

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088719.D
 Acq On : 5 Jul 2016 23:08
 Operator : UM/SJ
 Sample : H3871-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Quant Time: Jul 06 01:39:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	98208	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	391700	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	188374	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	358599	20.00	ng	0.00
75) Chrysene-d12	13.91	240	254828	20.00	ng	-0.01
86) Perylene-d12	15.29	264	187921	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	592853	90.47	ng	0.00
7) Phenol-d6	6.41	99	724014	85.51	ng	0.00
23) Nitrobenzene-d5	7.34	82	474706	63.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	175098	100.10	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	875500	73.41	ng	0.00
78) Terphenyl-d14	12.87	244	703137	61.46	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	63852	19.65	ng	# 26
3) Pyridine	3.07	79	120370	12.77	ng	92
4) n-Nitrosodimethylamine	3.00	42	53229	14.78	ng	88
6) Aniline	6.43	93	164179	13.31	ng	97
8) 2-Chlorophenol	6.56	128	141929	20.15	ng	92
9) Benzaldehyde	6.32	77	83432	14.55	ng	98
10) Phenol	6.42	94	158214	16.37	ng	# 65
11) bis(2-Chloroethyl)ether	6.51	93	139092	19.30	ng	87
12) 1,3-Dichlorobenzene	6.71	146	129213	16.67	ng	# 93
13) 1,4-Dichlorobenzene	6.79	146	133684	17.38	ng	94
14) 1,2-Dichlorobenzene	6.95	146	132495	18.40	ng	96
15) Benzyl Alcohol	6.91	79	124785	20.02	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	164333	15.75	ng	89
17) 2-Methylphenol	7.03	107	110048	19.15	ng	96
18) Hexachloroethane	7.29	117	52202	17.54	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	97056	17.06	ng	92
20) 3+4-Methylphenols	7.19	107	146212	21.20	ng	# 87
22) Acetophenone	7.19	105	196181	20.64	ng	# 90
24) Nitrobenzene	7.36	77	155251	20.60	ng	96
25) Isophorone	7.60	82	288992	20.87	ng	99
26) 2-Nitrophenol	7.68	139	67117	21.72	ng	# 76
27) 2,4-Dimethylphenol	7.71	122	121108	18.82	ng	87
28) bis(2-Chloroethoxy)methane	7.82	93	188213	20.89	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	119382	22.95	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	110743	19.40	ng	99
31) Naphthalene	8.08	128	392905	20.35	ng	99
32) Benzoic acid	7.79	122	28369	6.07	ng	90
33) 4-Chloroaniline	8.12	127	124823	14.53	ng	94
34) Hexachlorobutadiene	8.20	225	64177	21.00	ng	98
35) Caprolactam	8.48	113	27177	15.38	ng	# 76
36) 4-Chloro-3-methylphenol	8.62	107	135164	21.97	ng	95
37) 2-Methylnaphthalene	8.76	142	257740	20.73	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	109143	17.42	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	128470	41.78	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	84373	20.42	ng	99
43) 2,4,5-Trichlorophenol	9.08	196	87216	24.54	ng #	90
45) 1,1'-Biphenyl	9.23	154	333972	21.41	ng	99
46) 2-Chloronaphthalene	9.26	162	257079	20.99	ng	99
47) 2-Nitroaniline	9.35	65	84735	19.50	ng	96
48) Acenaphthylene	9.67	152	401299	20.60	ng	99
49) Dimethylphthalate	9.54	163	401967	29.95	ng	97
50) 2,6-Dinitrotoluene	9.60	165	66313	22.29	ng	91
51) Acenaphthene	9.84	154	254137	21.28	ng	98
52) 3-Nitroaniline	9.76	138	69741	18.44	ng	98
53) 2,4-Dinitrophenol	9.86	184	34172	26.02	ng	88
54) Dibenzofuran	10.01	168	349990	22.39	ng #	88
55) 4-Nitrophenol	9.93	139	158340	55.11	ng #	64
56) 2,4-Dinitrotoluene	10.00	165	84977	21.85	ng	94
57) Fluorene	10.35	166	286523	23.78	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	61189	22.25	ng #	51
59) Diethylphthalate	10.24	149	314656	23.36	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	127816	22.83	ng #	88
61) 4-Nitroaniline	10.36	138	62901	17.29	ng	86
62) Azobenzene	10.50	77	343519	22.36	ng	91
64) 4,6-Dinitro-2-methylphenol	10.40	198	28122	14.66	ng #	74
65) n-Nitrosodiphenylamine	10.47	169	258433	21.29	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	72475	20.06	ng #	77
67) Hexachlorobenzene	10.90	284	87589	21.90	ng #	82
68) Atrazine	10.99	200	75371	19.93	ng	91
69) Pentachlorophenol	11.10	266	102826	43.43	ng	97
70) Phenanthrene	11.31	178	410579	20.95	ng	98
71) Anthracene	11.36	178	426495	21.88	ng	99
72) Carbazole	11.51	167	355078	19.36	ng	99
73) Di-n-butylphthalate	11.85	149	450383	21.11	ng	98
74) Fluoranthene	12.49	202	427842	21.53	ng	97
76) Benzidine	12.62	184	293213	22.76	ng	98
77) Pyrene	12.72	202	423765	19.61	ng	98
79) Butylbenzylphthalate	13.35	149	190015	19.72	ng	96
80) Benzo(a)anthracene	13.90	228	326550	19.90	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	91383	14.81	ng #	95
82) Chrysene	13.93	228	291875	17.98	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	258694	23.51	ng #	99
84) Di-n-octyl phthalate	14.51	149	384858	20.59	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	241566	19.34	ng #	100
87) Benzo(b)fluoranthene	14.90	252	474441	40.25	ng #	97
88) Benzo(k)fluoranthene	14.90	252	474441	46.23	ng	98
89) Benzo(a)pyrene	15.23	252	211238	21.16	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	200660	24.08	ng	96
91) Benzo(g,h,i)perylene	17.02	276	205981	23.88	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

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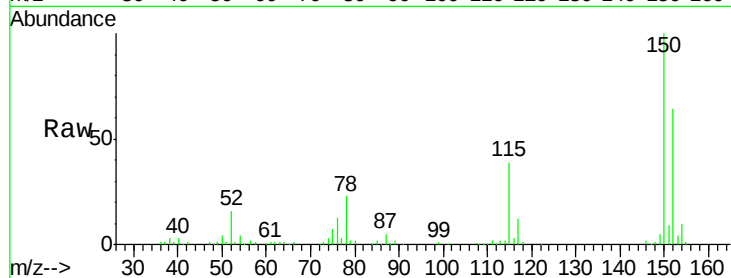
Tgt Ion:152 Resp: 98208

