

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080395.D
 Acq On : 8 Jul 2015 18:51
 Operator : TP/UM
 Sample : PB84396BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84396BS

Quant Time: Jul 09 01:01:18 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	36900	20.00	ng	0.00
21) Naphthalene-d8	8.50	136	144752	20.00	ng	0.00
38) Acenaphthene-d10	10.26	164	70497	20.00	ng	-0.01
63) Phenanthrene-d10	11.77	188	151430	20.00	ng	-0.01
75) Chrysene-d12	14.65	240	169412	20.00	ng	-0.19
86) Perylene-d12	16.43	264	152669	20.00	ng	-0.33

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	238250	118.25	ng	0.00
7) Phenol-d6	6.82	99	301352	112.84	ng	0.00
23) Nitrobenzene-d5	7.77	82	178153	71.79	ng	0.00
41) 2,4,6-Tribromophenol	11.06	330	90823	123.12	ng	0.00
44) 2-Fluorobiphenyl	9.57	172	413096	79.08	ng	0.00
78) Terphenyl-d14	13.43	244	516337	71.09	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.99	88	28544	30.00	ng	95
3) Pyridine	3.85	79	71246	29.43	ng	95
4) n-Nitrosodimethylamine	3.74	42	41500	36.48	ng	# 93
6) Aniline	6.86	93	80679	21.82	ng	99
8) 2-Chlorophenol	6.99	128	86201	36.91	ng	97
9) Benzaldehyde	6.75	77	42714	28.76	ng	99
10) Phenol	6.83	94	108381	37.42	ng	98
11) bis(2-Chloroethyl)ether	6.92	93	75789	34.69	ng	99
12) 1,3-Dichlorobenzene	7.15	146	97016	33.84	ng	98
13) 1,4-Dichlorobenzene	7.15	146	97016	36.23	ng	95
14) 1,2-Dichlorobenzene	7.38	146	94792	34.98	ng	98
15) Benzyl Alcohol	7.33	79	75432	36.49	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.47	45	128518	36.38	ng	99
17) 2-Methylphenol	7.45	107	64426	35.59	ng	96
18) Hexachloroethane	7.72	117	29232	33.98	ng	# 61
19) n-Nitroso-di-n-propylamine	7.61	70	58928	34.00	ng	98
20) 3+4-Methylphenols	7.60	107	93123	36.91	ng	98
22) Acetophenone	7.61	105	124675	37.33	ng	# 99
24) Nitrobenzene	7.78	77	88486	35.49	ng	99
25) Isophorone	8.02	82	172129	36.03	ng	99
26) 2-Nitrophenol	8.11	139	37300	34.57	ng	99
27) 2,4-Dimethylphenol	8.13	122	82253	38.75	ng	99
28) bis(2-Chloroethoxy)methane	8.22	93	105906	35.70	ng	98
29) 2,4-Dichlorophenol	8.35	162	70817	37.58	ng	98
30) 1,2,4-Trichlorobenzene	8.44	180	73320	32.73	ng	99
31) Naphthalene	8.52	128	246948	33.26	ng	99
32) Benzoic acid	8.20	122	38837	37.24	ng	96
33) 4-Chloroaniline	8.56	127	65543	22.15	ng	98
34) Hexachlorobutadiene	8.64	225	45925	33.70	ng	98
35) Caprolactam	8.89	113	21904	37.63	ng	# 85
36) 4-Chloro-3-methylphenol	9.02	107	72302	37.18	ng	98
37) 2-Methylnaphthalene	9.21	142	165513	34.96	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	80588	36.07	ng	97
40) Hexachlorocyclopentadiene	9.37	237	63934	69.82	ng	98

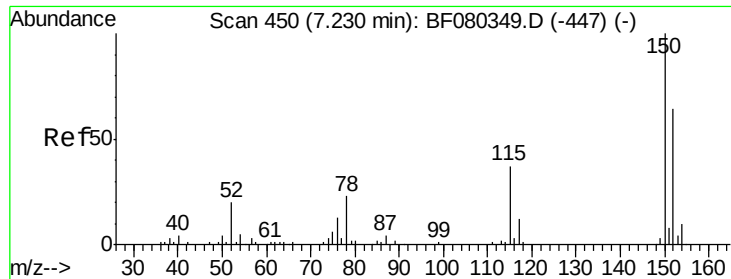
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070815\
 Data File : BF080395.D
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 00:53:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.48	196	50813	34.53	ng	95
43) 2,4,5-Trichlorophenol	9.53	196	61589	35.90	ng	94
45) 1,1'-Biphenyl	9.68	154	230585	36.85	ng	98
46) 2-Chloronaphthalene	9.70	162	158229	33.16	ng	# 89
47) 2-Nitroaniline	9.79	65	52529	39.35	ng	90
48) Acenaphthylene	10.12	152	279465	35.19	ng	99
49) Dimethylphthalate	9.96	163	208552	36.84	ng	100
50) 2,6-Dinitrotoluene	10.03	165	46265	39.10	ng	88
51) Acenaphthene	10.29	154	177607	37.36	ng	96
52) 3-Nitroaniline	10.20	138	35593	26.69	ng	89
53) 2,4-Dinitrophenol	10.30	184	33996	67.36	ng	# 1
54) Dibenzofuran	10.46	168	242876	35.93	ng	# 87
55) 4-Nitrophenol	10.35	139	78870	80.70	ng	90
56) 2,4-Dinitrotoluene	10.44	165	57075	37.51	ng	96
57) Fluorene	10.82	166	210847	36.23	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.59	232	51230	37.28	ng	99
59) Diethylphthalate	10.67	149	224629	39.73	ng	99
60) 4-Chlorophenyl-phenylether	10.81	204	94734	36.78	ng	97
61) 4-Nitroaniline	10.82	138	46033	35.56	ng	92
62) Azobenzene	10.96	77	194483	36.22	ng	# 78
64) 4,6-Dinitro-2-methylphenol	10.85	198	26443	31.98	ng	90
65) n-Nitrosodiphenylamine	10.91	169	171868	35.63	ng	100
66) 4-Bromophenyl-phenylether	11.30	248	64542	37.21	ng	# 92
67) Hexachlorobenzene	11.38	284	64606	35.50	ng	# 91
68) Atrazine	11.44	200	59695	41.57	ng	98
69) Pentachlorophenol	11.56	266	65176	72.43	ng	97
70) Phenanthrene	11.79	178	326557	35.95	ng	99
71) Anthracene	11.84	178	317606	35.66	ng	100
72) Carbazole	12.00	167	283437	34.12	ng	97
73) Di-n-butylphthalate	12.32	149	348950	36.73	ng	100
74) Fluoranthene	13.03	202	359158	36.80	ng	98
76) Benzidine	13.14	184	154310	35.91	ng	98
77) Pyrene	13.28	202	380930	37.18	ng	98
79) Butylbenzylphthalate	13.95	149	154718	37.84	ng	93
80) Benzo(a)anthracene	14.64	228	362356	35.49	ng	100
81) 3,3'-Dichlorobenzidine	14.58	252	74667	22.05	ng	# 98
82) Chrysene	14.68	228	331401	34.69	ng	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	233420	37.45	ng	# 99
84) Di-n-octyl phthalate	15.39	149	381237	37.03	ng	98
85) Indeno(1,2,3-cd)pyrene	18.18	276	359770	32.03	ng	100
87) Benzo(b)fluoranthene	15.92	252	345445	36.00	ng	98
88) Benzo(k)fluoranthene	15.95	252	317136	34.92	ng	99
89) Benzo(a)pyrene	16.35	252	319701	36.44	ng	# 98
90) Dibenzo(a,h)anthracene	18.19	278	306436	35.46	ng	99
91) Benzo(g,h,i)perylene	18.71	276	302061	34.47	ng	99

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

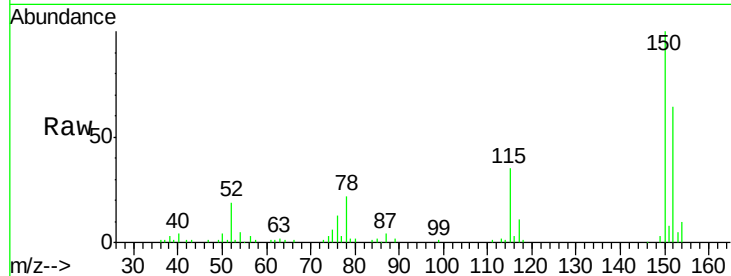


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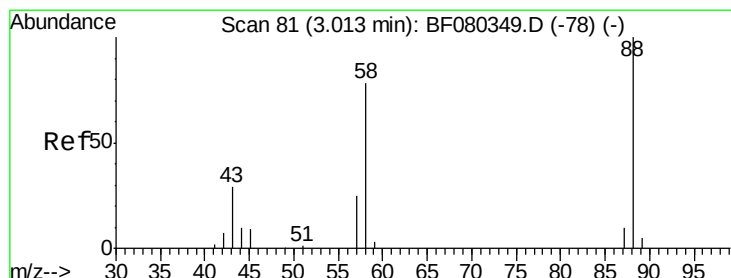
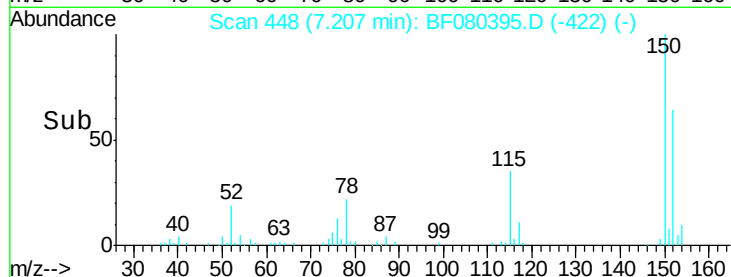
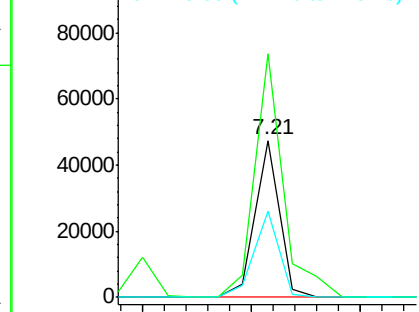
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Instrument :
BNA_F
ClientSampleId :
PB84396BS

Tgt Ion:152 Resp: 36900
Ion Ratio Lower Upper
152 100
150 155.1 124.7 187.1
115 54.9 45.7 68.5



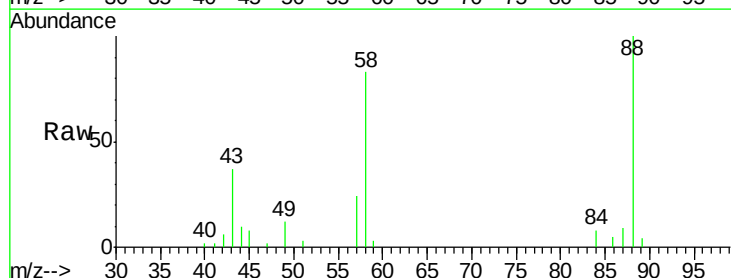
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



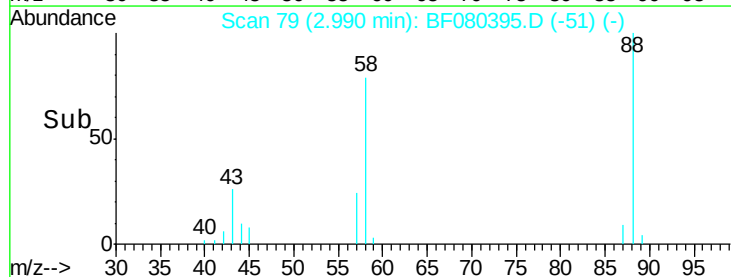
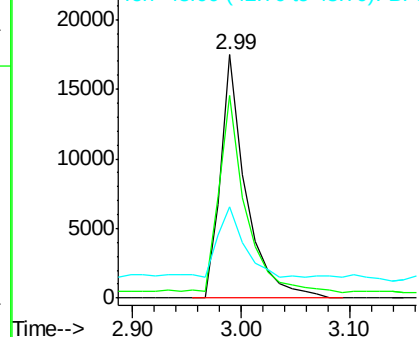
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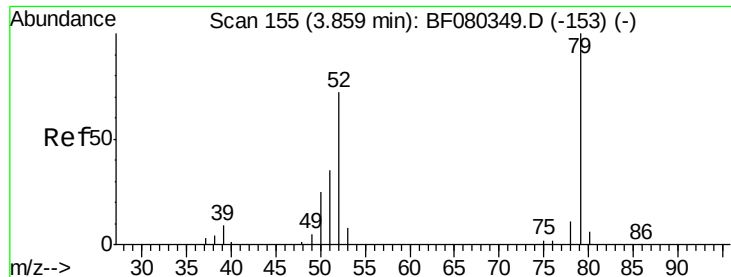
1,4-Dioxane
Concen: 30.00 ng
RT: 2.99 min Scan# 79
Delta R.T. 0.02 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Tgt Ion: 88 Resp: 28544
Ion Ratio Lower Upper
88 100
58 81.9 61.0 91.6
43 29.7 23.4 35.0



