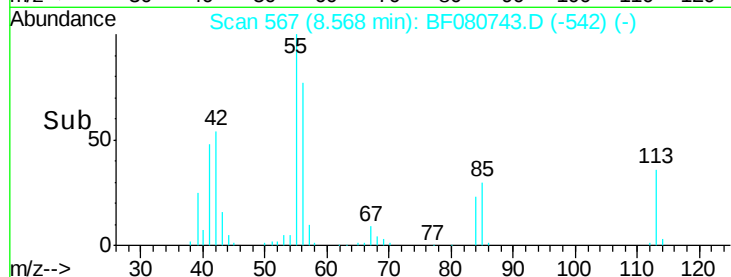
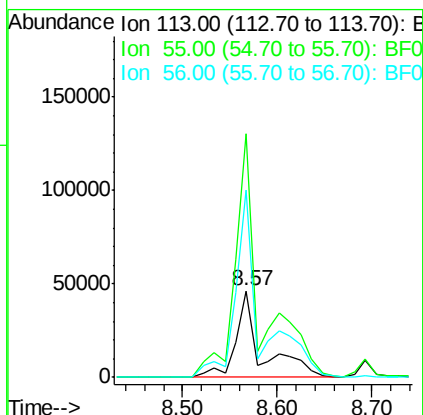
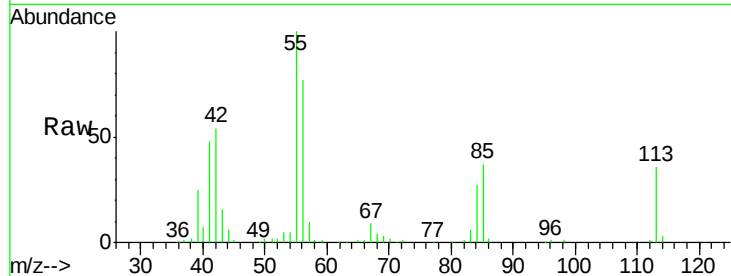
#35
 Caprolactam
 Concen: 39.89 ng m
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion:113 Resp: 87696
 Ion Ratio Lower Upper
 113 100
 55 280.5 269.3 309.3
 56 216.1 193.3 233.3

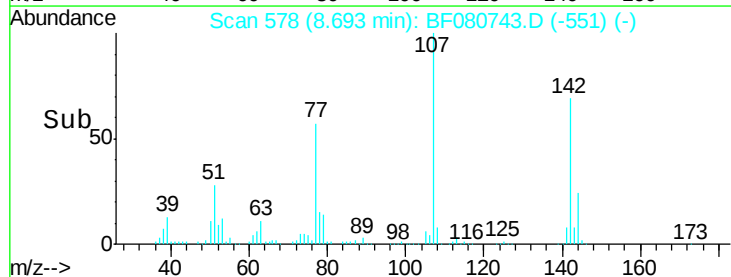
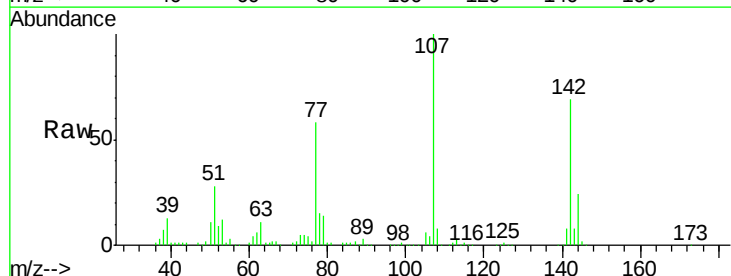
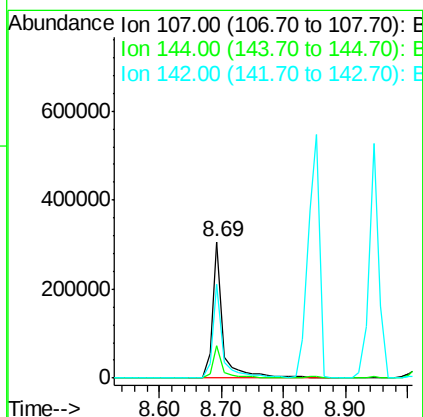
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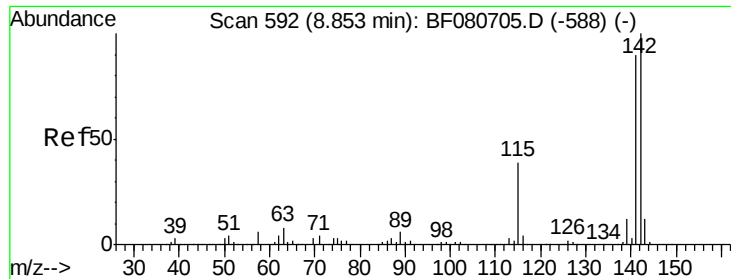
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#36
 4-Chloro-3-methylphenol
 Concen: 44.68 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion:107 Resp: 353654
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.2 25.8
 142 68.8 51.2 76.8





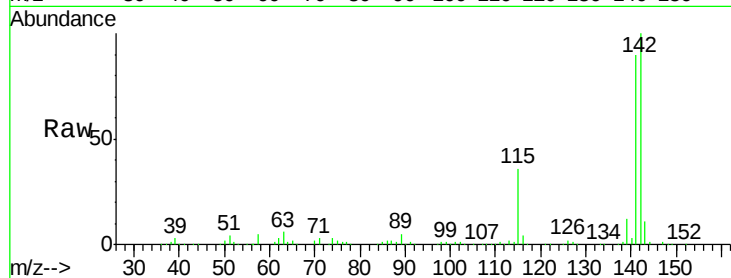
#37
2-Methylnaphthalene
Concen: 42.70 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

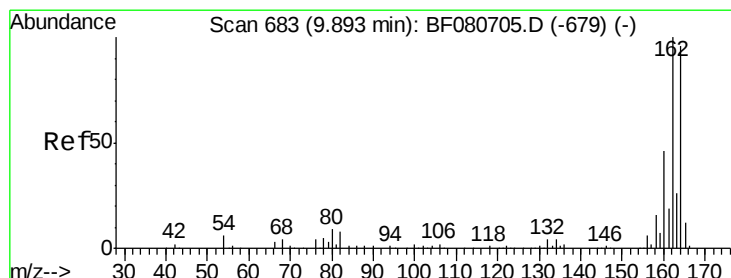
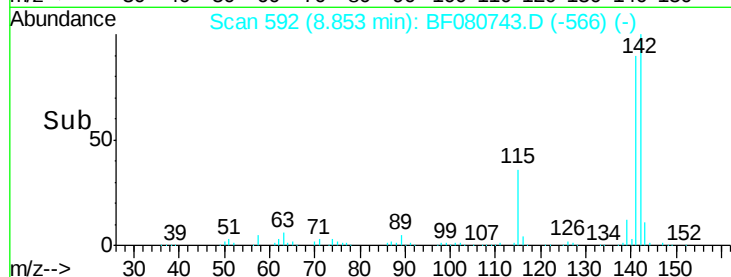
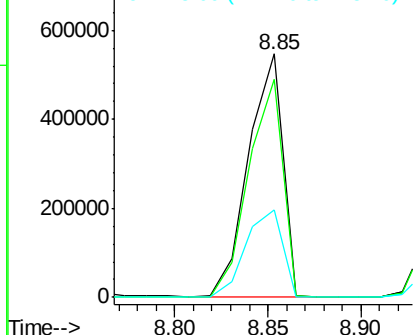
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	36.2	31.4	47.2

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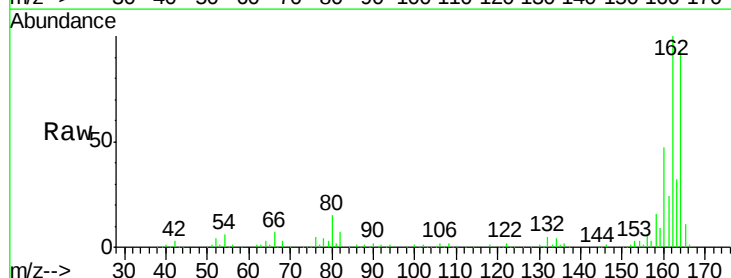


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

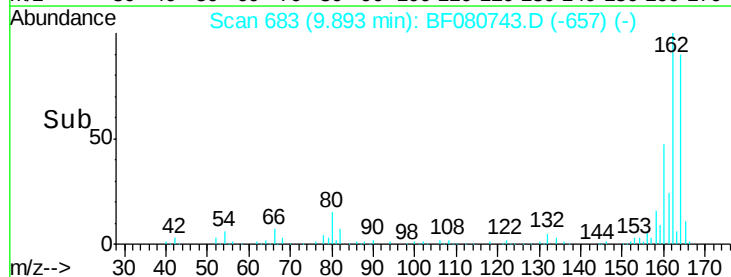
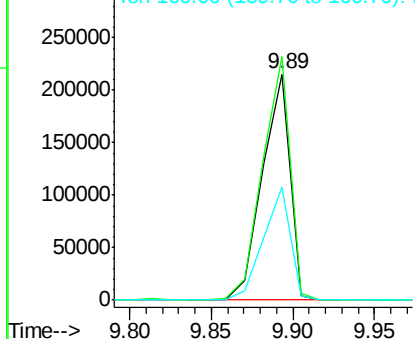


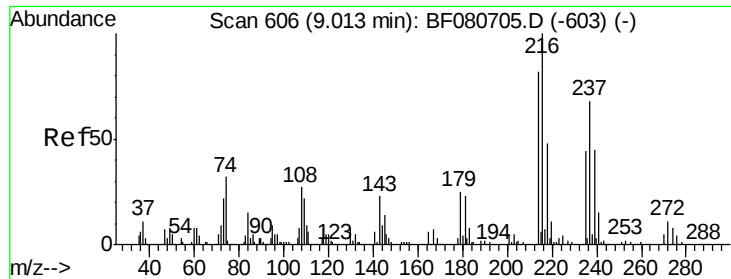
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	83.4	125.0
160	50.1	38.0	57.0



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





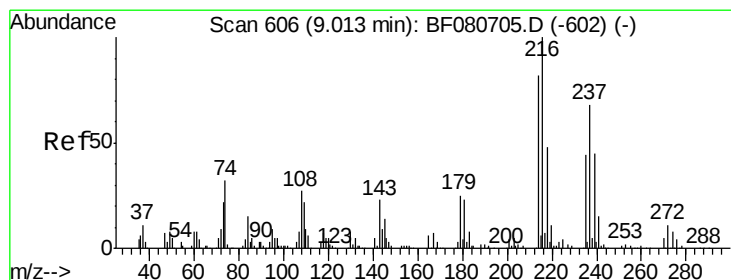
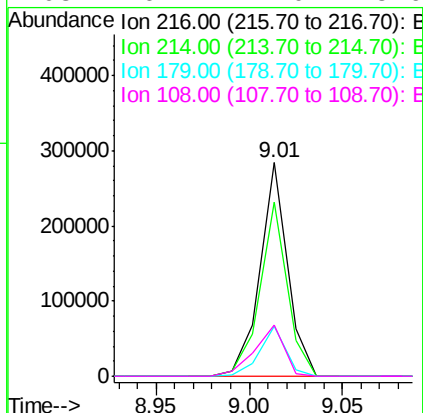
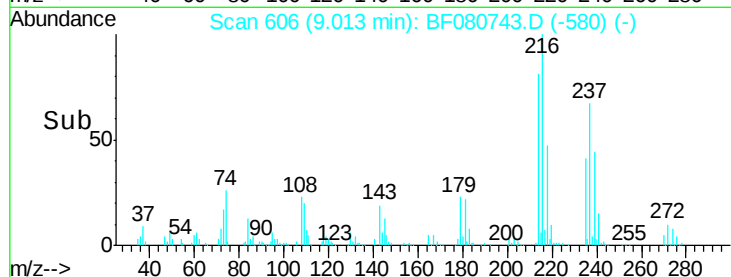
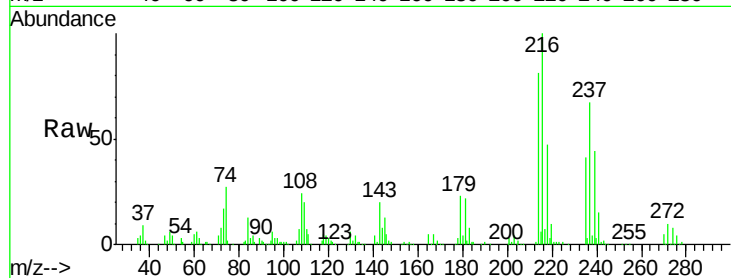
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.24 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

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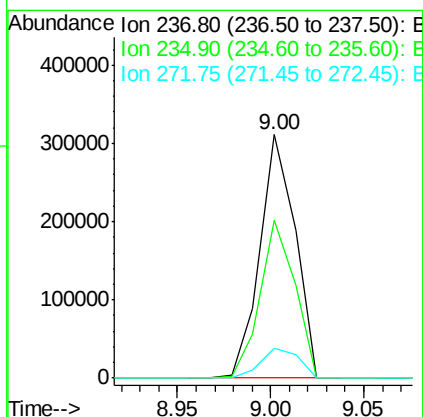
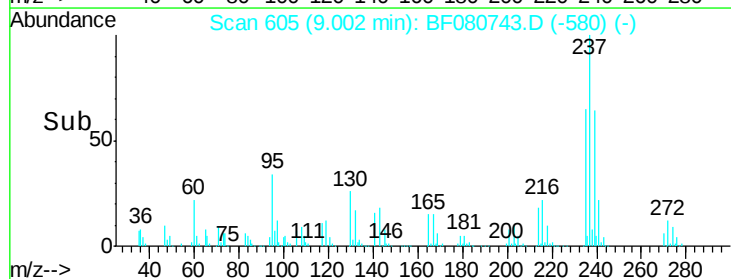
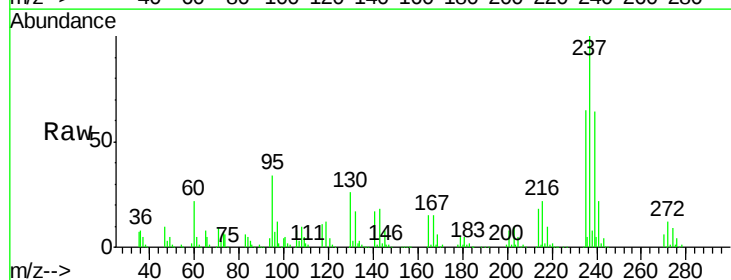
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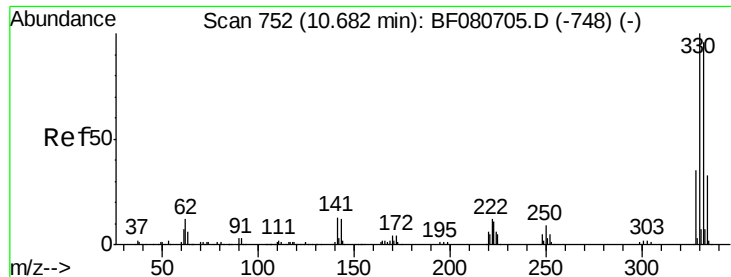
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	288862		
214	80.8	63.1	94.7	
179	22.1	16.9	25.3	
108	26.1	17.0	25.6	



#40
 Hexachlorocyclopentadiene
 Concen: 82.88 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	406390		
235	64.8	44.3	84.3	
272	12.3	0.0	35.5	





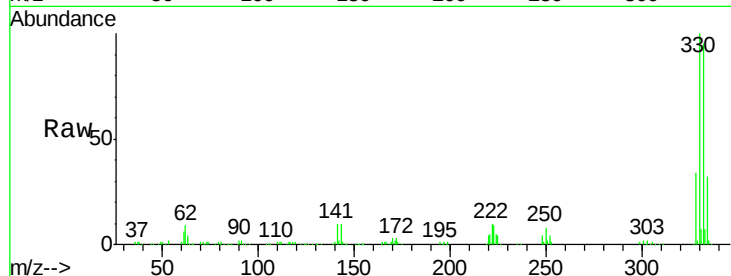
#41
 2,4,6-Tribromophenol
 Concen: 134.12 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

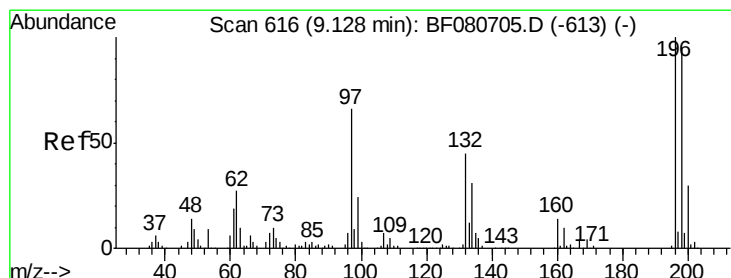
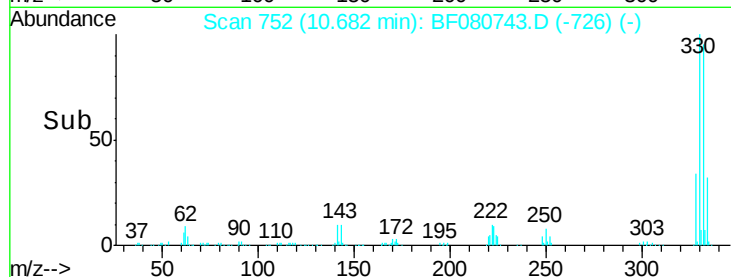
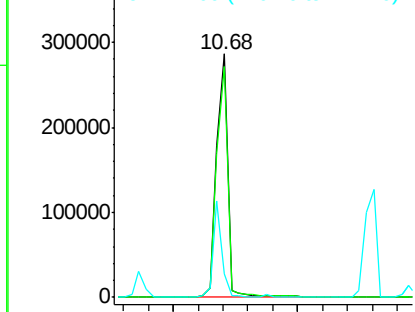
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	353199		
332	95.5	76.6	114.8	
141	31.0	26.0	39.0	