Ion Ratio Lower Upper

152 100

150 155.6 123.8 185.6

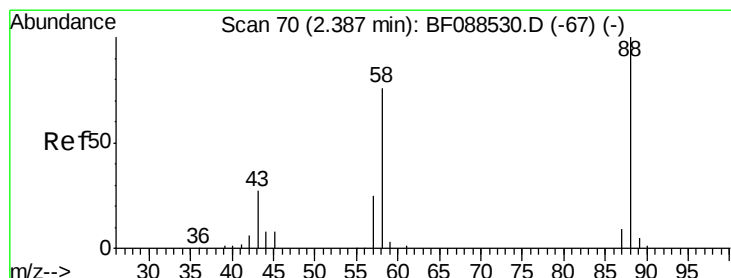
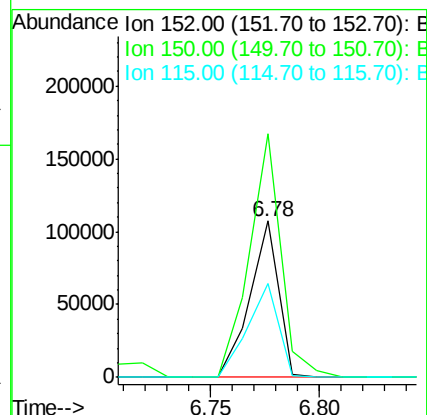
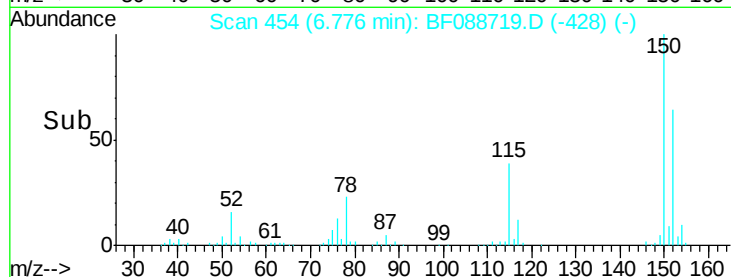
115 60.2 39.6 59.4#



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: 19.65 ng

RT: 2.39 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

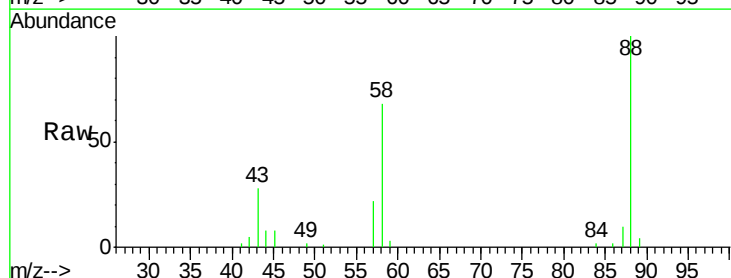
Tgt Ion: 88 Resp: 63852

Ion Ratio Lower Upper

88 100

58 70.4 0.0 0.0#

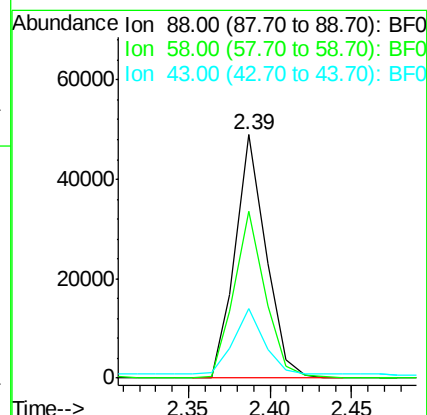
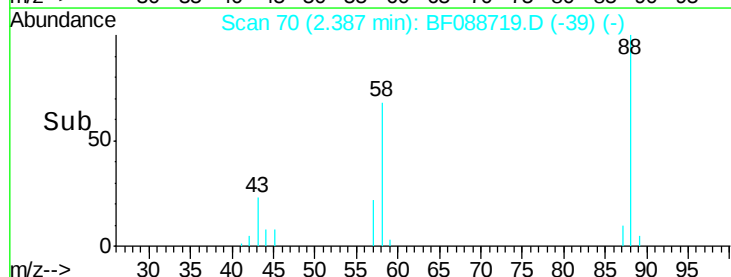
43 28.7 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.77 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.07 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

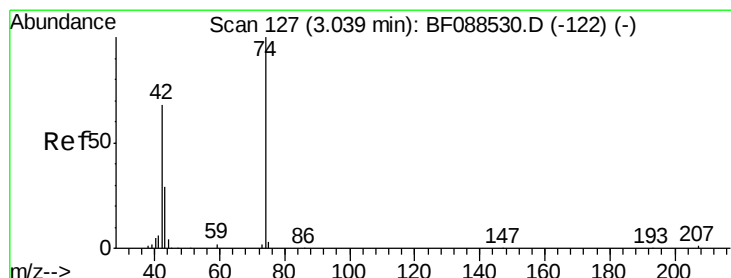
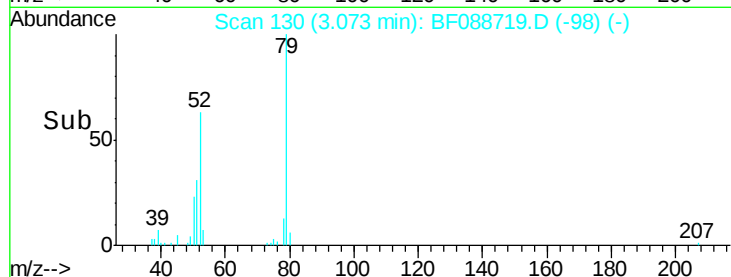
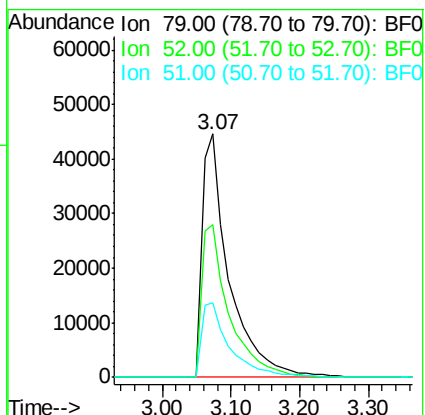
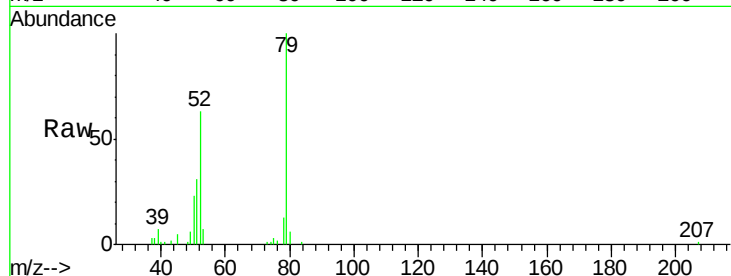
Tgt Ion: 79 Resp: 120370

Ion Ratio Lower Upper

79 100

52 62.6 56.3 84.5

51 30.8 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 14.78 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.03 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

