

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
 Data File : BF087944.D
 Acq On : 12 Jun 2016 12:41
 Operator : UM/SJ
 Sample : H3425-07MSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Quant Time: Jun 13 01:16:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:05:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120971	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	499151	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	250892	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	451667	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	328211	20.00	ng	-0.02
86) Perylene-d12	15.37	264	259517	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	433528	61.27	ng	-0.03
7) Phenol-d6	6.43	99	362408	42.26	ng	-0.05
23) Nitrobenzene-d5	7.37	82	743164	86.94	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	262659	99.15	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1317446	82.32	ng	-0.03
78) Terphenyl-d14	12.91	244	982643	68.13	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.40	88	52652	15.31	ng	# 34
3) Pyridine	3.16	79	31406	3.87	ng	# 92
4) n-Nitrosodimethylamine	3.04	42	65279	18.99	ng	# 83
6) Aniline	6.46	93	148386	12.16	ng	# 73
8) 2-Chlorophenol	6.58	128	294666	35.18	ng	# 99
9) Benzaldehyde	6.34	77	33202	4.89	ng	# 95
10) Phenol	6.44	94	141756	14.31	ng	# 87
11) bis(2-Chloroethyl)ether	6.54	93	317339	42.20	ng	# 94
12) 1,3-Dichlorobenzene	6.74	146	357253	39.75	ng	# 96
13) 1,4-Dichlorobenzene	6.82	146	371244	41.01	ng	# 97
14) 1,2-Dichlorobenzene	6.82	146	371244	45.09	ng	# 99
15) Benzyl Alcohol	6.95	79	195164	29.09	ng	# 100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	453652	44.65	ng	# 93
17) 2-Methylphenol	7.07	107	228980	33.71	ng	# 97
18) Hexachloroethane	7.31	117	123424	38.42	ng	# 84
19) n-Nitroso-di-n-propylamine	7.23	70	280764	51.18	ng	# 83
20) 3+4-Methylphenols	7.22	107	215467	27.19	ng	# 72
22) Acetophenone	7.22	105	507092	45.46	ng	# 94
24) Nitrobenzene	7.39	77	416587	50.31	ng	# 93
25) Isophorone	7.63	82	720488	45.50	ng	# 100
26) 2-Nitrophenol	7.71	139	218199	49.19	ng	# 71
27) 2,4-Dimethylphenol	7.75	122	334175	40.92	ng	# 94
28) bis(2-Chloroethoxy)methane	7.85	93	485358	49.42	ng	# 98
29) 2,4-Dichlorophenol	7.95	162	320380	46.99	ng	# 96
30) 1,2,4-Trichlorobenzene	8.03	180	301893	40.66	ng	# 99
31) Naphthalene	8.11	128	1016032	41.13	ng	# 100
32) Benzoic acid	7.84	122	74165	16.49	ng	# 94
33) 4-Chloroaniline	8.16	127	219394	19.89	ng	# 99
34) Hexachlorobutadiene	8.24	225	155103	39.61	ng	# 99
35) Caprolactam	8.55	113	16230	7.19	ng	# 83
36) 4-Chloro-3-methylphenol	8.65	107	323823	44.41	ng	# 88
37) 2-Methylnaphthalene	8.81	142	745627	45.80	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	272525	40.29	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	238691	58.98	ng	# 99

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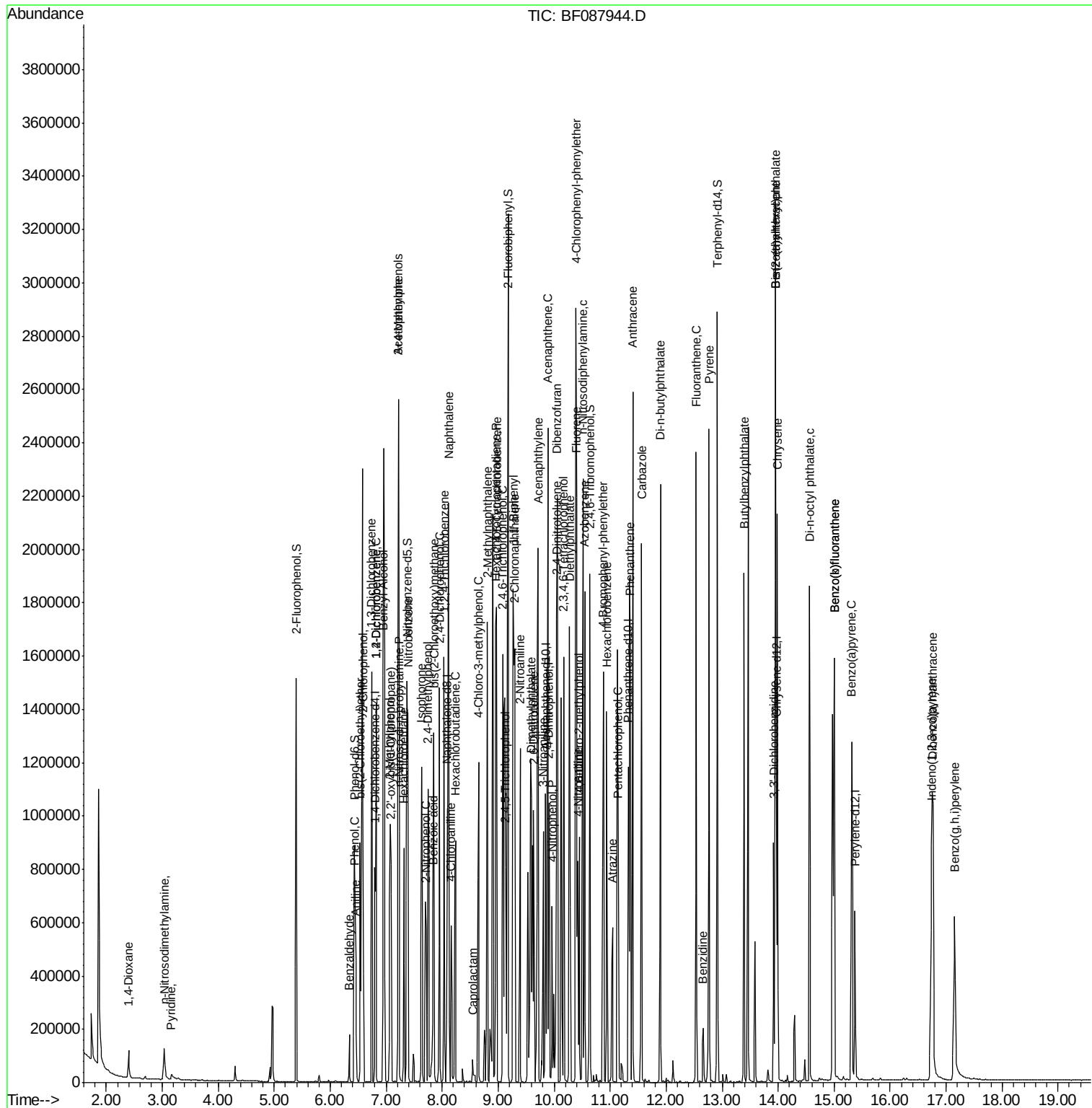
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	229653	45.77	ng	98
43) 2,4,5-Trichlorophenol	9.13	196	208491	39.94	ng	95
45) 1,1'-Biphenyl	9.27	154	854197	45.42	ng	100
46) 2-Chloronaphthalene	9.29	162	699140	43.06	ng	99
47) 2-Nitroaniline	9.39	65	222632	46.48	ng	# 85
48) Acenaphthylene	9.71	152	1114659	43.16	ng	99
49) Dimethylphthalate	9.59	163	870647	47.91	ng	99
50) 2,6-Dinitrotoluene	9.63	165	190276	45.72	ng	# 61
51) Acenaphthene	9.88	154	762699	47.34	ng	99
52) 3-Nitroaniline	9.80	138	159570	33.22	ng	92
53) 2,4-Dinitrophenol	9.91	184	174639	77.25	ng	96
54) Dibenzofuran	10.06	168	1006952	45.39	ng	94
55) 4-Nitrophenol	9.96	139	107201	28.76	ng	89
56) 2,4-Dinitrotoluene	10.04	165	277632	51.90	ng	97
57) Fluorene	10.40	166	746399	50.36	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	185277	45.17	ng	# 52
59) Diethylphthalate	10.27	149	782688	42.55	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	274632	37.22	ng	96
61) 4-Nitroaniline	10.42	138	201267	44.18	ng	98
62) Azobenzene	10.55	77	782209	43.00	ng	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	115210	41.18	ng	97
65) n-Nitrosodiphenylamine	10.51	169	716137	47.78	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	219070	45.21	ng	95
67) Hexachlorobenzene	10.94	284	215673	42.84	ng	95
68) Atrazine	11.04	200	102348	22.55	ng	97
69) Pentachlorophenol	11.14	266	246390	92.84	ng	98
70) Phenanthrene	11.36	178	1090990	46.03	ng	99
71) Anthracene	11.40	178	1002682	41.94	ng	100
72) Carbazole	11.56	167	1131704	50.59	ng	99
73) Di-n-butylphthalate	11.90	149	1146872	40.50	ng	100
74) Fluoranthene	12.54	202	966816	38.65	ng	98
76) Benzidine	12.66	184	109995	12.10	ng	98
77) Pyrene	12.77	202	1016223	41.72	ng	100
79) Butylbenzylphthalate	13.39	149	550024	51.08	ng	99
80) Benzo(a)anthracene	13.95	228	730485	39.06	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	195815	38.93	ng	# 99
82) Chrysene	13.99	228	752845	42.78	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	572204	43.65	ng	# 98
84) Di-n-octyl phthalate	14.56	149	1047446	49.18	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	740679	45.31	ng	# 100
87) Benzo(b)fluoranthene	15.01	252	1448726	80.09	ng	98
88) Benzo(k)fluoranthene	15.01	252	1449567	106.24	ng	# 96
89) Benzo(a)pyrene	15.31	252	678729	46.38	ng	100
90) Dibenzo(a,h)anthracene	16.77	278	607626	44.70	ng	98
91) Benzo(g,h,i)perylene	17.15	276	601855	43.05	ng	99

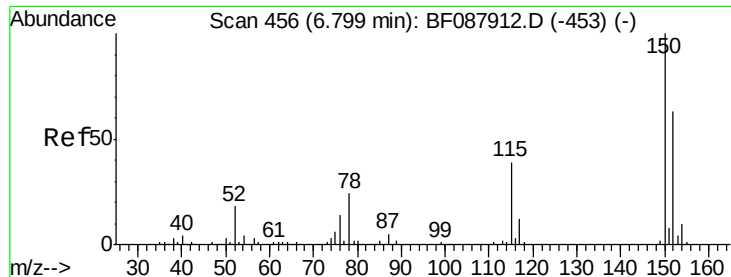
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

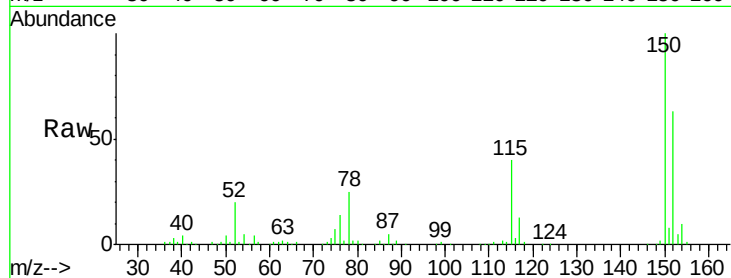
Tgt Ion:152 Resp: 120971

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

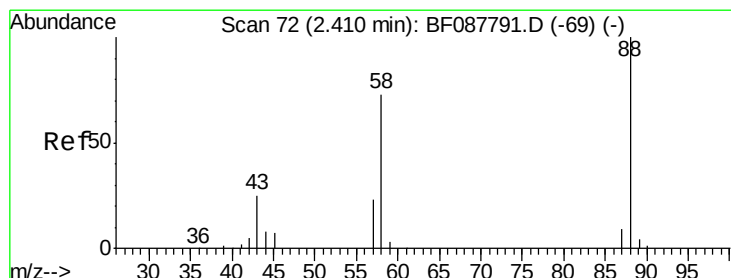
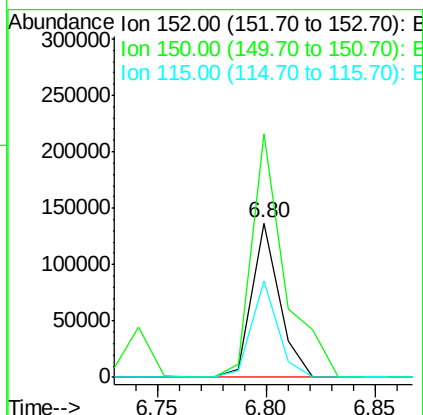
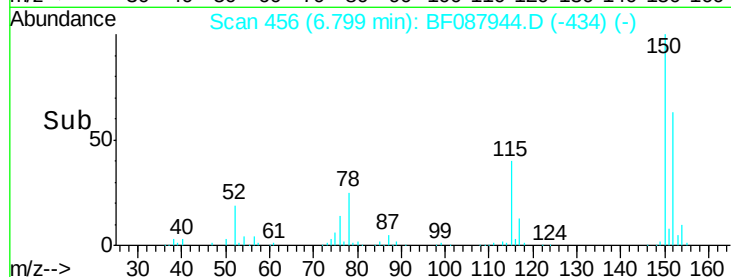
115 62.4 39.6 59.4#



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: 15.31 ng

RT: 2.40 min Scan# 71

Delta R.T. -0.01 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

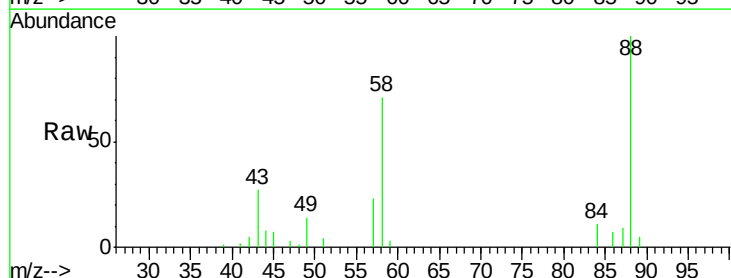
Tgt Ion: 88 Resp: 52652

Ion Ratio Lower Upper

88 100

58 75.2 0.0 0.0#

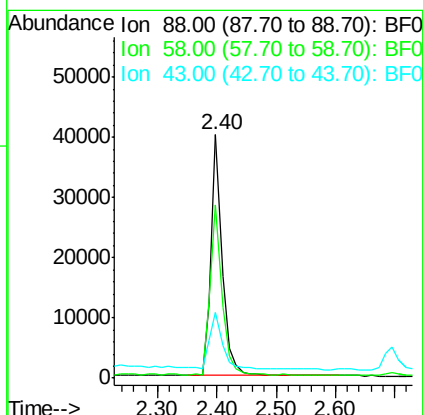
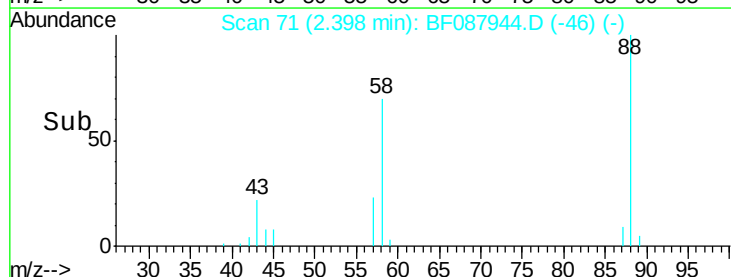
43 26.1 3.4 5.2#

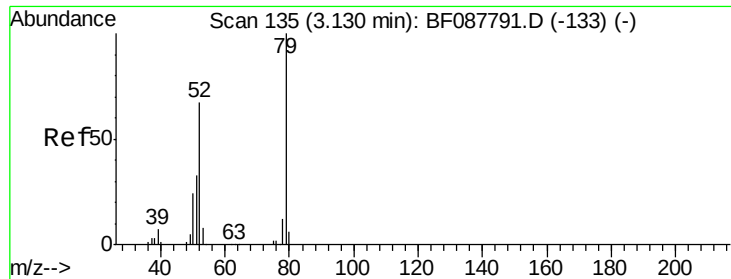


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

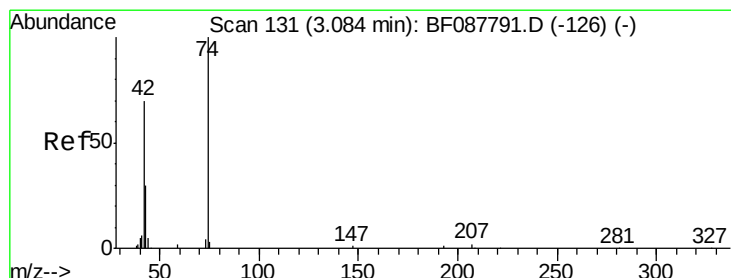
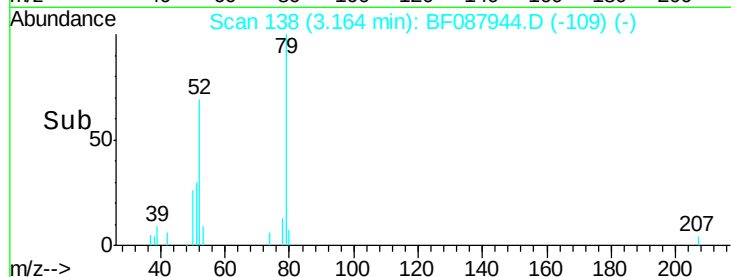
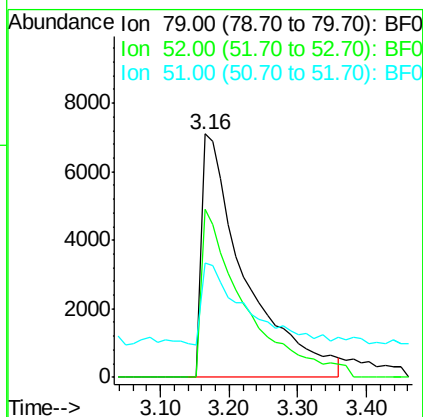
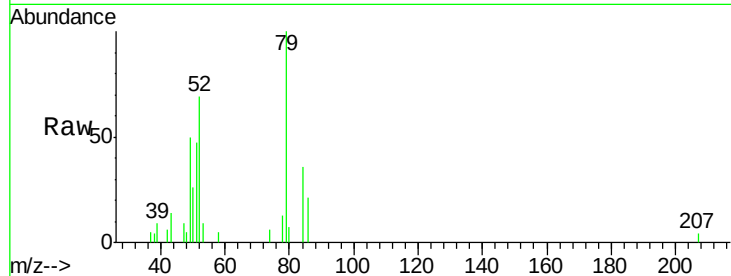




#3
 Pyridine
 Concen: 3.87 ng
 RT: 3.16 min Scan# 138
 Delta R.T. 0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

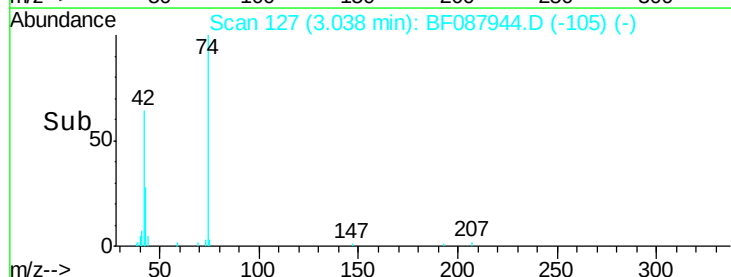
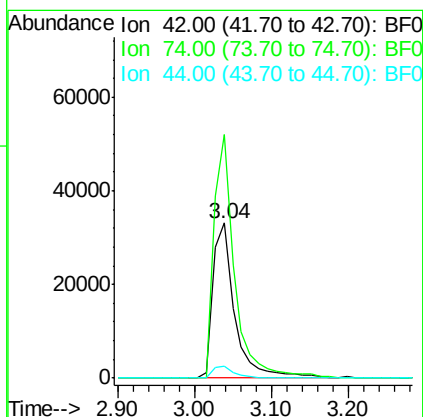
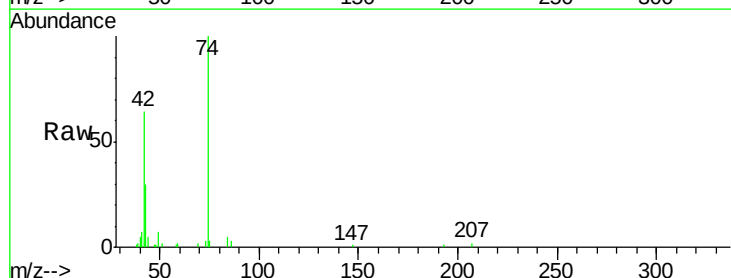
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

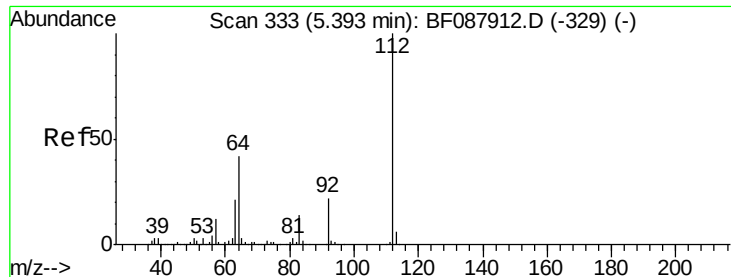
Tgt Ion: 79 Resp: 31406
 Ion Ratio Lower Upper
 79 100
 52 69.1 56.3 84.5
 51 47.1 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 18.99 ng
 RT: 3.04 min Scan# 127
 Delta R.T. -0.05 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion: 42 Resp: 65279
 Ion Ratio Lower Upper
 42 100
 74 157.3 108.6 163.0
 44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 61.27 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

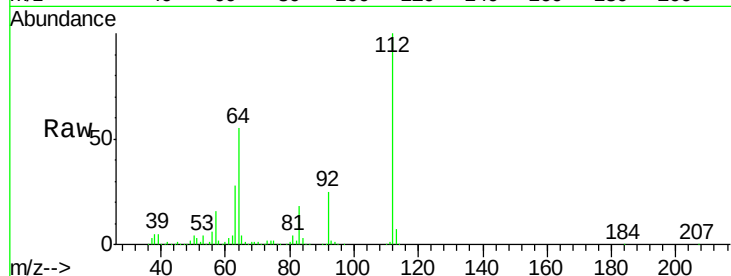
Tgt Ion: 112 Resp: 433528

Ion Ratio Lower Upper

112 100

64 55.1 42.2 63.2

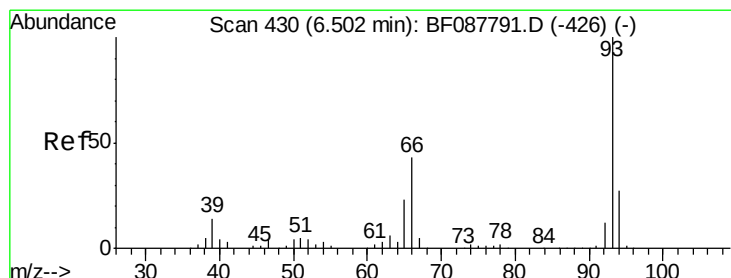
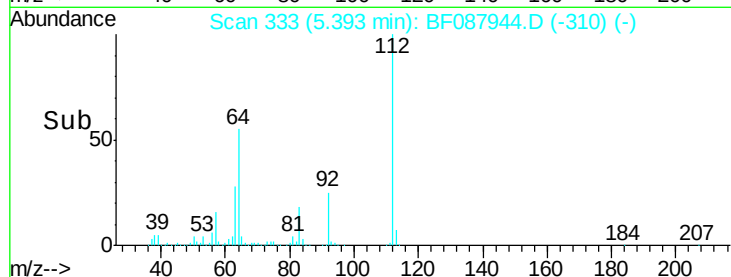
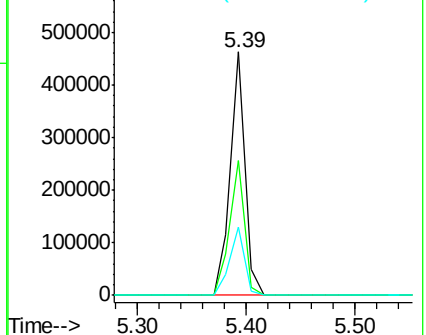
63 28.2 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.16 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

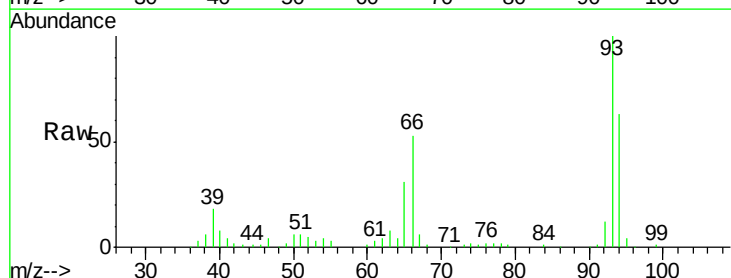
Tgt Ion: 93 Resp: 148386

Ion Ratio Lower Upper

93 100

66 53.1 29.8 44.8#

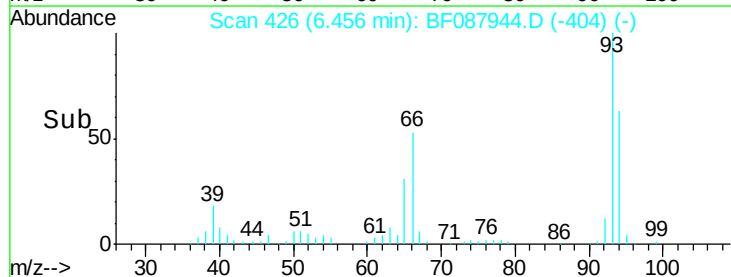
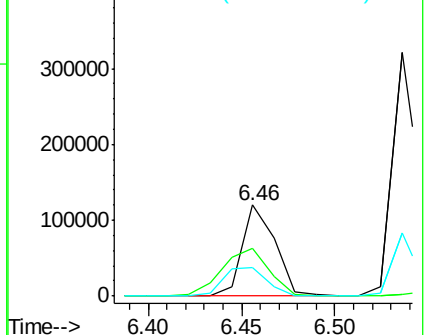
65 31.0 14.9 22.3#

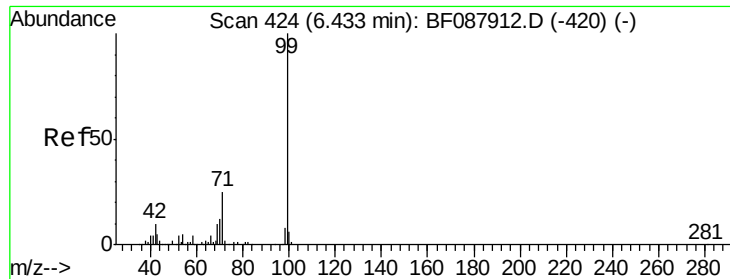


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.26 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087944.D

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ClientSampleId :

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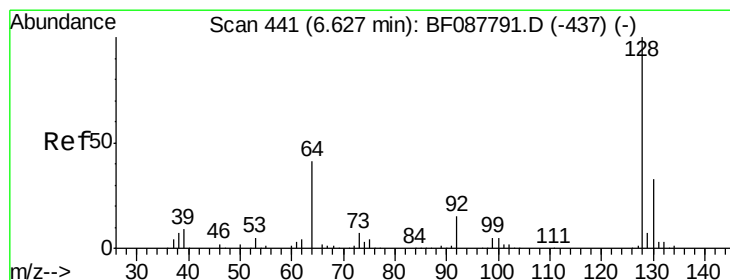
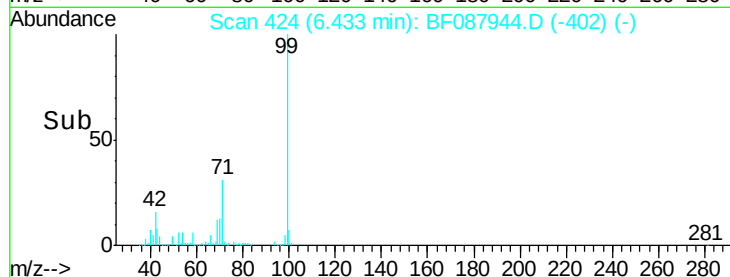
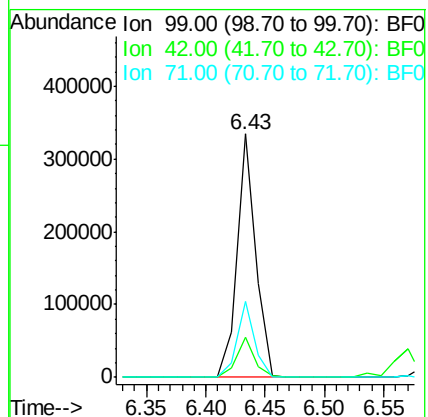
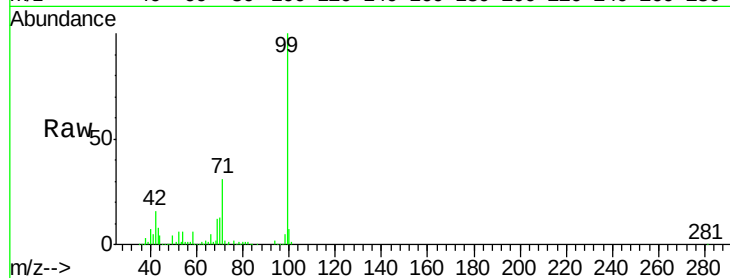
Tgt Ion: 99 Resp: 362408

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 31.3 23.4 35.0



#8

2-Chlorophenol

Concen: 35.18 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

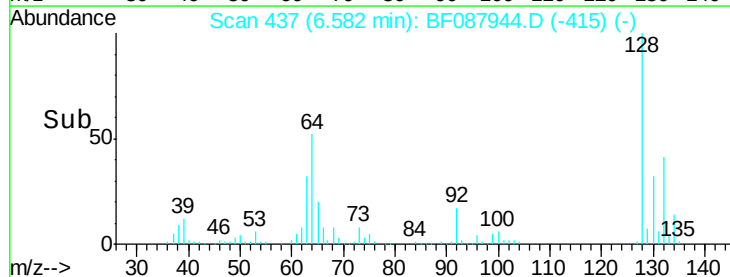
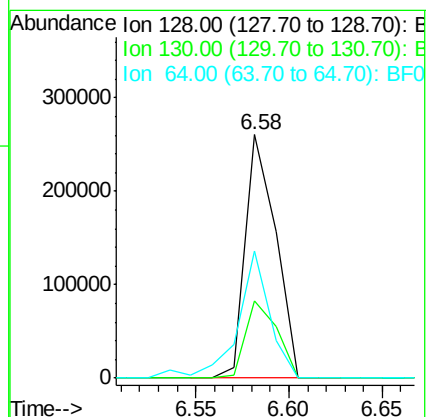
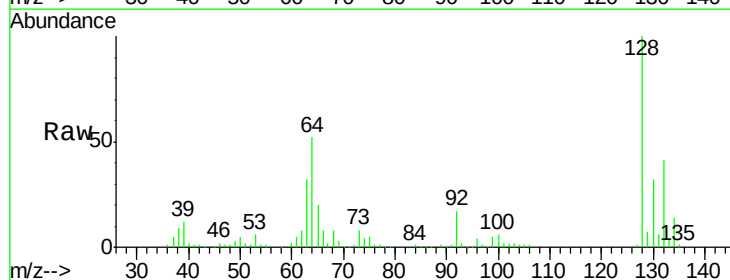
Tgt Ion: 128 Resp: 294666

