

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088598.D
 Acq On : 2 Jul 2016 3:04
 Operator : UM/SJ
 Sample : H3816-14MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Quant Time: Jul 02 04:08:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149133	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	550835	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	244585	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	397028	20.00	ng	0.00
75) Chrysene-d12	13.95	240	248835	20.00	ng	0.00
86) Perylene-d12	15.35	264	234886	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	934803	93.94	ng	0.02
7) Phenol-d6	6.44	99	1388272	107.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	883523	84.06	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	236737	104.23	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1307738	84.46	ng	0.00
78) Terphenyl-d14	12.90	244	802866	71.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	141585	28.70	ng	# 33
3) Pyridine	3.16	79	198621	13.87	ng	95
4) n-Nitrosodimethylamine	3.07	42	101744	18.60	ng	86
6) Aniline	6.47	93	205853	10.99	ng	# 50
8) 2-Chlorophenol	6.59	128	216670	20.26	ng	96
9) Benzaldehyde	6.35	77	154358	17.72	ng	93
10) Phenol	6.46	94	221945	15.12	ng	# 49
11) bis(2-Chloroethyl)ether	6.55	93	213736	19.53	ng	93
12) 1,3-Dichlorobenzene	6.75	146	219168	18.62	ng	95
13) 1,4-Dichlorobenzene	6.82	146	215284	18.43	ng	93
14) 1,2-Dichlorobenzene	6.75	146	219153	20.04	ng	97
15) Benzyl Alcohol	6.95	79	192552	20.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	301065	19.00	ng	93
17) 2-Methylphenol	7.07	107	185304	21.24	ng	96
18) Hexachloroethane	7.32	117	75671	16.75	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	161278	18.67	ng	97
20) 3+4-Methylphenols	7.22	107	226421	21.62	ng	# 78
22) Acetophenone	7.22	105	312343	23.36	ng	# 89
24) Nitrobenzene	7.39	77	268156	25.30	ng	# 86
25) Isophorone	7.63	82	448541	23.04	ng	98
26) 2-Nitrophenol	7.71	139	90910	20.92	ng	# 78
27) 2,4-Dimethylphenol	7.75	122	169286	18.70	ng	90
28) bis(2-Chloroethoxy)methane	7.85	93	305137	24.08	ng	# 96
29) 2,4-Dichlorophenol	7.95	162	178758	24.44	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	173055	21.56	ng	98
31) Naphthalene	8.11	128	587388	21.63	ng	99
32) Benzoic acid	7.83	122	40099	6.10	ng	92
33) 4-Chloroaniline	8.16	127	118830	9.84	ng	94
34) Hexachlorobutadiene	8.24	225	94629	22.01	ng	99
35) Caprolactam	8.51	113	54366	21.88	ng	91
36) 4-Chloro-3-methylphenol	8.65	107	184659	21.35	ng	92
37) 2-Methylnaphthalene	8.81	142	390832	22.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	154958	19.05	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	81558	20.43	ng	98

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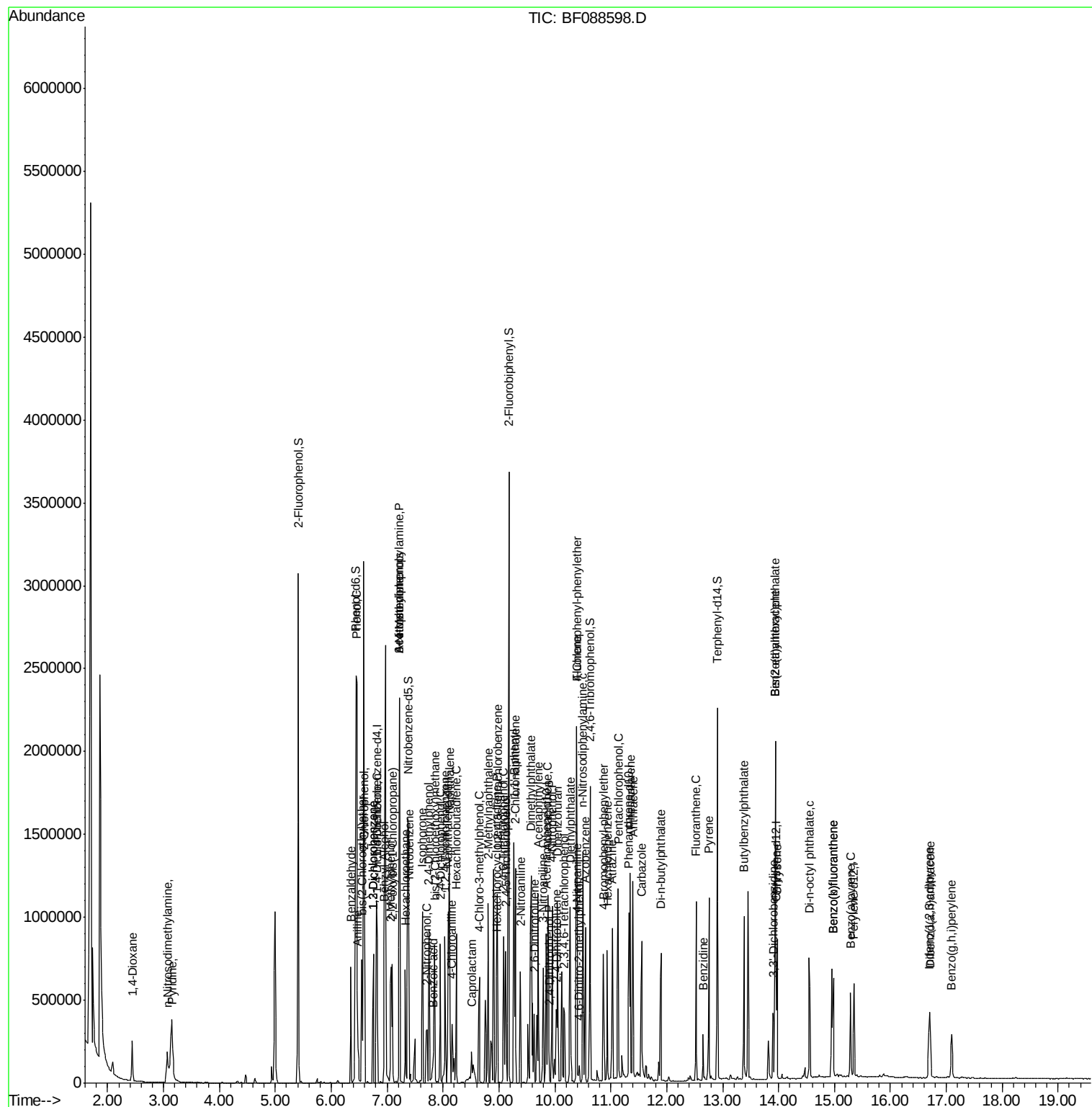
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	125331	23.37	ng	98
43) 2,4,5-Trichlorophenol	9.12	196	103767	22.49	ng	# 87
45) 1,1'-Biphenyl	9.27	154	426275	21.05	ng	98
46) 2-Chloronaphthalene	9.29	162	337888	21.25	ng	98
47) 2-Nitroaniline	9.38	65	111969	19.84	ng	93
48) Acenaphthylene	9.70	152	500867	19.80	ng	100
49) Dimethylphthalate	9.58	163	738331	42.37	ng	98
50) 2,6-Dinitrotoluene	9.63	165	87058	22.54	ng	97
51) Acenaphthene	9.87	154	313877	20.24	ng	99
52) 3-Nitroaniline	9.79	138	94785	19.31	ng	97
53) 2,4-Dinitrophenol	9.90	184	21881	12.83	ng	92
54) Dibenzofuran	10.04	168	445284	21.94	ng	# 88
55) 4-Nitrophenol	9.95	139	166097	44.52	ng	95
56) 2,4-Dinitrotoluene	10.03	165	99758	19.76	ng	91
57) Fluorene	10.39	166	318839	20.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	77723	21.77	ng	# 54
59) Diethylphthalate	10.27	149	431690	24.69	ng	98
60) 4-Chlorophenyl-phenylether	10.39	204	162181	22.32	ng	92
61) 4-Nitroaniline	10.40	138	78301	16.57	ng	87
62) Azobenzene	10.55	77	448425	22.48	ng	94
64) 4,6-Dinitro-2-methylphenol	10.43	198	14041	6.61	ng	# 72
65) n-Nitrosodiphenylamine	10.50	169	313315	23.32	ng	100
66) 4-Bromophenyl-phenylether	10.87	248	88034	22.00	ng	# 70
67) Hexachlorobenzene	10.94	284	93674	21.15	ng	92
68) Atrazine	11.03	200	90662	21.65	ng	92
69) Pentachlorophenol	11.13	266	139877	53.36	ng	97
70) Phenanthrene	11.35	178	460554	21.22	ng	99
71) Anthracene	11.39	178	423525	19.63	ng	99
72) Carbazole	11.55	167	411859	20.28	ng	97
73) Di-n-butylphthalate	11.90	149	566594	23.98	ng	# 97
74) Fluoranthene	12.53	202	388473	17.66	ng	97
76) Benzidine	12.65	184	102173	8.12	ng	98
77) Pyrene	12.75	202	404208	19.16	ng	99
79) Butylbenzylphthalate	13.38	149	202380	21.50	ng	87
80) Benzo(a)anthracene	13.94	228	327693	20.45	ng	99
81) 3,3'-Dichlorobenzidine	13.91	252	113515	18.84	ng	99
82) Chrysene	13.98	228	330178	20.83	ng	97
83) Bis(2-ethylhexyl)phthalate	13.94	149	274459	25.54	ng	97
84) Di-n-octyl phthalate	14.55	149	464193	25.43	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.70	276	244013	20.01	ng	# 100
87) Benzo(b)fluoranthene	14.98	252	575280	39.04	ng	99
88) Benzo(k)fluoranthene	14.98	252	575280	44.85	ng	# 93
89) Benzo(a)pyrene	15.29	252	262477	21.04	ng	# 95
90) Dibenzo(a,h)anthracene	16.71	278	205751	19.75	ng	98
91) Benzo(g,h,i)perylene	17.10	276	194519	18.04	ng	97

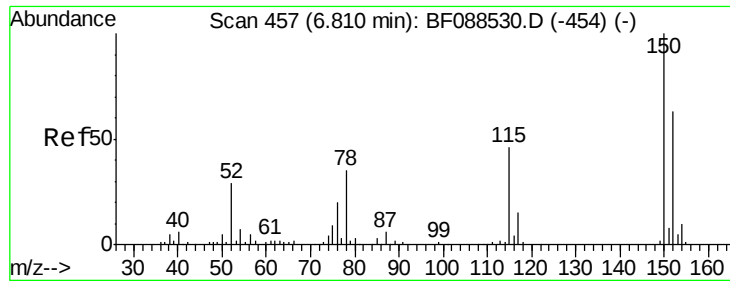
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

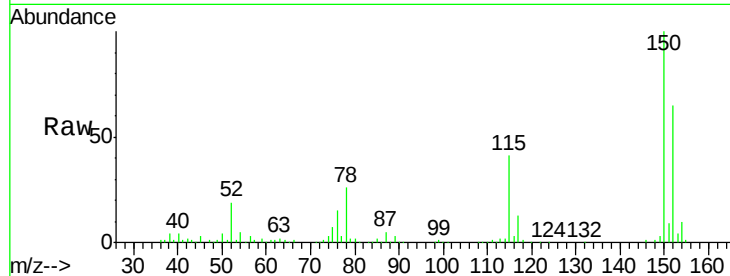
Tgt Ion:152 Resp: 149133

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

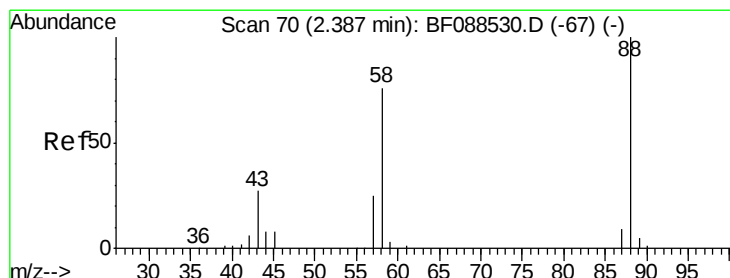
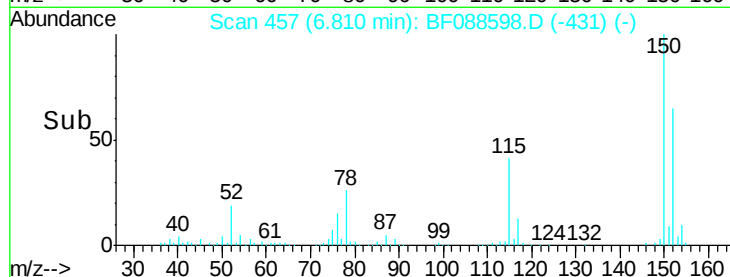
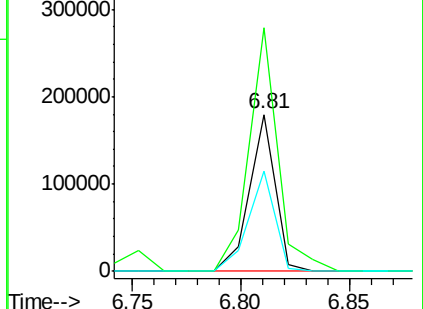
115 63.8 39.6 59.4#



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: 28.70 ng

RT: 2.44 min Scan# 75

Delta R.T. 0.07 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

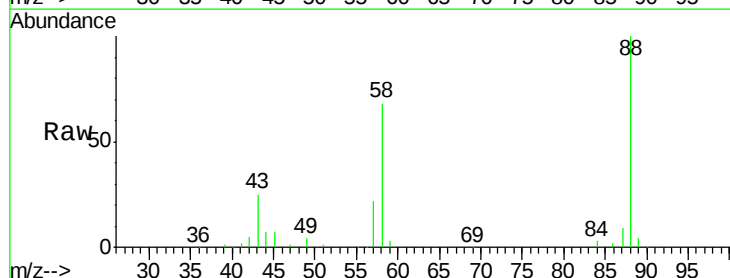
Tgt Ion: 88 Resp: 141585

Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

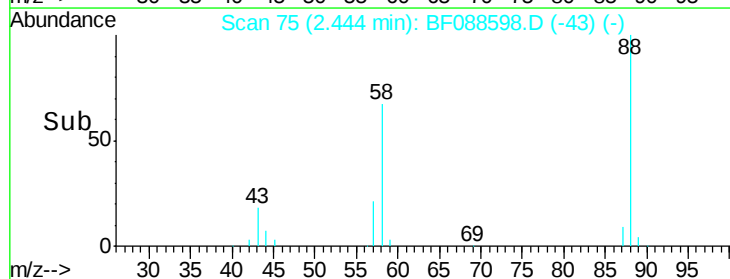
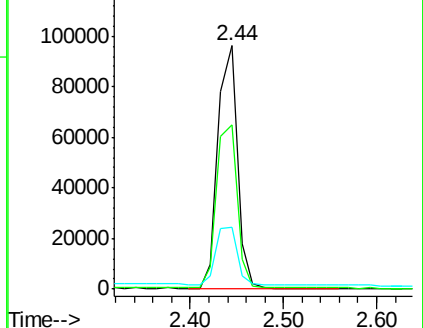
43 26.3 3.4 5.2#

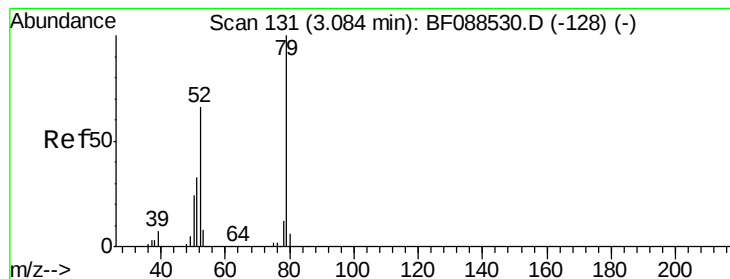


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.87 ng

RT: 3.16 min Scan# 138

Delta R.T. 0.09 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

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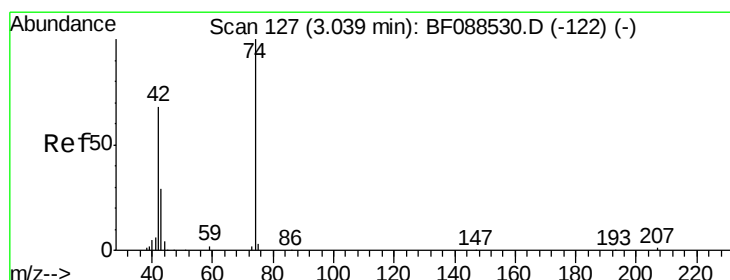
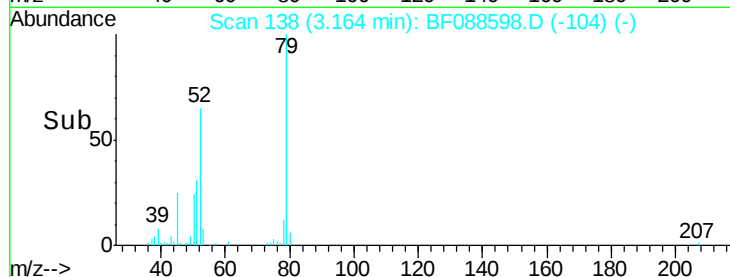
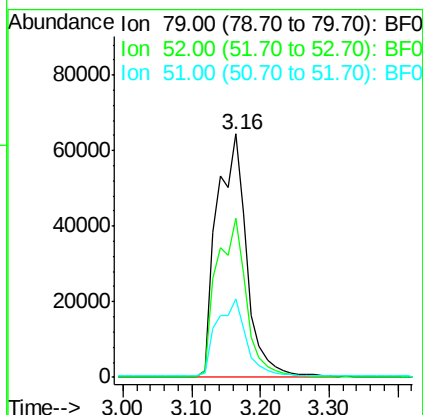
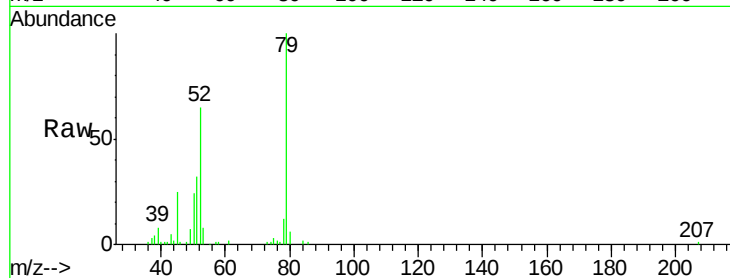
Tgt Ion: 79 Resp: 198621

Ion Ratio Lower Upper

79 100

52 65.4 56.3 84.5

51 32.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 18.60 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.05 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

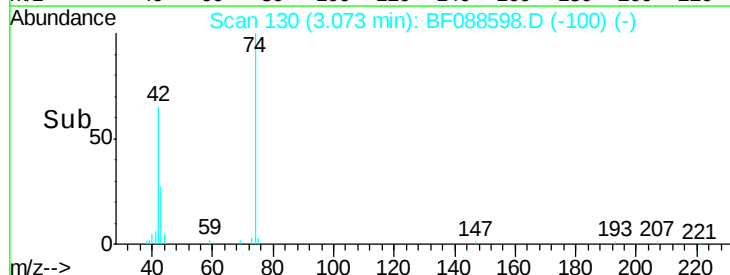
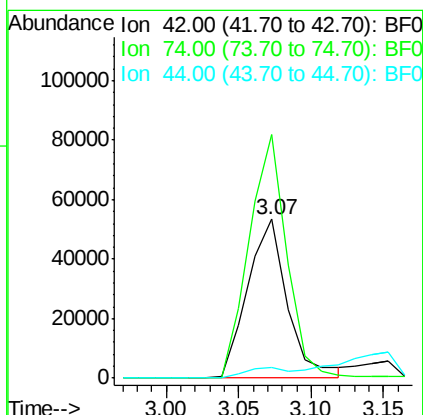
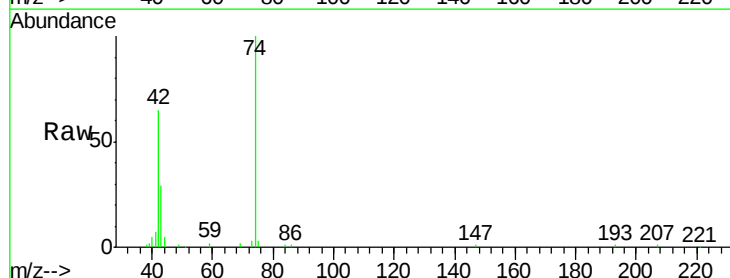
Tgt Ion: 42 Resp: 101744

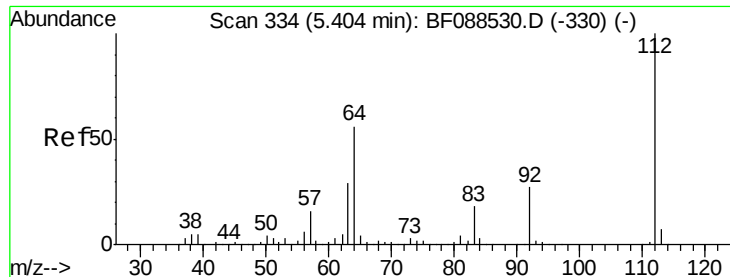
Ion Ratio Lower Upper

42 100

74 153.5 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 93.94 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.02 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

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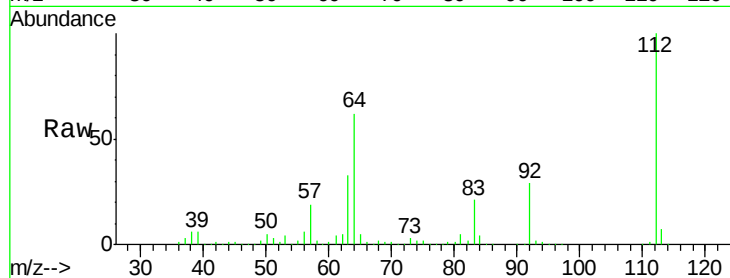
Tgt Ion: 112 Resp: 934803

Ion Ratio Lower Upper

112 100

64 62.0 42.2 63.2

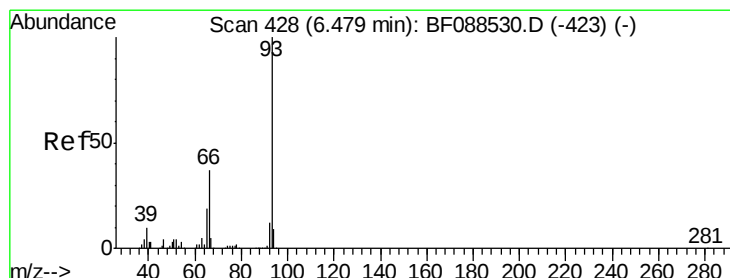
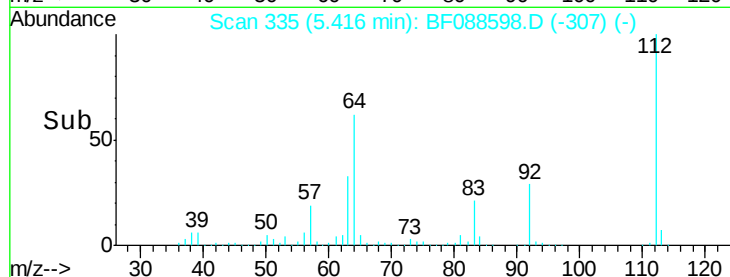
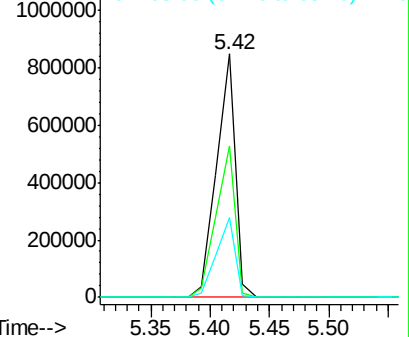
63 32.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 10.99 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

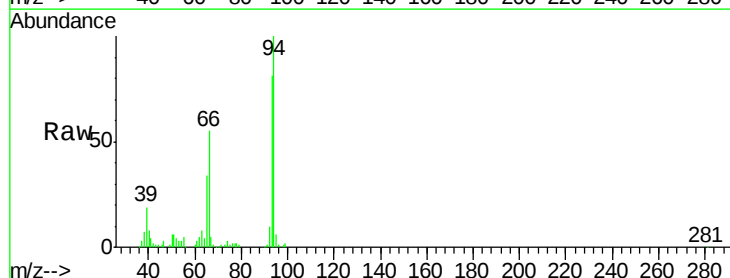
Tgt Ion: 93 Resp: 205853

Ion Ratio Lower Upper

93 100

66 67.2 29.8 44.8#

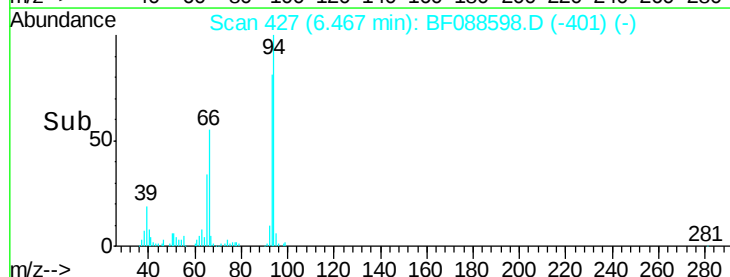
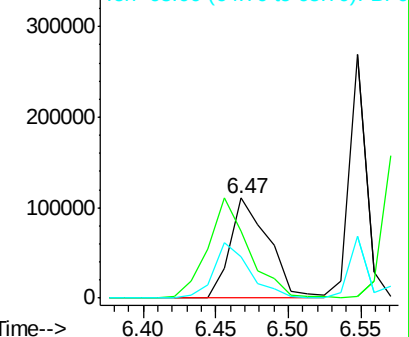
65 41.4 14.9 22.3#

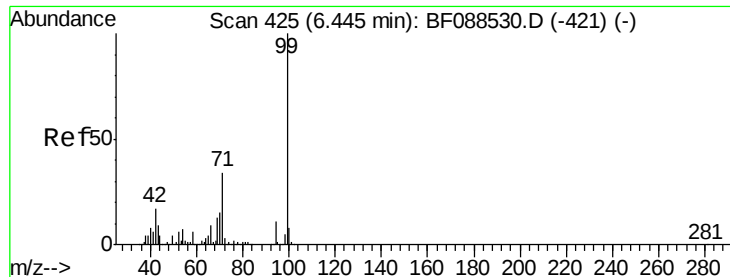


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.97 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

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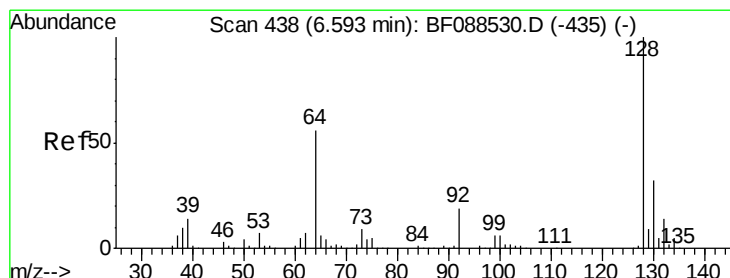
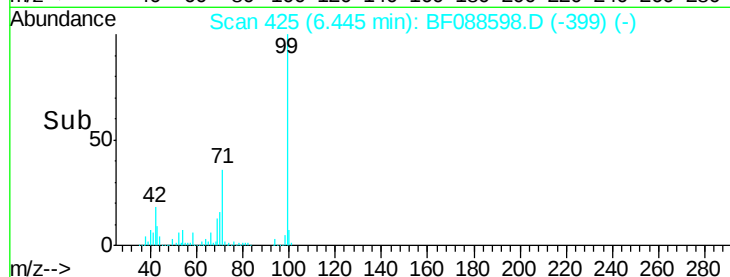
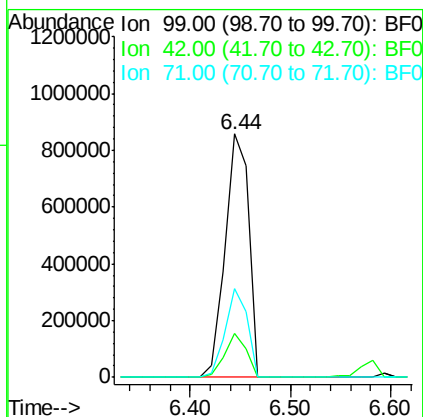
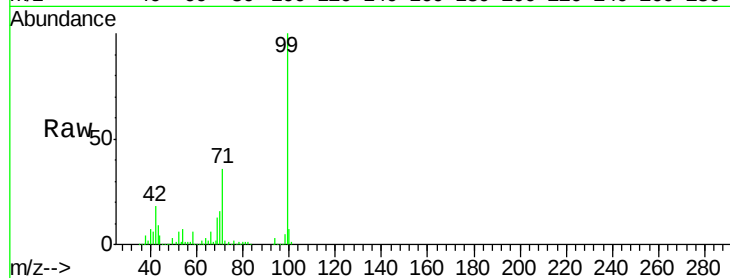
Tgt Ion: 99 Resp: 1388272

Ion Ratio Lower Upper

99 100

42 17.9 12.2 18.2

71 36.2 23.4 35.0#



#8

2-Chlorophenol

Concen: 20.26 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

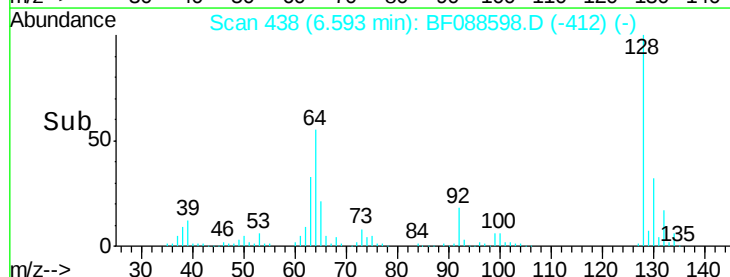
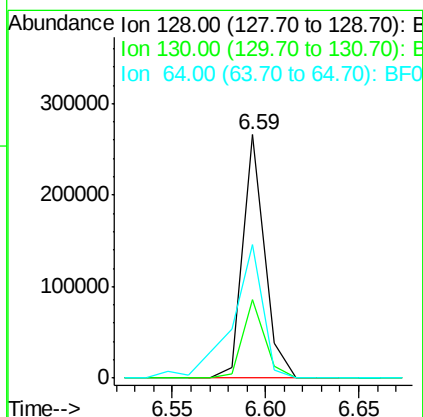
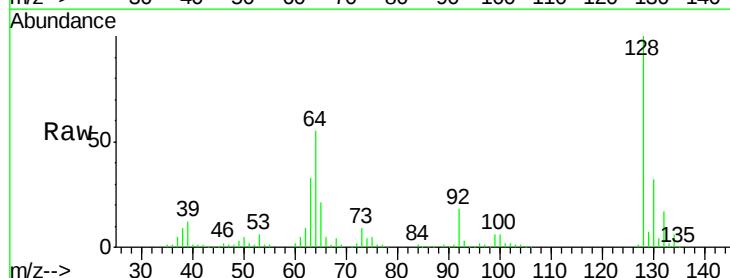
Tgt Ion: 128 Resp: 216670

