

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080398.D
 Acq On : 8 Jul 2015 20:19
 Operator : TP/UM
 Sample : G2866-10MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Manual Integrations
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 7/9/2015 2:19:54 PM

Quant Time: Jul 09 12:19:01 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.21	152	37768	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	117995	20.00	ng	0.01
38) Acenaphthene-d10	10.30	164	68759	20.00	ng	0.03
63) Phenanthrene-d10	11.81	188	87530	20.00	ng	0.03
75) Chrysene-d12	14.66	240	159434	20.00	ng	-0.18
86) Perylene-d12	16.45	264	164161	20.00	ng	-0.31

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	279928	135.74	ng	0.00
7) Phenol-d6	6.82	99	380697	139.27	ng	0.00
23) Nitrobenzene-d5	7.77	82	279404	138.11	ng	0.00
41) 2,4,6-Tribromophenol	11.10	330	77653	107.93	ng	0.05
44) 2-Fluorobiphenyl	9.60	172	259043	50.84	ng	0.02
78) Terphenyl-d14	13.45	244	431753	63.17	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	27421	28.16	ng	94
3) Pyridine	3.84	79	72374	29.21	ng	96
4) n-Nitrosodimethylamine	3.72	42	41326	35.50	ng	96
6) Aniline	6.88	93	90239	23.84	ng	96
8) 2-Chlorophenol	6.99	128	92891	38.86	ng	91
9) Benzaldehyde	6.75	77	56997	37.49	ng	88
10) Phenol	6.83	94	132257	44.62	ng	88
11) bis(2-Chloroethyl)ether	6.93	93	83946	37.54	ng	# 73
12) 1,3-Dichlorobenzene	7.15	146	100795	34.35	ng	97
13) 1,4-Dichlorobenzene	7.23	146	94984	34.66	ng	# 89
14) 1,2-Dichlorobenzene	7.39	146	91384m	32.95	ng	
15) Benzyl Alcohol	7.33	79	129522	61.21	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	7.48	45	123364	34.12	ng	75
17) 2-Methylphenol	7.45	107	75682	40.85	ng	# 88
18) Hexachloroethane	7.74	117	181196	205.78	ng	# 1
19) n-Nitroso-di-n-propylamine	7.61	70	85604	48.26	ng	# 89
20) 3+4-Methylphenols	7.60	107	100021	38.73	ng	91
22) Acetophenone	7.61	105	111420	40.93	ng	# 63
24) Nitrobenzene	7.79	77	121164	59.62	ng	# 76
25) Isophorone	8.03	82	378167	97.12	ng	# 29
26) 2-Nitrophenol	8.11	139	52962	60.22	ng	# 1
27) 2,4-Dimethylphenol	8.13	122	116907	67.57	ng	# 86
28) bis(2-Chloroethoxy)methane	8.24	93	101003	41.77	ng	# 1
29) 2,4-Dichlorophenol	8.35	162	88881	57.85	ng	# 64
30) 1,2,4-Trichlorobenzene	8.45	180	79760	43.68	ng	# 96
31) Naphthalene	8.53	128	520194	85.95	ng	# 59
32) Benzoic acid	8.30	122	22778	29.25	ng	# 24
33) 4-Chloroaniline	8.57	127	92474	38.33	ng	# 3
34) Hexachlorobutadiene	8.66	225	38410	34.58	ng	99
35) Caprolactam	8.94	113	236687	498.88	ng	# 53
36) 4-Chloro-3-methylphenol	9.05	107	75560	47.67	ng	# 86
37) 2-Methylnaphthalene	9.24	142	118790	30.79	ng	# 69
39) 1,2,4,5-Tetrachlorobenzene	9.42	216	54456	24.99	ng	# 63
40) Hexachlorocyclopentadiene	9.40	237	24486	31.70	ng	93

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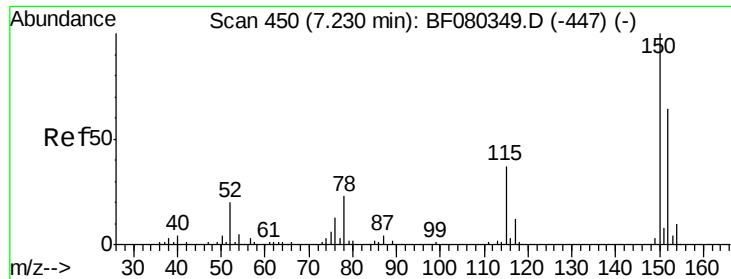
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	39246	27.34	ng	88
43) 2,4,5-Trichlorophenol	9.55	196	36723	21.95	ng #	1
45) 1,1'-Biphenyl	9.71	154	130281	21.35	ng	92
46) 2-Chloronaphthalene	9.73	162	100640	21.63	ng #	55
47) 2-Nitroaniline	9.81	65	34128	26.21	ng #	79
48) Acenaphthylene	10.17	152	240484	31.05	ng #	38
49) Dimethylphthalate	10.00	163	111409	20.18	ng #	85
50) 2,6-Dinitrotoluene	10.08	165	37369	32.38	ng #	79
51) Acenaphthene	10.34	154	289329	62.40	ng #	65
52) 3-Nitroaniline	10.22	138	35798	27.53	ng #	79
53) 2,4-Dinitrophenol	10.38	184	13731	32.38	ng #	1
54) Dibenzofuran	10.51	168	288606	43.78	ng #	1
55) 4-Nitrophenol	10.37	139	21568	22.63	ng #	38
56) 2,4-Dinitrotoluene	10.51	165	149491	100.72	ng #	67
57) Fluorene	10.86	166	482886	85.07	ng #	85
58) 2,3,4,6-Tetrachlorophenol	10.65	232	25620	19.12	ng #	1
59) Diethylphthalate	10.70	149	124521	22.58	ng #	82
60) 4-Chlorophenyl-phenylether	10.85	204	50755	20.20	ng #	9
61) 4-Nitroaniline	10.84	138	31102m	24.64	ng	
62) Azobenzene	11.01	77	138653	26.47	ng #	1
64) 4,6-Dinitro-2-methylphenol	10.89	198	10583	23.77	ng #	1
65) n-Nitrosodiphenylamine	10.98	169	1102967	395.60	ng #	46
66) 4-Bromophenyl-phenylether	11.34	248	37956	37.85	ng #	36
67) Hexachlorobenzene	11.46	284	42079	40.01	ng #	70
68) Atrazine	11.48	200	54250	65.36	ng #	66
69) Pentachlorophenol	11.62	266	42228	81.19	ng	96
70) Phenanthrene	11.85	178	1779019	338.86	ng #	95
71) Anthracene	11.89	178	437315	84.95	ng #	85
72) Carbazole	12.03	167	185387	38.61	ng #	68
73) Di-n-butylphthalate	12.35	149	195387	35.58	ng #	83
74) Fluoranthene	13.08	202	803358	142.41	ng	98
76) Benzidine	13.17	184	134710m	33.31	ng	
77) Pyrene	13.31	202	782417m	81.14	ng	
79) Butylbenzylphthalate	13.96	149	163637	42.52	ng	98
80) Benzo(a)anthracene	14.65	228	550883	57.33	ng	99
81) 3,3'-Dichlorobenzidine	14.59	252	94732	29.73	ng #	96
82) Chrysene	14.69	228	479809	53.37	ng	99
83) Bis(2-ethylhexyl)phthalate	14.63	149	282598	48.18	ng	99
84) Di-n-octyl phthalate	15.40	149	453998	46.86	ng	99
85) Indeno(1,2,3-cd)pyrene	18.21	276	457152	43.24	ng	95
87) Benzo(b)fluoranthene	15.95	252	488482	47.35	ng	100
88) Benzo(k)fluoranthene	15.99	252	431945m	44.23	ng	
89) Benzo(a)pyrene	16.39	252	456088	48.34	ng	98
90) Dibenzo(a,h)anthracene	18.23	278	360219	38.77	ng	97
91) Benzo(g,h,i)perylene	18.74	276	384005	40.76	ng	99

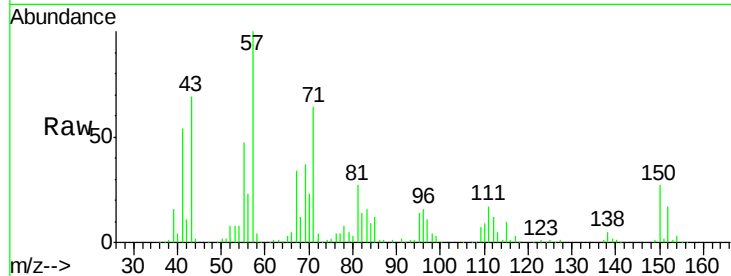
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

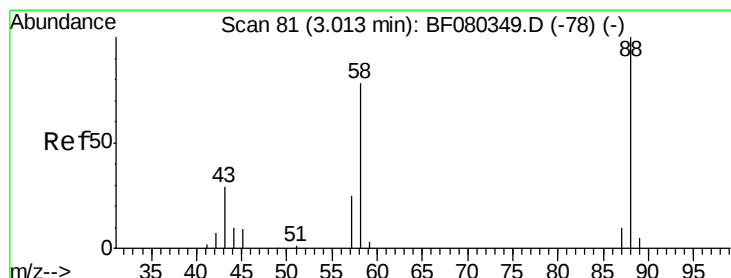
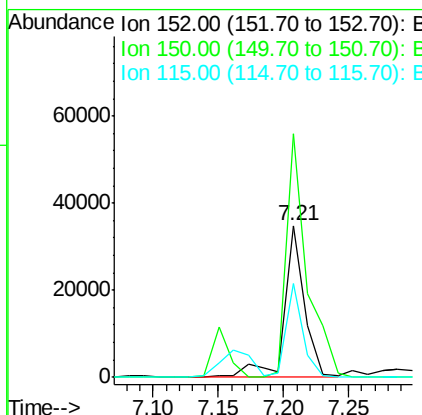
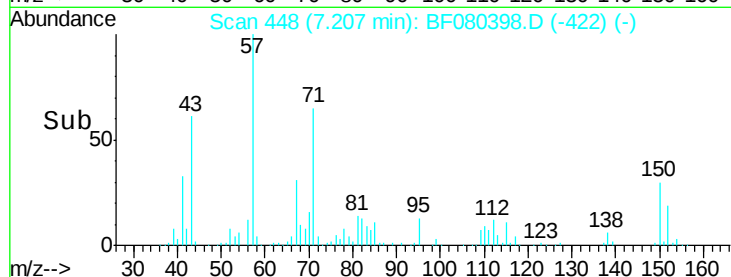
Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.7	187.1
115	61.5	45.7	68.5

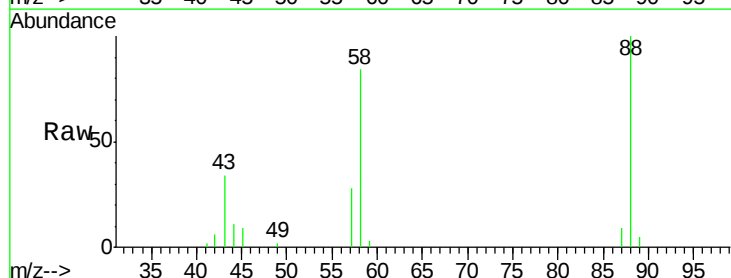
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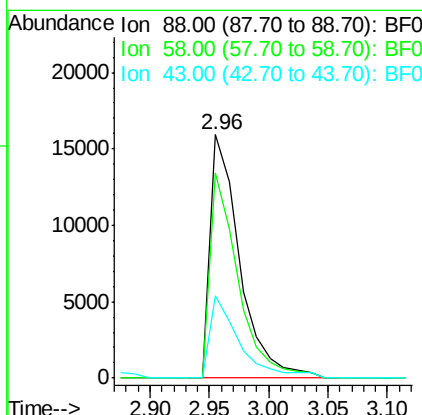
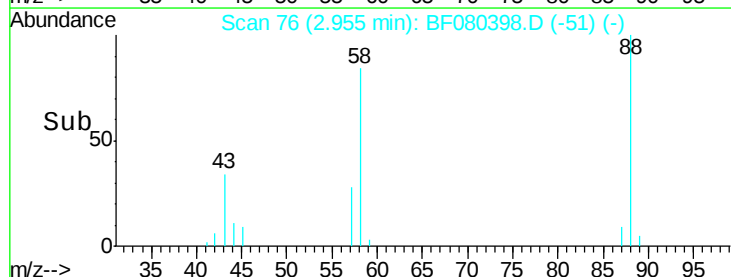


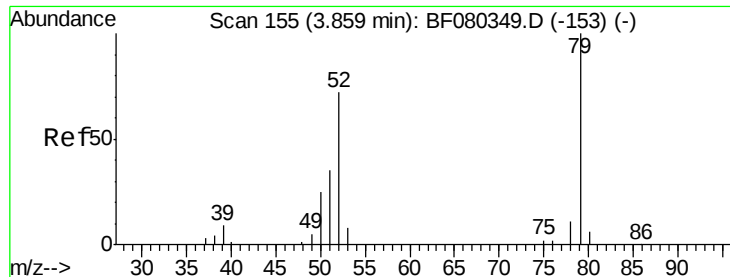
#2

1,4-Dioxane
Concen: 28.16 ng
RT: 2.96 min Scan# 76
Delta R.T. -0.01 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19



Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.3	61.0	91.6
43	33.8	23.4	35.0





#3

Pyridine

Concen: 29.21 ng

RT: 3.84 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

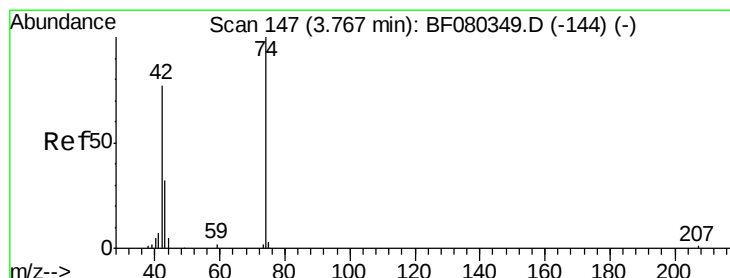
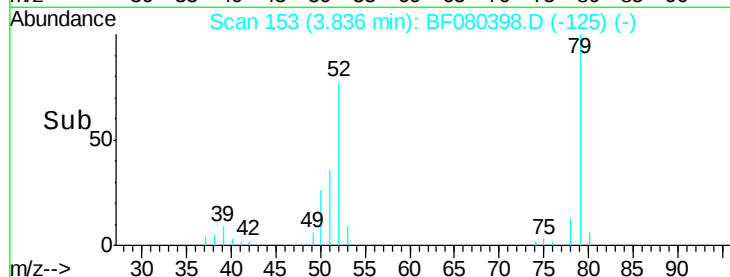
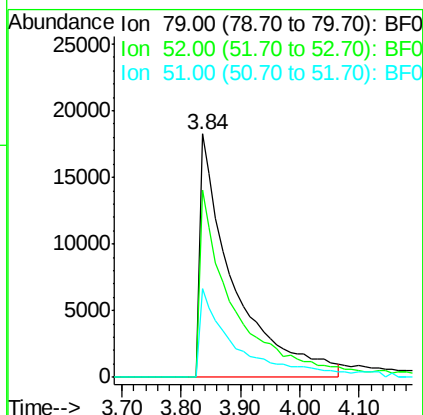
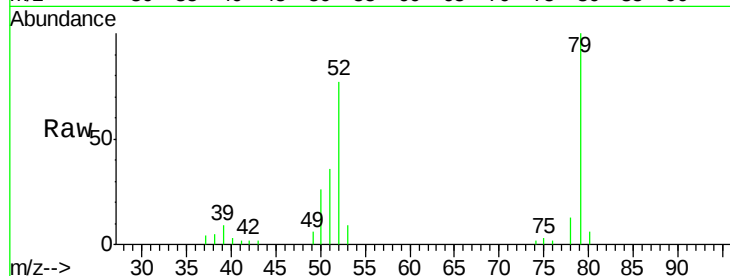
ClientSampleId :

SB-04-6.5-7.0-070115MS

Tgt Ion:	79	Resp:	72374
Ion	Ratio	Lower	Upper
79	100		
52	76.9	57.2	85.8
51	36.4	29.4	44.0

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#4

n-Nitrosodimethylamine

Concen: 35.50 ng

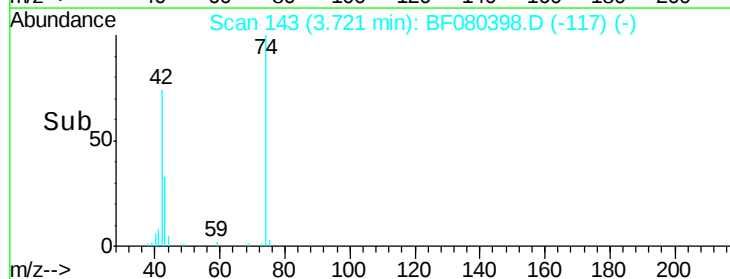
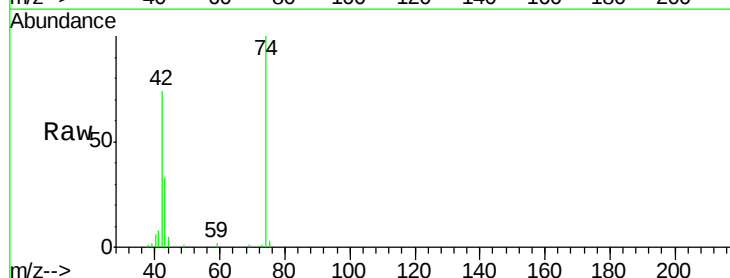
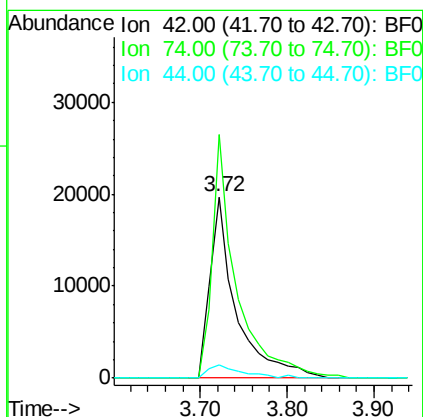
RT: 3.72 min Scan# 143

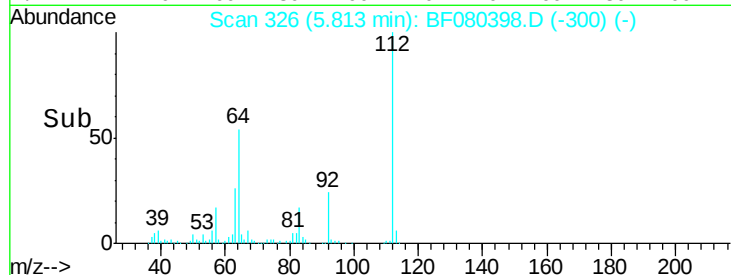
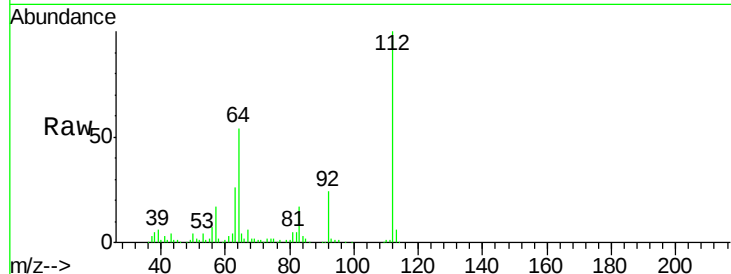
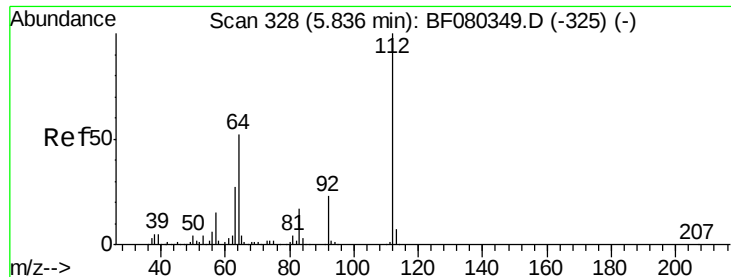
Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion:	42	Resp:	41326
Ion	Ratio	Lower	Upper
42	100		
74	134.5	103.4	155.0
44	7.3	5.4	8.0





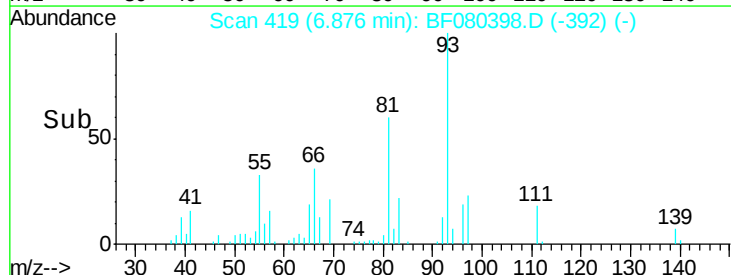
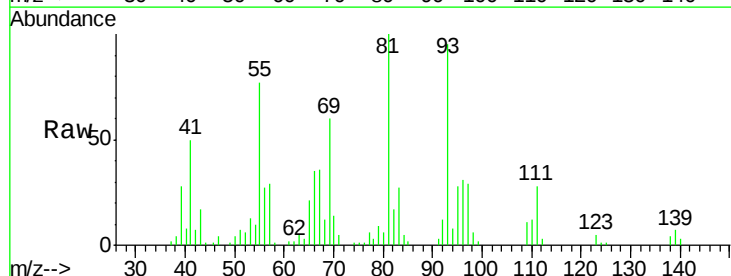
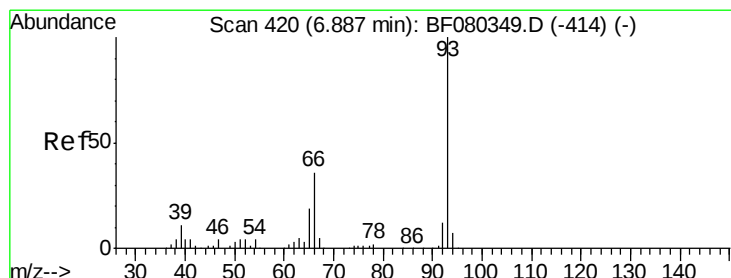
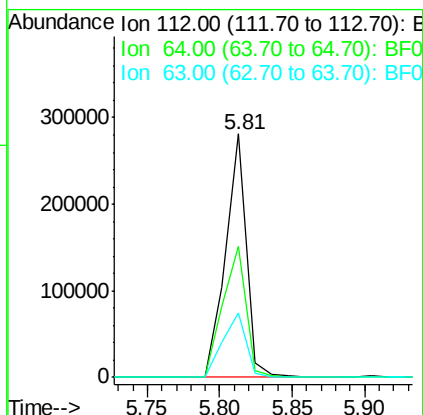
#5
2-Fluorophenol
Concen: 135.74 ng
RT: 5.81 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	279928		
64	53.6	41.8	62.6	
63	26.4	21.5	32.3	

Instrument :
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ClientSampleId :
SB-04-6.5-7.0-070115MS

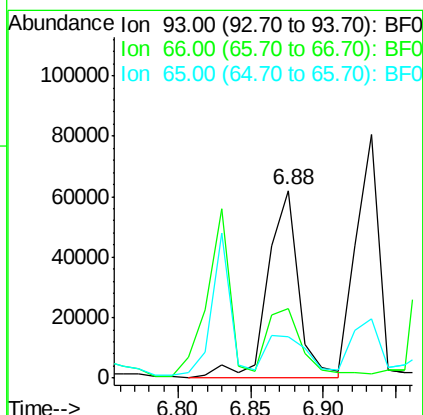
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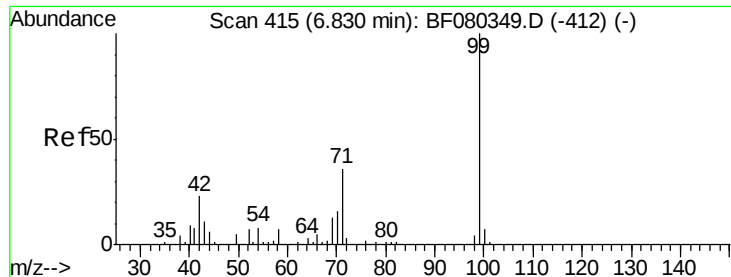
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#6
Aniline
Concen: 23.84 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	90239		
66	36.7	28.7	43.1	
65	22.0	14.8	22.2	





#7

Phenol-d6

Concen: 139.27 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115MS

Tgt Ion: 99 Resp: 380697

Ion Ratio Lower Upper

99 100

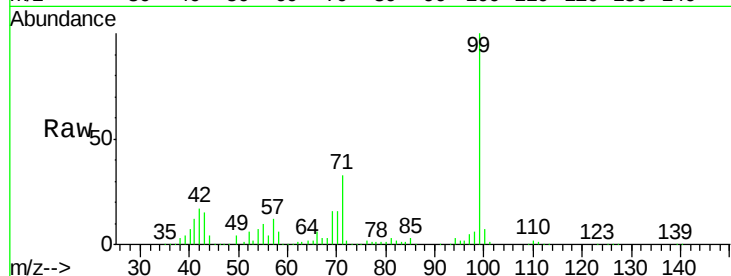
42 17.3 18.5 27.7#

71 32.8 28.5 42.7

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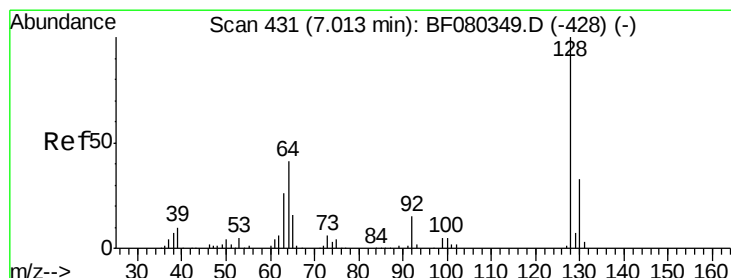
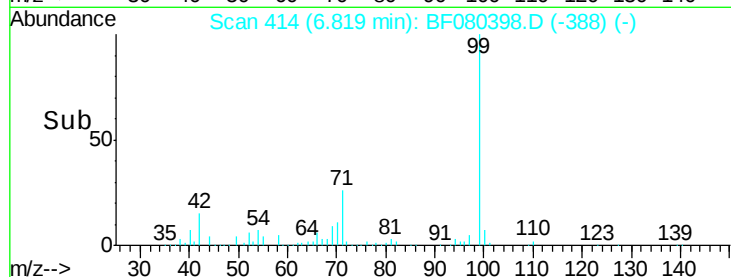
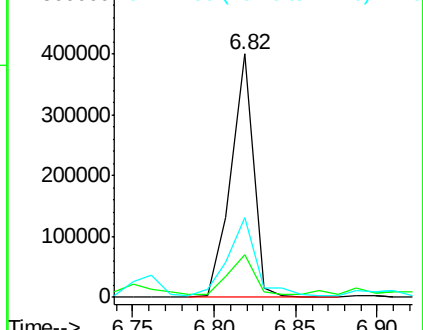
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.86 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

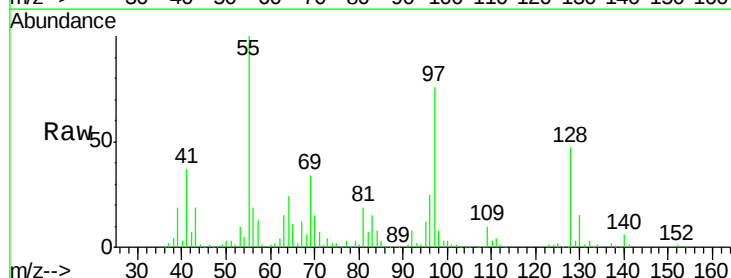
Tgt Ion: 128 Resp: 92891

Ion Ratio Lower Upper

128 100

130 31.4 12.8 52.8

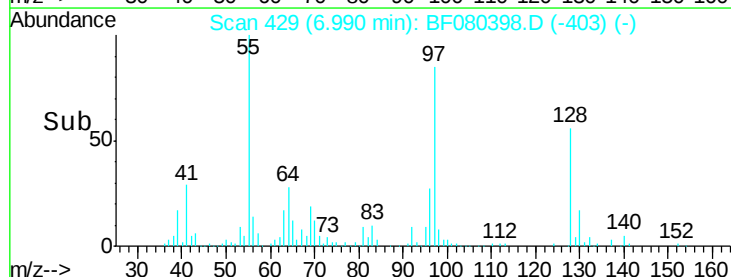
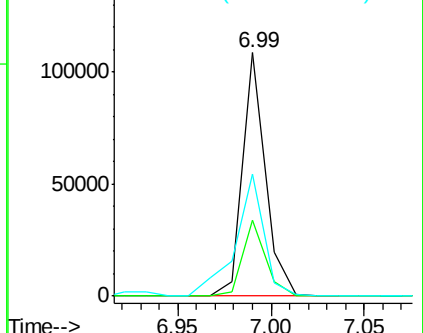
64 50.1 21.1 61.1

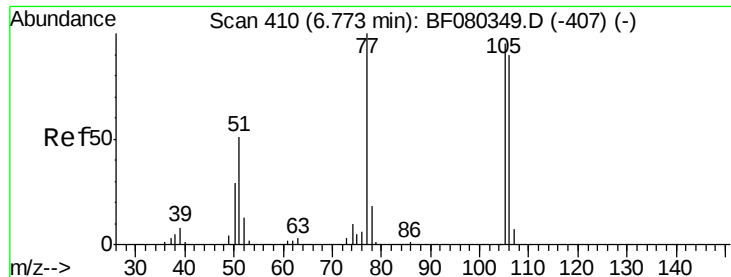


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.49 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

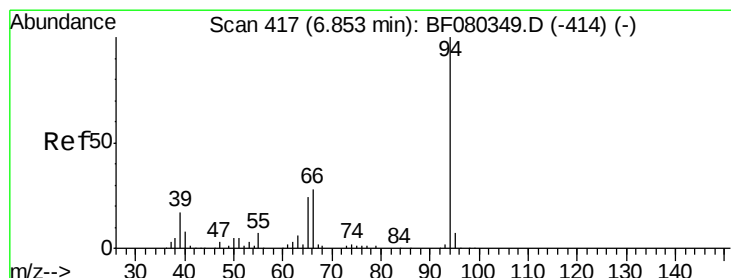
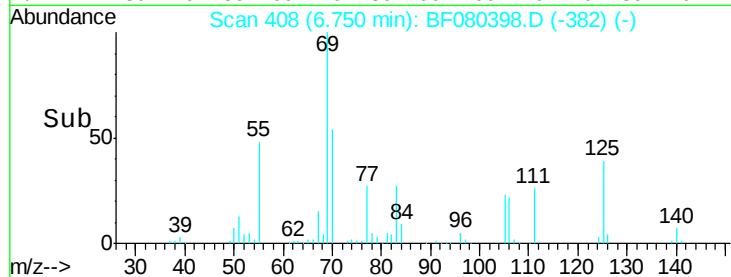
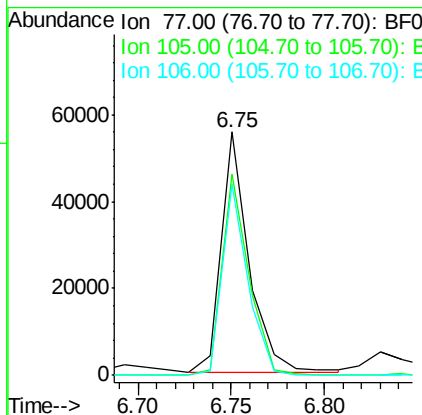
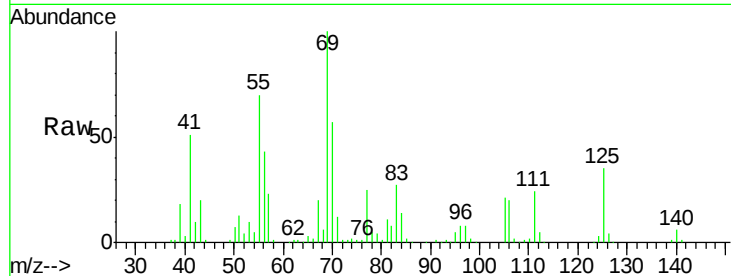
ClientSampleId :

