

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071715\
 Data File : BF080554.D
 Acq On : 18 Jul 2015 1:32
 Operator : TP/UM
 Sample : PB84537BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Manual Integrations
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 7/20/2015 3:44:32 PM

Quant Time: Jul 20 14:29:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 20 13:29:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	51648	20.00	ng	0.00
21) Naphthalene-d8	8.35	136	223229	20.00	ng	0.00
38) Acenaphthene-d10	10.11	164	106466	20.00	ng	0.00
63) Phenanthrene-d10	11.60	188	212856	20.00	ng	0.00
75) Chrysene-d12	14.40	240	209108	20.00	ng	0.05
86) Perylene-d12	16.09	264	202328	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	383595	115.80	ng	0.00
7) Phenol-d6	6.70	99	462566	122.70	ng	0.00
23) Nitrobenzene-d5	7.63	82	284496	81.26	ng	0.00
41) 2,4,6-Tribromophenol	10.90	330	135737	142.48	ng	0.00
44) 2-Fluorobiphenyl	9.42	172	616576	81.34	ng	0.00
78) Terphenyl-d14	13.21	244	632021	67.49	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	40227	29.03	ng	# 82
3) Pyridine	3.71	79	86149	35.51	ng	93
4) n-Nitrosodimethylamine	3.55	42	70436	38.56	ng	90
6) Aniline	6.74	93	101319	20.39	ng	94
8) 2-Chlorophenol	6.85	128	136651	39.54	ng	97
9) Benzaldehyde	6.62	77	34199	16.06	ng	98
10) Phenol	6.72	94	160418	36.79	ng	93
11) bis(2-Chloroethyl)ether	6.80	93	123571	37.50	ng	100
12) 1,3-Dichlorobenzene	7.00	146	150178	38.60	ng	99
13) 1,4-Dichlorobenzene	7.08	146	159310	37.18	ng	97
14) 1,2-Dichlorobenzene	7.24	146	144822	36.76	ng	98
15) Benzyl Alcohol	7.22	79	89651	37.25	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.33	45	205396	36.63	ng	98
17) 2-Methylphenol	7.33	107	100969	38.30	ng	96
18) Hexachloroethane	7.58	117	49259	35.87	ng	97
19) n-Nitroso-di-n-propylamine	7.47	70	81369	38.55	ng	96
20) 3+4-Methylphenols	7.48	107	149973	39.40	ng	96
22) Acetophenone	7.47	105	183979	38.40	ng	# 97
24) Nitrobenzene	7.65	77	127797	32.30	ng	96
25) Isophorone	7.88	82	244313	36.56	ng	98
26) 2-Nitrophenol	7.97	139	64681	33.32	ng	98
27) 2,4-Dimethylphenol	8.01	122	134543	40.46	ng	99
28) bis(2-Chloroethoxy)methane	8.09	93	135041	36.49	ng	# 95
29) 2,4-Dichlorophenol	8.21	162	117712	41.81	ng	96
30) 1,2,4-Trichlorobenzene	8.29	180	128807	35.79	ng	99
31) Naphthalene	8.37	128	427079	38.65	ng	99
32) Benzoic acid	8.10	122	51592	36.94	ng	95
33) 4-Chloroaniline	8.43	127	81713	18.56	ng	97
34) Hexachlorobutadiene	8.49	225	64550	38.46	ng	96
35) Caprolactam	8.77	113	26628	40.76	ng	# 67
36) 4-Chloro-3-methylphenol	8.91	107	121121	41.76	ng	97
37) 2-Methylnaphthalene	9.06	142	267533	39.45	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.23	216	123873	36.79	ng	98
40) Hexachlorocyclopentadiene	9.22	237	133622	84.32	ng	99

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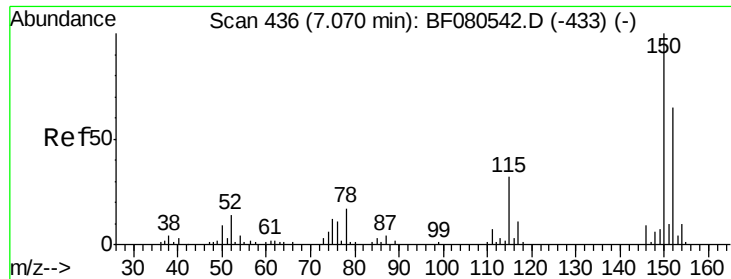
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.34	196	78749	40.61	ng	99
43) 2,4,5-Trichlorophenol	9.39	196	84818	40.03	ng	96
45) 1,1'-Biphenyl	9.53	154	331609	37.57	ng	100
46) 2-Chloronaphthalene	9.55	162	256834	39.49	ng	99
47) 2-Nitroaniline	9.65	65	65606	41.37	ng	98
48) Acenaphthylene	9.97	152	408817	37.96	ng	100
49) Dimethylphthalate	9.82	163	291118	41.09	ng	99
50) 2,6-Dinitrotoluene	9.89	165	54900	40.34	ng	# 44
51) Acenaphthene	10.14	154	274058	41.64	ng	99
52) 3-Nitroaniline	10.06	138	37371	25.81	ng	88
53) 2,4-Dinitrophenol	10.17	184	62569	78.20	ng	90
54) Dibenzofuran	10.32	168	365054	39.84	ng	97
55) 4-Nitrophenol	10.24	139	108522	80.64	ng	91
56) 2,4-Dinitrotoluene	10.29	165	89829	42.47	ng	98
57) Fluorene	10.66	166	282410	38.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.44	232	63390	44.35	ng	97
59) Diethylphthalate	10.52	149	299728	44.82	ng	98
60) 4-Chlorophenyl-phenylether	10.65	204	125205	38.50	ng	96
61) 4-Nitroaniline	10.68	138	65837	39.37	ng	89
62) Azobenzene	10.81	77	290609	43.18	ng	# 79
64) 4,6-Dinitro-2-methylphenol	10.70	198	37832	40.21	ng	98
65) n-Nitrosodiphenylamine	10.76	169	255811	36.48	ng	99
66) 4-Bromophenyl-phenylether	11.14	248	72891	37.36	ng	97
67) Hexachlorobenzene	11.21	284	92125	38.93	ng	96
68) Atrazine	11.29	200	68715	41.41	ng	84
69) Pentachlorophenol	11.41	266	83438	69.94	ng	95
70) Phenanthrene	11.62	178	435228	37.53	ng	98
71) Anthracene	11.68	178	435910	38.70	ng	100
72) Carbazole	11.84	167	389889	38.64	ng	99
73) Di-n-butylphthalate	12.14	149	405444	40.06	ng	99
74) Fluoranthene	12.83	202	446942	41.22	ng	95
76) Benzidine	12.96	184	135485	24.21	ng	100
77) Pyrene	13.07	202	489750	36.29	ng	100
79) Butylbenzylphthalate	13.72	149	166819	38.81	ng	97
80) Benzo(a)anthracene	14.39	228	452409	38.87	ng	99
81) 3,3'-Dichlorobenzidine	14.34	252	71015	19.32	ng	# 97
82) Chrysene	14.42	228	405823	34.80	ng	99
83) Bis(2-ethylhexyl)phthalate	14.35	149	242049	38.56	ng	# 96
84) Di-n-octyl phthalate	15.09	149	392355	41.10	ng	99
85) Indeno(1,2,3-cd)pyrene	17.68	276	493146	41.05	ng	97
87) Benzo(h)fluoranthene	15.62	252	421992m	33.65	ng	
88) Benzo(k)fluoranthene	15.65	252	449864m	41.43	ng	
89) Benzo(a)pyrene	16.02	252	429194	40.16	ng	99
90) Dibenzo(a,h)anthracene	17.69	278	416917	39.62	ng	96
91) Benzo(g,h,i)perylene	18.16	276	426359	40.14	ng	97

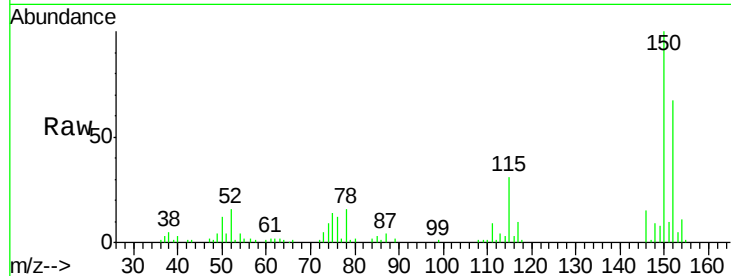
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

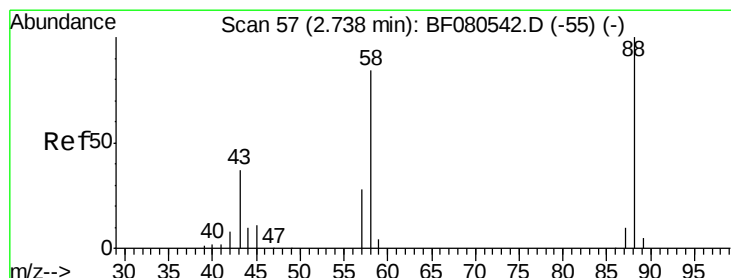
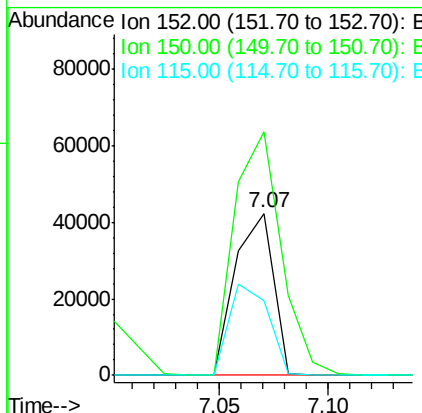
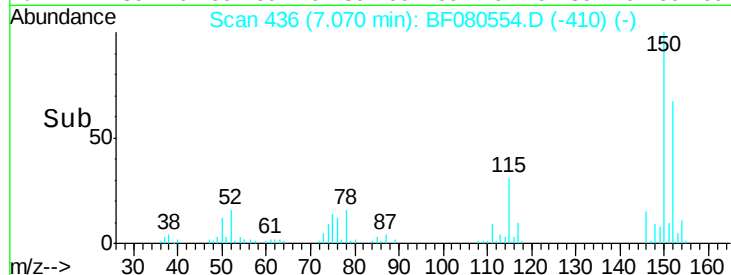
Instrument :
BNA_F
ClientSampleId :
PB84537BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.2	123.0	184.4
115	46.3	39.9	59.9

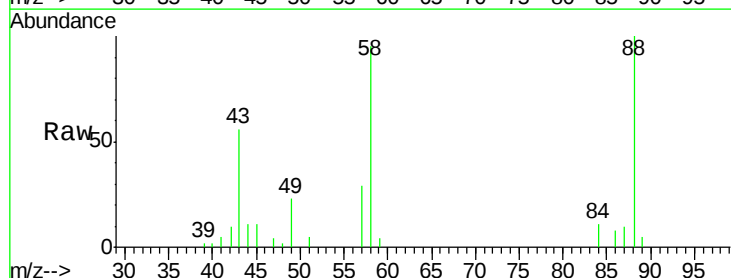
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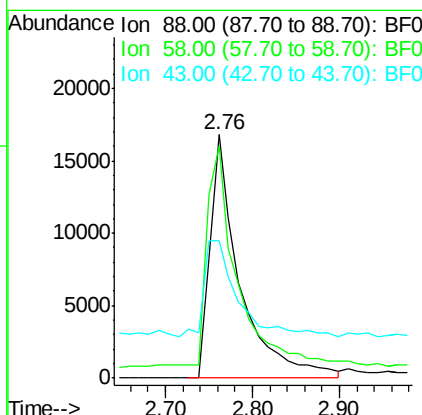
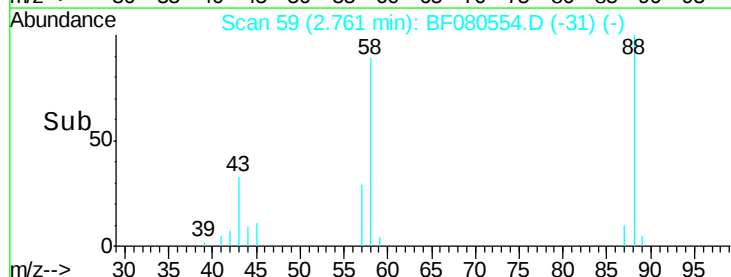


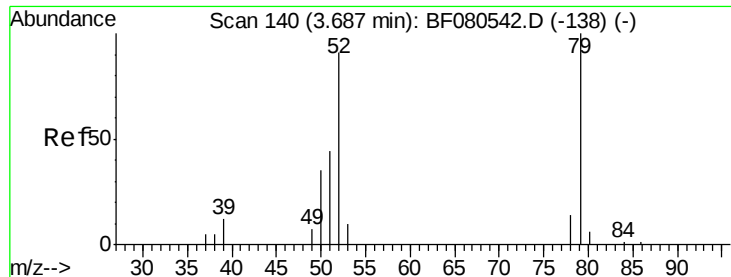
#2

1,4-Dioxane
Concen: 29.03 ng
RT: 2.76 min Scan# 59
Delta R.T. 0.02 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32



Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	63.4	95.0#
43	44.1	27.1	40.7#





#3

Pyridine

Concen: 35.51 ng

RT: 3.71 min Scan# 142

Delta R.T. 0.02 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

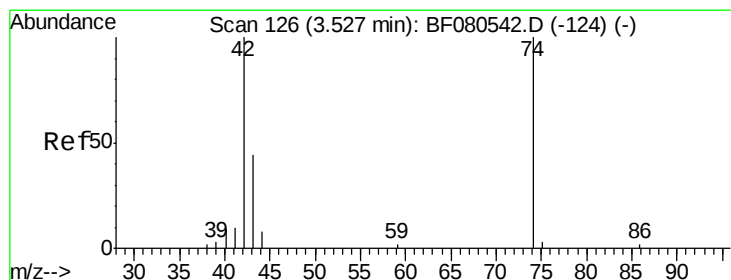
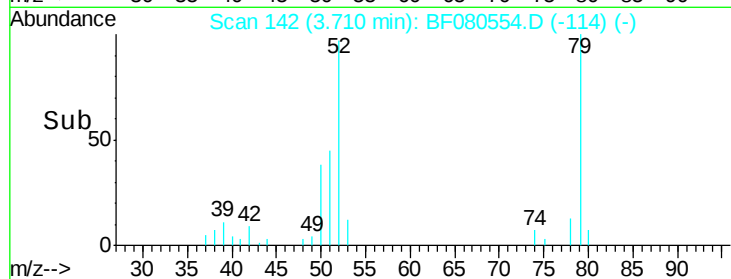
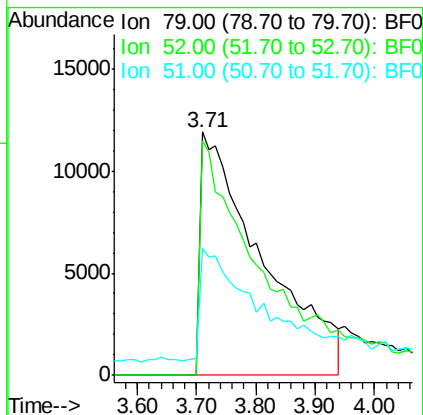
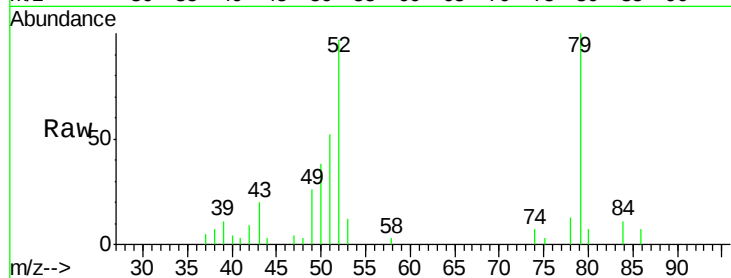
ClientSampleId :

PB84537BS

Tgt Ion:	79	Resp:	86149
Ion Ratio	Lower	Upper	
79	100		
52	96.6	72.5	108.7
51	52.4	37.1	55.7

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#4

n-Nitrosodimethylamine

Concen: 38.56 ng

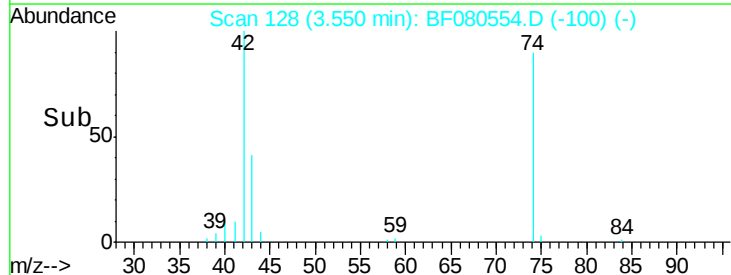
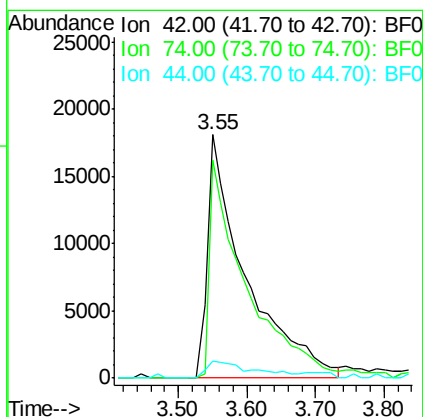
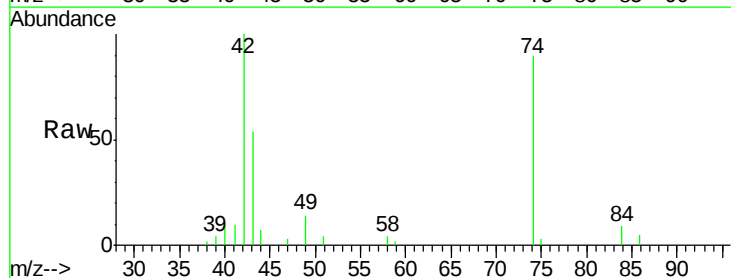
RT: 3.55 min Scan# 128

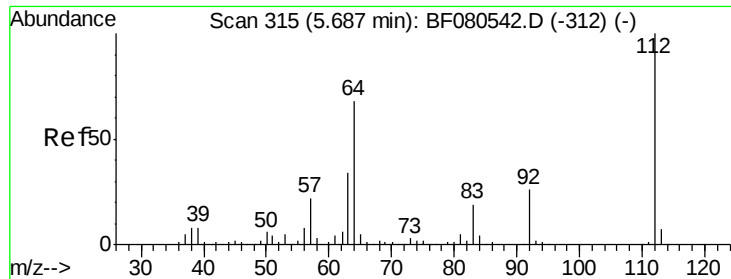
Delta R.T. 0.02 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	42	Resp:	70436
Ion Ratio	Lower	Upper	
42	100		
74	89.7	79.9	119.9
44	7.2	6.6	9.8





#5

2-Fluorophenol

Concen: 115.80 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080554.D

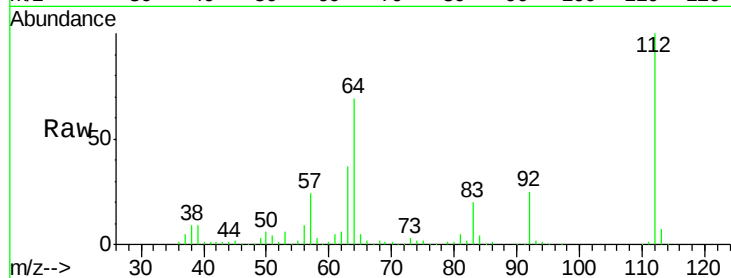
Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

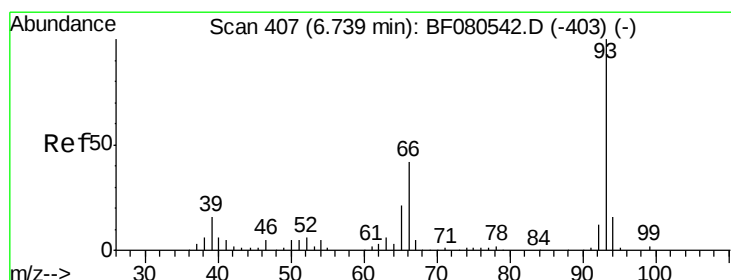
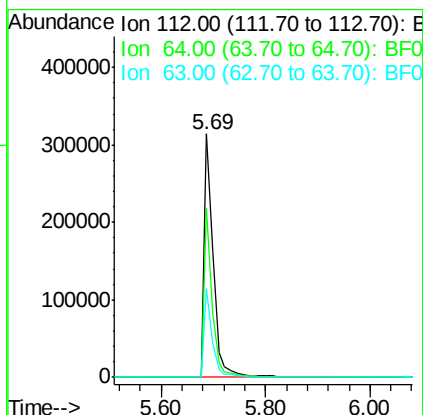
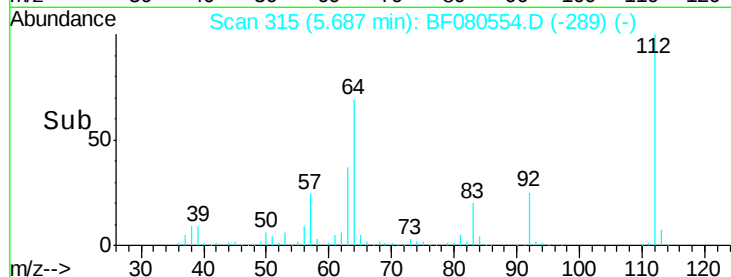
PB84537BS



Tgt Ion:	112	Resp:	383595
Ion Ratio	Lower	Upper	
112	100		
64	69.4	54.1	81.1
63	36.6	27.6	41.4

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#6

Aniline

Concen: 20.39 ng

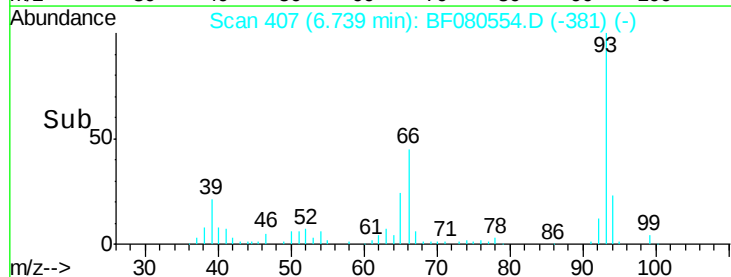
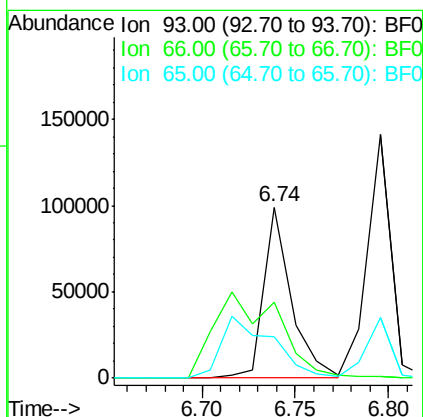
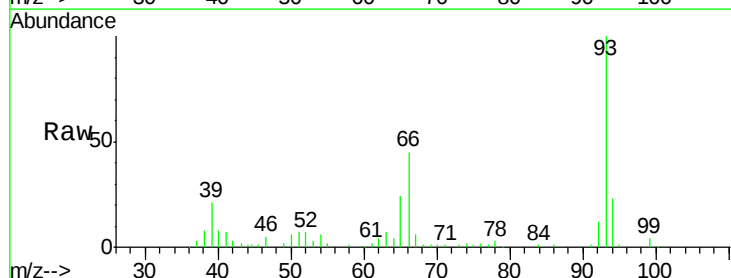
RT: 6.74 min Scan# 407

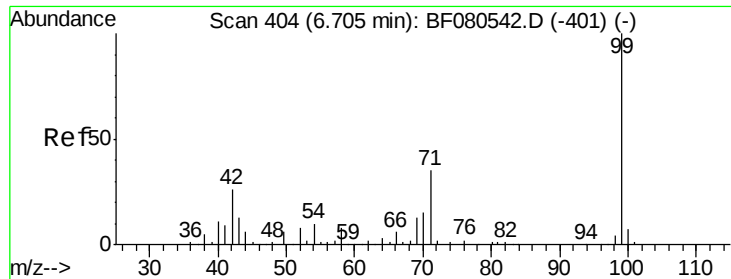
Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	93	Resp:	101319
Ion Ratio	Lower	Upper	
93	100		
66	44.6	33.3	49.9
65	24.3	16.9	25.3





#7

Phenol-d6

Concen: 122.70 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

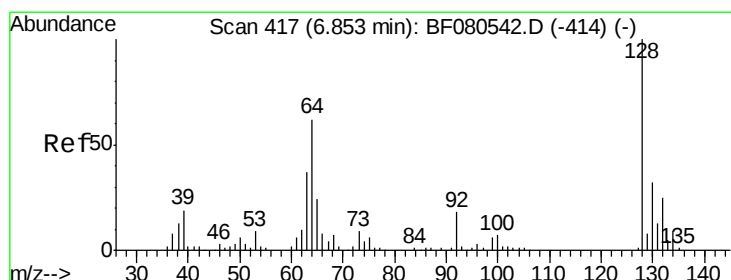
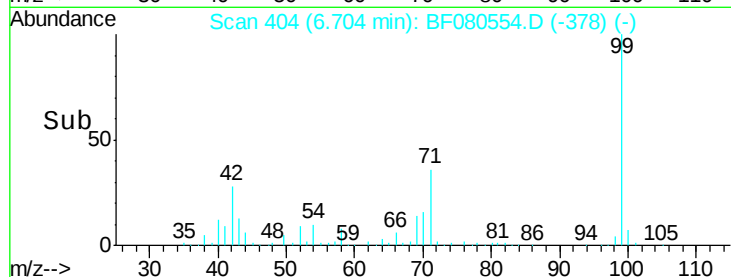
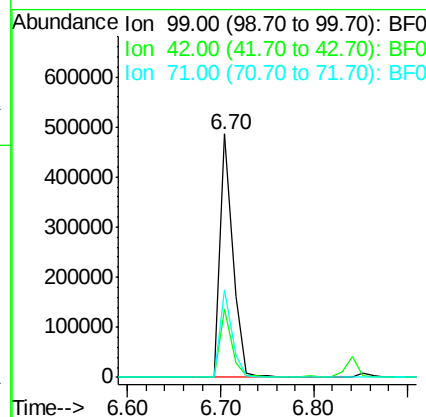
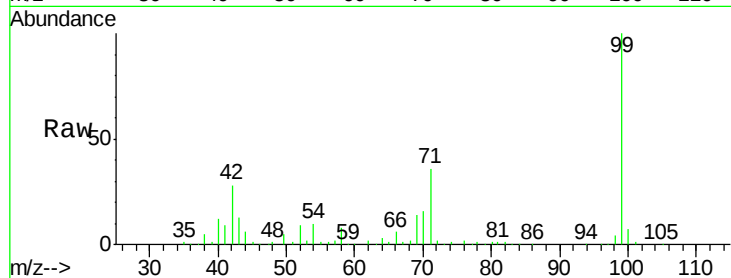
ClientSampleId :

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Tgt Ion:	99	Resp:	462566
Ion Ratio	Lower	Upper	
99	100		
42	27.9	21.0	31.4
71	36.0	28.4	42.6

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#8

2-Chlorophenol

Concen: 39.54 ng

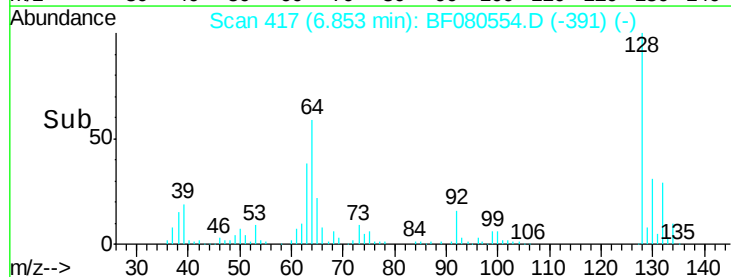
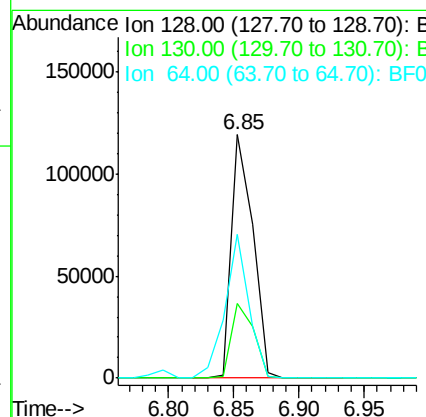
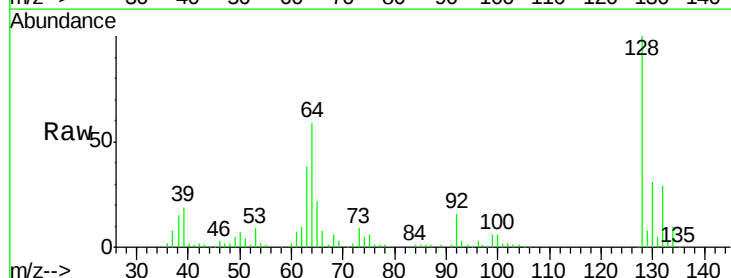
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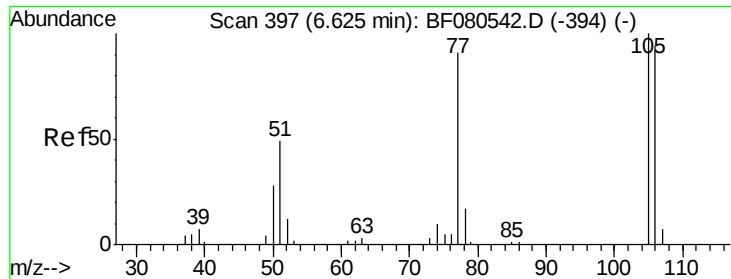
Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	128	Resp:	136651
Ion Ratio	Lower	Upper	
128	100		
130	30.6	11.7	51.7
64	58.9	41.6	81.6





#9

Benzaldehyde

Concen: 16.06 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

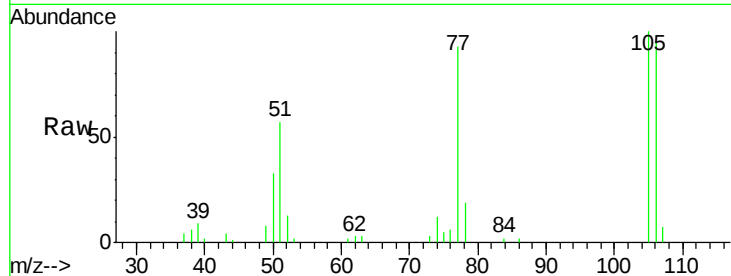
ClientSampleId :

PB84537BS

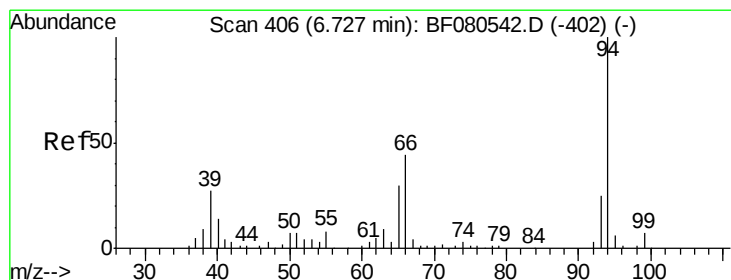
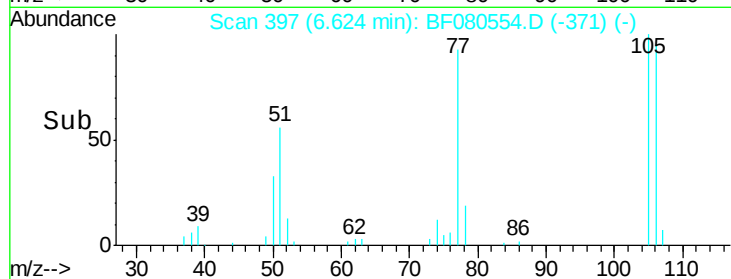
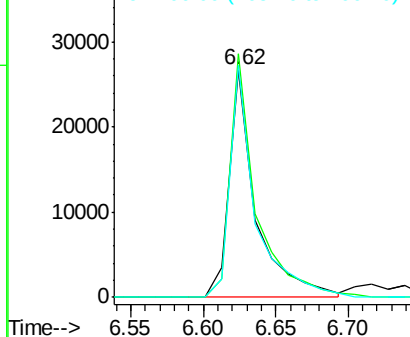
Tgt Ion:	77	Resp:	34199
Ion	Ratio	Lower	Upper
77	100		
105	107.2	90.0	130.0
106	101.9	83.5	123.5