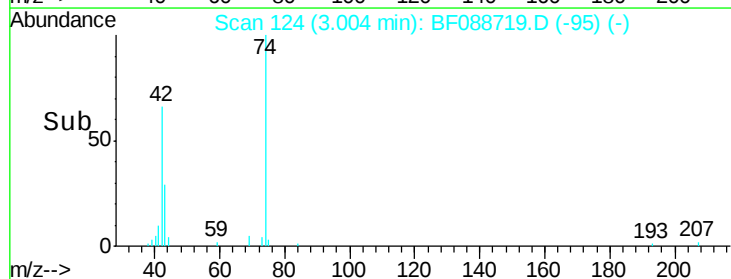
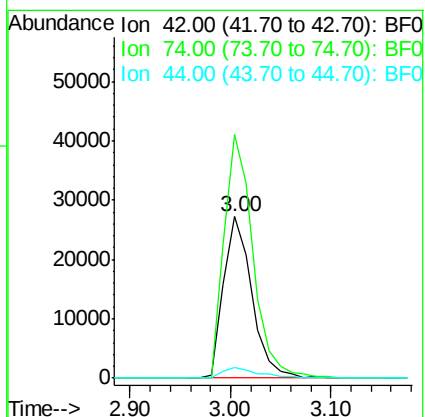
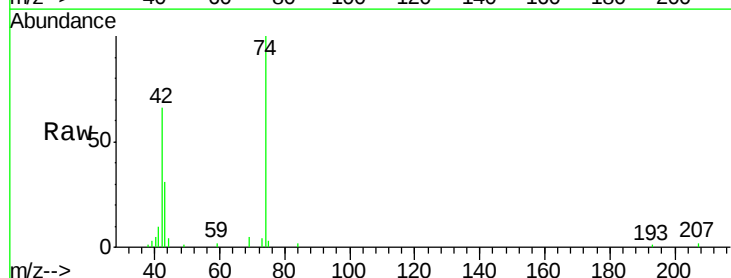
Tgt Ion: 42 Resp: 53229

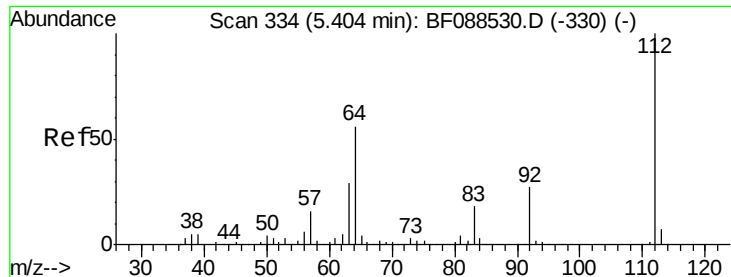
Ion Ratio Lower Upper

42 100

74 150.8 108.6 163.0

44 6.5 5.5 8.3





#5

2-Fluorophenol

Concen: 90.47 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

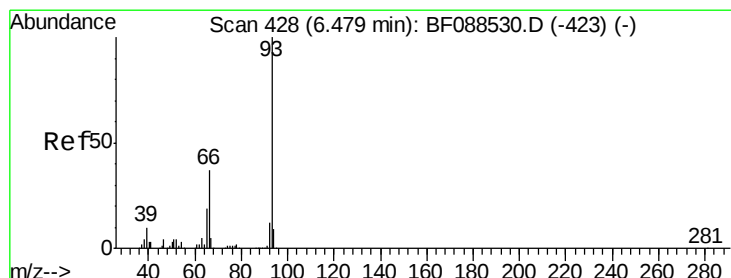
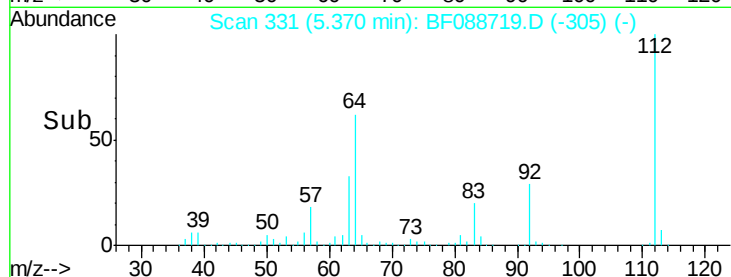
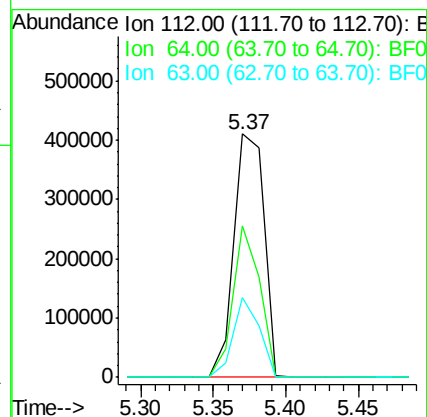
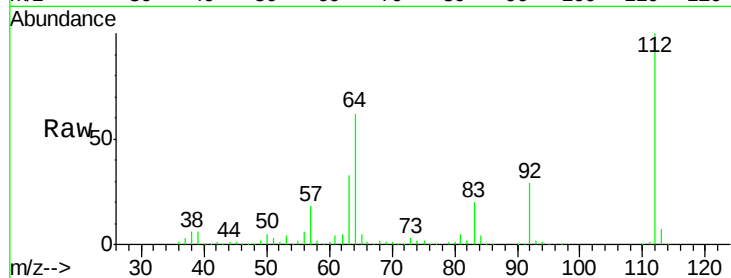
Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:	112	Resp:	592853
Ion	Ratio	Lower	Upper
112	100		
64	62.2	42.2	63.2
63	32.5	21.8	32.8



#6

Aniline

Concen: 13.31 ng

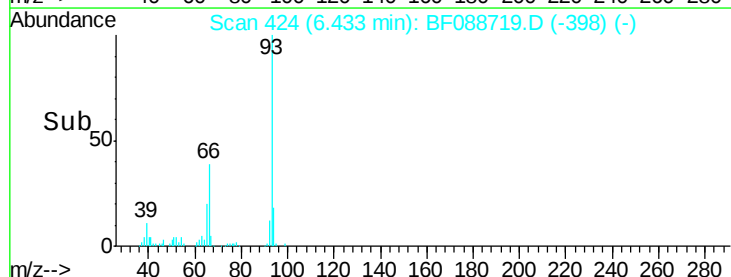
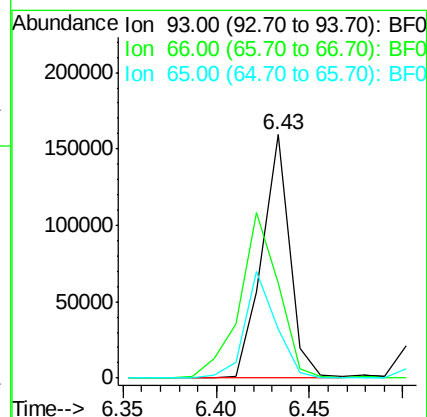
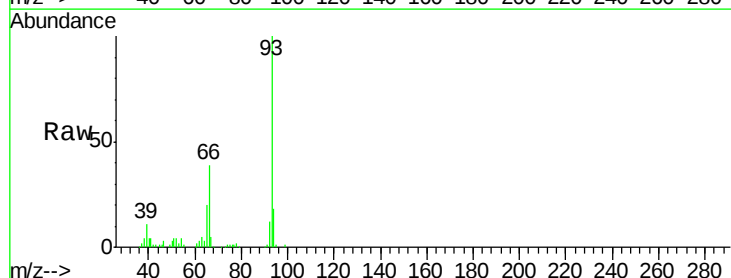
RT: 6.43 min Scan# 424