SB-04-6.5-7.0-070115MS

Tgt Ion:	77	Resp:	56997
Ion Ratio	Lower	Upper	
77	100		
105	82.6	75.2	115.2
106	78.7	69.9	109.9

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#10

Phenol

Concen: 44.62 ng

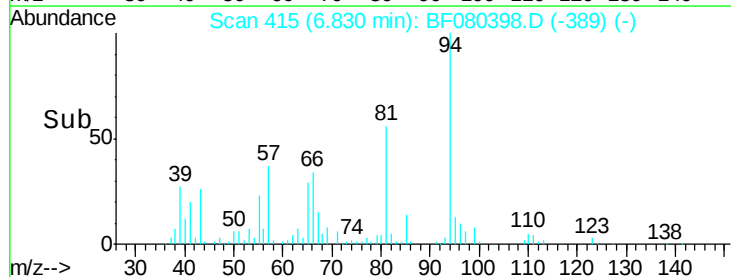
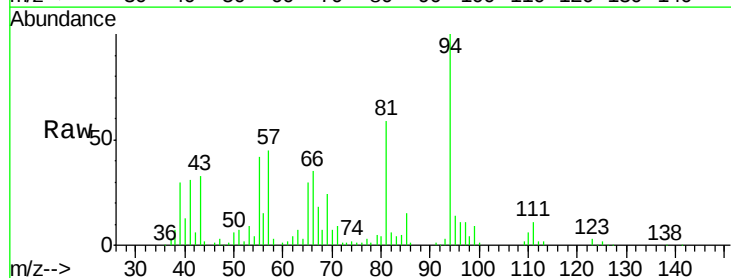
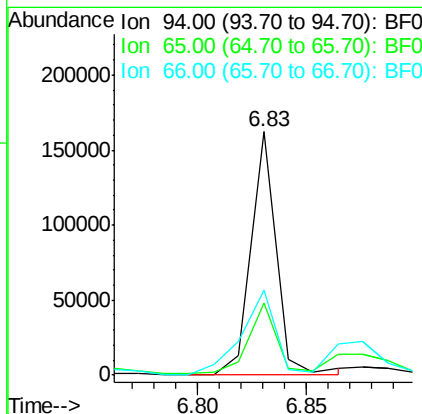
RT: 6.83 min Scan# 415

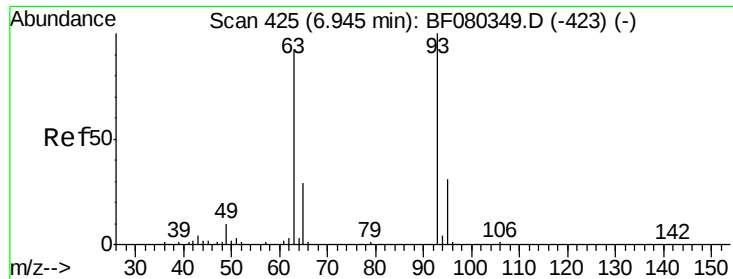
Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion:	94	Resp:	132257
Ion Ratio	Lower	Upper	
94	100		
65	29.6	3.5	43.5
66	34.6	8.5	48.5





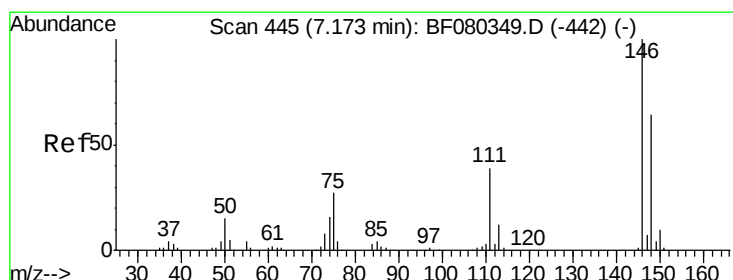
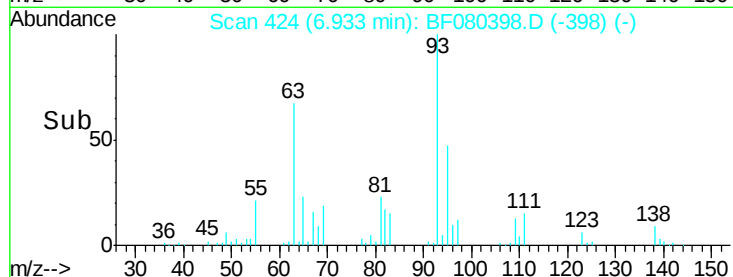
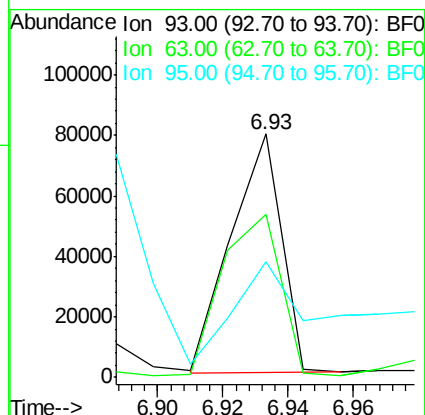
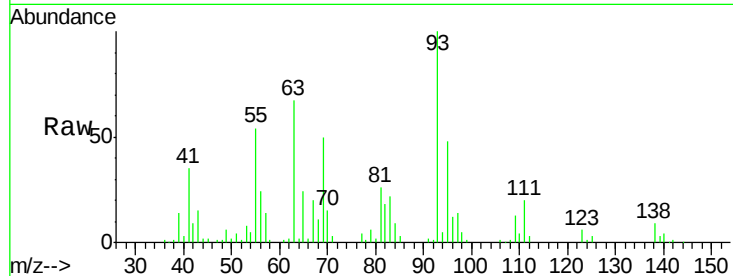
#11
bis(2-Chloroethyl)ether
Concen: 37.54 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.9	71.3	111.3#
95	47.7	11.3	51.3

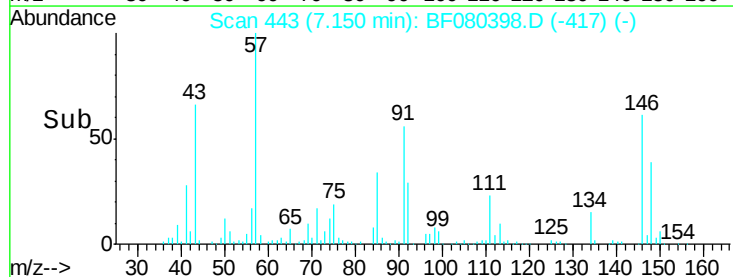
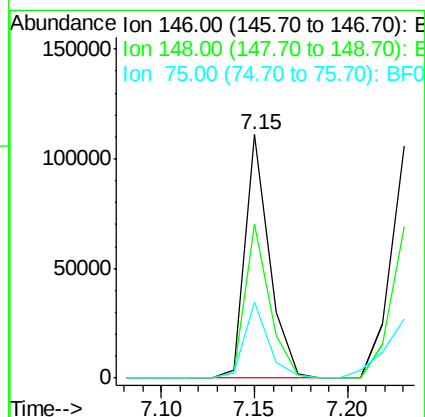
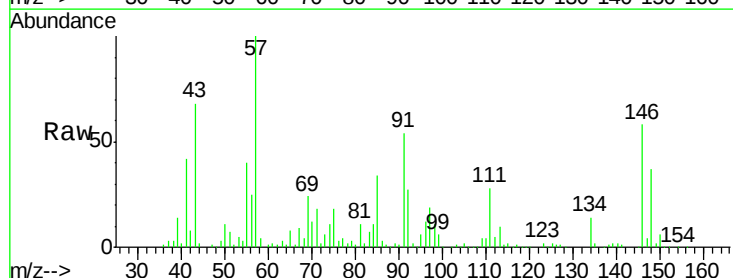
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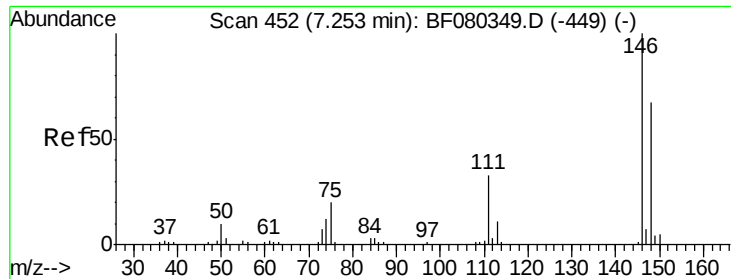
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#12
1,3-Dichlorobenzene
Concen: 34.35 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	31.2	21.5	32.3





#13

1,4-Dichlorobenzene

Concen: 34.66 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080398.D

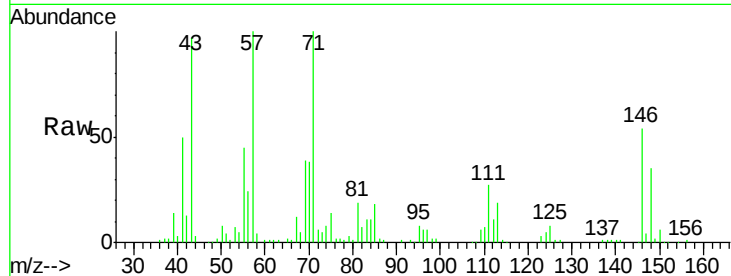
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

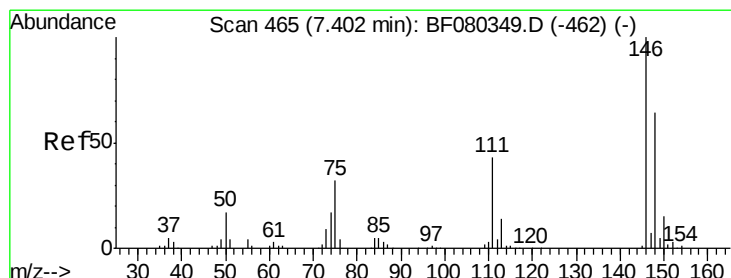
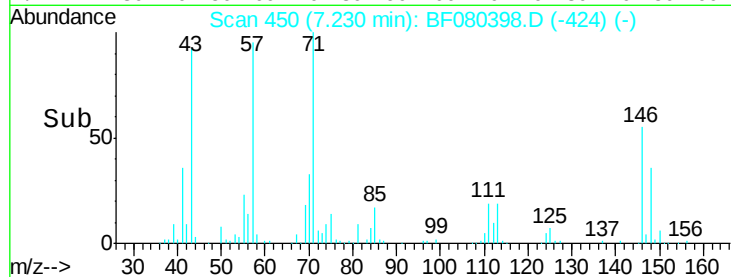
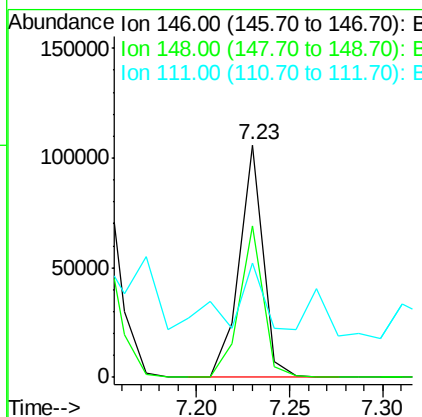
SB-04-6.5-7.0-070115MS



Tgt Ion:	146	Resp:	94984
Ion Ratio	Lower	Upper	
146	100		
148	65.3	53.4	80.0
111	49.1	26.2	39.2#

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#14

1,2-Dichlorobenzene

Concen: 32.95 ng m

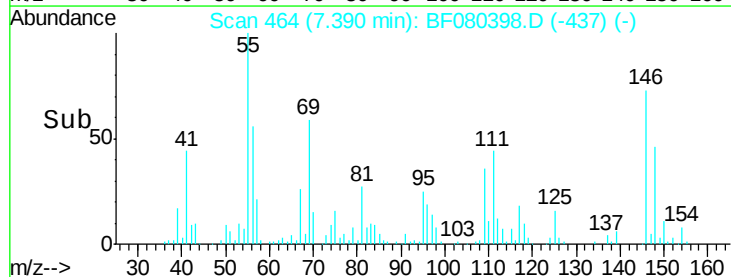
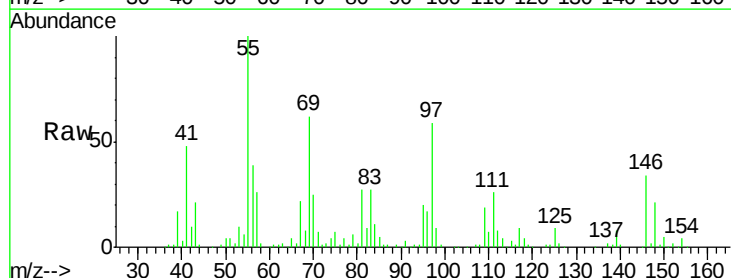
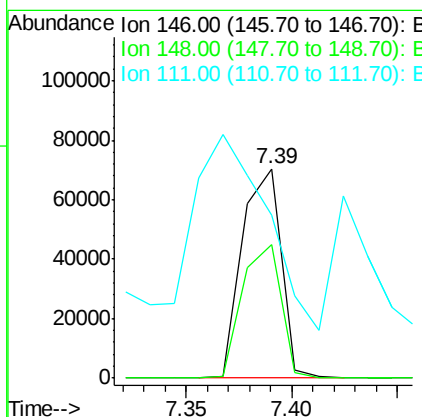
RT: 7.39 min Scan# 464

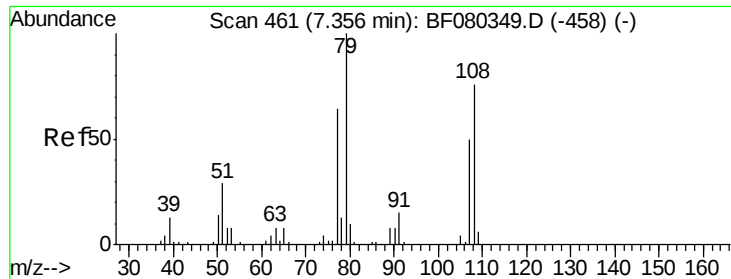
Delta R.T. 0.01 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion:	146	Resp:	91384
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.3	76.9
111	78.2	34.6	52.0#





#15

Benzyl Alcohol

Concen: 61.21 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

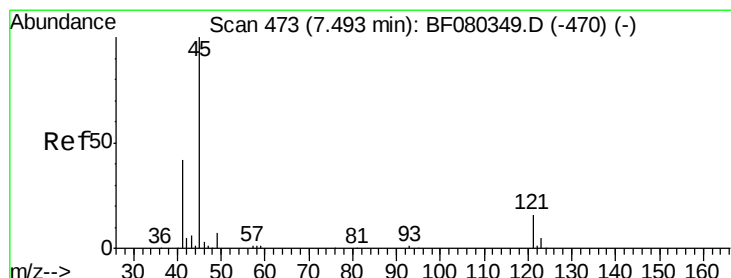
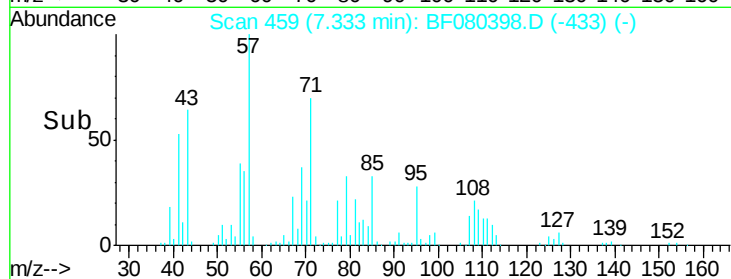
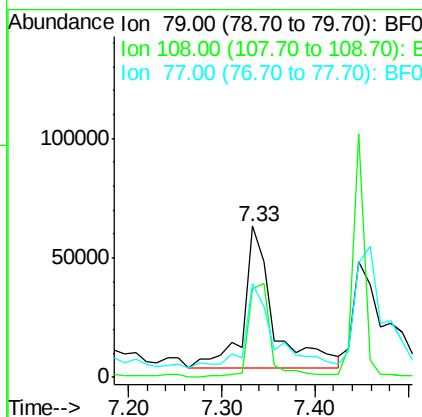
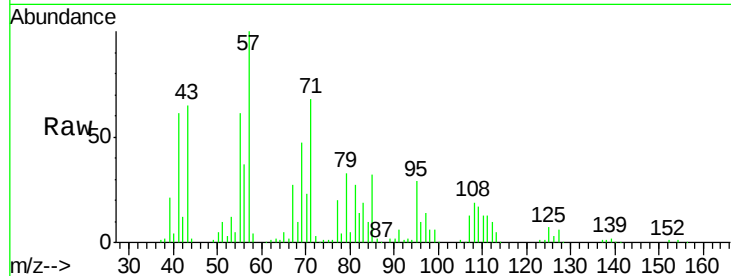
ClientSampleId :

SB-04-6.5-7.0-070115MS

Tgt Ion:	79	Resp:	129522
Ion Ratio	Lower	Upper	
79	100		
108	59.0	60.6	90.8#
77	62.4	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.12 ng

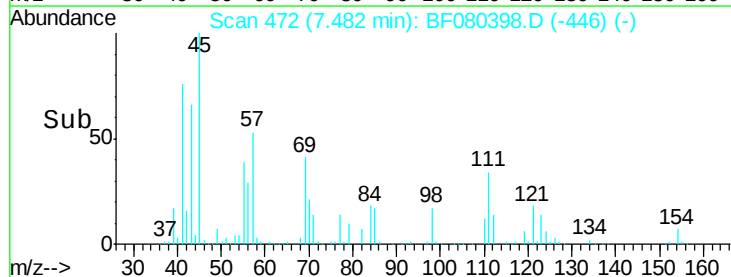
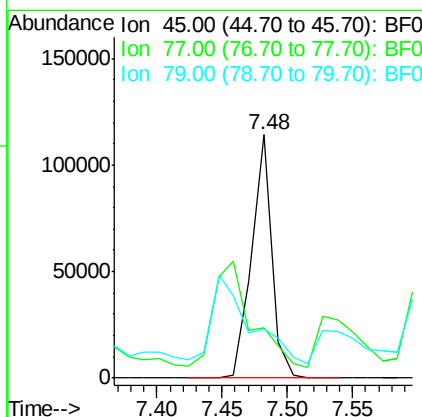
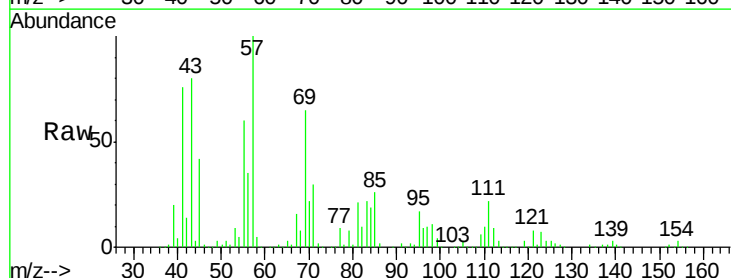
RT: 7.48 min Scan# 472

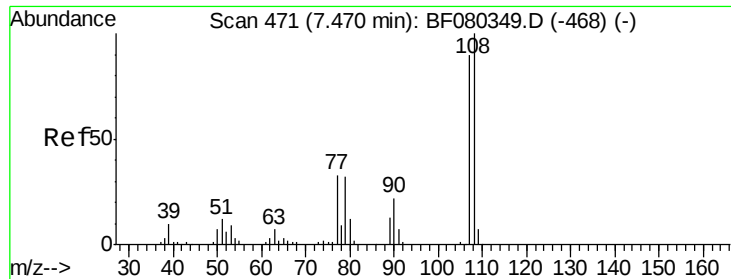
Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

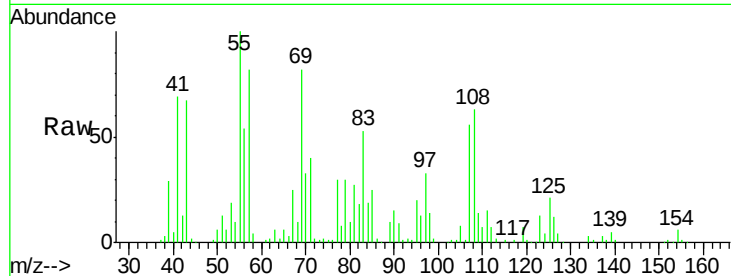
Tgt Ion:	45	Resp:	123364
Ion Ratio	Lower	Upper	
45	100		
77	20.8	0.0	31.9
79	20.0	0.0	29.7





#17
2-Methylphenol
Concen: 40.85 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

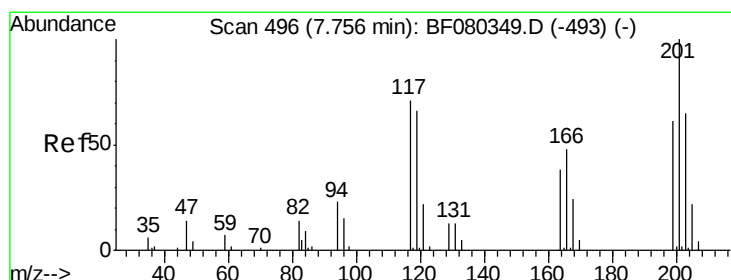
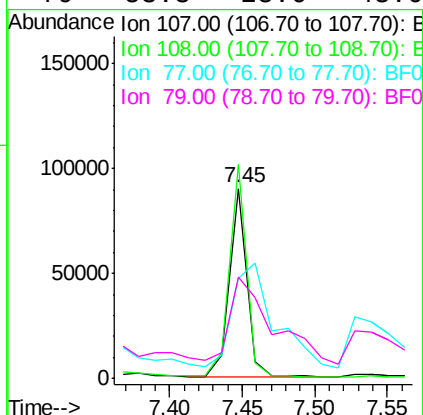
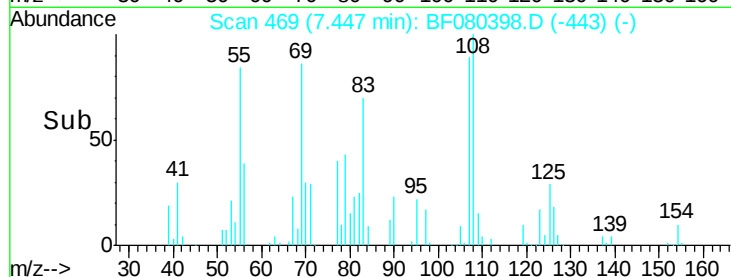
Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS



Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.4	89.3	133.9
77	52.7	29.5	44.3
79	53.3	28.6	43.0

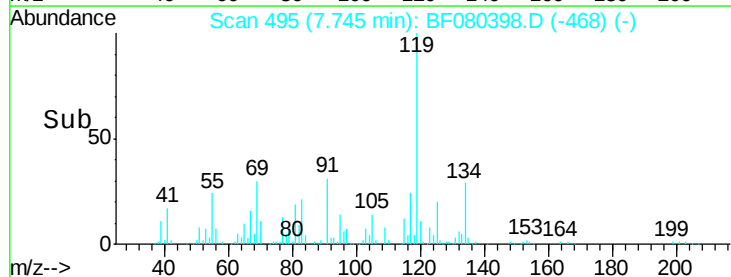
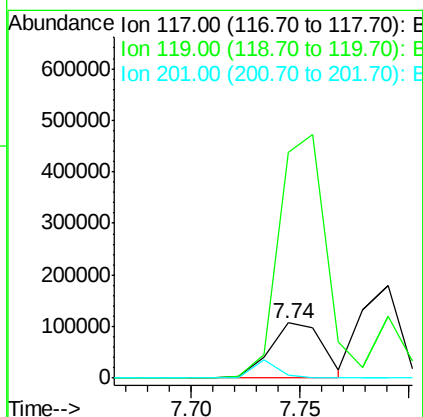
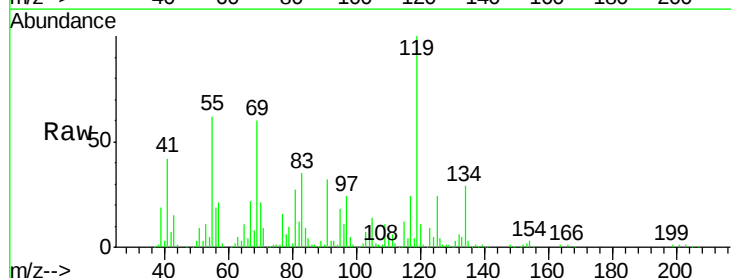
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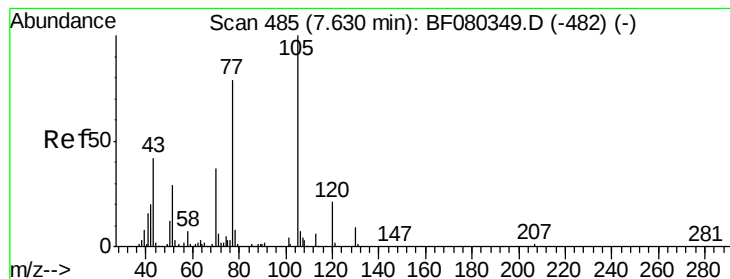
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#18
Hexachloroethane
Concen: 205.78 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	411.1	74.2	111.4
201	5.7	112.4	168.6





#19

n-Nitroso-di-n-propylamine

Concen: 48.26 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF080398.D

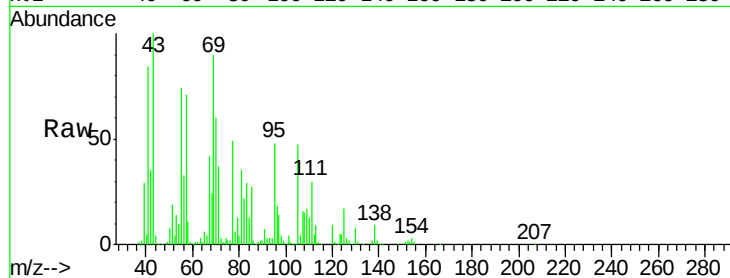
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 85604

Ion Ratio Lower Upper

70 100

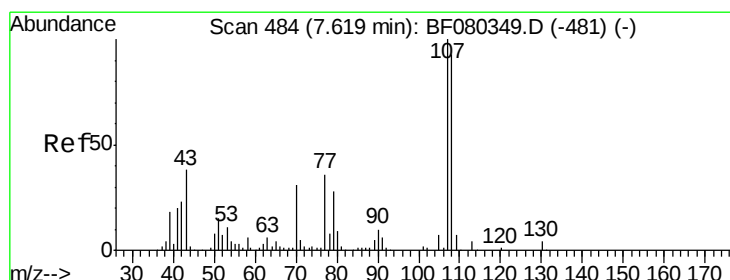
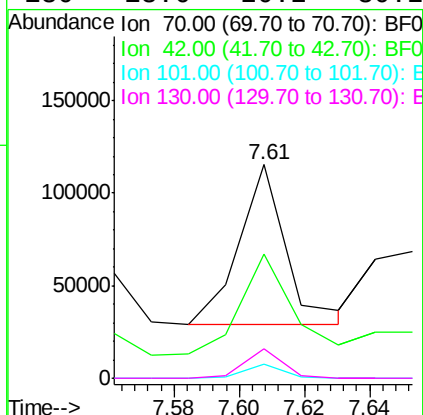
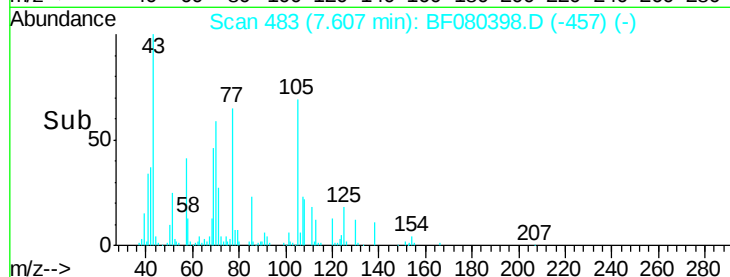
42 58.0 43.0 64.6

101 6.4 8.3 12.5#

130 13.6 20.2 30.2#

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#20

3+4-Methylphenols

Concen: 38.73 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion: 107 Resp: 100021

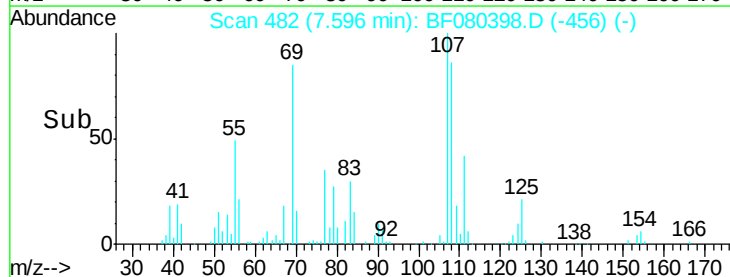
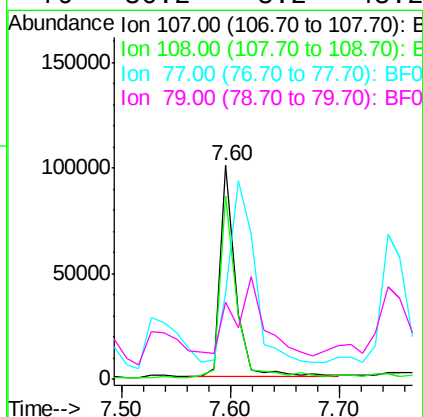
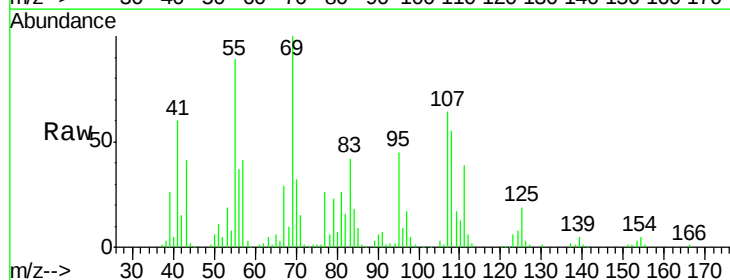
Ion Ratio Lower Upper

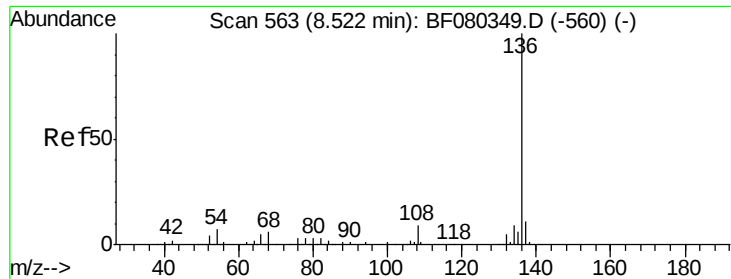
107 100

108 85.9 73.4 113.4

77 40.0 16.4 56.4

79 36.2 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF080398.D

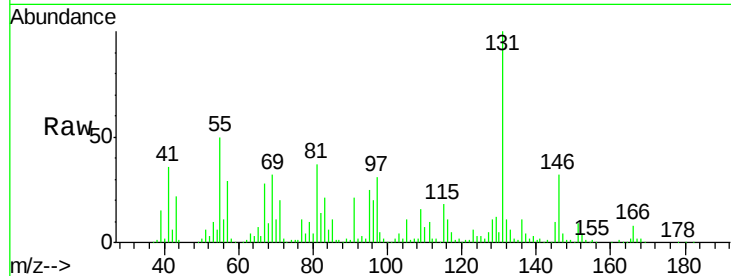
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 117995