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.79 ng

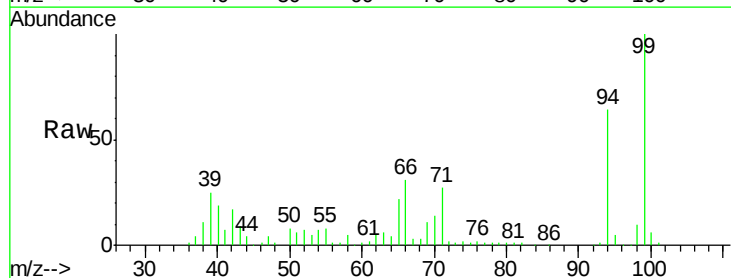
RT: 6.72 min Scan# 405

Delta R.T. -0.01 min

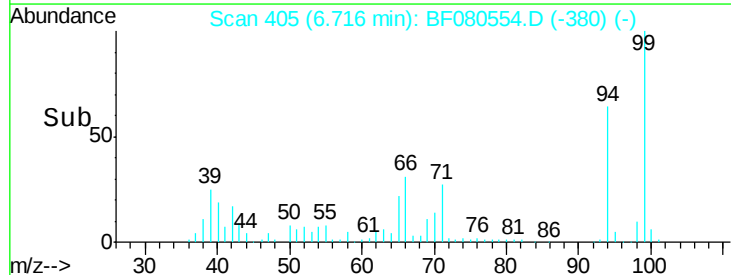
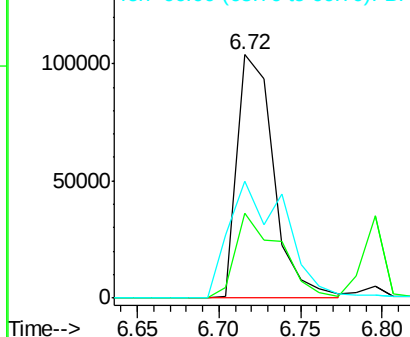
Lab File: BF080554.D

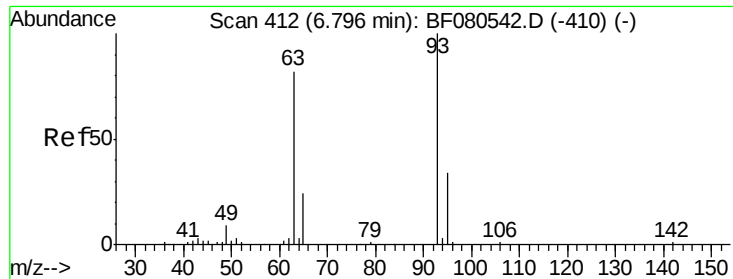
Acq: 18 Jul 2015 1:32

Tgt Ion:	94	Resp:	160418
Ion	Ratio	Lower	Upper
94	100		
65	34.8	10.4	50.4
66	48.3	24.2	64.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.50 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

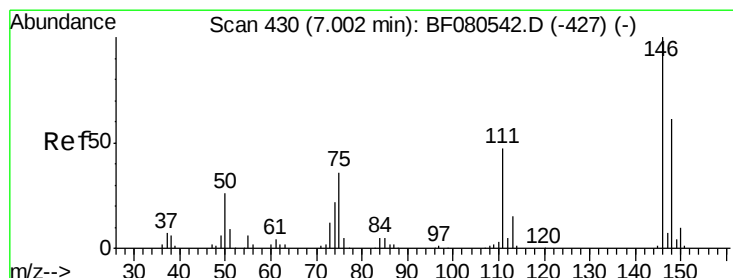
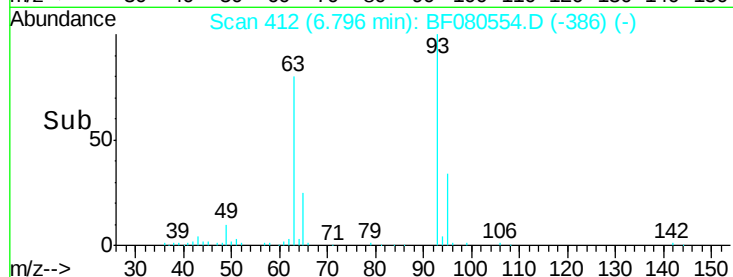
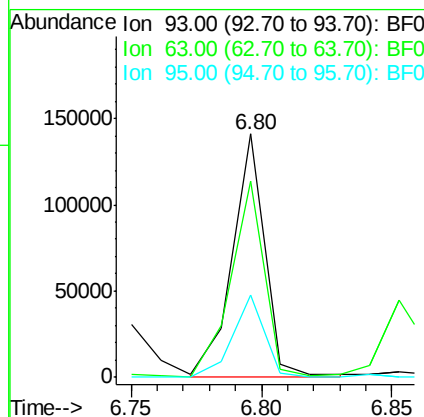
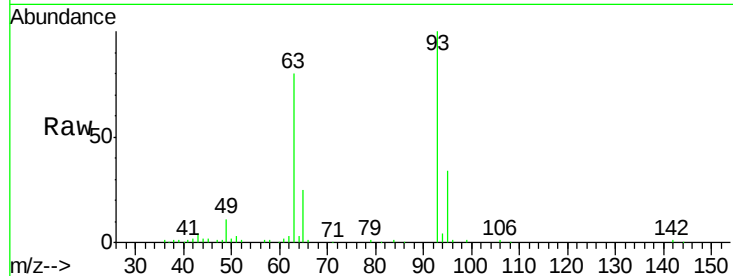
ClientSampleId :

PB84537BS

Tgt Ion:	93	Resp:	123571
Ion Ratio	Lower	Upper	
93	100		
63	80.4	60.3	100.3
95	33.8	13.7	53.7

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#12

1,3-Dichlorobenzene

Concen: 38.60 ng

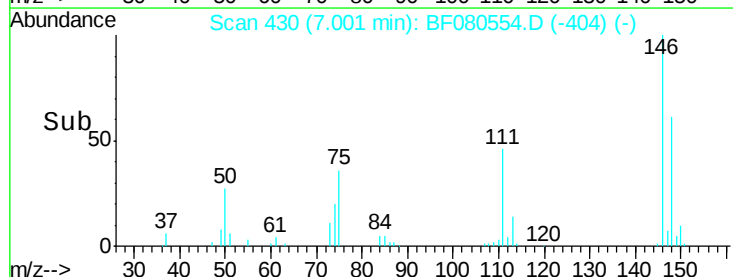
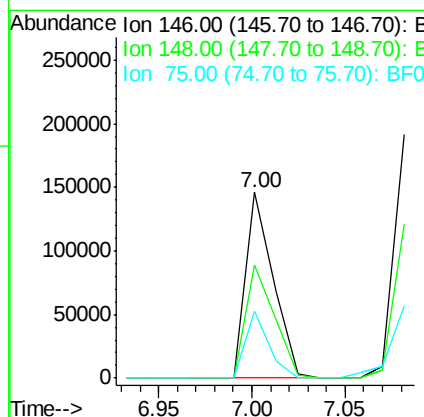
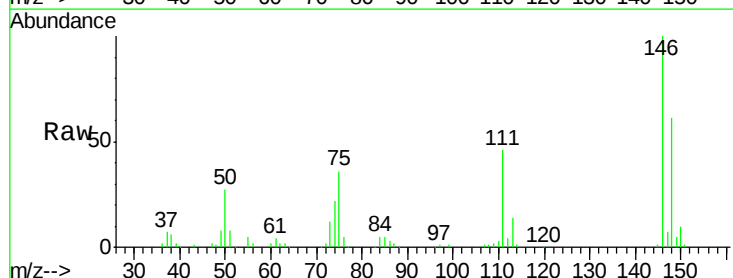
RT: 7.00 min Scan# 430

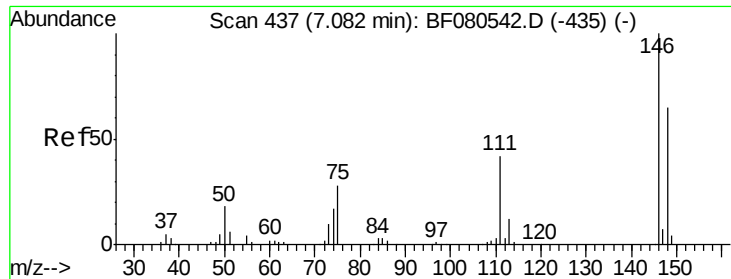
Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	146	Resp:	150178
Ion Ratio	Lower	Upper	
146	100		
148	61.0	49.2	73.8
75	36.2	29.1	43.7





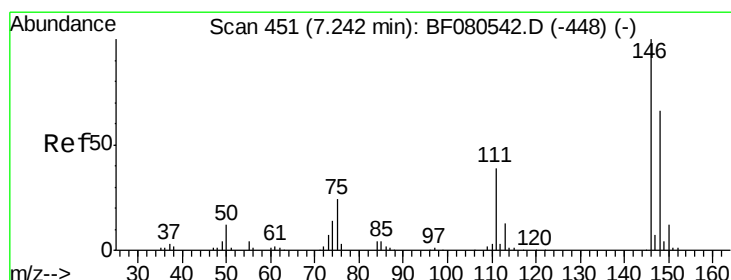
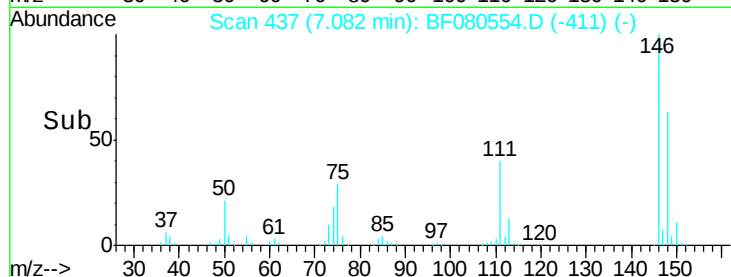
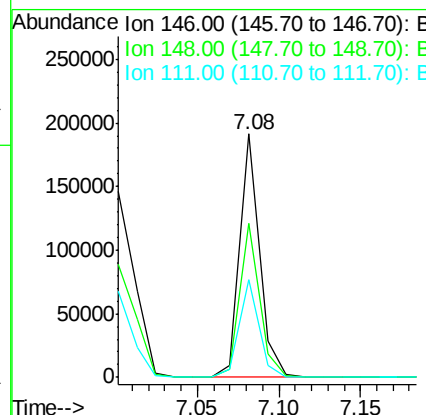
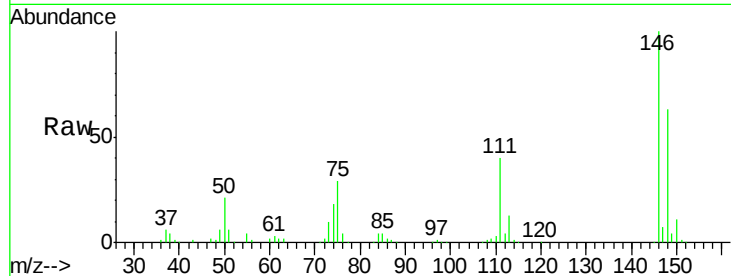
#13
 1,4-Dichlorobenzene
 Concen: 37.18 ng
 RT: 7.08 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.9	77.9
111	40.0	33.4	50.2

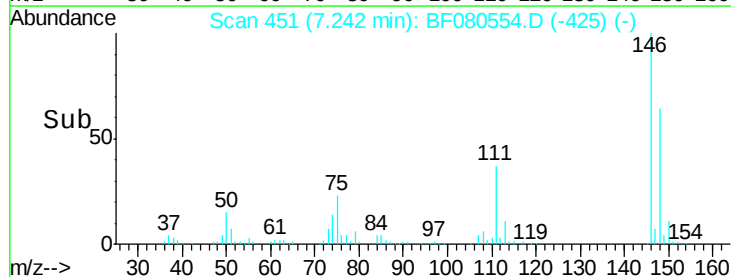
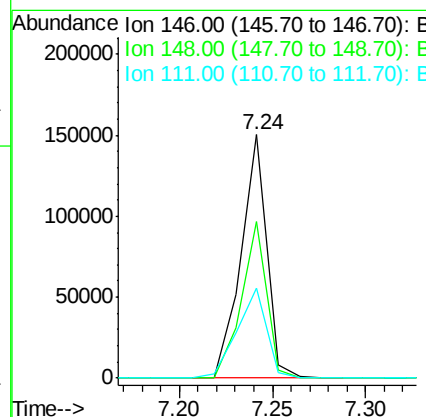
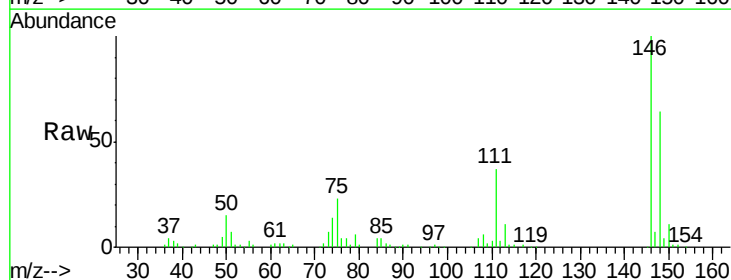
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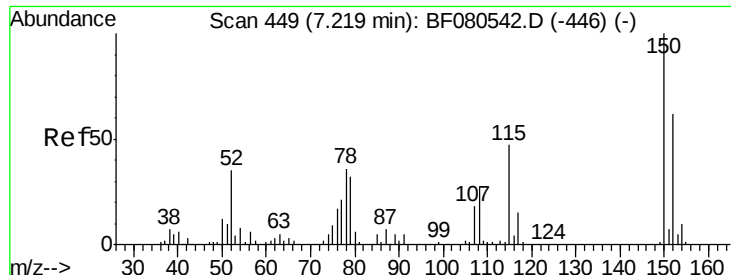
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 36.76 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.5	78.7
111	37.2	31.5	47.3





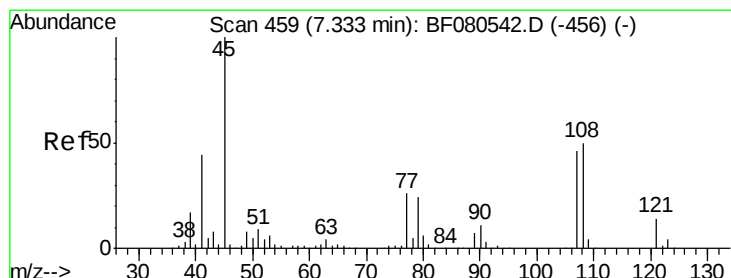
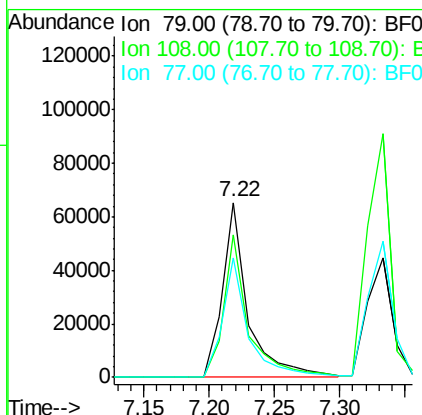
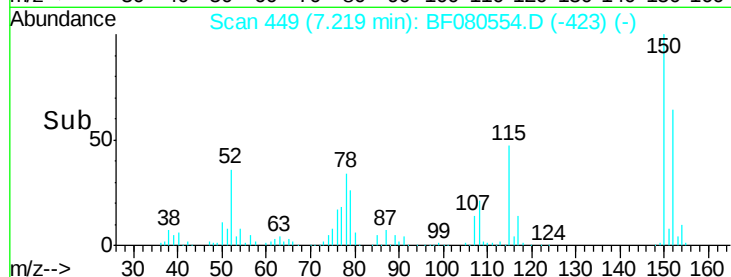
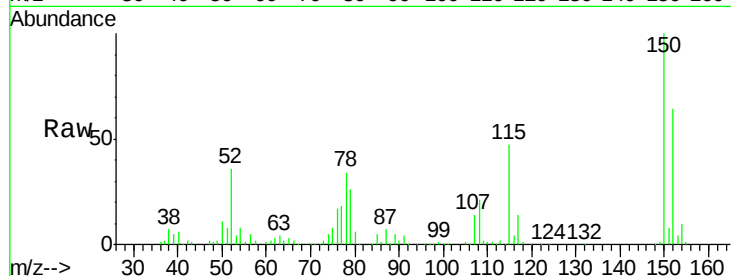
#15
Benzyl Alcohol
Concen: 37.25 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
79	100		
108	82.0	67.8	101.6
77	68.7	52.9	79.3

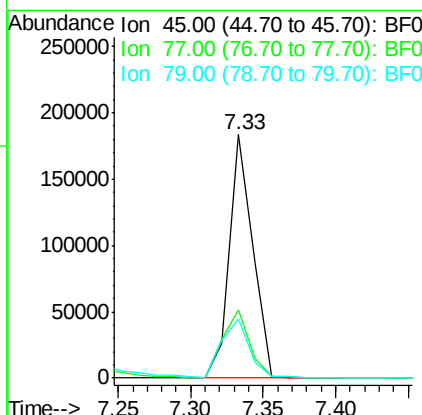
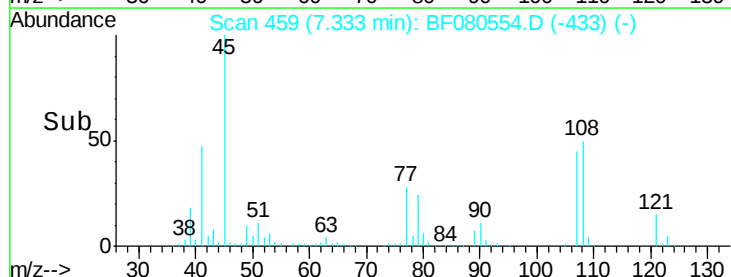
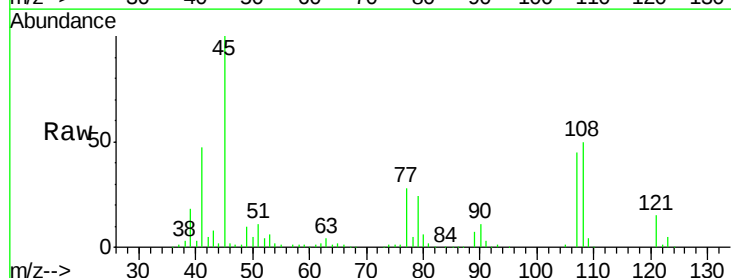
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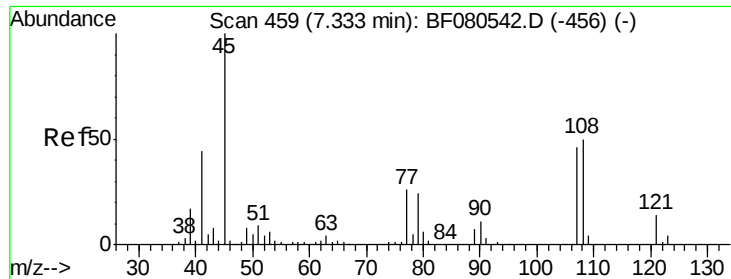
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.63 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	27.8	6.6	46.6
79	24.4	4.0	44.0





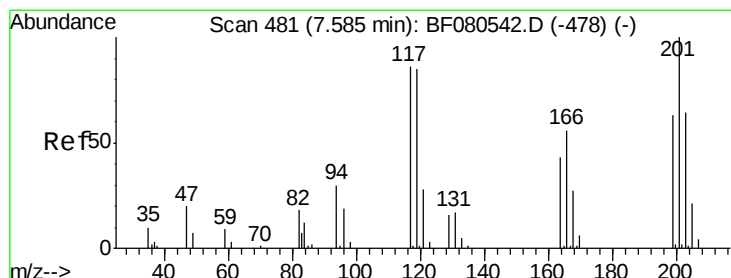
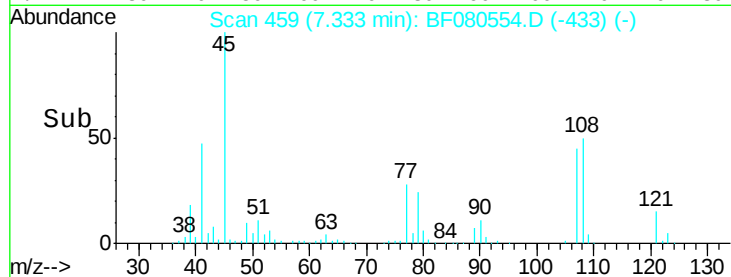
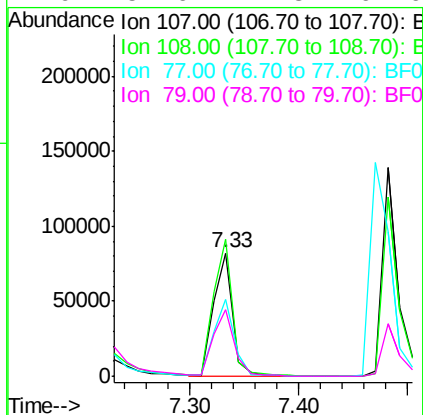
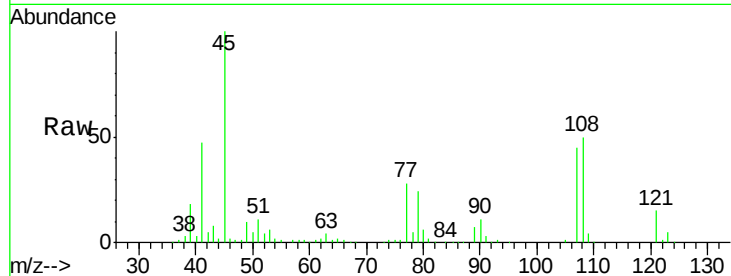
#17
2-Methylphenol
Concen: 38.30 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	100969		
108	110.9	86.8	130.2	
77	62.2	46.2	69.4	
79	54.6	41.8	62.6	

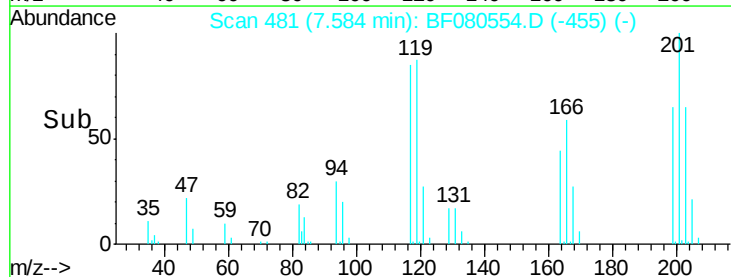
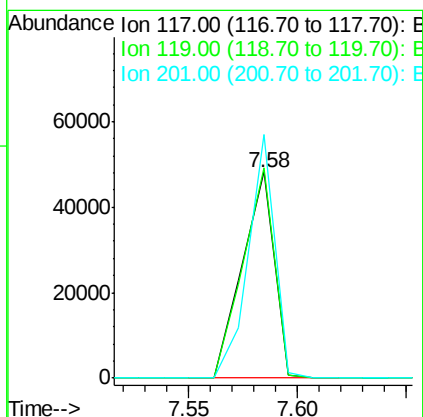
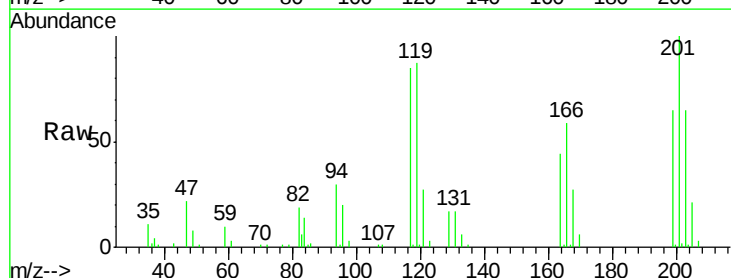
Manual Integrations
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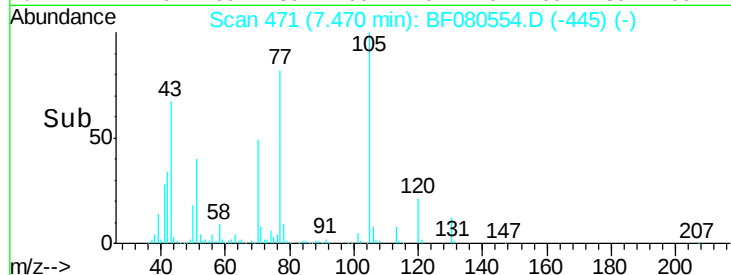
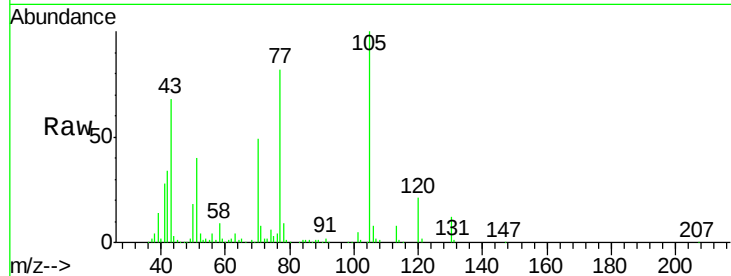
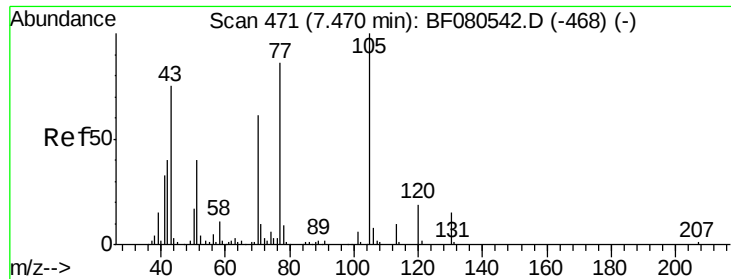
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#18
Hexachloroethane
Concen: 35.87 ng
RT: 7.58 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49259		
119	102.2	79.1	118.7	
201	118.1	92.7	139.1	





#19

n-Nitroso-di-n-propylamine

Concen: 38.55 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

Tgt Ion: 70 Resp: 81369

Ion Ratio Lower Upper

70 100

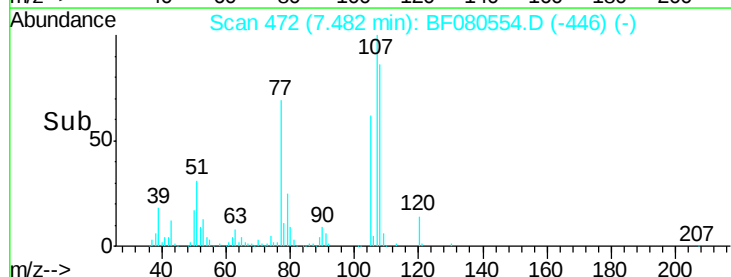
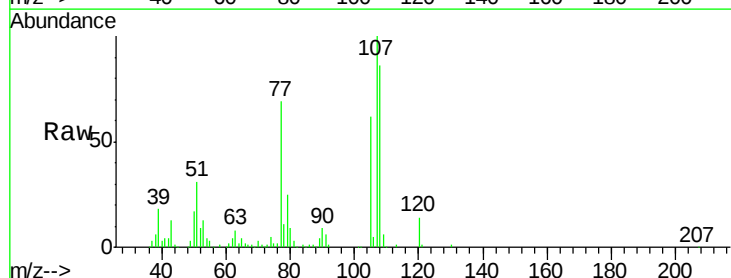
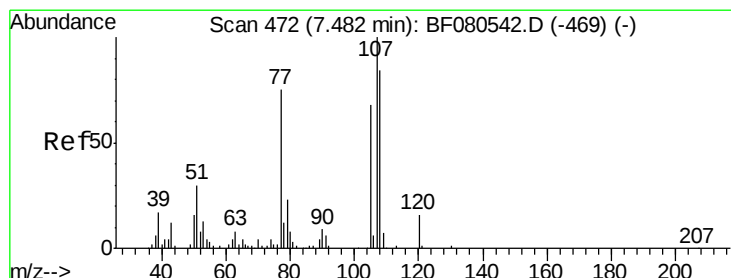
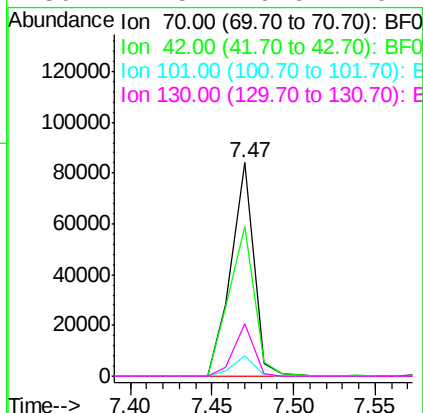
42 70.1 52.6 78.8

101 9.8 8.3 12.5

130 24.5 19.6 29.4

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#20

3+4-Methylphenols

Concen: 39.40 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion: 107 Resp: 149973

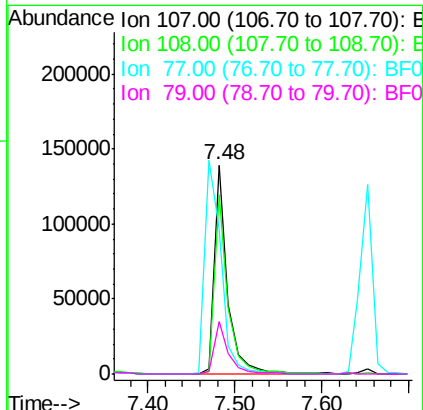
Ion Ratio Lower Upper

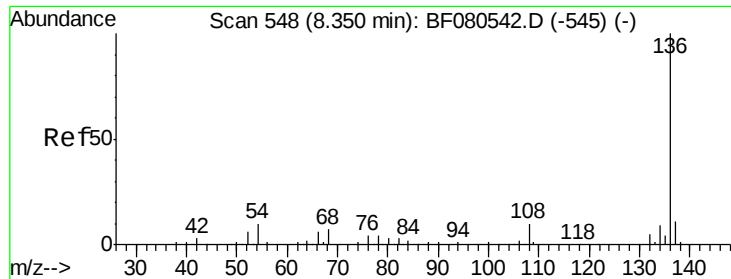
107 100

108 85.9 64.0 104.0

77 69.3 55.4 95.4

79 25.1 3.4 43.4





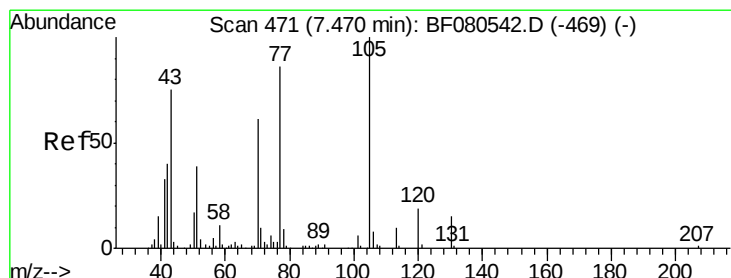
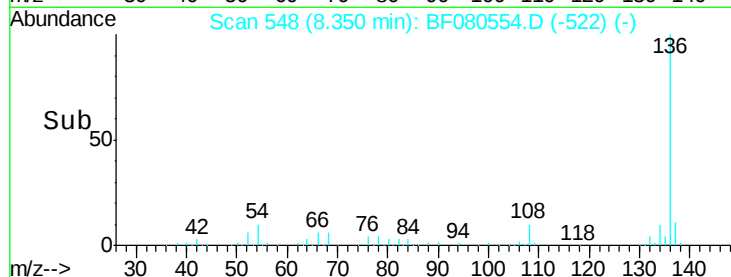
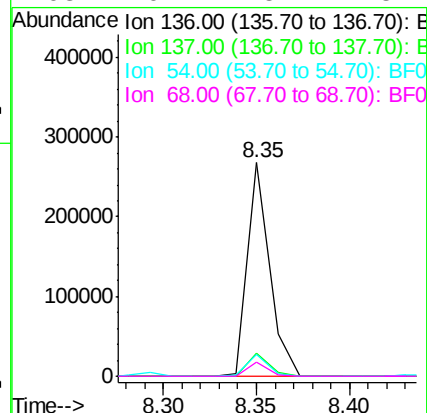
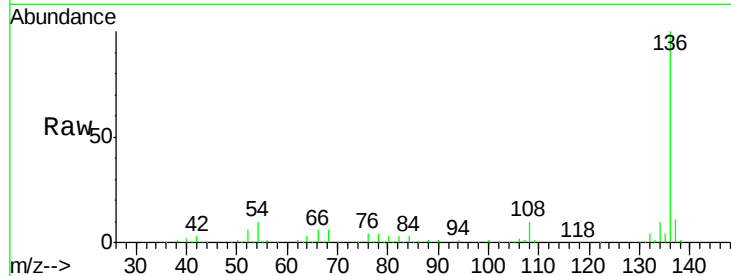
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	223229		
137	10.9	8.7	13.1	
54	10.0	8.3	12.5	
68	6.4	5.4	8.2	