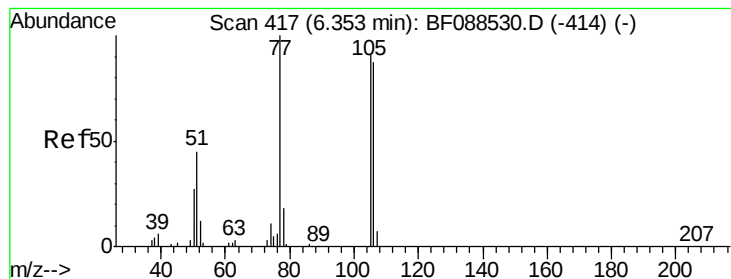
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 54.8 30.8 70.8





#9

Benzaldehyde

Concen: 17.72 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088598.D

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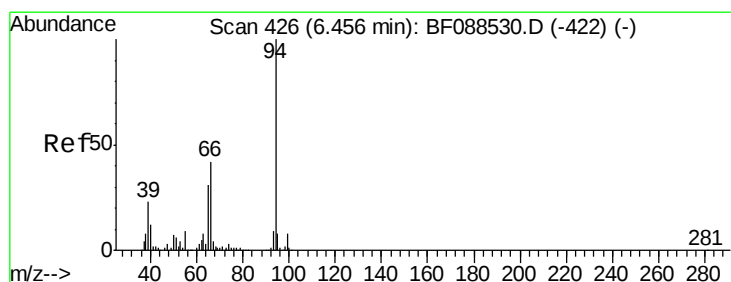
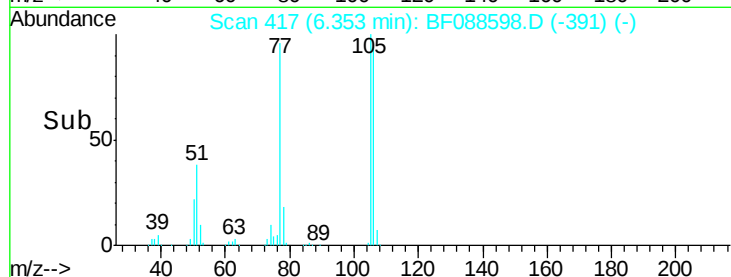
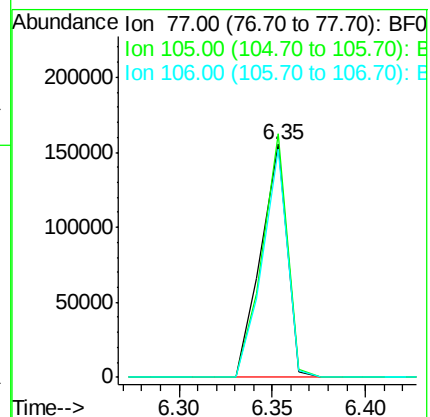
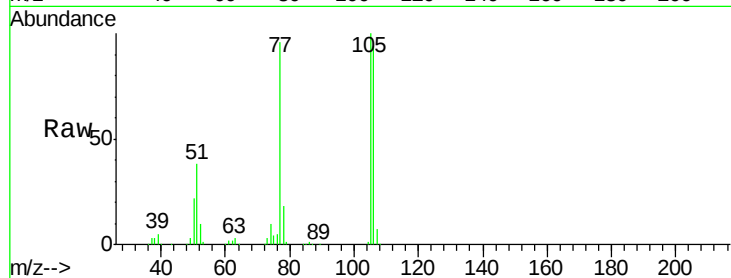
Tgt Ion: 77 Resp: 154358

Ion Ratio Lower Upper

77 100

105 104.4 90.6 130.6

106 97.8 85.3 125.3



#10

Phenol

Concen: 15.12 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

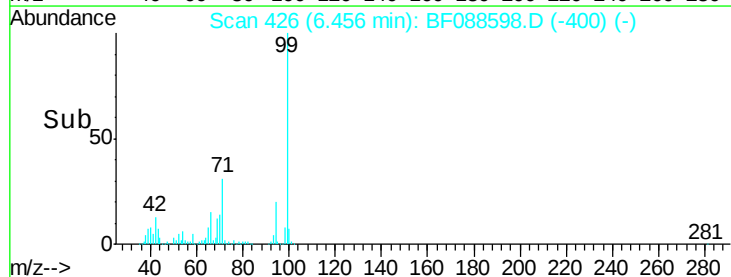
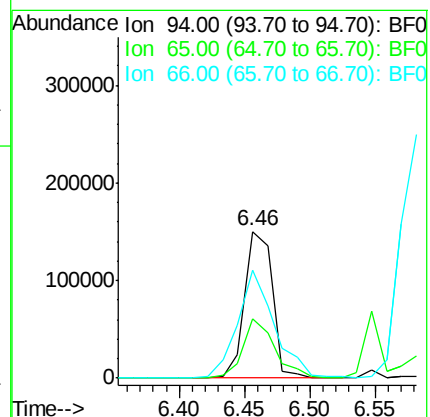
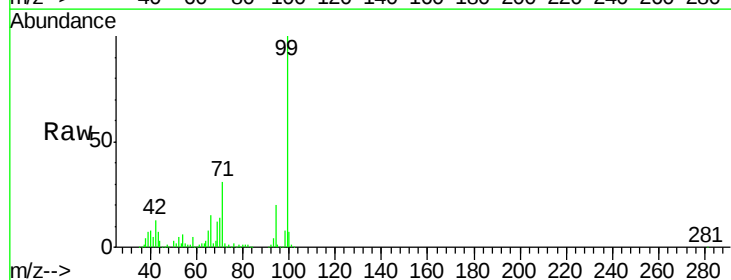
Tgt Ion: 94 Resp: 221945

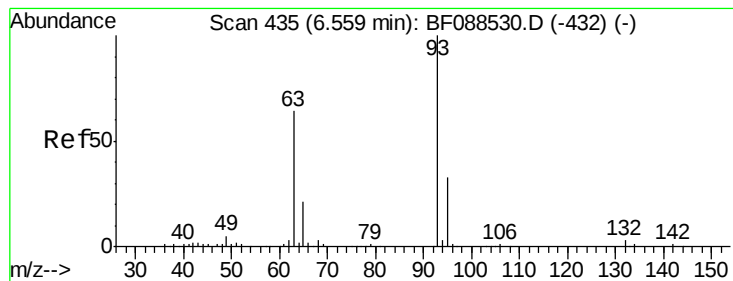
Ion Ratio Lower Upper

94 100

65 40.5 5.9 45.9

66 73.4 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 19.53 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

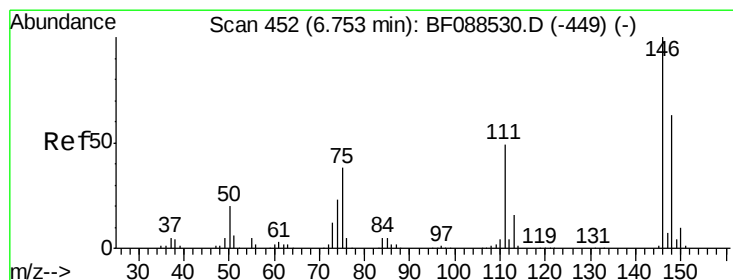
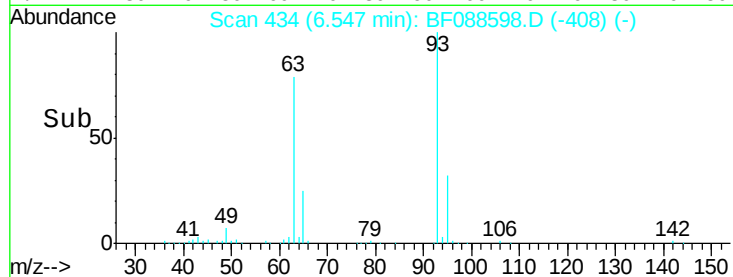
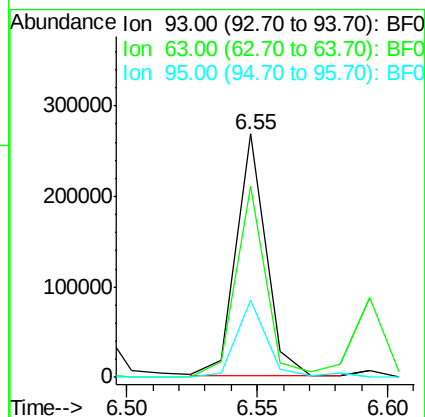
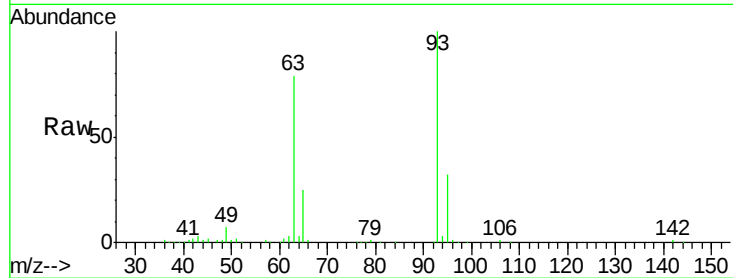
Tgt Ion: 93 Resp: 213736

Ion Ratio Lower Upper

93 100

63 78.5 67.6 107.6

95 31.9 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 18.62 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

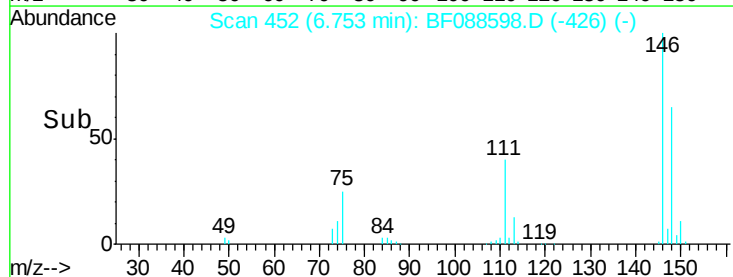
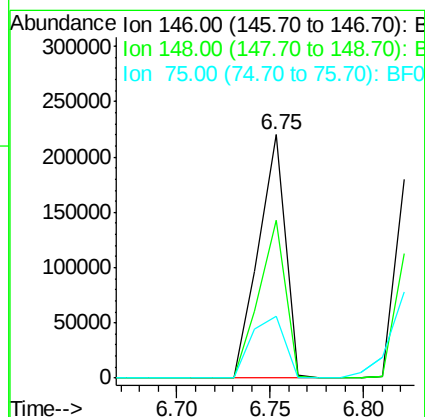
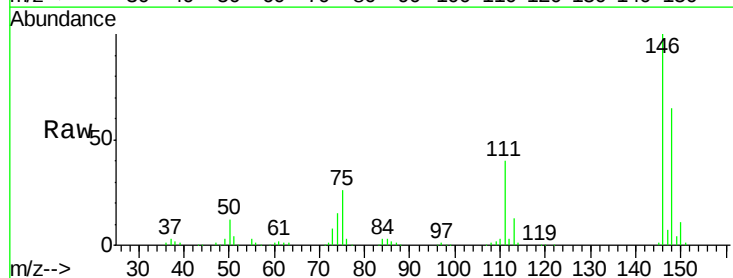
Tgt Ion: 146 Resp: 219168

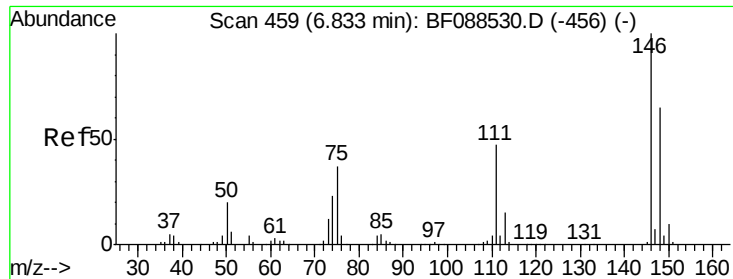
Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

75 25.7 25.6 38.4

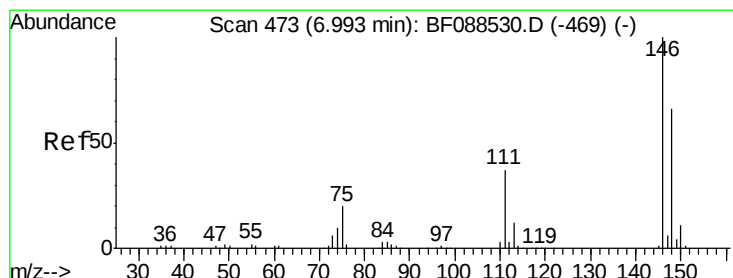
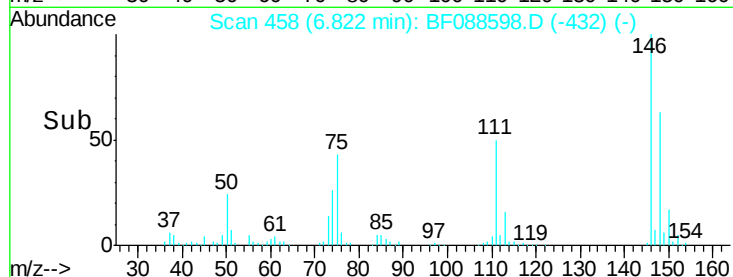
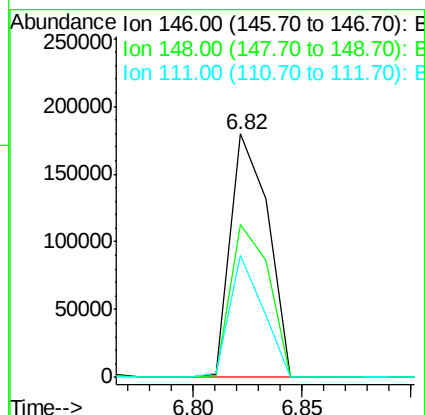
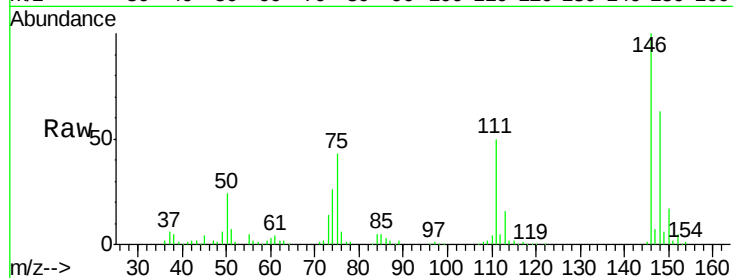




#13
 1,4-Dichlorobenzene
 Concen: 18.43 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

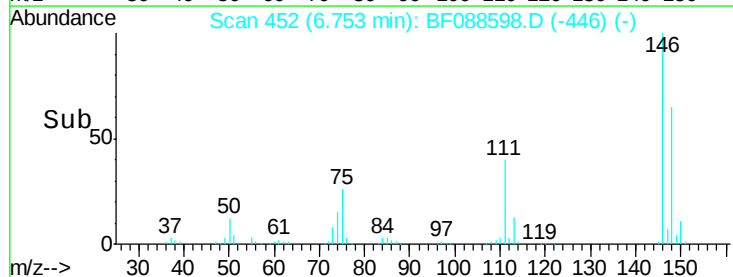
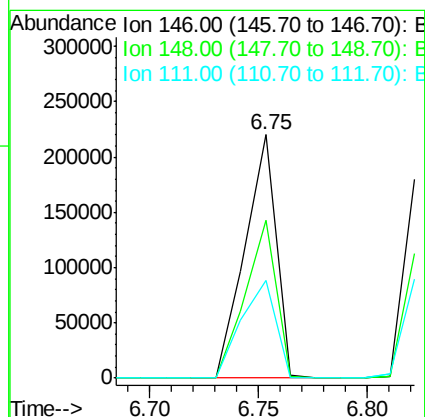
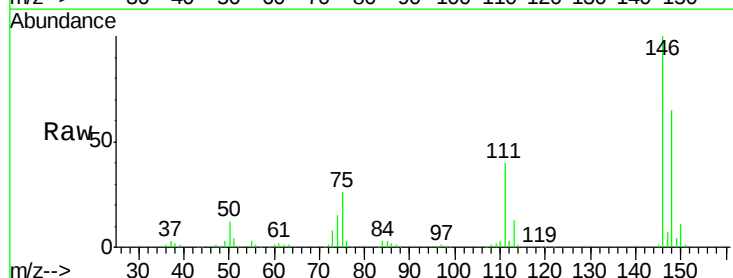
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

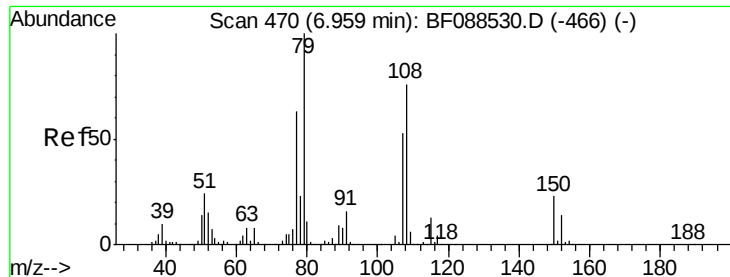
Tgt Ion:146 Resp: 215284
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.0 78.0
 111 50.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 20.04 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.23 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:146 Resp: 219153
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 39.9 28.7 43.1





#15

Benzyl Alcohol

Concen: 20.35 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

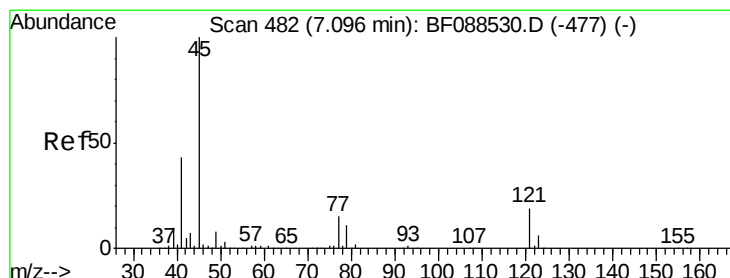
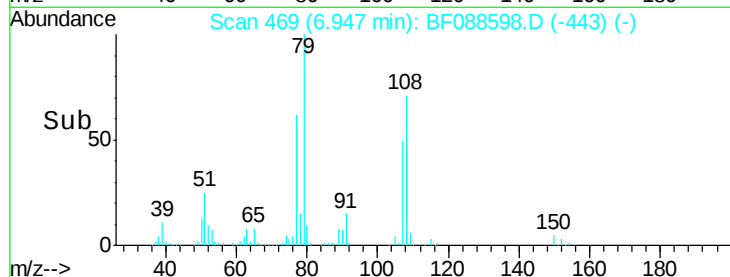
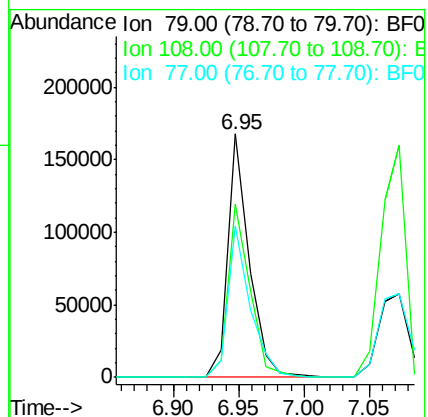
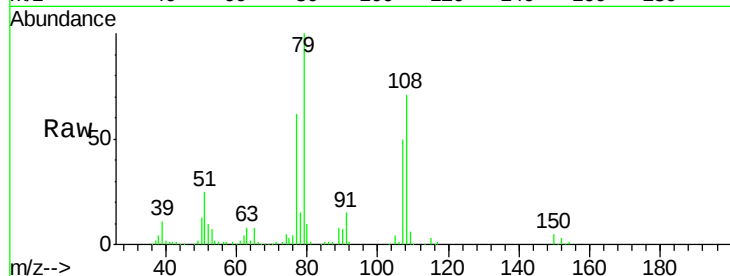
Tgt Ion: 79 Resp: 192552

Ion Ratio Lower Upper

79 100

108 71.1 65.0 97.6

77 62.1 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.00 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

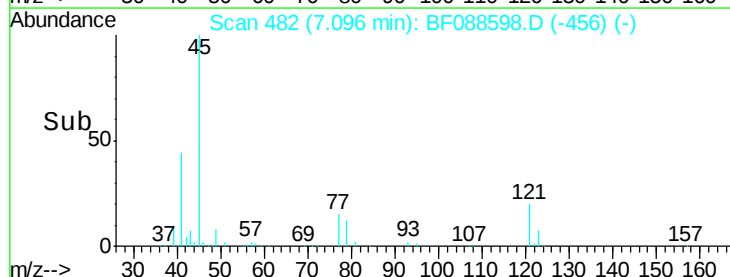
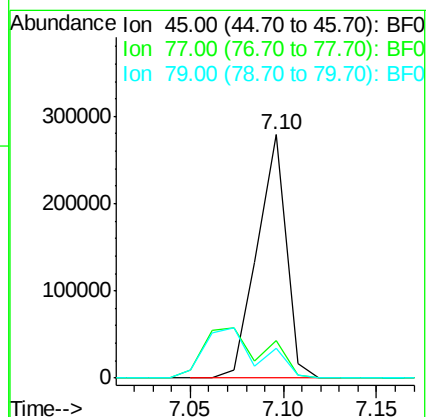
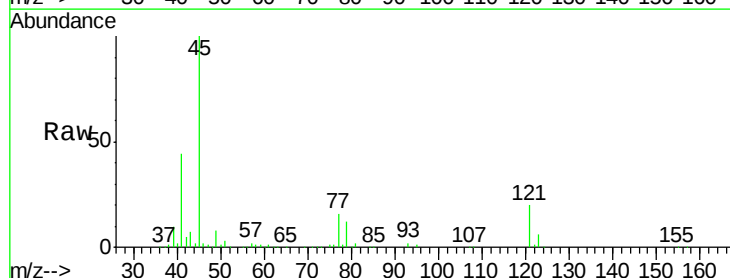
Tgt Ion: 45 Resp: 301065

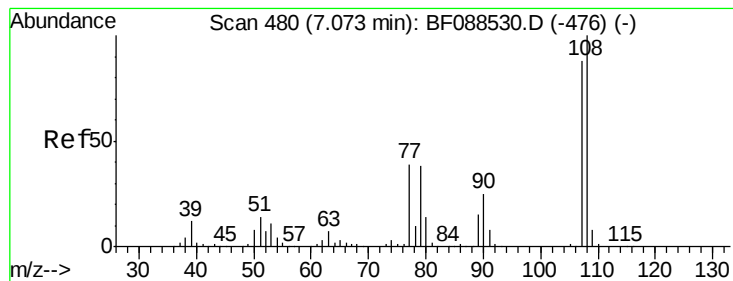
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.5

79 12.0 0.0 29.5





#17

2-Methylphenol

Concen: 21.24 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion:107 Resp: 185304

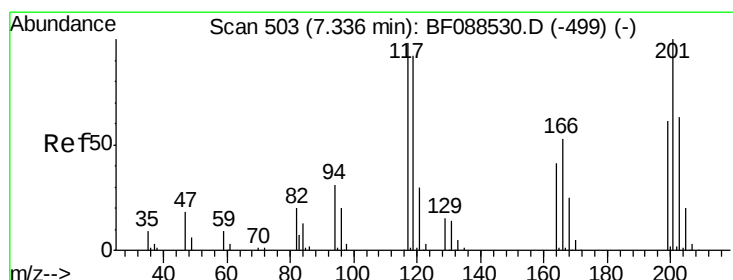
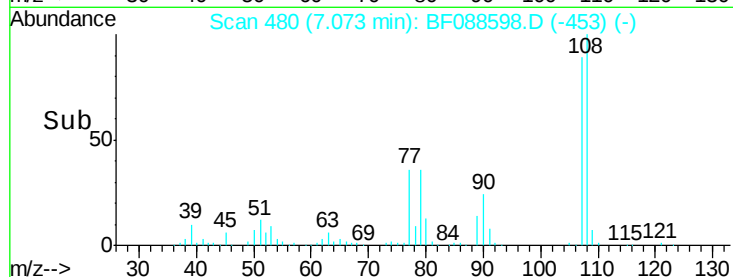
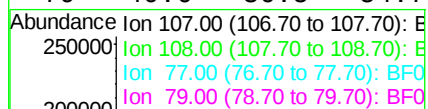
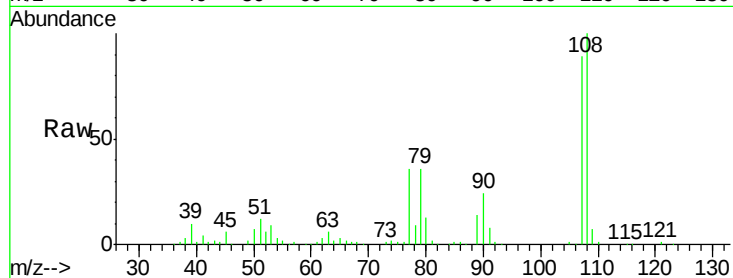
Ion Ratio Lower Upper

107 100

108 112.6 90.9 136.3

77 40.9 36.6 55.0

79 40.6 36.5 54.7



#18

Hexachloroethane

Concen: 16.75 ng

RT: 7.32 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

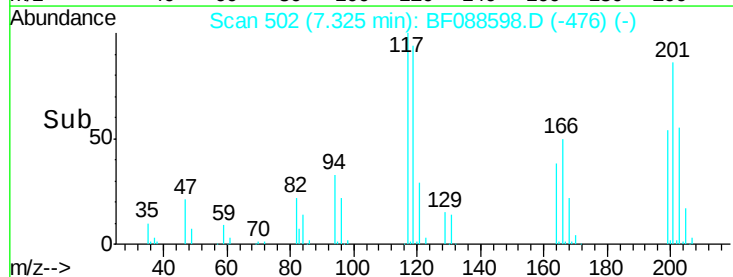
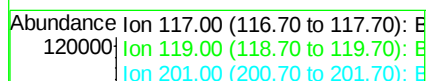
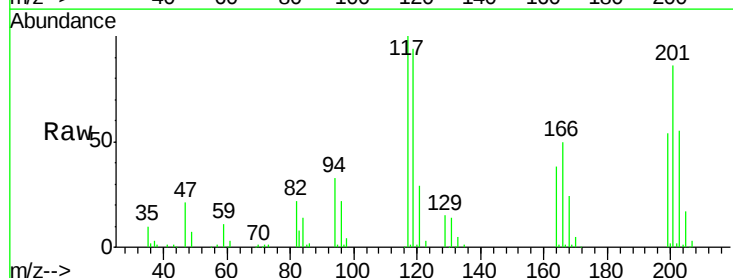
Tgt Ion:117 Resp: 75671

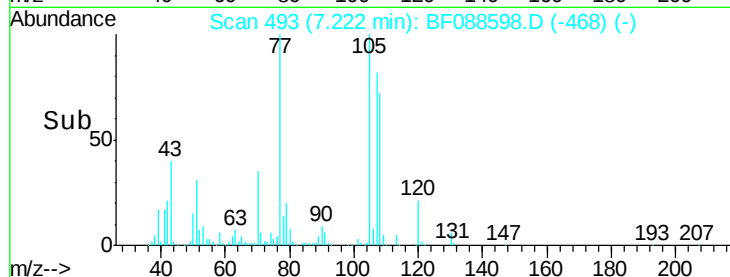
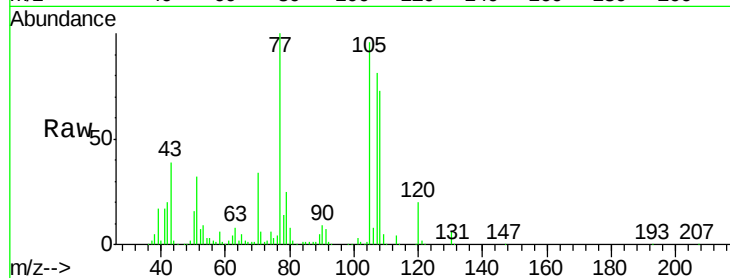
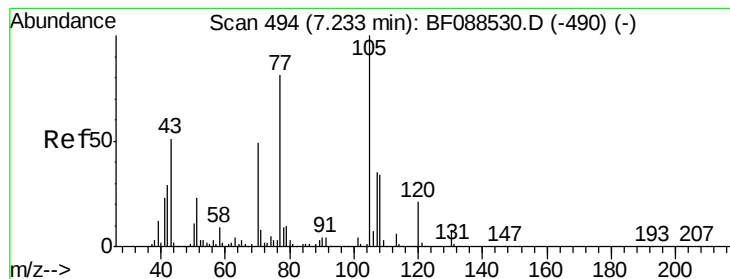
Ion Ratio Lower Upper

117 100

119 93.7 77.4 116.2

201 86.2 80.4 120.6





#19

n-Nitroso-di-n-propylamine

Concen: 18.67 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion: 70 Resp: 161278

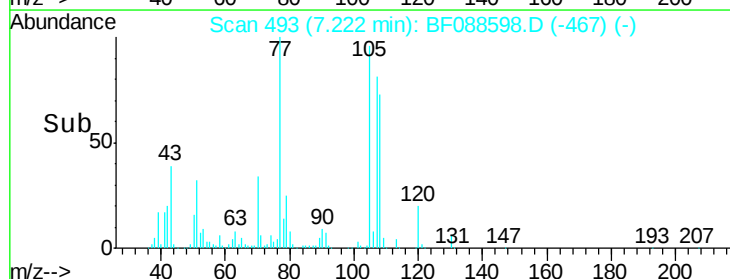
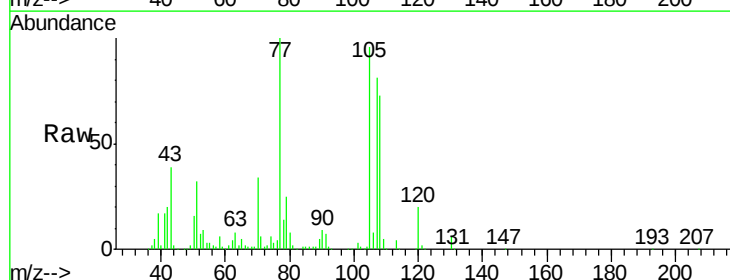
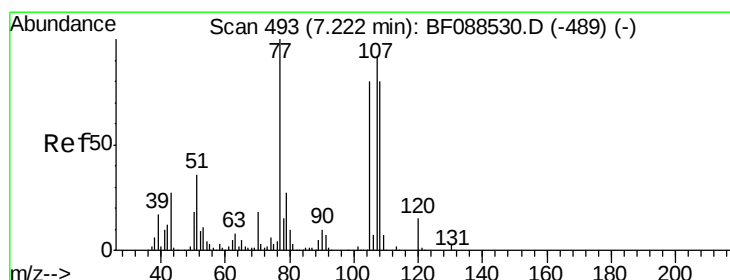
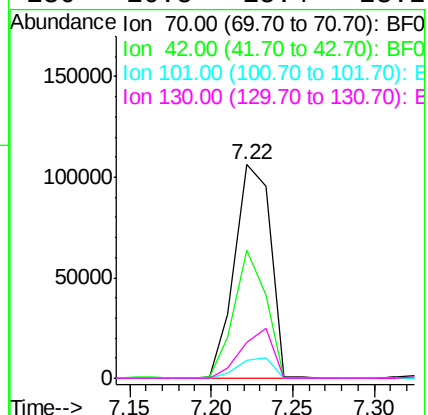
Ion Ratio Lower Upper

