

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088654.D
 Acq On : 3 Jul 2016 17:59
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:59:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106558	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	418249	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	198890	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	396358	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	259157	20.00	ng	-0.02
86) Perylene-d12	15.31	264	247252	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	492098	69.21	ng	-0.03
7) Phenol-d6	6.42	99	671751	73.12	ng	-0.02
23) Nitrobenzene-d5	7.35	82	633824	79.41	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	149835	81.13	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1101684	87.50	ng	-0.02
78) Terphenyl-d14	12.88	244	832882	71.58	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.32	88	122287	34.69	ng	# 35
3) Pyridine	3.00	79	358836	35.08	ng	93
4) n-Nitrosodimethylamine	2.96	42	130440	33.38	ng	89
6) Aniline	6.44	93	467015	34.88	ng	96
8) 2-Chlorophenol	6.57	128	302255	39.55	ng	92
9) Benzaldehyde	6.33	77	210859	33.88	ng	95
10) Phenol	6.43	94	396597	37.82	ng	74
11) bis(2-Chloroethyl)ether	6.52	93	297299	38.02	ng	90
12) 1,3-Dichlorobenzene	6.96	146	315486	37.52	ng	99
13) 1,4-Dichlorobenzene	6.80	146	302524	36.25	ng	94
14) 1,2-Dichlorobenzene	6.73	146	315145	40.34	ng	98
15) Benzyl Alcohol	6.92	79	236763	35.02	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.07	45	387744	34.24	ng	91
17) 2-Methylphenol	7.05	107	250325	40.16	ng	97
18) Hexachloroethane	7.30	117	125593	38.90	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	233211	37.79	ng	# 88
20) 3+4-Methylphenols	7.20	107	263877	35.27	ng	# 70
22) Acetophenone	7.20	105	390057	38.42	ng	# 86
24) Nitrobenzene	7.37	77	335157	41.65	ng	# 84
25) Isophorone	7.61	82	565496	38.25	ng	95
26) 2-Nitrophenol	7.69	139	156520	47.43	ng	# 83
27) 2,4-Dimethylphenol	7.74	122	270589	39.37	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	378294	39.32	ng	# 95
29) 2,4-Dichlorophenol	7.93	162	237344	42.73	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	241348	39.59	ng	98
31) Naphthalene	8.09	128	807098	39.14	ng	100
32) Benzoic acid	7.86	122	207651	41.61	ng	97
33) 4-Chloroaniline	8.15	127	381323	41.57	ng	# 92
34) Hexachlorobutadiene	8.22	225	136721	41.89	ng	99
35) Caprolactam	8.51	113	76687	40.65	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	289090	44.01	ng	96
37) 2-Methylnaphthalene	8.79	142	554161	41.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	248409	37.55	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	124014	38.19	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	180301	41.34	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	158992	42.37	nq #	87
45) 1,1'-Biphenyl	9.24	154	611475	37.13	nq	98
46) 2-Chloronaphthalene	9.27	162	489708	37.88	nq	97
47) 2-Nitroaniline	9.36	65	167248	36.45	nq	96
48) Acenaphthylene	9.68	152	769802	37.42	nq	99
49) Dimethylphthalate	9.55	163	616541	43.51	nq	100
50) 2,6-Dinitrotoluene	9.61	165	144707	46.08	nq #	81
51) Acenaphthene	9.85	154	492190	39.03	nq	98
52) 3-Nitroaniline	9.77	138	143620	35.98	nq	89
53) 2,4-Dinitrophenol	9.87	184	58222	41.99	nq #	85
54) Dibenzofuran	10.02	168	616905	37.38	nq #	87
55) 4-Nitrophenol	9.93	139	113776	37.50	nq	93
56) 2,4-Dinitrotoluene	10.01	165	189998	46.27	nq #	84
57) Fluorene	10.36	166	466383	36.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	124300	42.81	nq #	55
59) Diethylphthalate	10.25	149	607974	42.75	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	244868	41.43	nq	94
61) 4-Nitroaniline	10.39	138	178665	46.51	nq	91
62) Azobenzene	10.52	77	654616	40.36	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	77851	36.72	nq	83
65) n-Nitrosodiphenylamine	10.48	169	464628	34.64	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	144201	36.10	nq #	71
67) Hexachlorobenzene	10.91	284	171412	38.77	nq #	90
68) Atrazine	11.00	200	146630	35.08	nq	91
69) Pentachlorophenol	11.11	266	108643	41.52	nq	98
70) Phenanthrene	11.32	178	847146	39.10	nq	99
71) Anthracene	11.37	178	749327	34.78	nq	100
72) Carbazole	11.53	167	811832	40.04	nq	99
73) Di-n-butylphthalate	11.87	149	879748	37.30	nq	98
74) Fluoranthene	12.50	202	782771	35.64	nq	99
76) Benzidine	12.63	184	485794	37.09	nq	99
77) Pyrene	12.73	202	842409	38.34	nq	99
79) Butylbenzylphthalate	13.36	149	403752	41.19	nq	89
80) Benzo(a)anthracene	13.91	228	653051	39.13	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	266468	42.47	nq	99
82) Chrysene	13.95	228	691155	41.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	464798	41.54	nq	99
84) Di-n-octyl phthalate	14.53	149	819659	43.12	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	505167	39.77	nq #	100
87) Benzo(b)fluoranthene	14.93	252	1116663	72.00	nq	99
88) Benzo(k)fluoranthene	14.93	252	1116614	82.70	nq #	95
89) Benzo(a)pyrene	15.26	252	502365	38.25	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	436766	39.83	nq	99
91) Benzo(g,h,i)perylene	17.05	276	440581	38.83	nq	97

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

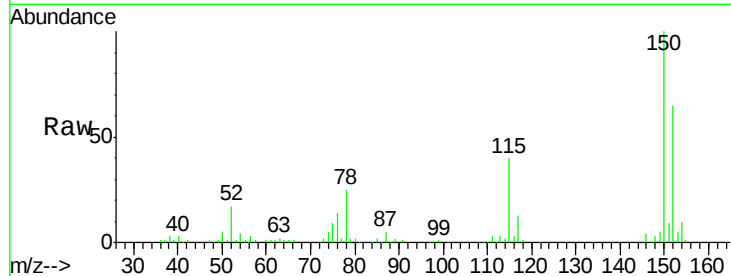


#1

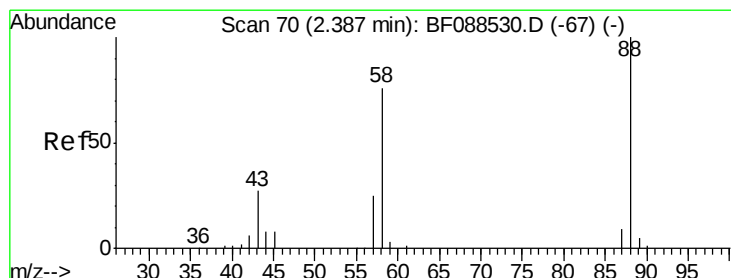
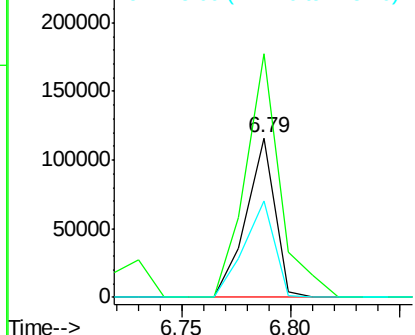
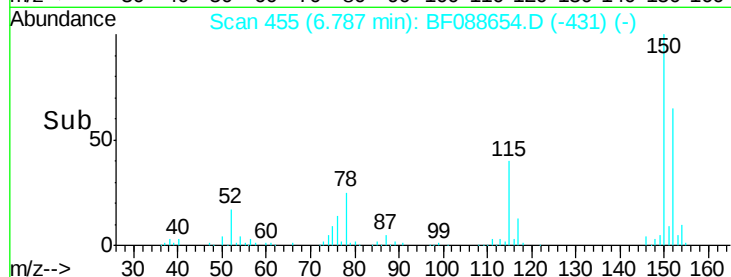
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106558
Ion Ratio Lower Upper
152 100
150 152.9 123.8 185.6
115 60.9 39.6 59.4#



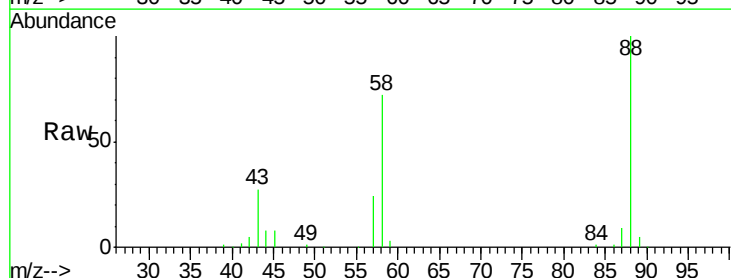
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



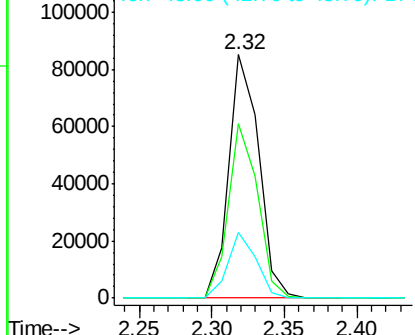
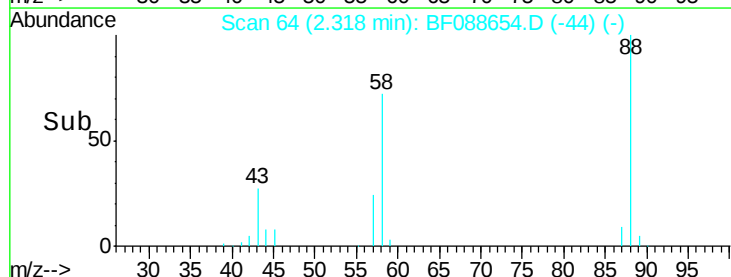
#2

1,4-Dioxane
Concen: 34.69 ng
RT: 2.32 min Scan# 64
Delta R.T. -0.07 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion: 88 Resp: 122287
Ion Ratio Lower Upper
88 100
58 70.2 0.0 0.0#
43 25.6 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

Pvridine

Concen: 35.08 ng

RT: 3.00 min Scan# 124

Delta R.T. -0.08 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

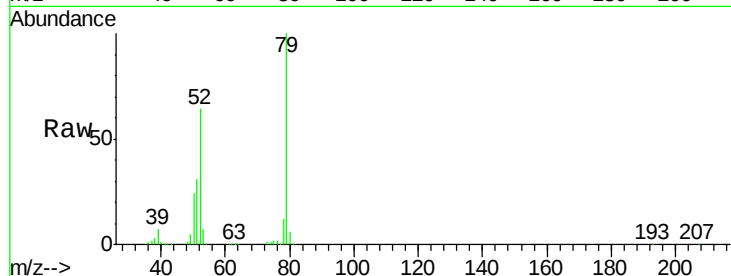
Tot Ion: 79 Resp: 358836

Ion Ratio Lower Upper

79 100

52 64.4 56.3 84.5

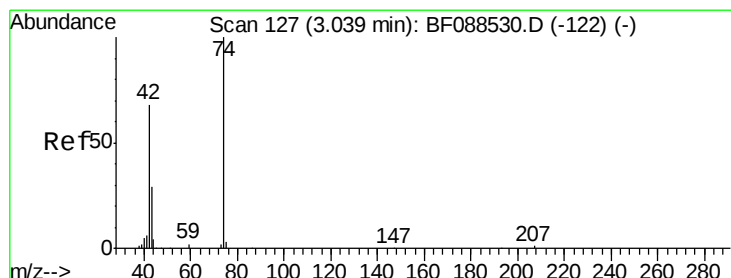
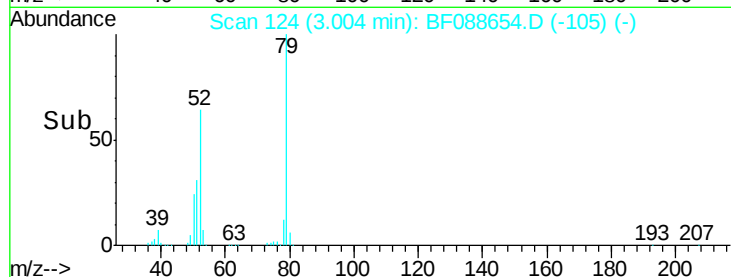
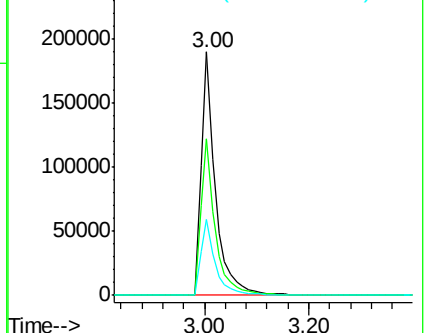
51 31.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.38 ng

RT: 2.96 min Scan# 120

Delta R.T. -0.08 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

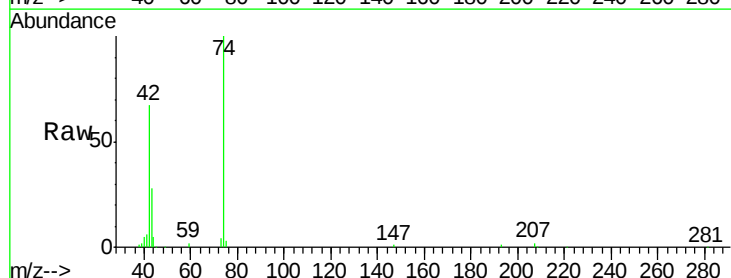
Tgt Ion: 42 Resp: 130440

Ion Ratio Lower Upper

42 100

74 150.0 108.6 163.0

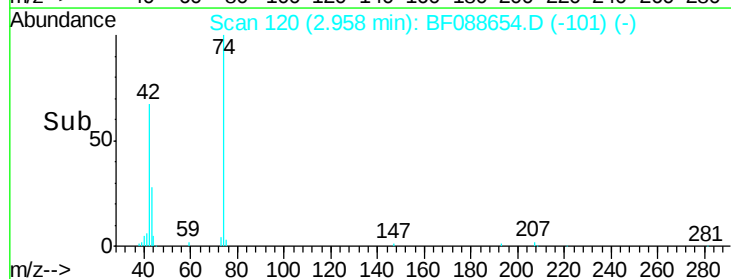
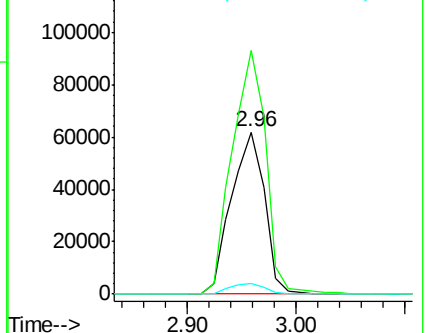
44 6.8 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.21 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

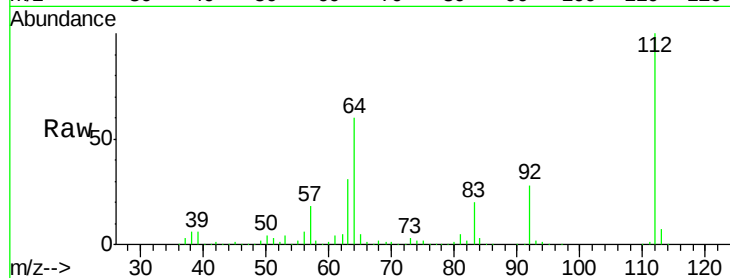
Tot Ion:112 Resp: 492098

Ion Ratio Lower Upper

112 100

64 59.6 42.2 63.2

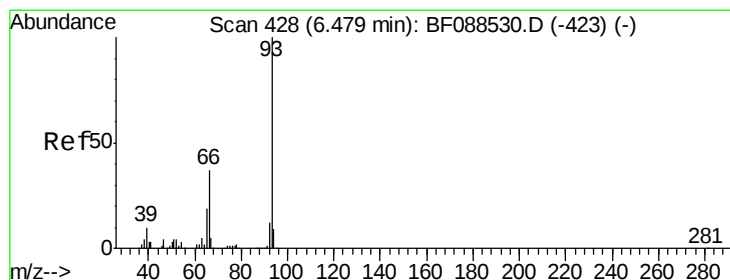
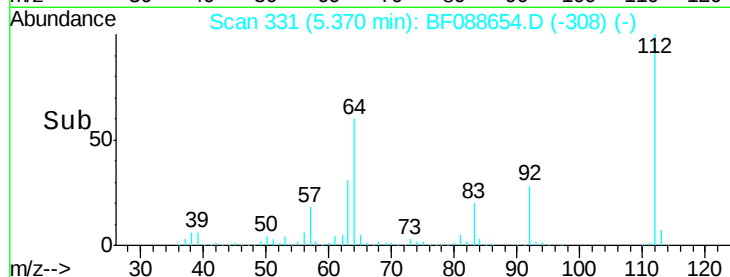
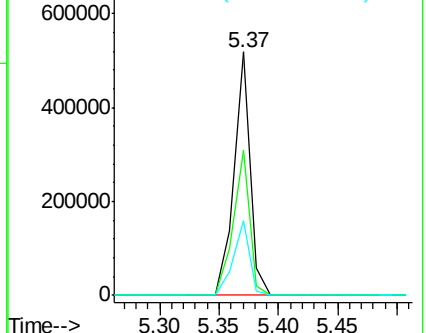
63 30.9 21.8 32.8



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: 34.88 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

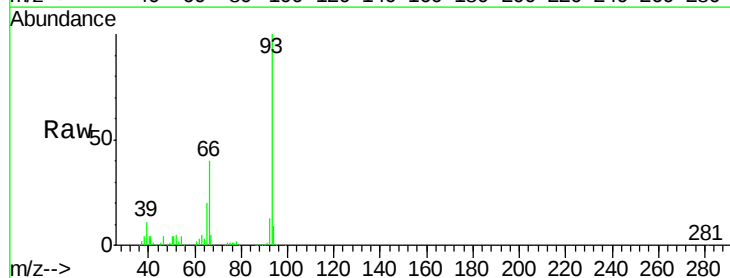
Tgt Ion: 93 Resp: 467015

Ion Ratio Lower Upper

93 100

66 39.7 29.8 44.8

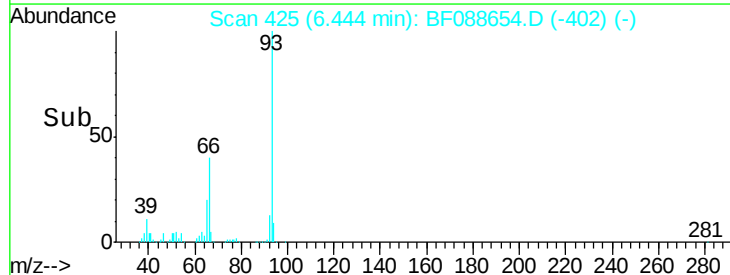
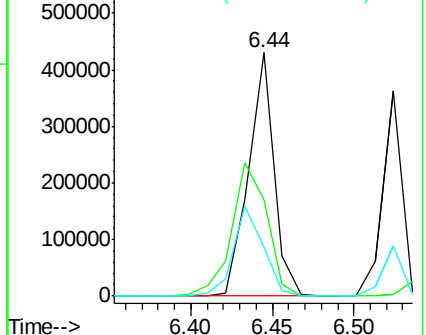
65 20.0 14.9 22.3

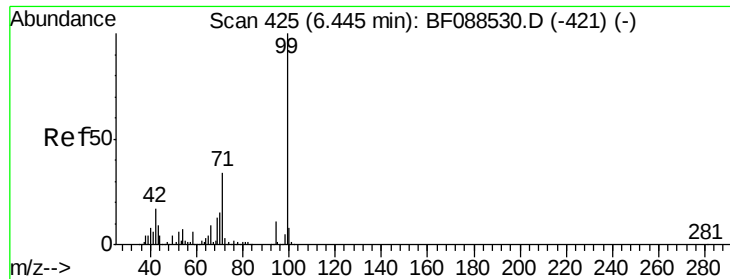


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.12 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

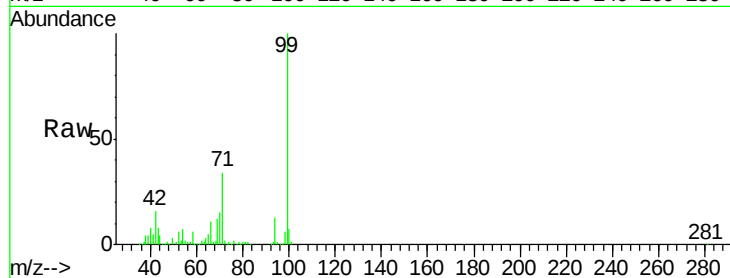
Tot Ion: 99 Resp: 671751

Ion Ratio Lower Upper

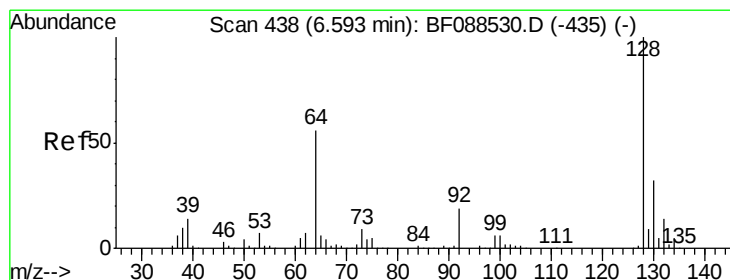
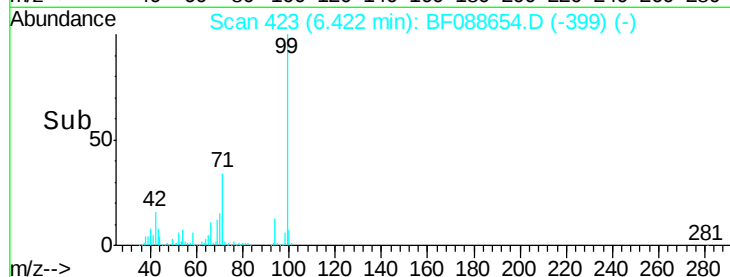
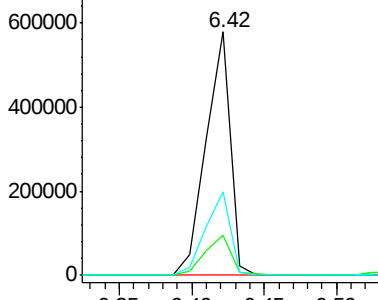
99 100

42 16.4 12.2 18.2

71 34.1 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.55 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

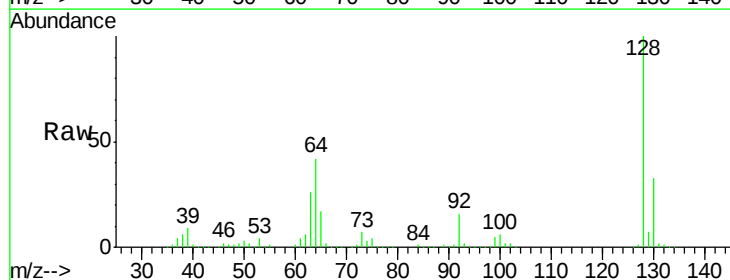
Tgt Ion: 128 Resp: 302255

Ion Ratio Lower Upper

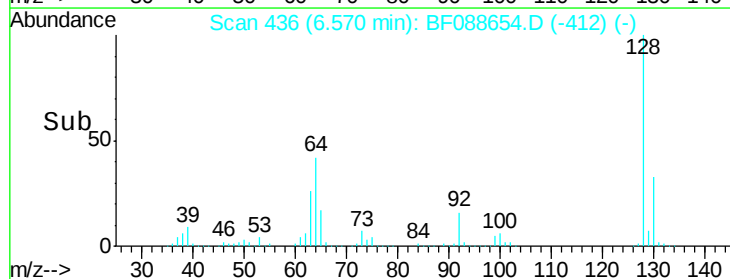
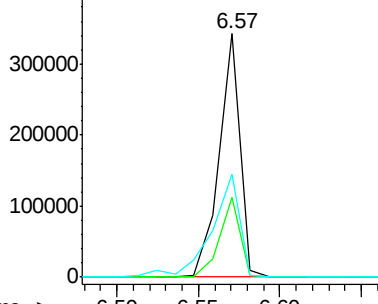
128 100

130 32.7 12.0 52.0

64 42.0 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.88 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampled :

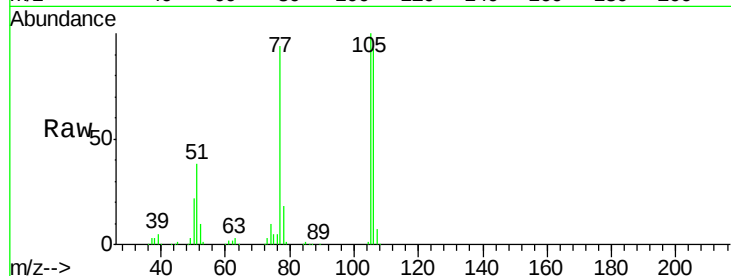
Tot Ion: 77 Resp: 210859

Ion Ratio Lower Upper

77 100

105 106.5 90.6 130.6

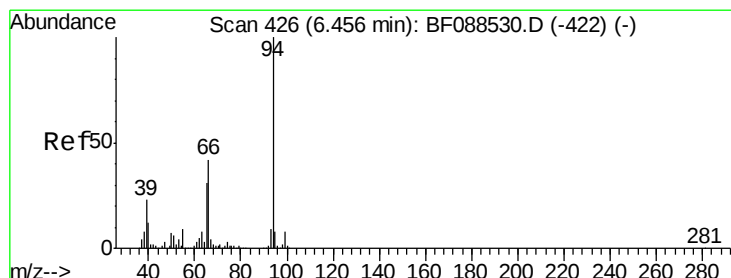
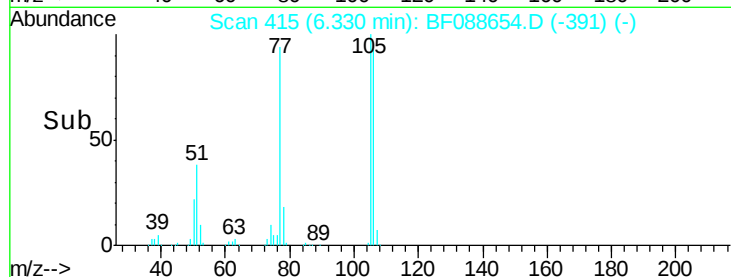
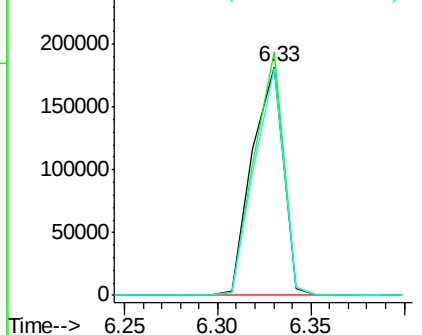
106 99.1 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.82 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

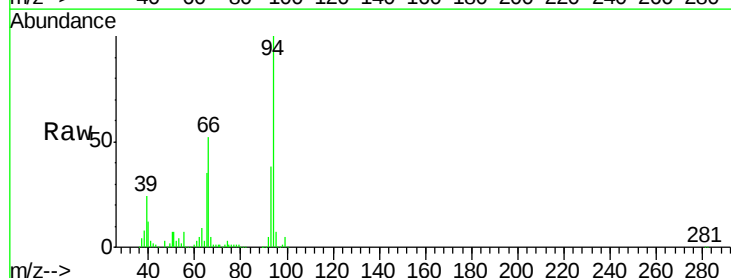
Tgt Ion: 94 Resp: 396597

Ion Ratio Lower Upper

94 100

65 35.3 5.9 45.9

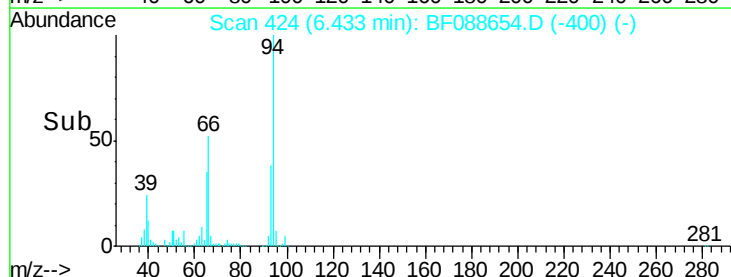
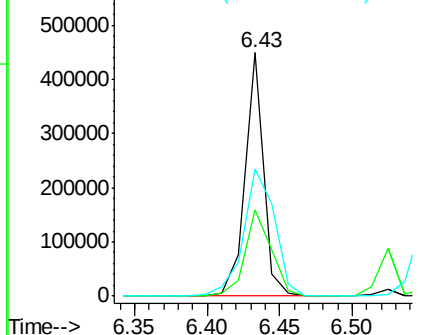
66 52.4 14.0 54.0