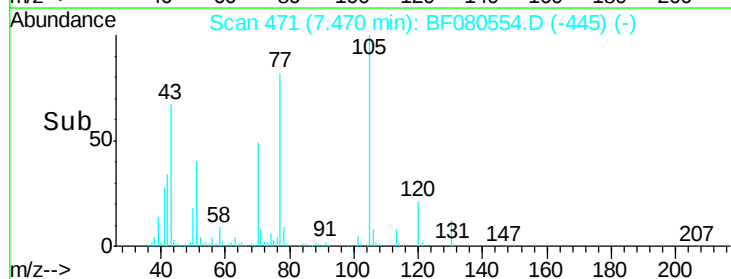
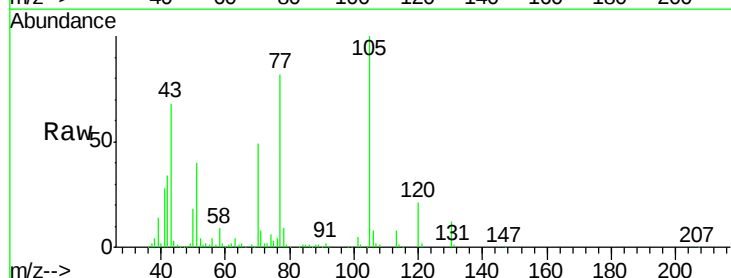
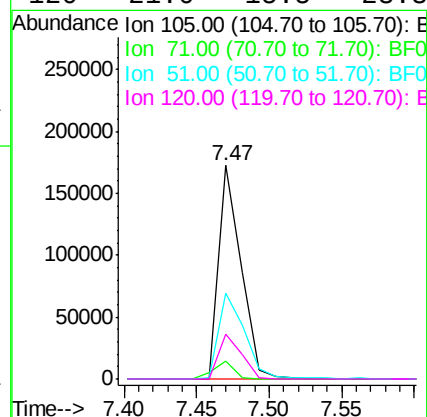
Manual Integrations
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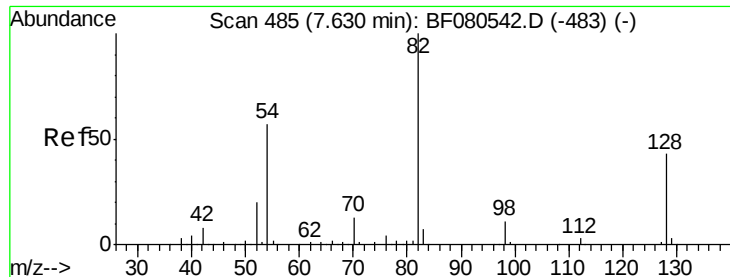
apatel
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#22
Acetophenone
Concen: 38.40 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183979		
71	8.1	8.3	12.5#	
51	40.5	31.6	47.4	
120	21.0	15.5	23.3	





#23

Nitrobenzene-d5

Concen: 81.26 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

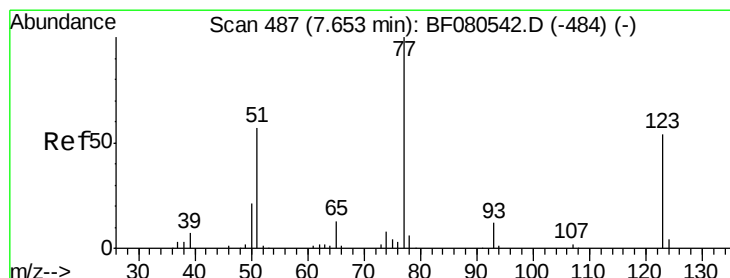
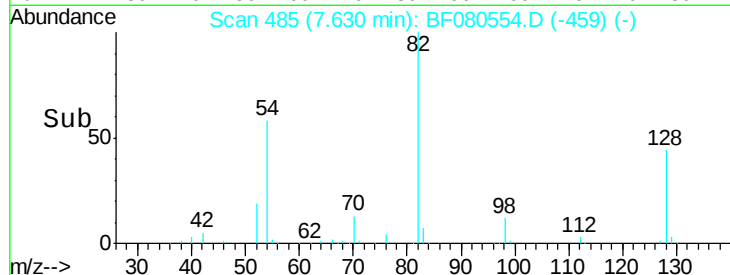
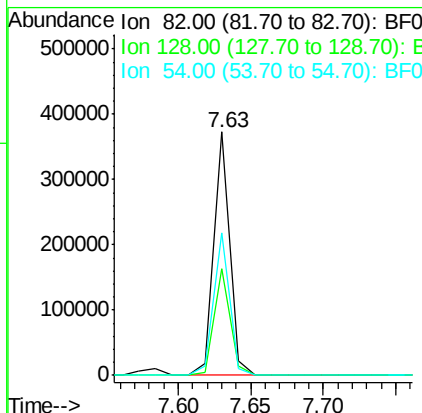
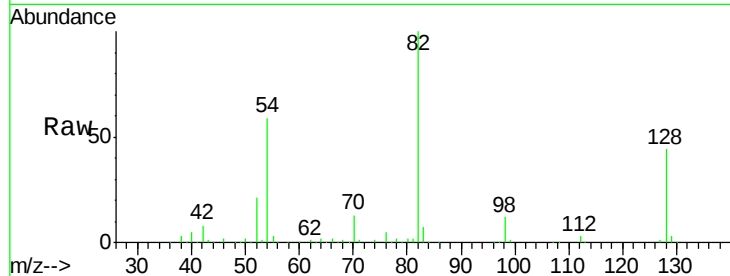
ClientSampleId :

PB84537BS

Tgt Ion:	82	Resp:	284496
Ion Ratio	Lower	Upper	
82	100		
128	43.9	34.6	51.8
54	58.6	45.8	68.6

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#24

Nitrobenzene

Concen: 32.30 ng

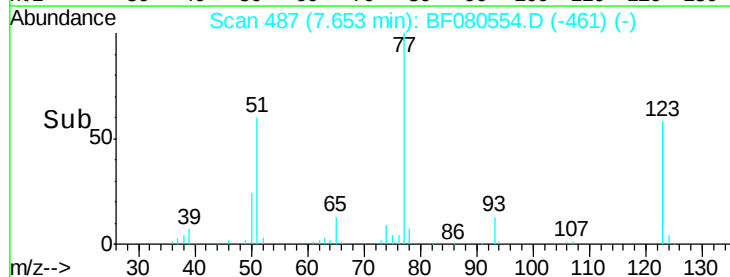
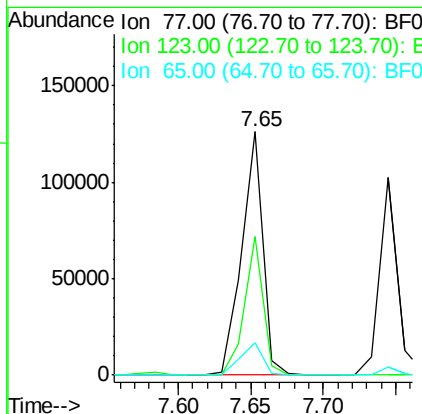
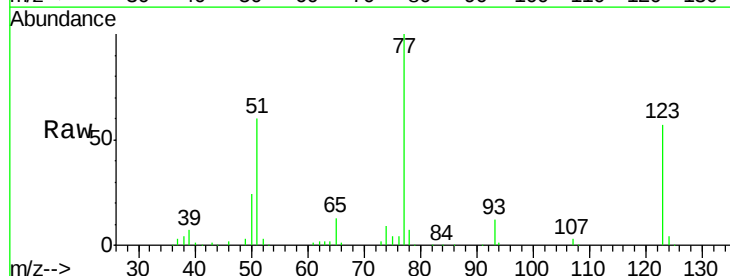
RT: 7.65 min Scan# 487

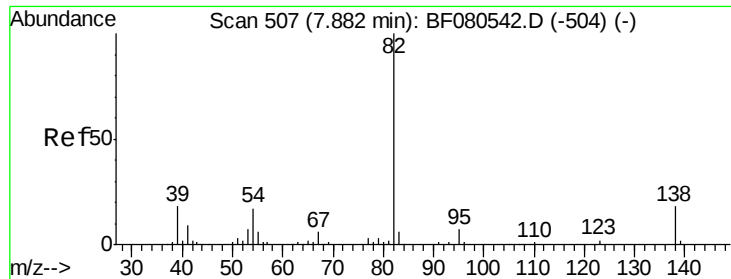
Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	77	Resp:	127797
Ion Ratio	Lower	Upper	
77	100		
123	57.1	42.9	64.3
65	13.1	10.7	16.1





#25

Isophorone

Concen: 36.56 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

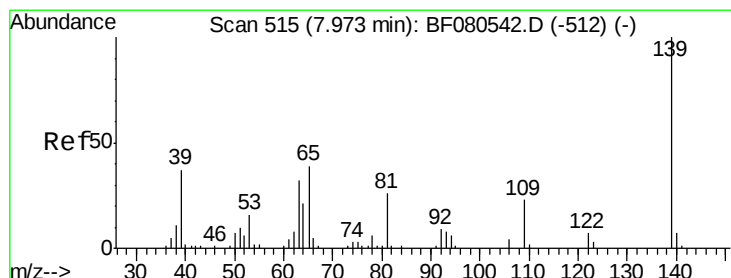
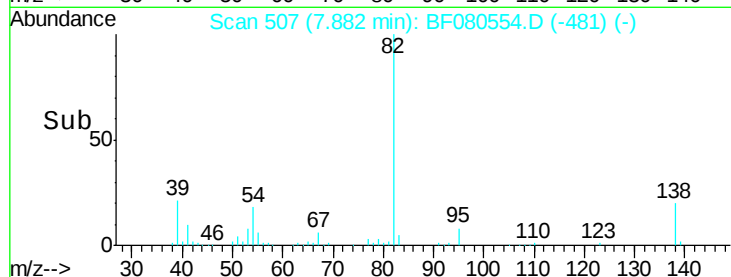
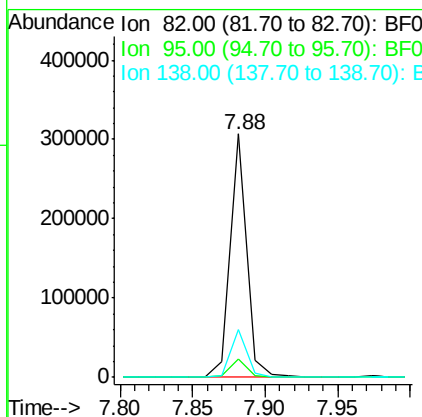
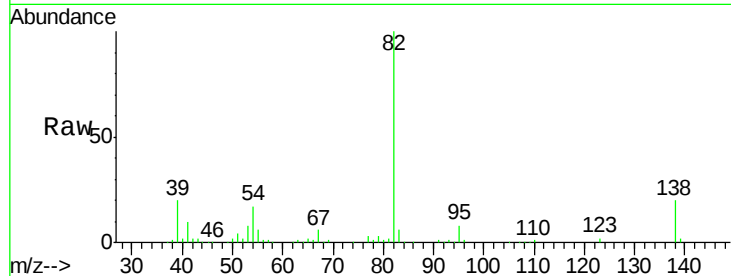
ClientSampleId :

PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	244313		
95	7.5	5.5	8.3	
138	19.6	14.7	22.1	

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.32 ng

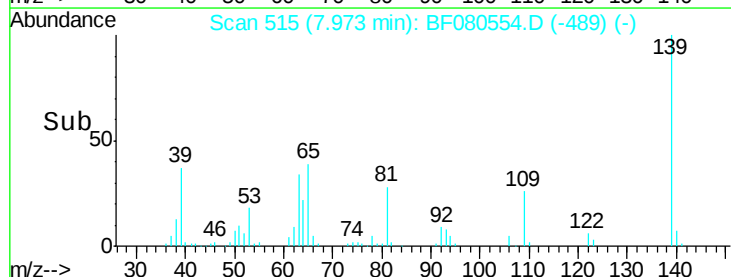
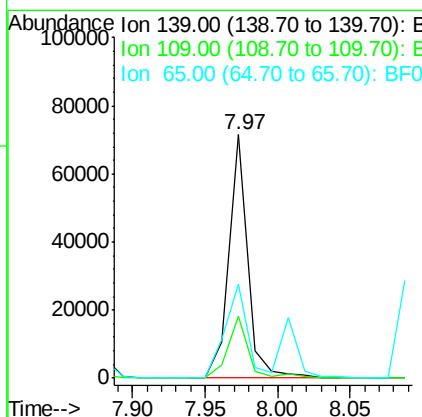
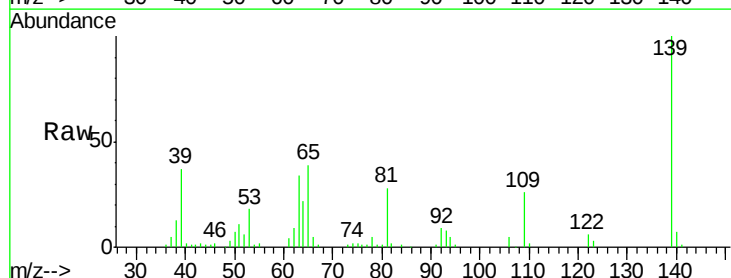
RT: 7.97 min Scan# 515

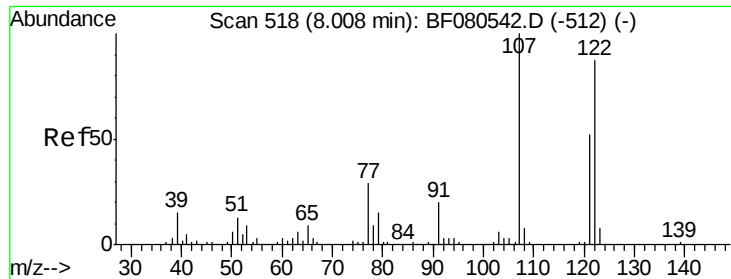
Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	64681		
109	25.6	18.3	27.5	
65	38.8	31.0	46.6	





#27

2,4-Dimethylphenol

Concen: 40.46 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

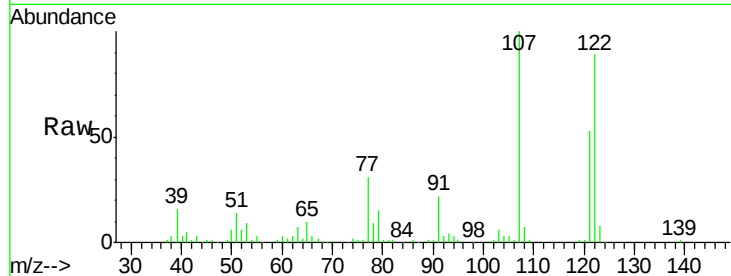
ClientSampleId :

PB84537BS

Tgt Ion:	122	Resp:	134543
Ion Ratio	Lower	Upper	
122	100		
107	112.6	91.6	137.4
121	59.7	47.4	71.0

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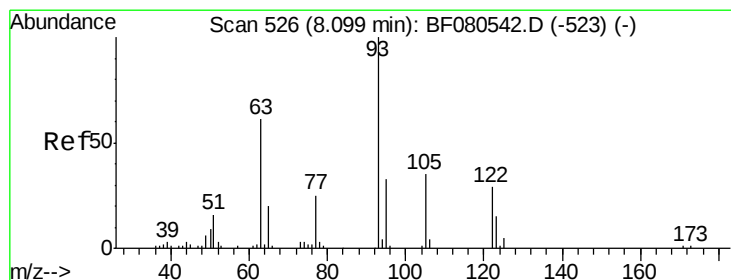
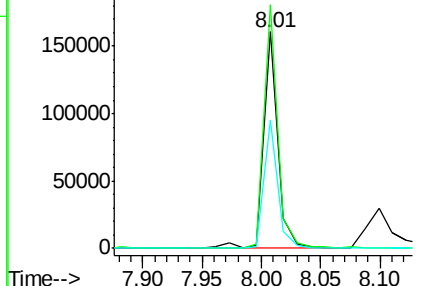
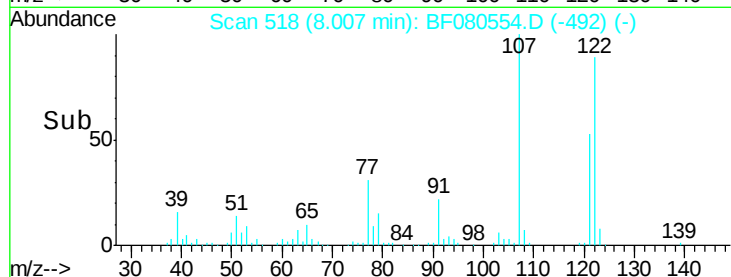
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.49 ng

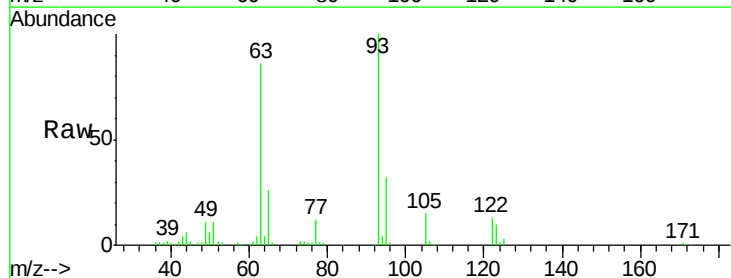
RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

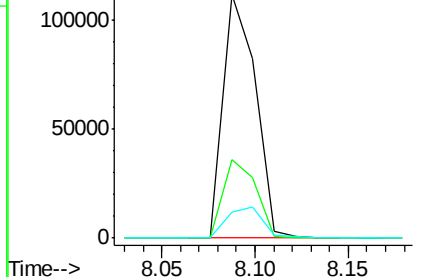
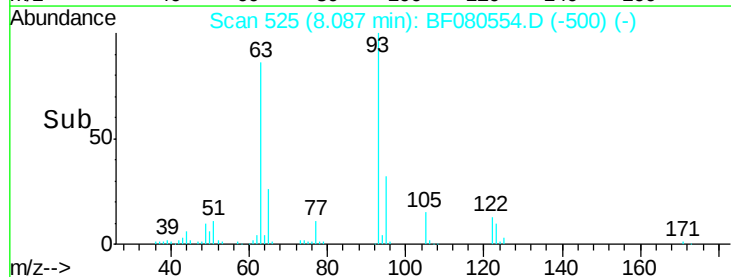
Tgt Ion:	93	Resp:	135041
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.4	39.6
123	10.4	12.2	18.4#

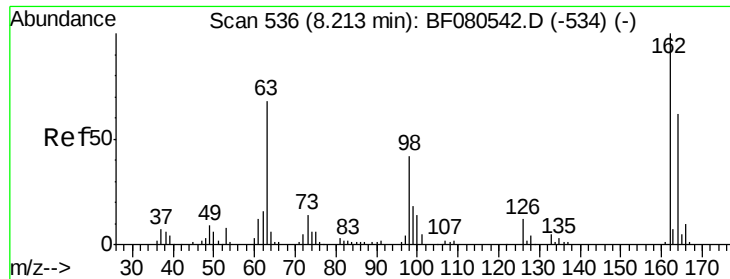


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





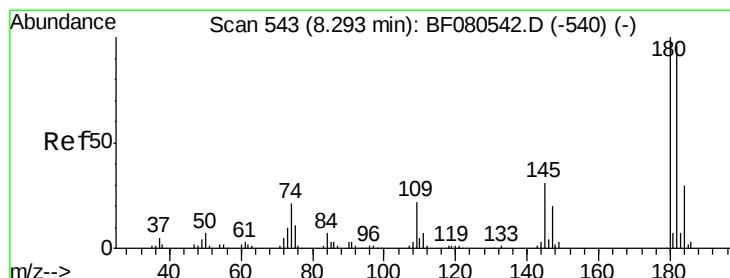
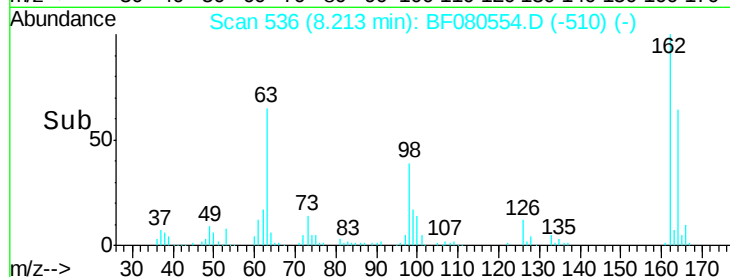
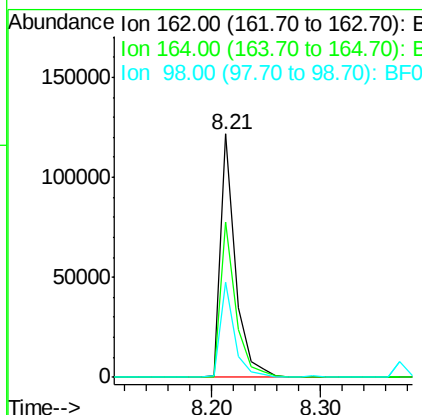
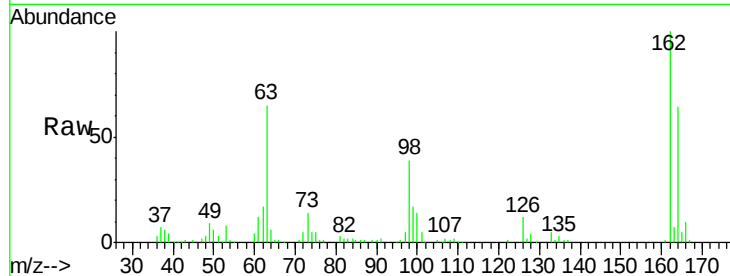
#29
 2,4-Dichlorophenol
 Concen: 41.81 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	41.6	81.6
98	39.2	21.9	61.9

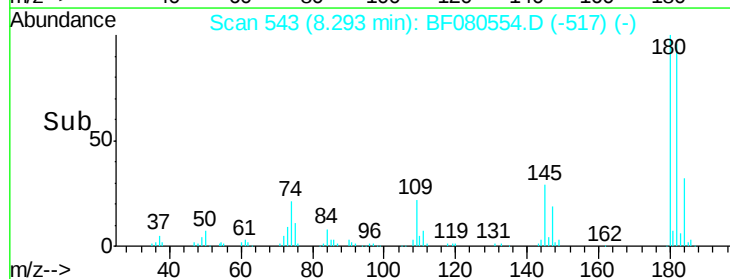
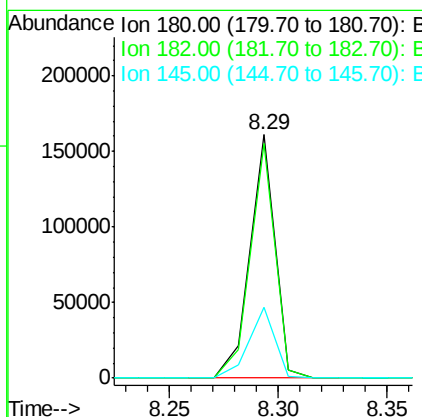
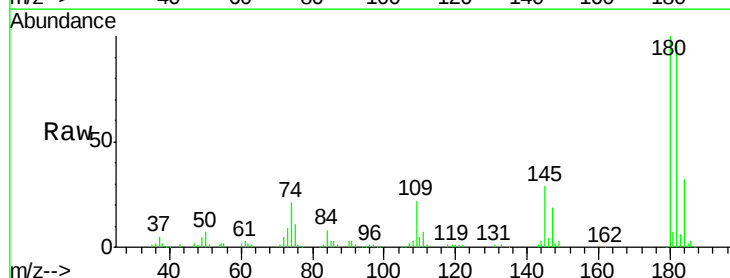
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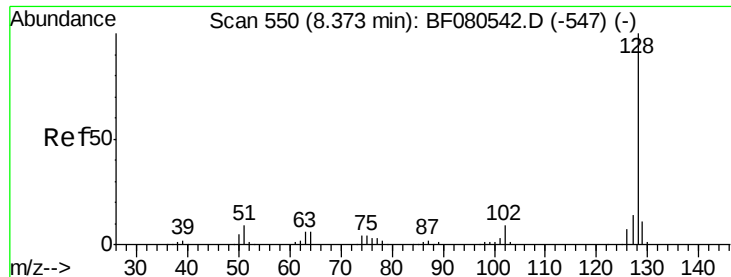
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.79 ng
 RT: 8.29 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	77.0	115.4
145	29.3	24.5	36.7





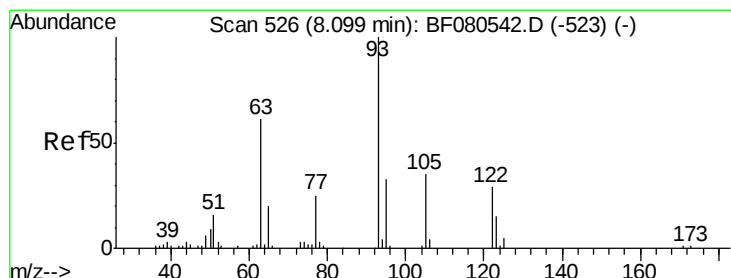
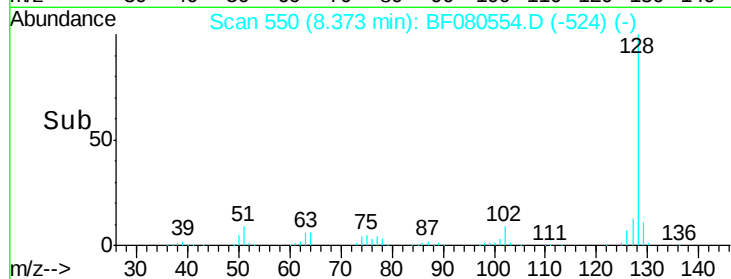
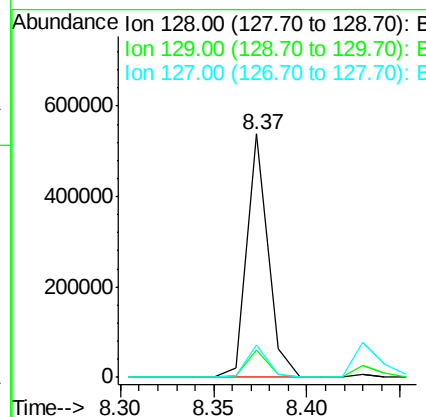
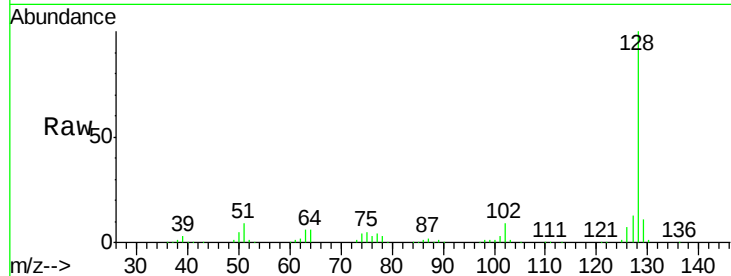
#31
Naphthalene
Concen: 38.65 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	427079		
129	11.4	9.0	13.4	
127	13.2	11.0	16.4	

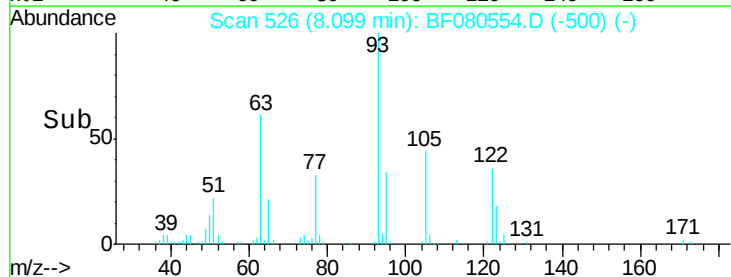
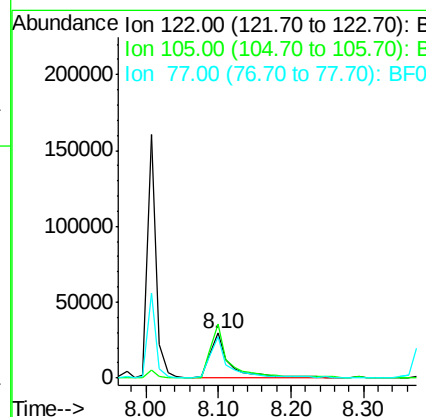
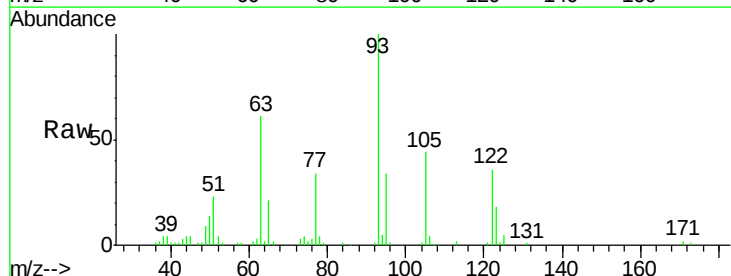
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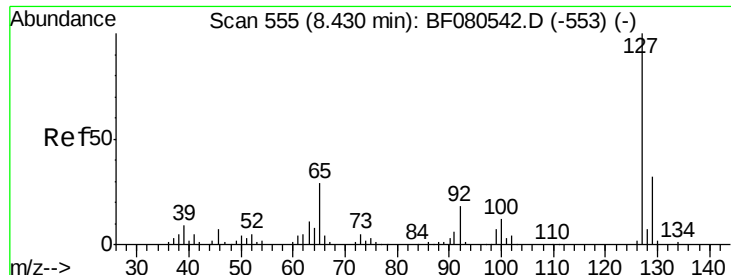
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#32
Benzoic acid
Concen: 36.94 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	51592		
105	122.4	101.3	141.3	
77	94.0	64.1	104.1	