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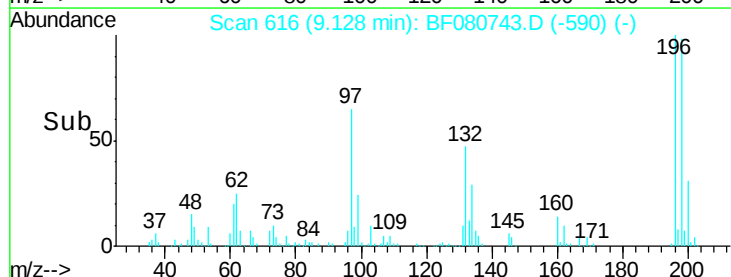
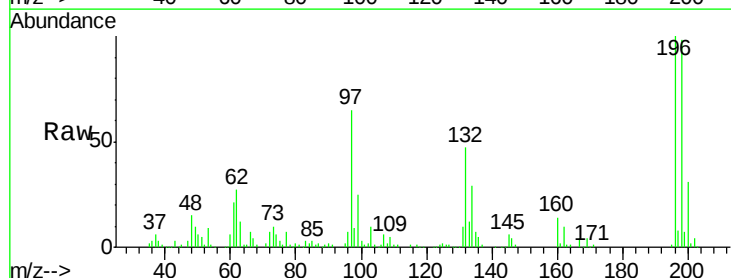
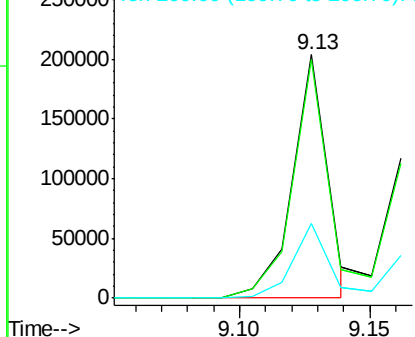
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

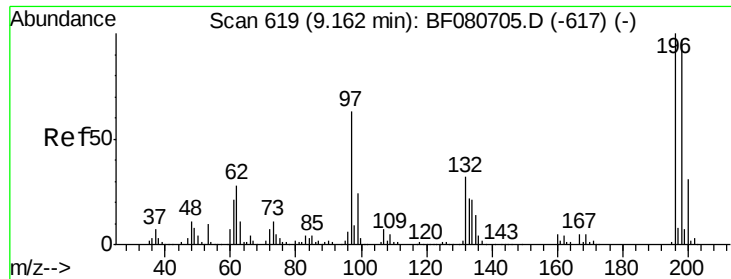


#42
 2,4,6-Trichlorophenol
 Concen: 34.53 ng m
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	191471		
198	98.1	75.8	113.8	
200	30.9	24.2	36.2	

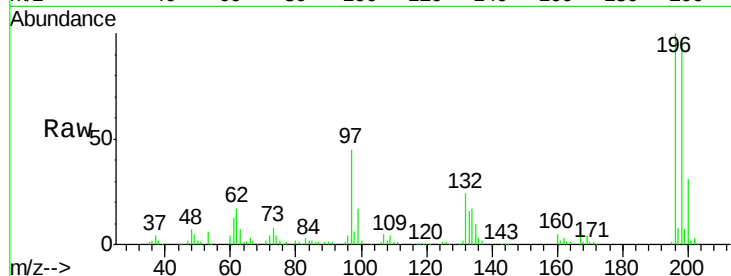
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 44.74 ng m
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

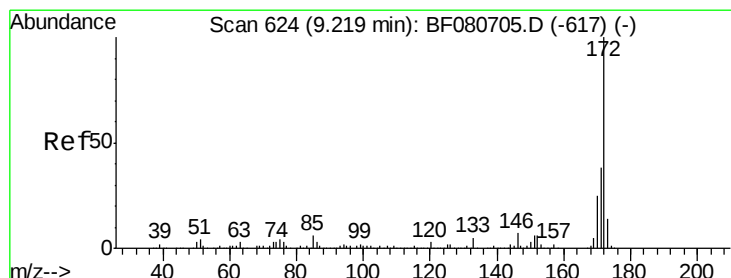
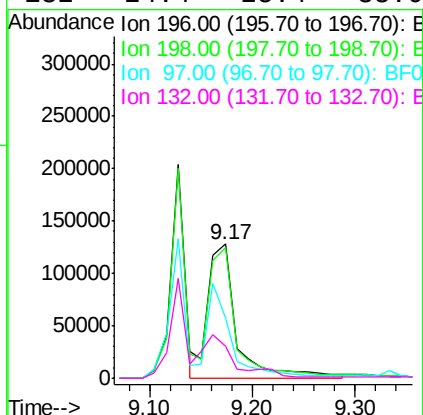
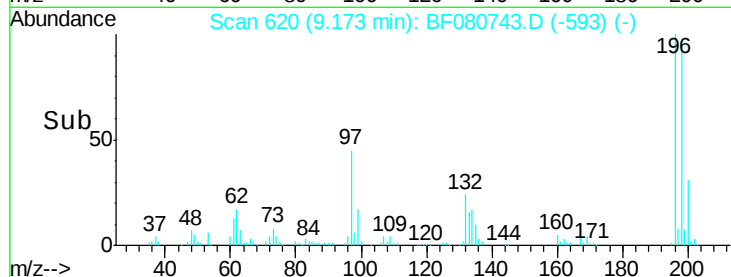
Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	246031		
198	97.4	77.8	116.8	
97	45.0	49.0	73.4	#
132	24.4	25.4	38.0	#

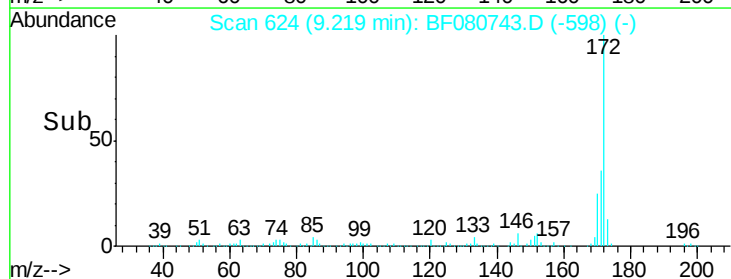
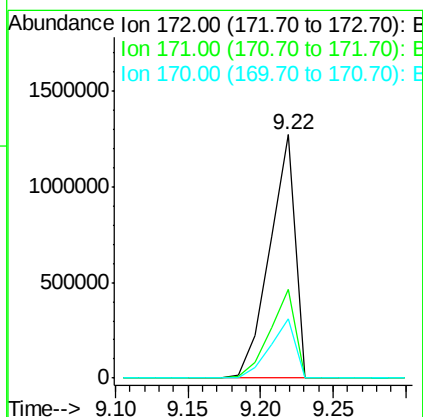
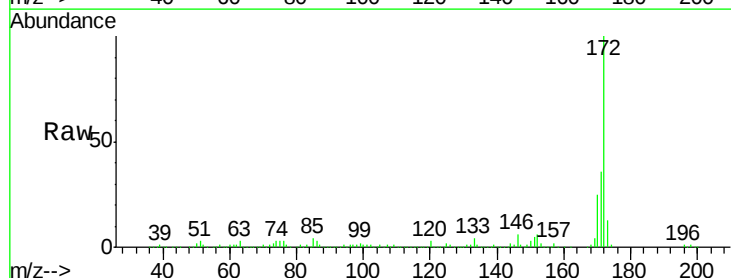
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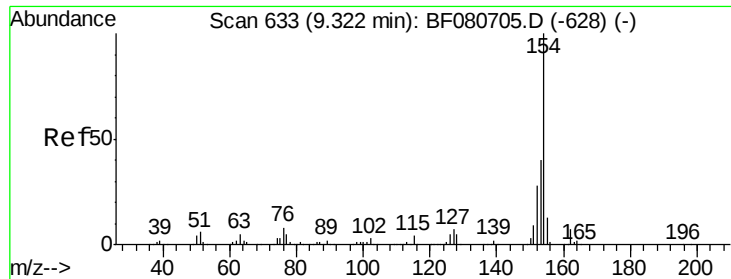
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#44
 2-Fluorobiphenyl
 Concen: 91.17 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1550893		
171	36.4	30.2	45.4	
170	24.5	20.2	30.2	





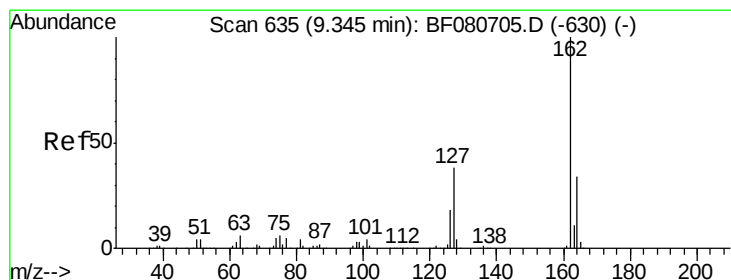
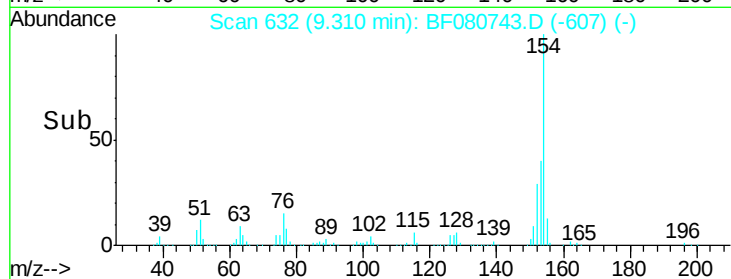
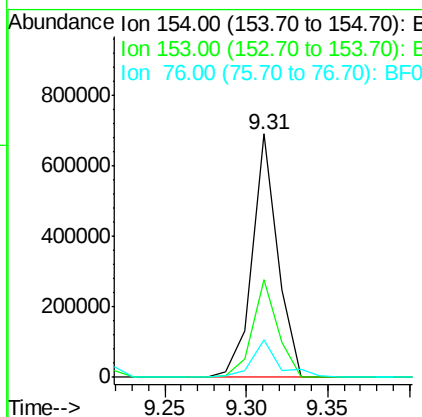
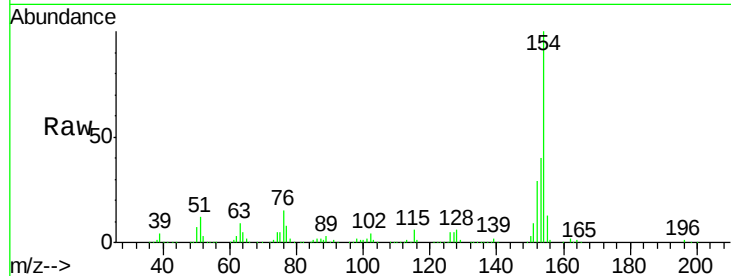
#45
 1,1'-Biphenyl
 Concen: 38.36 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion:	154	Resp:	746543
Ion Ratio		Lower	Upper
154	100		
153	40.3	19.9	59.9
76	15.3	0.0	28.3

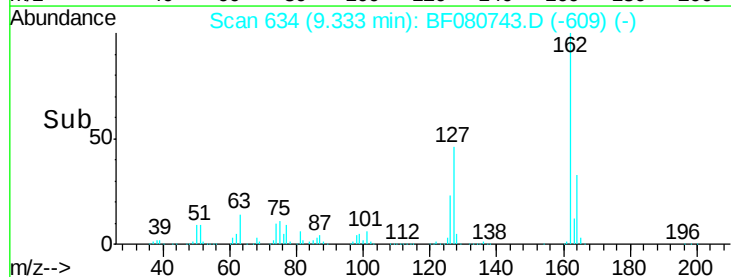
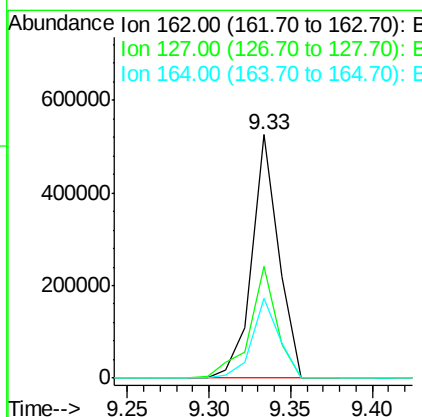
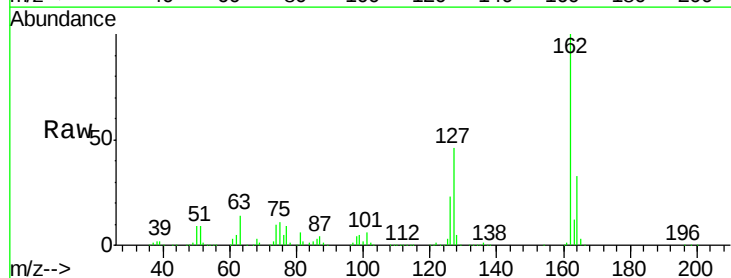
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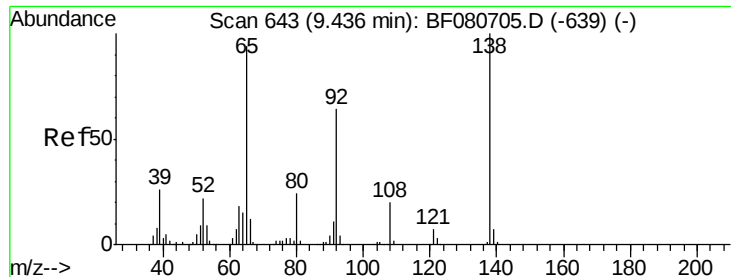
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#46
 2-Chloronaphthalene
 Concen: 37.63 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion:	162	Resp:	598078
Ion Ratio		Lower	Upper
162	100		
127	45.7	30.2	45.4#
164	33.0	27.1	40.7





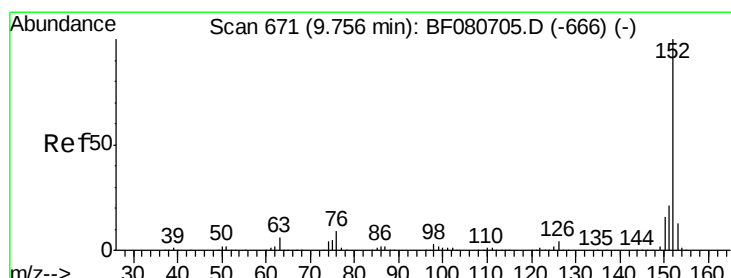
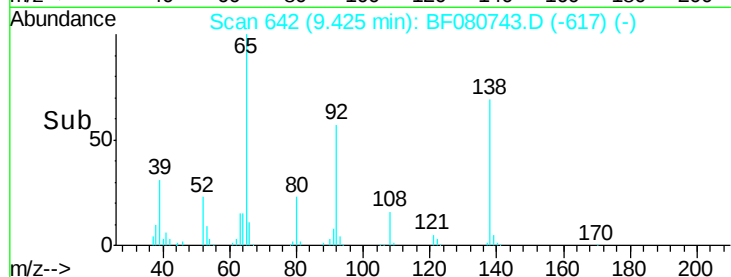
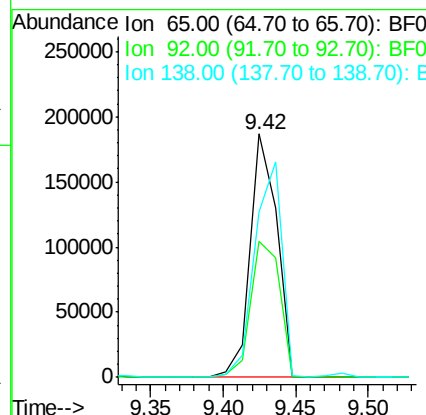
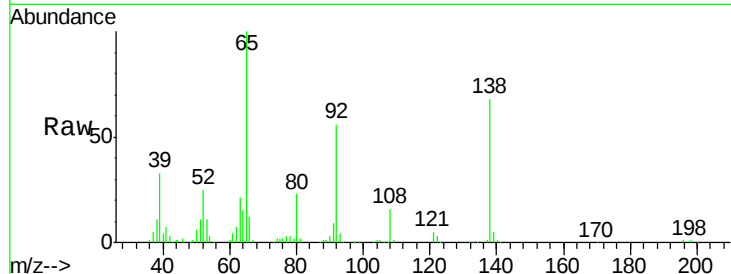
#47
2-Nitroaniline
Concen: 38.57 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.0	54.9	82.3
138	68.1	85.1	127.7#

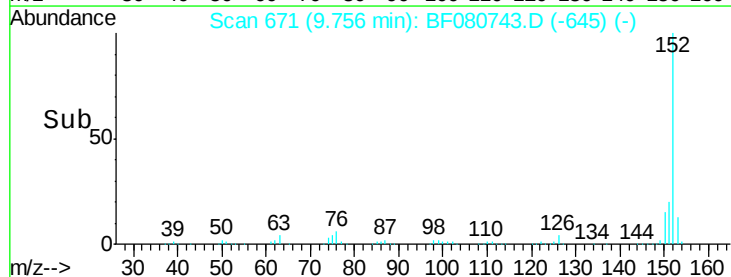
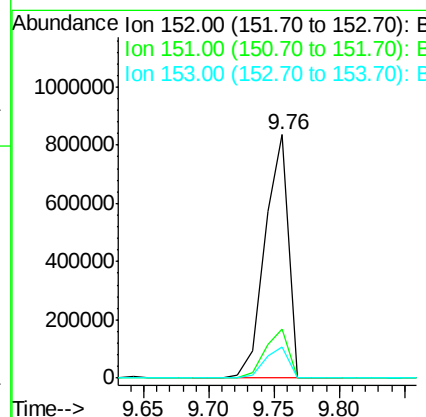
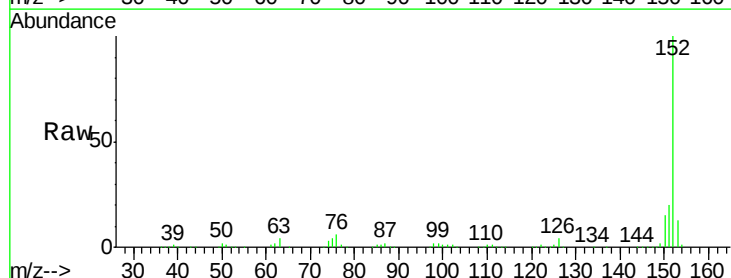
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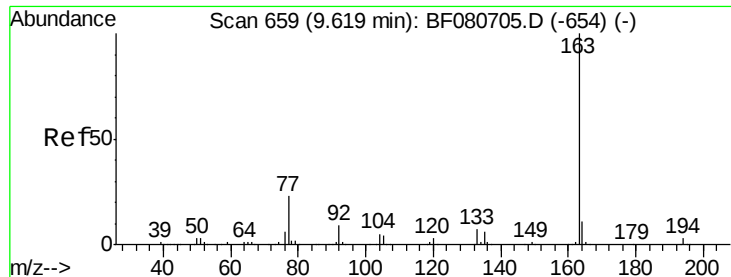
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#48
Acenaphthylene
Concen: 41.28 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6
153	12.9	10.8	16.2





