

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083053.D
 Acq On : 20 Nov 2015 00:05
 Operator : UM/IZ
 Sample : PB86723BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Quant Time: Nov 20 06:44:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	127340	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	480816	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	249968	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	459958	20.00	ng	0.00
75) Chrysene-d12	13.86	240	401970	20.00	ng	0.00
86) Perylene-d12	15.23	264	333540	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1039614	126.80	ng	0.02
7) Phenol-d6	6.36	99	1372944	127.15	ng	0.01
23) Nitrobenzene-d5	7.26	82	905216	86.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	291244	109.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1376552	74.17	ng	-0.01
78) Terphenyl-d14	12.81	244	1302269	76.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	111558	30.01	ng	92
3) Pyridine	2.92	79	375239	37.24	ng	99
4) n-Nitrosodimethylamine	2.86	42	174328	34.20	ng	99
6) Aniline	6.36	93	301297	20.40	ng	# 78
8) 2-Chlorophenol	6.49	128	334633	36.60	ng	98
9) Benzaldehyde	6.24	77	239728	44.56	ng	97
10) Phenol	6.37	94	544675	43.29	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	328029	35.88	ng	98
12) 1,3-Dichlorobenzene	6.88	146	371863	36.33	ng	96
13) 1,4-Dichlorobenzene	6.72	146	352050	33.96	ng	98
14) 1,2-Dichlorobenzene	6.88	146	371876	38.82	ng	97
15) Benzyl Alcohol	6.85	79	344509	38.78	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	541692	38.01	ng	98
17) 2-Methylphenol	6.98	107	304007	39.81	ng	99
18) Hexachloroethane	7.22	117	139221	36.54	ng	# 90
19) n-Nitroso-di-n-propylamine	7.13	70	276110	34.99	ng	97
20) 3+4-Methylphenols	7.14	107	397342	39.92	ng	99
22) Acetophenone	7.12	105	496131	36.84	ng	# 97
24) Nitrobenzene	7.29	77	411249	38.82	ng	96
25) Isophorone	7.54	82	758935	38.31	ng	97
26) 2-Nitrophenol	7.61	139	182459	39.38	ng	92
27) 2,4-Dimethylphenol	7.66	122	346454	45.25	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	451519	40.68	ng	99
29) 2,4-Dichlorophenol	7.86	162	333443	44.93	ng	97
30) 1,2,4-Trichlorobenzene	7.94	180	321382	39.10	ng	99
31) Naphthalene	8.01	128	966685	38.59	ng	99
32) Benzoic acid	7.79	122	176851	37.98	ng	98
33) 4-Chloroaniline	8.06	127	149104	13.68	ng	92
34) Hexachlorobutadiene	8.14	225	193323	37.64	ng	99
35) Caprolactam	8.44	113	72627	30.78	ng	# 63
36) 4-Chloro-3-methylphenol	8.57	107	361185	42.10	ng	94
37) 2-Methylnaphthalene	8.70	142	641524	38.46	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	317914	38.57	ng	99
40) Hexachlorocyclopentadiene	8.86	237	311278	81.04	ng	99

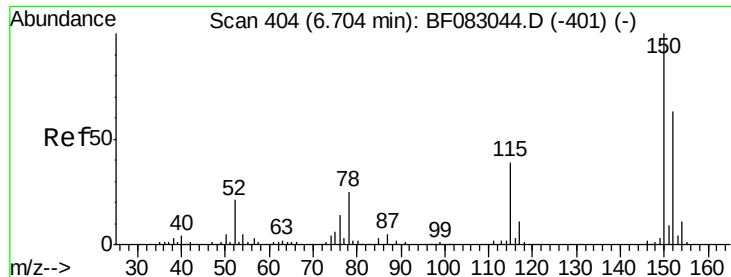
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083053.D
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Quant Time: Nov 20 06:44:55 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	227351	38.01	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	227602	38.16	ng	95
45) 1,1'-Biphenyl	9.17	154	854729	38.87	ng	99
46) 2-Chloronaphthalene	9.20	162	669329	40.00	ng	97
47) 2-Nitroaniline	9.29	65	208312	33.00	ng	93
48) Acenaphthylene	9.61	152	1050681	38.15	ng	100
49) Dimethylphthalate	9.48	163	788040	38.30	ng	99
50) 2,6-Dinitrotoluene	9.54	165	184870	41.69	ng	89
51) Acenaphthene	9.78	154	653953	37.57	ng	100
52) 3-Nitroaniline	9.70	138	85342	16.87	ng	87
53) 2,4-Dinitrophenol	9.81	184	200792	88.85	ng	# 82
54) Dibenzofuran	9.95	168	865219	37.09	ng	99
55) 4-Nitrophenol	9.88	139	223567	64.38	ng	# 74
56) 2,4-Dinitrotoluene	9.94	165	236793	39.89	ng	99
57) Fluorene	10.29	166	738767	39.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	199974	41.48	ng	99
59) Diethylphthalate	10.18	149	729117	36.34	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	337014	38.34	ng	95
61) 4-Nitroaniline	10.32	138	178254	34.50	ng	100
62) Azobenzene	10.44	77	855140	38.05	ng	83
64) 4,6-Dinitro-2-methylphenol	10.35	198	131312	44.78	ng	97
65) n-Nitrosodiphenylamine	10.41	169	591373	36.69	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	199397	37.43	ng	95
67) Hexachlorobenzene	10.84	284	235716	40.45	ng	92
68) Atrazine	10.94	200	235725	46.69	ng	98
69) Pentachlorophenol	11.04	266	239445	80.52	ng	99
70) Phenanthrene	11.25	178	1093405	39.40	ng	100
71) Anthracene	11.30	178	1094877	39.17	ng	99
72) Carbazole	11.46	167	1041046	42.60	ng	99
73) Di-n-butylphthalate	11.80	149	1220015	39.59	ng	99
74) Fluoranthene	12.43	202	1108320	38.32	ng	99
76) Benzidine	12.56	184	430405	32.72	ng	98
77) Pyrene	12.66	202	1203467	42.53	ng	99
79) Butylbenzylphthalate	13.29	149	467444	37.38	ng	95
80) Benzo(a)anthracene	13.85	228	1031534	40.38	ng	98
81) 3,3'-Dichlorobenzidine	13.81	252	209788	24.40	ng	# 96
82) Chrysene	13.88	228	940722	40.16	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	694903	42.50	ng	# 100
84) Di-n-octyl phthalate	14.47	149	1048515	39.36	ng	98
85) Indeno(1,2,3-cd)pyrene	16.53	276	753830	39.56	ng	100
87) Benzo(b)fluoranthene	14.85	252	1599484	68.58	ng	98
88) Benzo(k)fluoranthene	14.85	252	1599484	90.03	ng	# 97
89) Benzo(a)pyrene	15.19	252	791119	42.27	ng	99
90) Dibenzo(a,h)anthracene	16.55	278	635746	39.03	ng	97
91) Benzo(g,h,i)perylene	16.92	276	620249	39.04	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampled :

PB86723BS

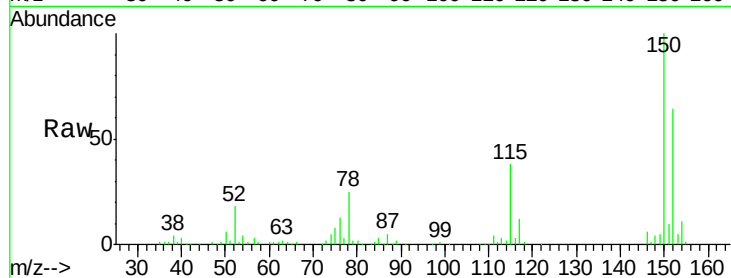
Tgt Ion:152 Resp: 127340

Ion Ratio Lower Upper

152 100

150 155.4 126.4 189.6

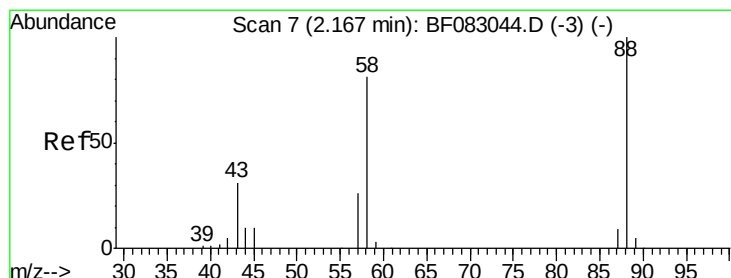
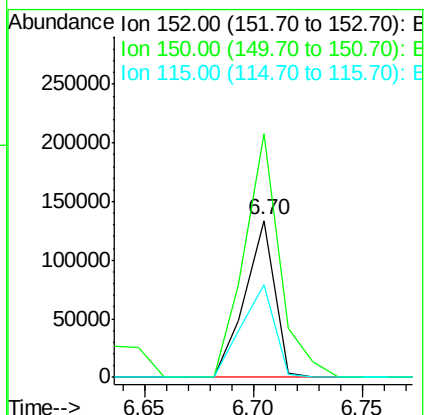
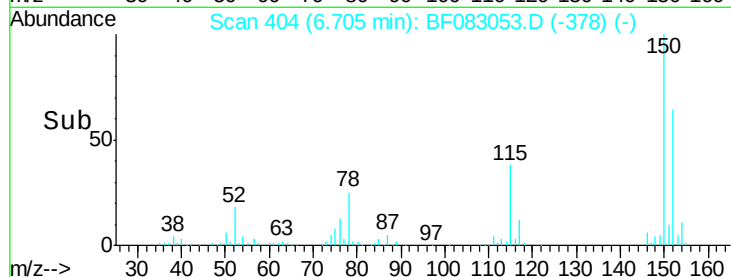
115 59.4 49.0 73.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.01 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.09 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

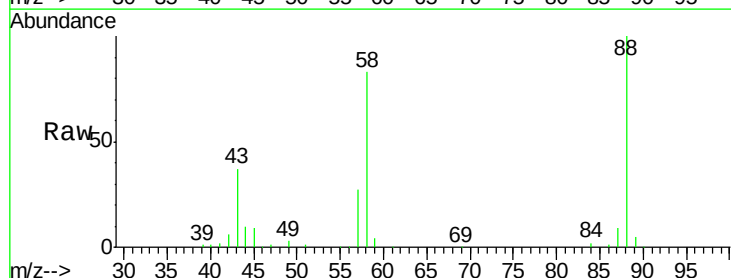
Tgt Ion: 88 Resp: 111558

Ion Ratio Lower Upper

88 100

58 87.8 64.8 97.2

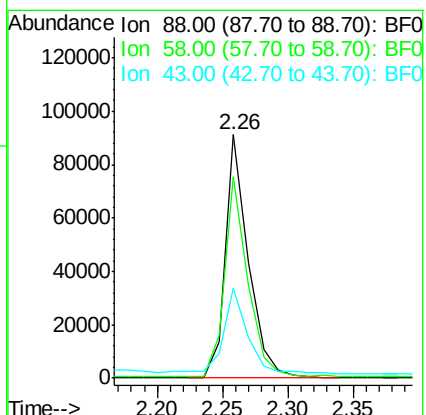
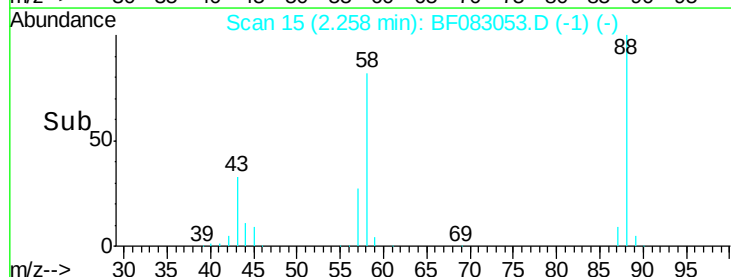
43 37.1 26.2 39.4

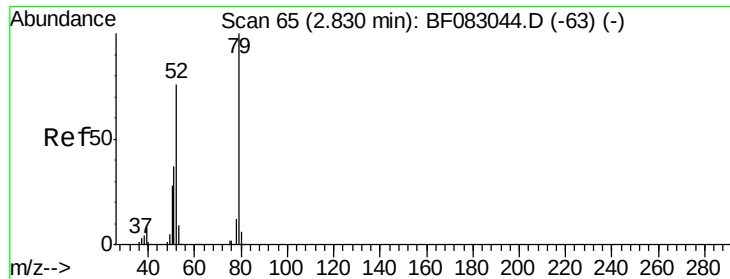


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.24 ng

RT: 2.92 min Scan# 73

Delta R.T. 0.09 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

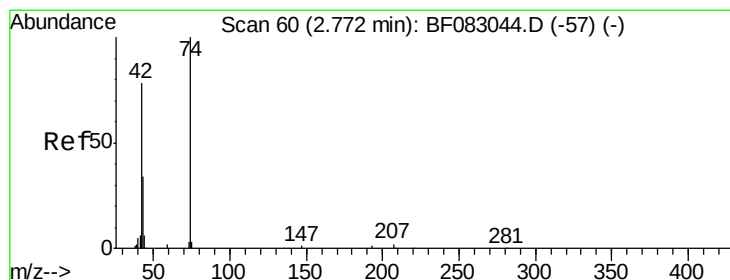
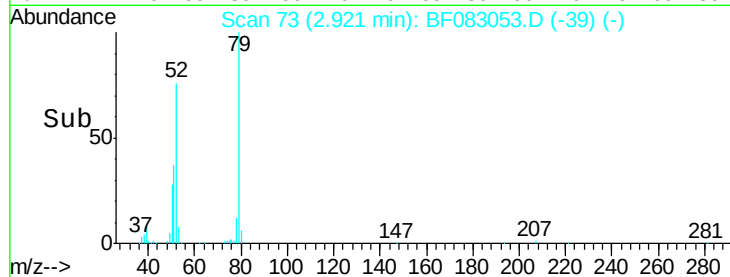
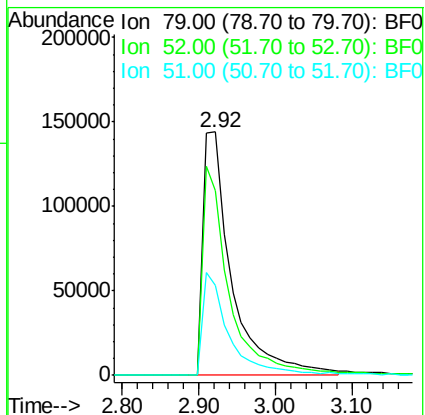
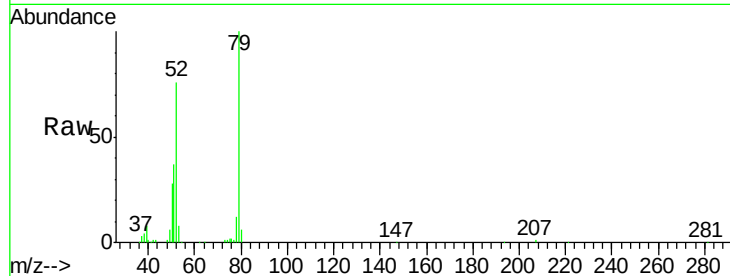
Tgt Ion: 79 Resp: 375239

Ion Ratio Lower Upper

79 100

52 75.7 61.0 91.4

51 36.8 30.0 45.0



#4

n-Nitrosodimethylamine

Concen: 34.20 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.09 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

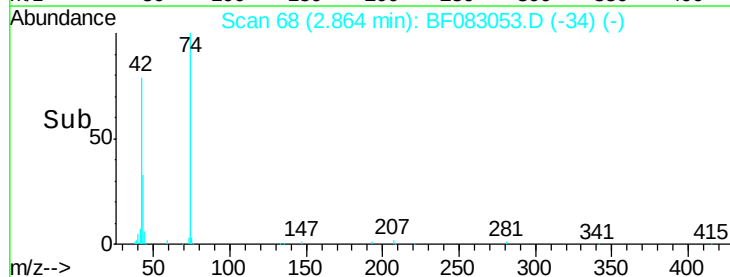
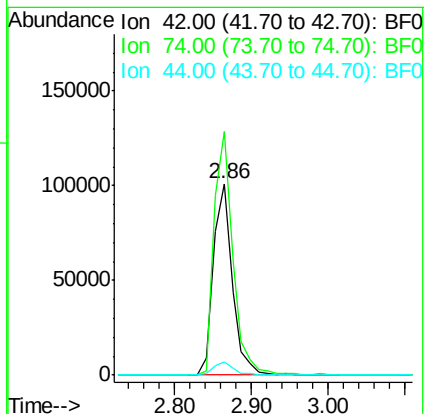
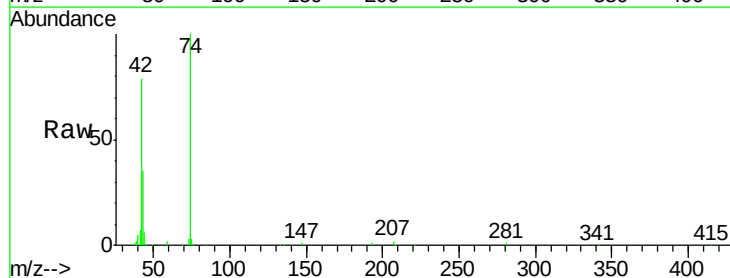
Tgt Ion: 42 Resp: 174328

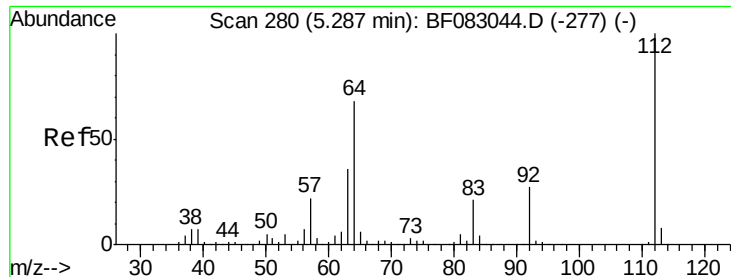
Ion Ratio Lower Upper

42 100

74 127.3 102.4 153.6

44 7.1 5.8 8.8

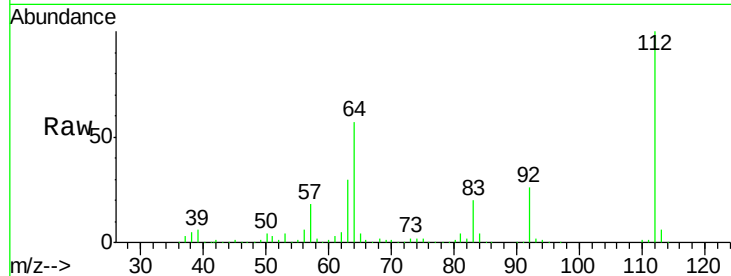




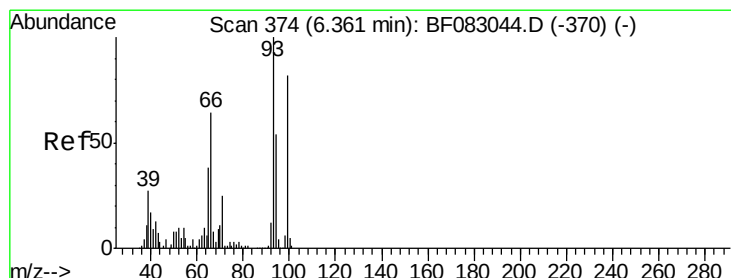
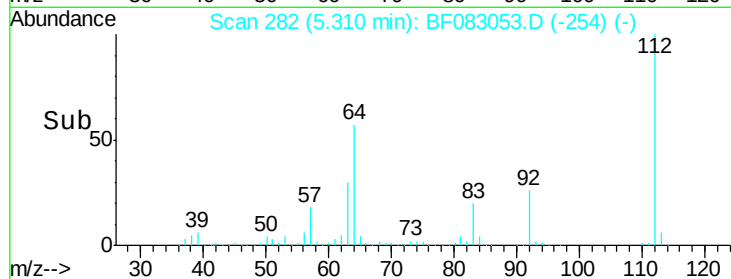
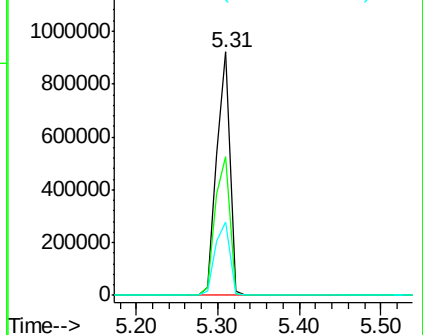
#5
 2-Fluorophenol
 Concen: 126.80 ng
 RT: 5.31 min Scan# 282
 Delta R.T. 0.02 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion: 112 Resp: 1039614
 Ion Ratio Lower Upper
 112 100
 64 57.0 54.8 82.2
 63 30.3 29.0 43.4

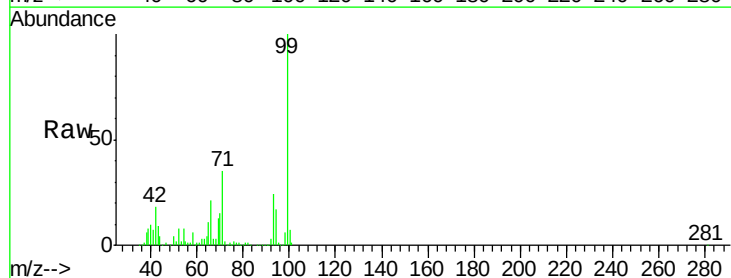


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

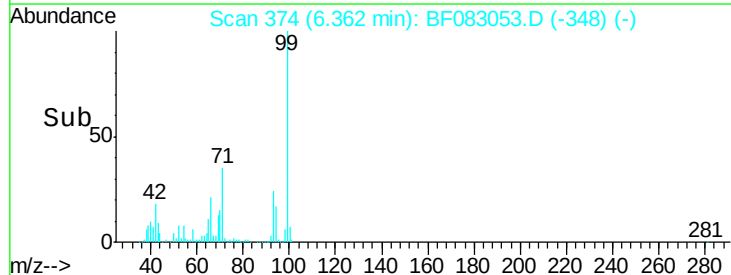
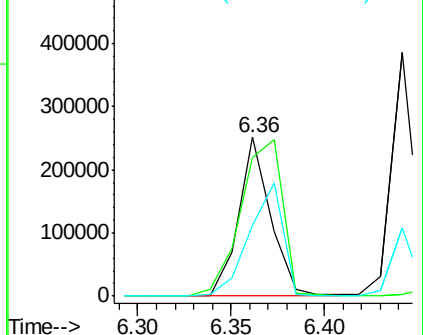


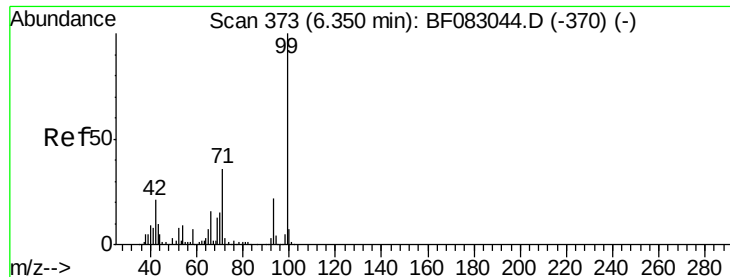
#6
 Aniline
 Concen: 20.40 ng
 RT: 6.36 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion: 93 Resp: 301297
 Ion Ratio Lower Upper
 93 100
 66 87.4 51.4 77.2#
 65 44.4 30.7 46.1



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: 127.15 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampled :

PB86723BS

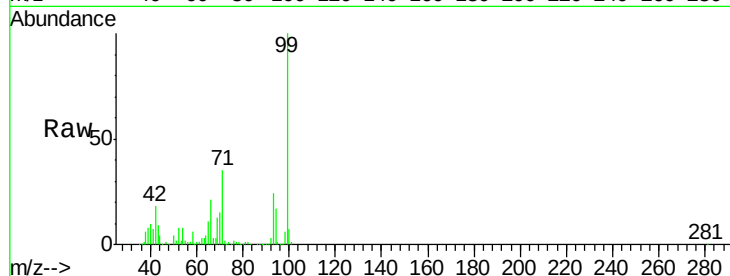
Tgt Ion: 99 Resp: 1372944

Ion Ratio Lower Upper

99 100

42 17.9 16.6 25.0

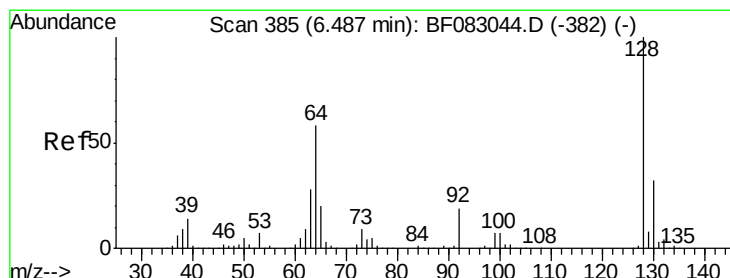
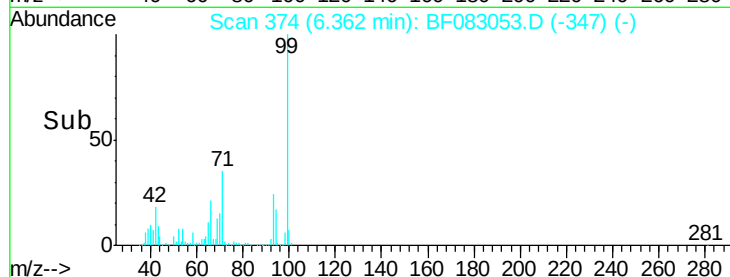
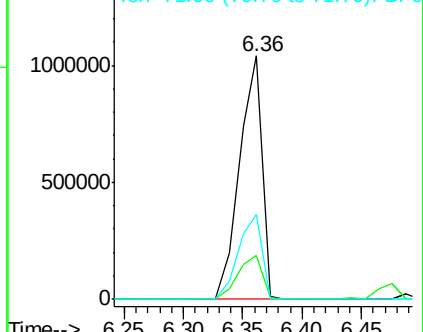
71 34.8 29.2 43.8



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: 36.60 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

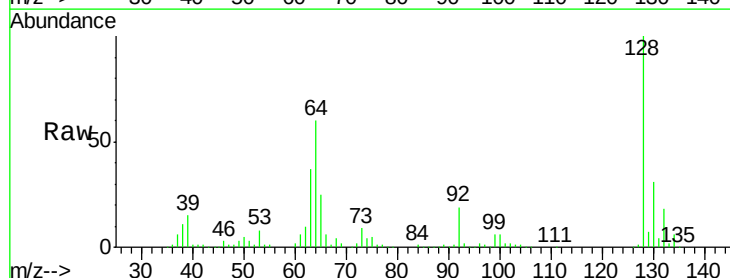
Tgt Ion: 128 Resp: 334633

Ion Ratio Lower Upper

128 100

130 31.4 12.3 52.3

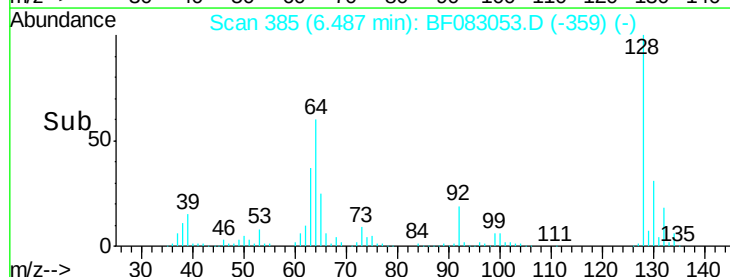
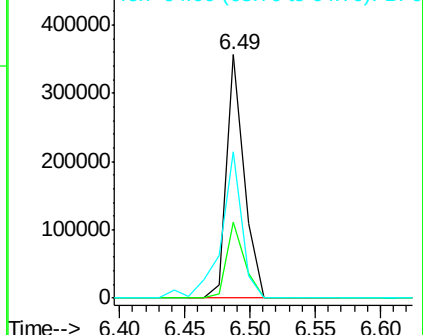
64 60.1 38.3 78.3

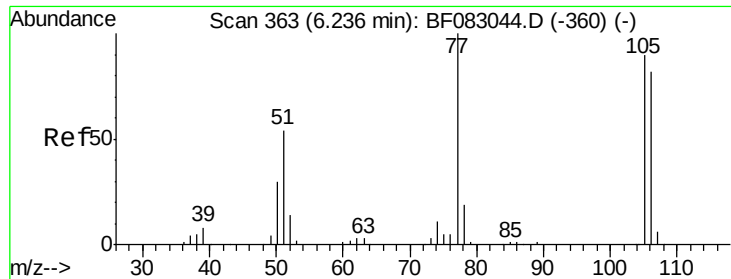


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 44.56 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

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PB86723BS

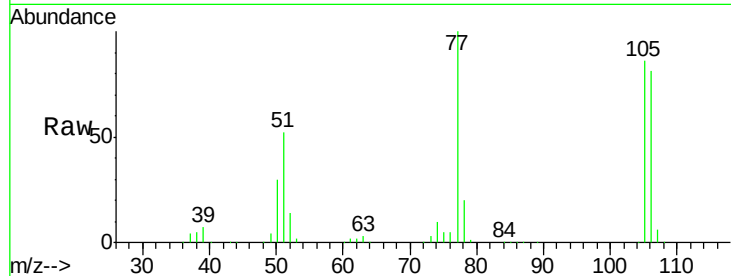
Tgt Ion: 77 Resp: 239728

Ion Ratio Lower Upper

77 100

105 85.9 69.6 109.6

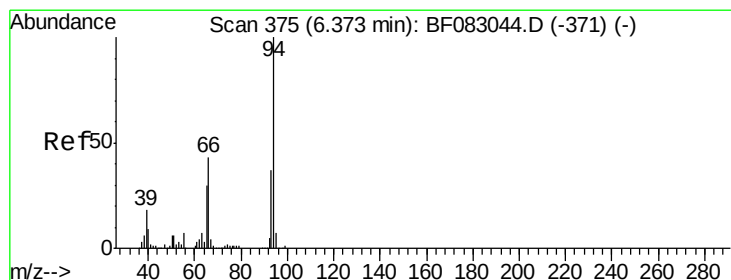
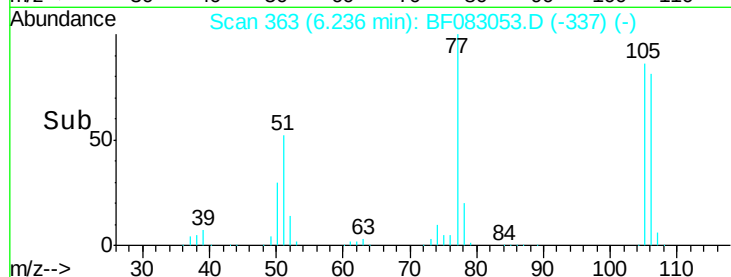
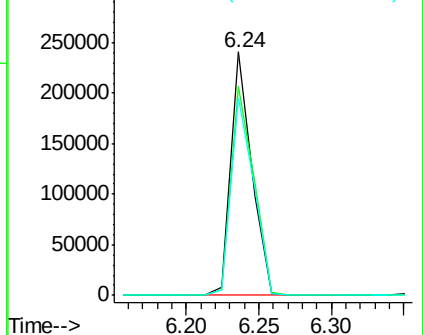
106 81.1 62.0 102.0