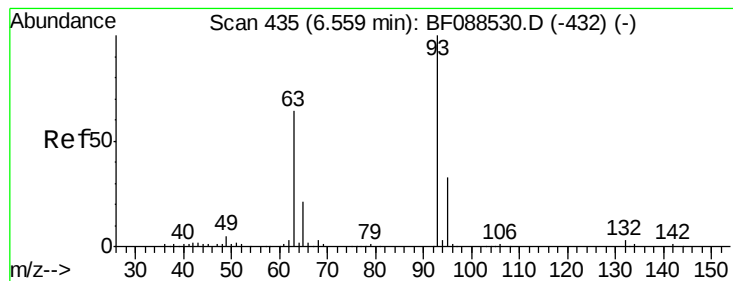


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.02 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

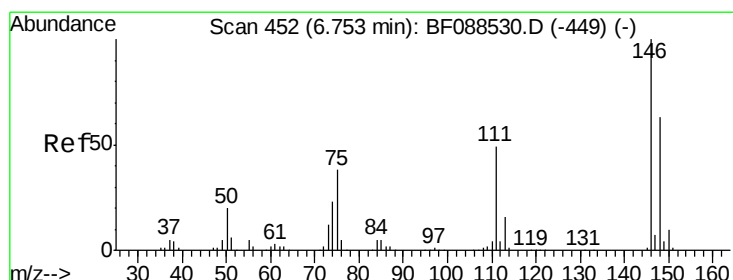
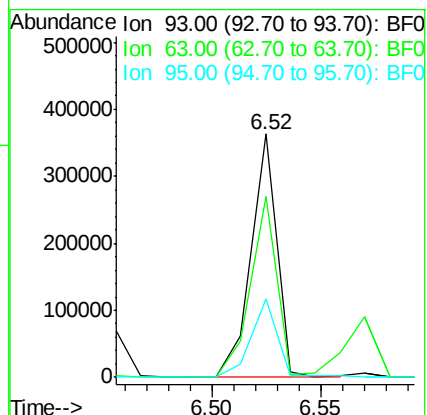
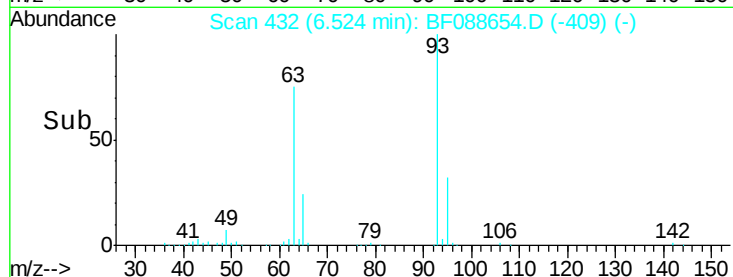
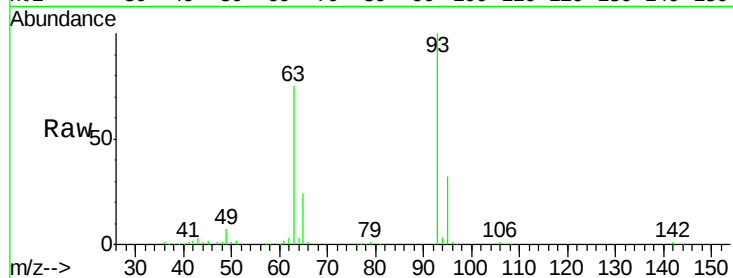
Tot Ion: 93 Resp: 297299

Ion Ratio Lower Upper

93 100

63 74.5 67.6 107.6

95 32.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 37.52 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.21 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

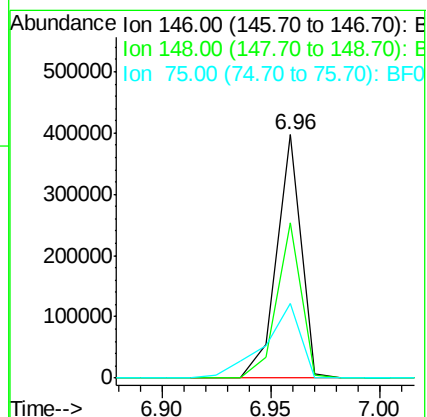
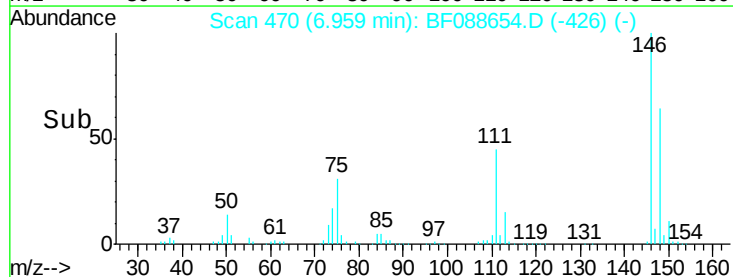
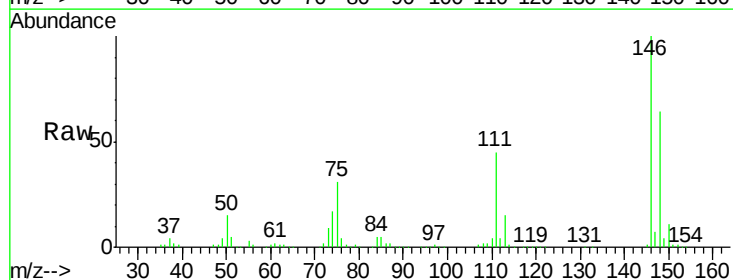
Tgt Ion: 146 Resp: 315486

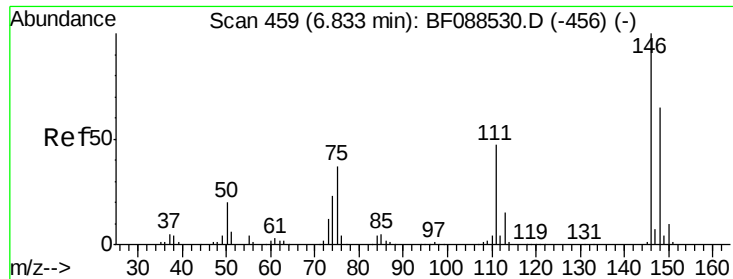
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 30.7 25.6 38.4

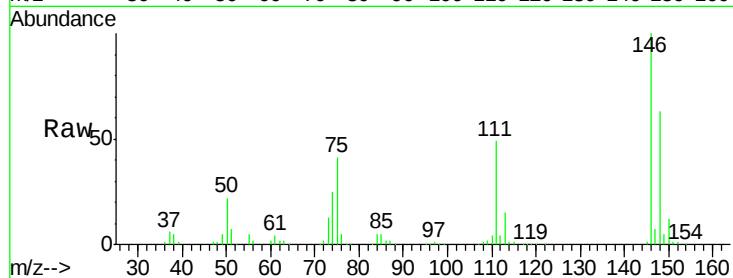




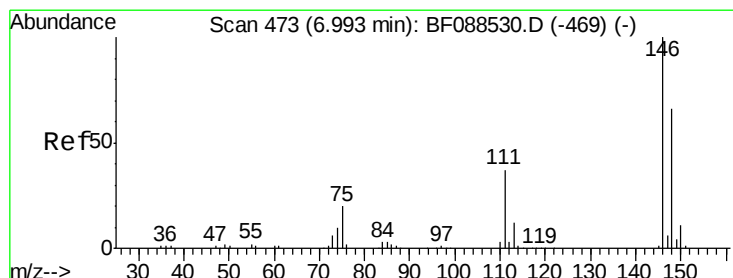
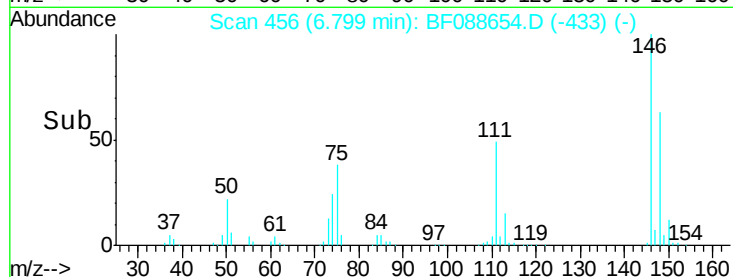
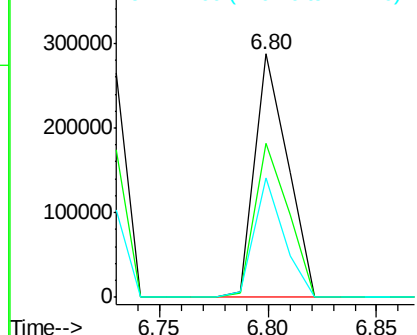
#13
 1,4-Dichlorobenzene
 Concen: 36.25 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 302524
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 49.0 33.8 50.8

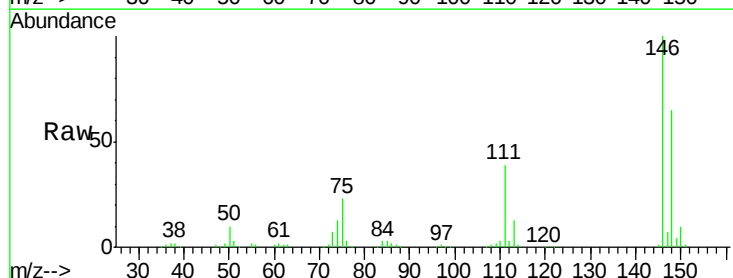


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

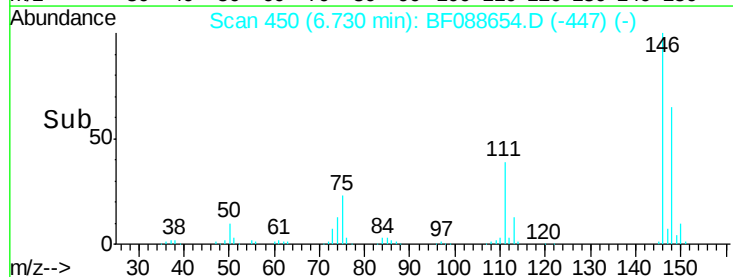
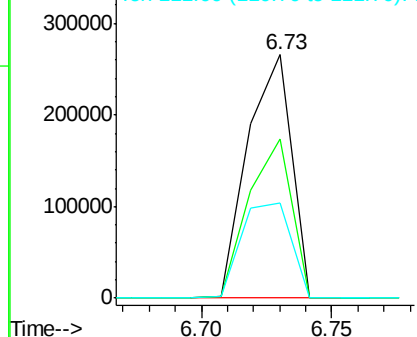


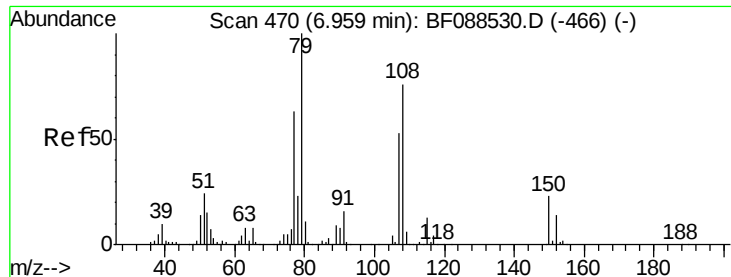
#14
 1,2-Dichlorobenzene
 Concen: 40.34 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.26 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:146 Resp: 315145
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.3 78.5
 111 39.0 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.02 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

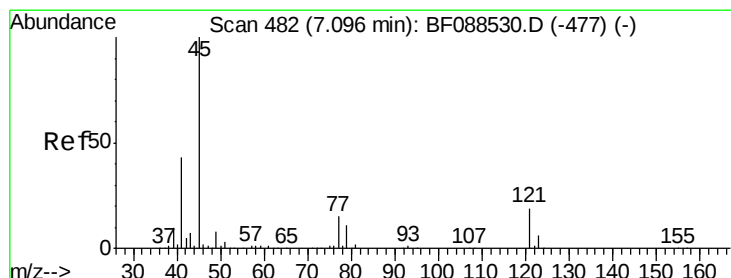
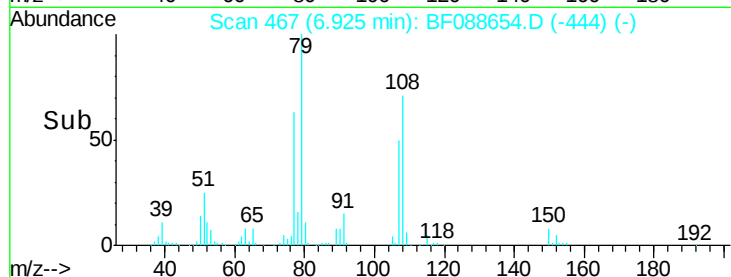
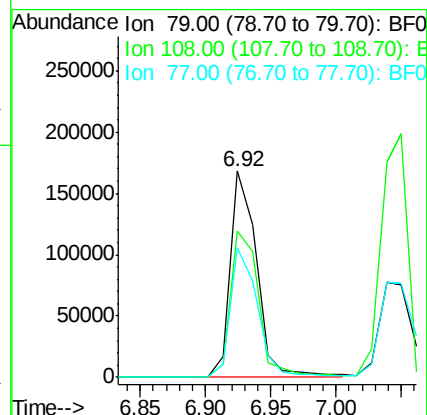
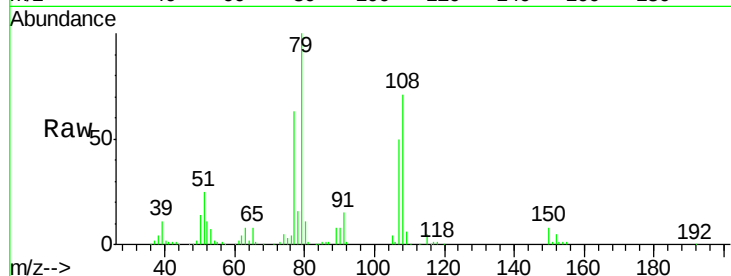
Tot Ion: 79 Resp: 236763

Ion Ratio Lower Upper

79 100

108 71.0 65.0 97.6

77 62.7 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.24 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

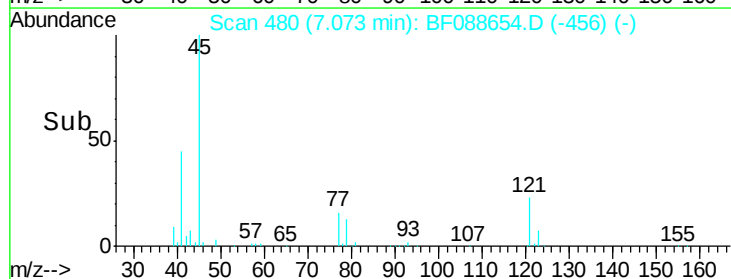
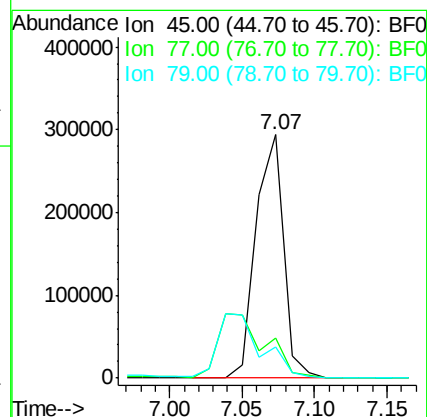
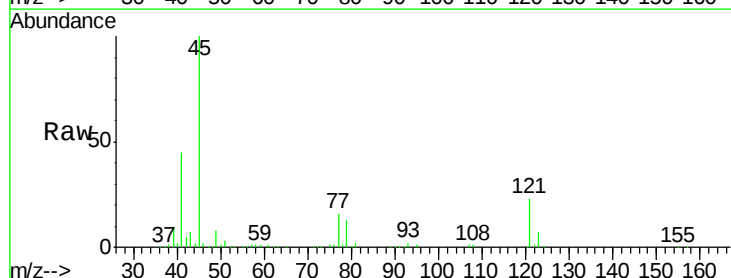
Tgt Ion: 45 Resp: 387744

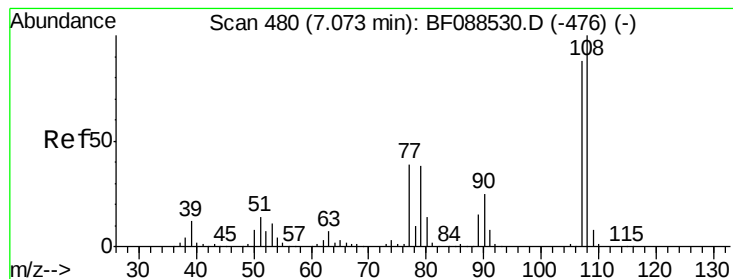
Ion Ratio Lower Upper

45 100

77 16.2 0.0 32.5

79 12.8 0.0 29.5





#17

2-Methylphenol

Concen: 40.16 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 250325

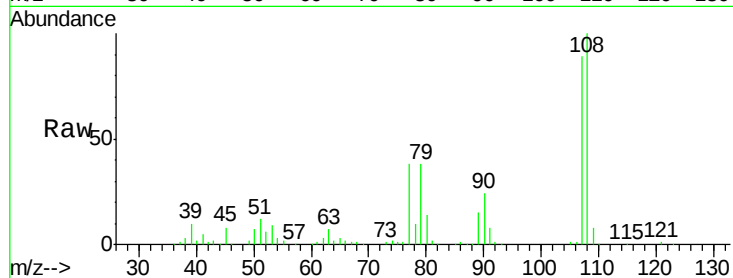
Ion Ratio Lower Upper

107 100

108 112.1 90.9 136.3

77 42.9 36.6 55.0

79 42.8 36.5 54.7

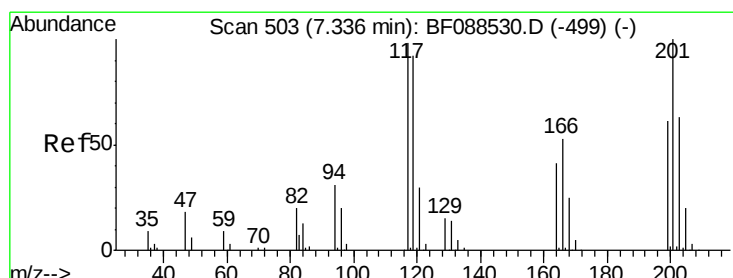
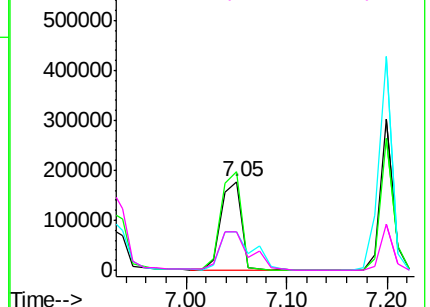
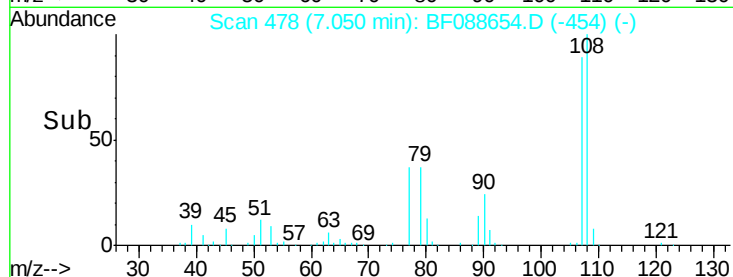


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.90 ng

RT: 7.30 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

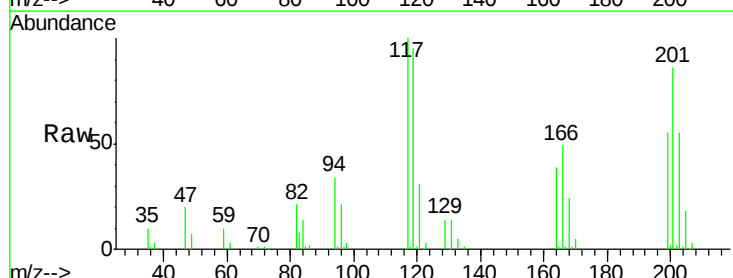
Tgt Ion:117 Resp: 125593

Ion Ratio Lower Upper

117 100

119 95.1 77.4 116.2

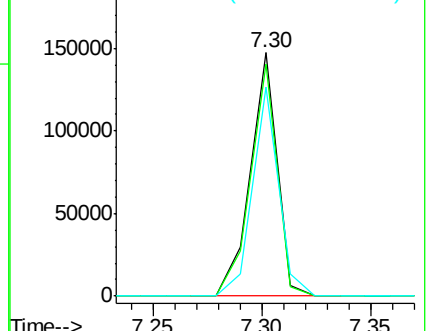
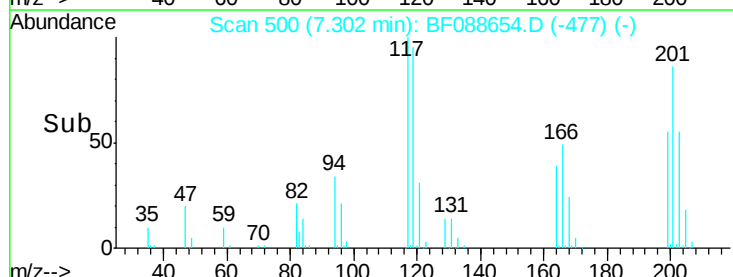
201 85.6 80.4 120.6

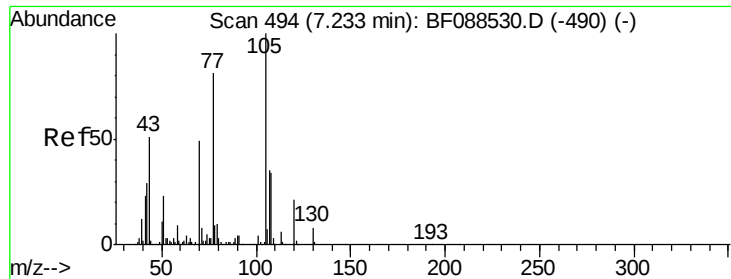


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

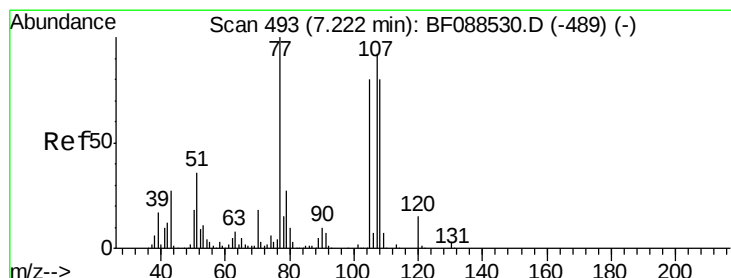
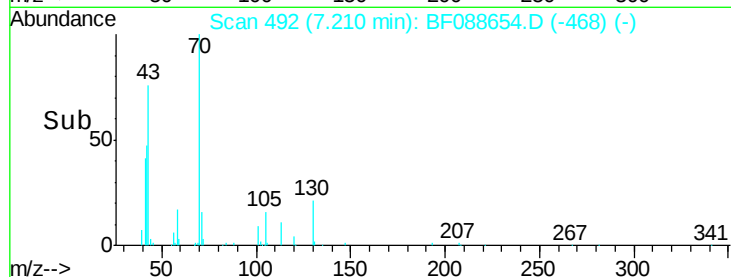
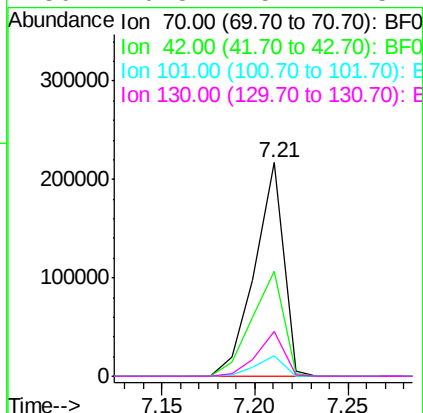
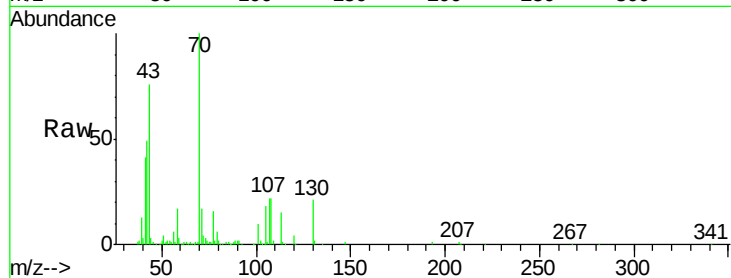




#19
n-Nitroso-di-n-propylamine
Concen: 37.79 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

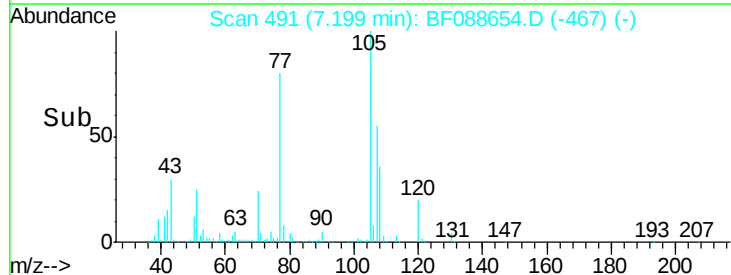
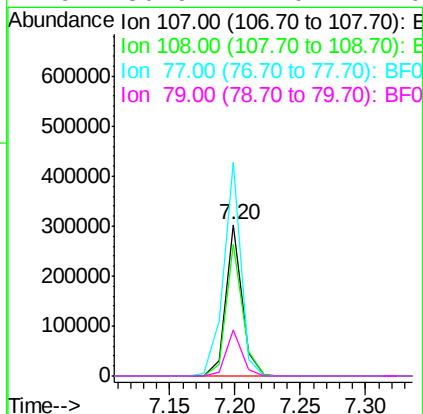
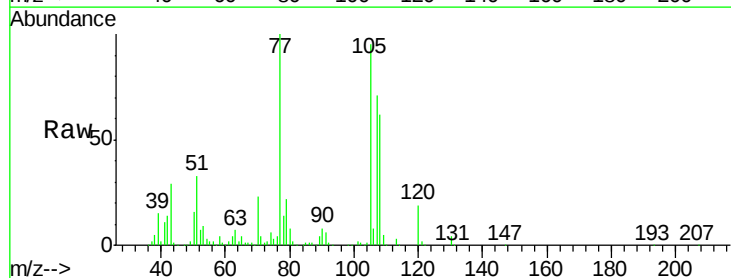
Instrument :
BNA_F
ClientSampleId :

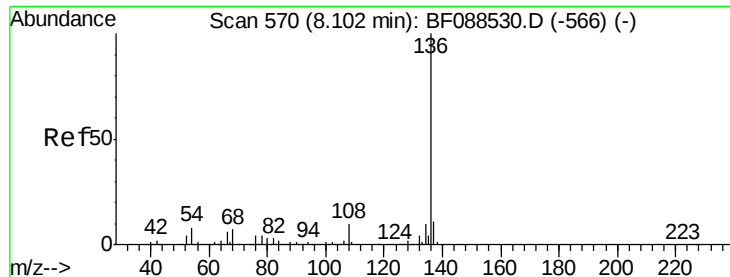
Tot Ion: 70 Resp: 233211
Ion Ratio Lower Upper
70 100
42 49.4 49.6 74.4#
101 9.7 7.1 10.7
130 20.8 15.4 23.2



#20
3+4-Methylphenols
Concen: 35.27 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion:107 Resp: 263877
Ion Ratio Lower Upper
107 100
108 87.1 67.8 107.8
77 141.3 59.3 99.3#
79 30.9 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 418249

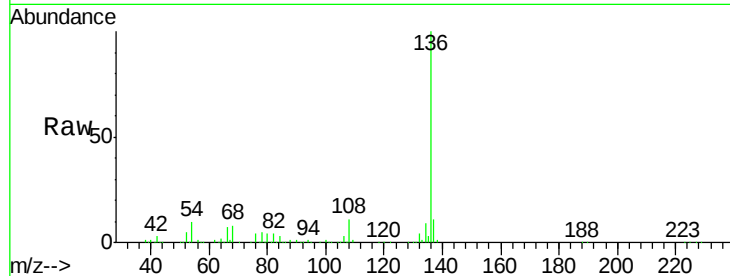
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.7 6.6 10.0