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





#3

Pyridine

Concen: 29.43 ng

RT: 3.85 min Scan# 154

Delta R.T. 0.03 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB84396BS

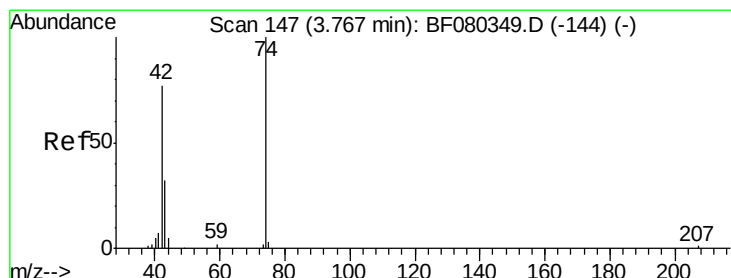
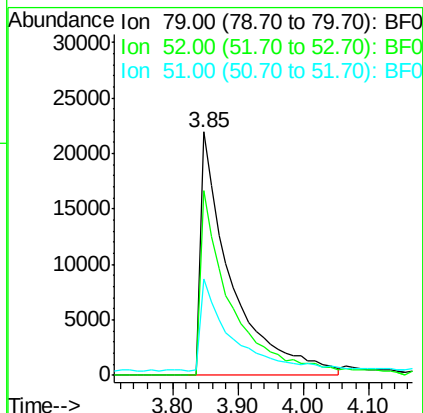
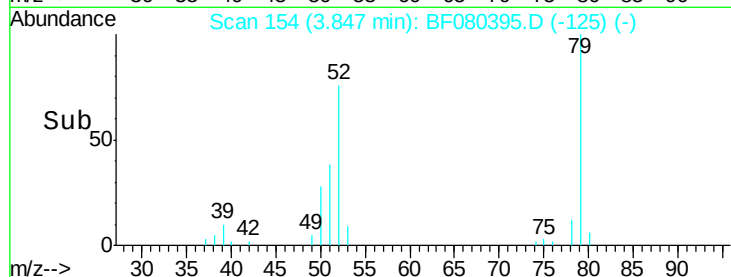
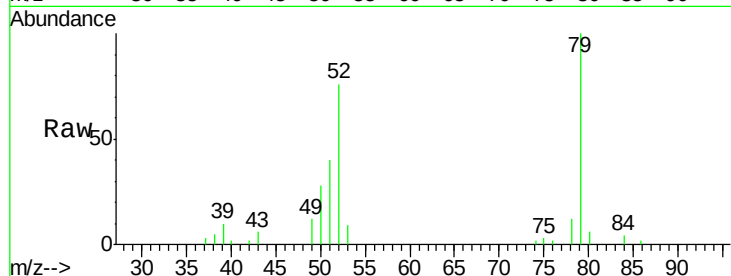
Tgt Ion: 79 Resp: 71246

Ion Ratio Lower Upper

79 100

52 75.7 57.2 85.8

51 39.7 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 36.48 ng

RT: 3.74 min Scan# 145

Delta R.T. 0.02 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

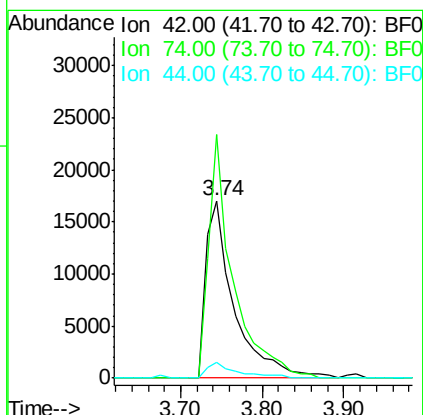
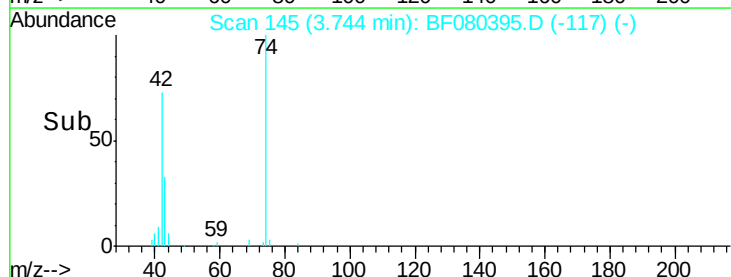
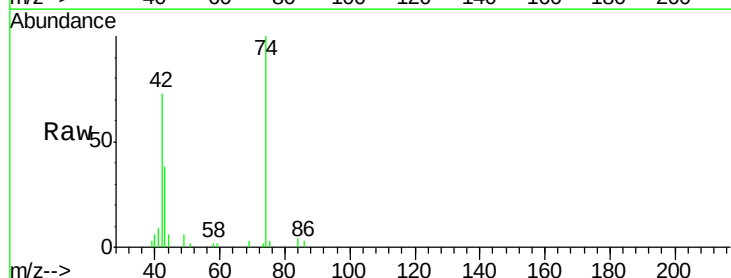
Tgt Ion: 42 Resp: 41500

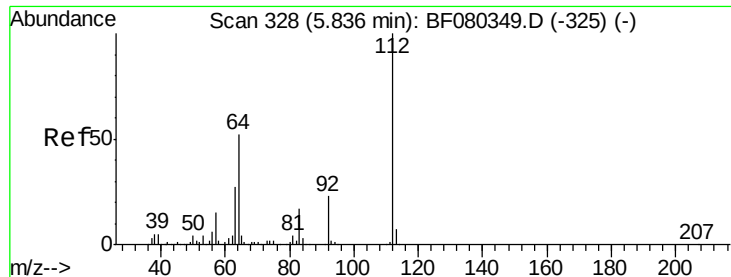
Ion Ratio Lower Upper

42 100

74 137.1 103.4 155.0

44 8.6 5.4 8.0#





#5

2-Fluorophenol

Concen: 118.25 ng

RT: 5.81 min Scan# 326

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB84396BS

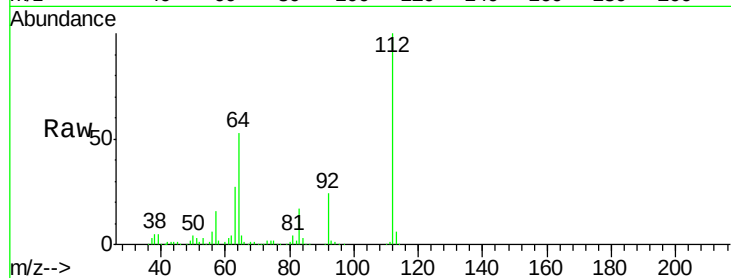
Tgt Ion: 112 Resp: 238250

Ion Ratio Lower Upper

112 100

64 53.2 41.8 62.6

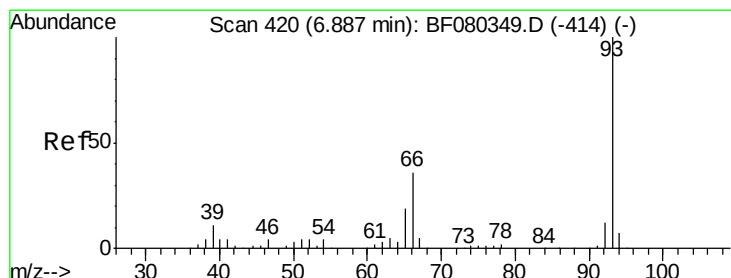
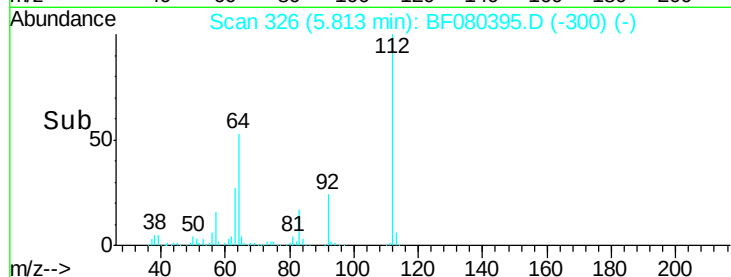
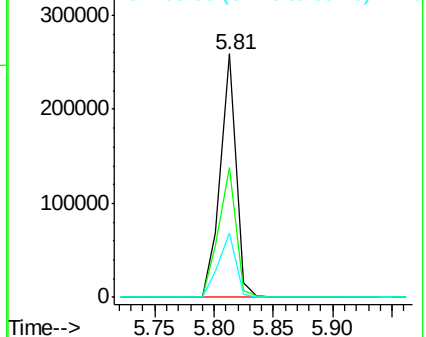
63 26.7 21.5 32.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.82 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

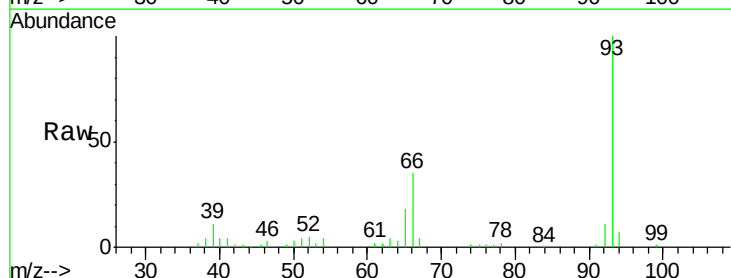
Tgt Ion: 93 Resp: 80679

Ion Ratio Lower Upper

93 100

66 35.0 28.7 43.1

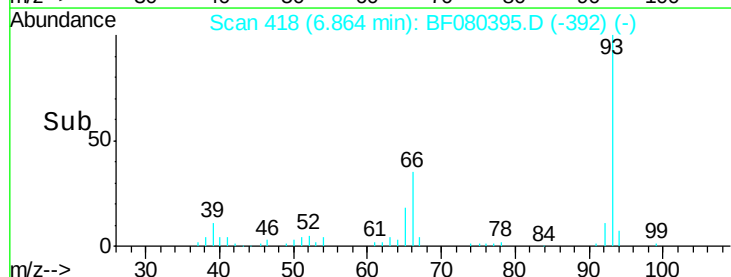
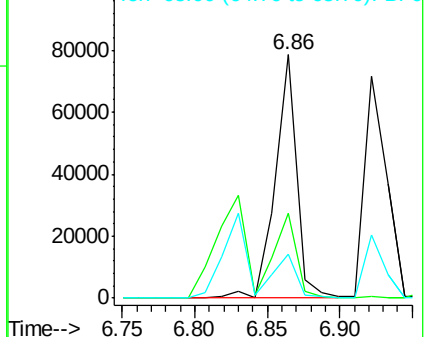
65 18.2 14.8 22.2

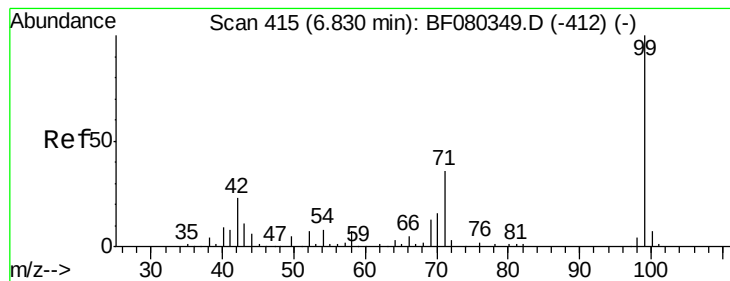


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.84 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB84396BS

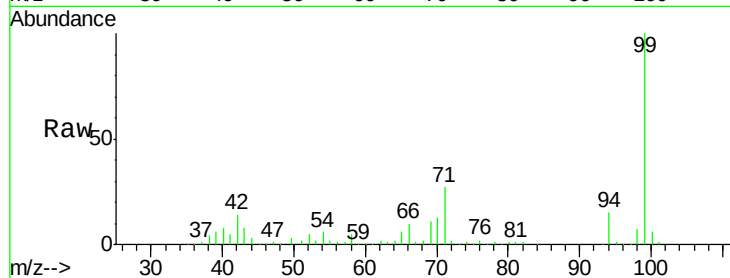
Tgt Ion: 99 Resp: 301352

Ion Ratio Lower Upper

99 100

42 14.2 18.5 27.7#

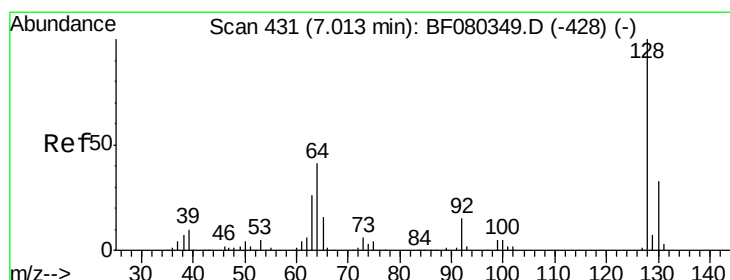
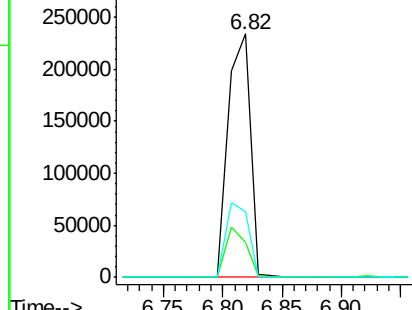
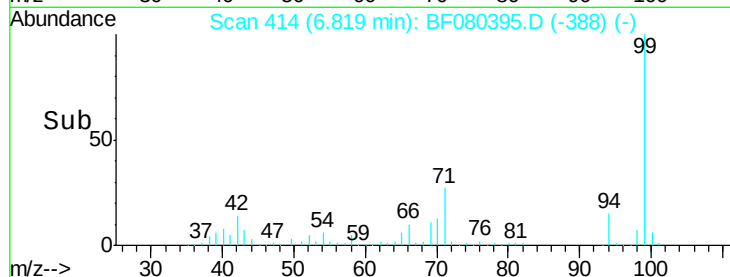
71 27.1 28.5 42.7#



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: 36.91 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

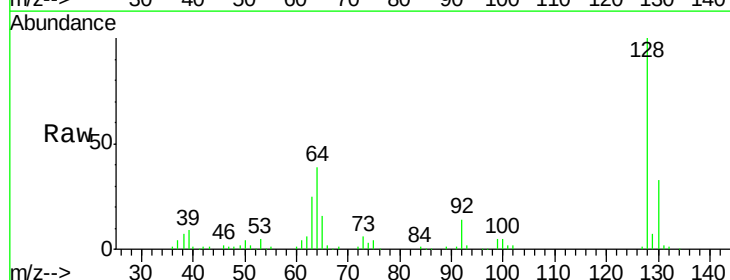
Tgt Ion: 128 Resp: 86201

Ion Ratio Lower Upper

128 100

130 33.5 12.8 52.8

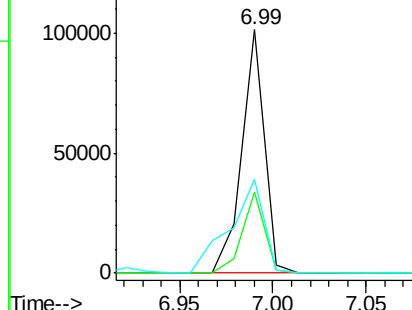
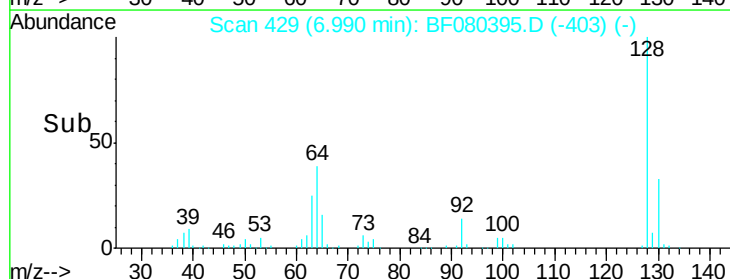
64 38.7 21.1 61.1