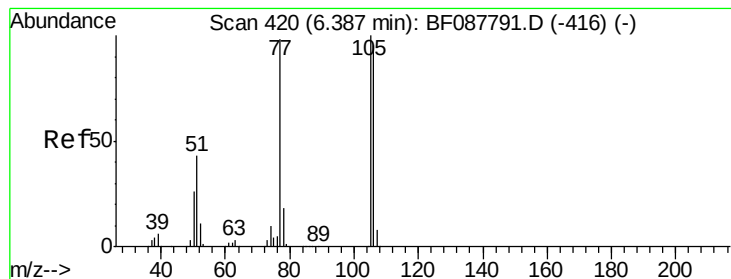
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 52.1 30.8 70.8





#9

Benzaldehyde

Concen: 4.89 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

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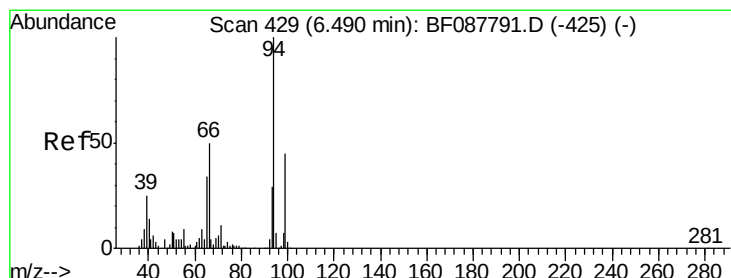
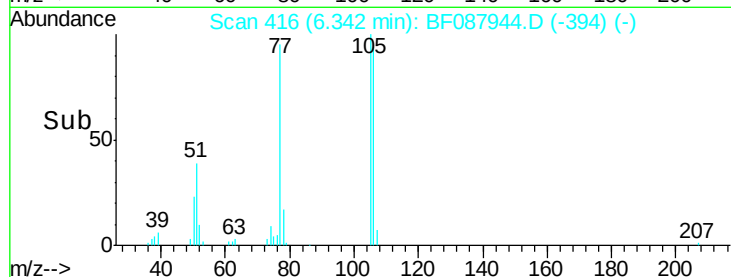
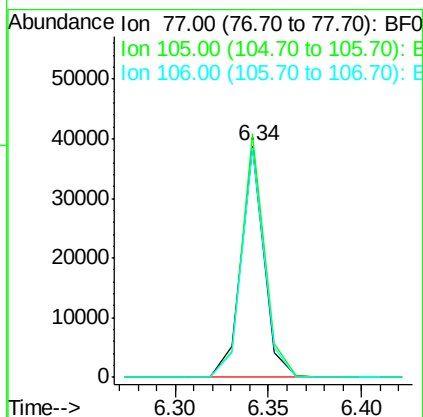
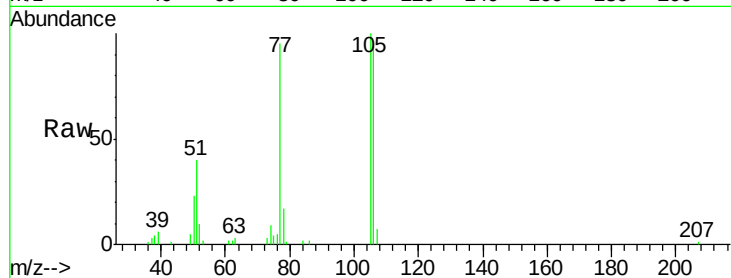
Tgt Ion: 77 Resp: 33202

Ion Ratio Lower Upper

77 100

105 105.5 90.6 130.6

106 99.6 85.3 125.3



#10

Phenol

Concen: 14.31 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.05 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

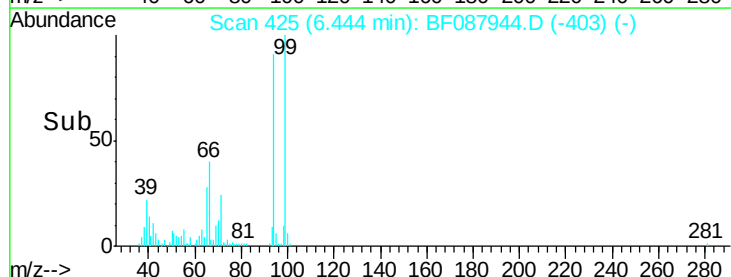
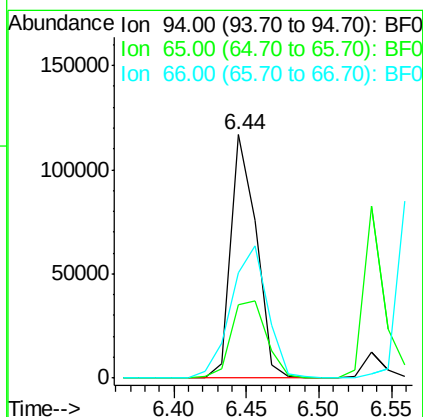
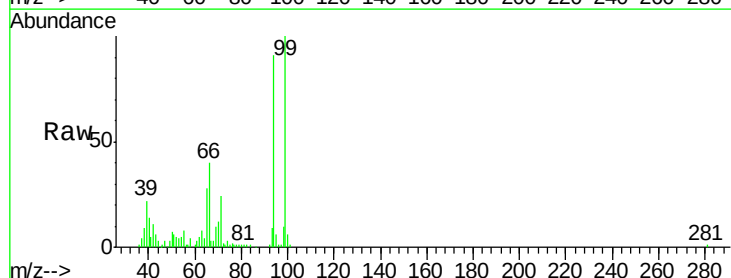
Tgt Ion: 94 Resp: 141756

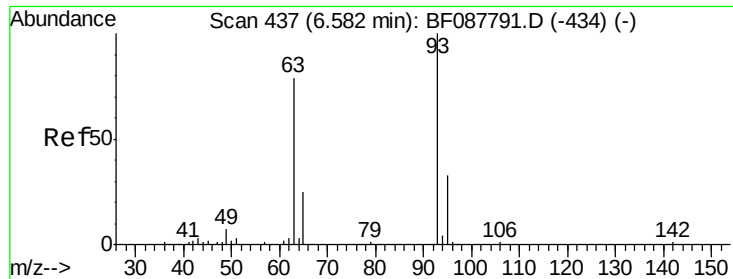
Ion Ratio Lower Upper

94 100

65 30.4 5.9 45.9

66 43.5 14.0 54.0

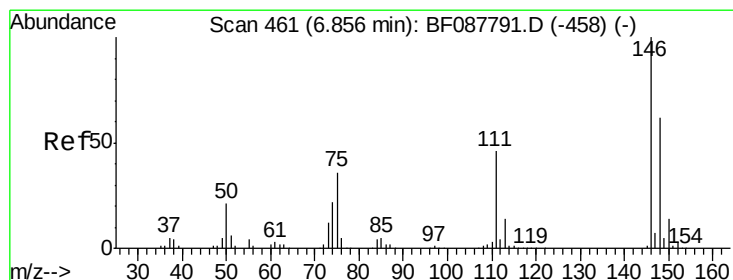
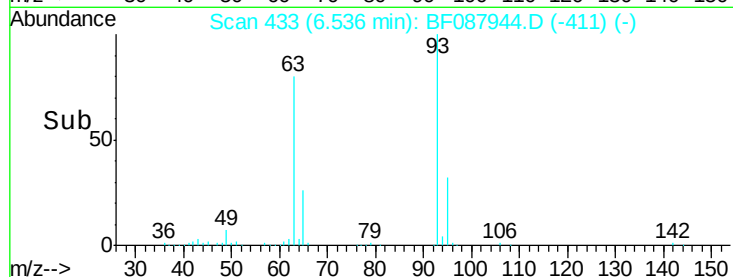
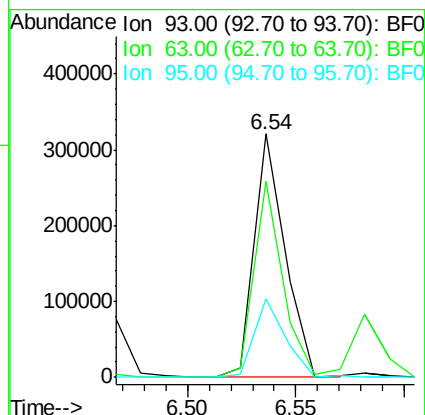
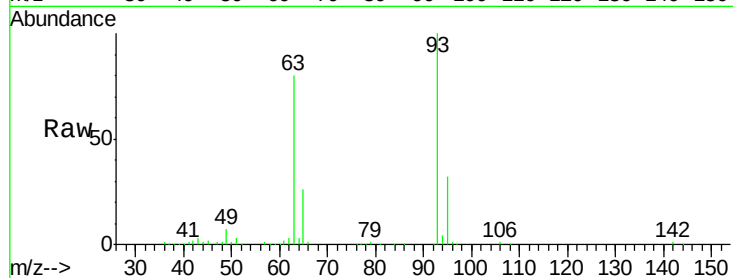




#11
bis(2-Chloroethyl)ether
Concen: 42.20 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

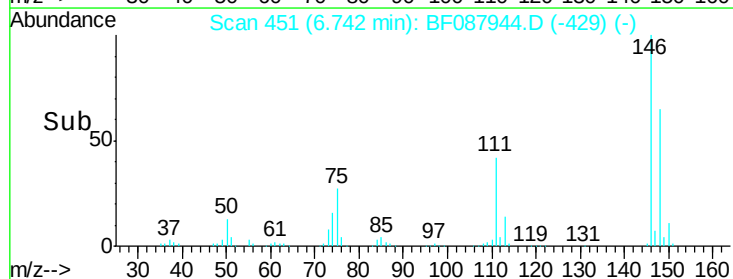
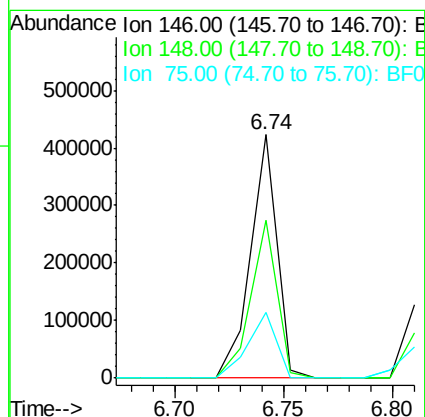
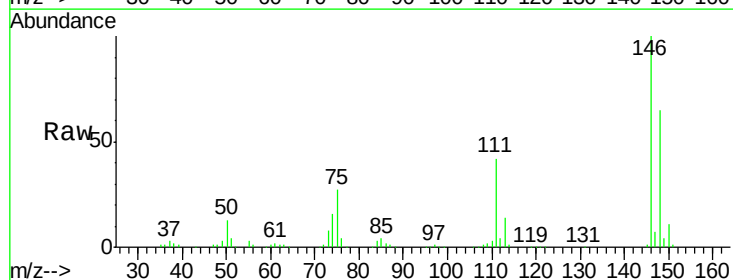
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

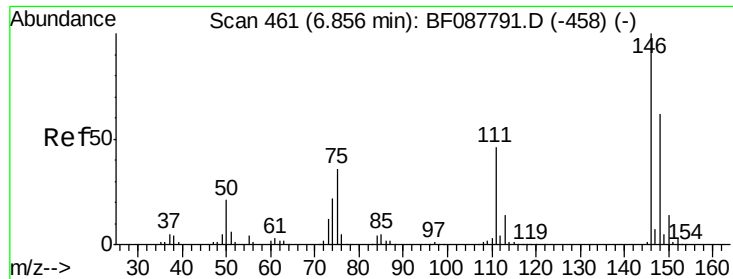
Tgt Ion: 93 Resp: 317339
Ion Ratio Lower Upper
93 100
63 80.5 67.6 107.6
95 32.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 39.75 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 146 Resp: 357253
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
75 26.8 25.6 38.4

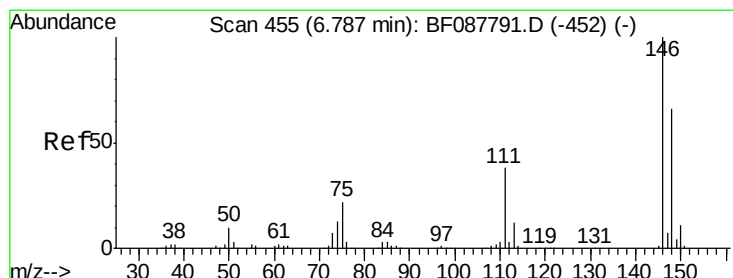
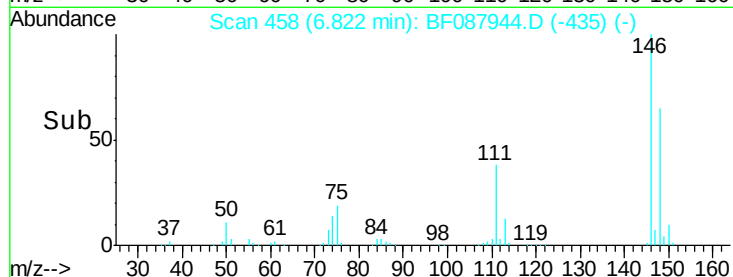
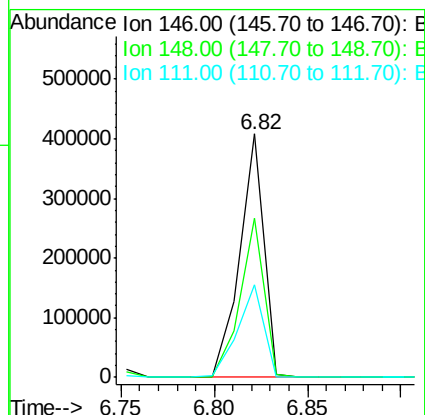
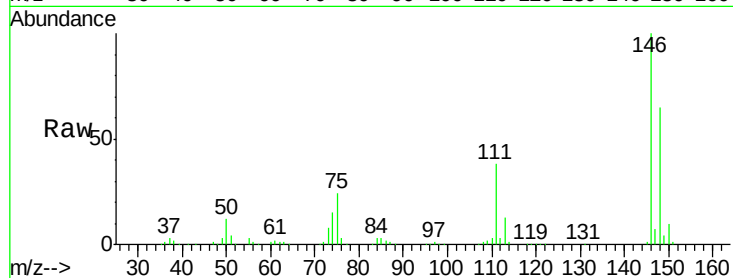




#13
 1,4-Dichlorobenzene
 Concen: 41.01 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

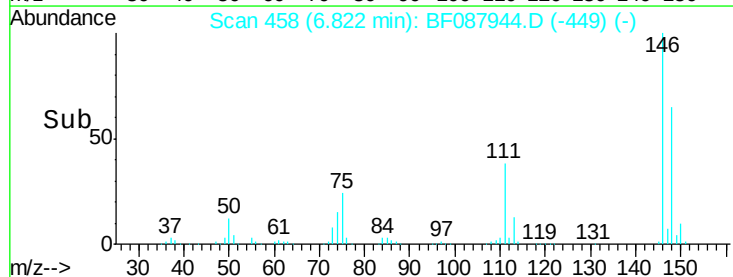
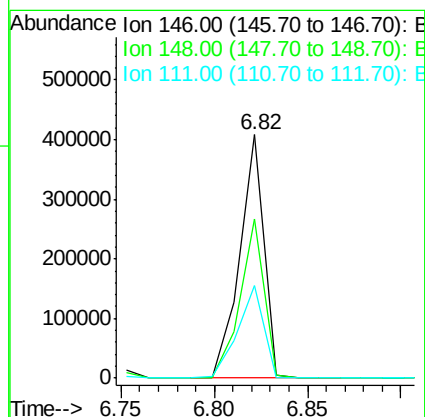
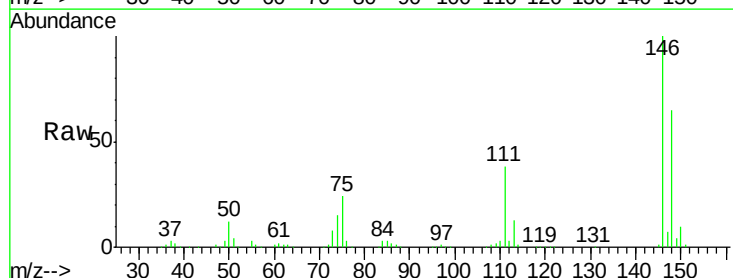
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

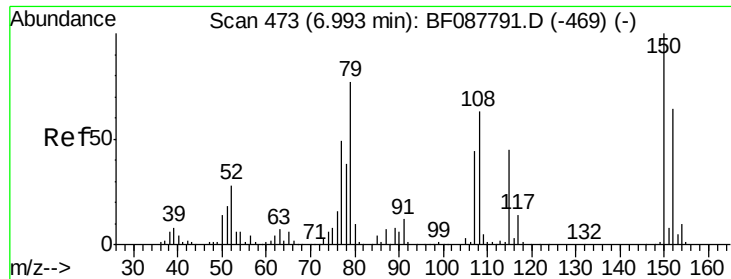
Tgt Ion:146 Resp: 371244
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 38.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 45.09 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:146 Resp: 371244
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 38.1 28.7 43.1

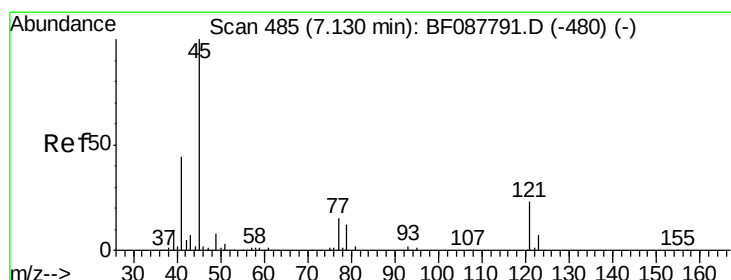
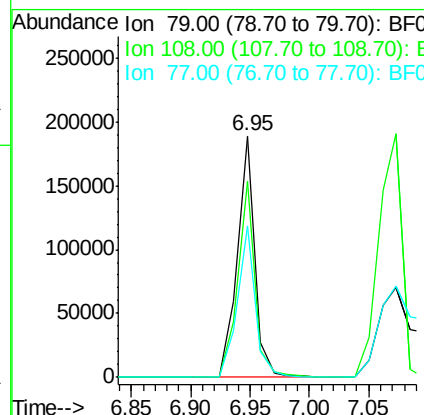
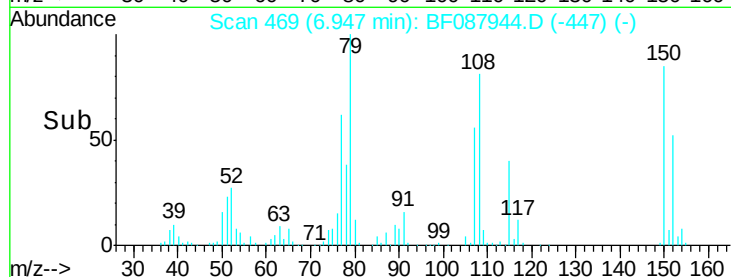
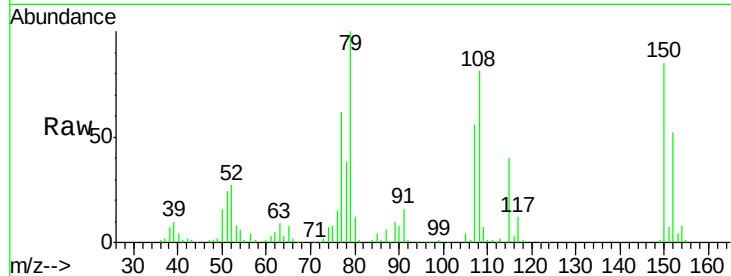




#15
Benzyl Alcohol
Concen: 29.09 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

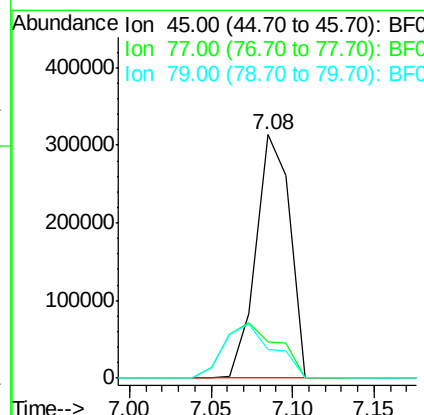
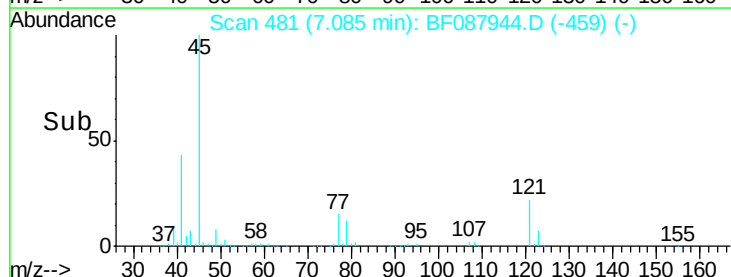
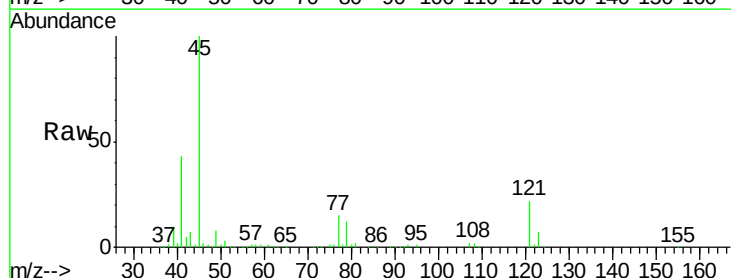
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

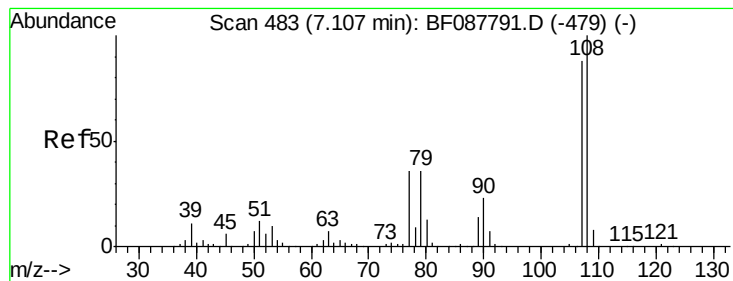
Tgt Ion: 79 Resp: 195164
Ion Ratio Lower Upper
79 100
108 81.2 65.0 97.6
77 62.5 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.65 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 45 Resp: 453652
Ion Ratio Lower Upper
45 100
77 15.2 0.0 32.5
79 11.8 0.0 29.5





#17

2-Methylphenol

Concen: 33.71 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tgt Ion:107 Resp: 228980

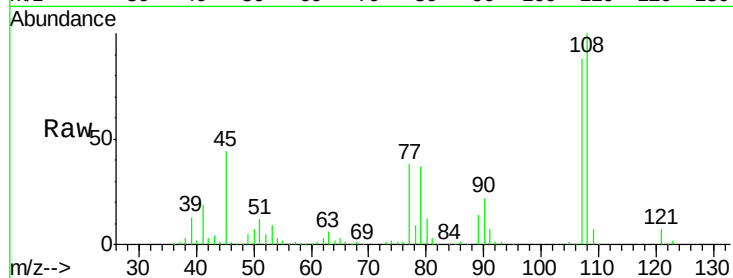
Ion Ratio Lower Upper

107 100

108 113.0 90.9 136.3

77 42.7 36.6 55.0

79 41.9 36.5 54.7

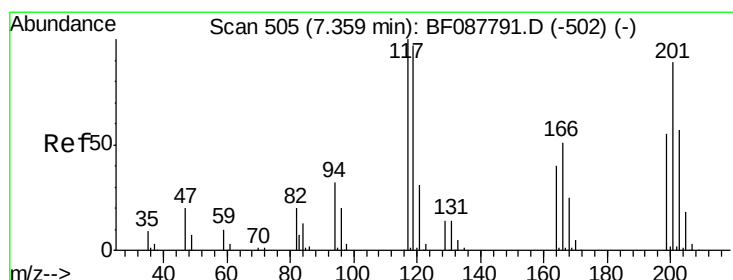
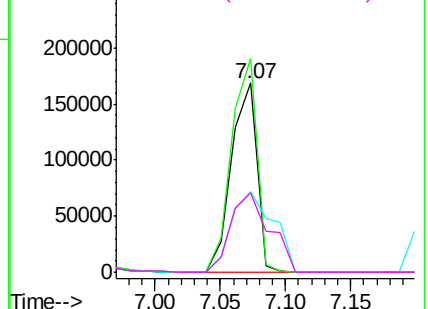
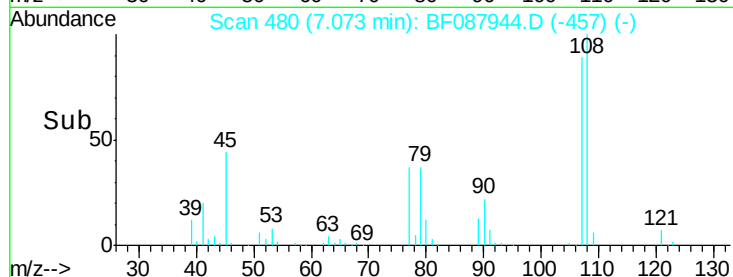


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.42 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

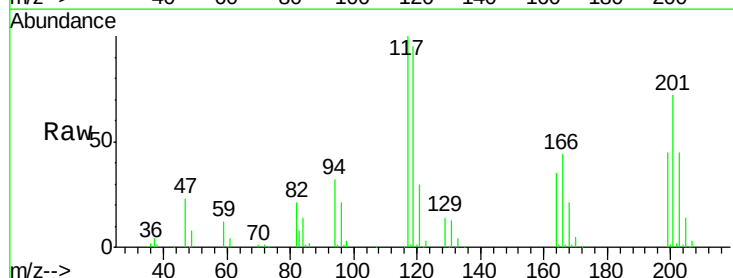
Tgt Ion:117 Resp: 123424

Ion Ratio Lower Upper

117 100

119 94.6 77.4 116.2

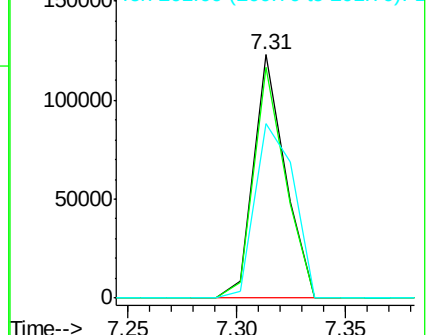
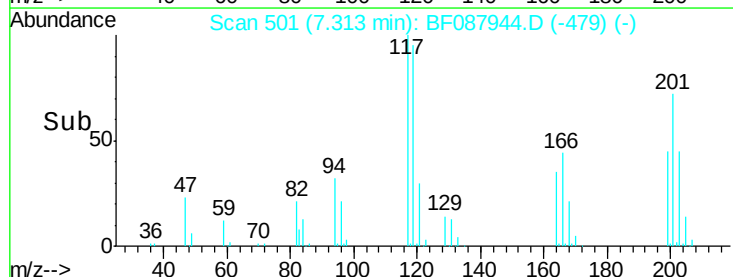
201 71.7 80.4 120.6#

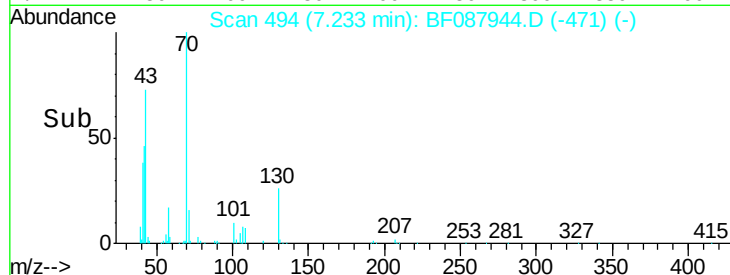
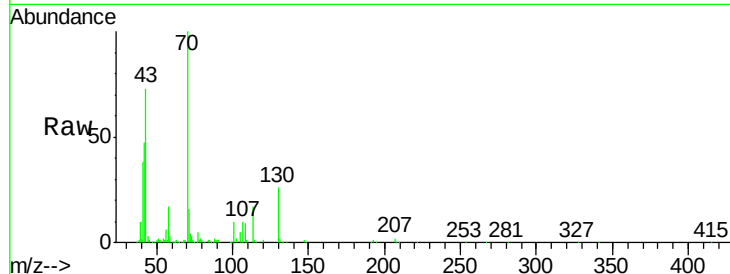
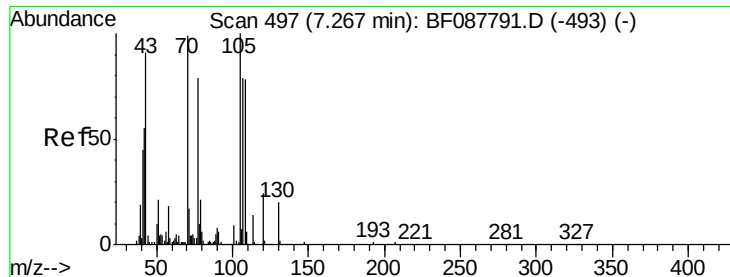


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

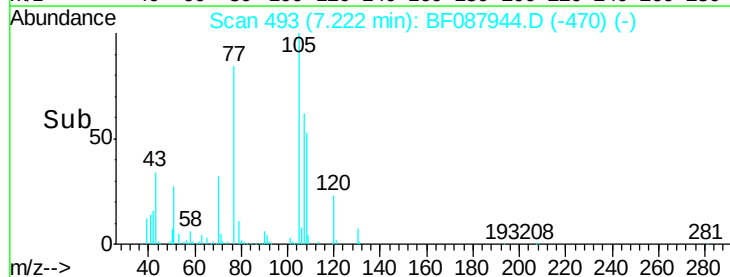
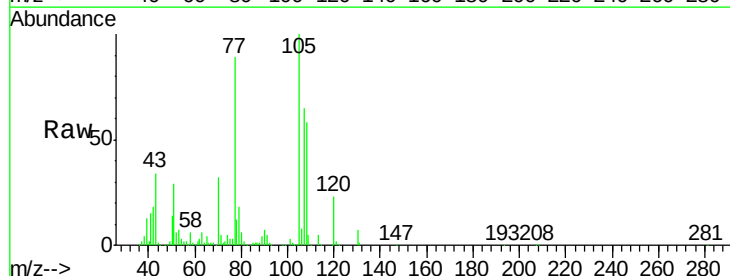
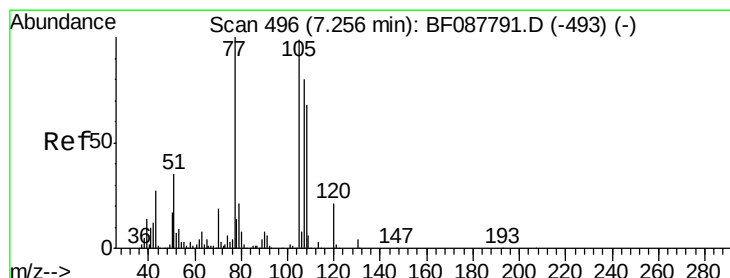
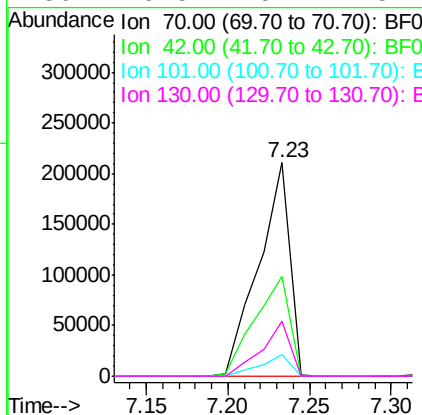