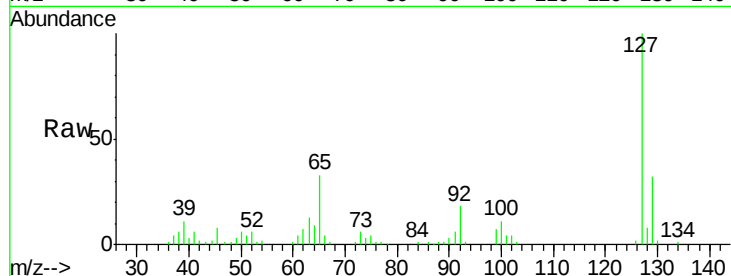
#33
 4-Chloroaniline
 Concen: 18.56 ng
 RT: 8.43 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

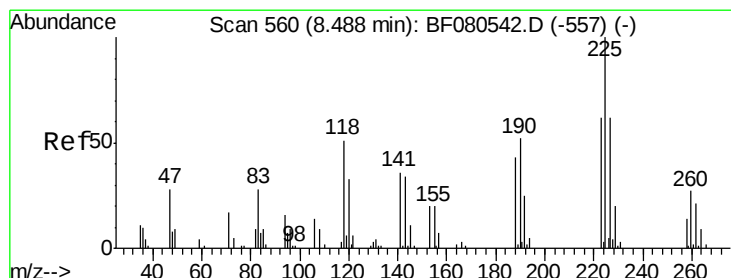
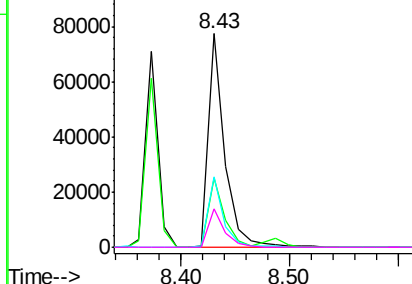
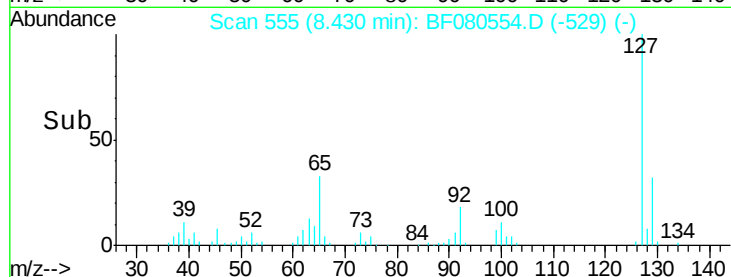
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	81713		
129	32.4	25.3	37.9	
65	33.2	23.5	35.3	
92	18.2	14.2	21.4	

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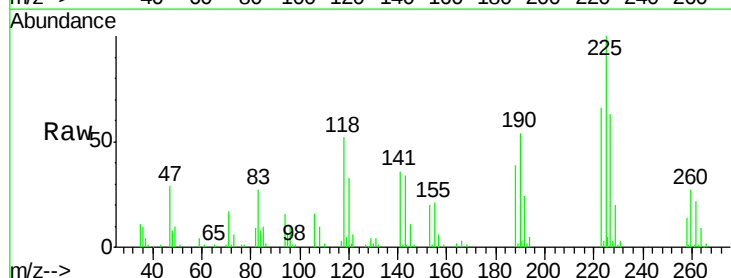


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

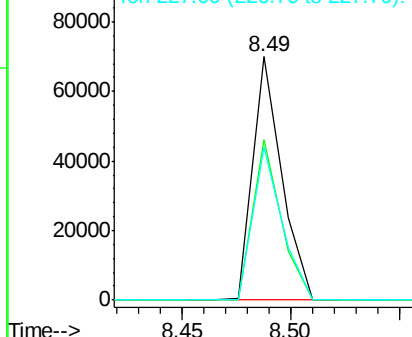
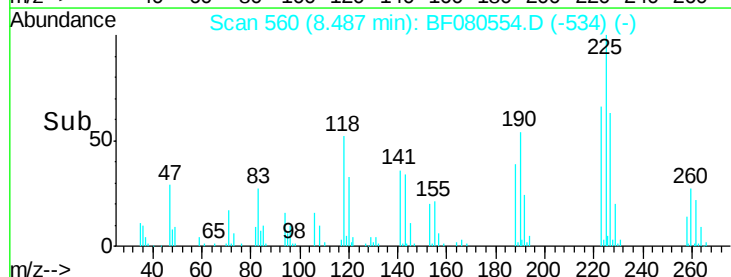


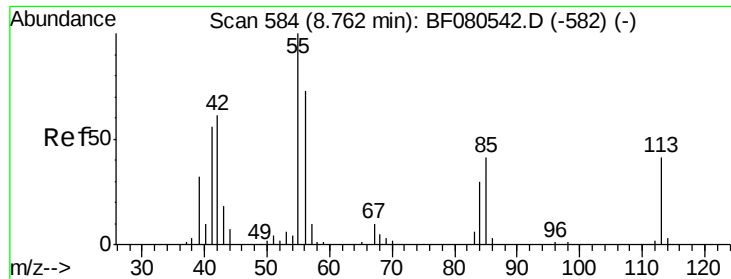
#34
 Hexachlorobutadiene
 Concen: 38.46 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64550		
223	66.1	49.4	74.2	
227	62.8	49.3	73.9	



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





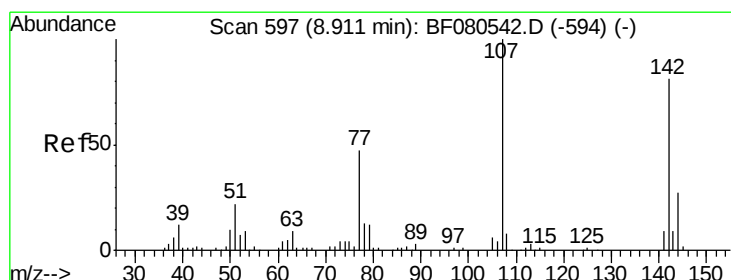
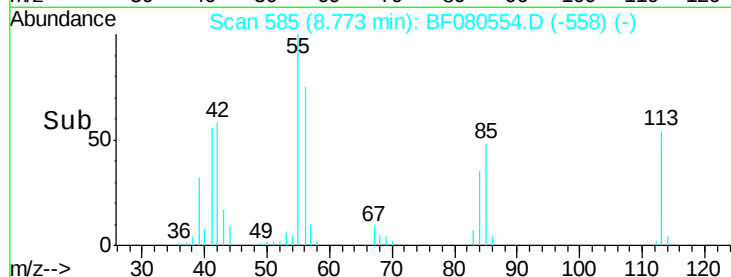
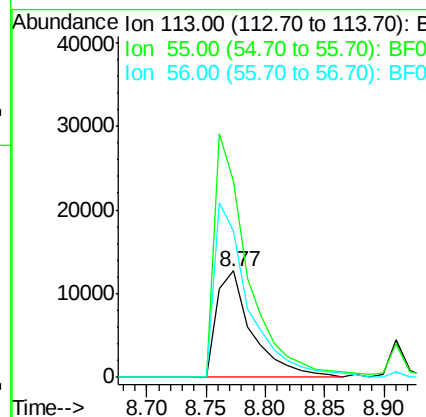
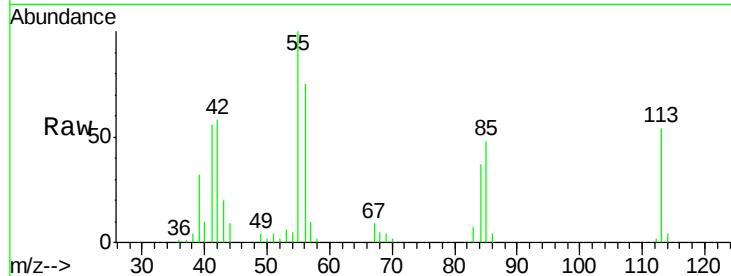
#35
 Caprolactam
 Concen: 40.76 ng
 RT: 8.77 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion: 113 Resp: 26628
 Ion Ratio Lower Upper
 113 100
 55 184.9 225.3 265.3#
 56 138.1 159.9 199.9#

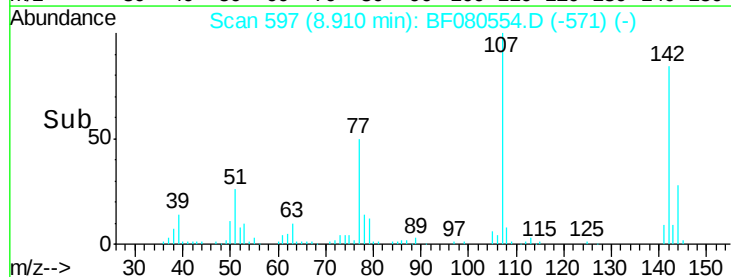
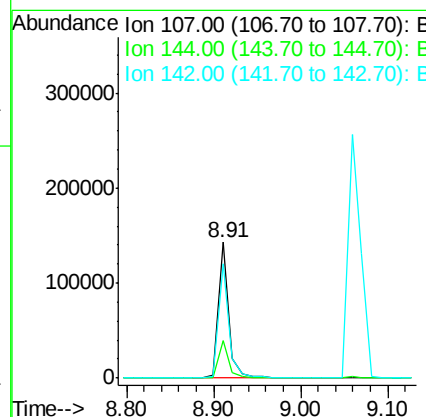
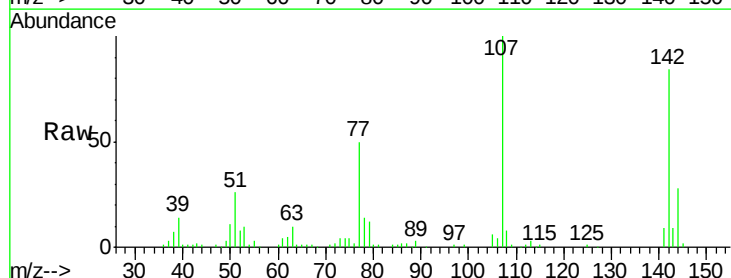
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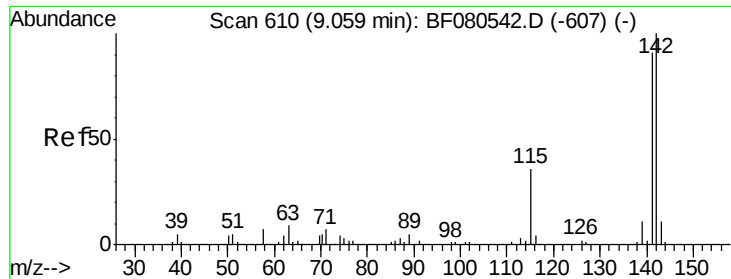
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#36
 4-Chloro-3-methylphenol
 Concen: 41.76 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion: 107 Resp: 121121
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.4 32.0
 142 83.8 64.4 96.6





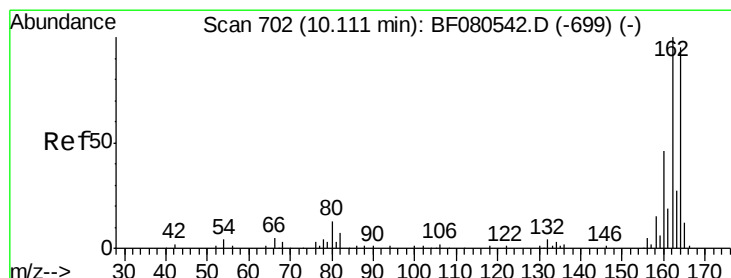
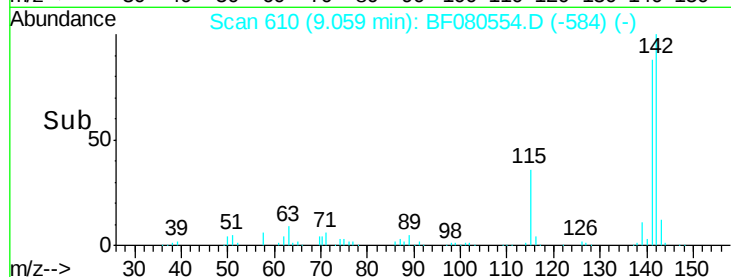
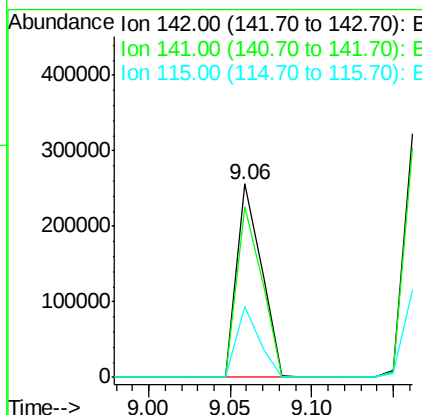
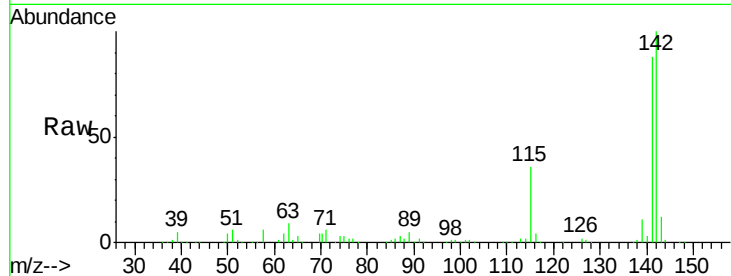
#37
 2-Methylnaphthalene
 Concen: 39.45 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	267533		
141	88.5	72.5	108.7	
115	36.5	28.7	43.1	

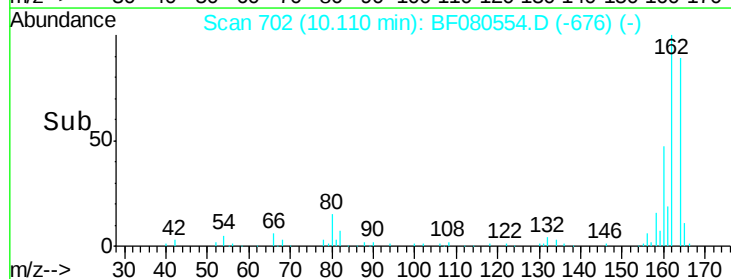
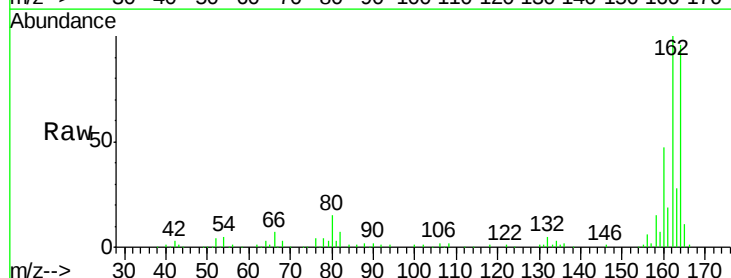
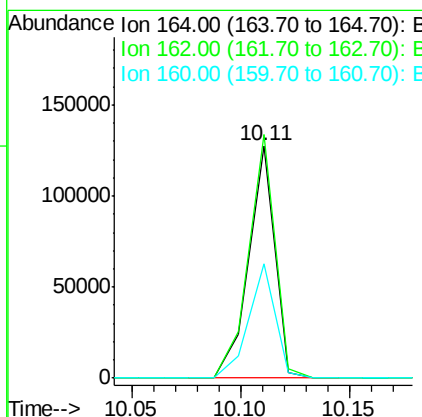
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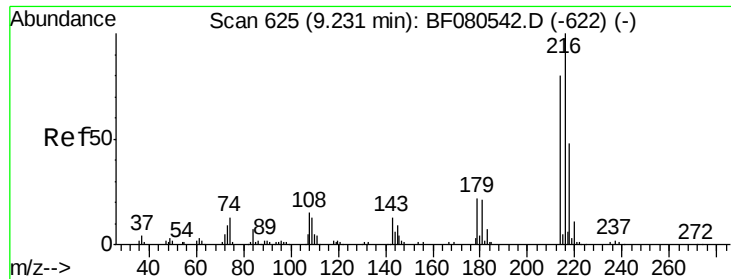
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106466		
162	104.7	84.1	126.1	
160	49.2	38.8	58.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.79 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080554.D

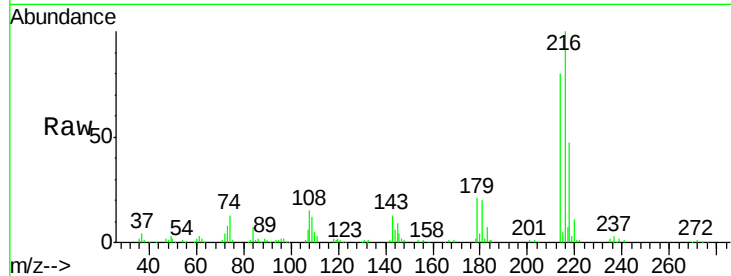
Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

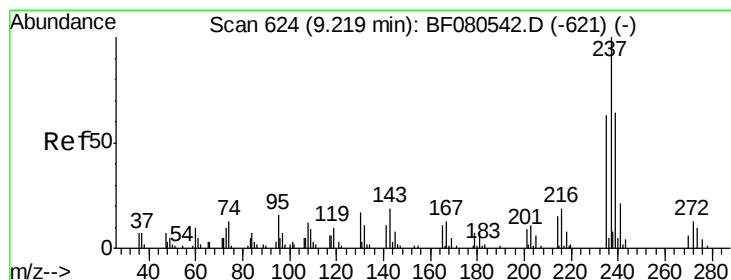
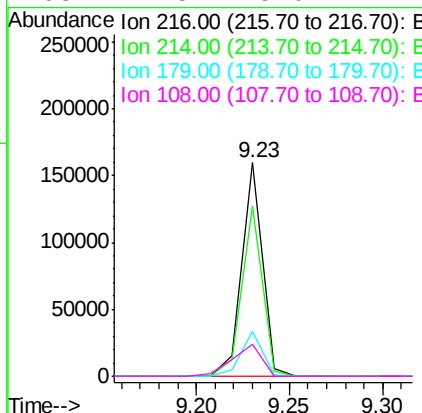
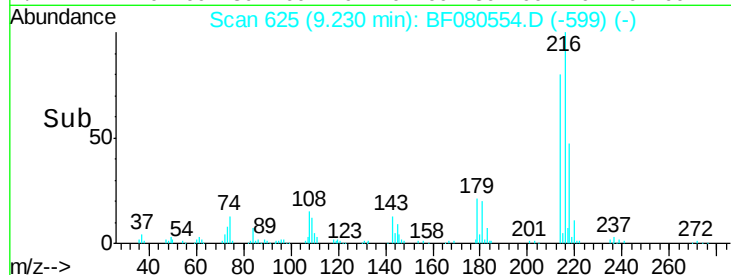
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	123873		
214	79.3	63.6	95.4	
179	21.8	18.3	27.5	
108	21.5	15.0	22.4	

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#40

Hexachlorocyclopentadiene

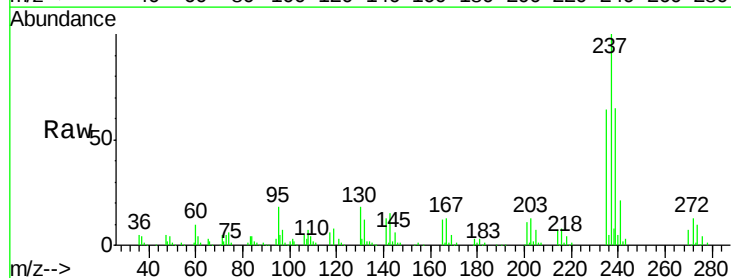
Concen: 84.32 ng

RT: 9.22 min Scan# 624

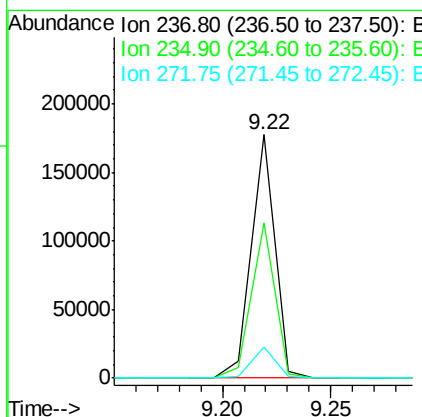
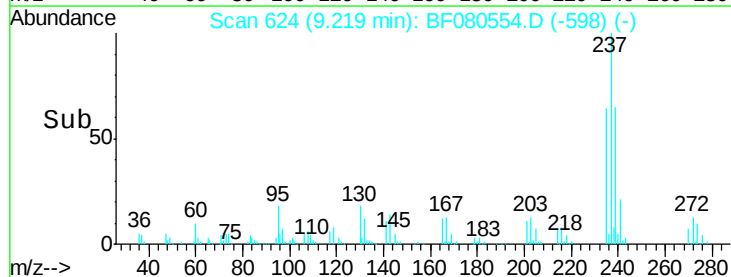
Delta R.T. -0.00 min

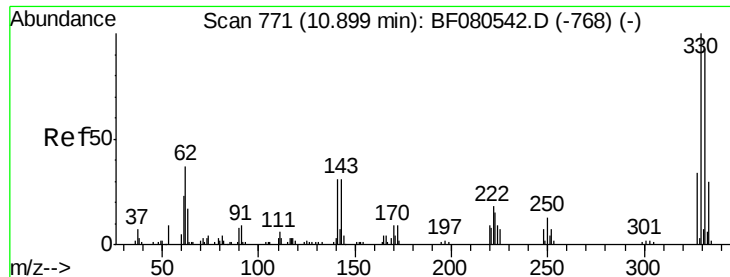
Lab File: BF080554.D

Acq: 18 Jul 2015 1:32



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	133622		
235	63.8	43.1	83.1	
272	12.9	0.0	33.3	





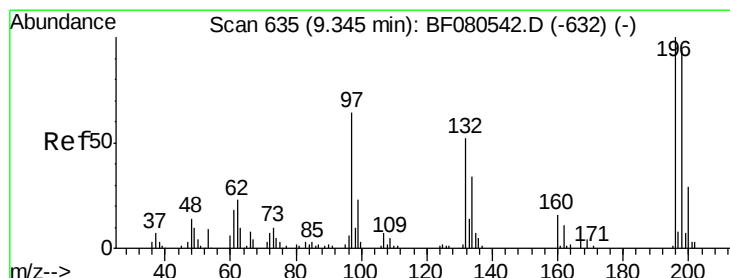
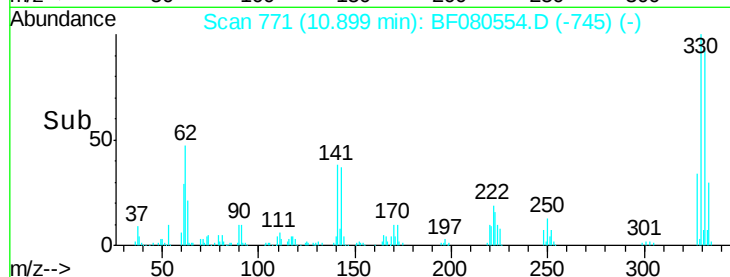
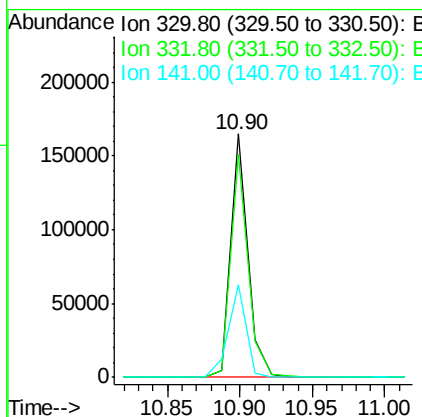
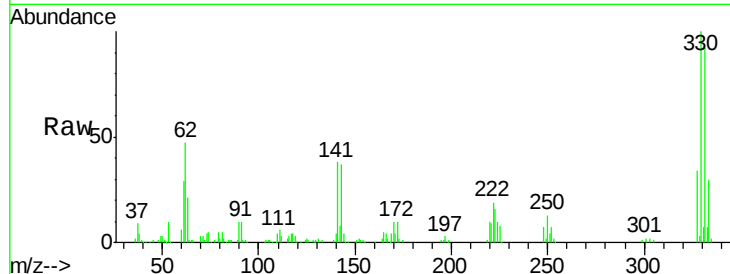
#41
 2,4,6-Tribromophenol
 Concen: 142.48 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135737		
332	93.0	74.3	111.5	
141	39.9	29.0	43.4	

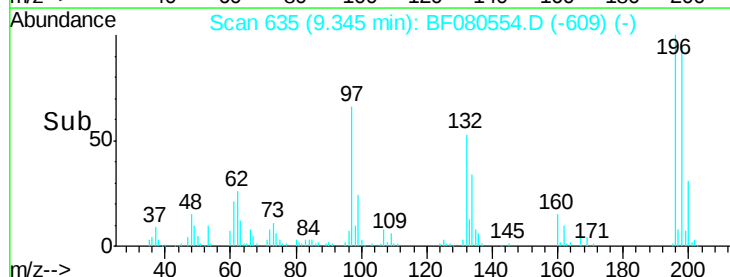
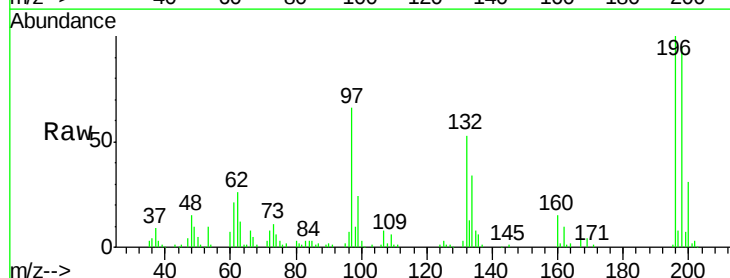
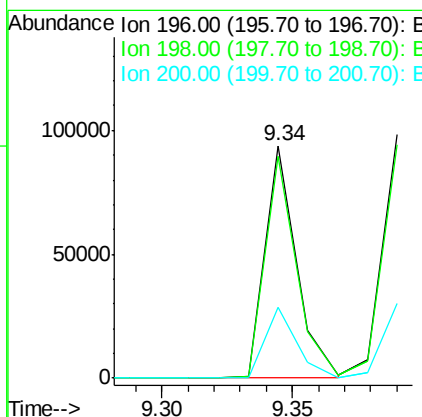
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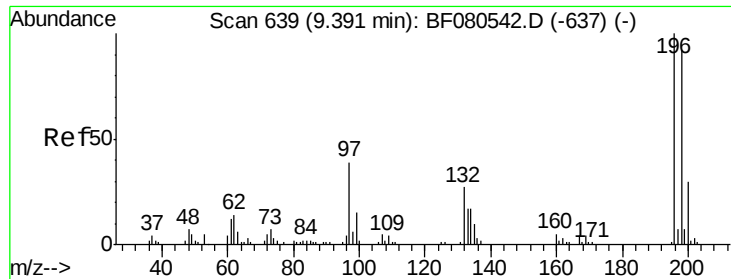
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#42
 2,4,6-Trichlorophenol
 Concen: 40.61 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	78749		
198	95.4	75.4	113.2	
200	30.5	23.3	34.9	





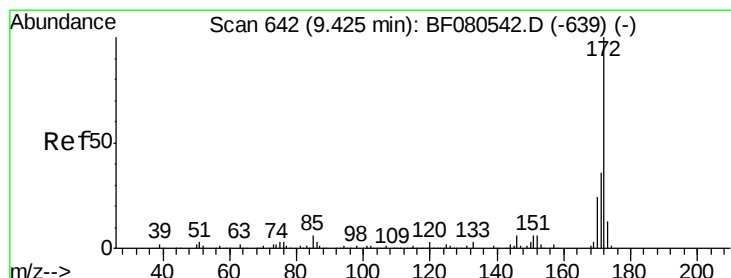
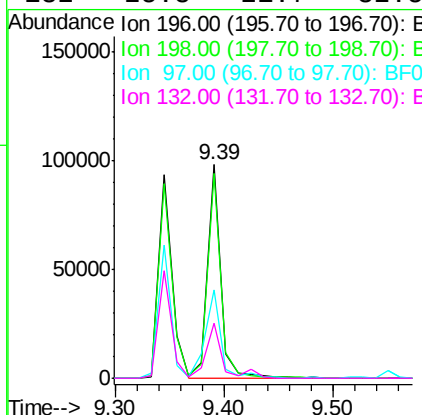
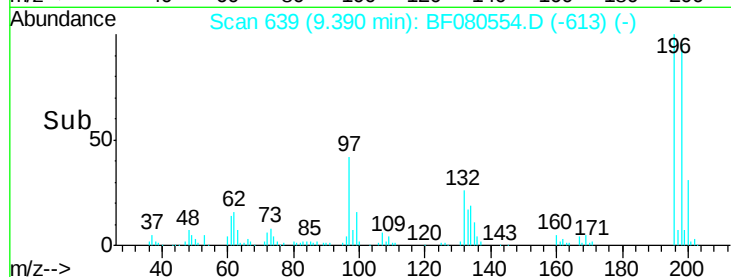
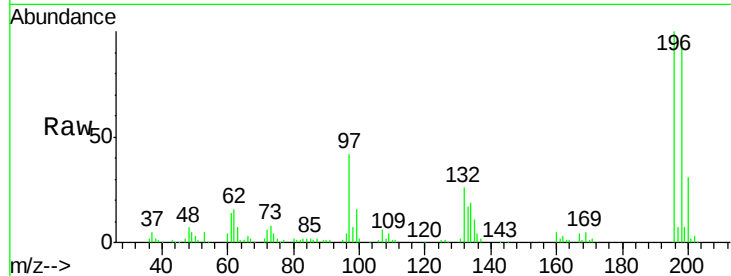
#43
 2,4,5-Trichlorophenol
 Concen: 40.03 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	84818		
198	96.1	73.8	110.8	
97	41.6	31.3	46.9	
132	25.8	21.7	32.5	

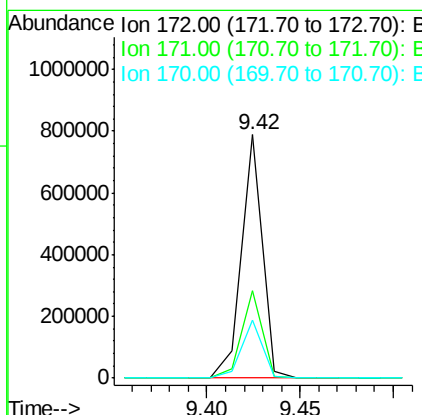
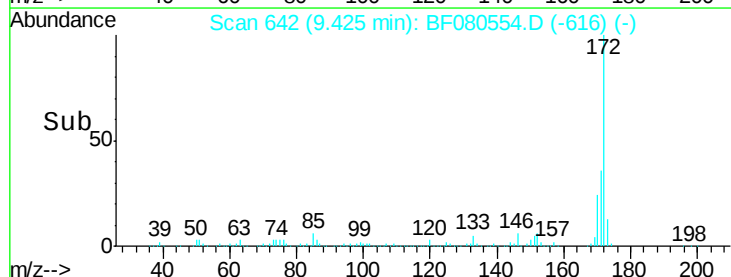
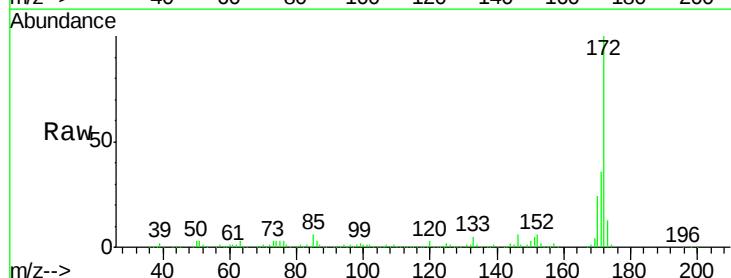
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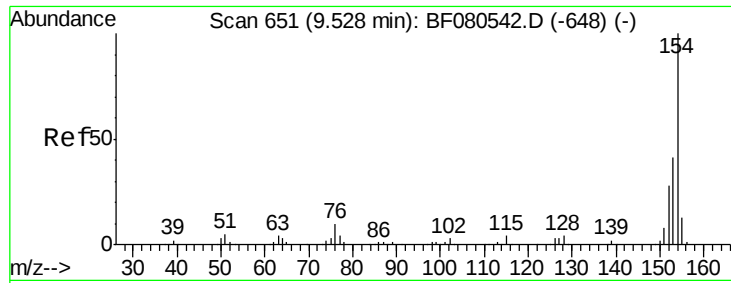
apatel
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#44
 2-Fluorobiphenyl
 Concen: 81.34 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	616576		
171	35.7	28.8	43.2	
170	24.1	19.0	28.4	