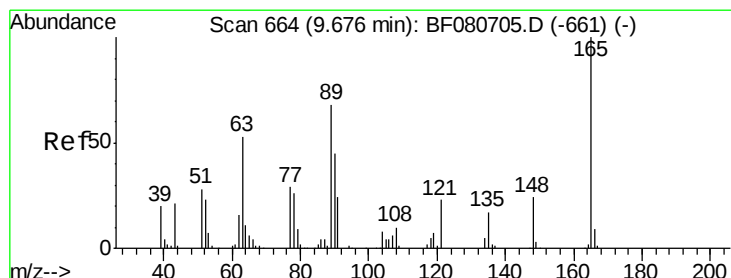
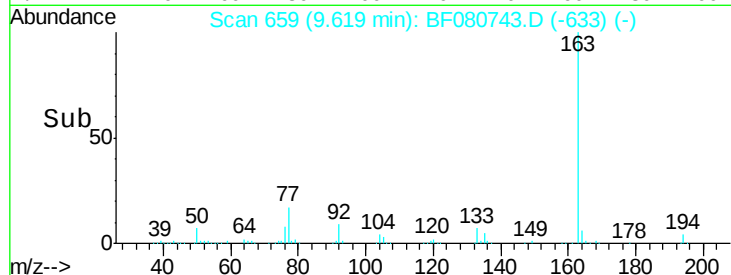
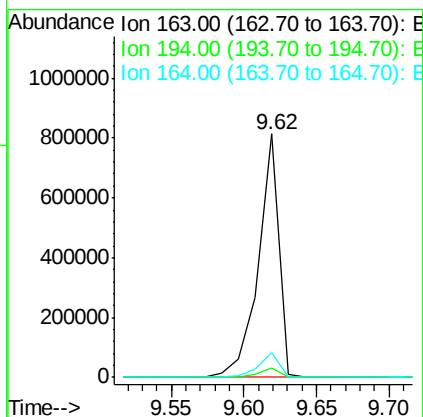
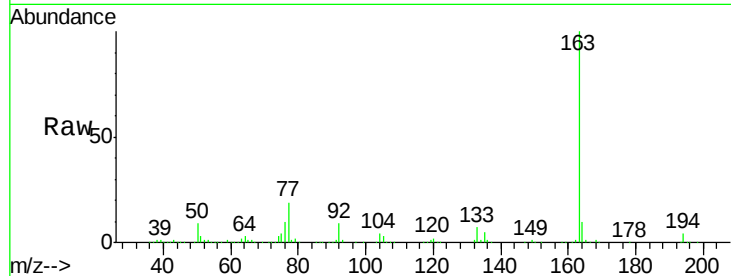
#49
Dimethylphthalate
Concen: 44.76 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	800460		
194	3.8	2.7	4.1	
164	10.0	8.7	13.1	

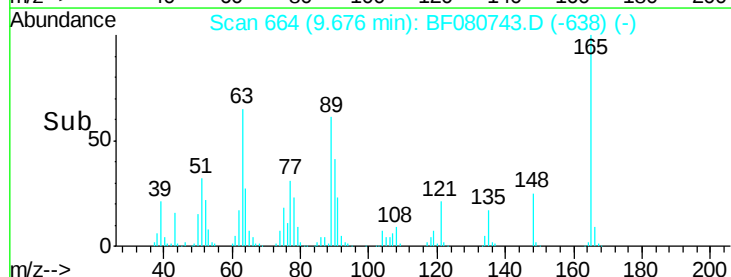
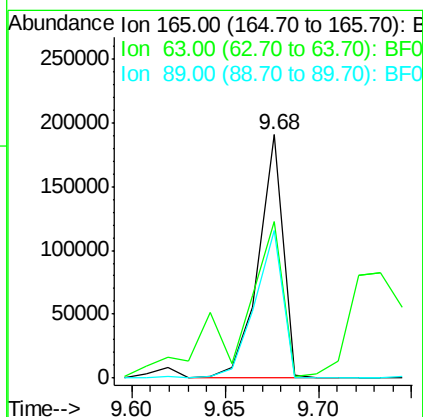
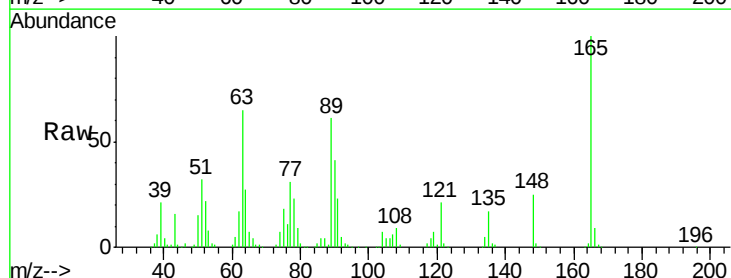
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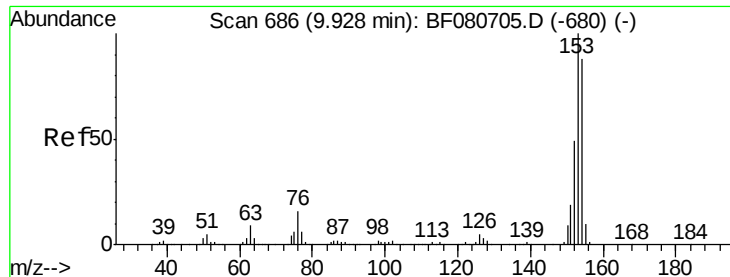
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#50
2,6-Dinitrotoluene
Concen: 46.59 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176849		
63	64.5	62.3	93.5	
89	60.7	54.8	82.2	





#51

Acenaphthene

Concen: 46.74 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

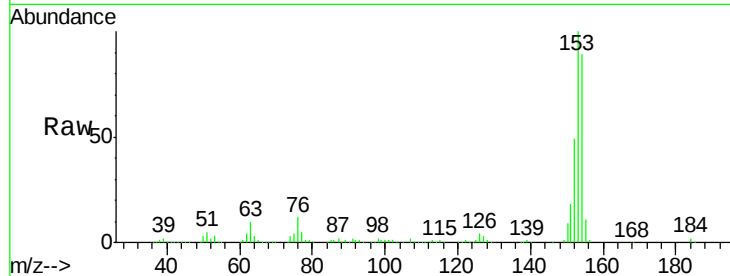
ClientSampleId :

PB84792BS

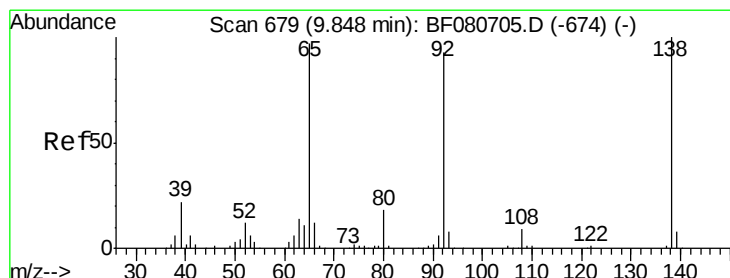
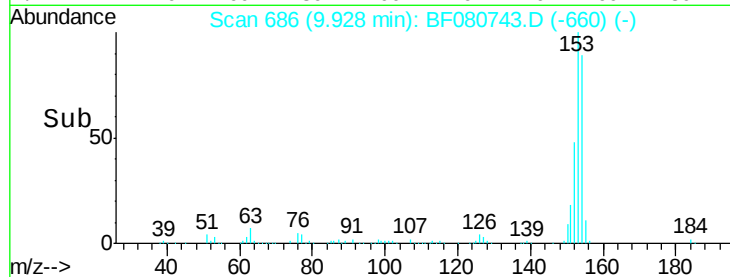
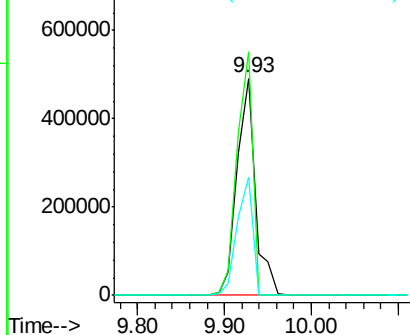
Tgt Ion:	154	Resp:	720612
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.7	136.1
152	54.4	44.2	66.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.53 ng

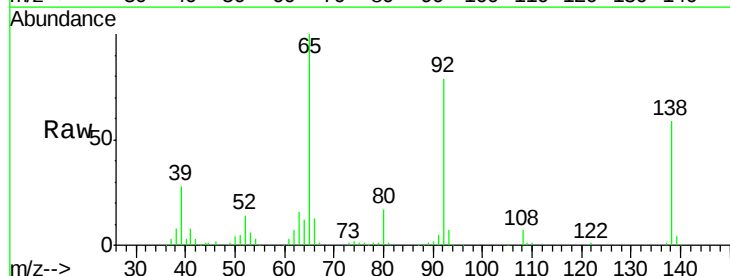
RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

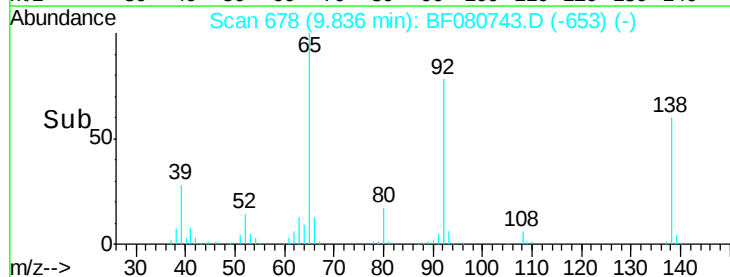
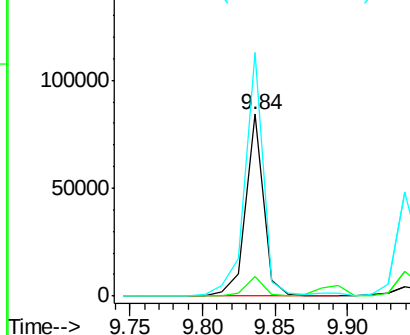
Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	138	Resp:	72390
Ion Ratio	Lower	Upper	
138	100		
108	11.1	6.9	10.3#
92	133.8	74.1	111.1#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





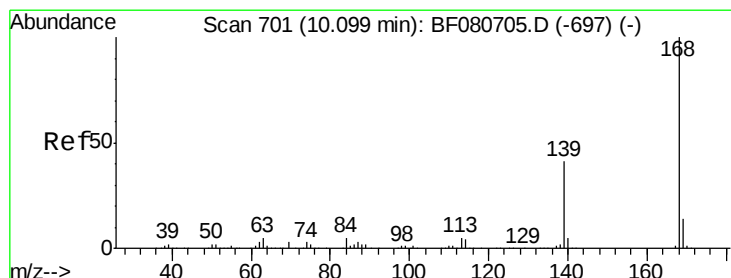
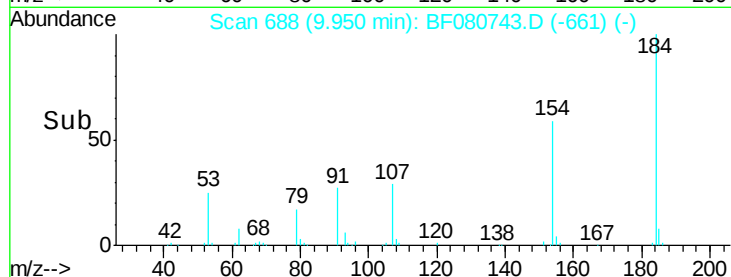
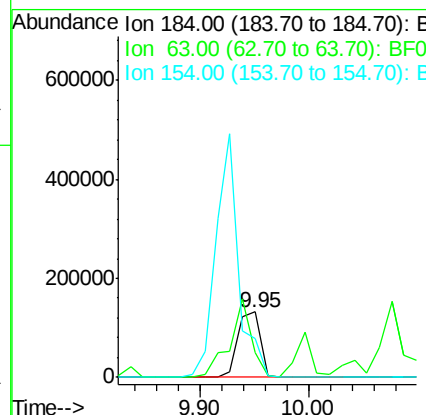
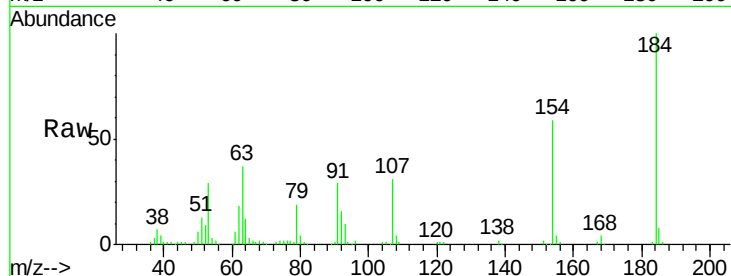
#53
2,4-Dinitrophenol
Concen: 92.42 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	186829		
63	37.3	96.0	144.0#	
154	58.9	66.0	99.0#	

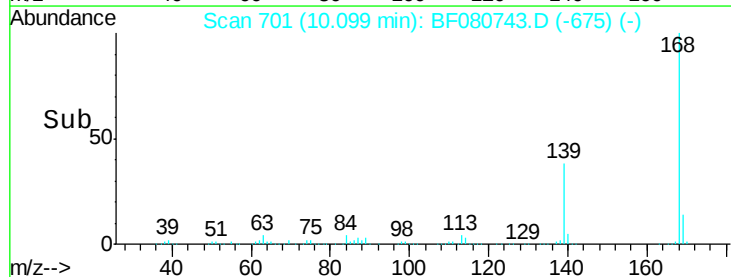
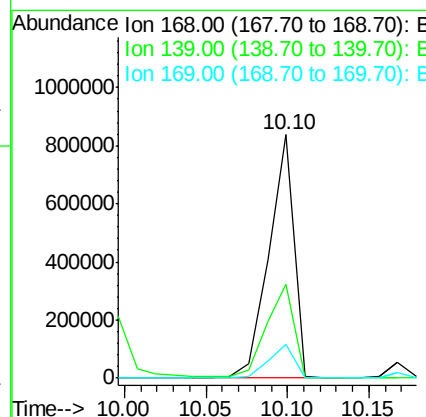
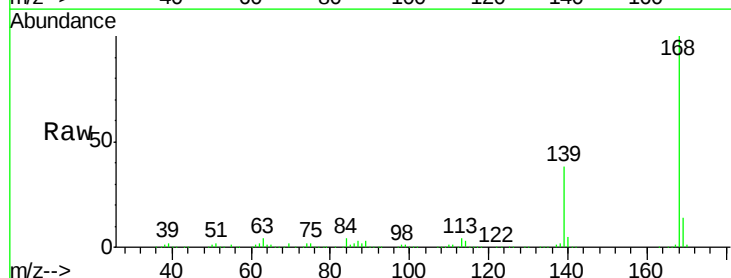
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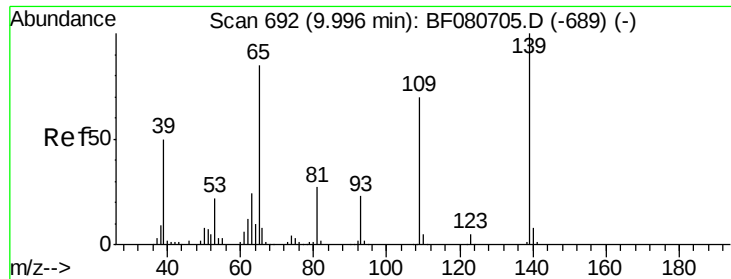
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#54
Dibenzofuran
Concen: 43.40 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	894898		
139	38.4	33.0	49.6	
169	13.9	11.4	17.2	





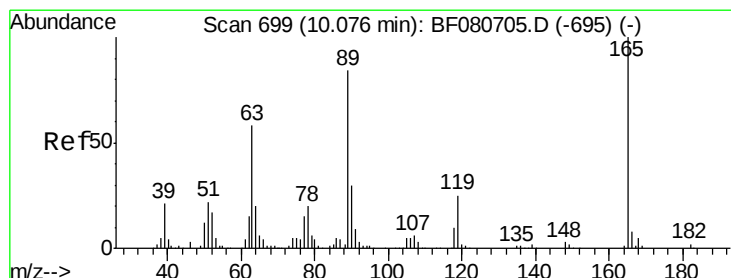
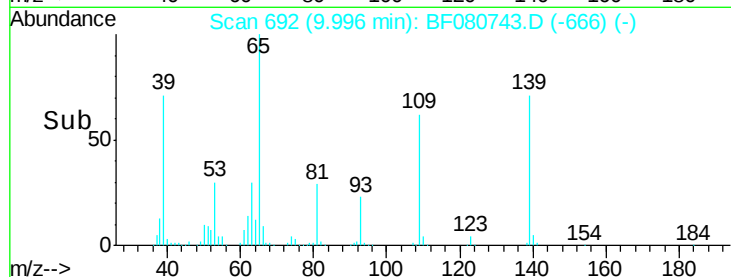
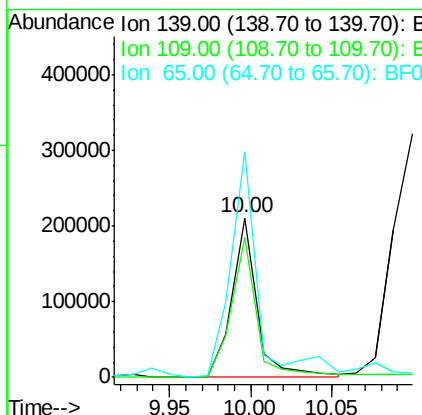
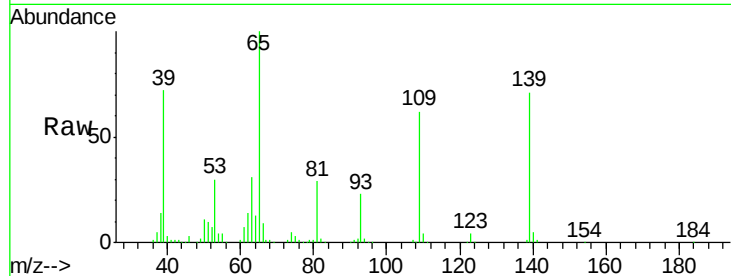
#55
4-Nitrophenol
Concen: 70.14 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	226341		
109	87.5	50.4	90.4	
65	141.6	66.1	106.1#	