68 8.1 5.1 7.7#

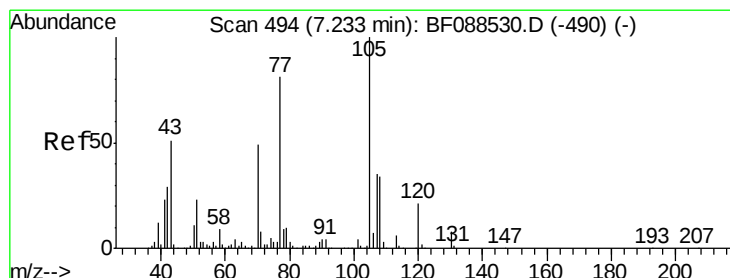
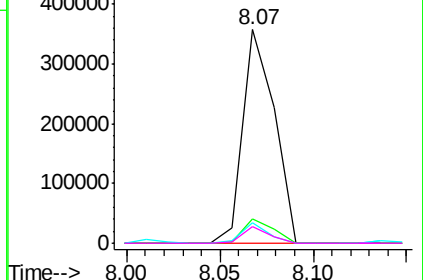
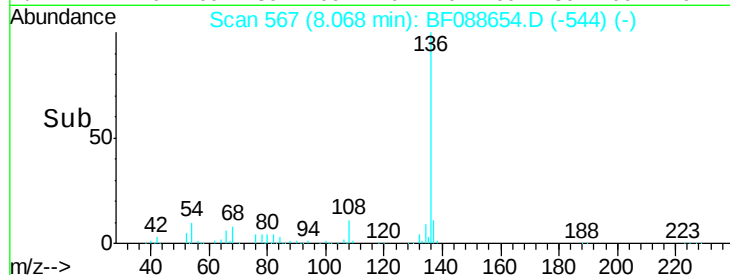


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.42 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Tgt Ion:105 Resp: 390057

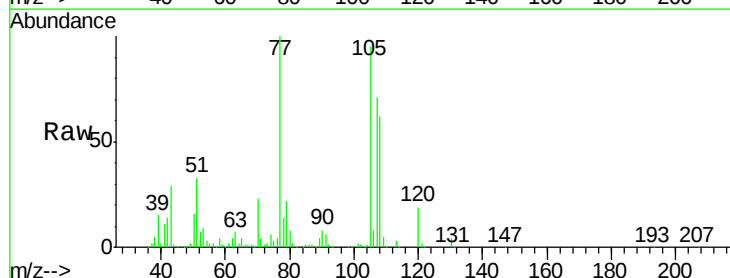
Ion Ratio Lower Upper

105 100

71 4.0 5.3 7.9#

51 34.8 18.2 27.4#

120 20.1 18.0 27.0

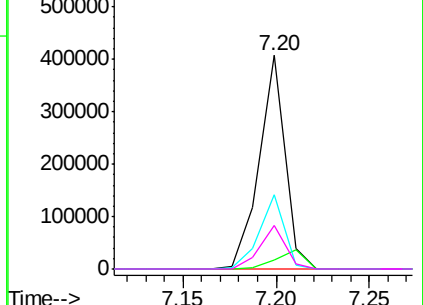
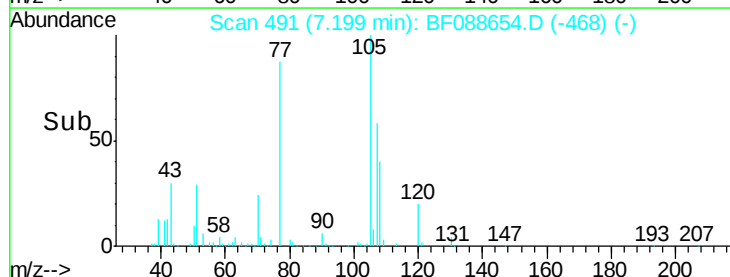


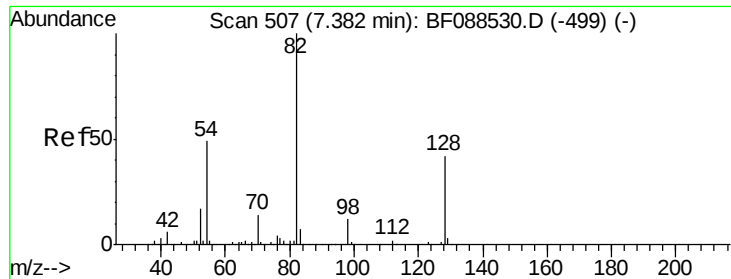
Abundance Ion 105.00 (104.70 to 105.70): E

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

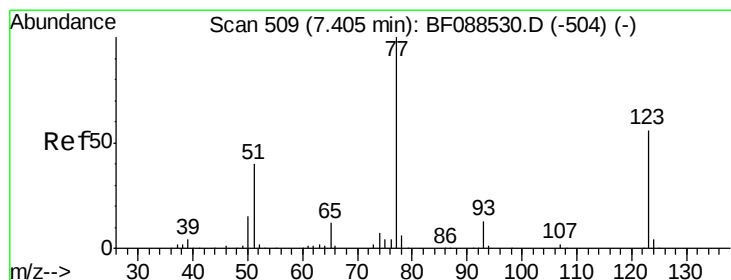
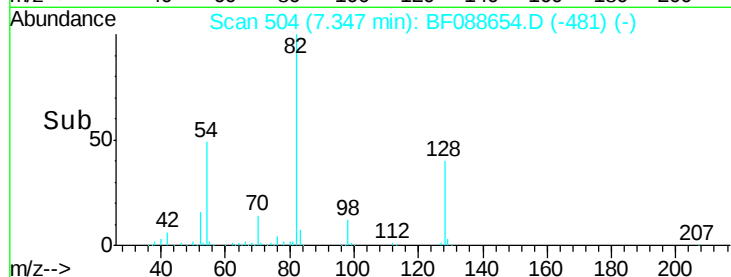
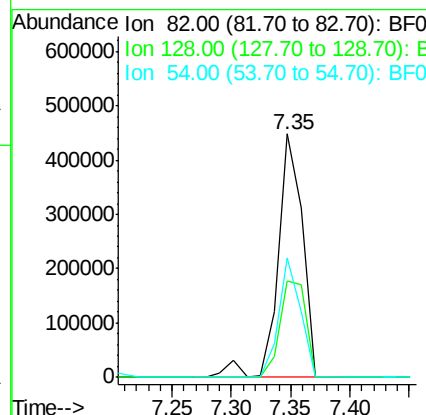
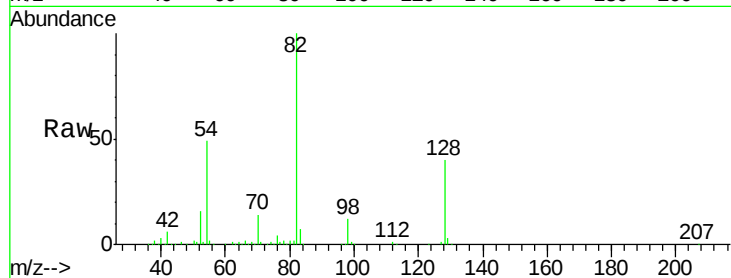




#23
 Nitrobenzene-d5
 Concen: 79.41 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

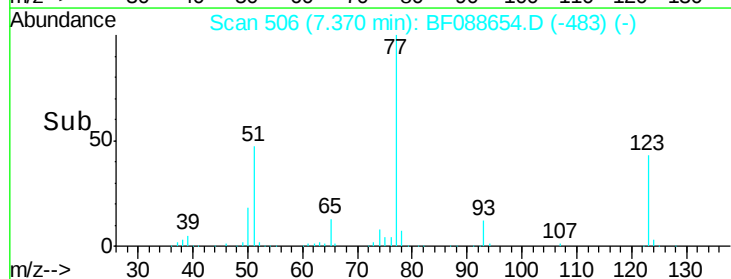
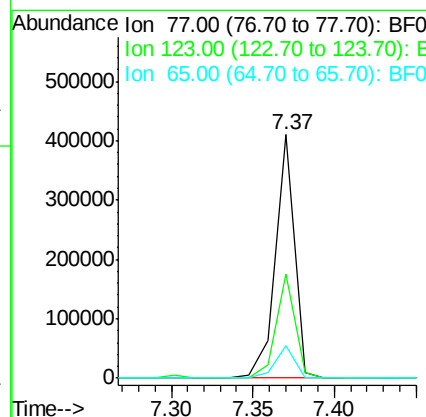
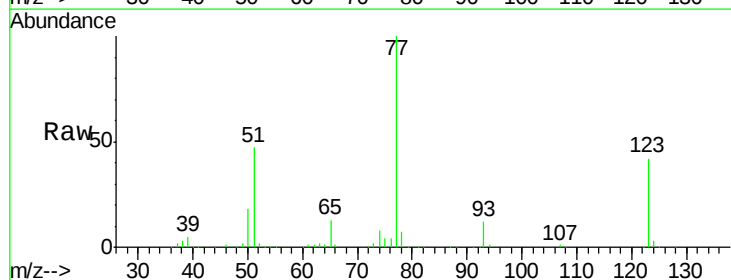
Instrument :
 BNA_F
 ClientSampled :

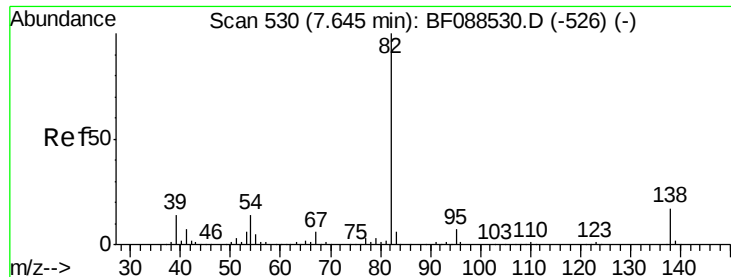
Tot Ion	82	Resp	633824
Ion Ratio	100	Lower	Upper
128	39.8	35.9	53.9
54	49.2	40.9	61.3



#24
 Nitrobenzene
 Concen: 41.65 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion	77	Resp	335157
Ion Ratio	100	Lower	Upper
123	42.5	45.0	67.4#
65	13.4	10.2	15.2





#25

Isophorone

Concen: 38.25 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

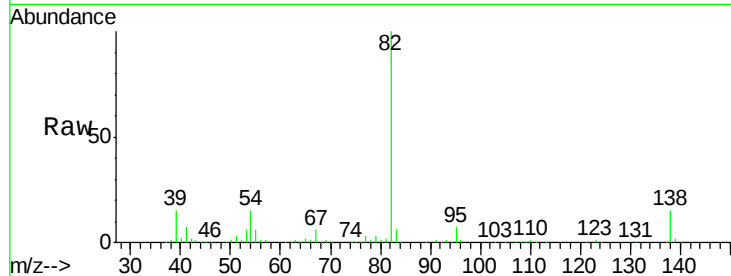
Tot Ion: 82 Resp: 565496

Ion Ratio Lower Upper

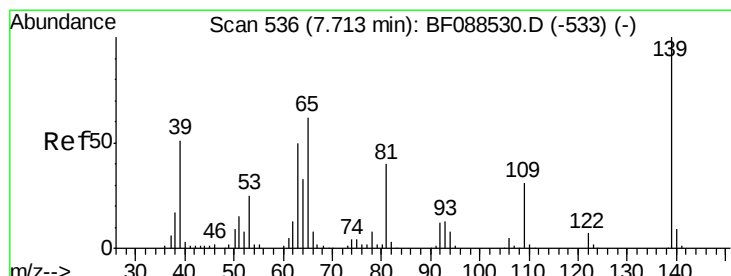
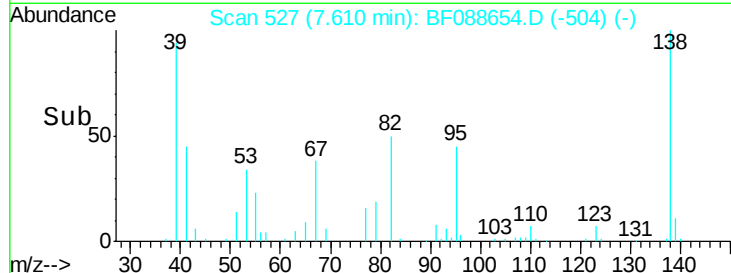
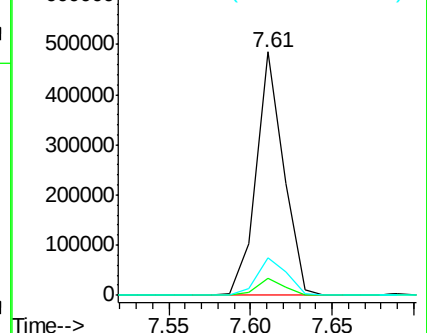
82 100

95 6.9 5.4 8.2

138 15.4 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.43 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

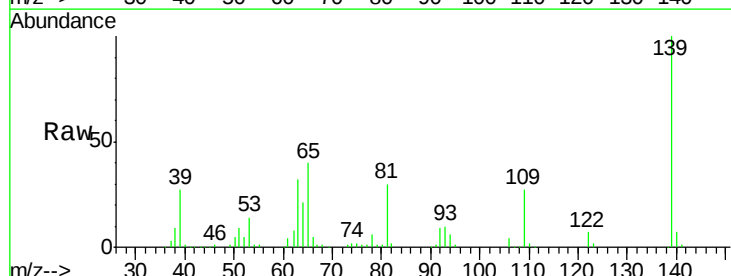
Tgt Ion: 139 Resp: 156520

Ion Ratio Lower Upper

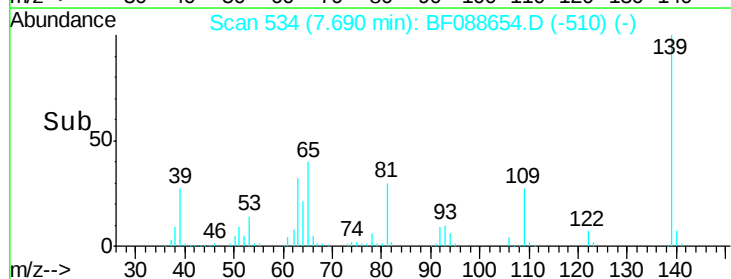
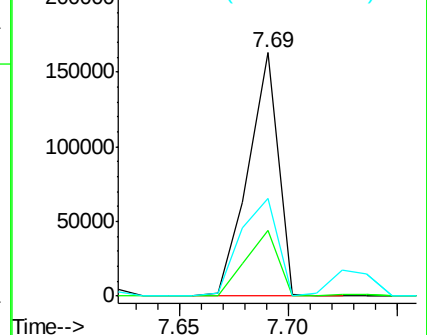
139 100

109 27.2 23.0 34.4

65 39.9 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 39.37 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

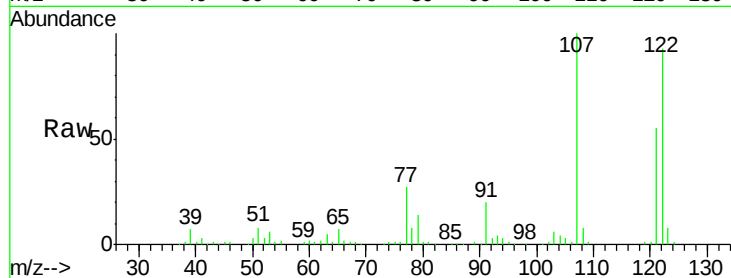
Tot Ion:122 Resp: 270589

Ion Ratio Lower Upper

122 100

107 107.8 82.4 123.6

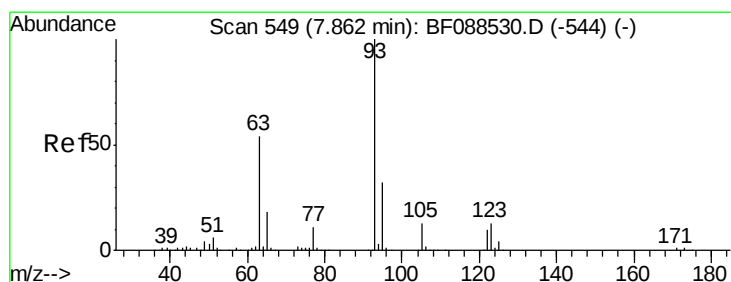
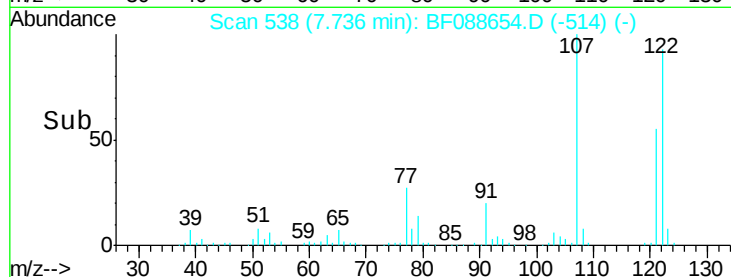
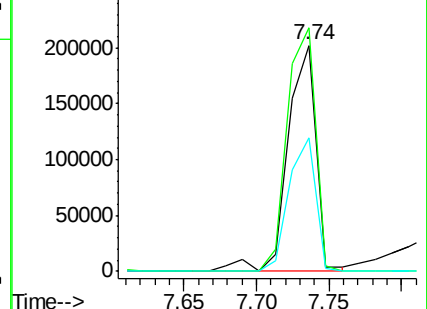
121 59.0 46.3 69.5



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: 39.32 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

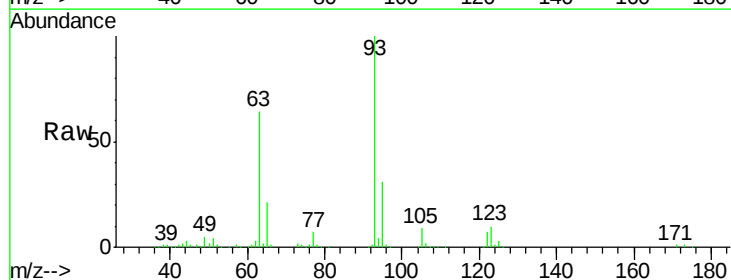
Tgt Ion: 93 Resp: 378294

Ion Ratio Lower Upper

93 100

95 31.4 26.5 39.7

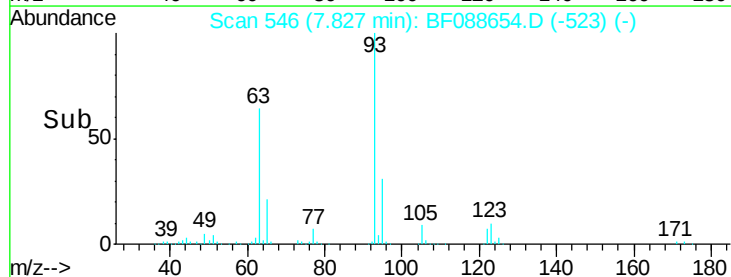
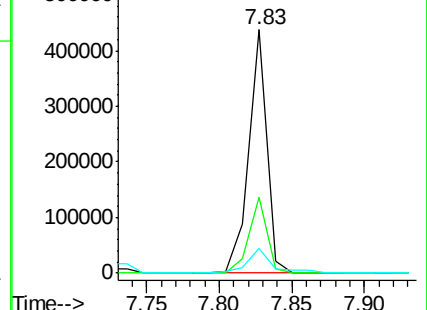
123 10.1 11.6 17.4#



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

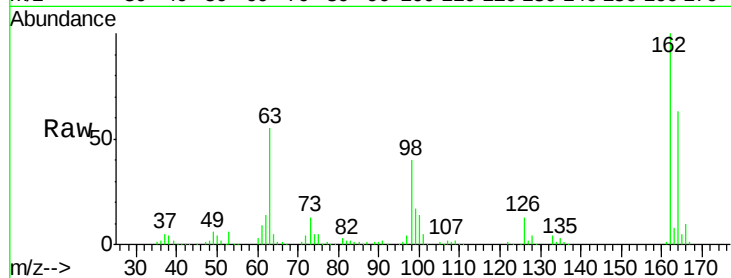




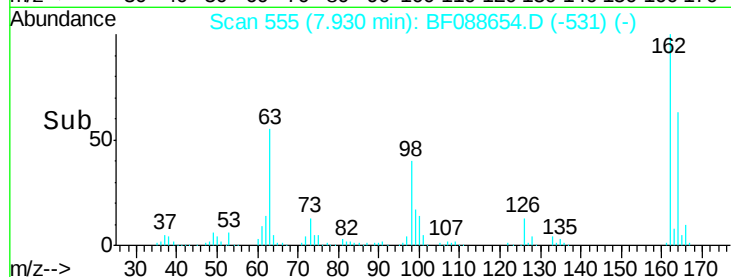
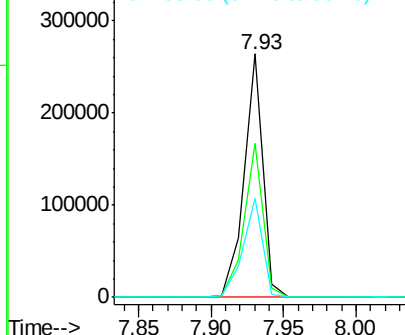
#29
 2,4-Dichlorophenol
 Concen: 42.73 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 237344
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.8 83.8
 98 40.4 21.3 61.3

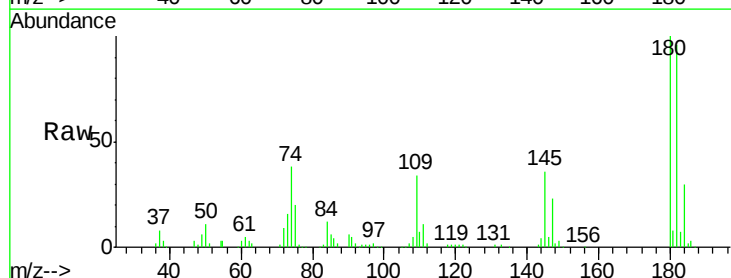


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

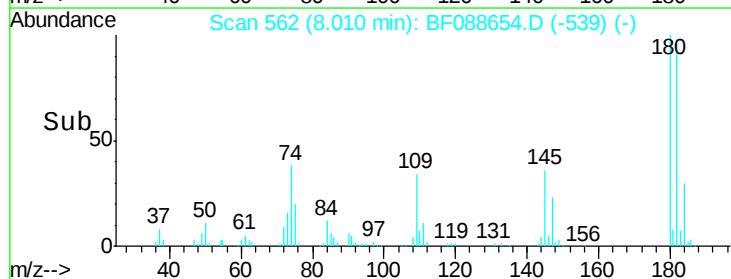
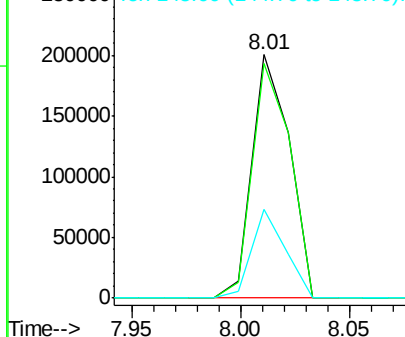


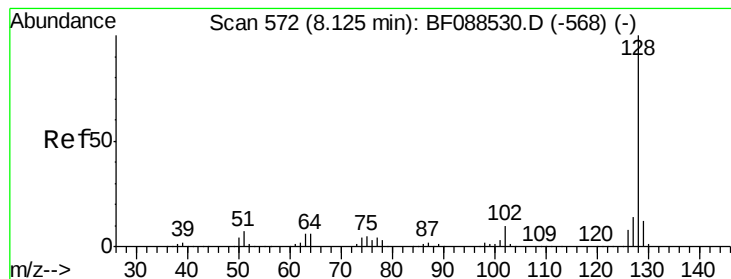
#30
 1,2,4-Trichlorobenzene
 Concen: 39.59 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:180 Resp: 241348
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.0 114.0
 145 36.3 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: 39.14 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampled :

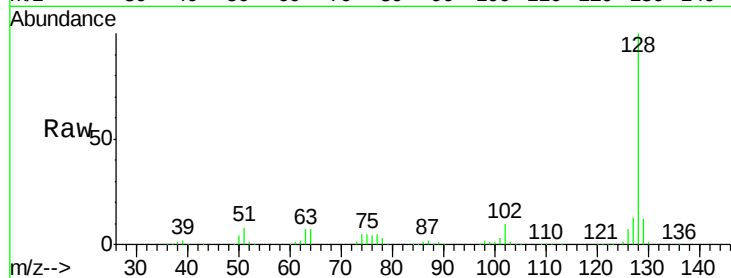
Tot Ion:128 Resp: 807098

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

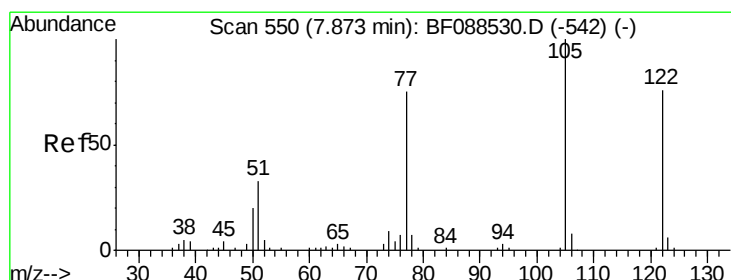
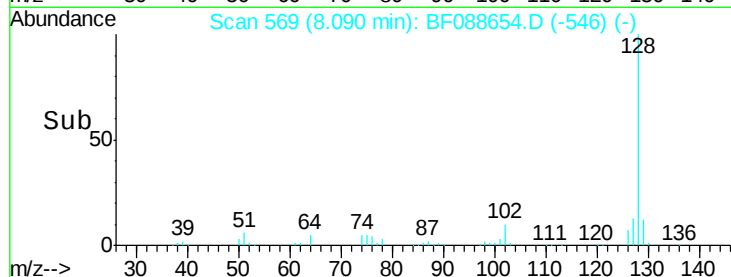
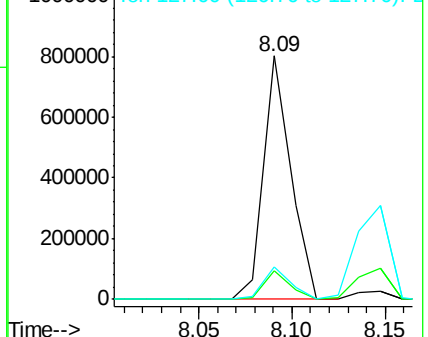
127 13.4 10.9 16.3



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: 41.61 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

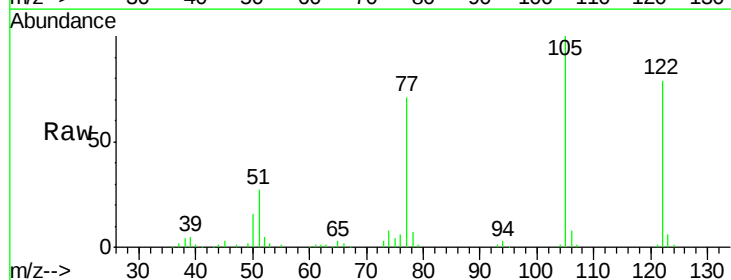
Tgt Ion:122 Resp: 207651

Ion Ratio Lower Upper

122 100

105 127.3 101.6 141.6

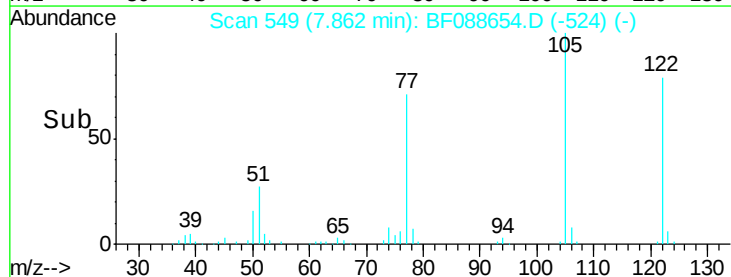
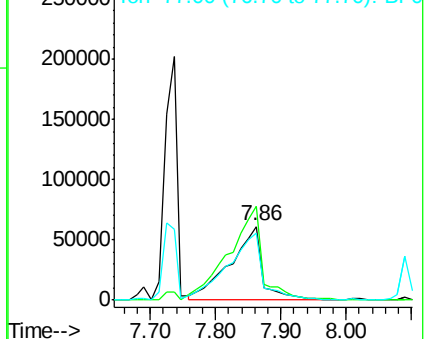
77 90.6 70.6 110.6