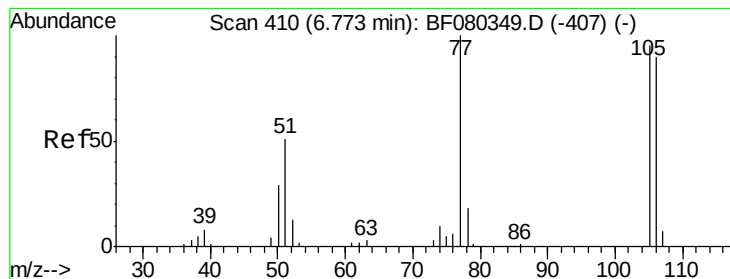


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.76 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

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PB84396BS

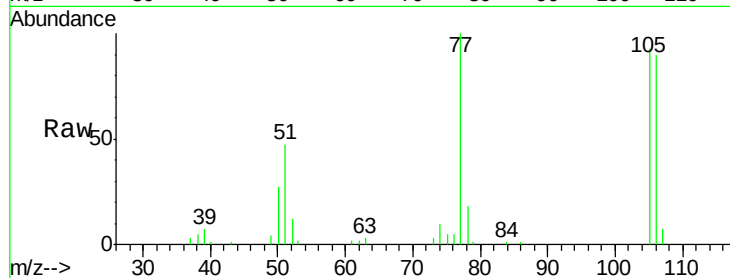
Tgt Ion: 77 Resp: 42714

Ion Ratio Lower Upper

77 100

105 93.3 75.2 115.2

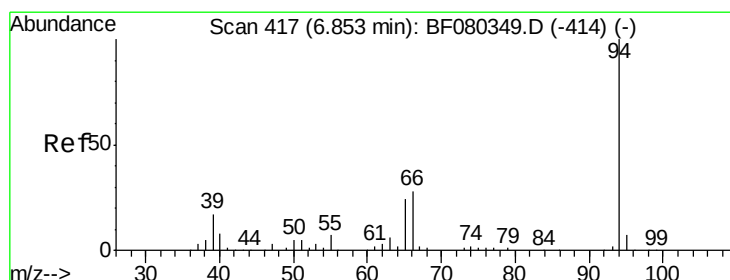
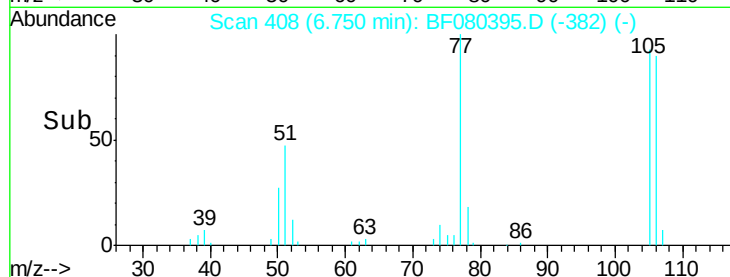
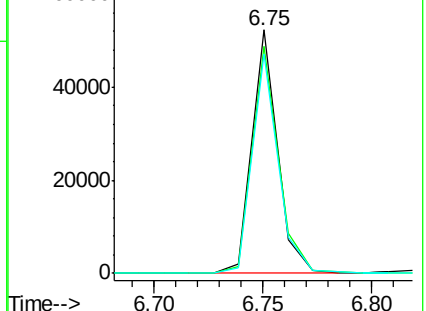
106 90.1 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.42 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

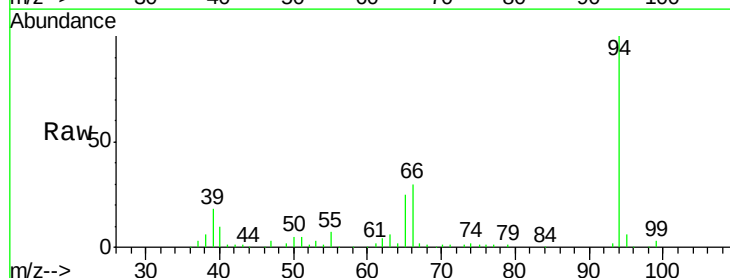
Tgt Ion: 94 Resp: 108381

Ion Ratio Lower Upper

94 100

65 24.5 3.5 43.5

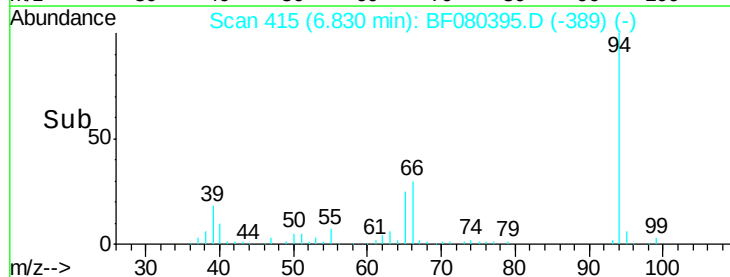
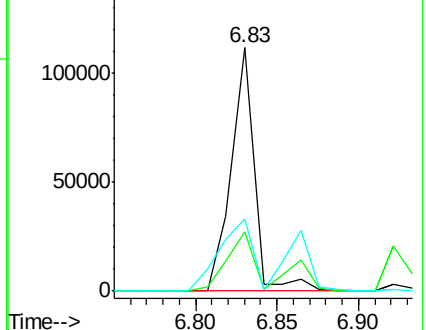
66 29.9 8.5 48.5

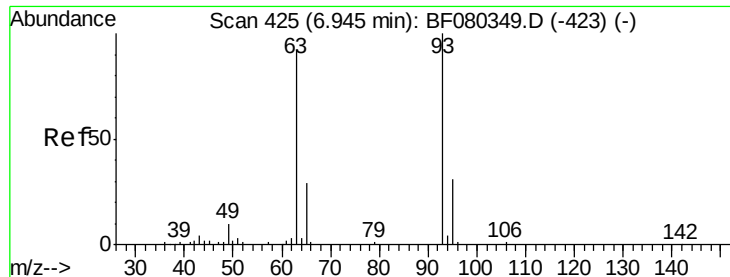


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

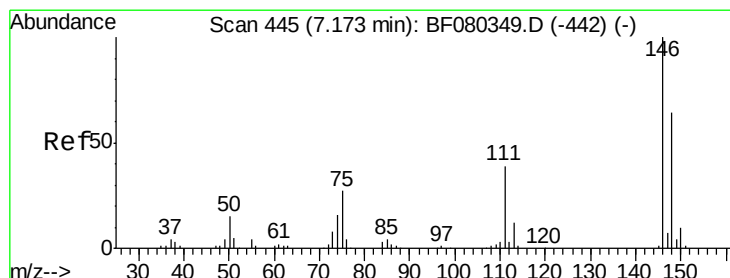
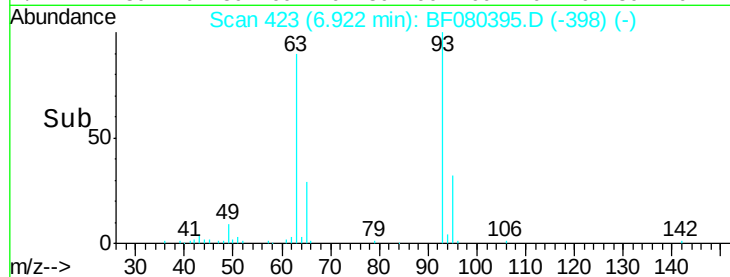
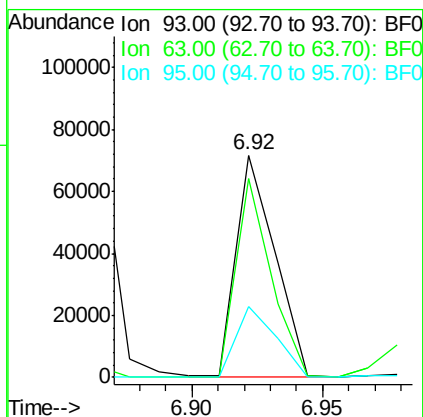
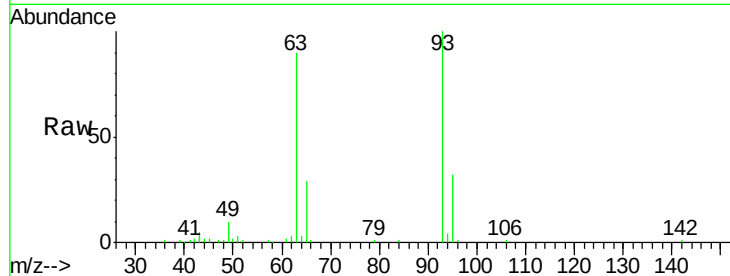




#11
bis(2-Chloroethyl)ether
Concen: 34.69 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

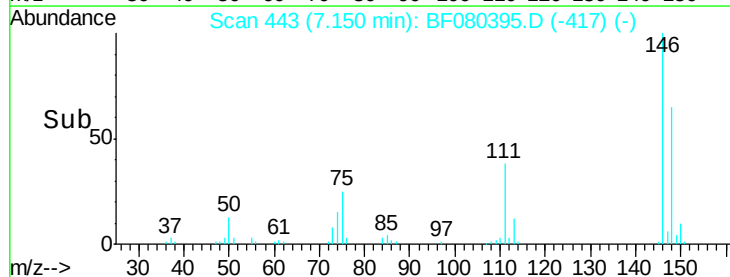
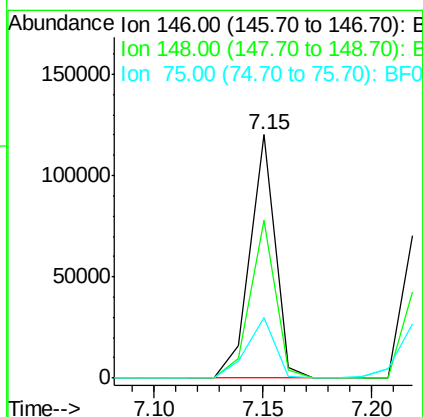
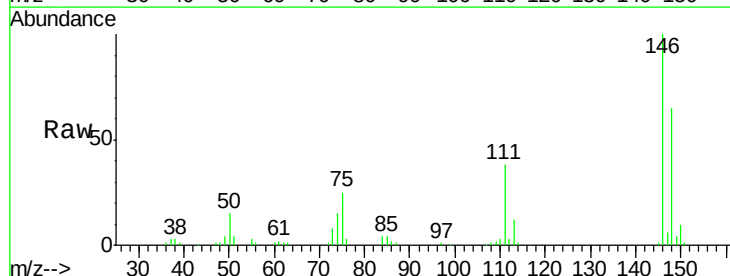
Instrument :
BNA_F
ClientSampleId :
PB84396BS

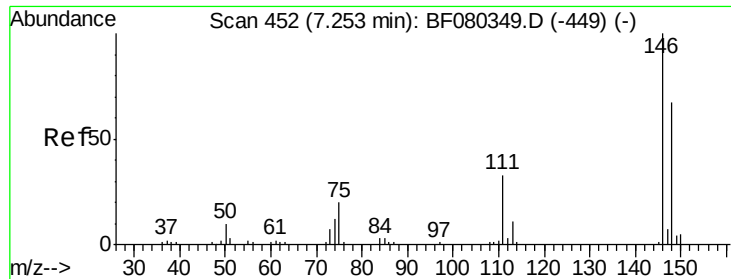
Tgt Ion: 93 Resp: 75789
Ion Ratio Lower Upper
93 100
63 89.6 71.3 111.3
95 31.6 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 33.84 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Tgt Ion: 146 Resp: 97016
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.0
75 24.9 21.5 32.3

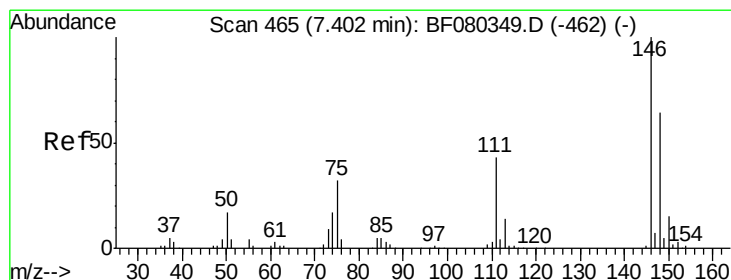
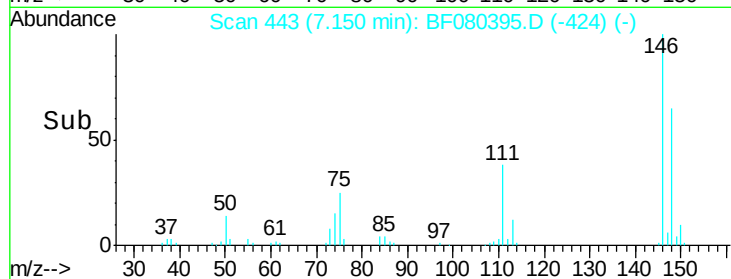
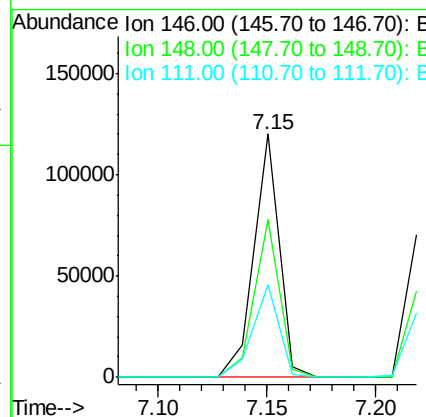
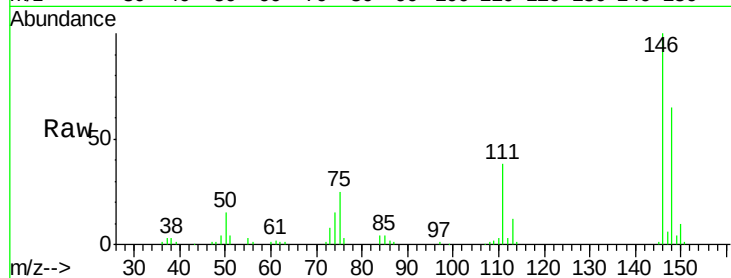




#13
 1,4-Dichlorobenzene
 Concen: 36.23 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.08 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