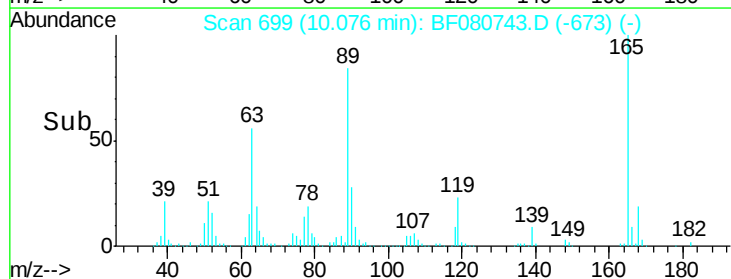
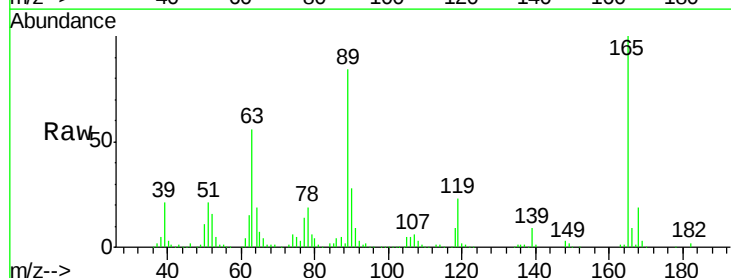
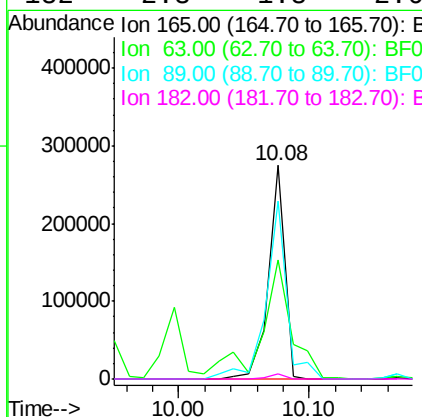
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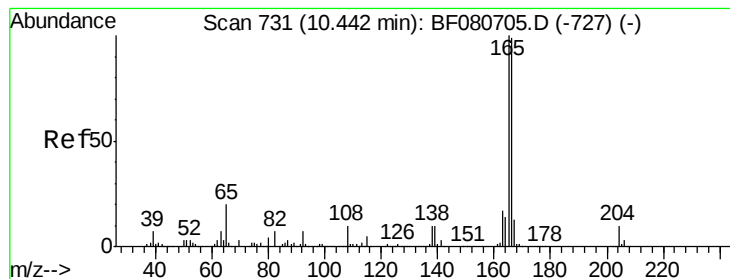
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#56
2,4-Dinitrotoluene
Concen: 48.51 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241468		
63	55.6	46.7	70.1	
89	83.5	67.4	101.2	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 39.55 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF080743.D

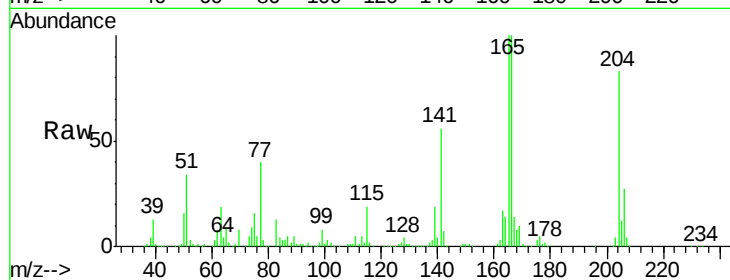
Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

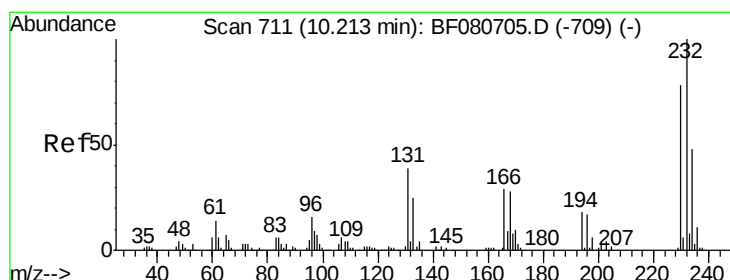
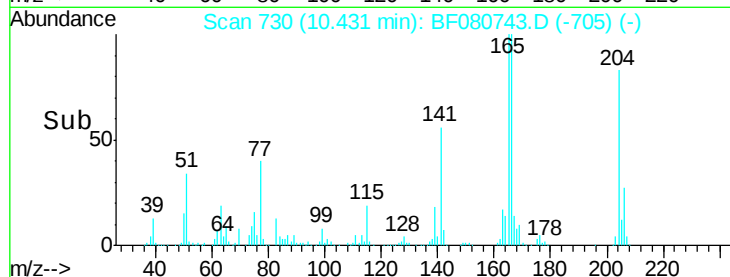
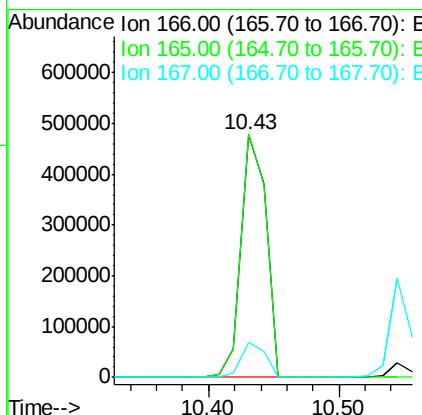
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	633087		
165	100.4	81.0	121.4	
167	14.4	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.30 ng

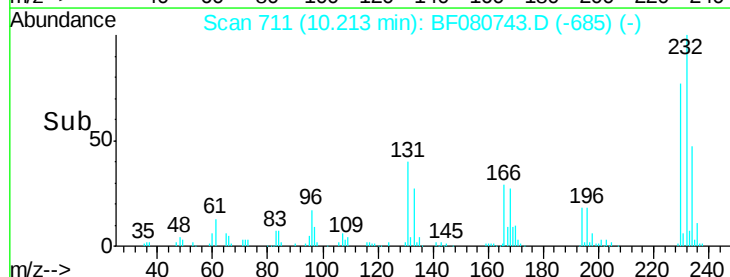
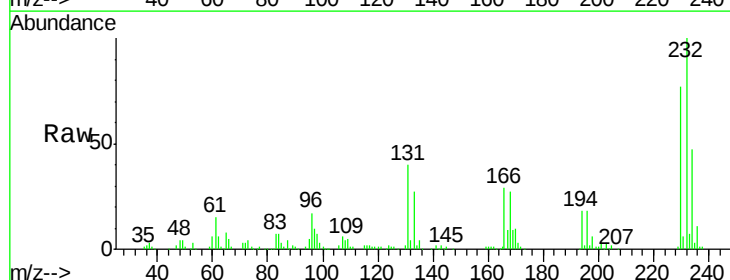
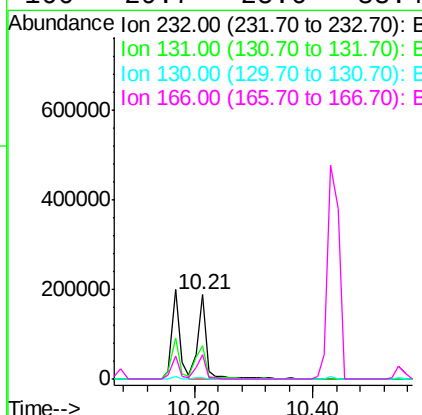
RT: 10.21 min Scan# 711

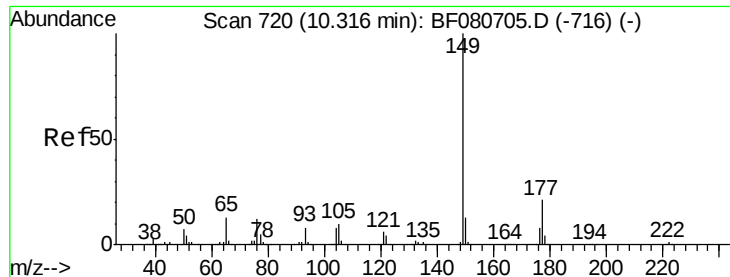
Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	200325		
131	46.5	38.2	57.2	
130	2.4	1.8	2.6	
166	29.7	25.6	38.4	





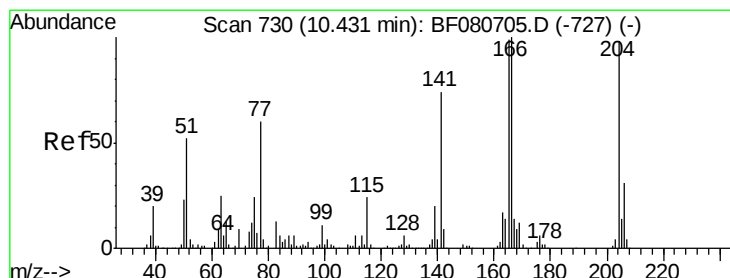
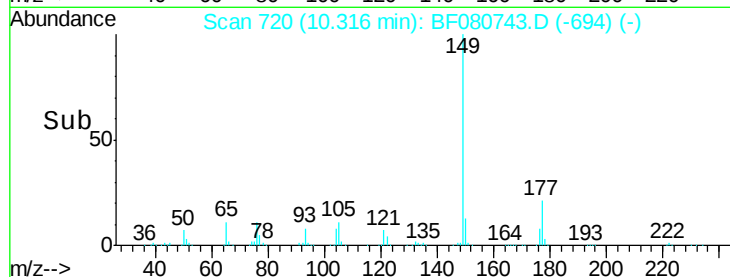
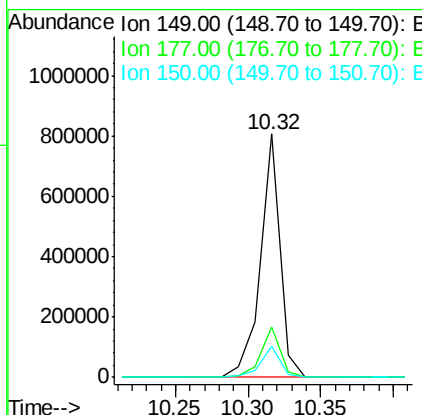
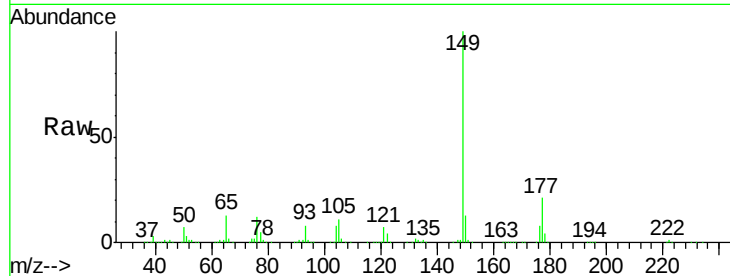
#59
Diethylphthalate
Concen: 43.76 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	754429		
177	20.9	16.6	25.0	
150	12.7	10.2	15.4	

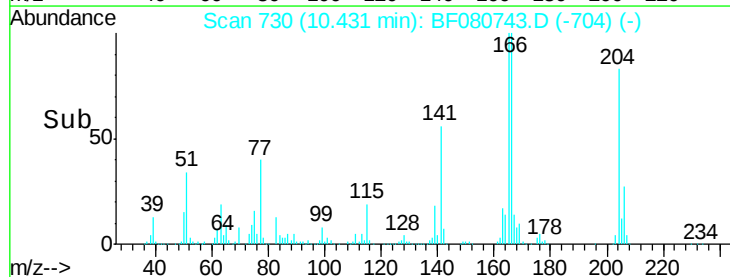
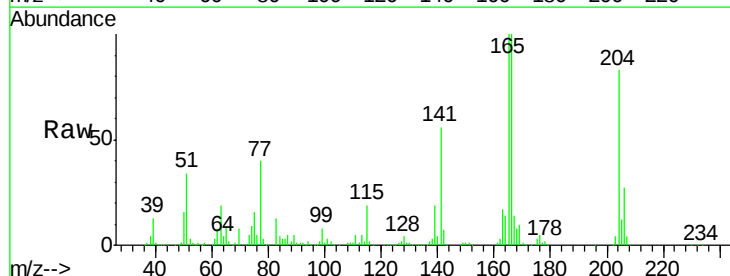
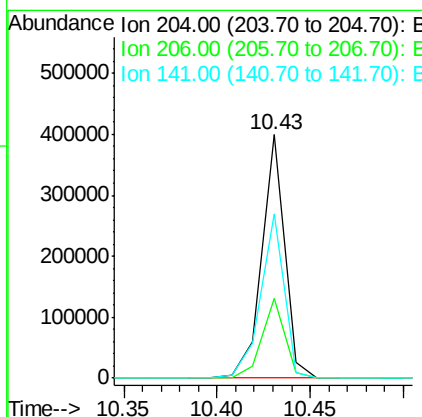
Manual Integrations
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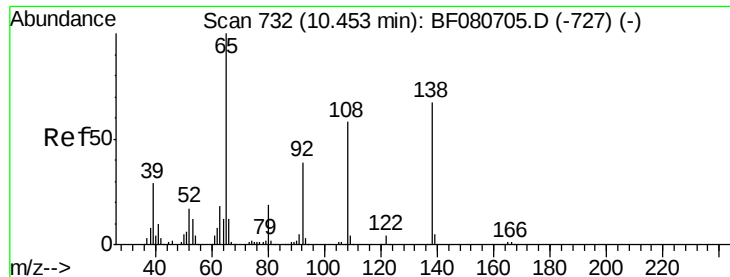
MMDadoda
8/3/2015 11:56:23 AM



#60
4-Chlorophenyl-phenylether
Concen: 48.73 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	336398		
206	32.5	25.1	37.7	
141	67.3	60.3	90.5	





#61

4-Nitroaniline

Concen: 41.02 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

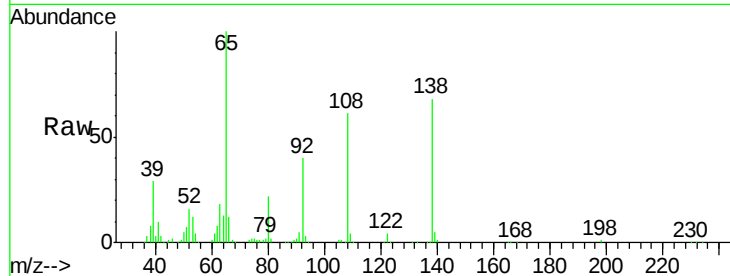
ClientSampleId :

PB84792BS

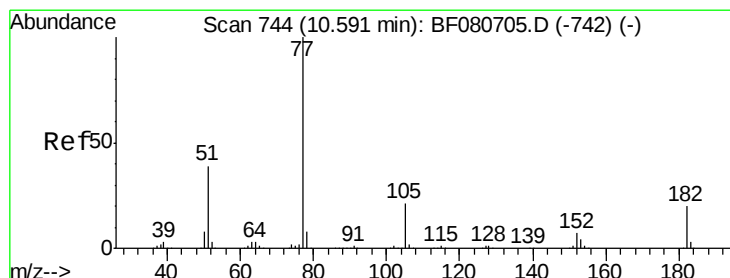
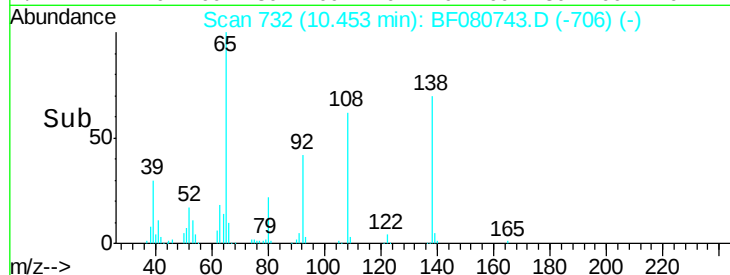
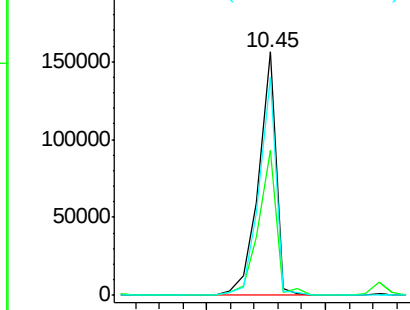
Tgt Ion:	138	Resp:	162217
Ion Ratio	Lower	Upper	
138	100		
92	59.4	38.2	78.2
108	89.7	66.3	106.3

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.37 ng

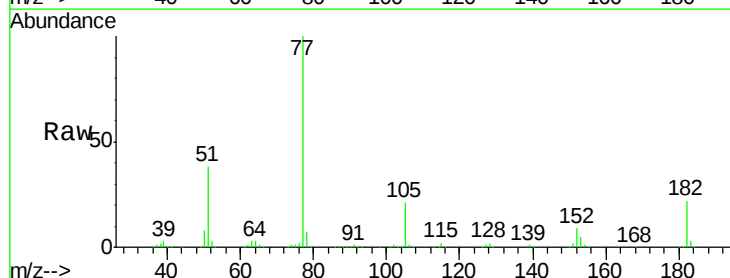
RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

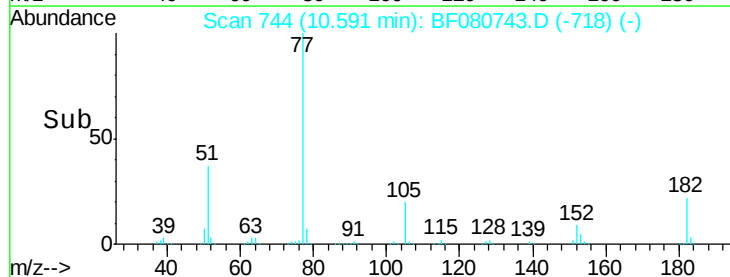
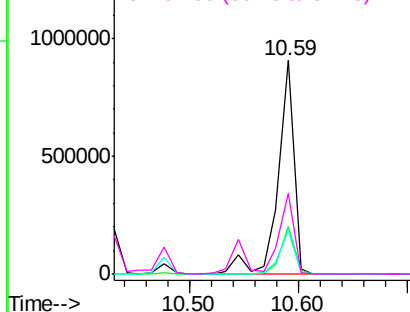
Lab File: BF080743.D

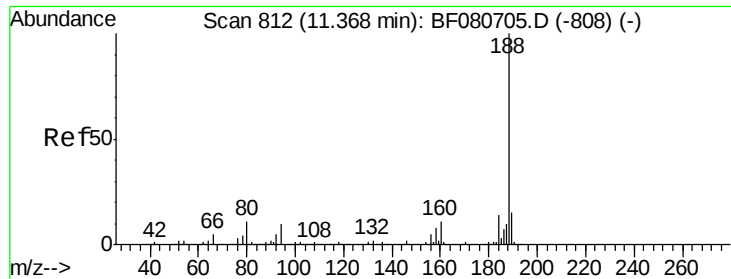
Acq: 31 Jul 2015 19:52

Tgt Ion:	77	Resp:	922096
Ion Ratio	Lower	Upper	
77	100		
182	22.1	0.0	39.9
105	20.6	1.1	41.1
51	37.6	18.9	58.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