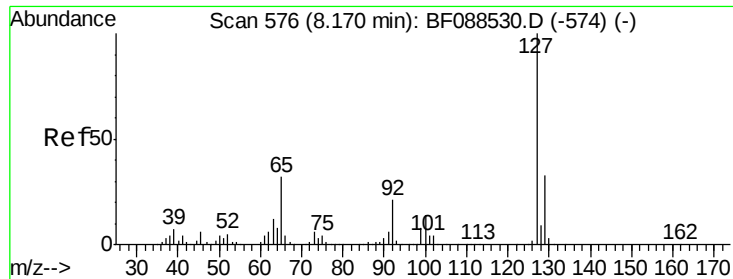


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

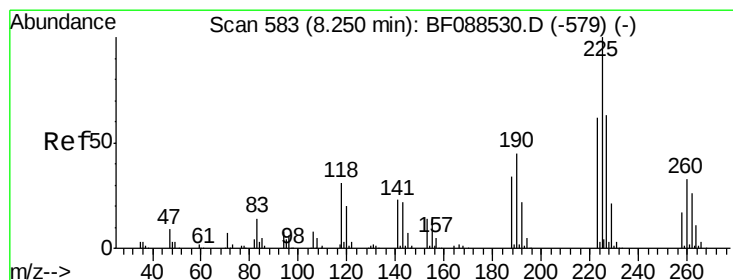
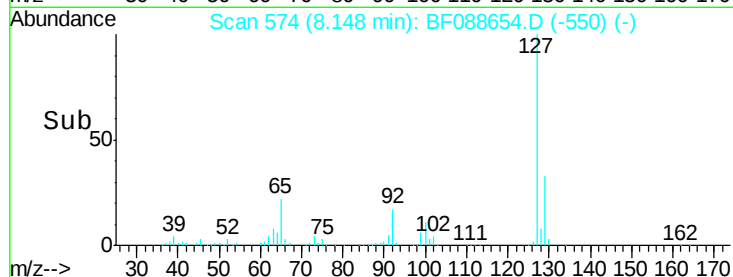
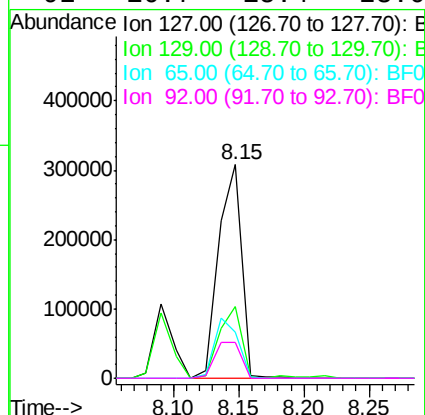
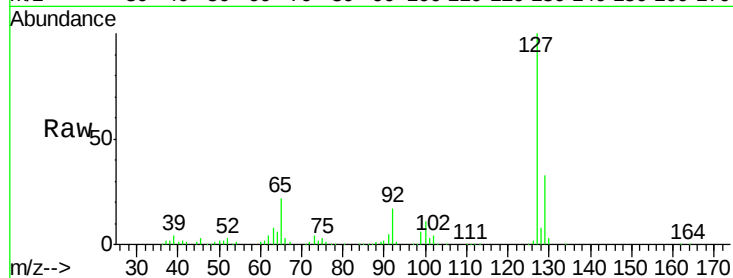




#33
4-Chloroaniline
Concen: 41.57 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

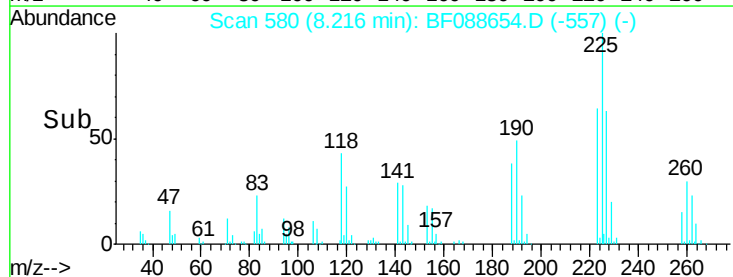
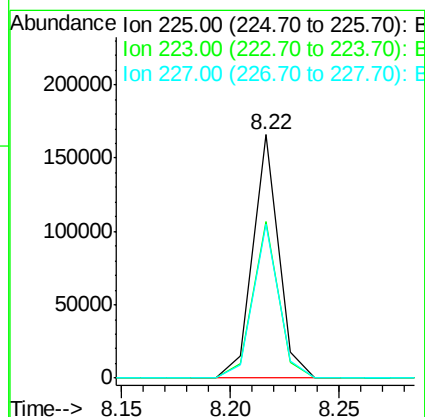
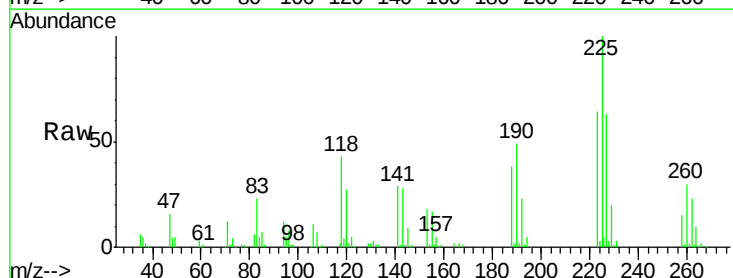
Instrument :
BNA_F
ClientSampled :

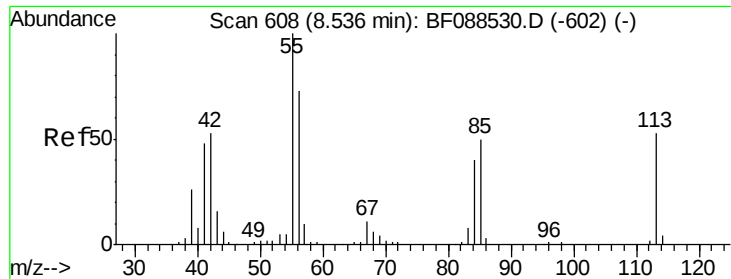
Tot Ion:	127	Resp:	381323
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	21.8	24.7	37.1#
92	16.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.89 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion:	225	Resp:	136721
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.9	76.3
227	63.1	51.9	77.9

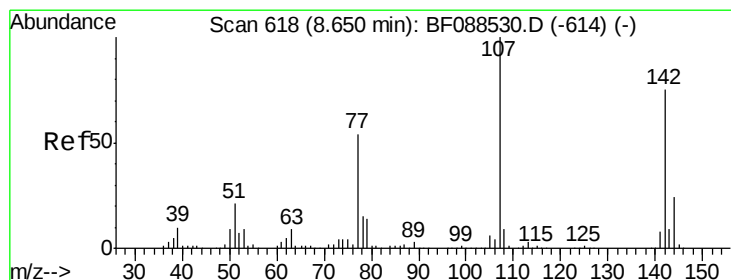
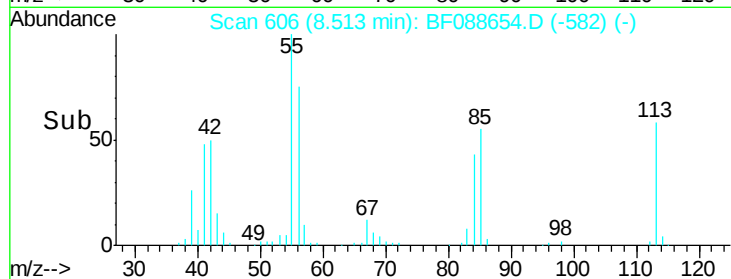
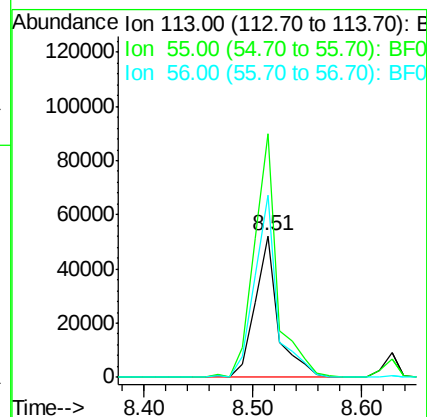
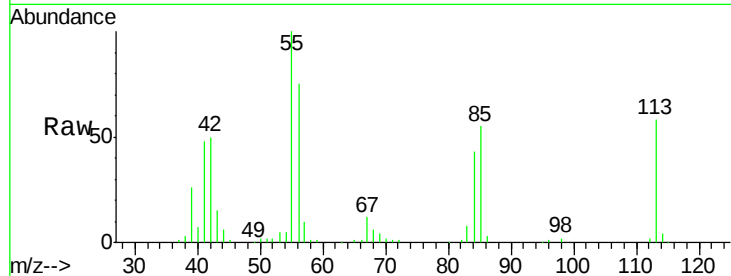




#35
 Caprolactam
 Concen: 40.65 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

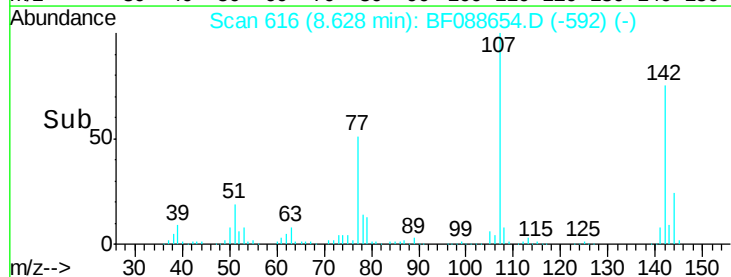
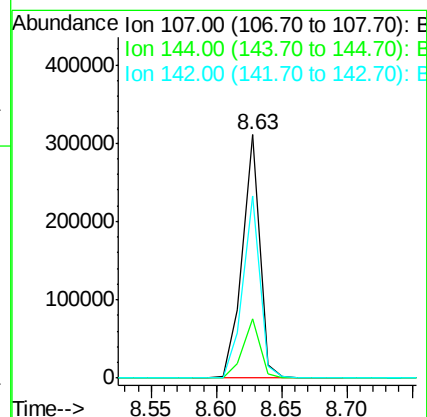
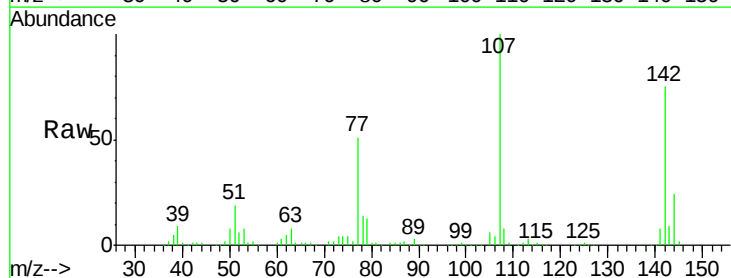
Instrument :
 BNA_F
 ClientSampleId :

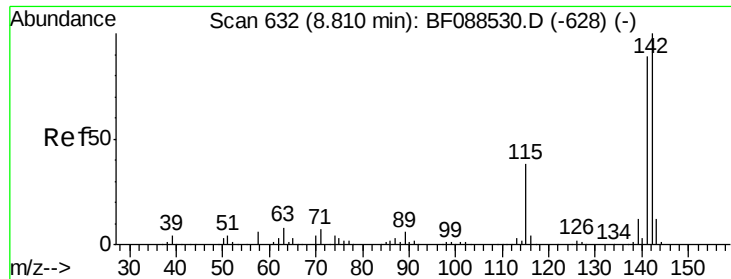
Tot Ion:113 Resp: 76687
 Ion Ratio Lower Upper
 113 100
 55 171.8 158.6 198.6
 56 128.6 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.01 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:107 Resp: 289090
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.8 31.2
 142 75.0 63.4 95.2

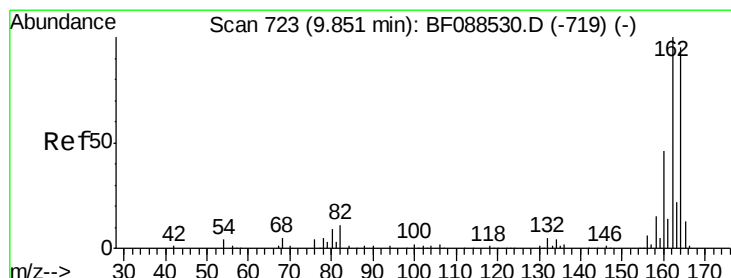
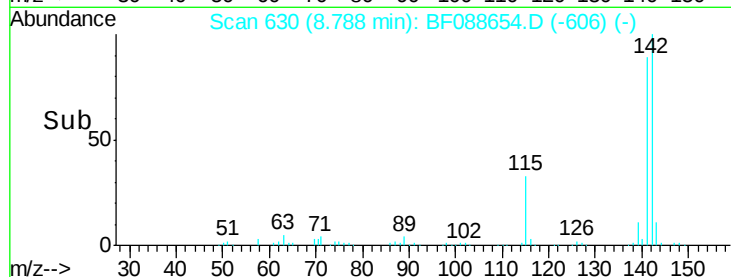
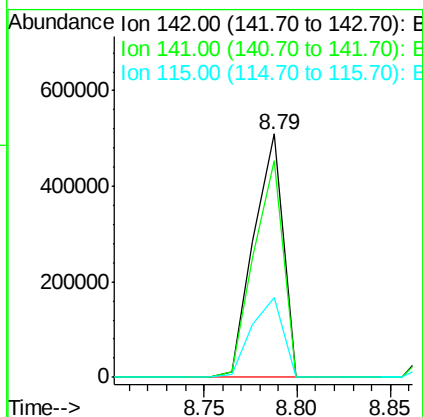
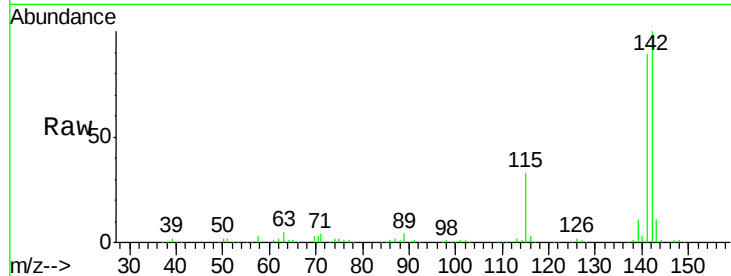




#37
2-Methylnaphthalene
Concen: 41.74 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

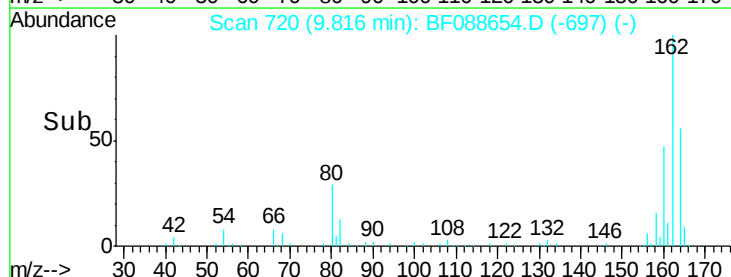
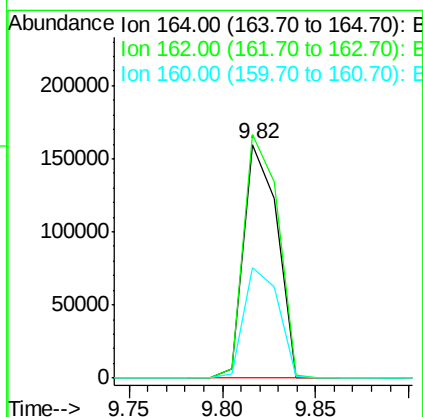
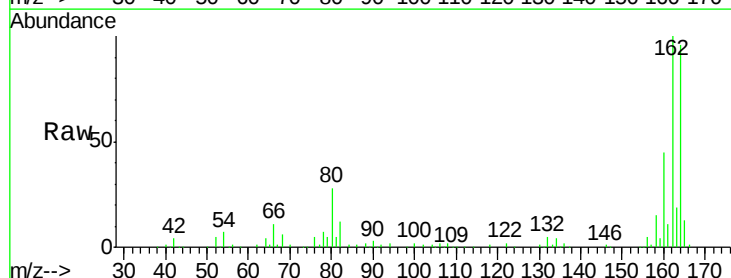
Instrument :
BNA_F
ClientSampleId :

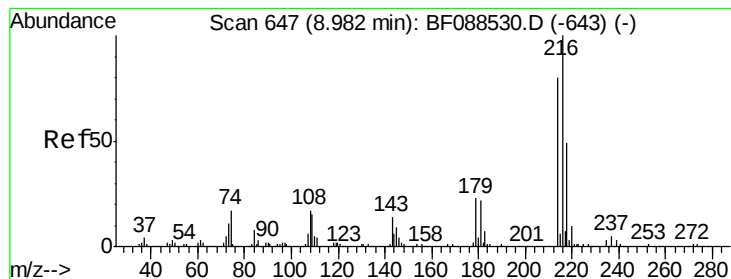
Tot Ion:142 Resp: 554161
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.6
115 32.8 22.6 33.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion:164 Resp: 198890
Ion Ratio Lower Upper
164 100
162 104.1 85.4 128.2
160 47.1 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.55 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 248409

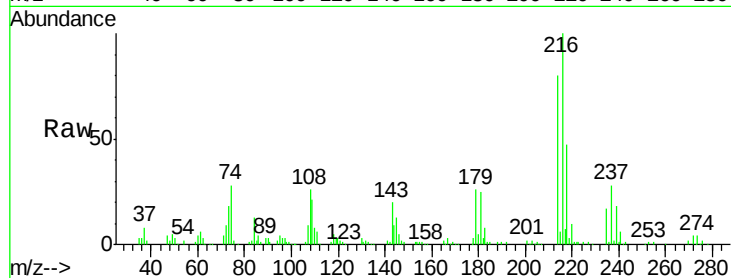
Ion Ratio Lower Upper

216 100

214 78.4 2.9 4.3#

179 23.5 0.0 0.0#

108 23.9 0.5 0.7#

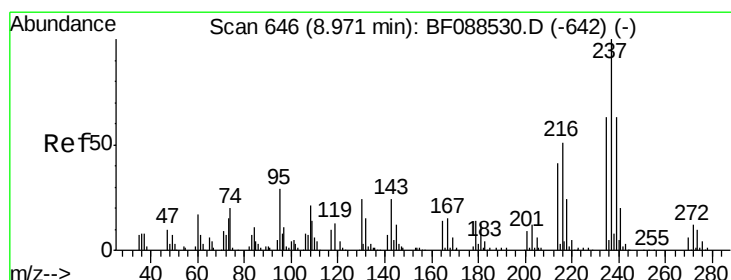
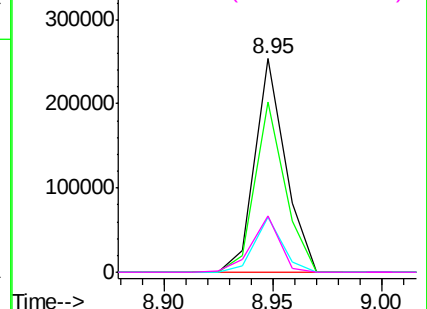
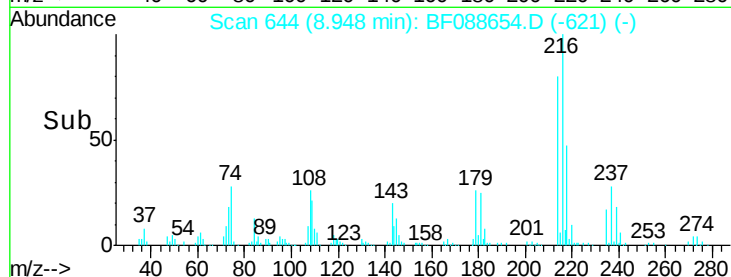


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.19 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

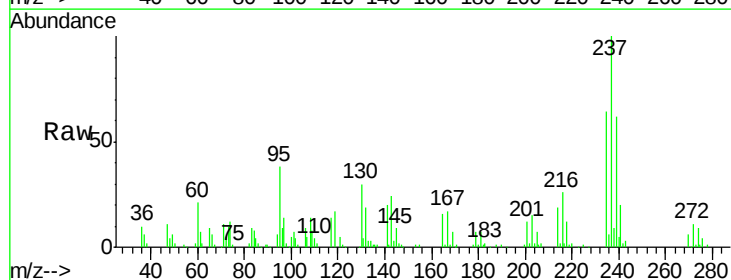
Tgt Ion:237 Resp: 124014

Ion Ratio Lower Upper

237 100

235 64.3 43.4 83.4

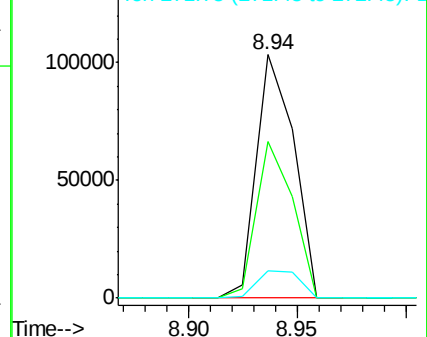
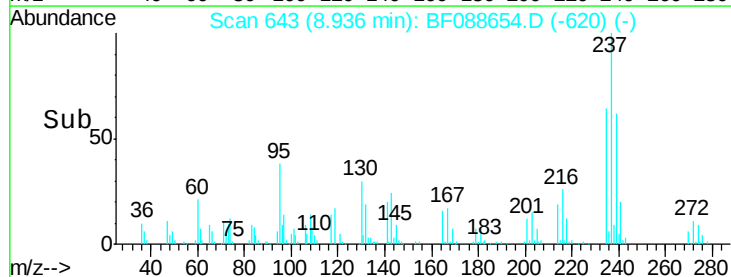
272 11.4 0.0 32.3

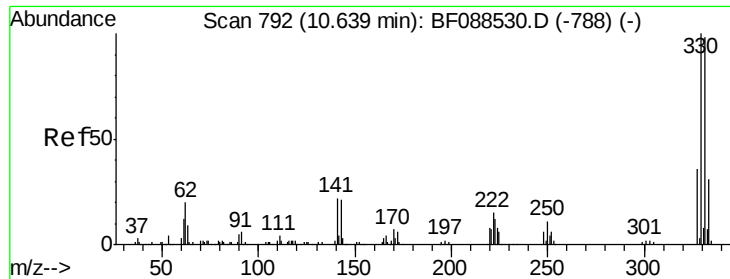


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

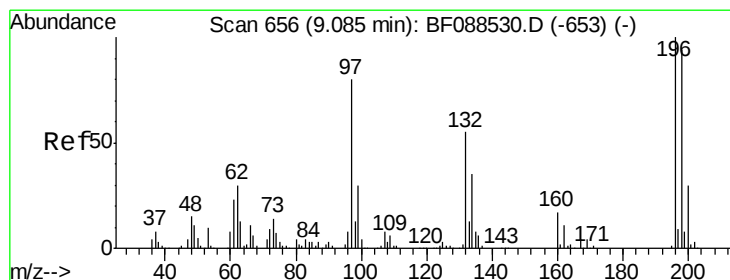
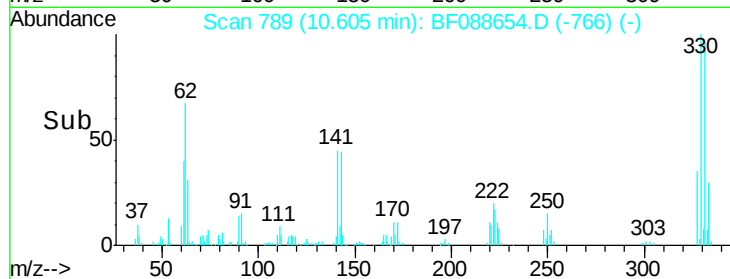
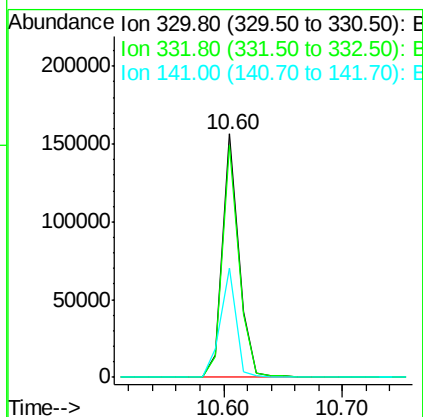
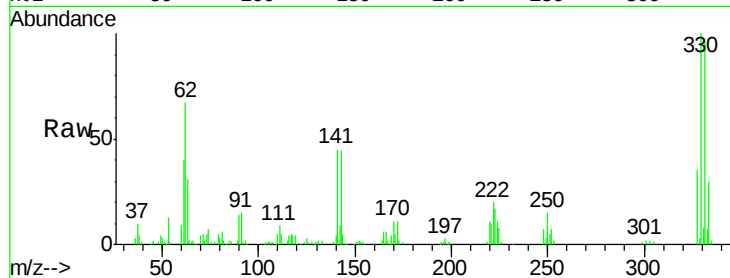




#41
 2,4,6-Tribromophenol
 Concen: 81.13 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

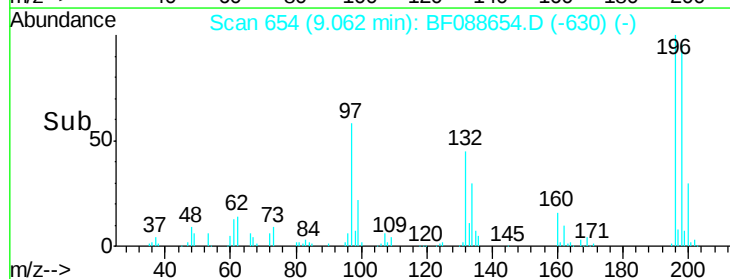
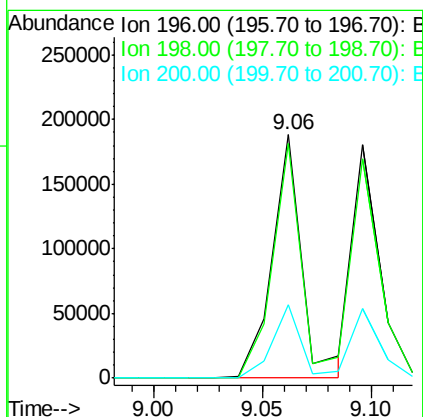
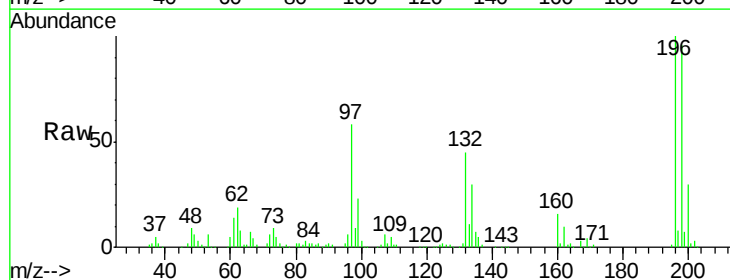
Instrument :
 BNA_F
 ClientSampleId :

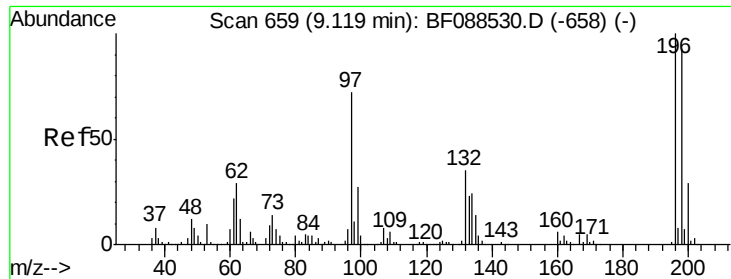
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	43.1	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 41.34 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.0	117.0
200	30.4	25.4	38.2

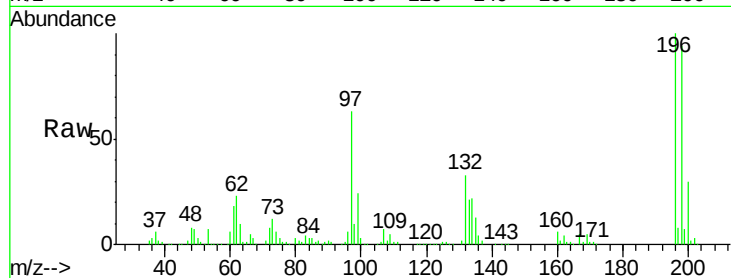




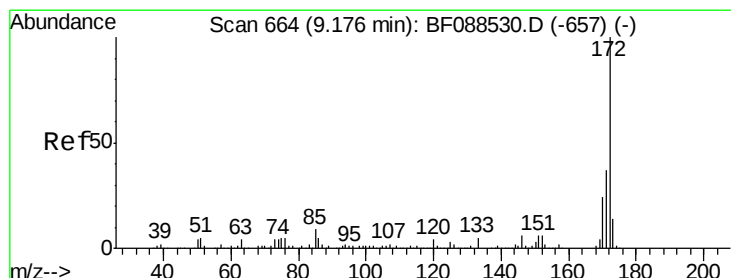
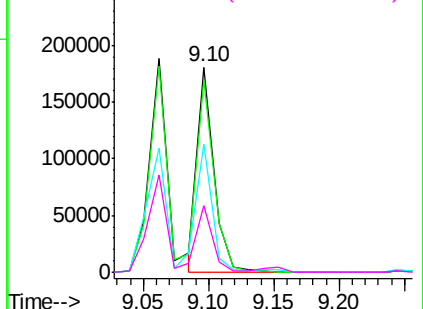
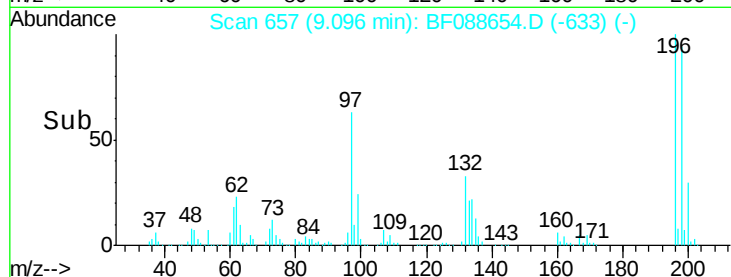
#43
 2,4,5-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:196 Resp: 158992
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.5 116.3
 97 62.8 32.0 48.0#
 132 32.6 20.9 31.3#