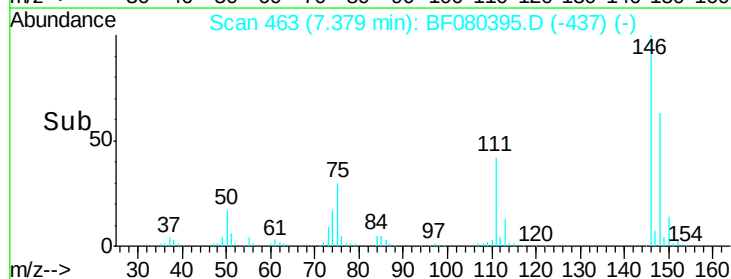
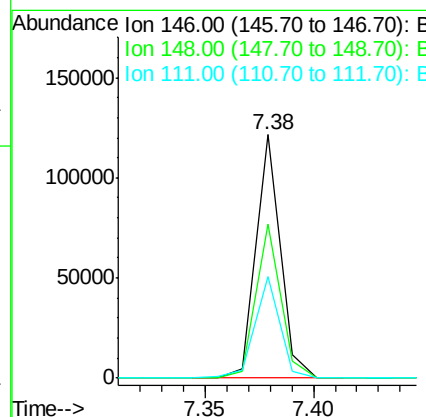
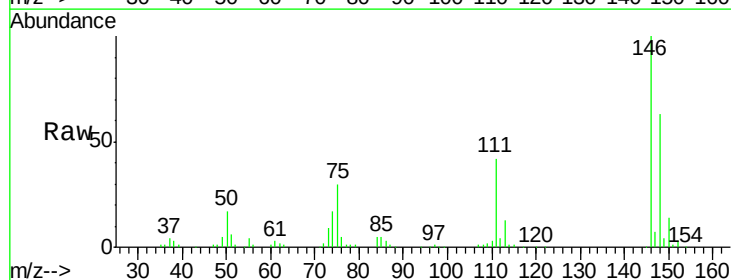
Instrument :
 BNA_F
 ClientSampleId :
 PB84396BS

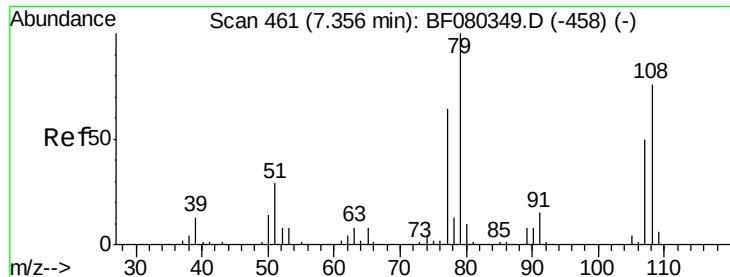
Tgt Ion:146 Resp: 97016
 Ion Ratio Lower Upper
 146 100
 148 64.6 53.4 80.0
 111 37.8 26.2 39.2



#14
 1,2-Dichlorobenzene
 Concen: 34.98 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Tgt Ion:146 Resp: 94792
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.3 76.9
 111 41.6 34.6 52.0





#15

Benzyl Alcohol

Concen: 36.49 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampled :

PB84396BS

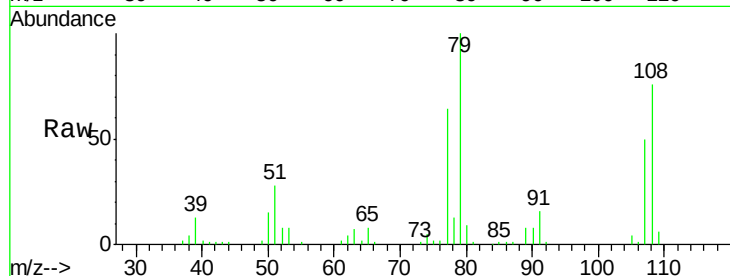
Tgt Ion: 79 Resp: 75432

Ion Ratio Lower Upper

79 100

108 75.5 60.6 90.8

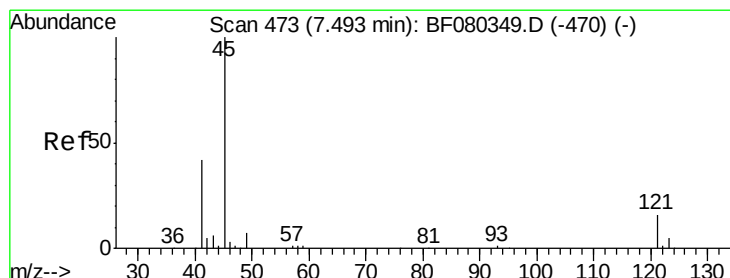
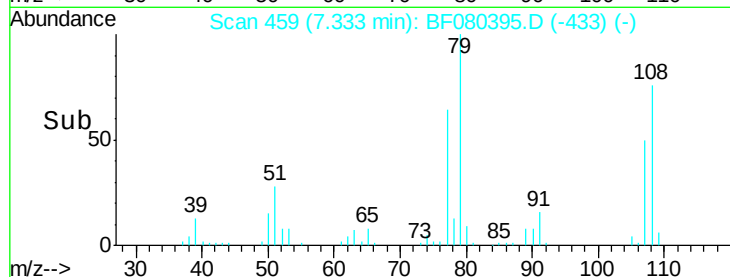
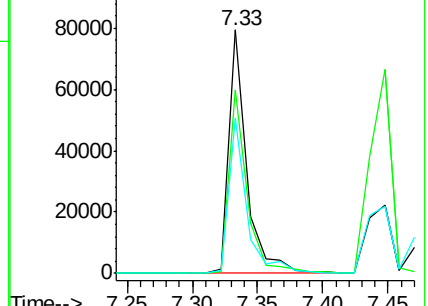
77 63.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.38 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

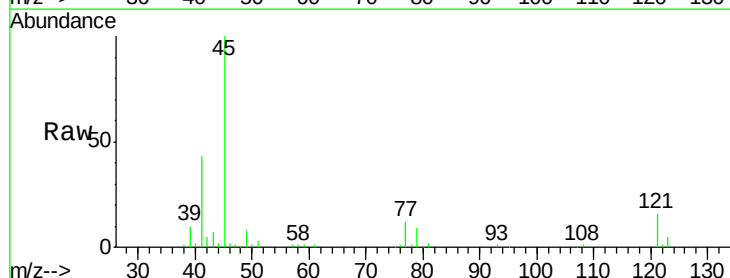
Tgt Ion: 45 Resp: 128518

Ion Ratio Lower Upper

45 100

77 12.1 0.0 31.9

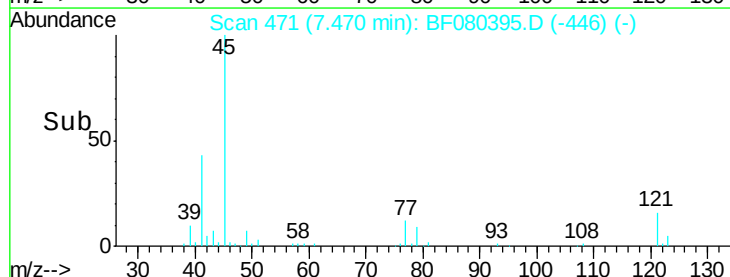
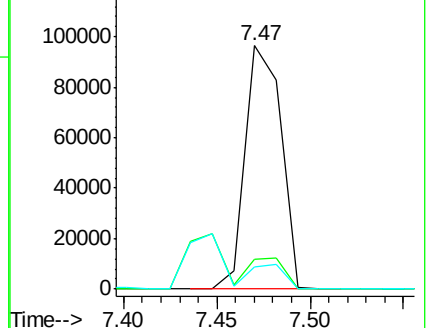
79 9.0 0.0 29.7

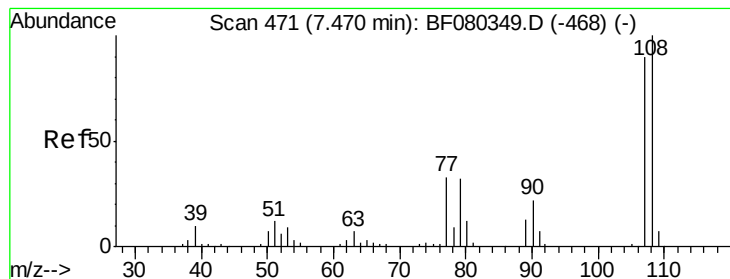


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.59 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB84396BS

Tgt Ion:107 Resp: 64426

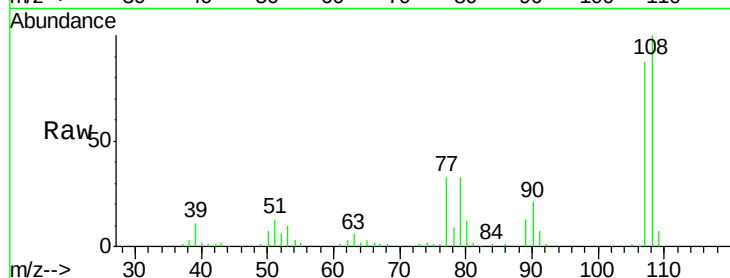
Ion Ratio Lower Upper

107 100

108 115.6 89.3 133.9

77 38.2 29.5 44.3

79 38.4 28.6 43.0

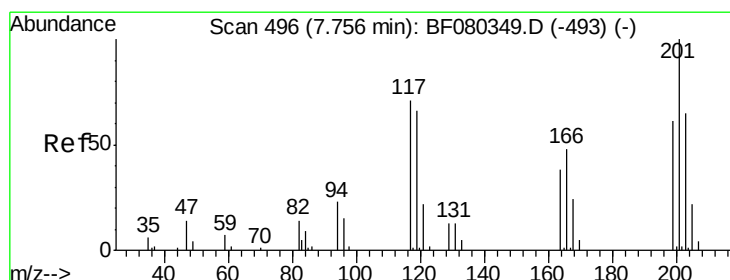
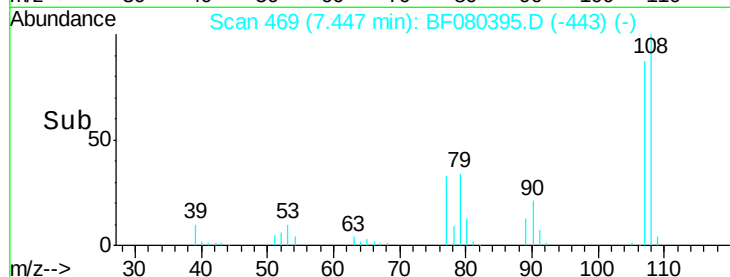
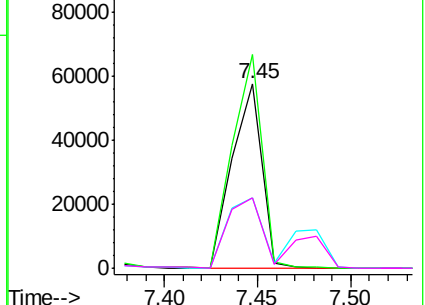


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.98 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

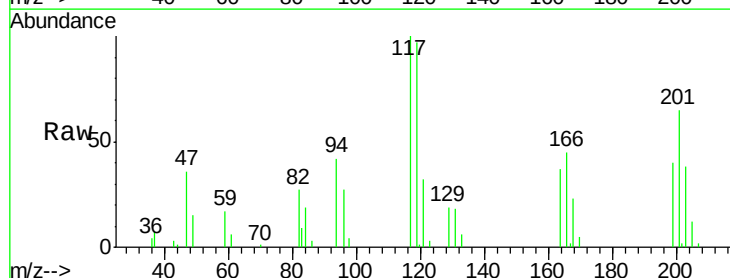
Tgt Ion:117 Resp: 29232

Ion Ratio Lower Upper

117 100

119 97.2 74.2 111.4

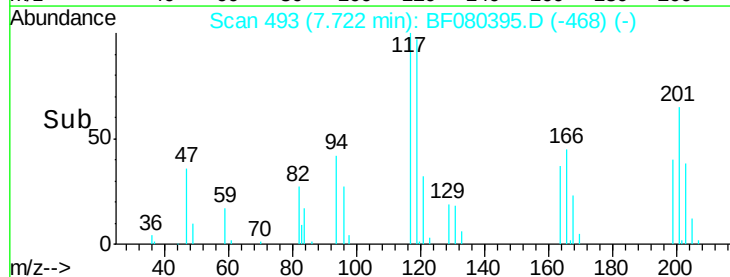
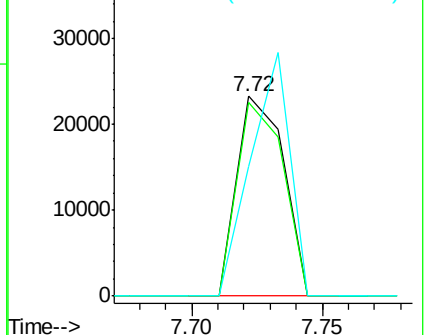
201 65.2 112.4 168.6#