Ion Ratio Lower Upper

136 100

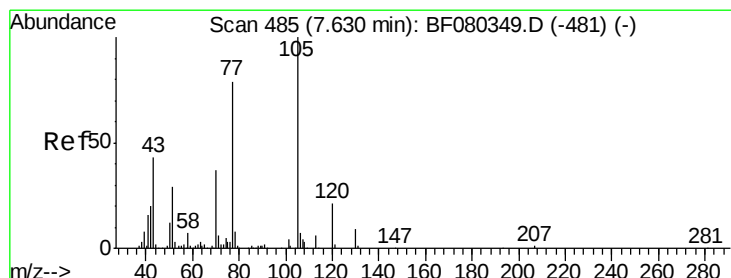
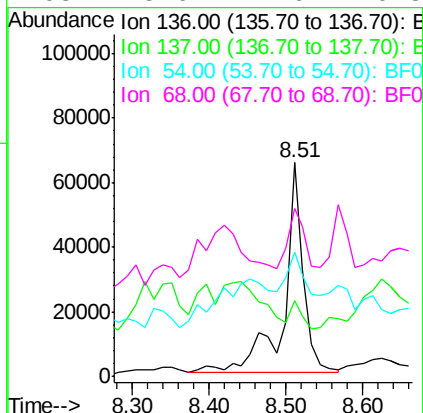
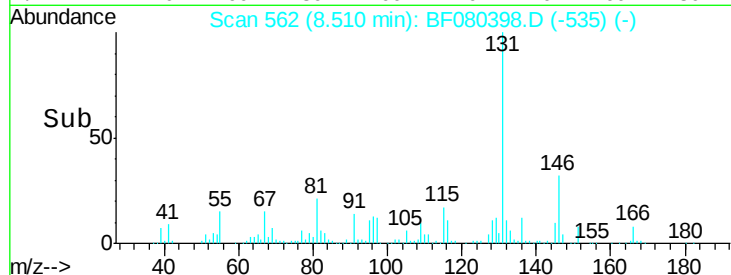
137 35.2 8.5 12.7#

54 58.4 5.8 8.8#

68 78.6 4.6 6.8#

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#22

Acetophenone

Concen: 40.93 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion:105 Resp: 111420

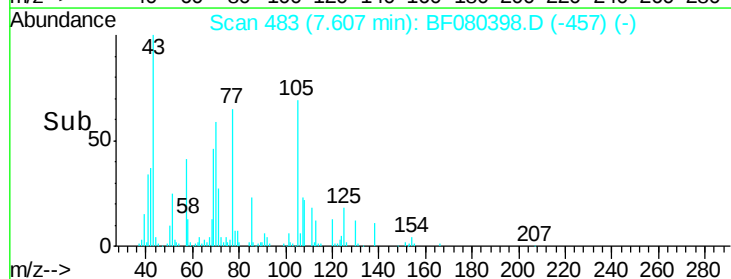
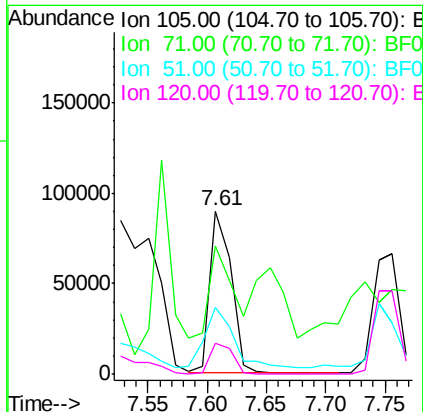
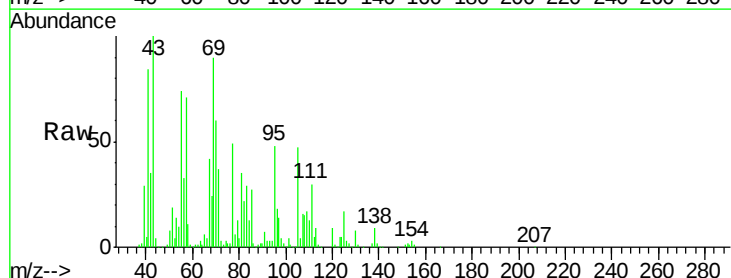
Ion Ratio Lower Upper

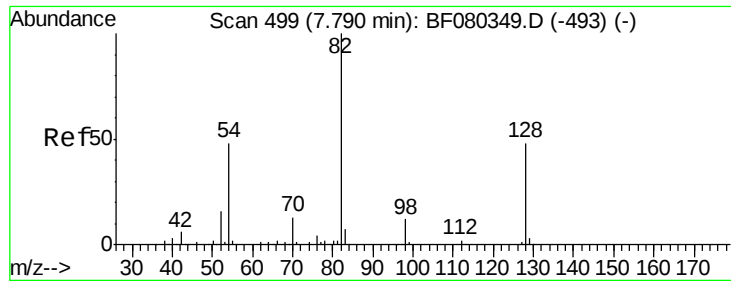
105 100

71 78.9 5.0 7.6#

51 40.9 23.2 34.8#

120 19.3 17.0 25.4





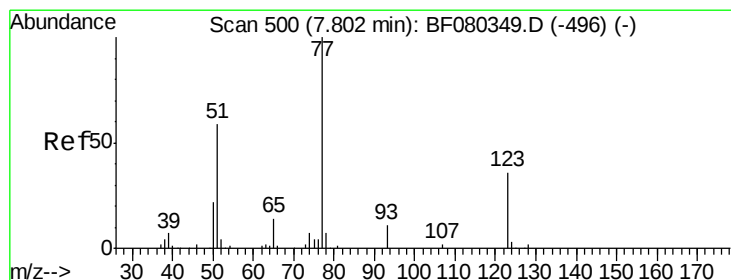
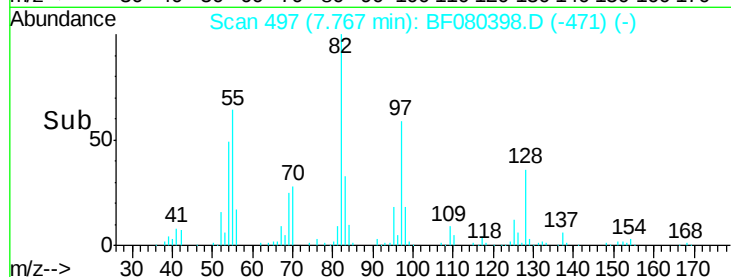
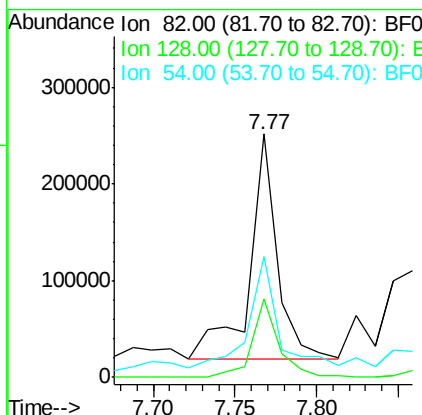
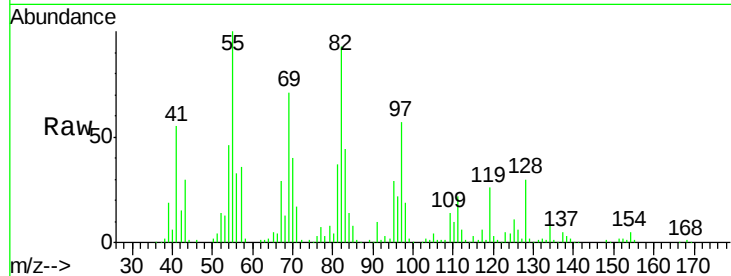
#23
 Nitrobenzene-d5
 Concen: 138.11 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	279404		
128	32.2	38.4	57.6#	
54	49.5	38.2	57.2	

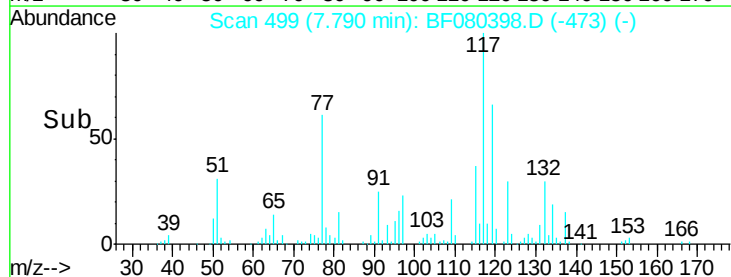
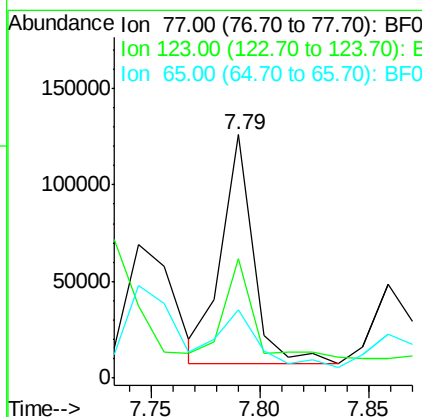
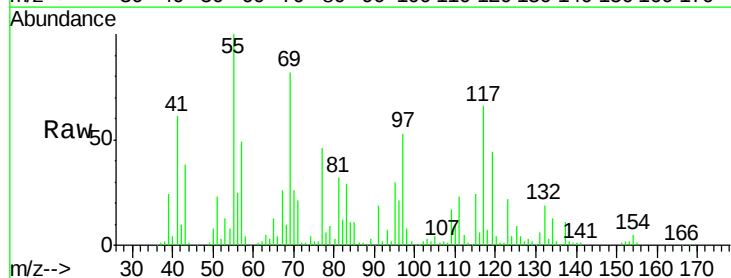
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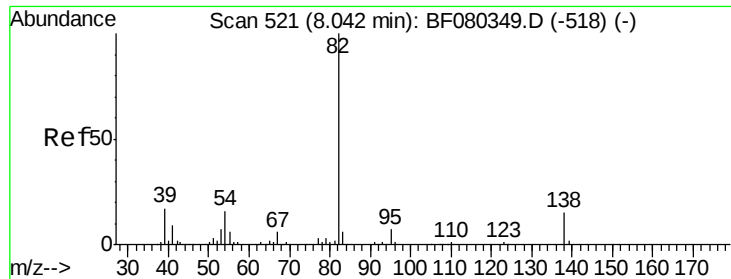
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#24
 Nitrobenzene
 Concen: 59.62 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	121164		
123	49.2	29.6	44.4#	
65	28.1	11.1	16.7#	





#25

Isophorone

Concen: 97.12 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF080398.D

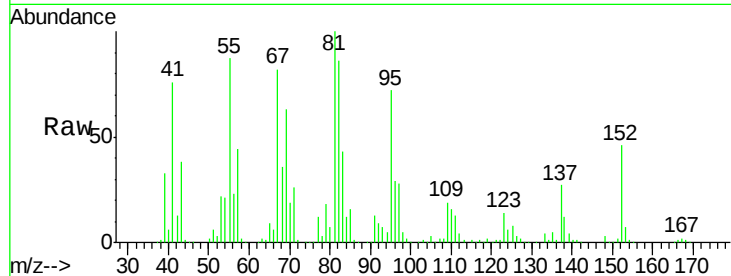
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

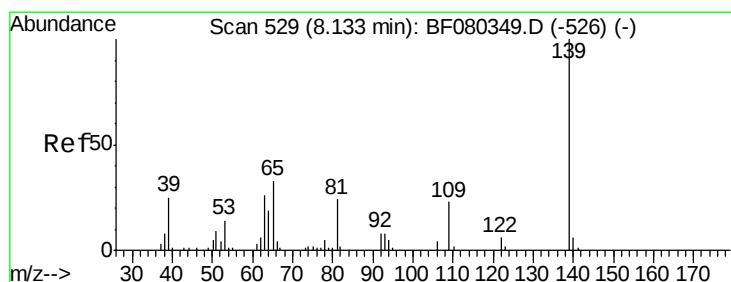
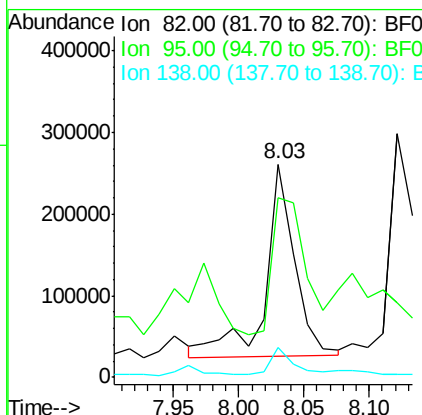
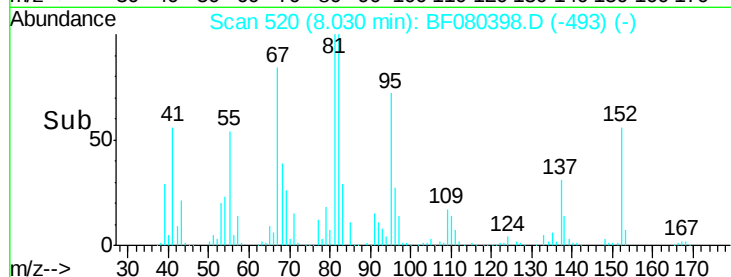
SB-04-6.5-7.0-070115MS



Tgt Ion	82	Resp	378167
Ion Ratio	100	Lower	Upper
82	100		
95	84.2	5.2	7.8#
138	13.9	12.0	18.0

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#26

2-Nitrophenol

Concen: 60.22 ng

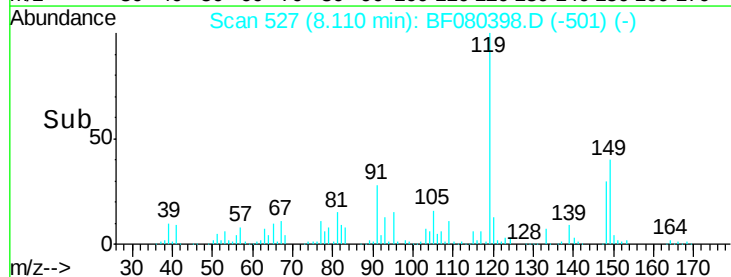
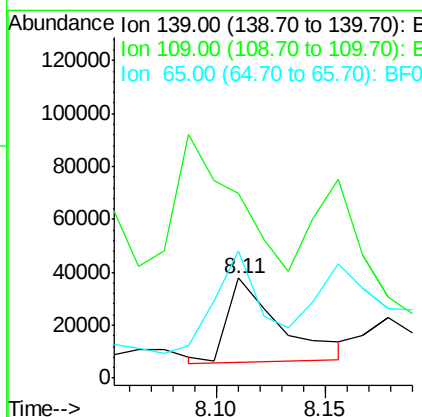
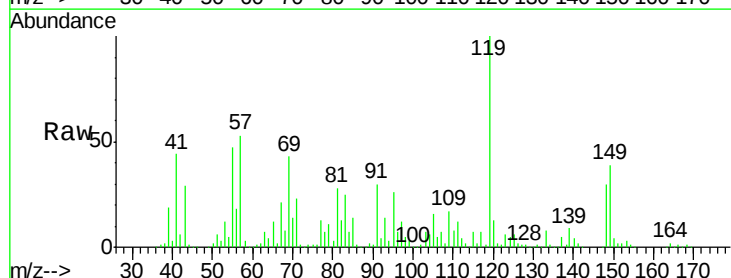
RT: 8.11 min Scan# 527

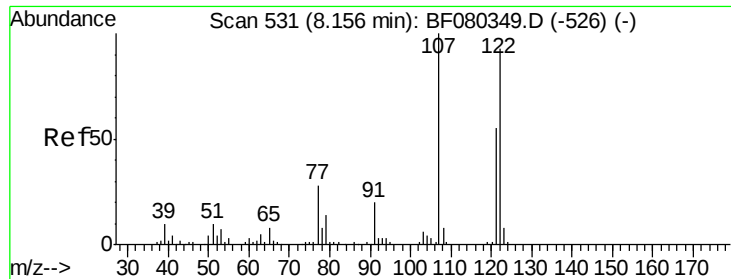
Delta R.T. 0.00 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion	139	Resp	52962
Ion Ratio	100	Lower	Upper
139	100		
109	184.3	18.4	27.6#
65	126.8	26.7	40.1#





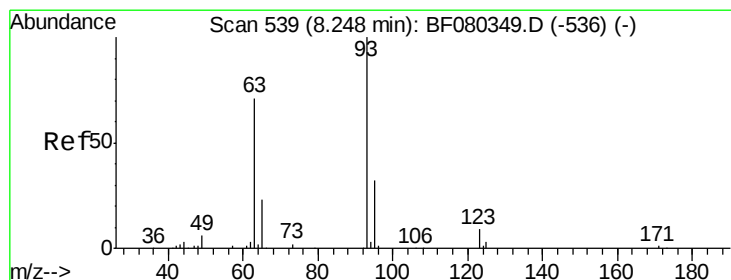
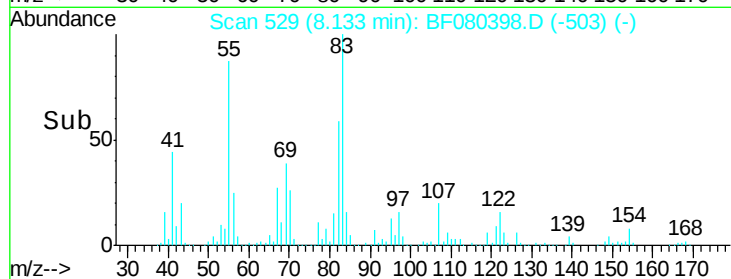
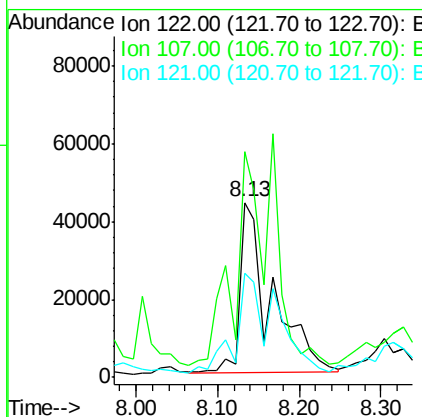
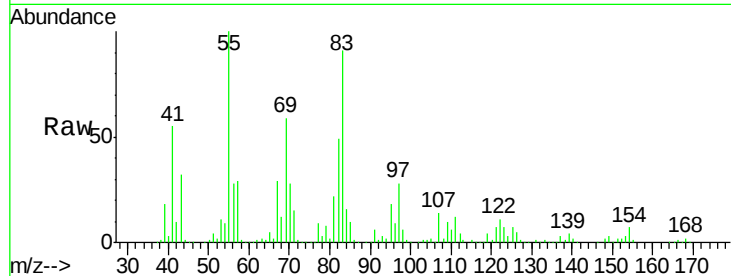
#27
 2,4-Dimethylphenol
 Concen: 67.57 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	116907		
107	129.4	85.8	128.6#	
121	59.7	46.9	70.3	

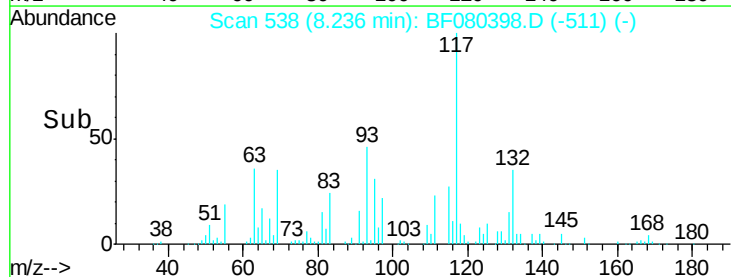
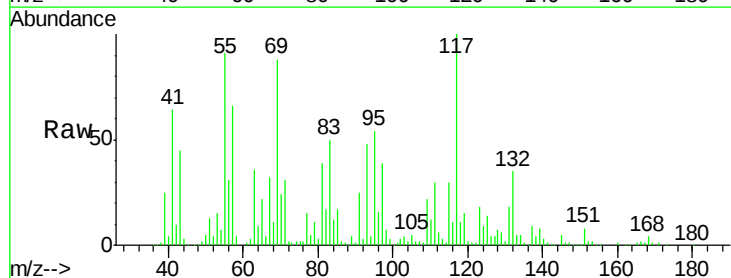
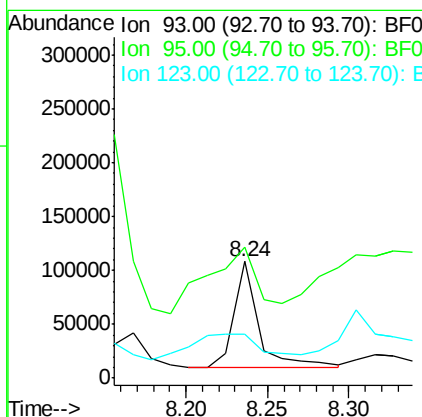
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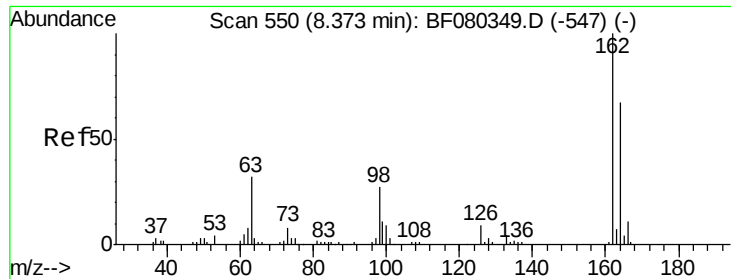
apatel
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.77 ng
 RT: 8.24 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	101003		
95	111.7	25.3	37.9#	
123	38.1	7.8	11.6#	





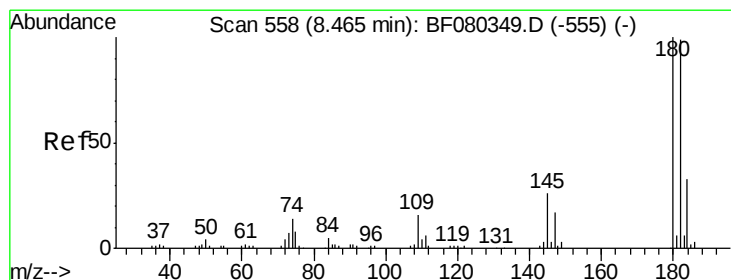
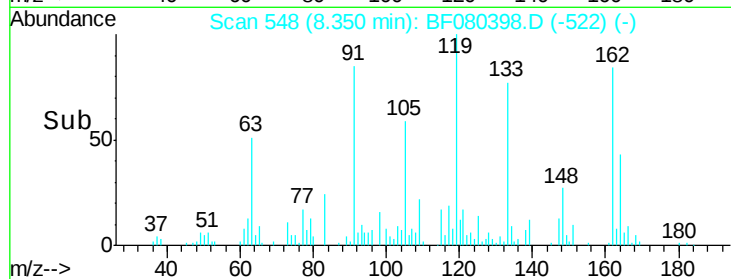
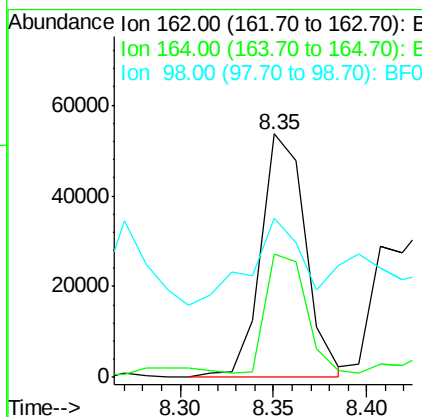
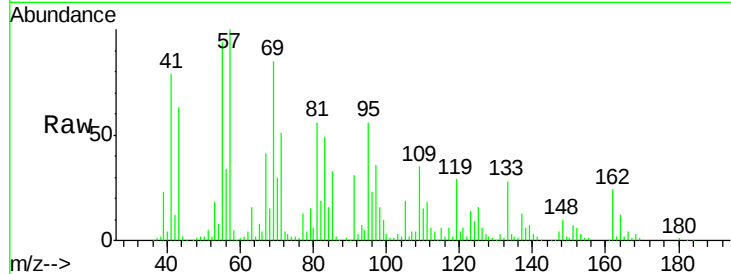
#29
2,4-Dichlorophenol
Concen: 57.85 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	50.8	47.0	87.0
98	65.6	6.6	46.6

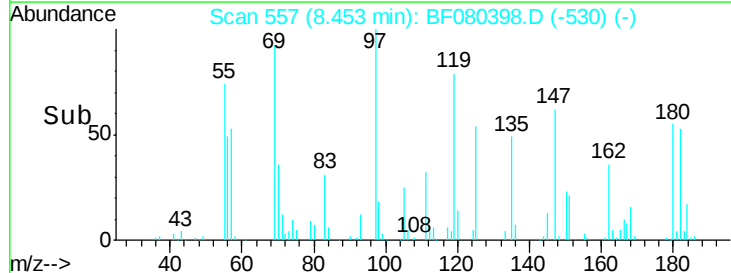
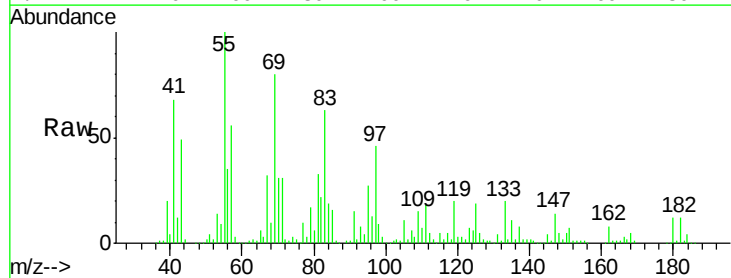
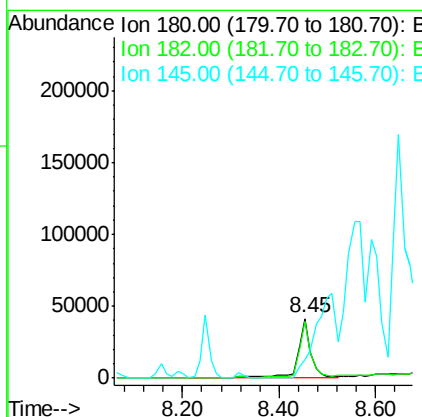
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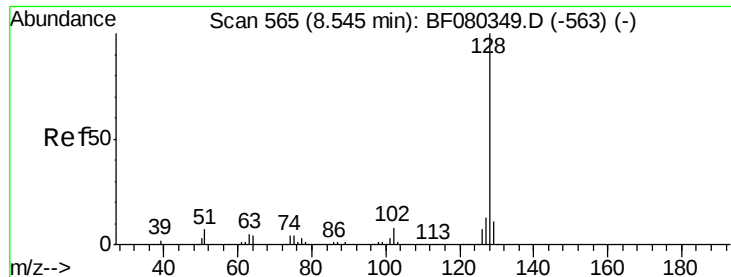
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#30
1,2,4-Trichlorobenzene
Concen: 43.68 ng
RT: 8.45 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	79.0	118.4
145	31.6	20.5	30.7





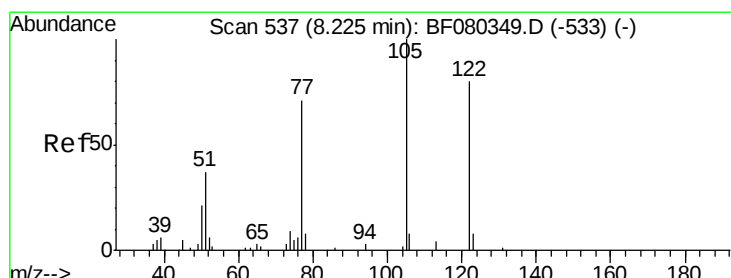
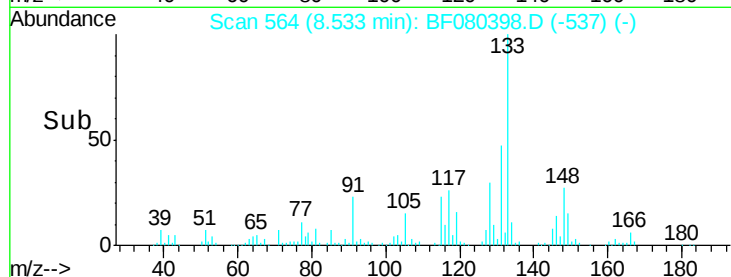
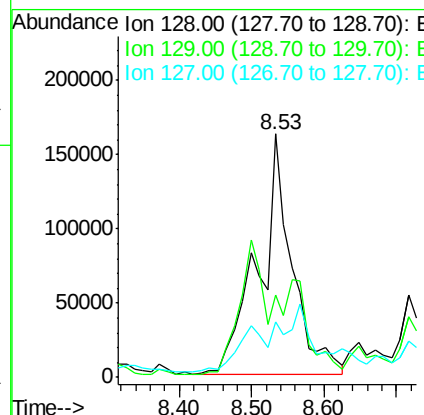
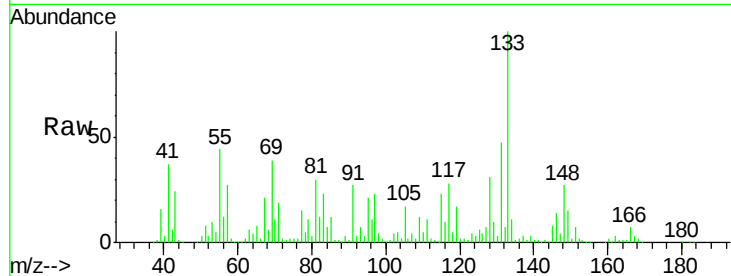
#31
Naphthalene
Concen: 85.95 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	520194		
129	33.6	8.8	13.2#	
127	22.9	10.4	15.6#	

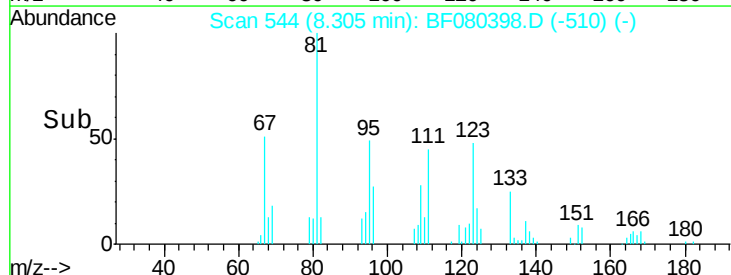
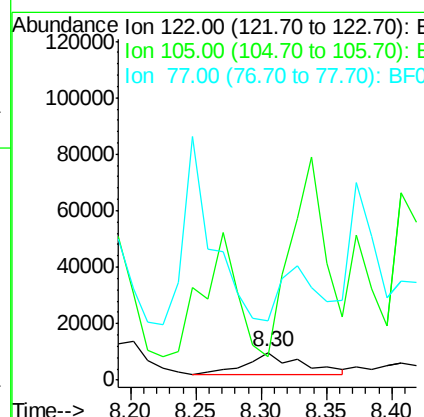
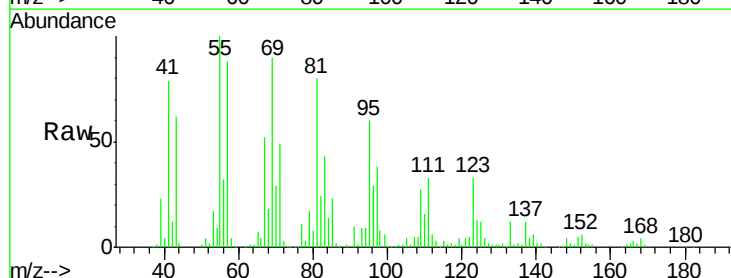
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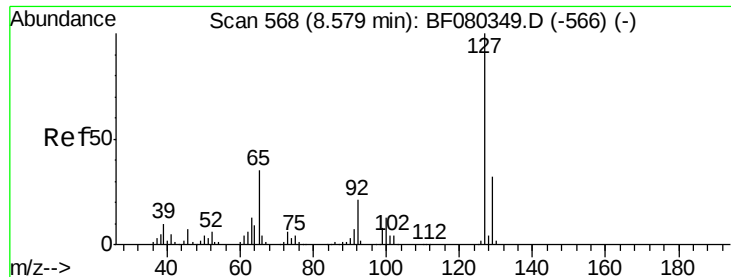
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#32
Benzoic acid
Concen: 29.25 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.09 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	22778		
105	83.8	102.2	142.2#	
77	213.4	68.8	108.8#	