#45

1,1'-Biphenyl

Concen: 37.57 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF080554.D

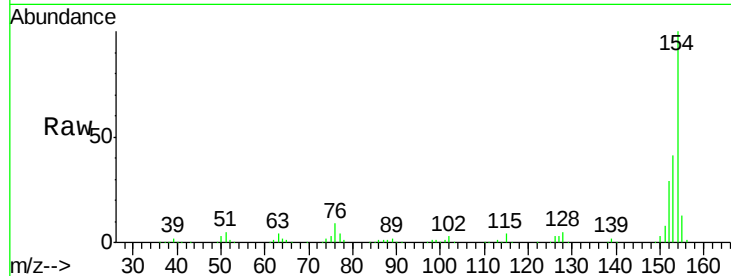
Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS



Tgt Ion:154 Resp: 331609

Ion Ratio Lower Upper

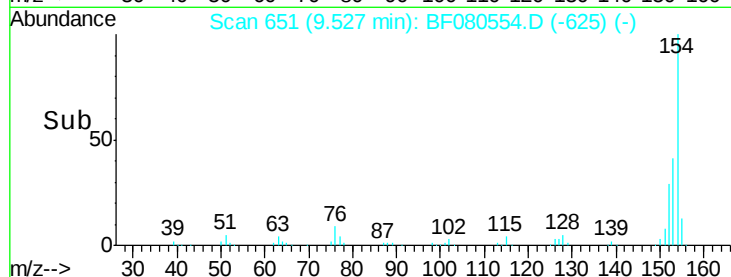
154 100

153 40.6 20.6 60.6

76 9.5 0.0 29.6

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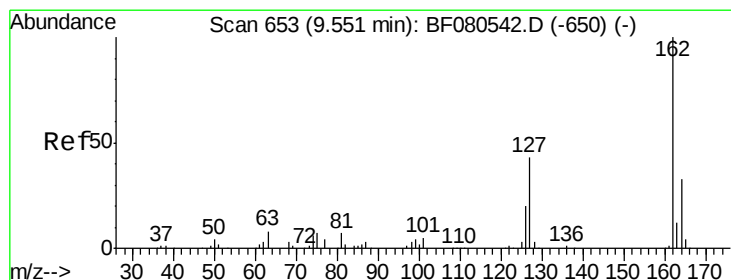
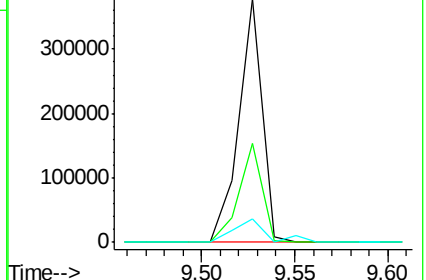
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.49 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

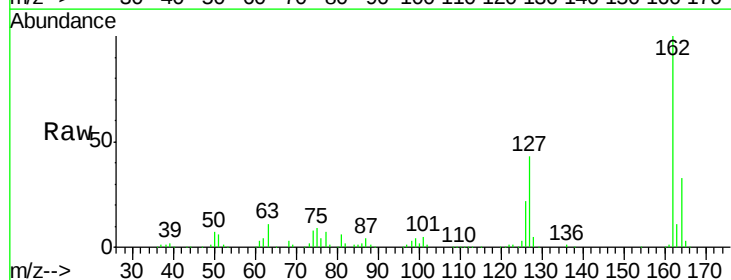
Tgt Ion:162 Resp: 256834

Ion Ratio Lower Upper

162 100

127 43.5 35.4 53.2

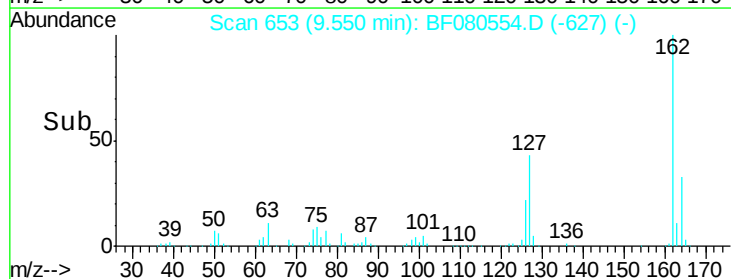
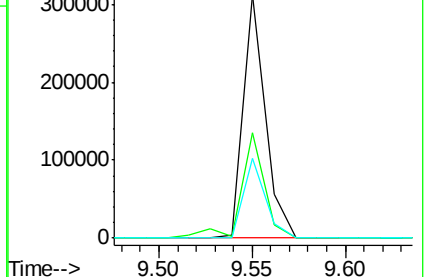
164 33.0 26.2 39.2

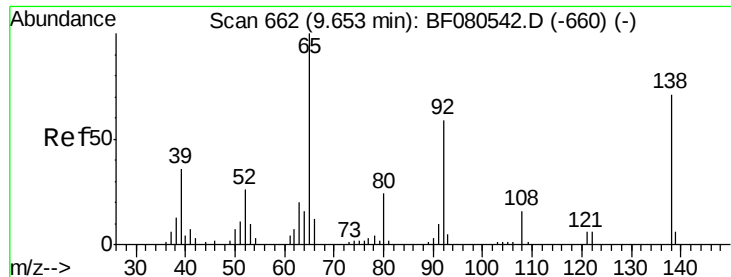


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.37 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

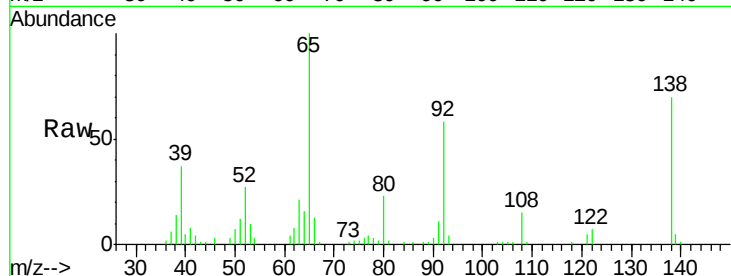
ClientSampleId :

PB84537BS

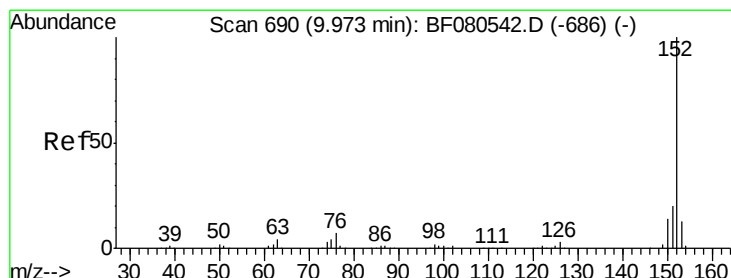
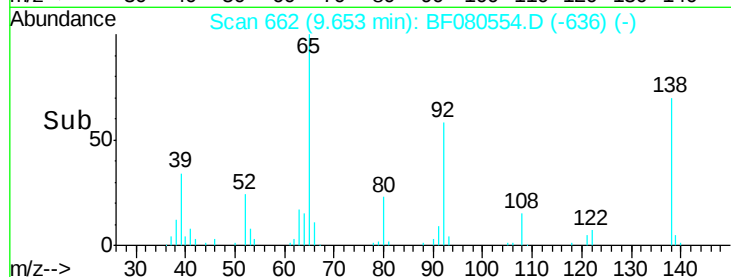
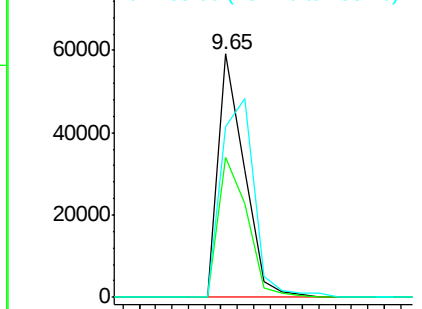
Tgt Ion:	65	Resp:	65606
Ion Ratio	Lower	Upper	
65	100		
92	57.6	47.4	71.0
138	70.1	57.1	85.7

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



#48

Acenaphthylene

Concen: 37.96 ng

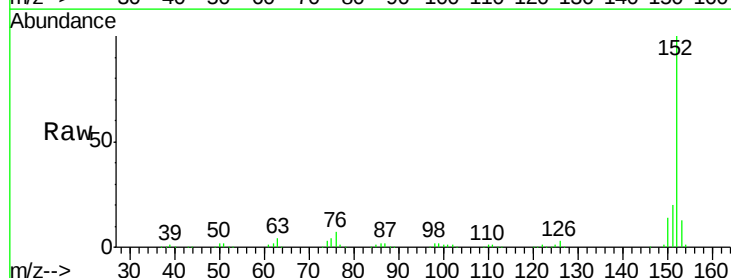
RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

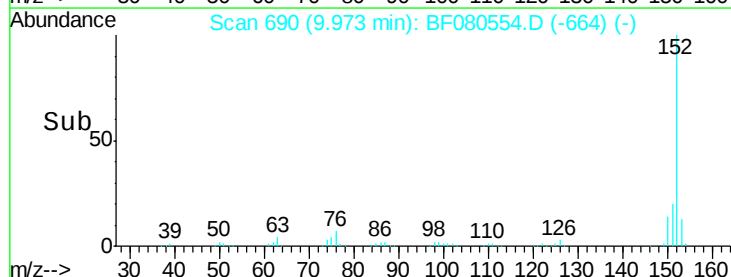
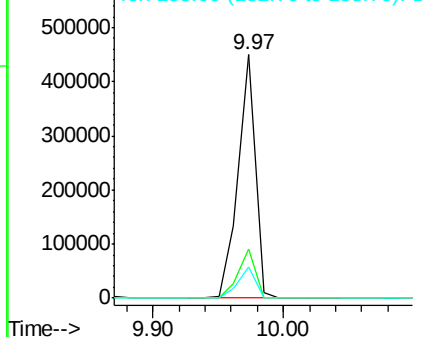
Lab File: BF080554.D

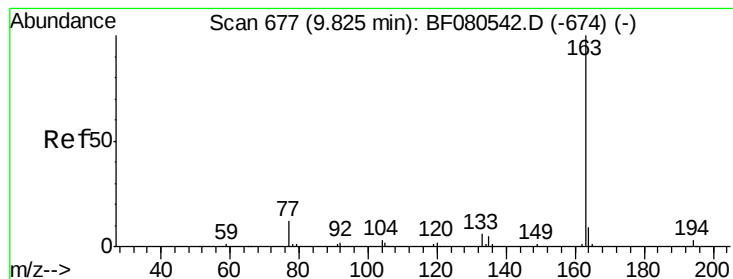
Acq: 18 Jul 2015 1:32

Tgt Ion:	152	Resp:	408817
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.8
153	12.9	10.4	15.6



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





#49

Dimethylphthalate

Concen: 41.09 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

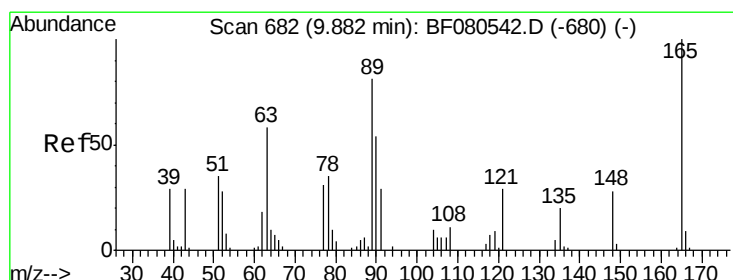
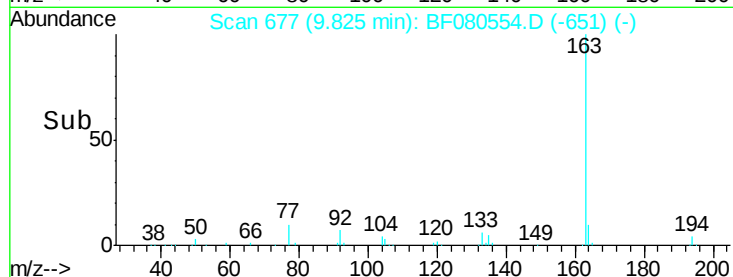
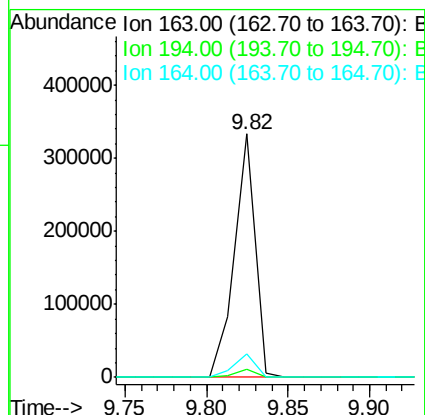
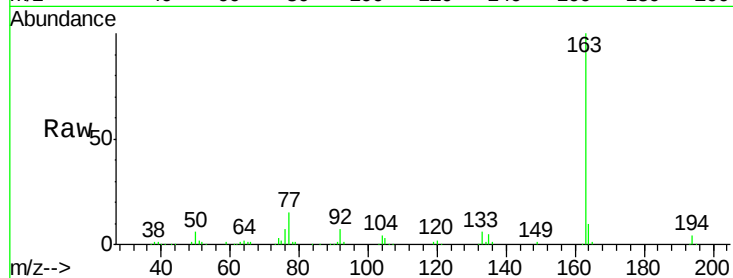
ClientSampleId :

PB84537BS

Tgt Ion:	163	Resp:	291118
Ion Ratio		Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	7.4	11.2

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#50

2,6-Dinitrotoluene

Concen: 40.34 ng

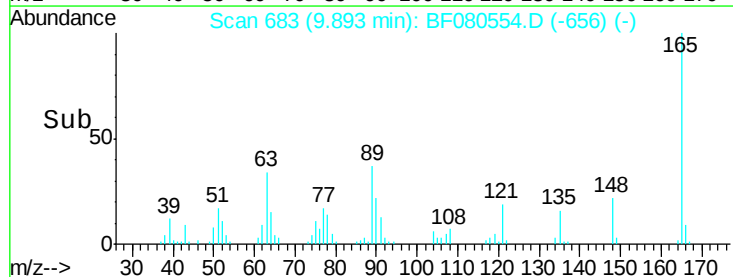
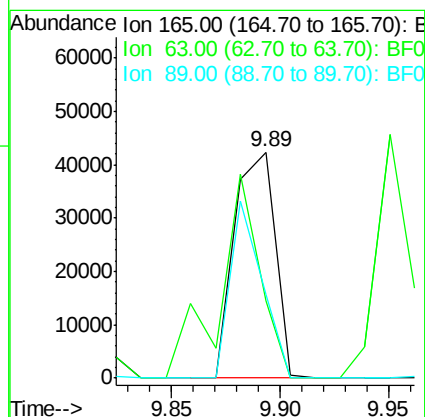
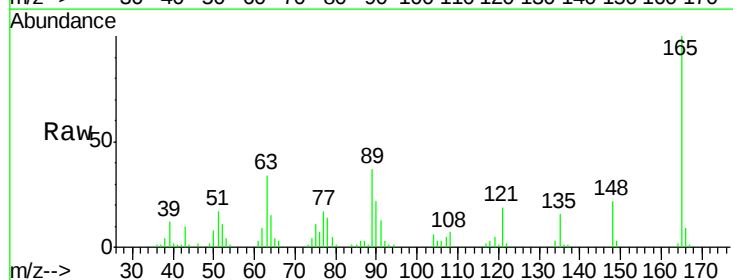
RT: 9.89 min Scan# 683

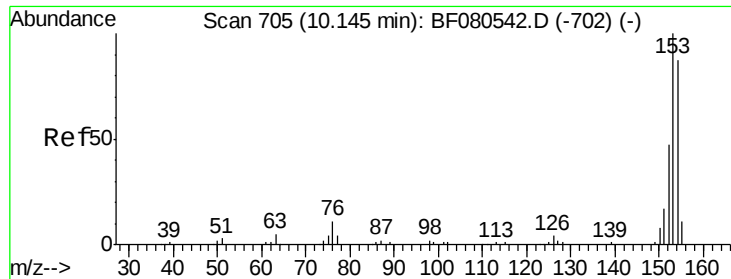
Delta R.T. 0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	165	Resp:	54900
Ion Ratio		Lower	Upper
165	100		
63	34.3	74.5	111.7#
89	37.1	64.6	97.0#





#51

Acenaphthene

Concen: 41.64 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080554.D

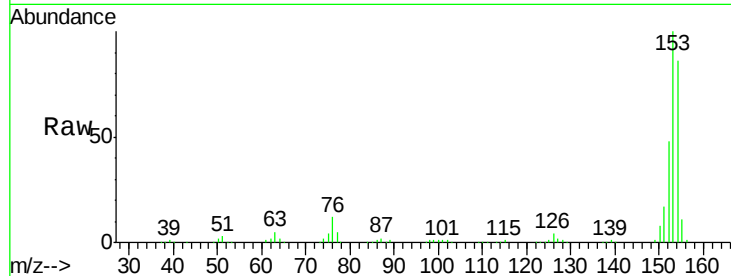
Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

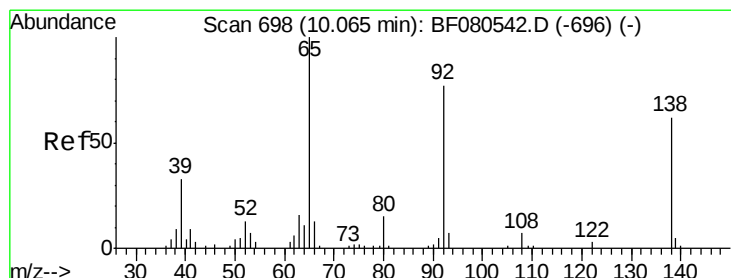
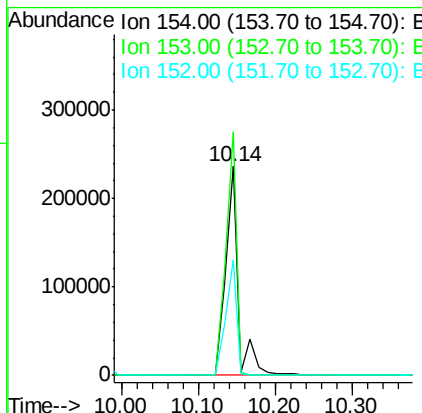
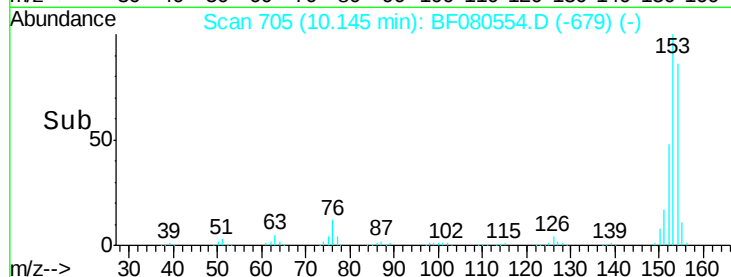
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	116.7	92.3	138.5	
152	55.7	43.4	65.2	

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#52

3-Nitroaniline

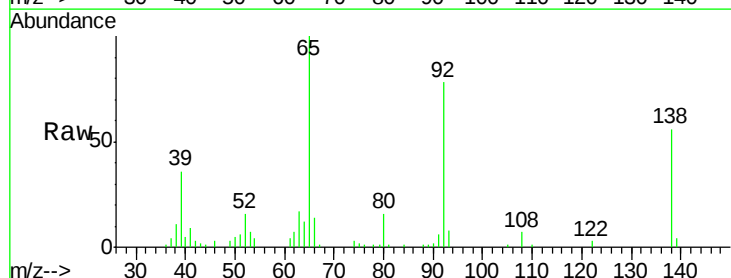
Concen: 25.81 ng

RT: 10.06 min Scan# 698

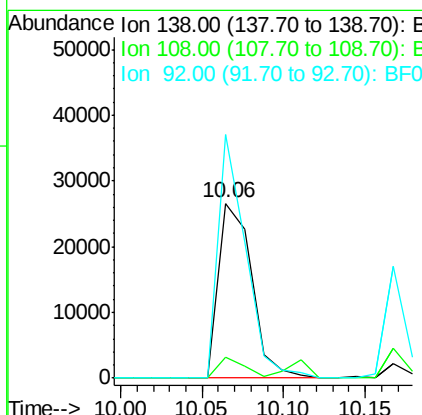
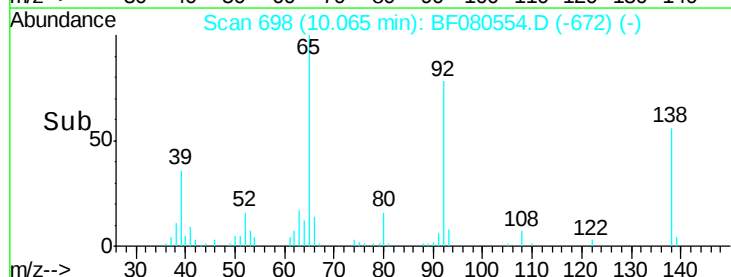
Delta R.T. 0.00 min

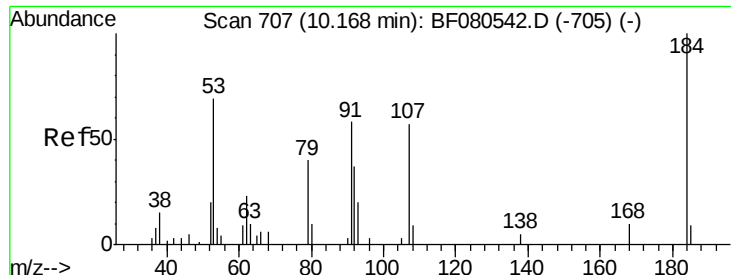
Lab File: BF080554.D

Acq: 18 Jul 2015 1:32



Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.8	8.6	12.8	
92	139.3	99.7	149.5	





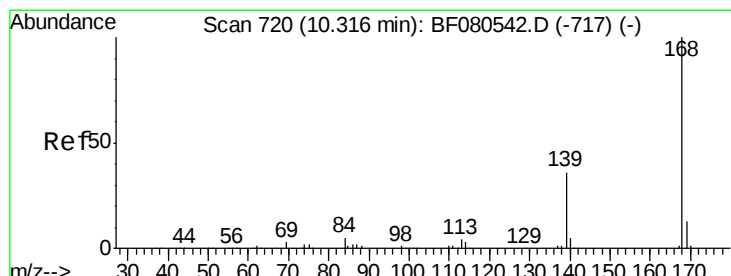
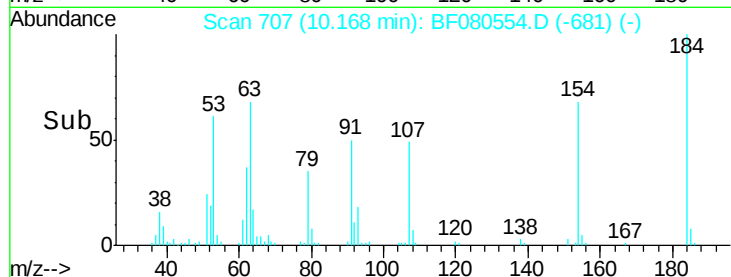
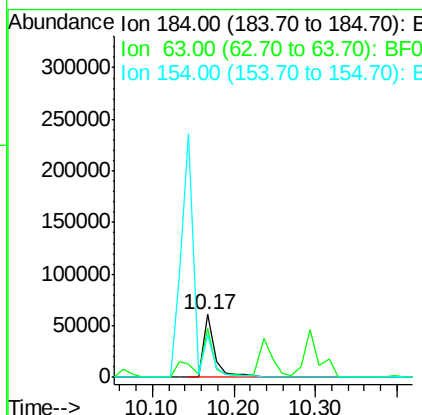
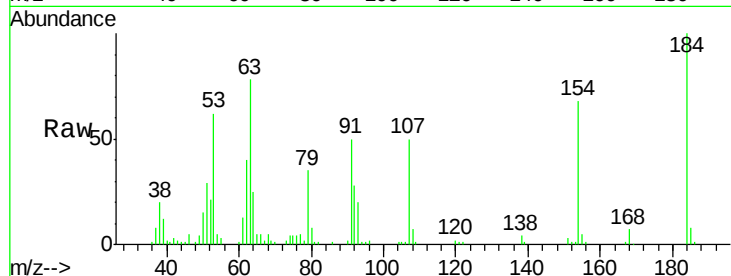
#53
 2,4-Dinitrophenol
 Concen: 78.20 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	62569		
63	77.6	74.8	112.2	
154	67.7	55.6	83.4	

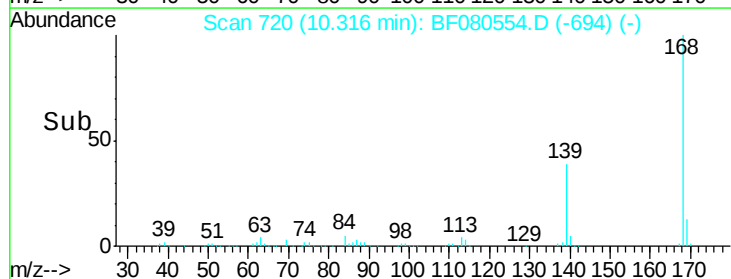
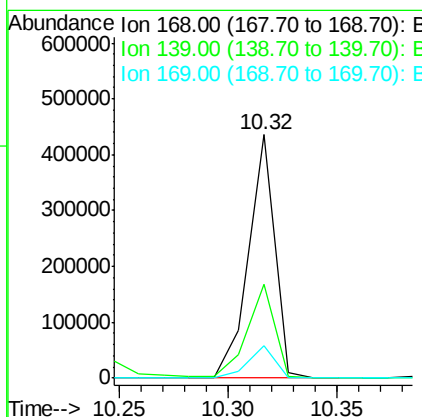
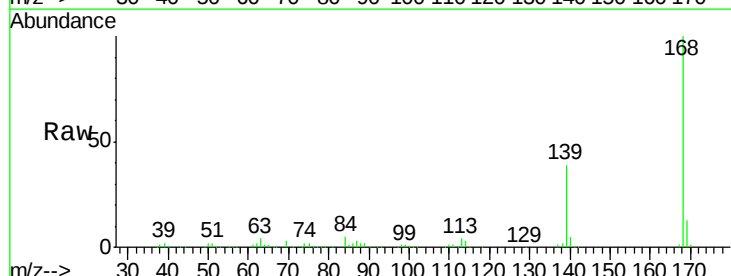
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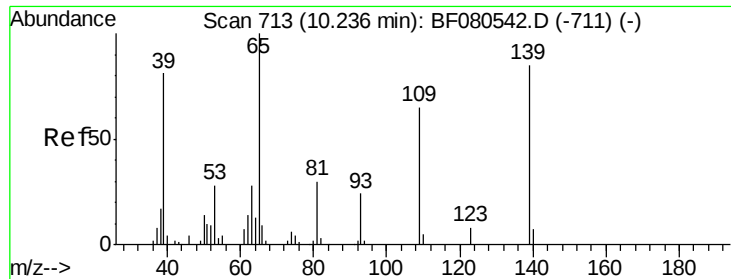
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#54
 Dibenzofuran
 Concen: 39.84 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	365054		
139	38.6	29.0	43.4	
169	13.4	10.6	15.8	





#55

4-Nitrophenol

Concen: 80.64 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

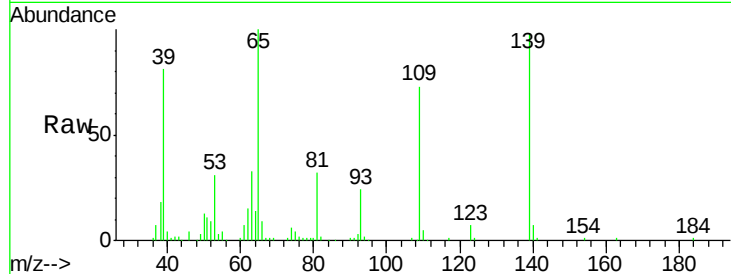
ClientSampleId :

PB84537BS

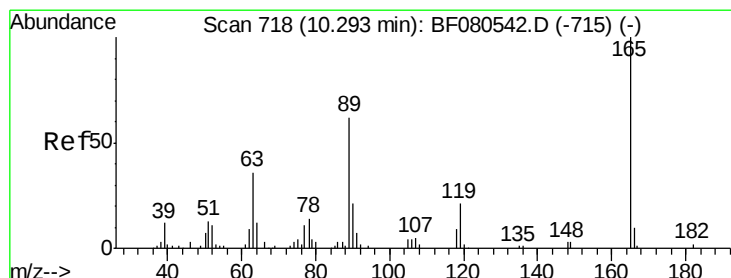
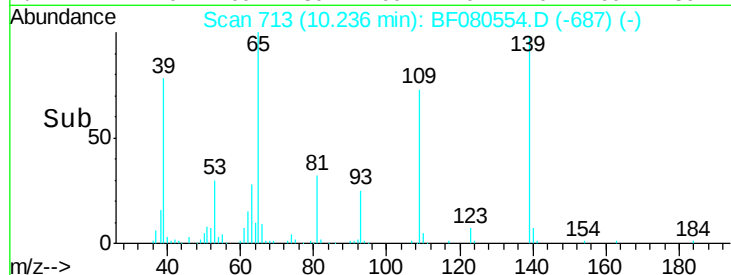
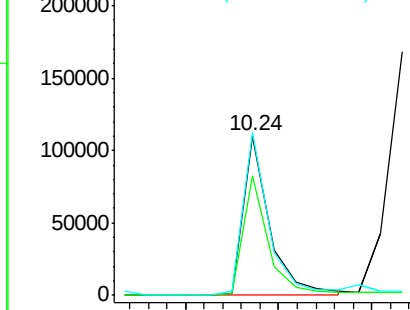
Tgt Ion:	139	Resp:	108522
Ion Ratio	Lower	Upper	
139	100		
109	74.9	56.0	96.0
65	102.5	97.3	137.3

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.47 ng

RT: 10.29 min Scan# 718

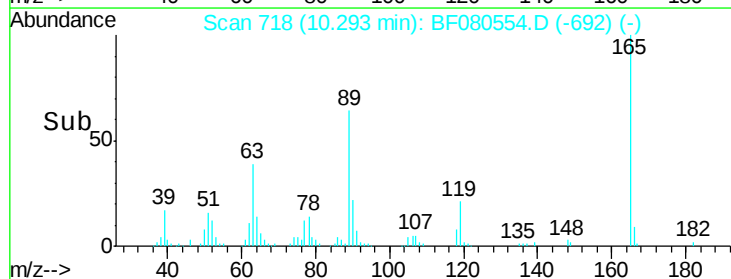
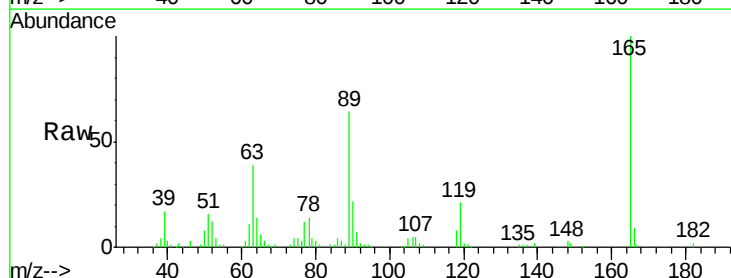
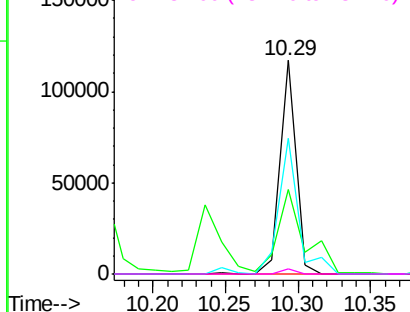
Delta R.T. 0.00 min