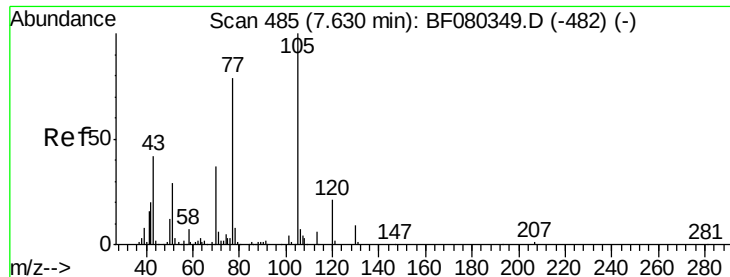


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

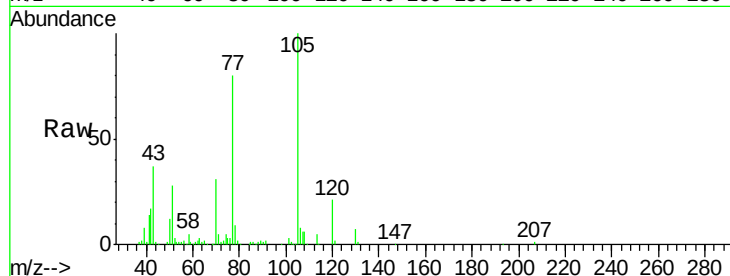




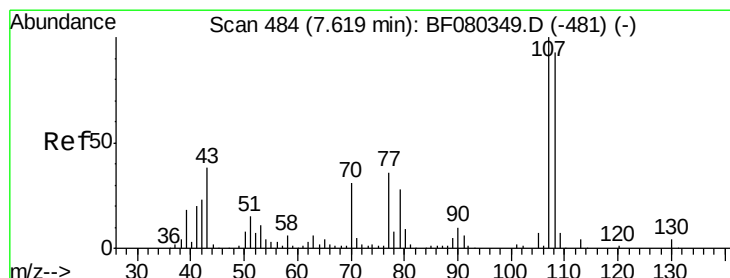
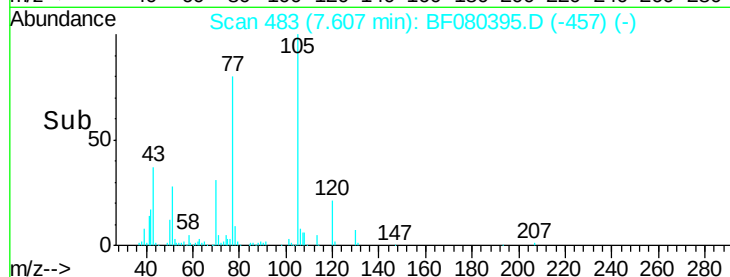
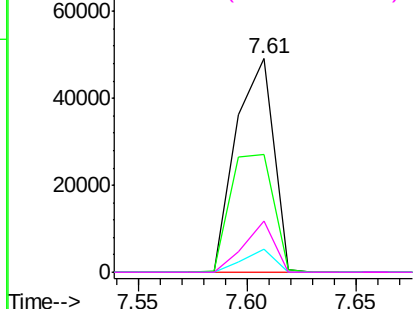
#19
n-Nitroso-di-n-propylamine
Concen: 34.00 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Instrument :
BNA_F
ClientSampleId :
PB84396BS

Tgt Ion: 70 Resp: 58928
Ion Ratio Lower Upper
70 100
42 55.4 43.0 64.6
101 10.7 8.3 12.5
130 23.7 20.2 30.2

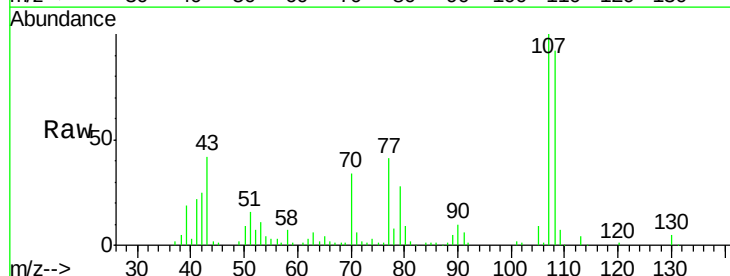


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

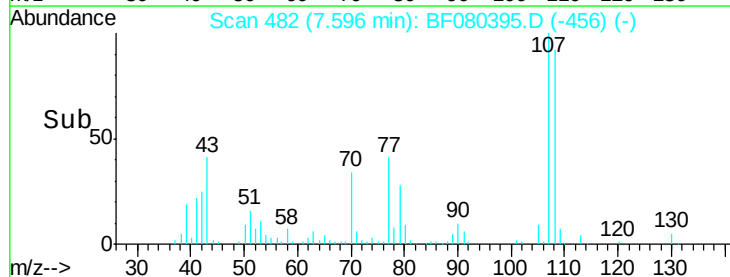
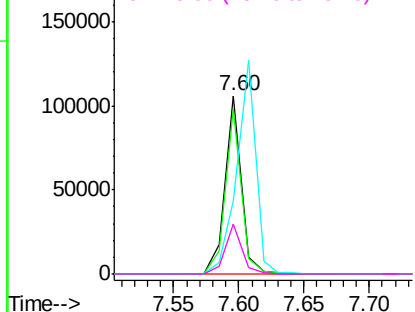


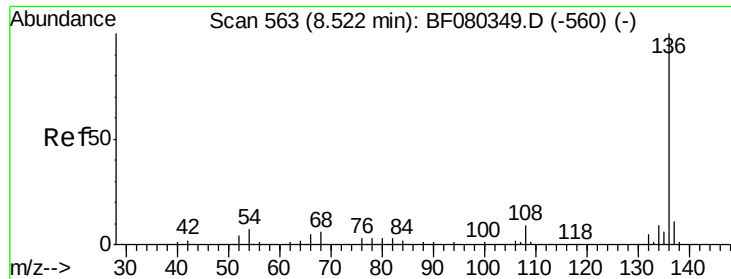
#20
3+4-Methylphenols
Concen: 36.91 ng
RT: 7.60 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Tgt Ion: 107 Resp: 93123
Ion Ratio Lower Upper
107 100
108 92.5 73.4 113.4
77 41.3 16.4 56.4
79 28.3 8.2 48.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

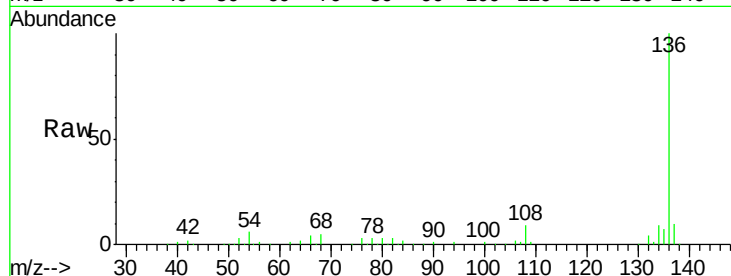




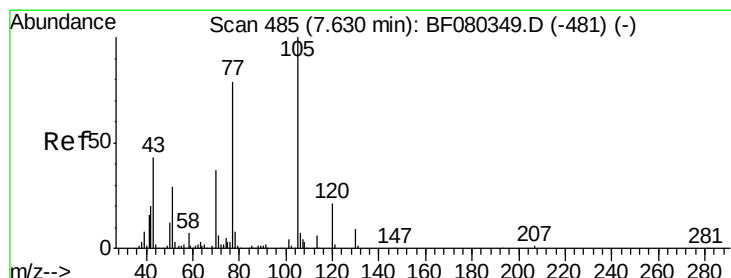
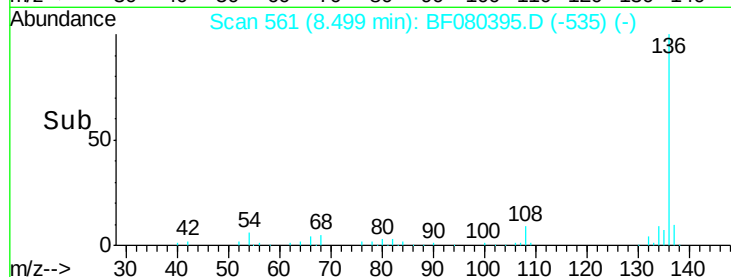
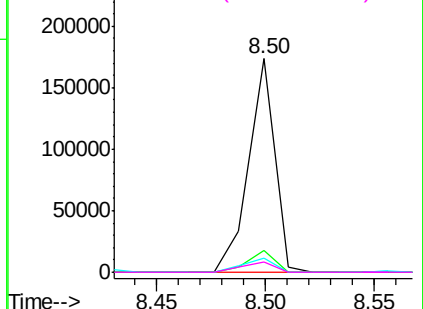
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Instrument :
BNA_F
ClientSampleId :
PB84396BS

Tgt Ion:	136	Resp:	144752
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	6.4	5.8	8.8
68	5.0	4.6	6.8

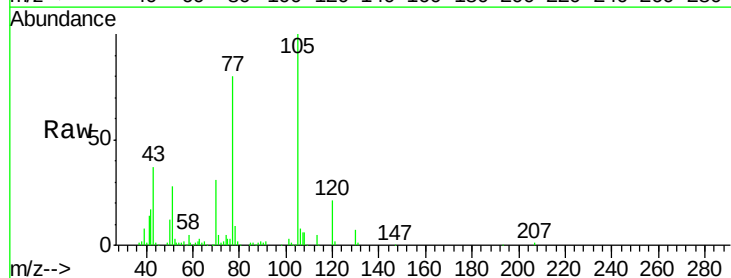


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

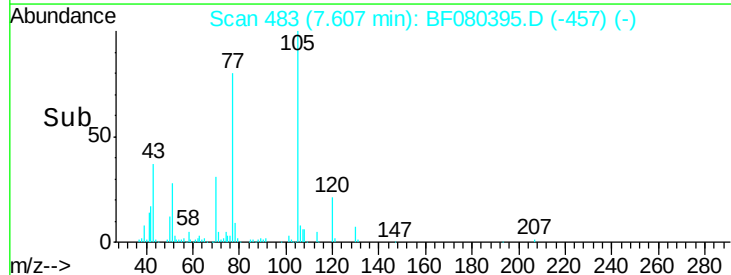
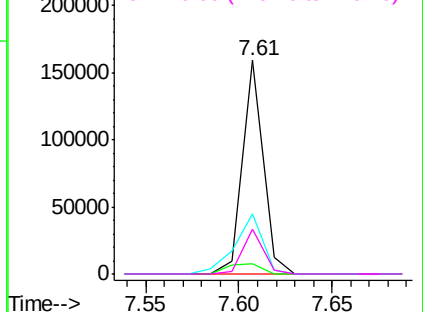


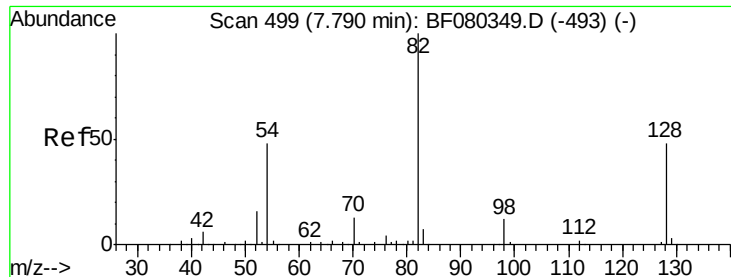
#22
Acetophenone
Concen: 37.33 ng
RT: 7.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Tgt Ion:	105	Resp:	124675
Ion	Ratio	Lower	Upper
105	100		
71	5.0	5.0	7.6#
51	28.4	23.2	34.8
120	21.1	17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

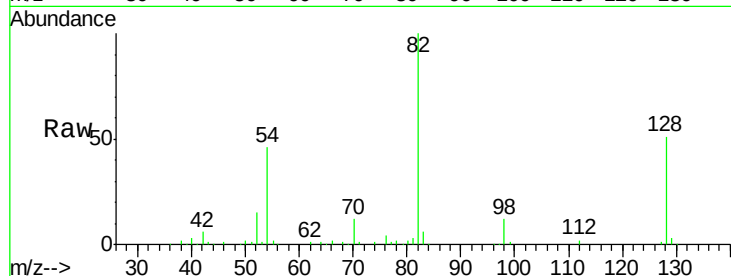




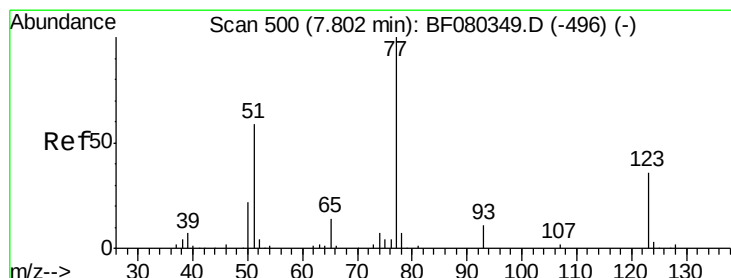
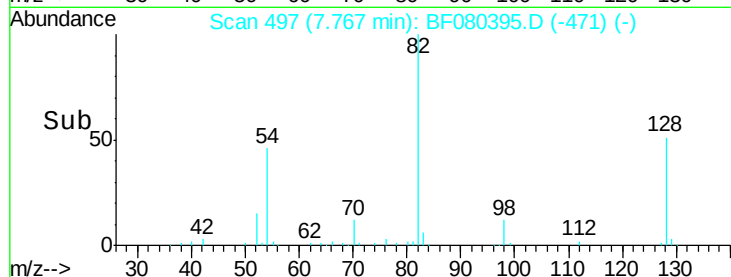
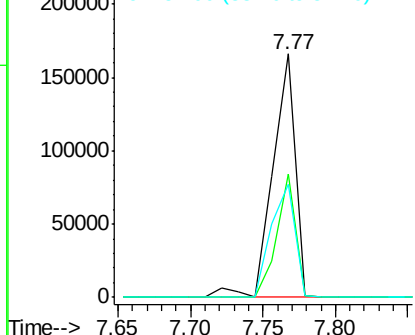
#23
 Nitrobenzene-d5
 Concen: 71.79 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84396BS

Tgt Ion: 82 Resp: 178153
 Ion Ratio Lower Upper
 82 100
 128 50.9 38.4 57.6
 54 46.5 38.2 57.2

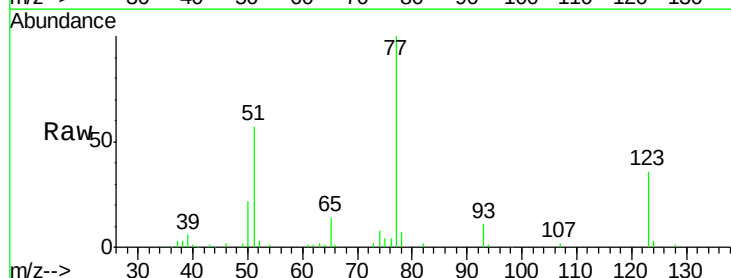


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

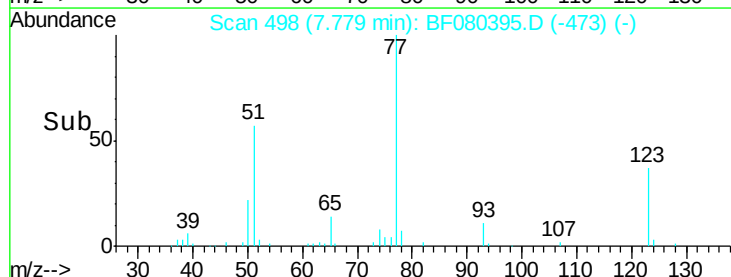
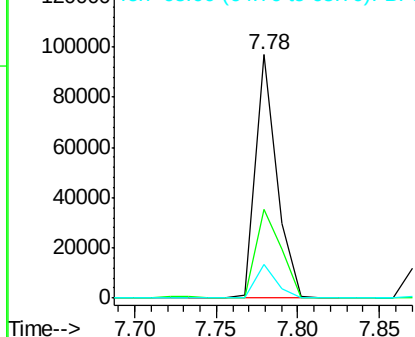