70 100

42 59.7 49.6 74.4

101 8.5 7.1 10.7

130 16.8 15.4 23.2



#20

3+4-Methylphenols

Concen: 21.62 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Tgt Ion: 107 Resp: 226421

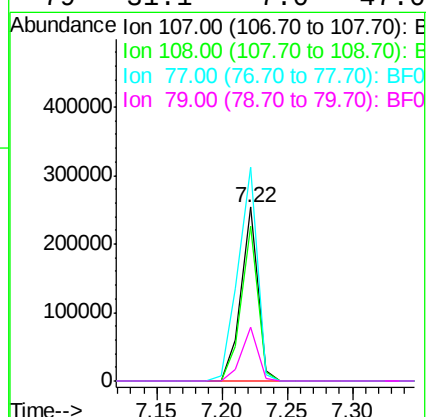
Ion Ratio Lower Upper

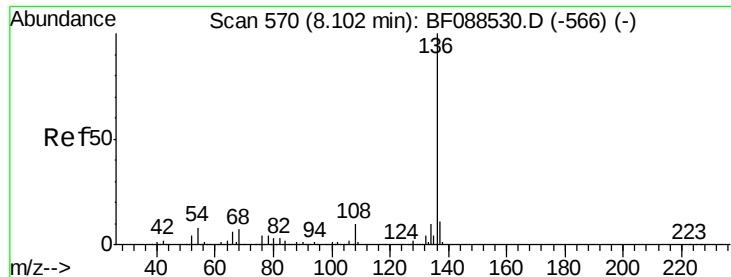
107 100

108 89.4 67.8 107.8

77 123.1 59.3 99.3#

79 31.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

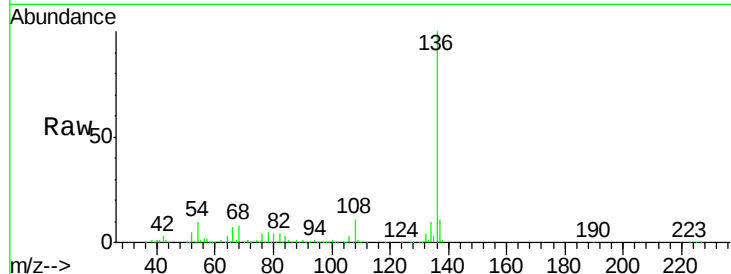
Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion:	136	Resp:	550835
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	10.2	6.6	10.0#
68	8.5	5.1	7.7#

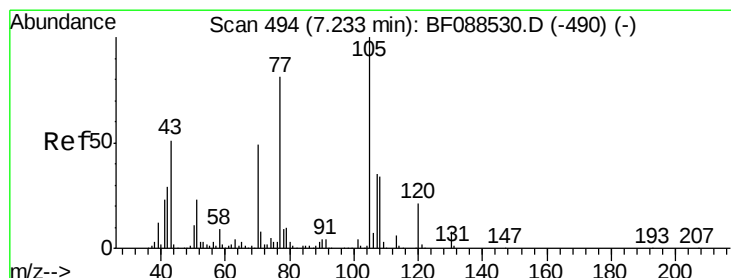
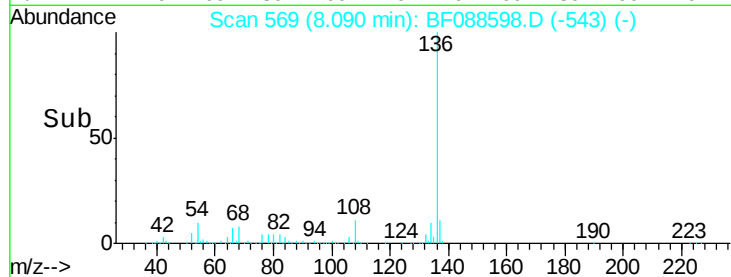
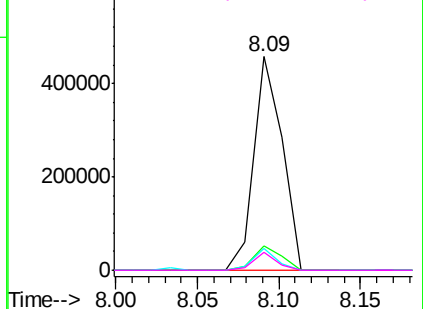


Abundance Ion 136.00 (135.70 to 136.70): E

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: 23.36 ng

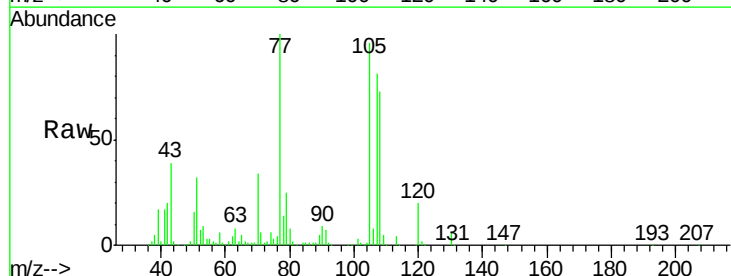
RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Tgt Ion:	105	Resp:	312343
Ion Ratio	Lower	Upper	
105	100		
71	6.1	5.3	7.9
51	33.2	18.2	27.4#
120	20.5	18.0	27.0

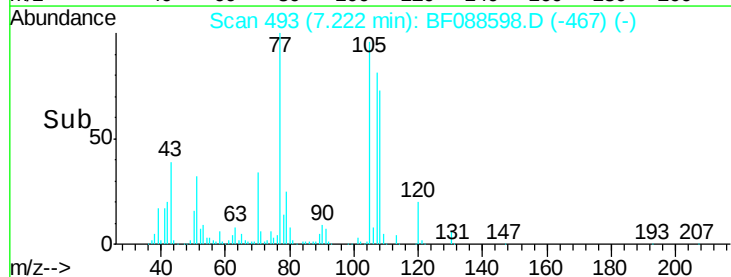
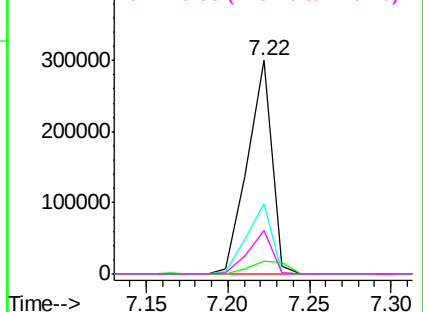


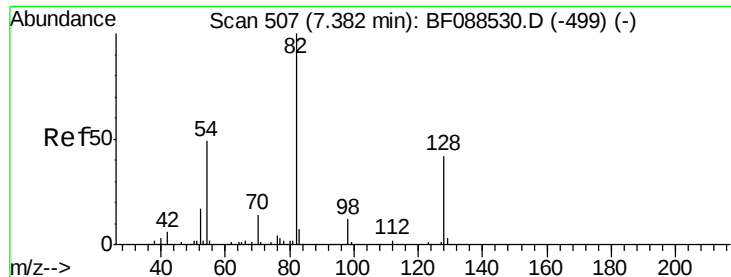
Abundance Ion 105.00 (104.70 to 105.70): E

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: 84.06 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

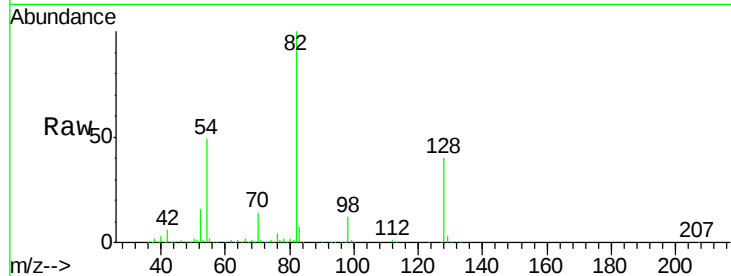
Tgt Ion: 82 Resp: 883523

Ion Ratio Lower Upper

82 100

128 40.3 35.9 53.9

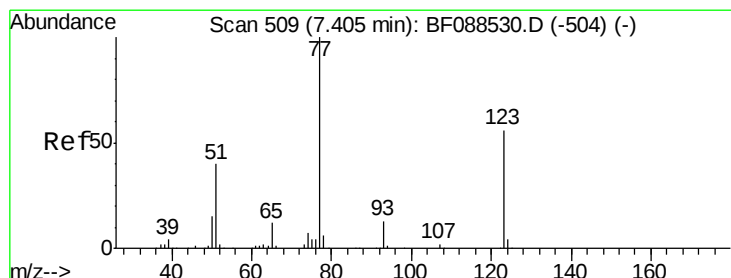
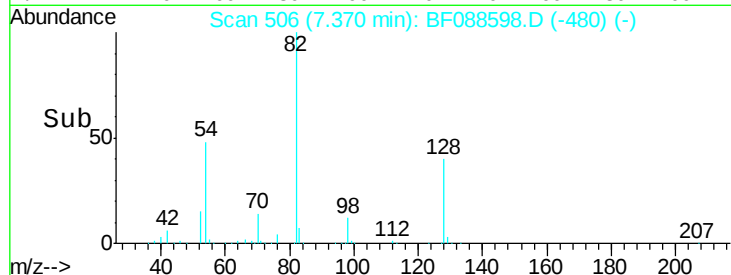
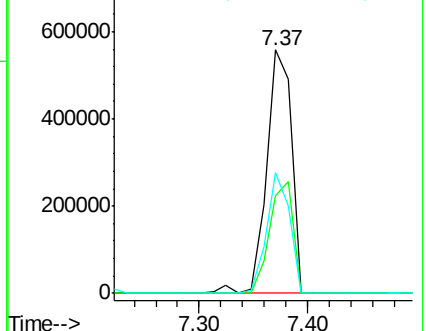
54 49.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 25.30 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

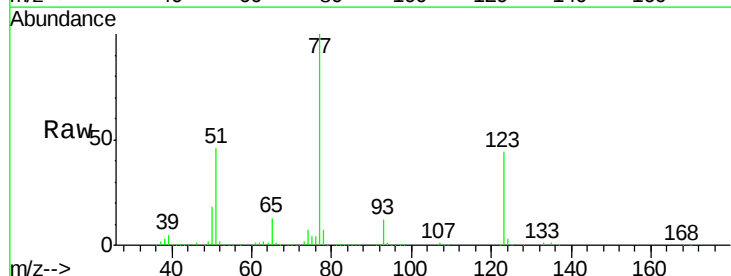
Tgt Ion: 77 Resp: 268156

Ion Ratio Lower Upper

77 100

123 44.1 45.0 67.4#

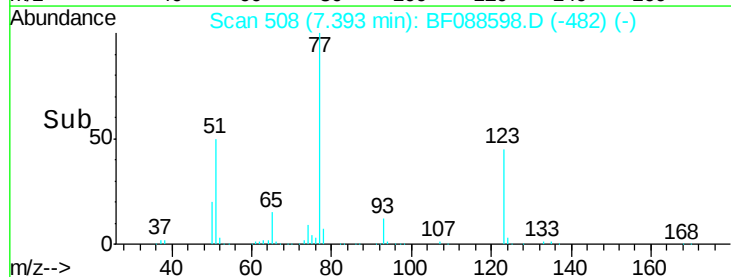
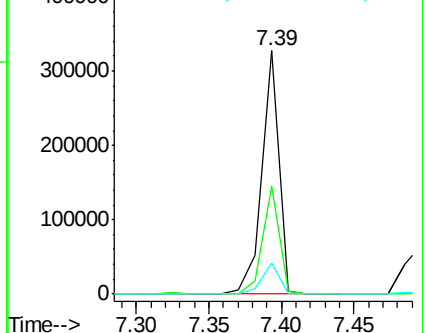
65 12.8 10.2 15.2

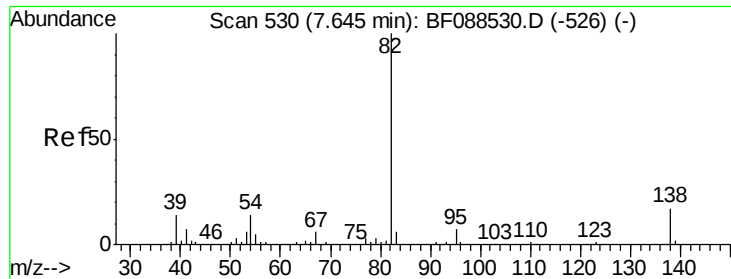


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.04 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

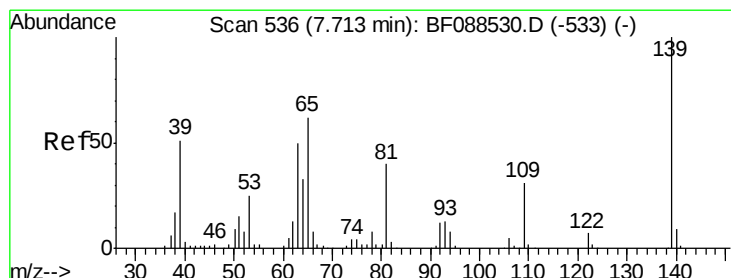
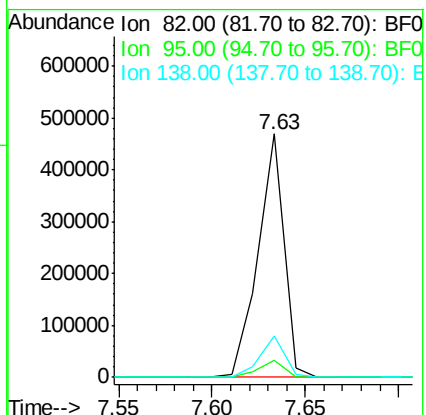
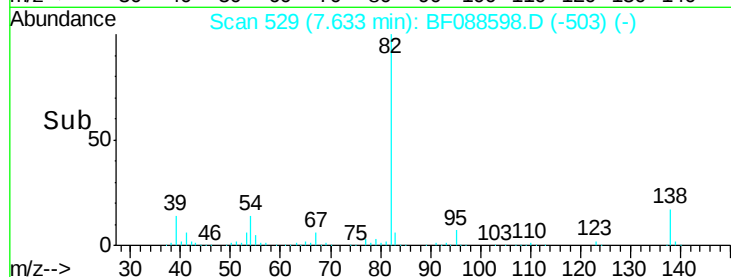
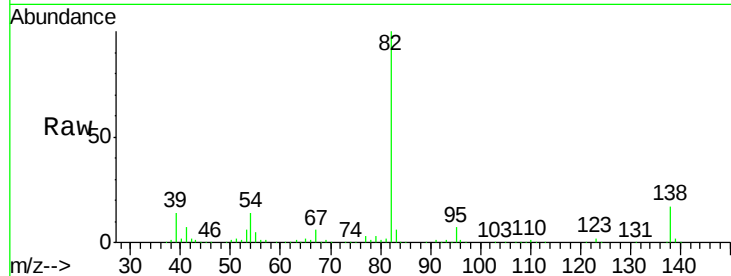
Tgt Ion: 82 Resp: 448541

Ion Ratio Lower Upper

82 100

95 7.1 5.4 8.2

138 17.2 14.6 21.8



#26

2-Nitrophenol

Concen: 20.92 ng

RT: 7.71 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

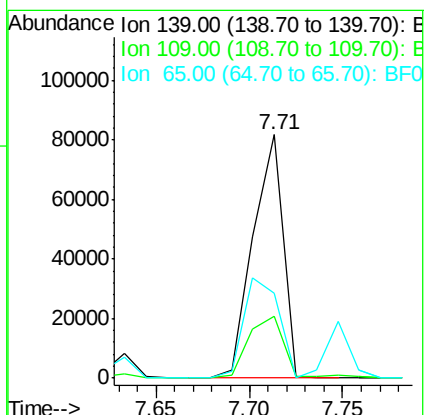
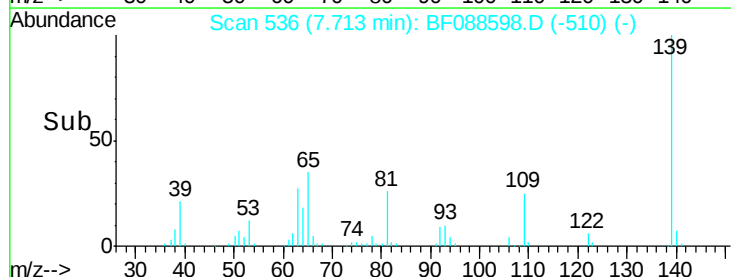
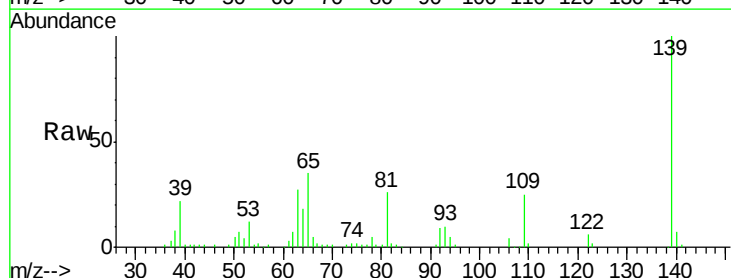
Tgt Ion: 139 Resp: 90910

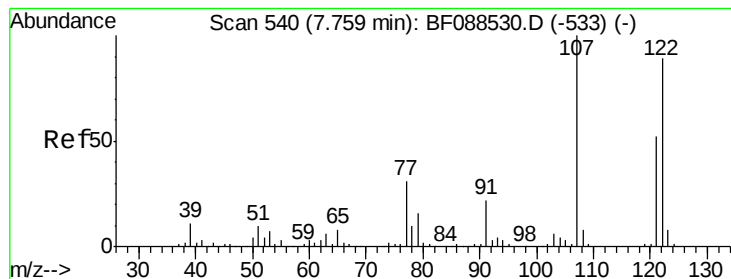
Ion Ratio Lower Upper

139 100

109 25.5 23.0 34.4

65 34.6 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 18.70 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

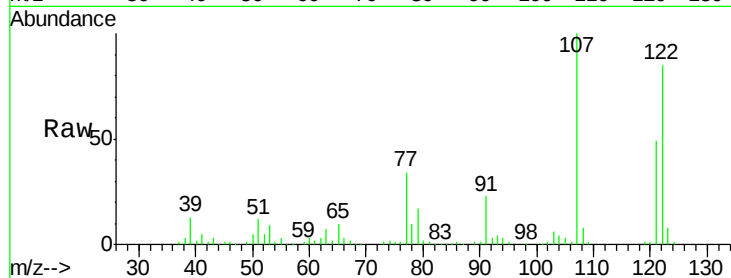
Tgt Ion:122 Resp: 169286

Ion Ratio Lower Upper

122 100

107 118.3 82.4 123.6

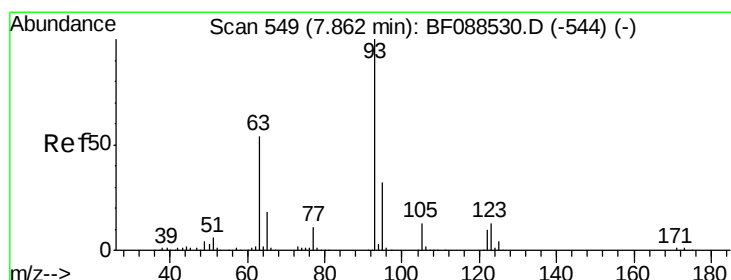
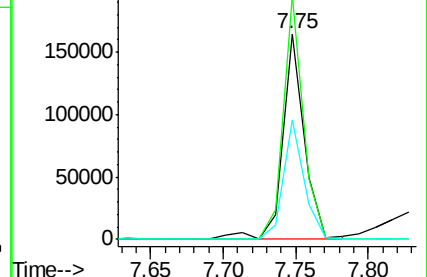
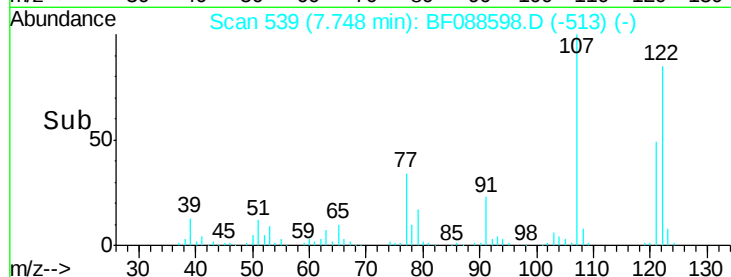
121 58.0 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.08 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

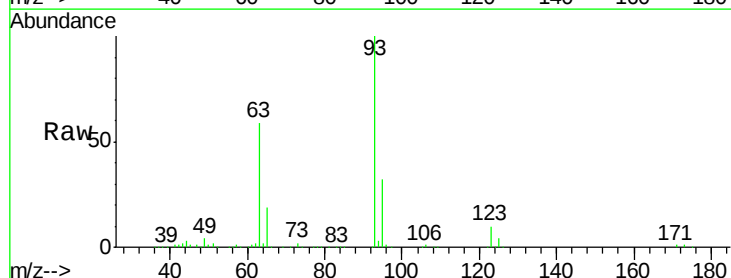
Tgt Ion: 93 Resp: 305137

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

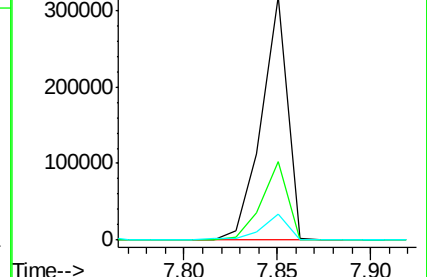
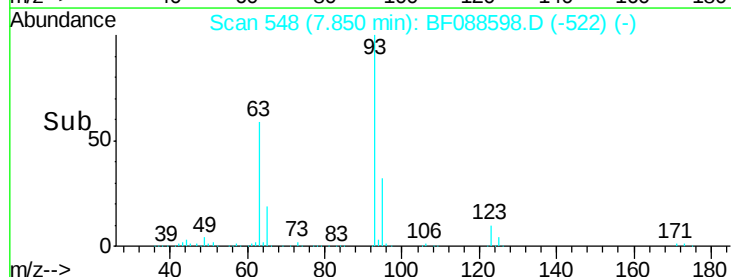
123 10.5 11.6 17.4#

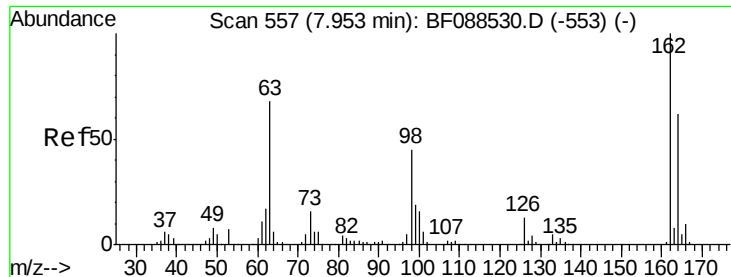


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

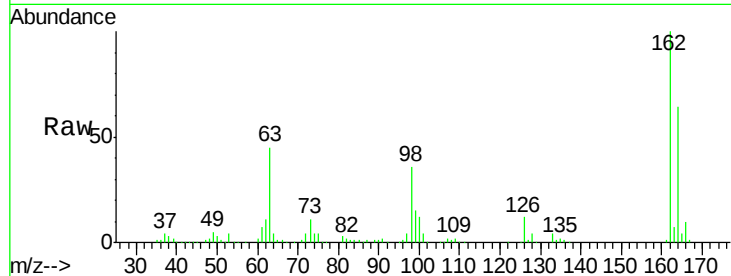




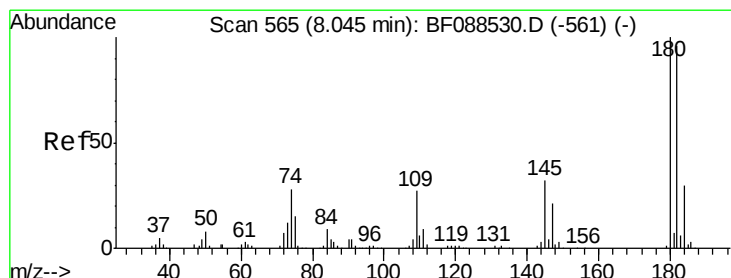
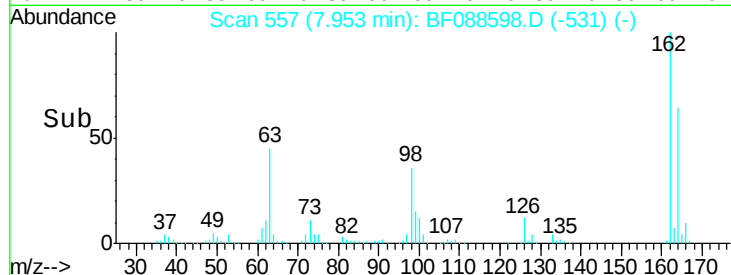
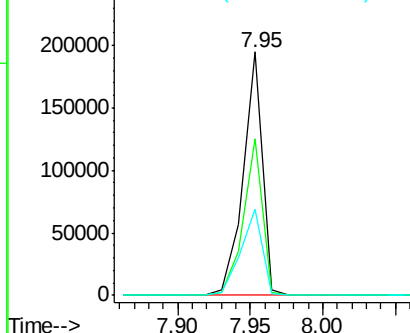
#29
 2,4-Dichlorophenol
 Concen: 24.44 ng
 RT: 7.95 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.8	83.8
98	35.6	21.3	61.3

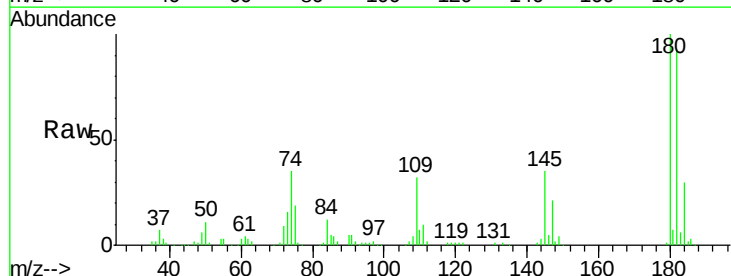


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

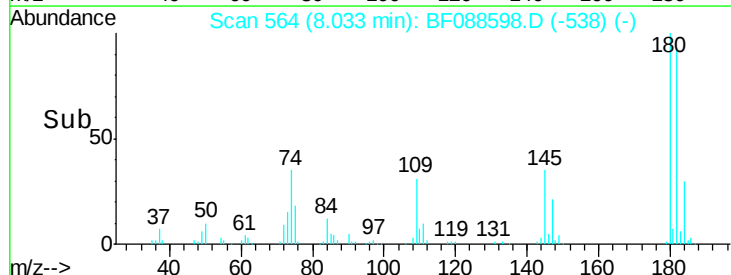
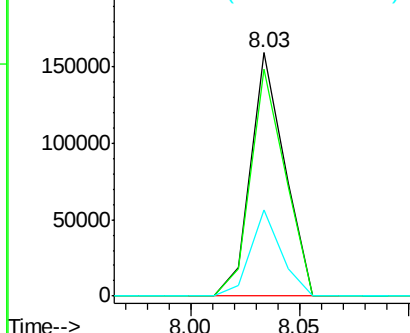


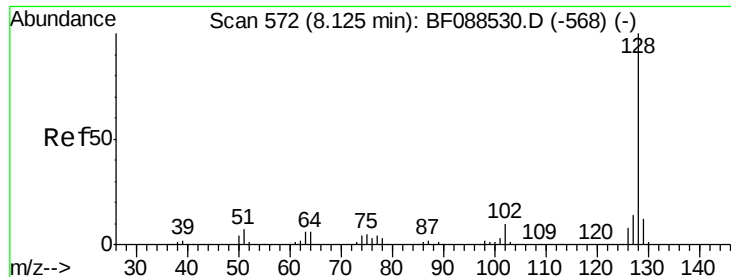
#30
 1,2,4-Trichlorobenzene
 Concen: 21.56 ng
 RT: 8.03 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.0	114.0
145	35.3	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

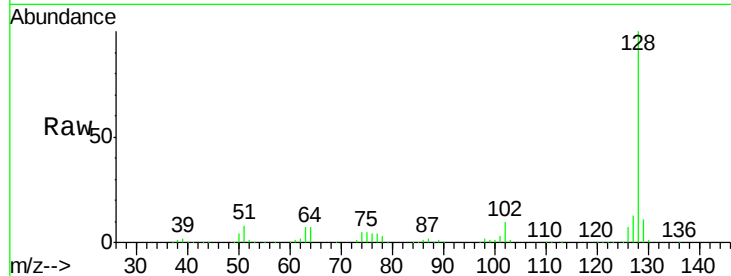




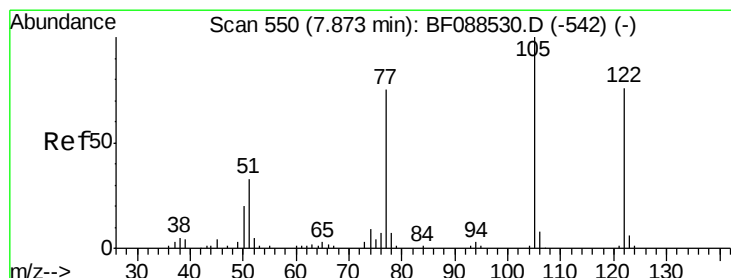
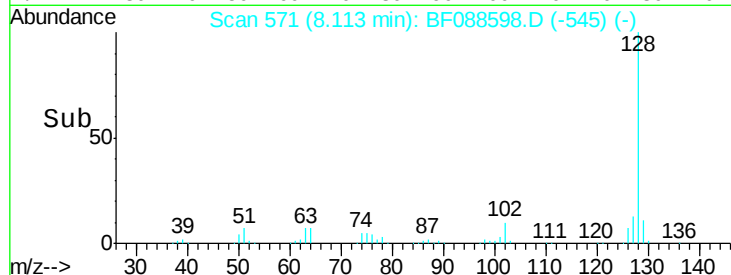
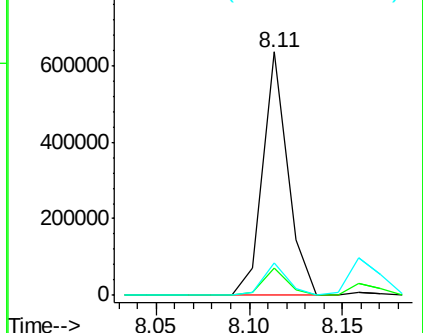
#31
Naphthalene
Concen: 21.63 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion:128 Resp: 587388
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.3 10.9 16.3