#19
n-Nitroso-di-n-propylamine
Concen: 51.18 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

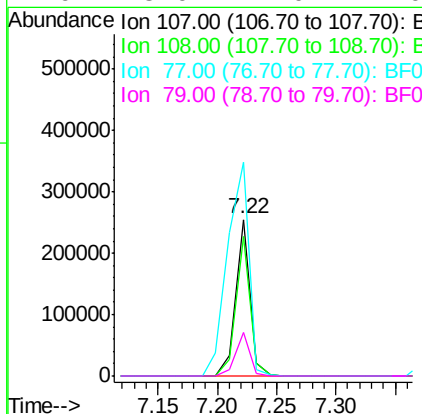
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

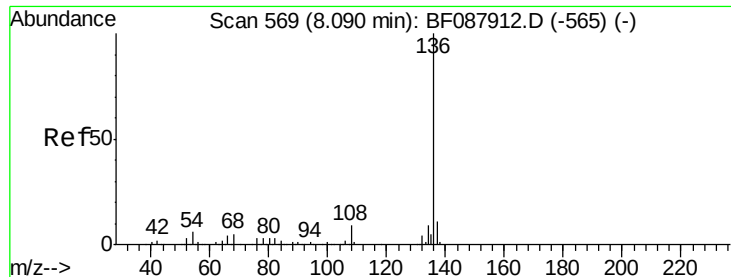
Tgt Ion:	70	Resp:	280764
Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.6	74.4#
101	10.3	7.1	10.7
130	25.5	15.4	23.2#



#20
3+4-Methylphenols
Concen: 27.19 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:	107	Resp:	215467
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.8	107.8
77	136.4	59.3	99.3#
79	28.0	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tgt Ion:136 Resp: 499151

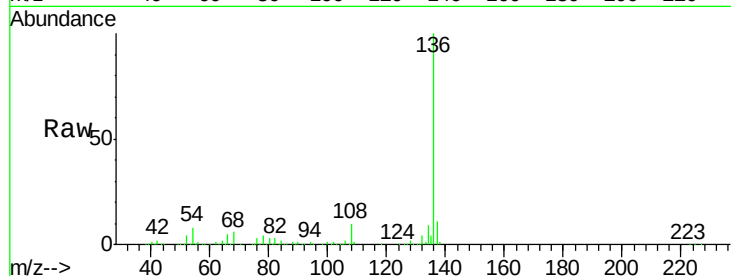
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.9 6.6 10.0

68 6.4 5.1 7.7

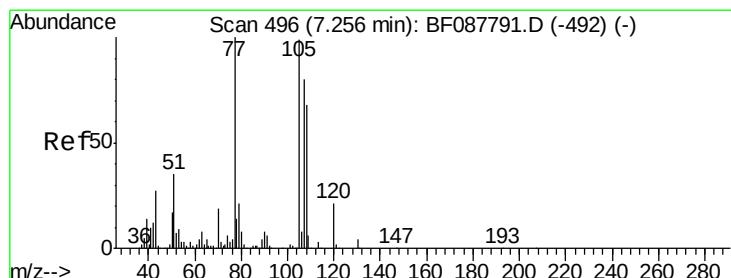
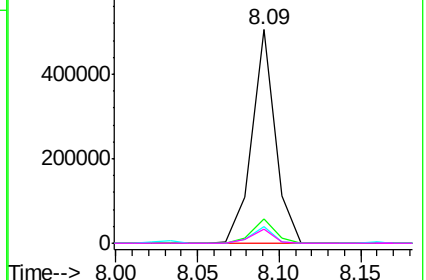
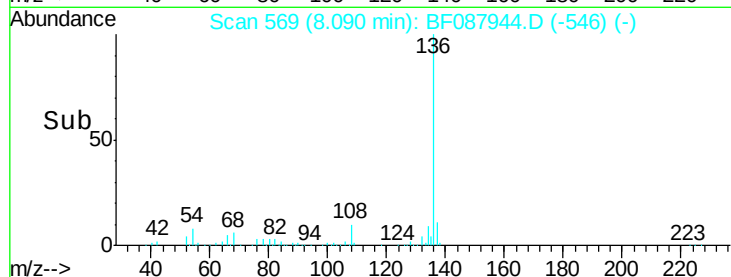


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.46 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Tgt Ion:105 Resp: 507092

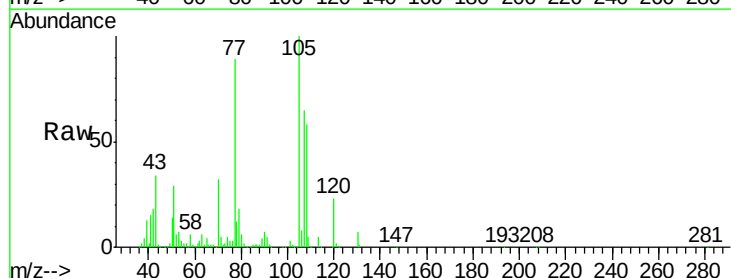
Ion Ratio Lower Upper

105 100

71 5.4 5.3 7.9

51 28.6 18.2 27.4#

120 22.7 18.0 27.0

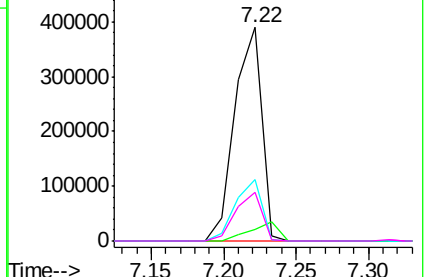
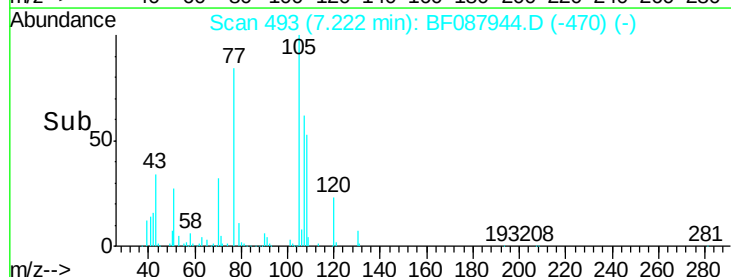


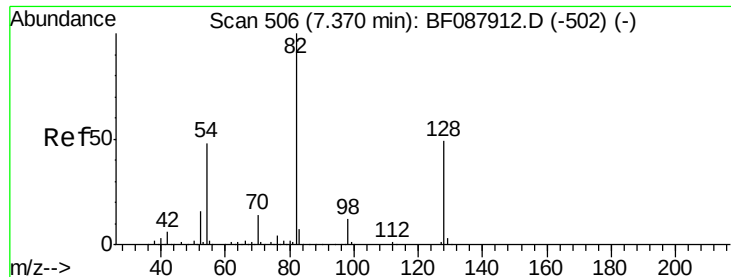
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

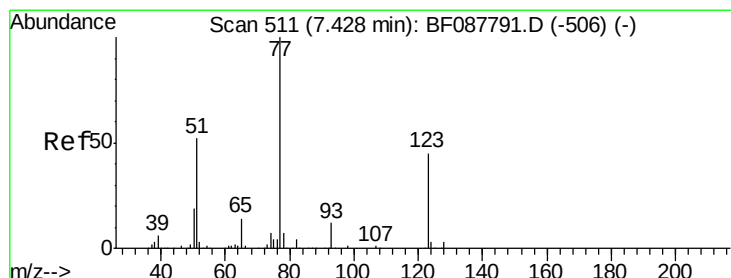
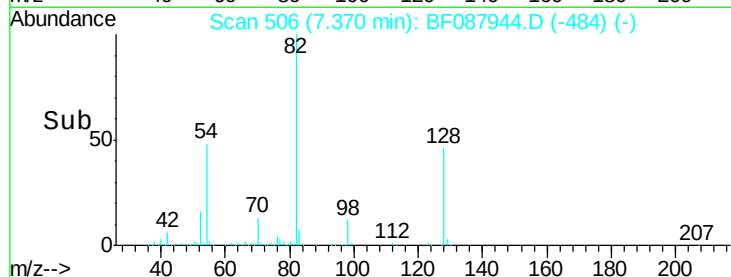
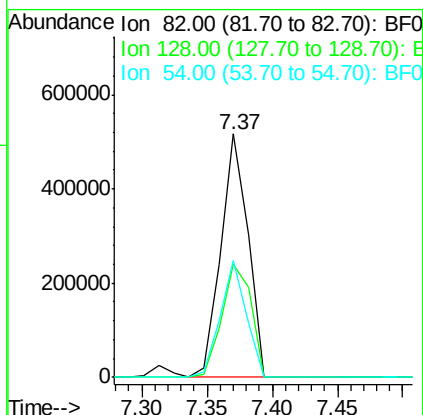
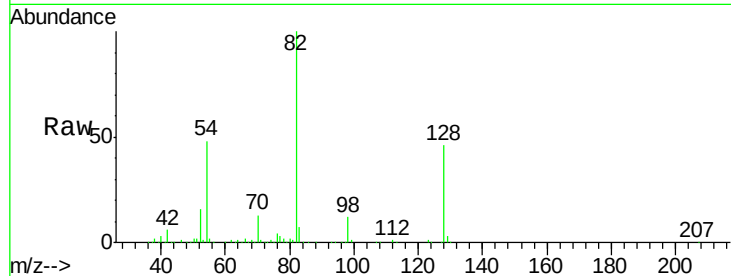




#23
 Nitrobenzene-d5
 Concen: 86.94 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

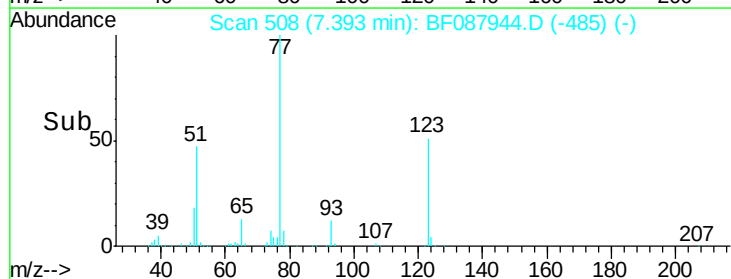
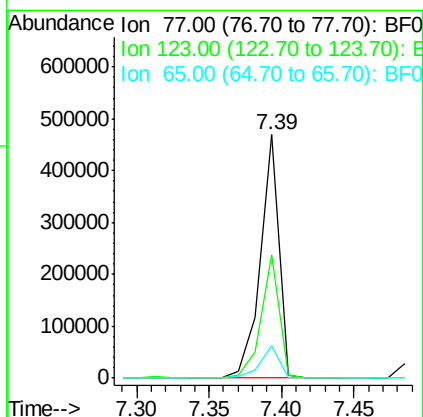
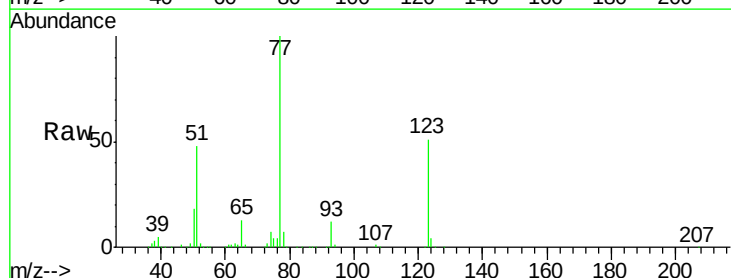
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

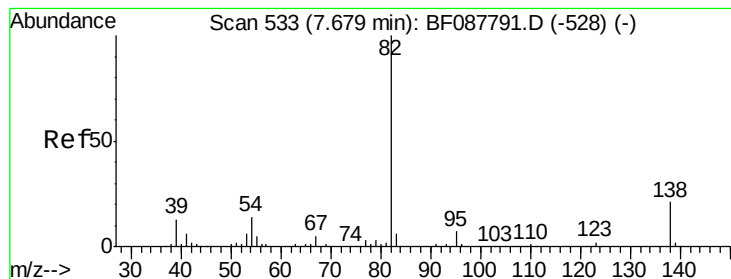
Tgt Ion: 82 Resp: 743164
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.9 53.9
 54 48.0 40.9 61.3



#24
 Nitrobenzene
 Concen: 50.31 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion: 77 Resp: 416587
 Ion Ratio Lower Upper
 77 100
 123 50.6 45.0 67.4
 65 13.3 10.2 15.2





#25

Isophorone

Concen: 45.50 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

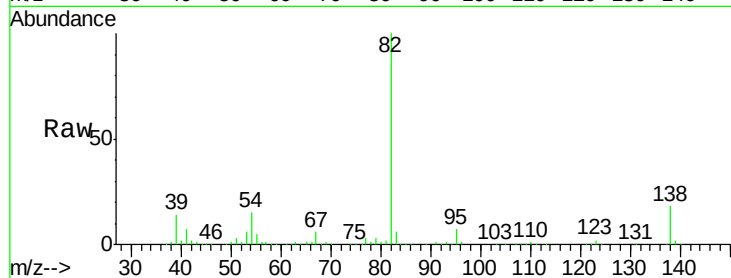
Tgt Ion: 82 Resp: 720488

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

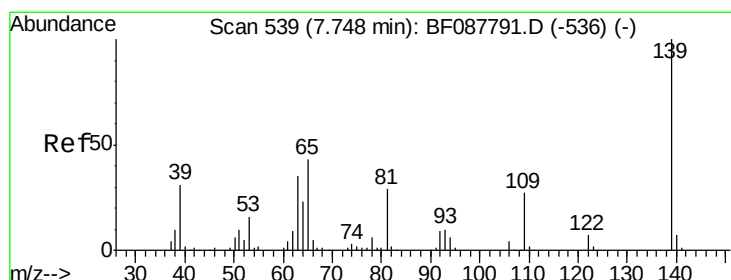
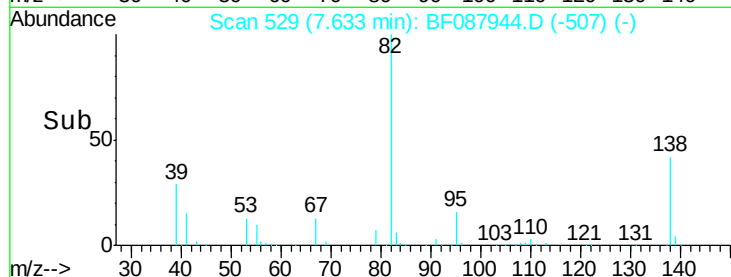
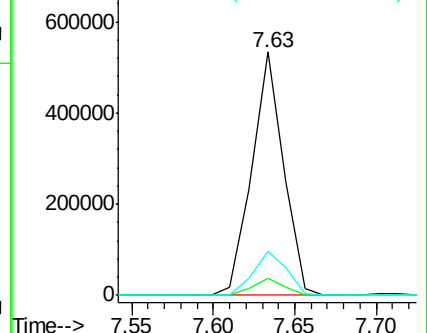
138 18.1 14.6 21.8



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: 49.19 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

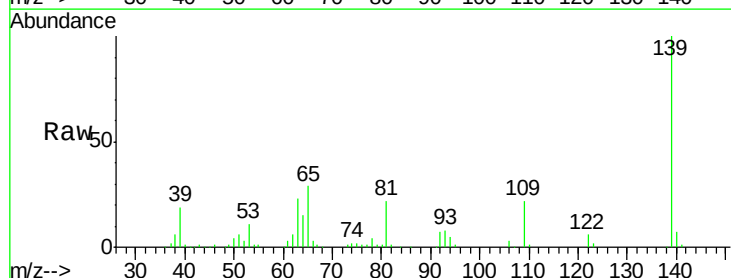
Tgt Ion: 139 Resp: 218199

Ion Ratio Lower Upper

139 100

109 22.0 23.0 34.4#

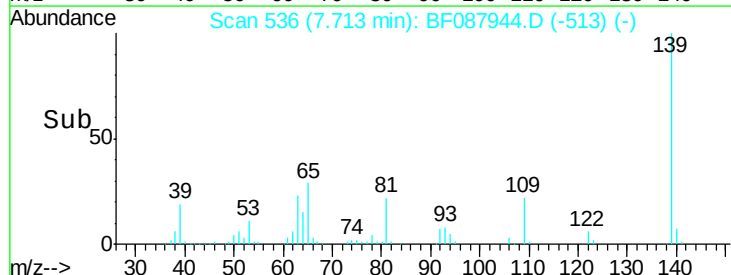
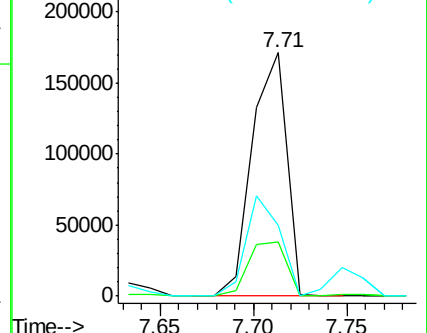
65 29.3 45.8 68.8#

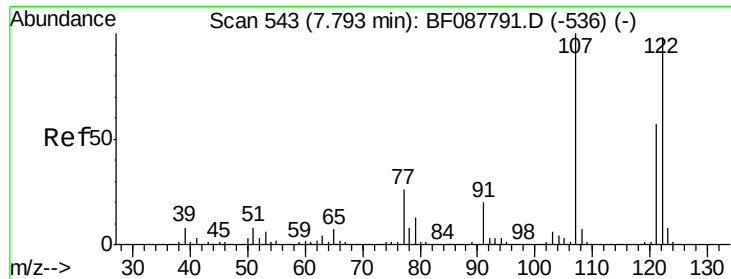


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

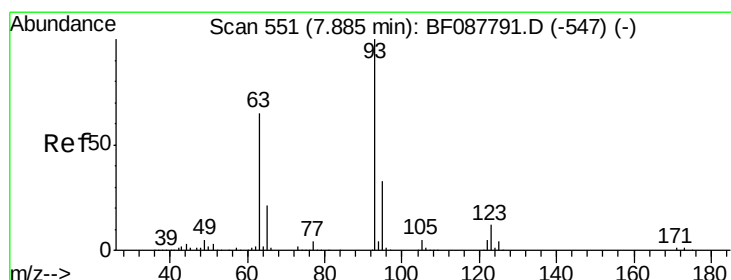
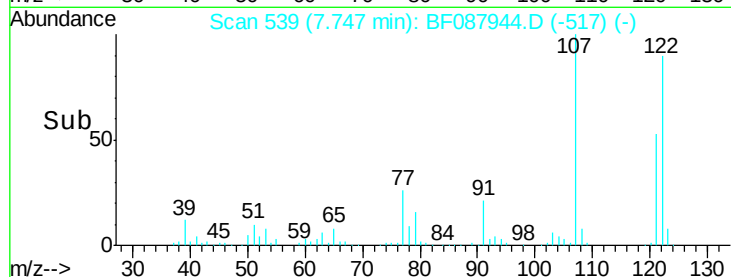
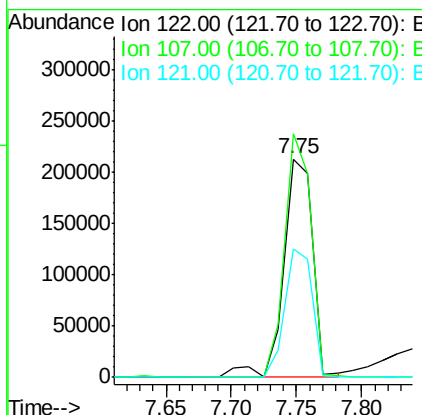
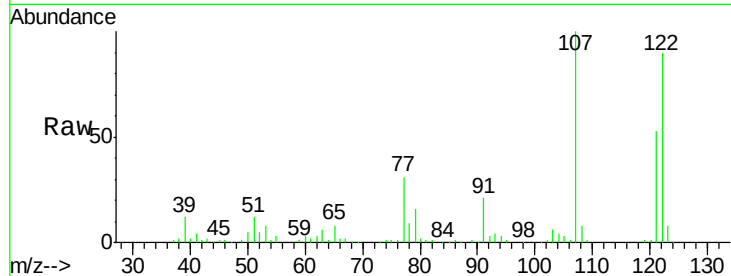




#27
2,4-Dimethylphenol
Concen: 40.92 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.05 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

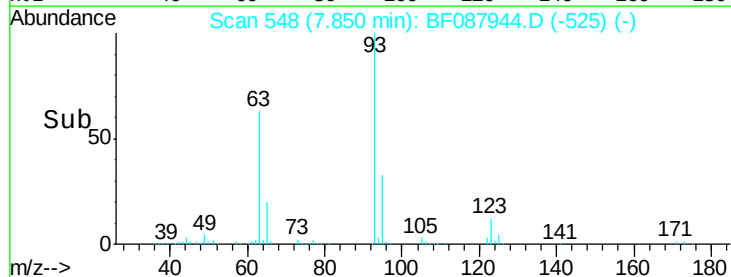
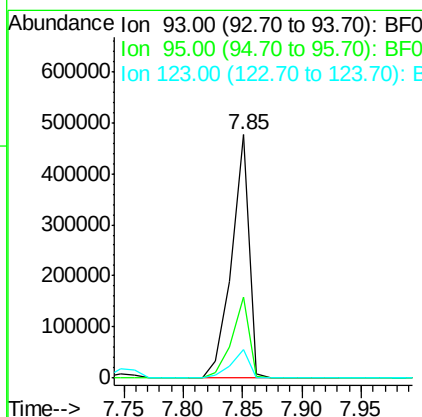
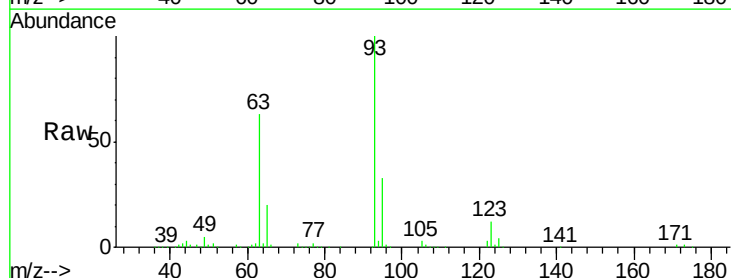
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

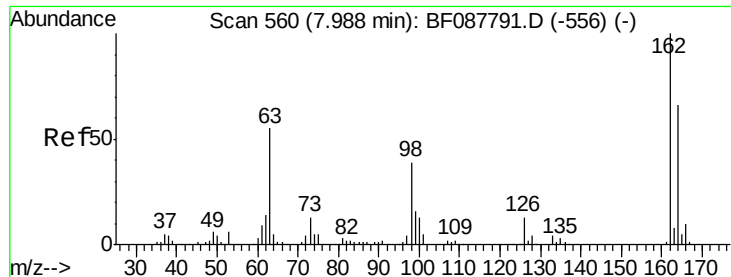
Tgt Ion: 122 Resp: 334175
Ion Ratio Lower Upper
122 100
107 111.4 82.4 123.6
121 58.8 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 49.42 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 93 Resp: 485358
Ion Ratio Lower Upper
93 100
95 33.1 26.5 39.7
123 12.0 11.6 17.4

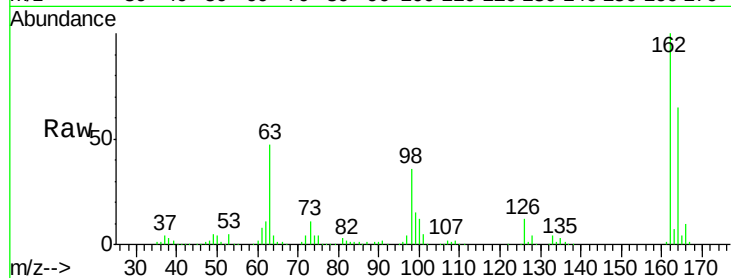




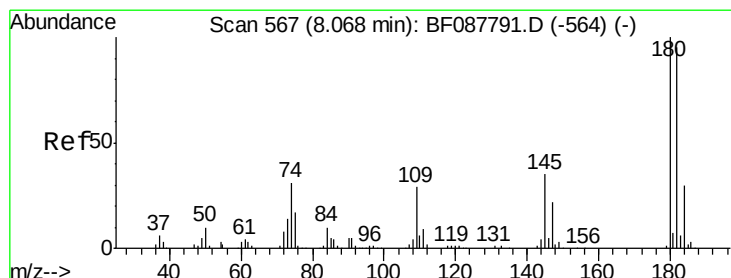
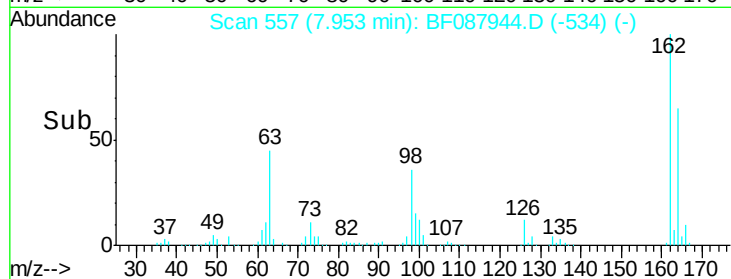
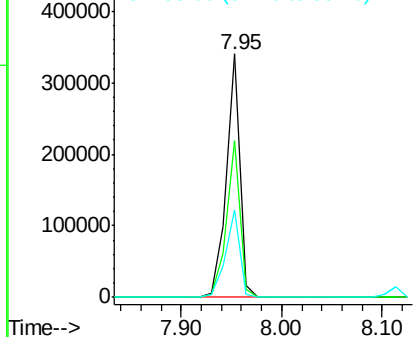
#29
 2,4-Dichlorophenol
 Concen: 46.99 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	35.8	21.3	61.3

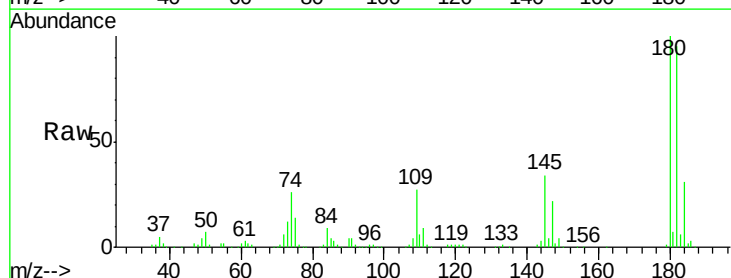


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

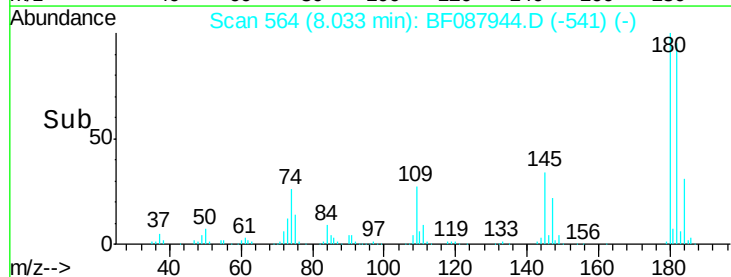
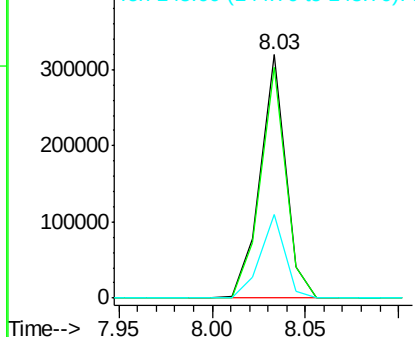


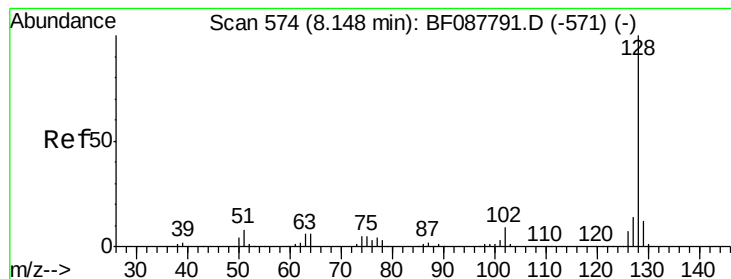
#30
 1,2,4-Trichlorobenzene
 Concen: 40.66 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	34.2	26.5	39.7



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





#31

Naphthalene

Concen: 41.13 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

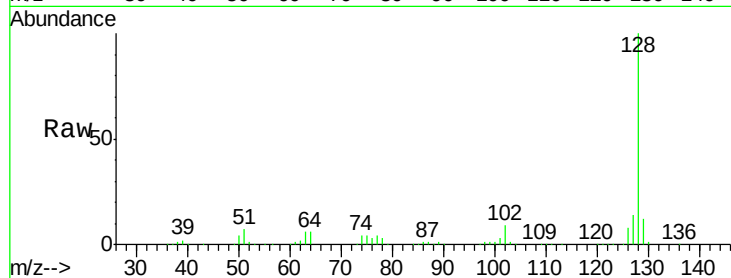
Tgt Ion:128 Resp: 1016032

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

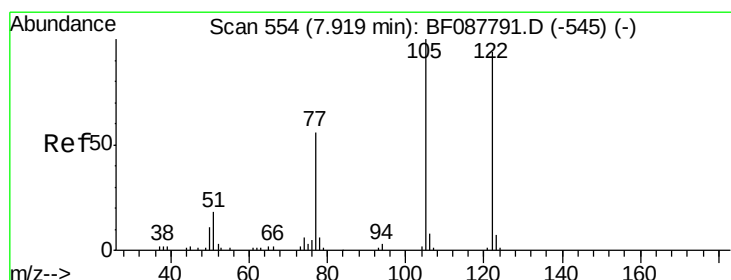
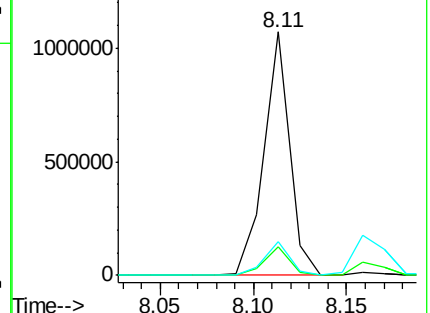
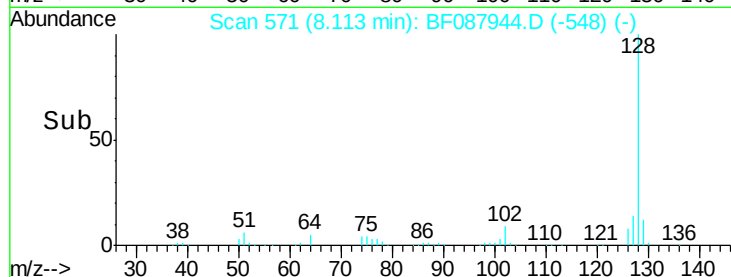
127 13.8 10.9 16.3



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: 16.49 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.08 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