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: 43.29 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

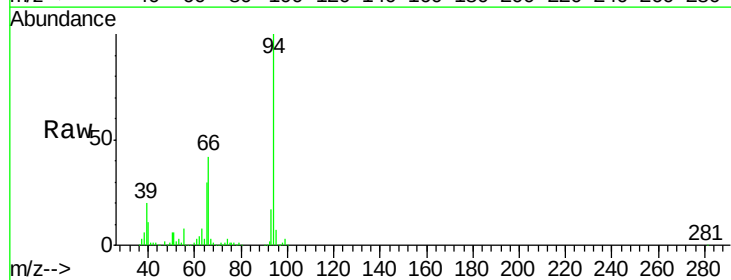
Tgt Ion: 94 Resp: 544675

Ion Ratio Lower Upper

94 100

65 30.4 10.1 50.1

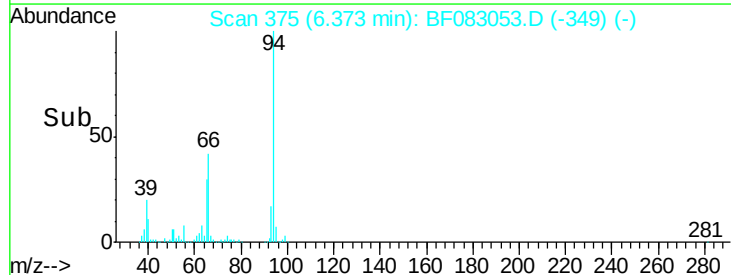
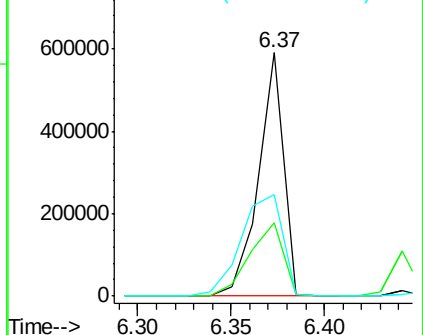
66 41.9 23.2 63.2

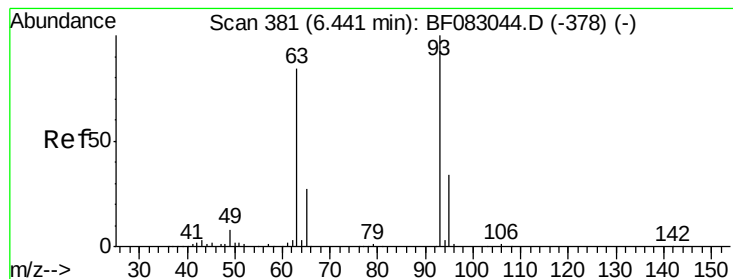


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.88 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

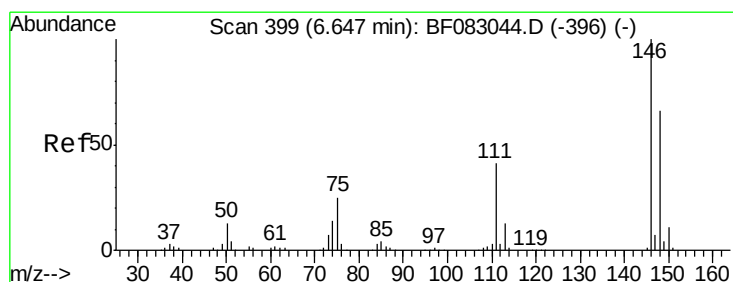
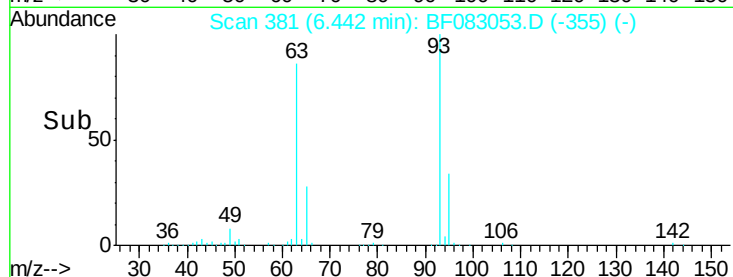
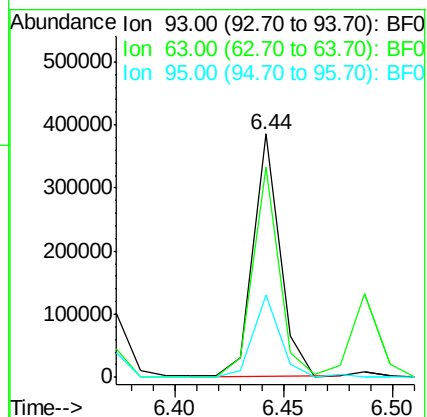
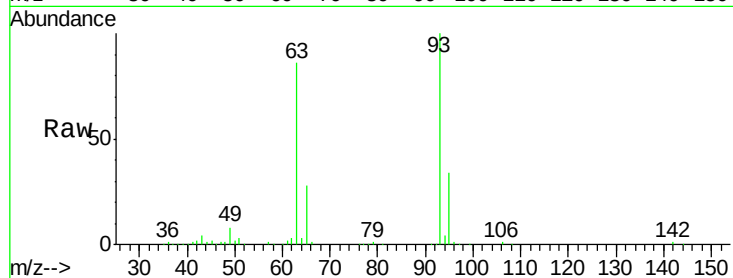
Tgt Ion: 93 Resp: 328029

Ion Ratio Lower Upper

93 100

63 86.3 63.6 103.6

95 33.6 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 36.33 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

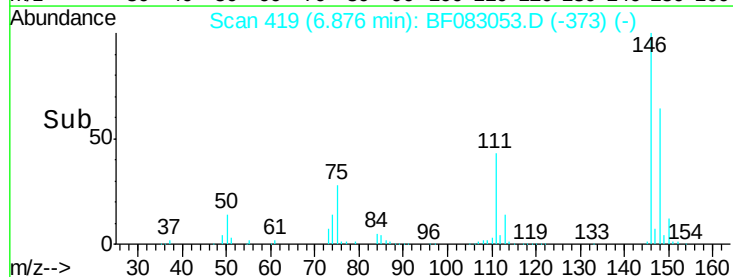
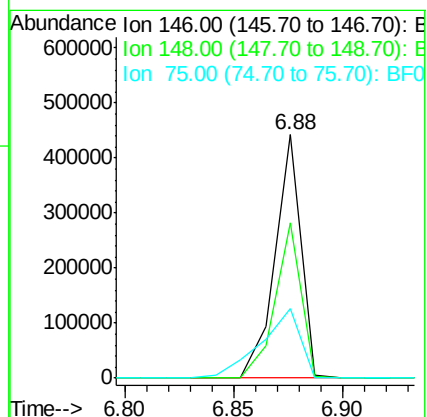
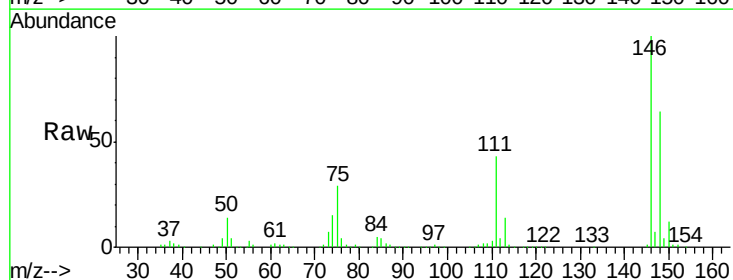
Tgt Ion: 146 Resp: 371863

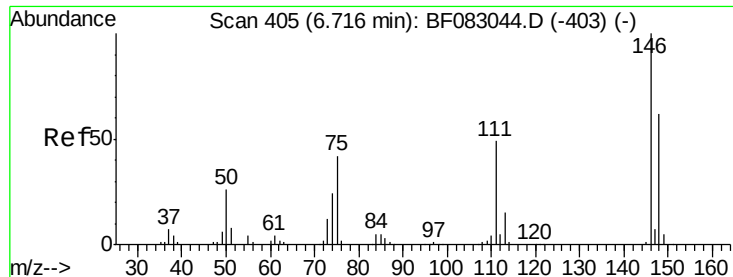
Ion Ratio Lower Upper

146 100

148 63.9 52.8 79.2

75 28.6 20.3 30.5

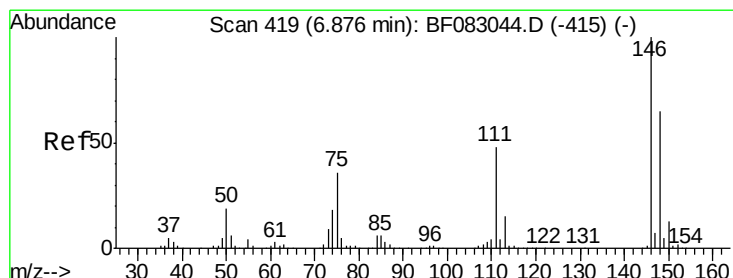
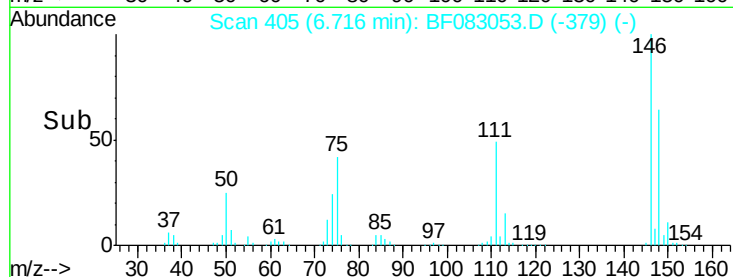
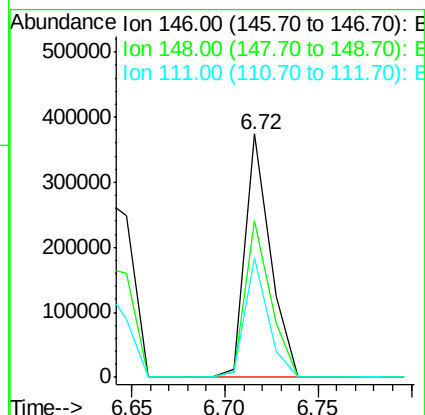
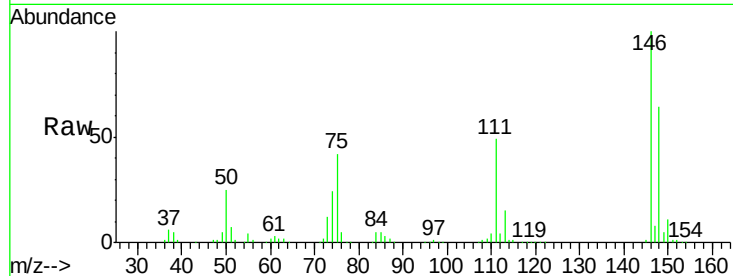




#13
 1,4-Dichlorobenzene
 Concen: 33.96 ng
 RT: 6.72 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

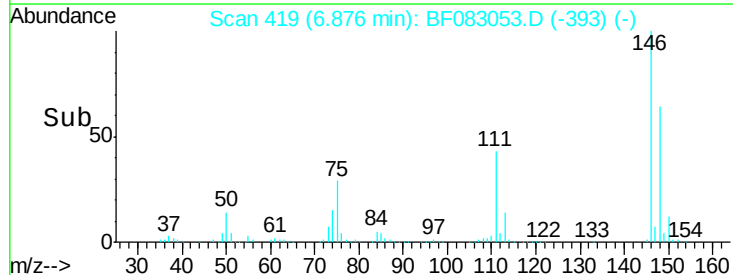
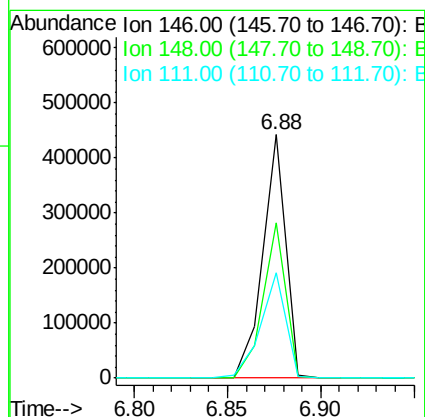
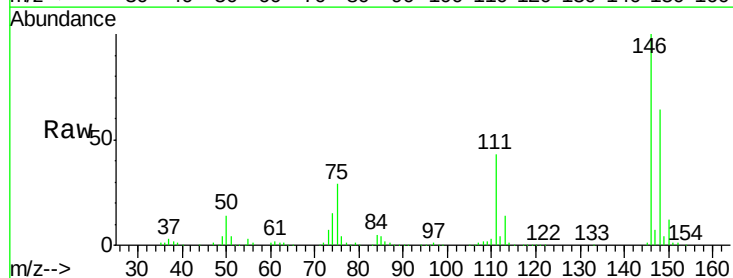
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

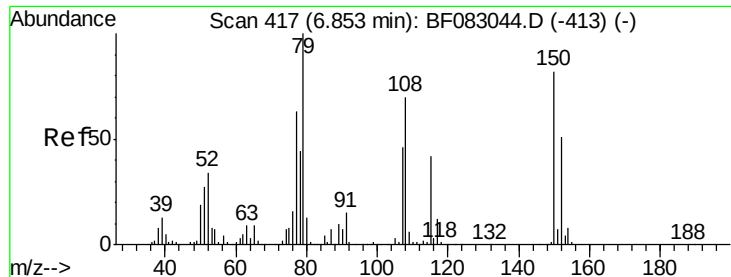
Tgt Ion:146 Resp: 352050
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.6 74.4
 111 48.8 39.0 58.6



#14
 1,2-Dichlorobenzene
 Concen: 38.82 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:146 Resp: 371876
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.6
 111 43.1 38.2 57.2





#15

Benzyl Alcohol

Concen: 38.78 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

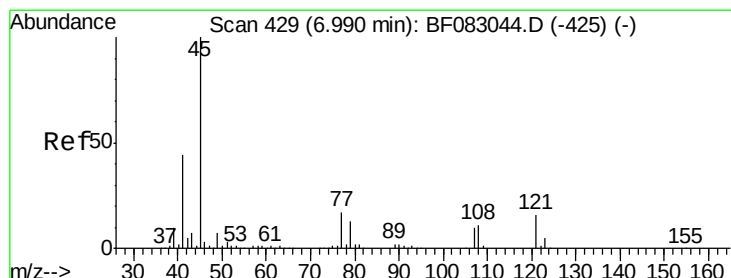
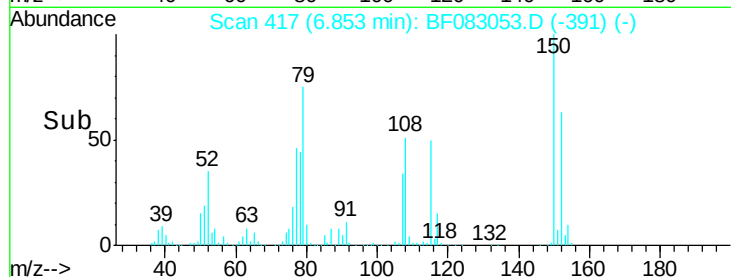
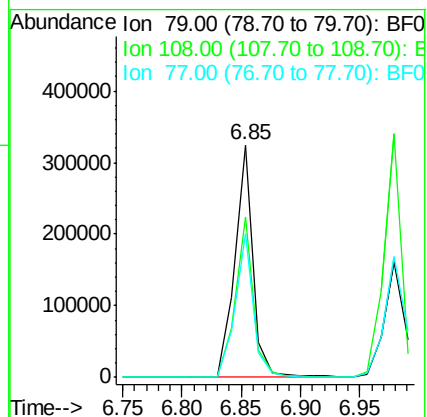
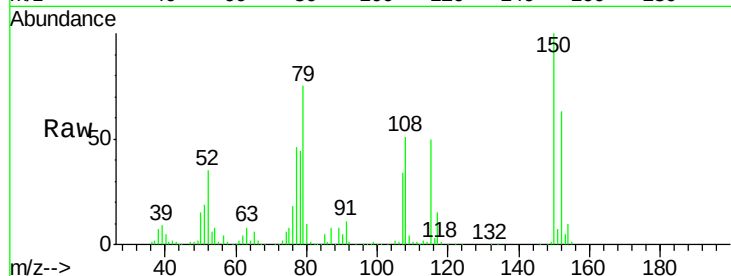
Tgt Ion: 79 Resp: 344509

Ion Ratio Lower Upper

79 100

108 68.8 55.7 83.5

77 61.8 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.01 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

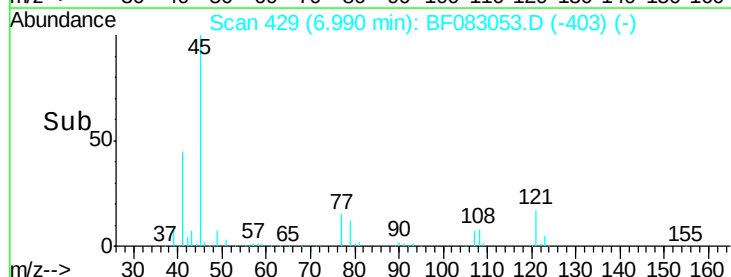
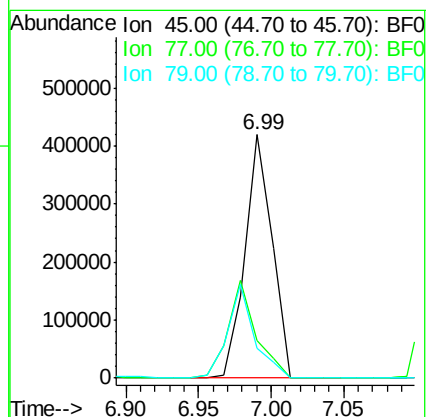
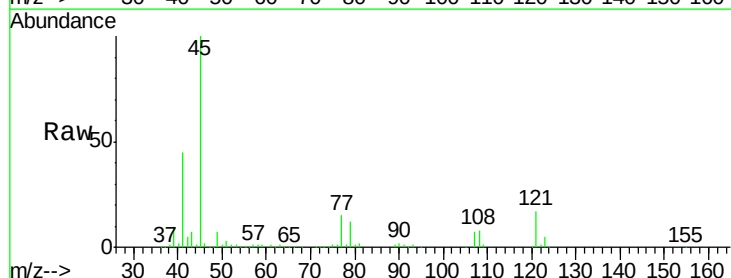
Tgt Ion: 45 Resp: 541692

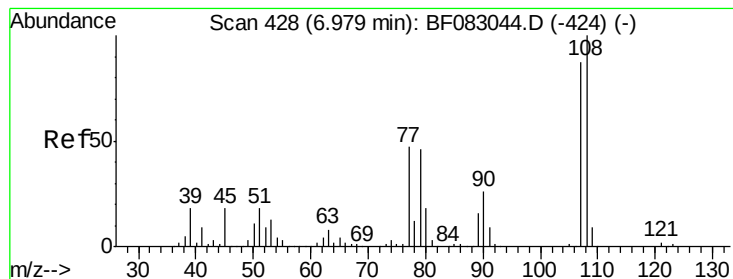
Ion Ratio Lower Upper

45 100

77 15.4 0.0 36.7

79 12.4 0.0 33.0





#17

2-Methylphenol

Concen: 39.81 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

Tgt Ion:107 Resp: 304007

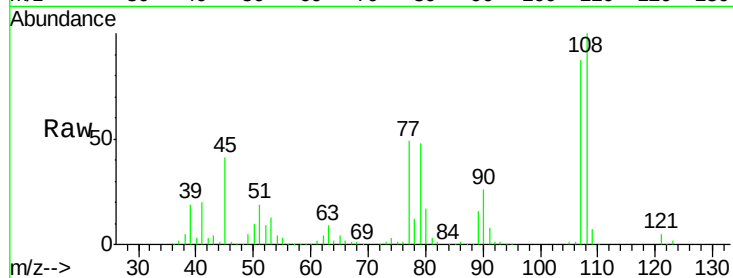
Ion Ratio Lower Upper

107 100

108 114.9 92.3 138.5

77 56.9 43.9 65.9

79 54.6 42.6 64.0

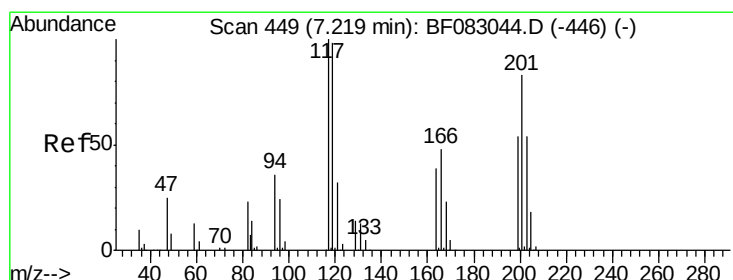
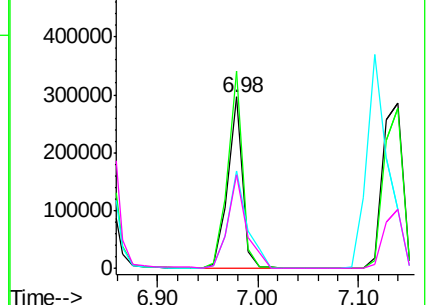
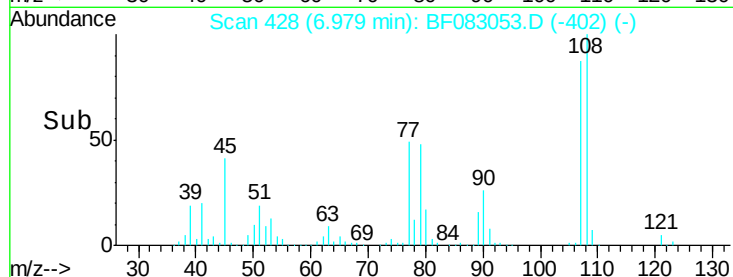


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.54 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

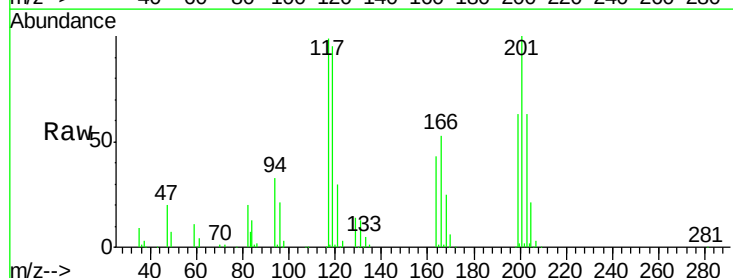
Tgt Ion:117 Resp: 139221

Ion Ratio Lower Upper

117 100

119 95.5 78.3 117.5

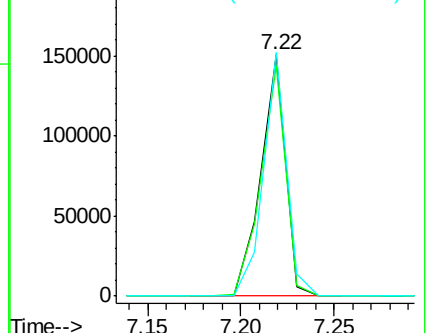
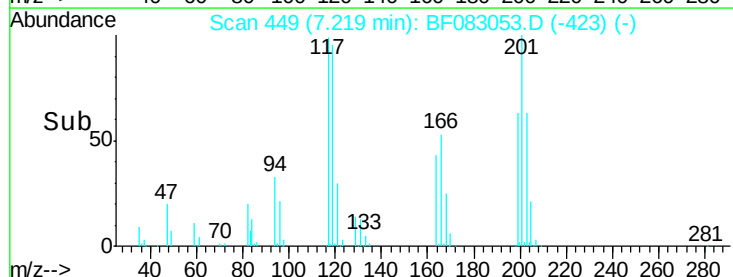
201 101.0 66.5 99.7#

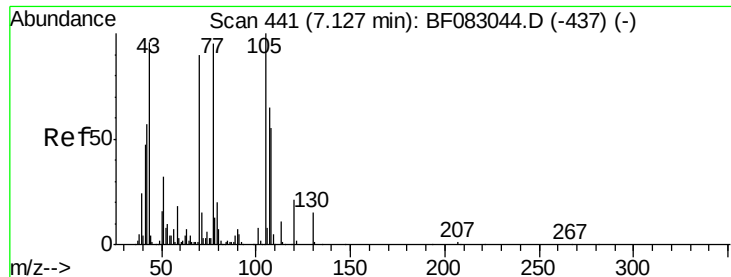


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

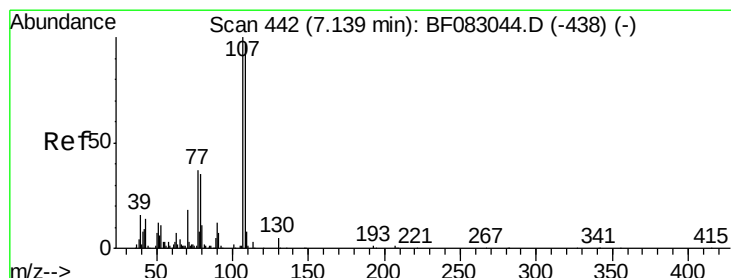
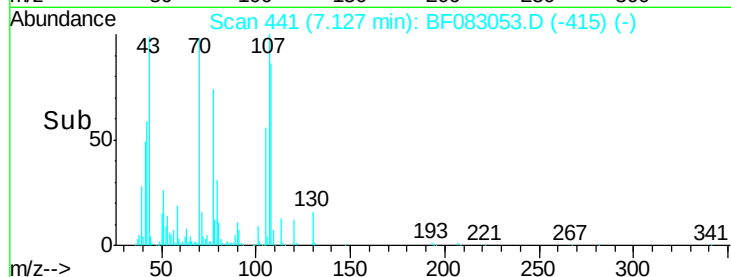
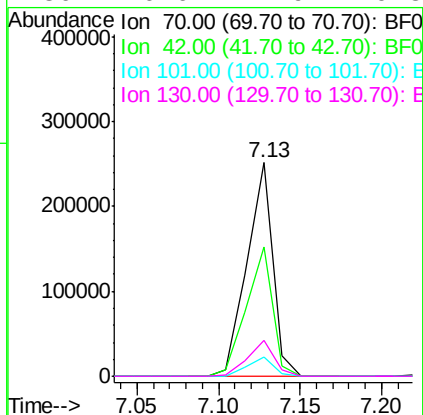
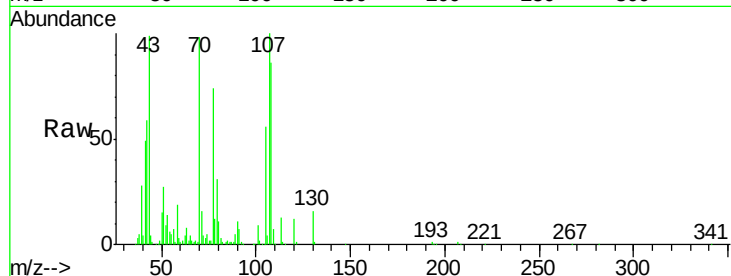




#19
n-Nitroso-di-n-propylamine
Concen: 34.99 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

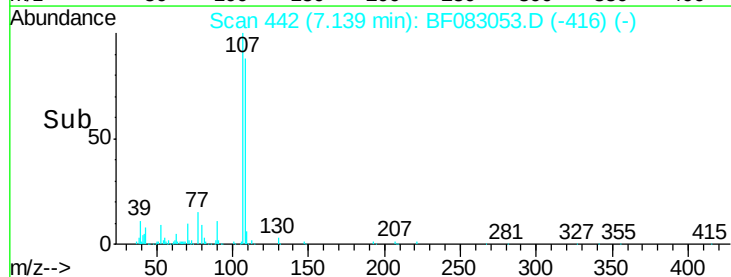
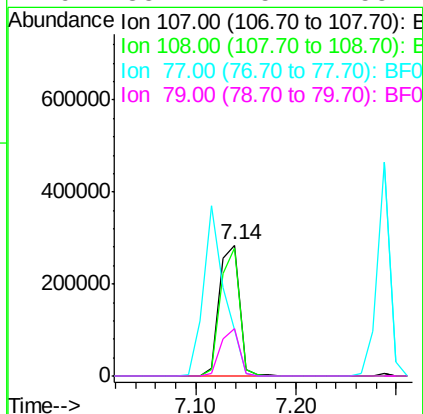
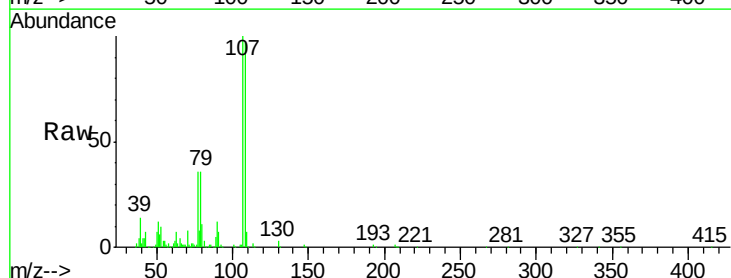
Instrument :
BNA_F
ClientSampleId :
PB86723BS

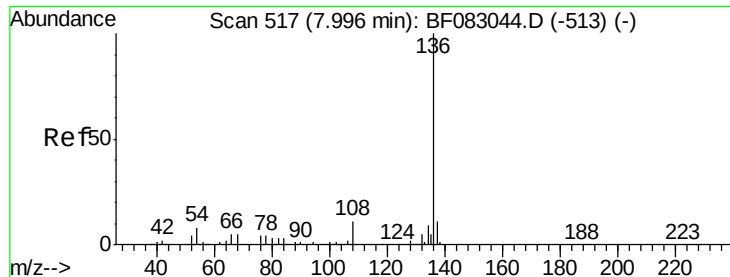
Tgt Ion:	70	Resp:	276110
Ion	Ratio	Lower	Upper
70	100		
42	60.4	50.2	75.2
101	9.0	6.8	10.2
130	16.6	12.9	19.3



#20
3+4-Methylphenols
Concen: 39.92 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Tgt Ion:	107	Resp:	397342
Ion	Ratio	Lower	Upper
107	100		
108	97.4	77.4	117.4
77	35.6	16.7	56.7
79	35.7	15.2	55.2