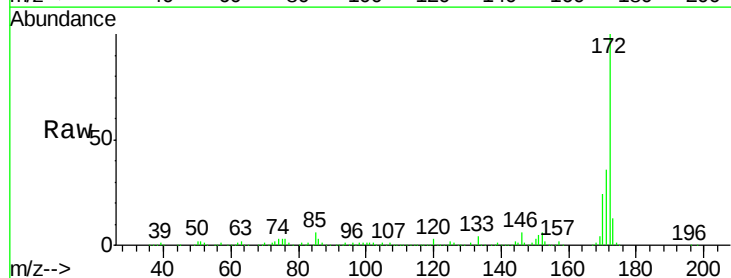


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

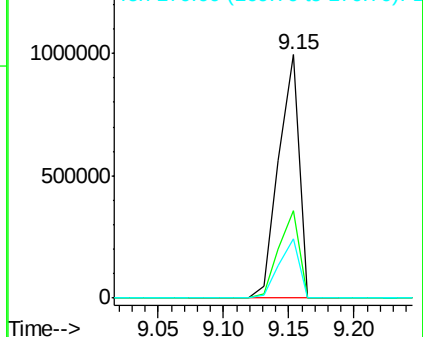
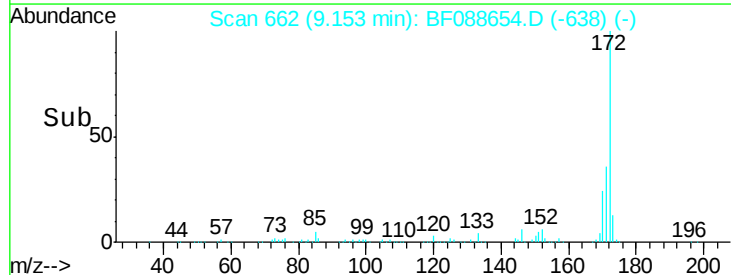


#44
 2-Fluorobiphenyl
 Concen: 87.50 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:172 Resp: 1101684
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.1 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: 37.13 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

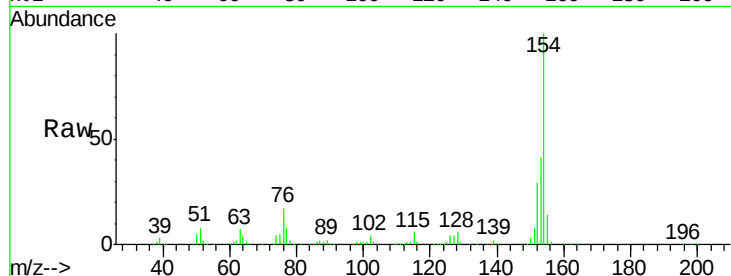
Tot Ion:154 Resp: 611475

Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

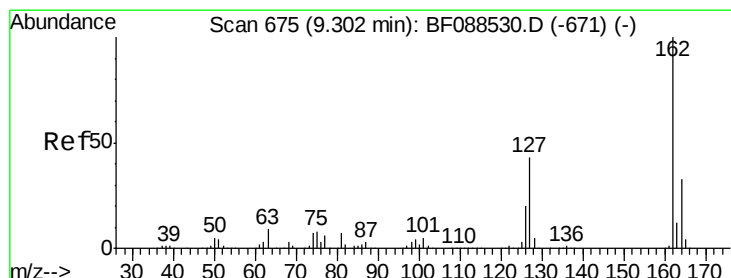
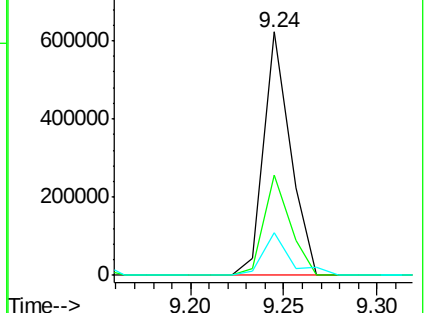
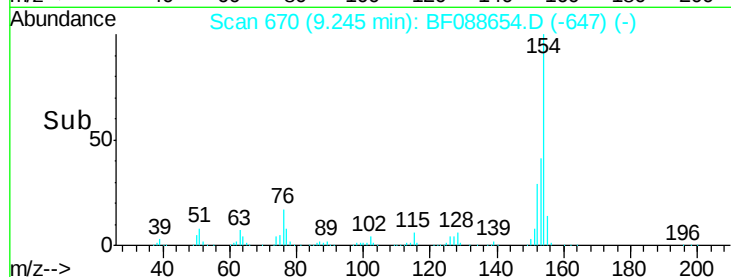
76 17.4 0.0 35.1



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: 37.88 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

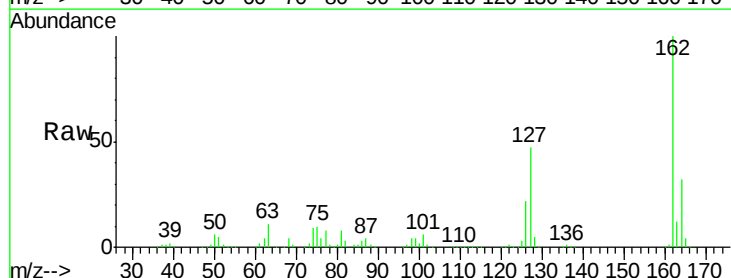
Tgt Ion:162 Resp: 489708

Ion Ratio Lower Upper

162 100

127 46.7 35.2 52.8

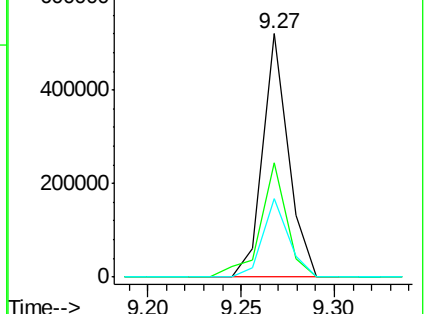
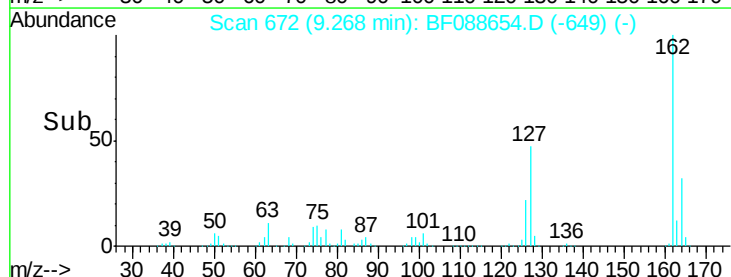
164 32.5 26.6 39.8



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

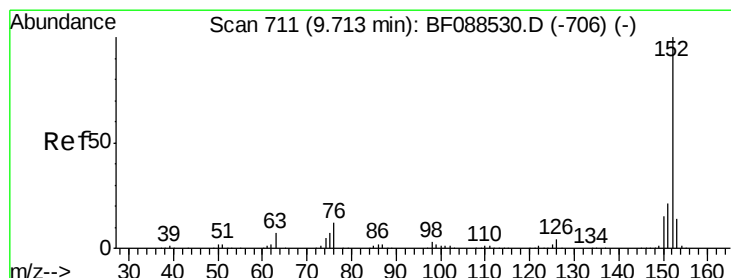
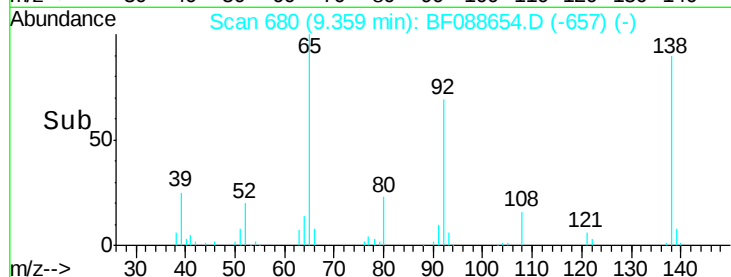
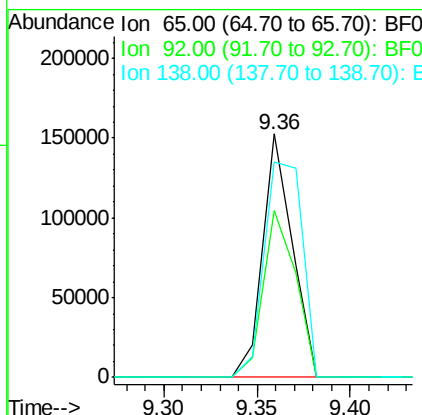
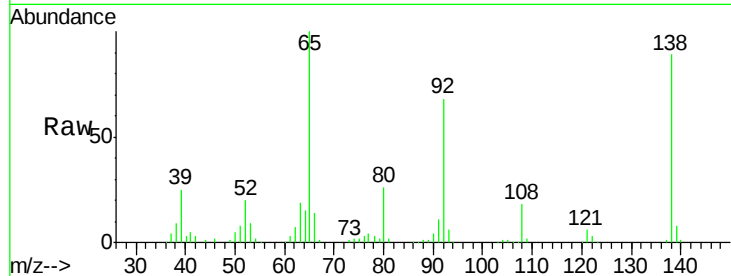




#47
 2-Nitroaniline
 Concen: 36.45 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

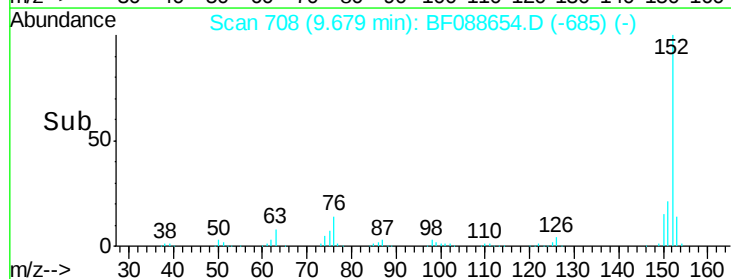
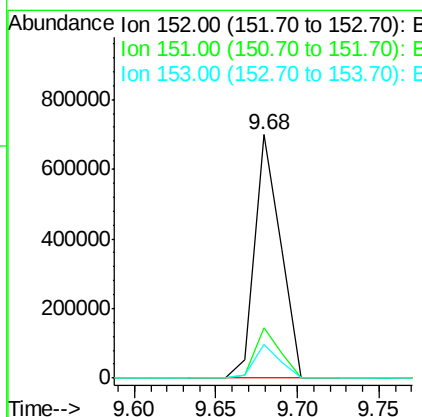
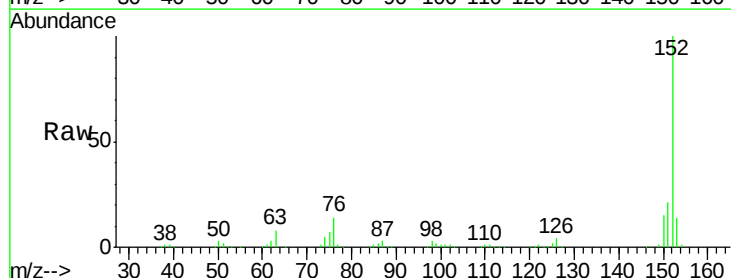
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.6	82.0
138	88.7	77.0	115.4



#48
 Acenaphthylene
 Concen: 37.42 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.6	11.0	16.6





#49

Dimethylphthalate

Concen: 43.51 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

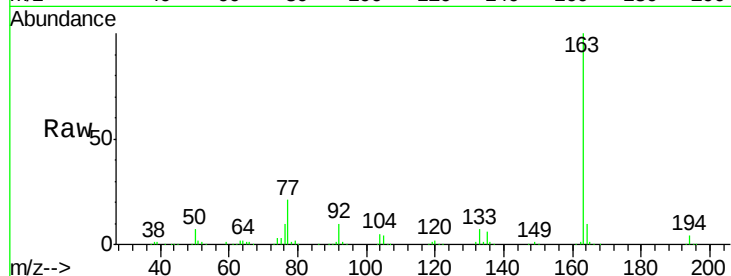
Tot Ion:163 Resp: 616541

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

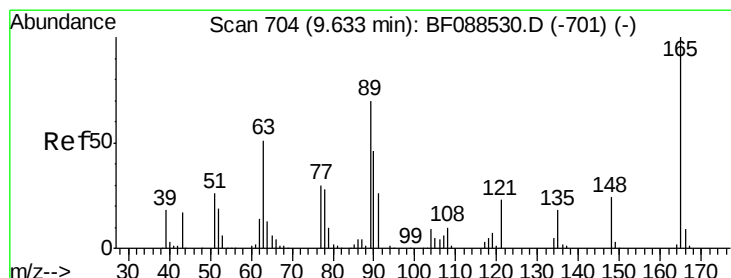
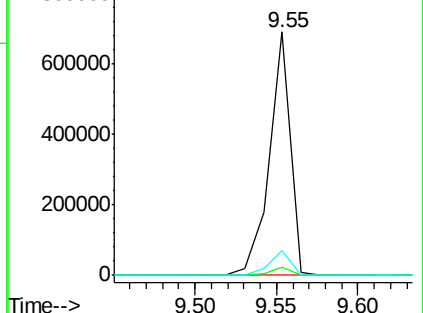
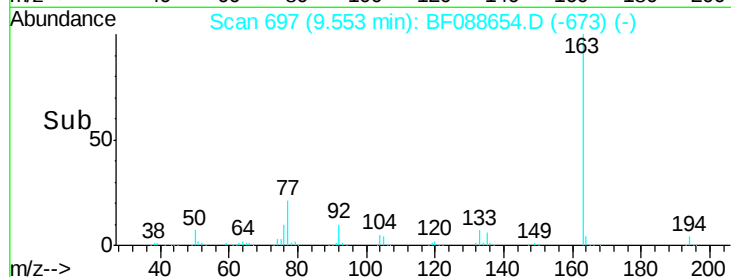
164 10.2 8.3 12.5



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: 46.08 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

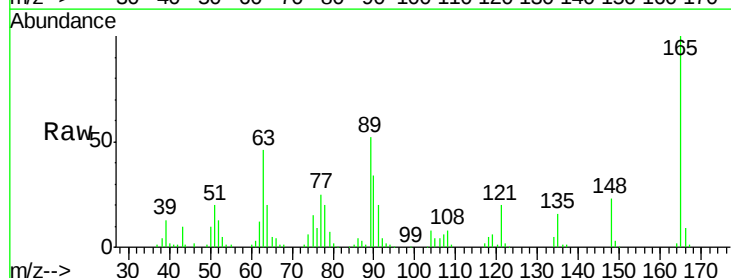
Tgt Ion:165 Resp: 144707

Ion Ratio Lower Upper

165 100

63 45.7 28.1 42.1#

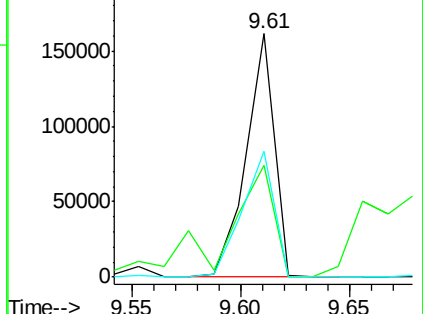
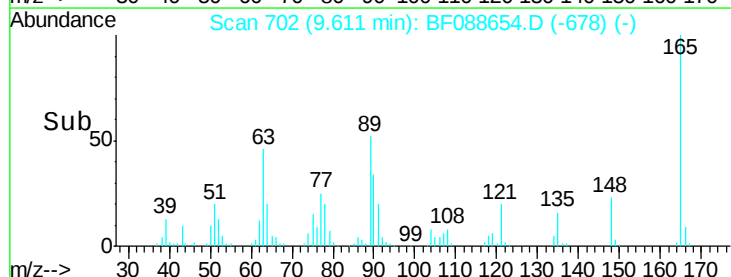
89 51.8 32.2 48.2#

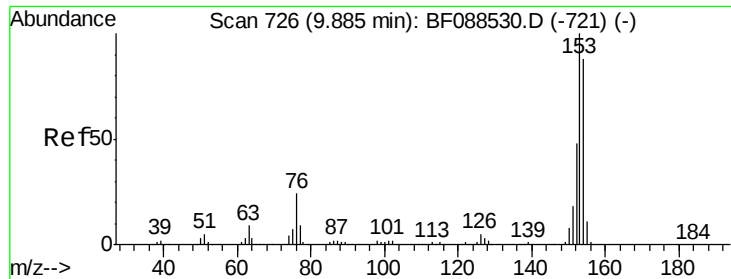


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.03 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

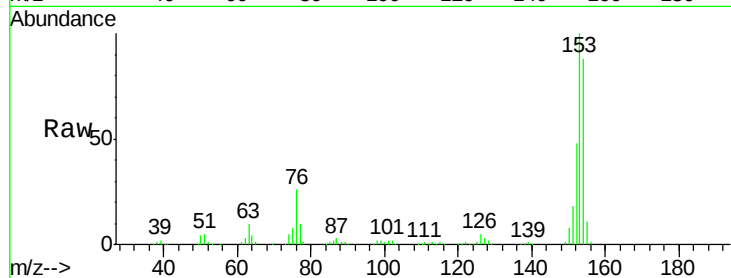
Tot Ion:154 Resp: 492190

Ion Ratio Lower Upper

154 100

153 113.7 89.5 134.3

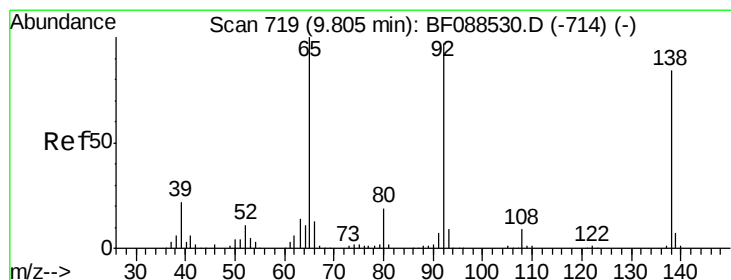
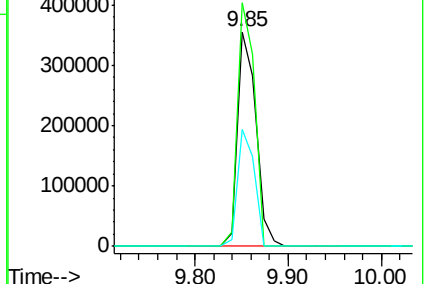
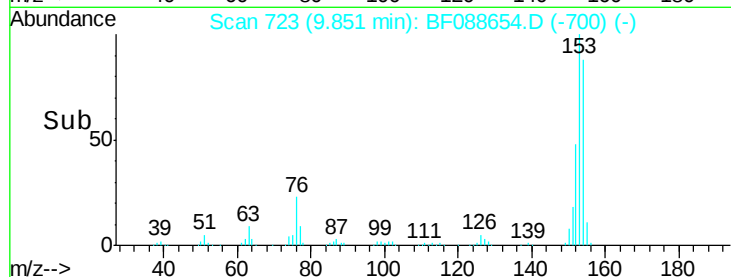
152 54.3 42.7 64.1



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: 35.98 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

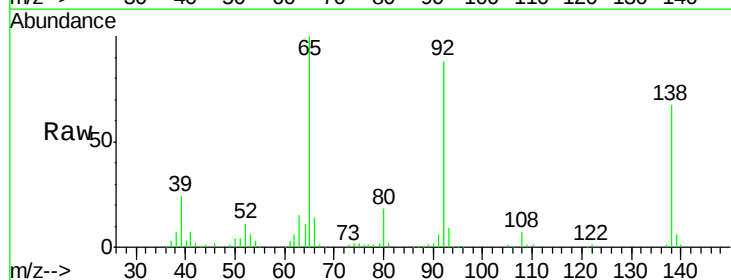
Tgt Ion:138 Resp: 143620

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

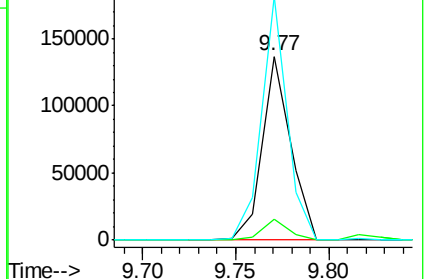
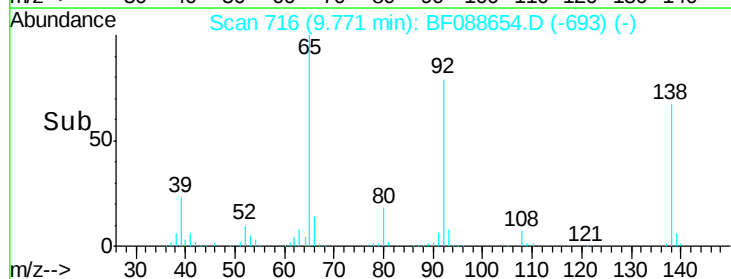
92 132.4 95.7 143.5

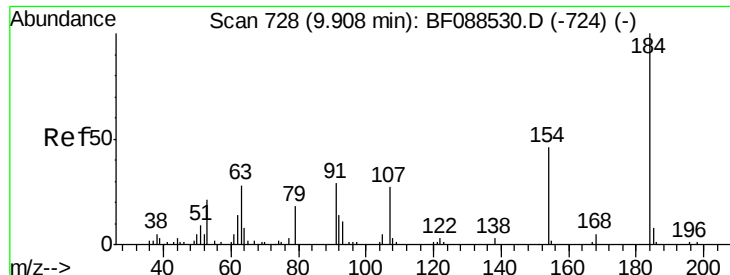


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

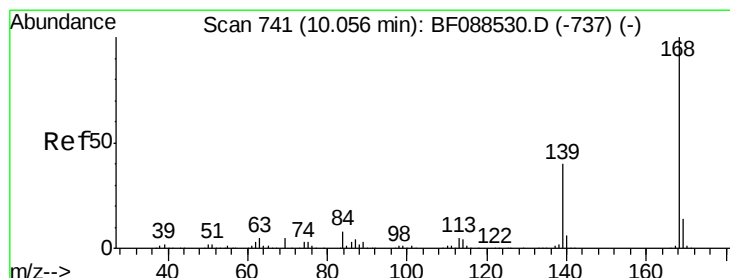
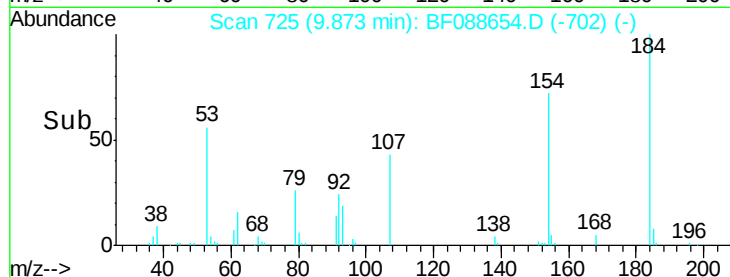
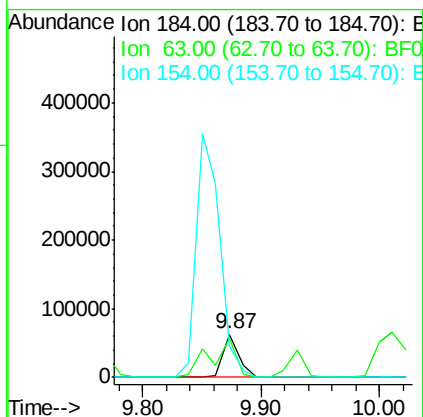
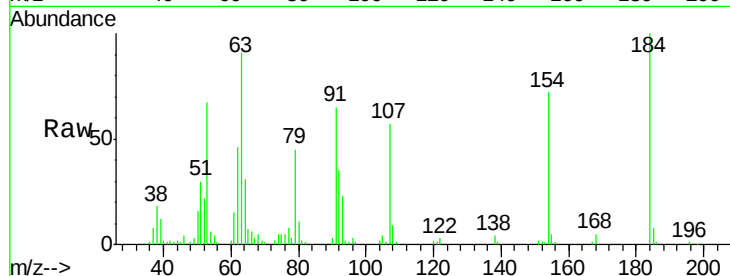




#53
 2,4-Dinitrophenol
 Concen: 41.99 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

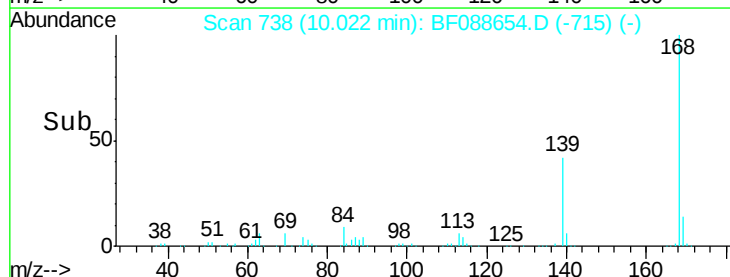
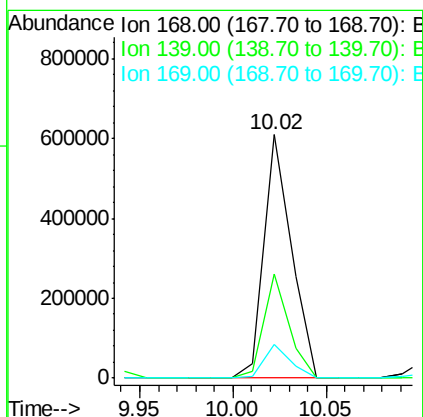
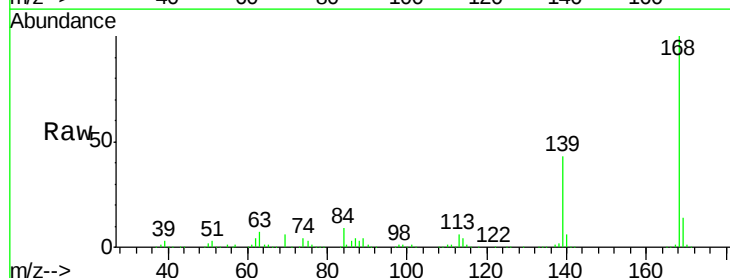
Instrument :
 BNA_F
 ClientSampled :

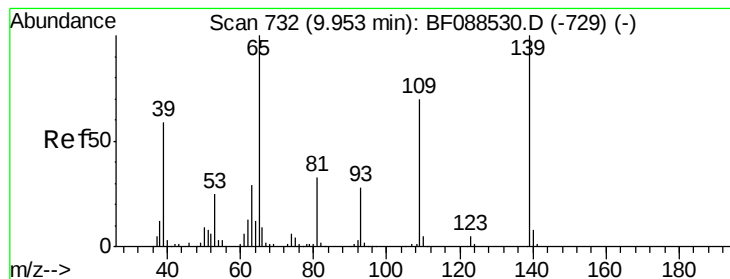
Tot Ion:184 Resp: 58222
 Ion Ratio Lower Upper
 184 100
 63 90.9 57.6 86.4#
 154 71.8 53.5 80.3



#54
 Dibenzofuran
 Concen: 37.38 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:168 Resp: 616905
 Ion Ratio Lower Upper
 168 100
 139 42.5 26.4 39.6#
 169 14.1 10.4 15.6





#55

4-Nitrophenol

Concen: 37.50 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

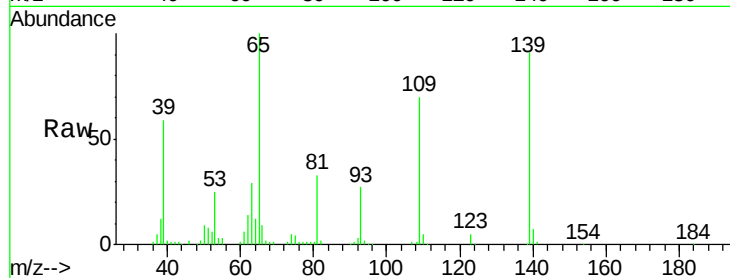
Tot Ion:139 Resp: 113776

Ion Ratio Lower Upper

139 100

109 76.6 48.9 88.9

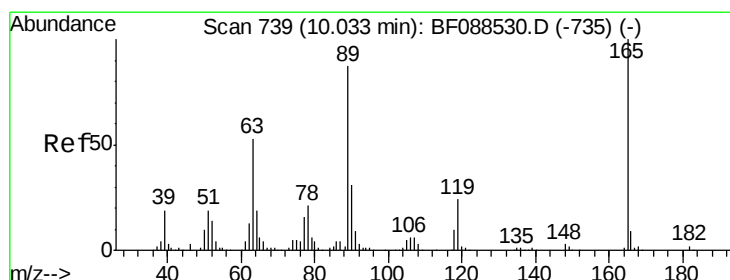
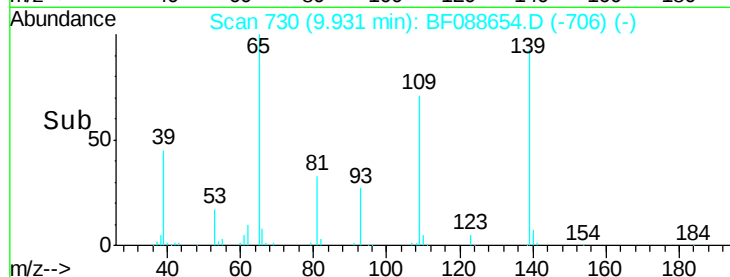
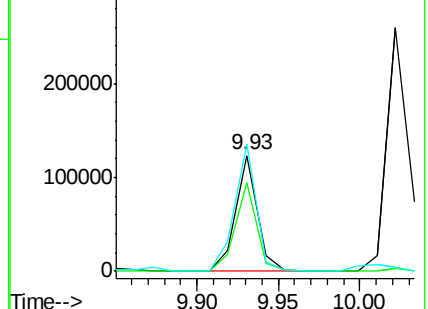
65 109.8 84.9 124.9