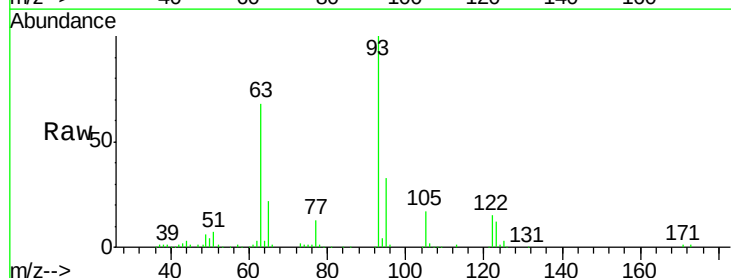
Tgt Ion:122 Resp: 74165

Ion Ratio Lower Upper

122 100

105 116.2 101.6 141.6

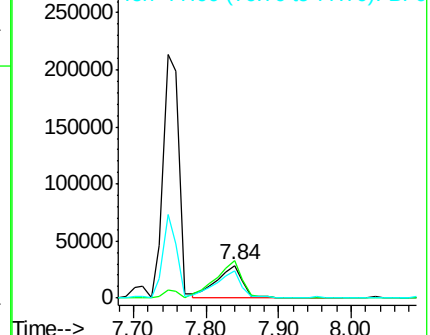
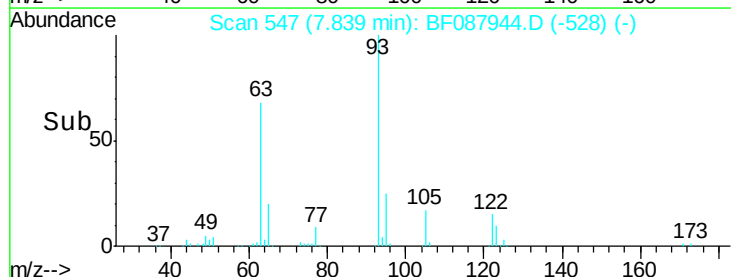
77 83.8 70.6 110.6

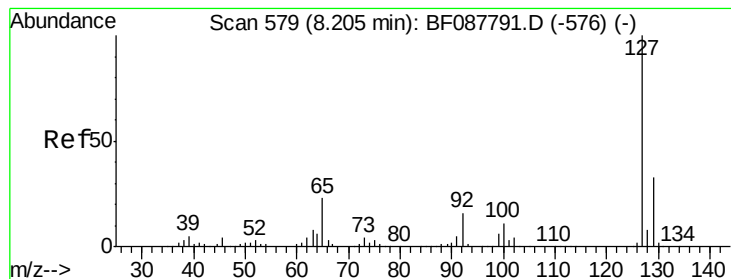


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.89 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.05 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tgt Ion:127 Resp: 219394

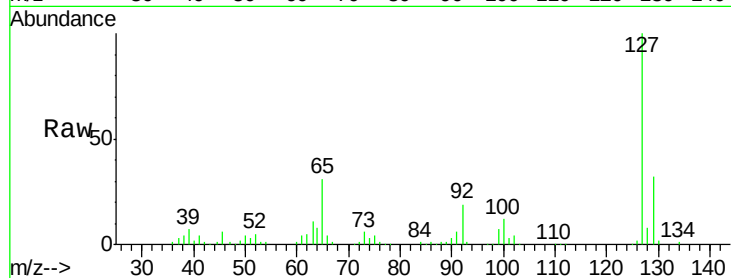
Ion Ratio Lower Upper

127 100

129 31.9 26.3 39.5

65 31.0 24.7 37.1

92 18.7 15.4 23.0

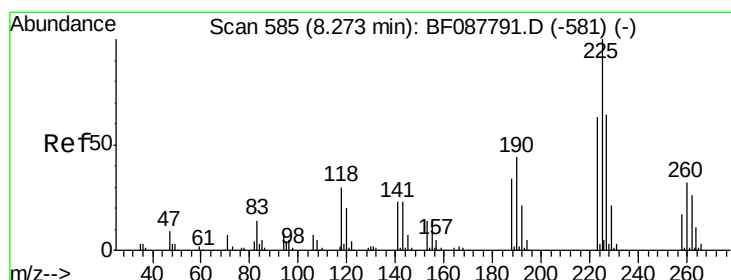
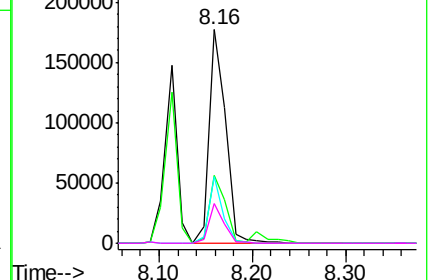
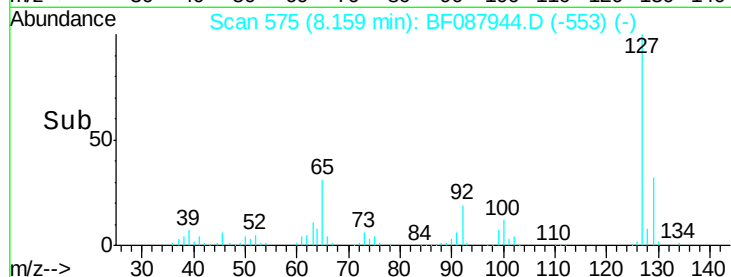


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.61 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

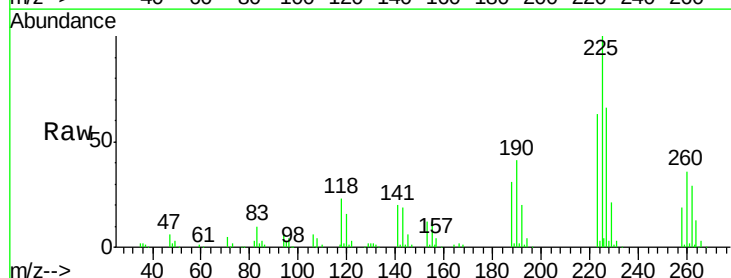
Tgt Ion:225 Resp: 155103

Ion Ratio Lower Upper

225 100

223 63.4 50.9 76.3

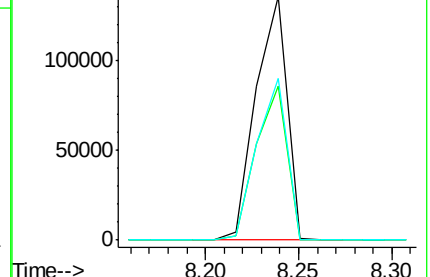
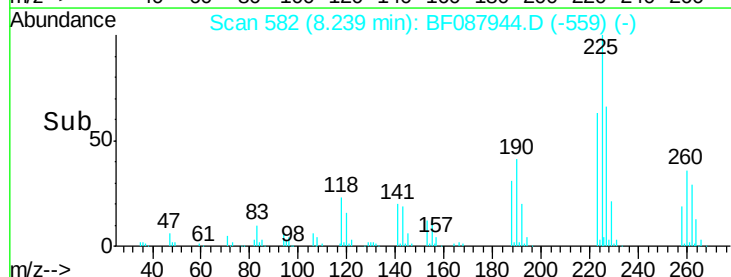
227 66.4 51.9 77.9

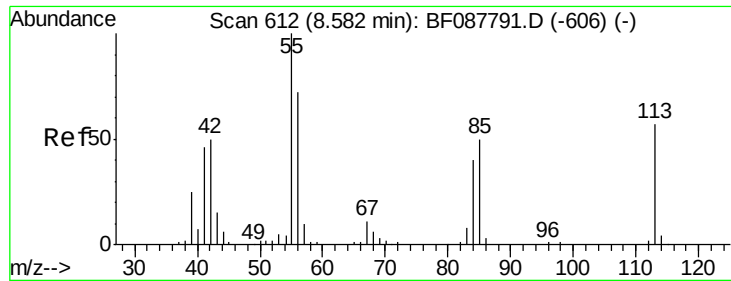


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

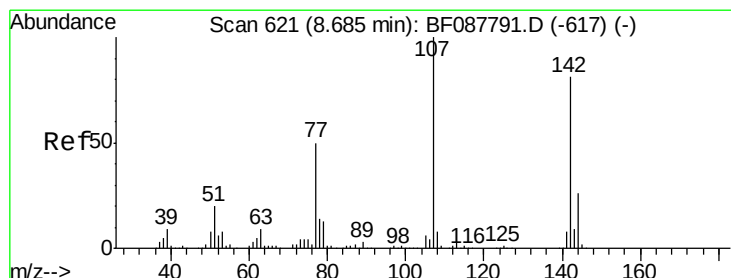
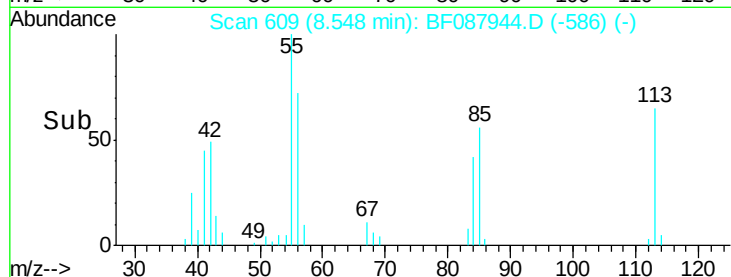
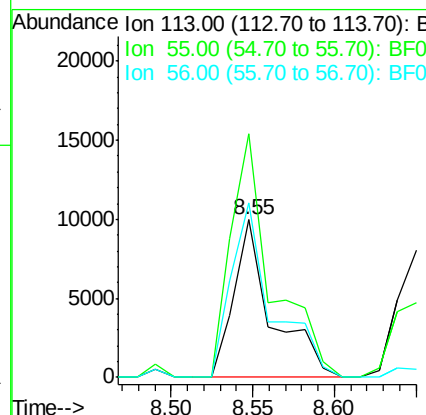
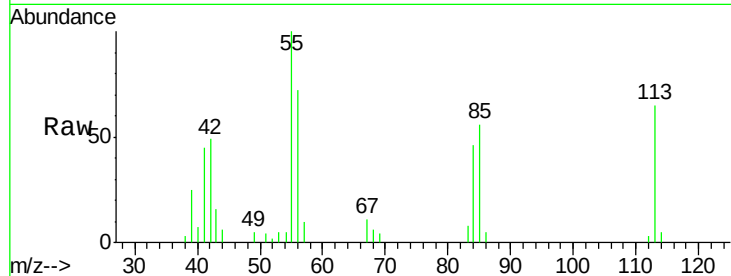




#35
 Caprolactam
 Concen: 7.19 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

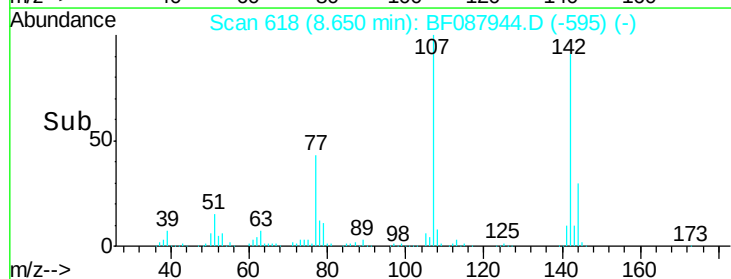
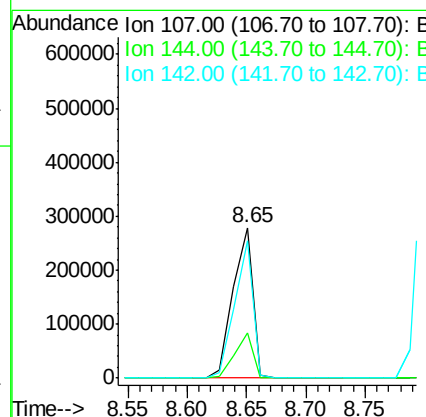
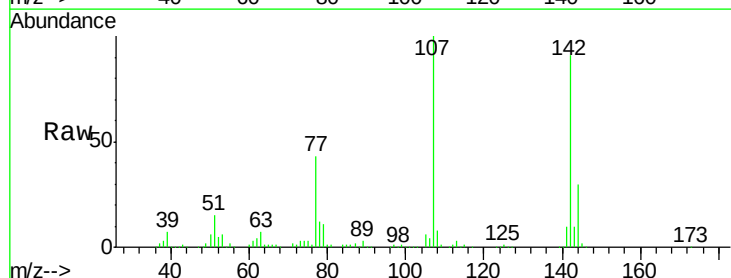
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

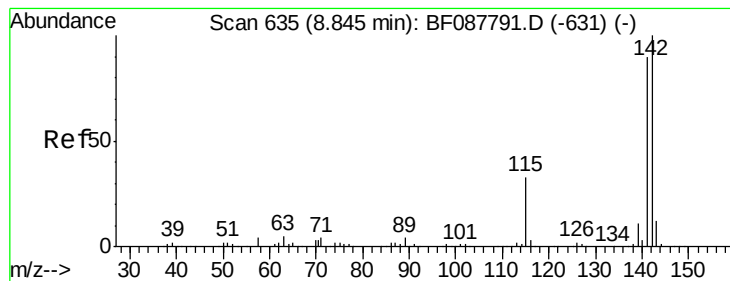
Tgt Ion:113 Resp: 16230
 Ion Ratio Lower Upper
 113 100
 55 154.5 158.6 198.6#
 56 110.6 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.41 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:107 Resp: 323823
 Ion Ratio Lower Upper
 107 100
 144 29.7 20.8 31.2
 142 91.0 63.4 95.2





#37

2-Methylnaphthalene

Concen: 45.80 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

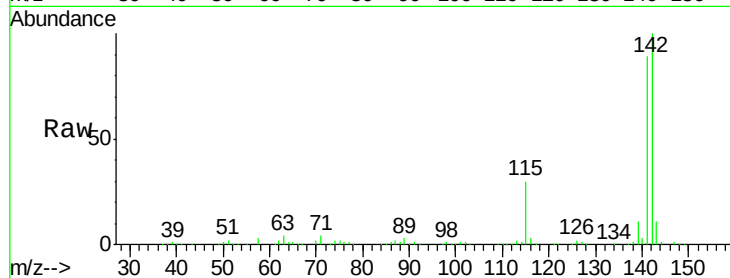
Tgt Ion:142 Resp: 745627

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

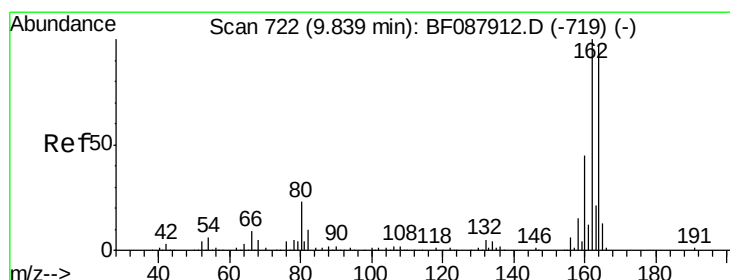
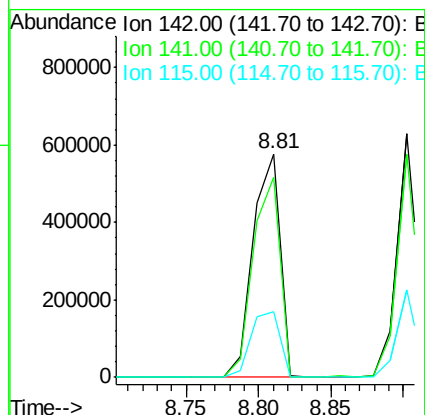
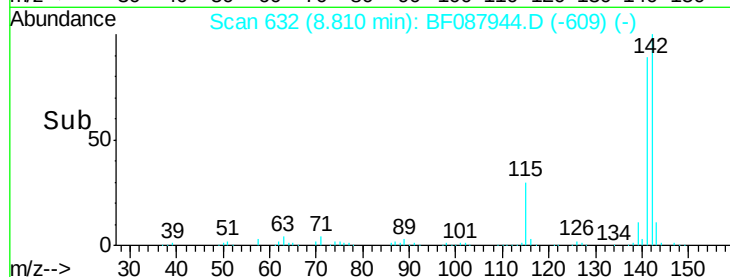
115 29.7 22.6 33.8



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: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

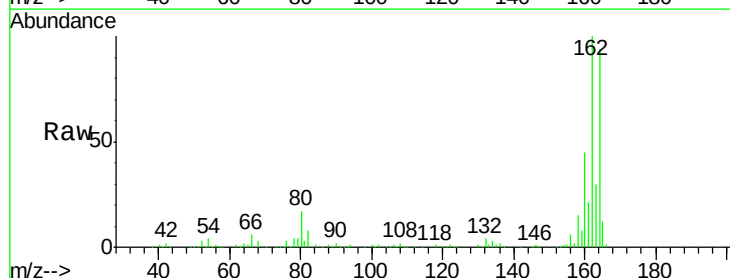
Tgt Ion:164 Resp: 250892

Ion Ratio Lower Upper

164 100

162 106.3 85.4 128.2

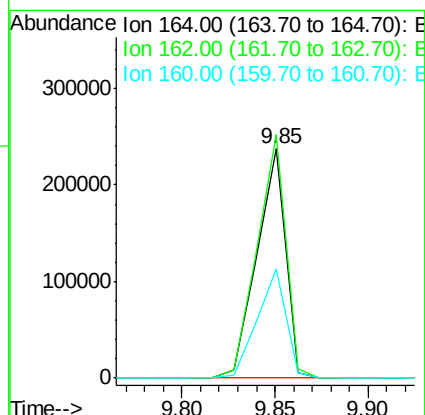
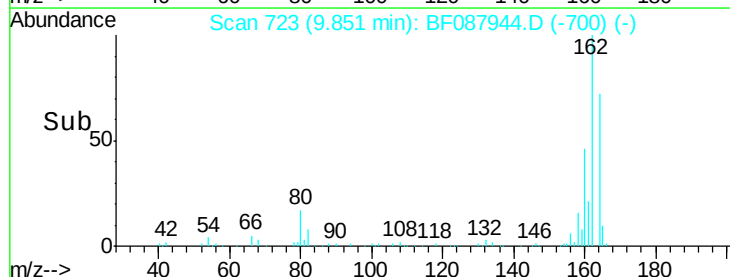
160 47.9 39.5 59.3

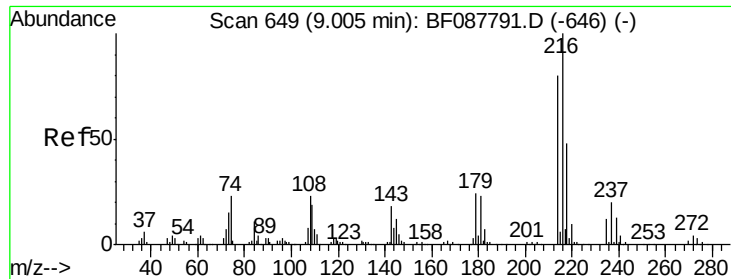


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.29 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

Tgt Ion:216 Resp: 272525

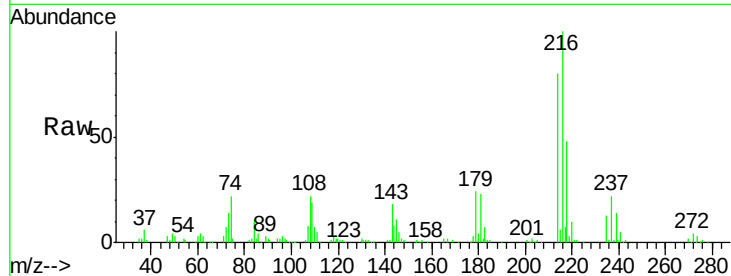
Ion Ratio Lower Upper

216 100

214 79.2 2.9 4.3#

179 22.5 0.0 0.0#

108 22.8 0.5 0.7#

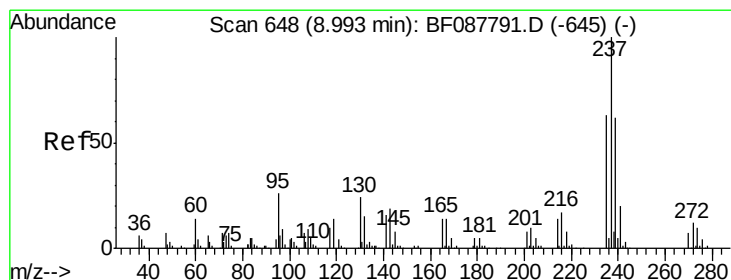
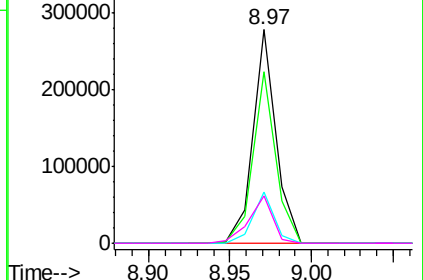
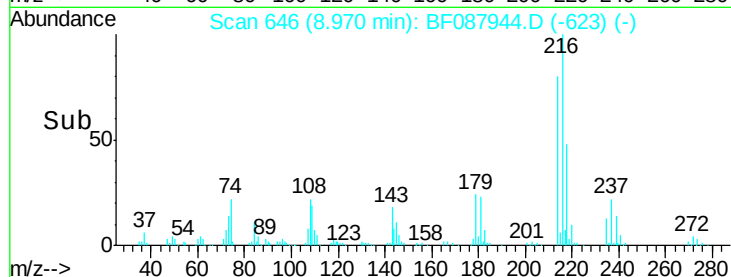


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.98 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

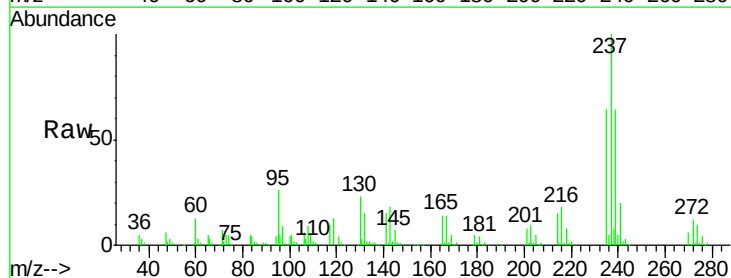
Tgt Ion:237 Resp: 238691

Ion Ratio Lower Upper

237 100

235 64.3 43.4 83.4

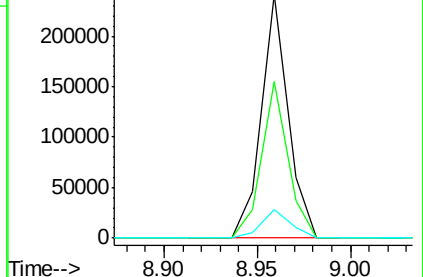
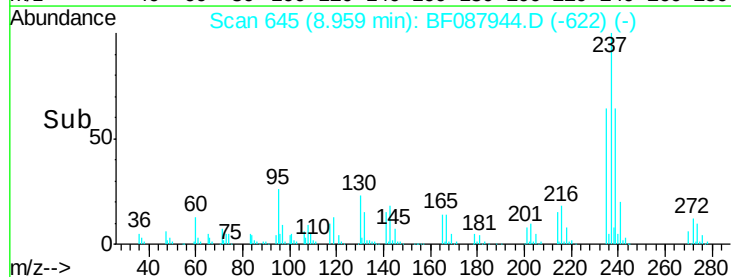
272 11.8 0.0 32.3

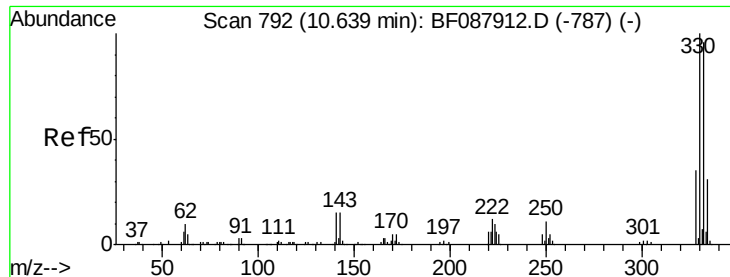


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

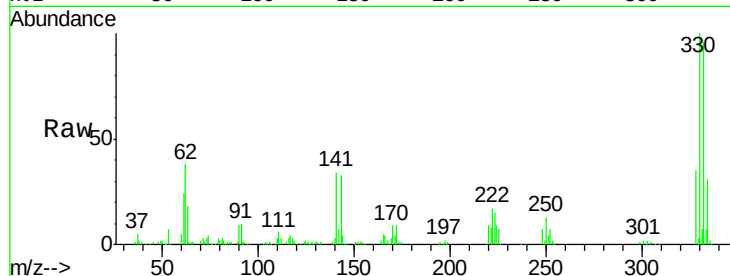




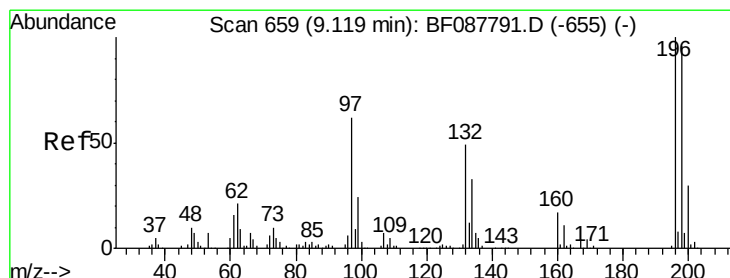
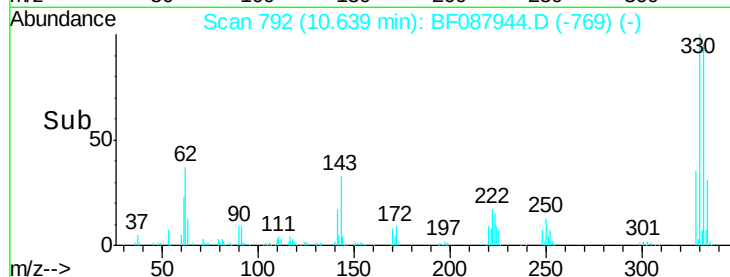
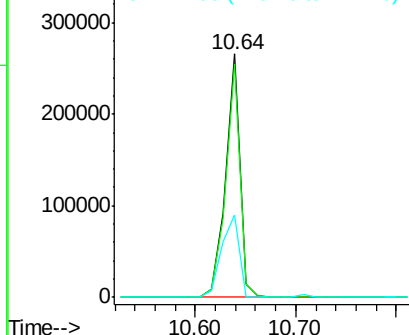
#41
 2,4,6-Tribromophenol
 Concen: 99.15 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion:330 Resp: 262659
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 41.7 0.0 0.0#

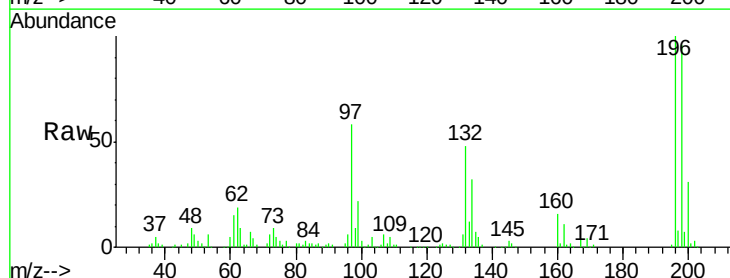


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

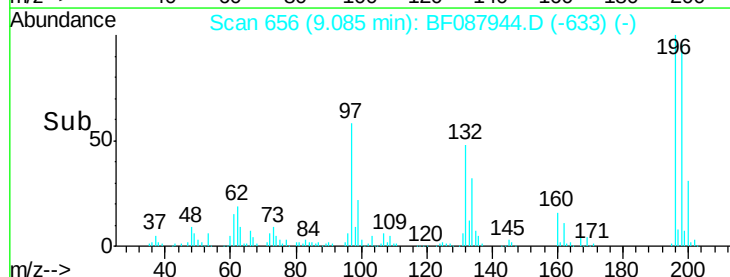
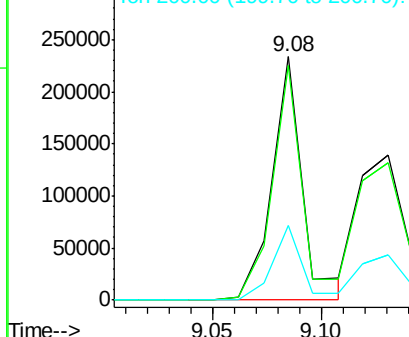


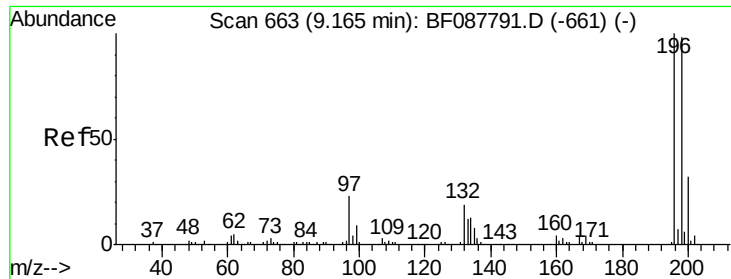
#42
 2,4,6-Trichlorophenol
 Concen: 45.77 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:196 Resp: 229653
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.0 117.0
 200 30.6 25.4 38.2



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

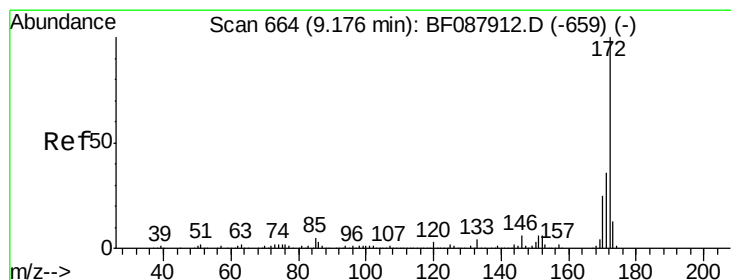
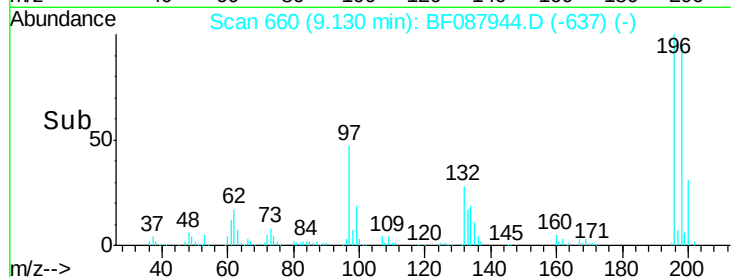
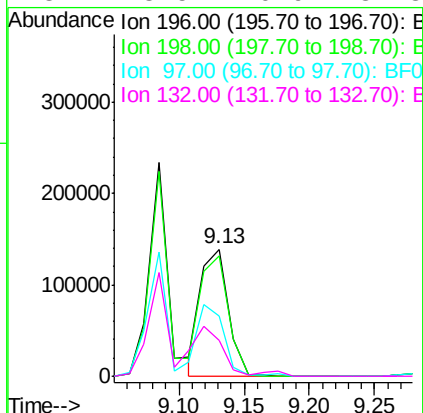
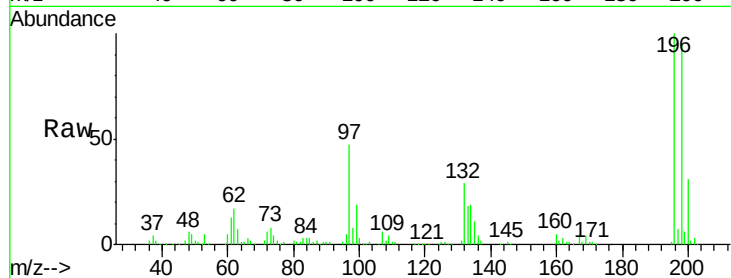