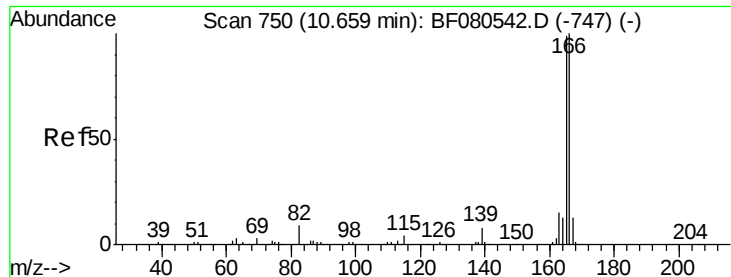
Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	165	Resp:	89829
Ion Ratio	Lower	Upper	
165	100		
63	39.3	30.2	45.4
89	63.5	49.9	74.9
182	2.2	1.8	2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





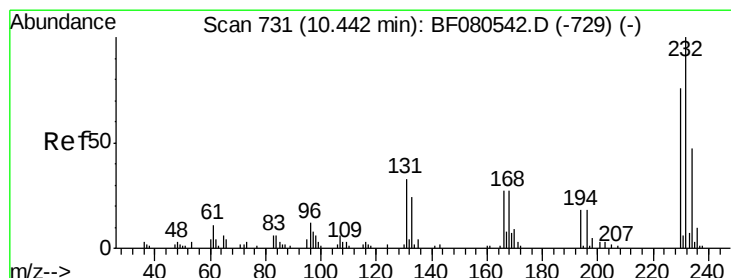
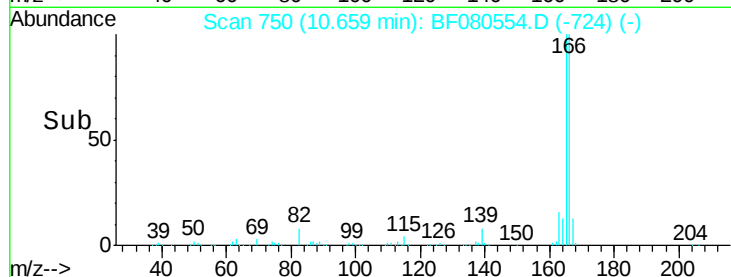
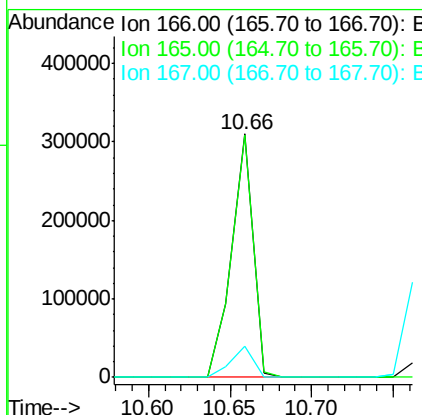
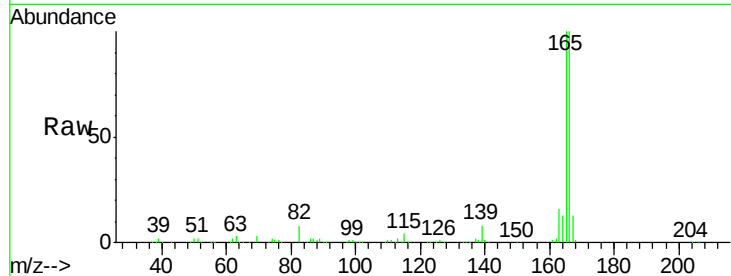
#57
 Fluorene
 Concen: 38.89 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	282410		
165	99.5	79.0	118.4	
167	13.0	10.1	15.1	

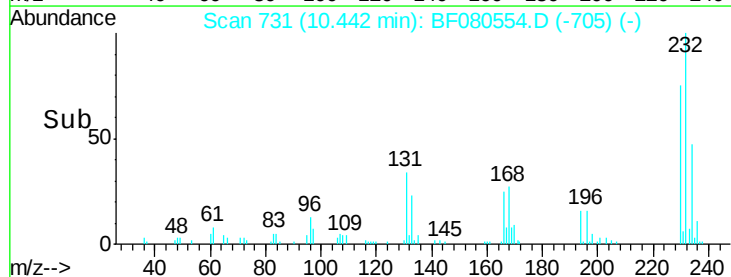
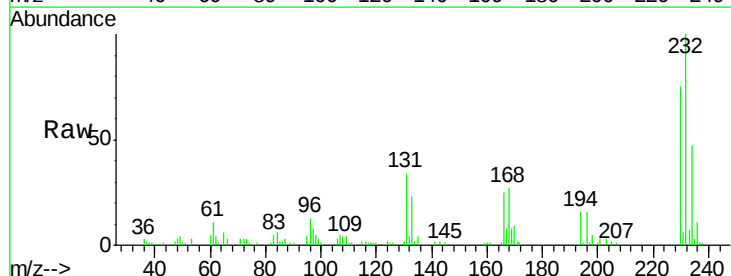
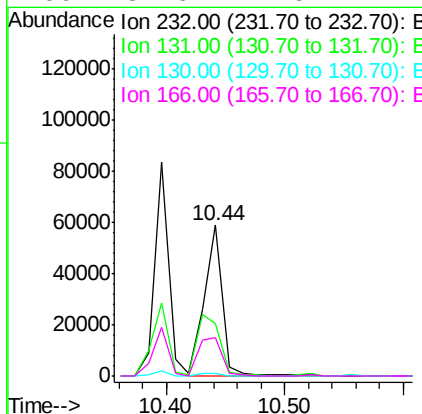
Manual Integrations
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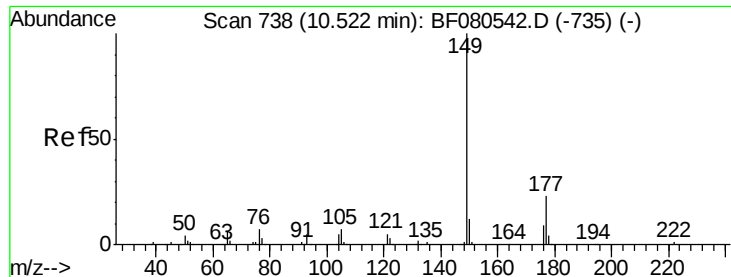
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.35 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	63390		
131	50.8	42.7	64.1	
130	2.6	1.8	2.6	
166	32.6	27.6	41.4	





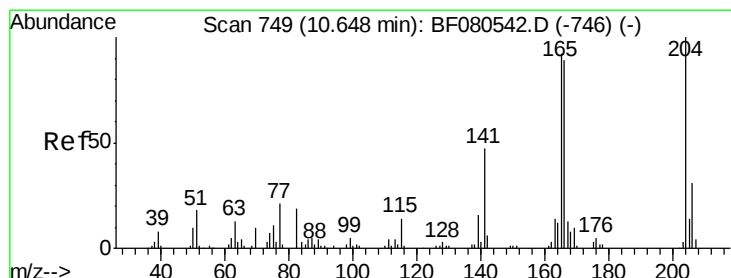
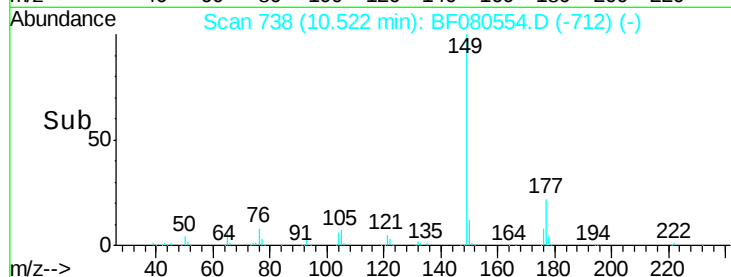
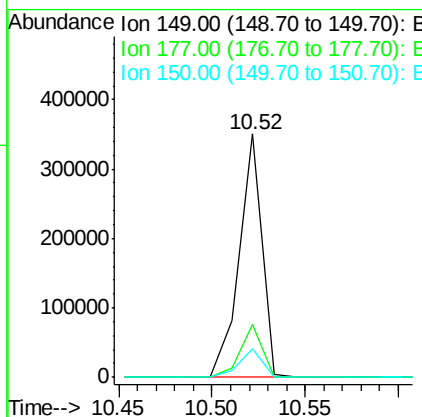
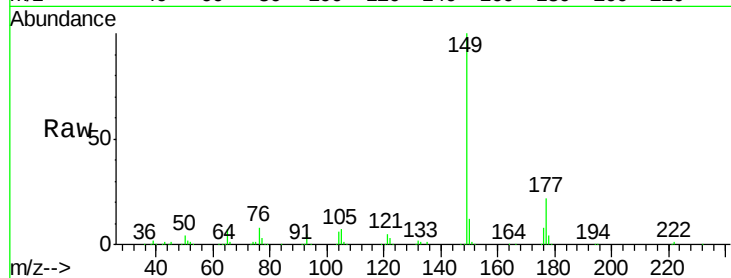
#59
Diethylphthalate
Concen: 44.82 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	299728		
177	21.6	18.4	27.6	
150	12.0	9.6	14.4	

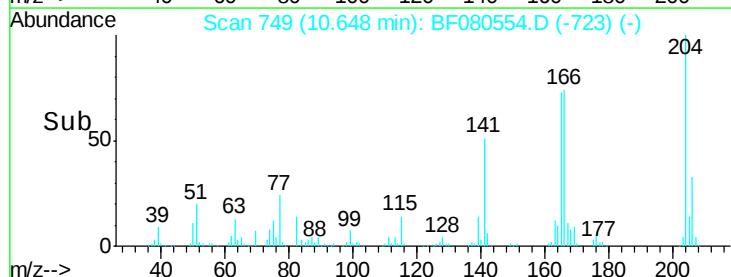
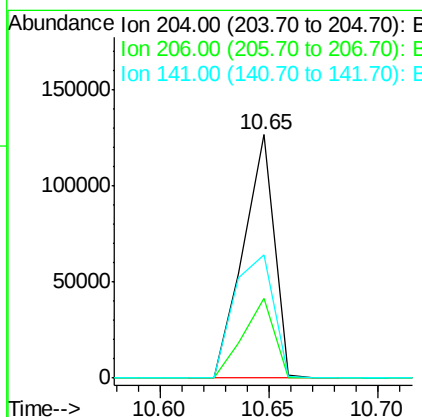
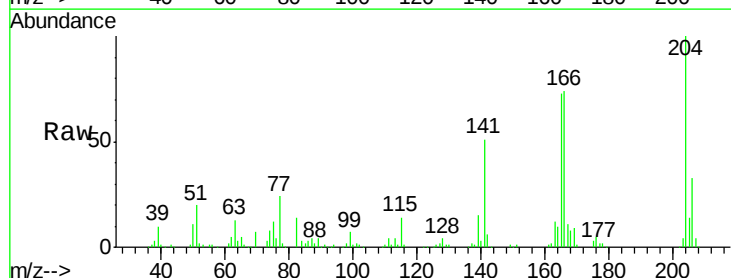
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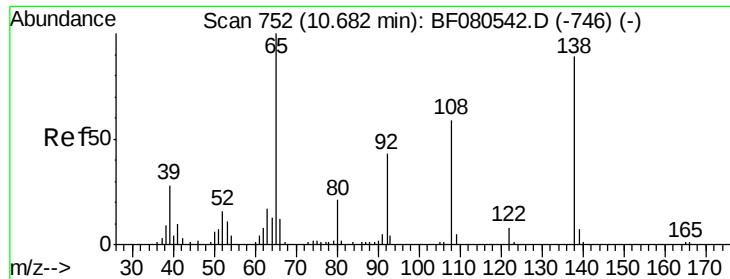
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 38.50 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	125205		
206	32.8	24.9	37.3	
141	50.6	37.9	56.9	





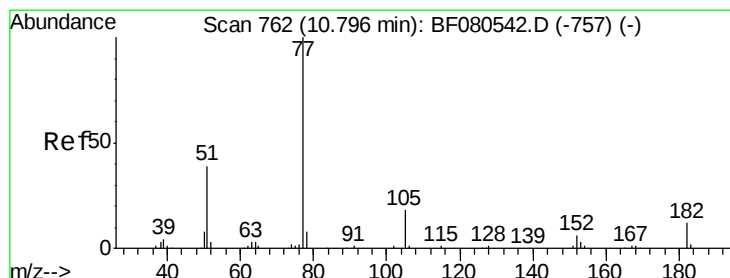
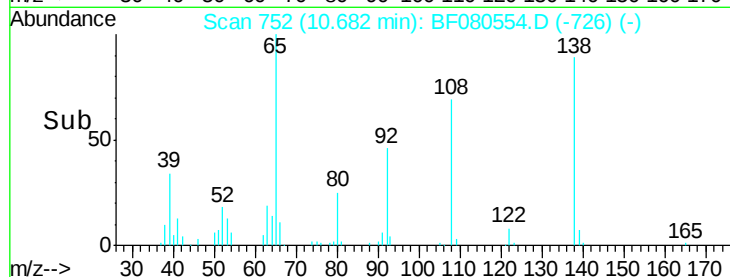
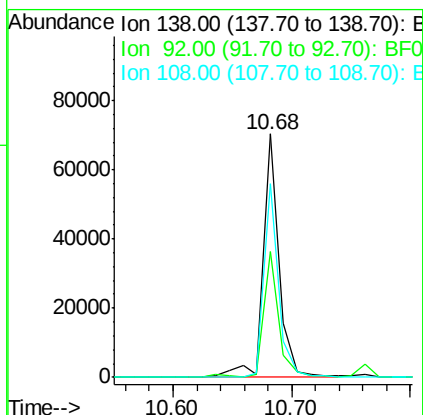
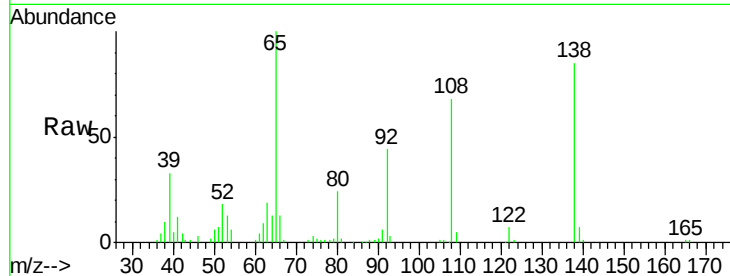
#61
4-Nitroaniline
Concen: 39.37 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	28.9	68.9
108	79.8	46.9	86.9

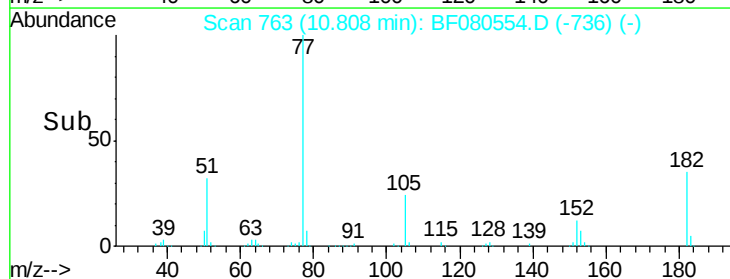
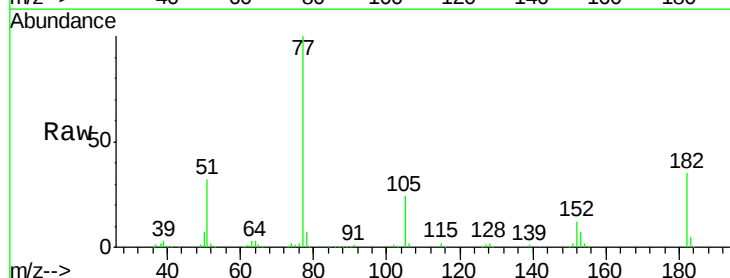
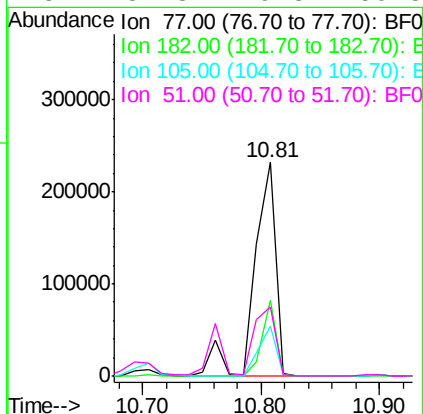
Manual Integrations
APPROVED

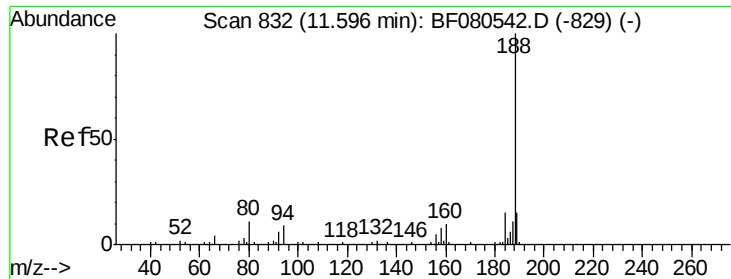
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#62
Azobenzene
Concen: 43.18 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.5	0.0	31.9#
105	23.6	0.0	38.0
51	32.3	19.8	59.8





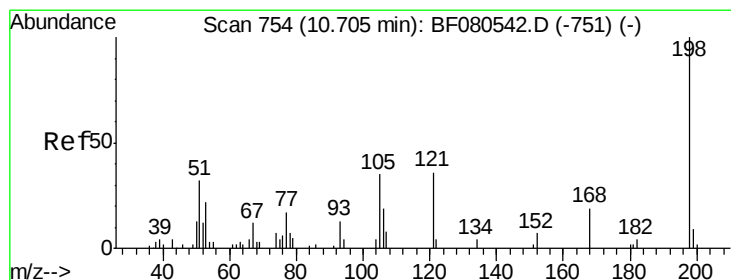
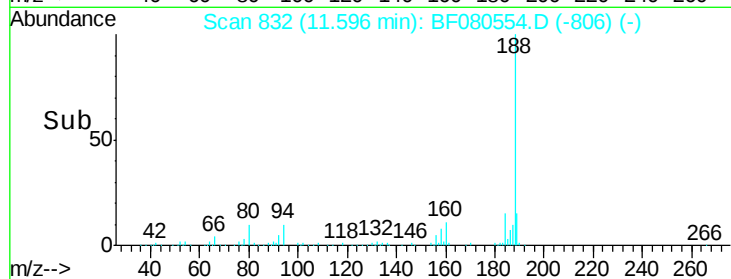
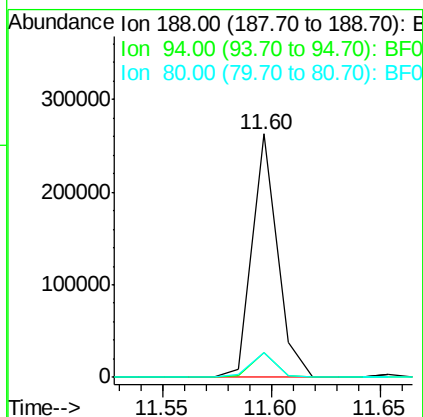
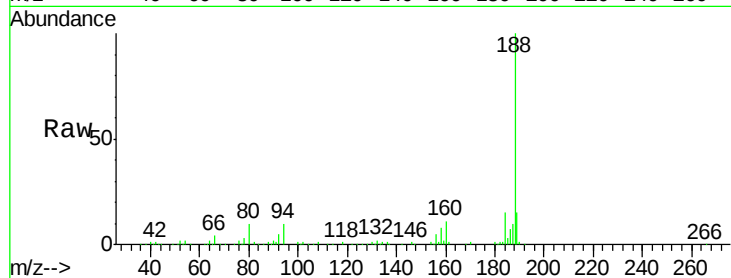
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	7.6	11.4
80	10.2	8.6	12.8

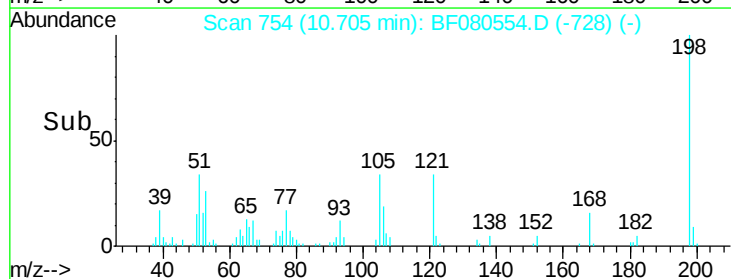
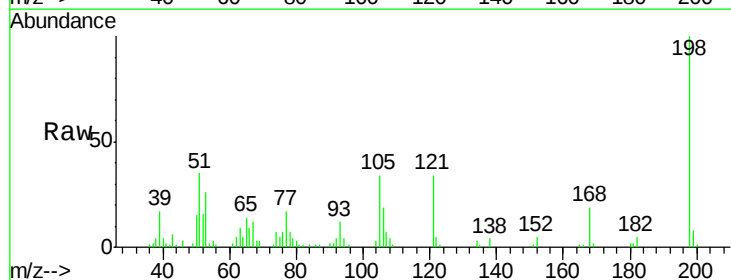
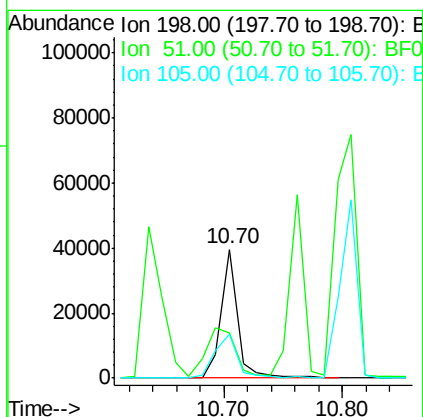
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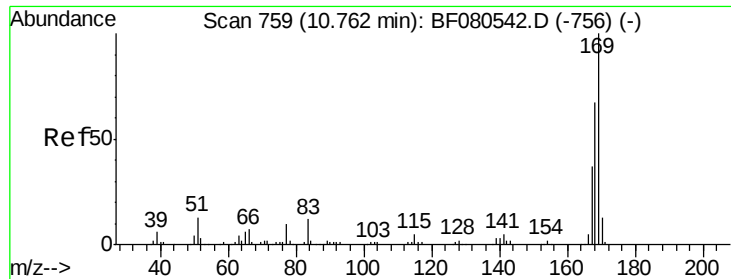
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.21 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	34.6	16.0	56.0
105	33.9	15.1	55.1





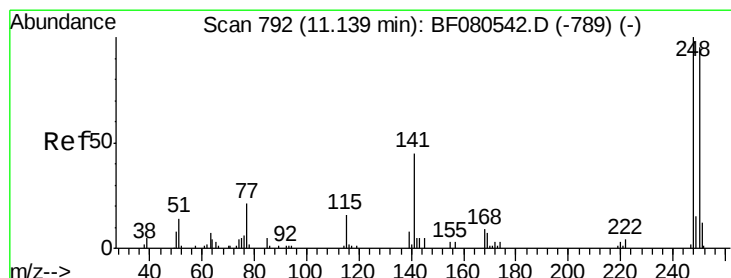
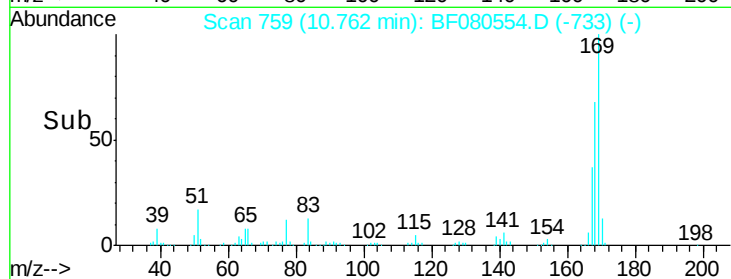
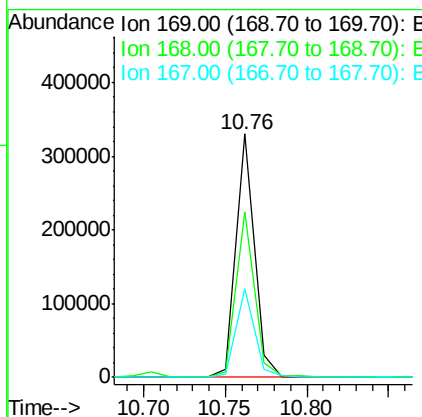
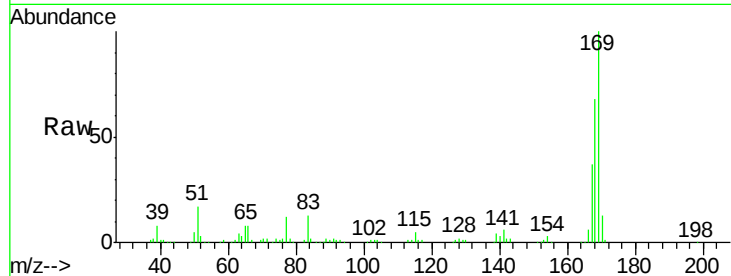
#65
n-Nitrosodiphenylamine
Concen: 36.48 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	255811		
168	68.0	53.3	79.9	
167	36.7	29.3	43.9	

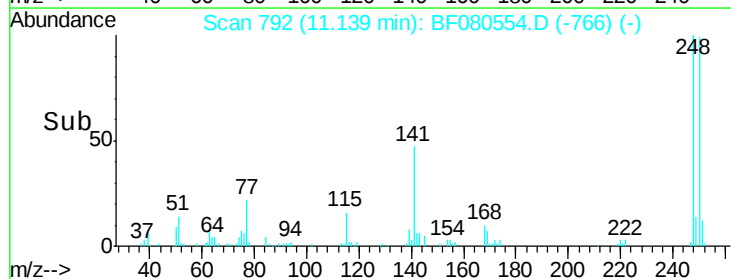
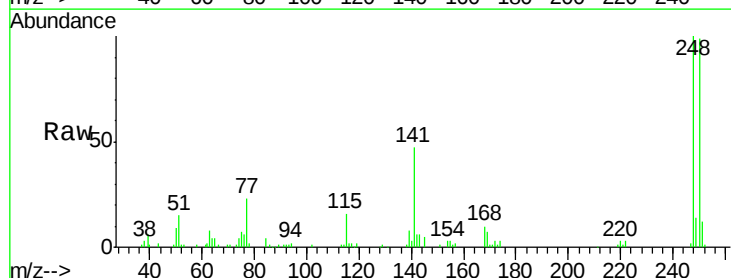
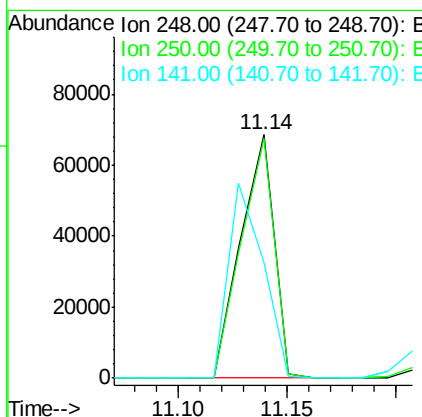
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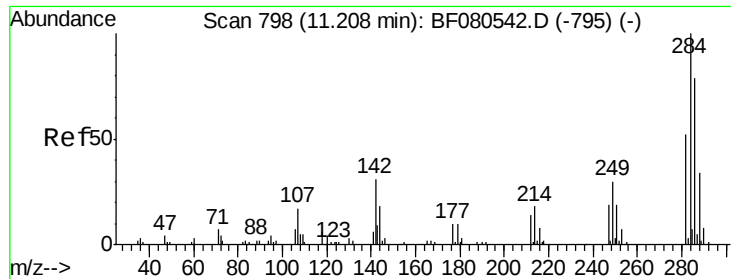
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#66
4-Bromophenyl-phenylether
Concen: 37.36 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	72891		
250	98.5	76.4	114.6	
141	47.4	36.0	54.0	





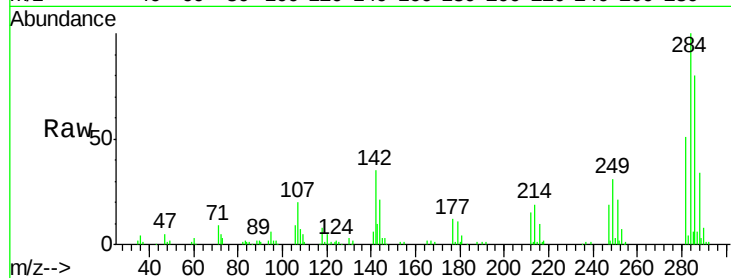
#67
Hexachlorobenzene
Concen: 38.93 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

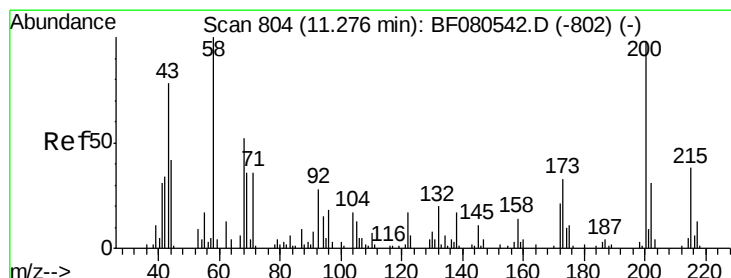
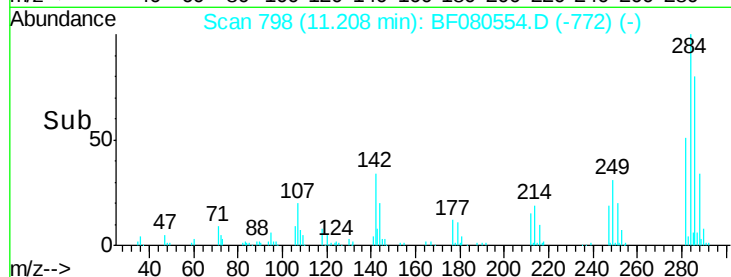
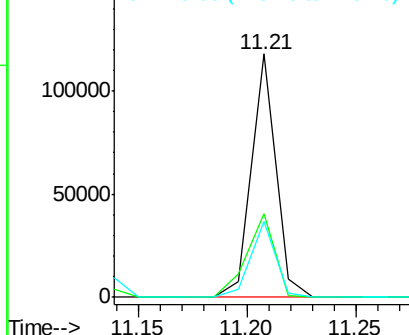
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.6	24.8	37.2
249	31.1	24.2	36.2

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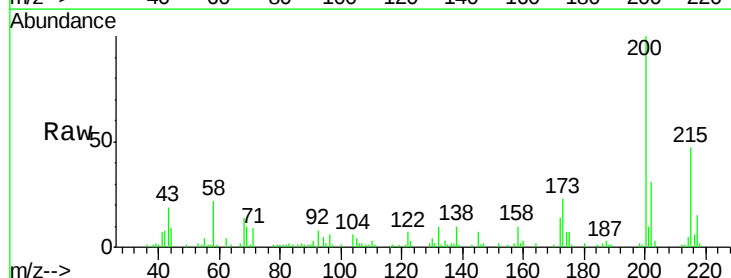