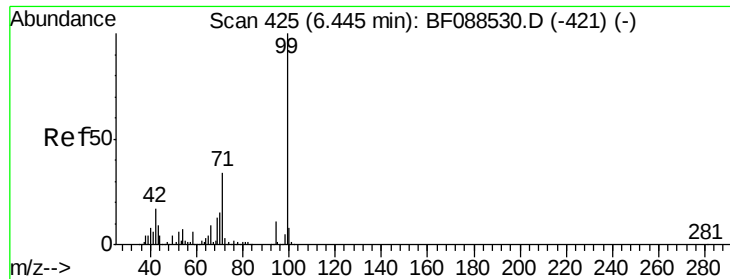
Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:	93	Resp:	164179
Ion	Ratio	Lower	Upper
93	100		
66	39.3	29.8	44.8
65	20.1	14.9	22.3





#7

Phenol-d6

Concen: 85.51 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

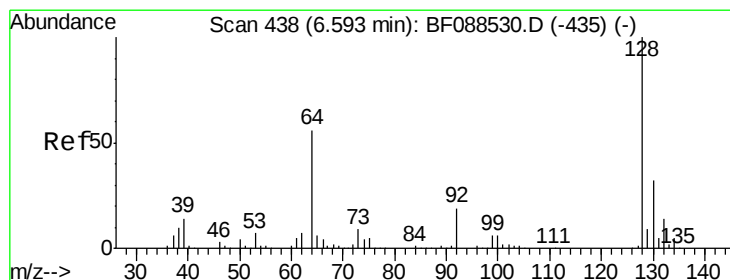
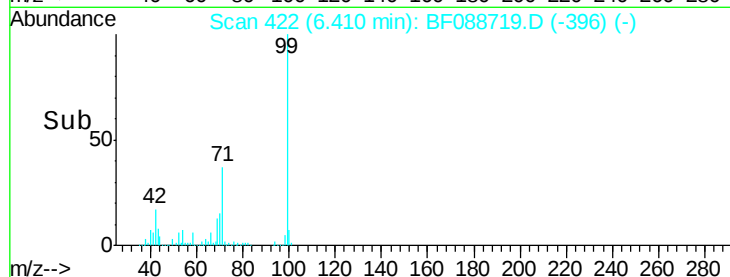
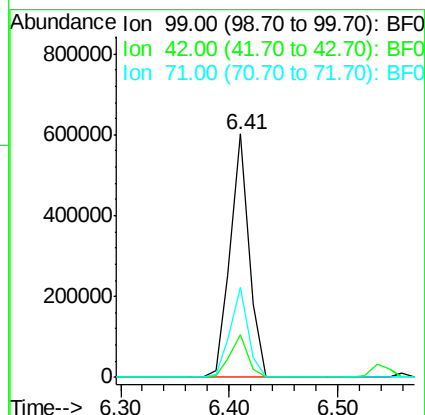
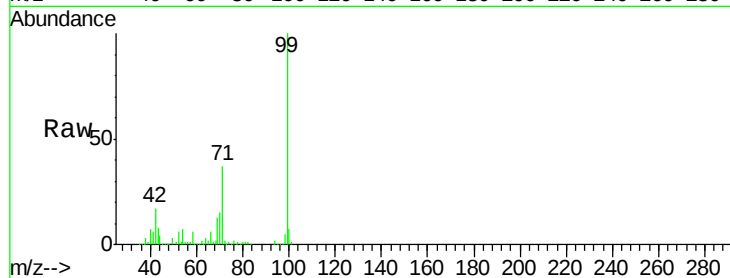
Tgt Ion: 99 Resp: 724014

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

71 36.9 23.4 35.0#



#8

2-Chlorophenol

Concen: 20.15 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

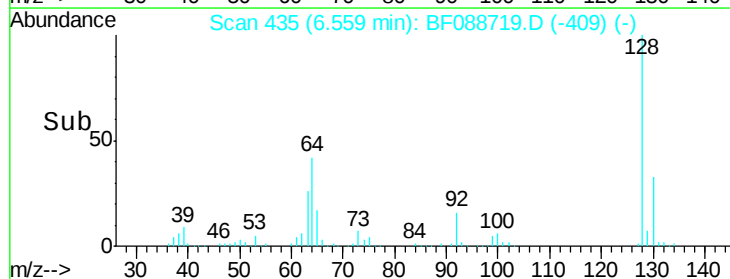
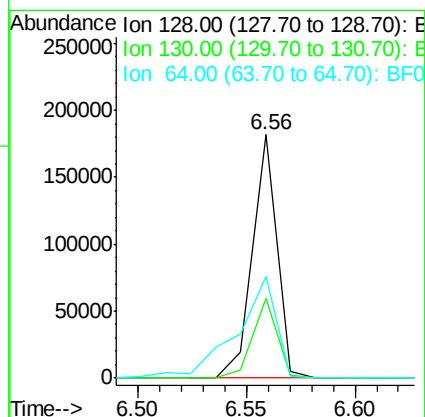
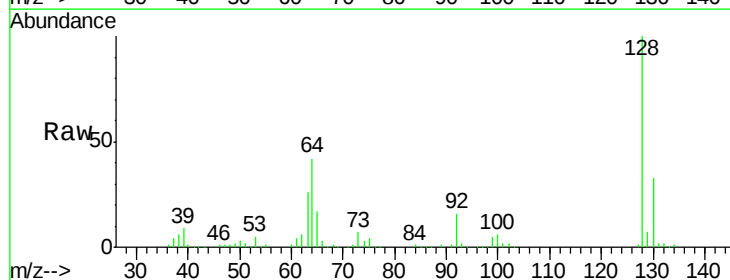
Tgt Ion: 128 Resp: 141929

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 41.9 30.8 70.8





#9

Benzaldehyde

Concen: 14.55 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

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ClientSampleId :