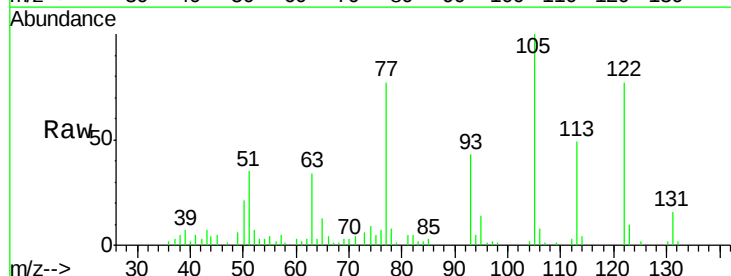


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

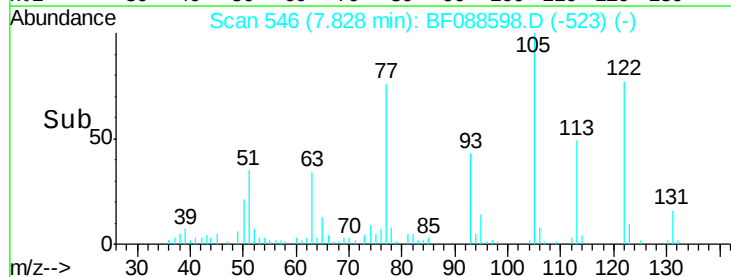
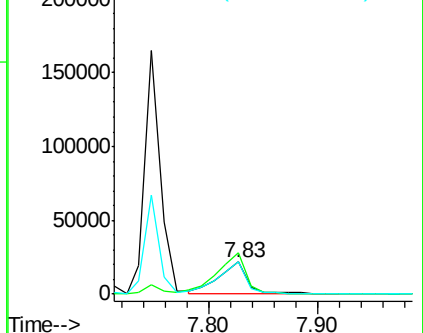


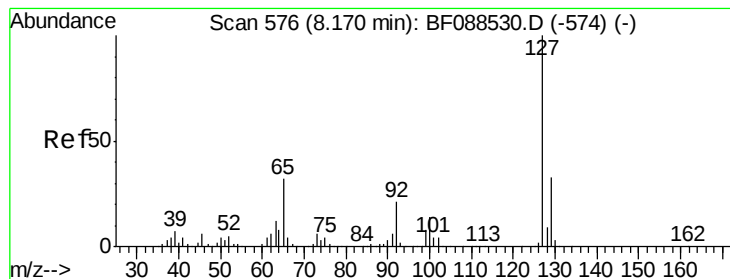
#32
Benzoic acid
Concen: 6.10 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Tgt Ion:122 Resp: 40099
Ion Ratio Lower Upper
122 100
105 129.1 101.6 141.6
77 99.6 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: 9.84 ng

RT: 8.16 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion:127 Resp: 118830

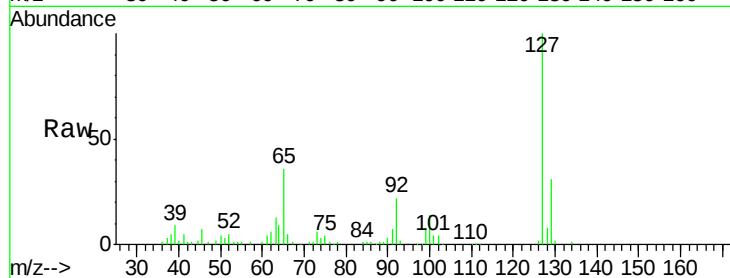
Ion Ratio Lower Upper

127 100

129 31.3 26.3 39.5

65 35.6 24.7 37.1

92 21.6 15.4 23.0

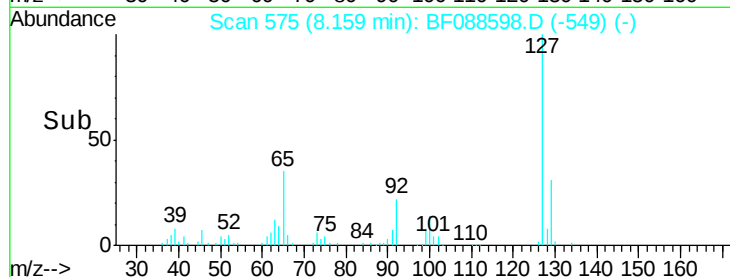


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

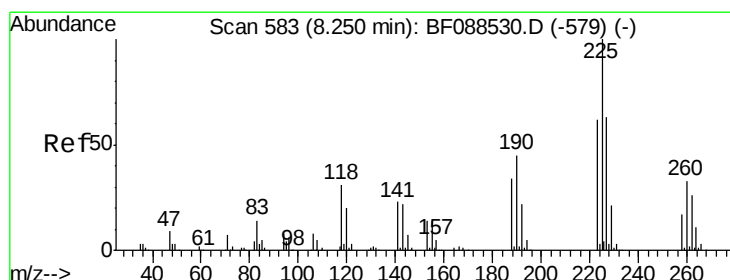
Ion 92.00 (91.70 to 92.70): BF0



Abundance

8.16

Time-->



#34

Hexachlorobutadiene

Concen: 22.01 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

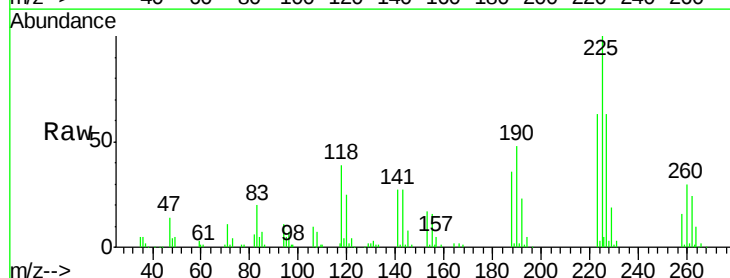
Tgt Ion:225 Resp: 94629

Ion Ratio Lower Upper

225 100

223 63.0 50.9 76.3

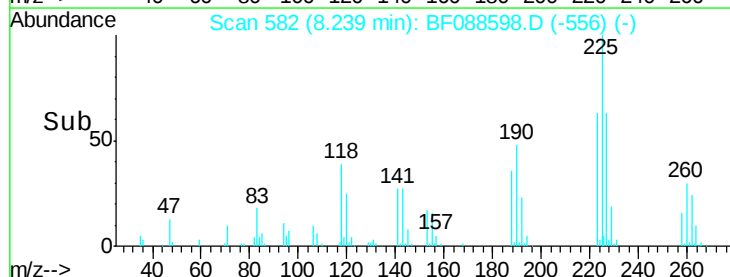
227 63.2 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

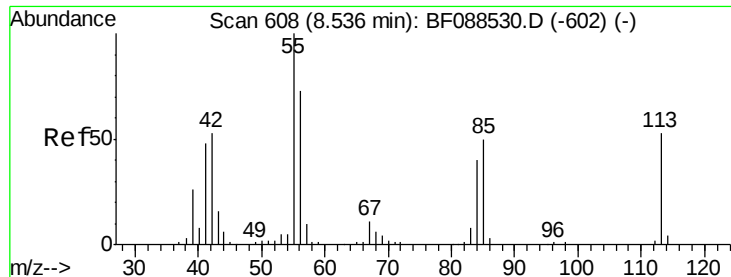
Ion 227.00 (226.70 to 227.70): E



Abundance

8.24

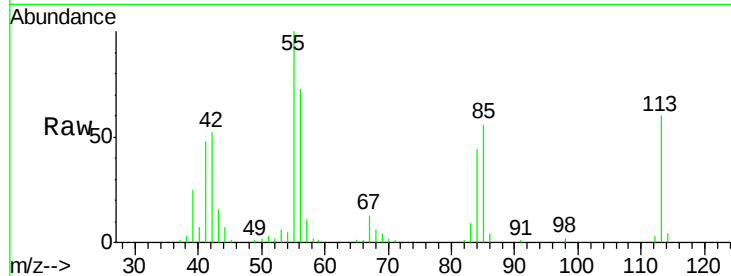
Time-->



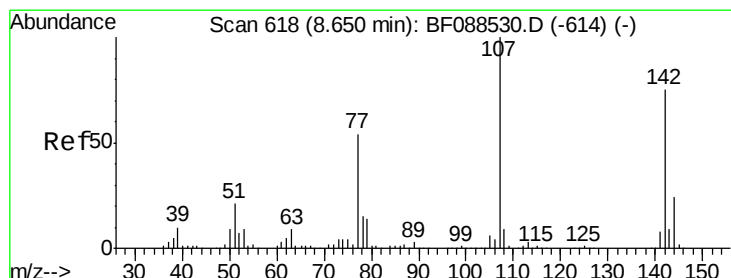
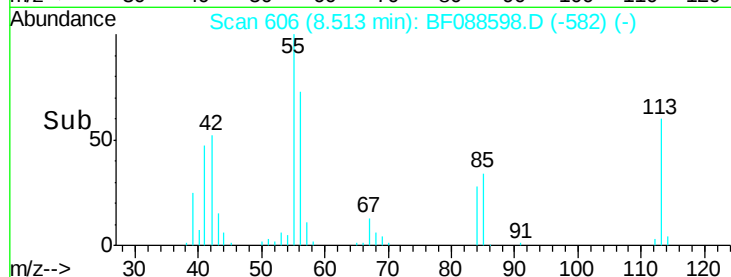
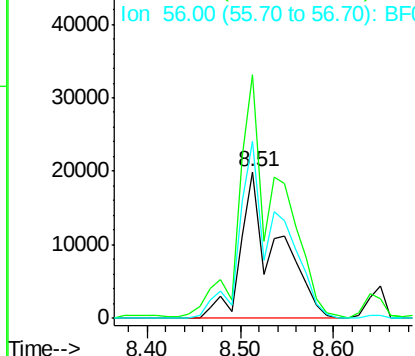
#35
 Caprolactam
 Concen: 21.88 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion:113 Resp: 54366
 Ion Ratio Lower Upper
 113 100
 55 166.4 158.6 198.6
 56 120.7 110.6 150.6

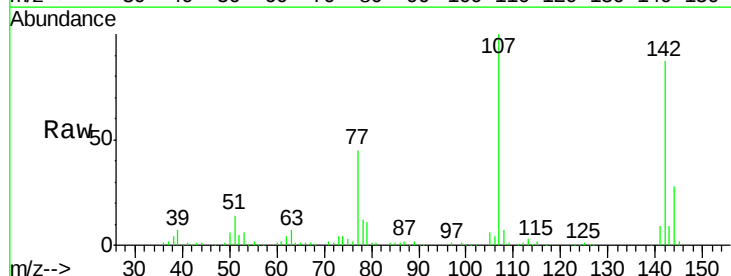


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

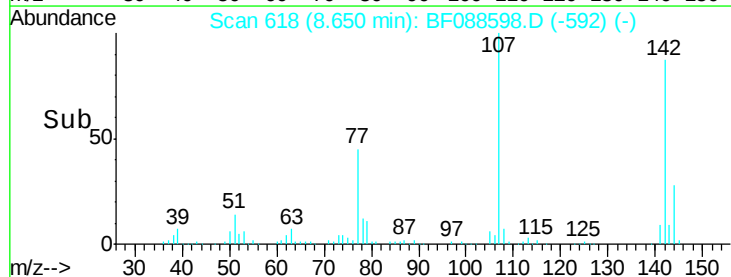
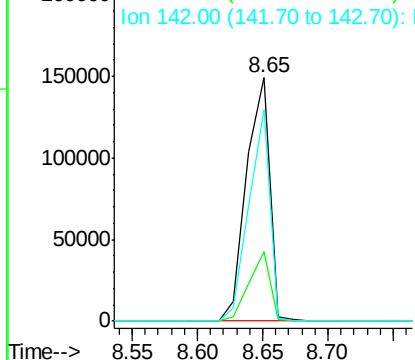


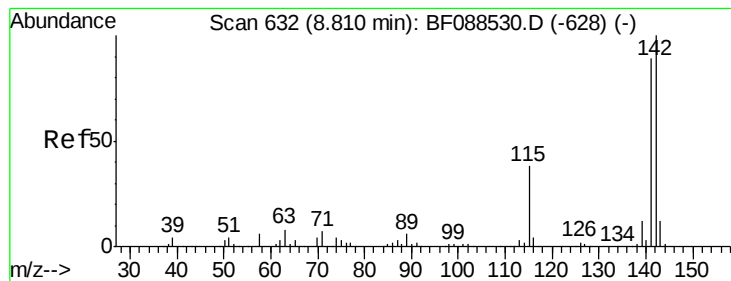
#36
 4-Chloro-3-methylphenol
 Concen: 21.35 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:107 Resp: 184659
 Ion Ratio Lower Upper
 107 100
 144 28.4 20.8 31.2
 142 86.9 63.4 95.2



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





#37

2-Methylnaphthalene

Concen: 22.35 ng

RT: 8.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

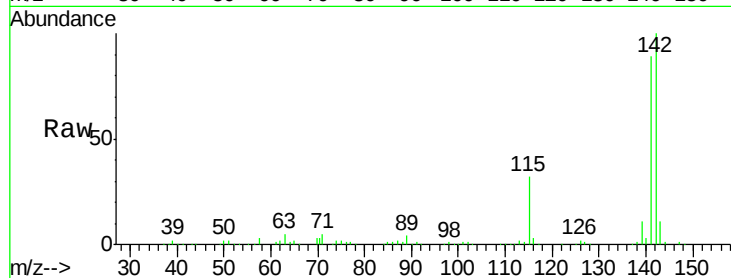
Tgt Ion:142 Resp: 390832

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6

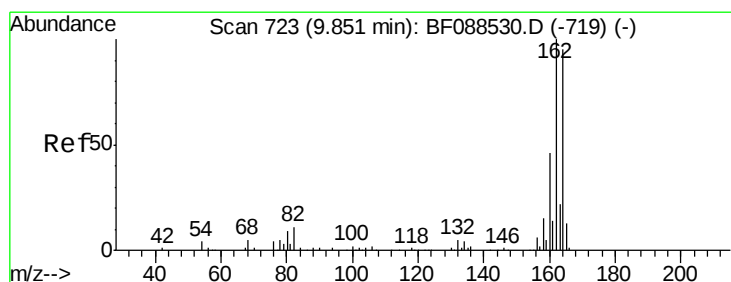
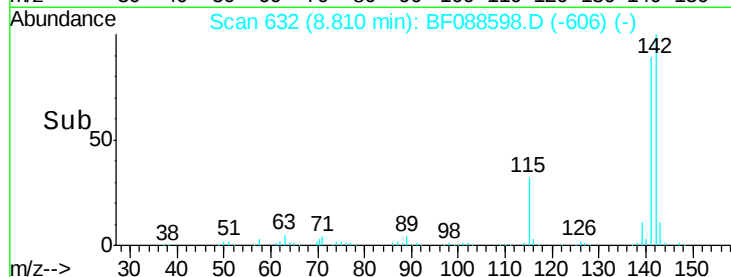
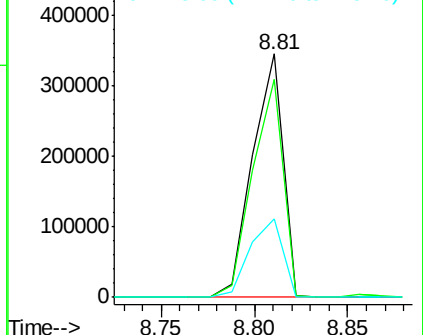
115 32.1 22.6 33.8



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. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

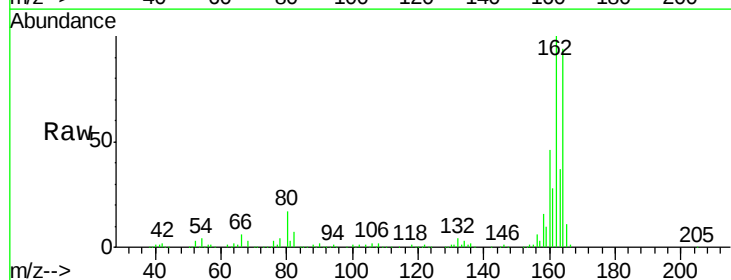
Tgt Ion:164 Resp: 244585

Ion Ratio Lower Upper

164 100

162 106.5 85.4 128.2

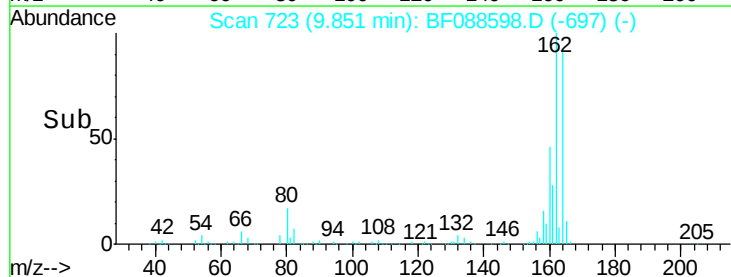
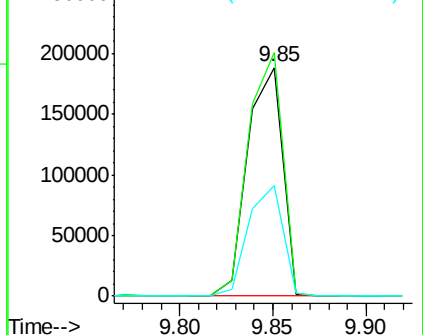
160 48.6 39.5 59.3

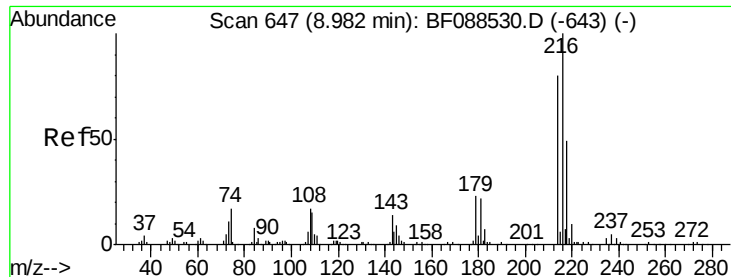


Abundance Ion 164.00 (163.70 to 164.70): E

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: 19.05 ng

RT: 8.97 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

Tgt Ion:216 Resp: 154958

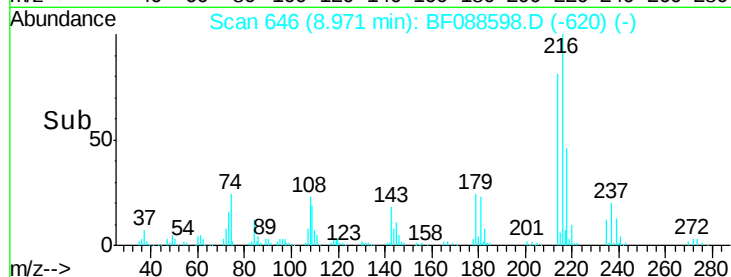
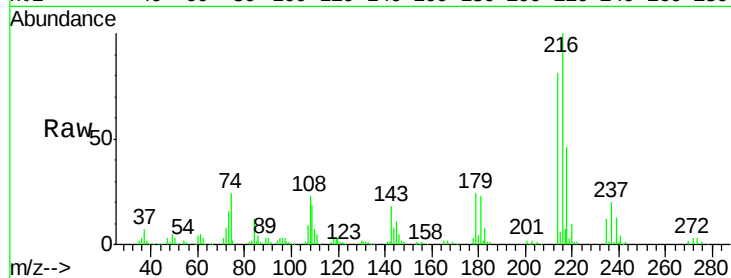
Ion Ratio Lower Upper

216 100

214 80.0 2.9 4.3#

179 23.2 0.0 0.0#

108 23.2 0.5 0.7#

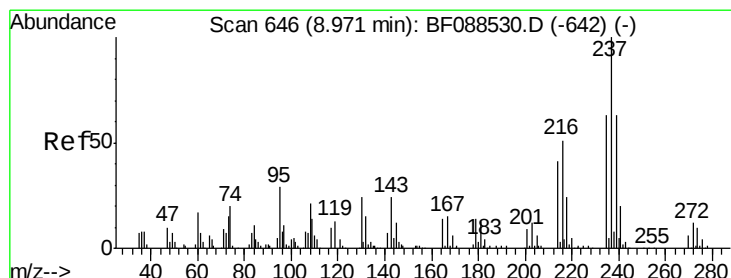
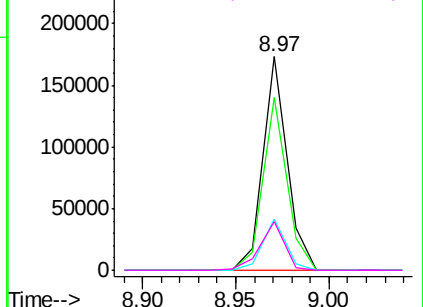


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.43 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

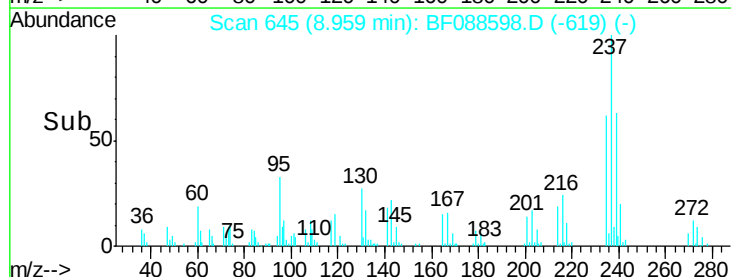
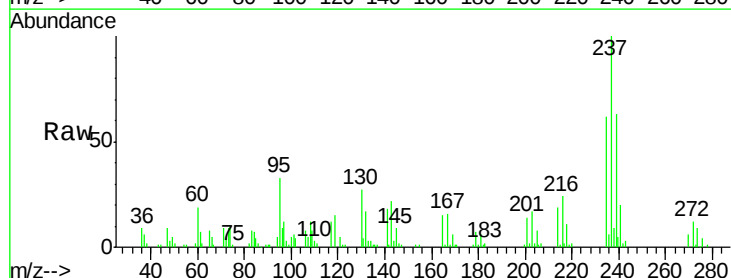
Tgt Ion:237 Resp: 81558

Ion Ratio Lower Upper

237 100

235 62.1 43.4 83.4

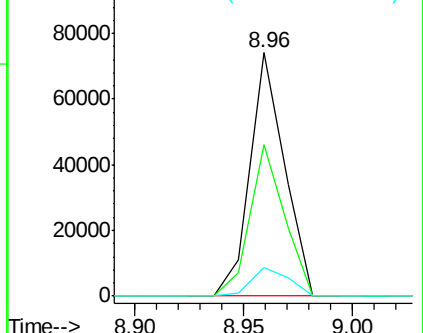
272 11.5 0.0 32.3

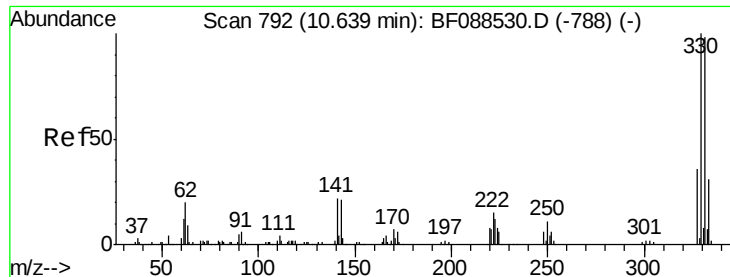


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

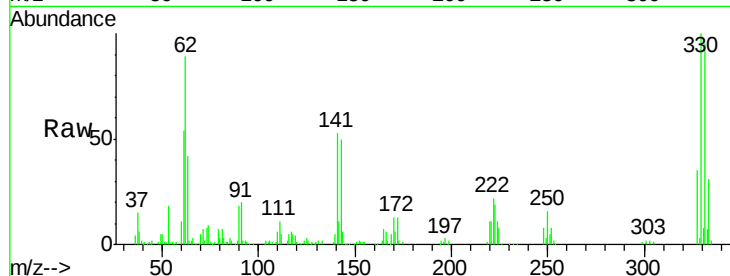




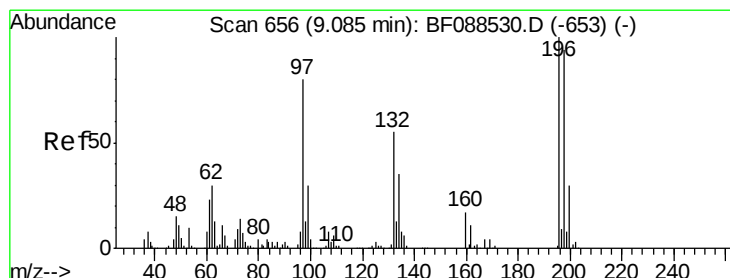
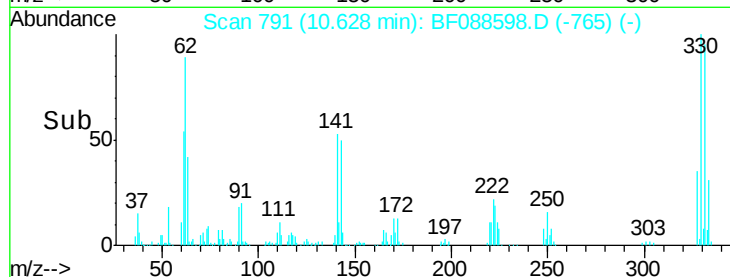
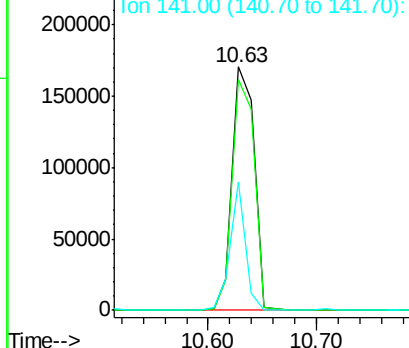
#41
 2,4,6-Tribromophenol
 Concen: 104.23 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion:330 Resp: 236737
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 36.7 0.0 0.0#

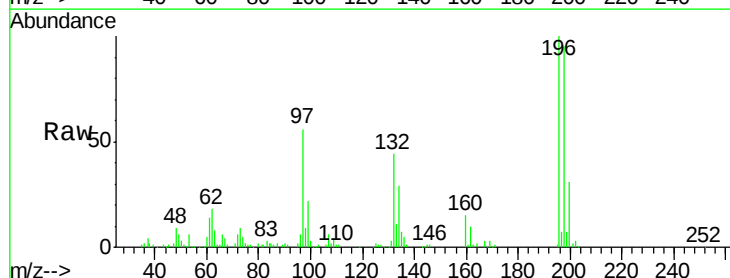


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

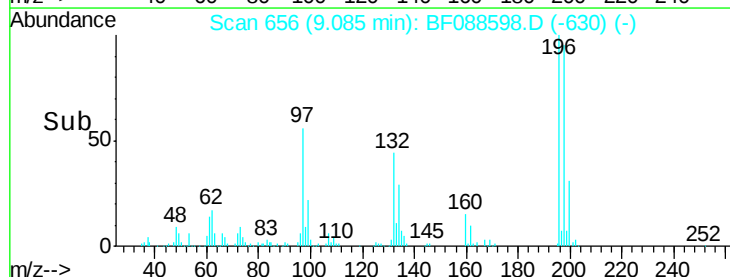
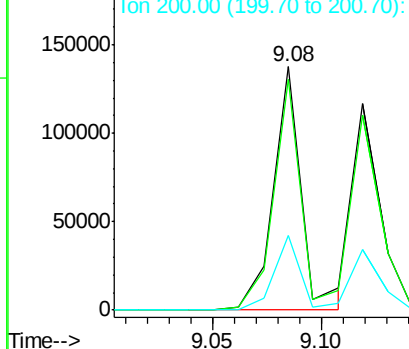


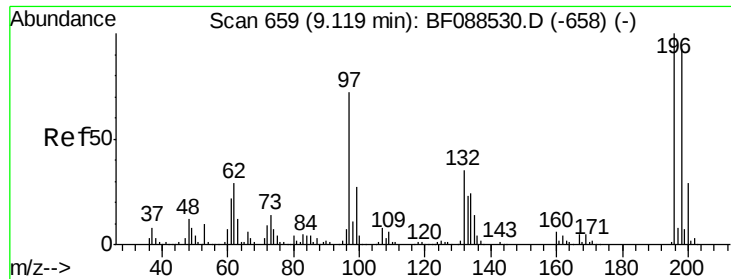
#42
 2,4,6-Trichlorophenol
 Concen: 23.37 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:196 Resp: 125331
 Ion Ratio Lower Upper
 196 100
 198 95.0 78.0 117.0
 200 30.8 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

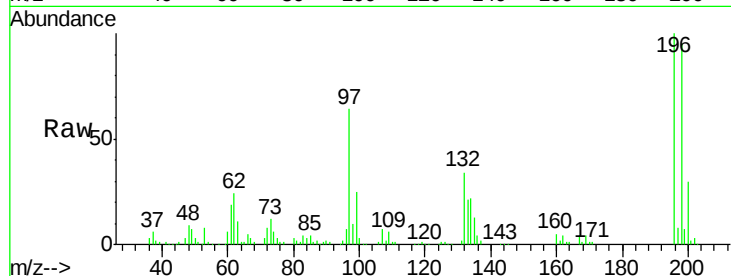




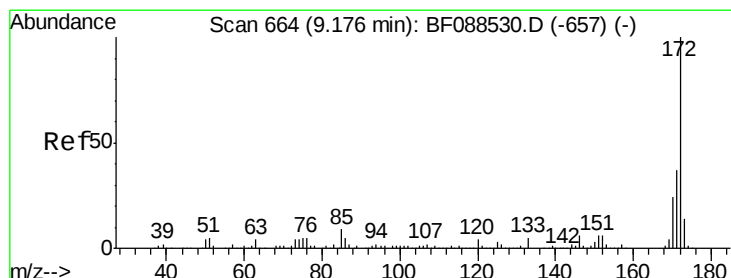
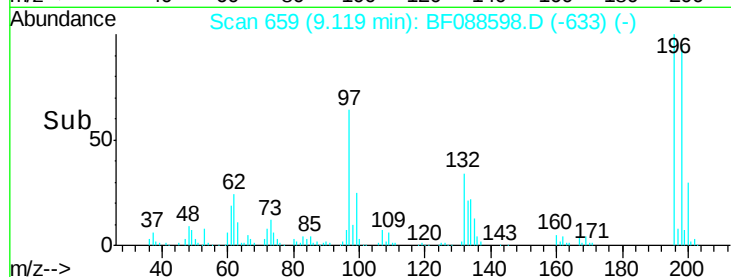
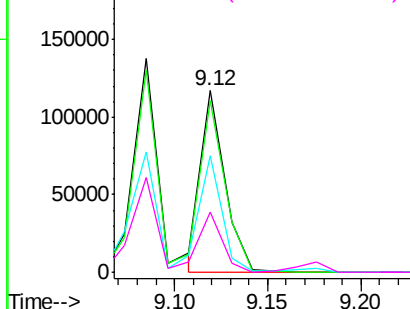
#43
 2,4,5-Trichlorophenol
 Concen: 22.49 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion:196 Resp: 103767
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.5 116.3
 97 63.9 32.0 48.0#
 132 33.5 20.9 31.3#