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

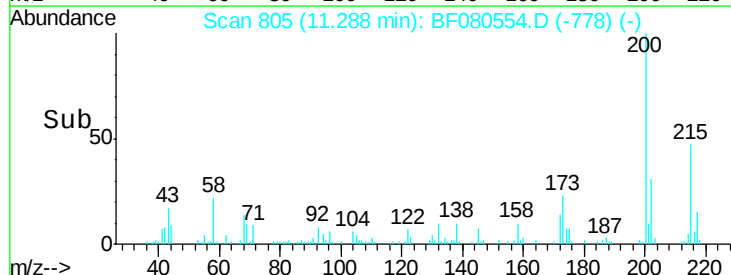
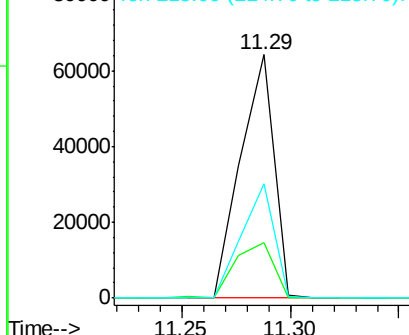


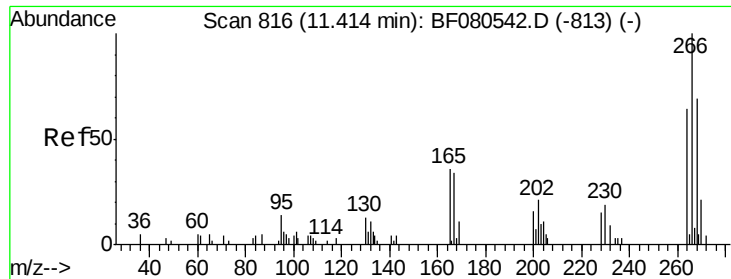
#68
Atrazine
Concen: 41.41 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.01 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.8	13.2	53.2
215	46.8	18.7	58.7



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





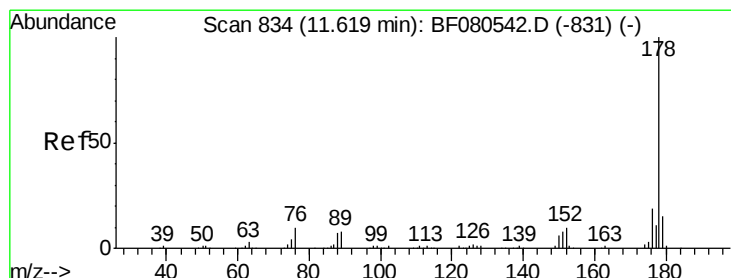
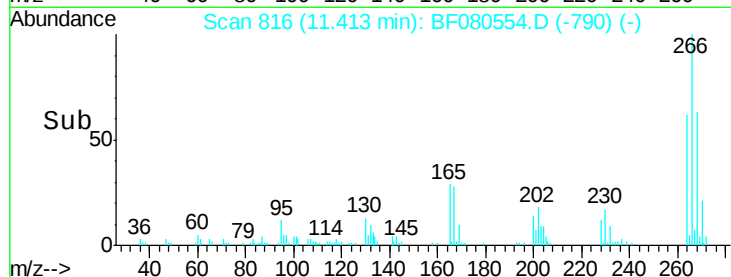
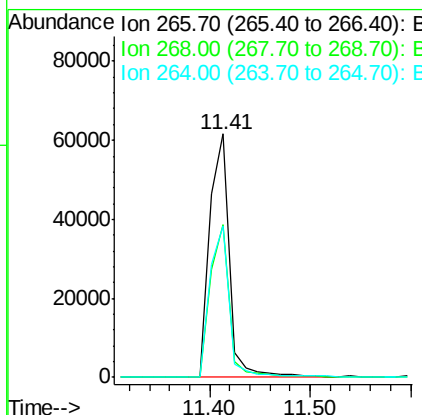
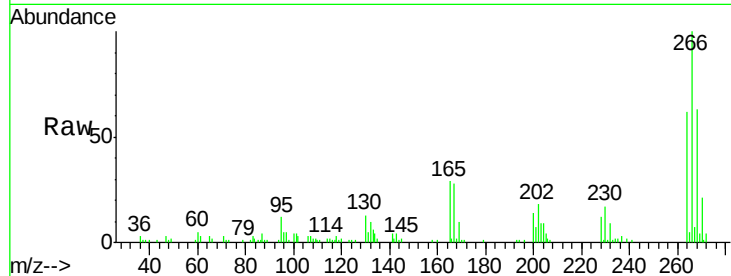
#69
 Pentachlorophenol
 Concen: 69.94 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	83438		
268	62.8	55.0	82.6	
264	62.2	51.4	77.0	

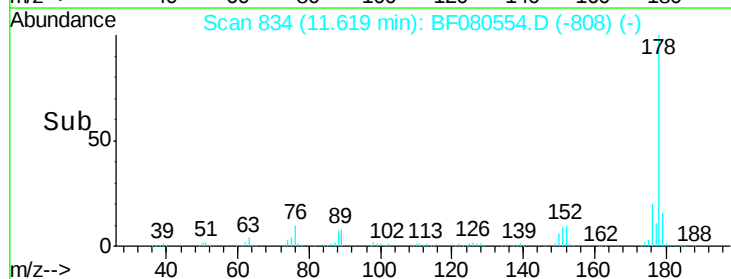
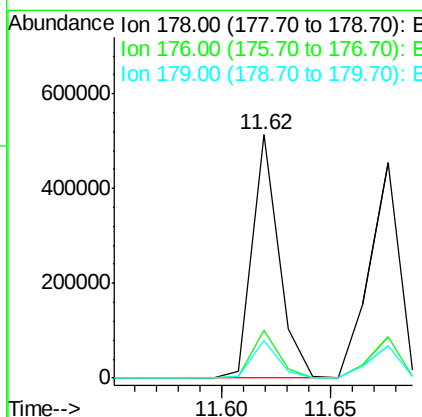
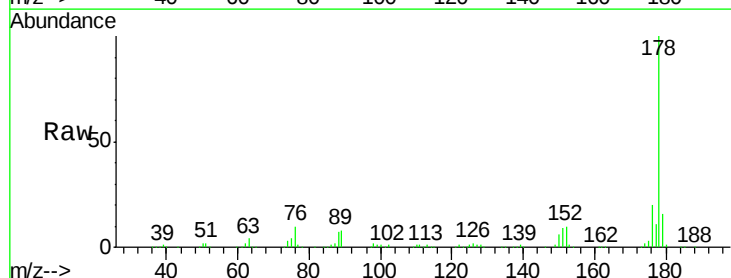
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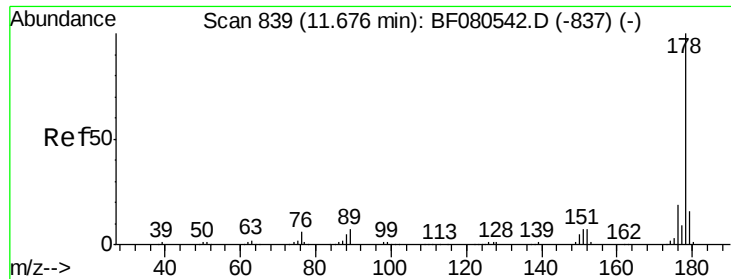
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#70
 Phenanthrene
 Concen: 37.53 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	435228		
176	19.8	15.1	22.7	
179	15.6	12.0	18.0	





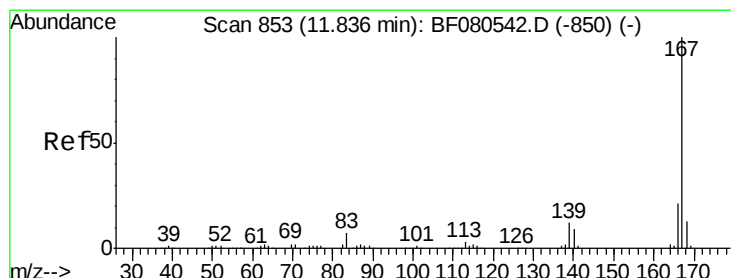
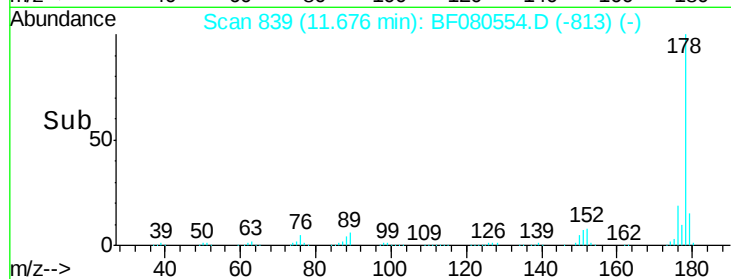
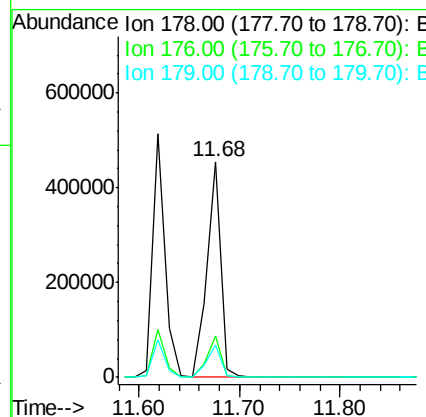
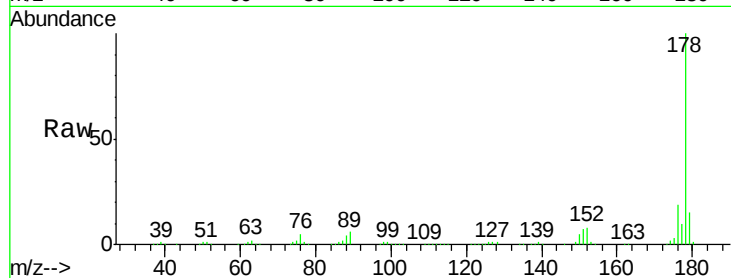
#71
 Anthracene
 Concen: 38.70 ng
 RT: 11.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.4	18.6

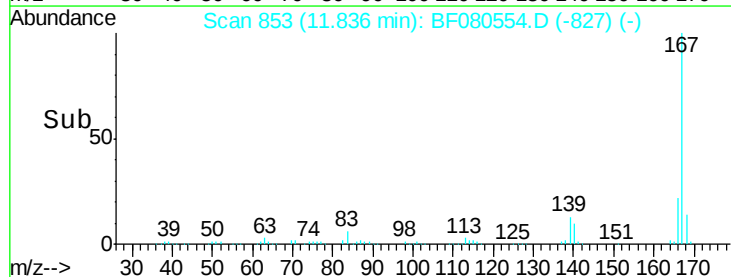
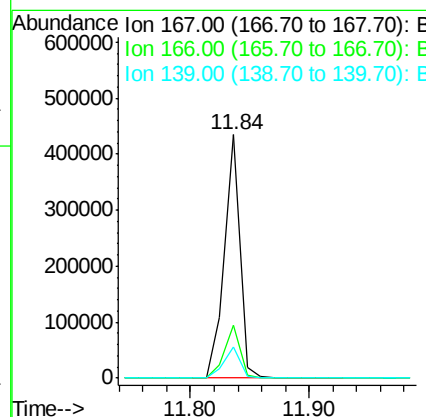
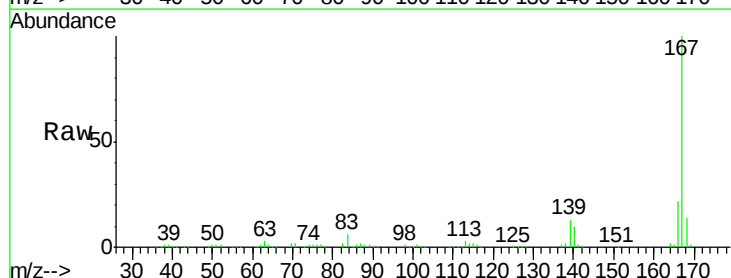
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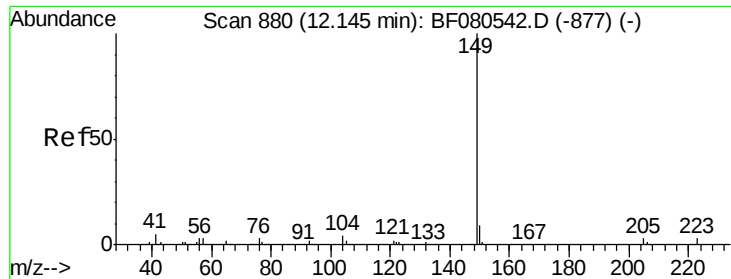
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#72
 Carbazole
 Concen: 38.64 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.9	9.8	14.8





#73

Di-n-butylphthalate

Concen: 40.06 ng

RT: 12.14 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

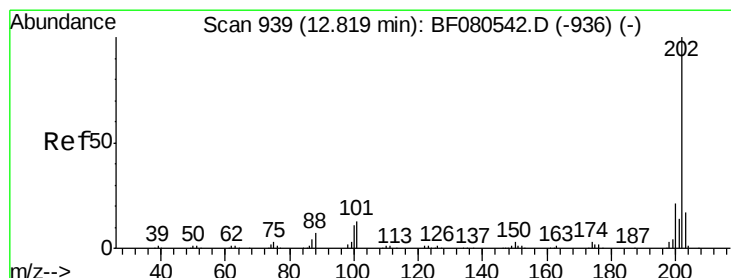
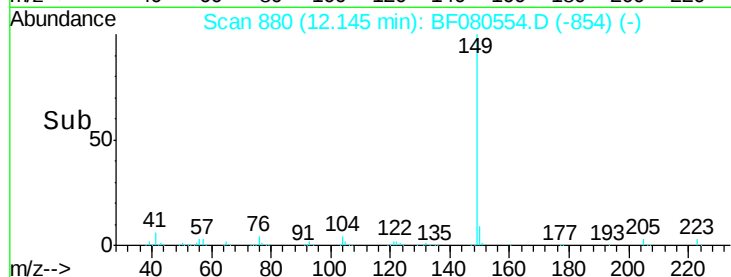
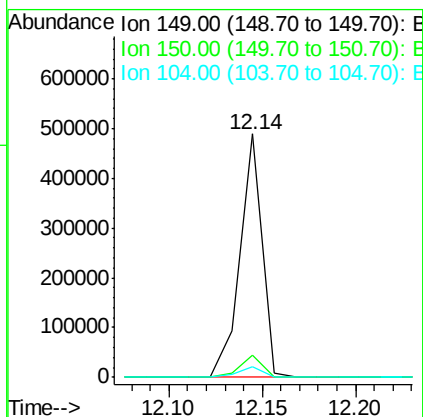
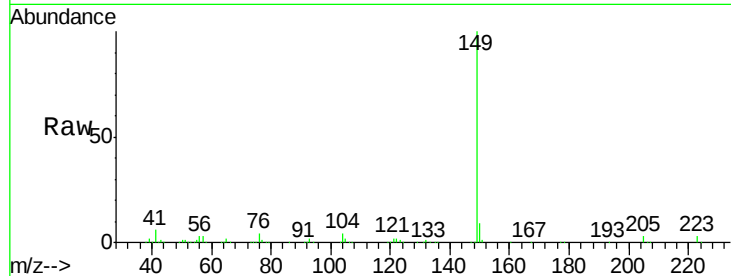
ClientSampleId :

PB84537BS

Tgt Ion:	149	Resp:	405444
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.1	10.7
104	4.3	3.1	4.7

Manual Integrations
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#74

Fluoranthene

Concen: 41.22 ng

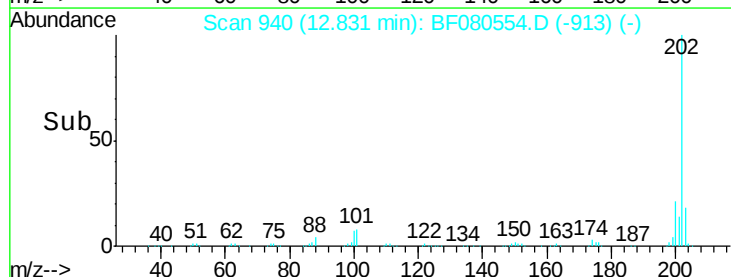
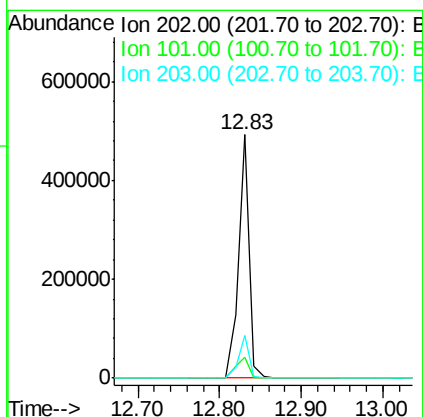
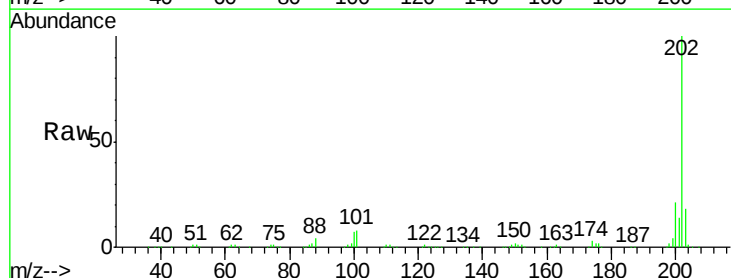
RT: 12.83 min Scan# 940

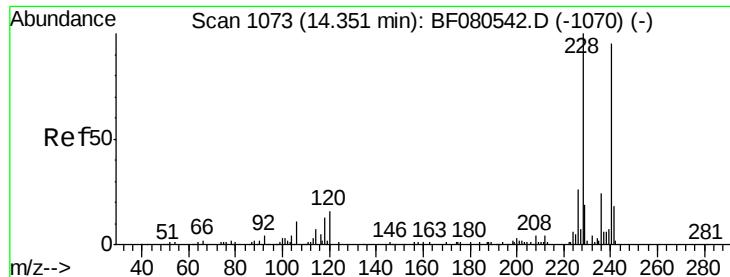
Delta R.T. 0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	202	Resp:	446942
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	32.9
203	17.6	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.40 min Scan# 1077

Delta R.T. 0.05 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

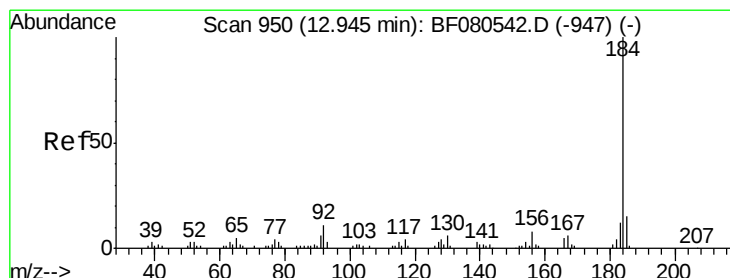
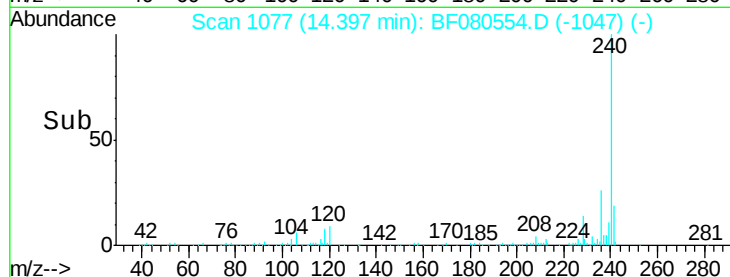
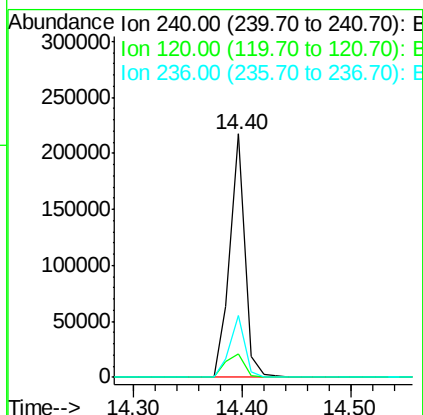
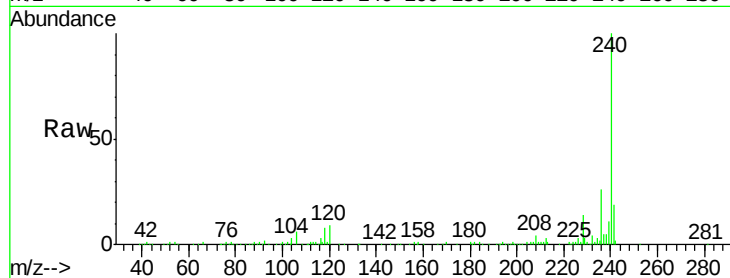
ClientSampleId :

PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	209108		
120	9.4	13.6	20.4#	
236	25.6	20.2	30.4	

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#76

Benzidine

Concen: 24.21 ng

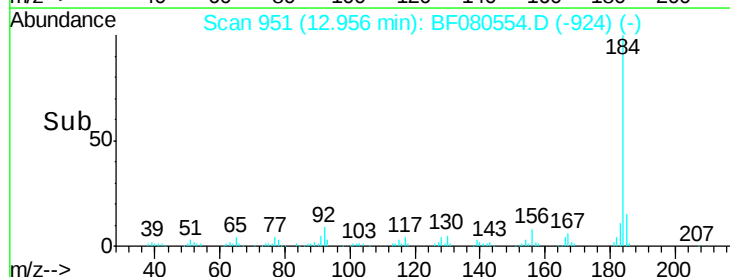
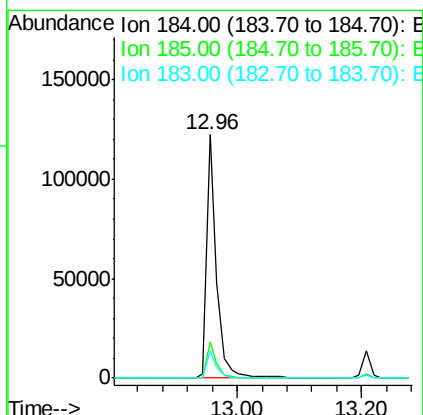
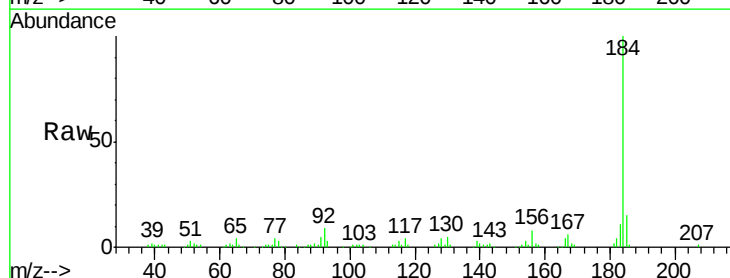
RT: 12.96 min Scan# 951

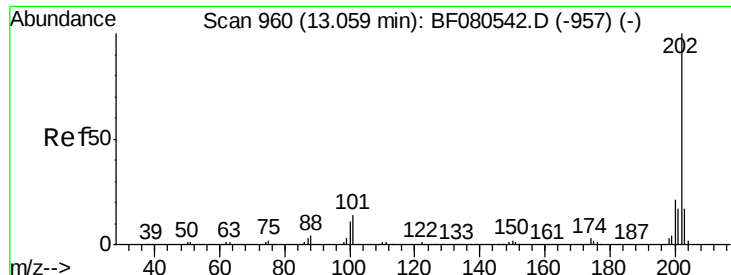
Delta R.T. 0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	135485		
185	14.9	11.9	17.9	
183	11.3	9.3	13.9	





#77

Pyrene

Concen: 36.29 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080554.D

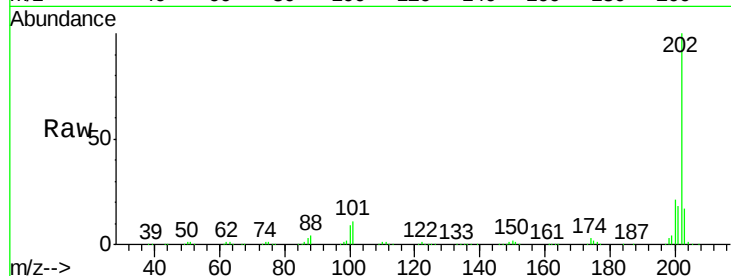
Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

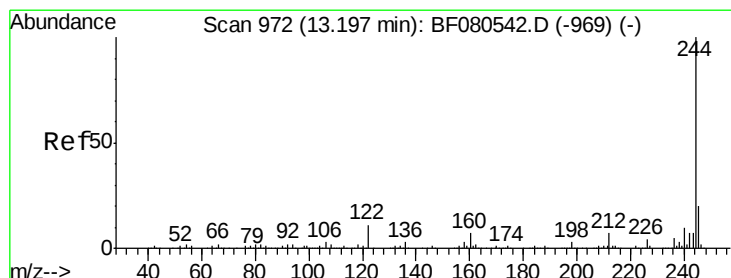
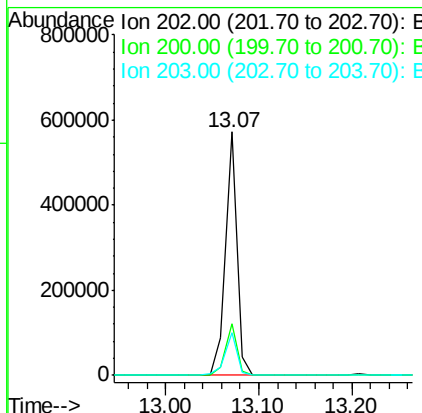
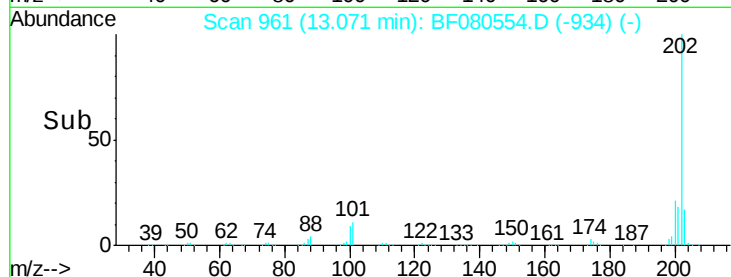
PB84537BS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	489750		
200	21.0	16.7	25.1	
203	17.4	14.0	21.0	

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#78

Terphenyl-d14

Concen: 67.49 ng

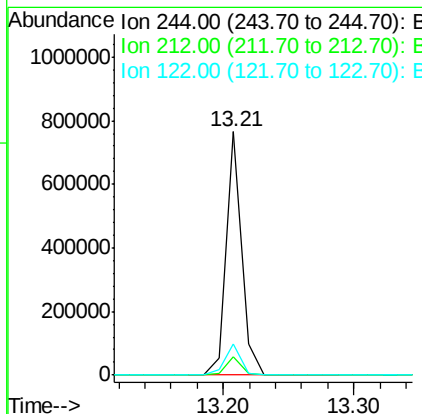
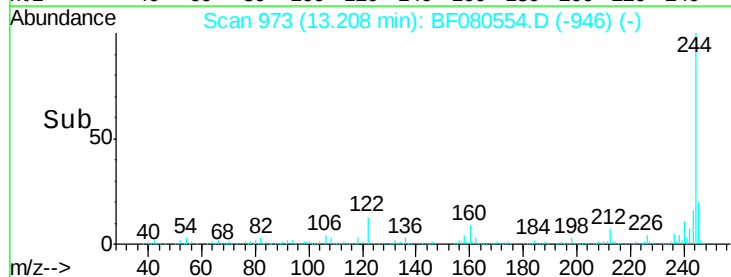
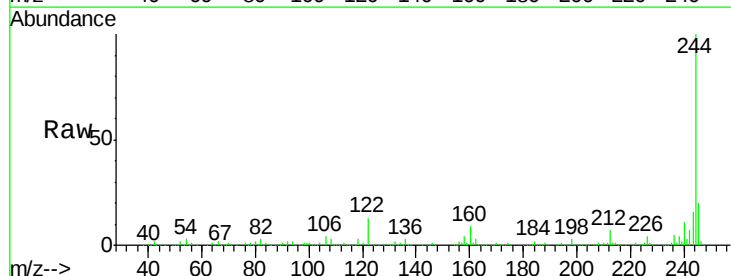
RT: 13.21 min Scan# 973

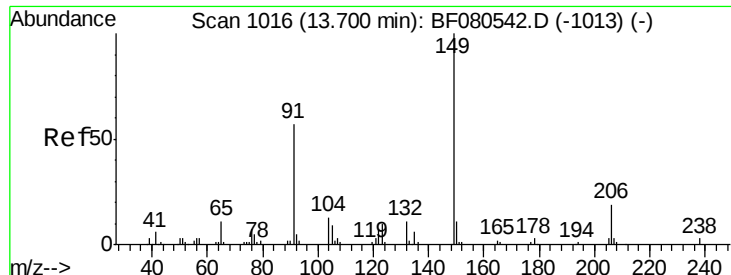
Delta R.T. 0.01 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	632021		
212	7.5	5.5	8.3	
122	12.9	9.0	13.4	





#79

Butylbenzylphthalate

Concen: 38.81 ng

RT: 13.72 min Scan# 1018

Delta R.T. 0.02 min

Lab File: BF080554.D

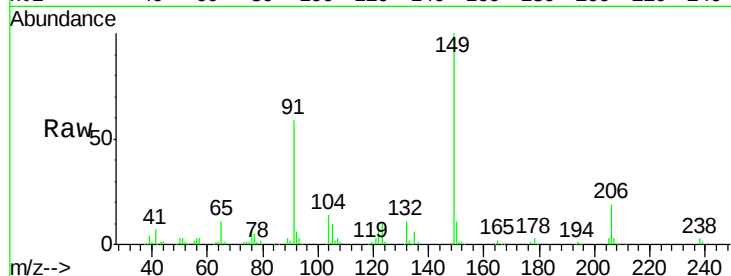
Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

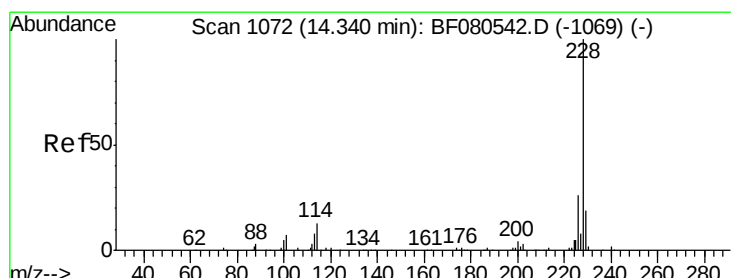
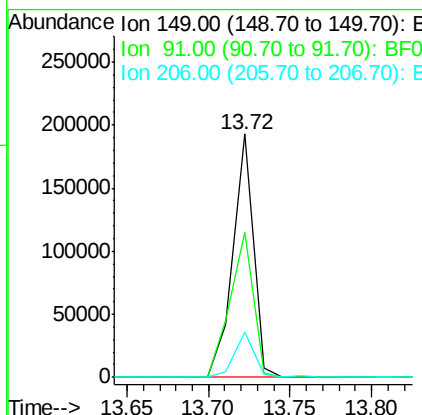
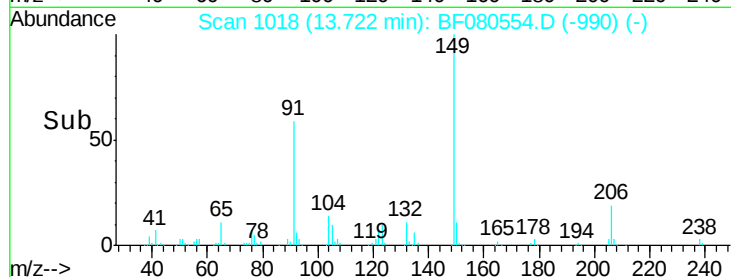
PB84537BS



Tgt Ion:	149	Resp:	166819
Ion Ratio	Lower	Upper	
149	100		
91	59.4	45.6	68.4
206	18.7	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 38.87 ng