#43
 2,4,5-Trichlorophenol
 Concen: 39.94 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

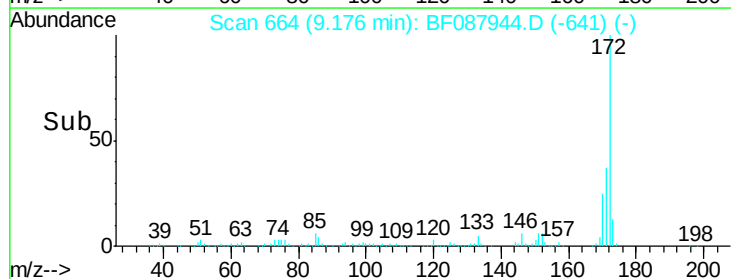
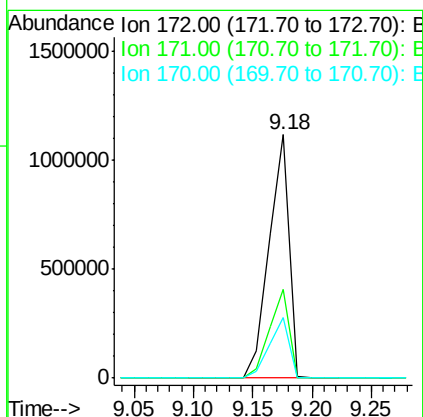
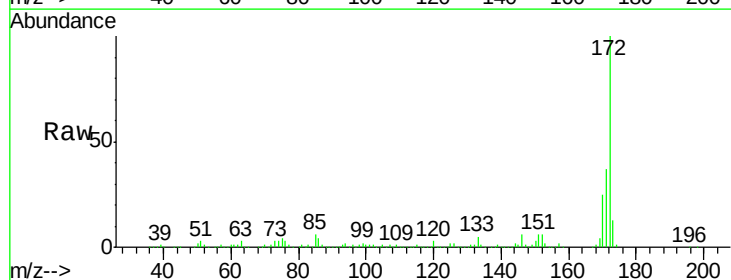
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

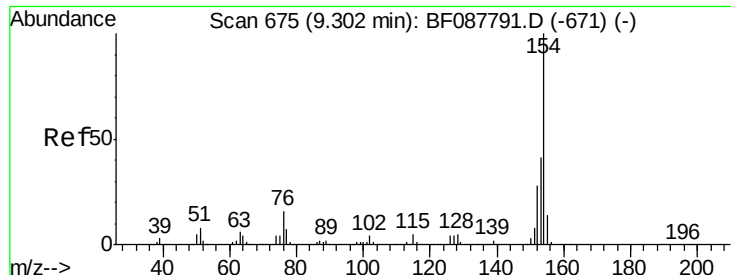
Tgt Ion:	196	Resp:	208491
Ion Ratio	Lower	Upper	
196	100		
198	94.8	77.5	116.3
97	46.9	32.0	48.0
132	28.5	20.9	31.3



#44
 2-Fluorobiphenyl
 Concen: 82.32 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:	172	Resp:	1317446
Ion Ratio	Lower	Upper	
172	100		
171	36.6	28.6	43.0
170	24.8	19.2	28.8





#45

1,1'-Biphenyl

Concen: 45.42 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

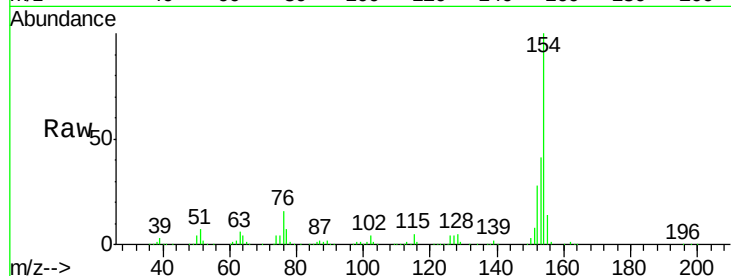
Tgt Ion:154 Resp: 854197

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

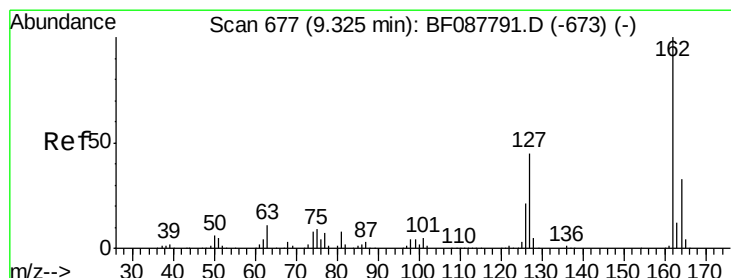
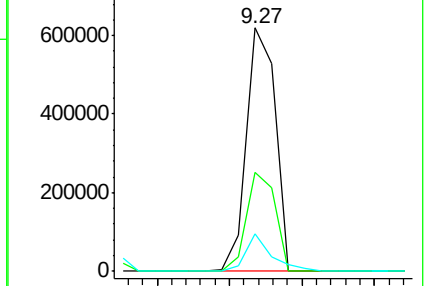
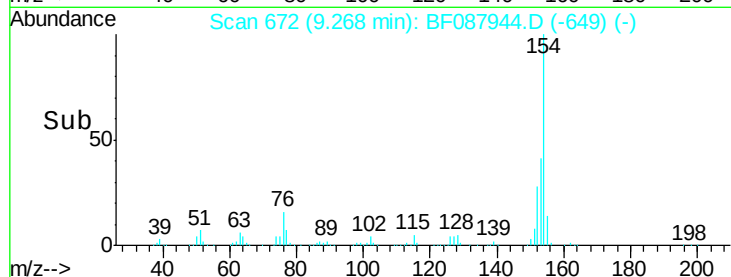
76 15.5 0.0 35.1



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: 43.06 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

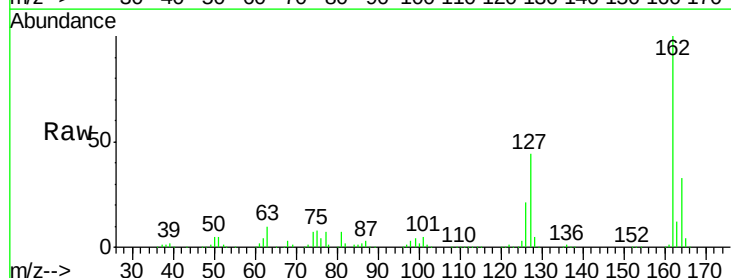
Tgt Ion:162 Resp: 699140

Ion Ratio Lower Upper

162 100

127 43.7 35.2 52.8

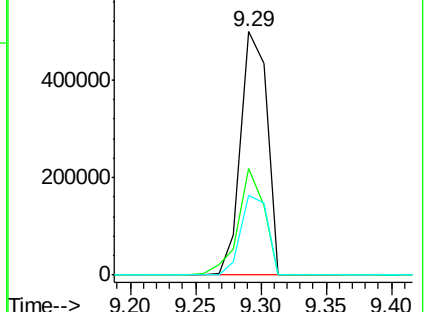
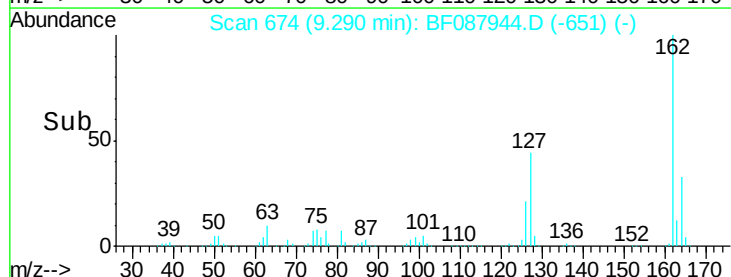
164 32.7 26.6 39.8

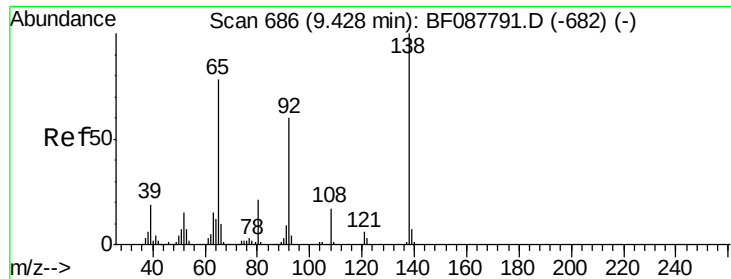


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

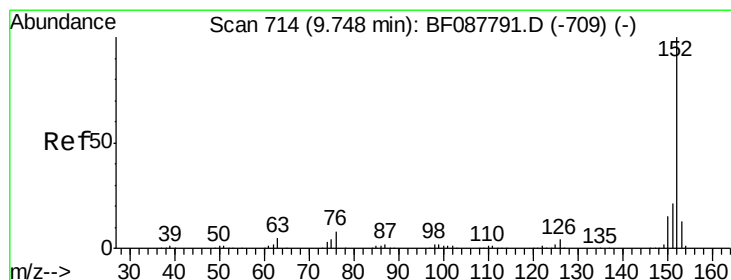
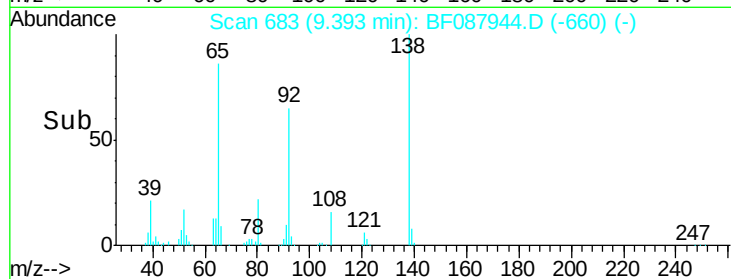
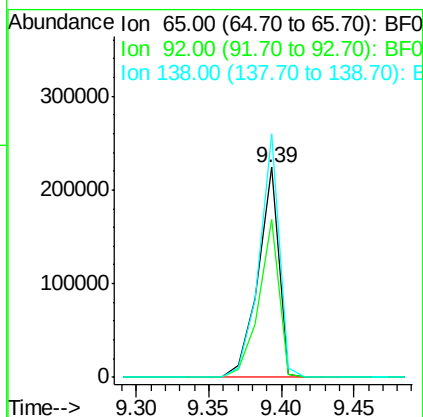
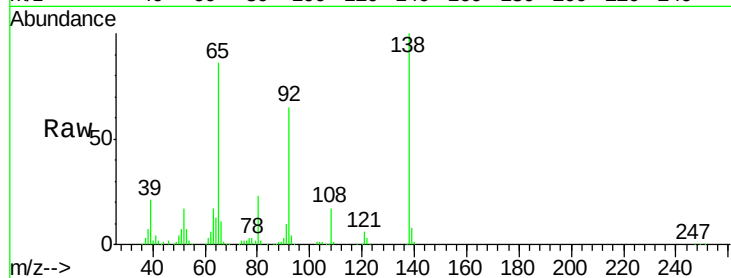




#47
2-Nitroaniline
Concen: 46.48 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

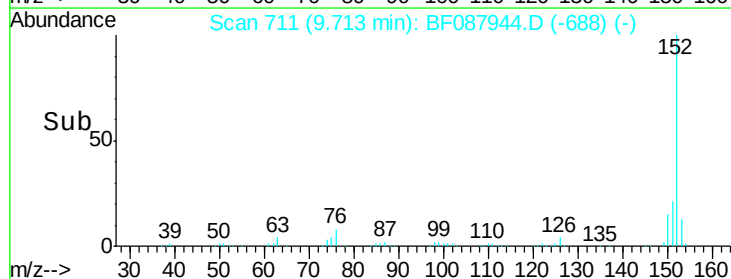
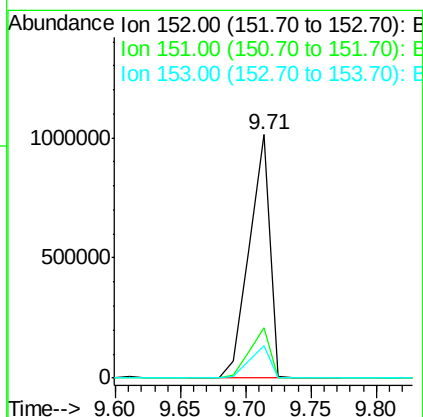
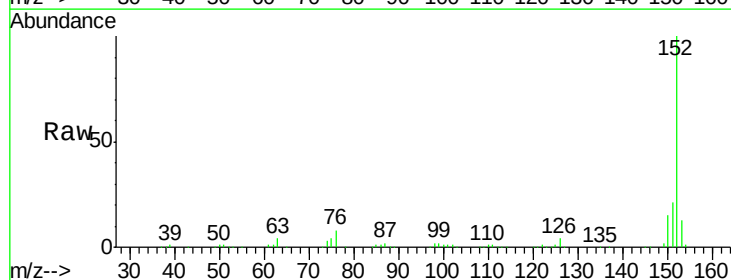
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

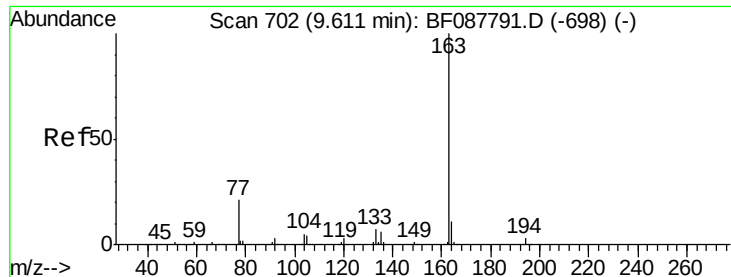
Tgt Ion: 65 Resp: 222632
Ion Ratio Lower Upper
65 100
92 75.1 54.6 82.0
138 115.9 77.0 115.4#



#48
Acenaphthylene
Concen: 43.16 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 152 Resp: 1114659
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.4 11.0 16.6

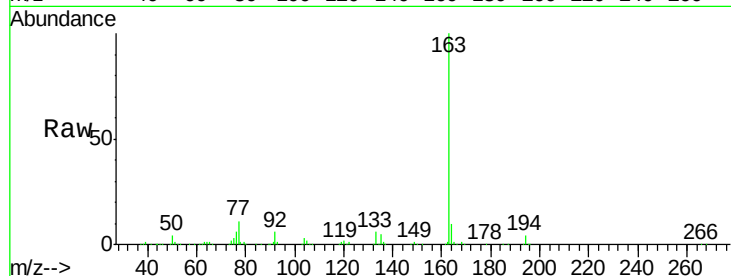




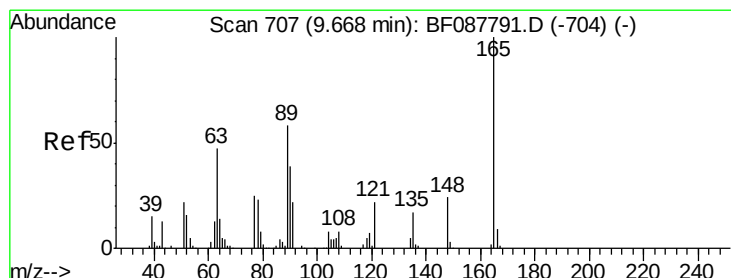
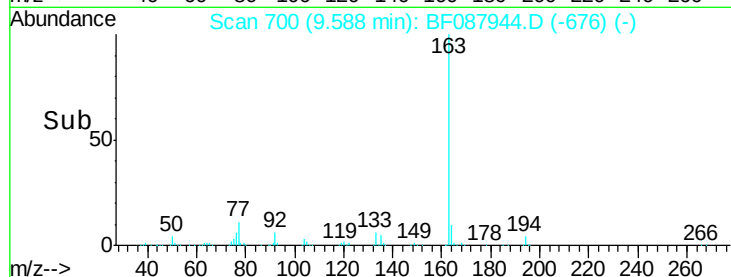
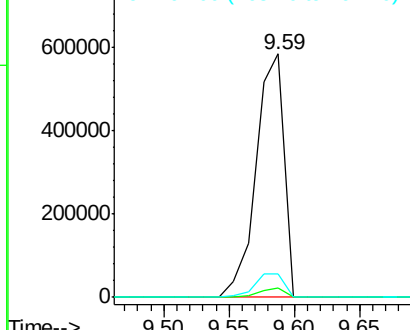
#49
Dimethylphthalate
Concen: 47.91 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.9	8.3	12.5

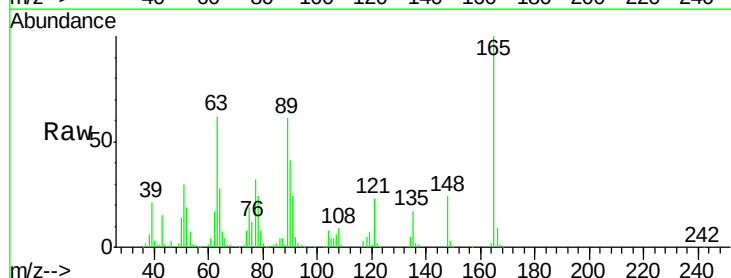


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

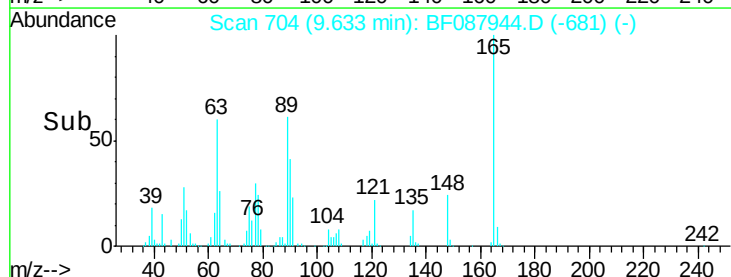
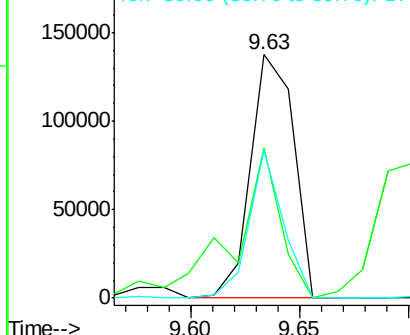


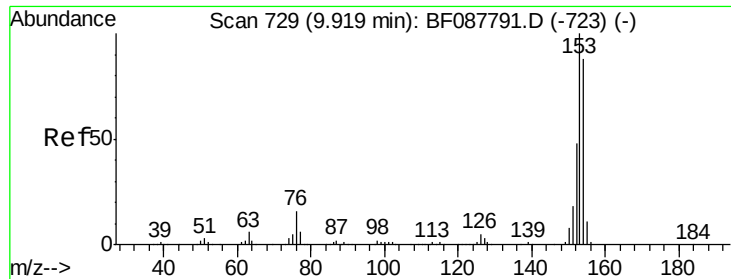
#50
2,6-Dinitrotoluene
Concen: 45.72 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	28.1	42.1#
89	60.8	32.2	48.2#



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

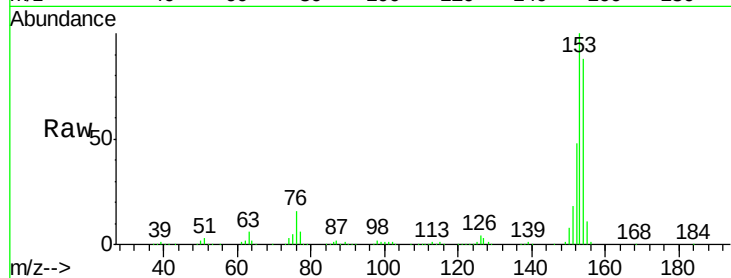




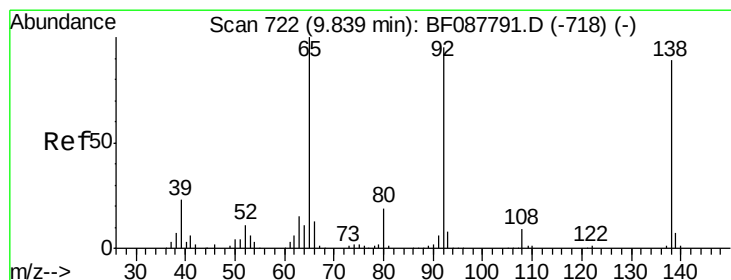
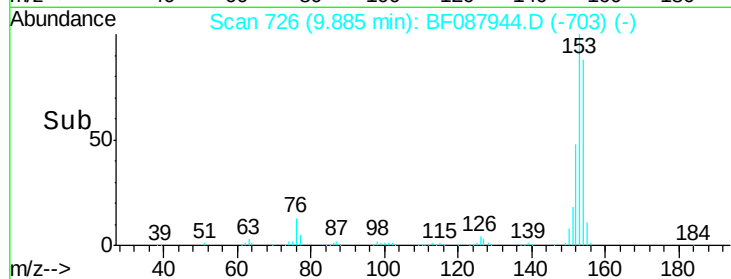
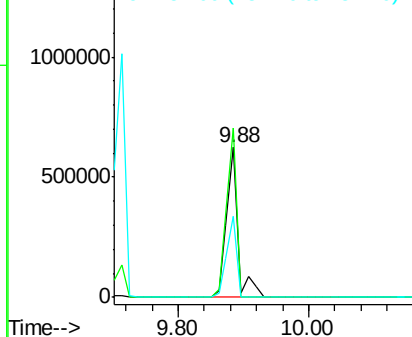
#51
Acenaphthene
Concen: 47.34 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Tgt Ion:154 Resp: 762699
Ion Ratio Lower Upper
154 100
153 113.0 89.5 134.3
152 54.4 42.7 64.1

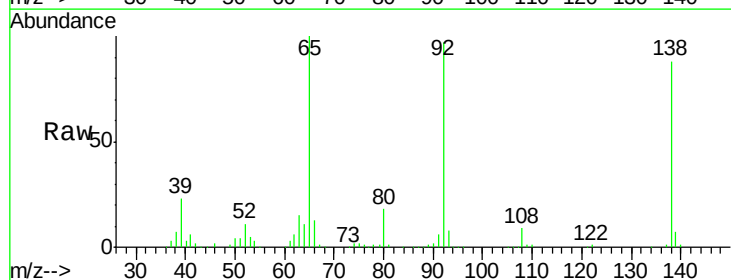


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

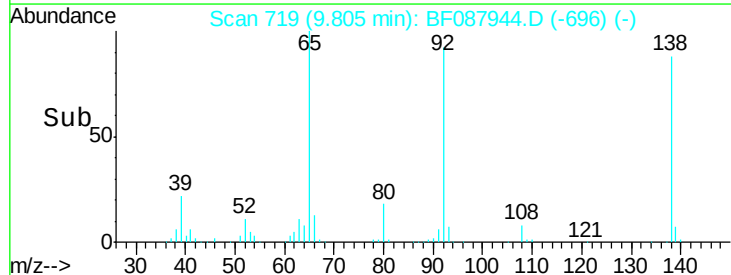
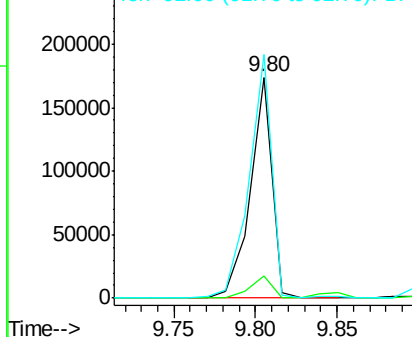


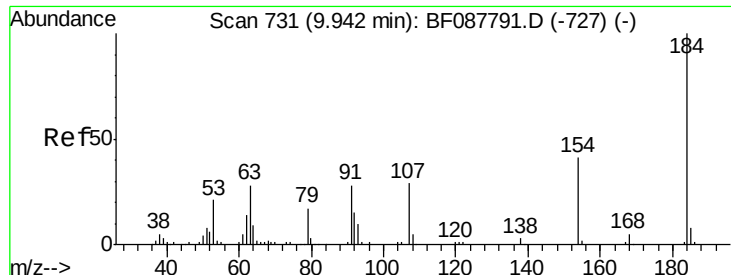
#52
3-Nitroaniline
Concen: 33.22 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:138 Resp: 159570
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 110.3 95.7 143.5



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

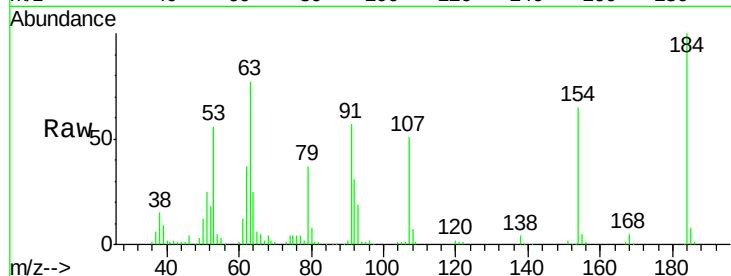




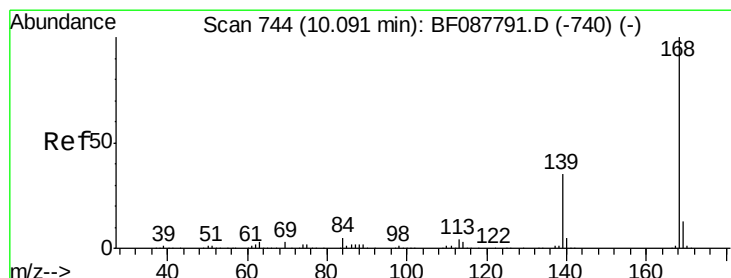
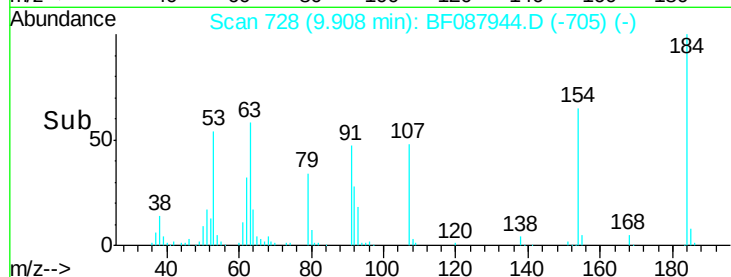
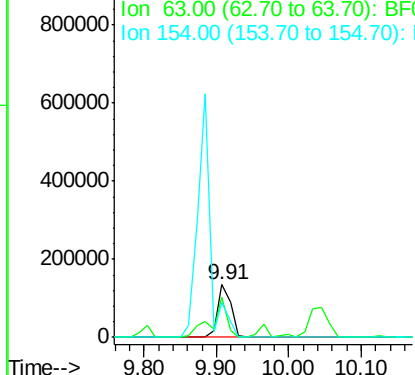
#53
 2,4-Dinitrophenol
 Concen: 77.25 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion:184 Resp: 174639
 Ion Ratio Lower Upper
 184 100
 63 76.6 57.6 86.4
 154 65.1 53.5 80.3

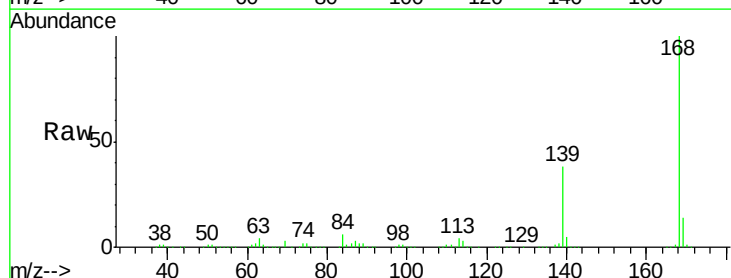


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

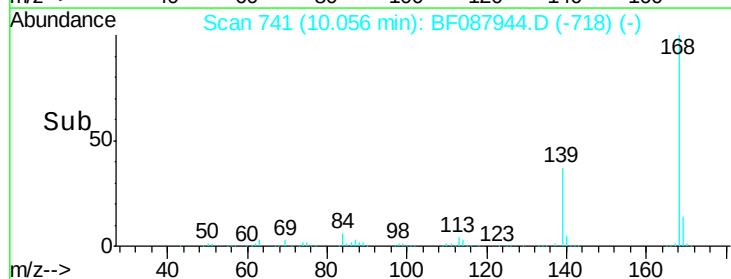
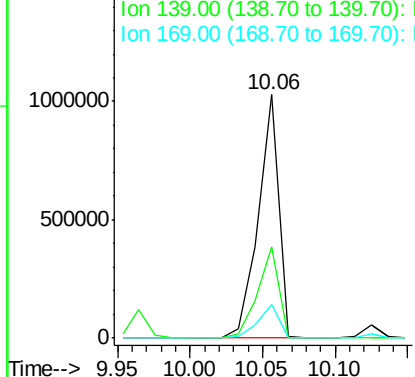


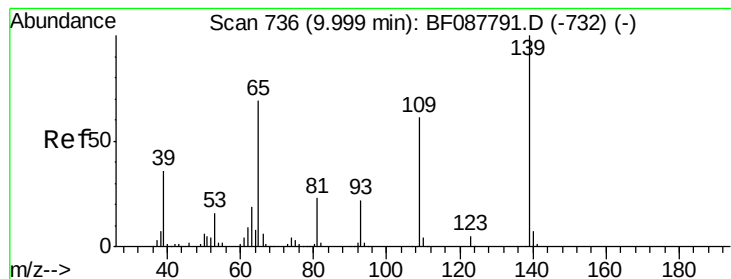
#54
 Dibenzofuran
 Concen: 45.39 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:168 Resp: 1006952
 Ion Ratio Lower Upper
 168 100
 139 37.7 26.4 39.6
 169 13.7 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 28.76 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

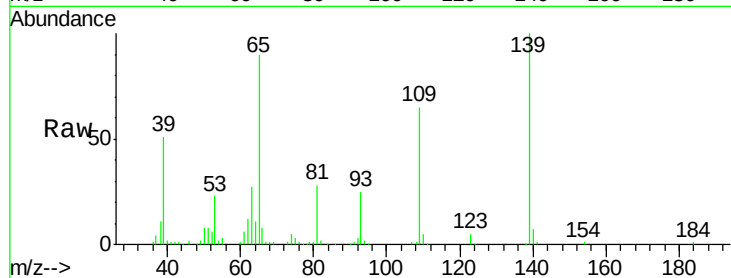
Tgt Ion:139 Resp: 107201

Ion Ratio Lower Upper

139 100

109 64.9 48.9 88.9

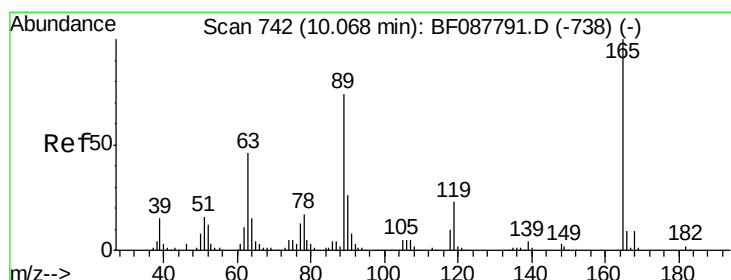
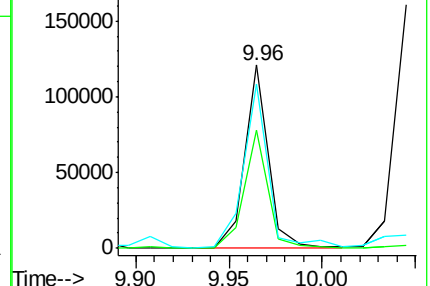
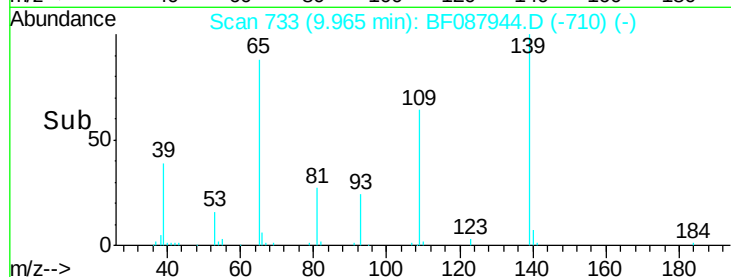
65 89.9 84.9 124.9