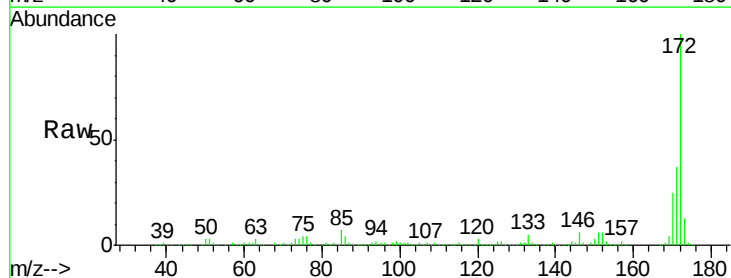


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

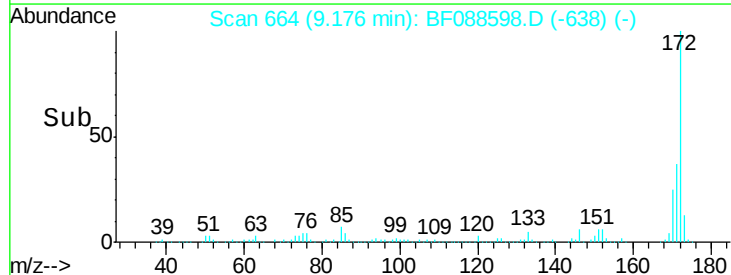
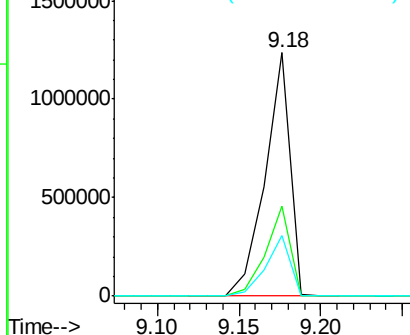


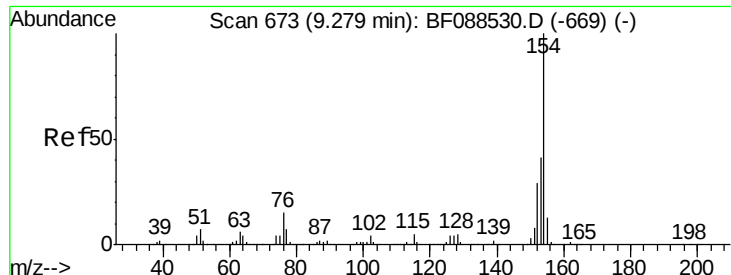
#44
 2-Fluorobiphenyl
 Concen: 84.46 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:172 Resp: 1307738
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.6 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 21.05 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

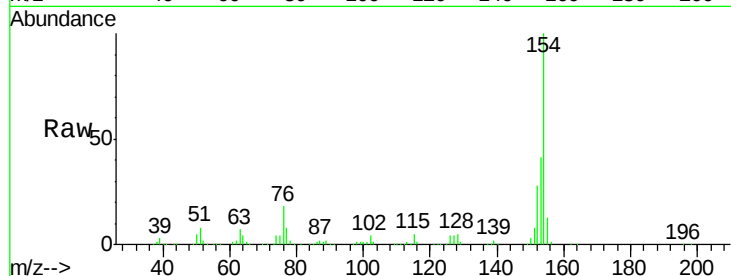
Tgt Ion:154 Resp: 426275

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

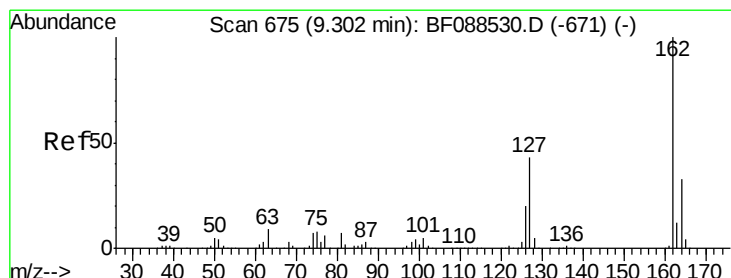
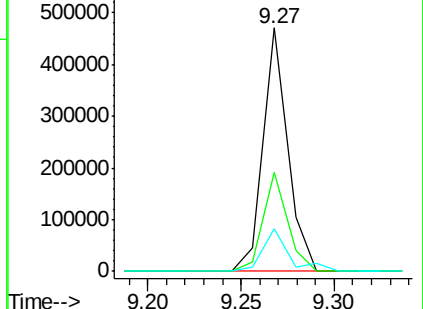
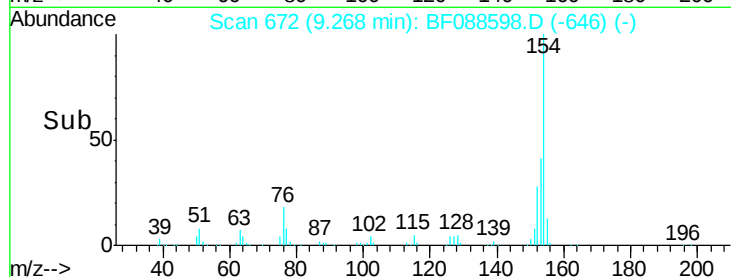
76 17.6 0.0 35.1



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: 21.25 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

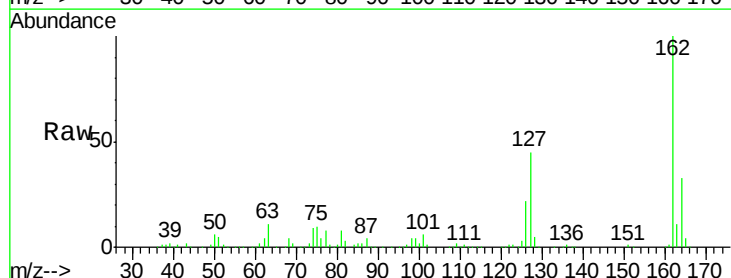
Tgt Ion:162 Resp: 337888

Ion Ratio Lower Upper

162 100

127 45.2 35.2 52.8

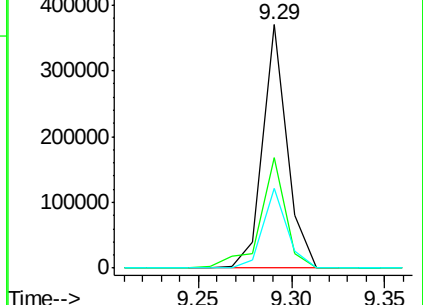
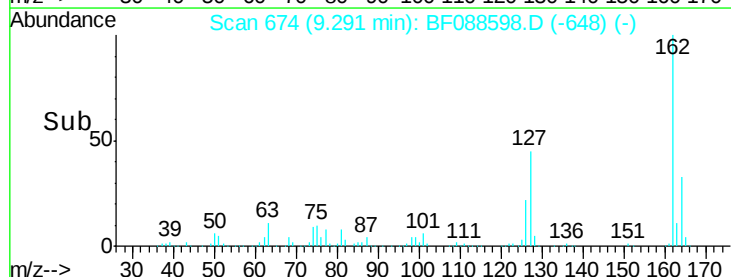
164 32.5 26.6 39.8

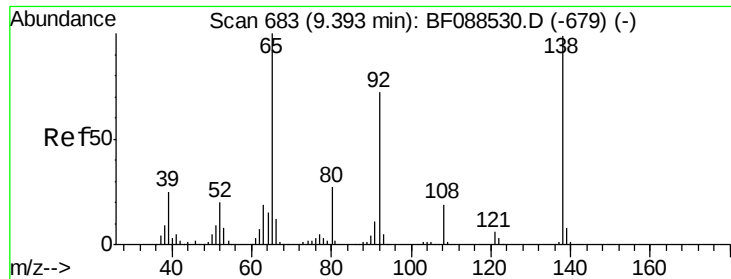


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

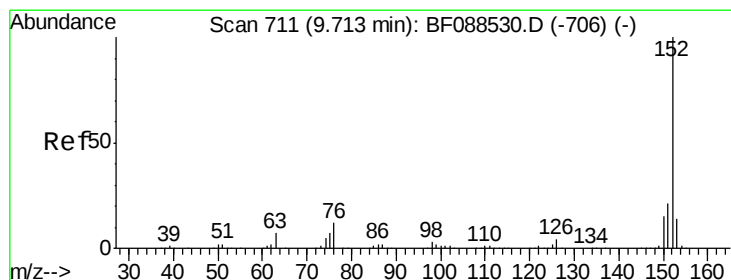
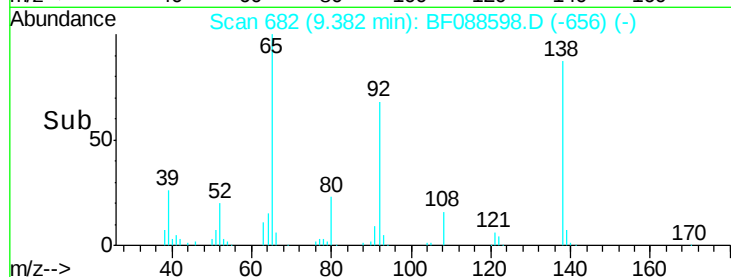
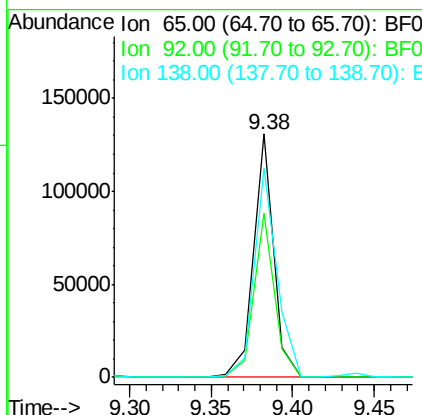
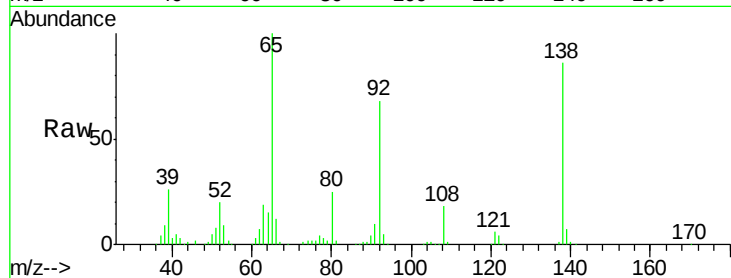




#47
 2-Nitroaniline
 Concen: 19.84 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

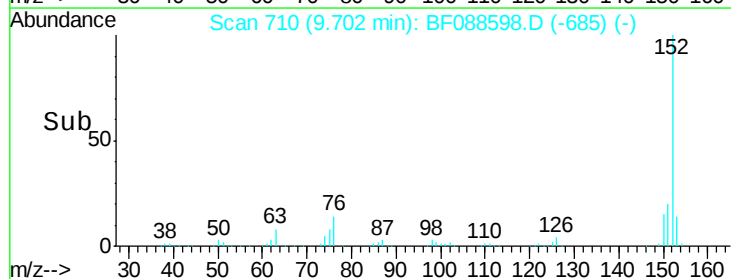
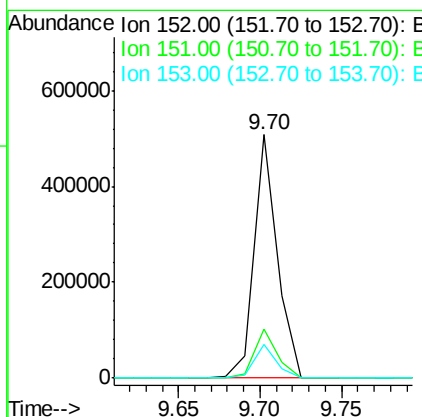
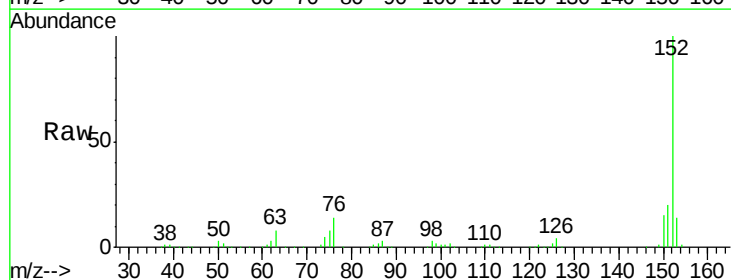
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

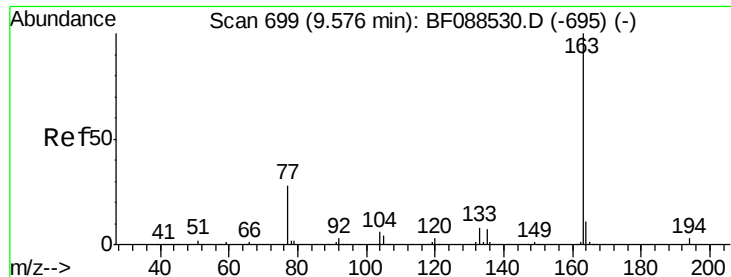
Tgt Ion: 65 Resp: 111969
 Ion Ratio Lower Upper
 65 100
 92 67.6 54.6 82.0
 138 85.9 77.0 115.4



#48
 Acenaphthylene
 Concen: 19.80 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion: 152 Resp: 500867
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.2 24.4
 153 13.7 11.0 16.6





#49

Dimethylphthalate

Concen: 42.37 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

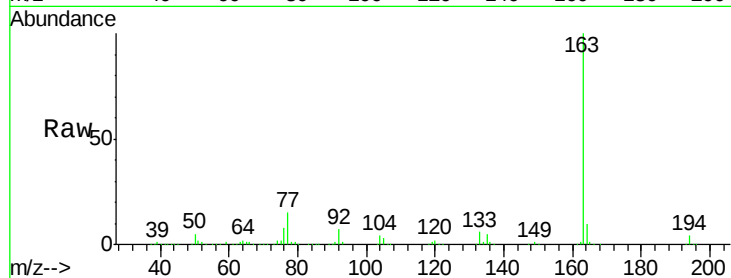
Tgt Ion:163 Resp: 738331

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

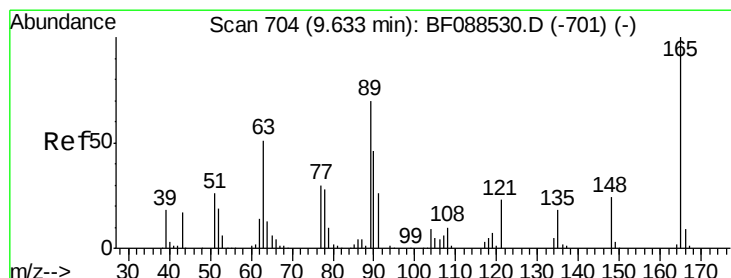
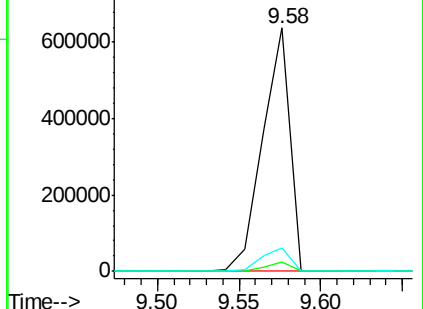
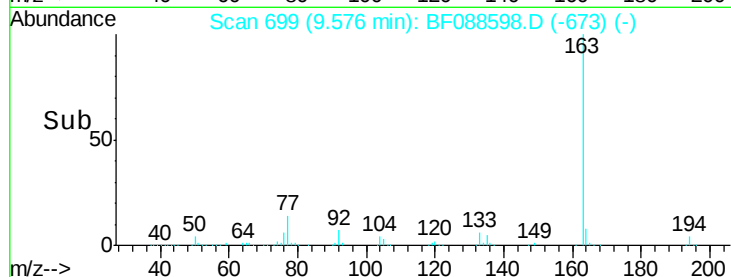
164 9.7 8.3 12.5



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: 22.54 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

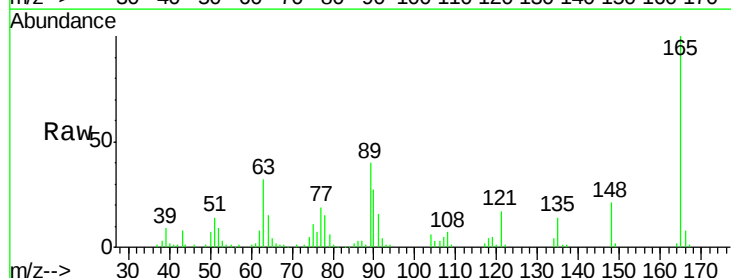
Tgt Ion:165 Resp: 87058

Ion Ratio Lower Upper

165 100

63 32.3 28.1 42.1

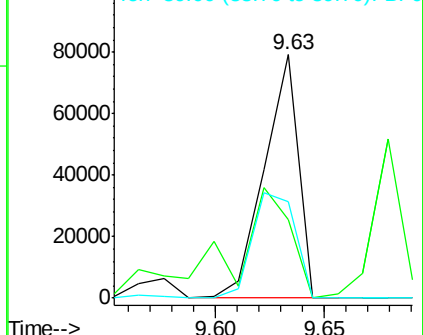
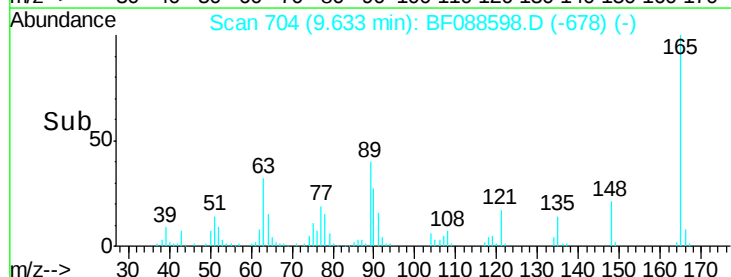
89 39.9 32.2 48.2

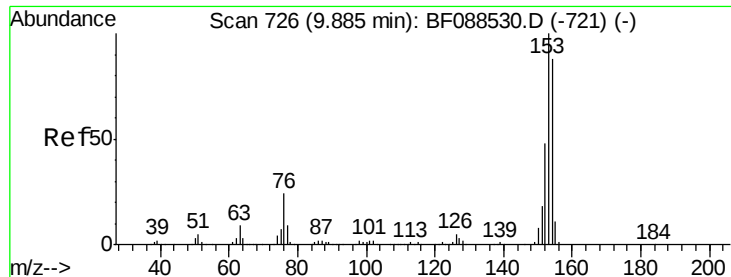


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 20.24 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

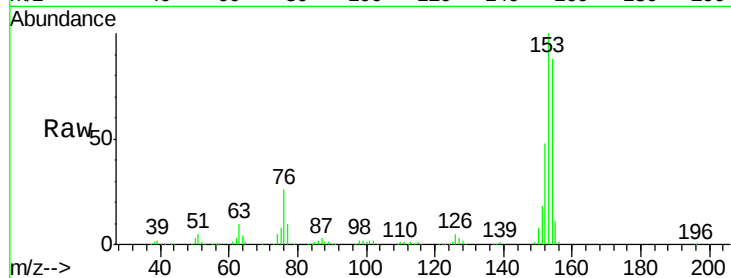
Tgt Ion:154 Resp: 313877

Ion Ratio Lower Upper

154 100

153 113.2 89.5 134.3

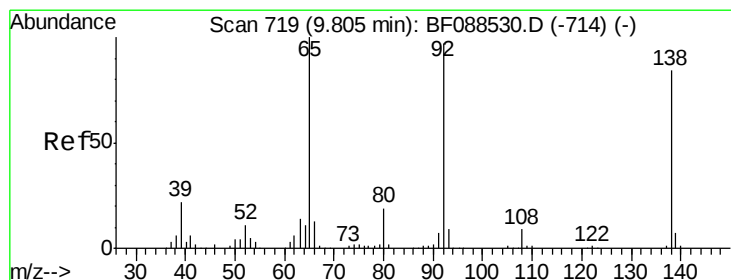
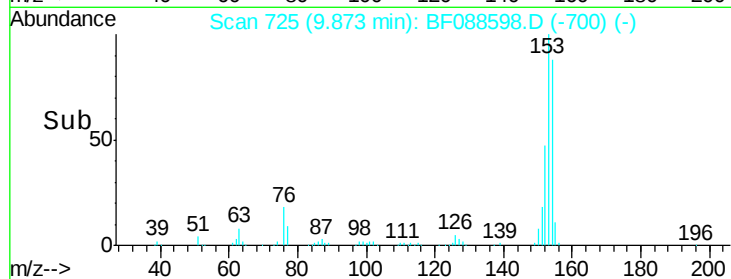
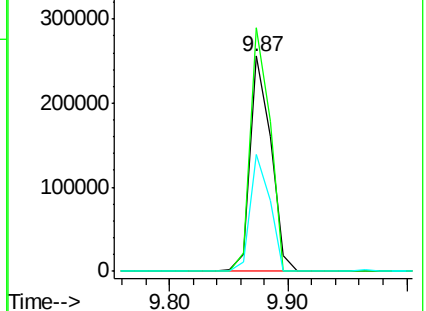
152 54.2 42.7 64.1



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: 19.31 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

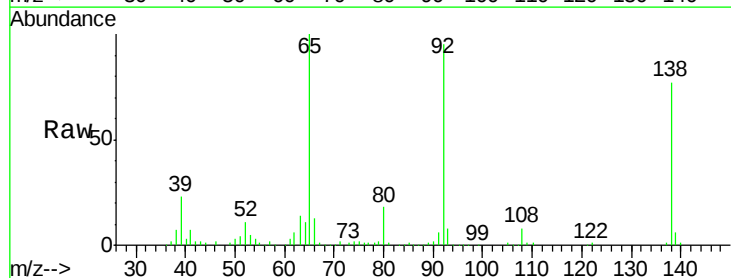
Tgt Ion:138 Resp: 94785

Ion Ratio Lower Upper

138 100

108 11.0 8.5 12.7

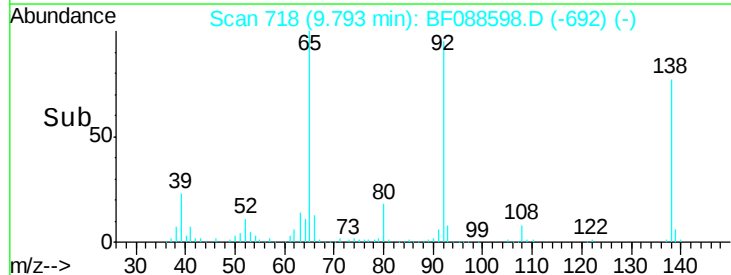
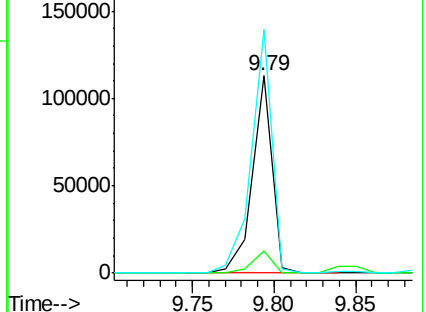
92 123.6 95.7 143.5

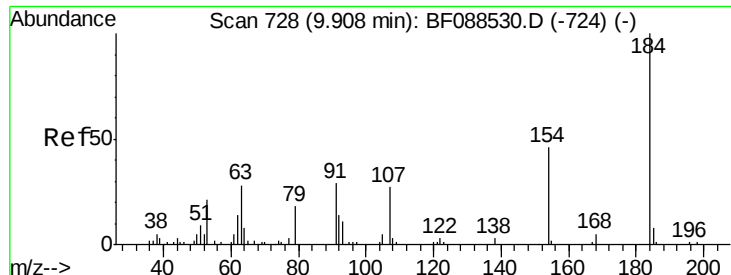


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

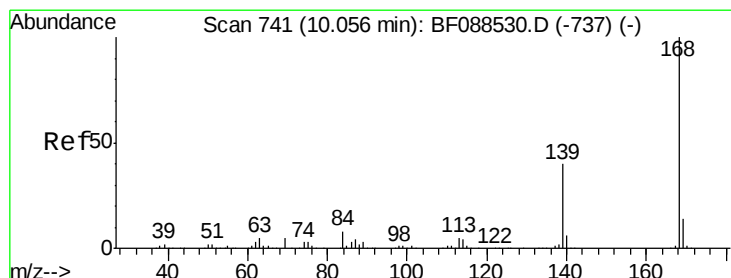
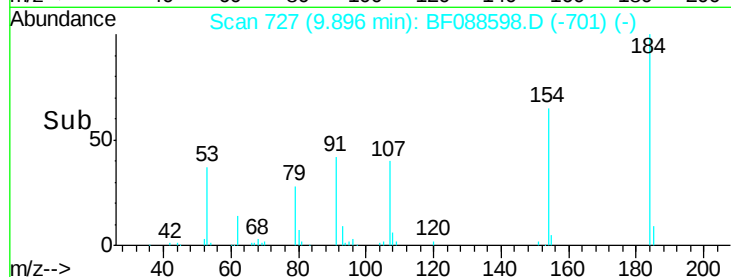
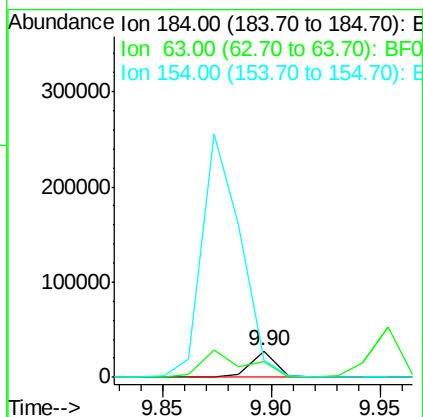
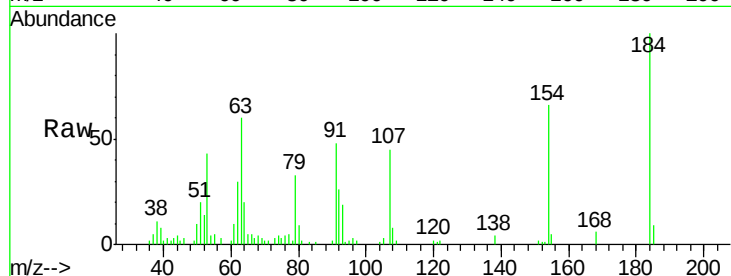




#53
2,4-Dinitrophenol
Concen: 12.83 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

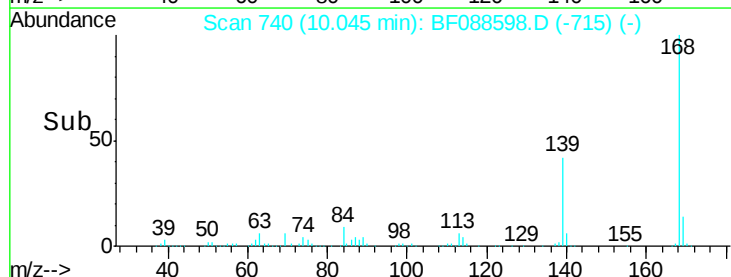
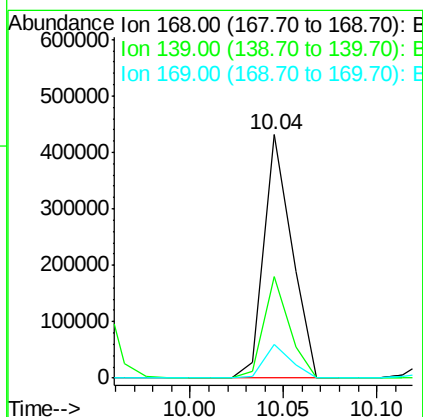
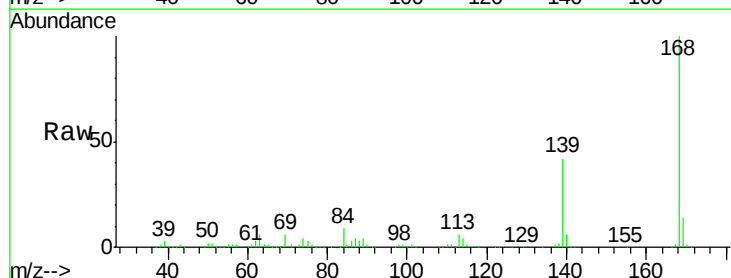
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

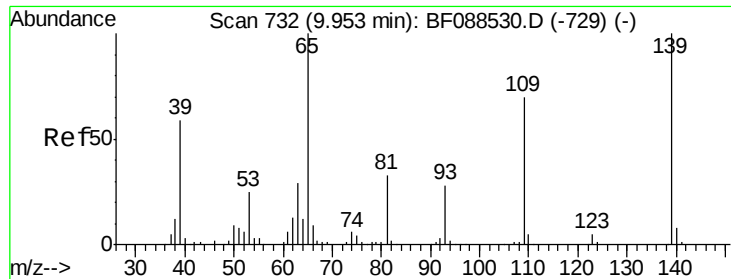
Tgt Ion:184 Resp: 21881
Ion Ratio Lower Upper
184 100
63 59.7 57.6 86.4
154 66.2 53.5 80.3



#54
Dibenzofuran
Concen: 21.94 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Tgt Ion:168 Resp: 445284
Ion Ratio Lower Upper
168 100
139 41.7 26.4 39.6#
169 14.1 10.4 15.6

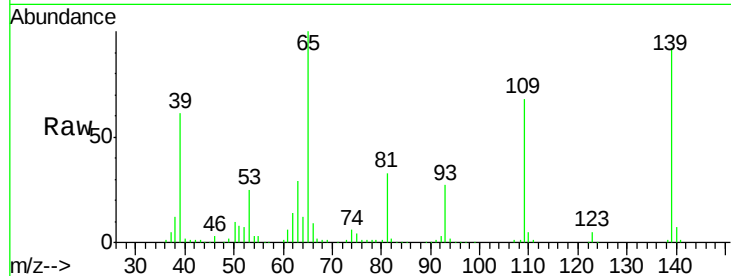




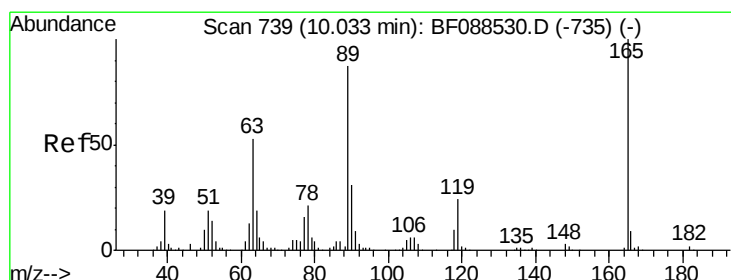
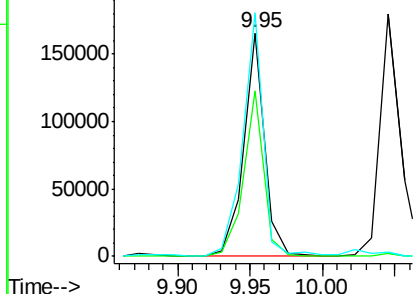
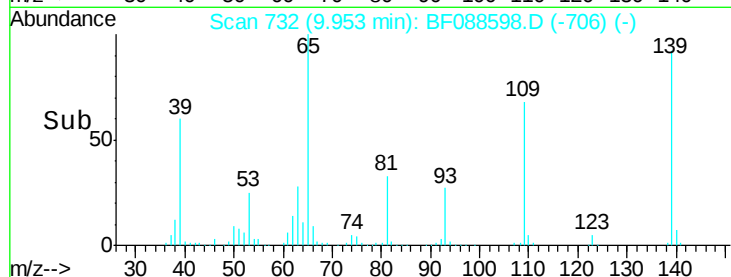
#55
4-Nitrophenol
Concen: 44.52 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion:139 Resp: 166097
Ion Ratio Lower Upper
139 100
109 74.3 48.9 88.9
65 109.0 84.9 124.9