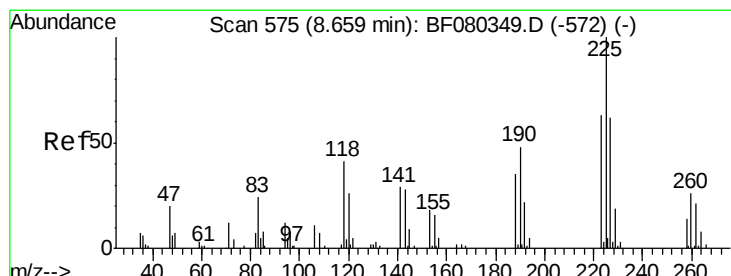
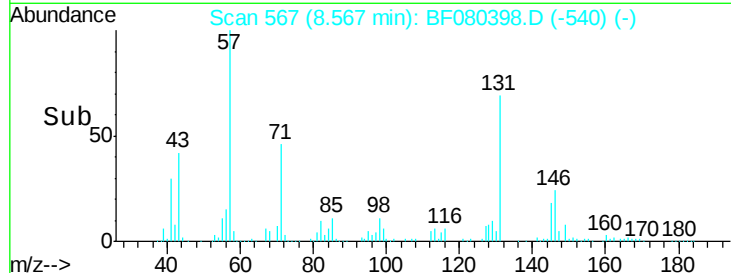
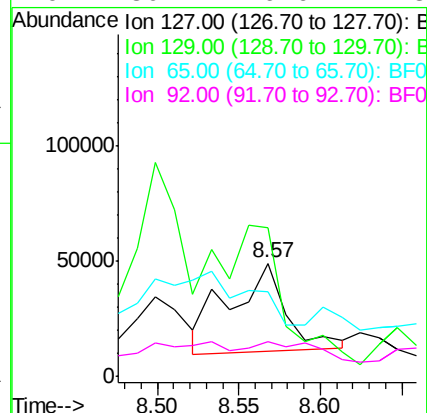
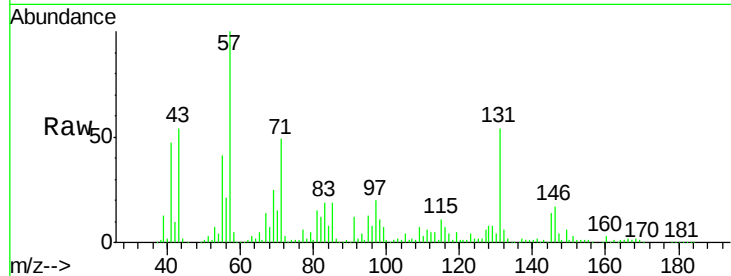
#33
4-Chloroaniline
Concen: 38.33 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	92474		
129	131.3	26.2	39.2#	
65	74.8	28.1	42.1#	
92	30.7	16.6	24.8#	

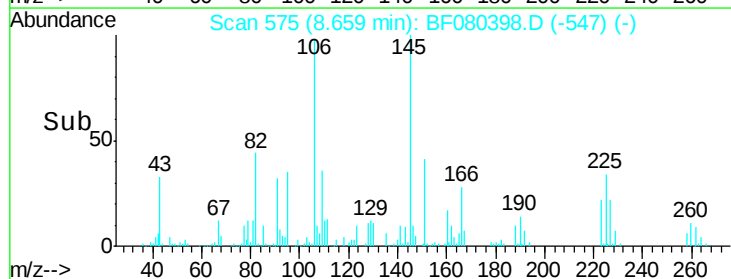
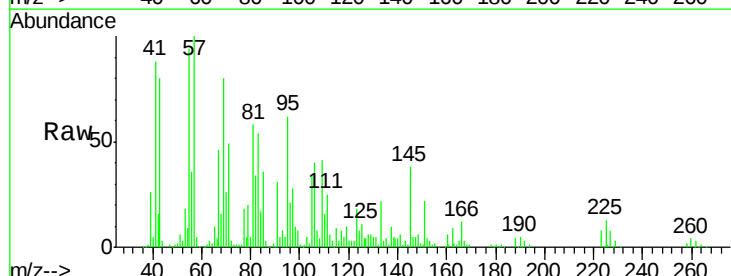
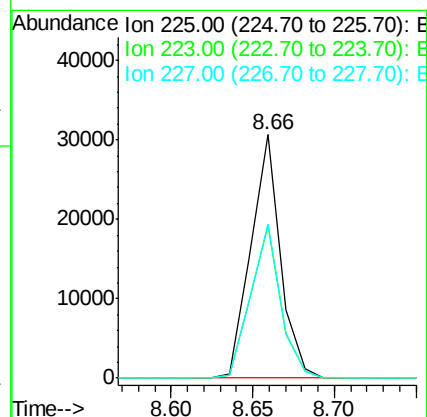
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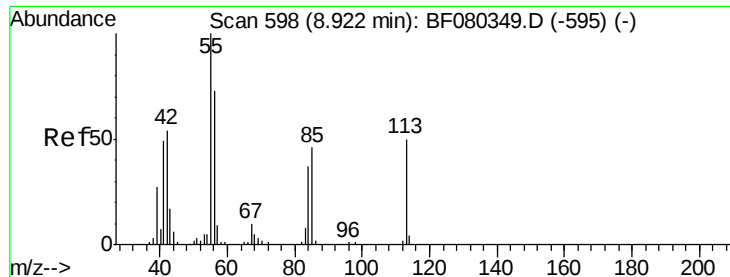
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#34
Hexachlorobutadiene
Concen: 34.58 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38410		
223	62.7	50.3	75.5	
227	63.5	49.4	74.2	





#35

Caprolactam

Concen: 498.88 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.05 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

SB-04-6.5-7.0-070115MS

Tgt Ion:113 Resp: 23687
Ion Ratio Lower Upper

113 100

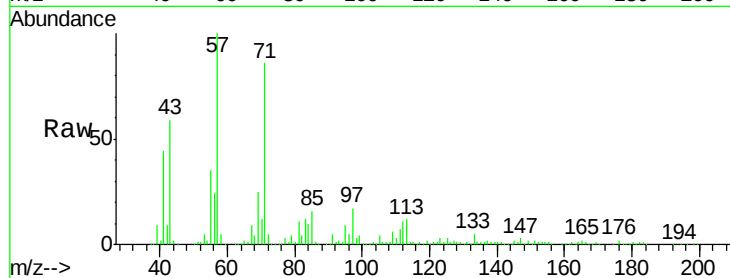
55 283.5 181.4 221.4#

56 194.6 127.3 167.3#

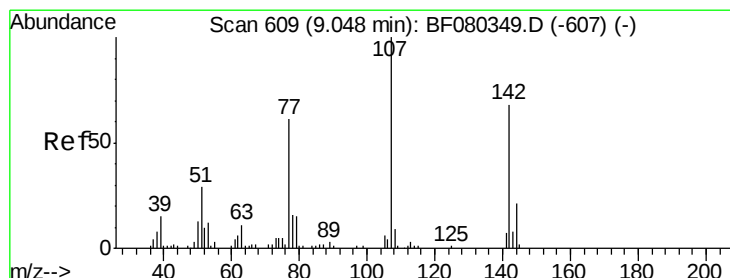
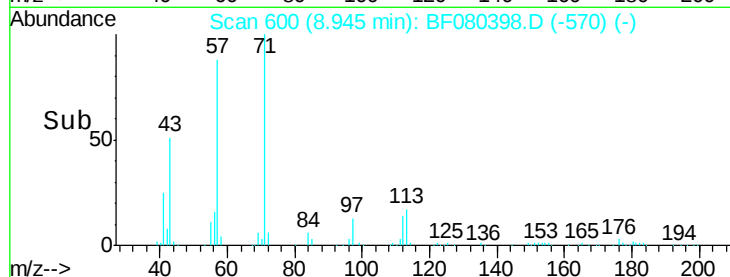
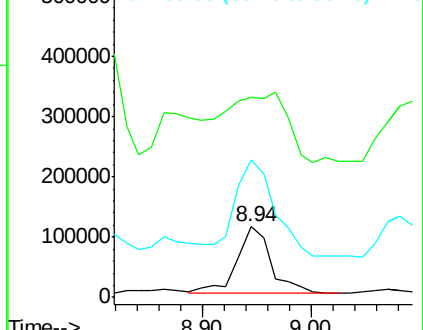
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 47.67 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF080398.D

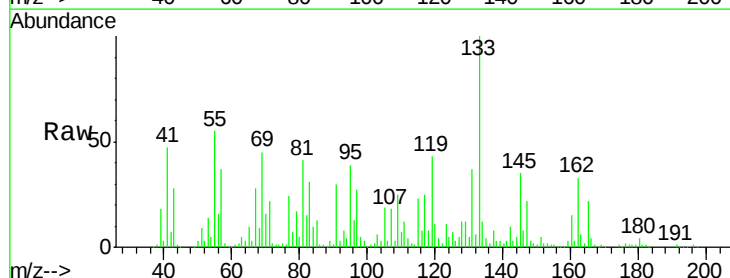
Acq: 8 Jul 2015 20:19

Tgt Ion:107 Resp: 75560
Ion Ratio Lower Upper

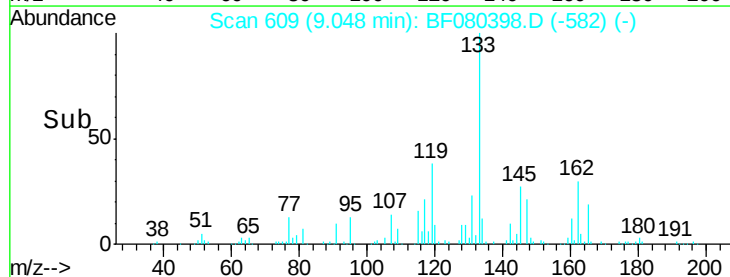
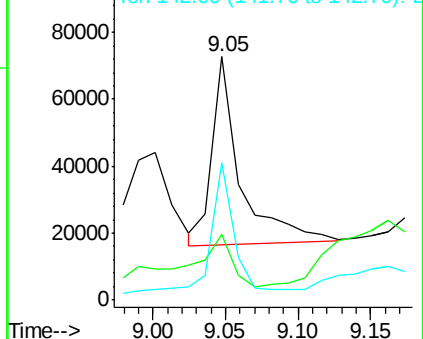
107 100

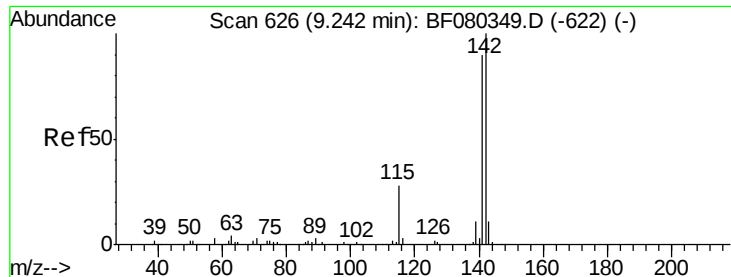
144 27.2 16.7 25.1#

142 56.4 54.4 81.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





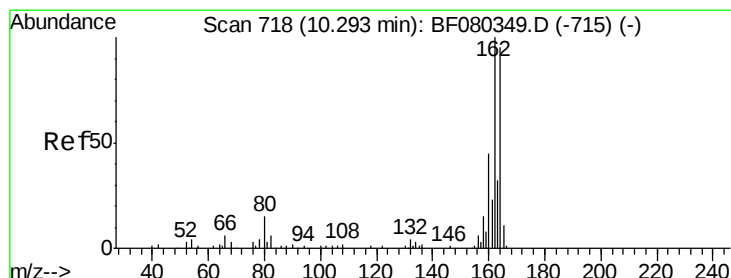
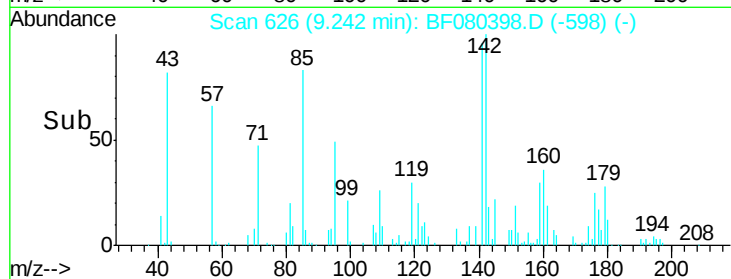
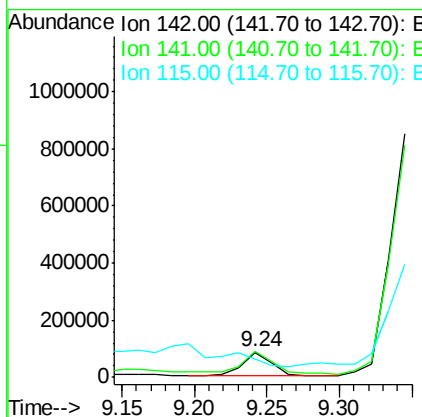
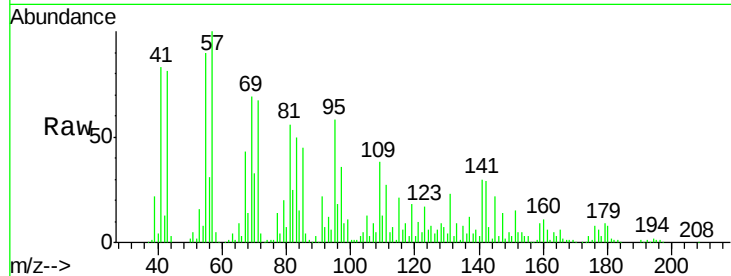
#37
2-Methylnaphthalene
Concen: 30.79 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.02 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	102.6	71.8	107.8
115	73.3	22.6	34.0

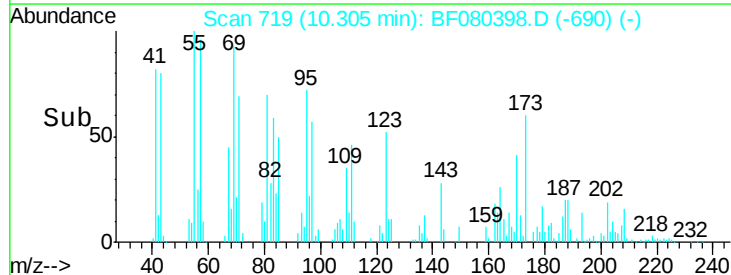
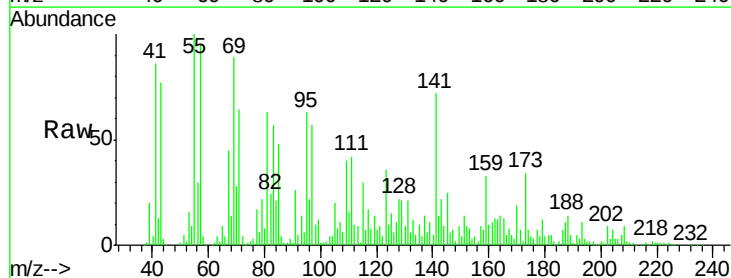
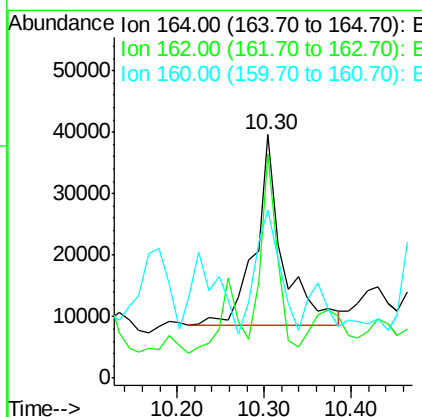
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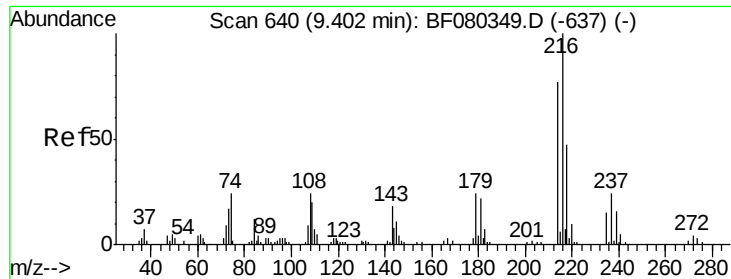
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.03 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.4	84.5	126.7
160	69.2	37.7	56.5





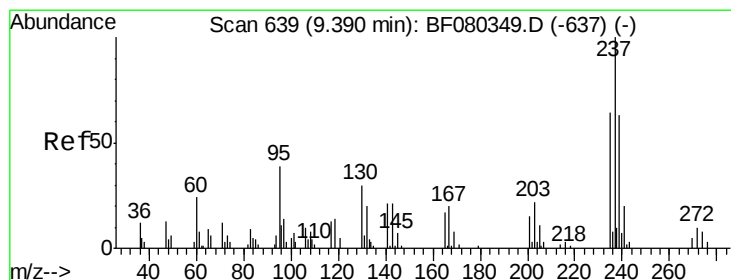
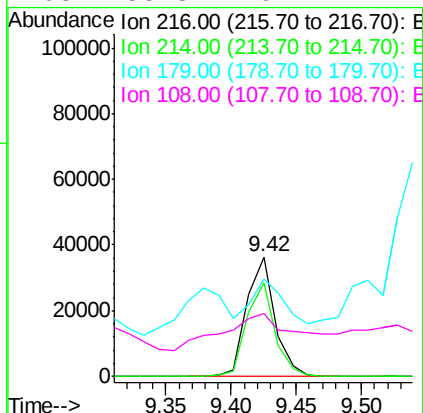
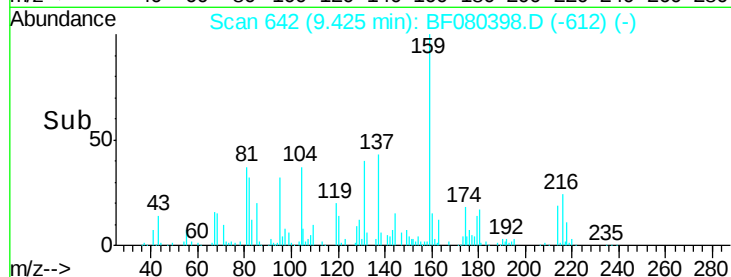
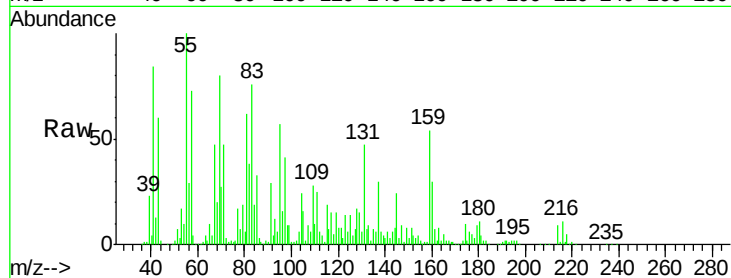
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.99 ng
 RT: 9.42 min Scan# 642
 Delta R.T. 0.05 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Manual Integrations
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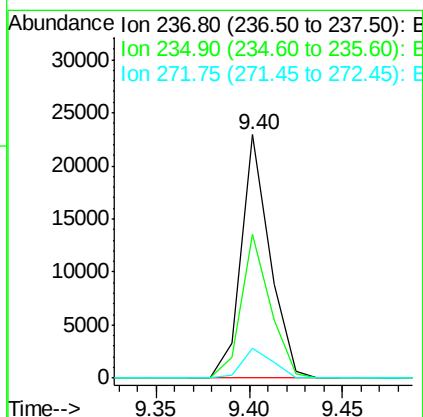
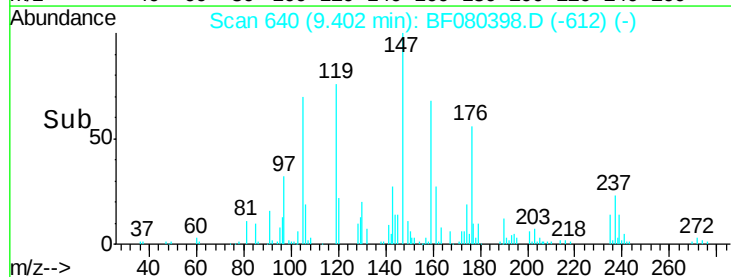
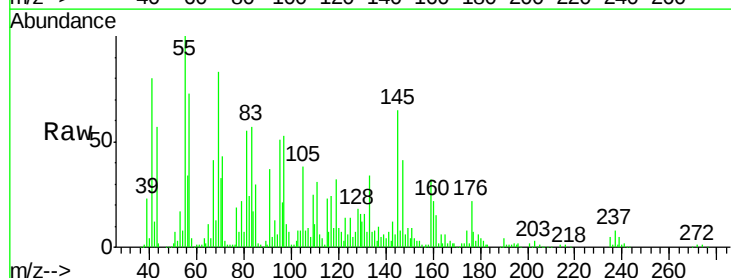
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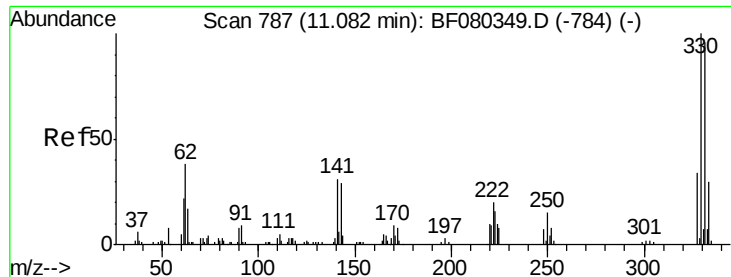
Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.2	91.8
179	48.1	16.9	25.3
108	88.3	16.2	24.4



#40
 Hexachlorocyclopentadiene
 Concen: 31.70 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.02 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.9	44.2	84.2
272	12.2	0.0	29.7





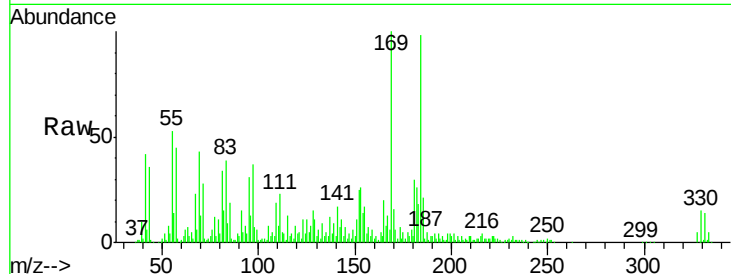
#41
 2,4,6-Tribromophenol
 Concen: 107.93 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.05 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

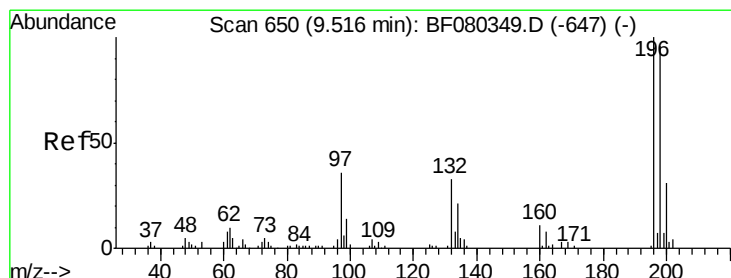
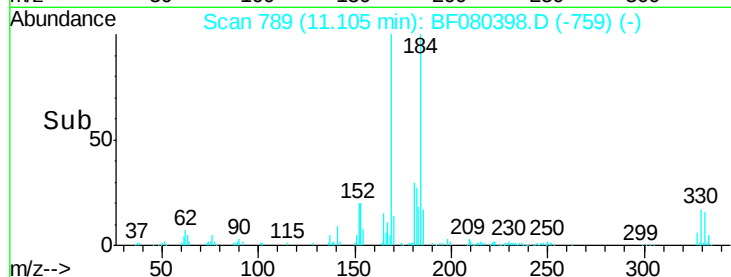
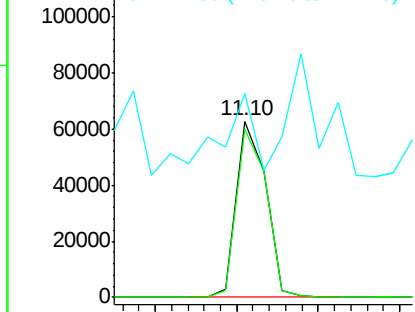
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	41.3	29.6	44.4

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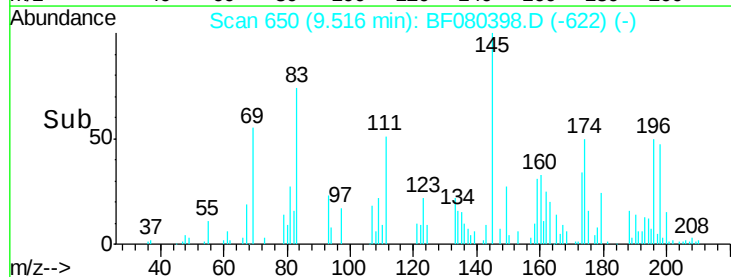
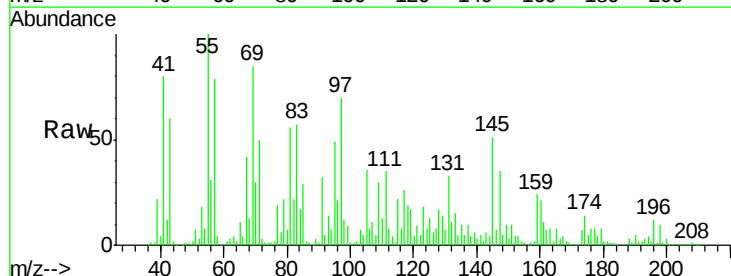
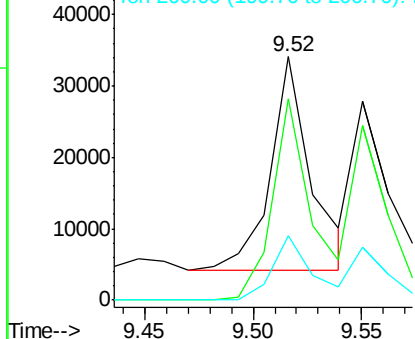
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

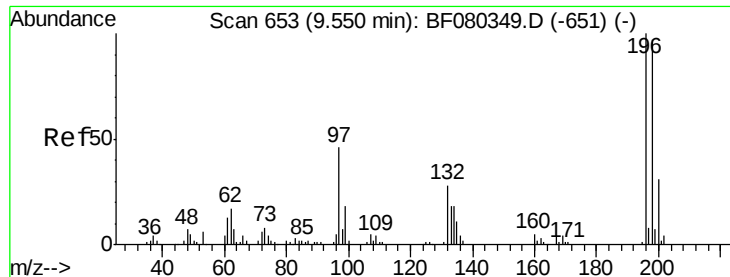


#42
 2,4,6-Trichlorophenol
 Concen: 27.34 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.02 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	82.6	76.4	114.6
200	26.7	24.6	37.0

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





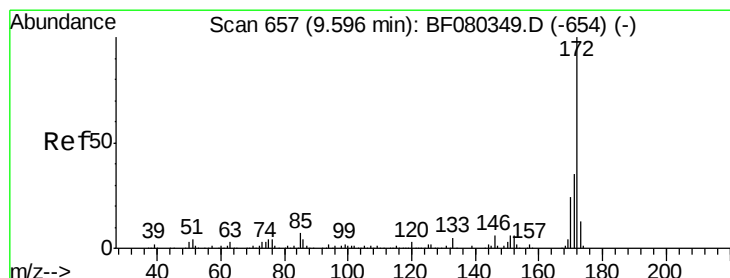
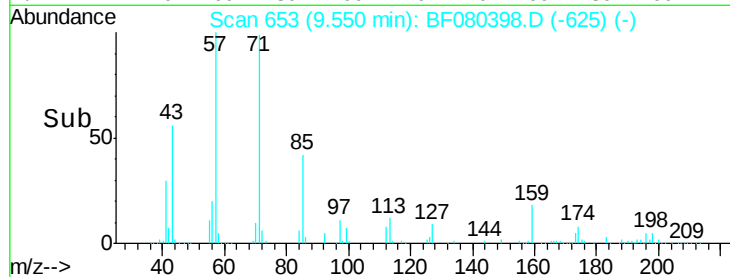
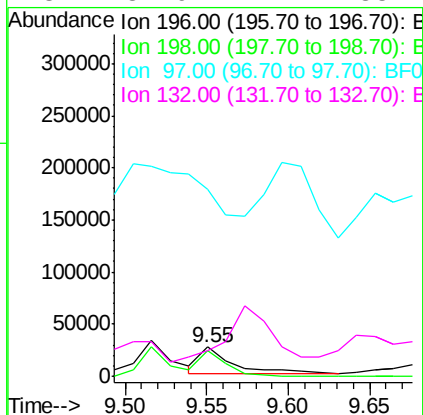
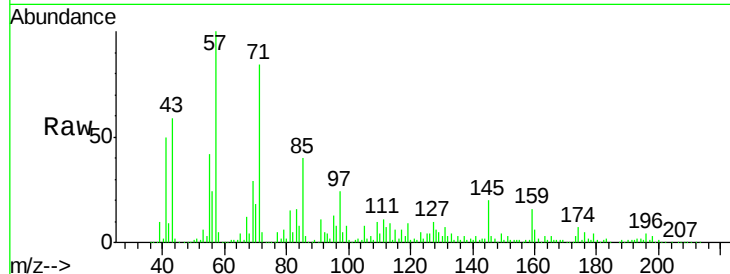
#43
 2,4,5-Trichlorophenol
 Concen: 21.95 ng
 RT: 9.55 min Scan# 653
 Delta R.T. 0.02 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	36723		
198	87.7	77.2	115.8	
97	641.3	37.0	55.6	
132	87.9	22.2	33.2	

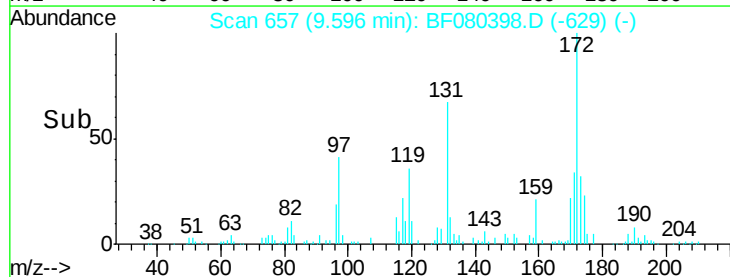
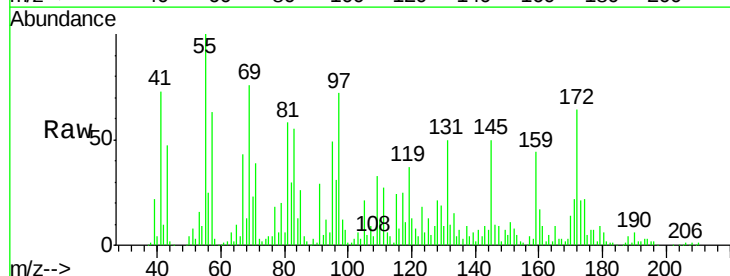
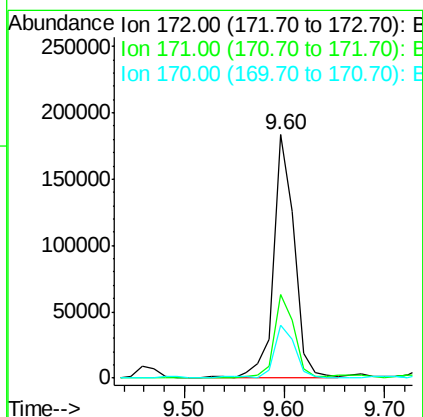
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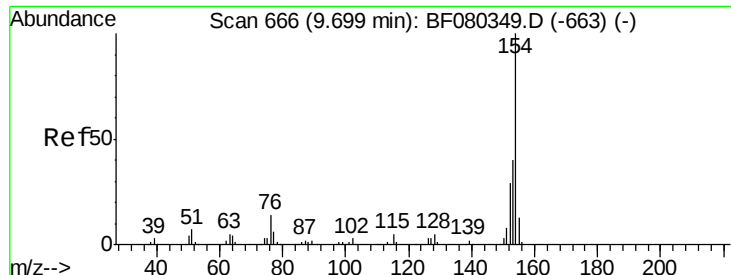
apatel
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#44
 2-Fluorobiphenyl
 Concen: 50.84 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.02 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	259043		
171	34.4	28.3	42.5	
170	22.0	19.1	28.7	