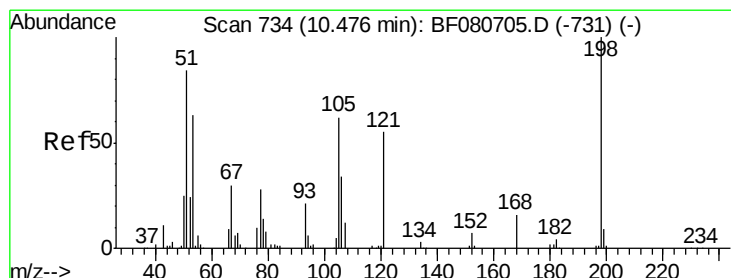
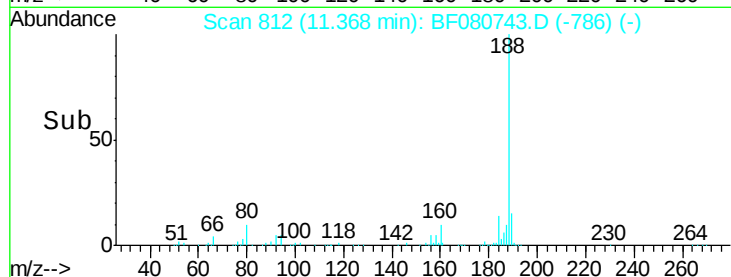
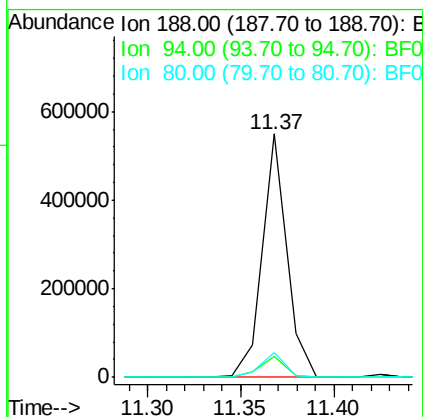
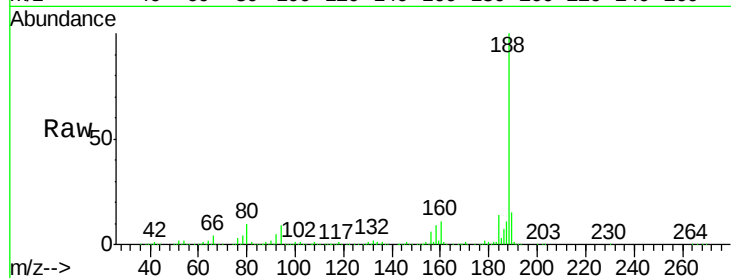
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.7	8.1	12.1
80	9.9	9.1	13.7

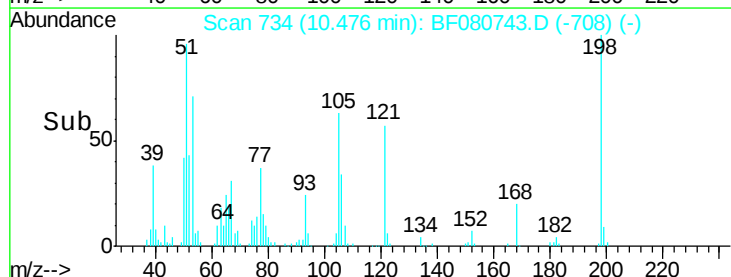
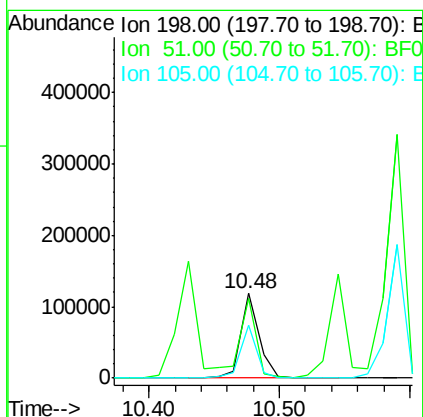
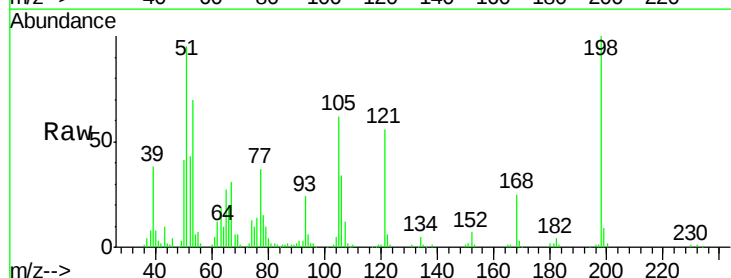
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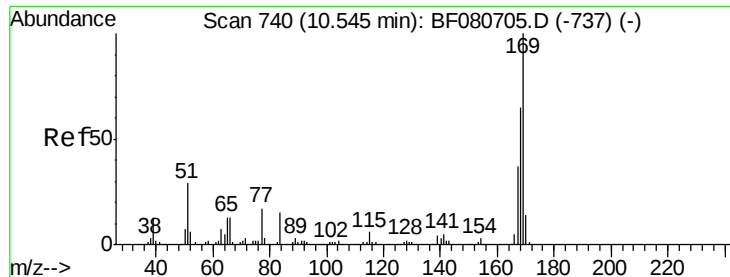
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.51 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	95.0	84.6	124.6
105	62.1	43.0	83.0





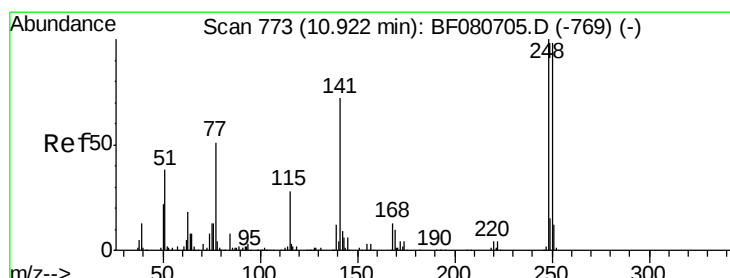
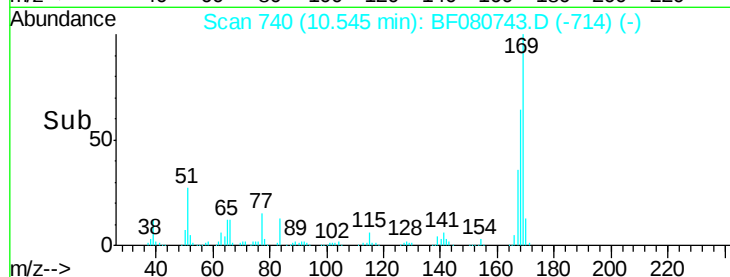
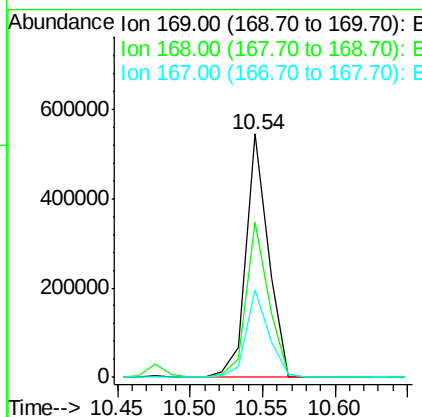
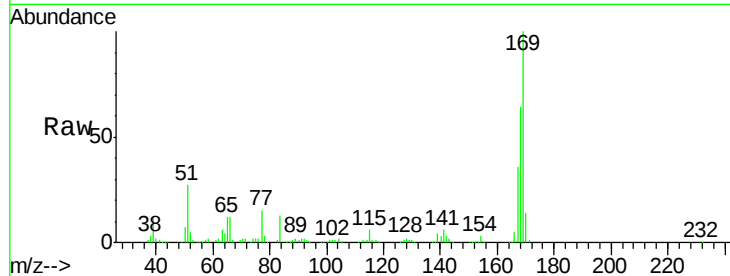
#65
n-Nitrosodiphenylamine
Concen: 35.37 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	580209		
168	63.9	52.1	78.1	
167	35.7	29.3	43.9	

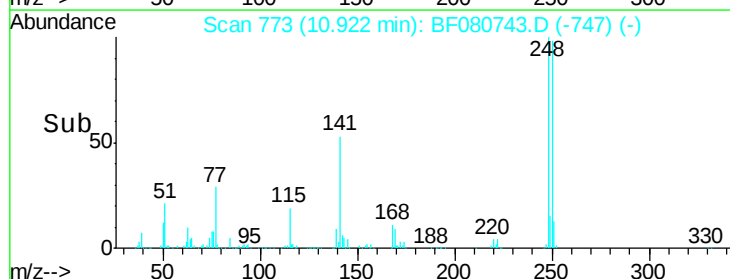
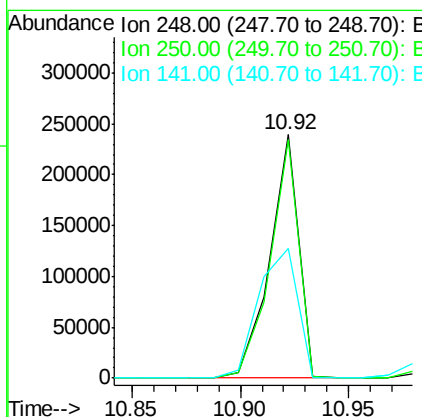
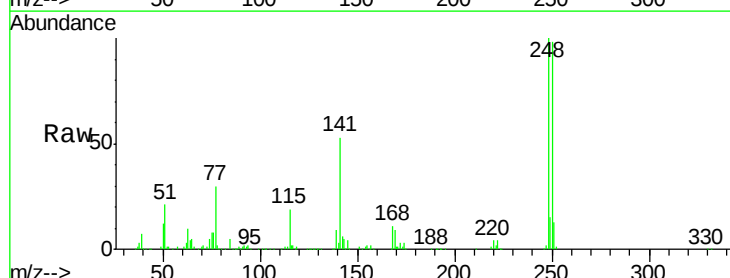
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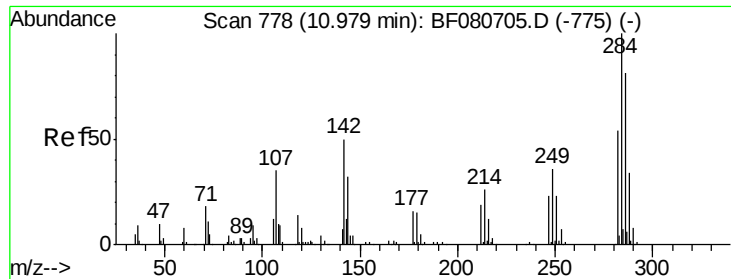
MMDadoda
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#66
4-Bromophenyl-phenylether
Concen: 43.40 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	224181		
250	98.1	78.4	117.6	
141	53.2	57.5	86.3	





#67

Hexachlorobenzene

Concen: 37.94 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

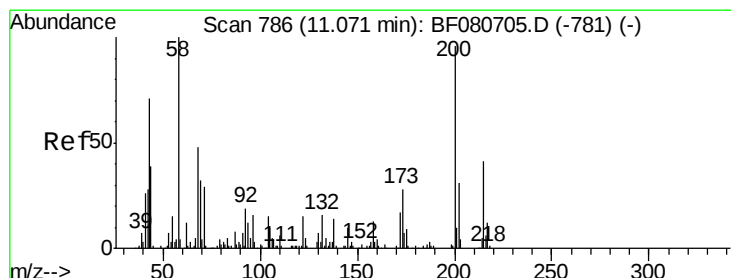
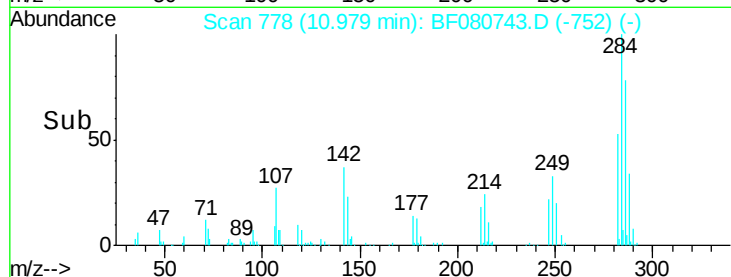
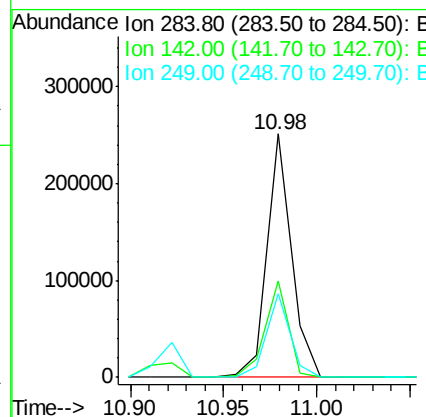
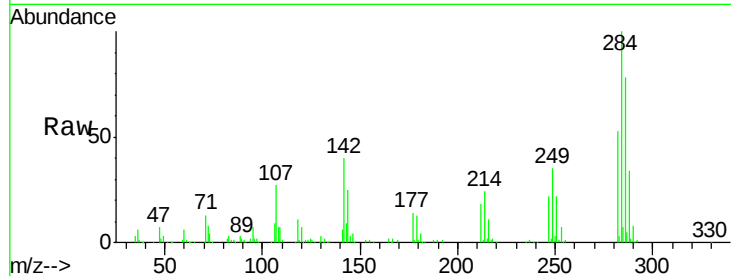
ClientSampleId :

PB84792BS

Tgt Ion:	284	Resp:	226556
Ion Ratio		Lower	Upper
284	100		
142	39.5	39.8	59.6#
249	34.5	28.7	43.1

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#68

Atrazine

Concen: 51.54 ng

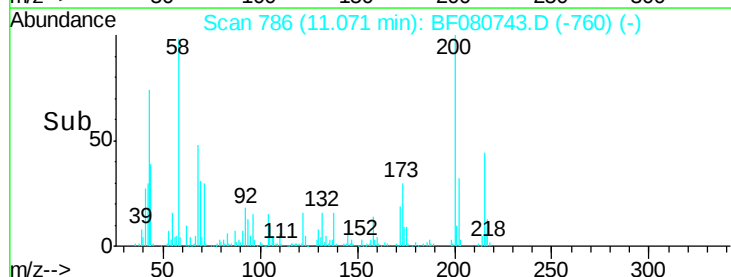
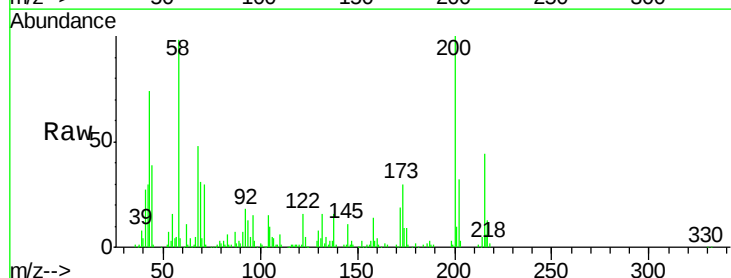
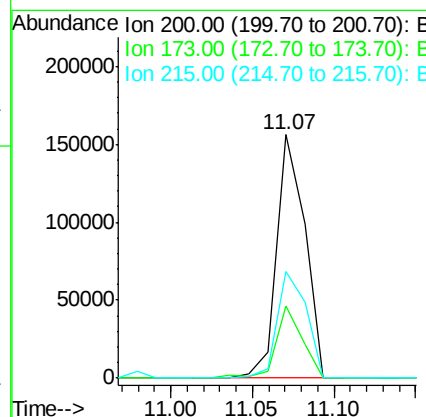
RT: 11.07 min Scan# 786

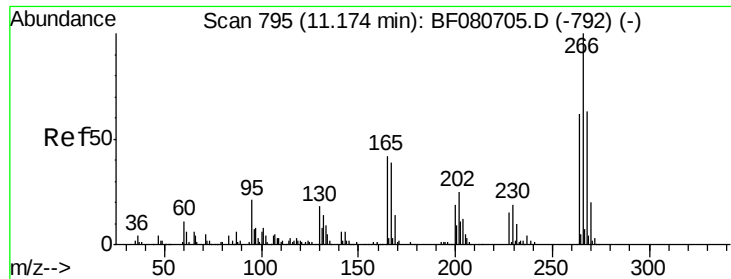
Delta R.T. 0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	200	Resp:	188542
Ion Ratio		Lower	Upper
200	100		
173	29.6	8.6	48.6
215	43.9	22.2	62.2





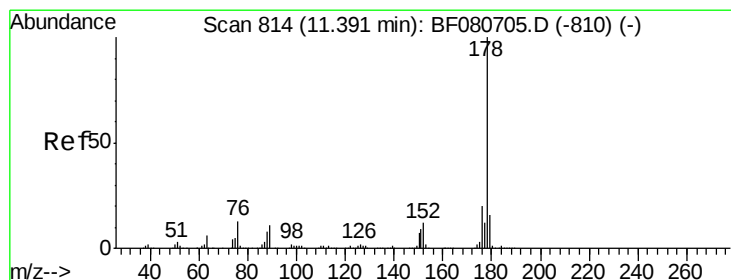
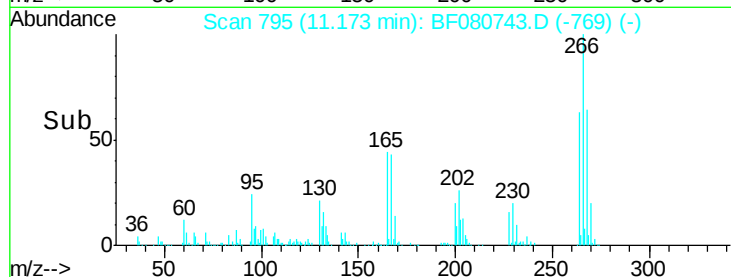
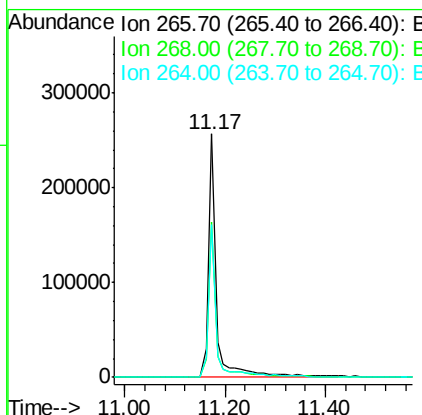
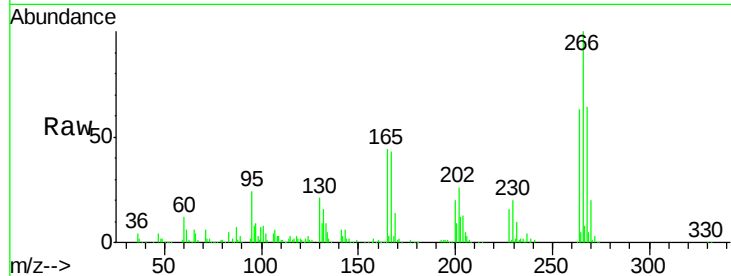
#69
 Pentachlorophenol
 Concen: 79.12 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	285907		
268	64.0		50.5	75.7
264	62.6		50.0	75.0