K8-B2(0-11)CMSD

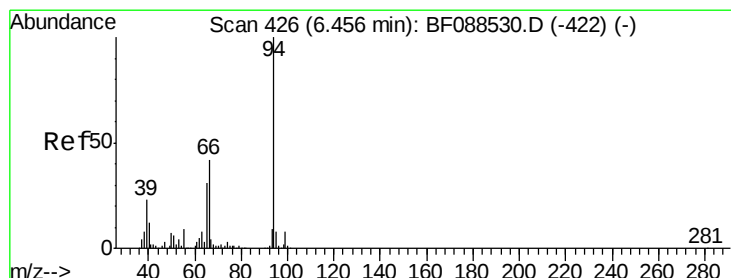
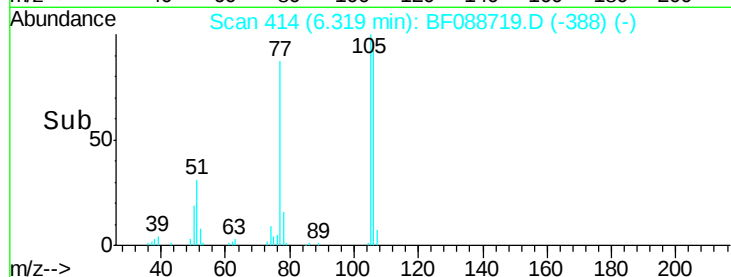
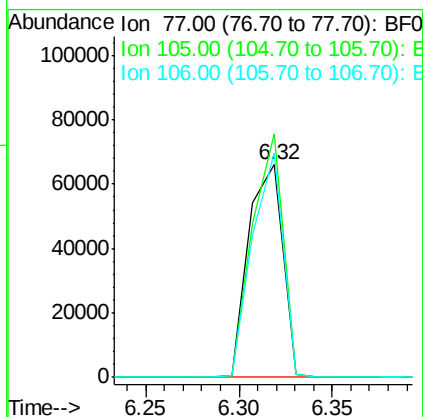
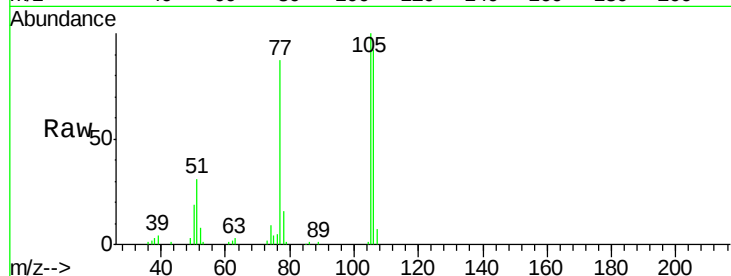
Tgt Ion: 77 Resp: 83432

Ion Ratio Lower Upper

77 100

105 114.6 90.6 130.6

106 105.9 85.3 125.3



#10

Phenol

Concen: 16.37 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

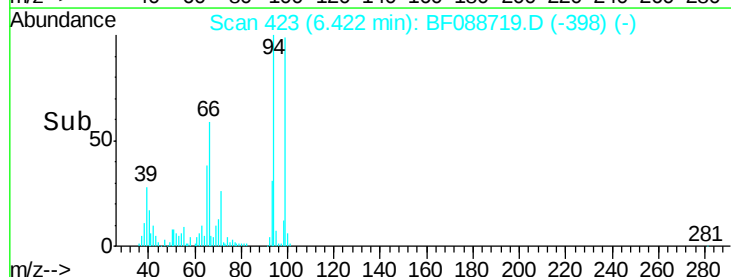
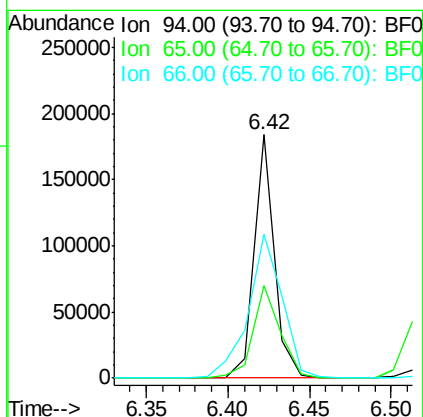
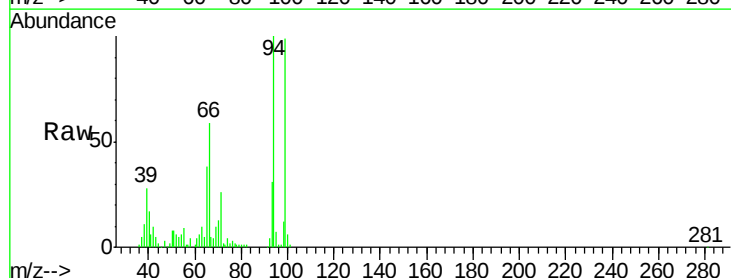
Tgt Ion: 94 Resp: 158214

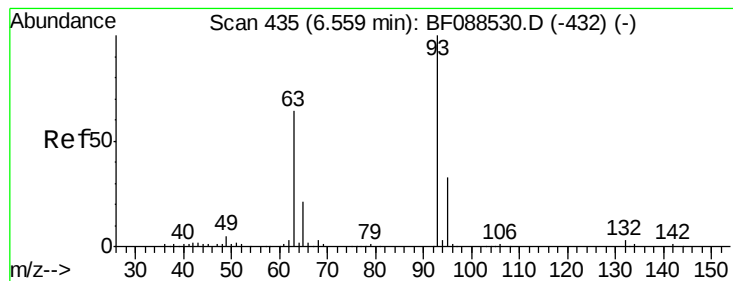
Ion Ratio Lower Upper

94 100

65 37.8 5.9 45.9

66 58.9 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 19.30 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

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K8-B2(0-11)CMSD

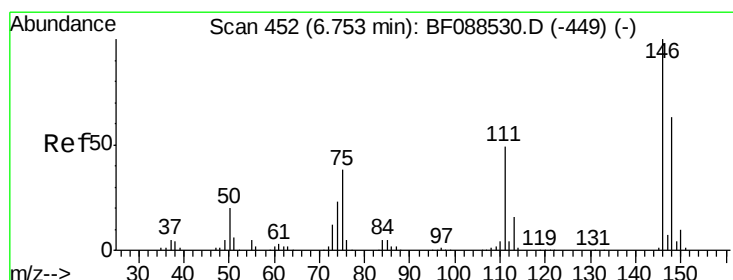
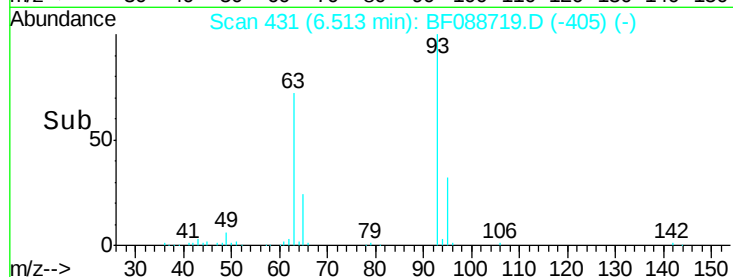
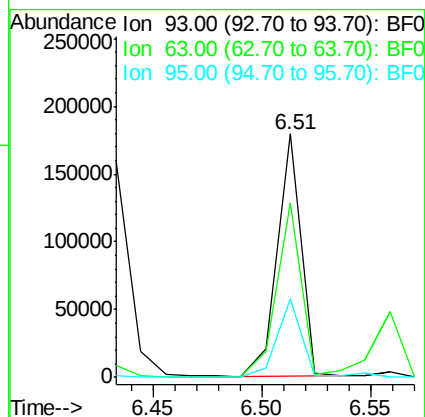
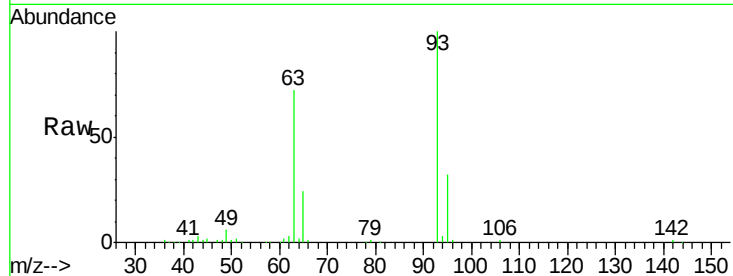
Tgt Ion: 93 Resp: 139092