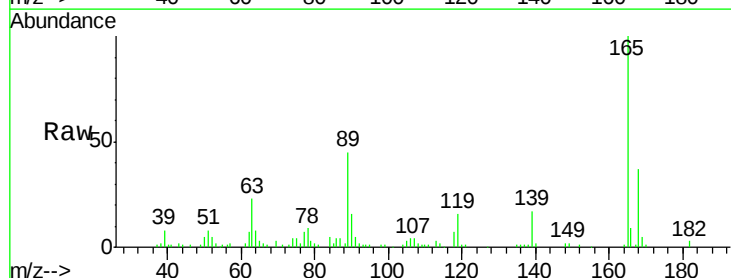


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

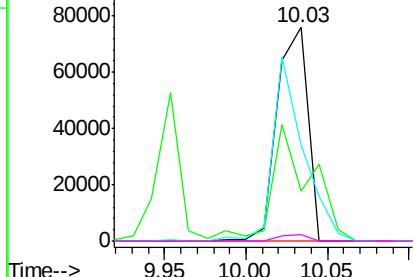
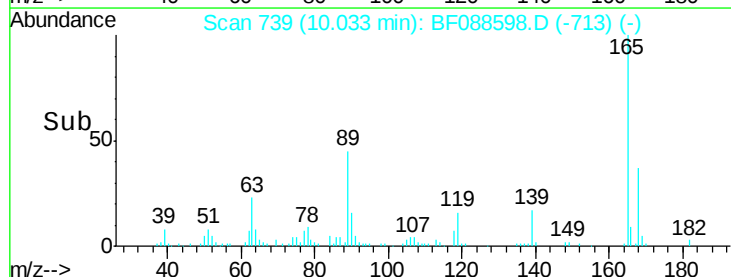


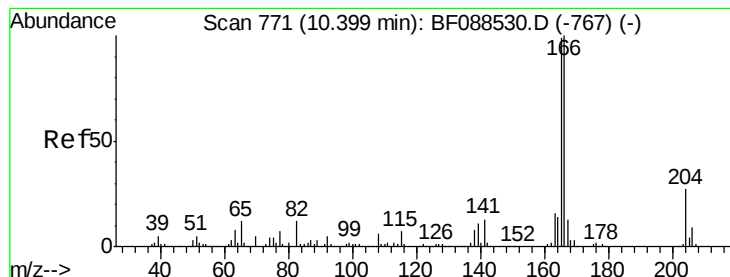
#56
2,4-Dinitrotoluene
Concen: 19.76 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Tgt Ion:165 Resp: 99758
Ion Ratio Lower Upper
165 100
63 23.3 22.0 33.0
89 44.9 41.1 61.7
182 2.8 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: 20.38 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

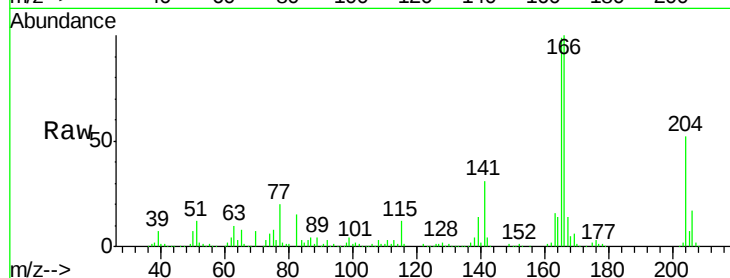
Tgt Ion:166 Resp: 318839

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

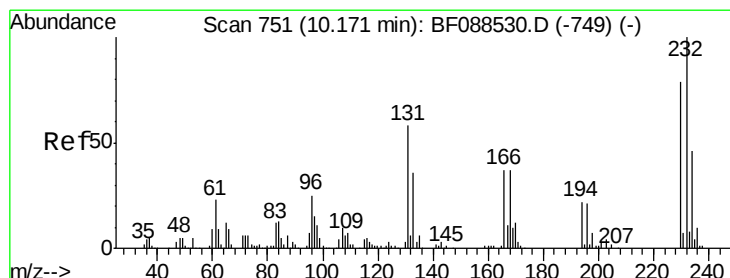
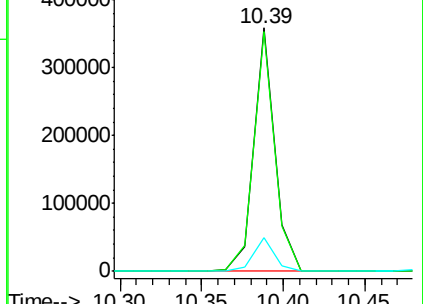
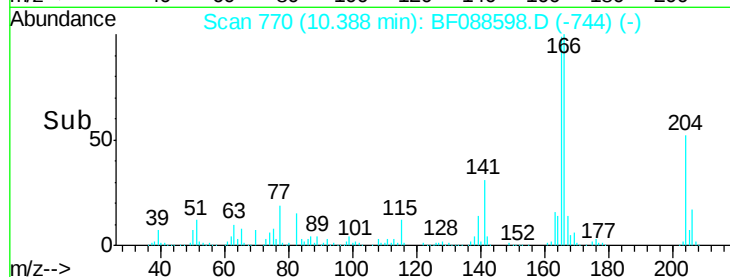
167 14.0 11.2 16.8



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: 21.77 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Tgt Ion:232 Resp: 77723

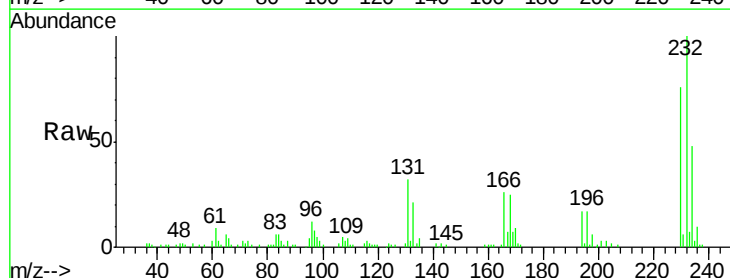
Ion Ratio Lower Upper

232 100

131 50.7 0.9 1.3#

130 2.6 1.5 2.3#

166 34.0 0.5 0.7#

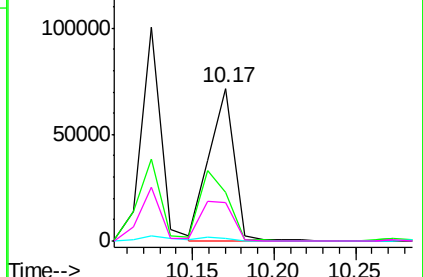
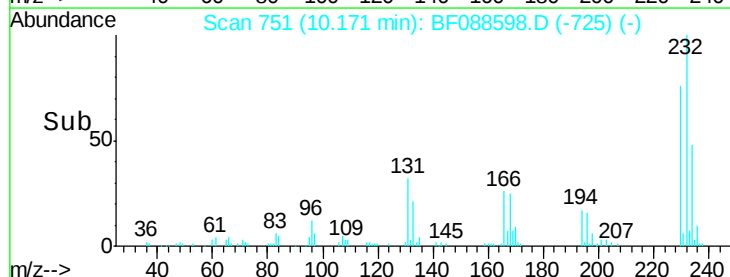


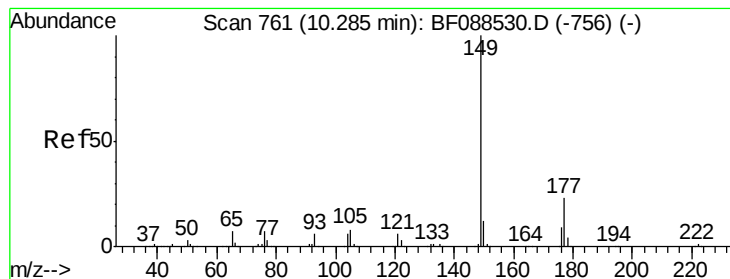
Abundance Ion 232.00 (231.70 to 232.70): E

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: 24.69 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

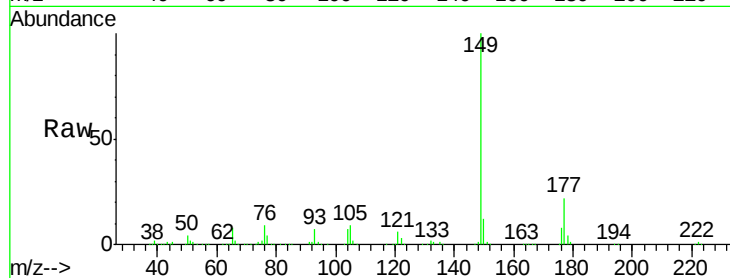
Tgt Ion:149 Resp: 431690

Ion Ratio Lower Upper

149 100

177 22.2 16.9 25.3

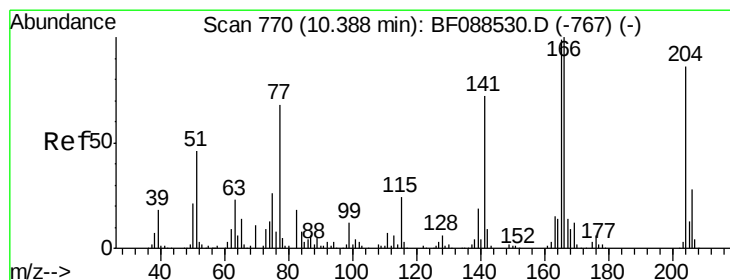
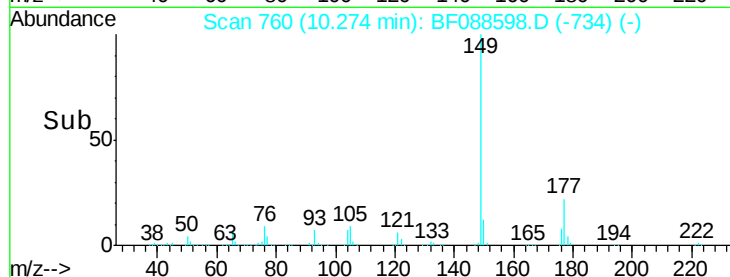
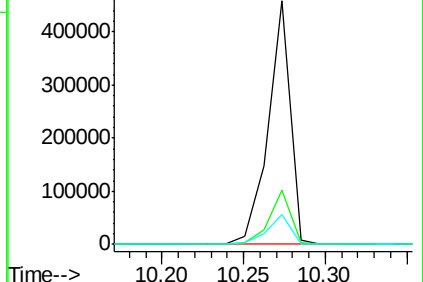
150 12.1 10.1 15.1



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: 22.32 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

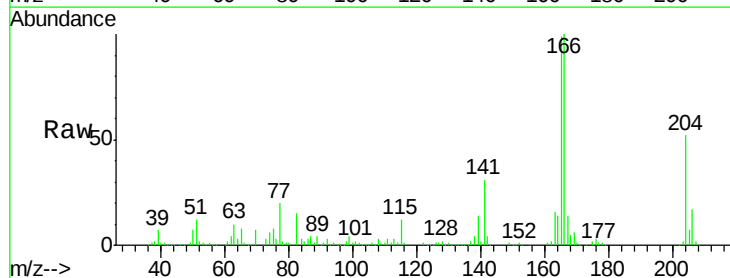
Tgt Ion:204 Resp: 162181

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

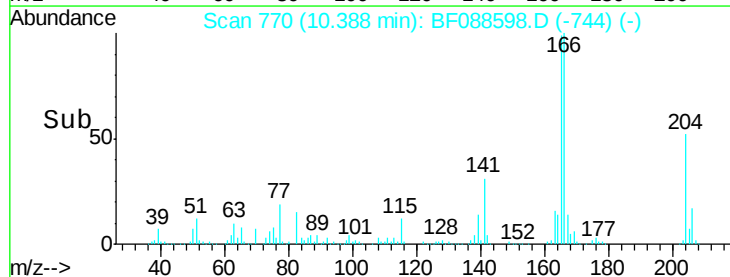
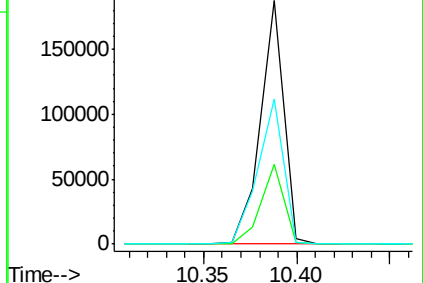
141 59.6 55.0 82.6

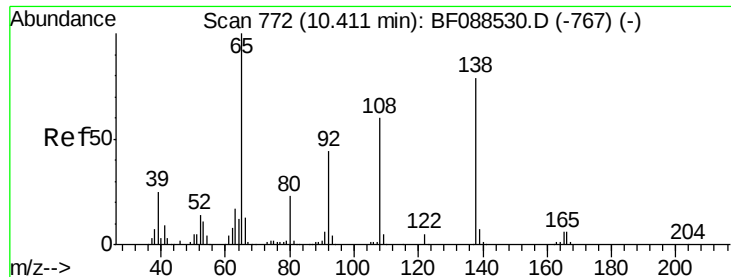


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

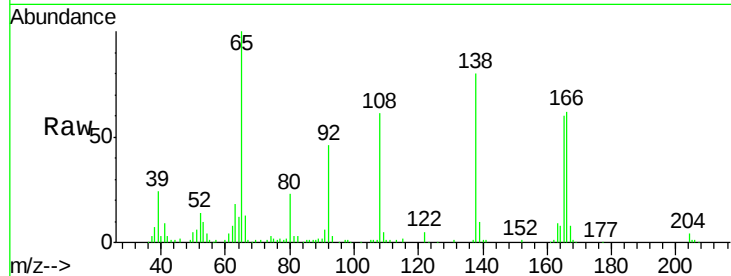




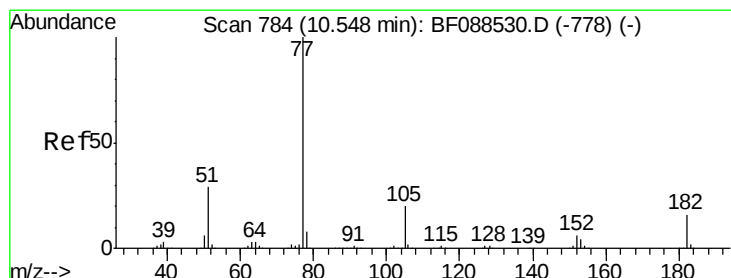
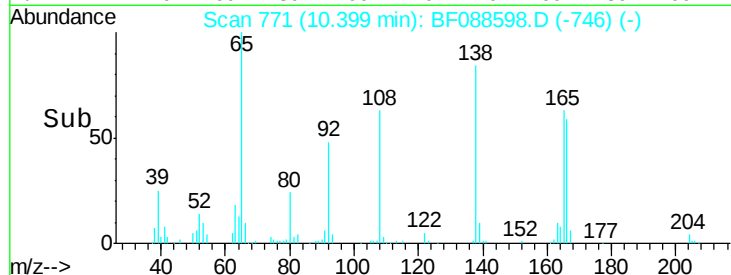
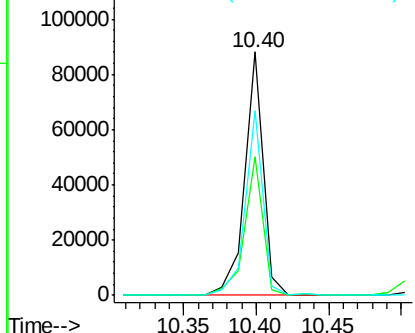
#61
4-Nitroaniline
Concen: 16.57 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion: 138 Resp: 78301
Ion Ratio Lower Upper
138 100
92 56.9 27.3 67.3
108 76.0 46.7 86.7

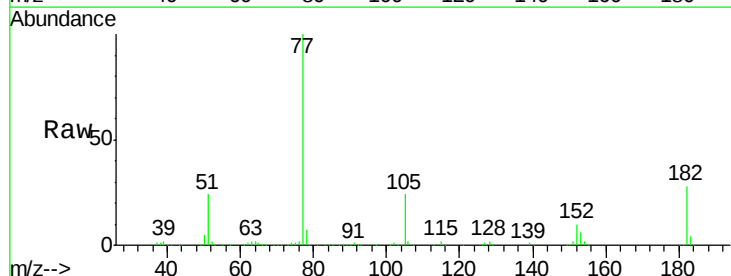


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

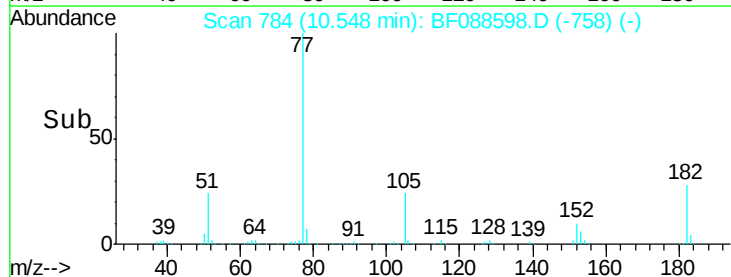
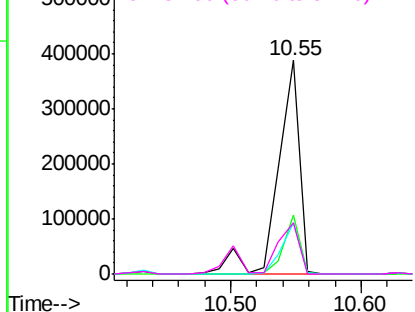


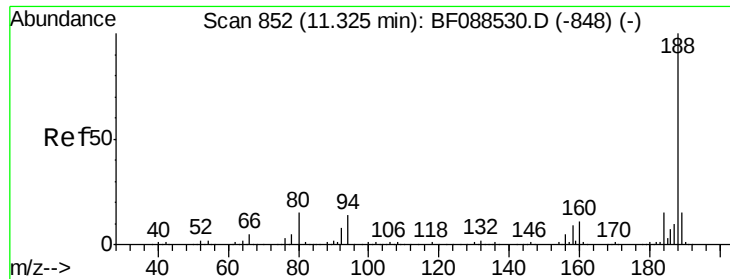
#62
Azobenzene
Concen: 22.48 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Tgt Ion: 77 Resp: 448425
Ion Ratio Lower Upper
77 100
182 27.5 4.4 44.4
105 24.0 3.8 43.8
51 24.1 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

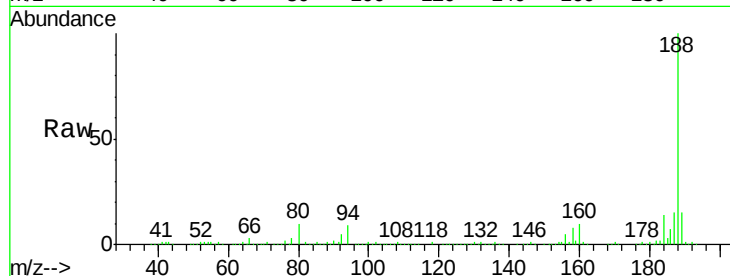




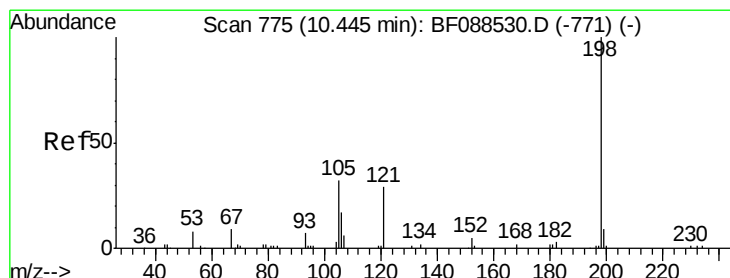
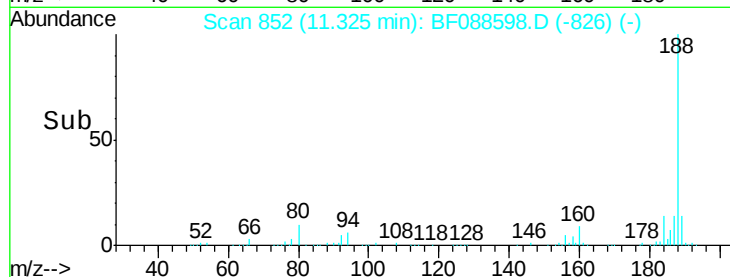
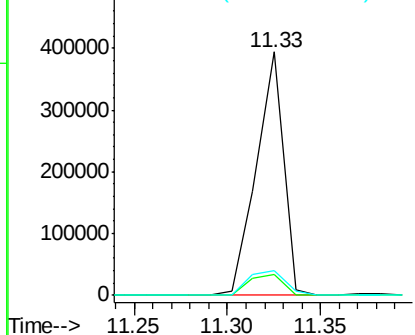
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion:188 Resp: 397028
 Ion Ratio Lower Upper
 188 100
 94 8.8 9.0 13.6#
 80 10.2 10.0 15.0

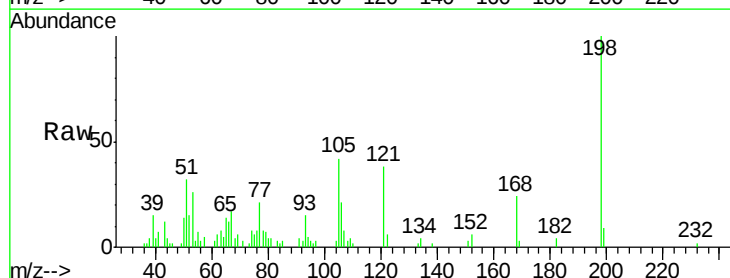


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

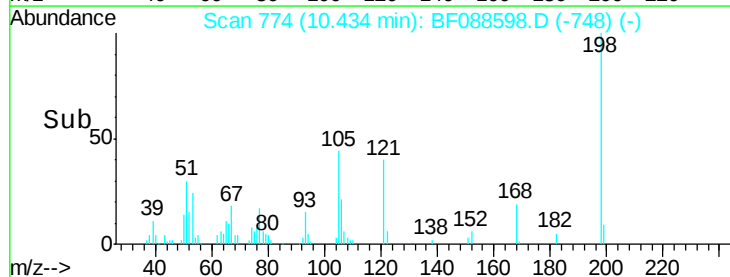
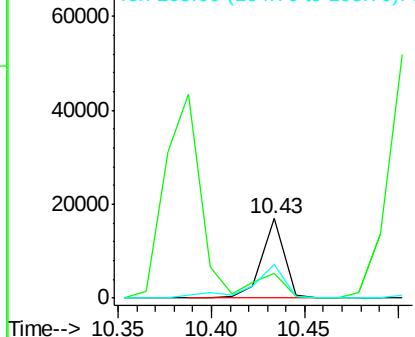


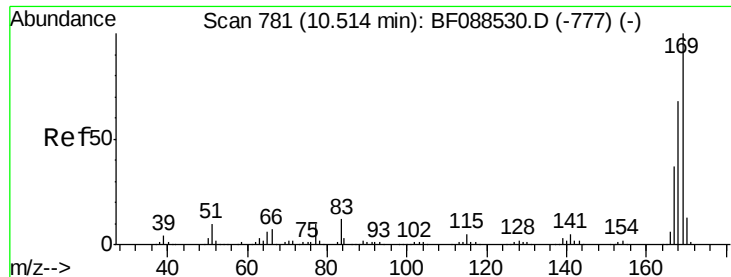
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.61 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:198 Resp: 14041
 Ion Ratio Lower Upper
 198 100
 51 32.0 39.6 79.6#
 105 42.4 36.6 76.6



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

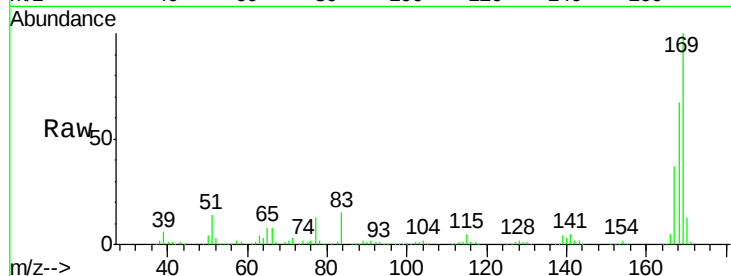




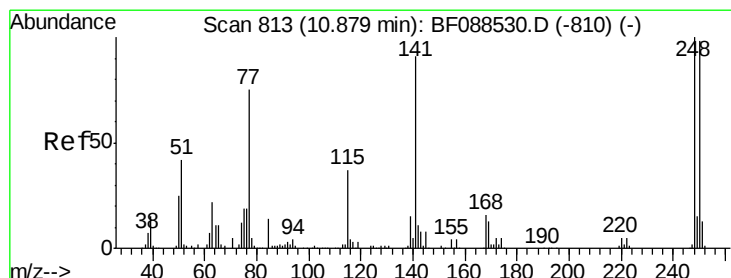
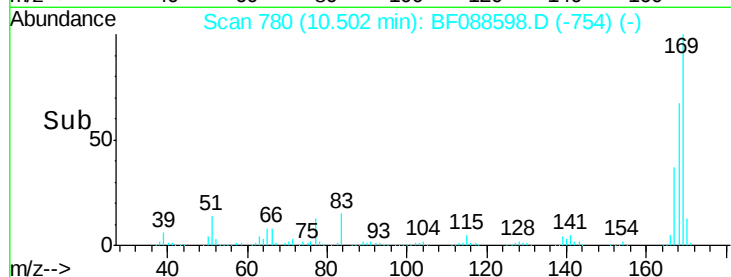
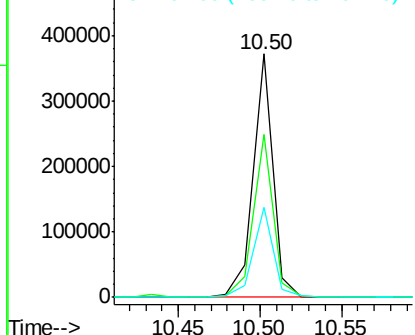
#65
 n-Nitrosodiphenylamine
 Concen: 23.32 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion:169 Resp: 313315
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.4 80.0
 167 36.8 29.4 44.0

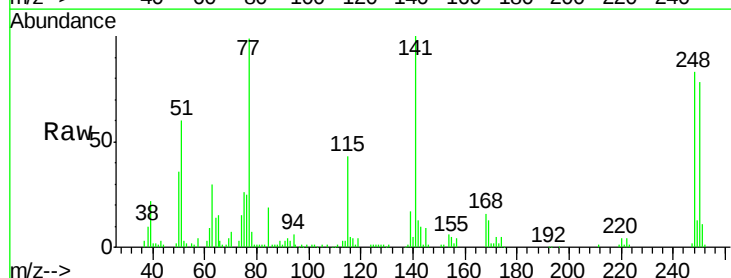


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

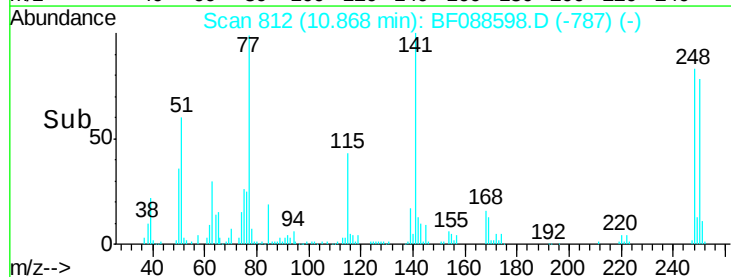
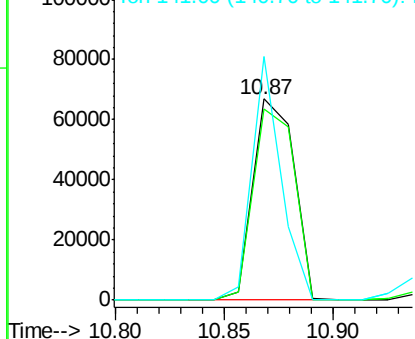


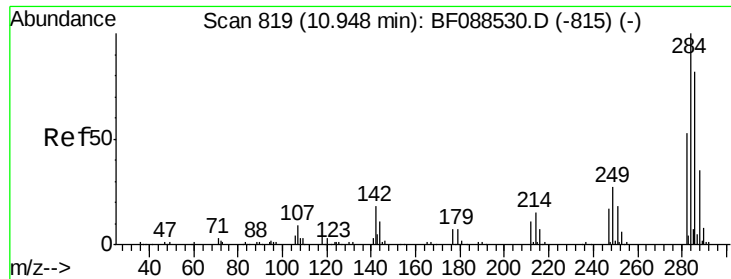
#66
 4-Bromophenyl-phenylether
 Concen: 22.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:248 Resp: 88034
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.1 115.7
 141 121.2 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

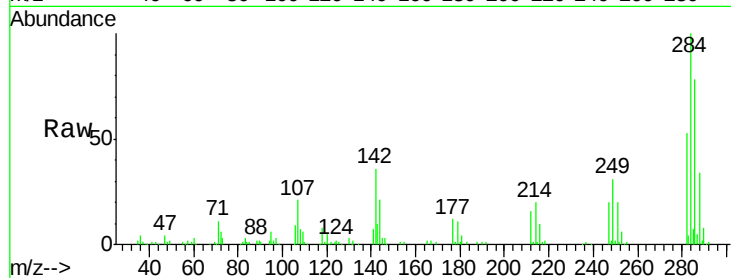




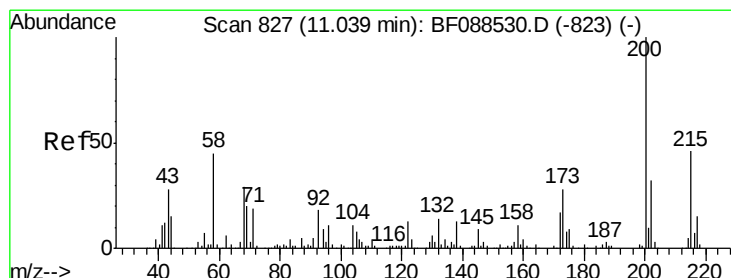
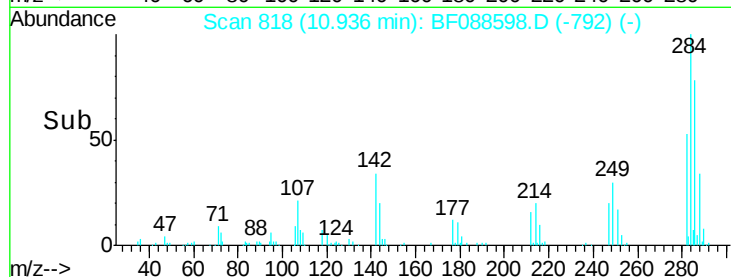
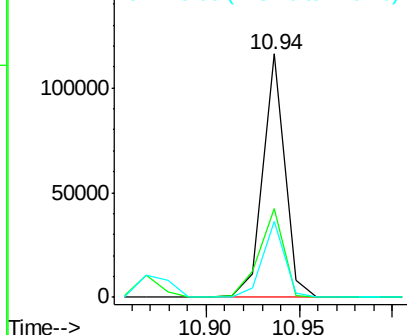
#67
Hexachlorobenzene
Concen: 21.15 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion:284 Resp: 93674
Ion Ratio Lower Upper
284 100
142 36.4 35.8 53.8
249 31.4 25.8 38.6