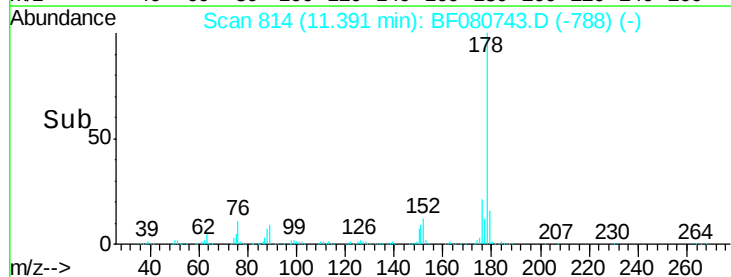
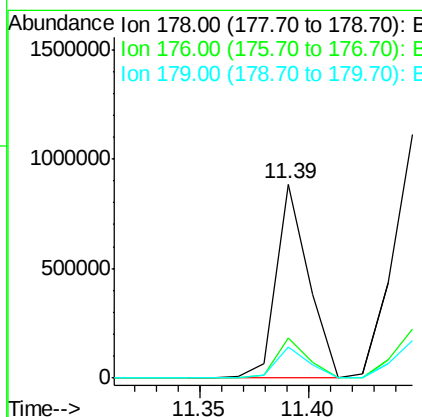
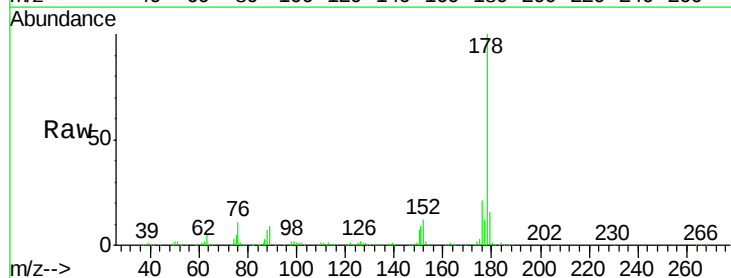
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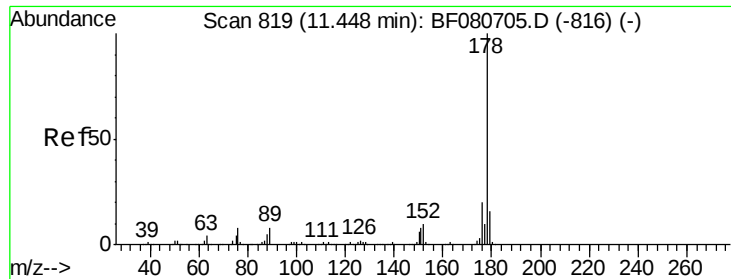
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#70
 Phenanthrene
 Concen: 36.66 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	924023		
176	20.9		16.2	24.4
179	16.4		13.0	19.4





#71

Anthracene

Concen: 43.75 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

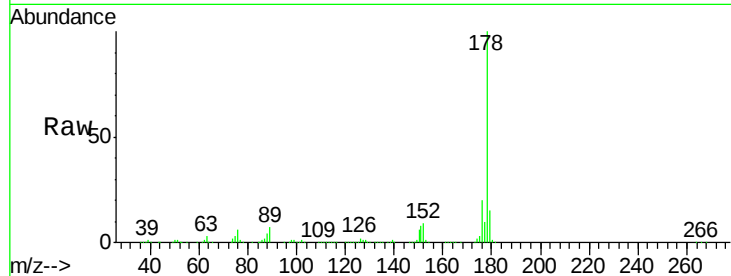
ClientSampleId :

PB84792BS

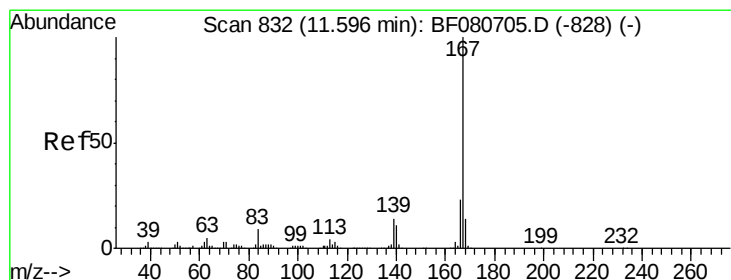
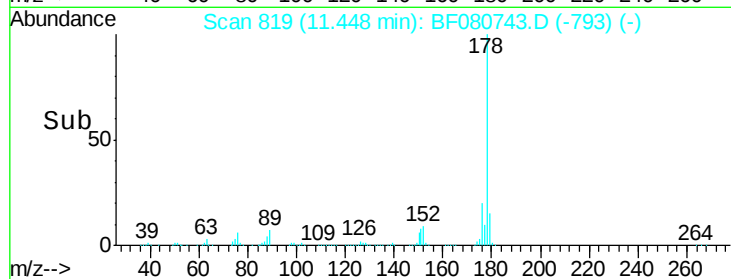
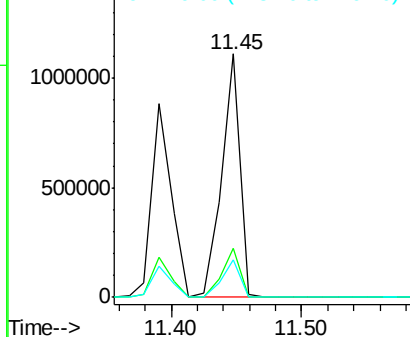
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Tgt Ion:	178	Resp:	1083704
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.5	12.7	19.1



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: 38.75 ng

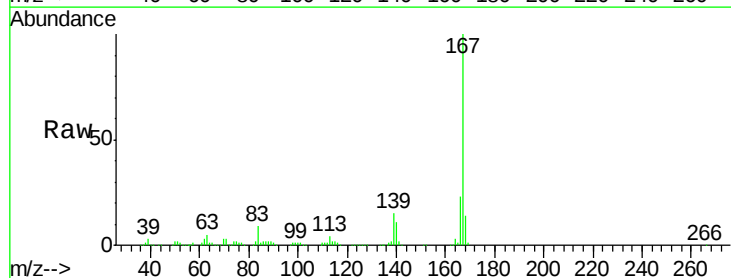
RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

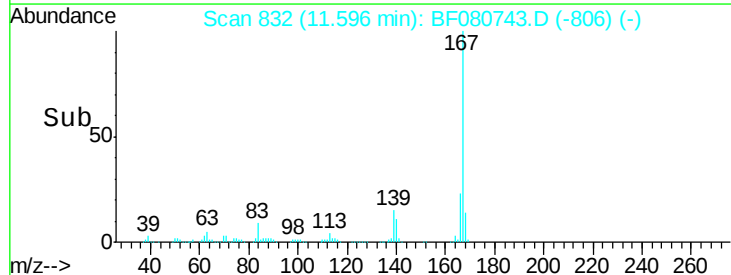
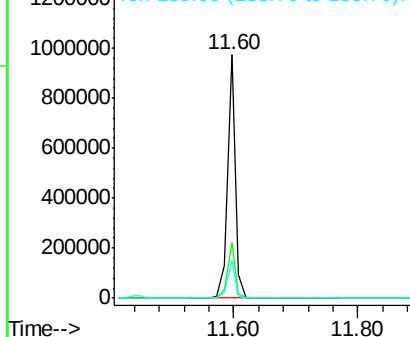
Lab File: BF080743.D

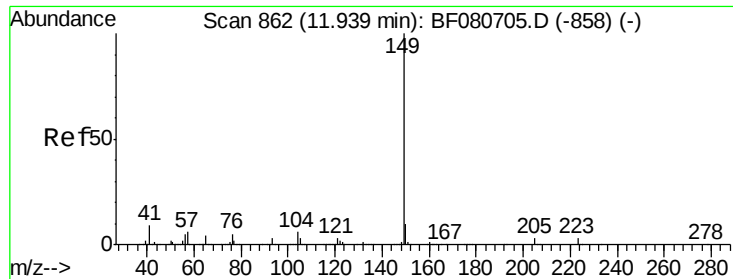
Acq: 31 Jul 2015 19:52

Tgt Ion:	167	Resp:	833147
Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	15.4	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: 44.27 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

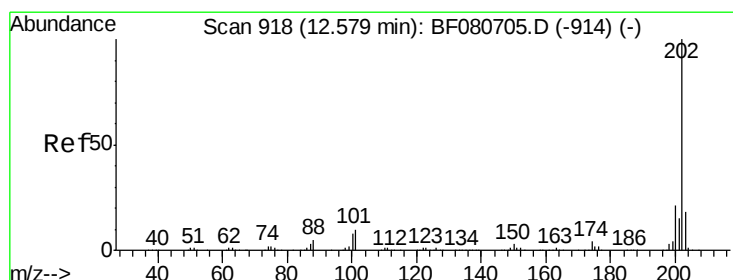
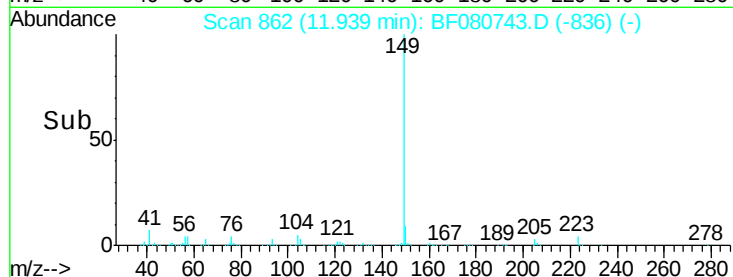
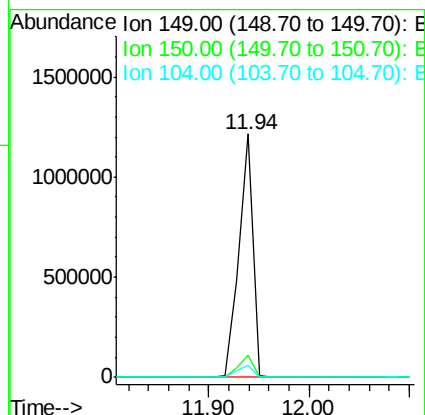
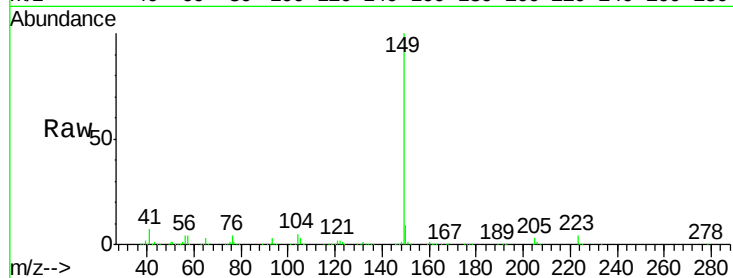
ClientSampleId :

PB84792BS

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Tgt Ion:	149	Resp:	1180072
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	4.8	4.4	6.6



#74

Fluoranthene

Concen: 43.83 ng

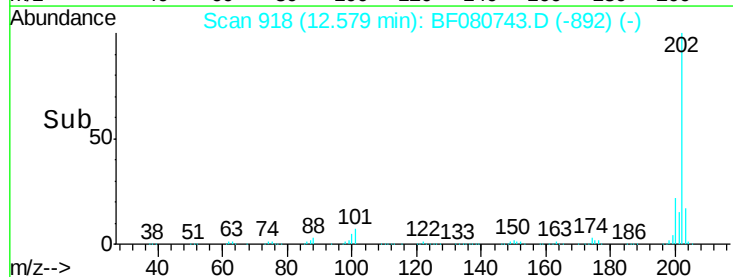
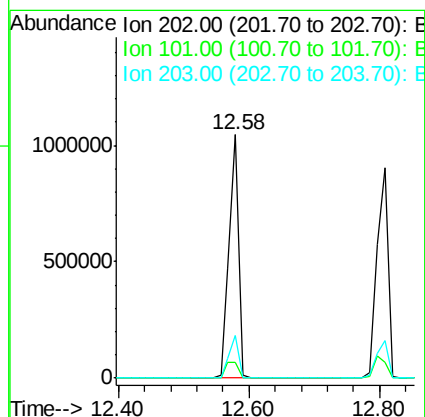
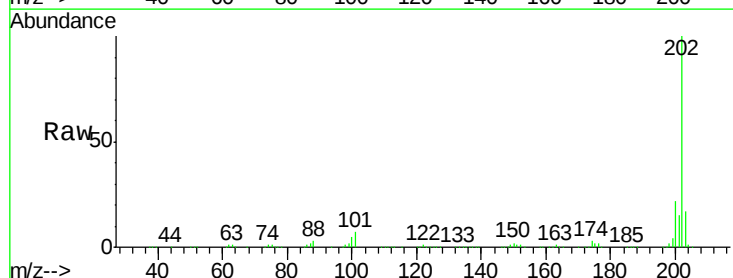
RT: 12.58 min Scan# 918

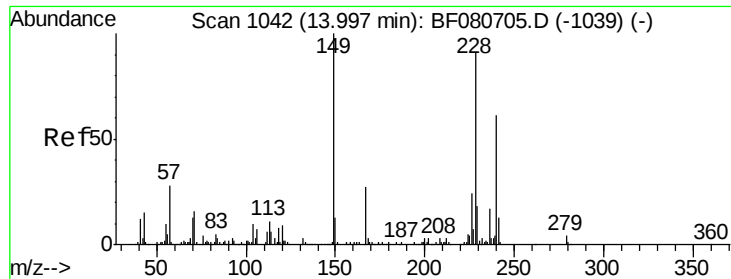
Delta R.T. -0.00 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	202	Resp:	1068298
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	29.6
203	17.4	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF080743.D

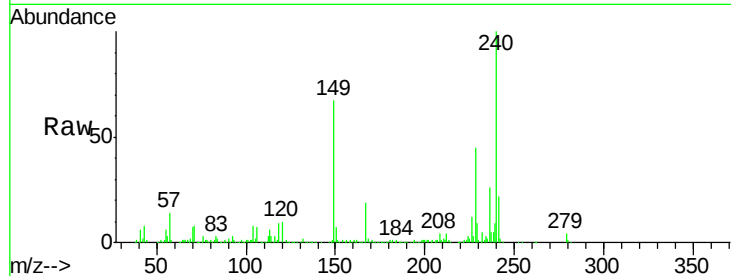
Acq: 31 Jul 2015 19:52

Instrument :

BNA_F

ClientSampleId :

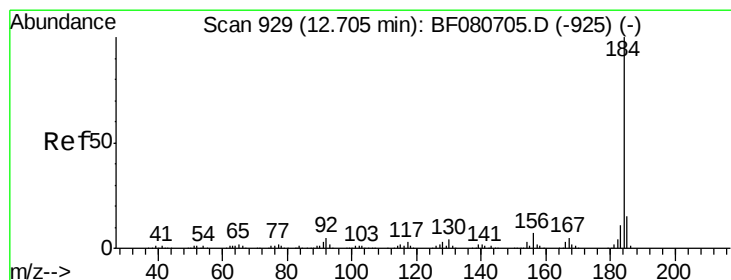
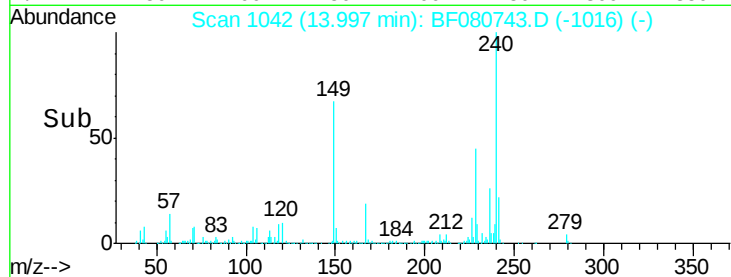
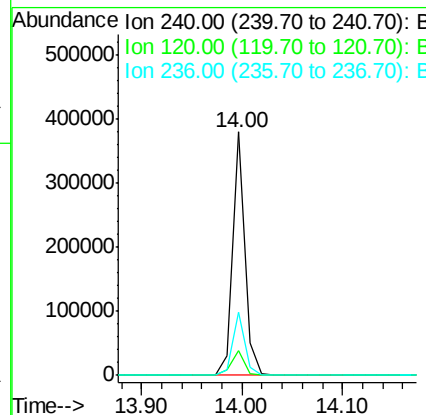
PB84792BS



Tgt Ion:	240	Resp:	321416
Ion Ratio	Lower	Upper	
240	100		
120	10.0	11.8	17.8#
236	26.0	21.8	32.8

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#76

Benzidine

Concen: 26.54 ng

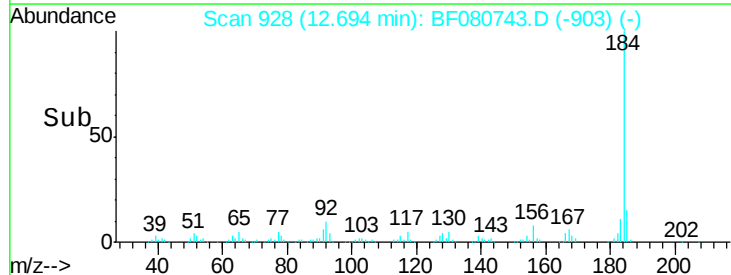
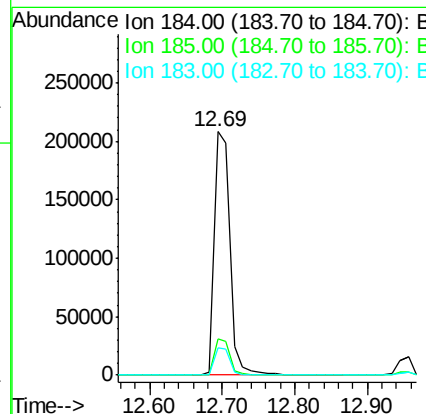
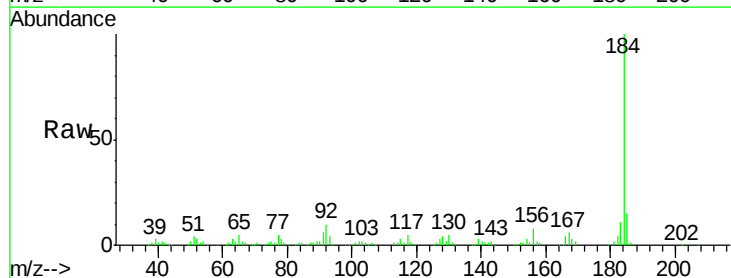
RT: 12.69 min Scan# 928

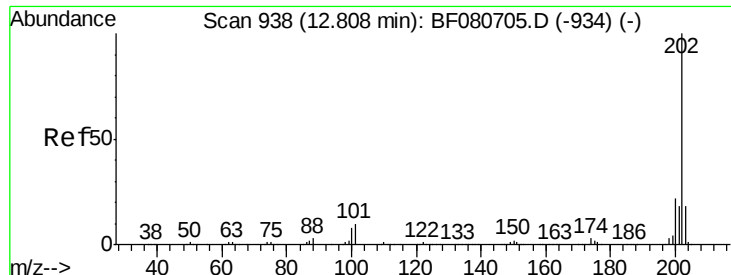
Delta R.T. -0.01 min

Lab File: BF080743.D

Acq: 31 Jul 2015 19:52

Tgt Ion:	184	Resp:	310572
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	11.4	9.1	13.7