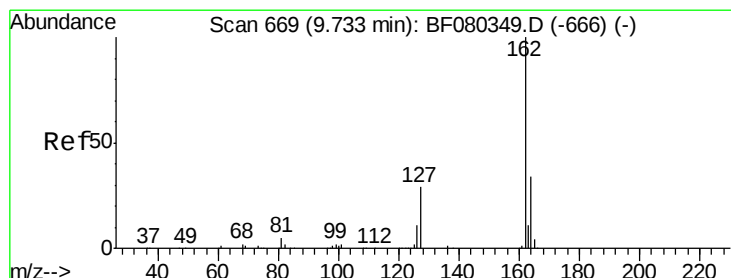
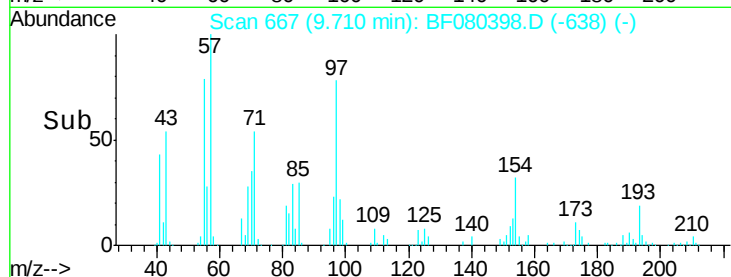
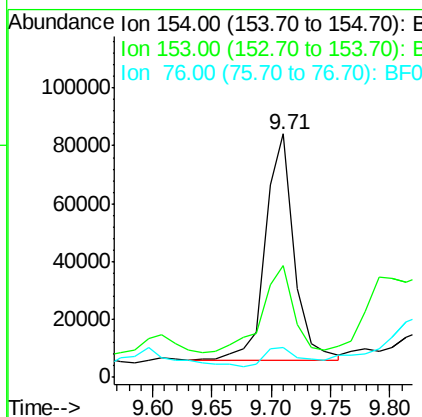
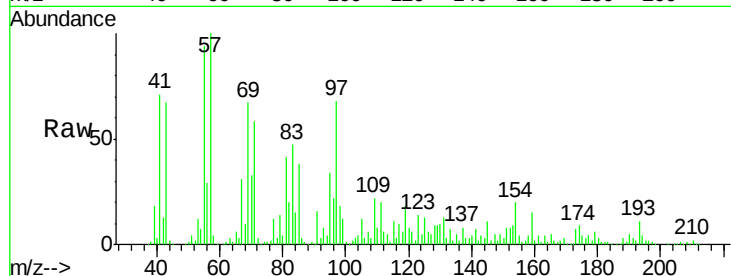
#45
 1,1'-Biphenyl
 Concen: 21.35 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.03 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	130281		
153	45.7	19.8	59.8	
76	12.1	0.0	33.6	

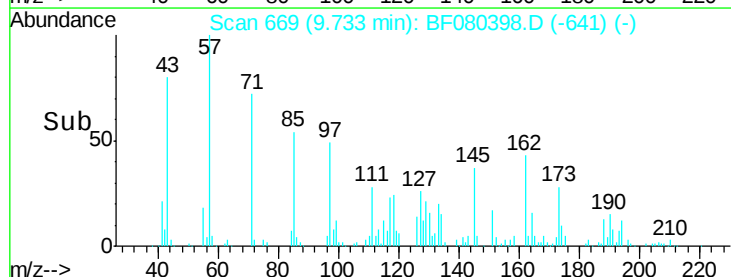
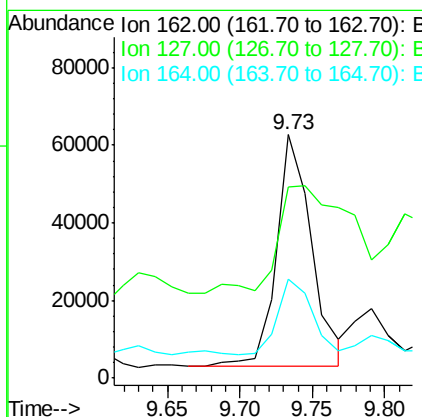
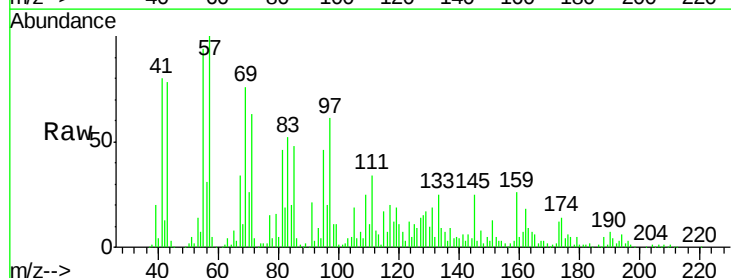
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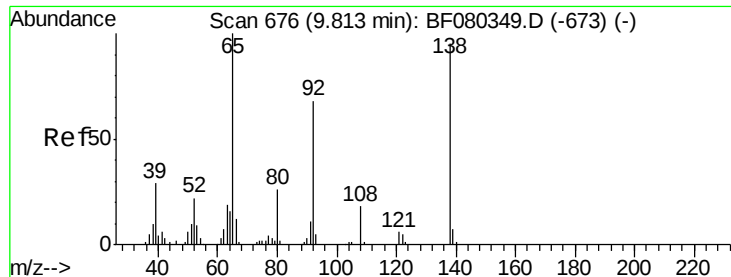
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#46
 2-Chloronaphthalene
 Concen: 21.63 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.02 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	100640		
127	78.5	27.3	40.9#	
164	40.6	27.2	40.8	





#47

2-Nitroaniline

Concen: 26.21 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.02 min

Lab File: BF080398.D

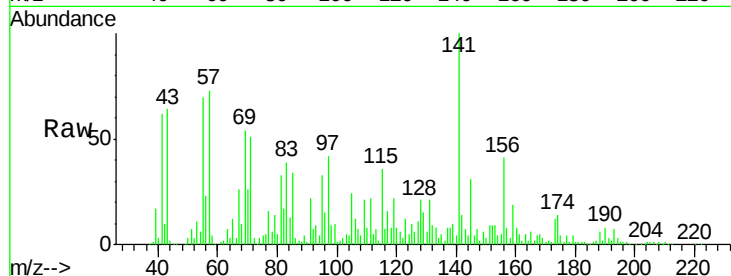
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

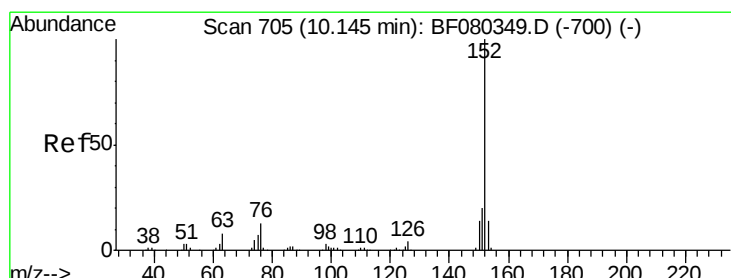
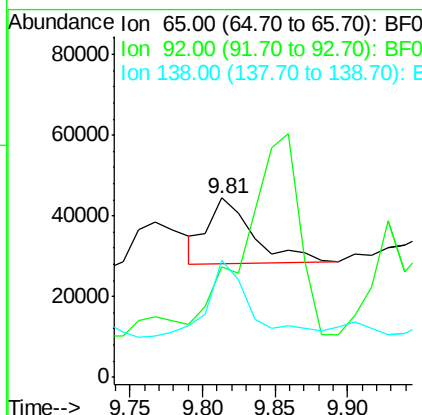
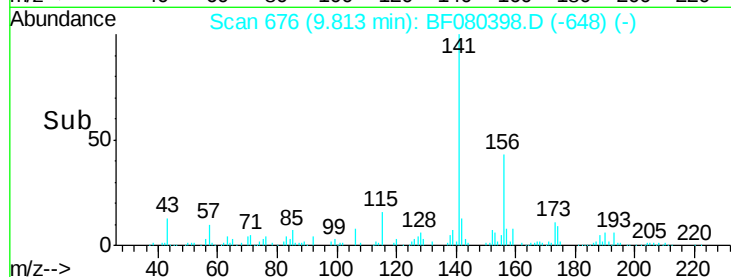
SB-04-6.5-7.0-070115MS



Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.6	54.2	81.2
138	65.6	76.1	114.1#

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#48

Acenaphthylene

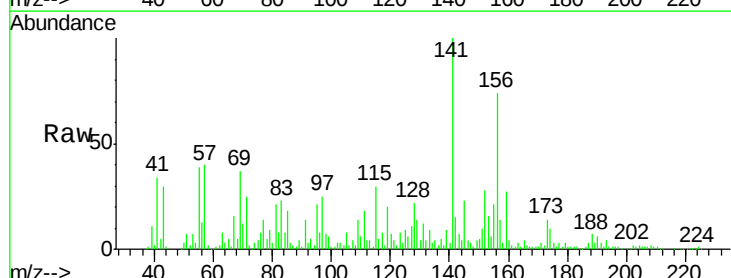
Concen: 31.05 ng

RT: 10.17 min Scan# 707

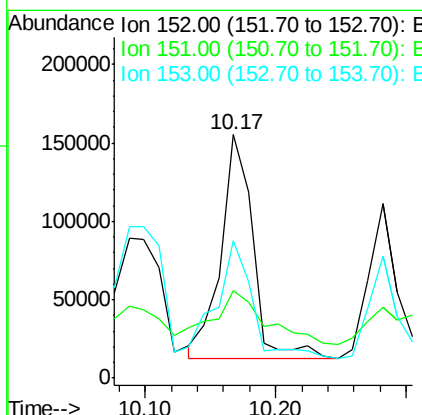
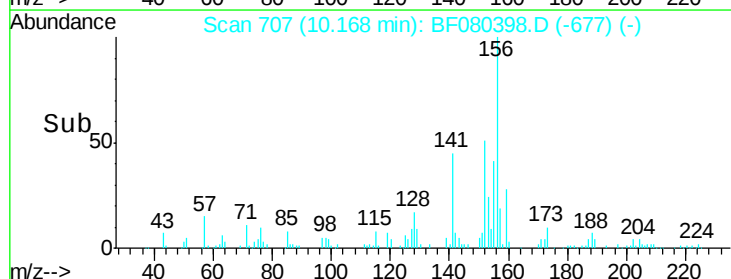
Delta R.T. 0.05 min

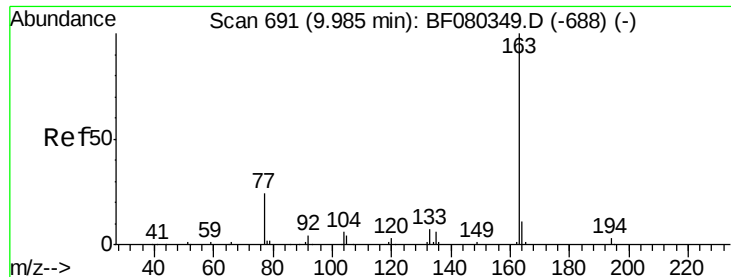
Lab File: BF080398.D

Acq: 8 Jul 2015 20:19



Tgt Ion	Ratio	Lower	Upper
152	100		
151	36.0	16.3	24.5#
153	56.2	11.0	16.4#





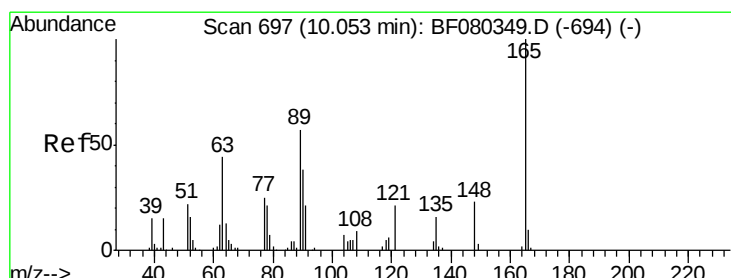
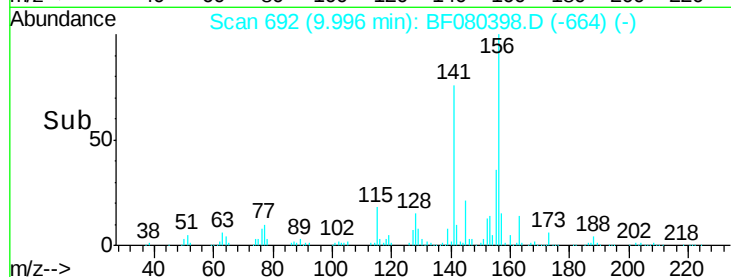
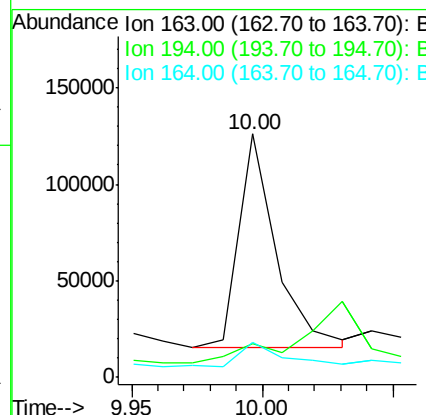
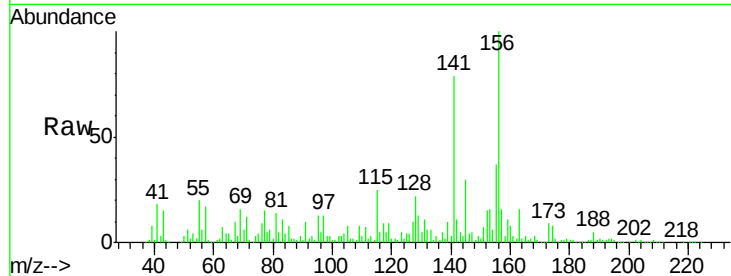
#49
Dimethylphthalate
Concen: 20.18 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.02 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	111409		
194	13.8	2.6	3.8#	
164	14.4	8.5	12.7#	

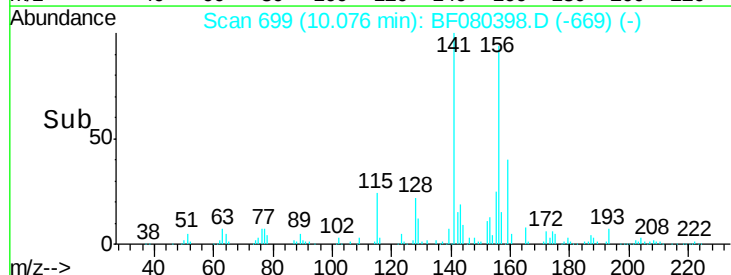
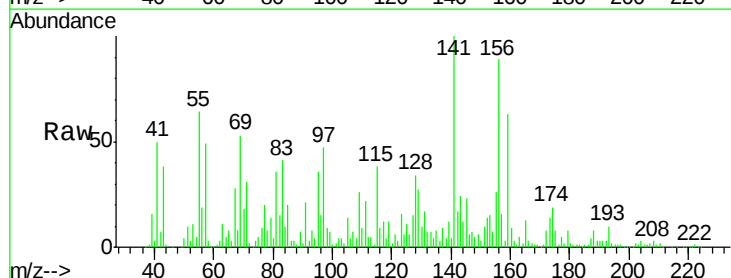
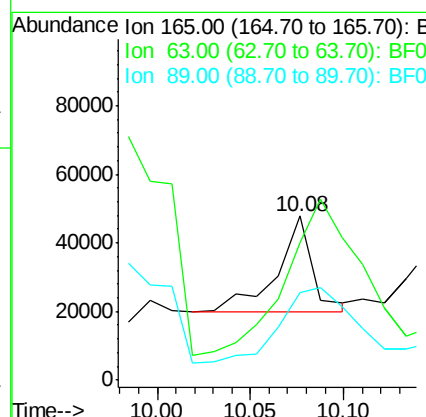
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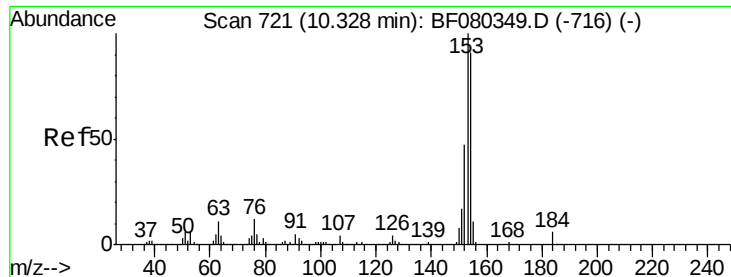
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#50
2,6-Dinitrotoluene
Concen: 32.38 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.05 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	37369		
63	83.7	44.8	67.2#	
89	53.4	45.9	68.9	





#51

Acenaphthene

Concen: 62.40 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.03 min

Lab File: BF080398.D

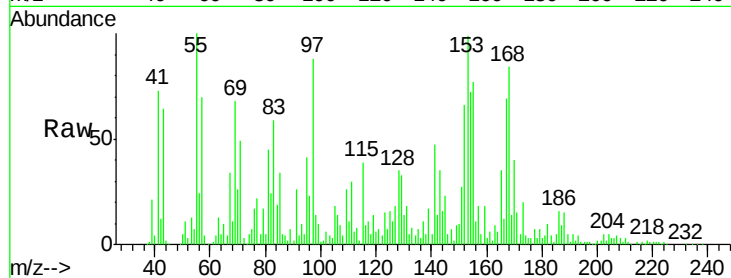
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

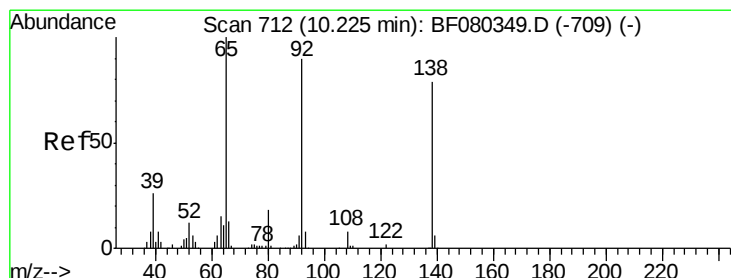
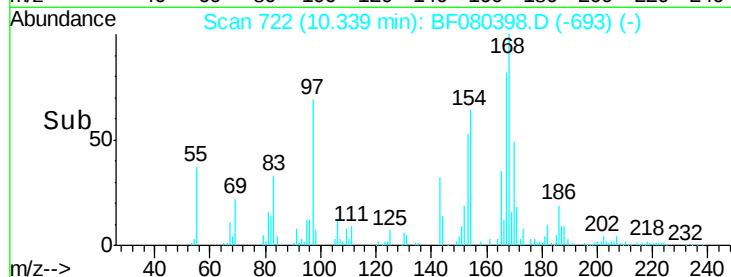
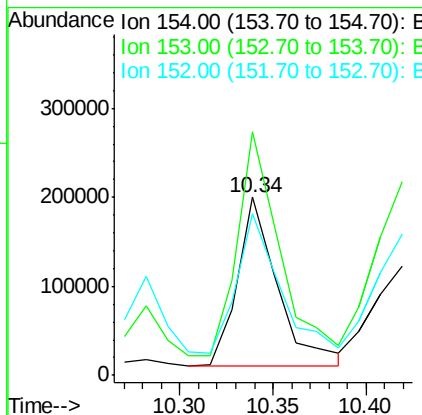
SB-04-6.5-7.0-070115MS



Tgt Ion:	154	Resp:	289329
Ion Ratio	Lower	Upper	
154	100		
153	136.9	88.1	132.1#
152	90.7	41.8	62.6#

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#52

3-Nitroaniline

Concen: 27.53 ng

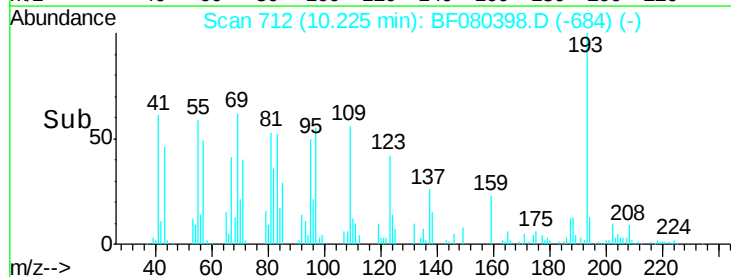
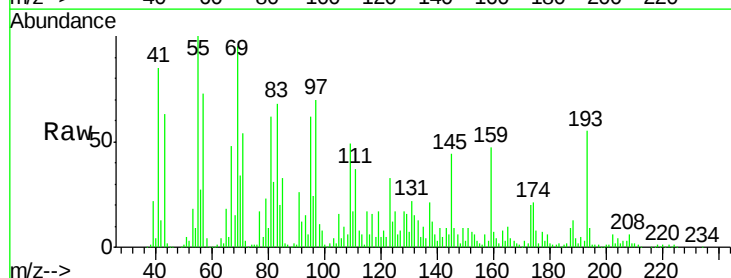
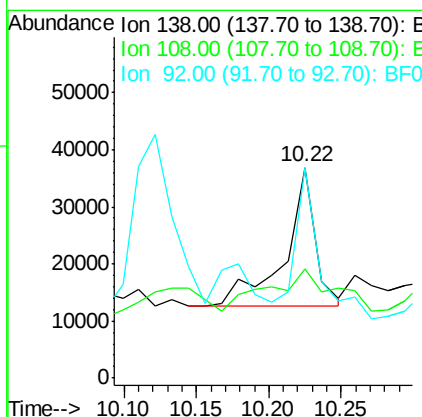
RT: 10.22 min Scan# 712

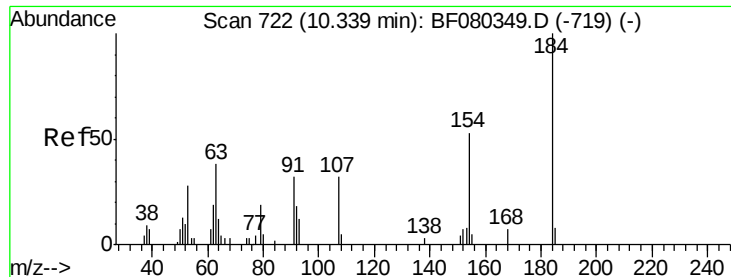
Delta R.T. 0.02 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion:	138	Resp:	35798
Ion Ratio	Lower	Upper	
138	100		
108	51.8	7.8	11.8#
92	100.0	91.0	136.6





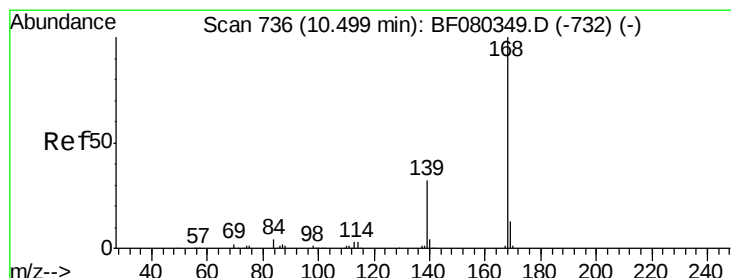
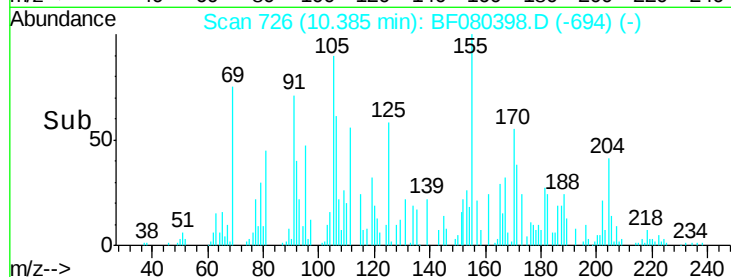
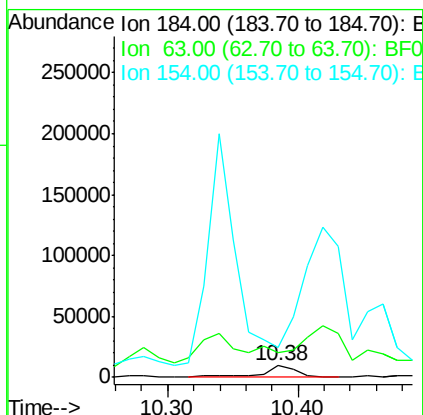
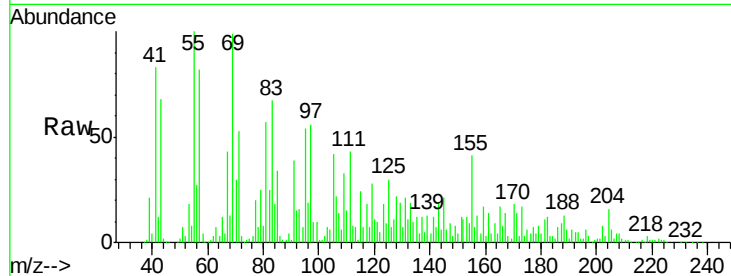
#53
2,4-Dinitrophenol
Concen: 32.38 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.07 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	13731		
63	214.2	30.6	46.0#	
154	266.2	45.3	67.9#	

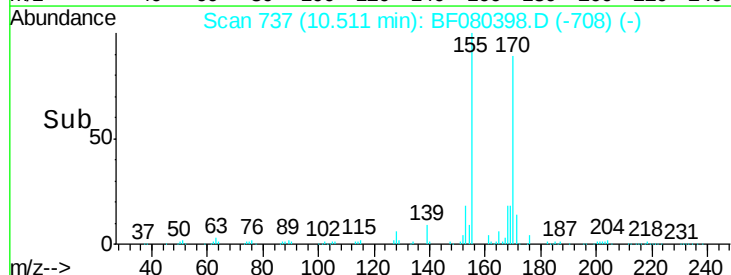
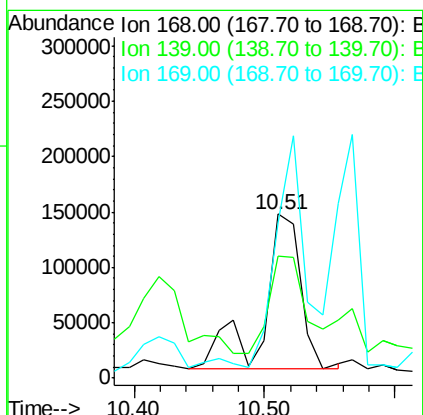
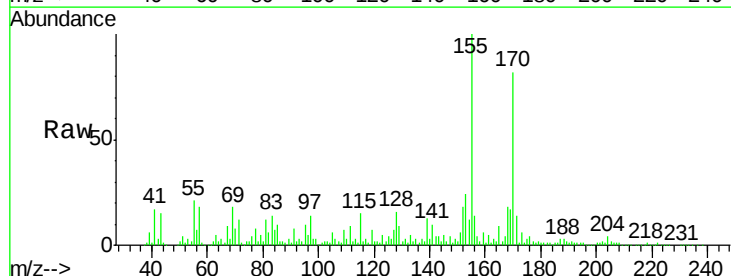
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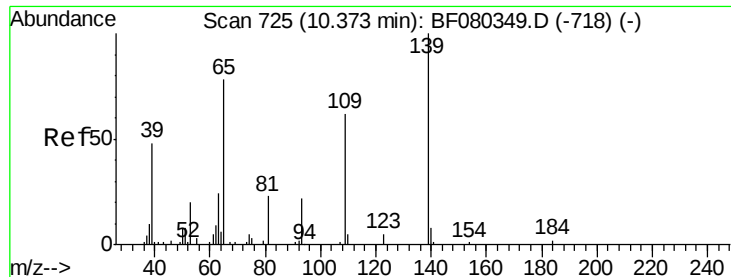
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#54
Dibenzofuran
Concen: 43.78 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.03 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	288606		
139	74.5	25.9	38.9#	
169	94.7	10.3	15.5#	





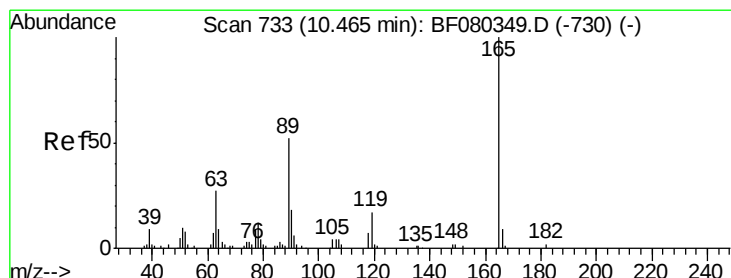
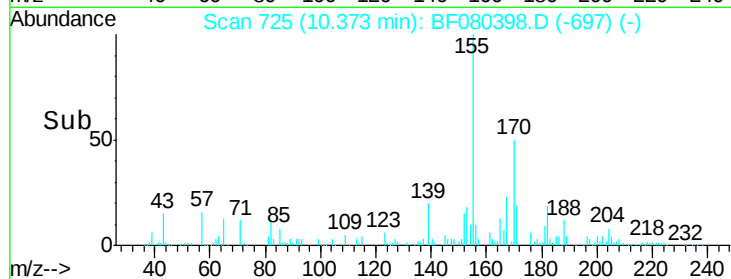
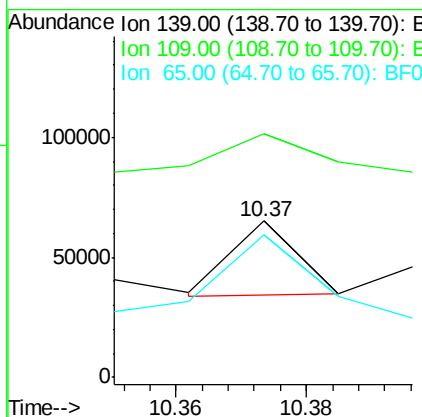
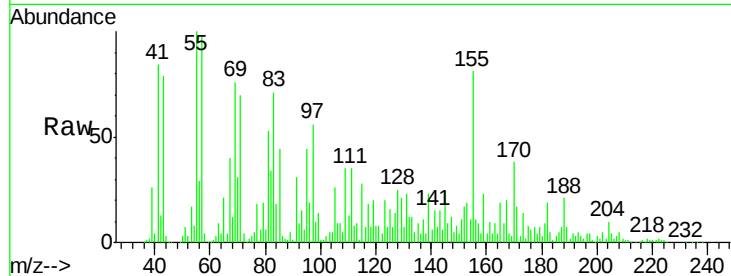
#55
4-Nitrophenol
Concen: 22.63 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.02 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	21568		
109	156.0	42.3	82.3#	
65	91.1	58.5	98.5	