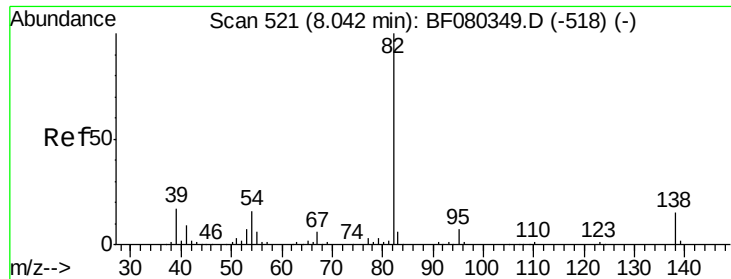
#24
 Nitrobenzene
 Concen: 35.49 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Tgt Ion: 77 Resp: 88486
 Ion Ratio Lower Upper
 77 100
 123 36.5 29.6 44.4
 65 13.9 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.03 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB84396BS

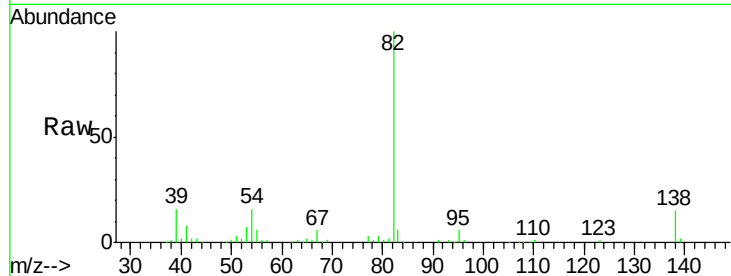
Tgt Ion: 82 Resp: 172129

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

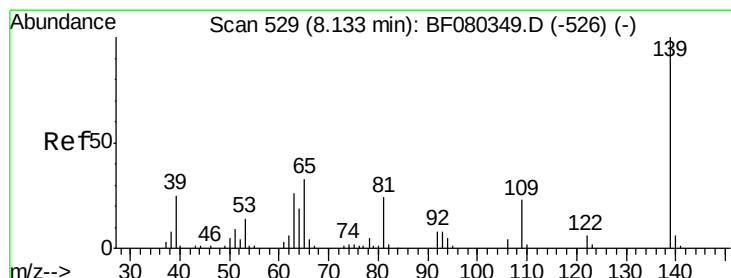
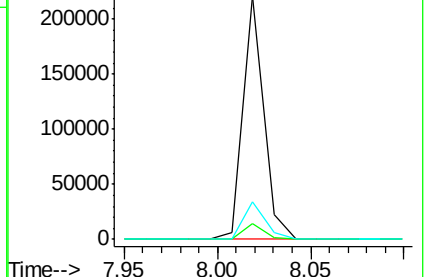
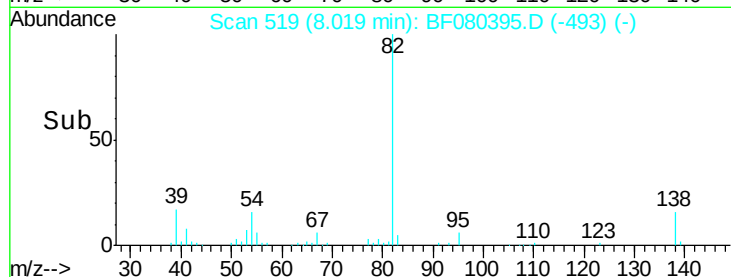
138 15.2 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF080349.D (-518) (-)

Ion 95.00 (94.70 to 95.70): BF080349.D (-518) (-)

Ion 138.00 (137.70 to 138.70): BF080349.D (-518) (-)



#26

2-Nitrophenol

Concen: 34.57 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

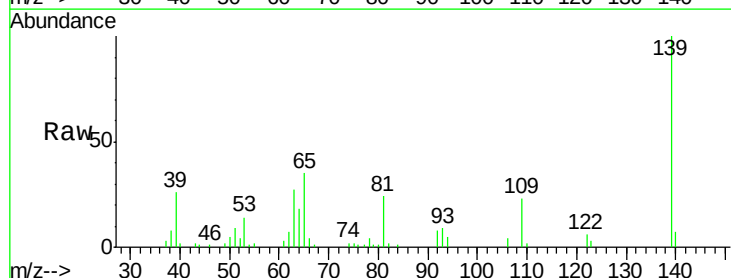
Tgt Ion: 139 Resp: 37300

Ion Ratio Lower Upper

139 100

109 23.0 18.4 27.6

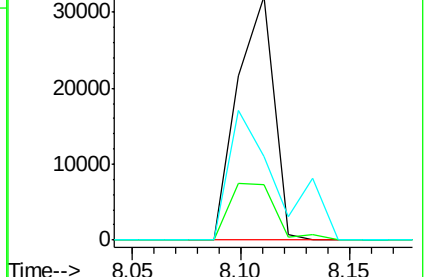
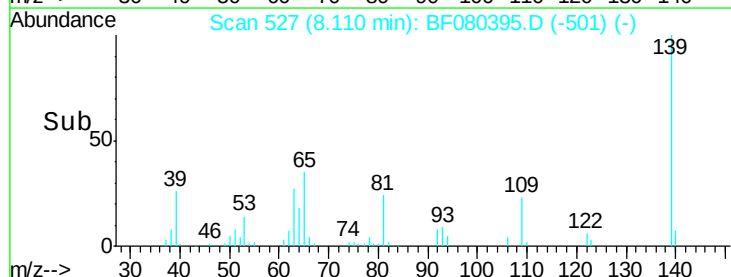
65 34.5 26.7 40.1

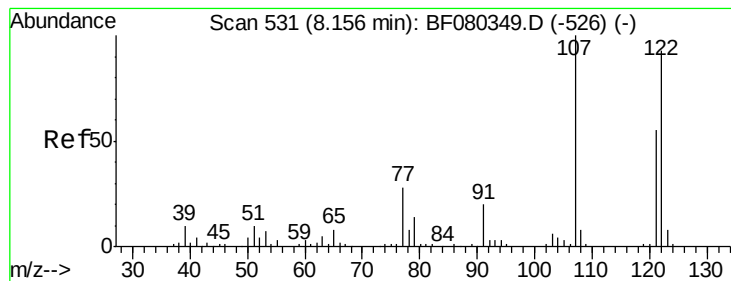


Abundance Ion 139.00 (138.70 to 139.70): BF080349.D (-526) (-)

Ion 109.00 (108.70 to 109.70): BF080349.D (-526) (-)

Ion 65.00 (64.70 to 65.70): BF080349.D (-526) (-)





#27

2,4-Dimethylphenol

Concen: 38.75 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB84396BS

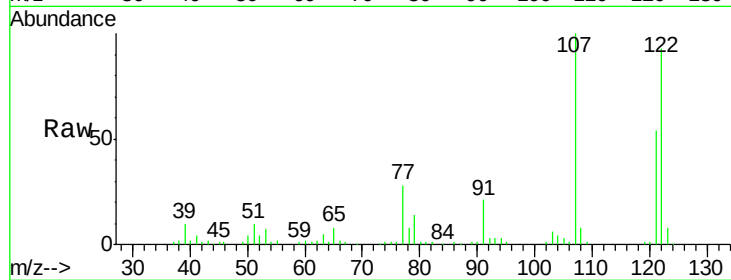
Tgt Ion:122 Resp: 82253

Ion Ratio Lower Upper

122 100

107 107.0 85.8 128.6

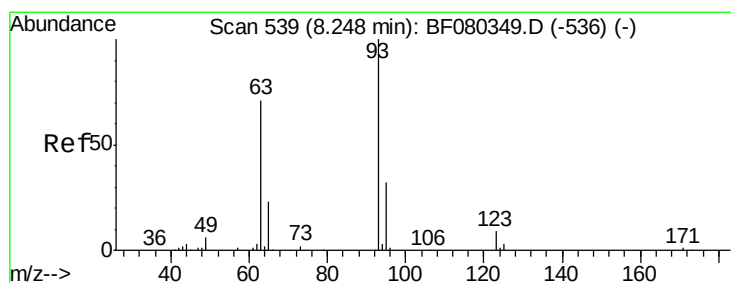
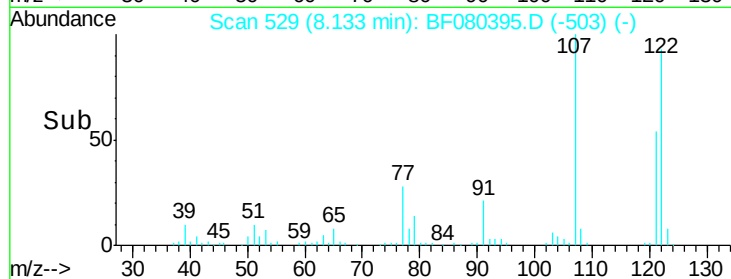
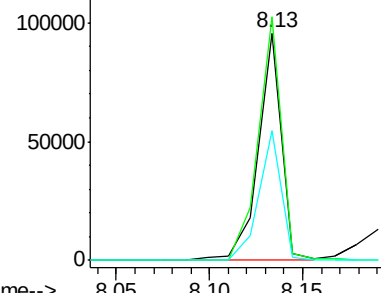
121 57.3 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.70 ng

RT: 8.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

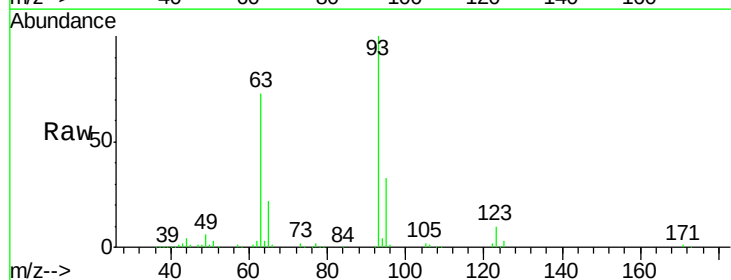
Tgt Ion: 93 Resp: 105906

Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

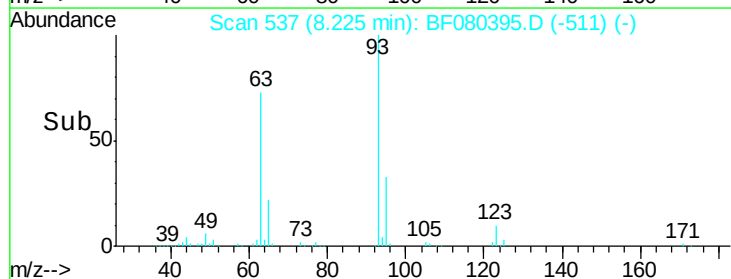
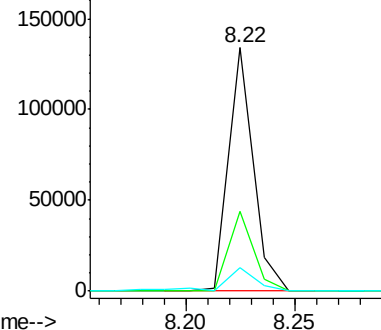
123 9.9 7.8 11.6

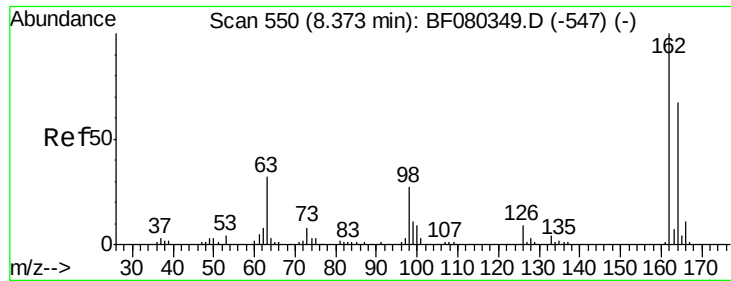


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

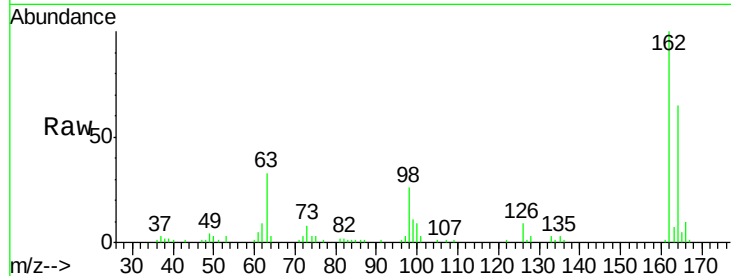




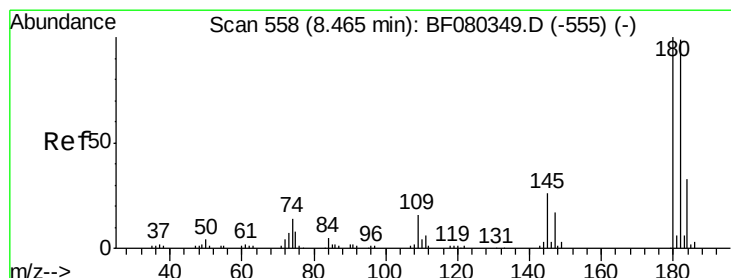
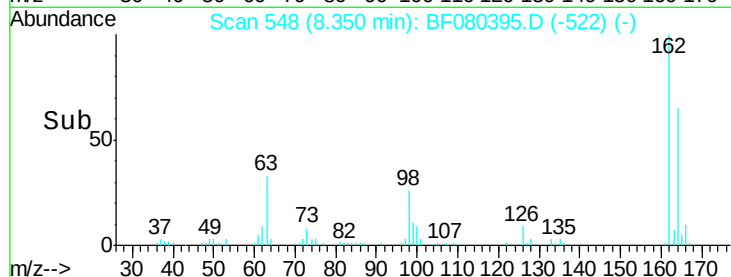
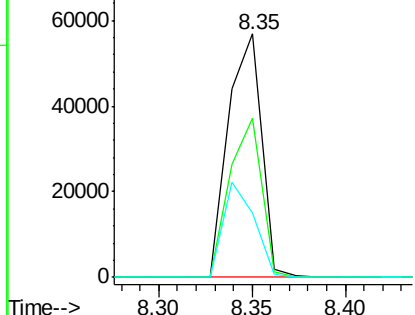
#29
 2,4-Dichlorophenol
 Concen: 37.58 ng
 RT: 8.35 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84396BS