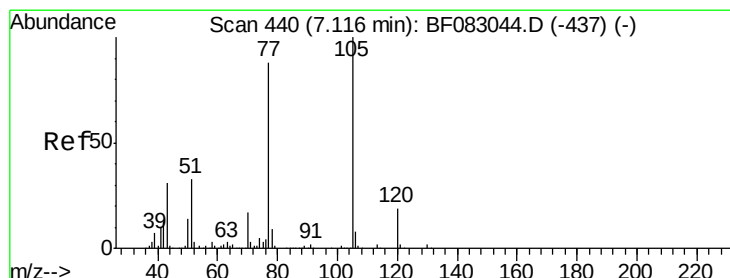
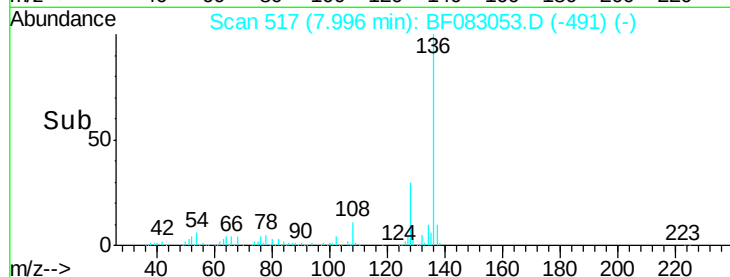
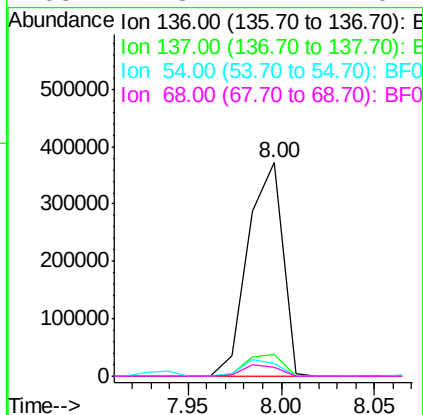
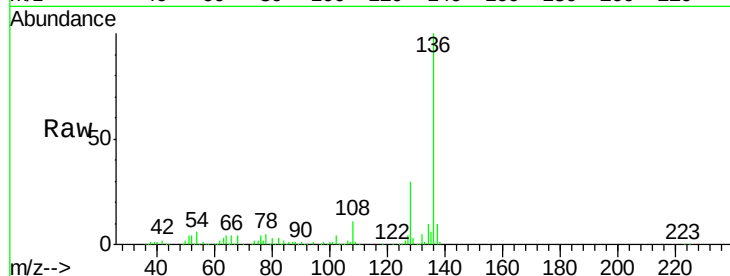




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

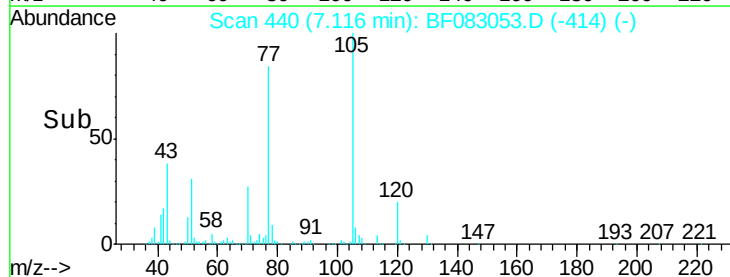
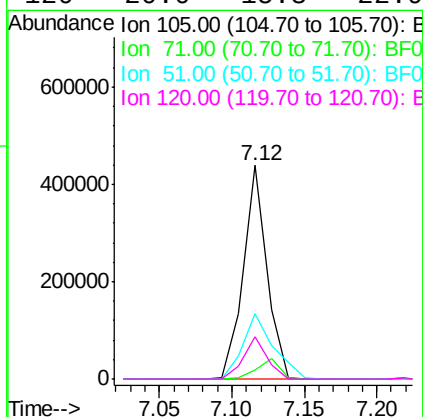
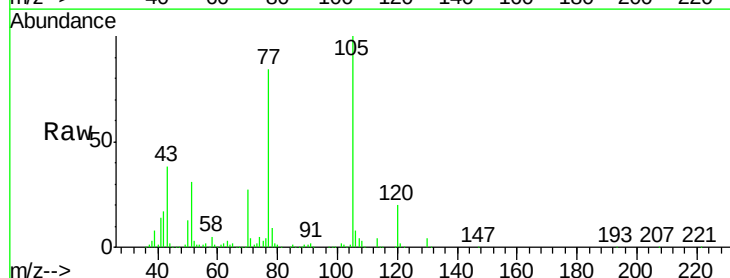
Instrument :
BNA_F
ClientSampleId :
PB86723BS

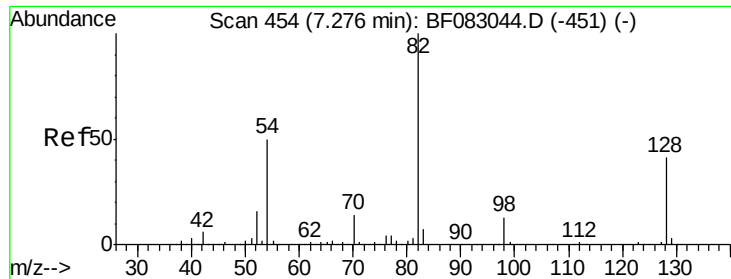
Tgt Ion:	136	Resp:	480816
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	6.2	6.2	9.2
68	4.3	4.2	6.2



#22
Acetophenone
Concen: 36.84 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Tgt Ion:	105	Resp:	496131
Ion	Ratio	Lower	Upper
105	100		
71	4.3	2.3	3.5#
51	30.8	26.1	39.1
120	20.0	15.3	22.9

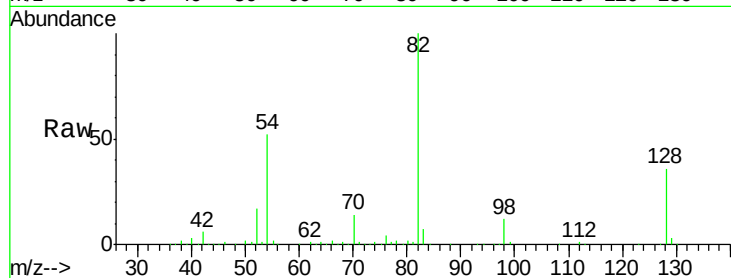




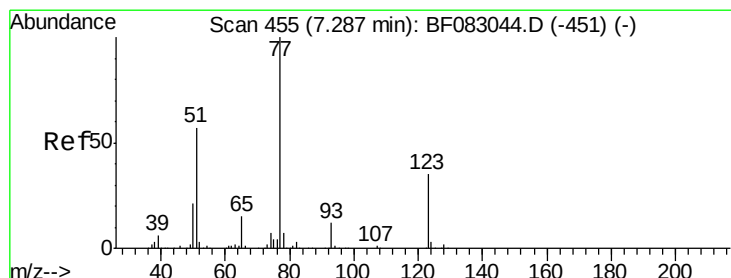
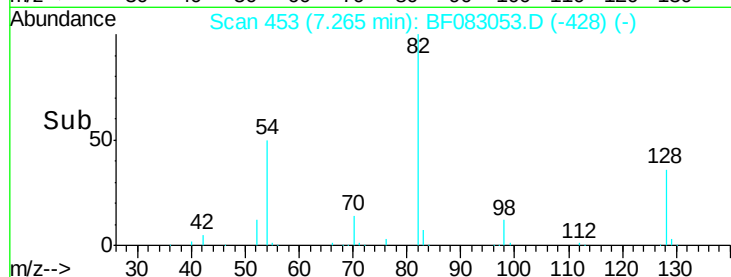
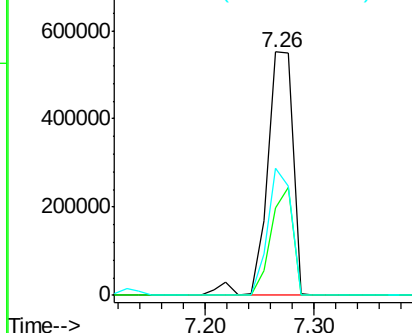
#23
 Nitrobenzene-d5
 Concen: 86.19 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion: 82 Resp: 905216
 Ion Ratio Lower Upper
 82 100
 128 35.7 33.1 49.7
 54 52.4 39.8 59.6

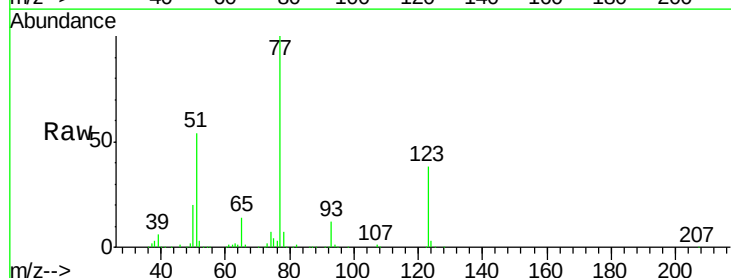


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

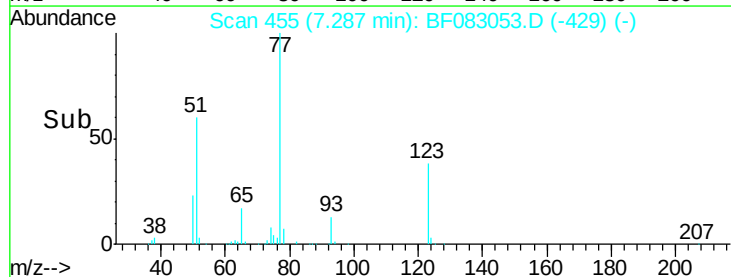
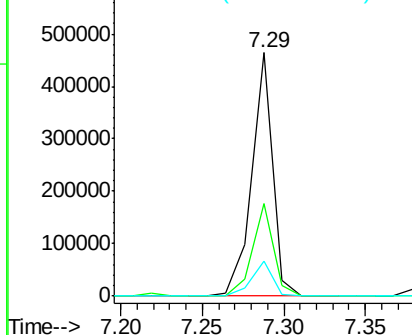


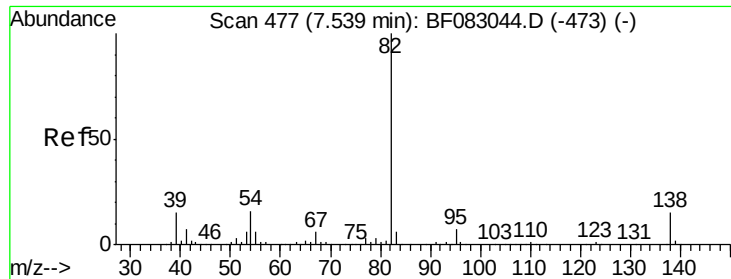
#24
 Nitrobenzene
 Concen: 38.82 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion: 77 Resp: 411249
 Ion Ratio Lower Upper
 77 100
 123 38.0 28.2 42.4
 65 14.5 11.8 17.8



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: 38.31 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

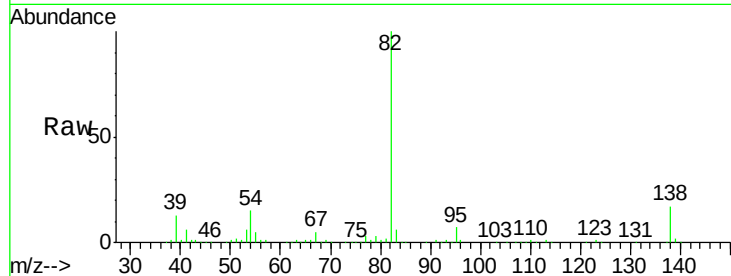
Tgt Ion: 82 Resp: 758935

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

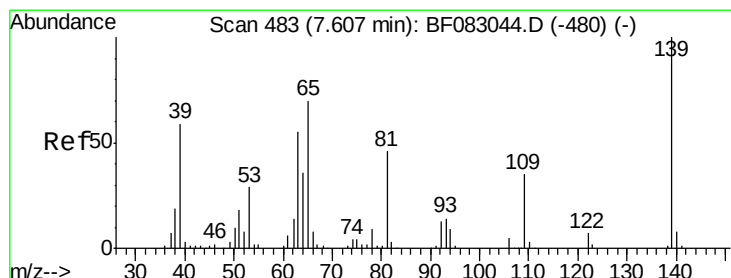
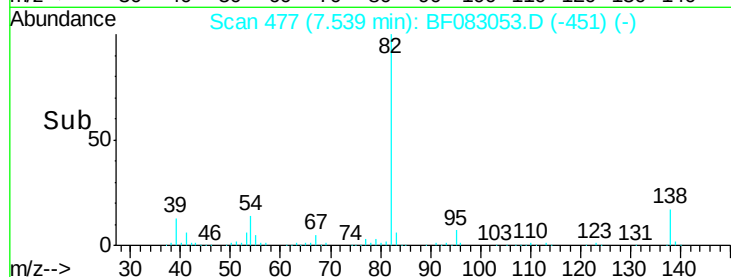
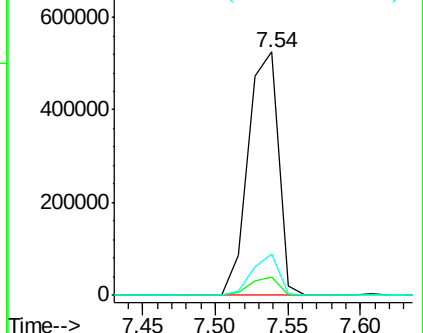
138 16.8 12.2 18.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.38 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

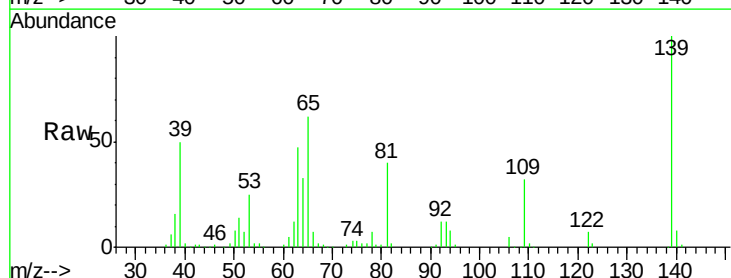
Tgt Ion: 139 Resp: 182459

Ion Ratio Lower Upper

139 100

109 32.5 27.8 41.6

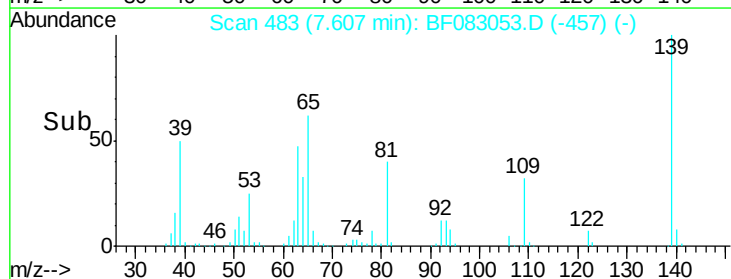
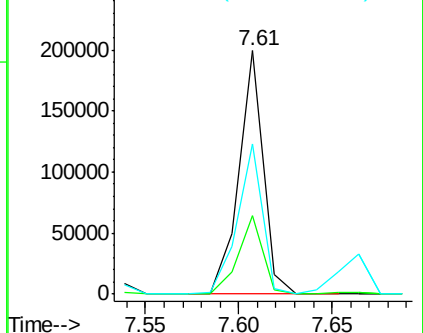
65 61.7 56.4 84.6

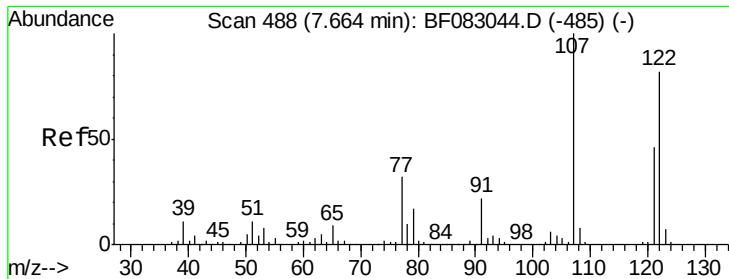


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

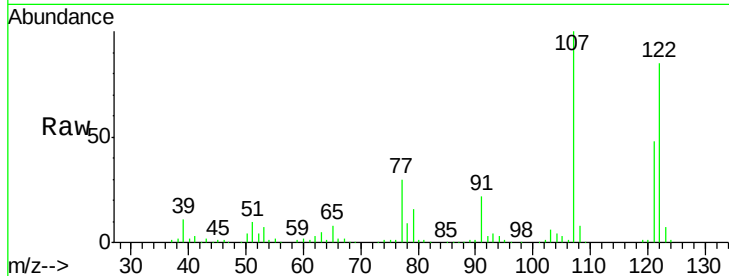




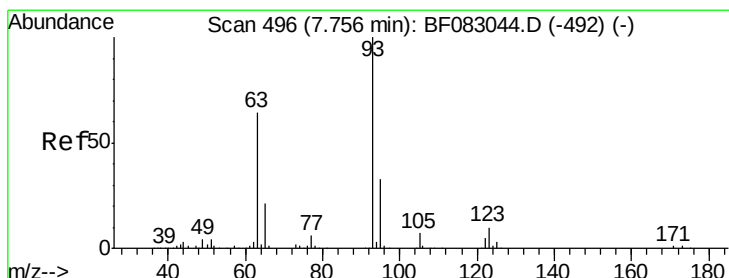
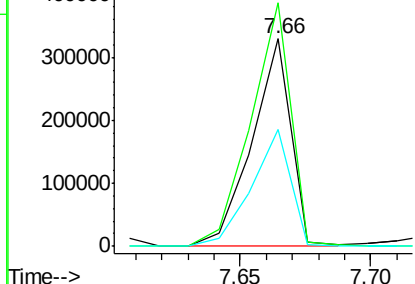
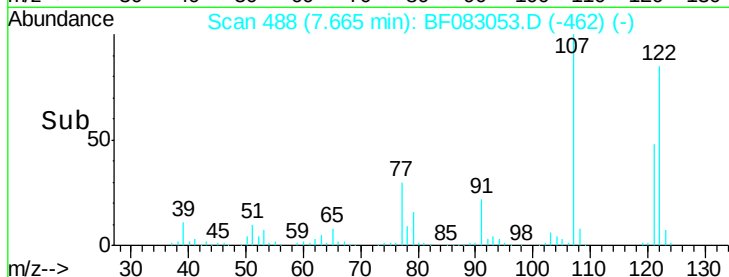
#27
 2,4-Dimethylphenol
 Concen: 45.25 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion: 122 Resp: 346454
 Ion Ratio Lower Upper
 122 100
 107 117.4 97.5 146.3
 121 56.1 45.3 67.9

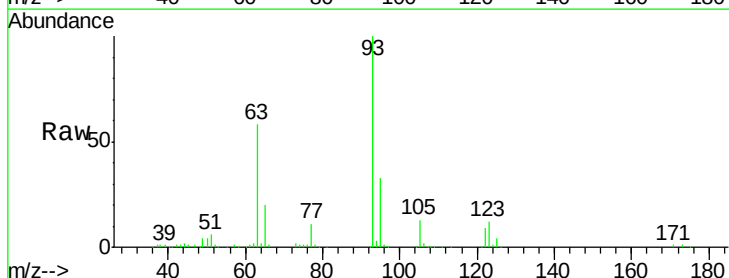


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

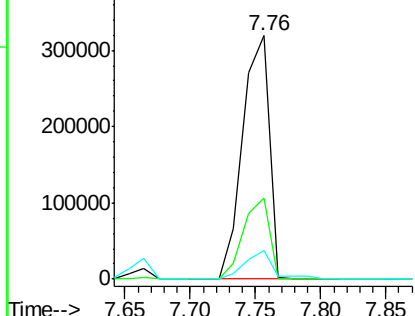
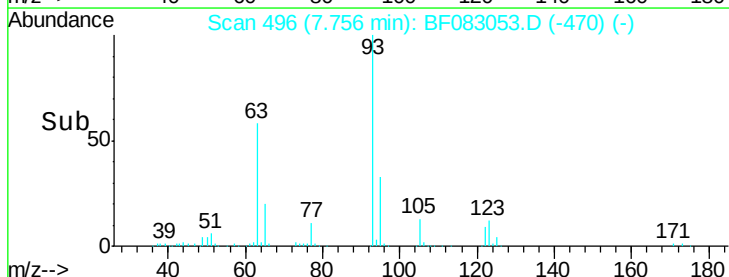


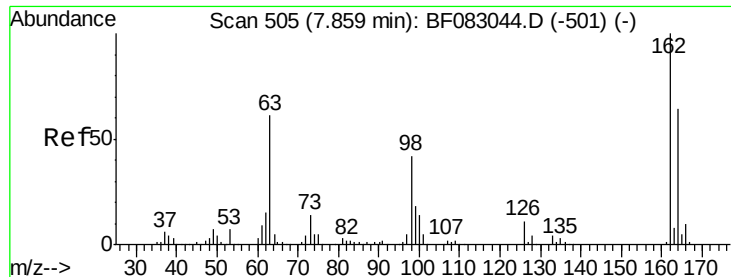
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.68 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion: 93 Resp: 451519
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.2
 123 11.5 8.5 12.7



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

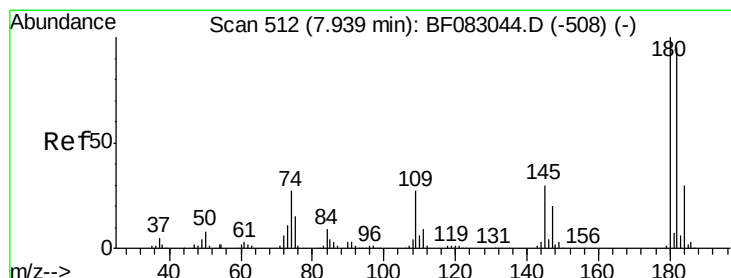
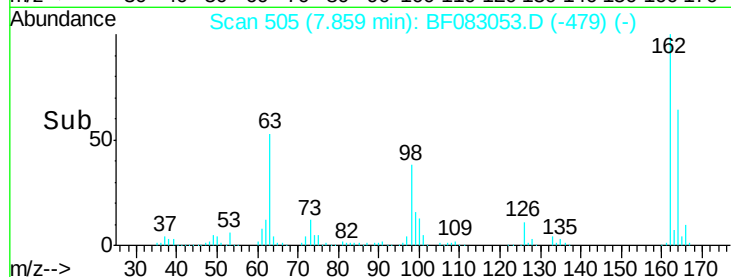
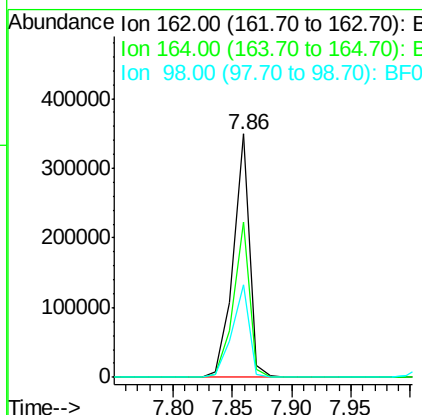
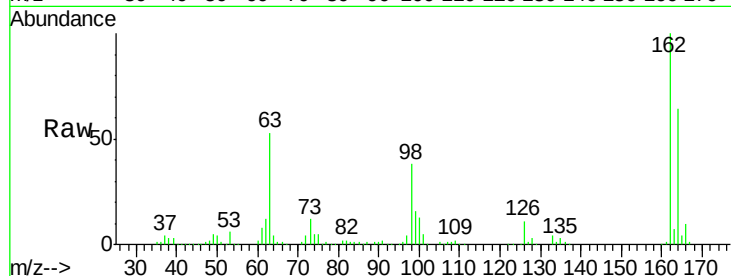




#29
 2,4-Dichlorophenol
 Concen: 44.93 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

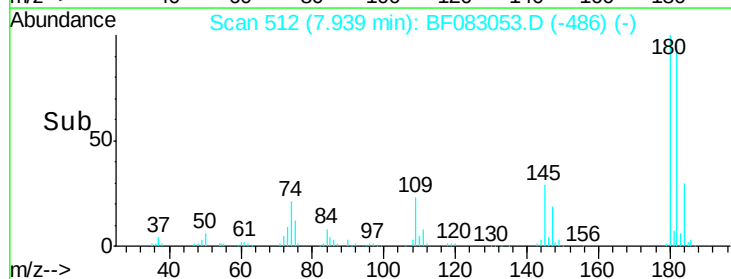
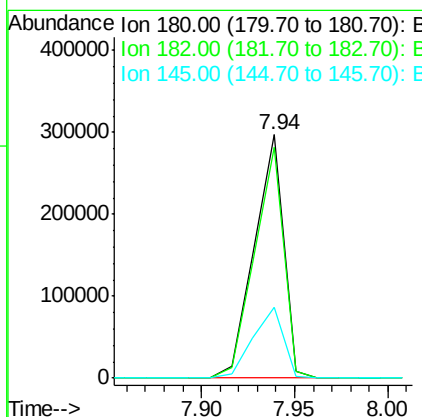
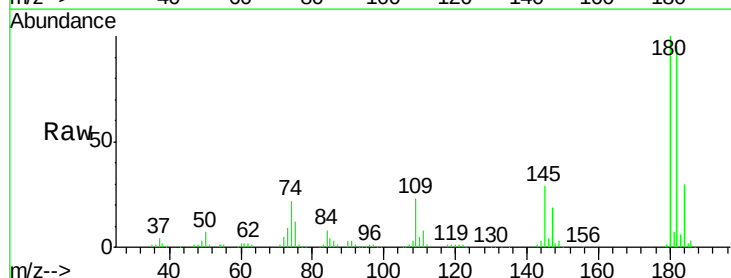
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

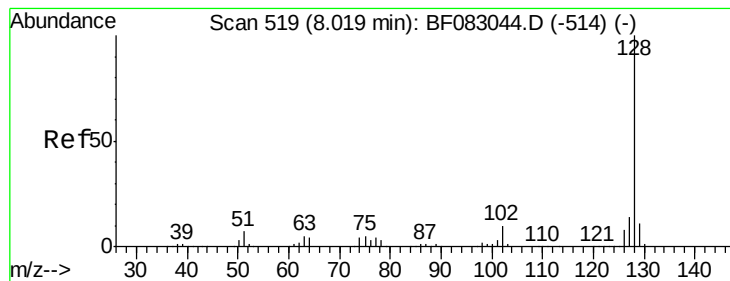
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	38.2	21.6	61.6



#30
 1,2,4-Trichlorobenzene
 Concen: 39.10 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.4
145	28.9	24.0	36.0





#31

Naphthalene

Concen: 38.59 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

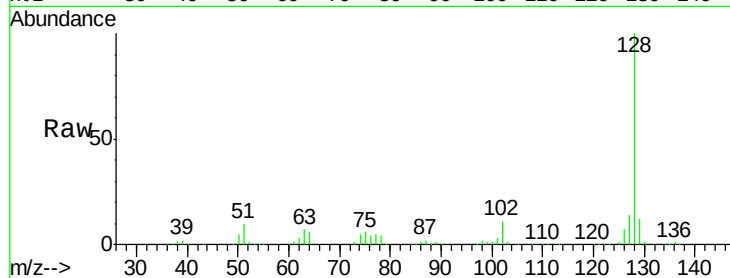
Tgt Ion:128 Resp: 966685

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.4

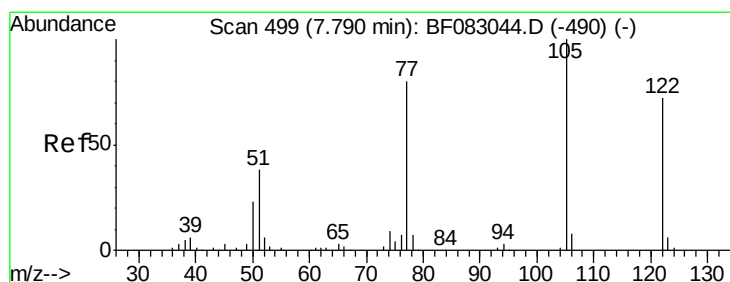
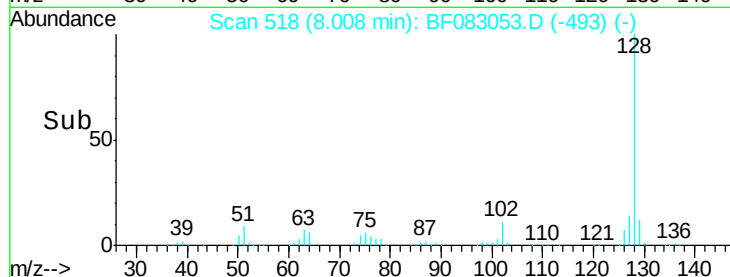
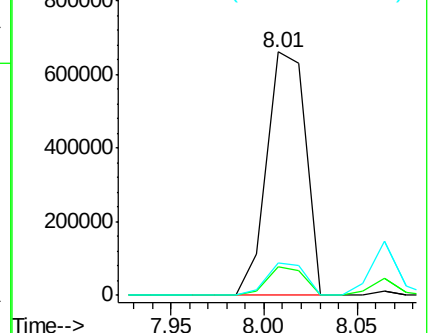
127 13.5 10.9 16.3



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: 37.98 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

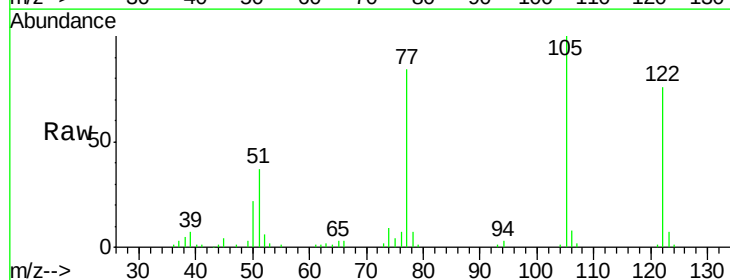
Tgt Ion:122 Resp: 176851

Ion Ratio Lower Upper

122 100

105 131.3 115.0 155.0

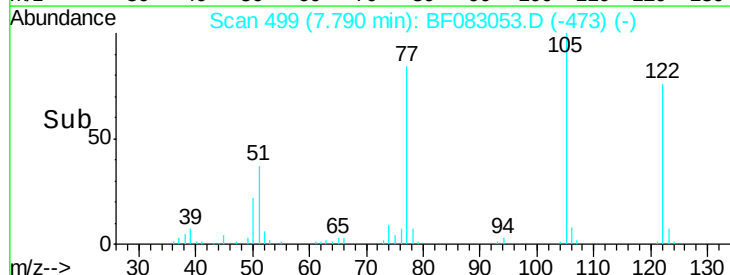
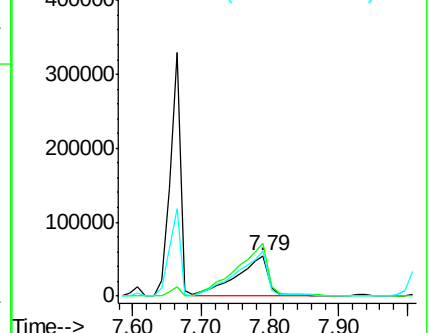
77 110.8 89.0 129.0