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: 46.27 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Tgt Ion:165 Resp: 189998

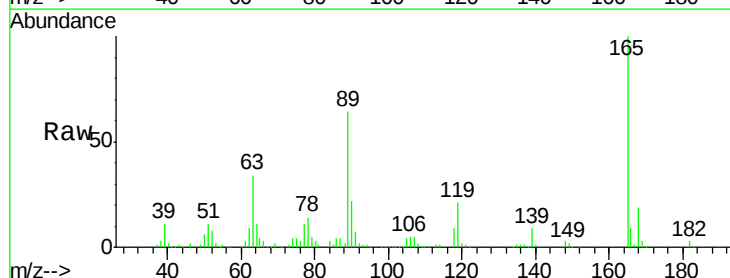
Ion Ratio Lower Upper

165 100

63 34.4 22.0 33.0#

89 63.6 41.1 61.7#

182 2.6 2.0 3.0

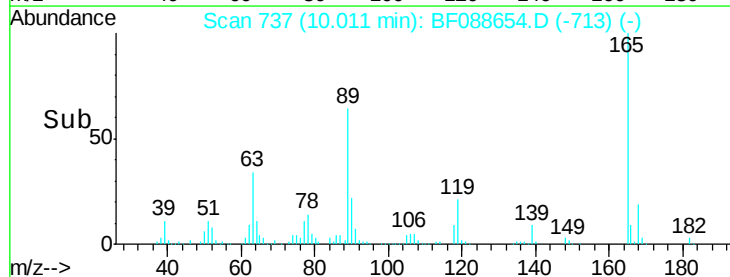
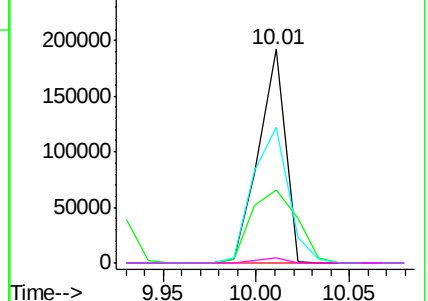


Abundance Ion 165.00 (164.70 to 165.70): E

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

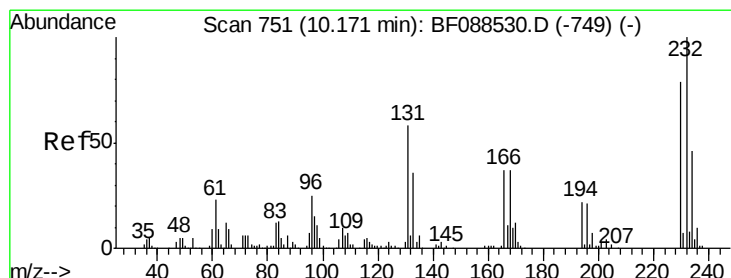
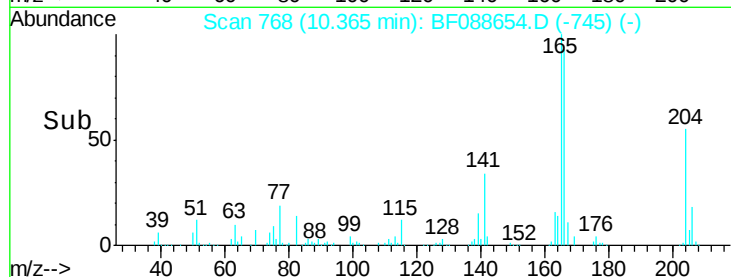
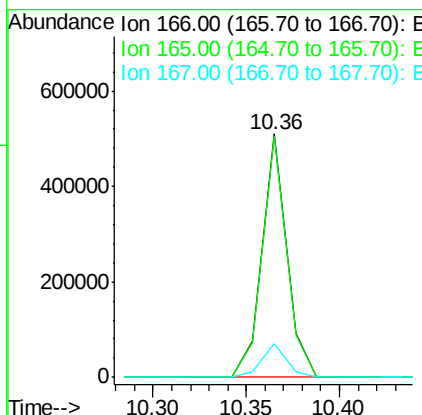
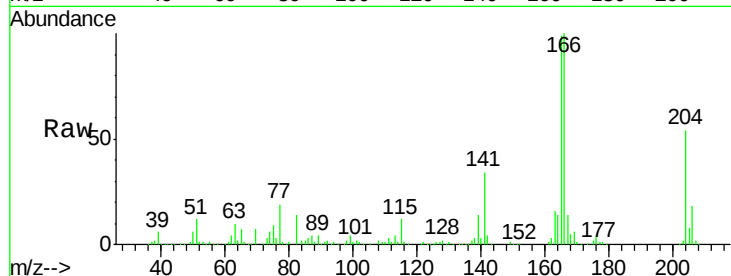




#57
 Fluorene
 Concen: 36.67 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

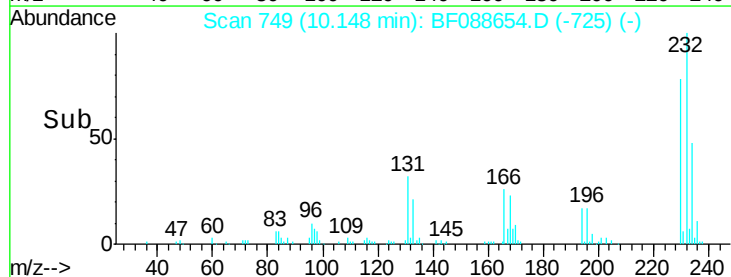
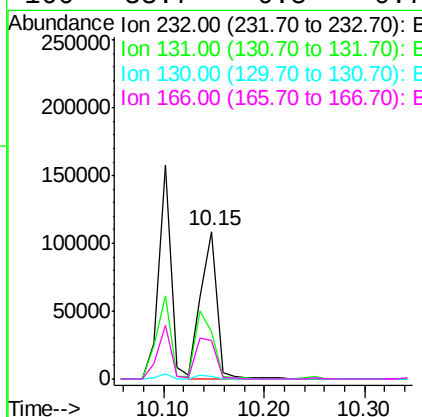
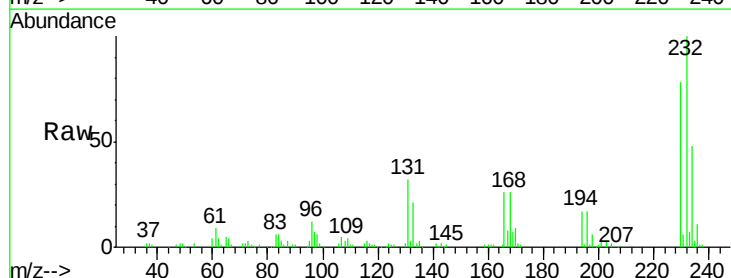
Instrument :
 BNA_F
 ClientSampleId :

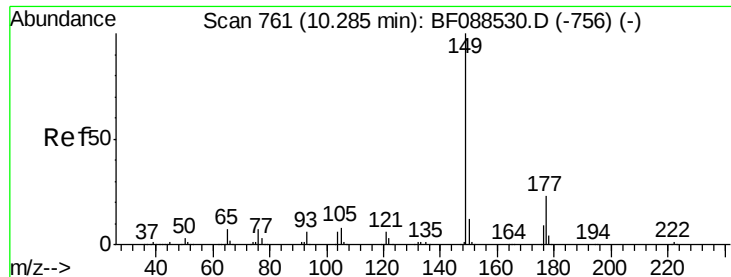
Tot Ion:166 Resp: 466383
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.8 116.8
 167 13.7 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.81 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:232 Resp: 124300
 Ion Ratio Lower Upper
 232 100
 131 49.8 0.9 1.3#
 130 2.4 1.5 2.3#
 166 33.7 0.5 0.7#

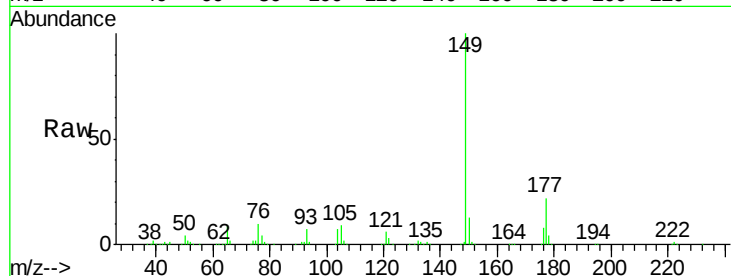




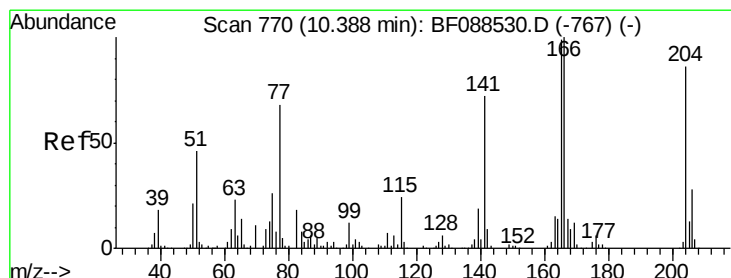
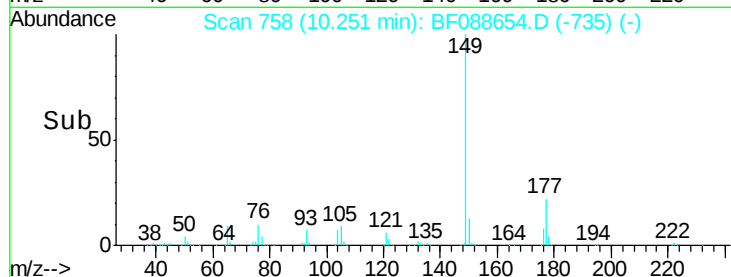
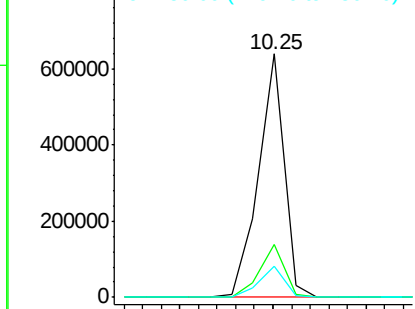
#59
Diethylphthalate
Concen: 42.75 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 607974
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.5 10.1 15.1

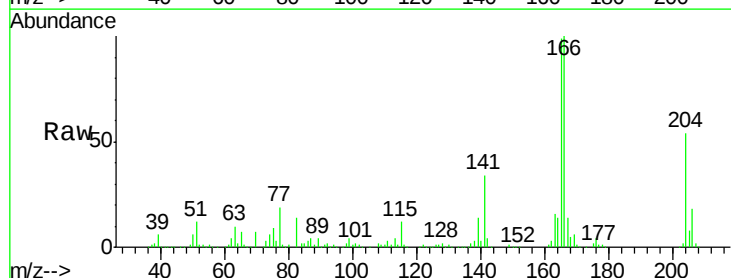


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

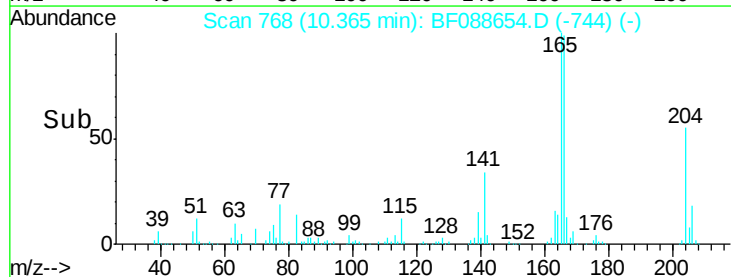
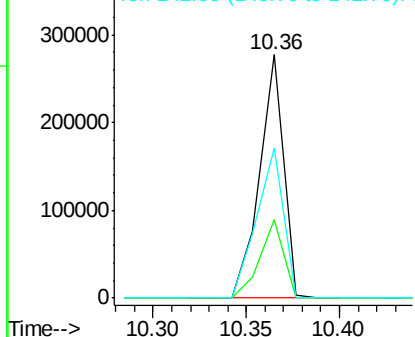


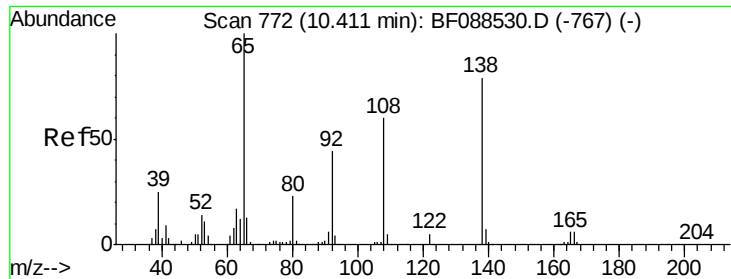
#60
4-Chlorophenyl-phenylether
Concen: 41.43 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion:204 Resp: 244868
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 61.7 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

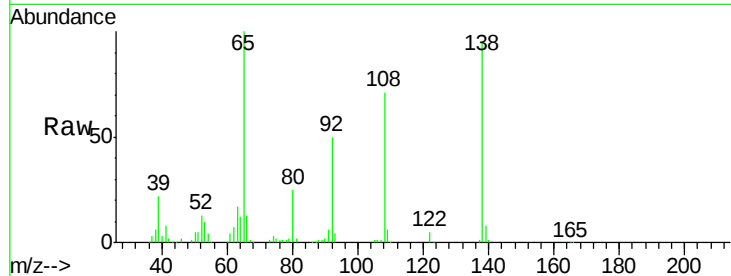




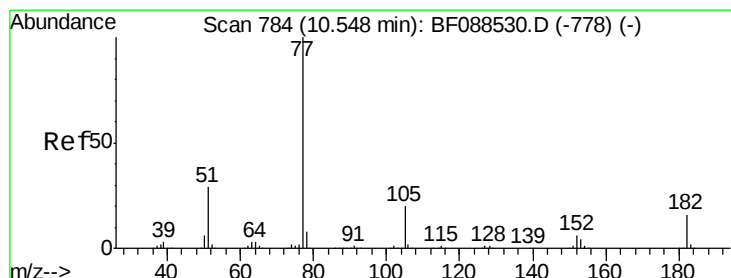
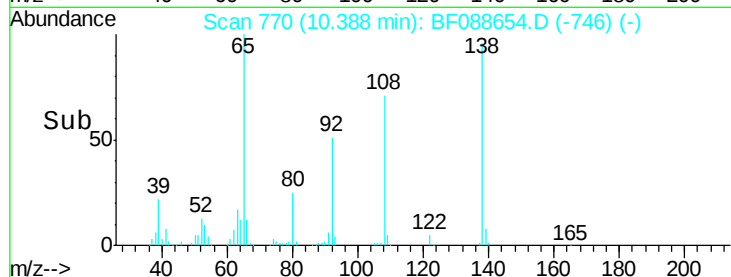
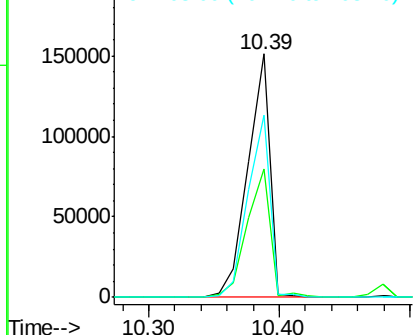
#61
4-Nitroaniline
Concen: 46.51 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 178665
Ion Ratio Lower Upper
138 100
92 53.0 27.3 67.3
108 74.7 46.7 86.7

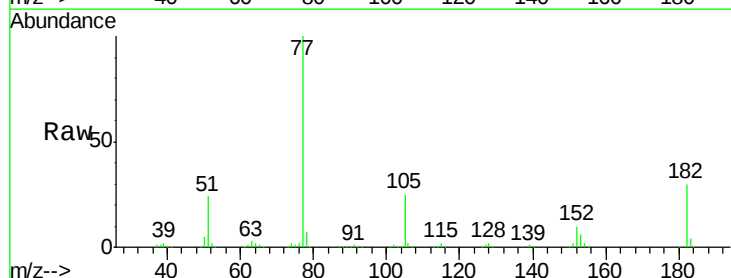


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

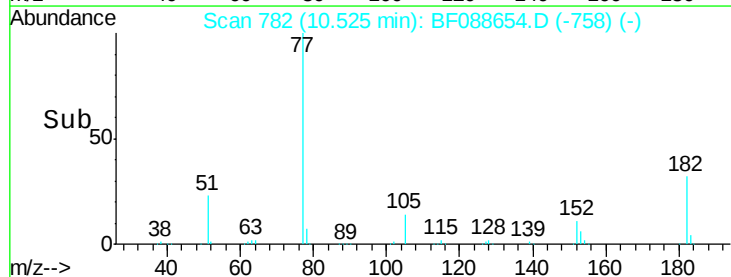
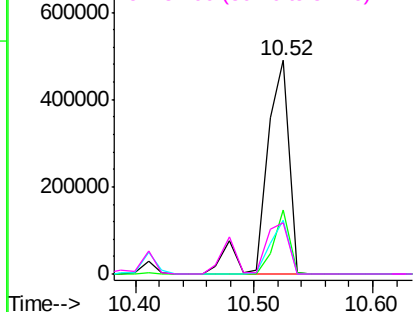


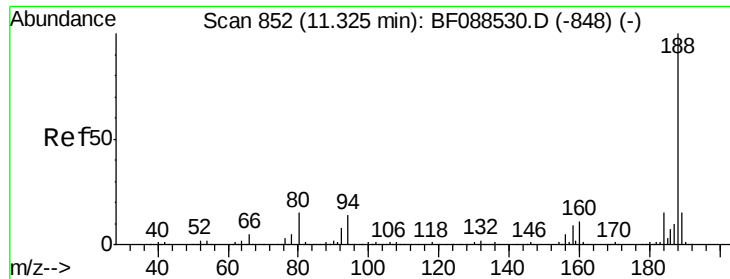
#62
Azobenzene
Concen: 40.36 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion: 77 Resp: 654616
Ion Ratio Lower Upper
77 100
182 30.0 4.4 44.4
105 24.9 3.8 43.8
51 24.2 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

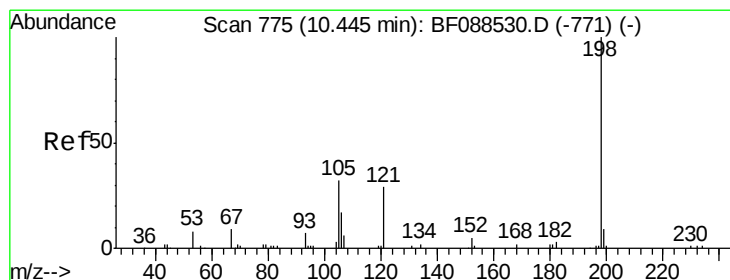
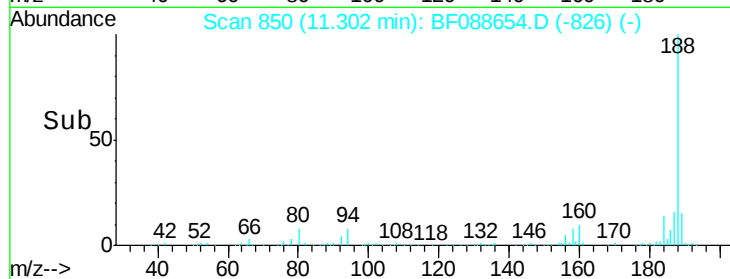
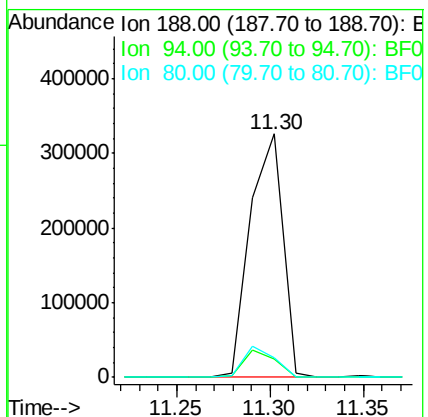
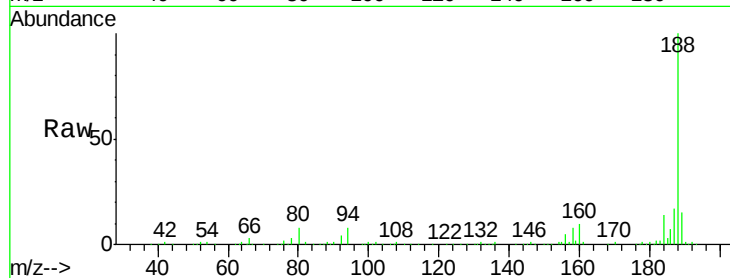




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

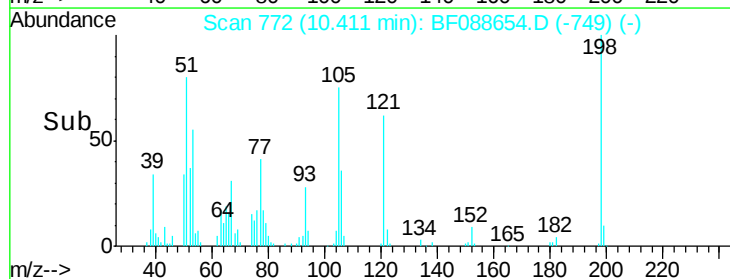
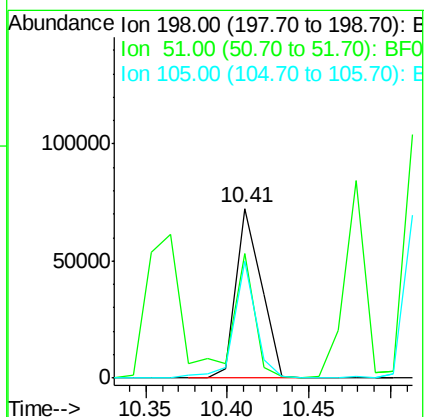
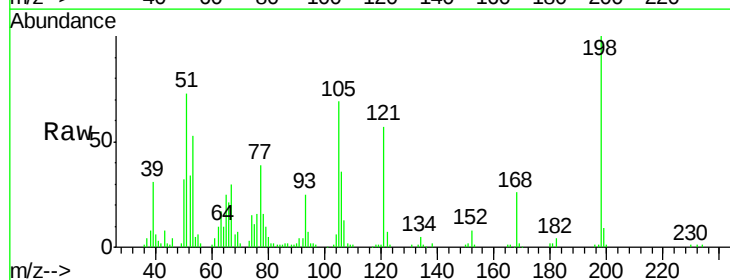
Instrument :
 BNA_F
 ClientSampleId :

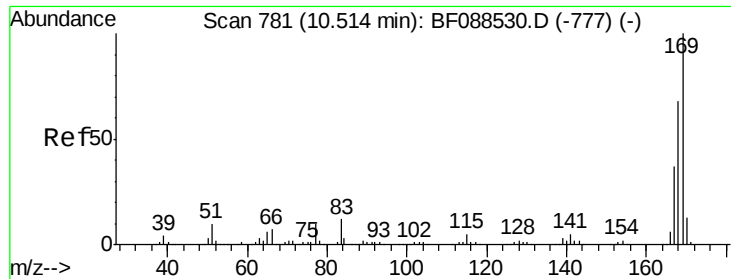
Tot Ion:188 Resp: 396358
 Ion Ratio Lower Upper
 188 100
 94 7.8 9.0 13.6#
 80 8.1 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.72 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:198 Resp: 77851
 Ion Ratio Lower Upper
 198 100
 51 73.1 39.6 79.6
 105 68.5 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 34.64 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

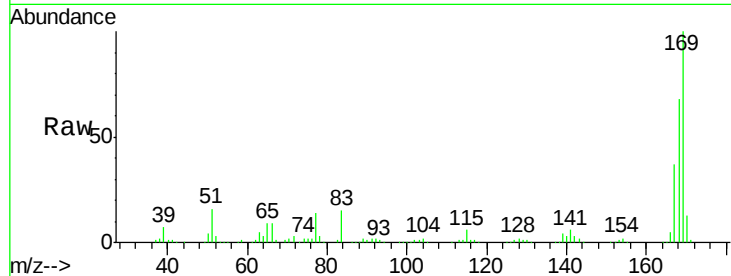
Tot Ion:169 Resp: 464628

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.0

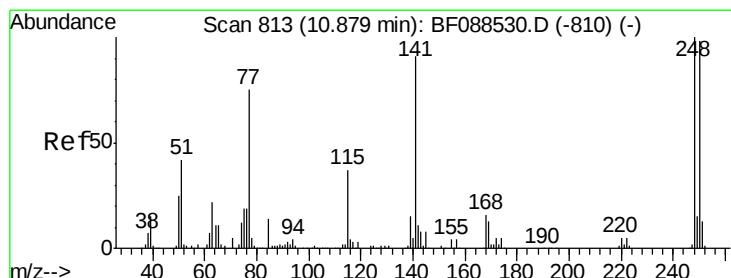
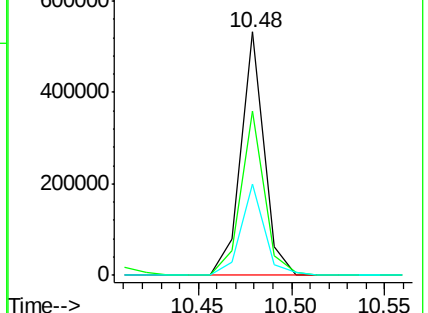
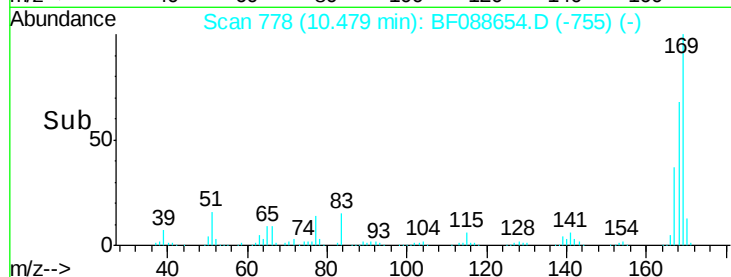
167 37.3 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.10 ng

RT: 10.84 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

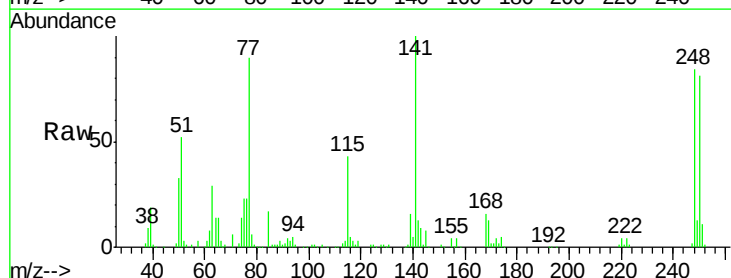
Tgt Ion:248 Resp: 144201

Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

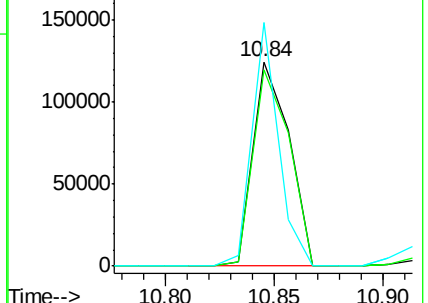
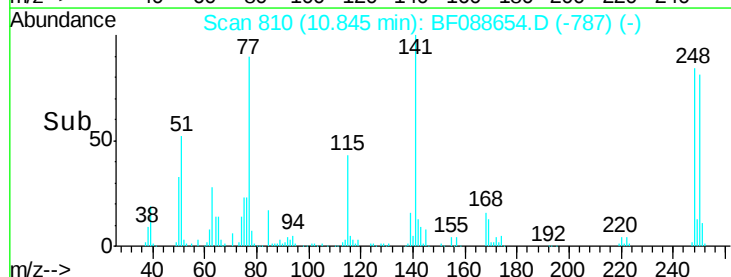
141 119.4 50.6 76.0#

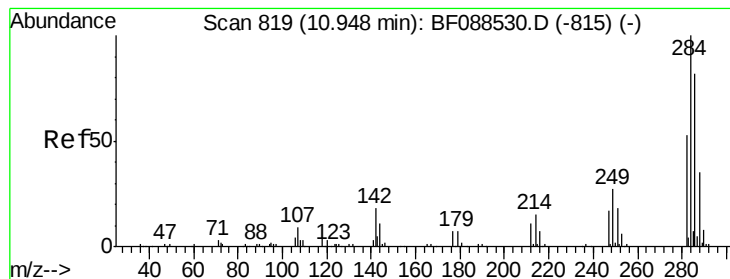


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.77 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