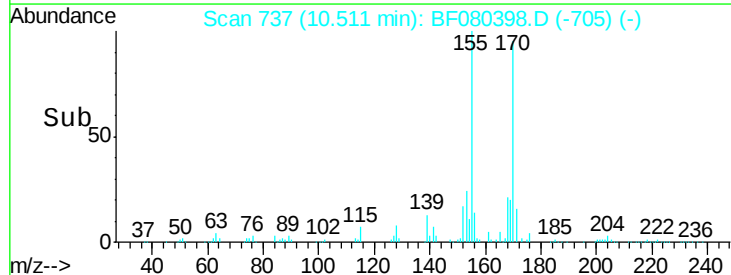
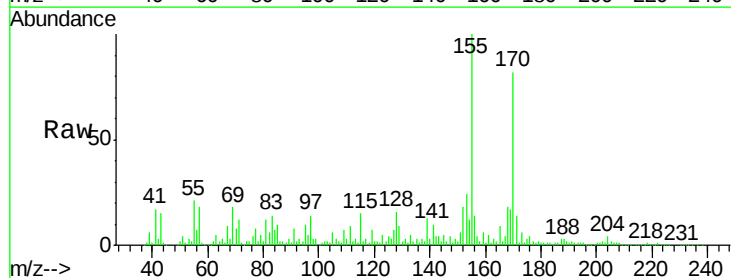
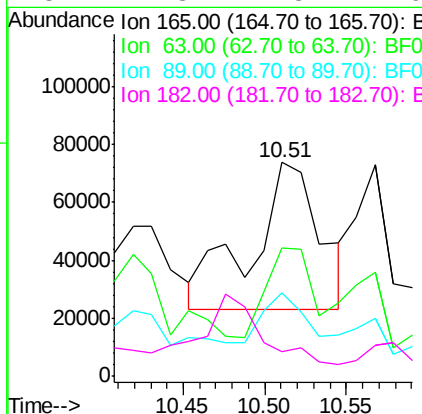
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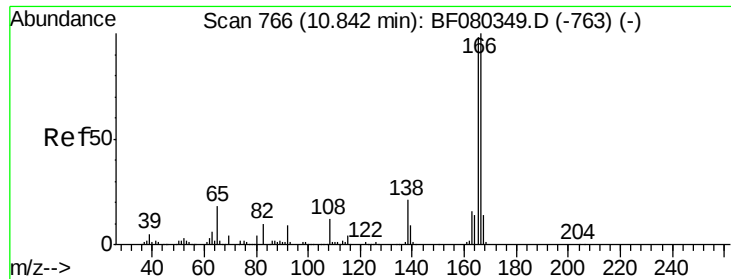
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#56
2,4-Dinitrotoluene
Concen: 100.72 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.07 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149491		
63	59.9	21.8	32.8#	
89	39.2	41.3	61.9#	
182	11.3	1.8	2.6#	





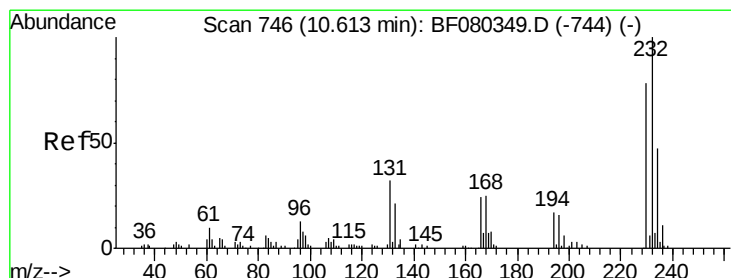
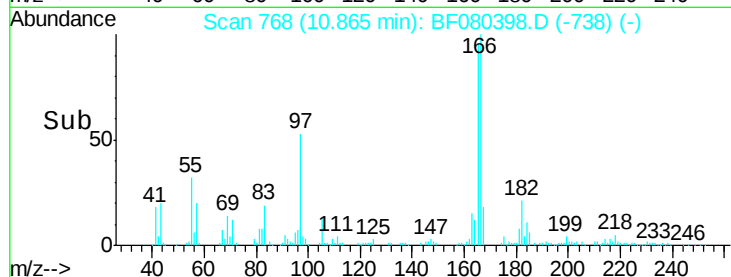
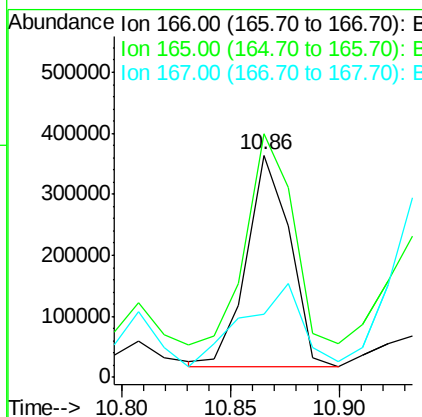
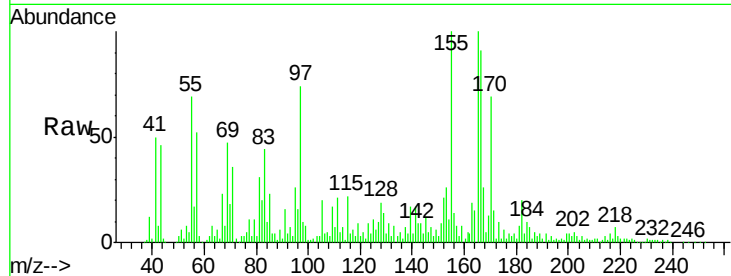
#57
 Fluorene
 Concen: 85.07 ng
 RT: 10.86 min Scan# 768
 Delta R.T. 0.05 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	109.7	78.6	117.8
167	28.5	10.8	16.2#

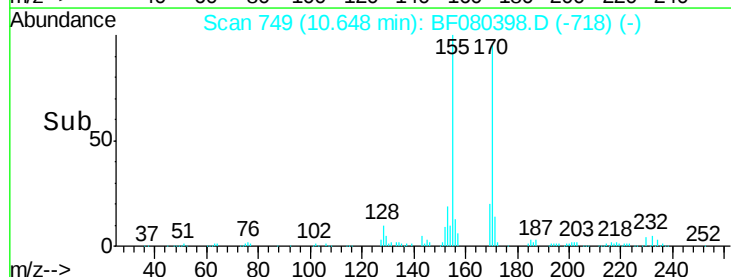
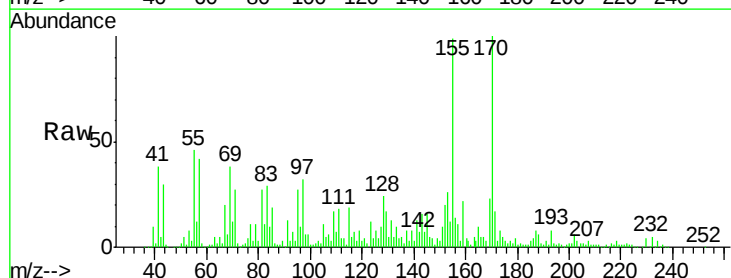
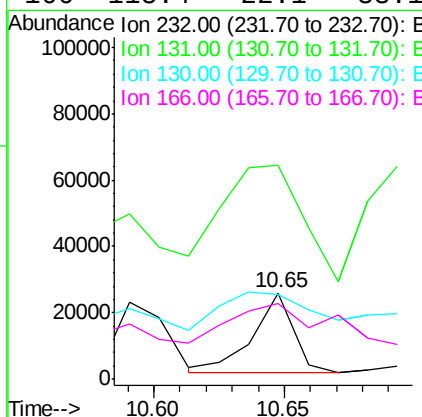
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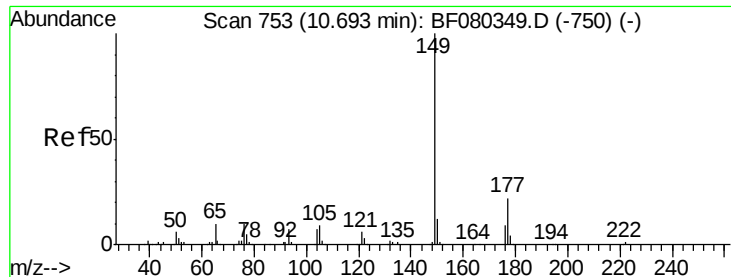
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 19.12 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.06 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	290.0	33.4	50.2#
130	141.1	1.8	2.6#
166	118.4	22.1	33.1#





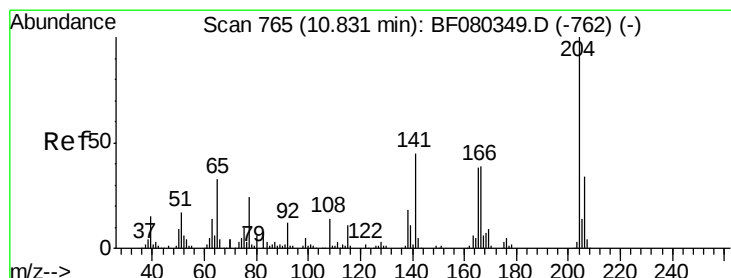
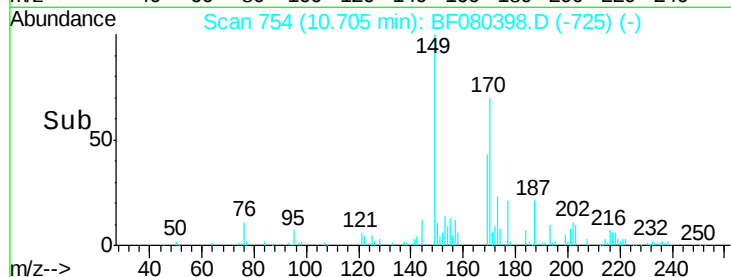
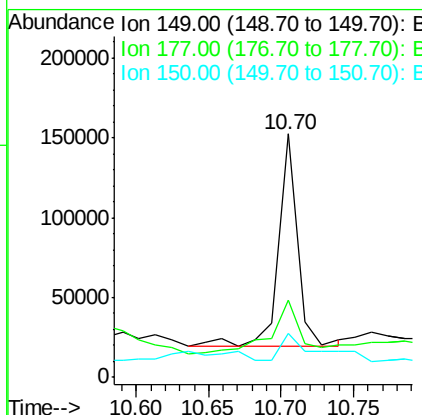
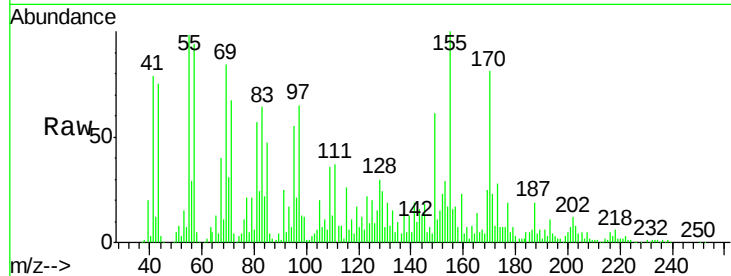
#59
Diethylphthalate
Concen: 22.58 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.03 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	124521		
177	31.9	17.6	26.4#	
150	18.0	10.0	15.0#	

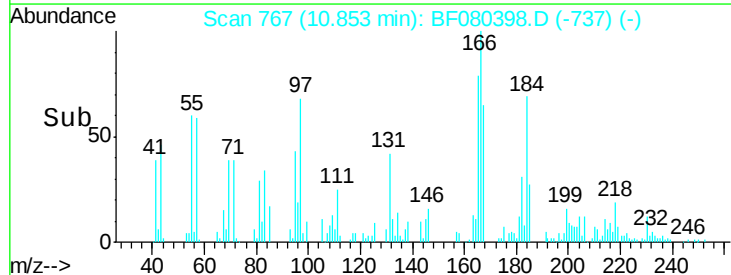
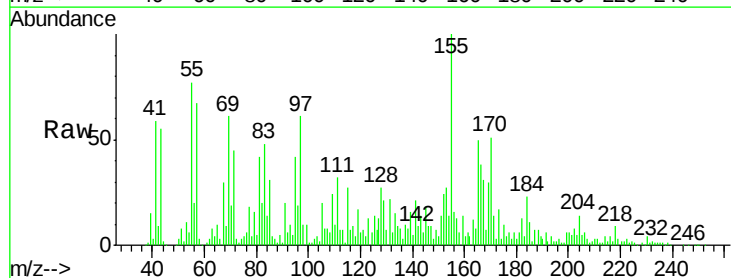
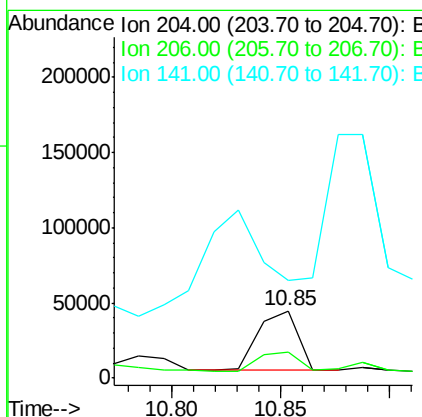
Manual Integrations
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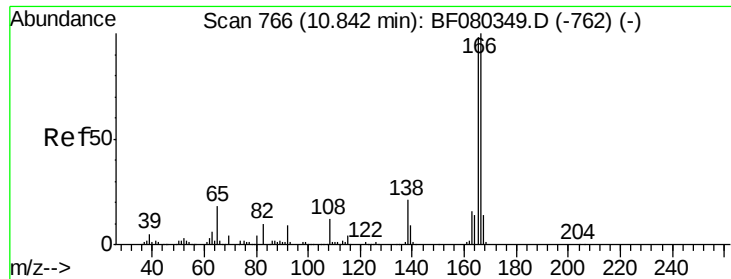
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 20.20 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.05 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	50755		
206	39.1	27.2	40.8	
141	144.8	35.9	53.9#	





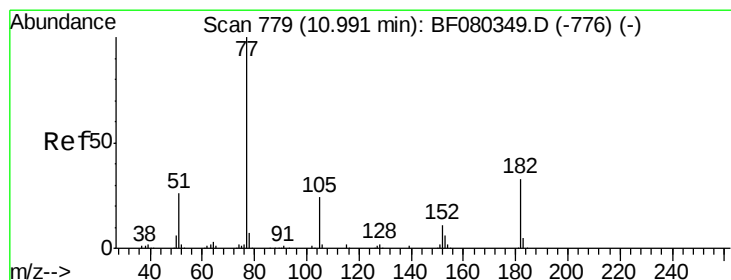
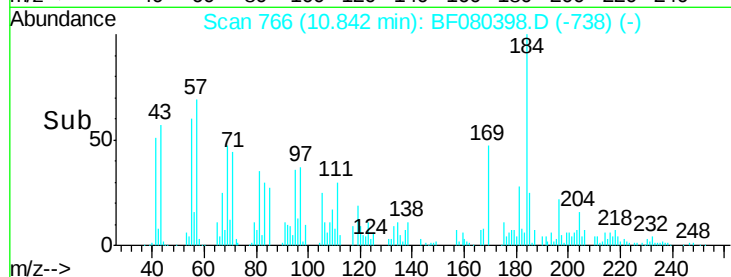
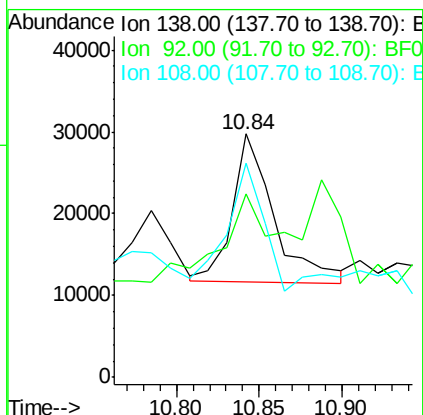
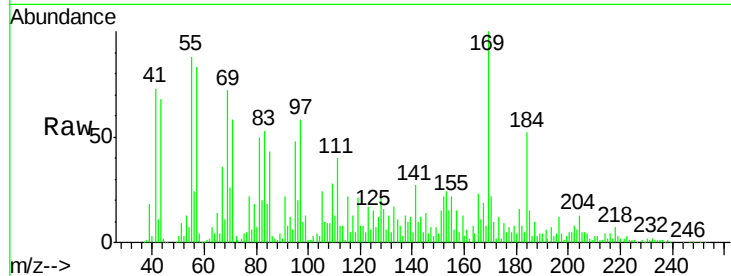
#61
4-Nitroaniline
Concen: 24.64 ng m
RT: 10.84 min Scan# 766
Delta R.T. 0.02 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	31102		
92	75.4	21.0	61.0#	
108	87.9	38.4	78.4#	

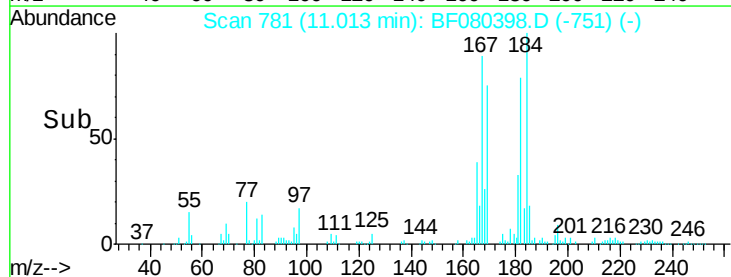
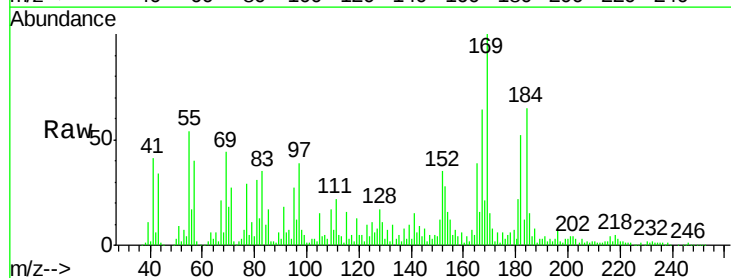
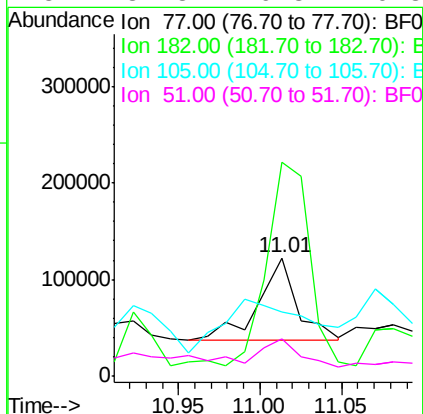
Manual Integrations
APPROVED

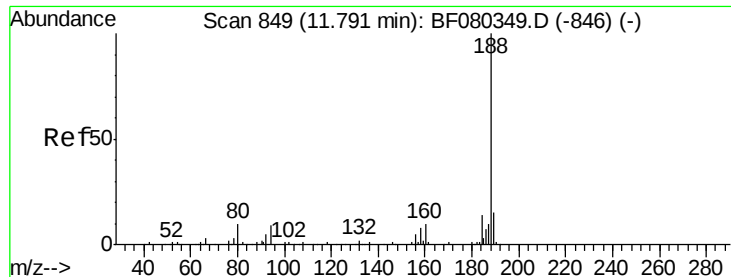
apatel
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#62
Azobenzene
Concen: 26.47 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.05 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	138653		
182	181.2	13.2	53.2#	
105	54.0	4.3	44.3#	
51	31.8	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.81 min Scan# 851

Delta R.T. 0.03 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

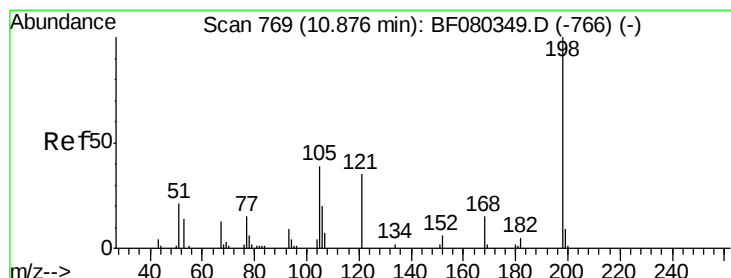
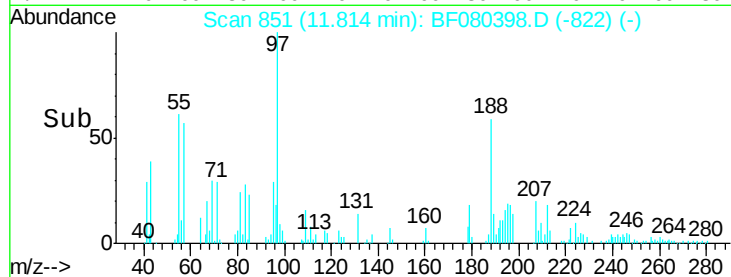
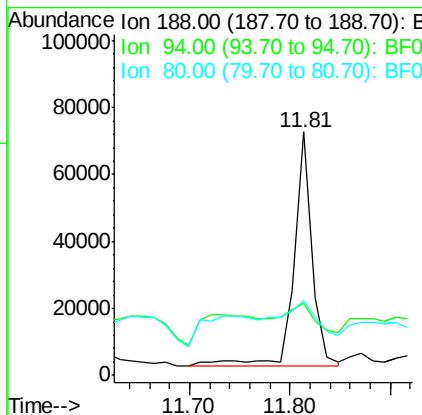
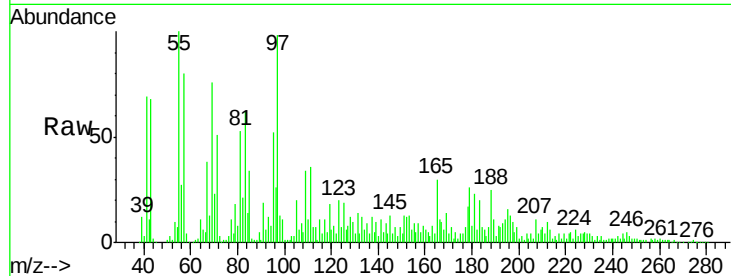
ClientSampleId :

SB-04-6.5-7.0-070115MS

Tgt Ion:	188	Resp:	87530
Ion Ratio	Lower	Upper	
188	100		
94	29.5	7.5	11.3#
80	30.5	8.3	12.5#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 23.77 ng

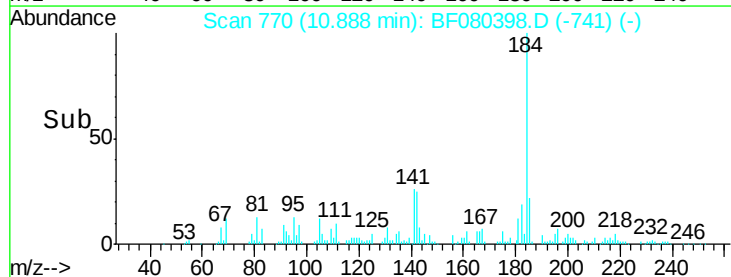
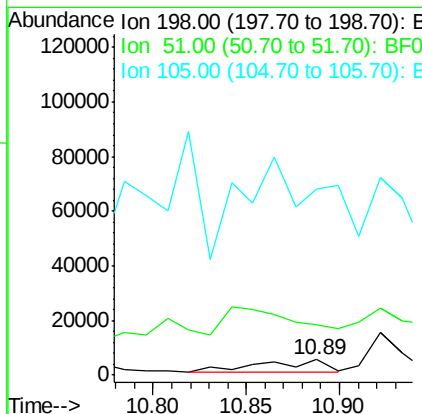
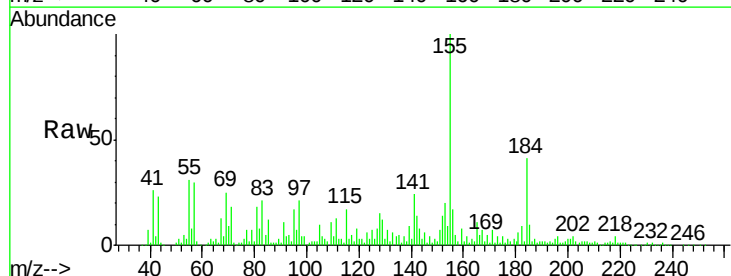
RT: 10.89 min Scan# 770

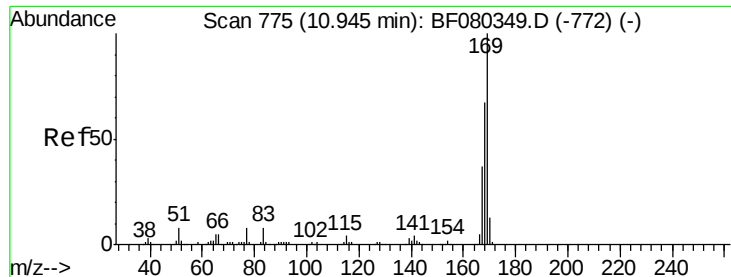
Delta R.T. 0.03 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion:	198	Resp:	10583
Ion Ratio	Lower	Upper	
198	100		
51	333.5	17.0	57.0#
105	1214.2	20.9	60.9#





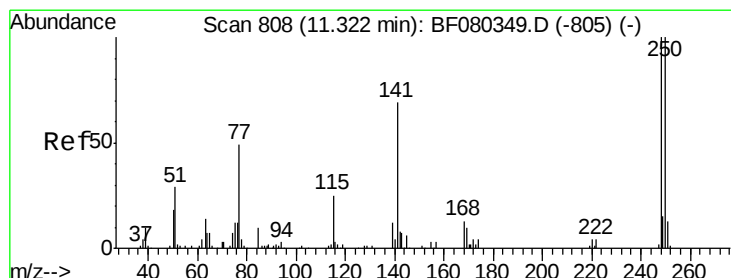
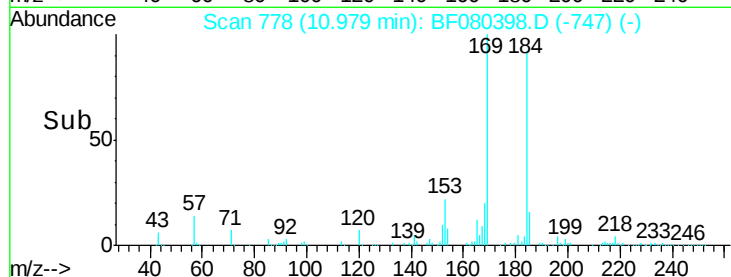
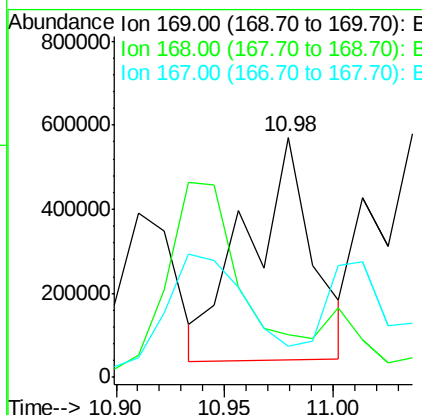
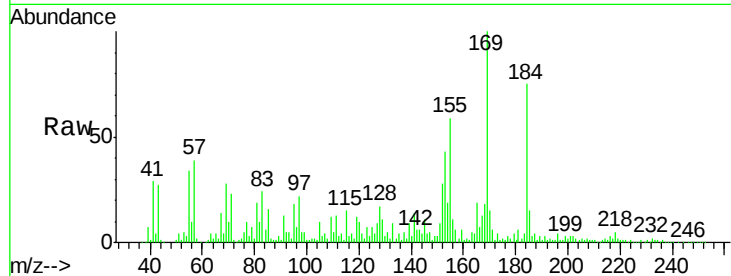
#65
n-Nitrosodiphenylamine
Concen: 395.60 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.06 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion:169 Resp: 1102967
Ion Ratio Lower Upper
169 100
168 17.8 53.5 80.3#
167 12.7 29.5 44.3#

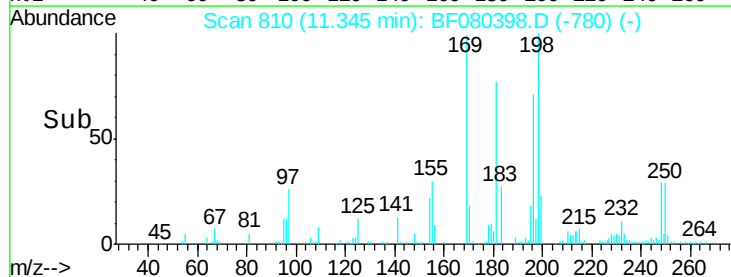
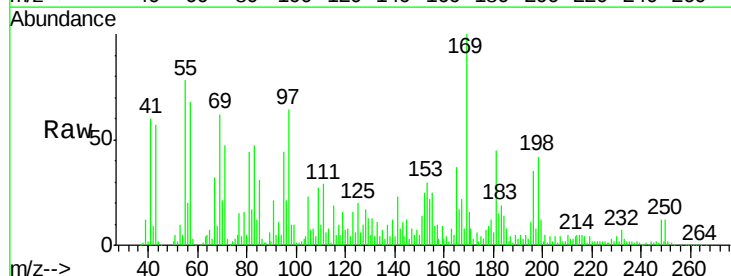
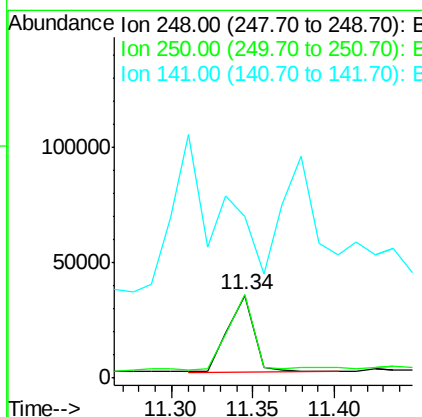
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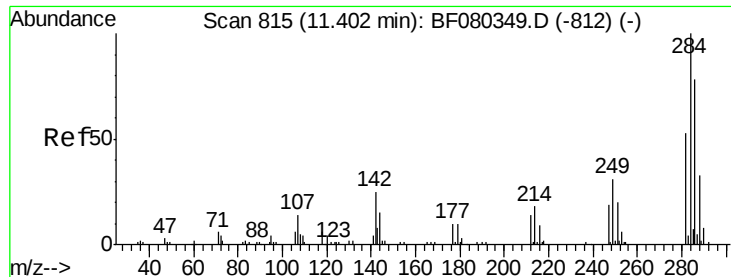
apatel
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#66
4-Bromophenyl-phenylether
Concen: 37.85 ng
RT: 11.34 min Scan# 810
Delta R.T. 0.05 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion:248 Resp: 37956
Ion Ratio Lower Upper
248 100
250 100.5 80.0 120.0
141 195.1 54.8 82.2#





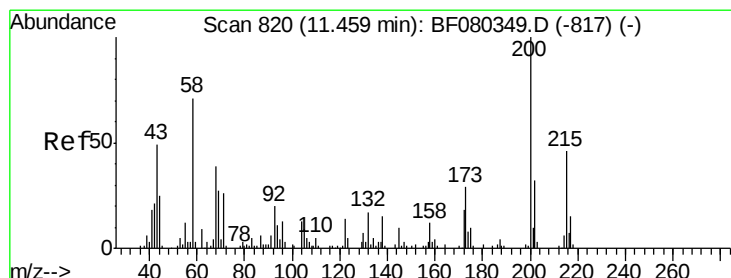
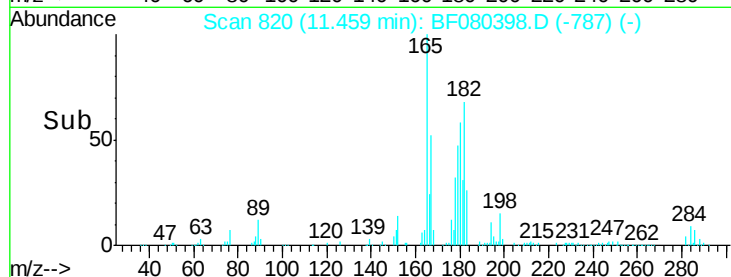
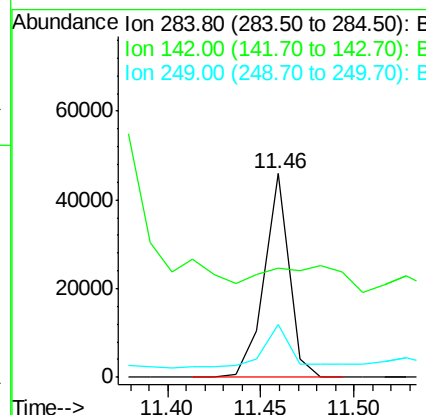
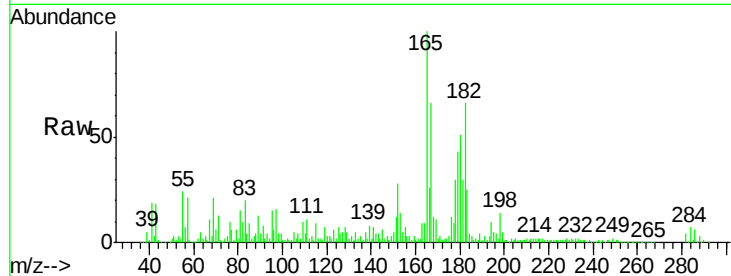
#67
Hexachlorobenzene
Concen: 40.01 ng
RT: 11.46 min Scan# 820
Delta R.T. 0.08 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	42079		
142	54.0	20.3	30.5#	
249	26.2	24.7	37.1	