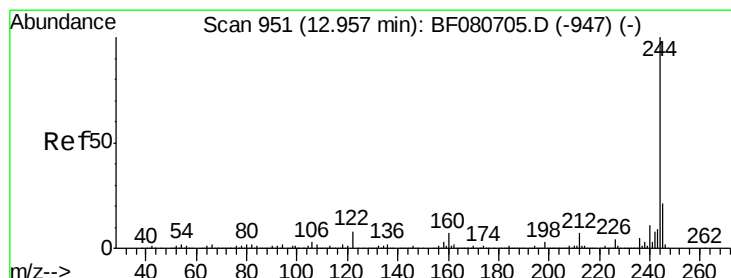
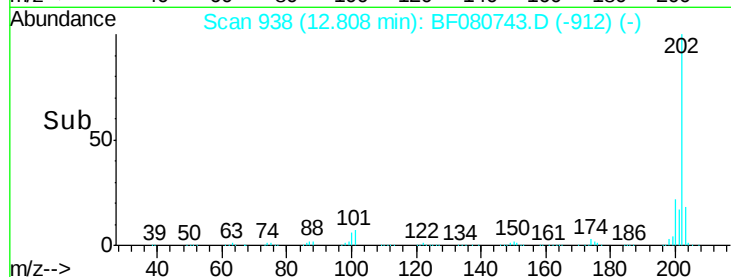
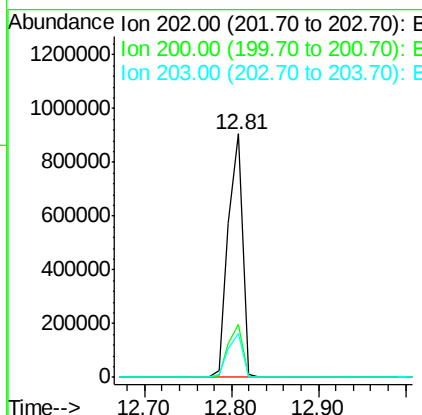
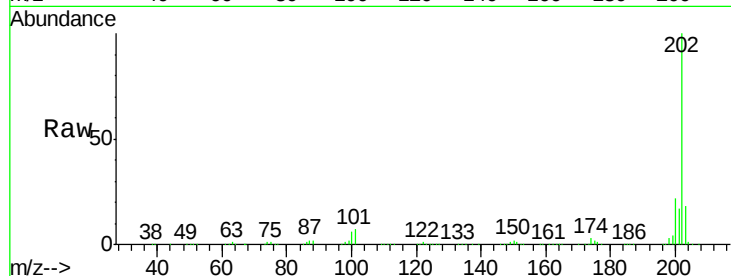
#77
 Pyrene
 Concen: 41.88 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.2	21.2

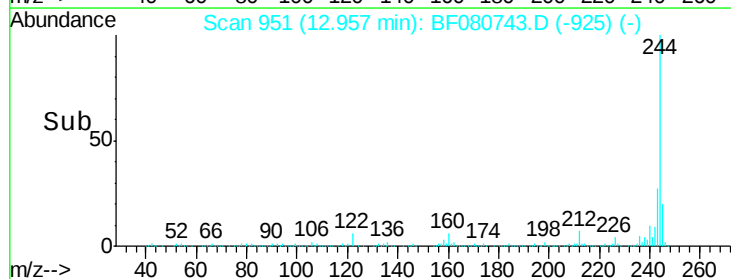
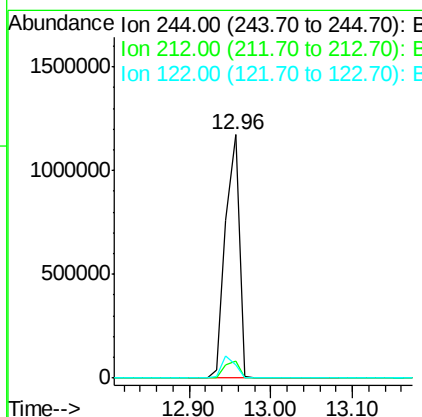
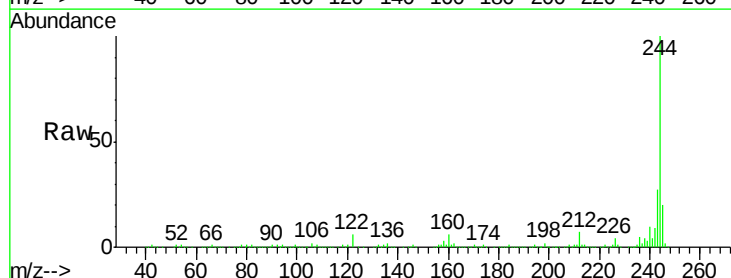
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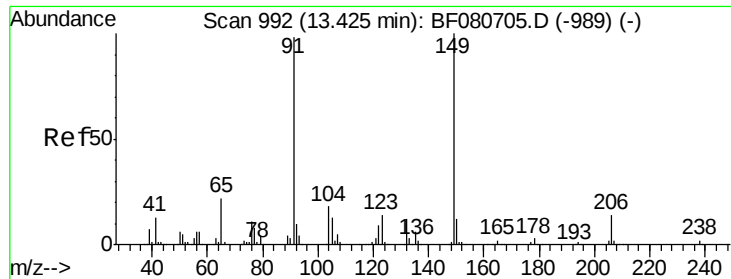
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 8/3/2015 11:56:23 AM



#78
 Terphenyl-d14
 Concen: 80.38 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	5.5	6.6	9.8#





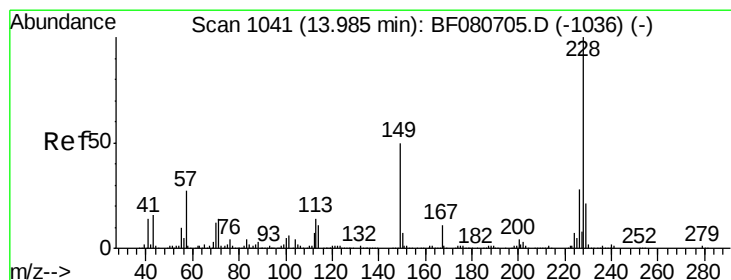
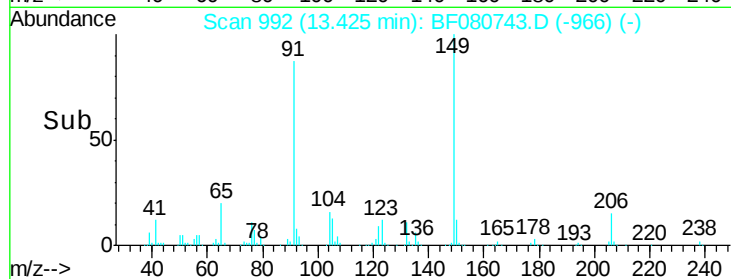
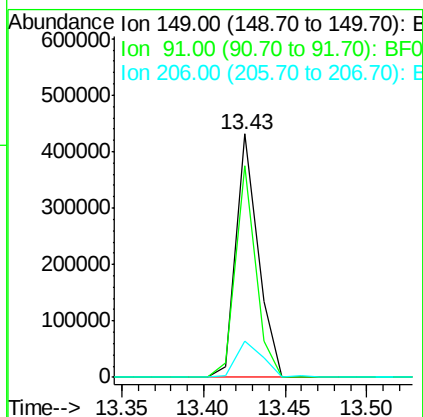
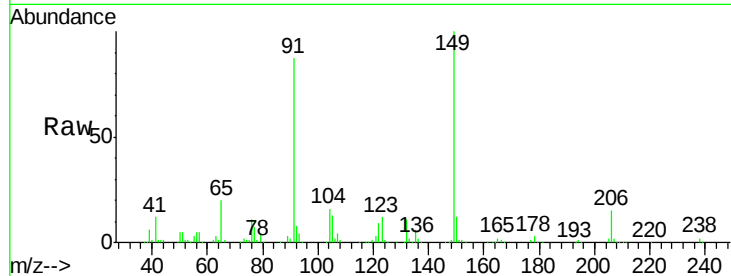
#79
Butylbenzylphthalate
Concen: 39.30 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	404088		
91	87.1	78.6	118.0	
206	15.0	11.4	17.2	

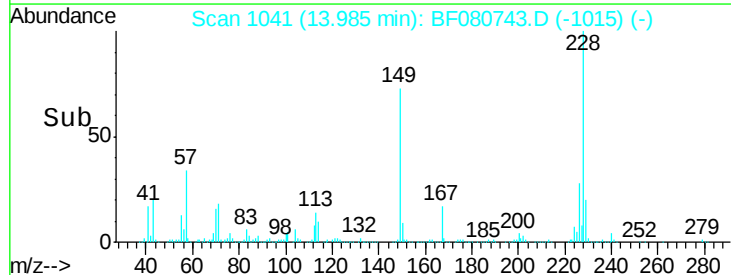
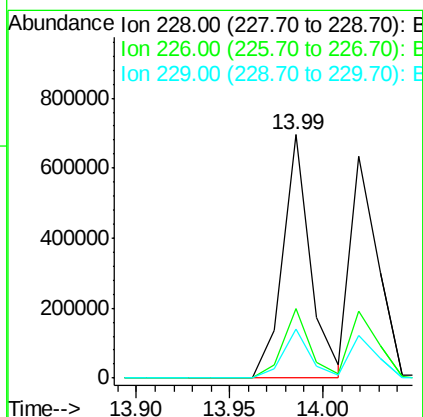
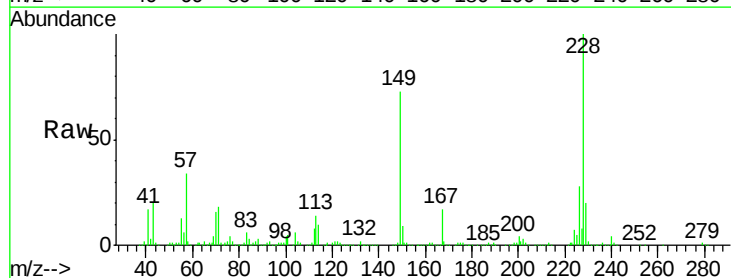
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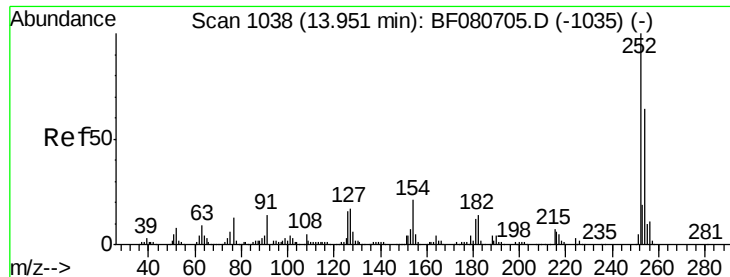
MMDadoda
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#80
Benzo(a)anthracene
Concen: 37.07 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	716591		
226	28.4	22.6	33.8	
229	20.0	16.6	25.0	





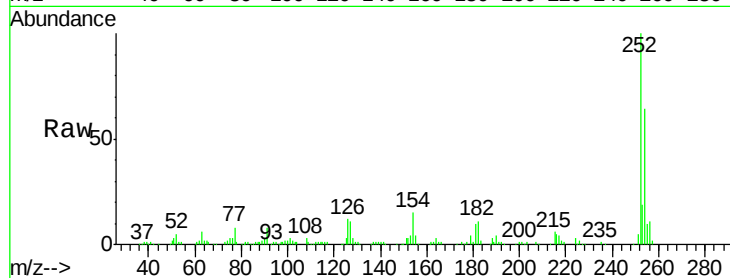
#81
 3,3'-Dichlorobenzidine
 Concen: 19.53 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

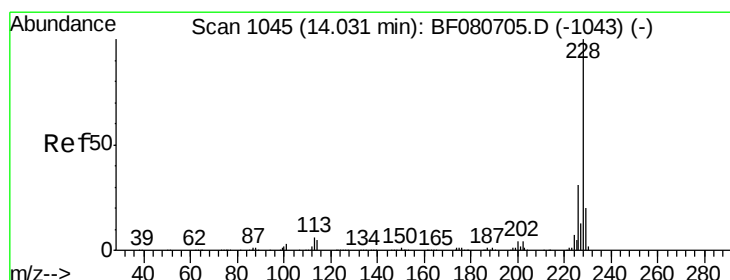
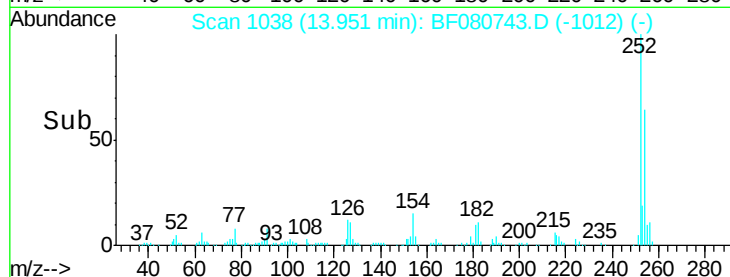
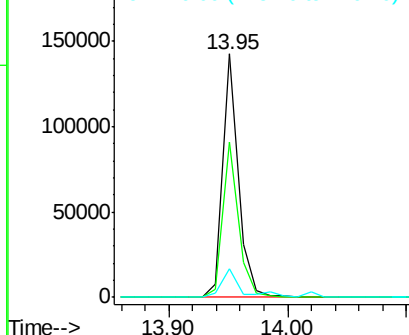
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.8	51.0	76.4
126	11.5	13.2	19.8

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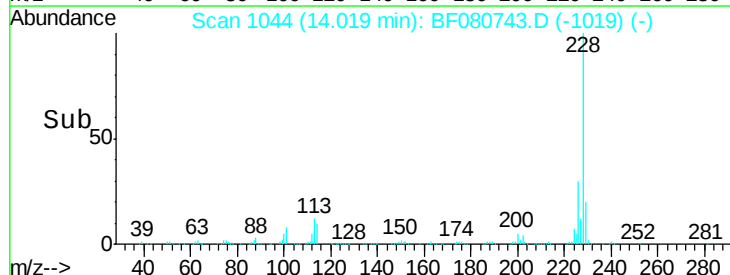
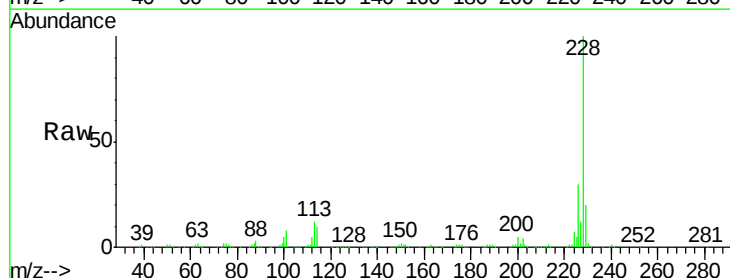
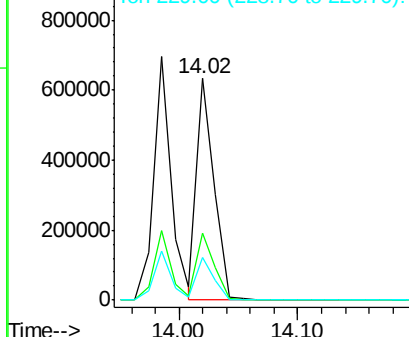
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

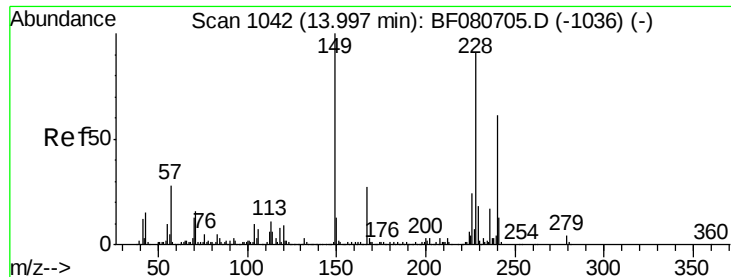


#82
 Chrysene
 Concen: 34.82 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.2	25.1	37.7
229	19.5	15.8	23.8

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





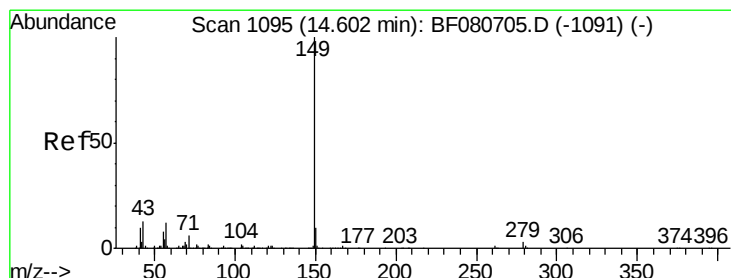
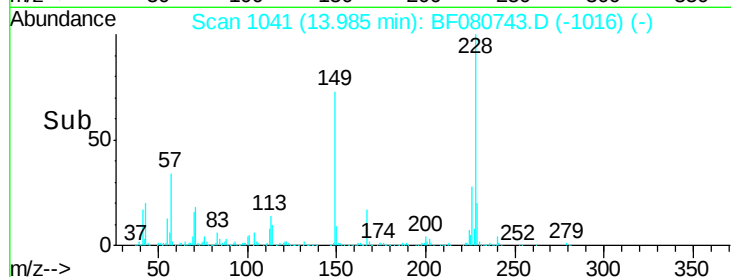
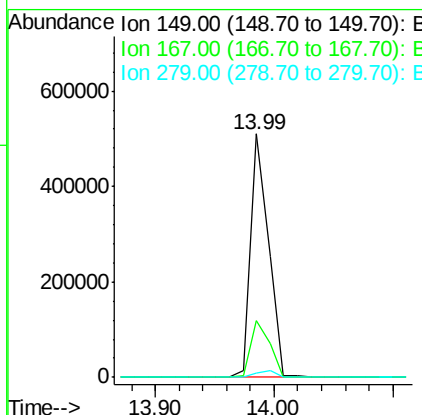
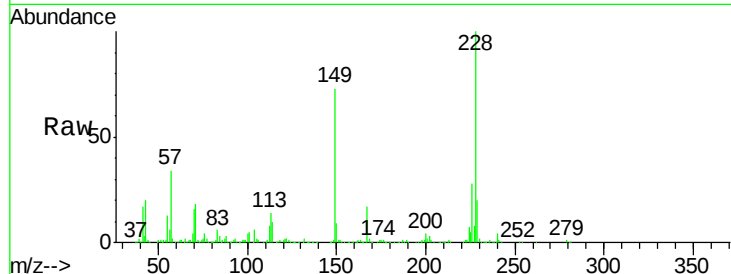
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.46 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539335		
167	23.4	21.8	32.8	
279	1.9	3.4	5.0	