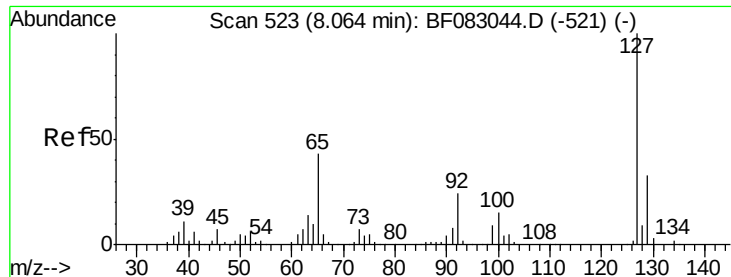


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

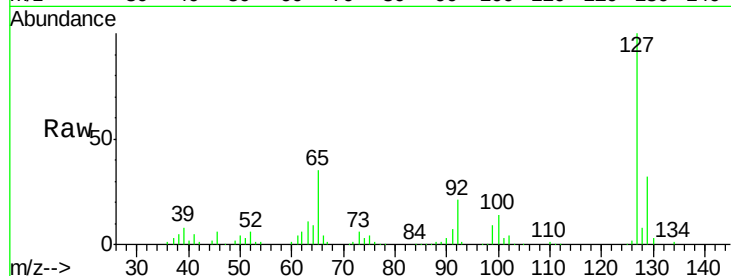




#33
4-Chloroaniline
Concen: 13.68 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Instrument :
BNA_F
ClientSampleId :
PB86723BS

Tgt Ion:	127	Resp:	149104
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	34.9	34.4	51.6
92	20.7	19.5	29.3

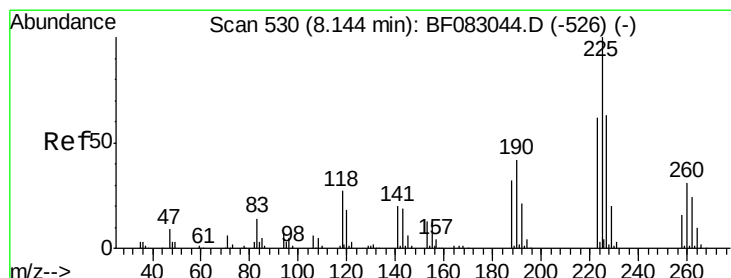
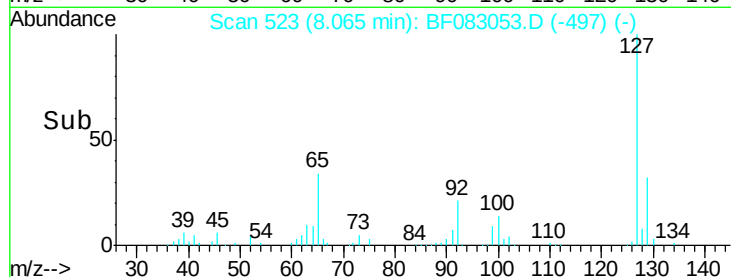
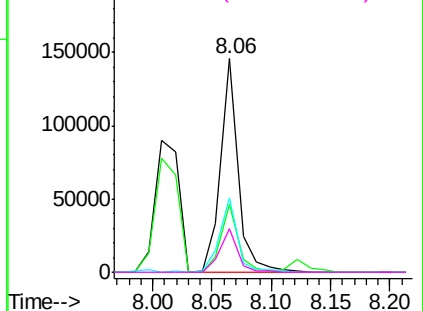


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

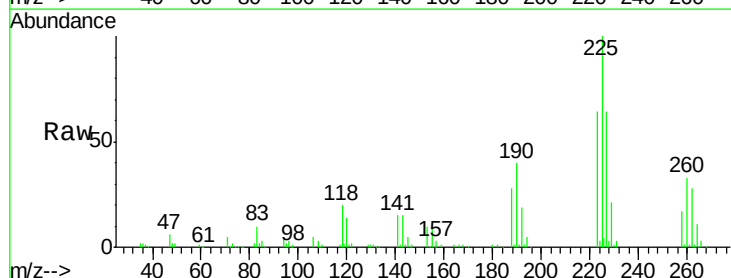
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 37.64 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

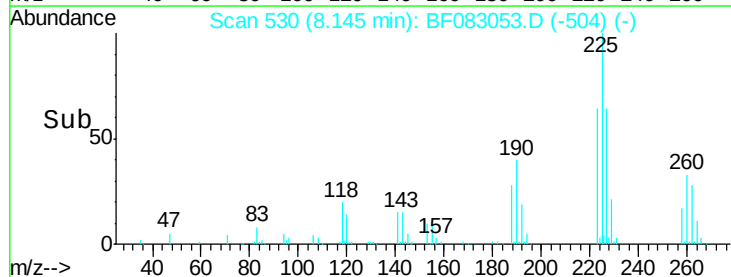
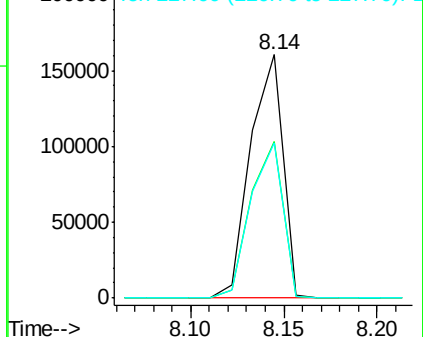
Tgt Ion:	225	Resp:	193323
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.6
227	63.6	50.6	76.0

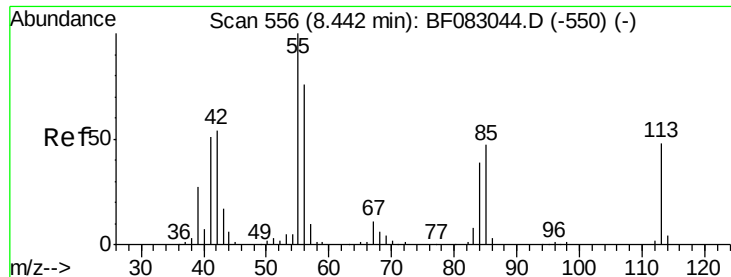


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

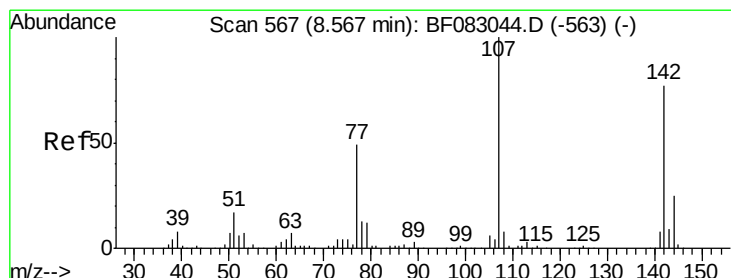
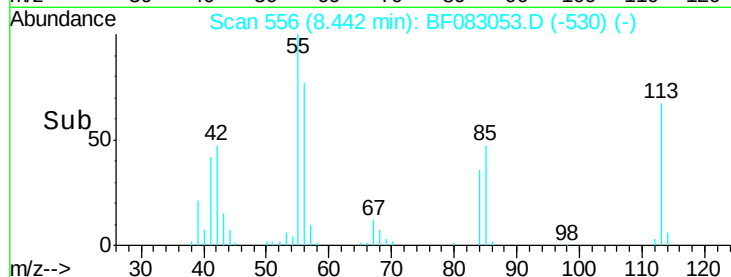
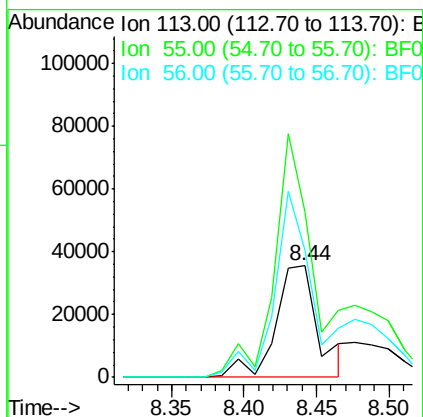
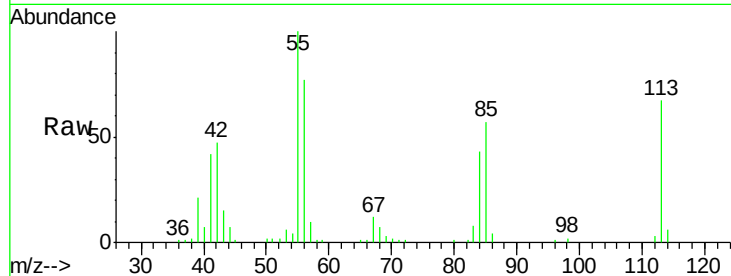




#35
 Caprolactam
 Concen: 30.78 ng
 RT: 8.44 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

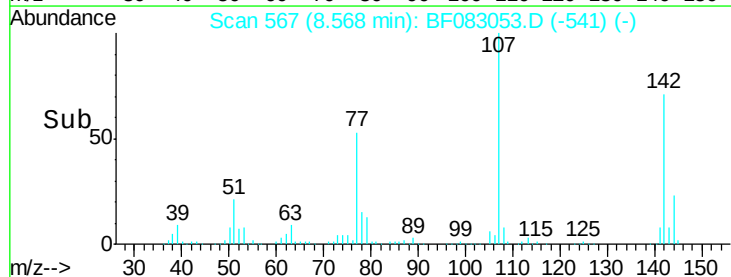
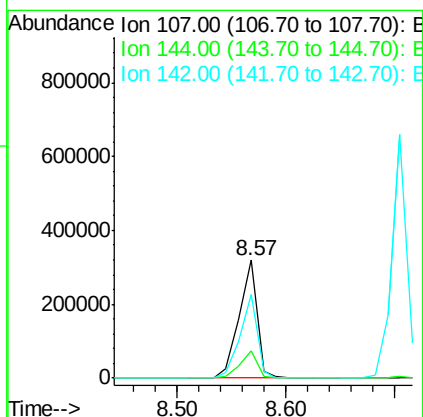
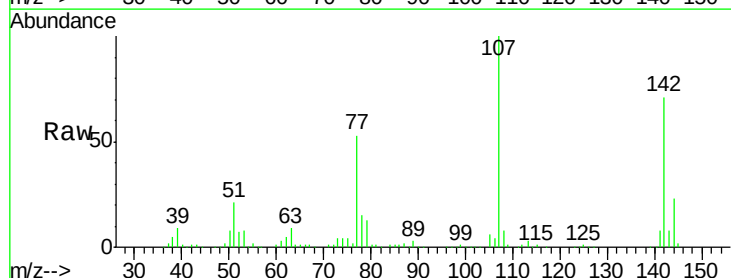
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

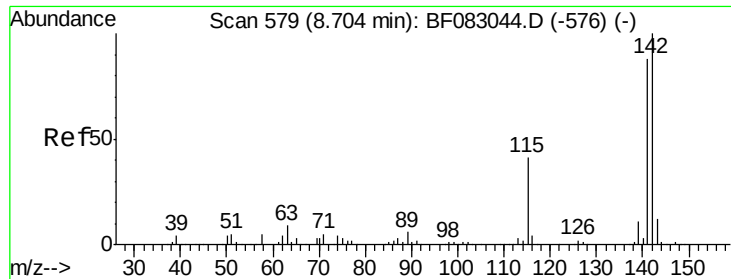
Tgt Ion:113 Resp: 72627
 Ion Ratio Lower Upper
 113 100
 55 148.8 189.1 229.1#
 56 113.9 137.9 177.9#



#36
 4-Chloro-3-methylphenol
 Concen: 42.10 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:107 Resp: 361185
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.0 30.0
 142 70.9 61.3 91.9

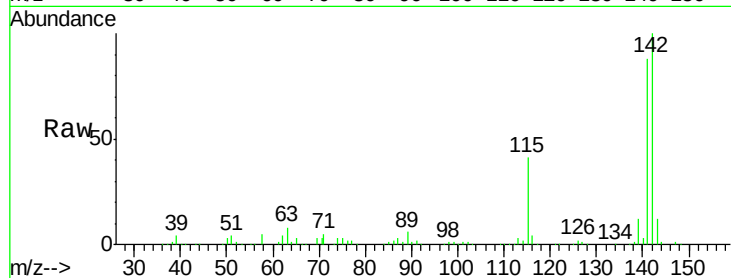




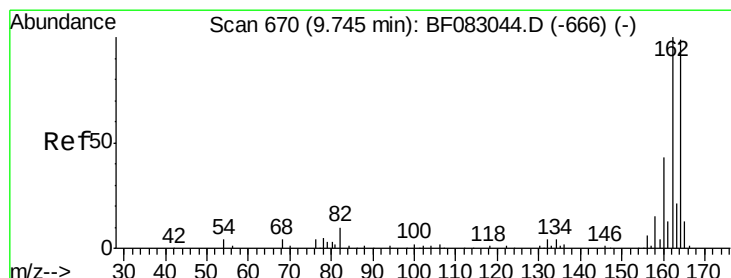
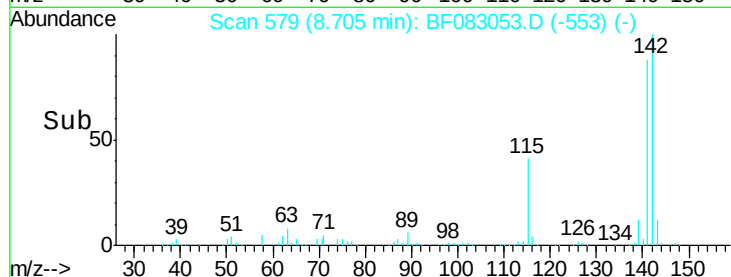
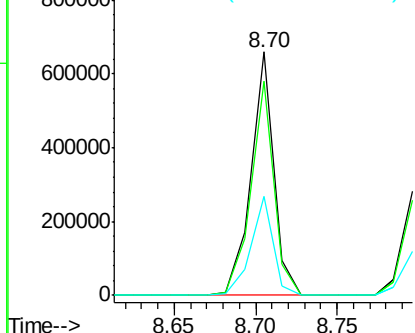
#37
 2-Methylnaphthalene
 Concen: 38.46 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion:142 Resp: 641524
 Ion Ratio Lower Upper
 142 100
 141 88.0 70.7 106.1
 115 40.7 33.1 49.7

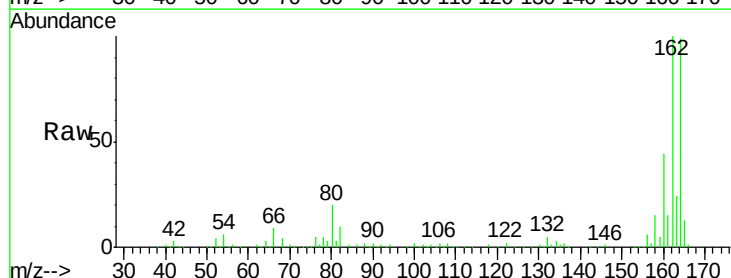


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

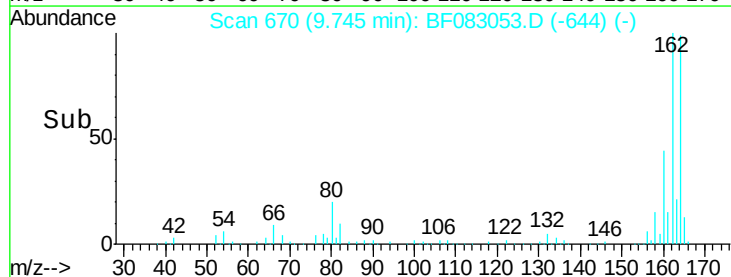
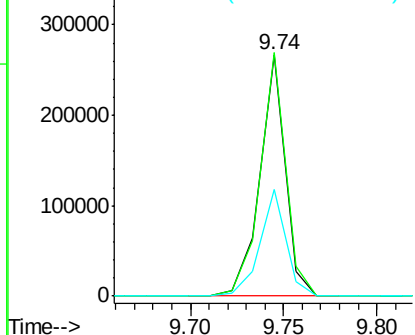


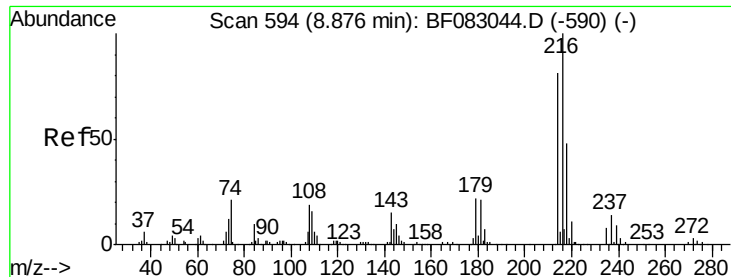
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:164 Resp: 249968
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.5 120.7
 160 44.4 35.0 52.4



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: 38.57 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

Tgt Ion:216 Resp: 317914

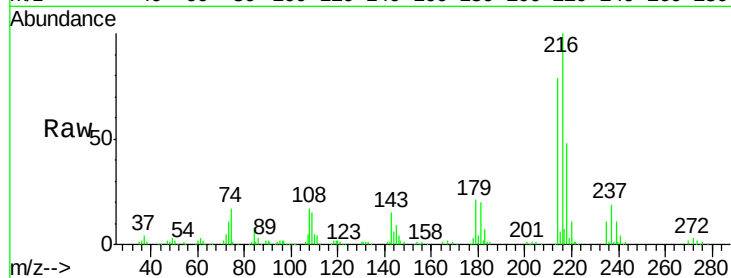
Ion Ratio Lower Upper

216 100

214 79.6 64.6 97.0

179 21.6 17.8 26.6

108 21.4 16.8 25.2

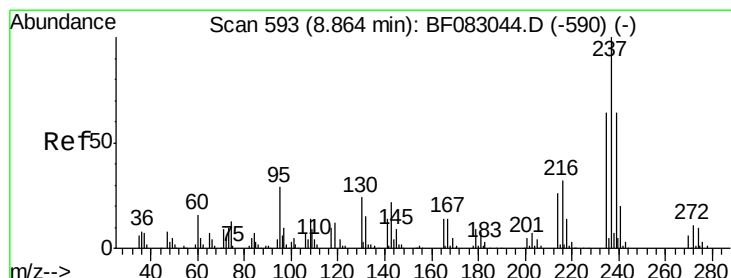
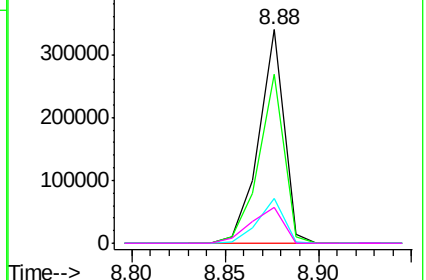
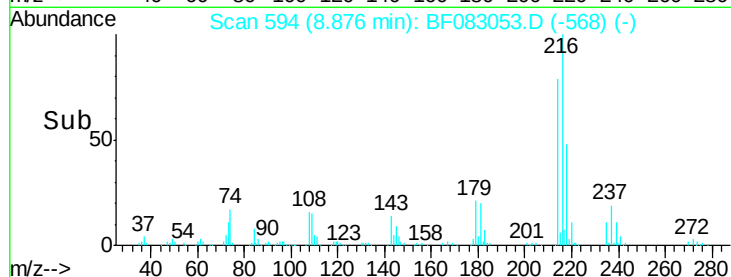


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.04 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

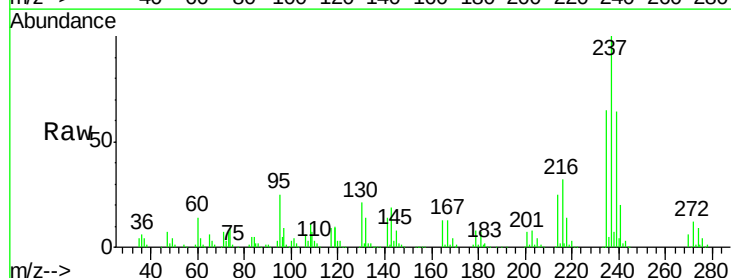
Tgt Ion:237 Resp: 311278

Ion Ratio Lower Upper

237 100

235 65.0 44.1 84.1

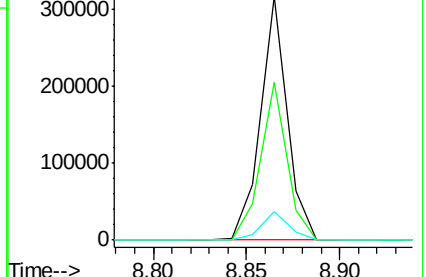
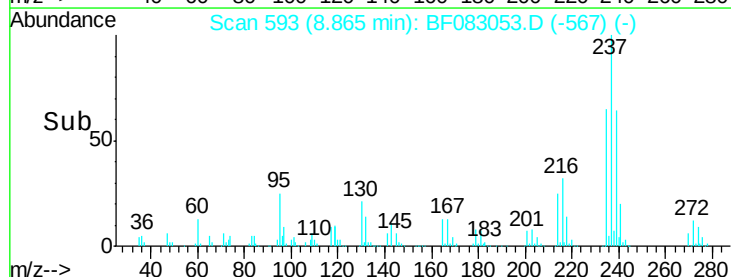
272 11.9 0.0 30.9

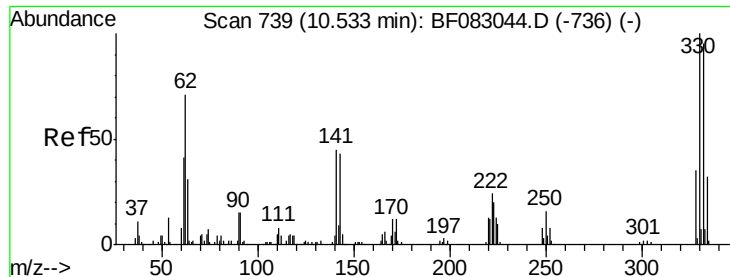


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

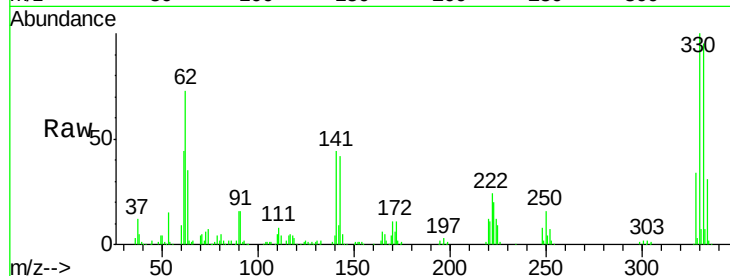




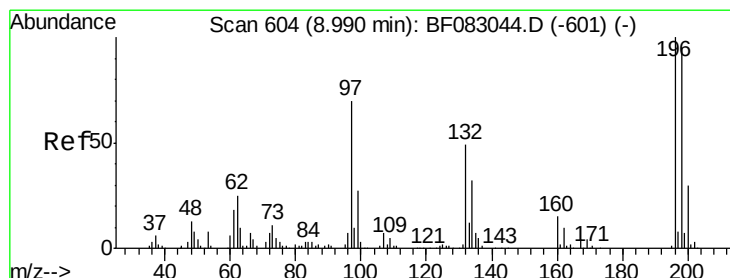
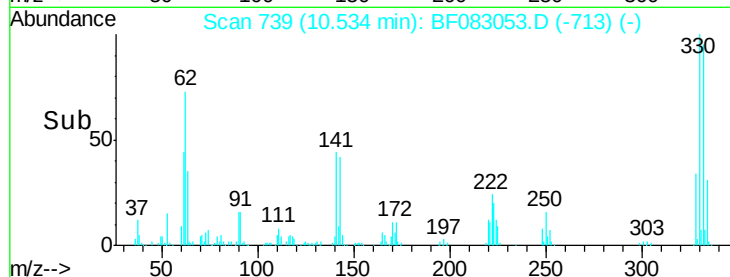
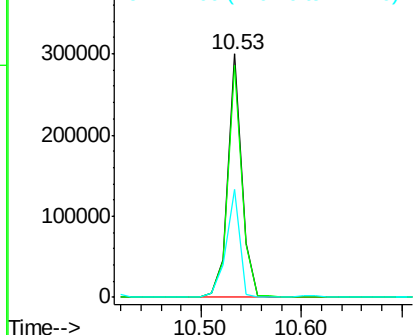
#41
 2,4,6-Tribromophenol
 Concen: 109.74 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion:330 Resp: 291244
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 42.9 34.6 52.0

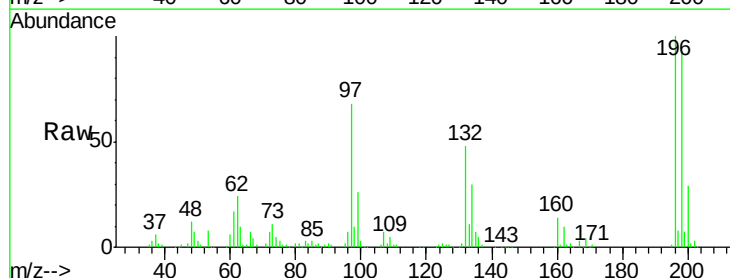


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

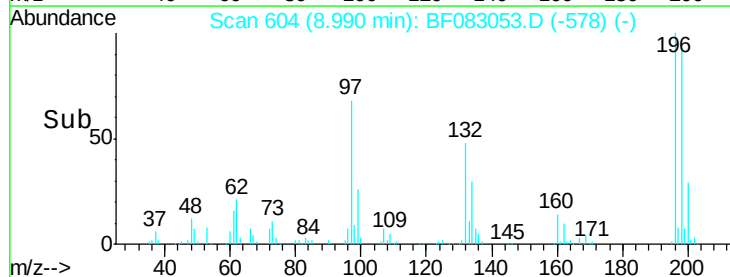
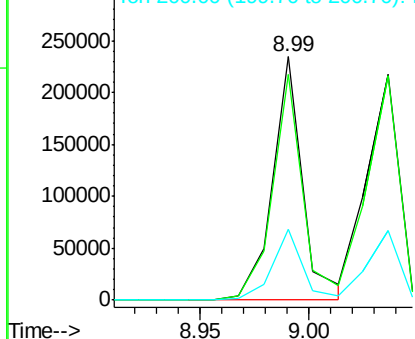


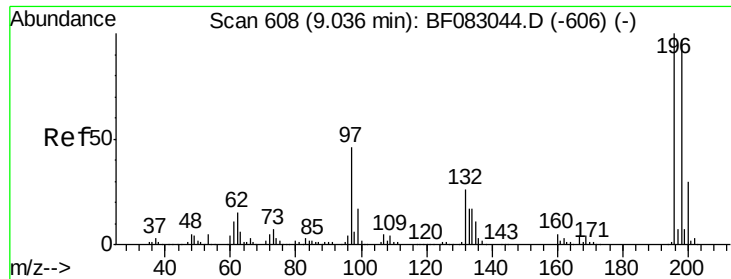
#42
 2,4,6-Trichlorophenol
 Concen: 38.01 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:196 Resp: 227351
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.9 113.9
 200 29.2 24.0 36.0



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

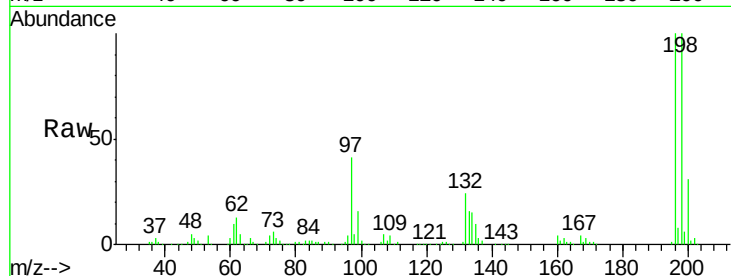




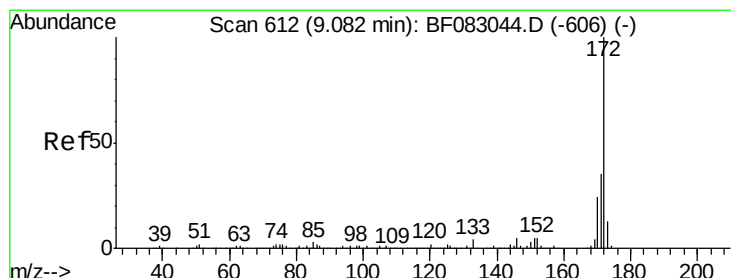
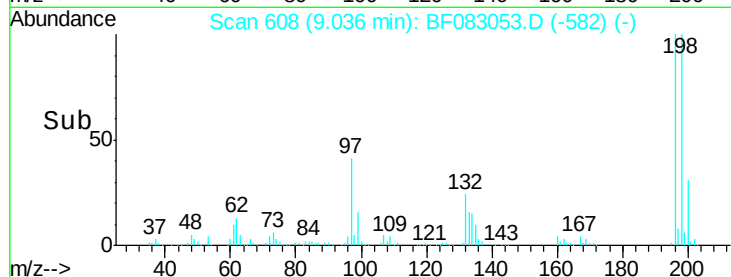
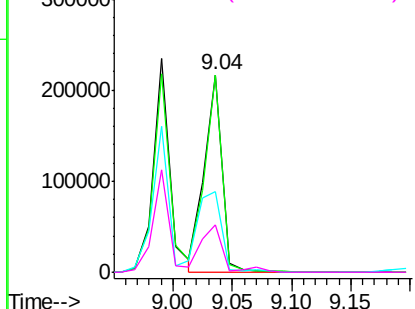
#43
 2,4,5-Trichlorophenol
 Concen: 38.16 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion:196 Resp: 227602
 Ion Ratio Lower Upper
 196 100
 198 99.9 77.8 116.6
 97 40.8 37.1 55.7
 132 24.0 21.0 31.4

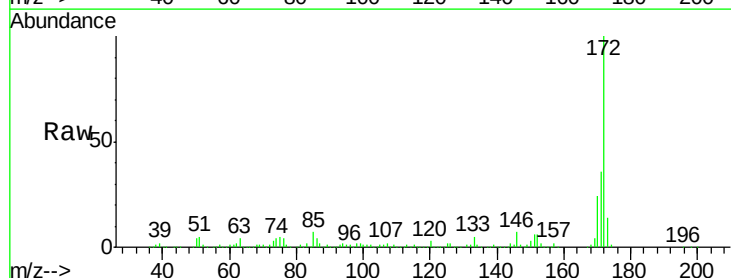


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

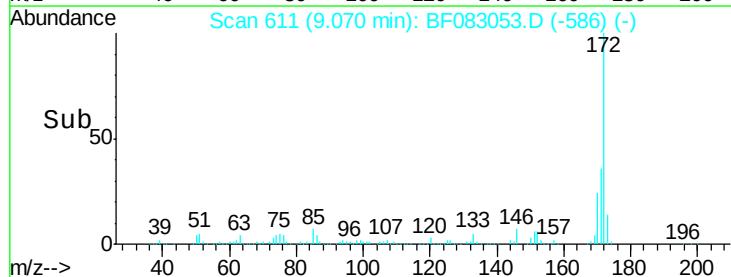
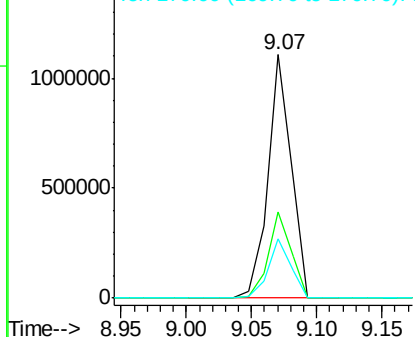