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): E



#56

2,4-Dinitrotoluene

Concen: 51.90 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Tgt Ion:165 Resp: 277632

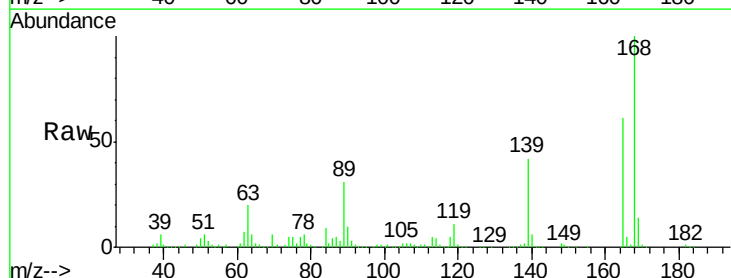
Ion Ratio Lower Upper

165 100

63 32.3 22.0 33.0

89 51.5 41.1 61.7

182 2.4 2.0 3.0

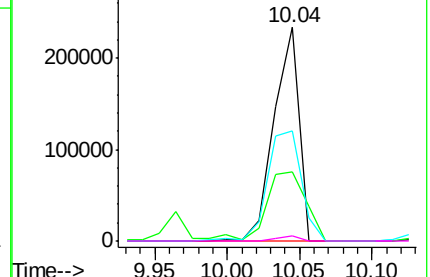
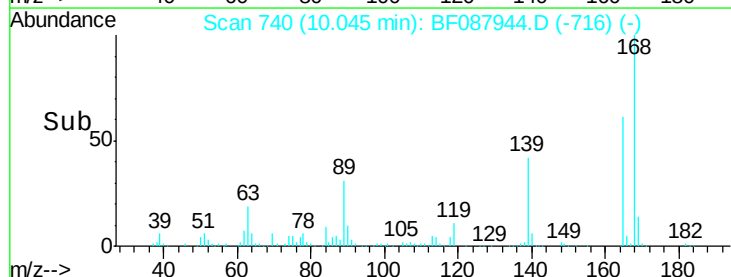


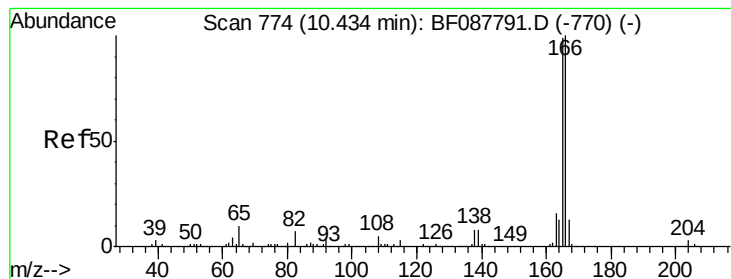
Abundance Ion 165.00 (164.70 to 165.70): E

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: 50.36 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

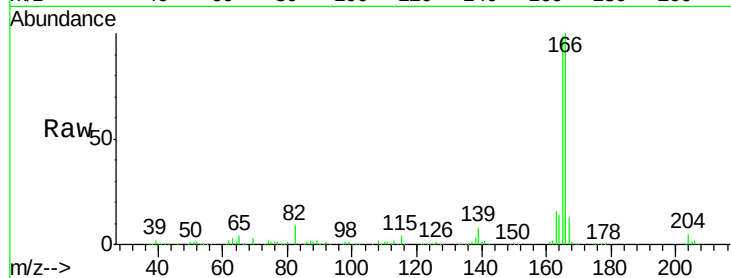
Tgt Ion:166 Resp: 746399

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

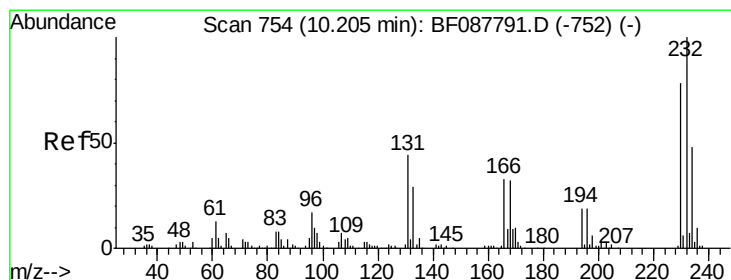
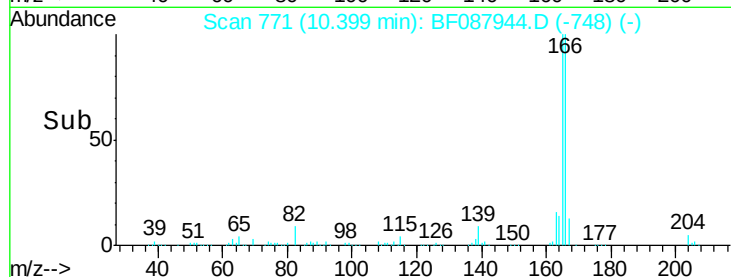
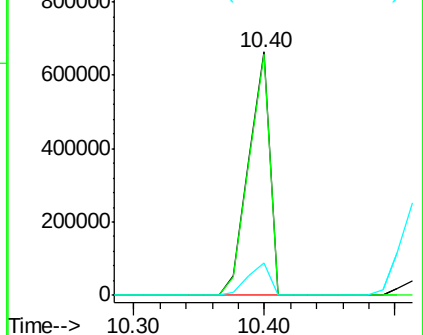
167 13.1 11.2 16.8



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: 45.17 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Tgt Ion:232 Resp: 185277

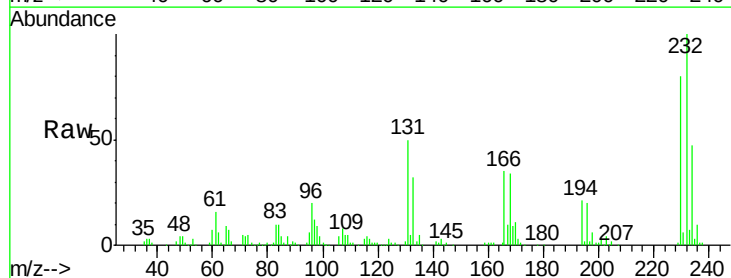
Ion Ratio Lower Upper

232 100

131 52.5 0.9 1.3#

130 2.4 1.5 2.3#

166 35.3 0.5 0.7#

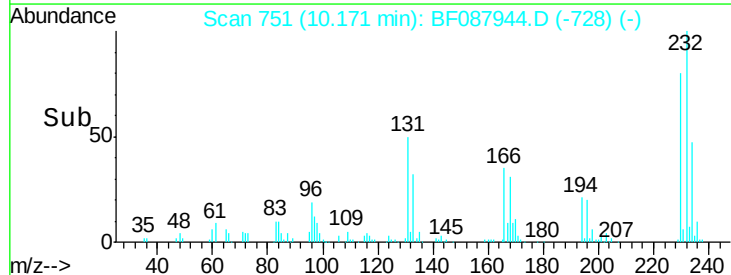
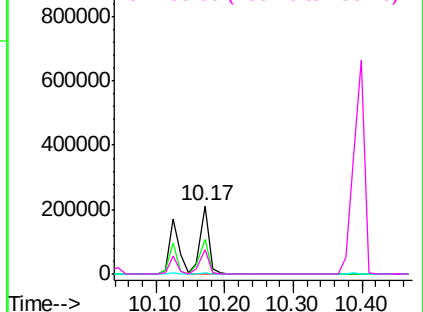


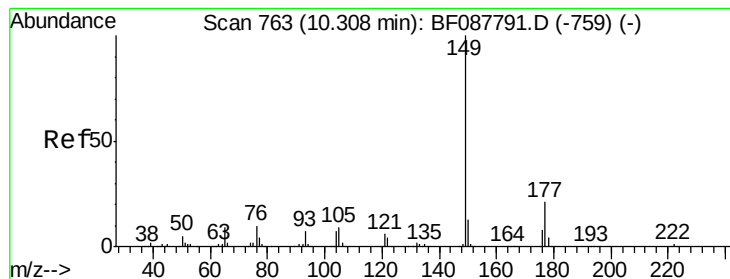
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.55 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

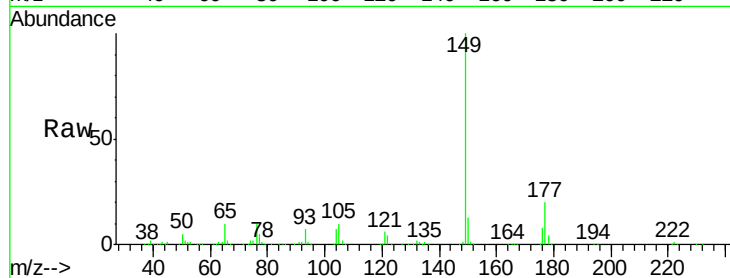
Tgt Ion:149 Resp: 782688

Ion Ratio Lower Upper

149 100

177 20.3 16.9 25.3

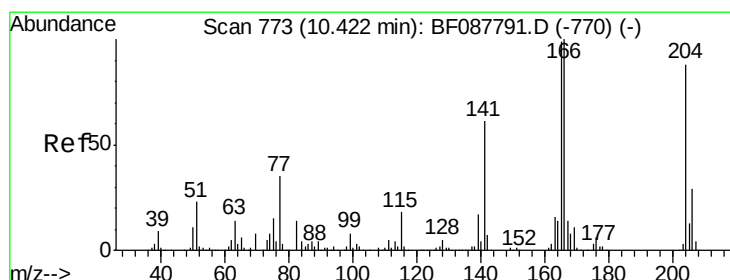
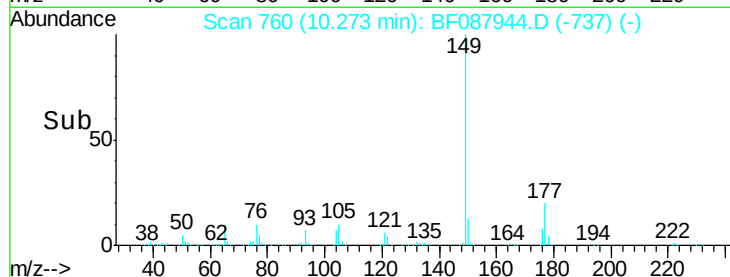
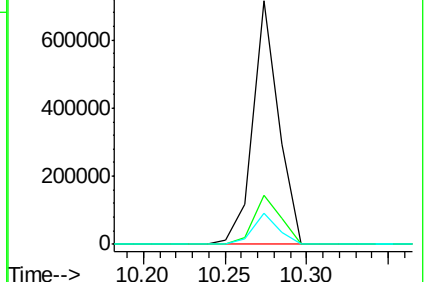
150 12.9 10.1 15.1



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: 37.22 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

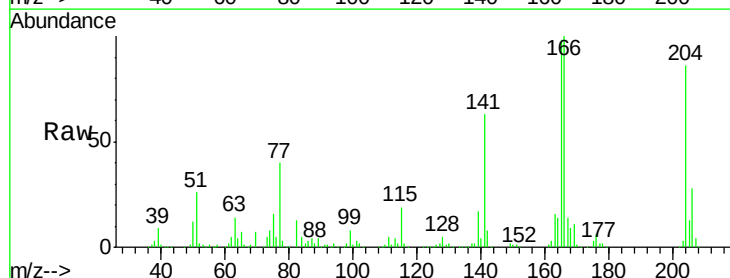
Tgt Ion:204 Resp: 274632

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

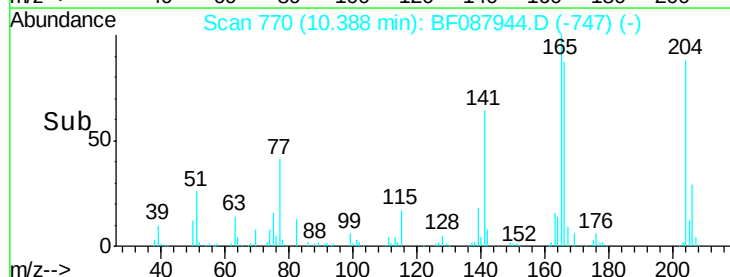
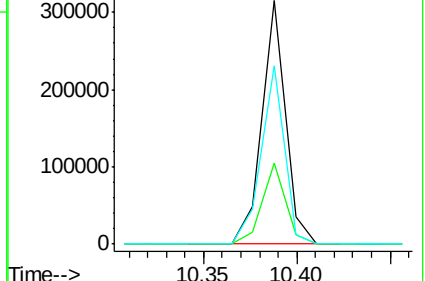
141 73.2 55.0 82.6

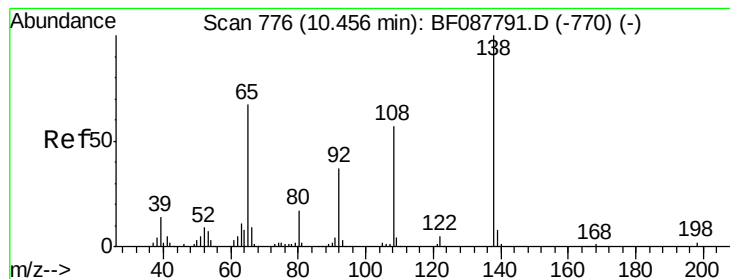


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.18 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

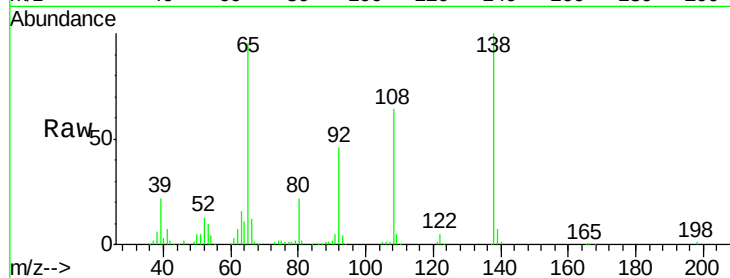
Tgt Ion:138 Resp: 201267

Ion Ratio Lower Upper

138 100

92 46.3 27.3 67.3

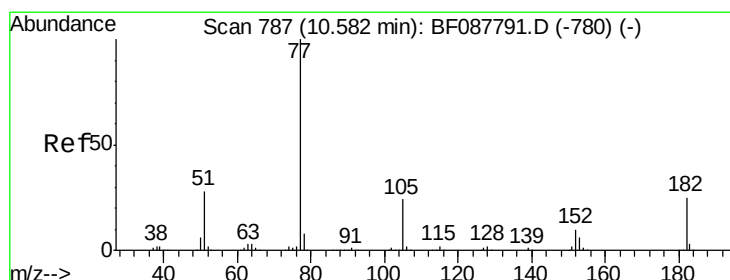
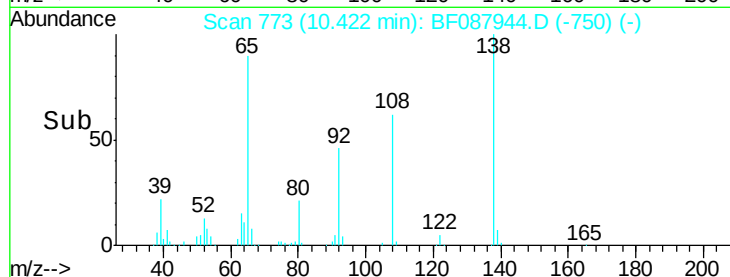
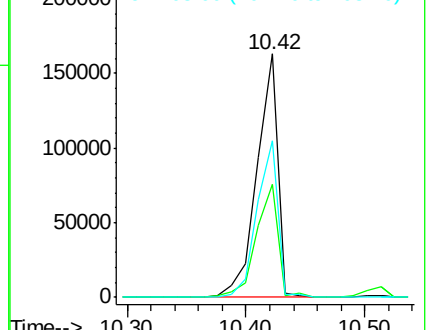
108 64.4 46.7 86.7



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: 43.00 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Tgt Ion: 77 Resp: 782209

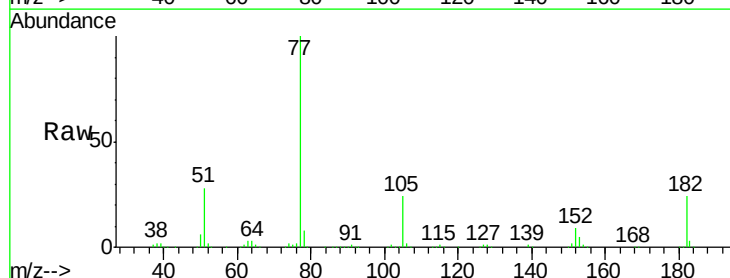
Ion Ratio Lower Upper

77 100

182 23.7 4.4 44.4

105 23.6 3.8 43.8

51 28.0 9.3 49.3

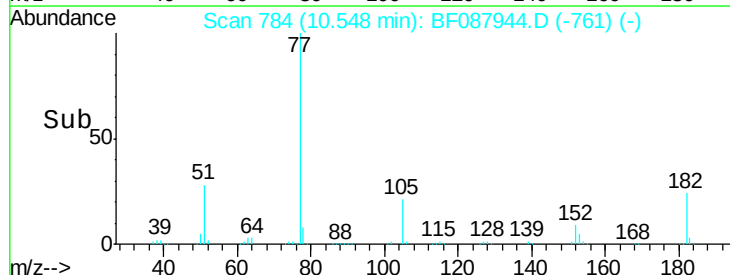
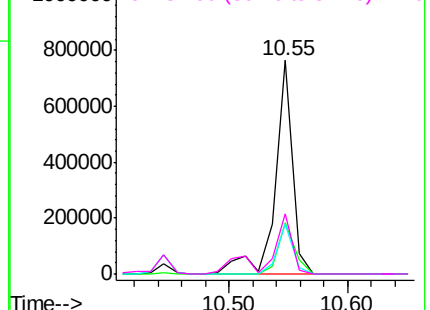


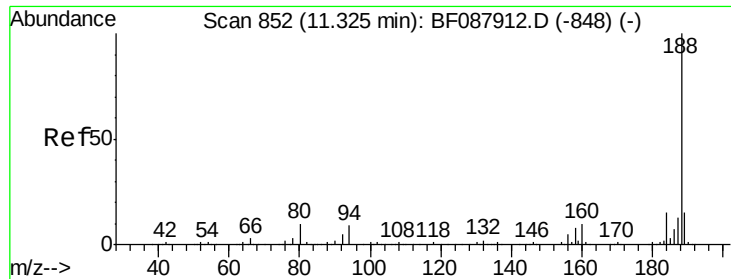
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

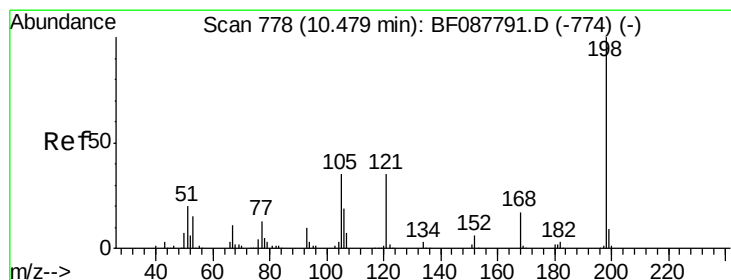
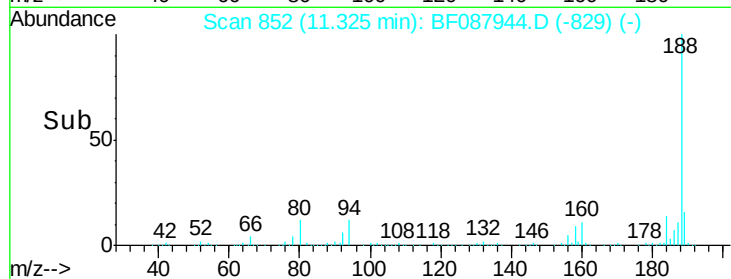
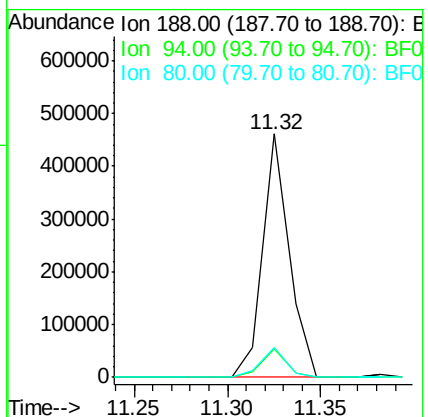
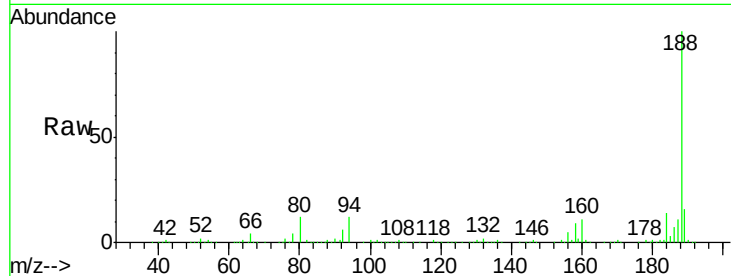




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

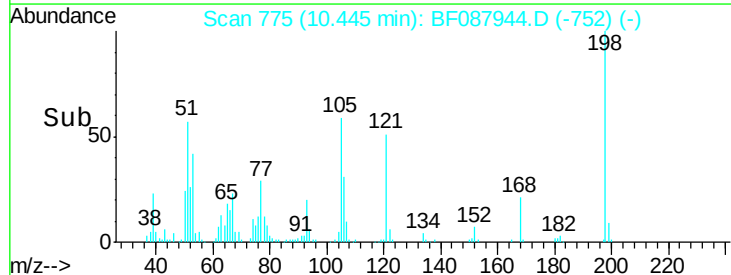
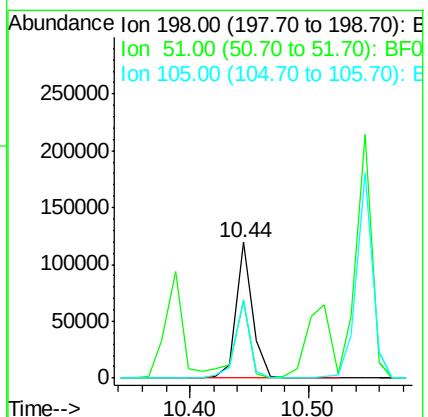
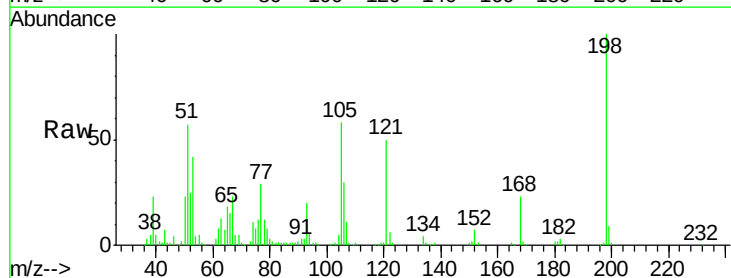
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

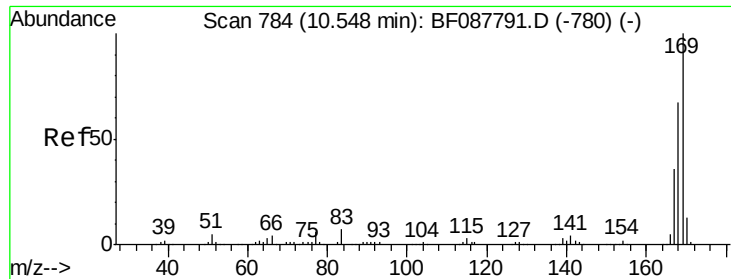
Tgt Ion:188 Resp: 451667
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.6
80 12.4 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 41.18 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:198 Resp: 115210
Ion Ratio Lower Upper
198 100
51 57.0 39.6 79.6
105 58.1 36.6 76.6

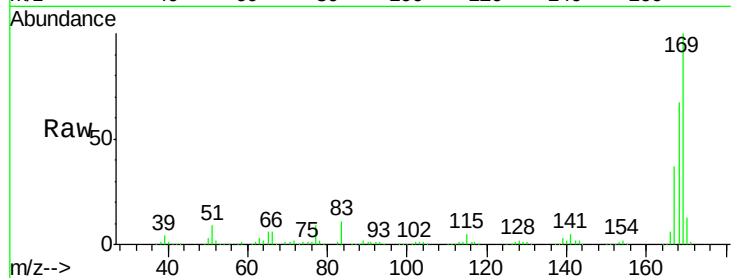




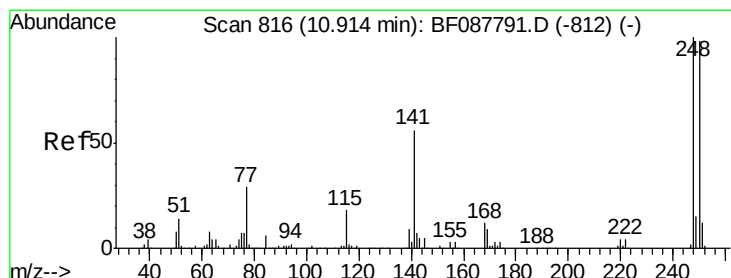
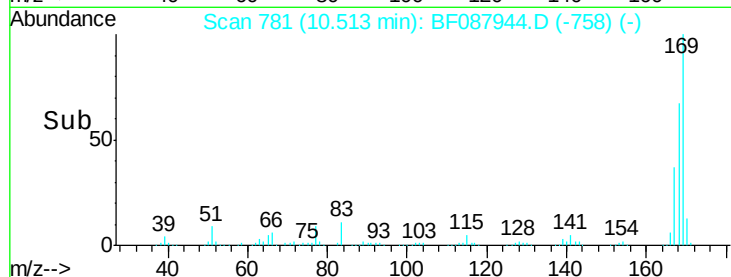
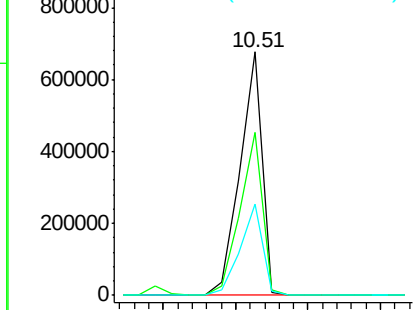
#65
 n-Nitrosodiphenylamine
 Concen: 47.78 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion:169 Resp: 716137
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 37.3 29.4 44.0

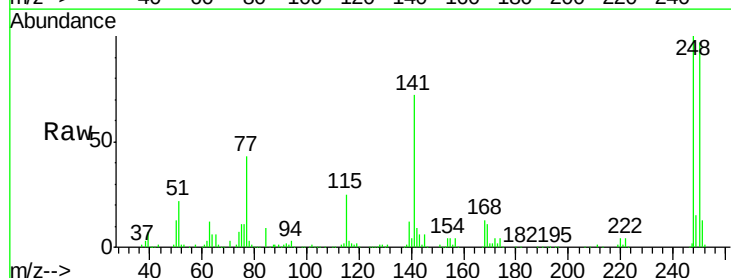


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

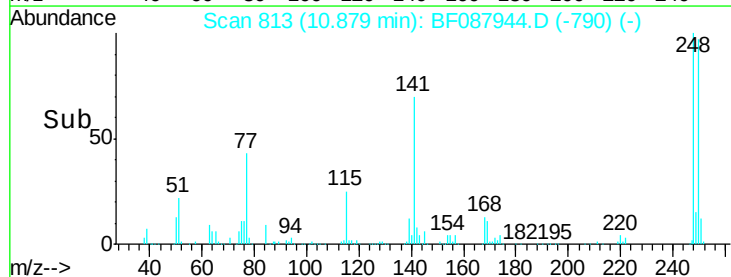
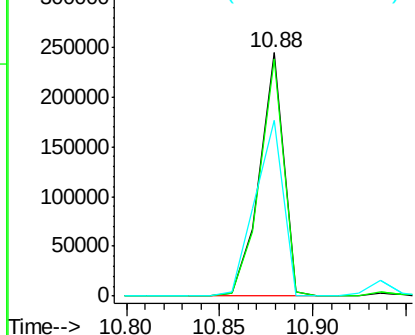


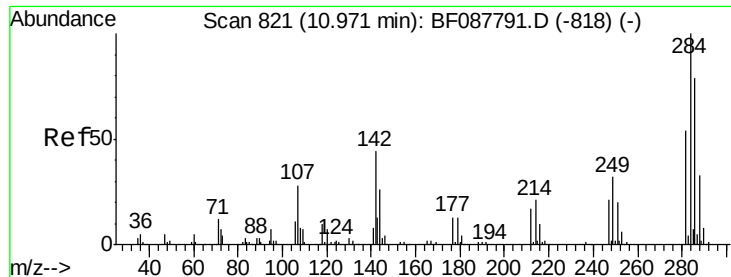
#66
 4-Bromophenyl-phenylether
 Concen: 45.21 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:248 Resp: 219070
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.1 115.7
 141 72.4 50.6 76.0



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

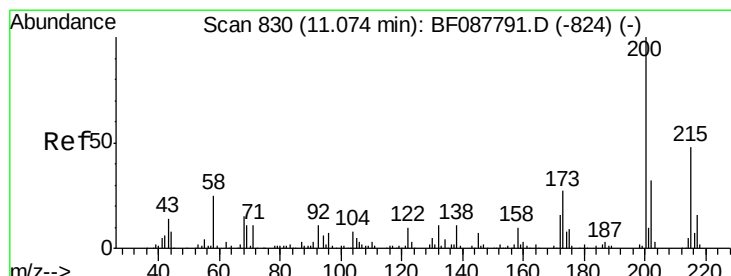
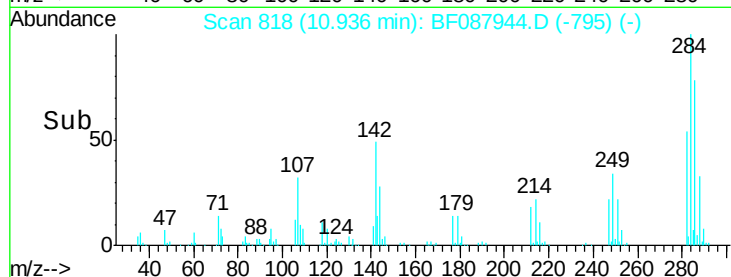
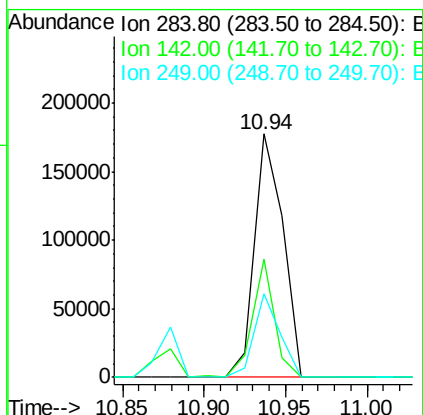
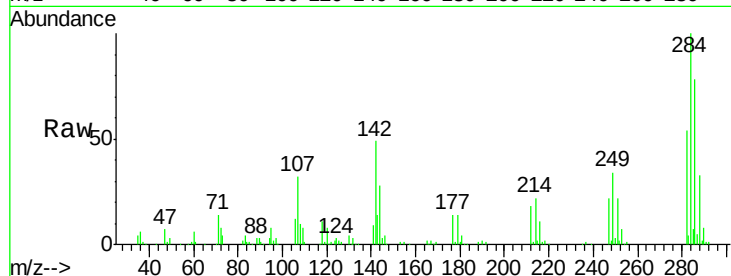