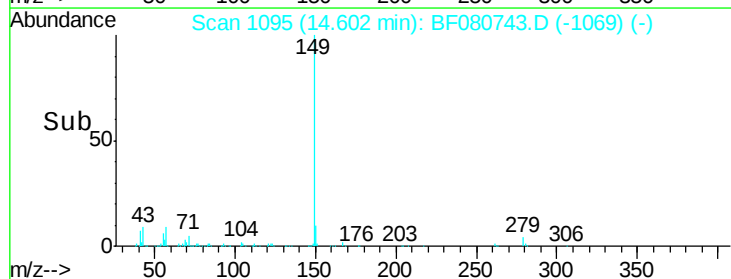
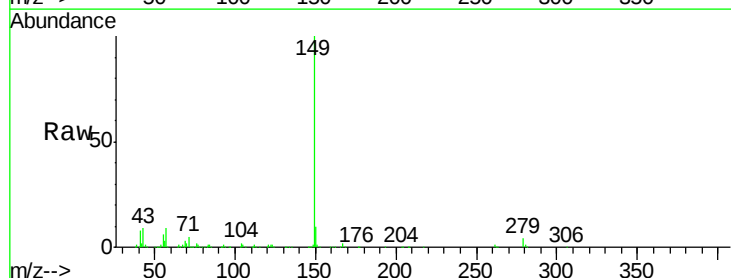
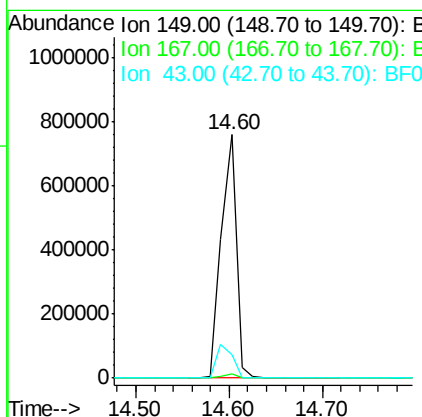
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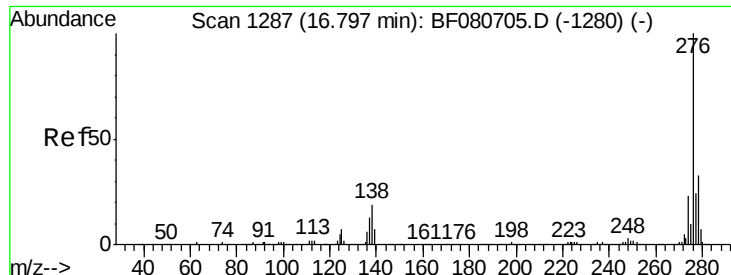
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#84
 Di-n-octyl phthalate
 Concen: 40.82 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

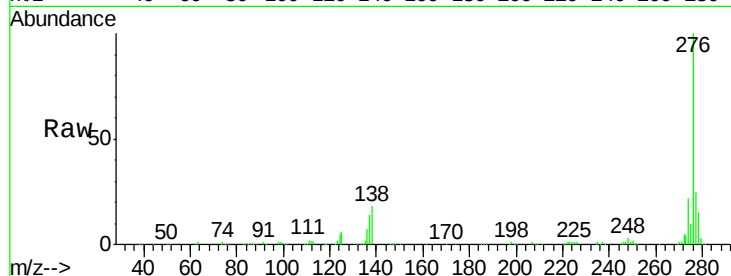
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	849322		
167	1.4	1.1	1.7	
43	14.9	12.2	18.4	





#85
Indeno(1,2,3-cd)pyrene
Concen: 39.30 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

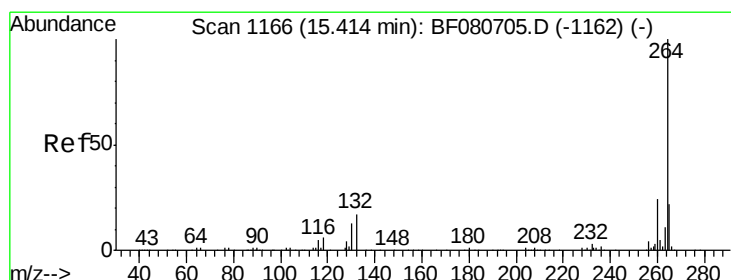
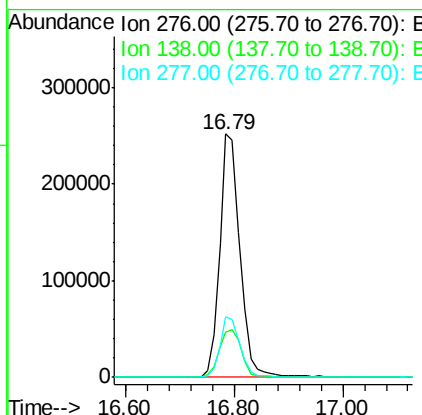
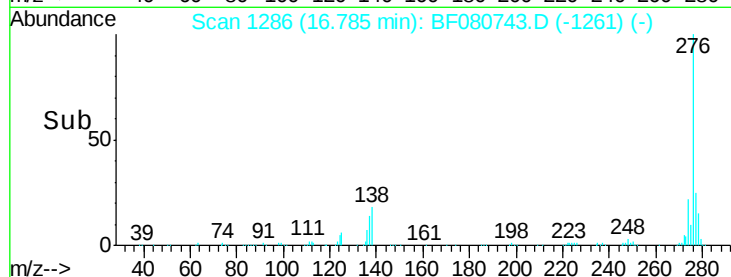
Instrument :
BNA_F
ClientSampleId :
PB84792BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	658921		
138	21.8	13.2	19.8	
277	24.9	15.4	23.2	

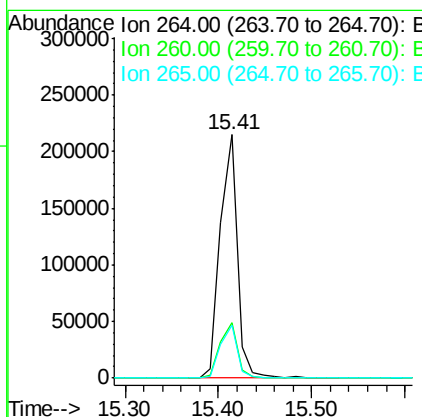
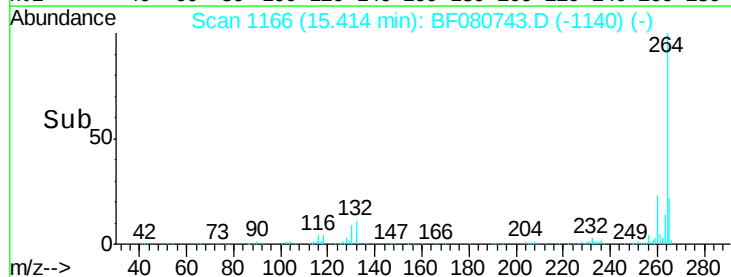
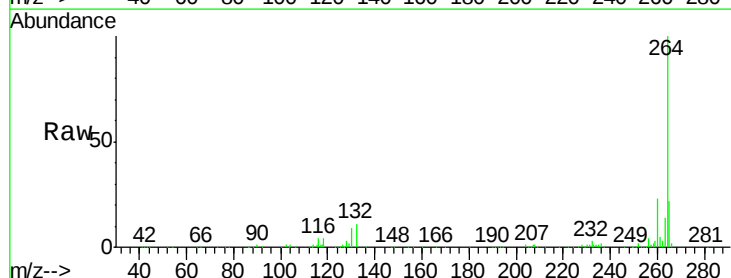
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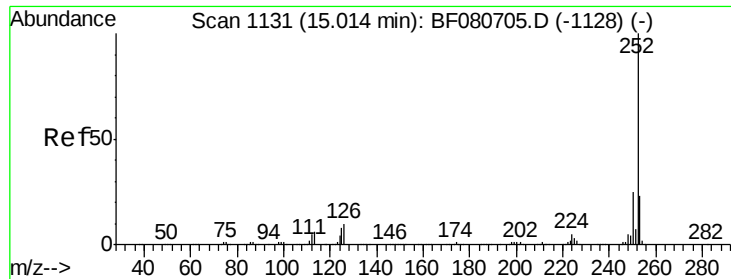
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	275063		
260	22.6	19.4	29.0	
265	21.5	17.3	25.9	





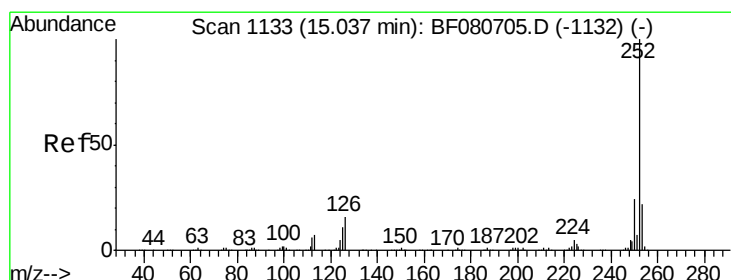
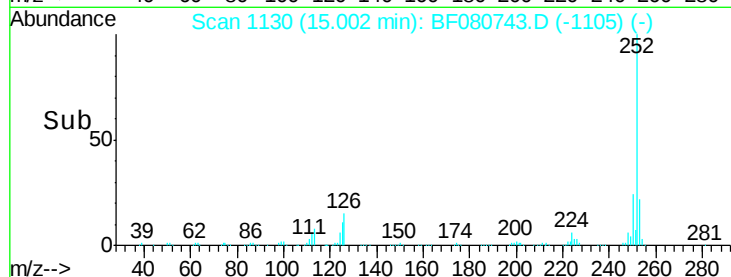
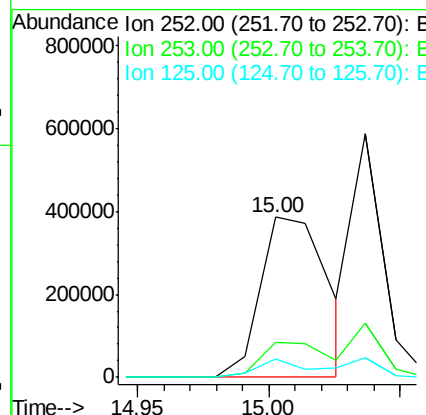
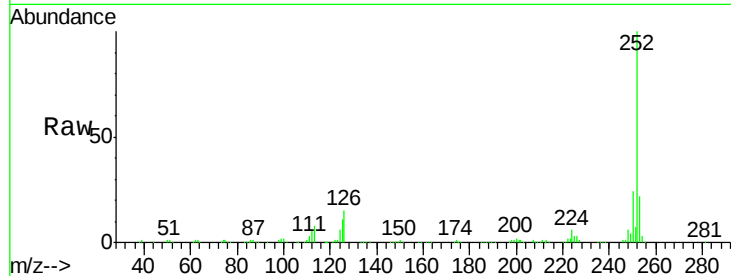
#87
Benzo(b)fluoranthene
Concen: 41.66 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	684544		
253	22.2	18.1	27.1	
125	11.4	6.2	9.2	

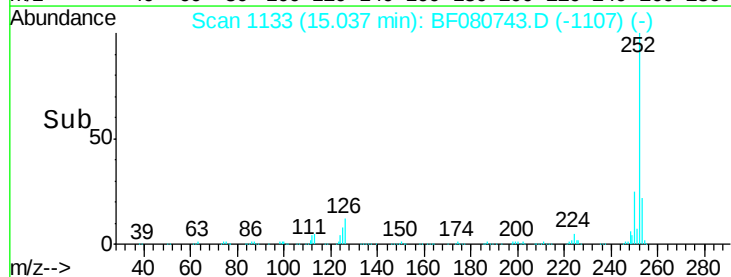
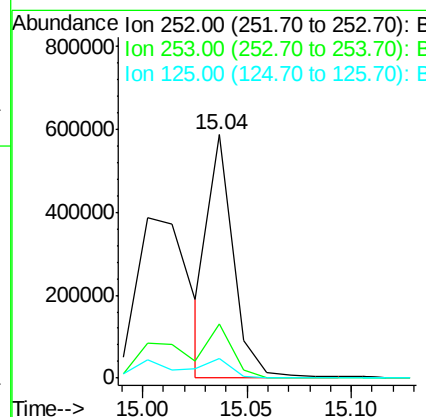
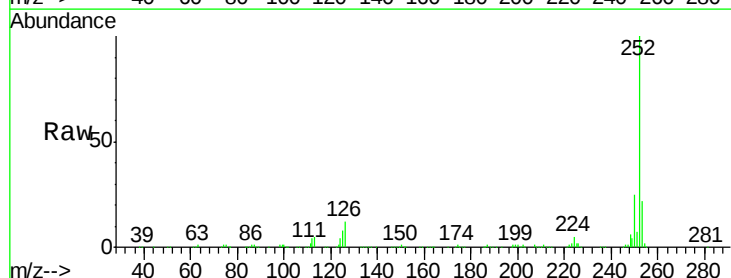
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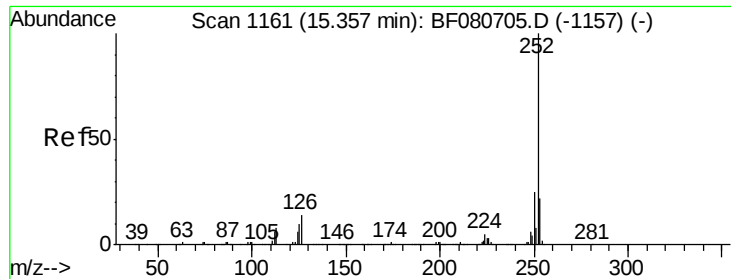
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#88
Benzo(k)fluoranthene
Concen: 35.83 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	484509		
253	22.4	17.8	26.6	
125	8.1	9.0	13.4	





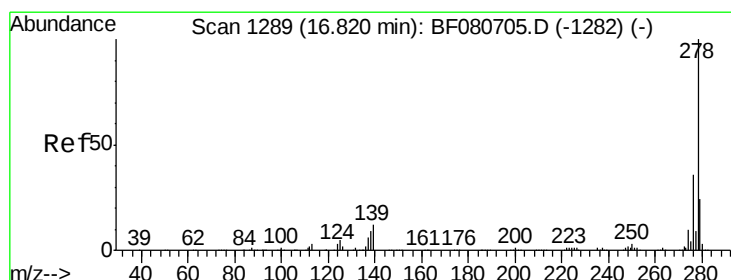
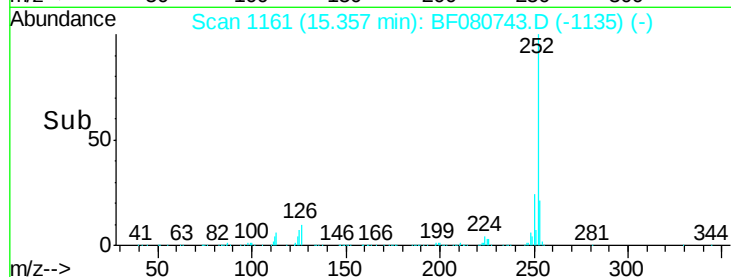
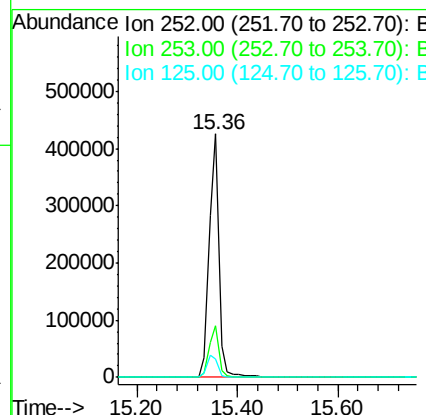
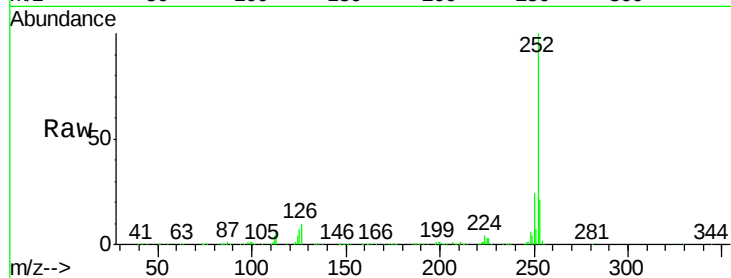
#89
Benzo(a)pyrene
Concen: 42.51 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	7.3	8.2	12.4

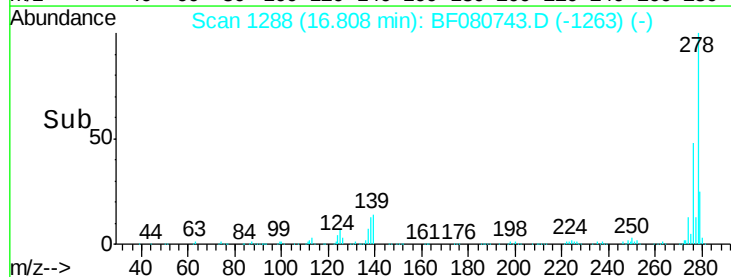
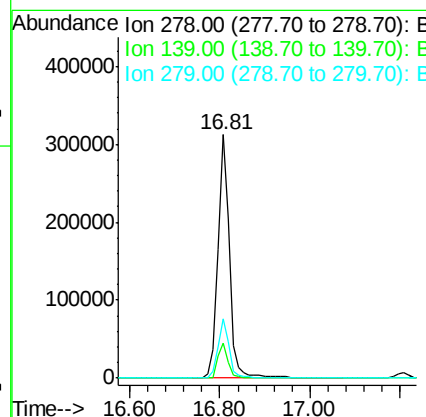
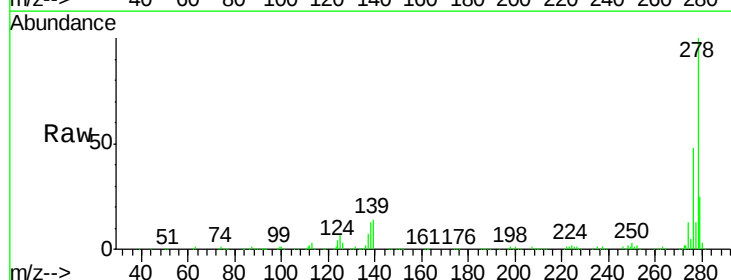
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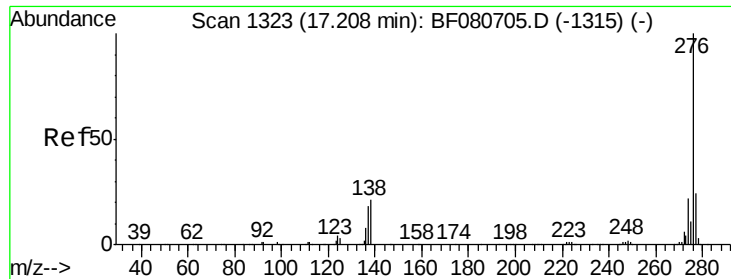
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 46.58 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	9.8	14.8
279	24.6	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 47.06 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080743.D
 Acq: 31 Jul 2015 19:52

Instrument :
 BNA_F
 ClientSampleId :
 PB84792BS

Tgt Ion:	276	Resp:	559133
Ion Ratio		Lower	Upper
276	100		
277	22.6	18.9	28.3
138	18.3	16.9	25.3

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