Ion Ratio Lower Upper

93 100

63 71.6 67.6 107.6

95 32.3 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 16.67 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

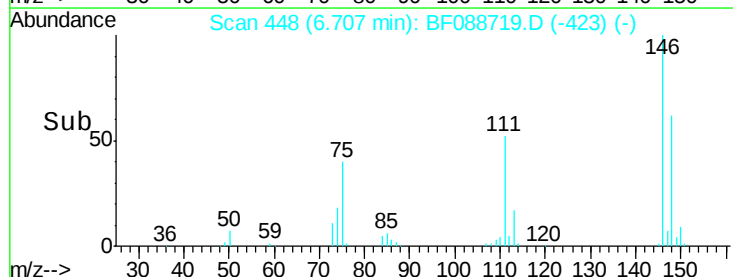
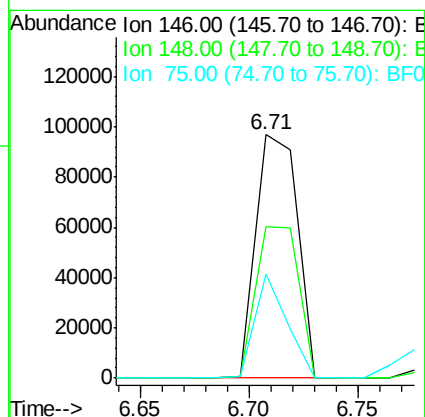
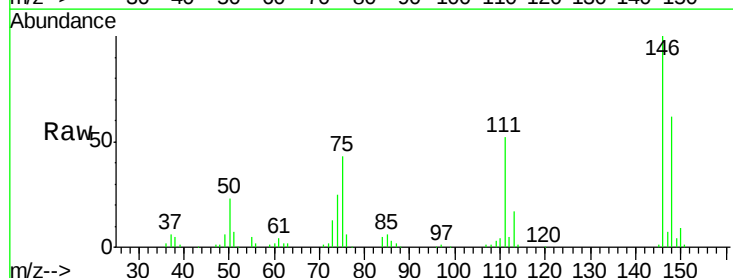
Tgt Ion: 146 Resp: 129213

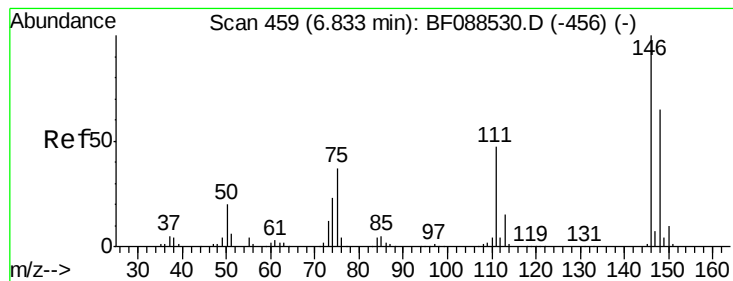
Ion Ratio Lower Upper

146 100

148 62.4 50.9 76.3

75 42.6 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 17.38 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

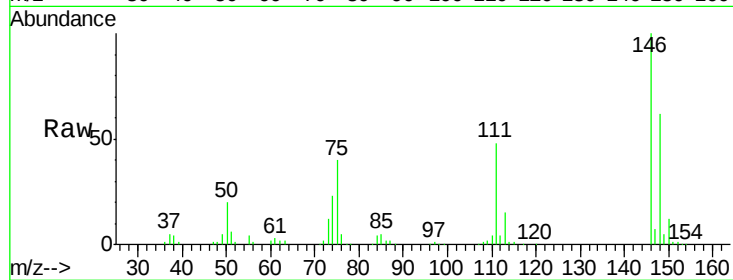
Tgt Ion:146 Resp: 133684

Ion Ratio Lower Upper

146 100

148 61.6 52.0 78.0

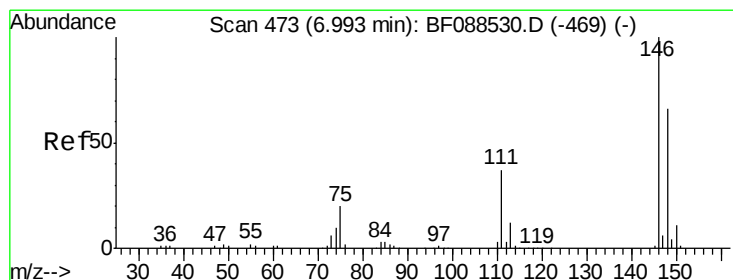
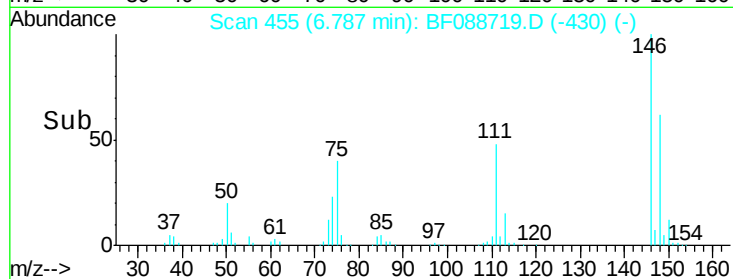
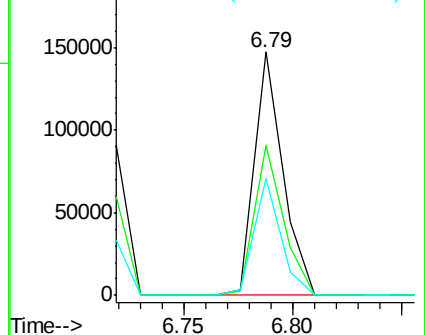
111 48.2 33.8 50.8



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: 18.40 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

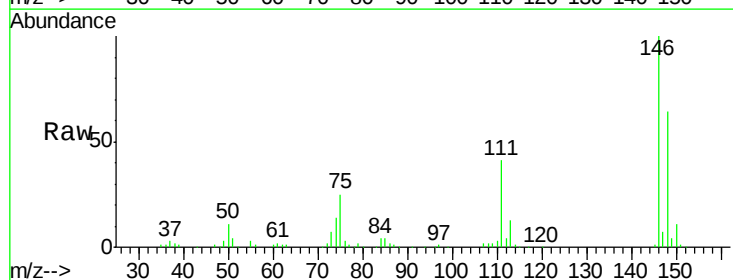
Tgt Ion:146 Resp: 132495

Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

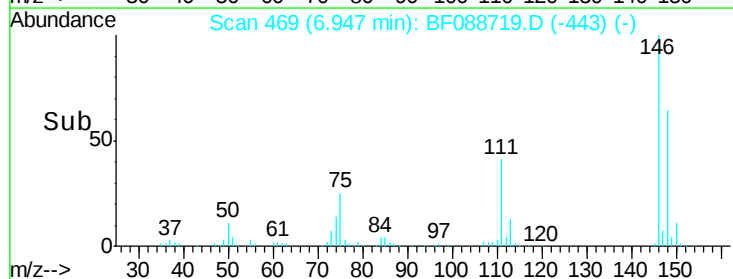
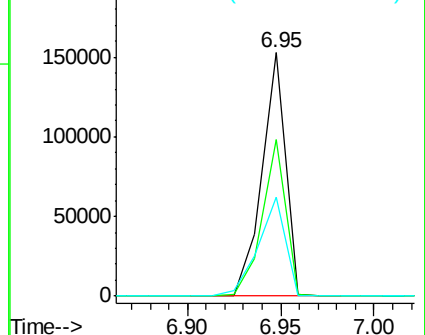
111 40.9 28.7 43.1