#67
Hexachlorobenzene
Concen: 42.84 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

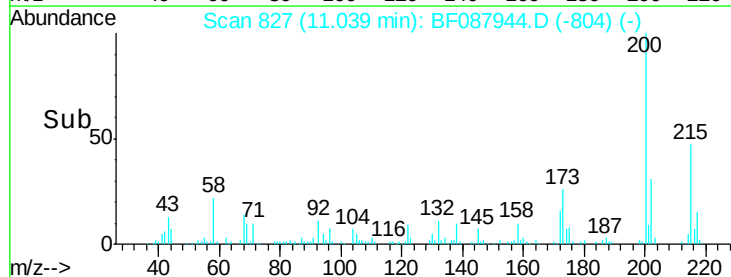
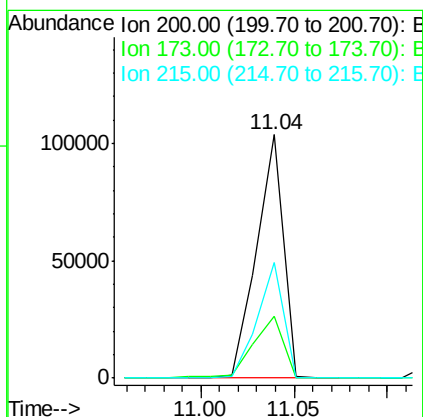
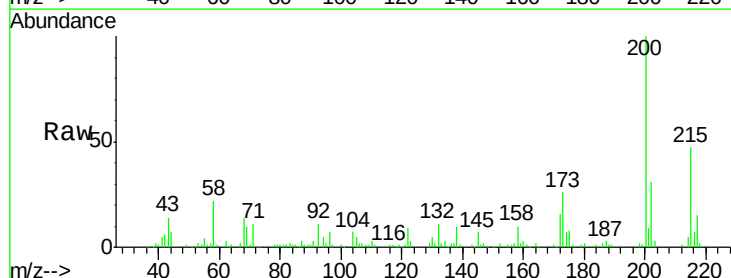
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

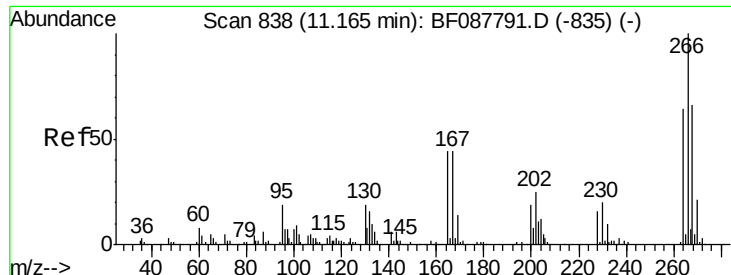
Tgt Ion: 284 Resp: 215673
Ion Ratio Lower Upper
284 100
142 48.5 35.8 53.8
249 34.2 25.8 38.6



#68
Atrazine
Concen: 22.55 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 200 Resp: 102348
Ion Ratio Lower Upper
200 100
173 25.5 4.0 44.0
215 47.4 29.3 69.3

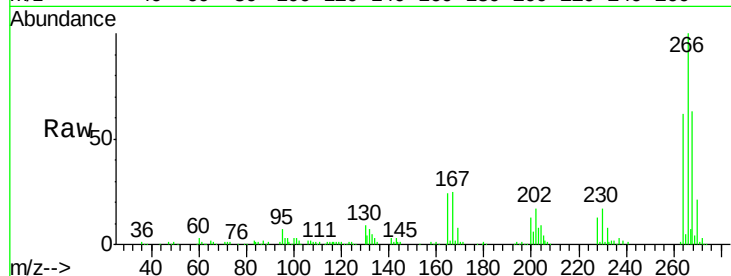




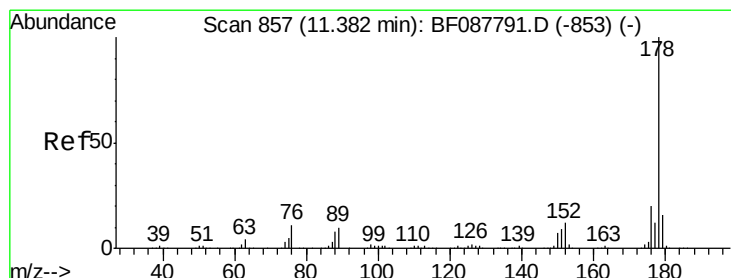
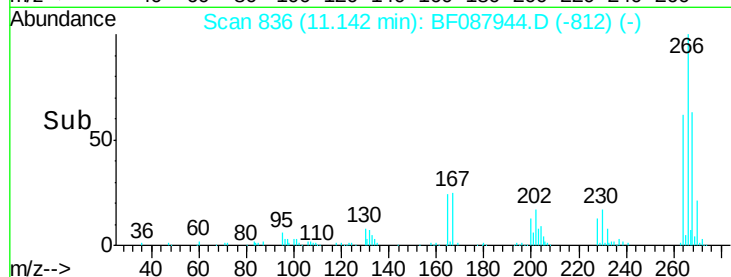
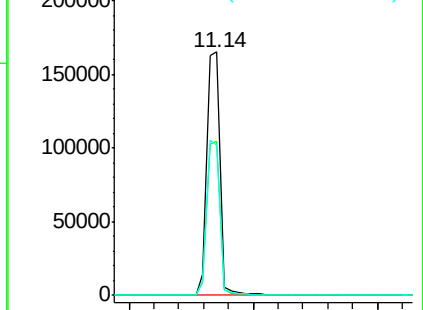
#69
 Pentachlorophenol
 Concen: 92.84 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion:266 Resp: 246390
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.8 79.2
 264 61.5 49.6 74.4

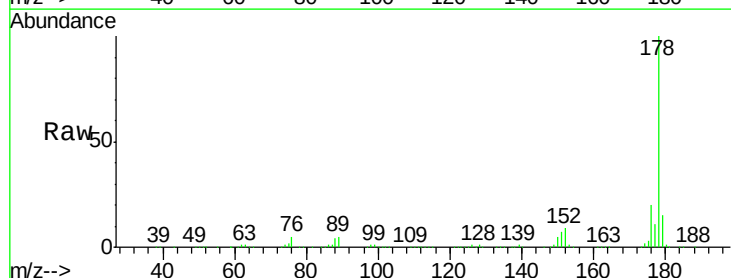


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

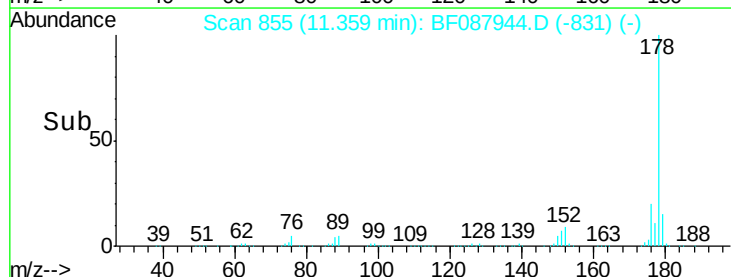
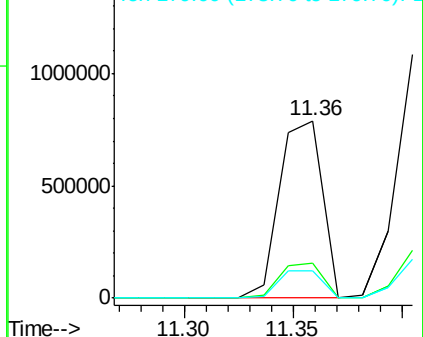


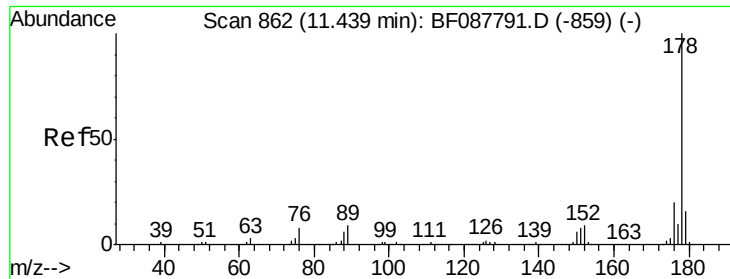
#70
 Phenanthrene
 Concen: 46.03 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:178 Resp: 1090990
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 15.3 13.0 19.4



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

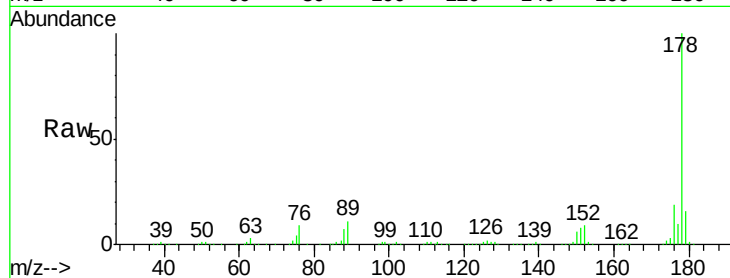




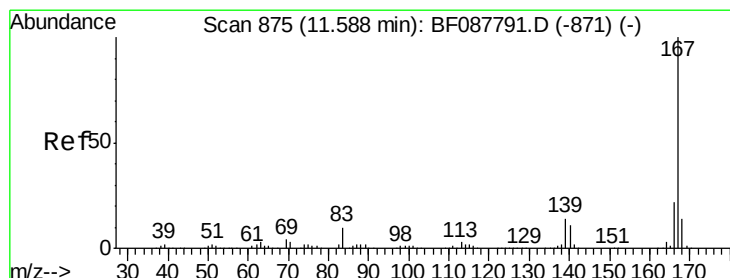
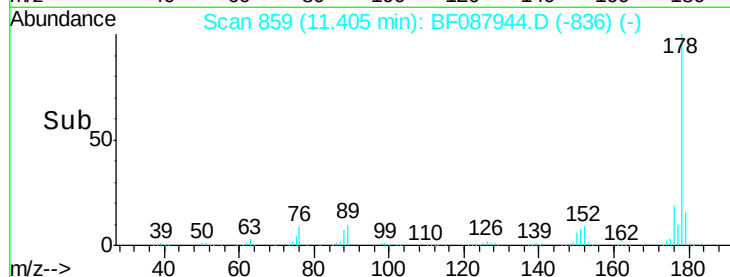
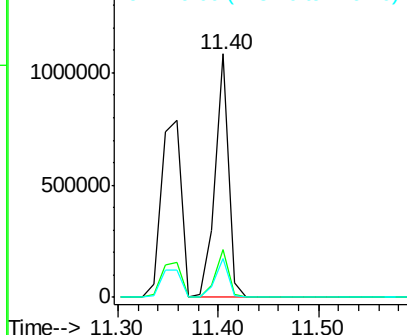
#71
 Anthracene
 Concen: 41.94 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

Tgt Ion:178 Resp: 1002682
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.0 12.8 19.2

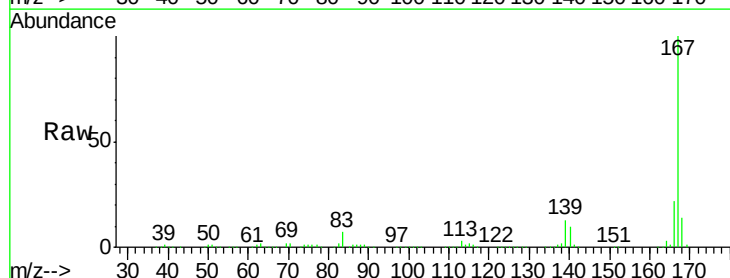


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

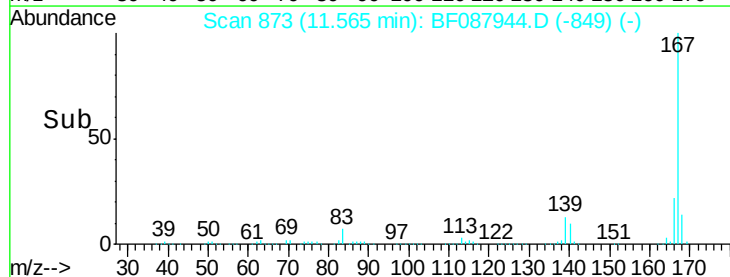
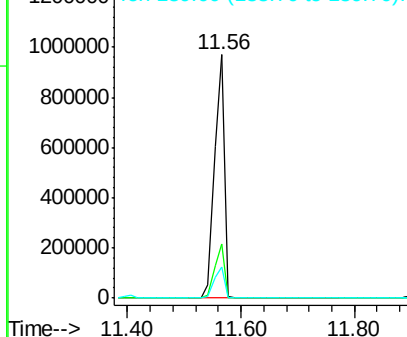


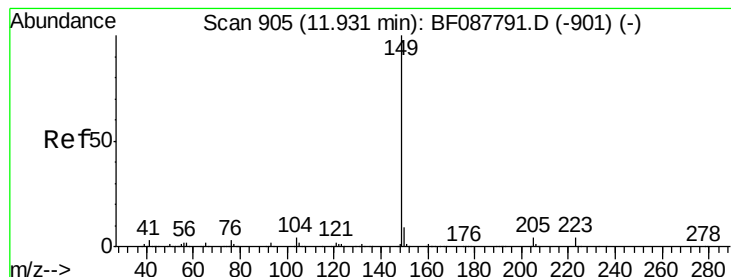
#72
 Carbazole
 Concen: 50.59 ng
 RT: 11.56 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion:167 Resp: 1131704
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 12.9 11.2 16.8



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: 40.50 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

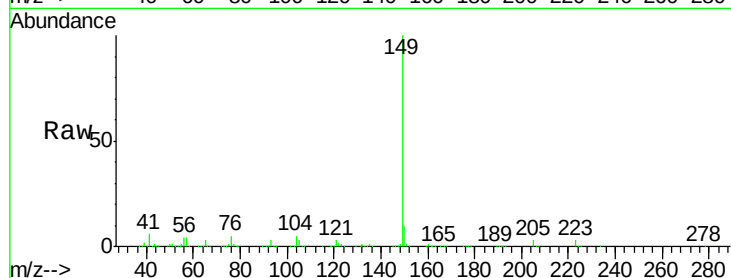
Tgt Ion:149 Resp: 1146872

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

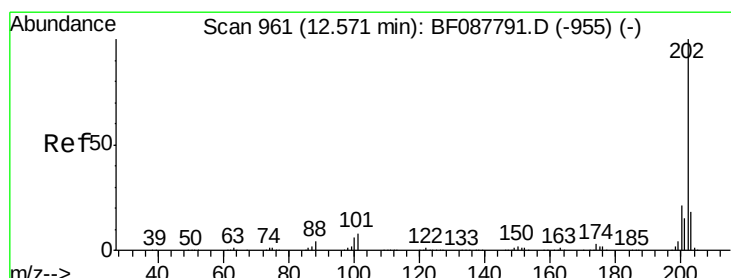
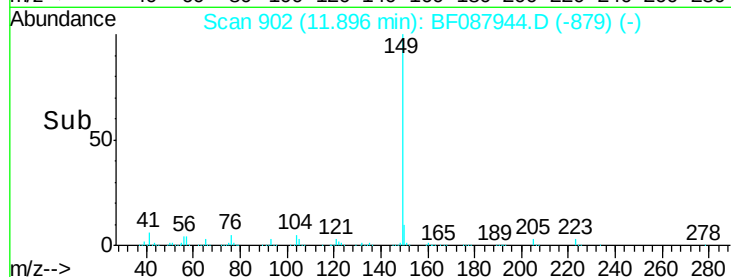
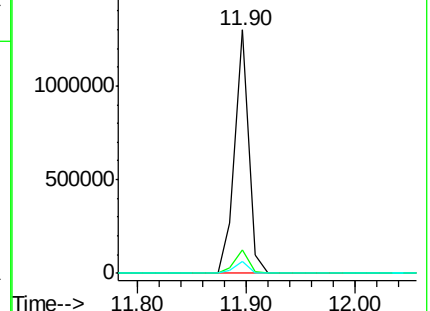
104 5.1 4.0 6.0



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: 38.65 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

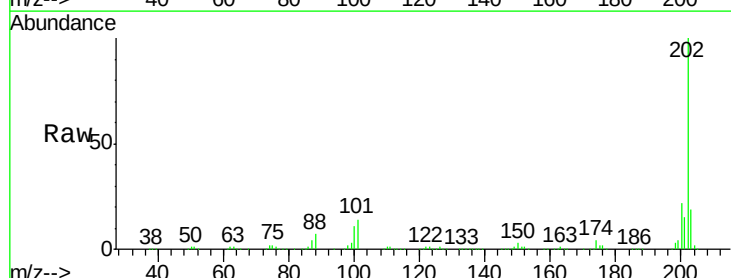
Tgt Ion:202 Resp: 966816

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.1

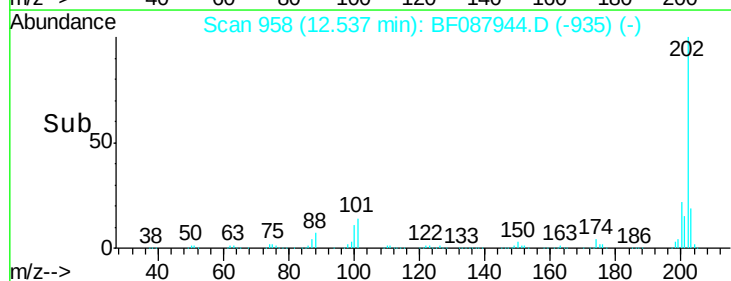
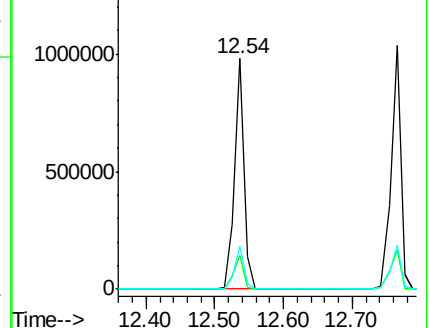
203 18.5 0.0 38.1

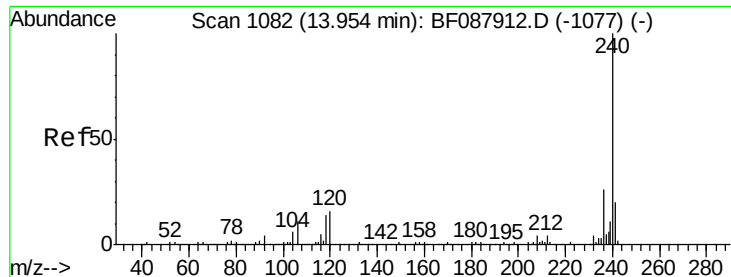


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

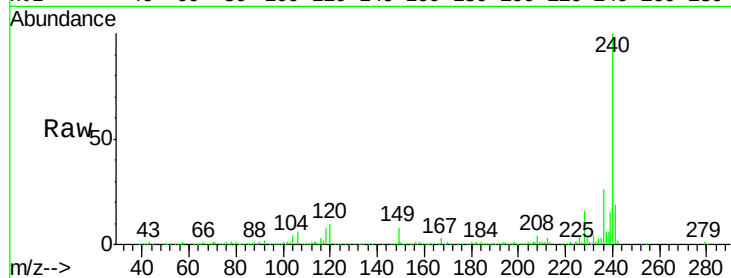
Tgt Ion:240 Resp: 328211

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

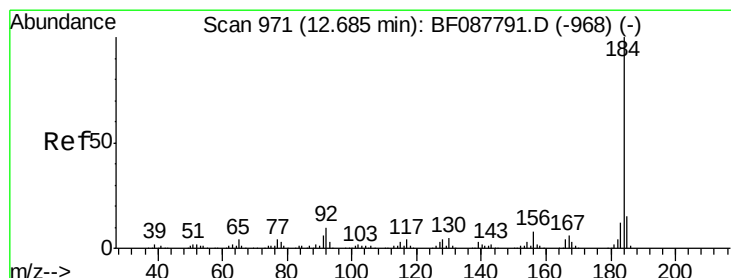
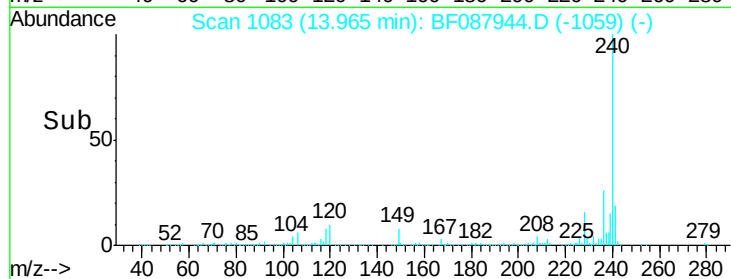
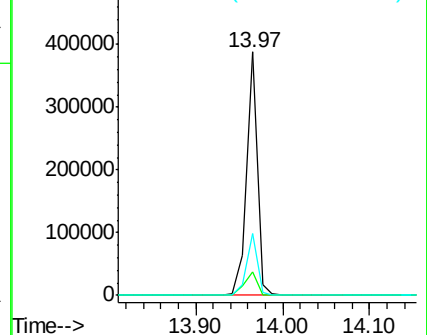
236 25.5 20.2 30.2



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: 12.10 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

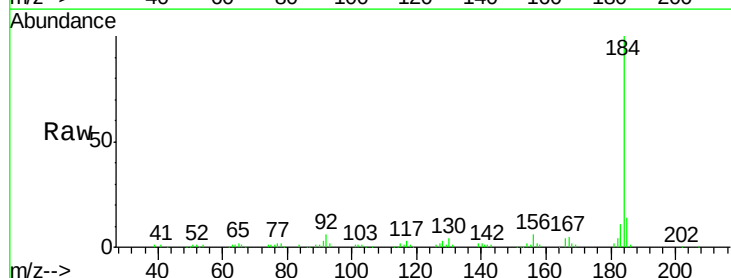
Tgt Ion:184 Resp: 109995

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

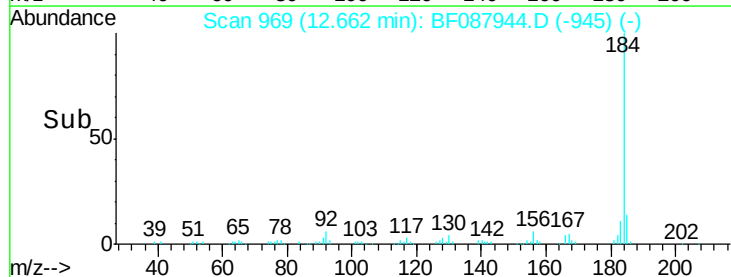
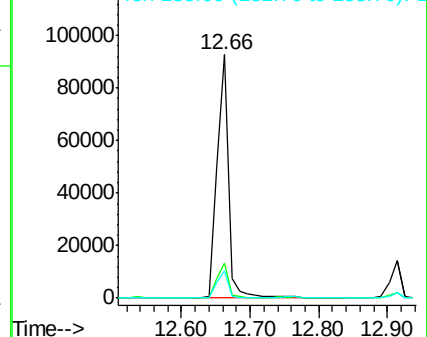
183 11.1 9.3 13.9

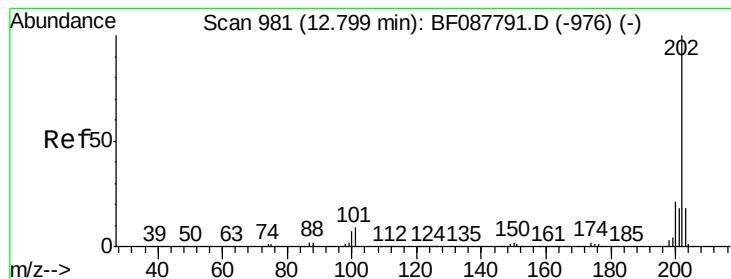


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.72 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

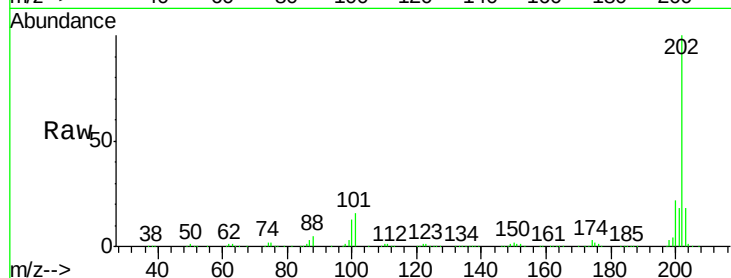
Tgt Ion:202 Resp: 1016223

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

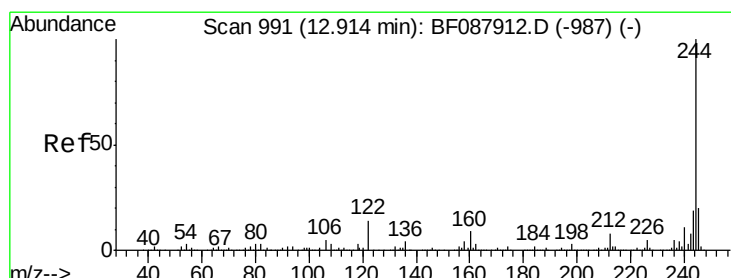
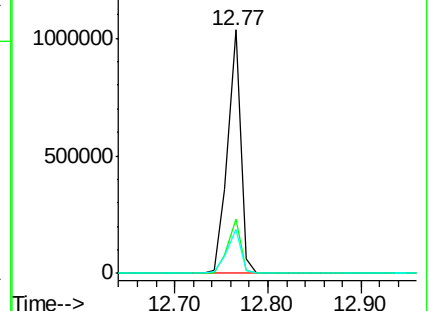
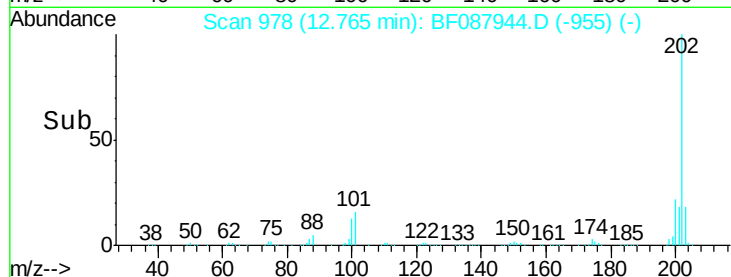
203 18.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.13 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

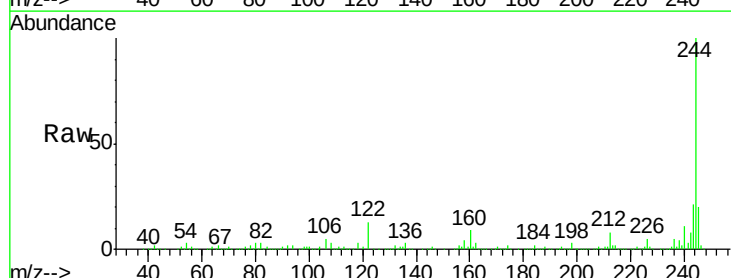
Tgt Ion:244 Resp: 982643

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

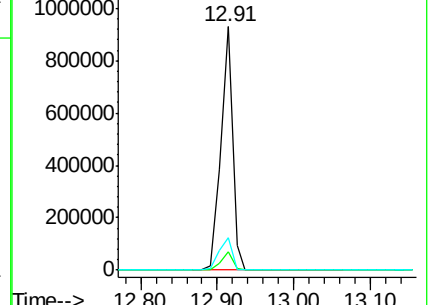
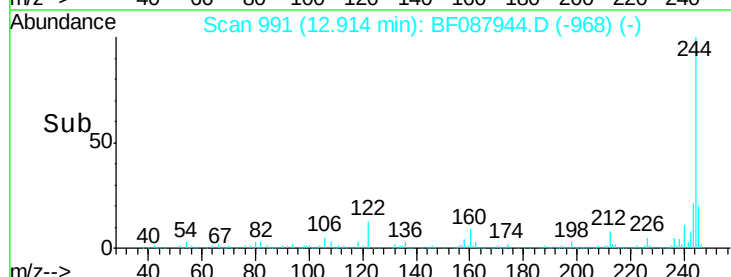
122 13.2 11.2 16.8

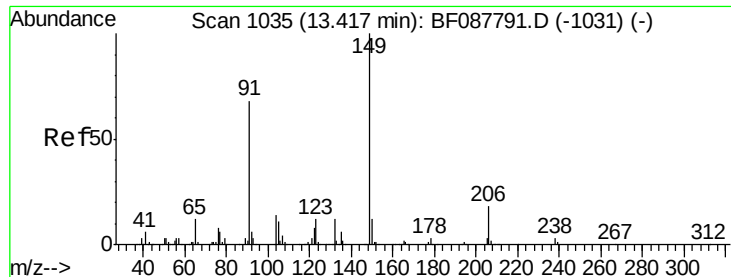


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

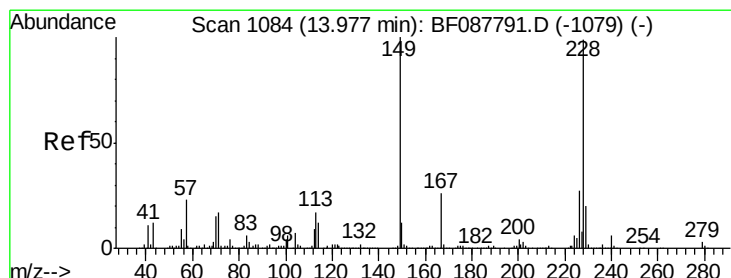
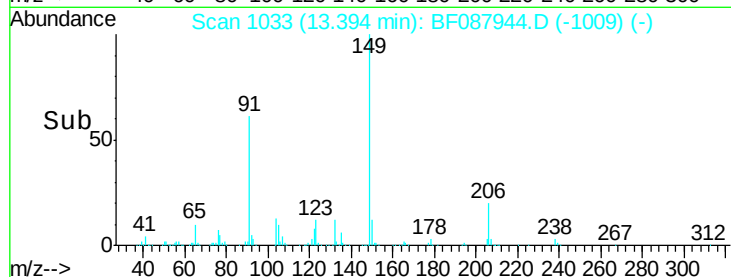
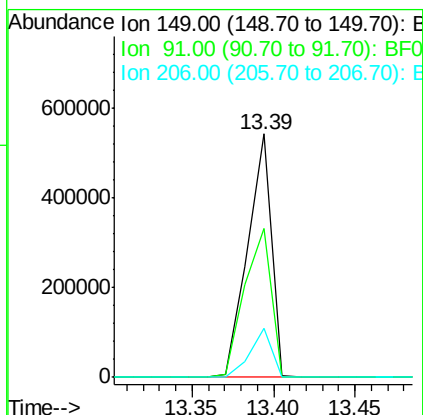
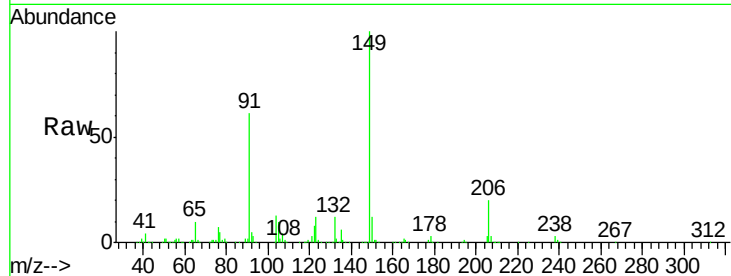