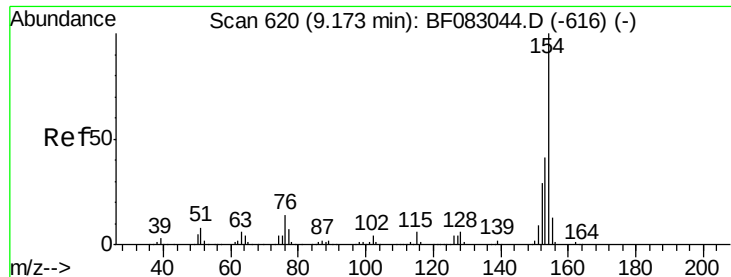
#44
 2-Fluorobiphenyl
 Concen: 74.17 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:172 Resp: 1376552
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 24.2 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

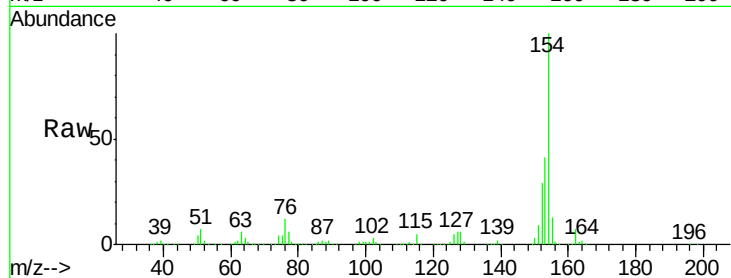




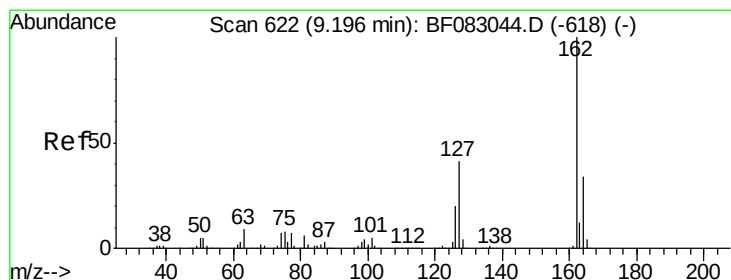
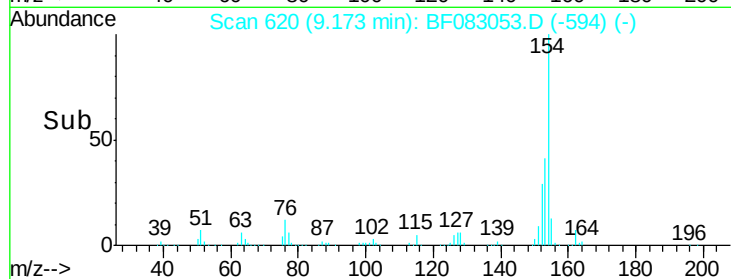
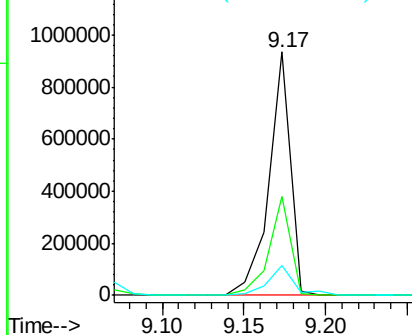
#45
 1,1'-Biphenyl
 Concen: 38.87 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion:154 Resp: 854729
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.7 60.7
 76 12.0 0.0 34.0

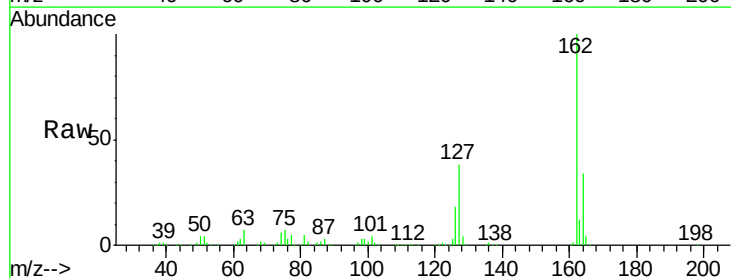


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

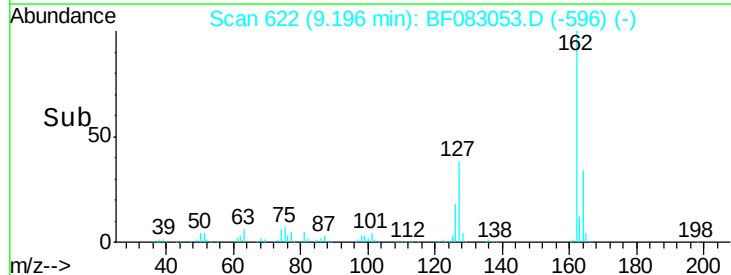
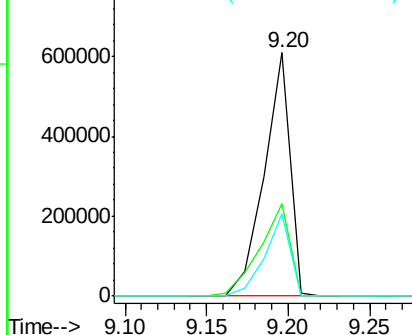


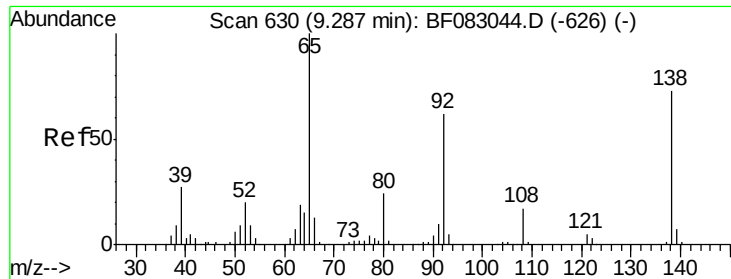
#46
 2-Chloronaphthalene
 Concen: 40.00 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:162 Resp: 669329
 Ion Ratio Lower Upper
 162 100
 127 38.3 32.8 49.2
 164 33.7 26.9 40.3



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

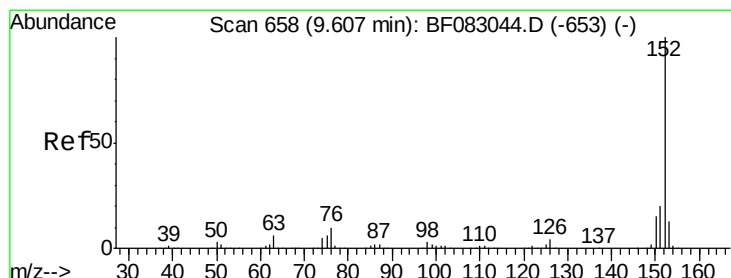
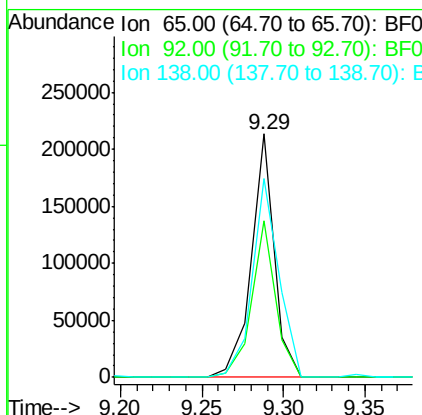
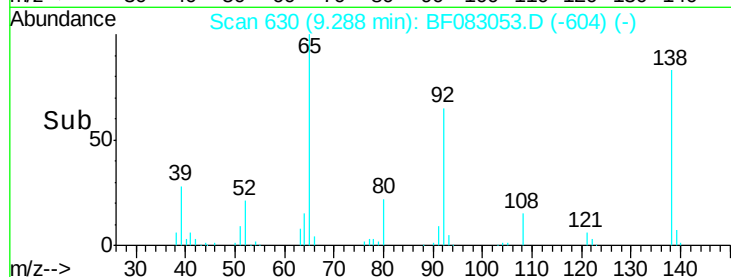
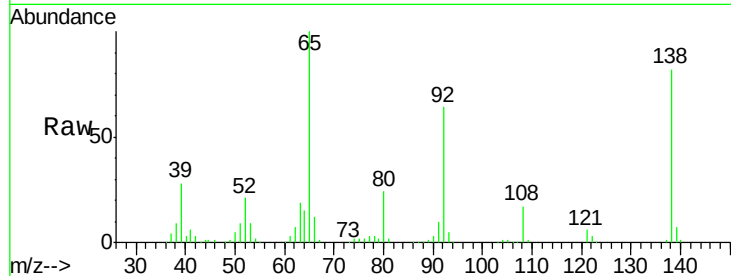




#47
 2-Nitroaniline
 Concen: 33.00 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

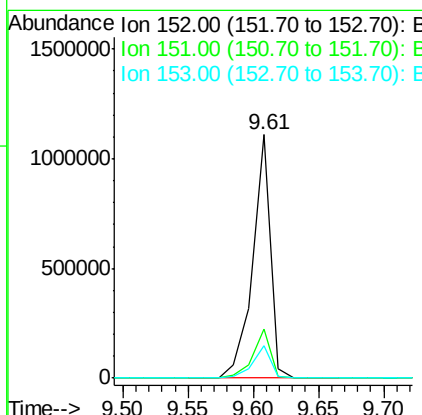
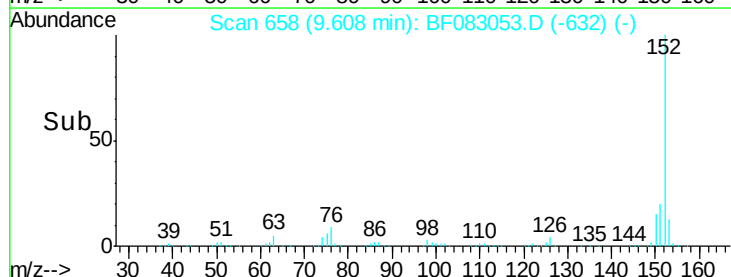
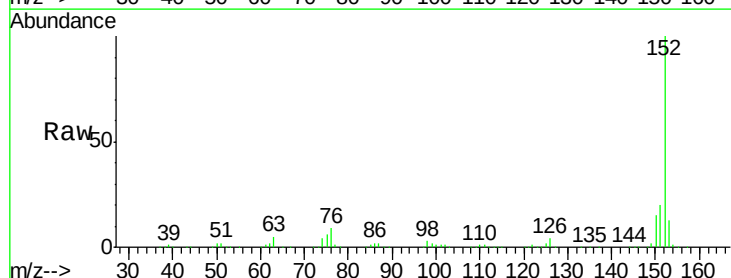
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

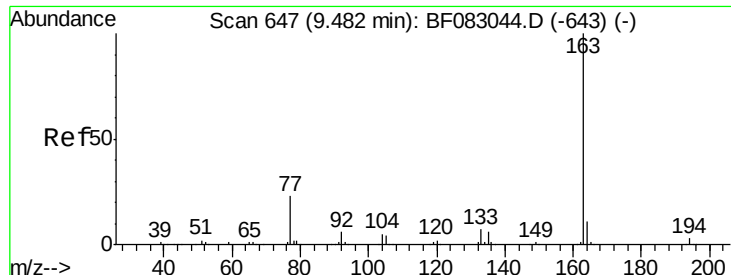
Tgt Ion:	65	Resp:	208312
Ion	Ratio	Lower	Upper
65	100		
92	64.4	49.6	74.4
138	81.7	58.8	88.2



#48
 Acenaphthylene
 Concen: 38.15 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:	152	Resp:	1050681
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.4	10.6	15.8





#49

Dimethylphthalate

Concen: 38.30 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampled :

PB86723BS

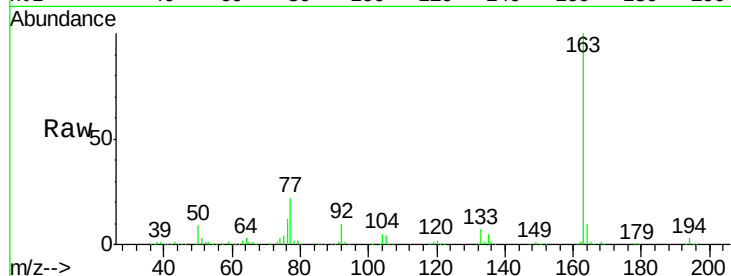
Tgt Ion:163 Resp: 788040

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

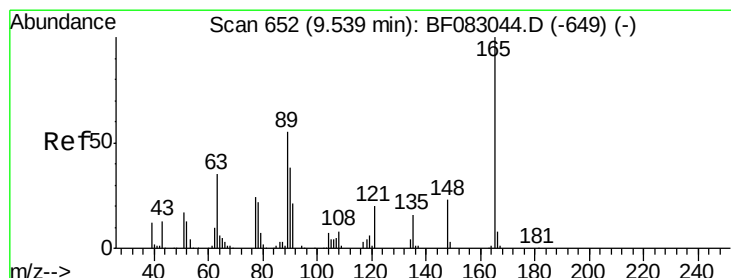
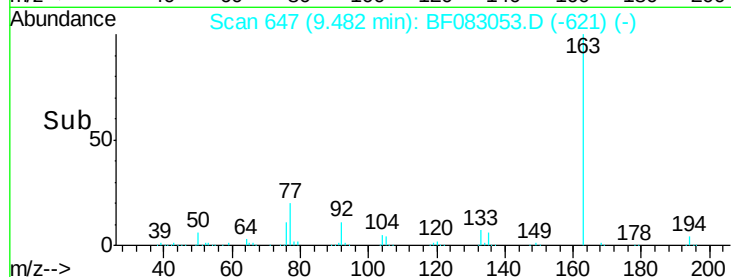
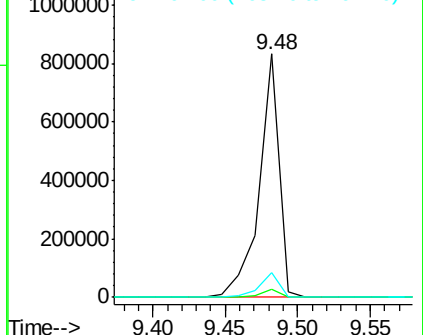
164 10.4 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.69 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

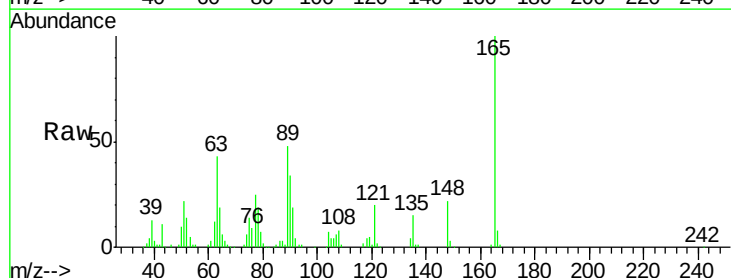
Tgt Ion:165 Resp: 184870

Ion Ratio Lower Upper

165 100

63 43.0 40.6 61.0

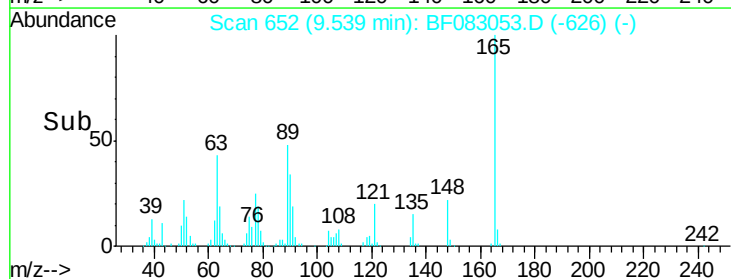
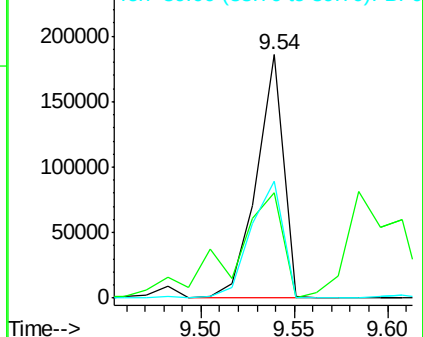
89 47.9 44.5 66.7

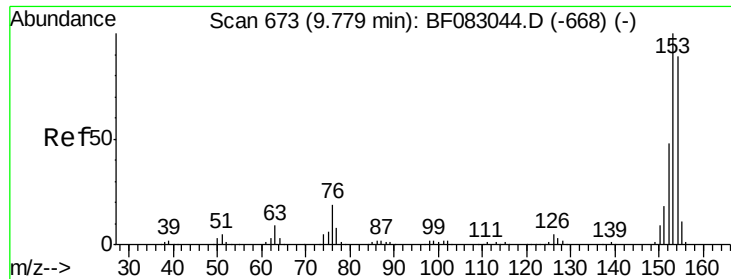


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

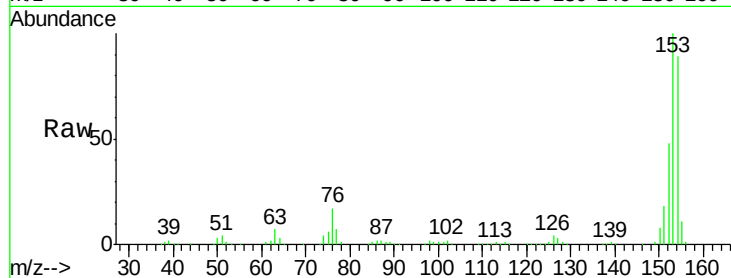




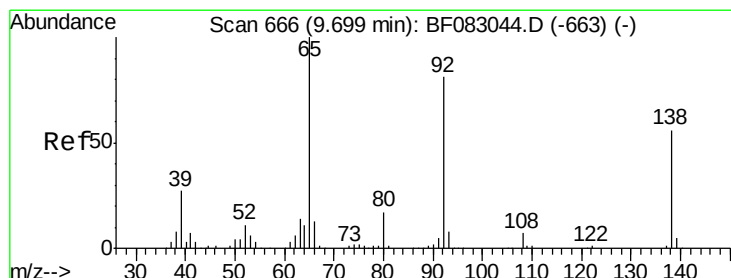
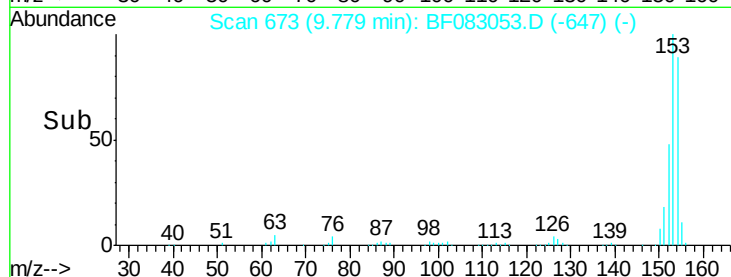
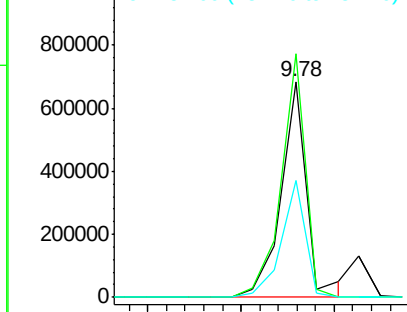
#51
Acenaphthene
Concen: 37.57 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Instrument :
BNA_F
ClientSampleId :
PB86723BS

Tgt Ion:154 Resp: 653953
Ion Ratio Lower Upper
154 100
153 112.7 90.1 135.1
152 54.1 43.3 64.9

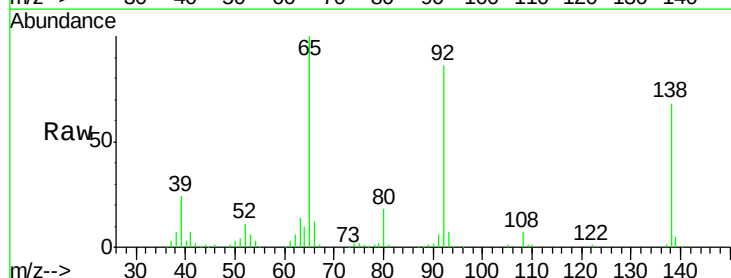


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

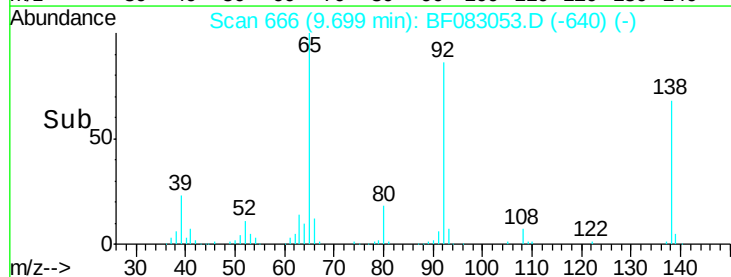
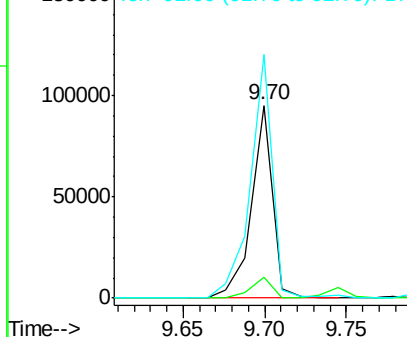


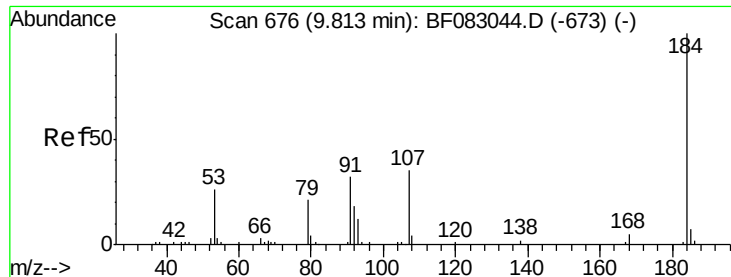
#52
3-Nitroaniline
Concen: 16.87 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Tgt Ion:138 Resp: 85342
Ion Ratio Lower Upper
138 100
108 10.7 9.4 14.0
92 126.5 115.2 172.8



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

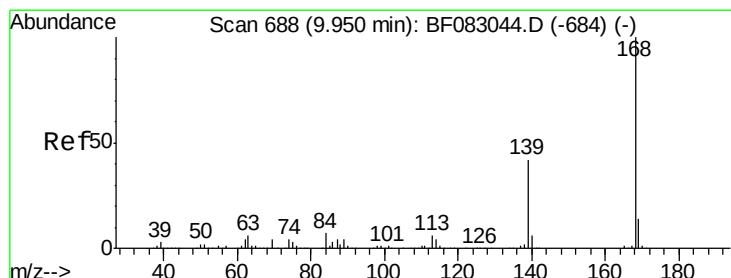
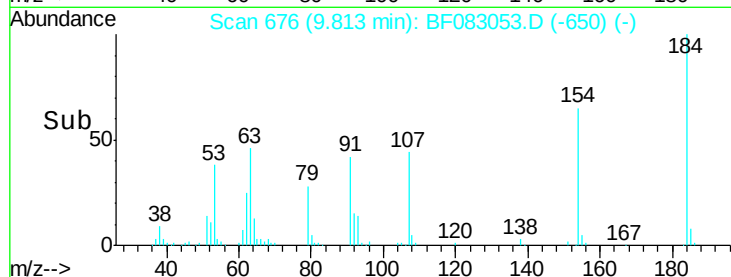
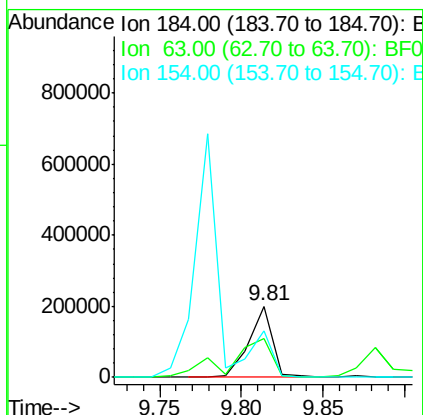
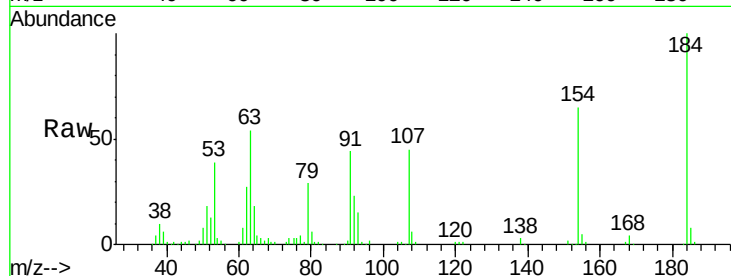




#53
 2,4-Dinitrophenol
 Concen: 88.85 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

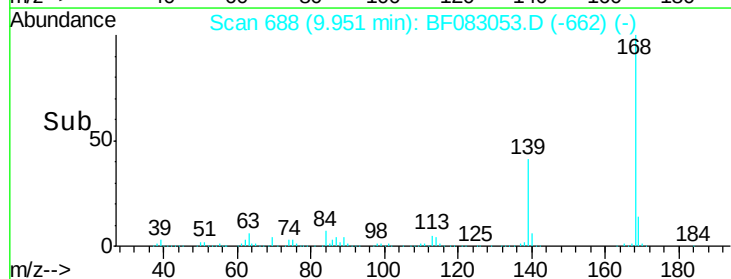
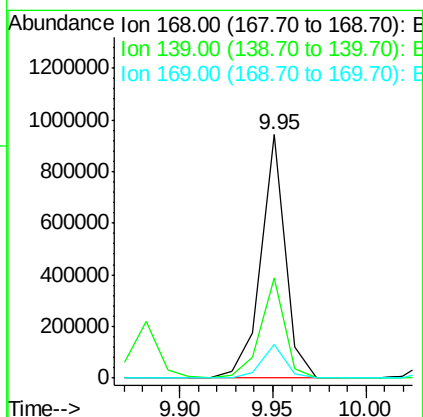
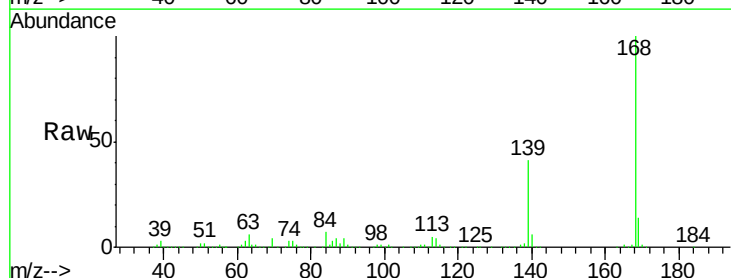
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

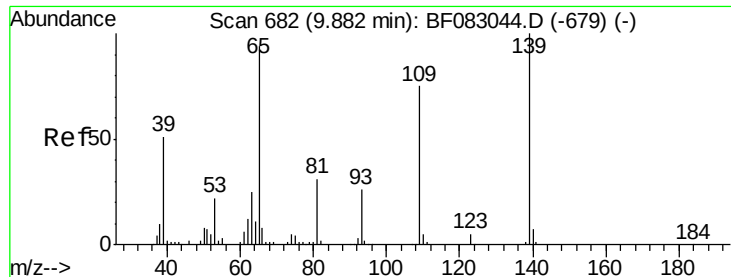
Tgt Ion:184 Resp: 200792
 Ion Ratio Lower Upper
 184 100
 63 54.0 30.4 45.6#
 154 64.5 44.9 67.3



#54
 Dibenzofuran
 Concen: 37.09 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:168 Resp: 865219
 Ion Ratio Lower Upper
 168 100
 139 41.1 33.5 50.3
 169 13.7 11.2 16.8

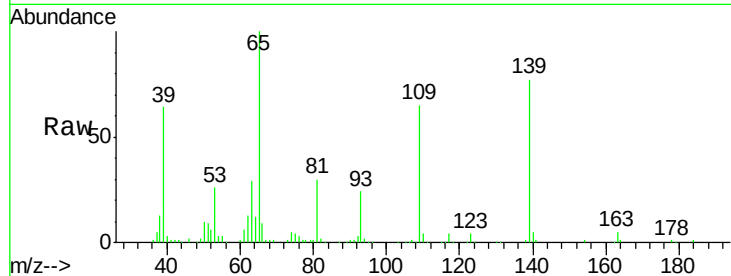




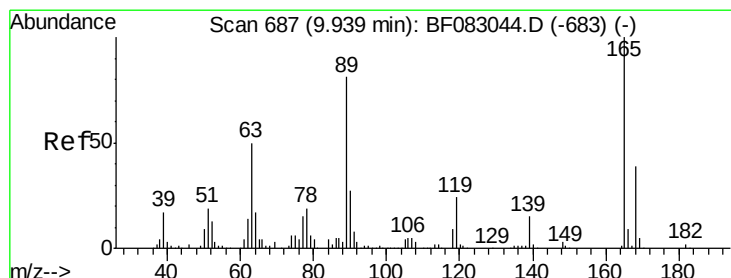
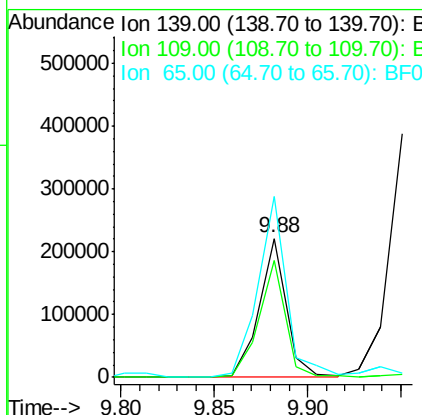
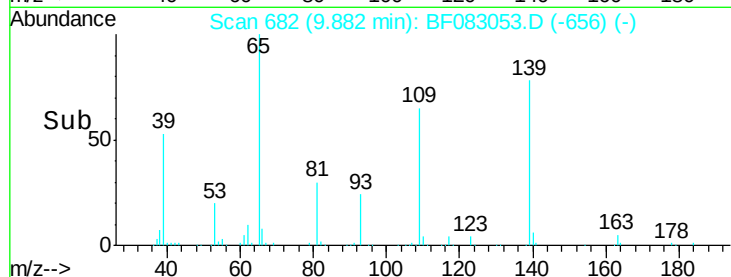
#55
4-Nitrophenol
Concen: 64.38 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Instrument :
BNA_F
ClientSampleId :
PB86723BS

Tgt Ion:139 Resp: 223567
Ion Ratio Lower Upper
139 100
109 84.1 54.6 94.6
65 130.3 74.4 114.4#