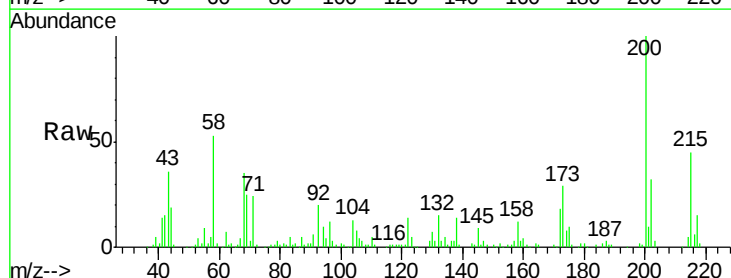


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

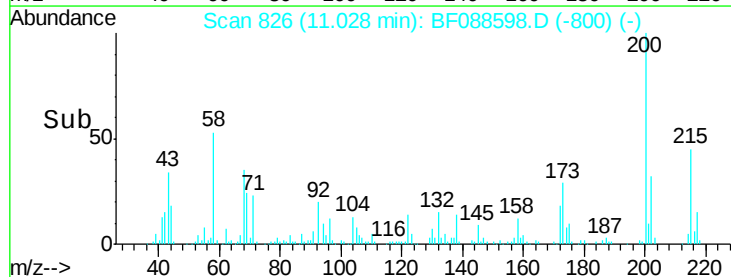
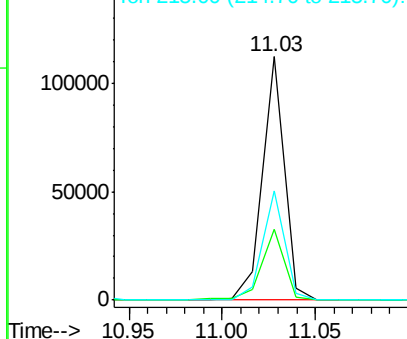


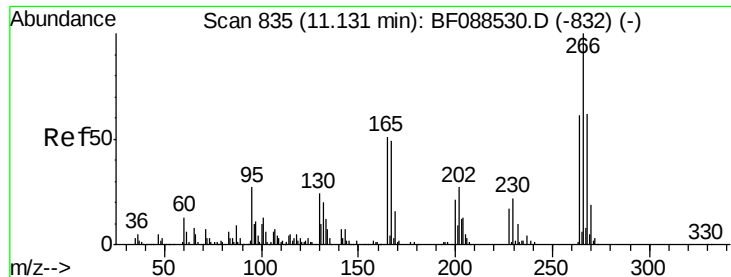
#68
Atrazine
Concen: 21.65 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Tgt Ion:200 Resp: 90662
Ion Ratio Lower Upper
200 100
173 28.9 4.0 44.0
215 44.9 29.3 69.3



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

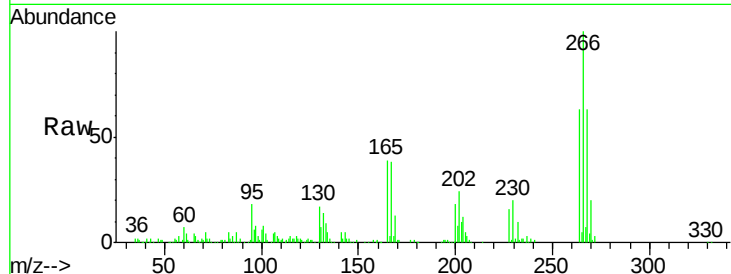




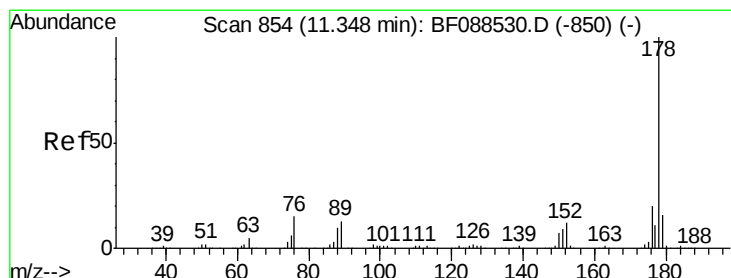
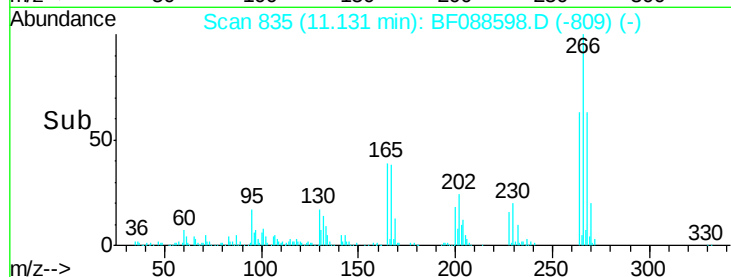
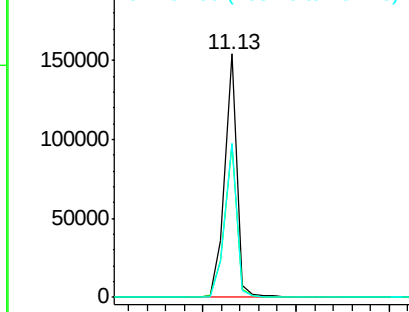
#69
 Pentachlorophenol
 Concen: 53.36 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion:266 Resp: 139877
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.8 79.2
 264 63.2 49.6 74.4

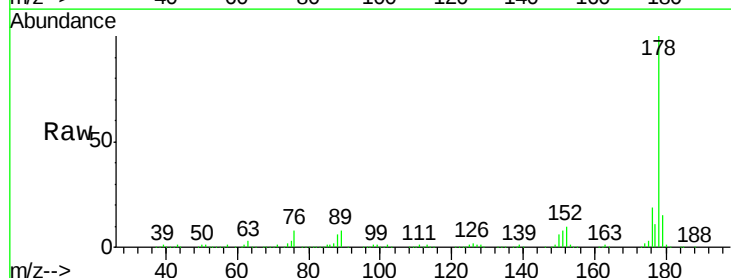


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

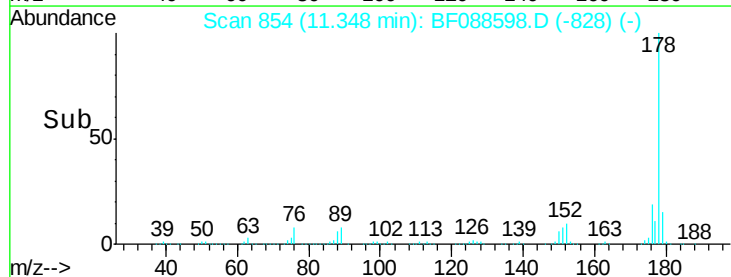
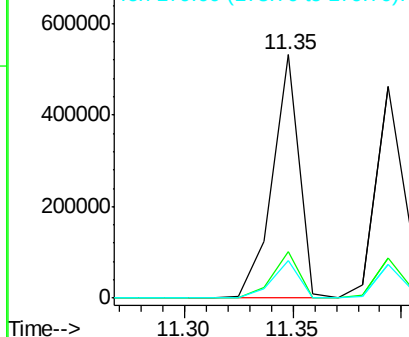


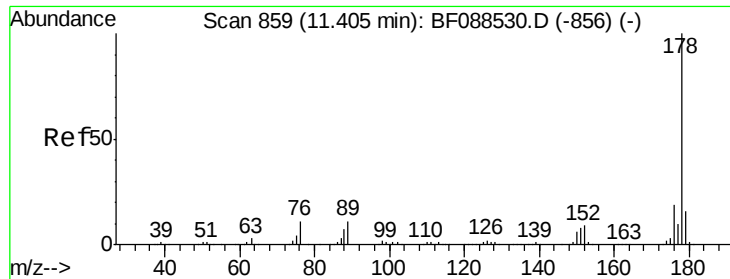
#70
 Phenanthrene
 Concen: 21.22 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:178 Resp: 460554
 Ion Ratio Lower Upper
 178 100
 176 19.4 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

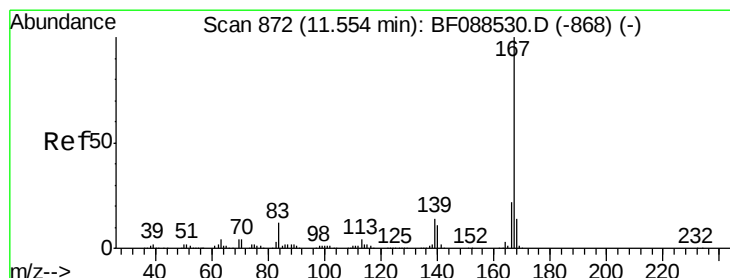
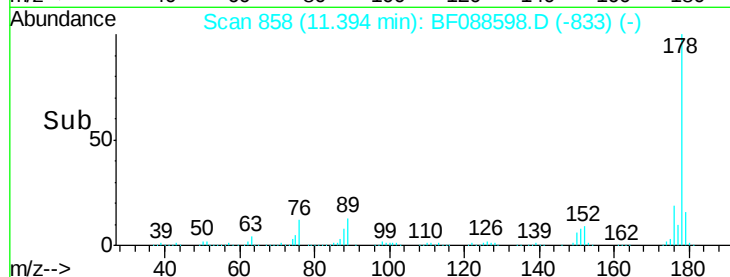
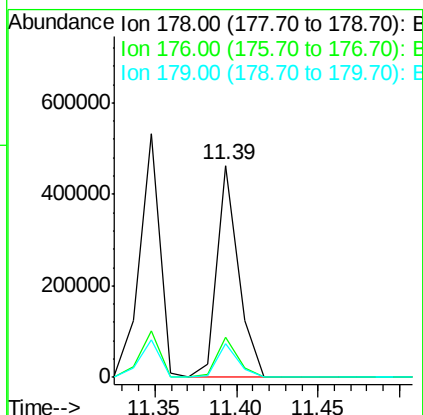
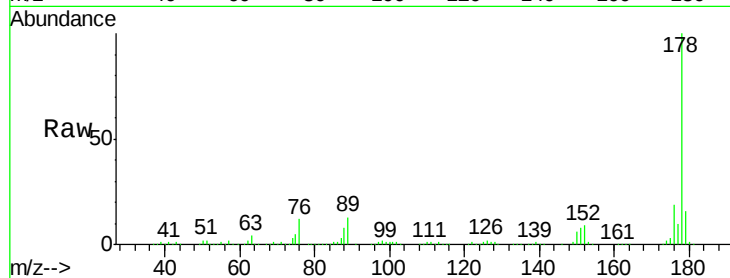




#71
 Anthracene
 Concen: 19.63 ng
 RT: 11.39 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

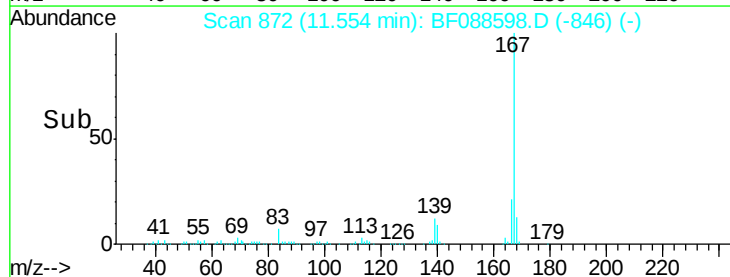
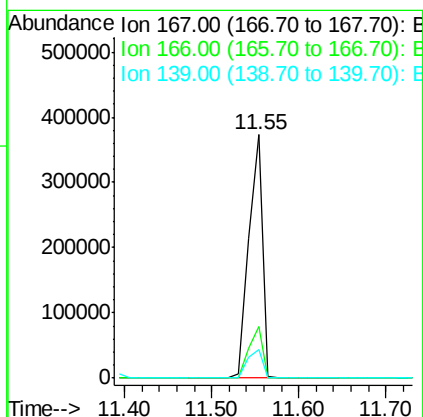
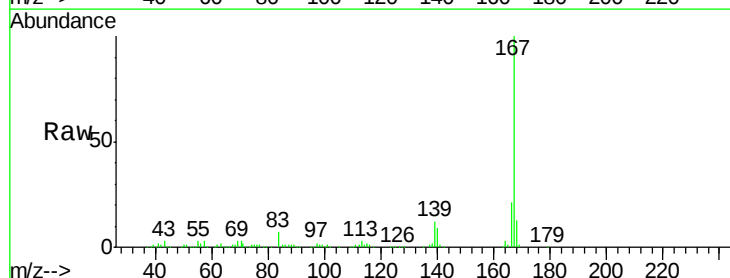
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

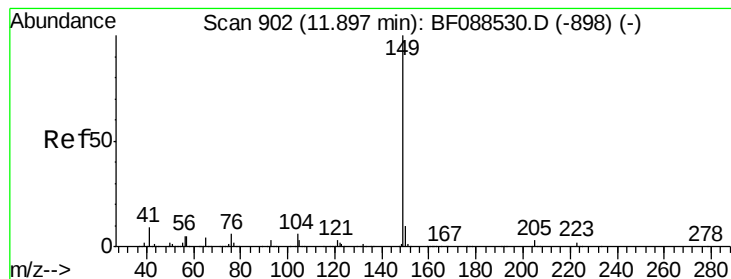
Tgt Ion:178 Resp: 423525
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.6 12.8 19.2



#72
 Carbazole
 Concen: 20.28 ng
 RT: 11.55 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:167 Resp: 411859
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.6
 139 11.7 11.2 16.8





#73

Di-n-butylphthalate

Concen: 23.98 ng

RT: 11.90 min Scan# 902

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

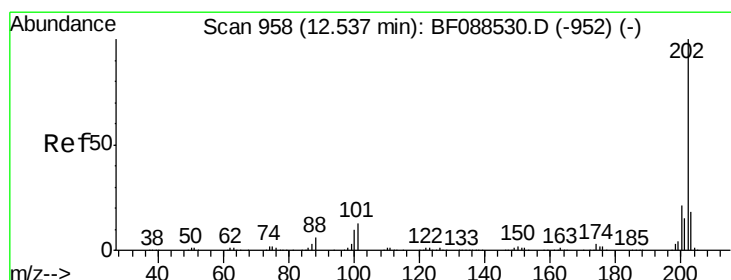
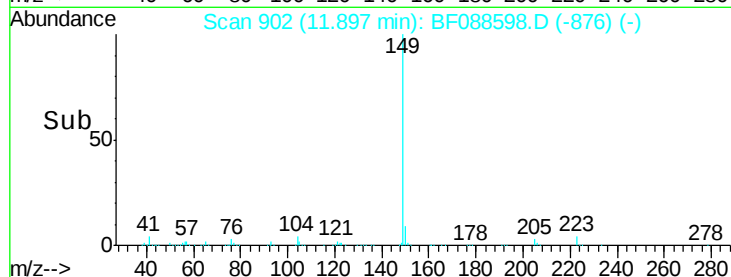
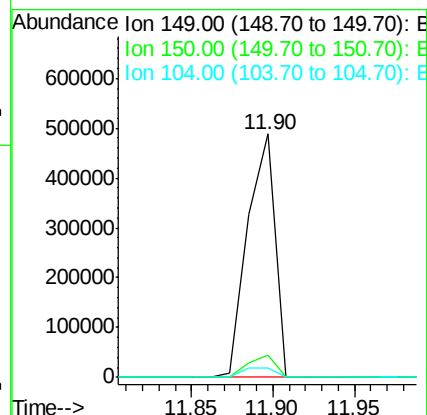
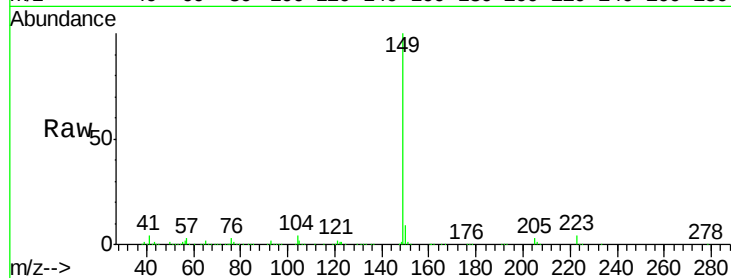
Tgt Ion:149 Resp: 566594

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

104 3.9 4.0 6.0#



#74

Fluoranthene

Concen: 17.66 ng

RT: 12.53 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

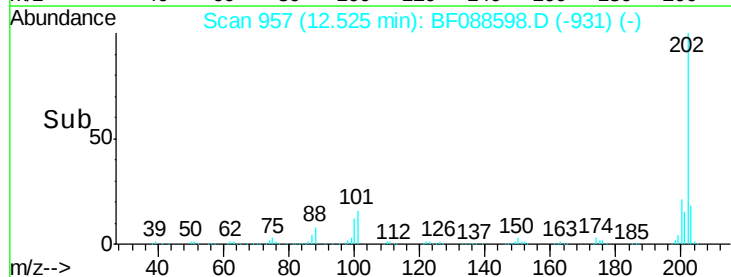
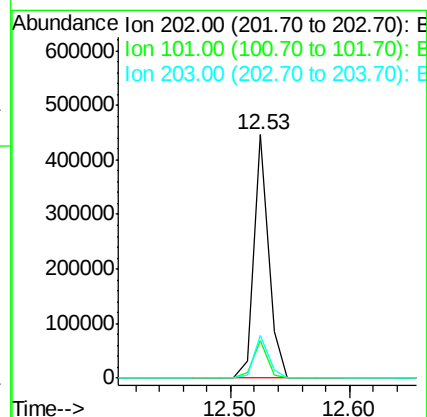
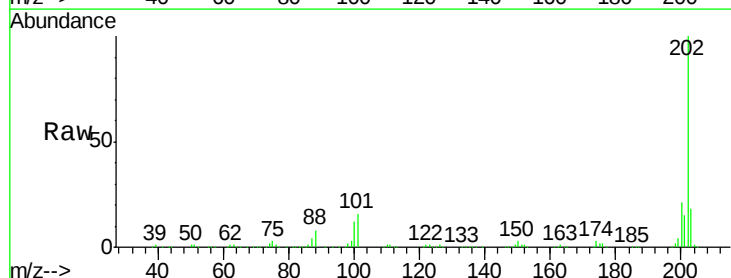
Tgt Ion:202 Resp: 388473

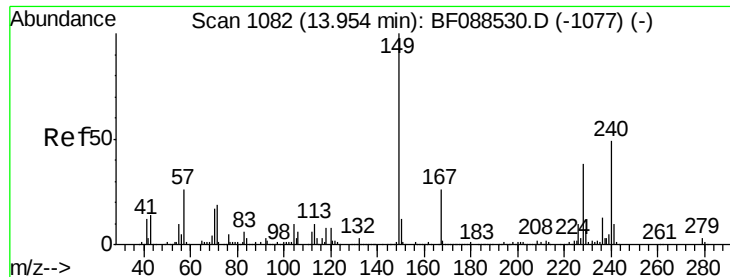
Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.1

203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

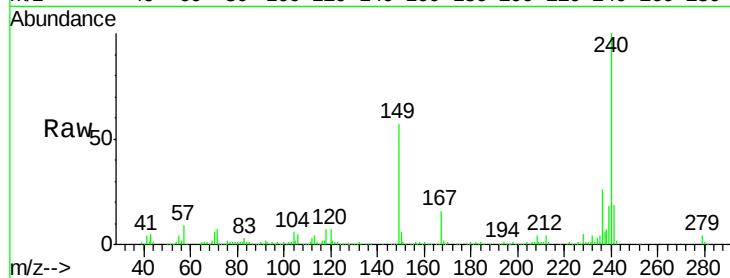
Tgt Ion:240 Resp: 248835

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

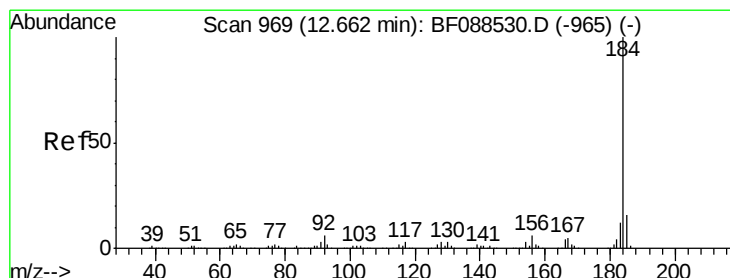
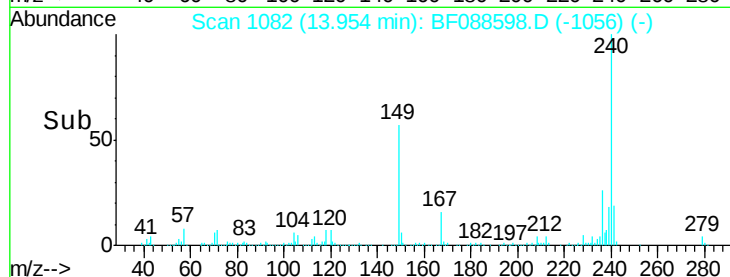
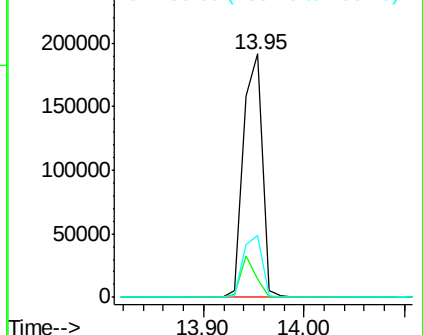
236 25.5 20.2 30.2



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: 8.12 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

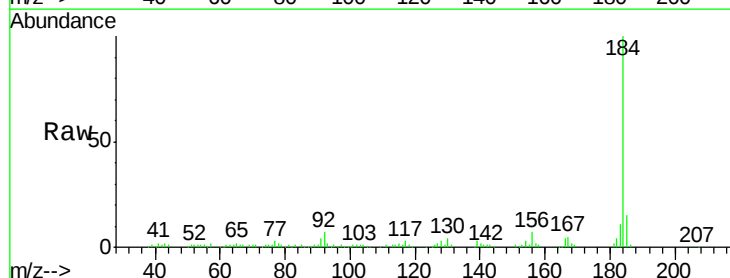
Tgt Ion:184 Resp: 102173

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

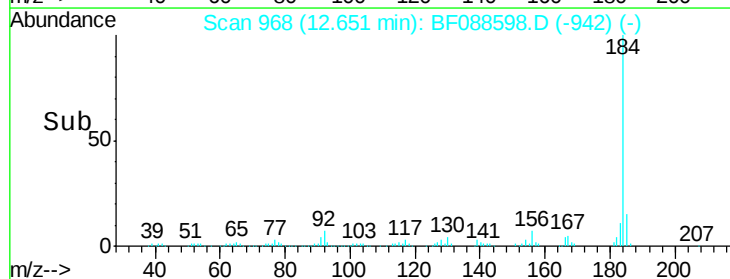
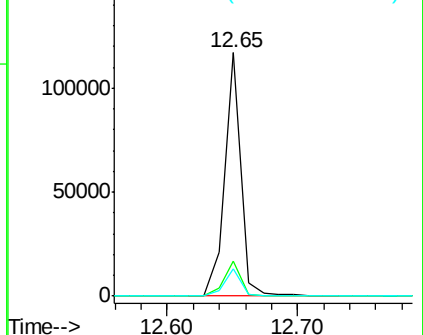
183 11.1 9.3 13.9

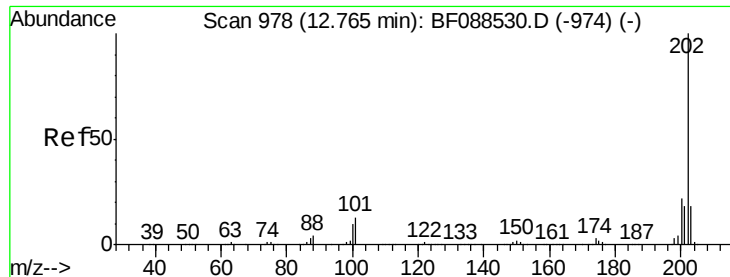


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 19.16 ng

RT: 12.75 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

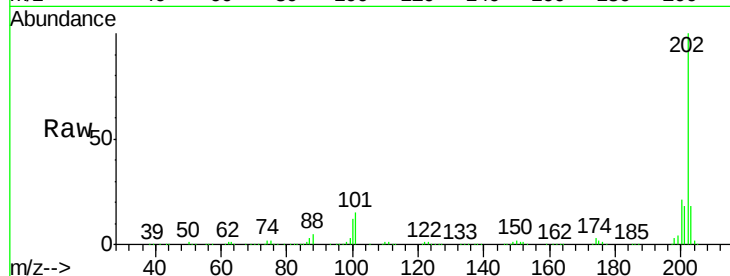
Tgt Ion:202 Resp: 404208

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

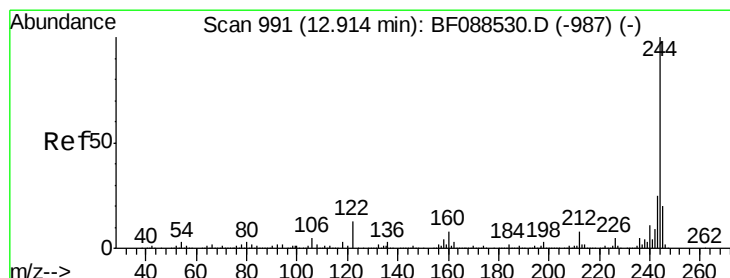
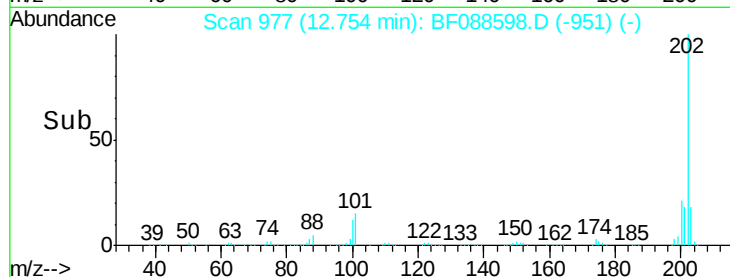
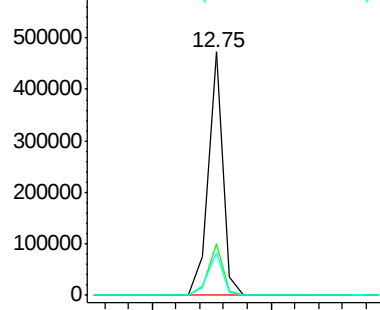
203 17.8 14.5 21.7



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: 71.86 ng

RT: 12.90 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

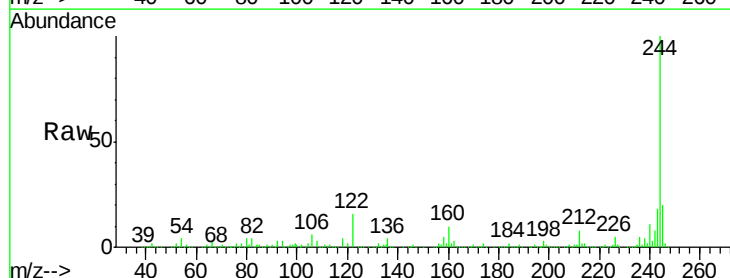
Tgt Ion:244 Resp: 802866

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

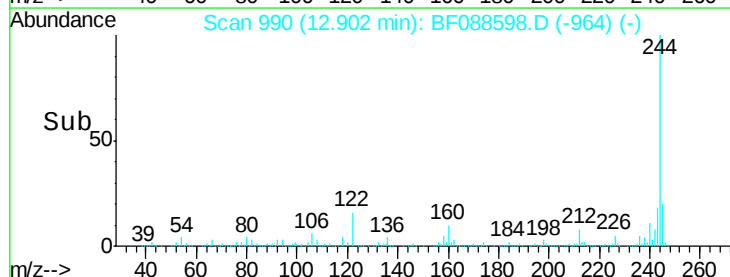
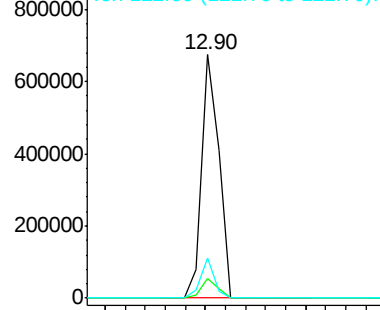
122 16.5 11.2 16.8

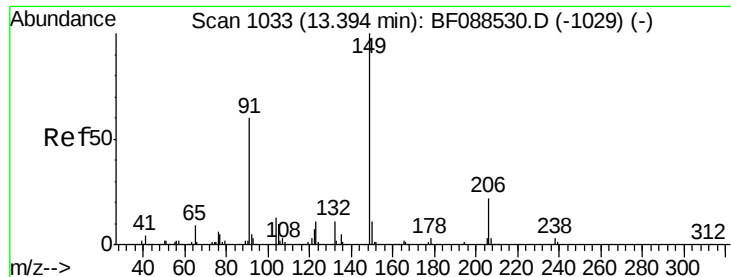


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

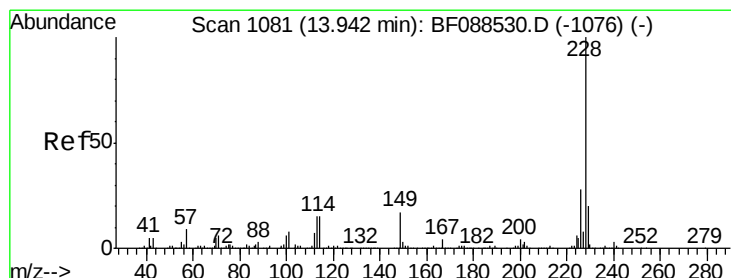
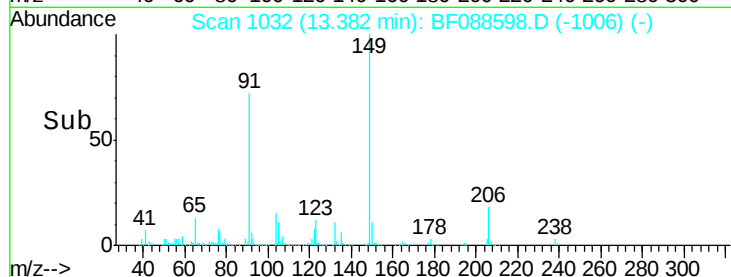
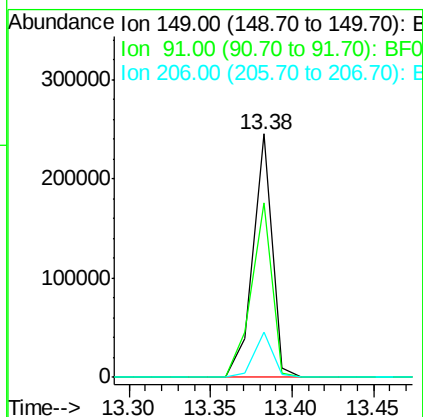
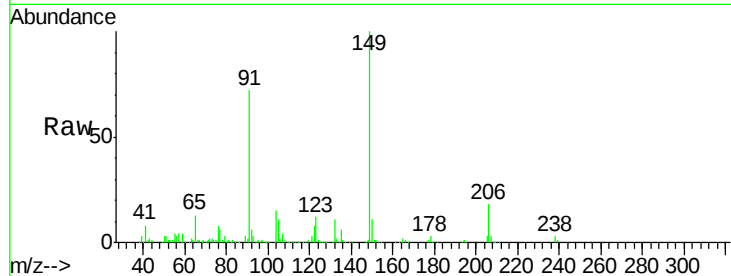