Tgt Ion:162 Resp: 70817
 Ion Ratio Lower Upper
 162 100
 164 65.4 47.0 87.0
 98 26.2 6.6 46.6

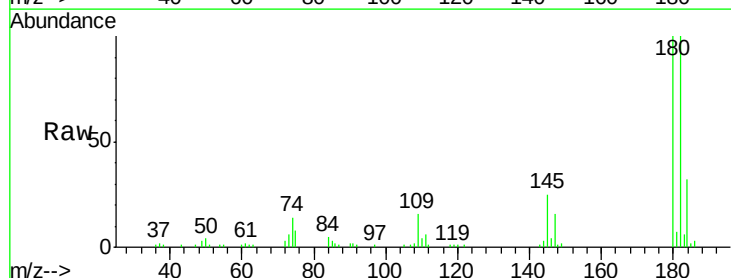


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

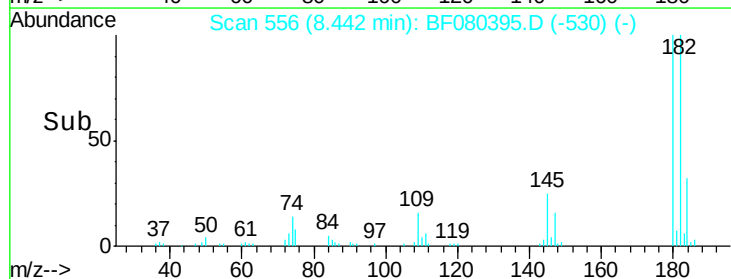
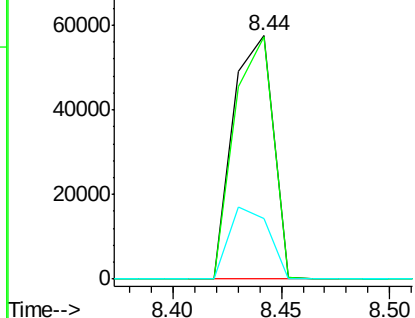


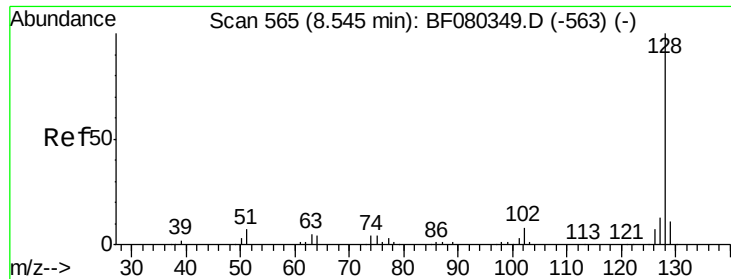
#30
 1,2,4-Trichlorobenzene
 Concen: 32.73 ng
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Tgt Ion:180 Resp: 73320
 Ion Ratio Lower Upper
 180 100
 182 99.7 79.0 118.4
 145 24.7 20.5 30.7



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

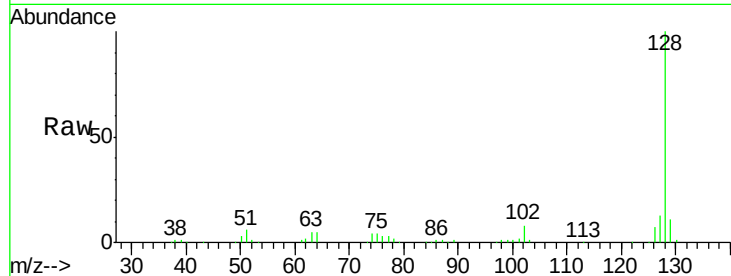




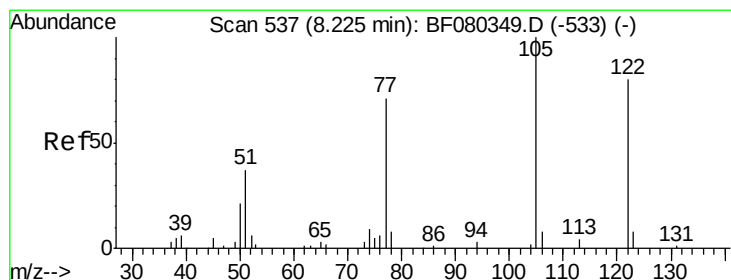
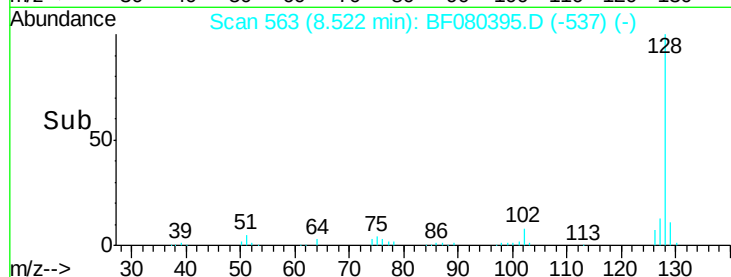
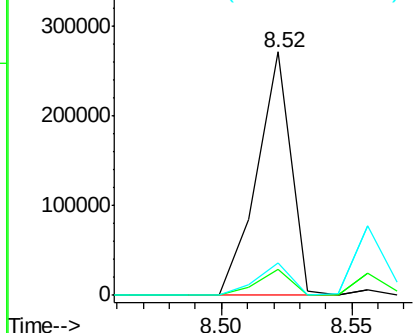
#31
Naphthalene
Concen: 33.26 ng
RT: 8.52 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Instrument :
BNA_F
ClientSampleId :
PB84396BS

Tgt Ion:128 Resp: 246948
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.2 10.4 15.6

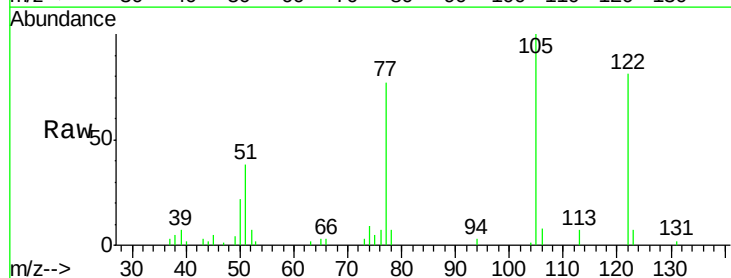


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

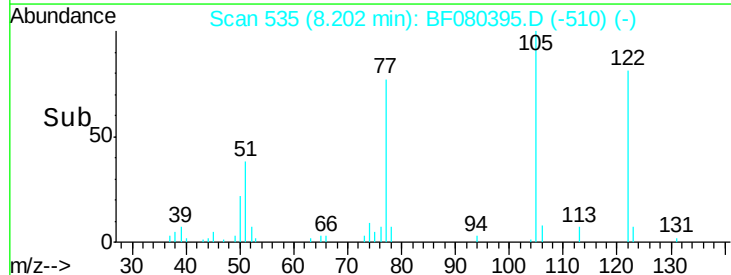
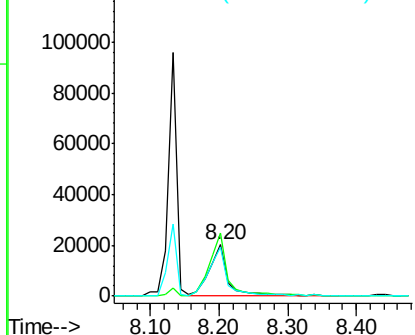


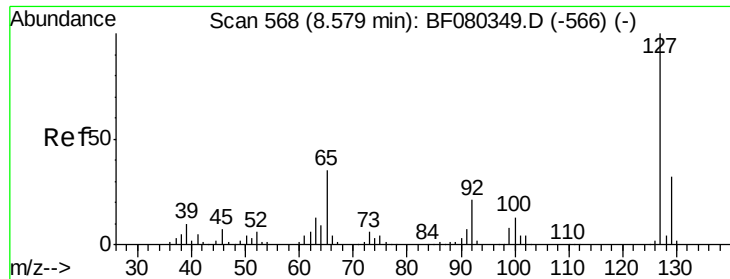
#32
Benzoic acid
Concen: 37.24 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Tgt Ion:122 Resp: 38837
Ion Ratio Lower Upper
122 100
105 123.5 102.2 142.2
77 95.3 68.8 108.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

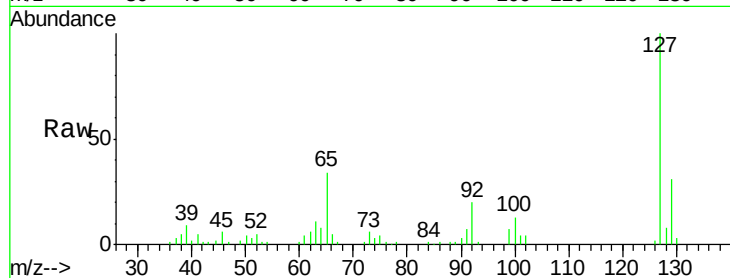




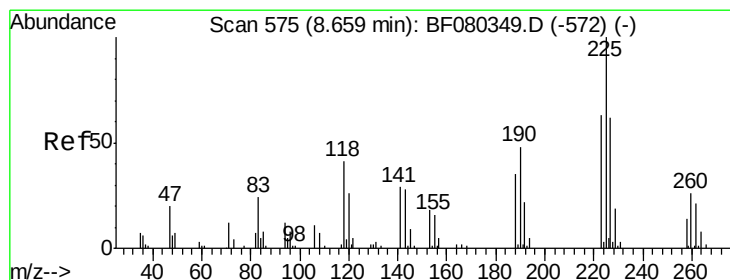
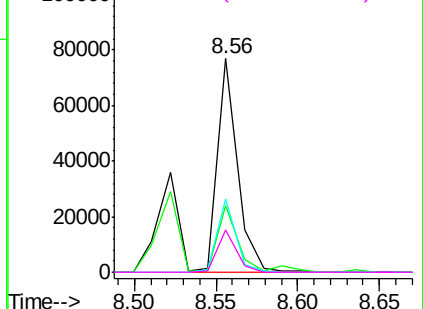
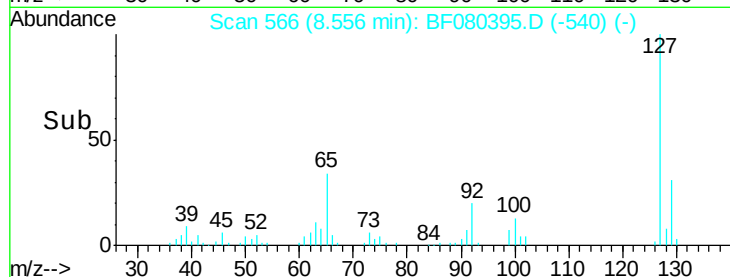
#33
4-Chloroaniline
Concen: 22.15 ng
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Instrument :
BNA_F
ClientSampleId :
PB84396BS

Tgt Ion:	127	Resp:	65543
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	34.4	28.1	42.1
92	19.6	16.6	24.8

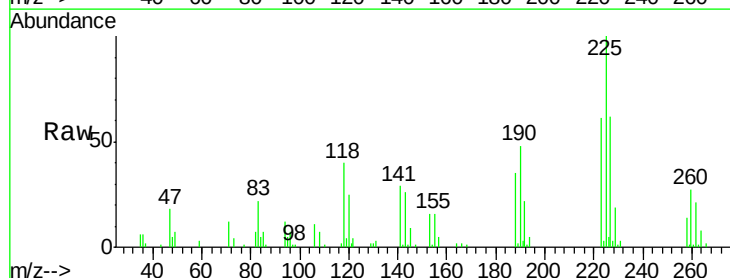


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

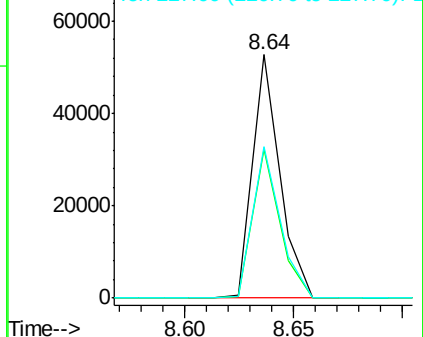
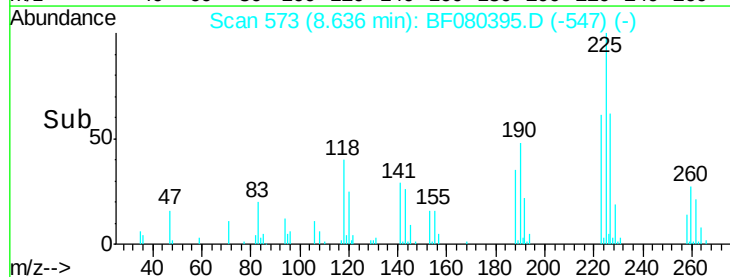


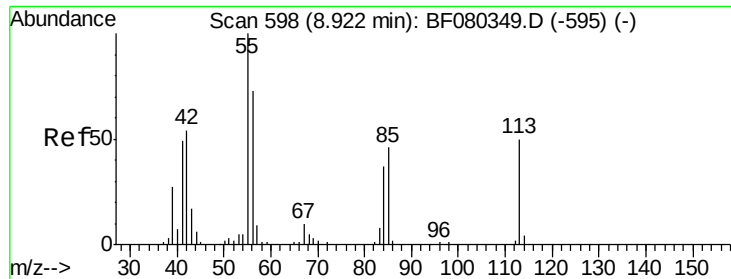
#34
Hexachlorobutadiene
Concen: 33.70 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF080395.D
Acq: 8 Jul 2015 18:51

Tgt Ion:	225	Resp:	45925
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.3	75.5
227	62.4	49.4	74.2