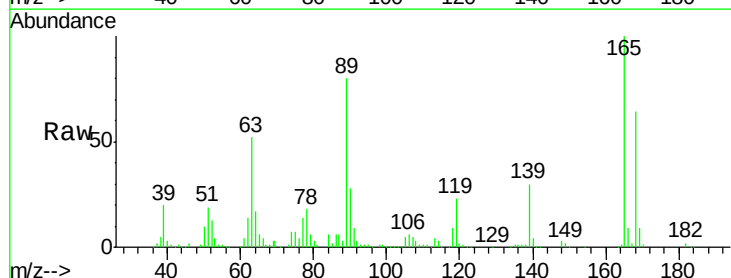


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

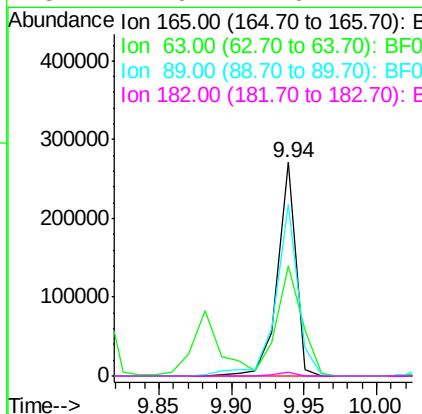
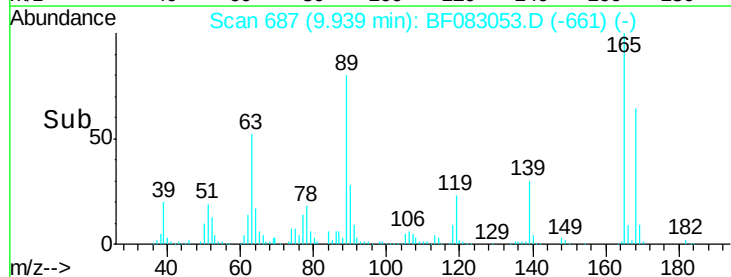


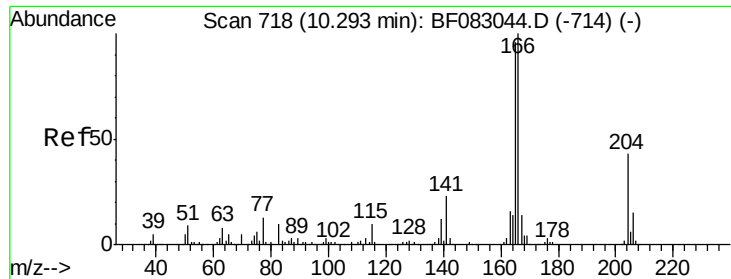
#56
2,4-Dinitrotoluene
Concen: 39.89 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Tgt Ion:165 Resp: 236793
Ion Ratio Lower Upper
165 100
63 51.7 40.6 61.0
89 80.4 64.4 96.6
182 1.9 1.6 2.4



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





#57

Fluorene

Concen: 39.36 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

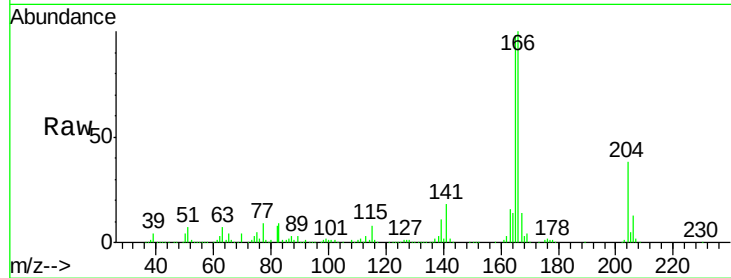
Tgt Ion:166 Resp: 738767

Ion Ratio Lower Upper

166 100

165 98.0 77.1 115.7

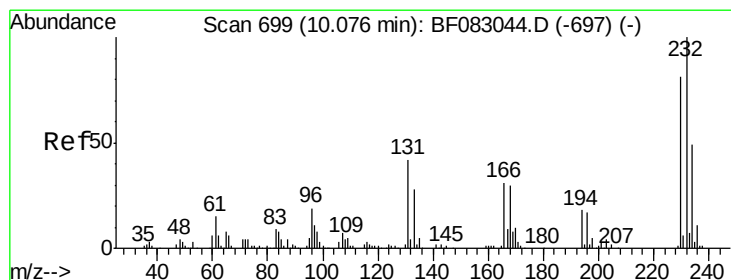
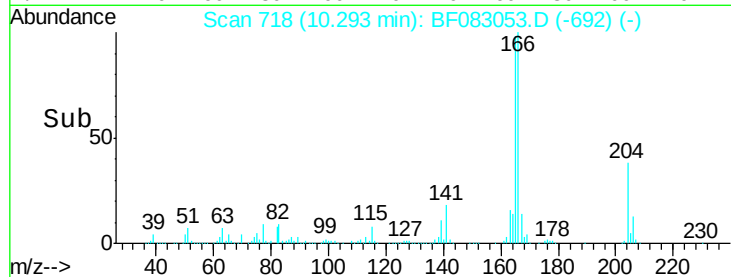
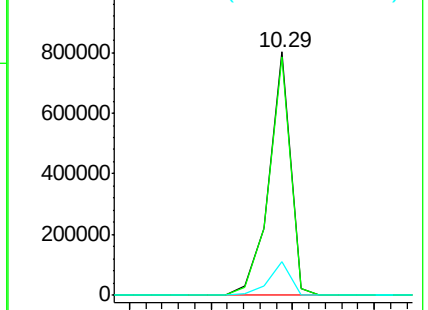
167 13.9 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.48 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Tgt Ion:232 Resp: 199974

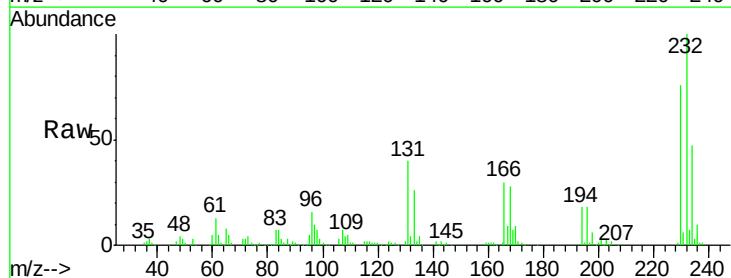
Ion Ratio Lower Upper

232 100

131 44.9 36.5 54.7

130 2.0 1.8 2.6

166 30.9 25.4 38.0

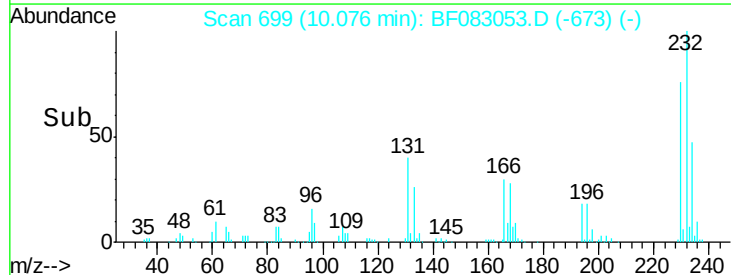
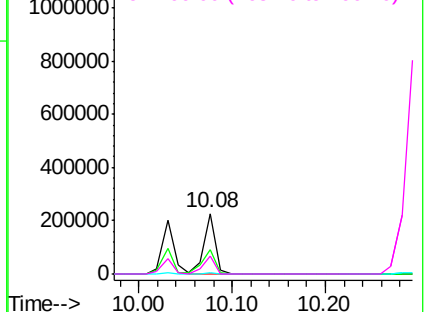


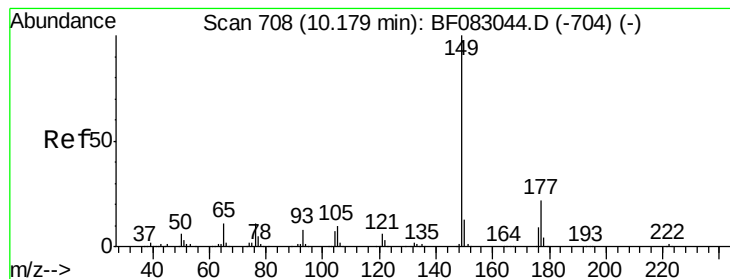
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 36.34 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

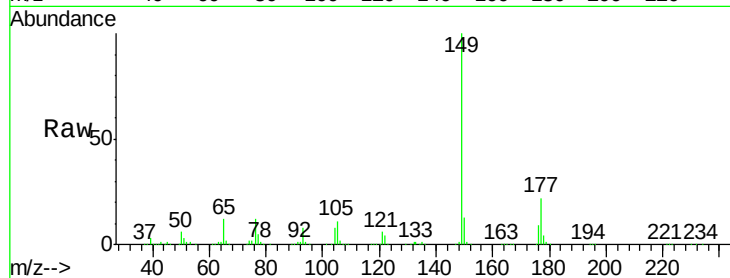
Tgt Ion:149 Resp: 729117

Ion Ratio Lower Upper

149 100

177 21.5 17.4 26.2

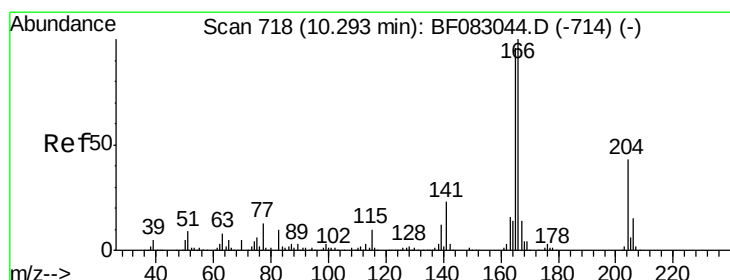
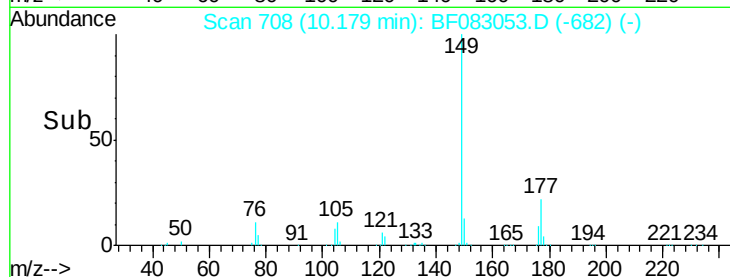
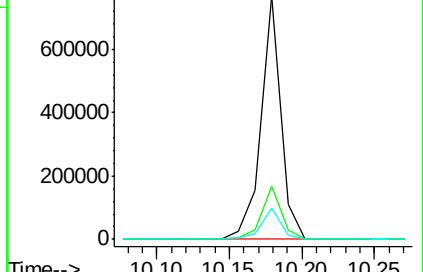
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.34 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

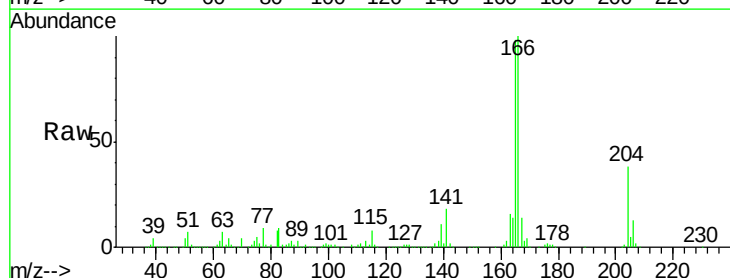
Tgt Ion:204 Resp: 337014

Ion Ratio Lower Upper

204 100

206 35.3 28.2 42.4

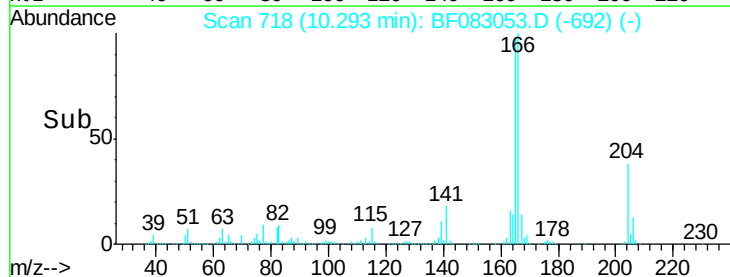
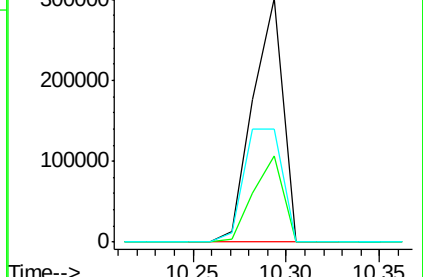
141 46.7 41.8 62.8

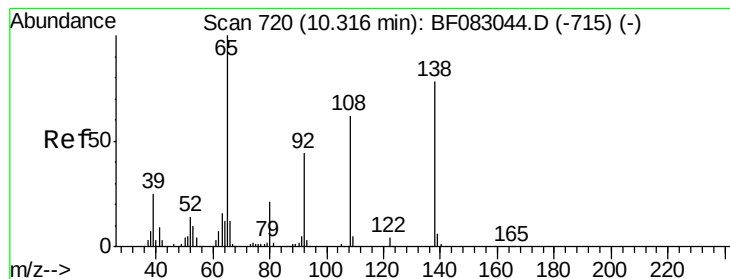


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.50 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

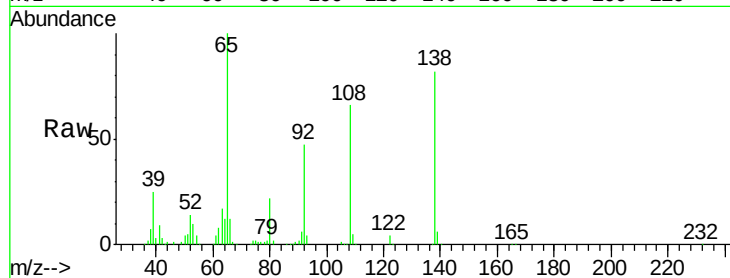
Tgt Ion:138 Resp: 178254

Ion Ratio Lower Upper

138 100

92 56.8 36.4 76.4

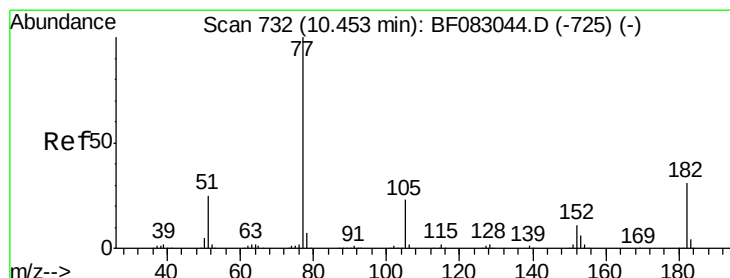
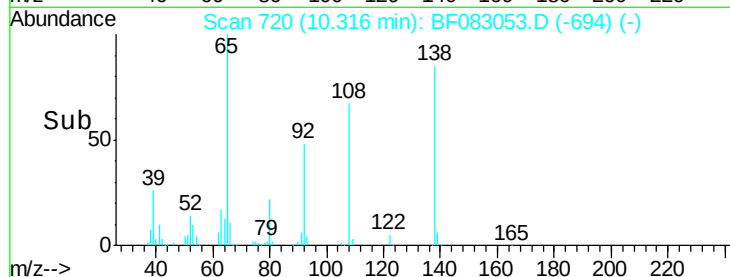
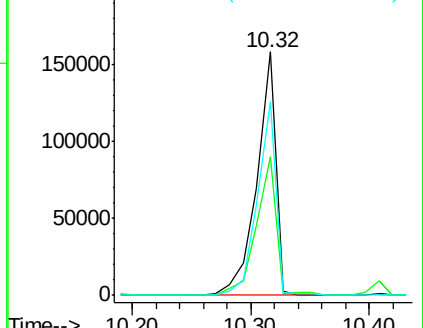
108 79.8 59.6 99.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.05 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Tgt Ion: 77 Resp: 855140

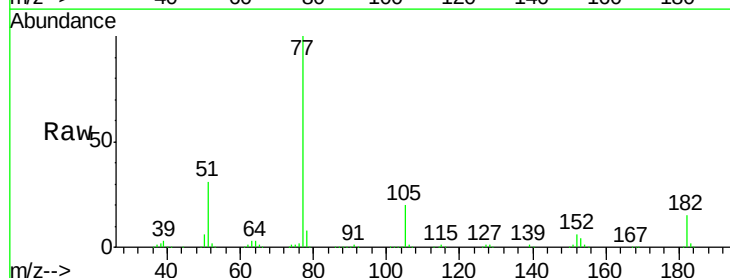
Ion Ratio Lower Upper

77 100

182 15.5 10.8 50.8

105 19.6 3.4 43.4

51 30.9 4.7 44.7

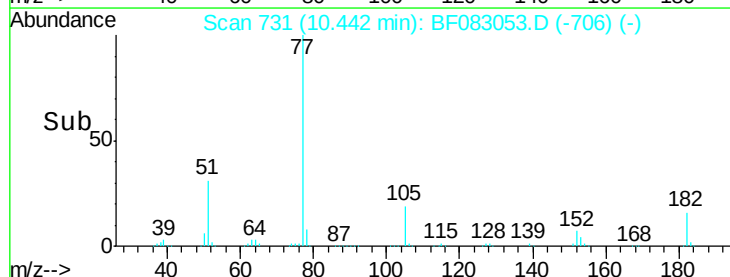
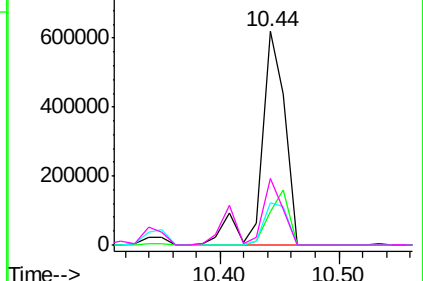


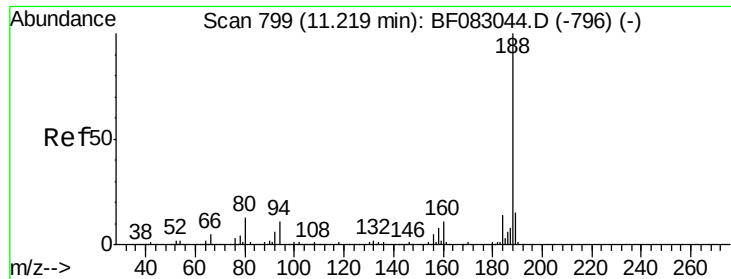
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

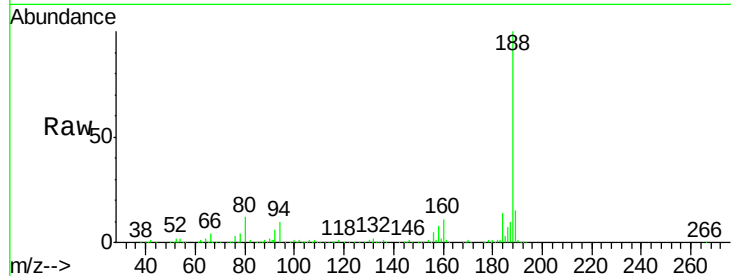




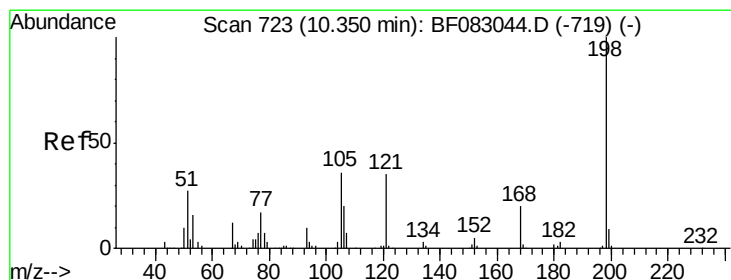
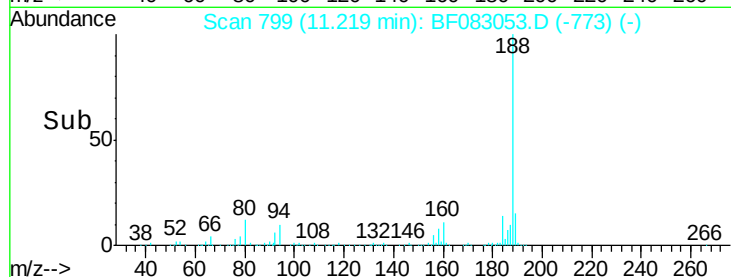
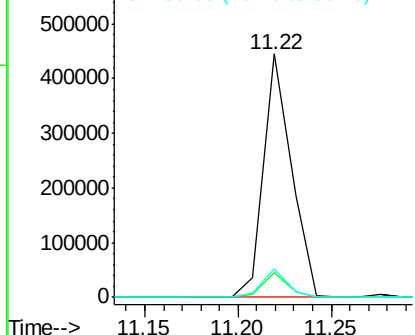
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Instrument :
BNA_F
ClientSampleId :
PB86723BS

Tgt Ion:188 Resp: 459958
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 11.7 10.2 15.4

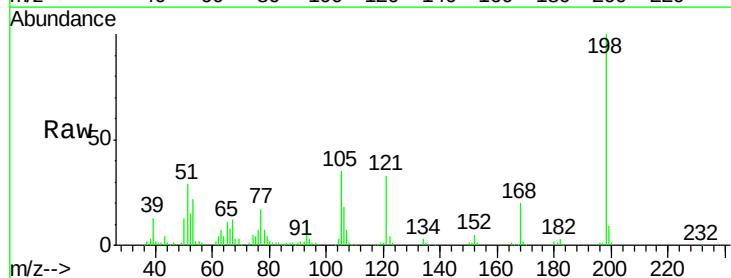


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

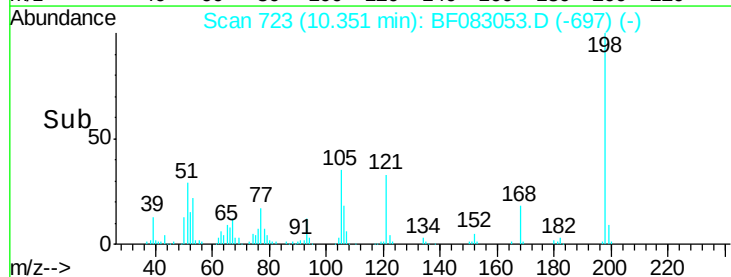
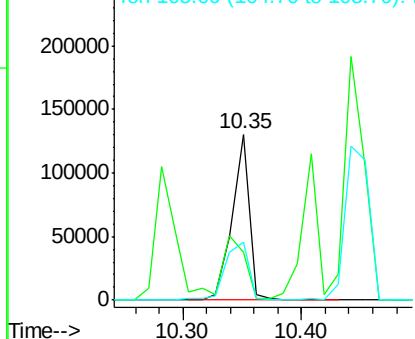


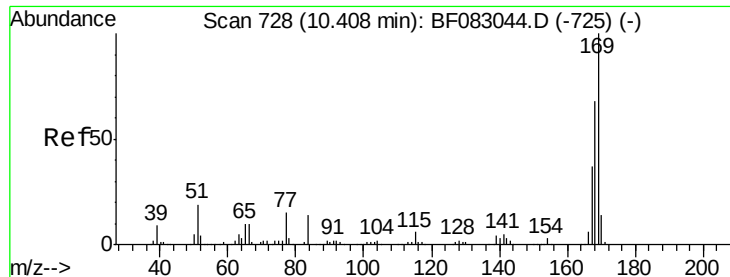
#64
4,6-Dinitro-2-methylphenol
Concen: 44.78 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Tgt Ion:198 Resp: 131312
Ion Ratio Lower Upper
198 100
51 29.0 11.1 51.1
105 34.9 16.5 56.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

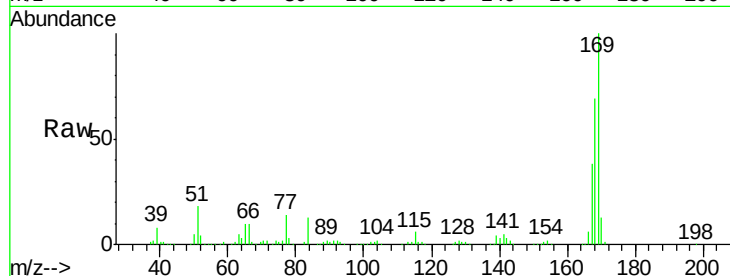




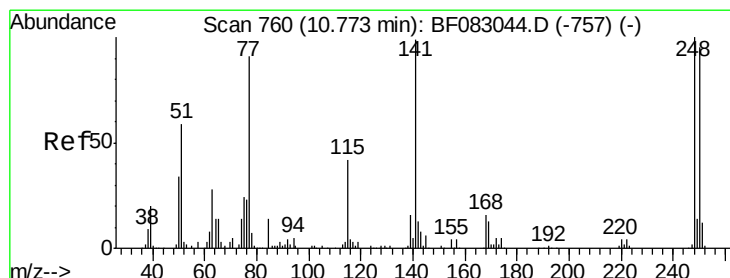
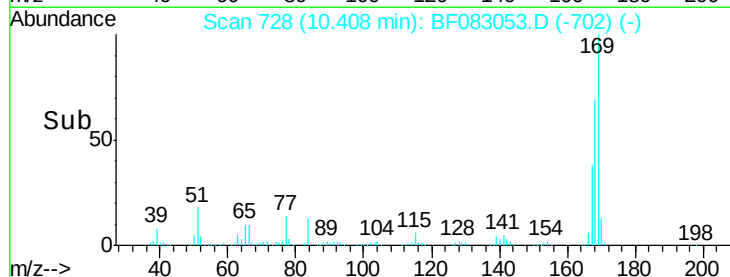
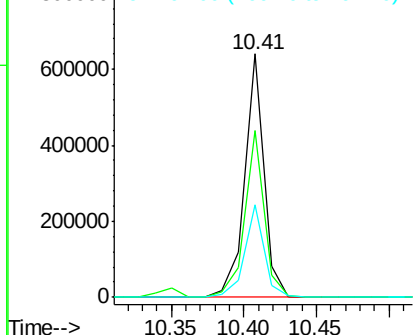
#65
 n-Nitrosodiphenylamine
 Concen: 36.69 ng
 RT: 10.41 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion:169 Resp: 591373
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.2 81.2
 167 38.0 29.5 44.3

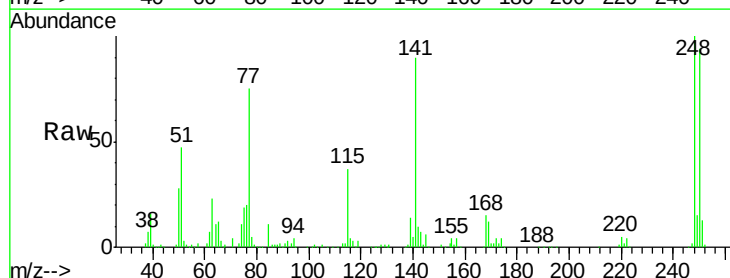


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

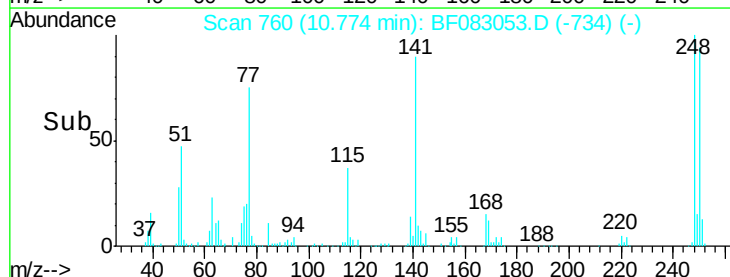
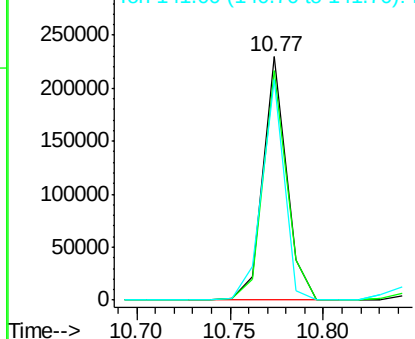


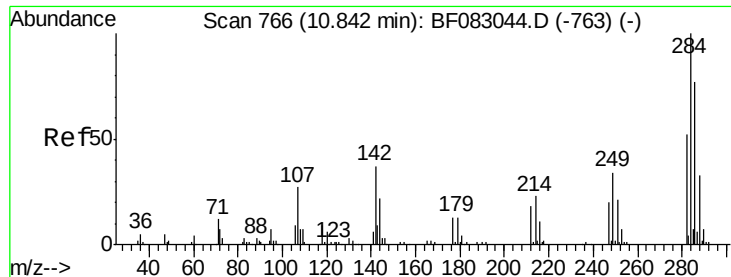
#66
 4-Bromophenyl-phenylether
 Concen: 37.43 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:248 Resp: 199397
 Ion Ratio Lower Upper
 248 100
 250 94.4 76.1 114.1
 141 90.4 79.2 118.8



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.45 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

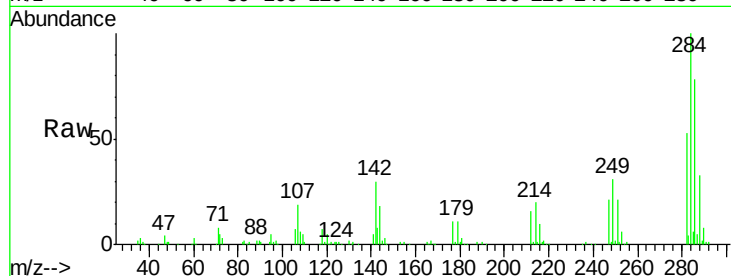
Tgt Ion:284 Resp: 235716

Ion Ratio Lower Upper

284 100

142 30.3 29.5 44.3

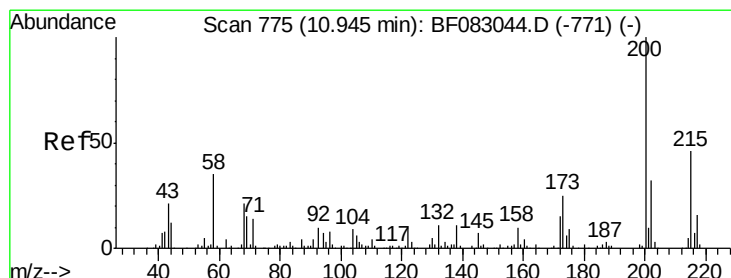
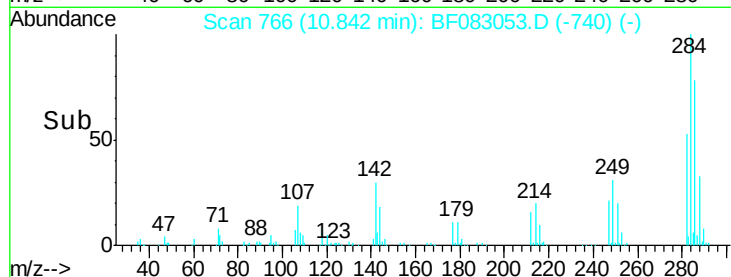
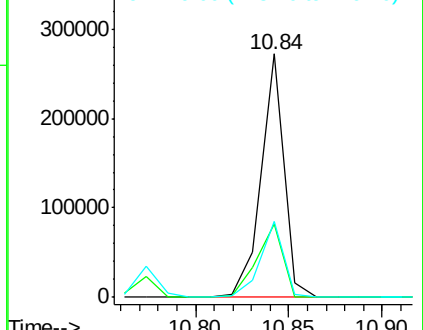
249 31.3 27.2 40.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.69 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