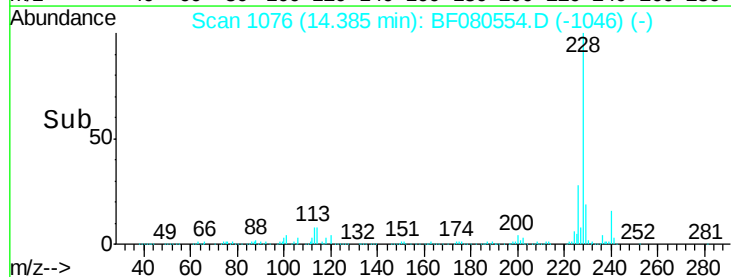
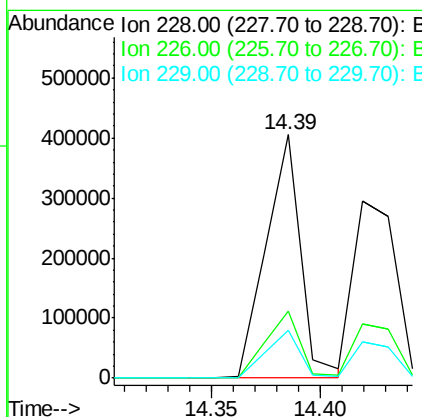
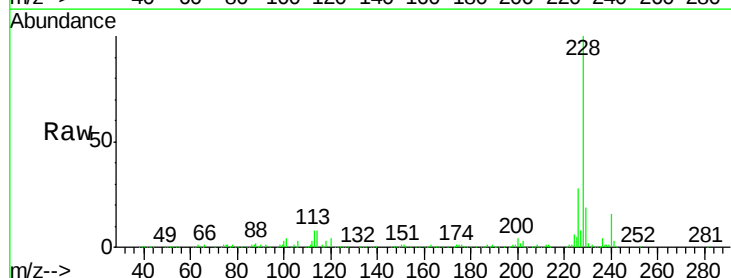
RT: 14.39 min Scan# 1076

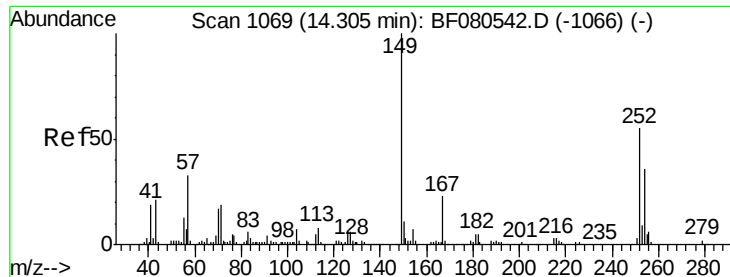
Delta R.T. 0.05 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	228	Resp:	452409
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.4	32.2
229	19.4	15.5	23.3





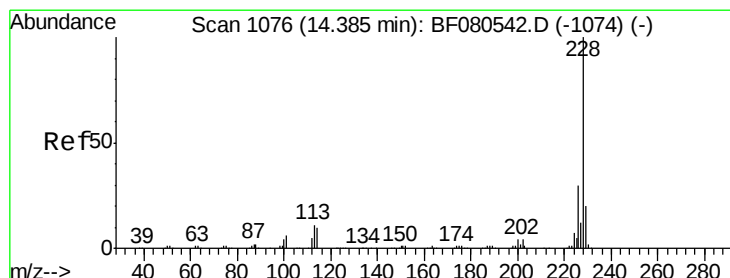
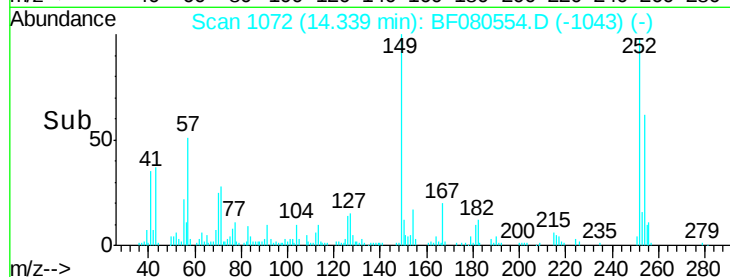
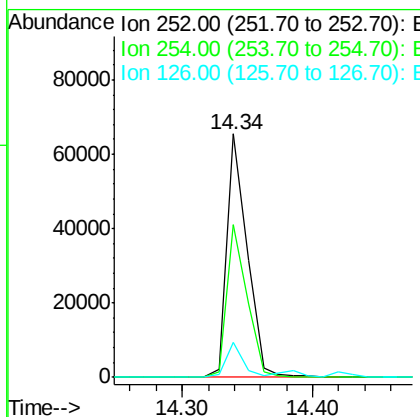
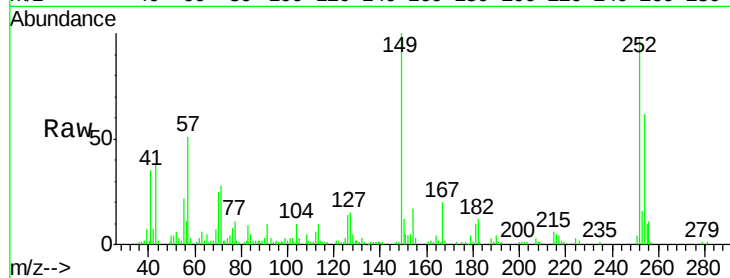
#81
 3,3'-Dichlorobenzidine
 Concen: 19.32 ng
 RT: 14.34 min Scan# 1072
 Delta R.T. 0.03 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.9	51.6	77.4
126	14.6	8.9	13.3

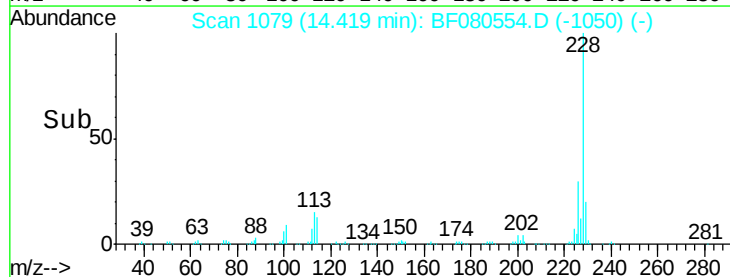
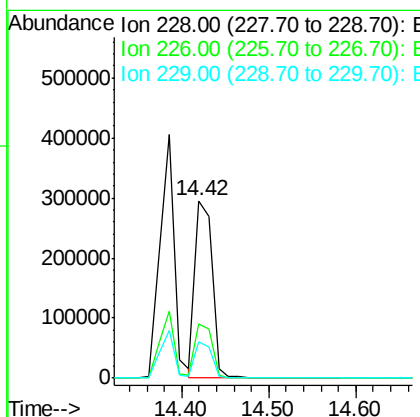
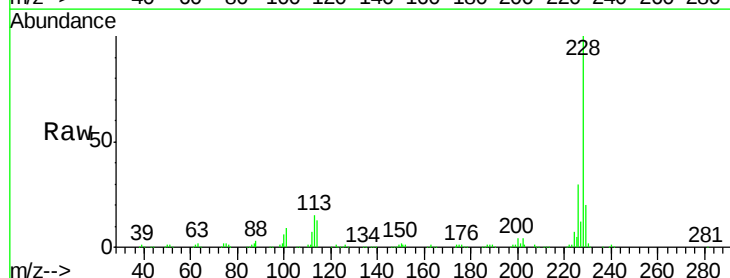
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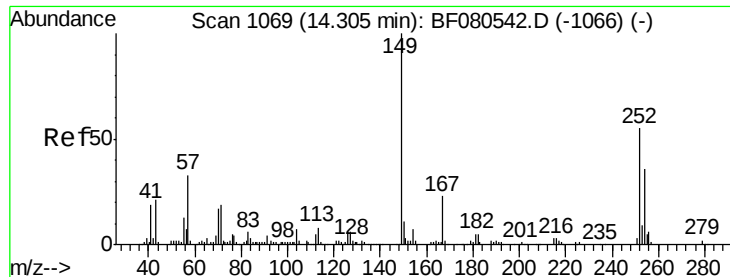
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#82
 Chrysene
 Concen: 34.80 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. 0.03 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.1	36.1
229	20.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.56 ng

RT: 14.35 min Scan# 1073

Delta R.T. 0.05 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

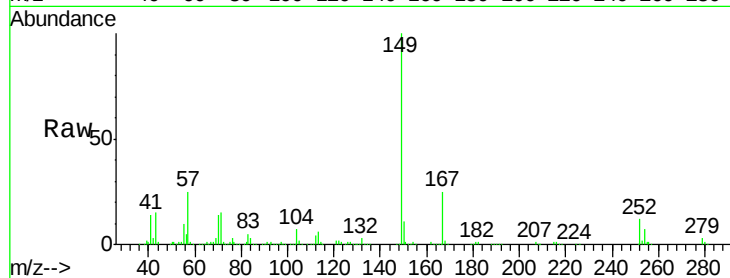
ClientSampleId :

PB84537BS

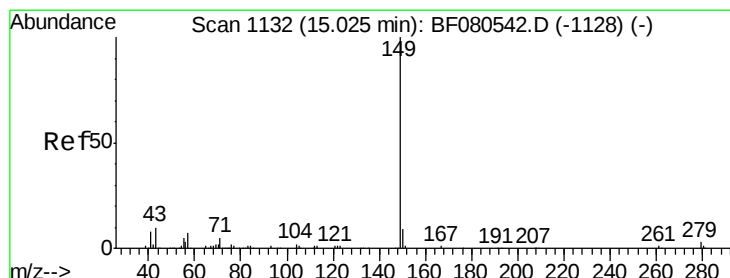
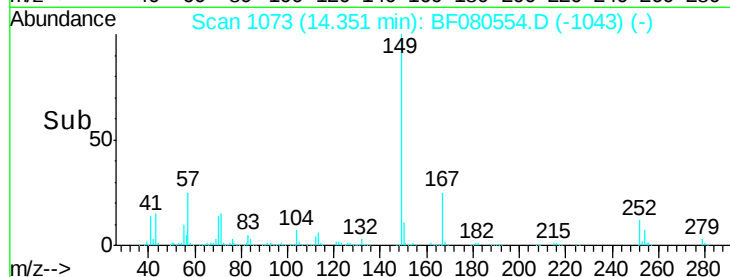
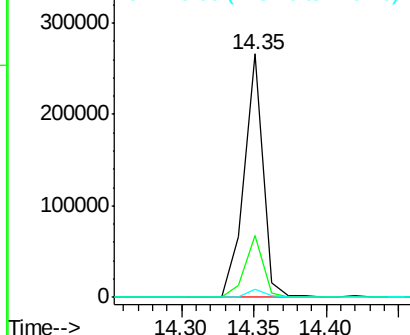
Tgt Ion:	149	Resp:	242049
Ion Ratio		Lower	Upper
149	100		
167	25.4	18.6	27.8
279	3.2	1.6	2.4#

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



#84

Di-n-octyl phthalate

Concen: 41.10 ng

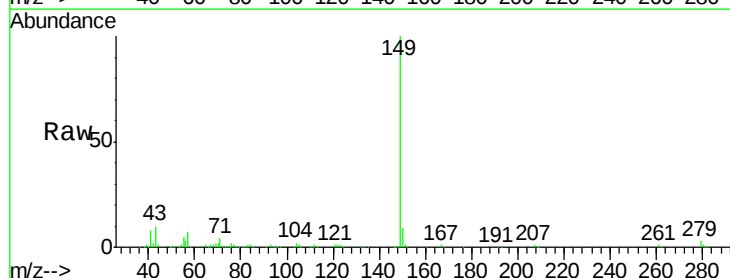
RT: 15.09 min Scan# 1138

Delta R.T. 0.07 min

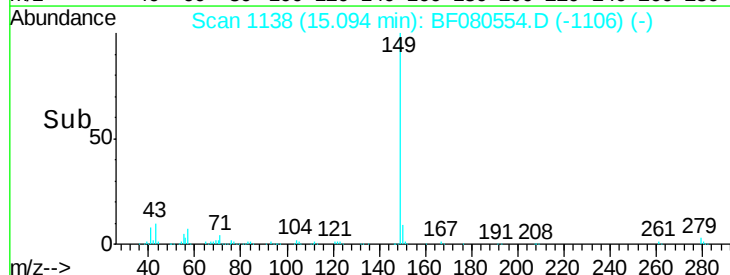
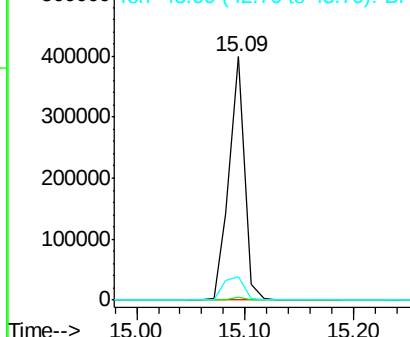
Lab File: BF080554.D

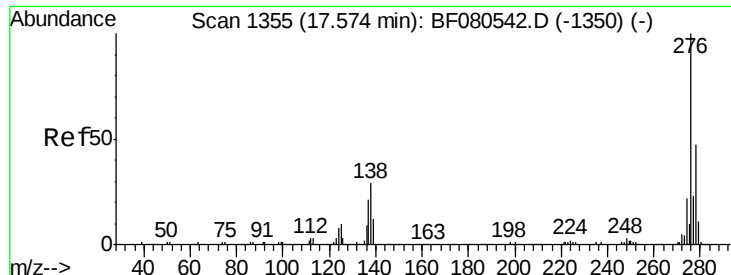
Acq: 18 Jul 2015 1:32

Tgt Ion:	149	Resp:	392355
Ion Ratio		Lower	Upper
149	100		
167	1.3	1.0	1.6
43	12.9	10.0	15.0



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





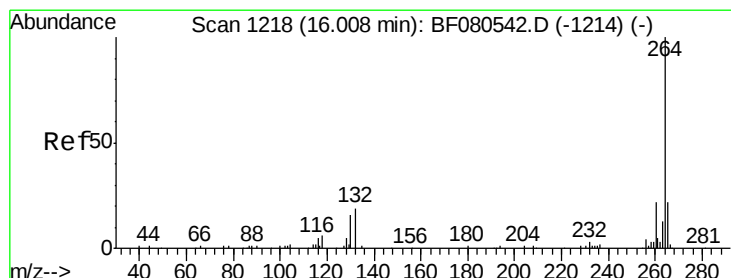
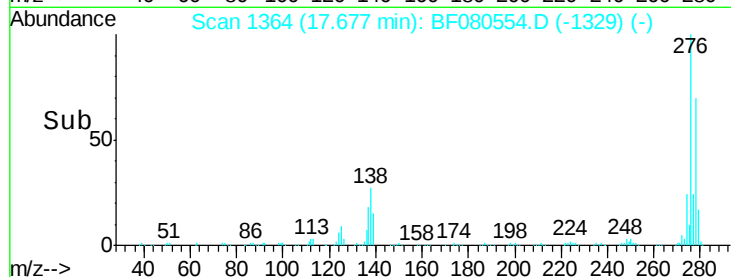
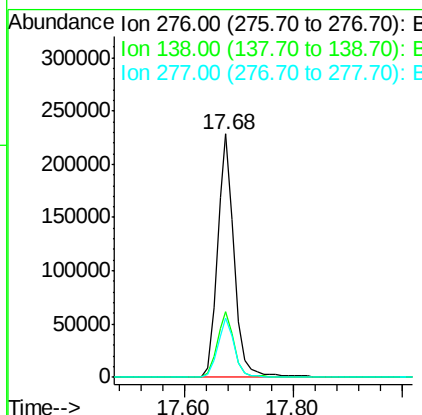
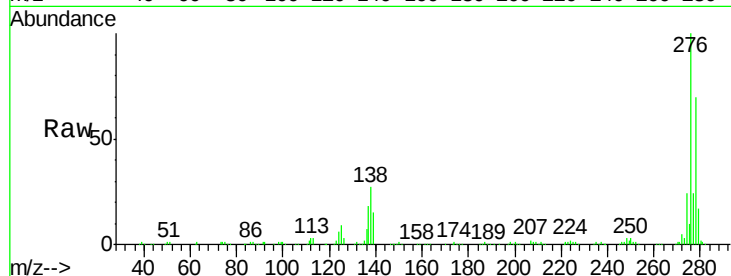
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.05 ng
 RT: 17.68 min Scan# 1364
 Delta R.T. 0.10 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 PB84537BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	493146		
138	27.5	23.9	35.9	
277	24.4	19.4	29.0	

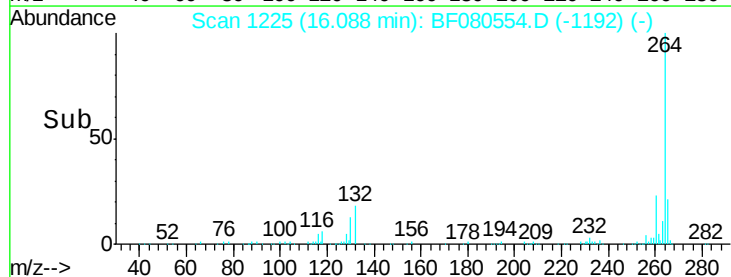
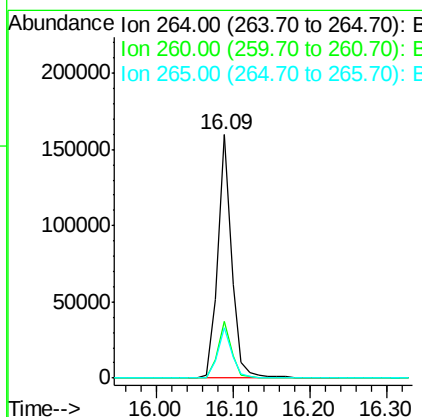
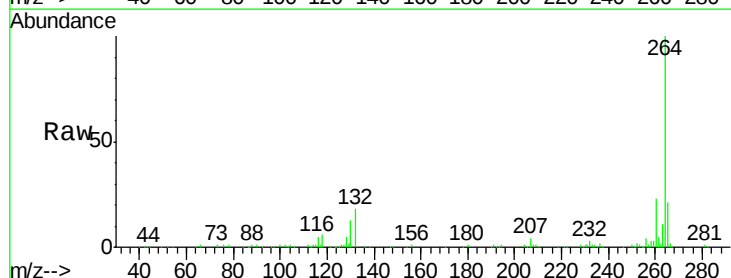
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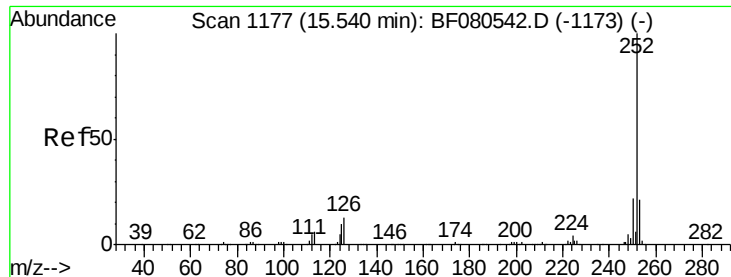
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 1225
 Delta R.T. 0.08 min
 Lab File: BF080554.D
 Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	202328		
260	23.3	17.8	26.8	
265	20.6	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 33.65 ng m

RT: 15.62 min Scan# 1184

Delta R.T. 0.08 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

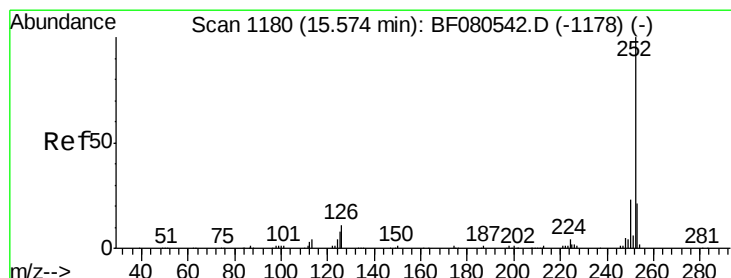
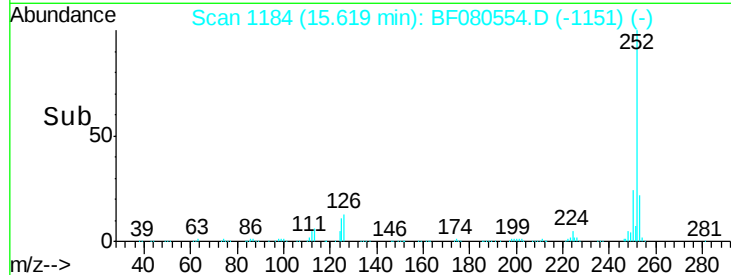
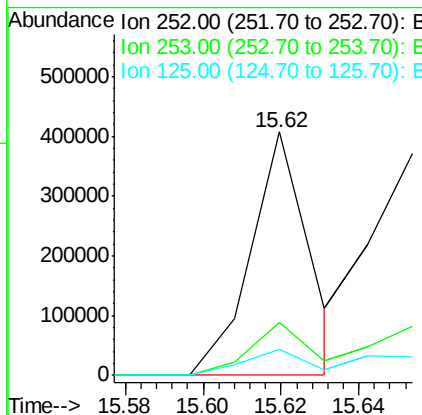
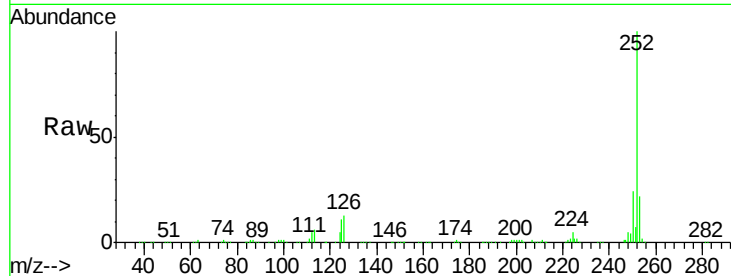
ClientSampleId :

PB84537BS

Tgt Ion:	252	Resp:	421992
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	10.5	8.1	12.1

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#88

Benzo(k)fluoranthene

Concen: 41.43 ng m

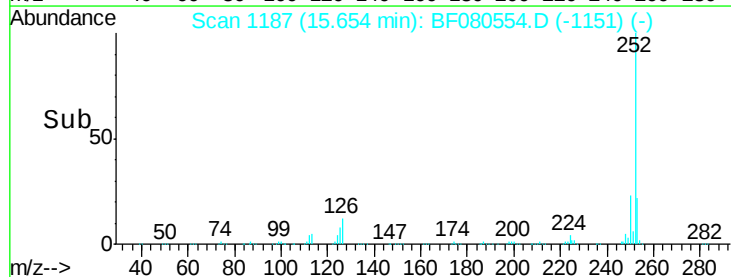
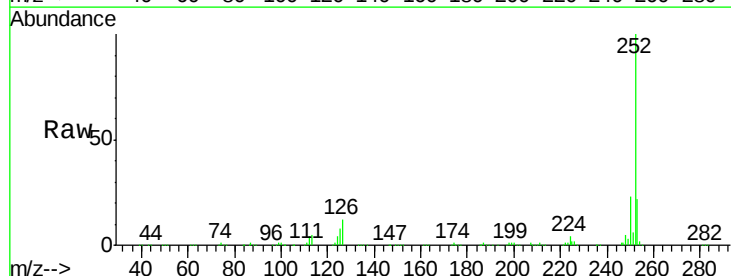
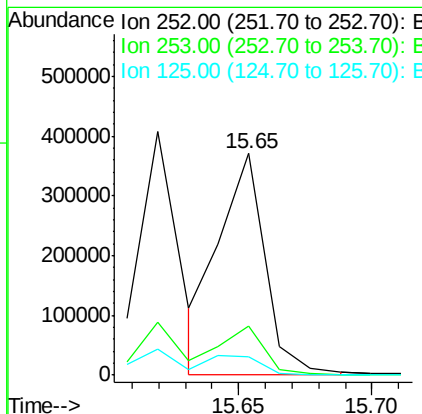
RT: 15.65 min Scan# 1187

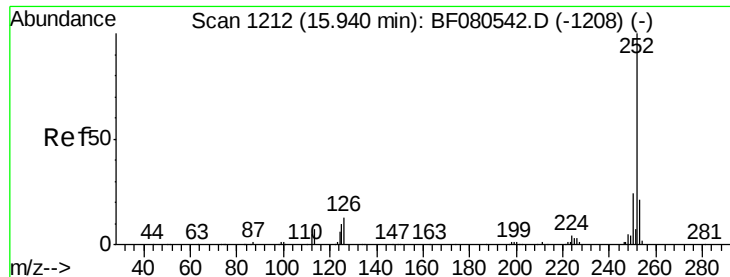
Delta R.T. 0.11 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Tgt Ion:	252	Resp:	449864
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.1	25.7
125	8.2	8.1	12.1





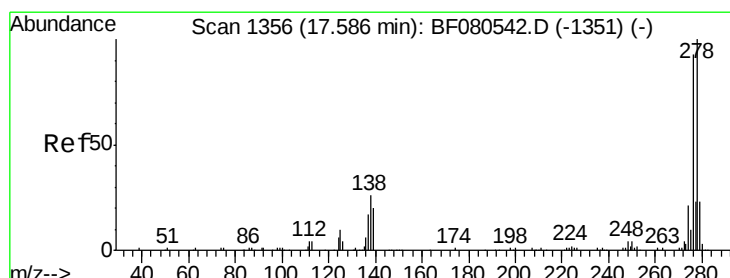
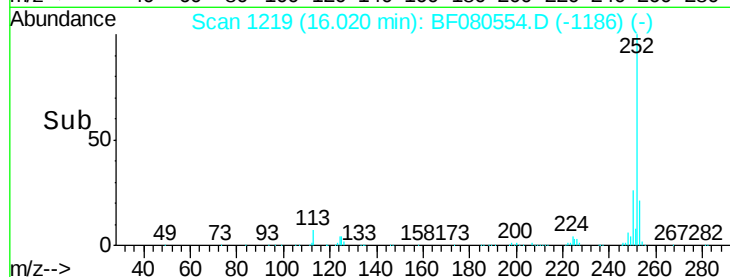
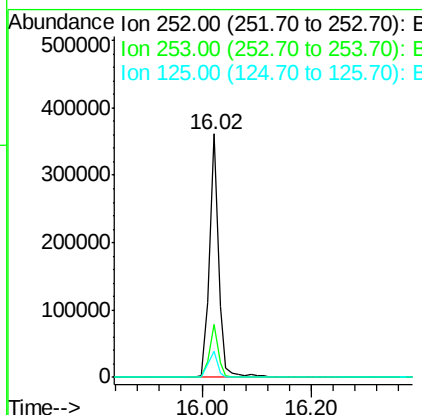
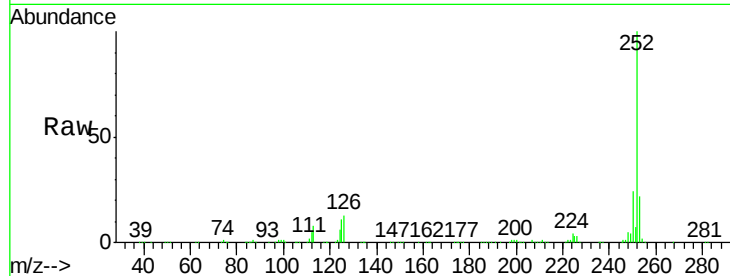
#89
Benzo(a)pyrene
Concen: 40.16 ng
RT: 16.02 min Scan# 1219
Delta R.T. 0.08 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Instrument :
BNA_F
ClientSampleId :
PB84537BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.9	8.1	12.1

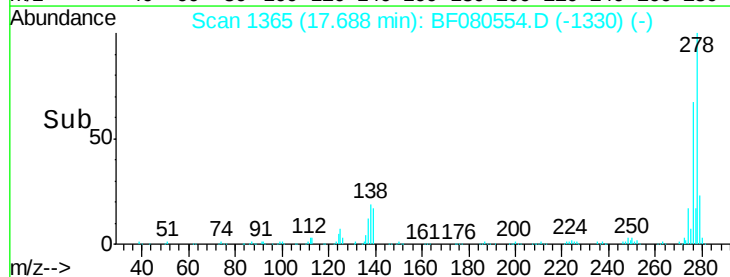
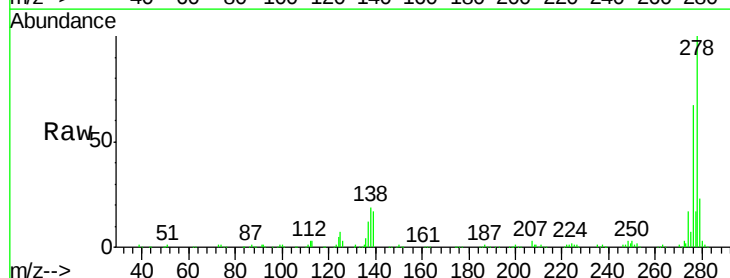
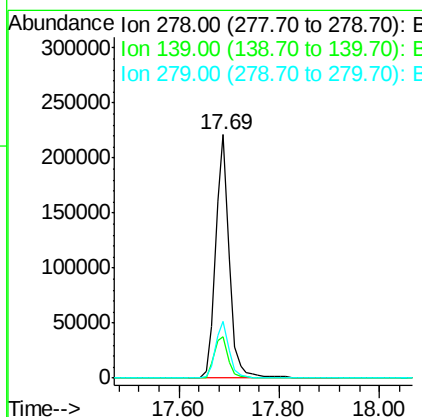
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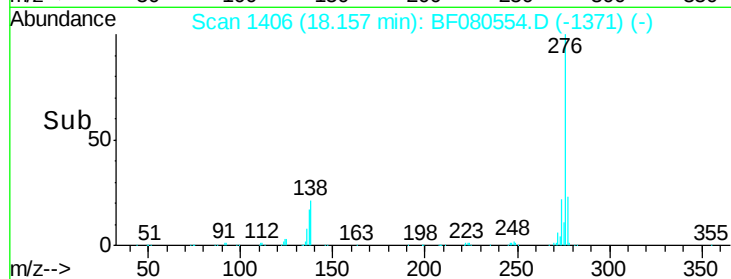
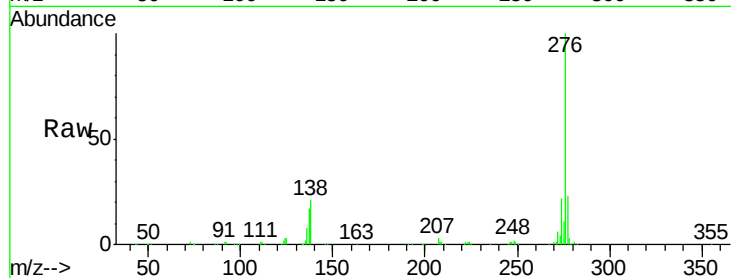
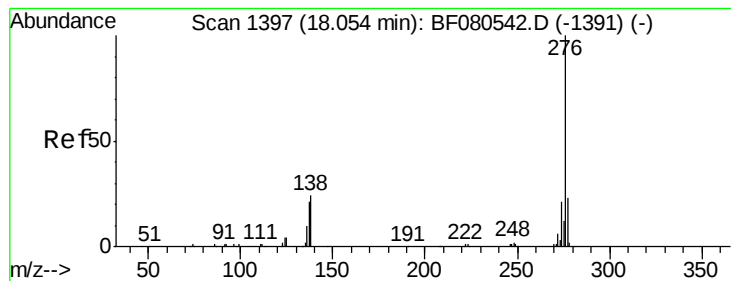
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#90
Dibenzo(a,h)anthracene
Concen: 39.62 ng
RT: 17.69 min Scan# 1365
Delta R.T. 0.10 min
Lab File: BF080554.D
Acq: 18 Jul 2015 1:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	16.2	24.2
279	23.3	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 40.14 ng

RT: 18.16 min Scan# 1406

Delta R.T. 0.10 min

Lab File: BF080554.D

Acq: 18 Jul 2015 1:32

Instrument :

BNA_F

ClientSampleId :

PB84537BS

Tgt Ion:	276	Resp:	426359
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.5	27.7
138	20.8	19.1	28.7

Manual Integrations
APPROVED

apatel
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