#79
Butylbenzylphthalate
Concen: 51.08 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

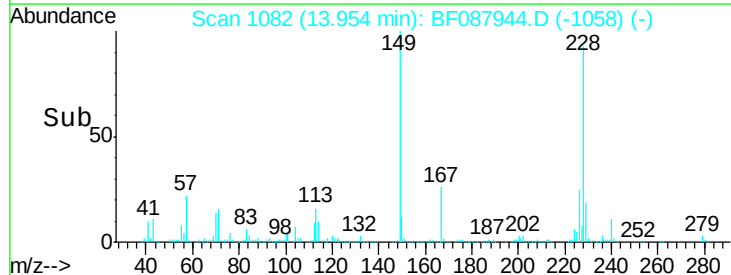
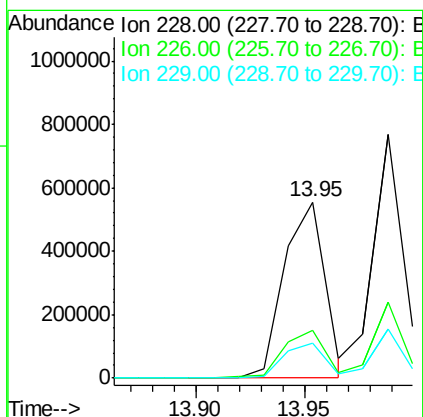
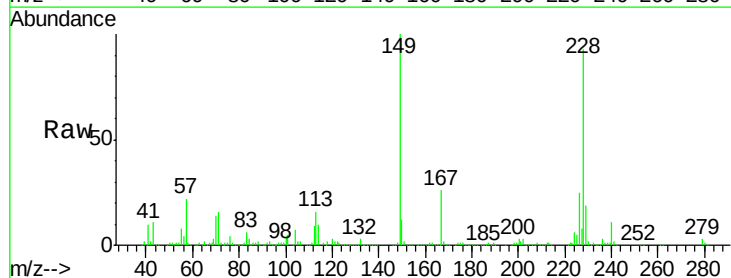
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

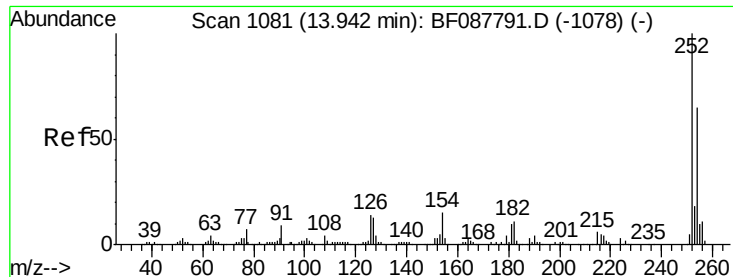
Tgt Ion:149 Resp: 550024
Ion Ratio Lower Upper
149 100
91 61.0 48.0 72.0
206 20.2 16.0 24.0



#80
Benzo(a)anthracene
Concen: 39.06 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:228 Resp: 730485
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.9 16.0 24.0

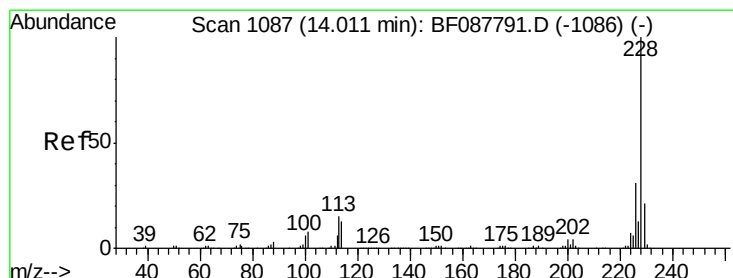
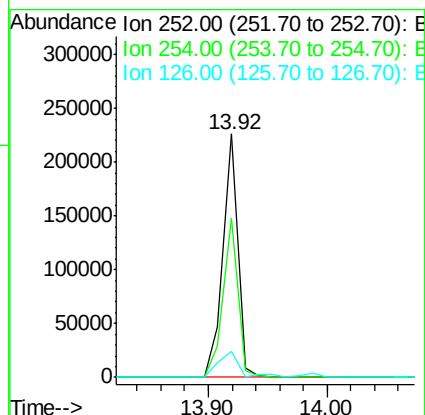
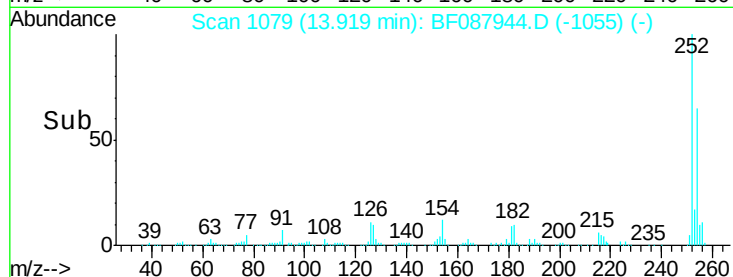
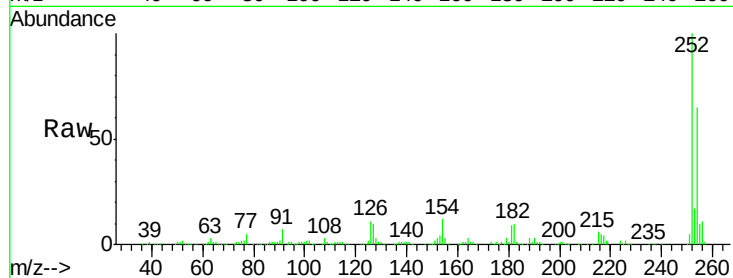




#81
 3,3'-Dichlorobenzidine
 Concen: 38.93 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

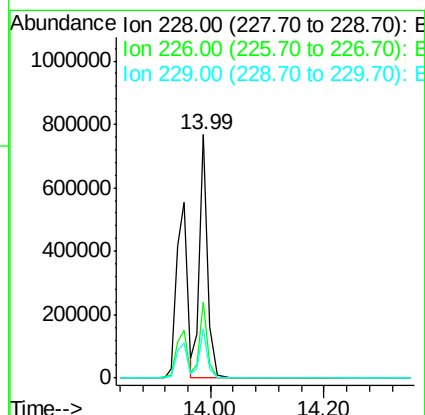
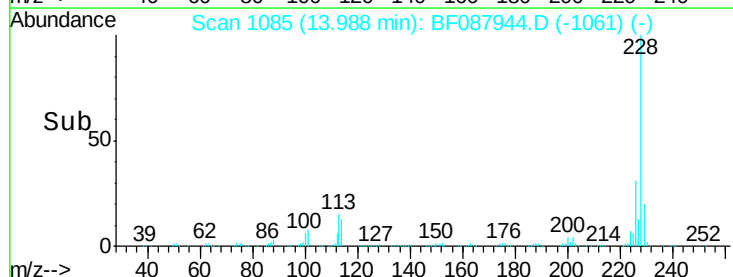
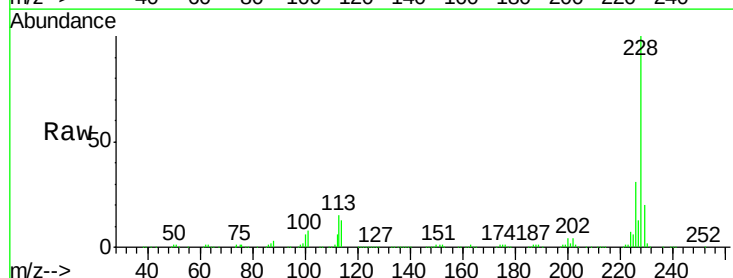
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

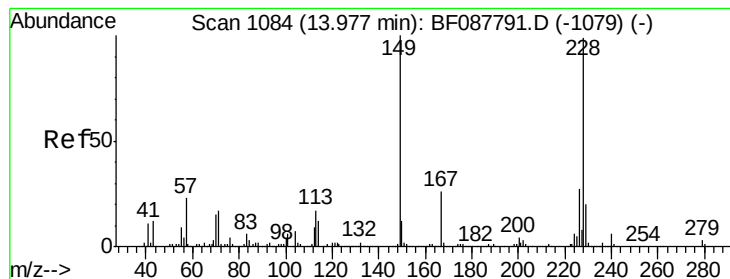
Tgt Ion: 252 Resp: 195815
 Ion Ratio Lower Upper
 252 100
 254 65.3 52.6 78.8
 126 10.8 6.2 9.2#



#82
 Chrysene
 Concen: 42.78 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion: 228 Resp: 752845
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.2
 229 20.3 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.65 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

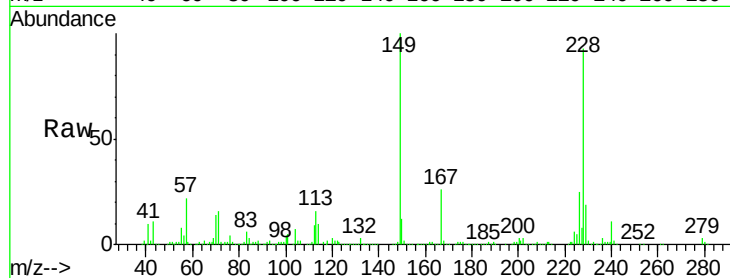
Tgt Ion:149 Resp: 572204

Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

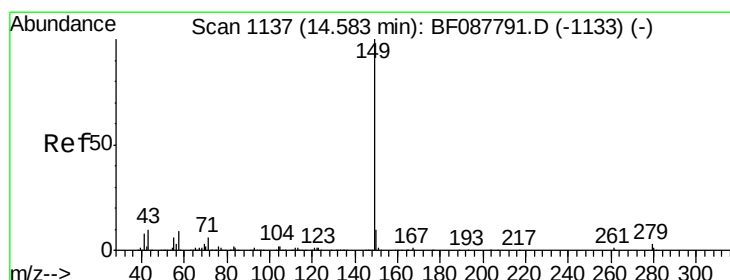
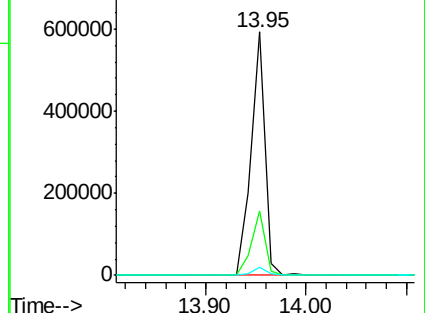
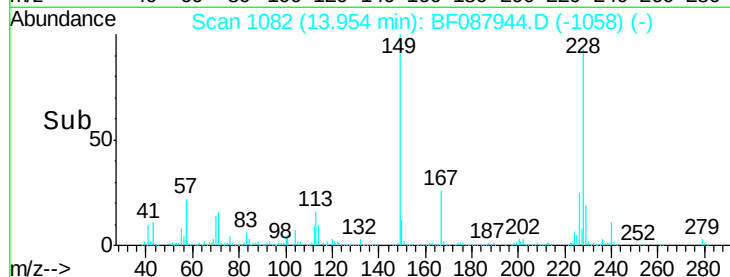
279 3.4 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.18 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

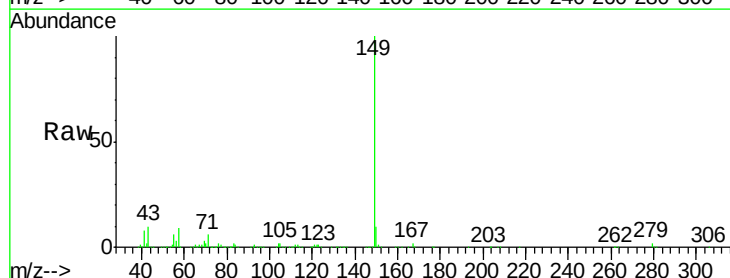
Tgt Ion:149 Resp: 1047446

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

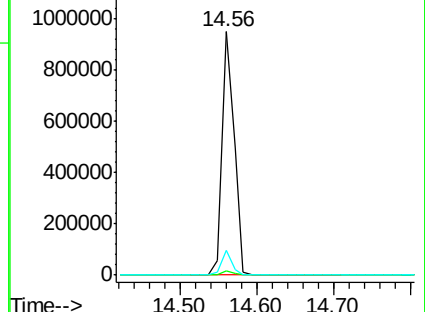
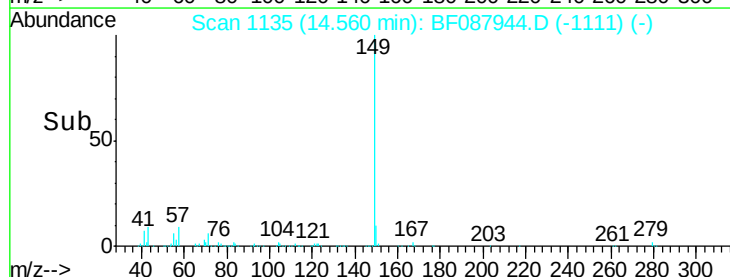
43 8.5 0.0 0.0#

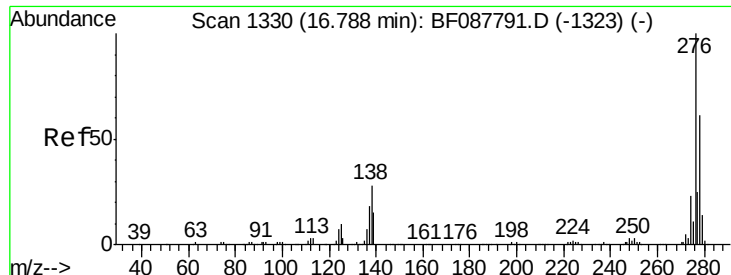


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

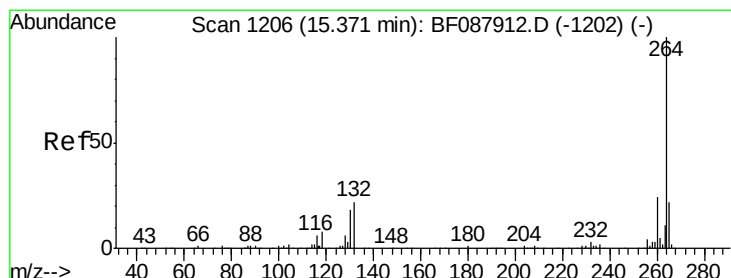
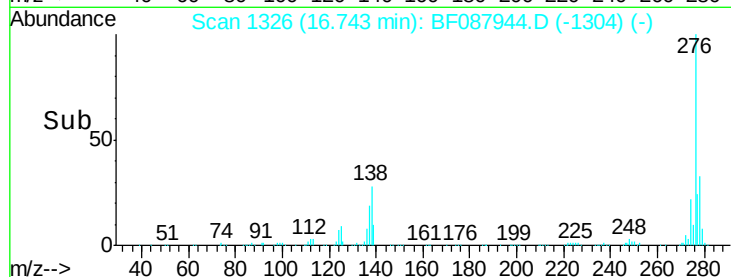
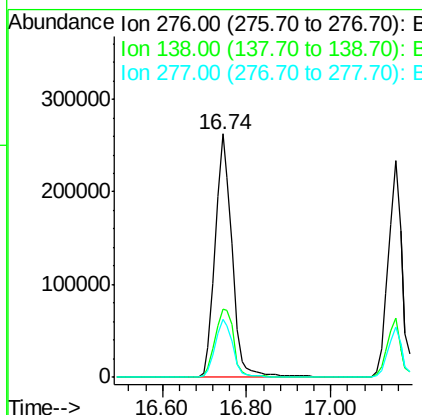
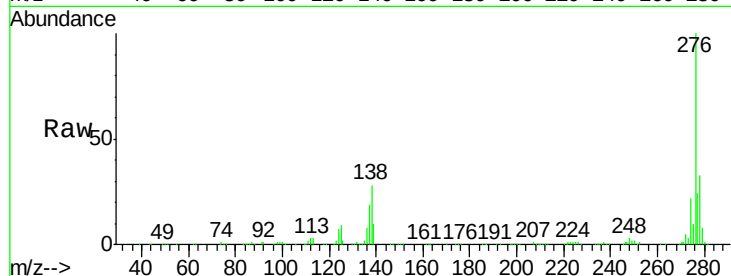




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.31 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

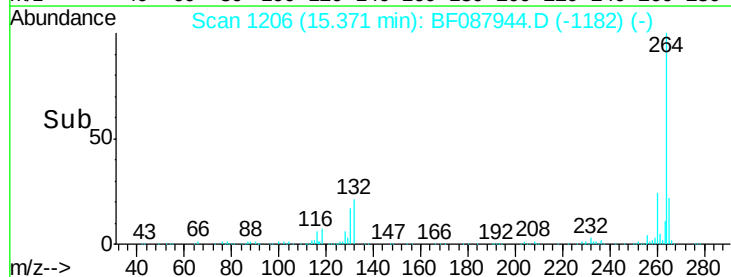
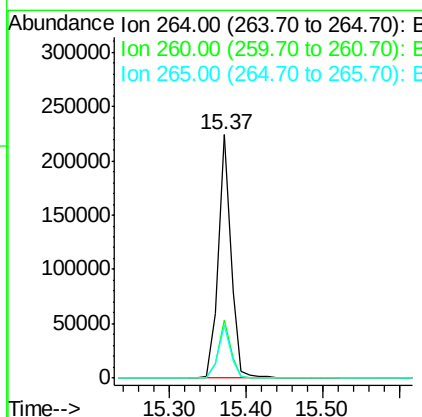
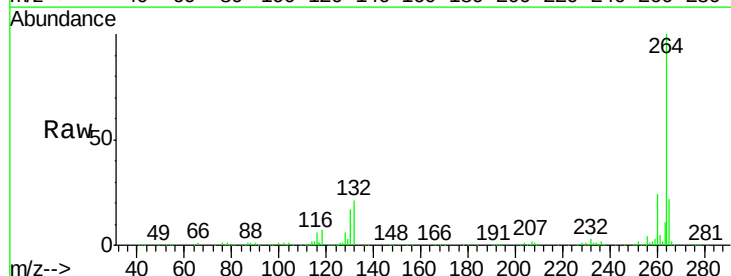
Instrument :
 BNA_F
 ClientSampleId :
 SP16-LF2MW2MSD

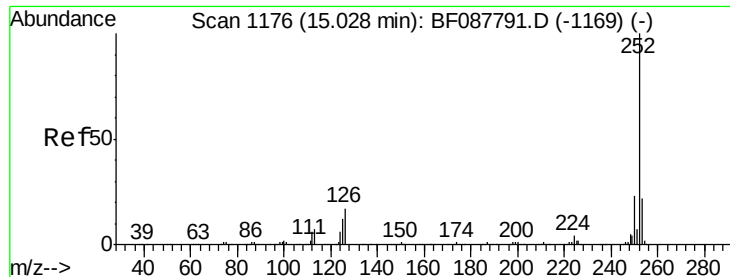
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	0.0	0.0#
277	25.0	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087944.D
 Acq: 12 Jun 2016 12:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 80.09 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD

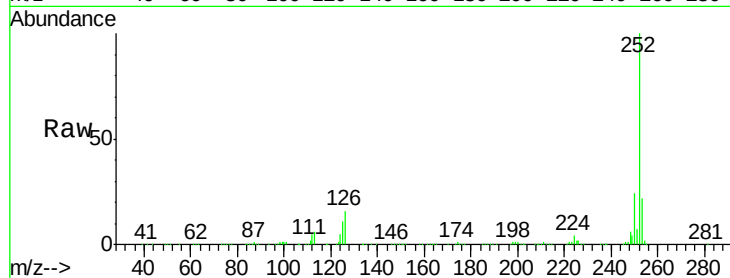
Tgt Ion:252 Resp: 1448726

Ion Ratio Lower Upper

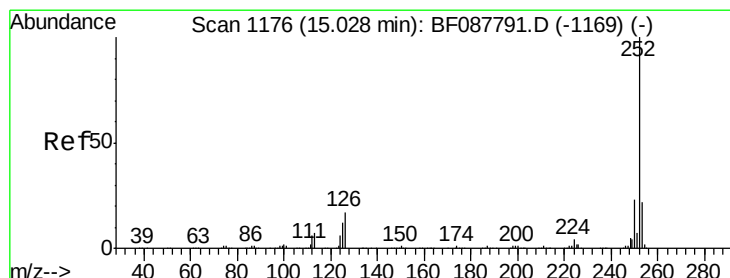
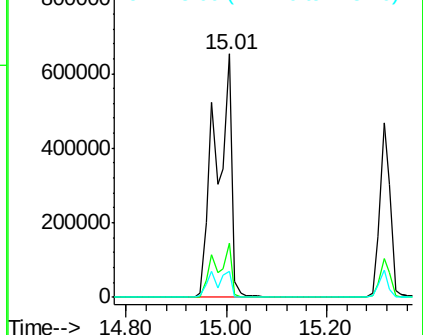
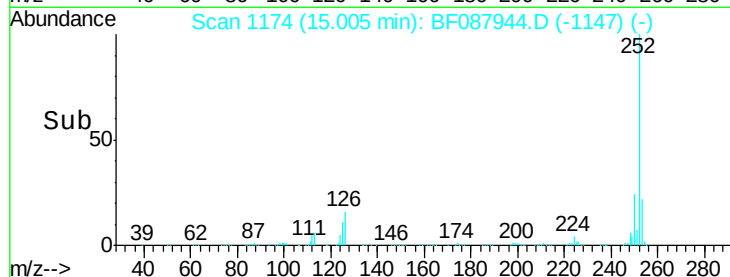
252 100

253 22.2 17.4 26.2

125 10.5 7.1 10.7



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: 106.24 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF087944.D

Acq: 12 Jun 2016 12:41

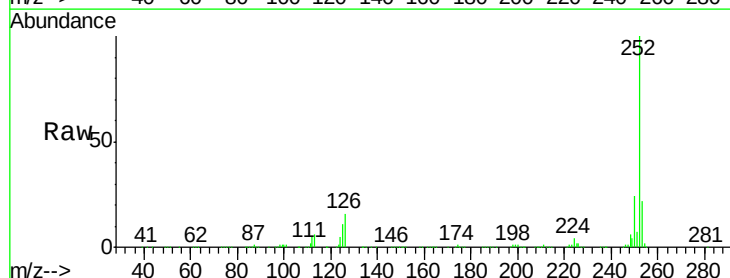
Tgt Ion:252 Resp: 1449567

Ion Ratio Lower Upper

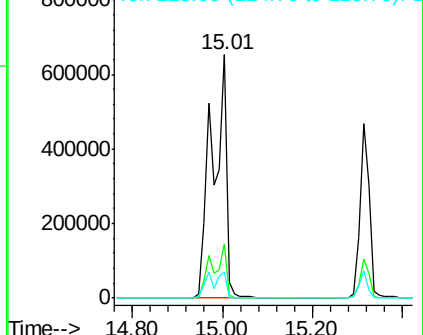
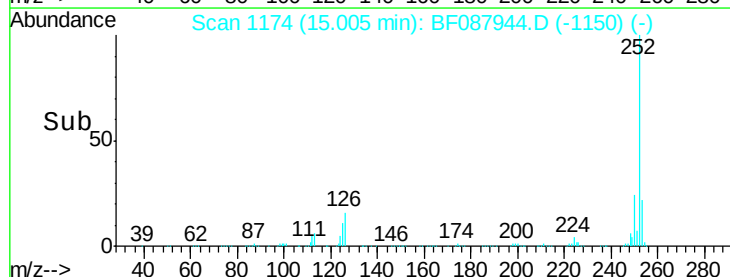
252 100

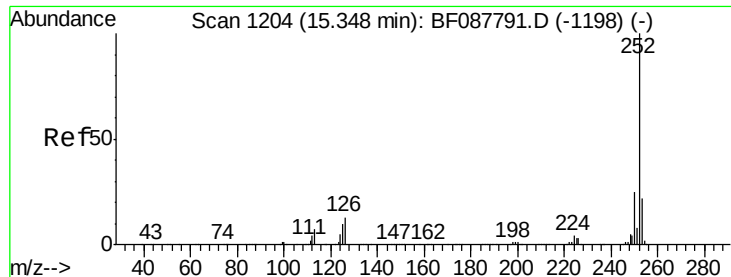
253 22.2 18.0 27.0

125 10.5 11.2 16.8#



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

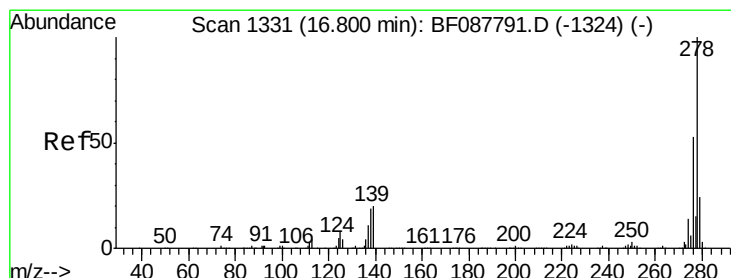
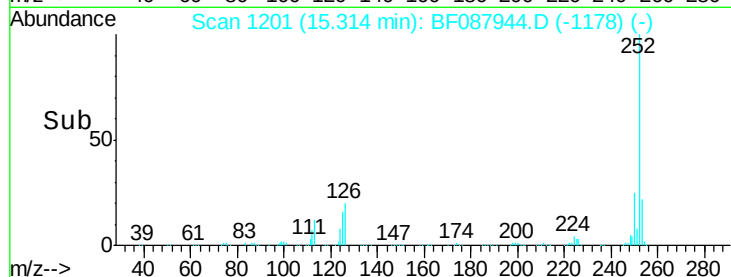
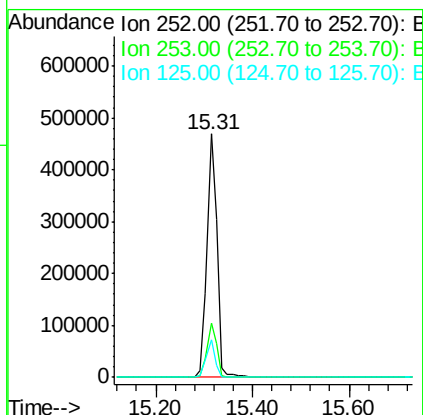
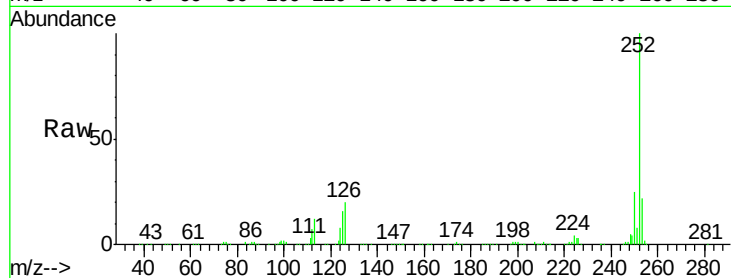




#89
Benzo(a)pyrene
Concen: 46.38 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

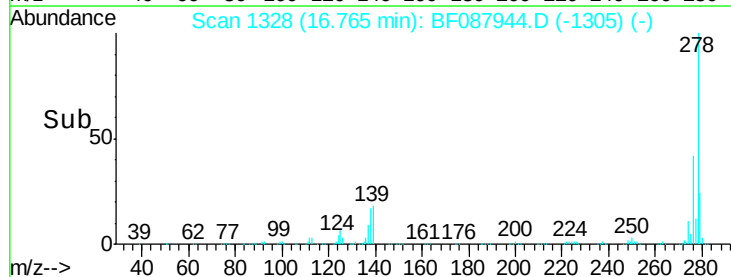
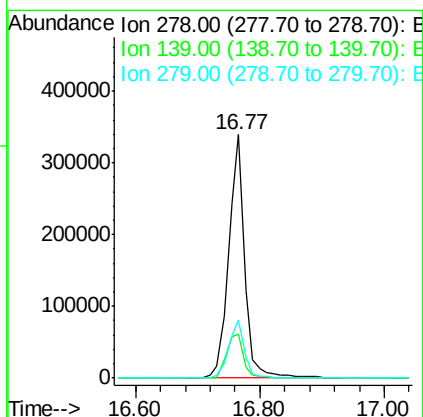
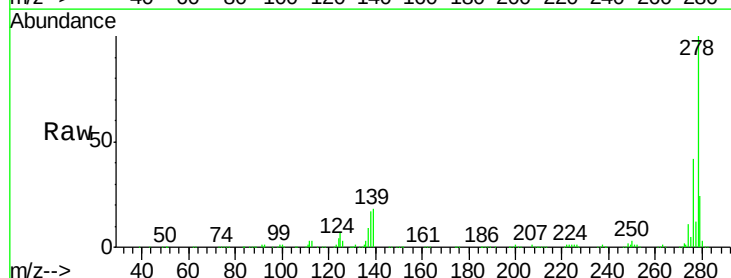
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

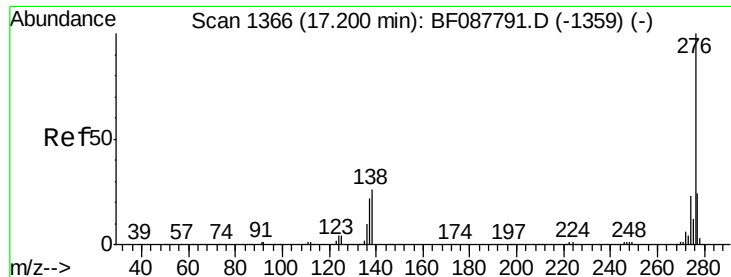
Tgt Ion: 252 Resp: 678729
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 15.5 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 44.70 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 278 Resp: 607626
Ion Ratio Lower Upper
278 100
139 18.3 15.7 23.5
279 23.9 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 43.05 ng

RT: 17.15 min Scan# 1362

Delta R.T. -0.05 min

Lab File: BF087944.D

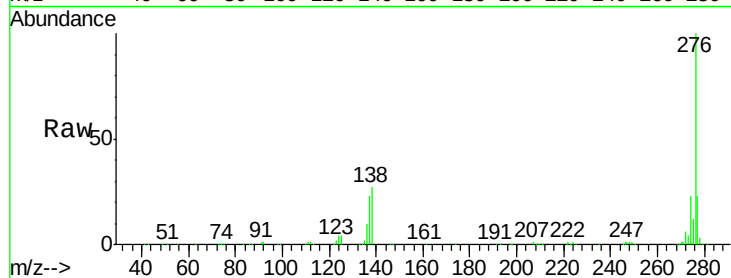
Acq: 12 Jun 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SP16-LF2MW2MSD



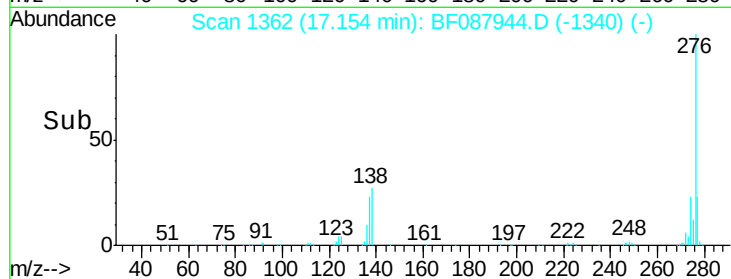
Tgt Ion: 276 Resp: 601855

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 27.2 21.4 32.2



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

300000

250000

200000

150000

100000

50000

0

17.15

17.20

17.40

Time-->