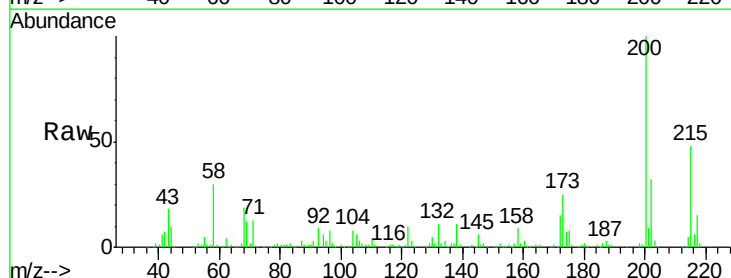
Tgt Ion:200 Resp: 235725

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

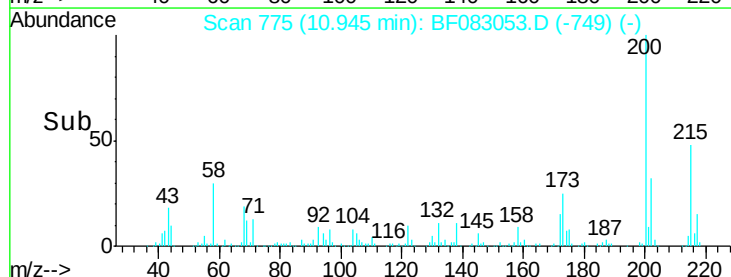
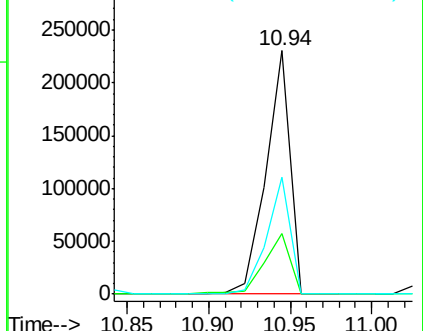
215 47.8 25.5 65.5

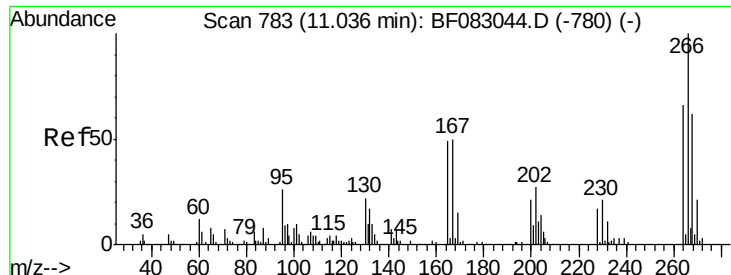


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

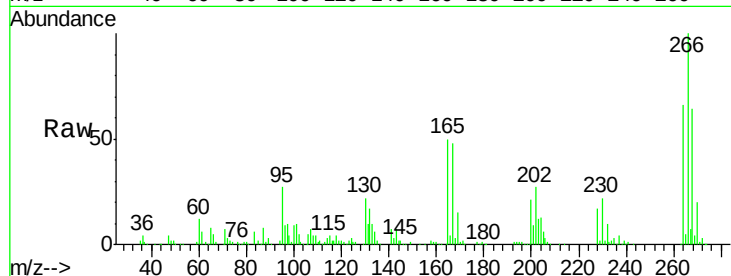




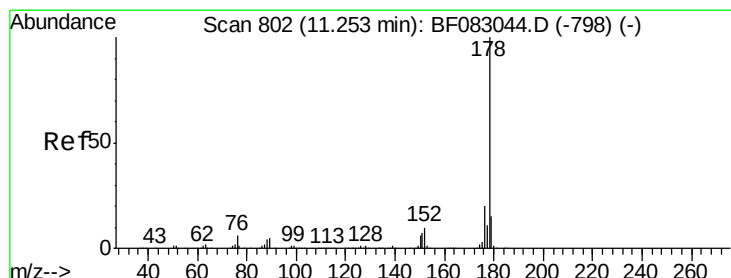
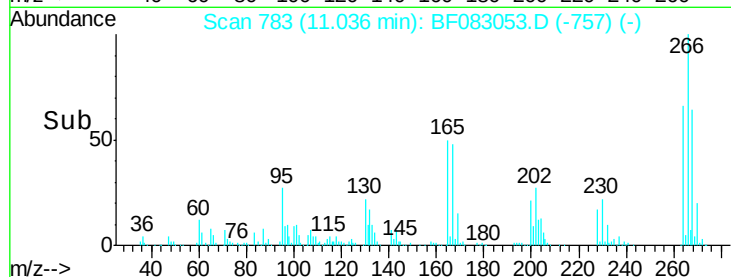
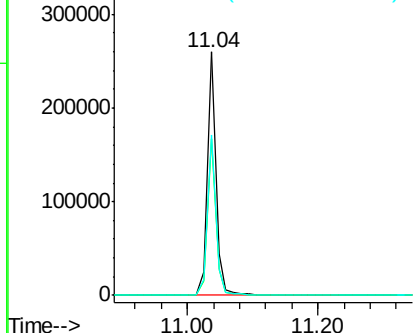
#69
 Pentachlorophenol
 Concen: 80.52 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

Tgt Ion:266 Resp: 239445
 Ion Ratio Lower Upper
 266 100
 268 64.1 49.6 74.4
 264 66.0 52.7 79.1

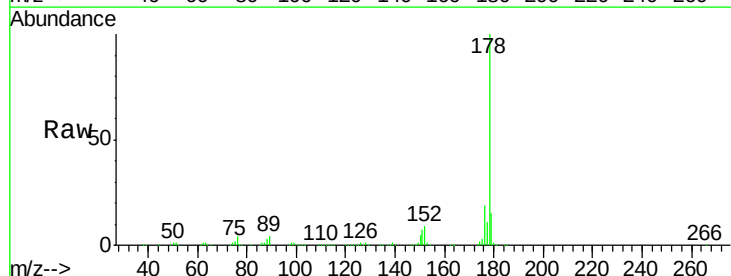


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

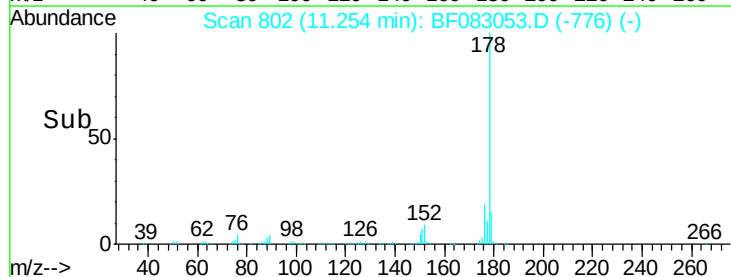
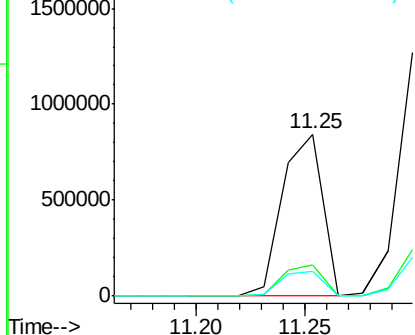


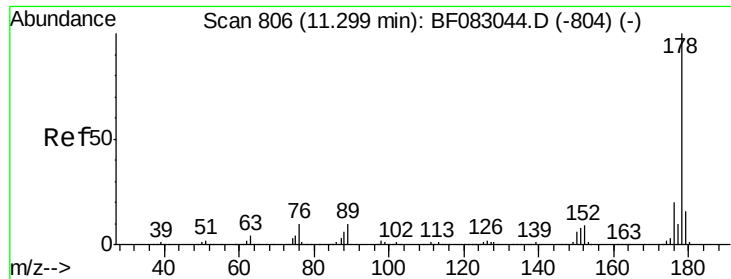
#70
 Phenanthrene
 Concen: 39.40 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:178 Resp: 1093405
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.3 12.3 18.5



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





#71

Anthracene

Concen: 39.17 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

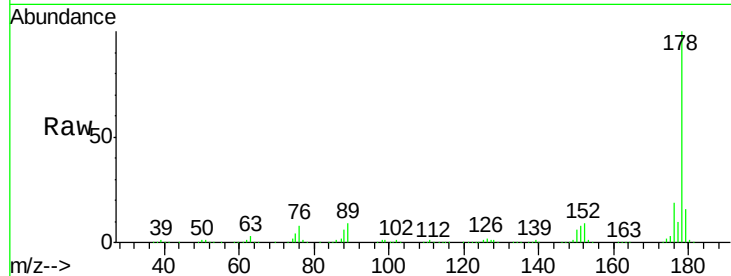
Tgt Ion:178 Resp: 1094877

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

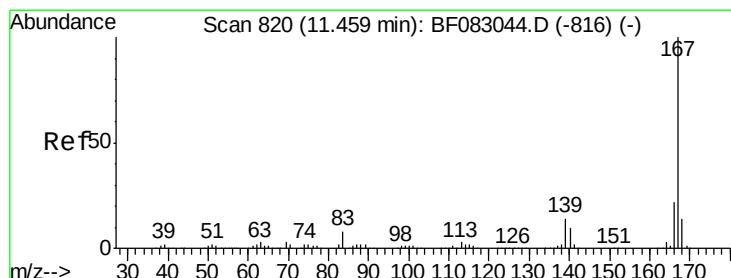
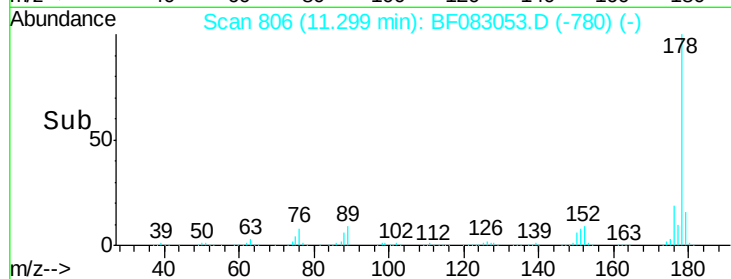
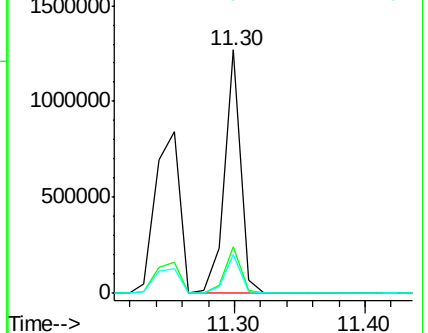
179 15.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.60 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

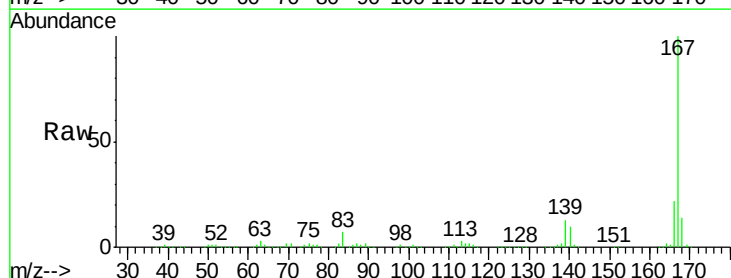
Tgt Ion:167 Resp: 1041046

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

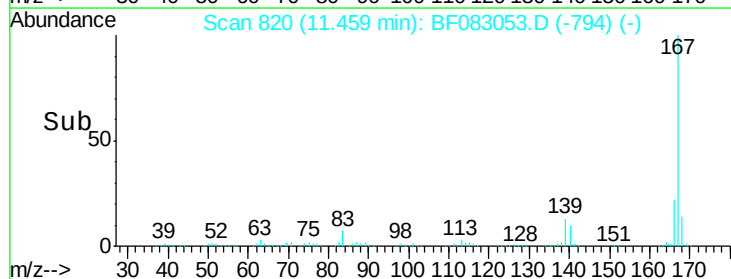
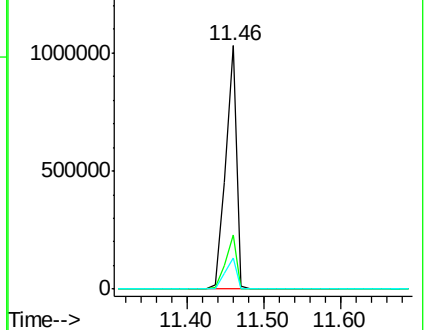
139 12.7 11.0 16.4

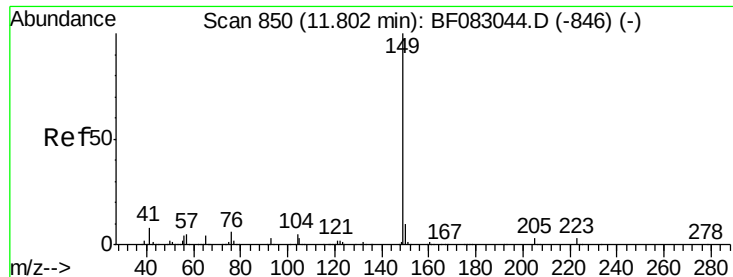


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.59 ng

RT: 11.80 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

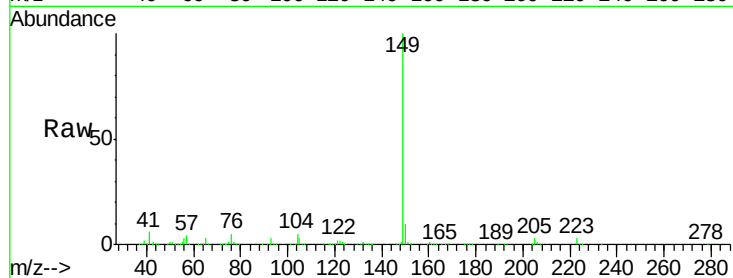
Tgt Ion:149 Resp: 1220015

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

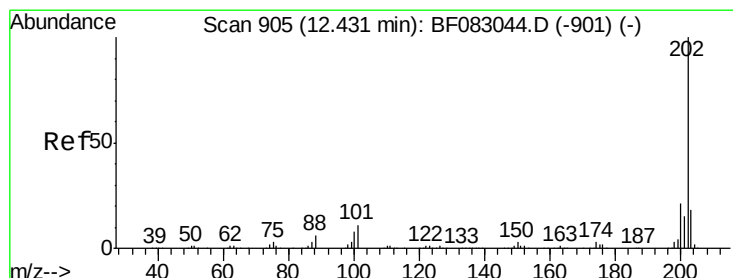
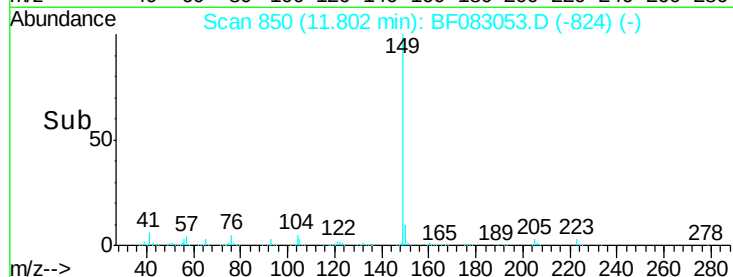
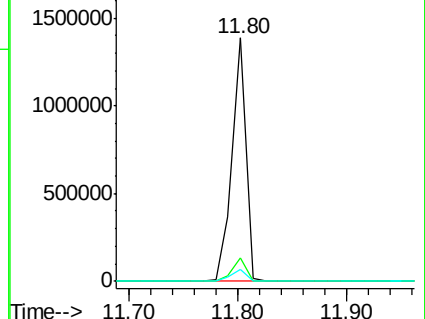
104 4.8 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.32 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

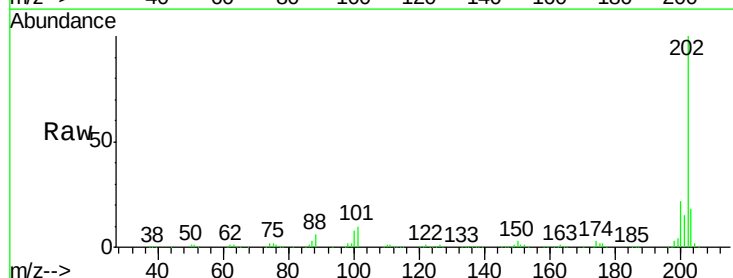
Tgt Ion:202 Resp: 1108320

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.1

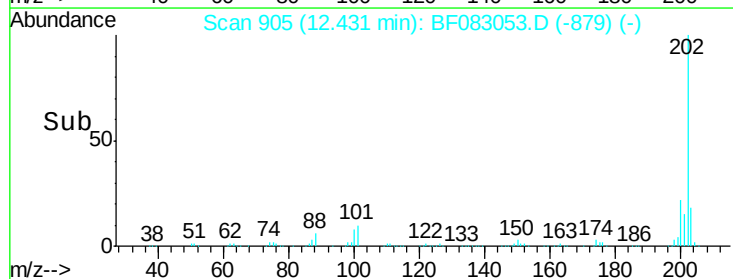
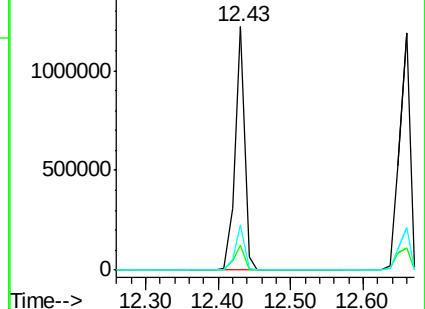
203 18.4 0.0 38.4

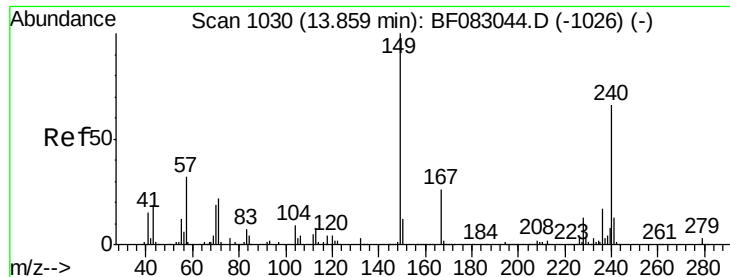


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

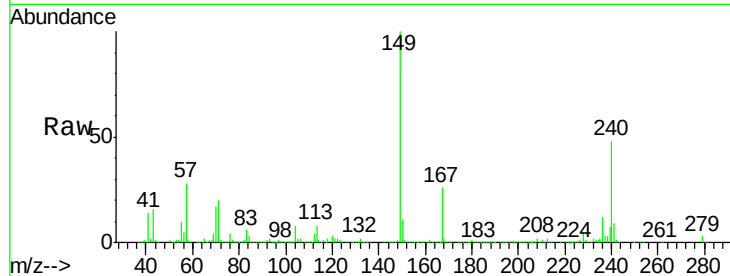
Tgt Ion:240 Resp: 401970

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

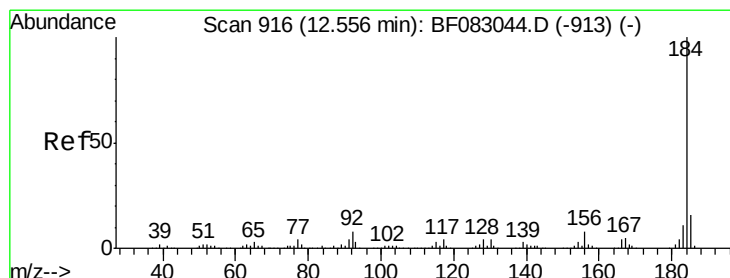
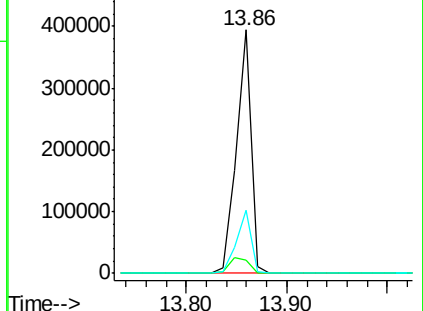
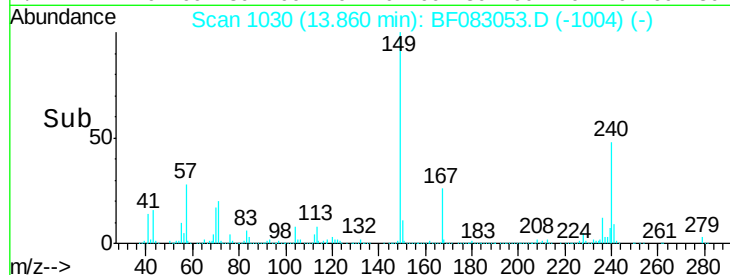
236 25.8 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.72 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

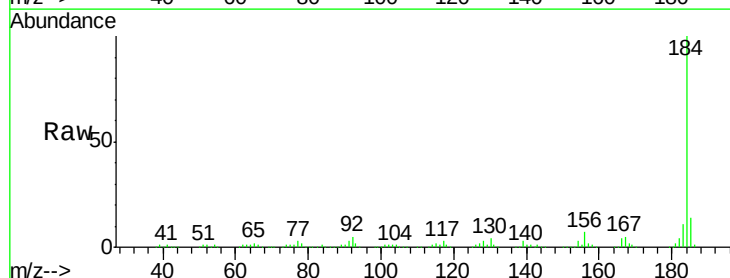
Tgt Ion:184 Resp: 430405

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

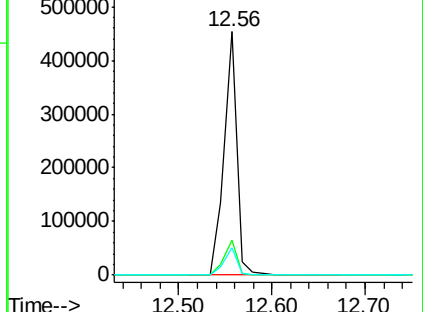
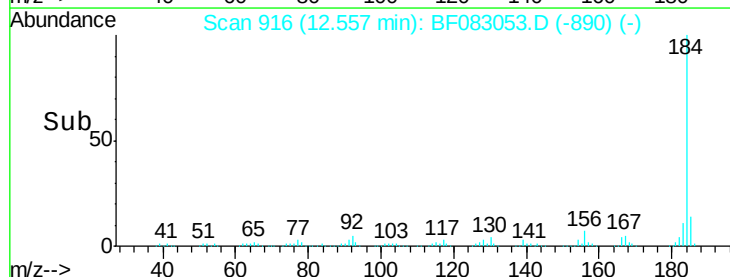
183 11.4 9.0 13.4

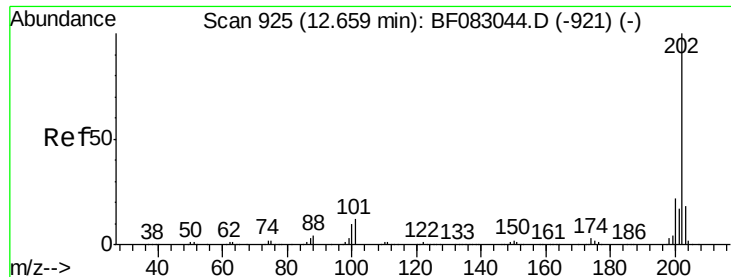


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

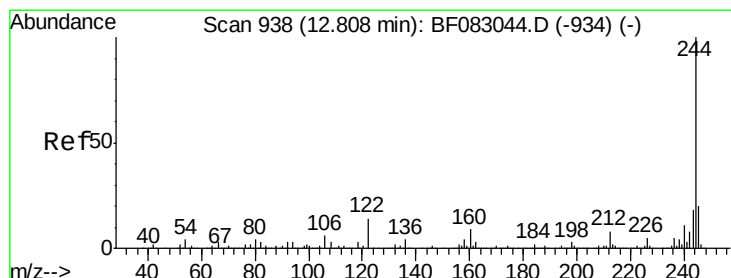
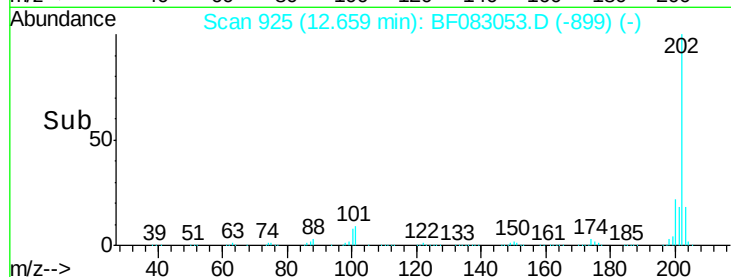
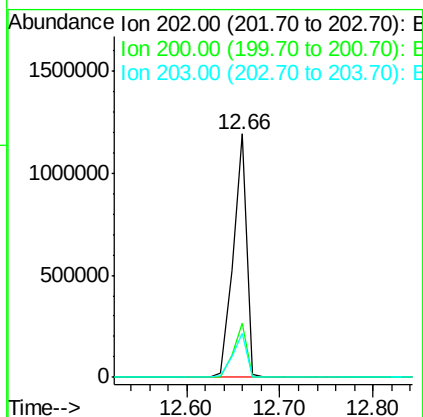
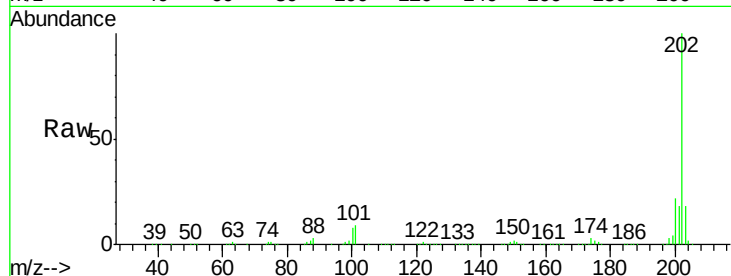




#77
Pyrene
 Concen: 42.53 ng
 RT: 12.66 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

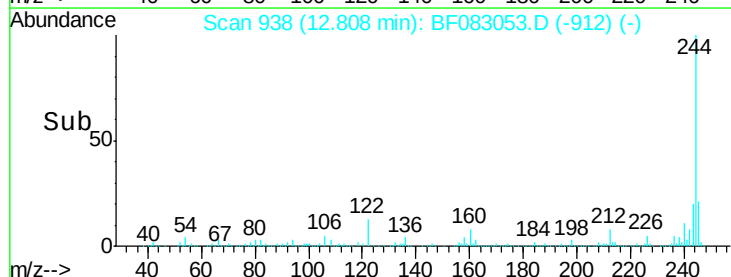
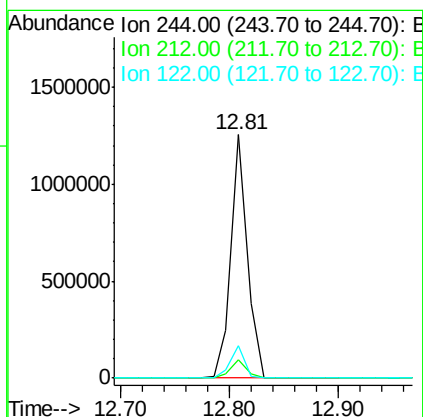
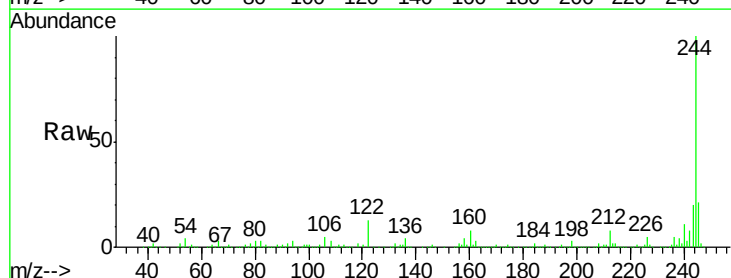
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

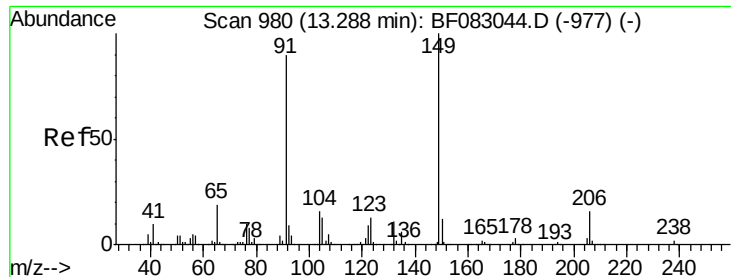
Tgt Ion:202 Resp: 1203467
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 18.0 14.6 22.0



#78
Terphenyl-d14
 Concen: 76.48 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:244 Resp: 1302269
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 13.3 10.9 16.3

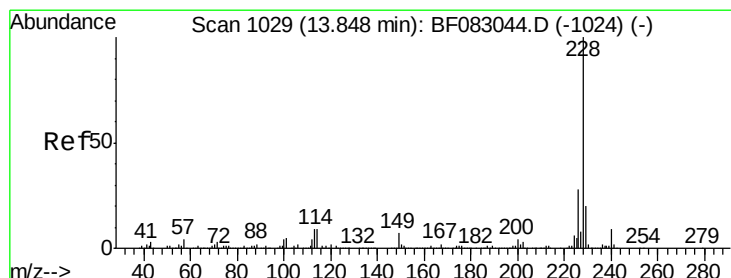
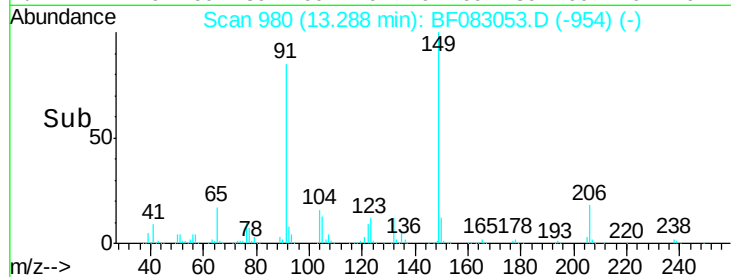
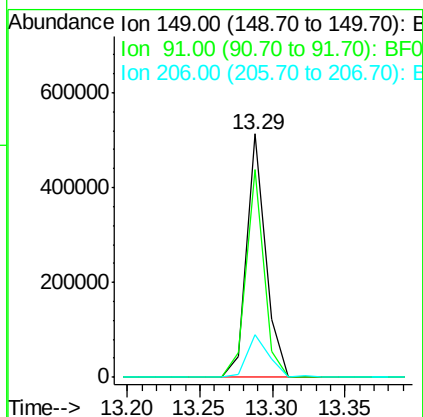
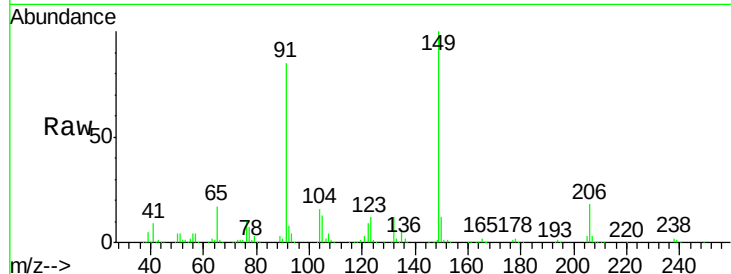




#79
Butylbenzylphthalate
Concen: 37.38 ng
RT: 13.29 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