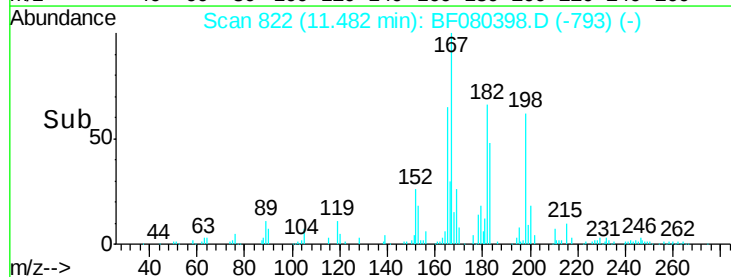
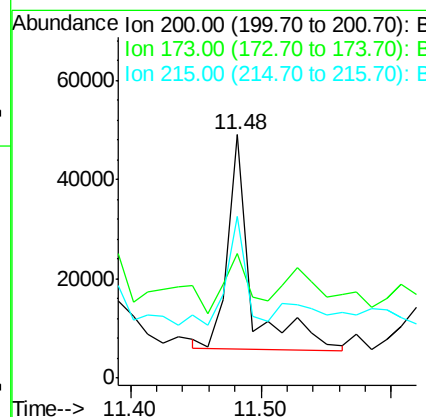
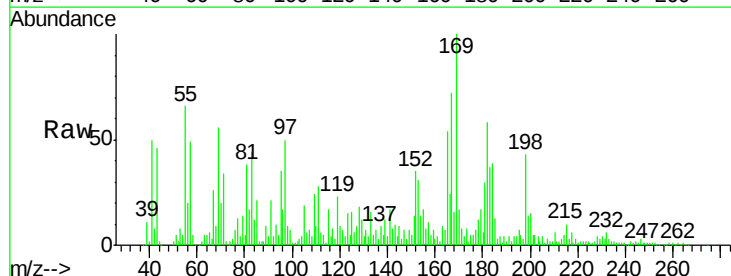
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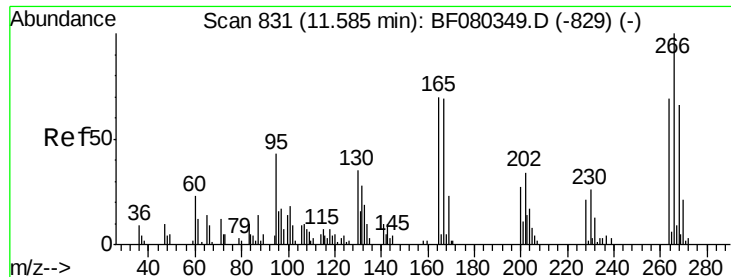
apatel
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#68
Atrazine
Concen: 65.36 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.03 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	54250		
173	51.1	9.9	49.9#	
215	66.2	26.2	66.2#	





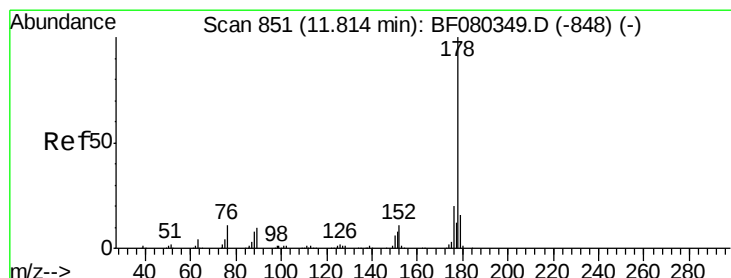
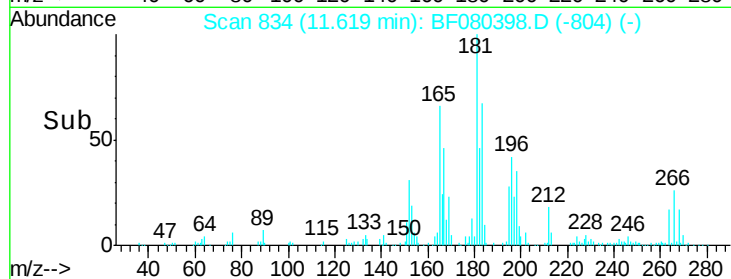
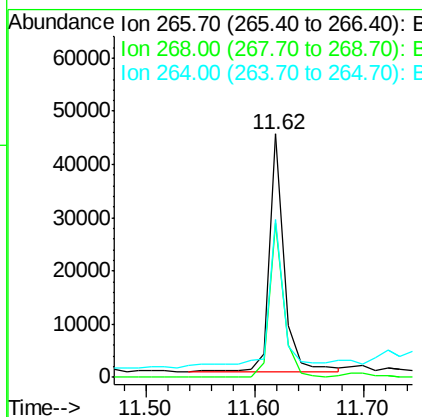
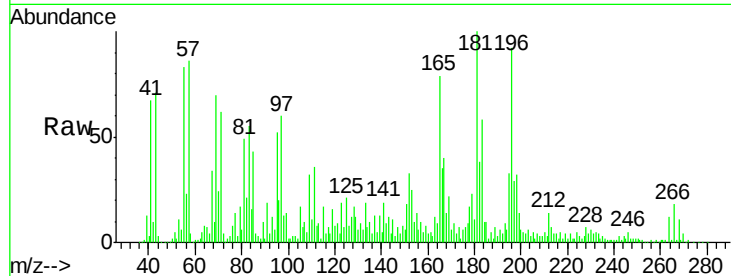
#69
 Pentachlorophenol
 Concen: 81.19 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.05 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.7	79.1
264	64.7	55.0	82.6

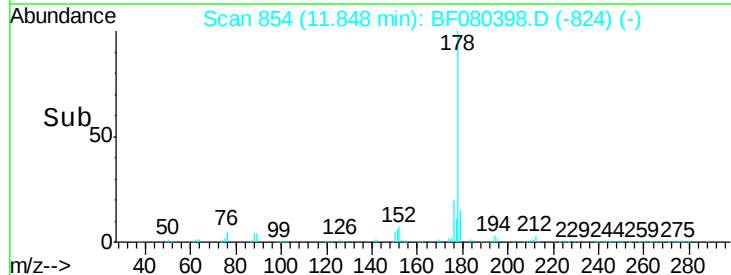
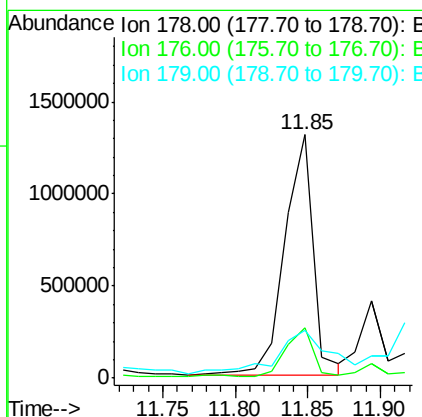
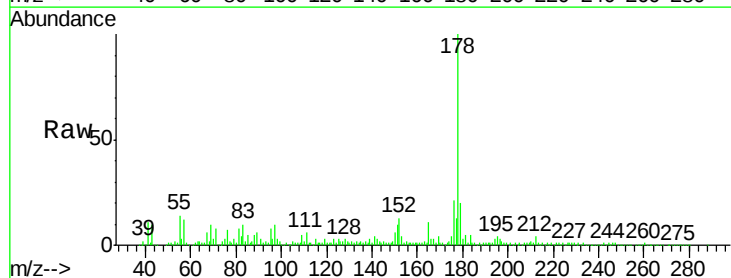
Manual Integrations
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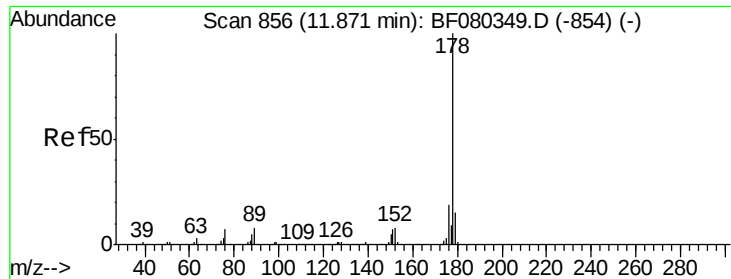
apatel
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#70
 Phenanthrene
 Concen: 338.86 ng
 RT: 11.85 min Scan# 854
 Delta R.T. 0.05 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

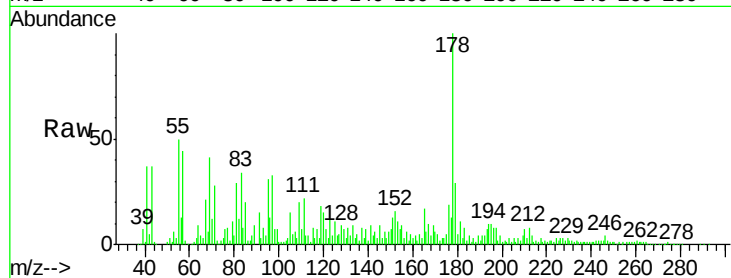
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.1	24.1
179	19.8	12.6	18.8





#71
 Anthracene
 Concen: 84.95 ng
 RT: 11.89 min Scan# 858
 Delta R.T. 0.03 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

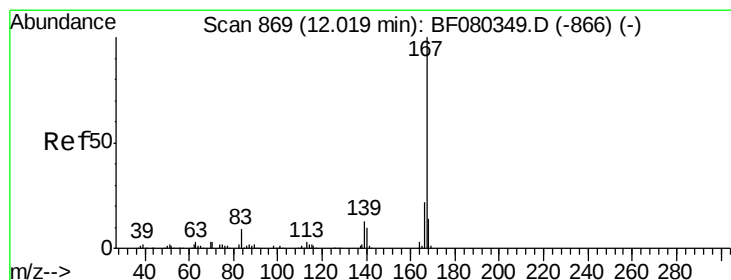
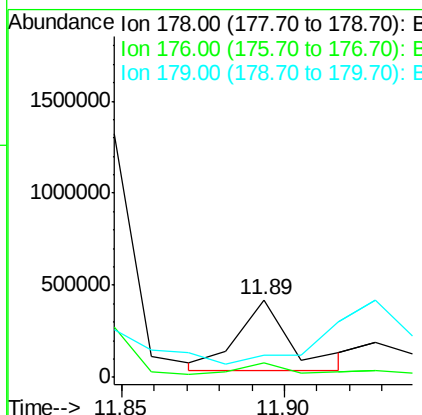
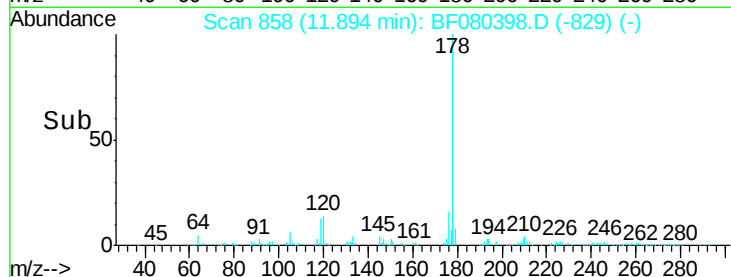
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	28.8	12.3	18.5

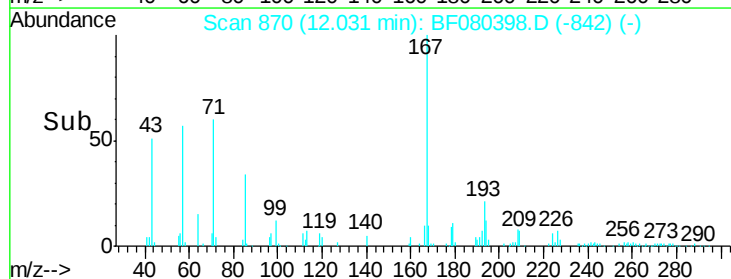
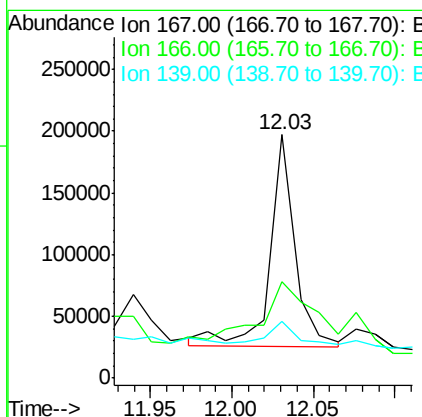
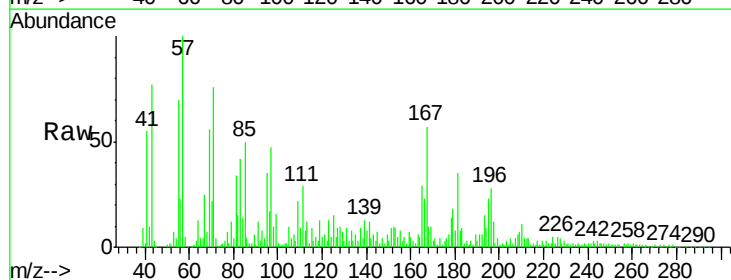
Manual Integrations
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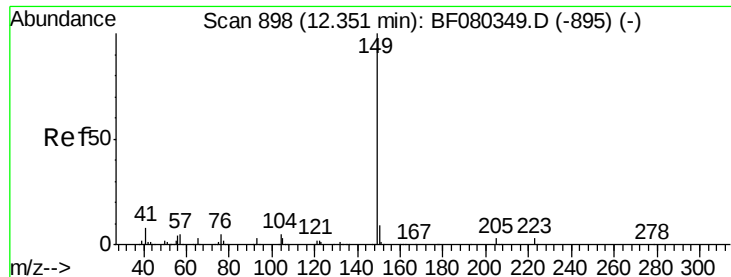
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#72
 Carbazole
 Concen: 38.61 ng
 RT: 12.03 min Scan# 870
 Delta R.T. 0.02 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	39.4	17.8	26.6
139	23.4	10.4	15.6





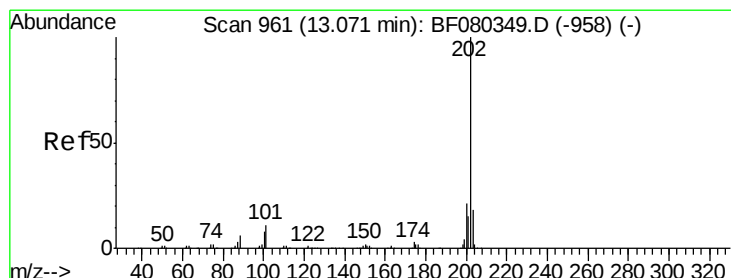
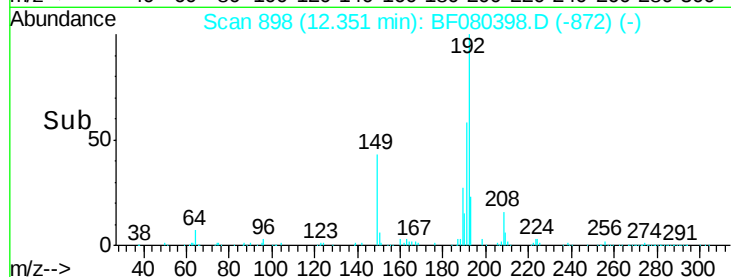
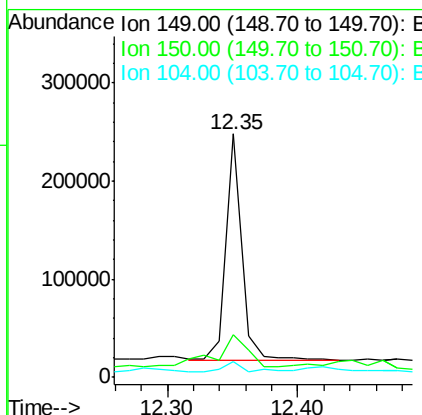
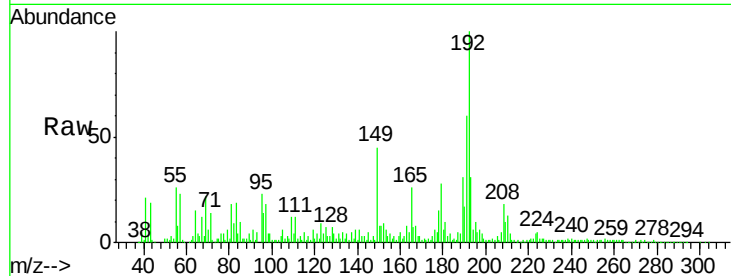
#73
Di-n-butylphthalate
Concen: 35.58 ng
RT: 12.35 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	17.6	7.5	11.3#
104	6.7	3.9	5.9#

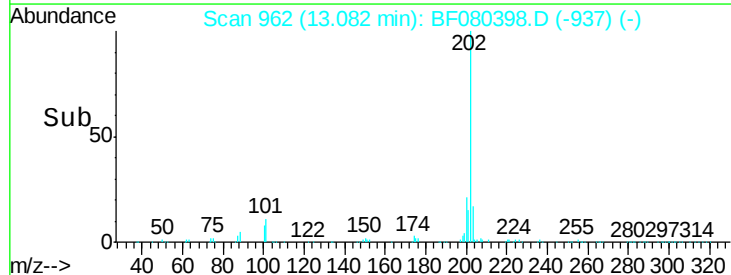
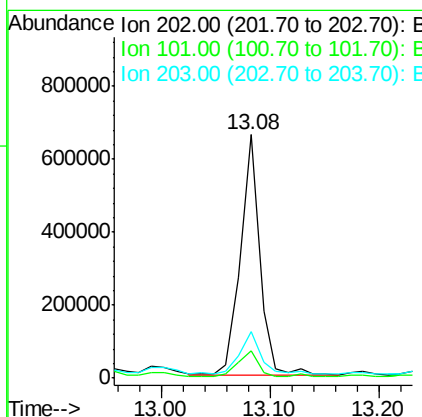
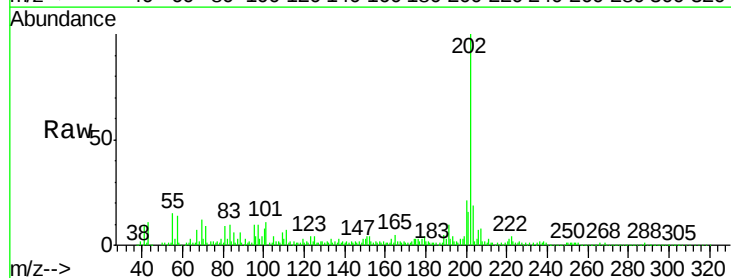
Manual Integrations
APPROVED

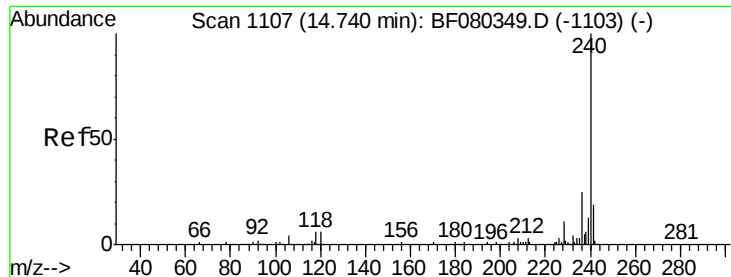
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#74
Fluoranthene
Concen: 142.41 ng
RT: 13.08 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.3	0.0	31.0
203	18.9	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.18 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

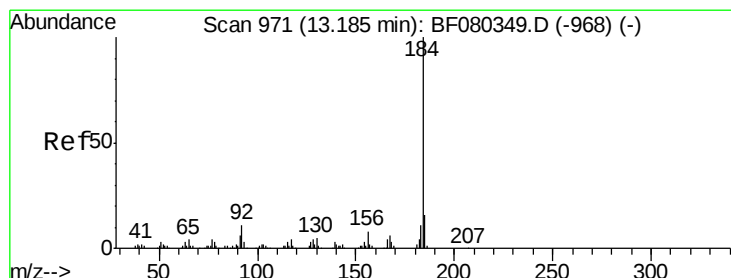
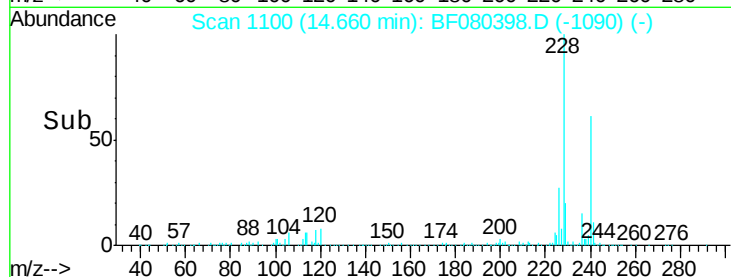
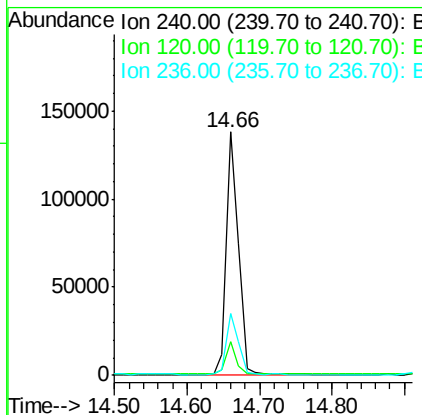
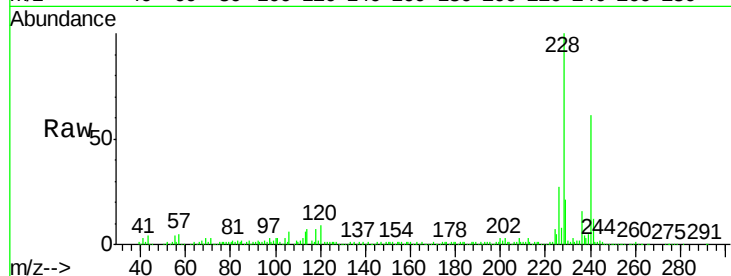
ClientSampleId :

SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.1	7.7#
236	25.6	20.4	30.6

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#76

Benzidine

Concen: 33.31 ng m

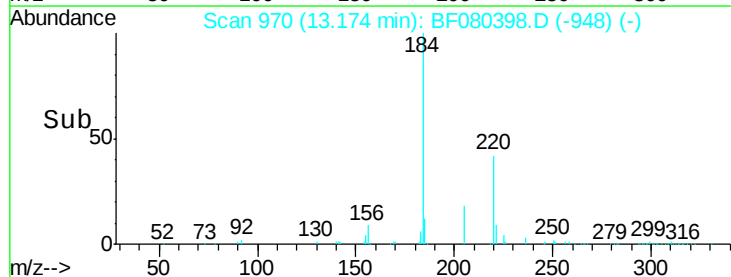
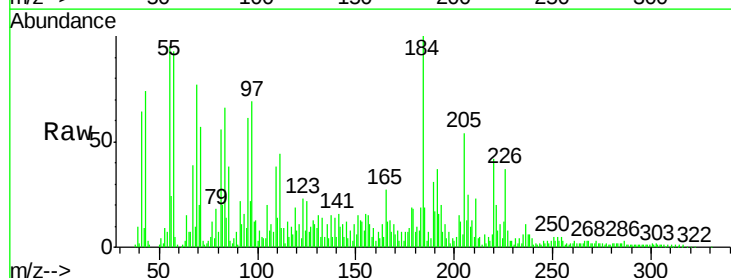
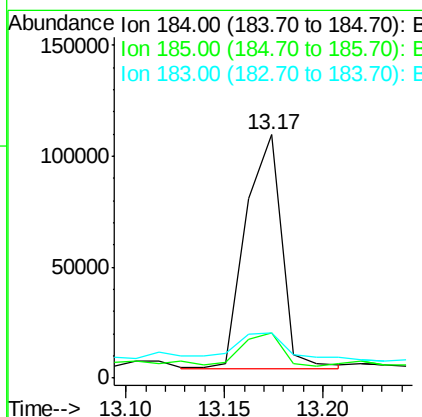
RT: 13.17 min Scan# 970

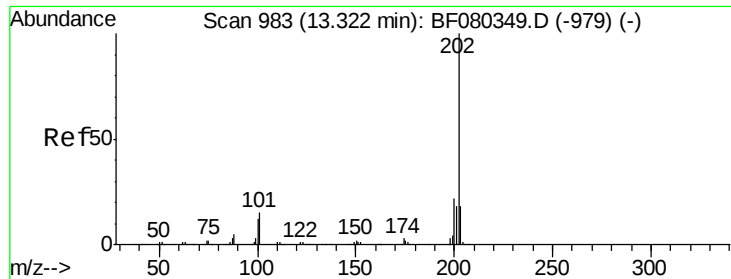
Delta R.T. -0.05 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.6	19.0
183	18.6	9.2	13.8#





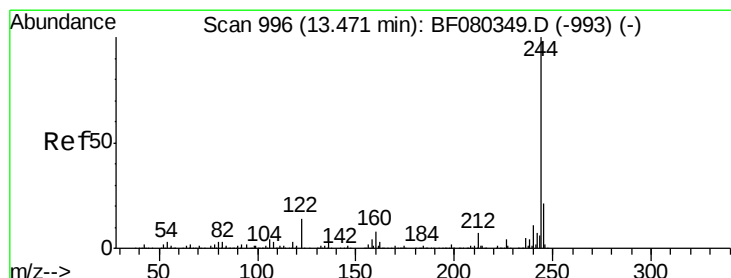
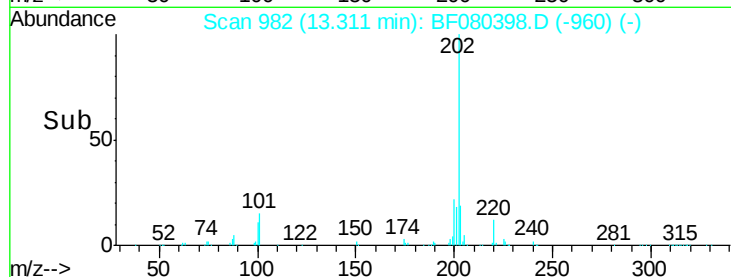
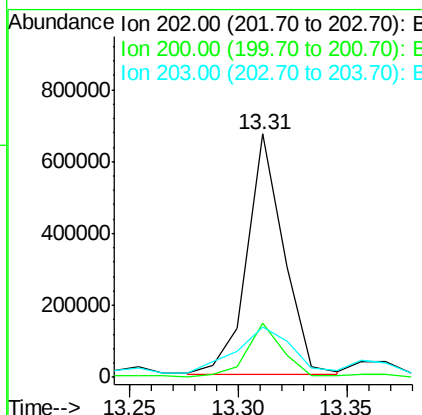
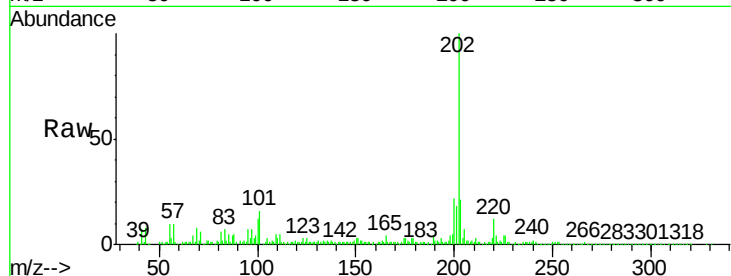
#77
Pyrene
Concen: 81.14 ng m
RT: 13.31 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	782417		
200	22.0		17.2	25.8
203	20.7		14.3	21.5

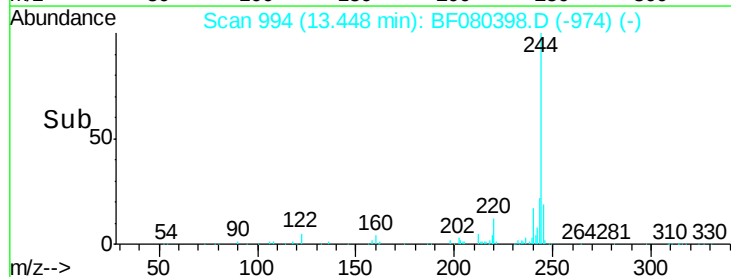
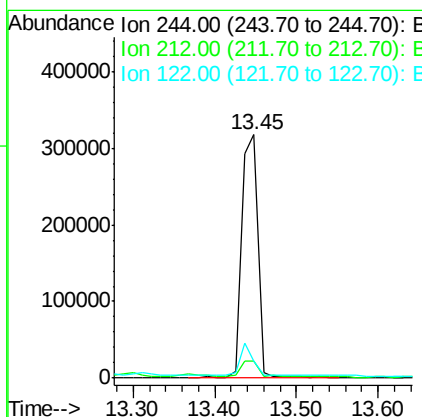
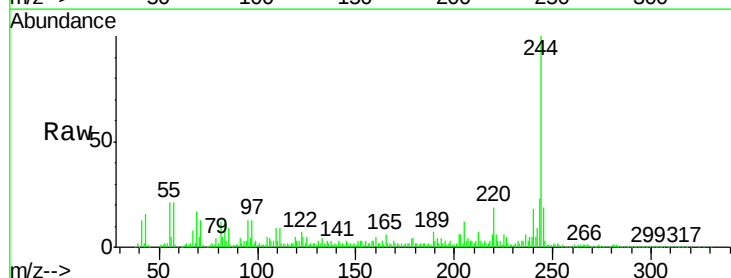
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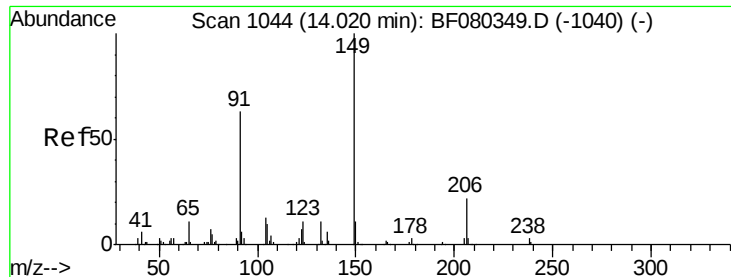
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#78
Terphenyl-d14
Concen: 63.17 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.07 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	431753		
212	6.7		5.8	8.8
122	6.8		11.1	16.7#





#79

Butylbenzylphthalate

Concen: 42.52 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.14 min

Lab File: BF080398.D

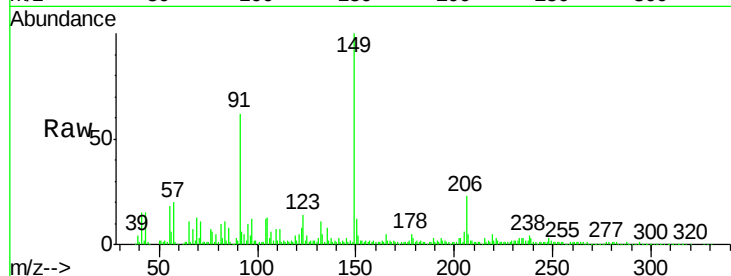
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