#79
Butylbenzylphthalate
Concen: 21.50 ng
RT: 13.38 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

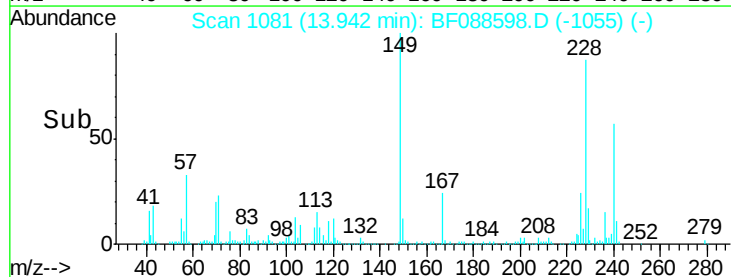
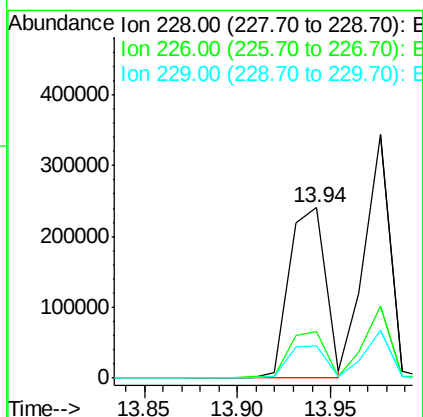
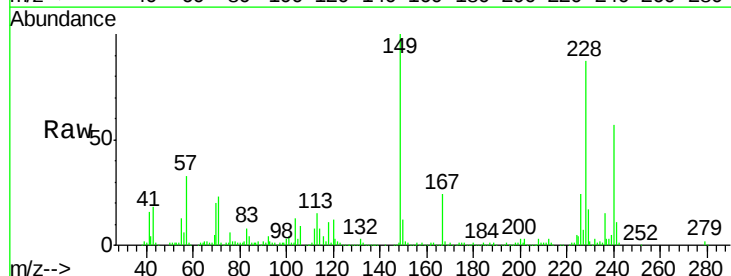
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

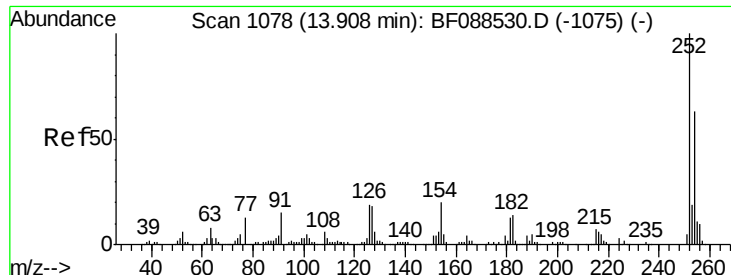
Tgt Ion:149 Resp: 202380
Ion Ratio Lower Upper
149 100
91 71.9 48.0 72.0
206 18.5 16.0 24.0



#80
Benzo(a)anthracene
Concen: 20.45 ng
RT: 13.94 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BF088598.D
Acq: 2 Jul 2016 3:04

Tgt Ion:228 Resp: 327693
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.2 16.0 24.0

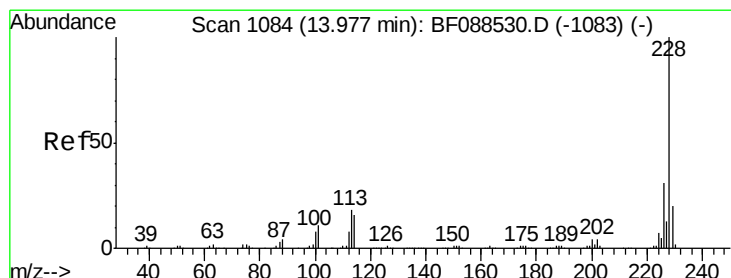
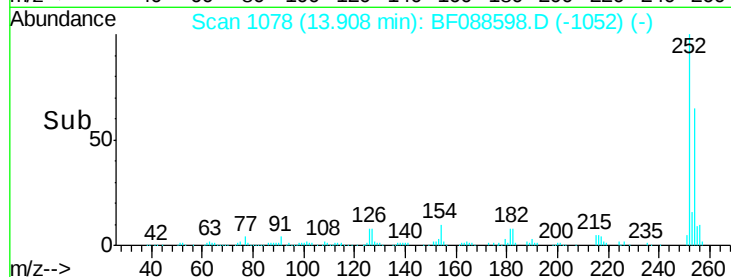
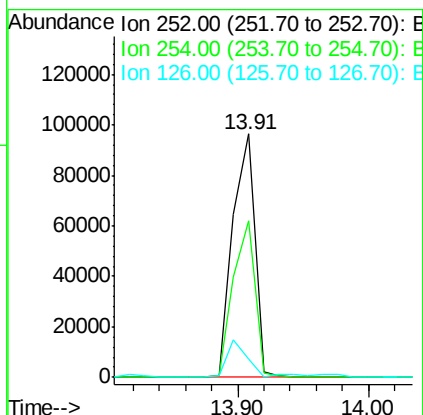
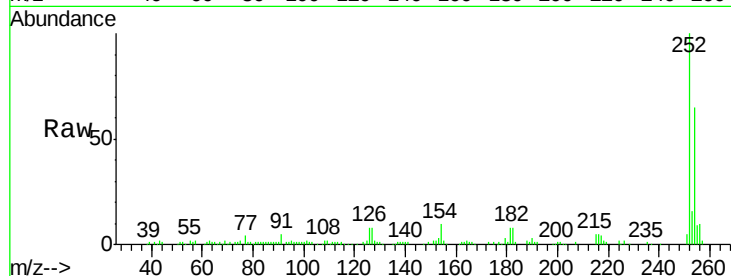




#81
 3,3'-Dichlorobenzidine
 Concen: 18.84 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

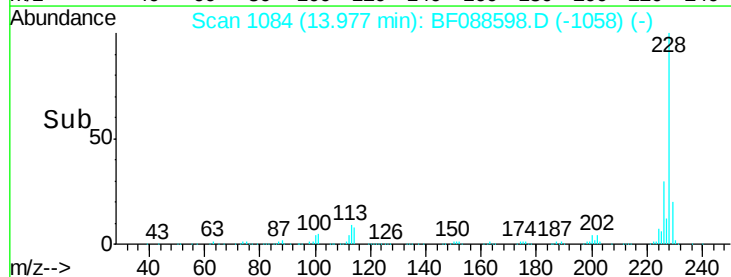
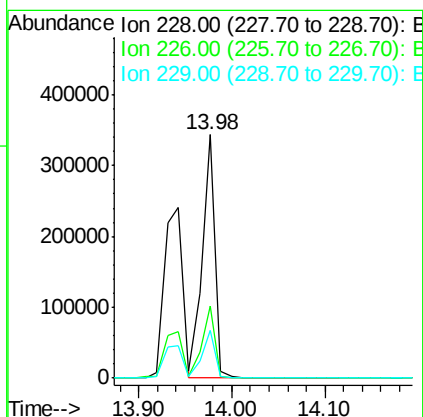
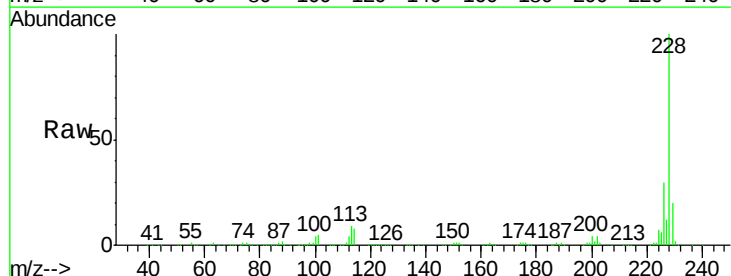
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

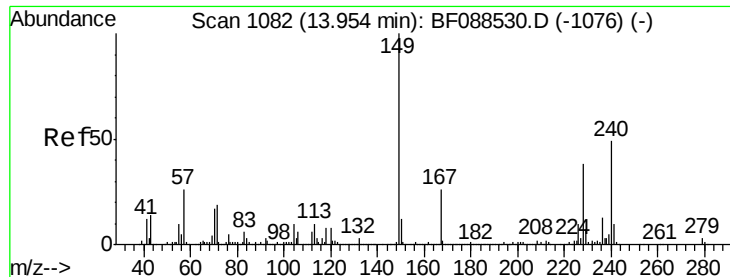
Tgt Ion:252 Resp: 113515
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 7.7 6.2 9.2



#82
 Chrysene
 Concen: 20.83 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion:228 Resp: 330178
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.2
 229 19.7 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 25.54 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

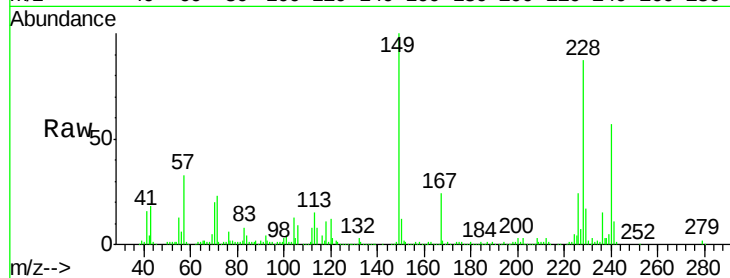
Tgt Ion:149 Resp: 274459

Ion Ratio Lower Upper

149 100

167 24.2 20.5 30.7

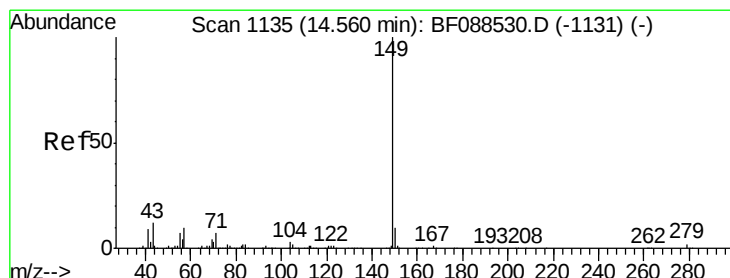
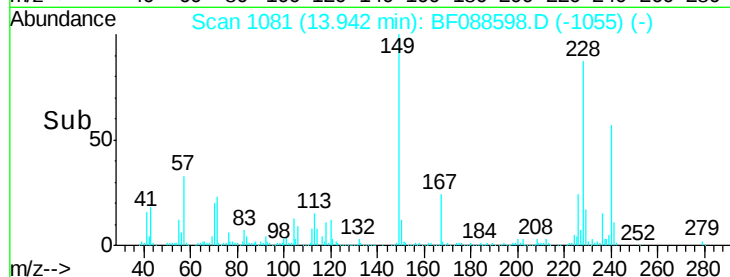
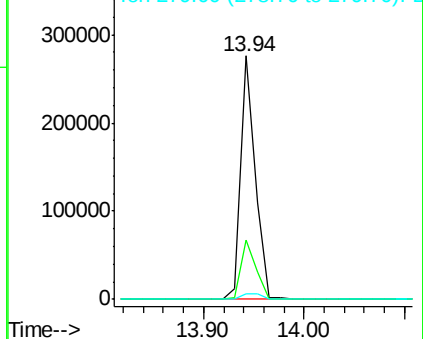
279 2.0 2.0 3.0



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: 25.43 ng

RT: 14.55 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

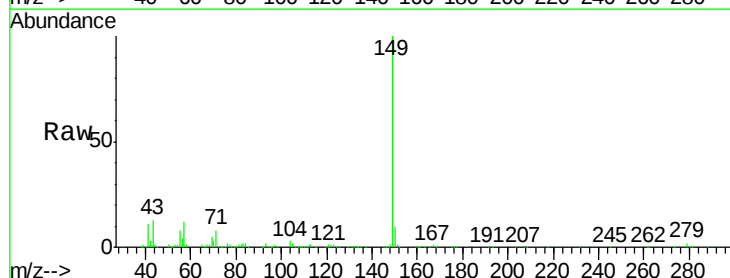
Tgt Ion:149 Resp: 464193

Ion Ratio Lower Upper

149 100

167 1.7 0.0 0.0#

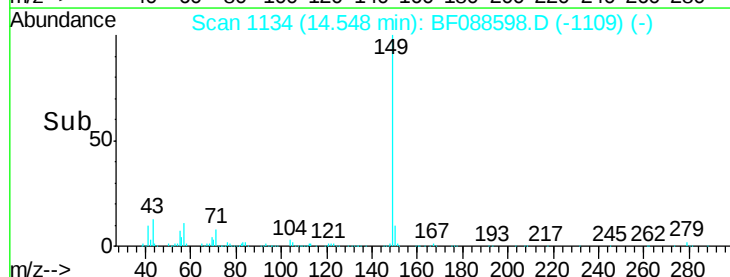
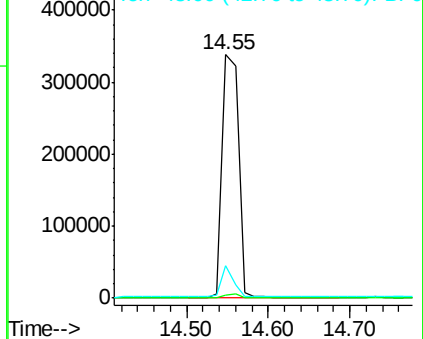
43 10.1 0.0 0.0#

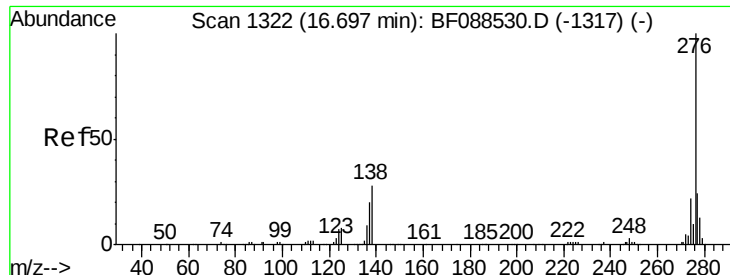


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

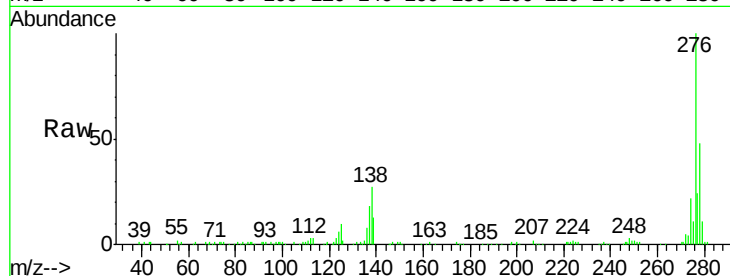




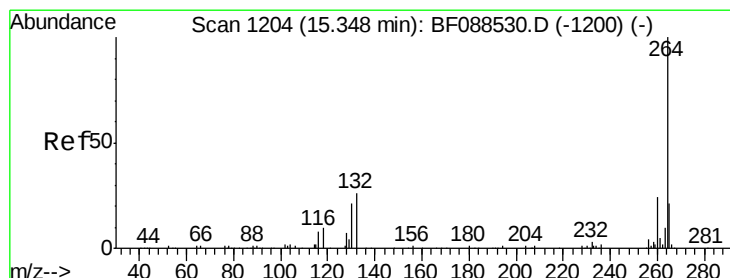
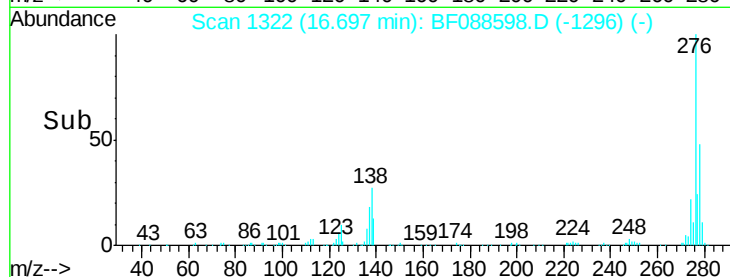
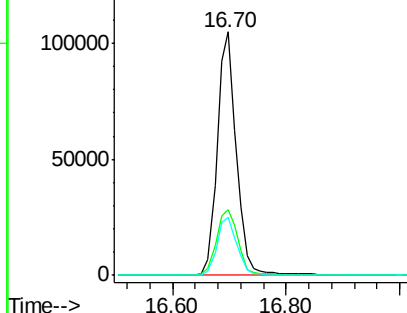
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.01 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPMS

Tgt Ion: 276 Resp: 244013
 Ion Ratio Lower Upper
 276 100
 138 30.6 0.0 0.0#
 277 25.1 0.0 0.0#

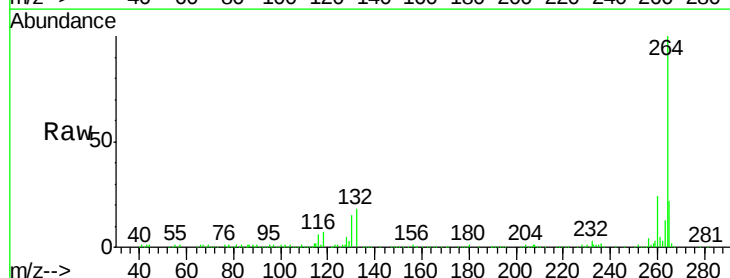


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

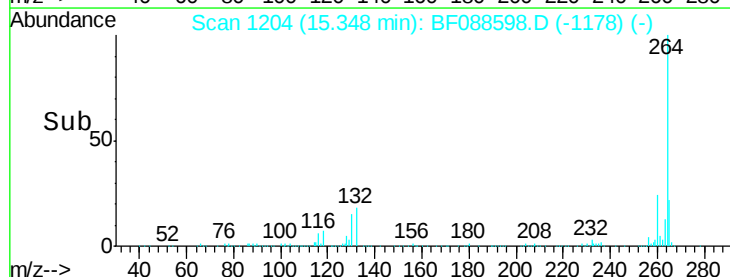
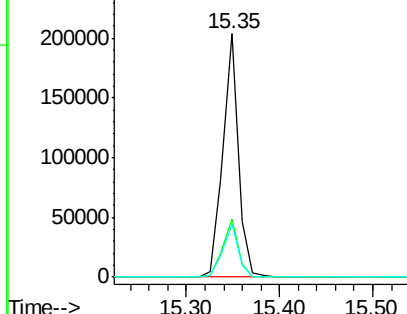


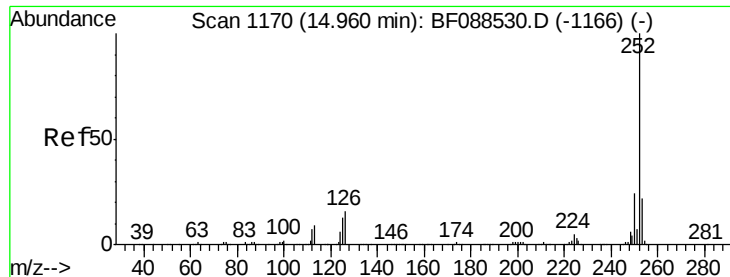
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088598.D
 Acq: 2 Jul 2016 3:04

Tgt Ion: 264 Resp: 234886
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.5 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.04 ng

RT: 14.98 min Scan# 1172

Delta R.T. 0.02 min

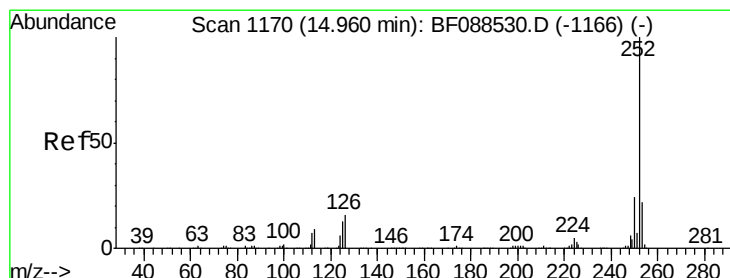
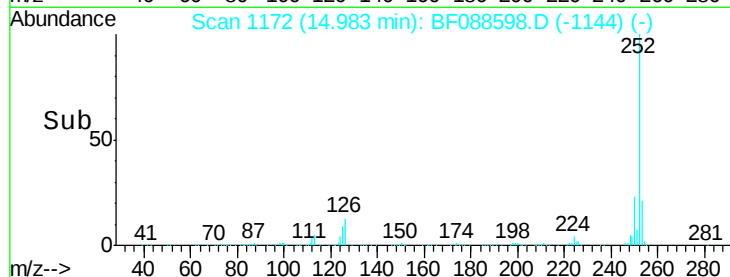
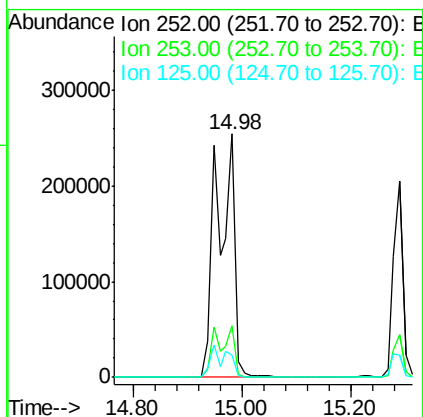
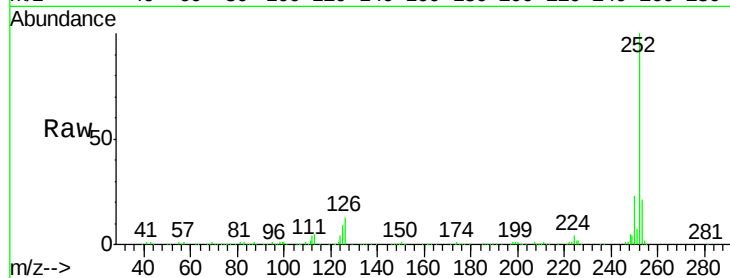
Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPMS

Tgt Ion:252 Resp: 575280

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.2
125	9.0	7.1	10.7



#88

Benzo(k)fluoranthene

Concen: 44.85 ng

RT: 14.98 min Scan# 1172

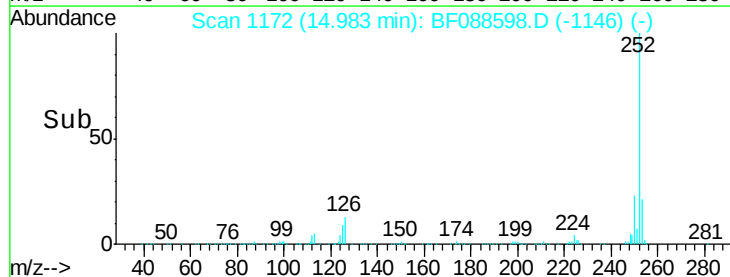
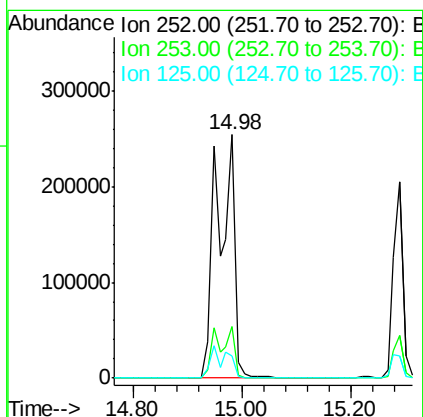
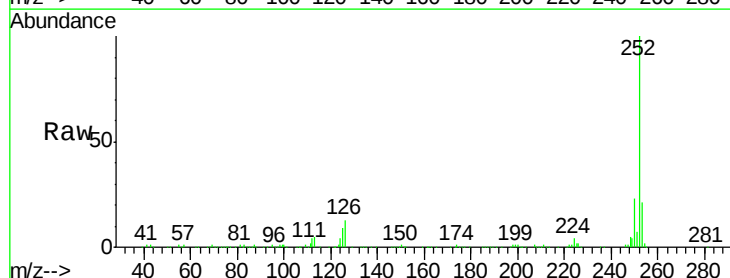
Delta R.T. 0.00 min

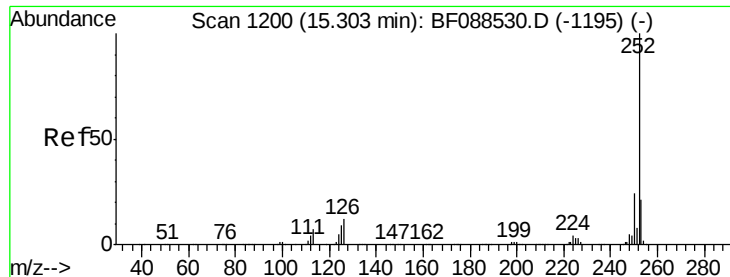
Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Tgt Ion:252 Resp: 575280

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	9.0	11.2	16.8#





#89

Benzo(a)pyrene

Concen: 21.04 ng

RT: 15.29 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

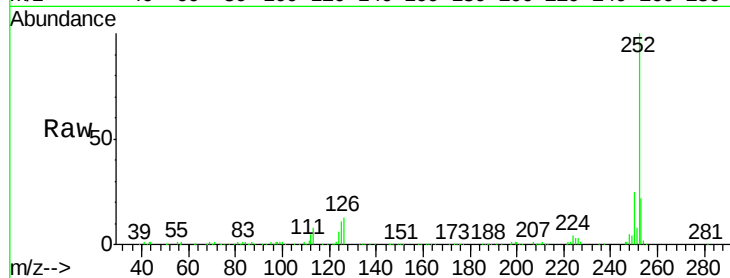
Tgt Ion:252 Resp: 262477

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

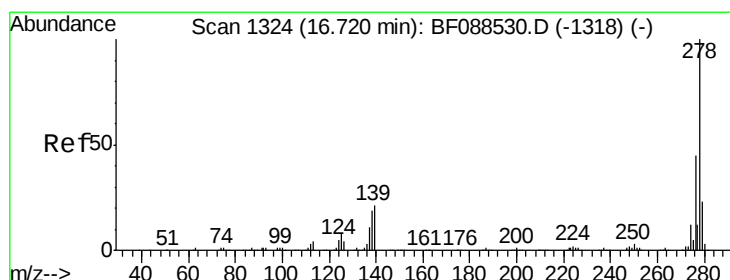
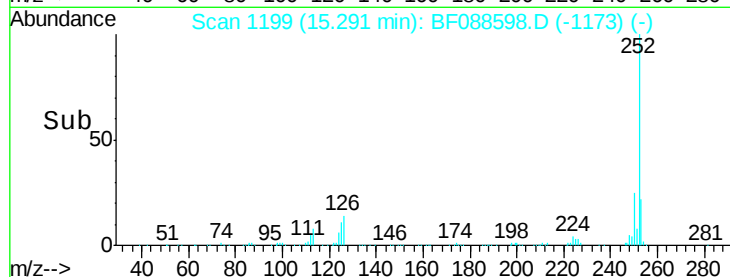
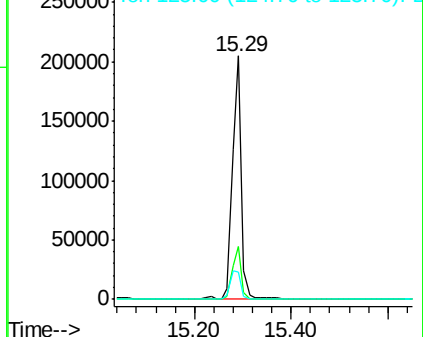
125 11.1 12.5 18.7#



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



#90

Dibenzo(a,h)anthracene

Concen: 19.75 ng

RT: 16.71 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

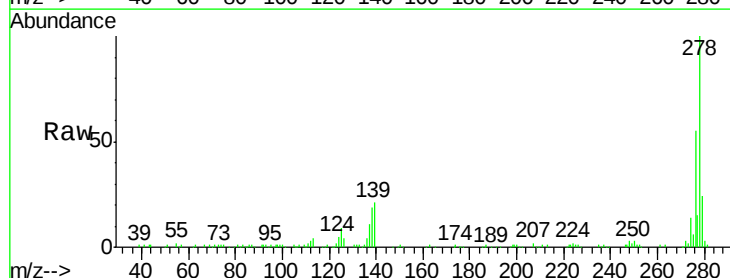
Tgt Ion:278 Resp: 205751

Ion Ratio Lower Upper

278 100

139 20.6 15.7 23.5

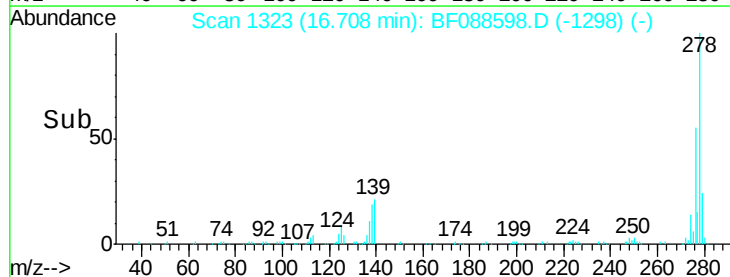
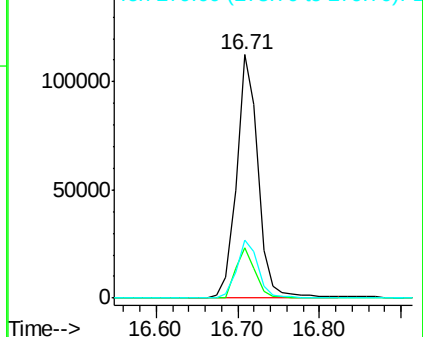
279 23.9 19.4 29.2

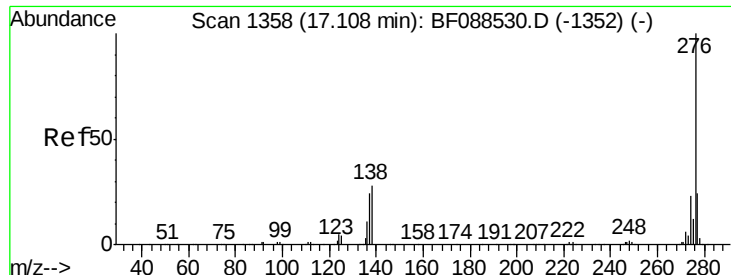


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 18.04 ng

RT: 17.10 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF088598.D

Acq: 2 Jul 2016 3:04

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPMS

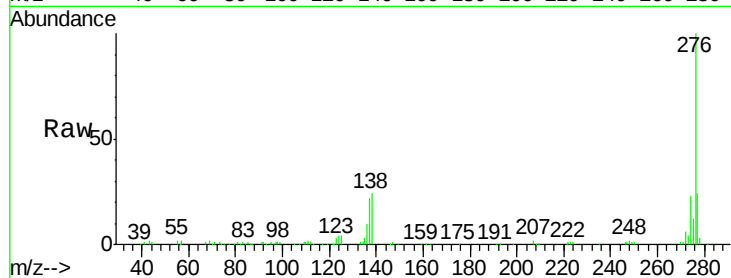
Tgt Ion:276 Resp: 194519

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 24.4 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