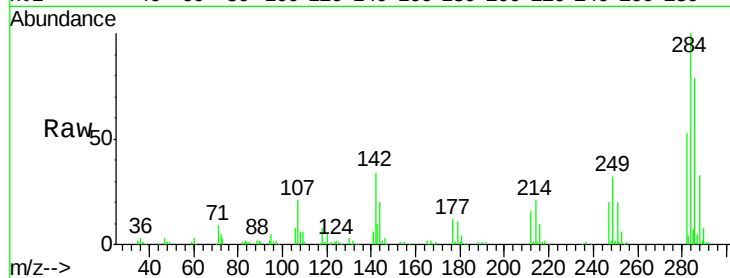
Tot Ion:284 Resp: 171412

Ion Ratio Lower Upper

284 100

142 34.4 35.8 53.8#

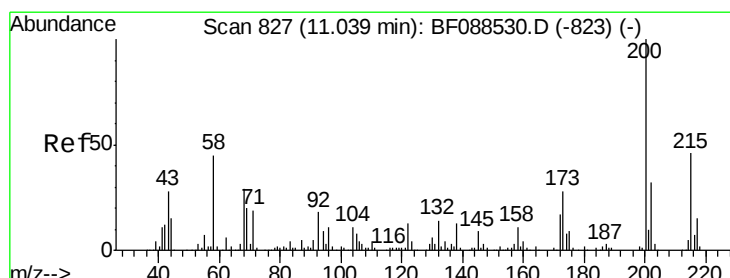
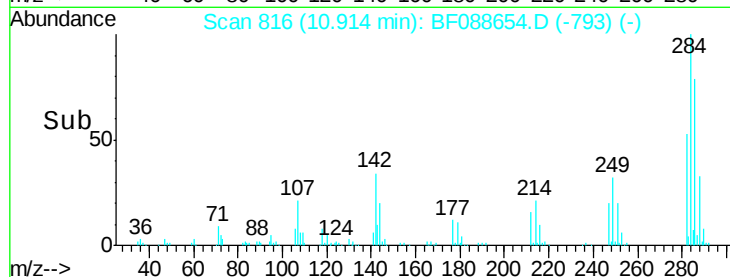
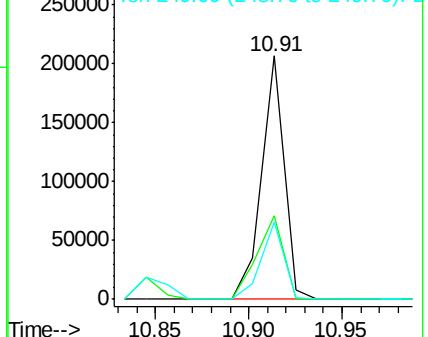
249 31.8 25.8 38.6



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: 35.08 ng

RT: 11.00 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

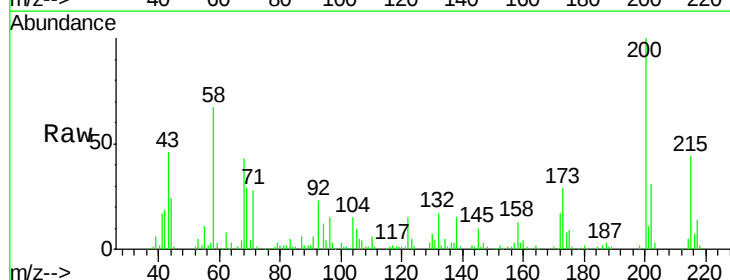
Tgt Ion:200 Resp: 146630

Ion Ratio Lower Upper

200 100

173 29.3 4.0 44.0

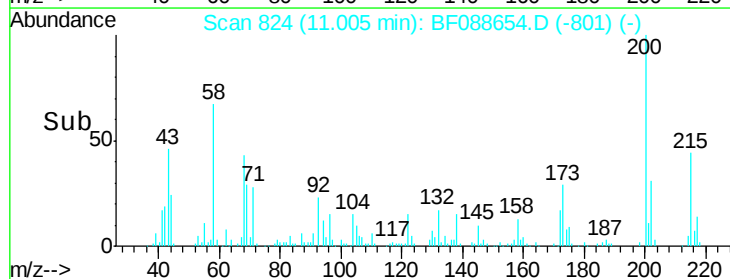
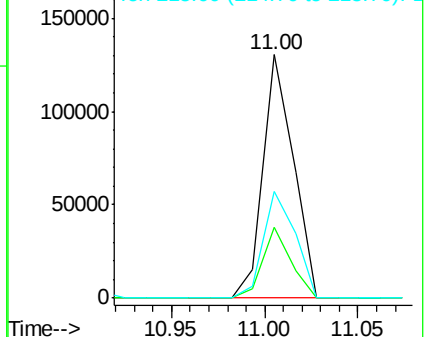
215 43.6 29.3 69.3



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: 41.52 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampled :

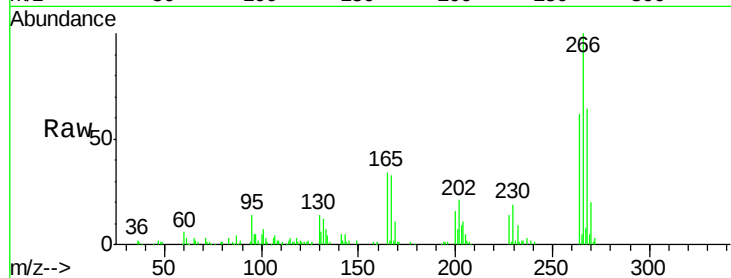
Tot Ion:266 Resp: 108643

Ion Ratio Lower Upper

266 100

268 63.9 52.8 79.2

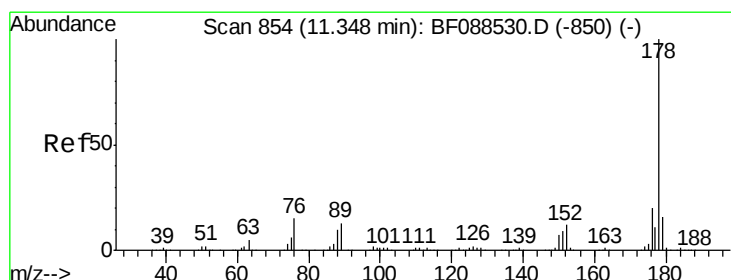
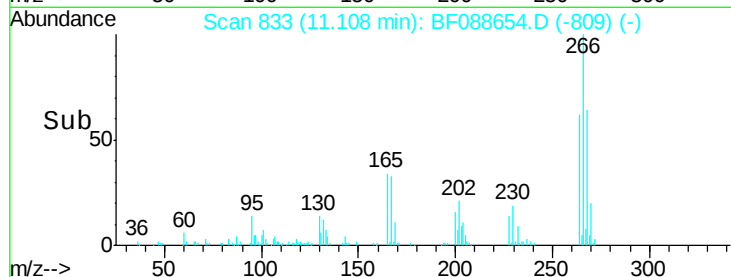
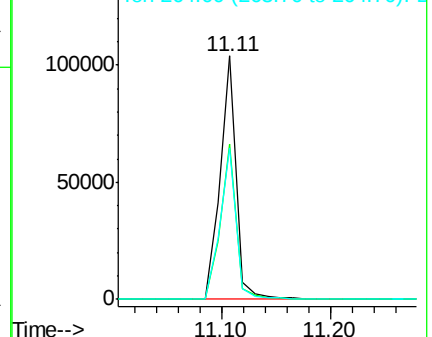
264 62.4 49.6 74.4



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: 39.10 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

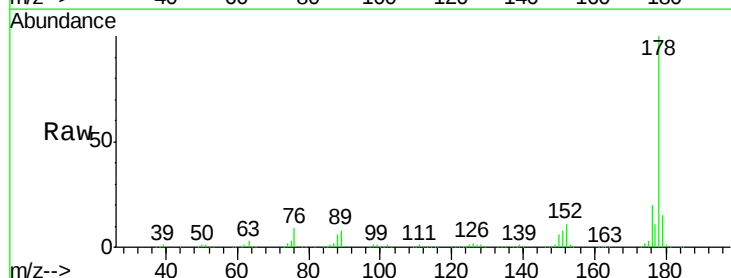
Tgt Ion:178 Resp: 847146

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

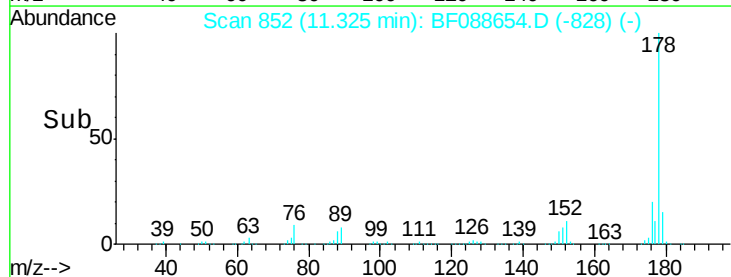
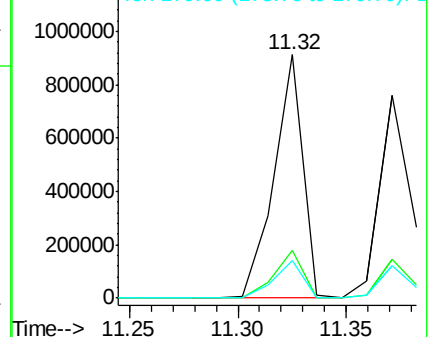
179 15.5 13.0 19.4



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

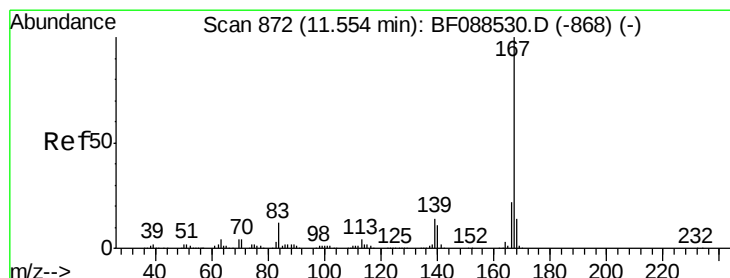
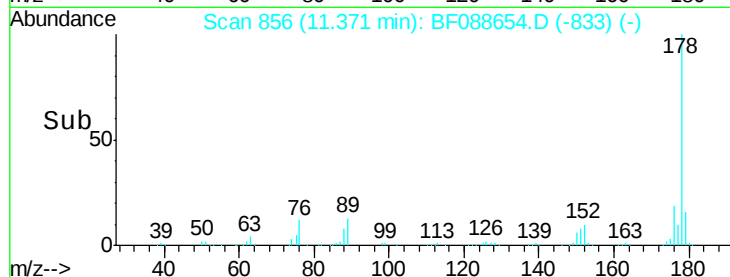
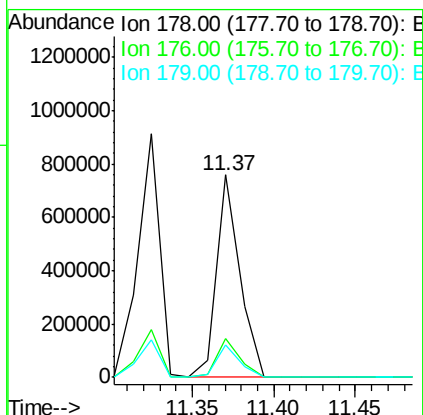
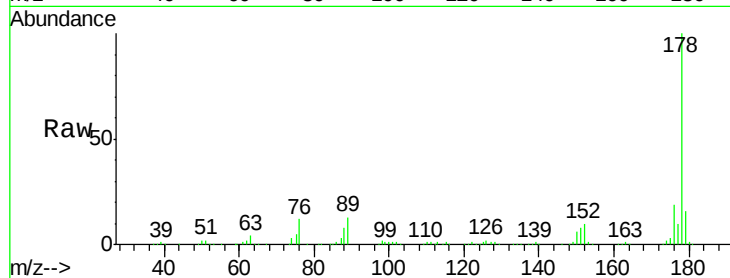




#71
 Anthracene
 Concen: 34.78 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

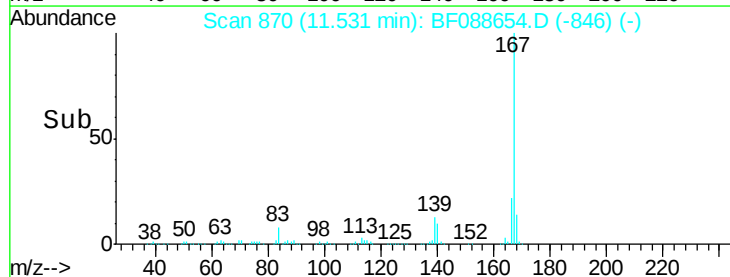
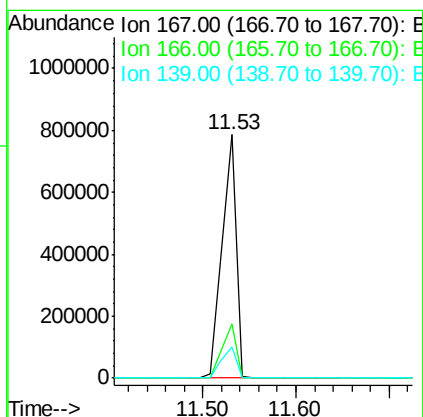
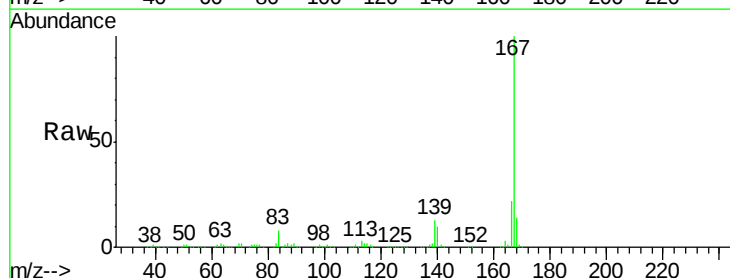
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 749327
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 16.2 12.8 19.2



#72
 Carbazole
 Concen: 40.04 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:167 Resp: 811832
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 12.8 11.2 16.8





#73

Di-n-butylphthalate

Concen: 37.30 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

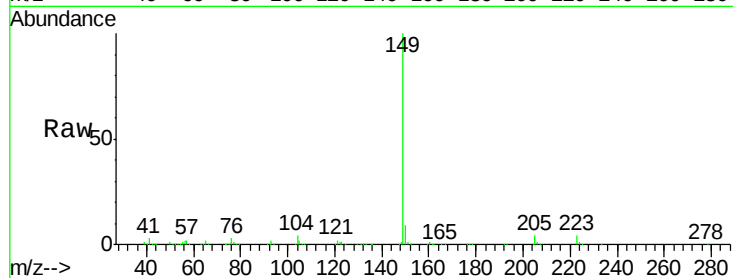
Tot Ion:149 Resp: 879748

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

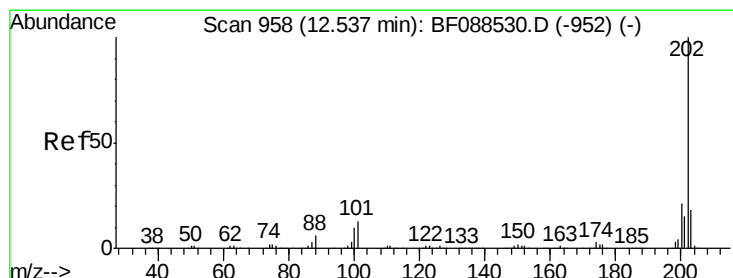
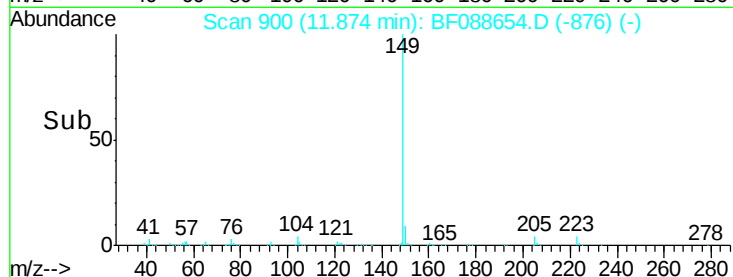
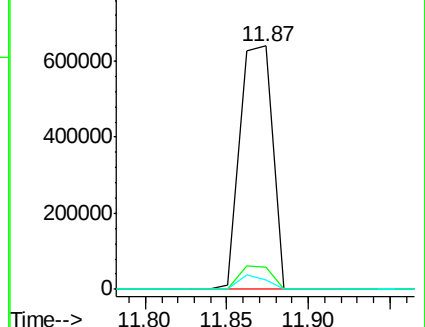
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.64 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

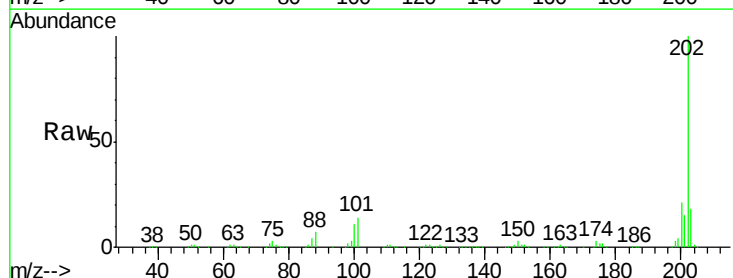
Tgt Ion:202 Resp: 782771

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.1

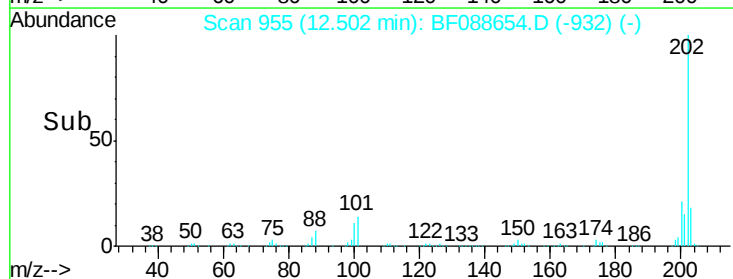
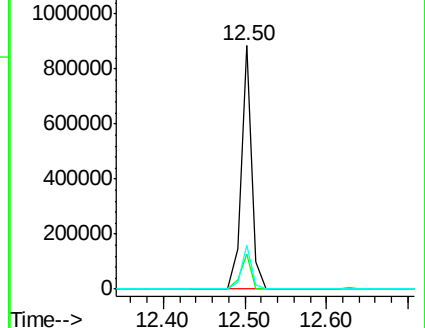
203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampled :

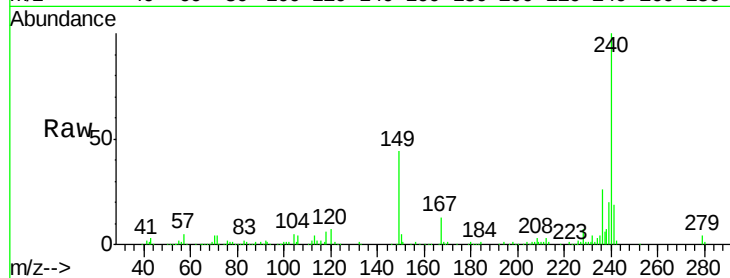
Tot Ion:240 Resp: 259157

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

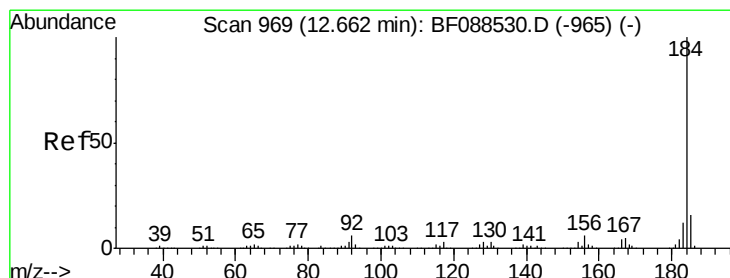
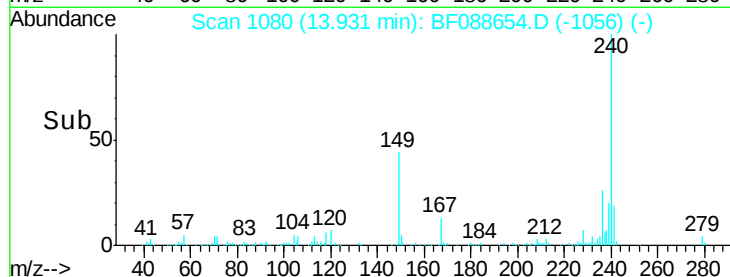
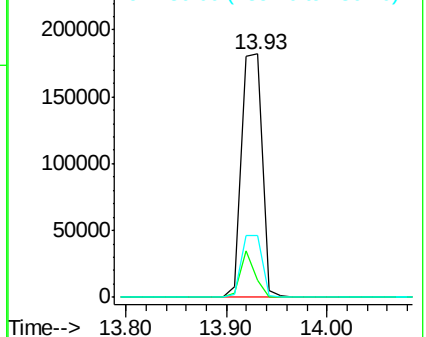
236 25.6 20.2 30.2



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: 37.09 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

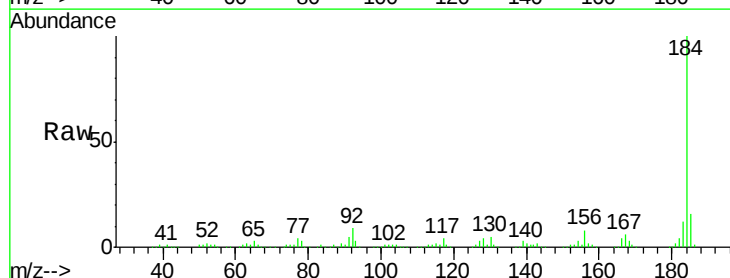
Tgt Ion:184 Resp: 485794

Ion Ratio Lower Upper

184 100

185 15.8 12.5 18.7

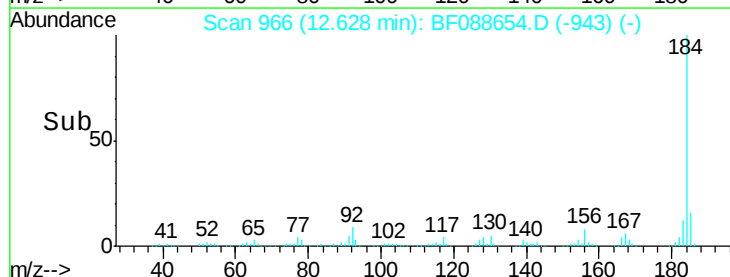
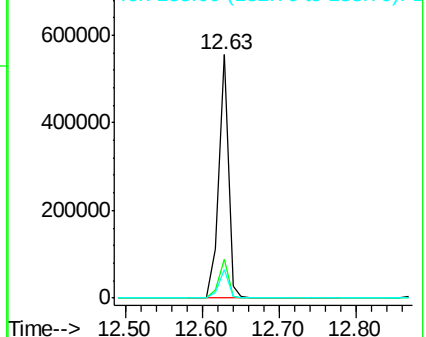
183 11.9 9.3 13.9

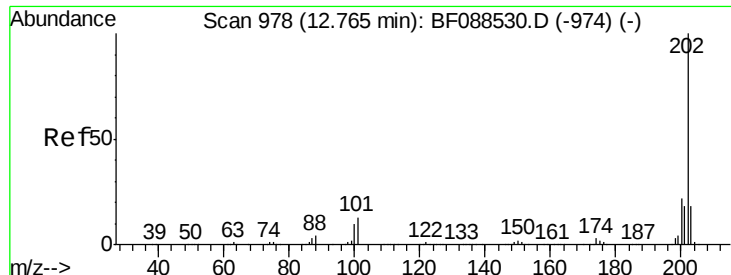


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

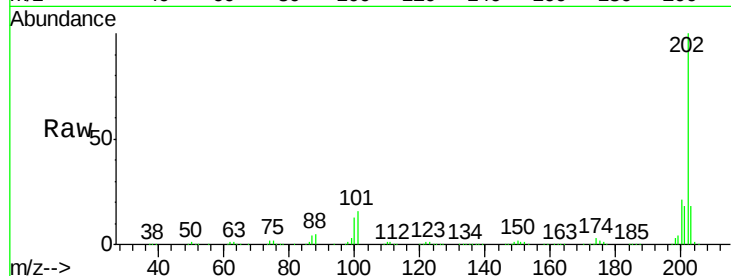




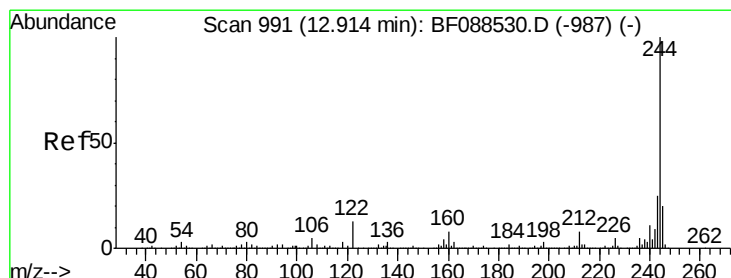
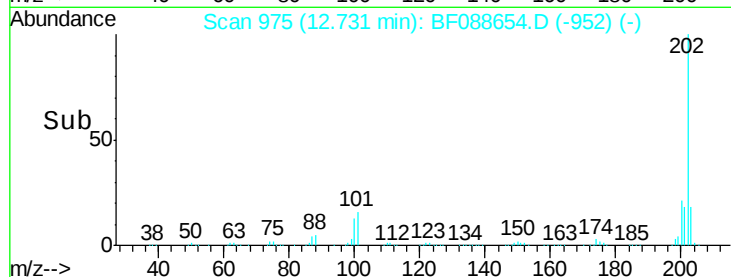
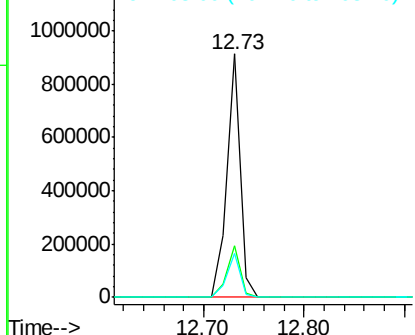
#77
Pvrene
Concen: 38.34 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 842409
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.8 14.5 21.7

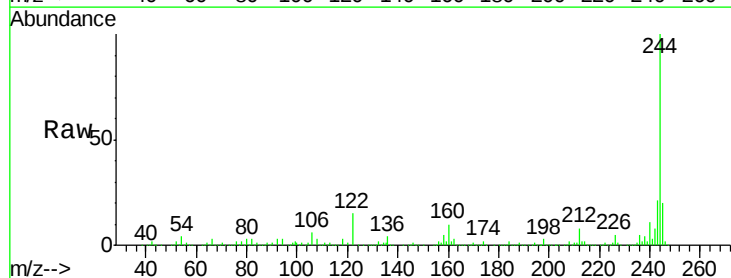


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

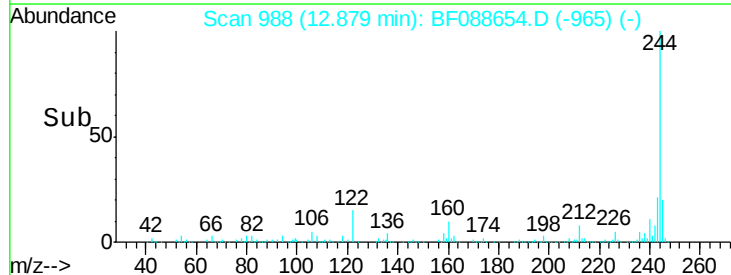
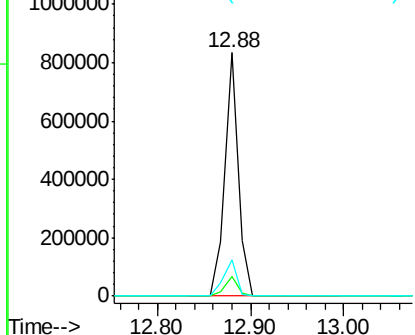


#78
Terphenyl-d14
Concen: 71.58 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion:244 Resp: 832882
Ion Ratio Lower Upper
244 100
212 8.1 6.0 9.0
122 14.8 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: 41.19 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :