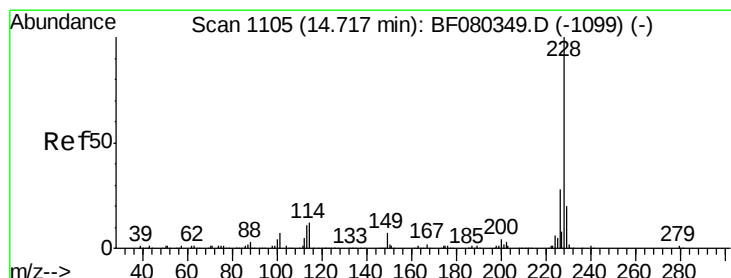
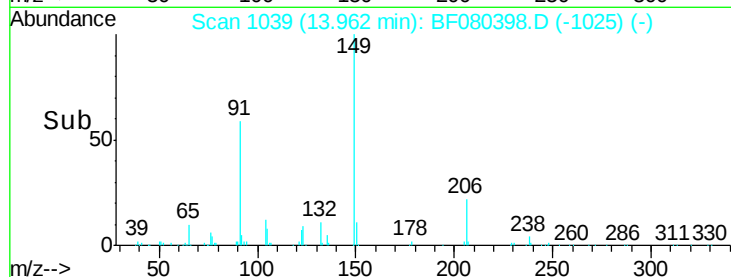
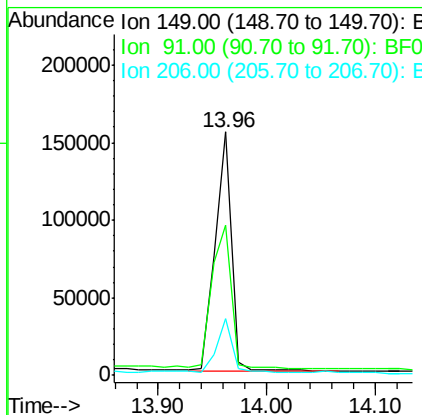
SB-04-6.5-7.0-070115MS



Tgt Ion:	149	Resp:	163637
Ion Ratio	Lower	Upper	
149	100		
91	61.6	50.8	76.2
206	23.2	17.6	26.4

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#80

Benzo(a)anthracene

Concen: 57.33 ng

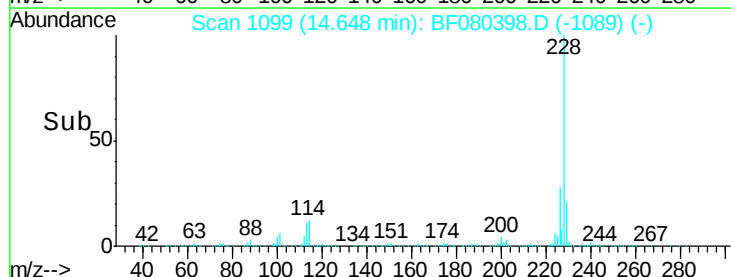
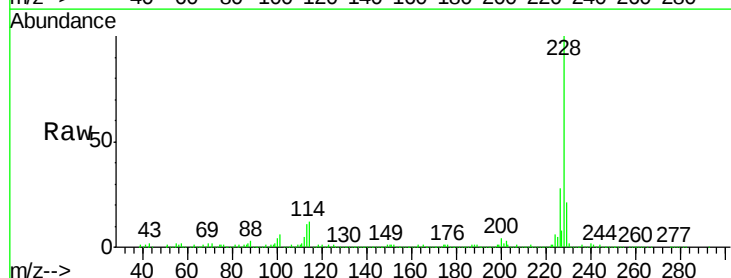
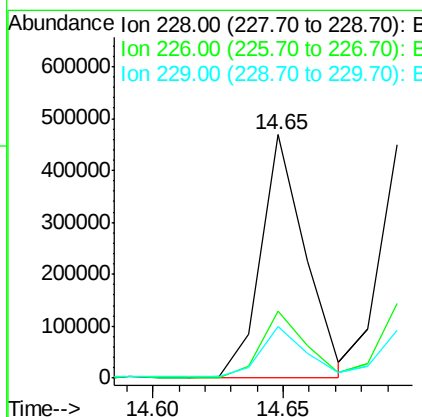
RT: 14.65 min Scan# 1099

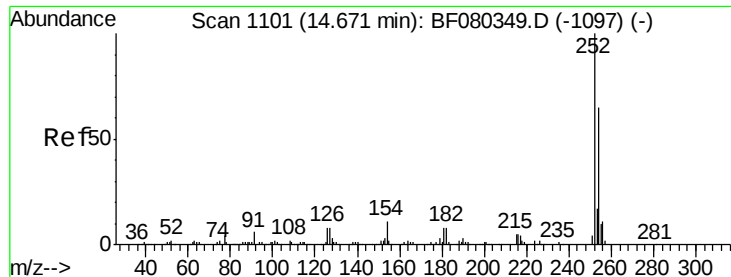
Delta R.T. -0.18 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion:	228	Resp:	550883
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.2	33.4
229	21.0	16.0	24.0





#81

3,3'-Dichlorobenzidine

Concen: 29.73 ng

RT: 14.59 min Scan# 1094

Delta R.T. -0.19 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

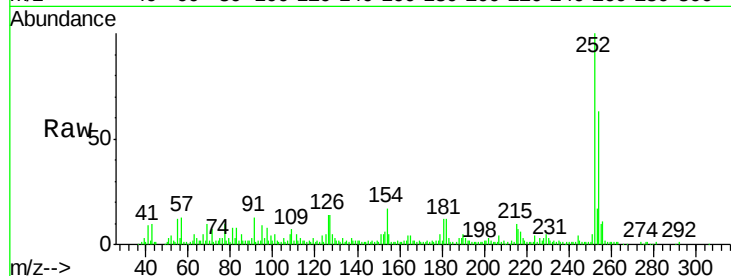
ClientSampleId :

SB-04-6.5-7.0-070115MS

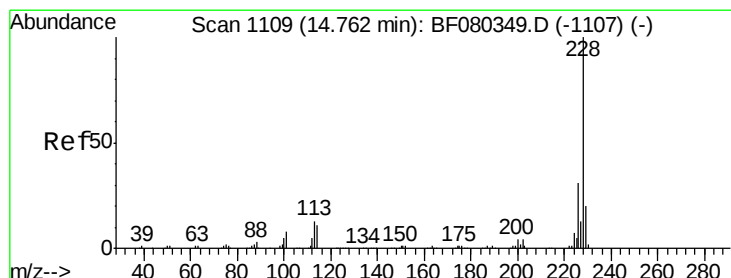
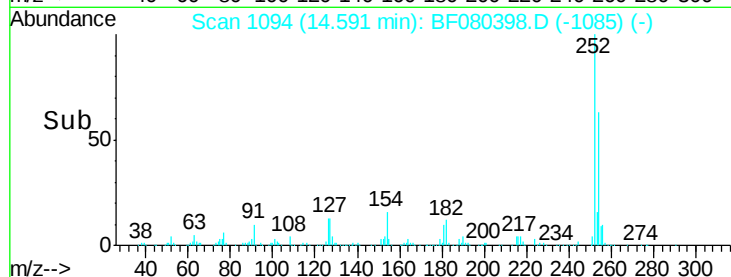
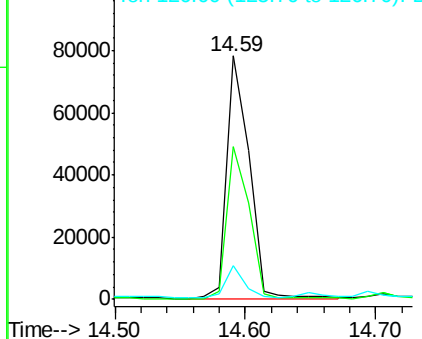
Tgt Ion:	252	Resp:	94732
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.7	77.5
126	14.1	6.3	9.5#

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



#82

Chrysene

Concen: 53.37 ng

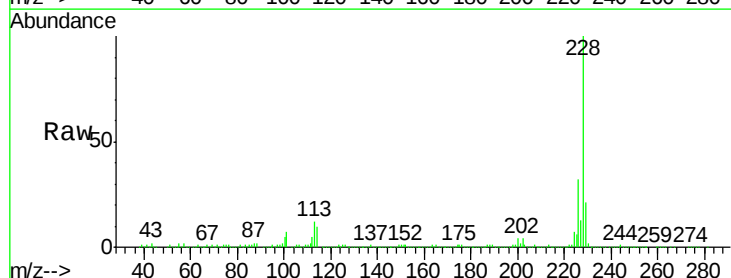
RT: 14.69 min Scan# 1103

Delta R.T. -0.18 min

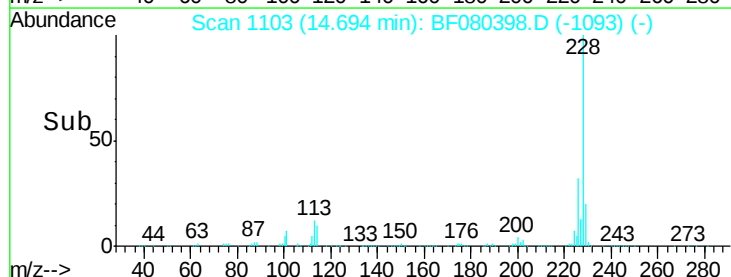
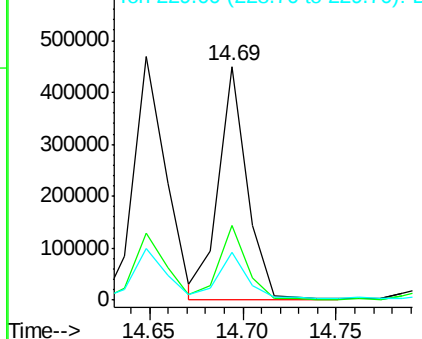
Lab File: BF080398.D

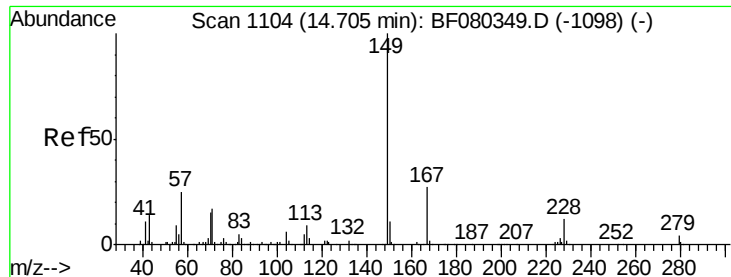
Acq: 8 Jul 2015 20:19

Tgt Ion:	228	Resp:	479809
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.0	37.4
229	20.7	16.1	24.1



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





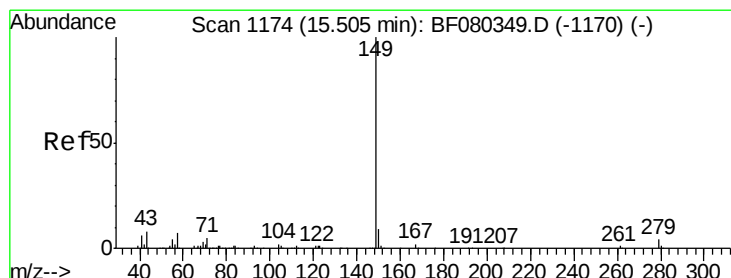
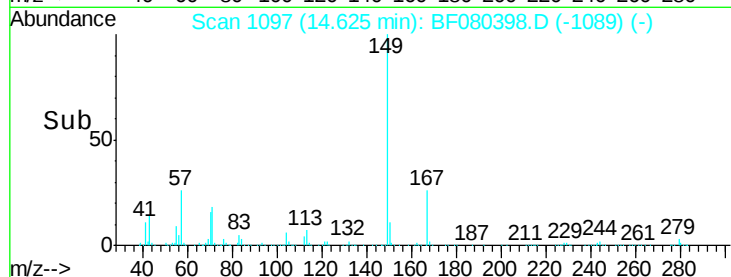
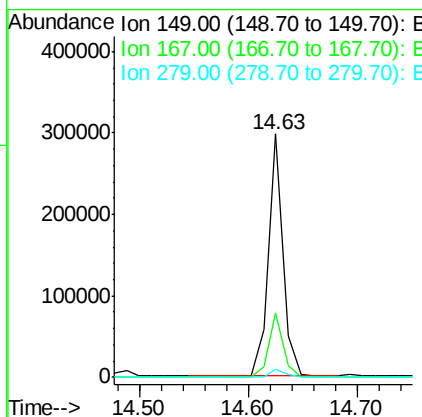
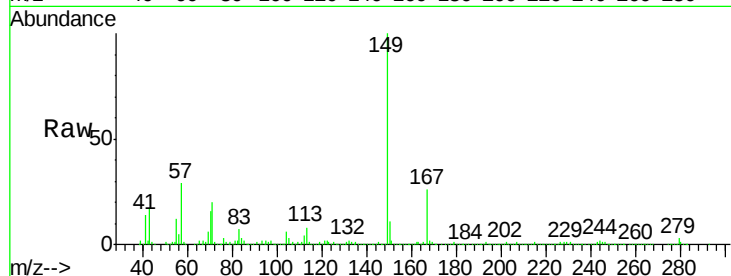
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.18 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.21 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	26.3	21.4	32.0
279	3.2	2.9	4.3

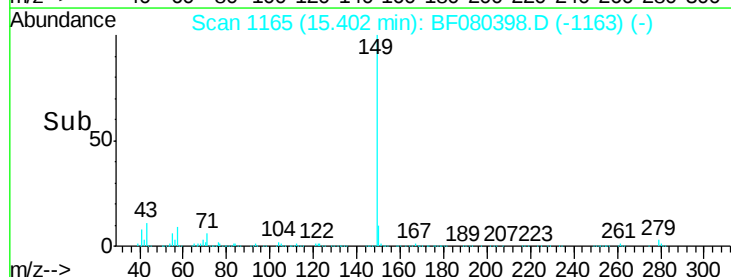
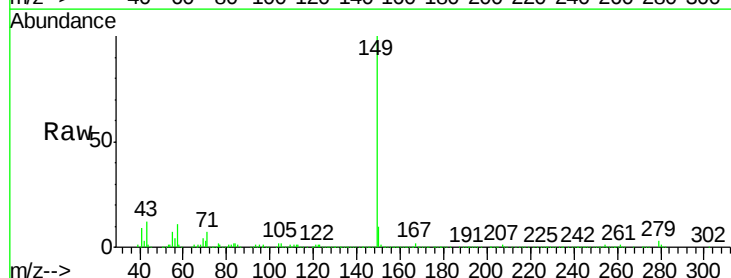
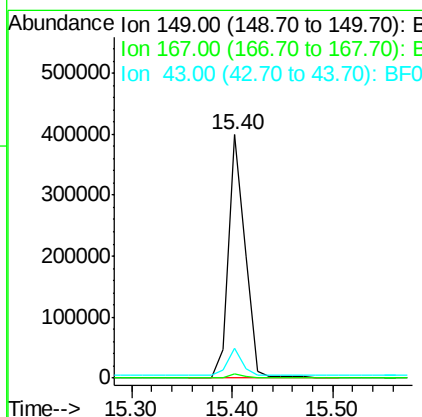
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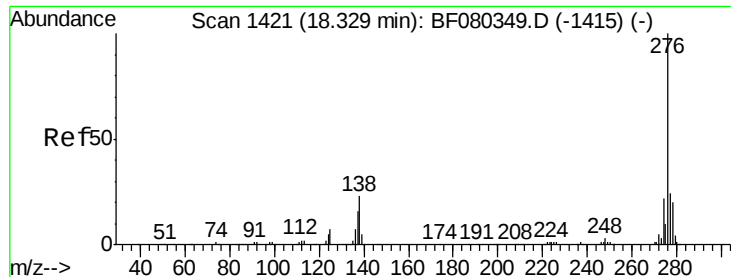
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#84
 Di-n-octyl phthalate
 Concen: 46.86 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.27 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.1	13.7





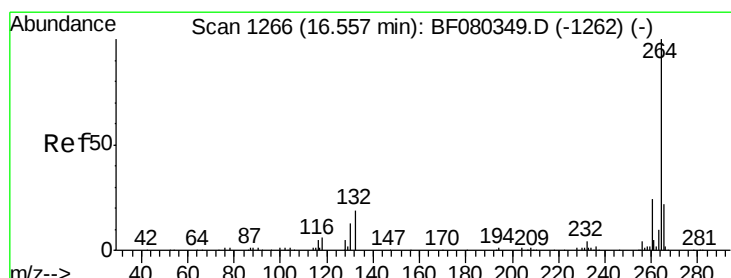
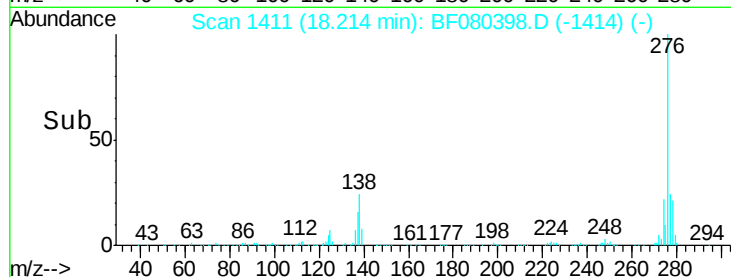
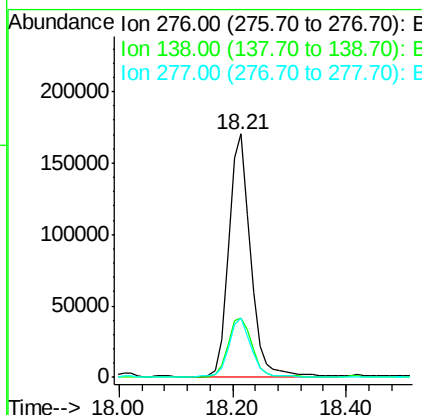
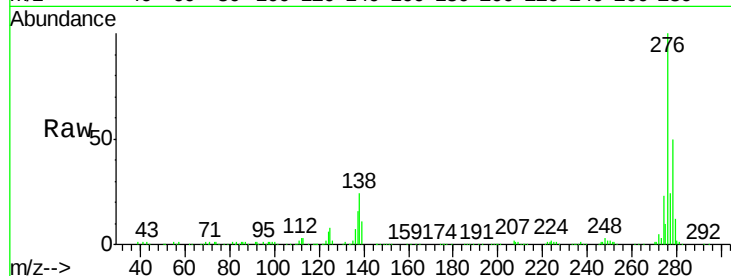
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.24 ng
 RT: 18.21 min Scan# 1411
 Delta R.T. -0.33 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	19.7	29.5
277	25.9	19.4	29.0

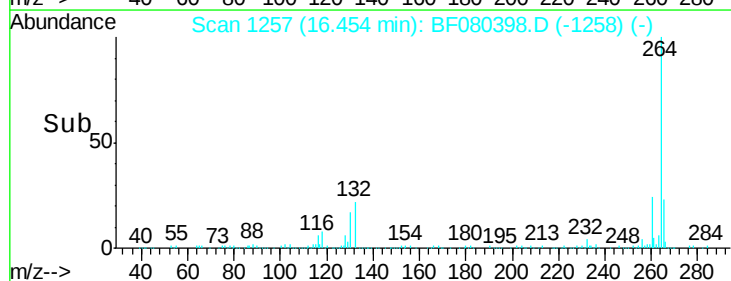
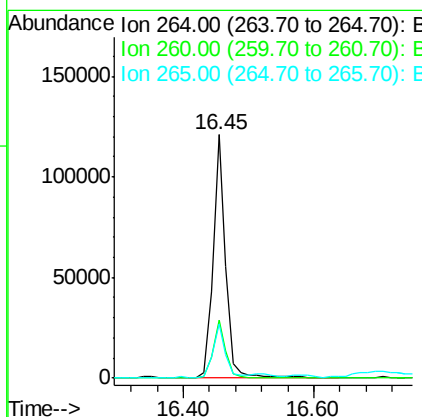
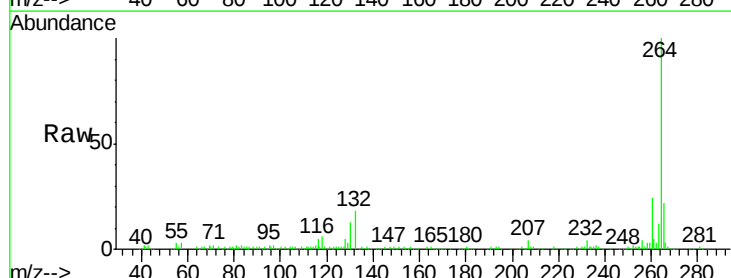
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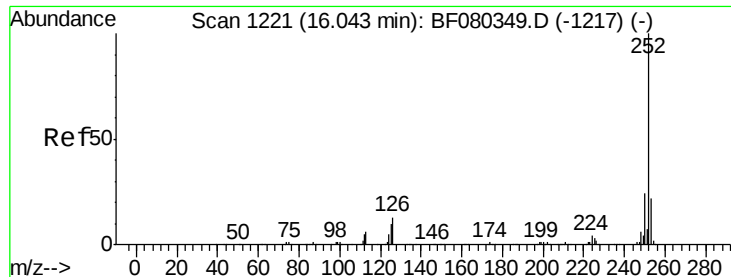
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.45 min Scan# 1257
 Delta R.T. -0.31 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.6	26.4





#87

Benzo(b)fluoranthene

Concen: 47.35 ng

RT: 15.95 min Scan# 1213

Delta R.T. -0.30 min

Lab File: BF080398.D

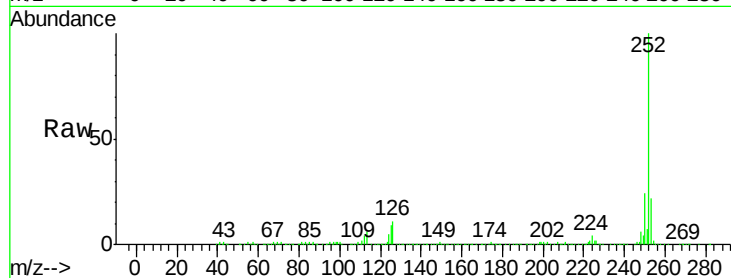
Acq: 8 Jul 2015 20:19

Instrument :

BNA_F

ClientSampleId :

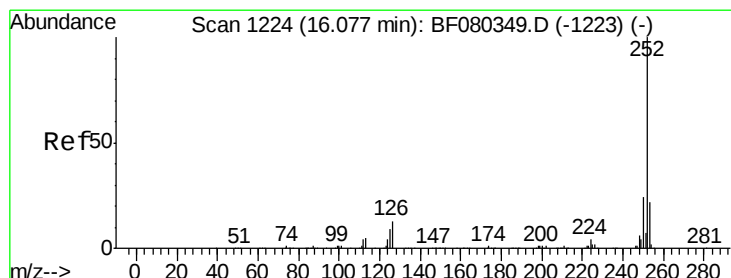
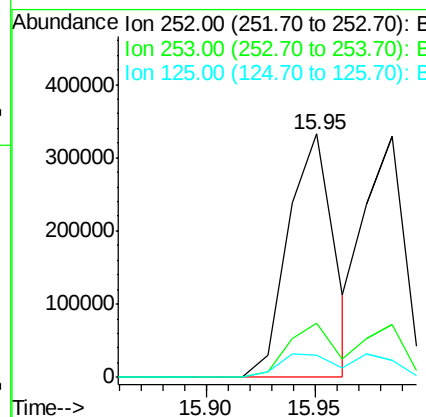
SB-04-6.5-7.0-070115MS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.2	7.7	11.5

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#88

Benzo(k)fluoranthene

Concen: 44.23 ng m

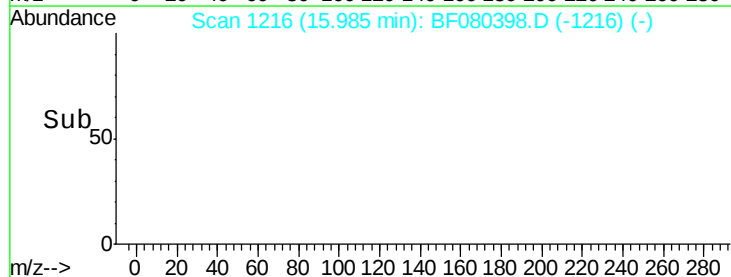
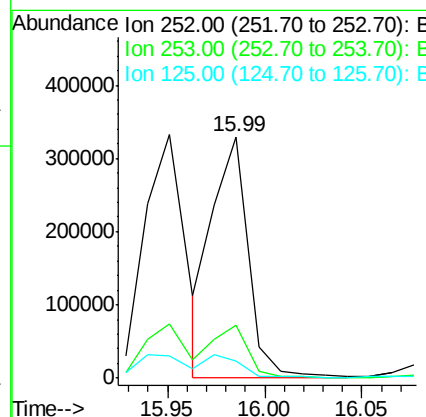
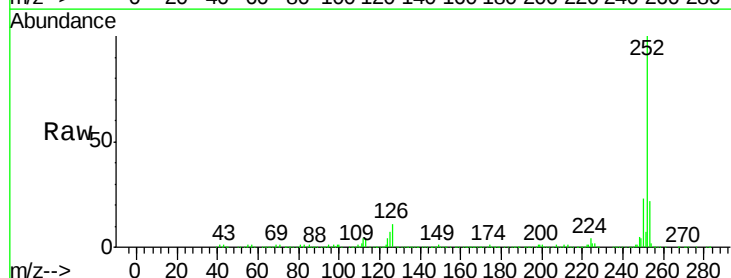
RT: 15.99 min Scan# 1216

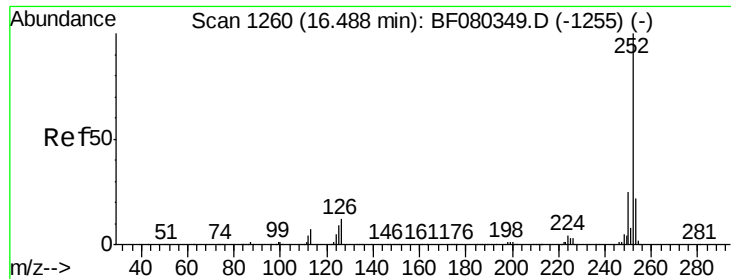
Delta R.T. -0.30 min

Lab File: BF080398.D

Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	7.3	8.5	12.7#





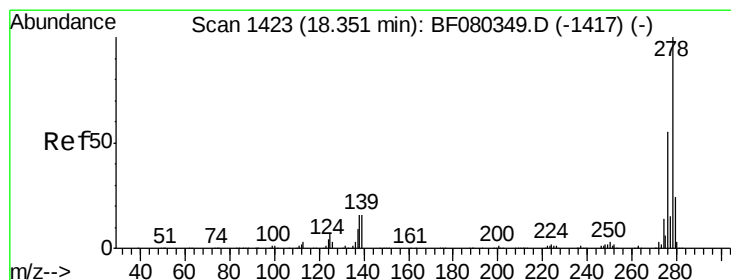
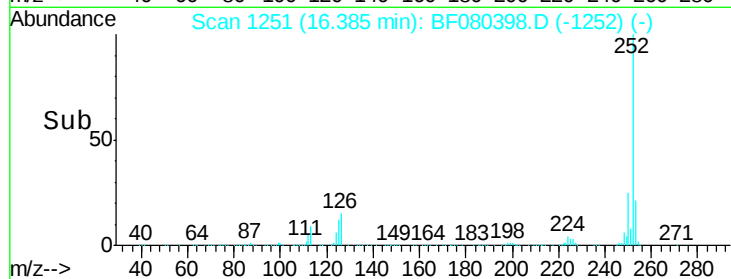
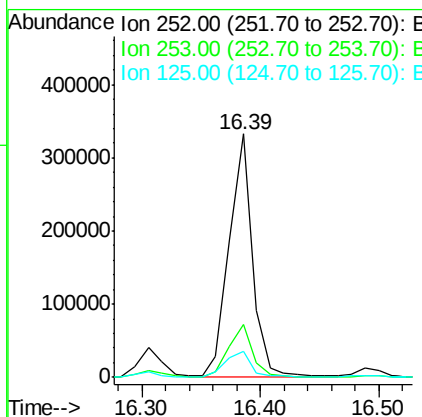
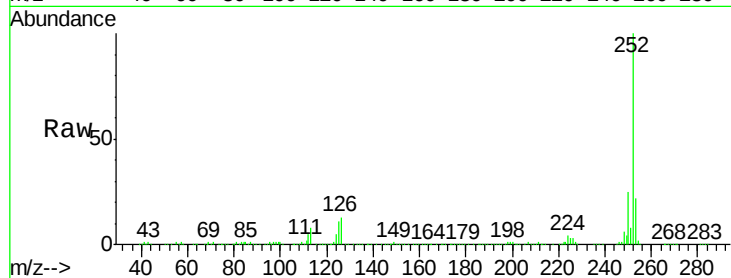
#89
Benzo(a)pyrene
Concen: 48.34 ng
RT: 16.39 min Scan# 1251
Delta R.T. -0.31 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Instrument :
BNA_F
ClientSampleId :
SB-04-6.5-7.0-070115MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.5	7.3	10.9

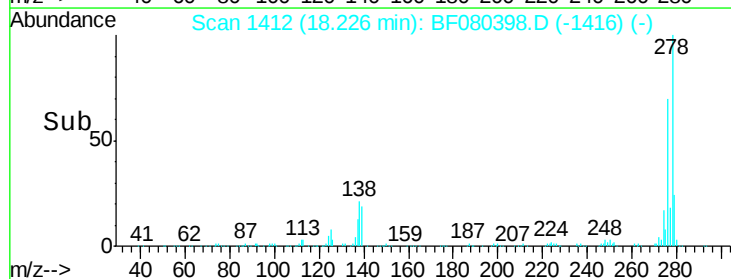
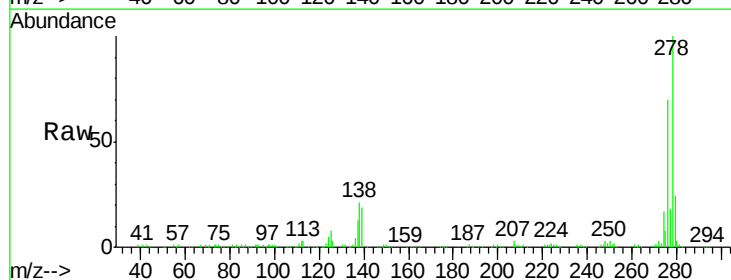
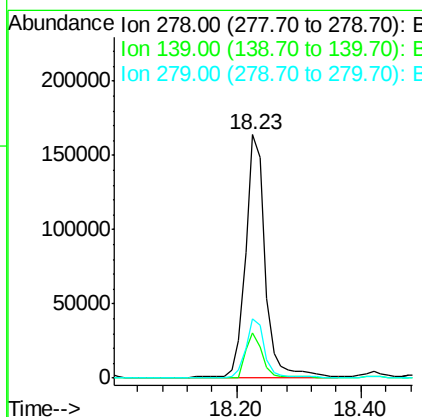
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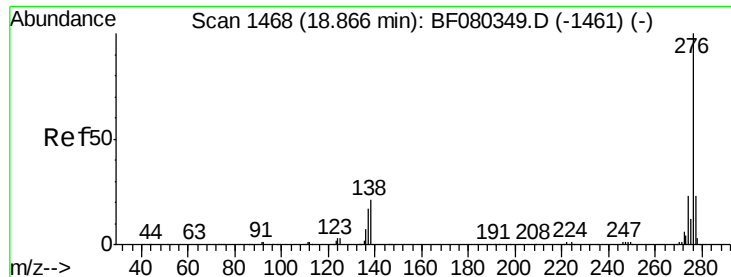
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#90
Dibenzo(a,h)anthracene
Concen: 38.77 ng
RT: 18.23 min Scan# 1412
Delta R.T. -0.34 min
Lab File: BF080398.D
Acq: 8 Jul 2015 20:19

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.6	13.0	19.6
279	24.4	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 40.76 ng
 RT: 18.74 min Scan# 1457
 Delta R.T. -0.34 min
 Lab File: BF080398.D
 Acq: 8 Jul 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-6.5-7.0-070115MS

Tgt Ion:	276	Resp:	384005
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.6	28.0
138	22.2	16.8	25.2

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