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: 20.02 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

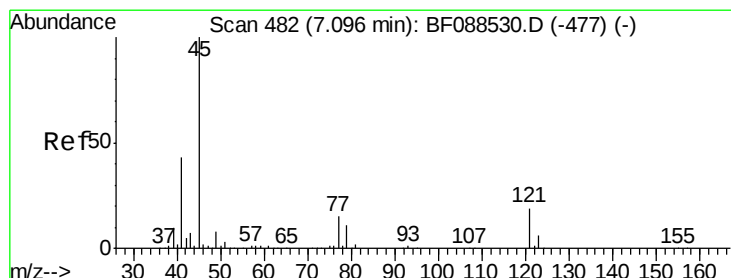
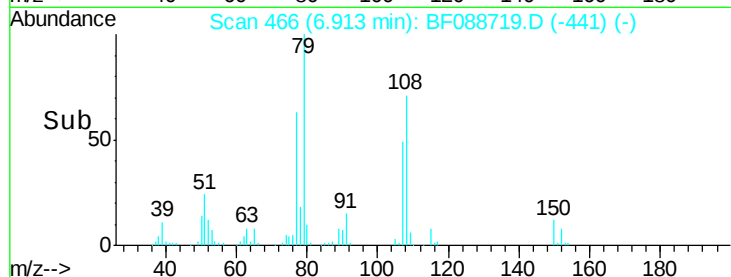
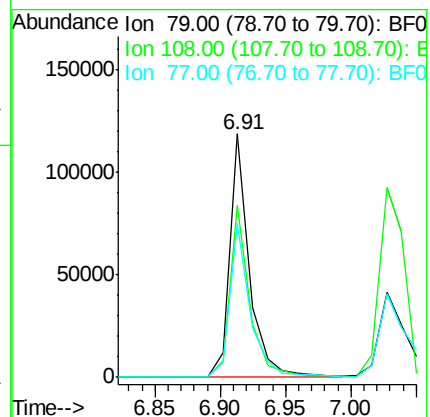
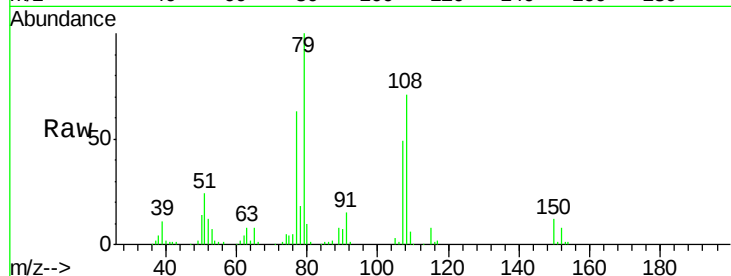
Tgt Ion: 79 Resp: 124785

Ion Ratio Lower Upper

79 100

108 70.7 65.0 97.6

77 63.2 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 15.75 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

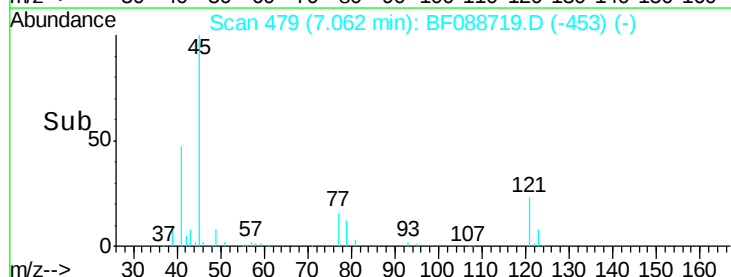
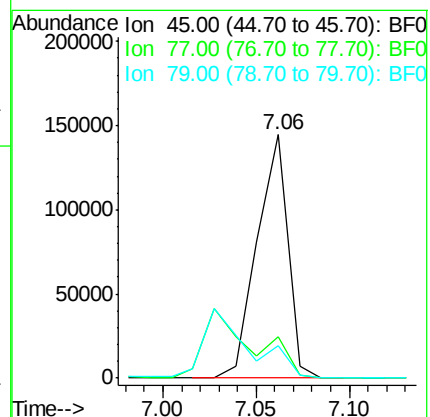
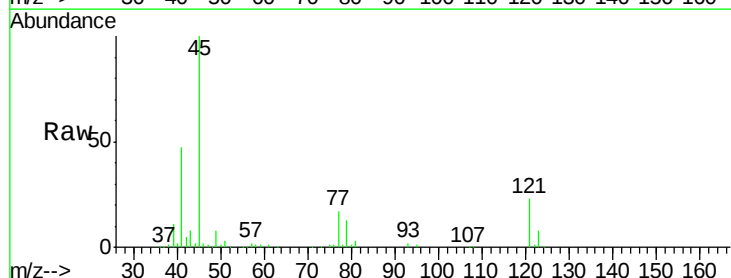
Tgt Ion: 45 Resp: 164333

Ion Ratio Lower Upper

45 100

77 17.0 0.0 32.5

79 13.5 0.0 29.5





#17

2-Methylphenol

Concen: 19.15 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:107 Resp: 110048