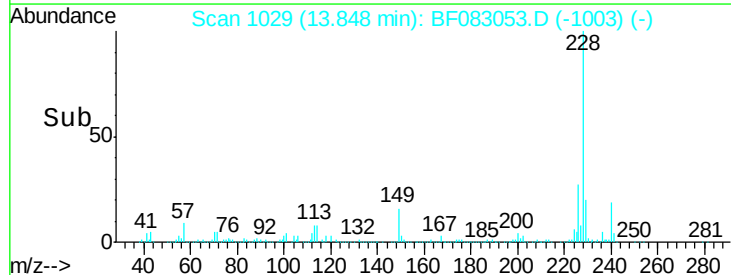
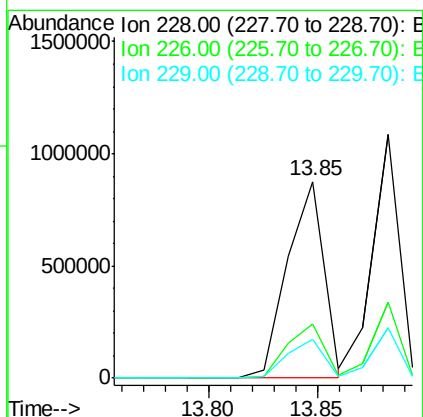
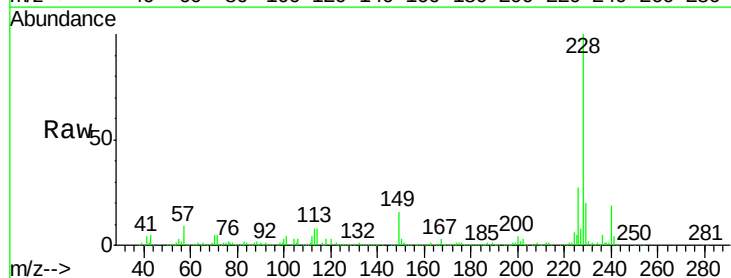
Instrument :
BNA_F
ClientSampleId :
PB86723BS

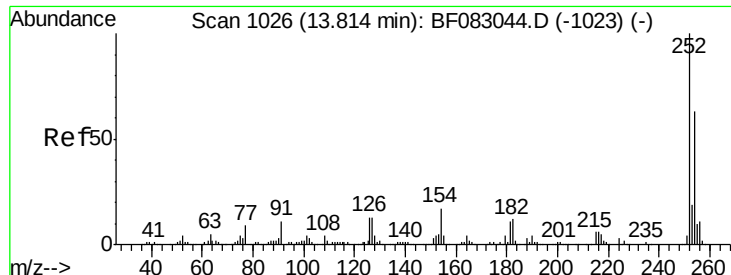
Tgt Ion:149 Resp: 467444
Ion Ratio Lower Upper
149 100
91 85.2 71.9 107.9
206 17.8 13.1 19.7



#80
Benzo(a)anthracene
Concen: 40.38 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Tgt Ion:228 Resp: 1031534
Ion Ratio Lower Upper
228 100
226 27.3 22.6 34.0
229 19.5 16.1 24.1

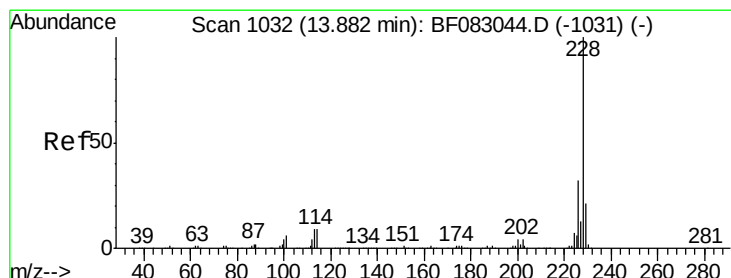
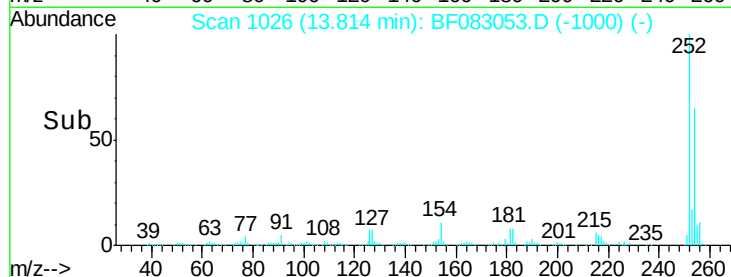
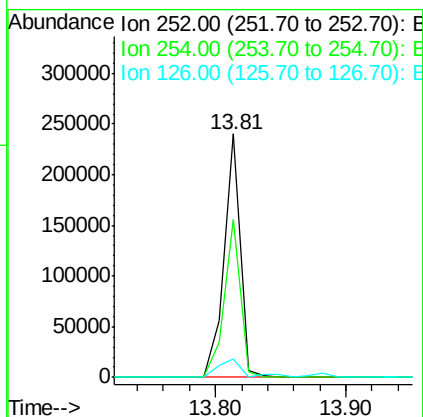
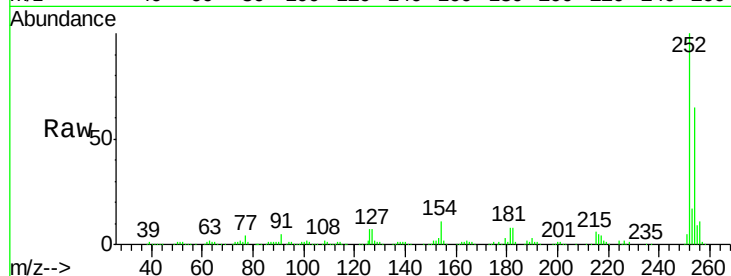




#81
 3,3'-Dichlorobenzidine
 Concen: 24.40 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

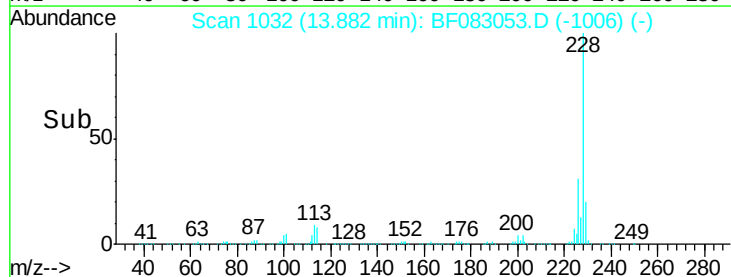
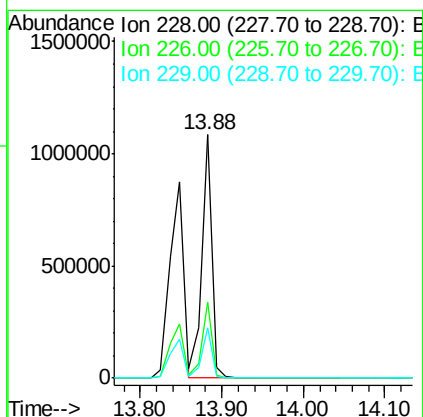
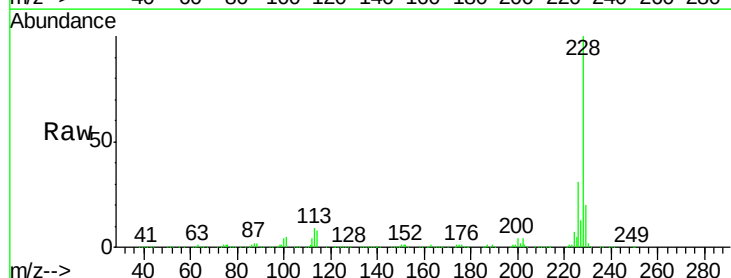
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

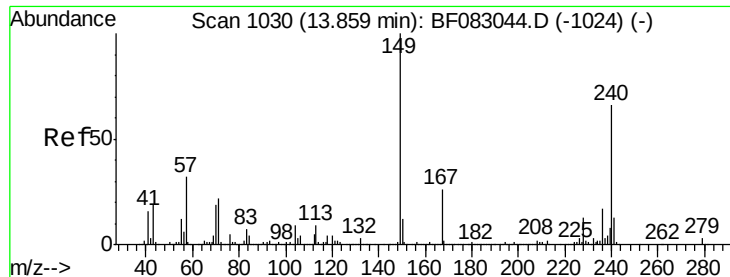
Tgt Ion: 252 Resp: 209788
 Ion Ratio Lower Upper
 252 100
 254 64.8 50.6 76.0
 126 7.4 10.2 15.4#



#82
 Chrysene
 Concen: 40.16 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion: 228 Resp: 940722
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.3 37.9
 229 20.4 16.4 24.6

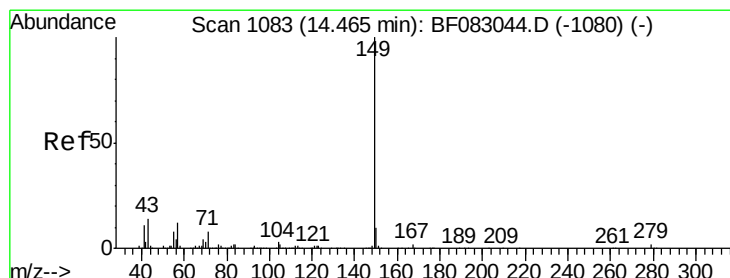
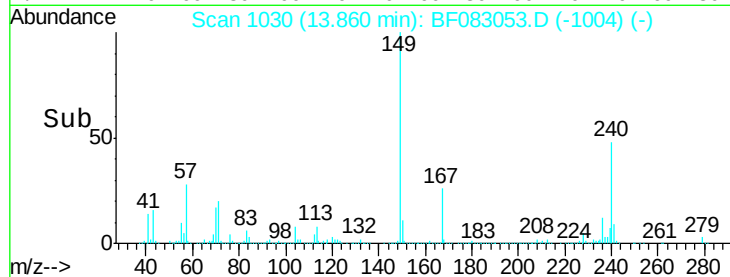
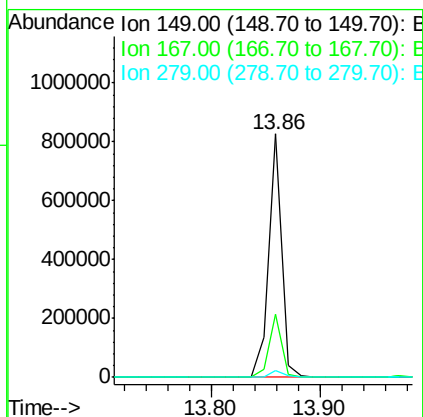
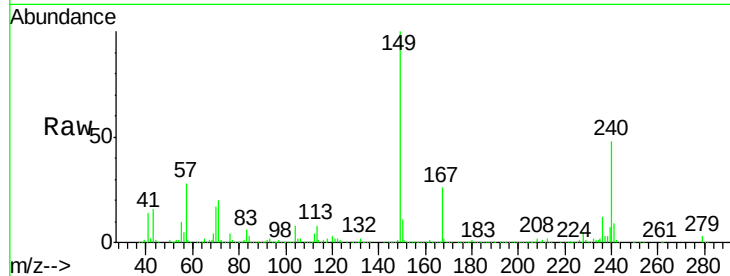




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.50 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

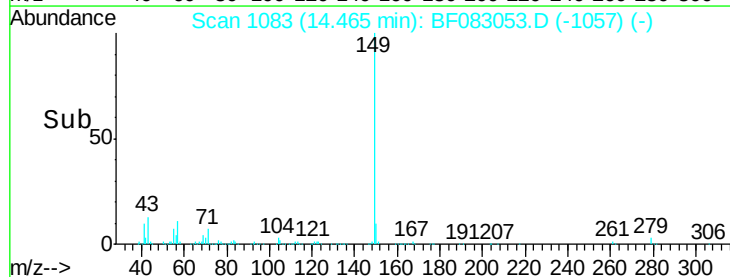
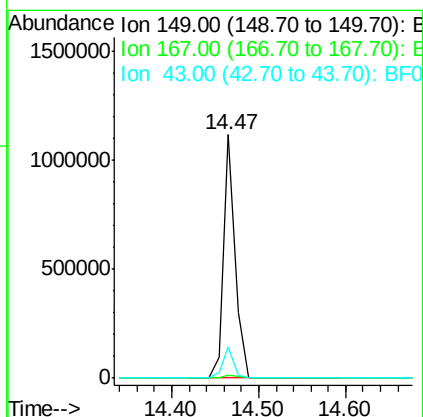
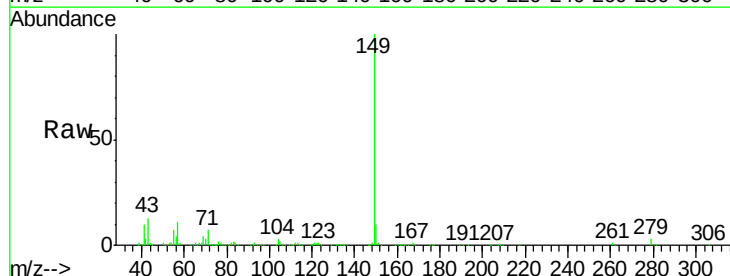
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

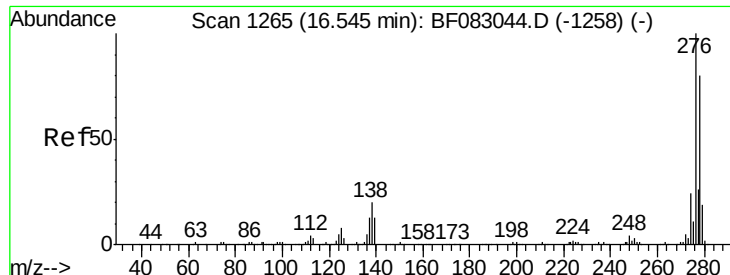
Tgt Ion:149 Resp: 694903
 Ion Ratio Lower Upper
 149 100
 167 26.1 20.9 31.3
 279 3.0 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 39.36 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion:149 Resp: 1048515
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.8 8.8 13.2

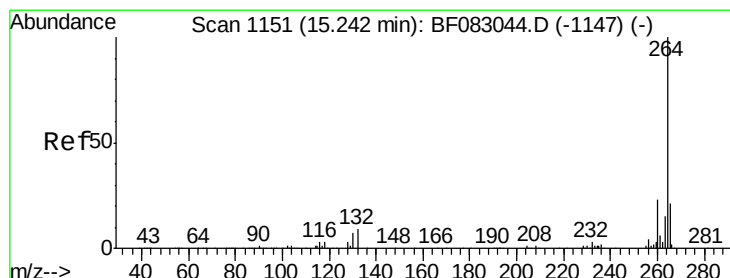
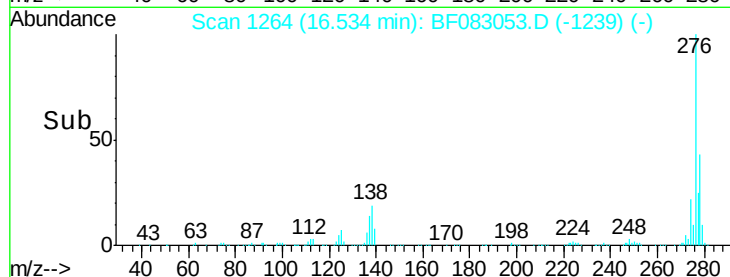
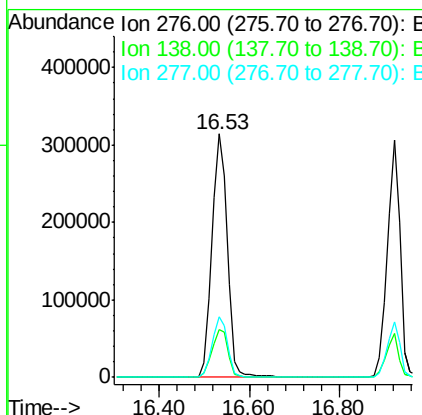
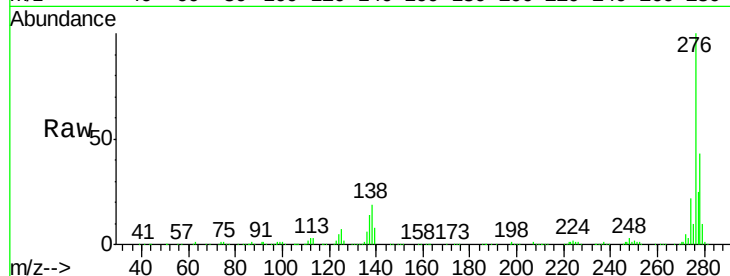




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.56 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

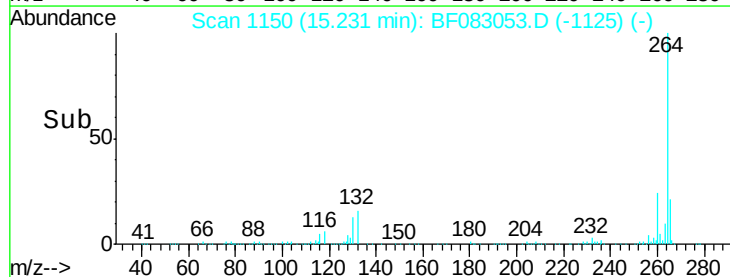
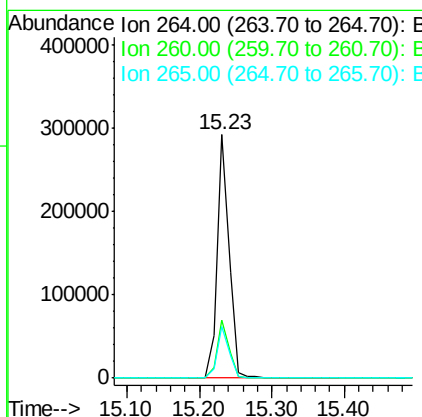
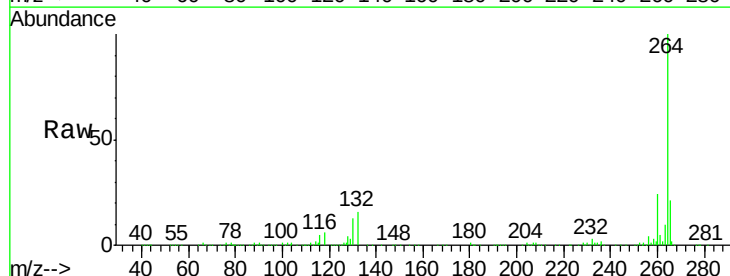
Instrument :
 BNA_F
 ClientSampleId :
 PB86723BS

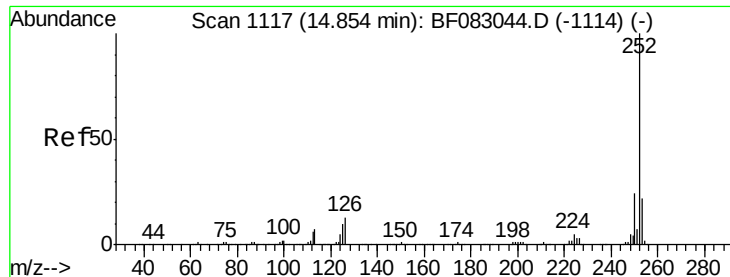
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.3	24.5
277	24.6	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083053.D
 Acq: 20 Nov 2015 00:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.4	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 68.58 ng

RT: 14.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS

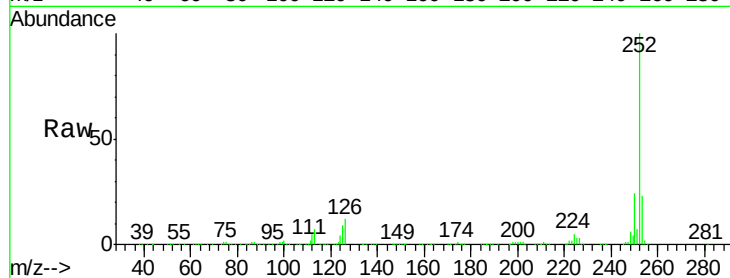
Tgt Ion:252 Resp: 1599484

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

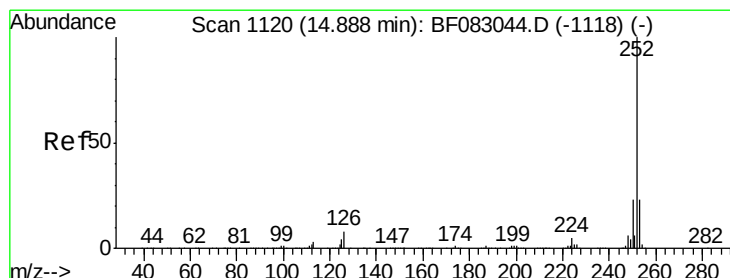
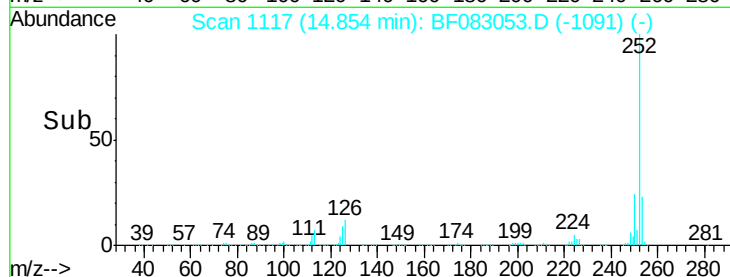
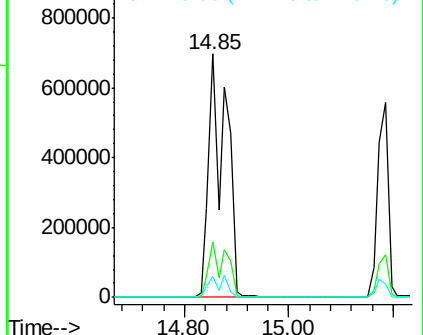
125 8.6 7.7 11.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 90.03 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF083053.D

Acq: 20 Nov 2015 00:05

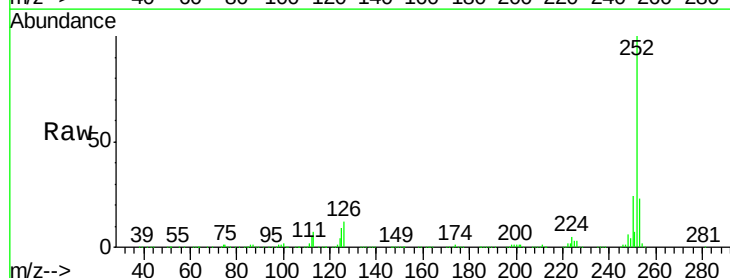
Tgt Ion:252 Resp: 1599484

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

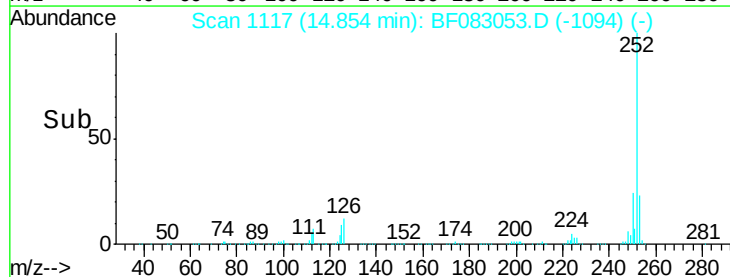
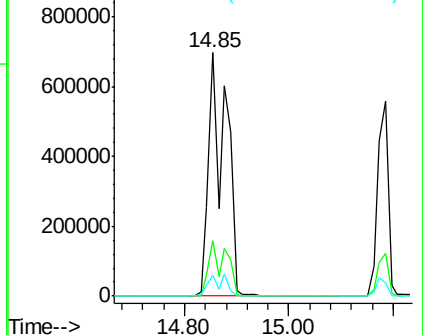
125 8.6 3.8 5.6#

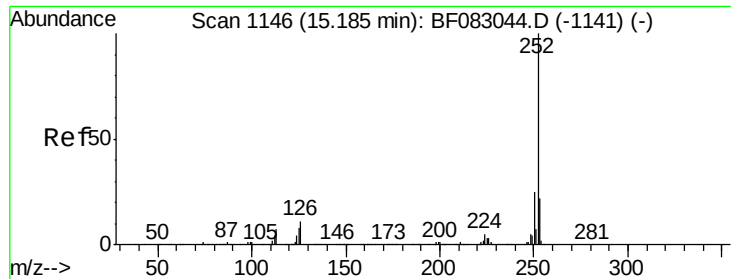


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

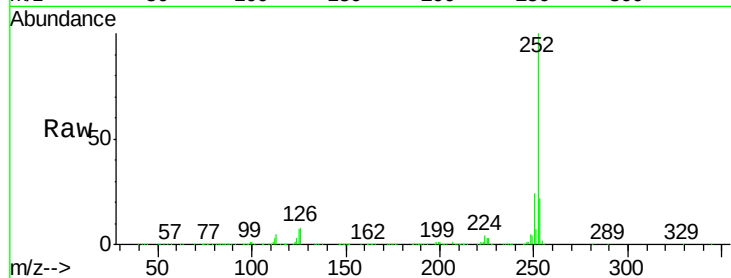




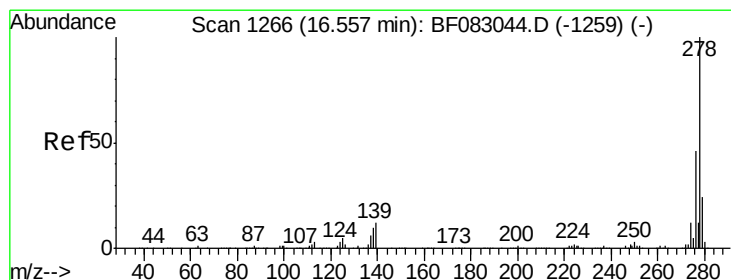
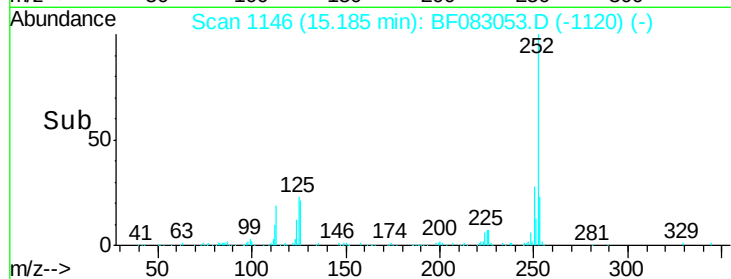
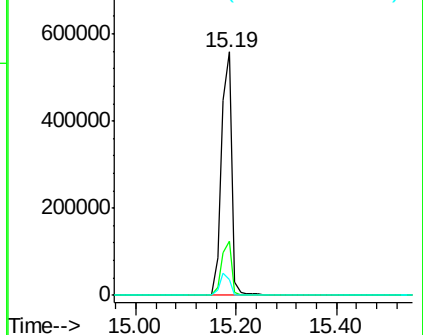
#89
Benzo(a)pyrene
Concen: 42.27 ng
RT: 15.19 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Instrument :
BNA_F
ClientSampleId :
PB86723BS

Tgt Ion: 252 Resp: 791119
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 6.7 6.4 9.6

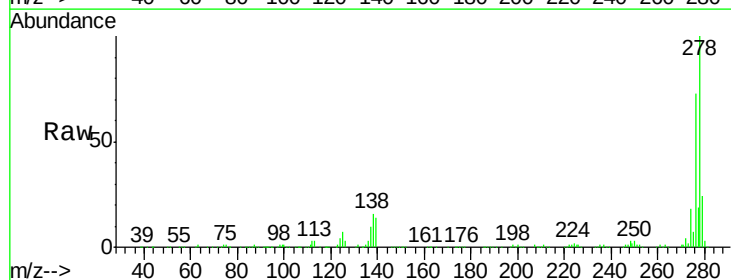


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

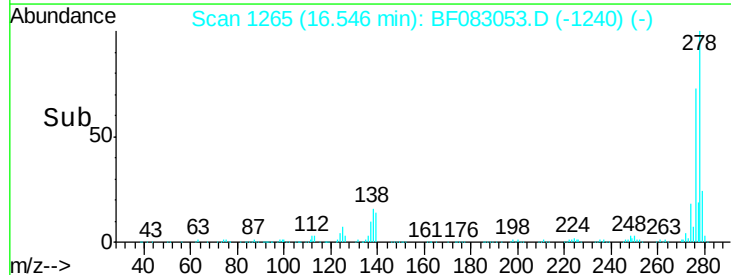
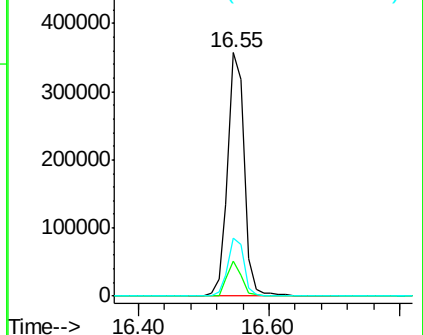


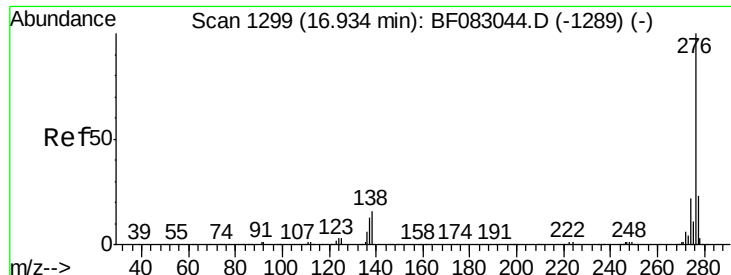
#90
Dibenzo(a,h)anthracene
Concen: 39.03 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF083053.D
Acq: 20 Nov 2015 00:05

Tgt Ion: 278 Resp: 635746
Ion Ratio Lower Upper
278 100
139 14.3 9.8 14.8
279 23.7 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.04 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF083053.D

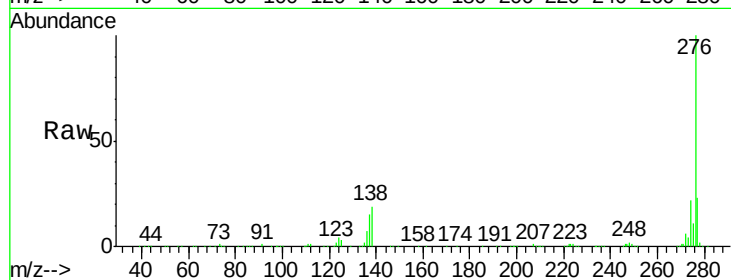
Acq: 20 Nov 2015 00:05

Instrument :

BNA_F

ClientSampleId :

PB86723BS



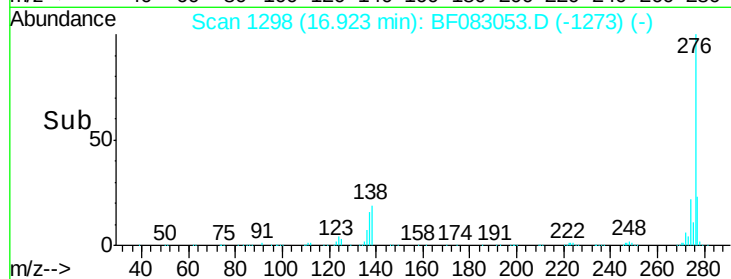
Tgt Ion: 276 Resp: 620249

Ion Ratio Lower Upper

276 100

277 23.3 18.6 27.8

138 18.6 12.5 18.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