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

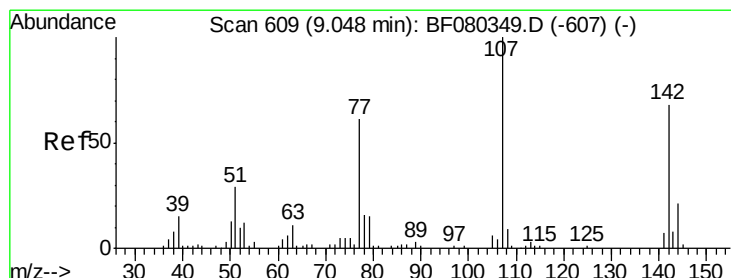
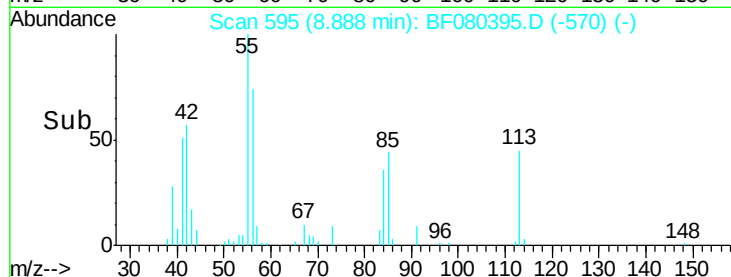
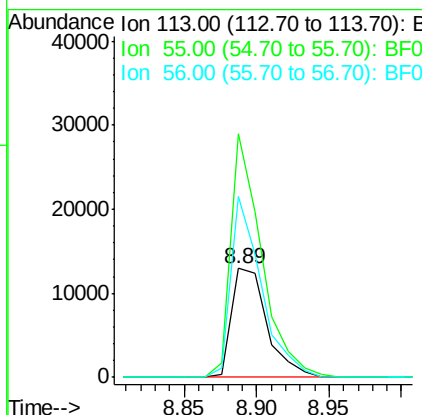
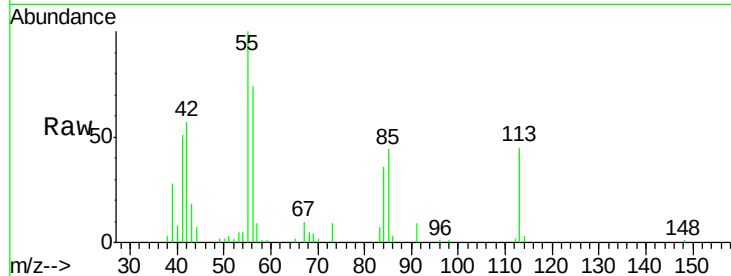




#35
 Caprolactam
 Concen: 37.63 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

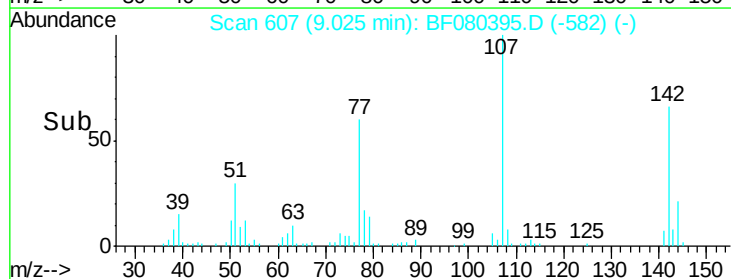
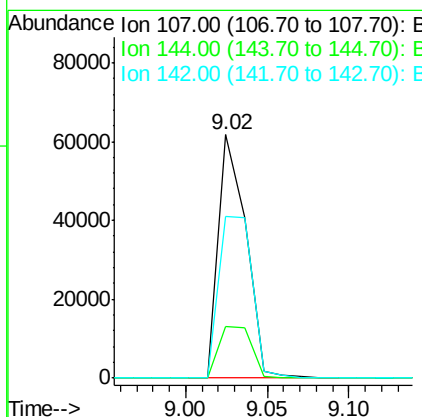
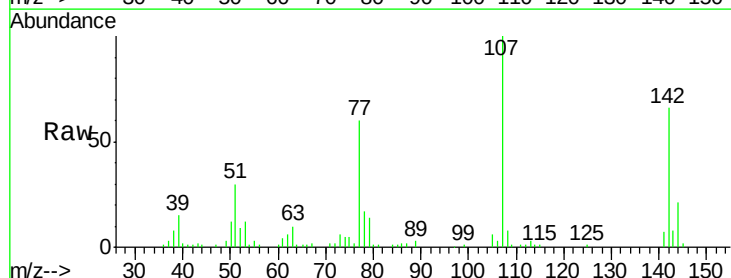
Instrument :
 BNA_F
 ClientSampleId :
 PB84396BS

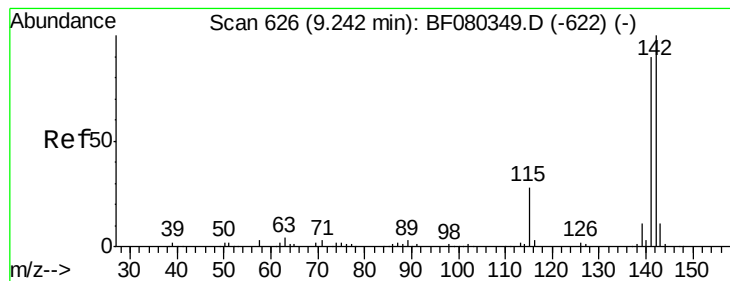
Tgt Ion:113 Resp: 21904
 Ion Ratio Lower Upper
 113 100
 55 224.2 181.4 221.4#
 56 166.3 127.3 167.3



#36
 4-Chloro-3-methylphenol
 Concen: 37.18 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Tgt Ion:107 Resp: 72302
 Ion Ratio Lower Upper
 107 100
 144 21.0 16.7 25.1
 142 66.3 54.4 81.6





#37

2-Methylnaphthalene

Concen: 34.96 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

Instrument :

BNA_F

ClientSampleId :

PB84396BS

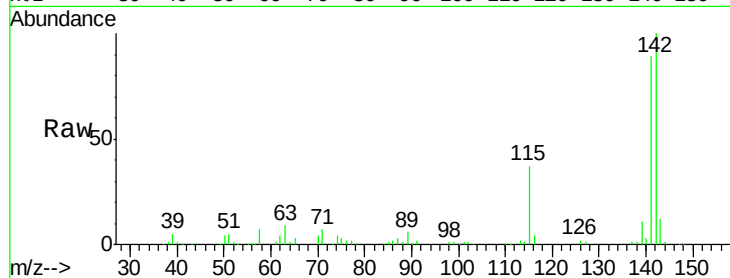
Tgt Ion:142 Resp: 165513

Ion Ratio Lower Upper

142 100

141 89.1 71.8 107.8

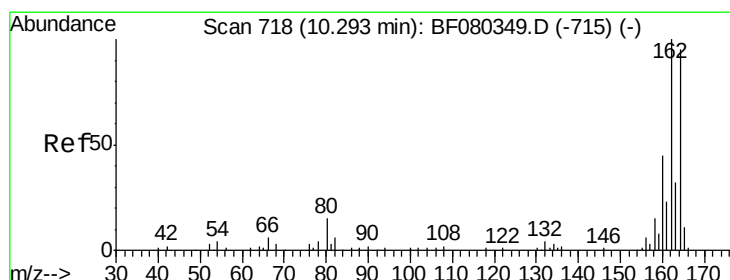
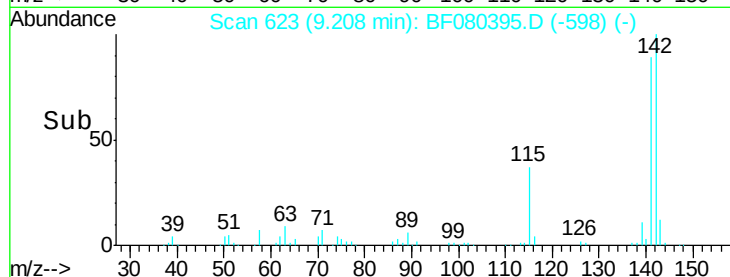
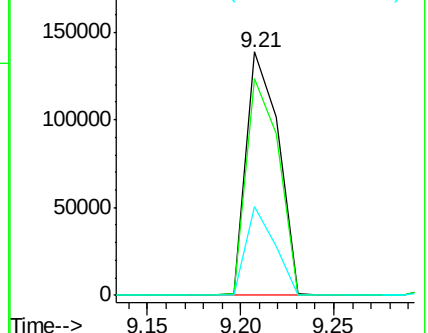
115 36.5 22.6 34.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080395.D

Acq: 8 Jul 2015 18:51

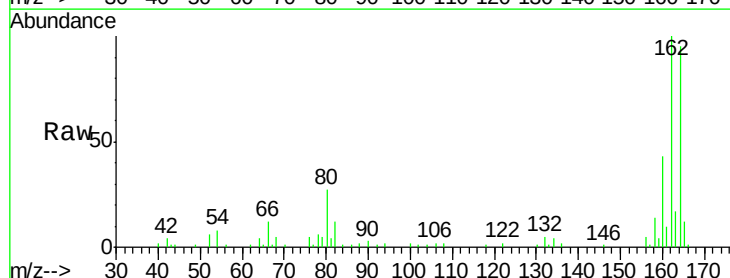
Tgt Ion:164 Resp: 70497

Ion Ratio Lower Upper

164 100

162 105.2 84.5 126.7

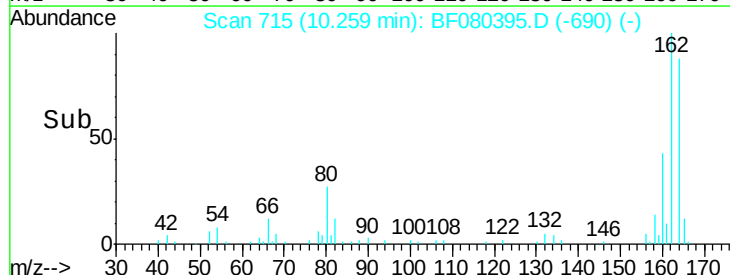
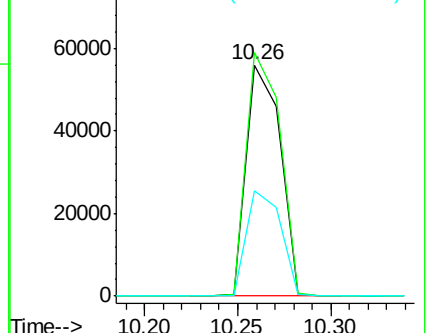
160 45.4 37.7 56.5

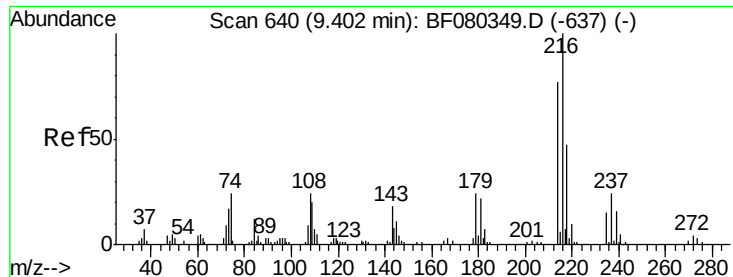


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

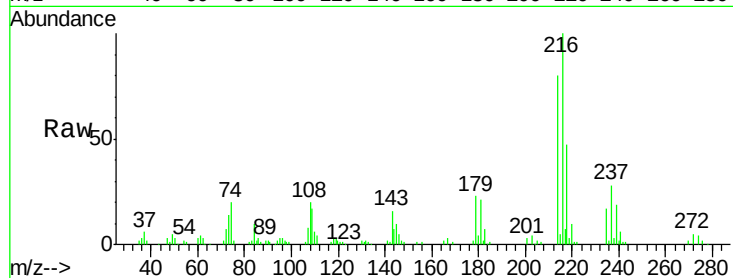




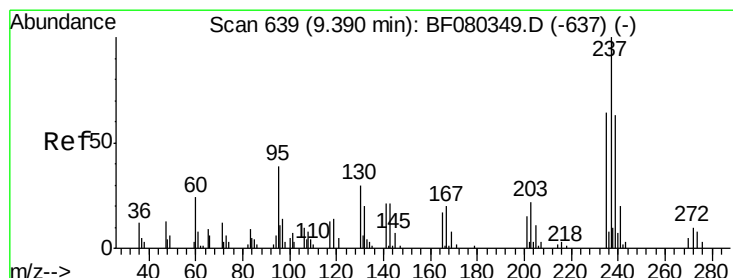
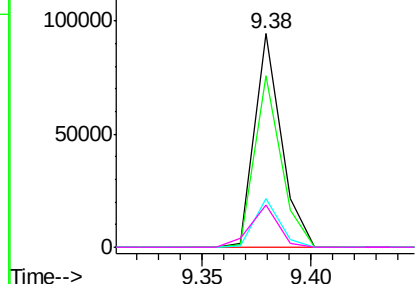
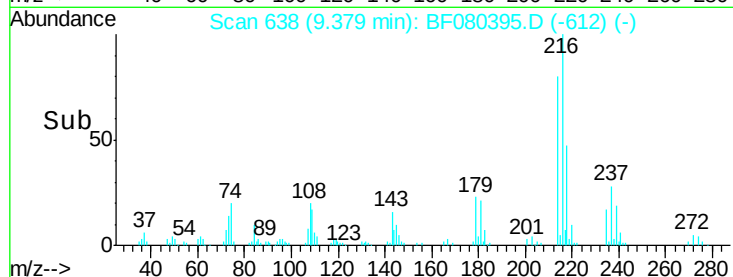
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.07 ng
 RT: 9.38 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84396BS

Tgt Ion:	216	Resp:	80588
Ion	Ratio	Lower	Upper
216	100		
214	79.6	61.2	91.8
179	21.6	16.9	25.3
108	20.7	16.2	24.4

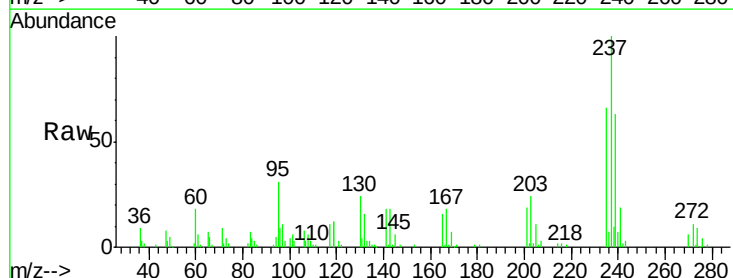


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 69.82 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF080395.D
 Acq: 8 Jul 2015 18:51

Tgt Ion:	237	Resp:	63934
Ion	Ratio	Lower	Upper
237	100		
235	65.5	44.2	84.2
272	10.7	0.0	29.7



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