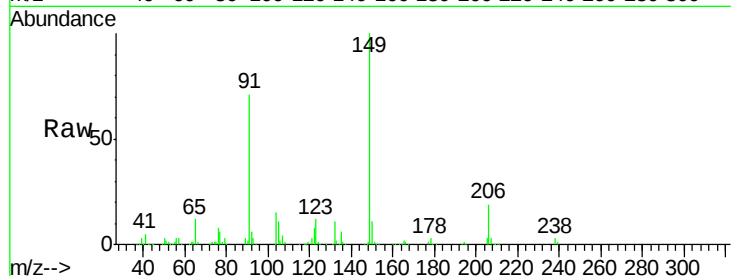
Tot Ion:149 Resp: 403752

Ion Ratio Lower Upper

149 100

91 70.8 48.0 72.0

206 18.9 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

600000

500000

400000

300000

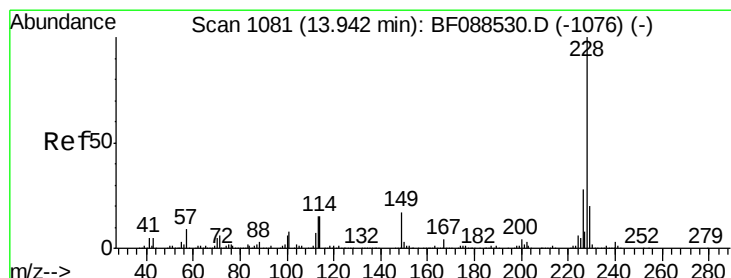
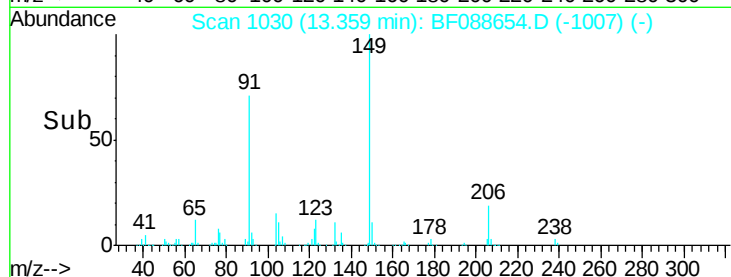
200000

100000

0

13.30 13.35 13.40

Time-->



#80

Benzo(a)anthracene

Concen: 39.13 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

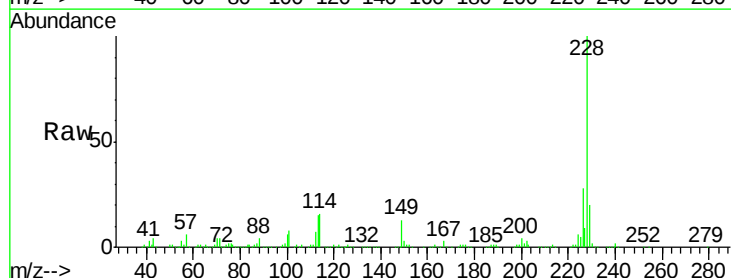
Tgt Ion:228 Resp: 653051

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

800000

600000

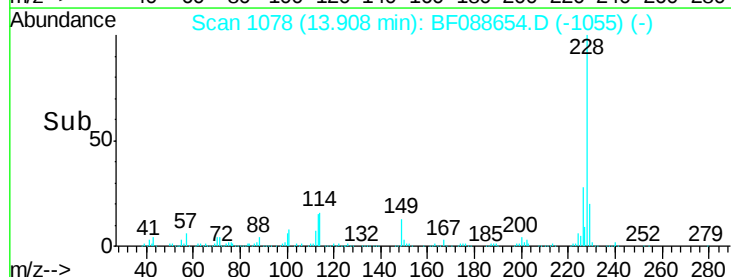
400000

200000

0

13.85 13.90 13.95

Time-->

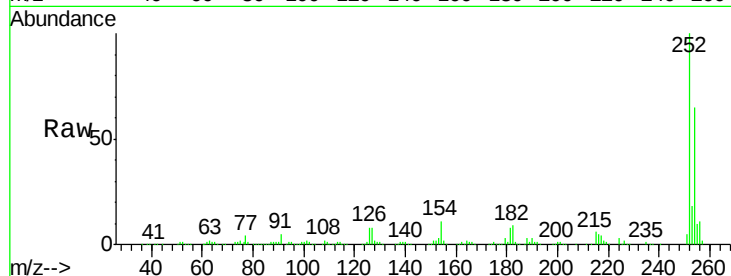




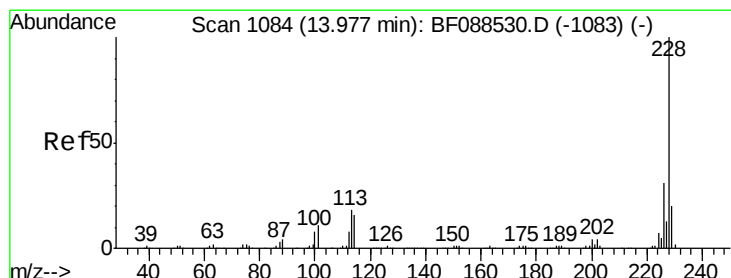
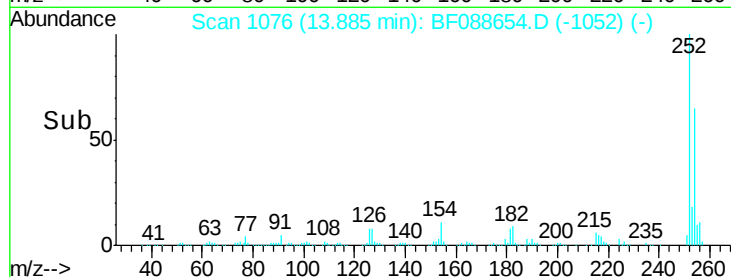
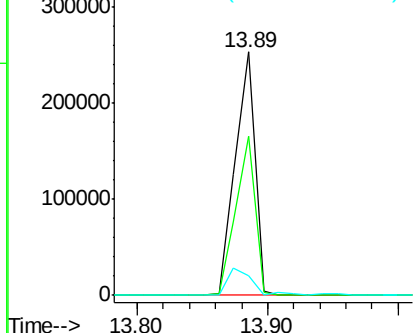
#81
 3,3'-Dichlorobenzidine
 Concen: 42.47 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 266468
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.6 78.8
 126 7.8 6.2 9.2

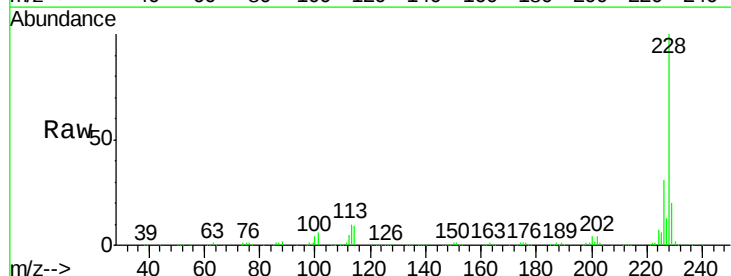


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

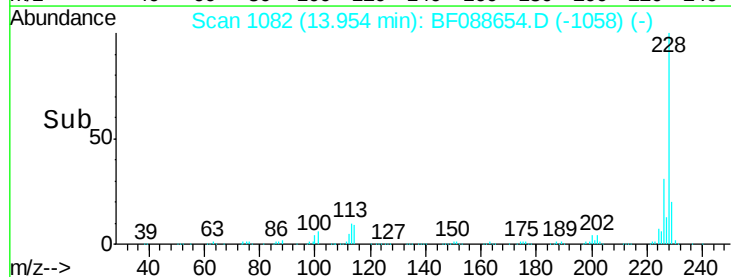
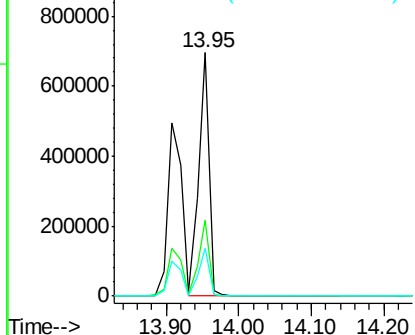


#82
 Chrysene
 Concen: 41.86 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:228 Resp: 691155
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.2
 229 19.8 16.3 24.5



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

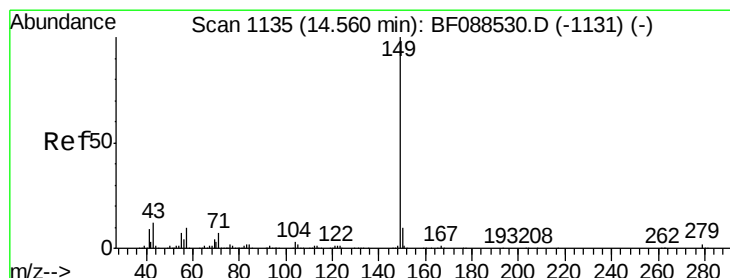
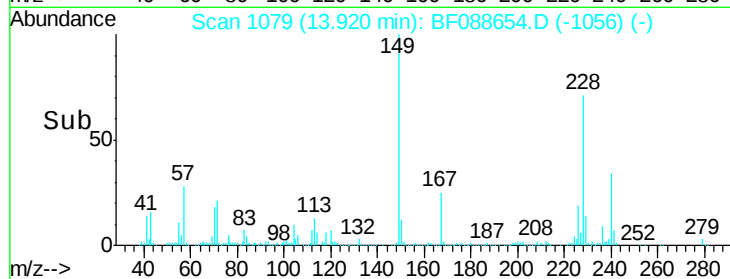
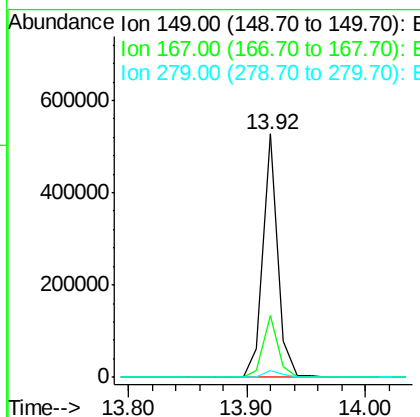
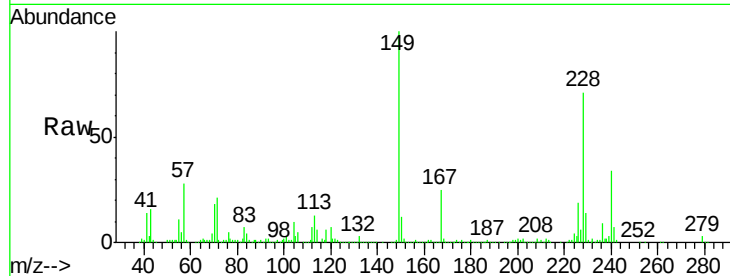




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.54 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

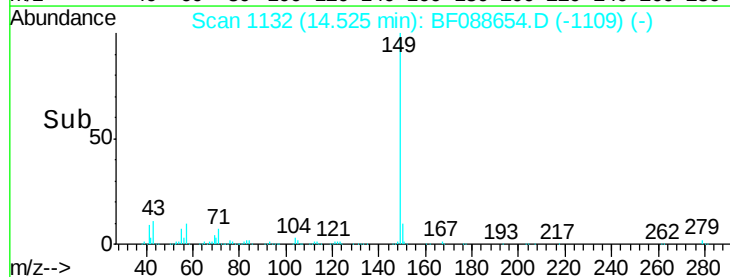
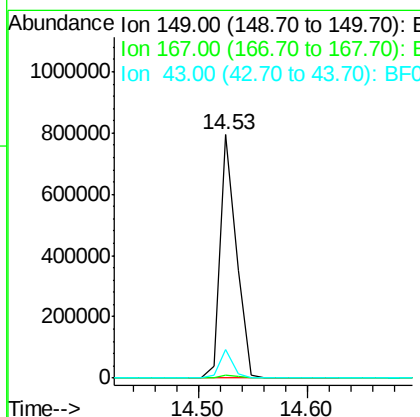
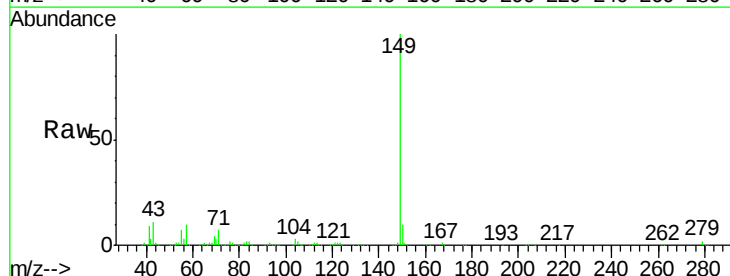
Instrument :
 BNA_F
 ClientSampleId :

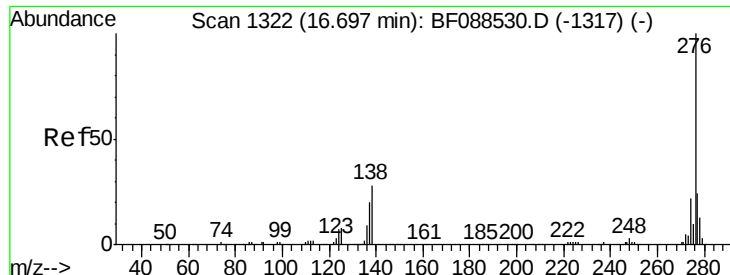
Tot Ion:149 Resp: 464798
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.5 30.7
 279 2.7 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 43.12 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:149 Resp: 819659
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.9 0.0 0.0#

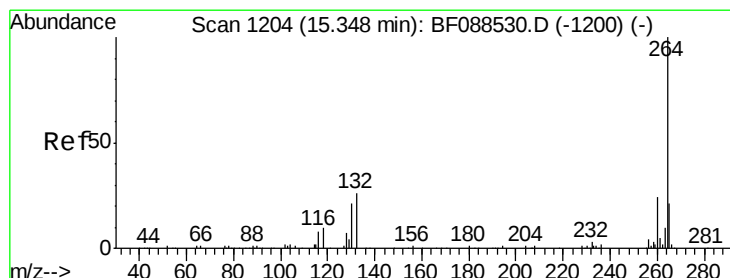
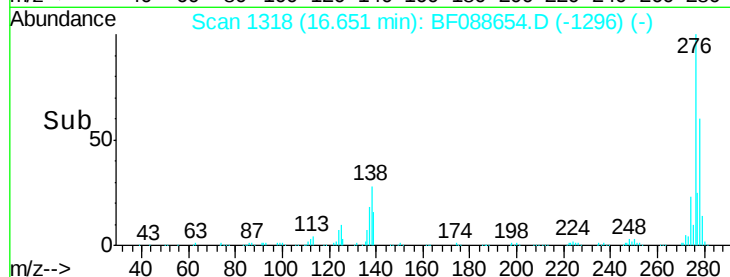
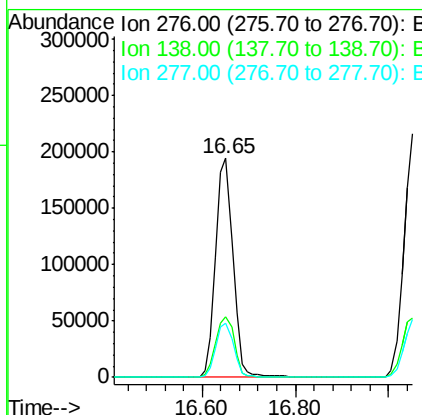
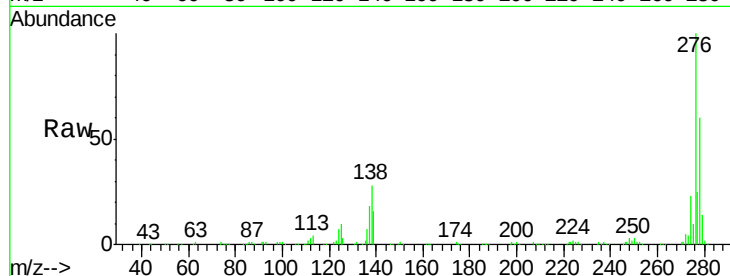




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.77 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

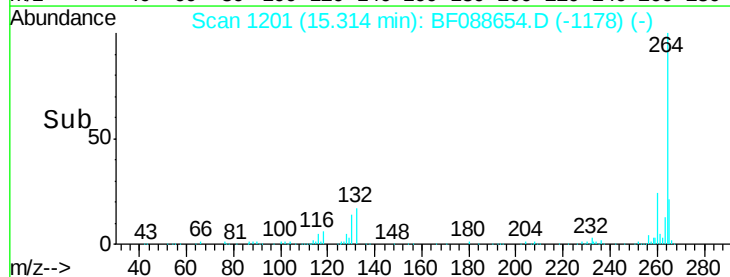
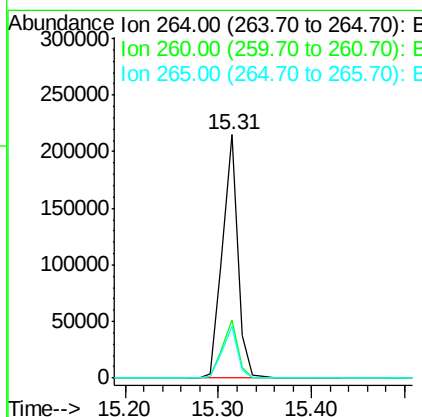
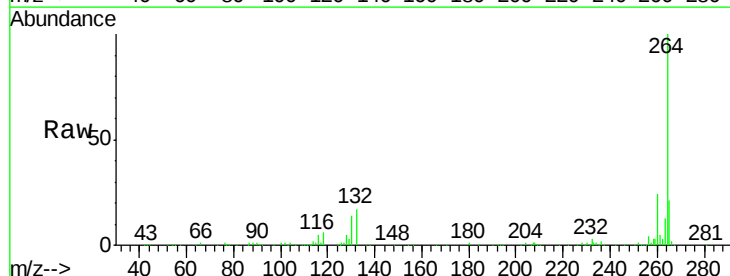
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 505167
 Ion Ratio Lower Upper
 276 100
 138 29.9 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088654.D
 Acq: 3 Jul 2016 17:59

Tgt Ion:264 Resp: 247252
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.1 16.9 25.3

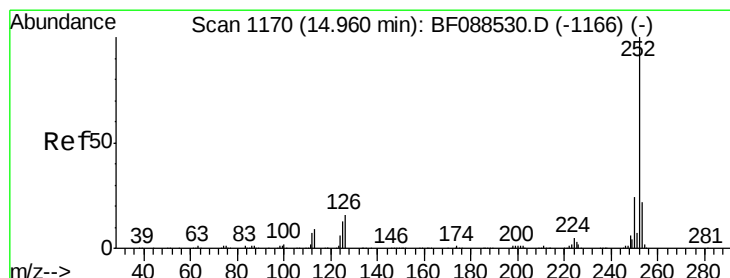
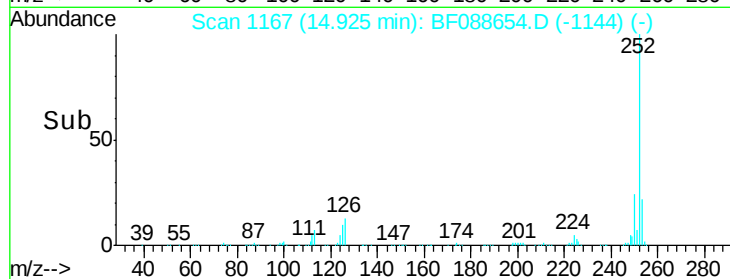
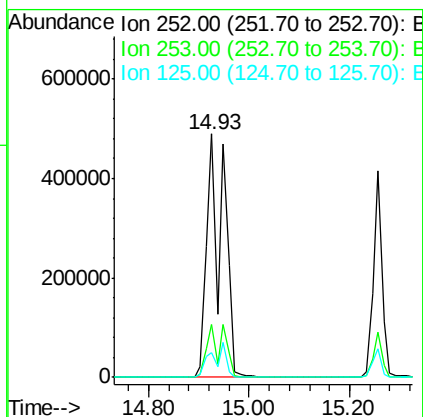
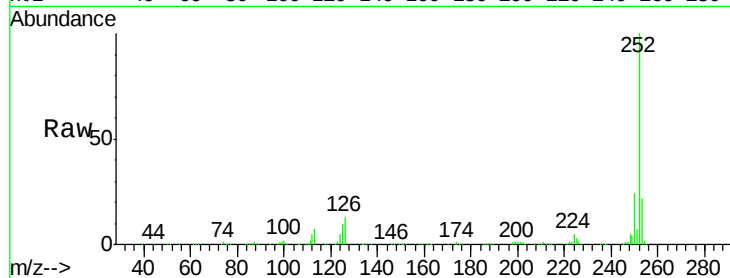




#87
Benzo(b)fluoranthene
Concen: 72.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

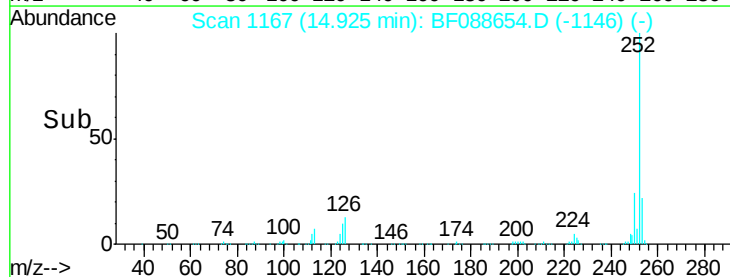
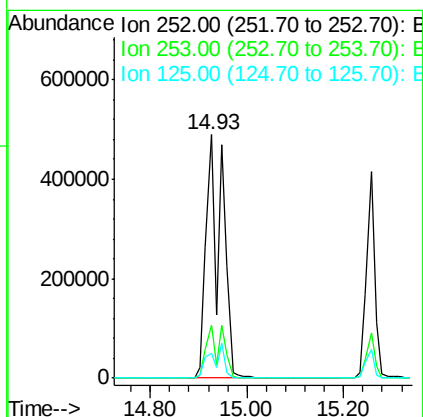
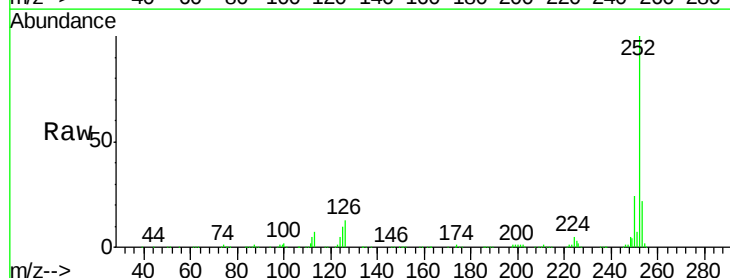
Instrument :
BNA_F
ClientSampleId :

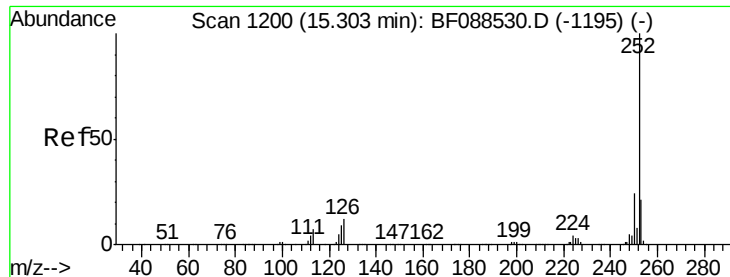
Tot Ion:252 Resp: 1116663
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.0 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 82.70 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088654.D
Acq: 3 Jul 2016 17:59

Tgt Ion:252 Resp: 1116614
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 10.0 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 38.25 ng

RT: 15.26 min Scan# 1196

Delta R.T. -0.05 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampled :

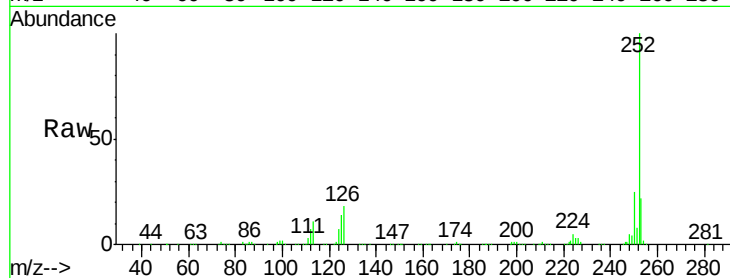
Tot Ion:252 Resp: 502365

Ion Ratio Lower Upper

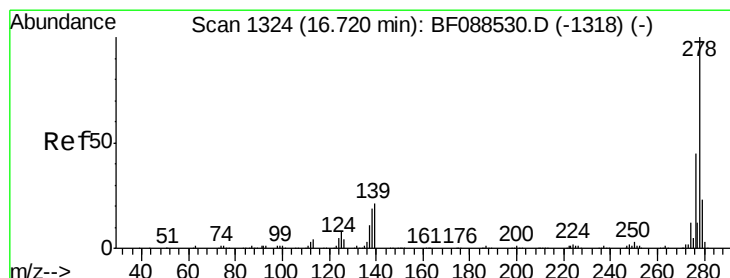
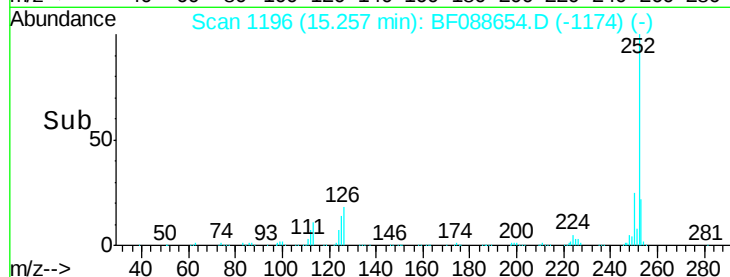
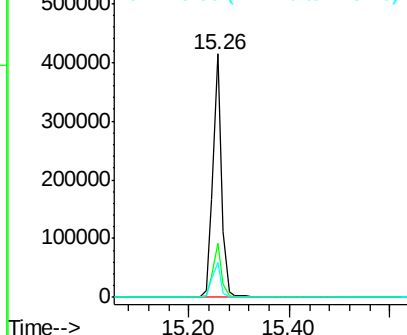
252 100

253 22.1 17.9 26.9

125 14.1 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: 39.83 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.06 min

Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

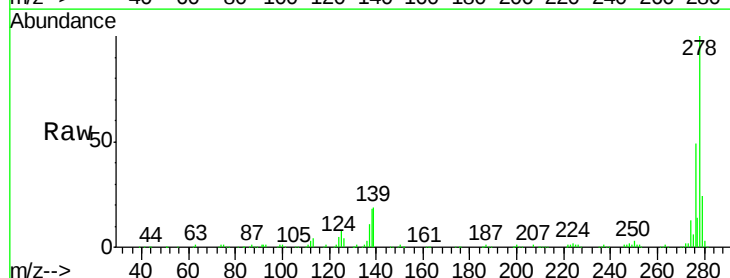
Tgt Ion:278 Resp: 436766

Ion Ratio Lower Upper

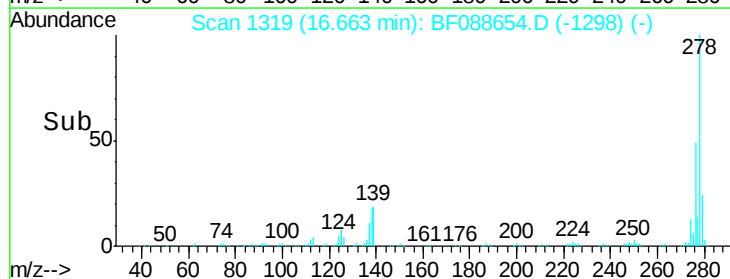
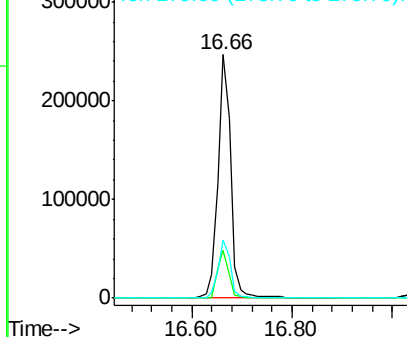
278 100

139 19.4 15.7 23.5

279 24.0 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(a,h,i)perylene

Concen: 38.83 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.06 min

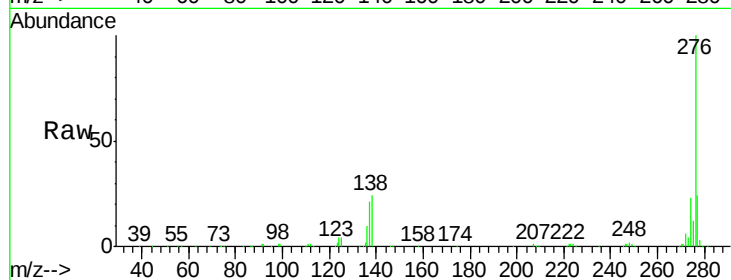
Lab File: BF088654.D

Acq: 3 Jul 2016 17:59

Instrument :

BNA_F

ClientSampleId :



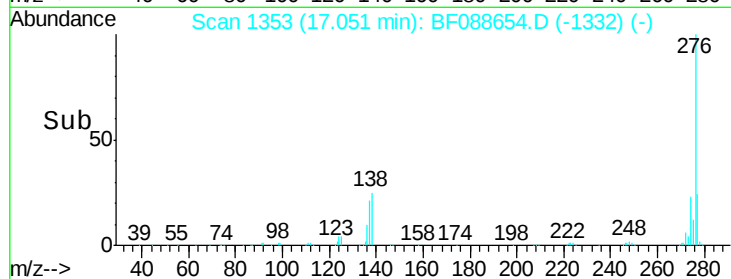
Tot Ion: 276 Resp: 440581

Ion Ratio Lower Upper

276 100

277 23.8 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