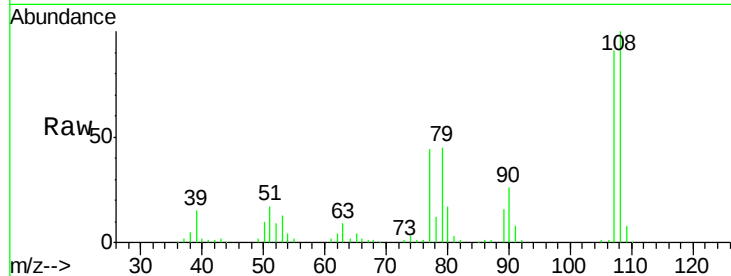
Ion Ratio Lower Upper

107 100

108 110.3 90.9 136.3

77 48.8 36.6 55.0

79 49.4 36.5 54.7

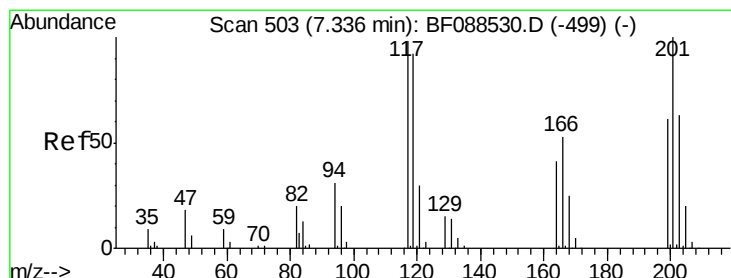
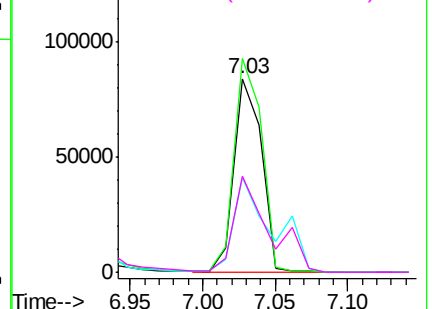
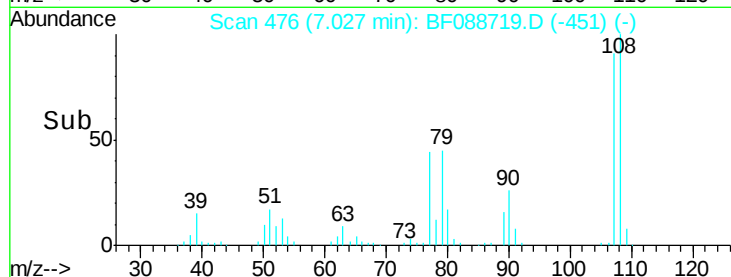


Abundance Ion 107.00 (106.70 to 107.70): E

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: 17.54 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

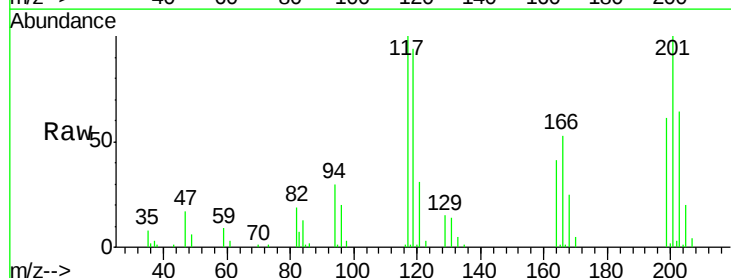
Tgt Ion:117 Resp: 52202

Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.2

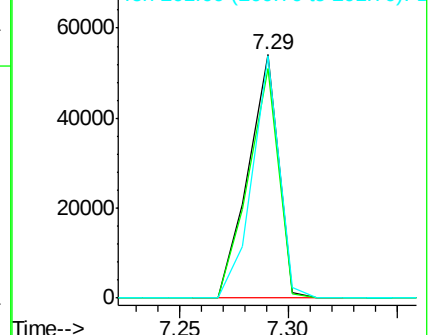
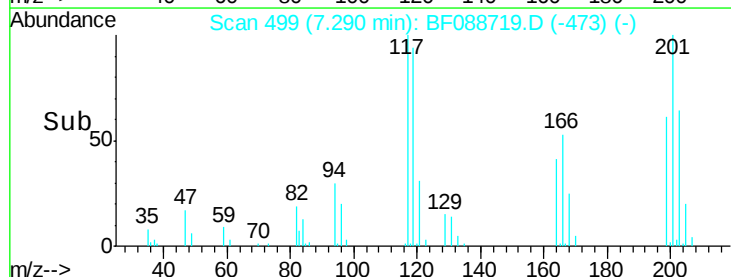
201 99.5 80.4 120.6

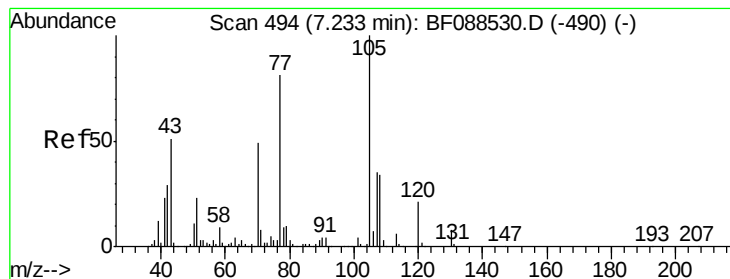


Abundance Ion 117.00 (116.70 to 117.70): E

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: 17.06 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion: 70 Resp: 97056

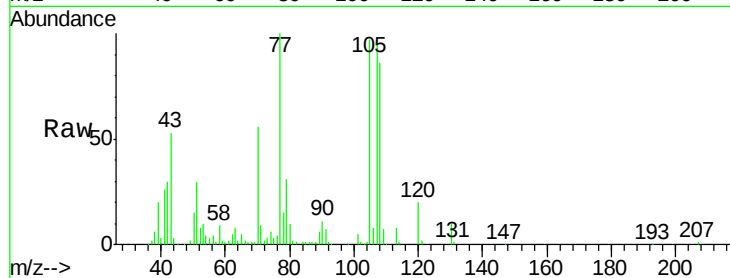
Ion Ratio Lower Upper

70 100

42 53.6 49.6 74.4

101 9.4 7.1 10.7

130 18.5 15.4 23.2

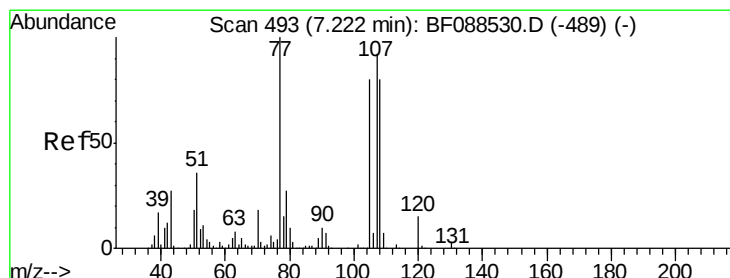
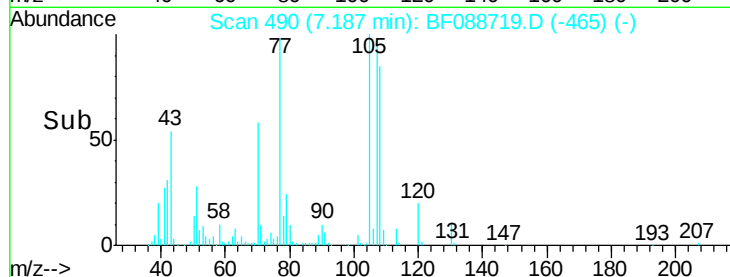
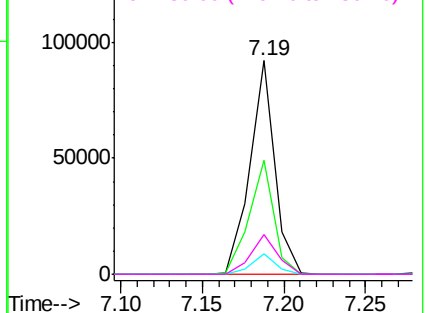


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 21.20 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion: 107 Resp: 146212

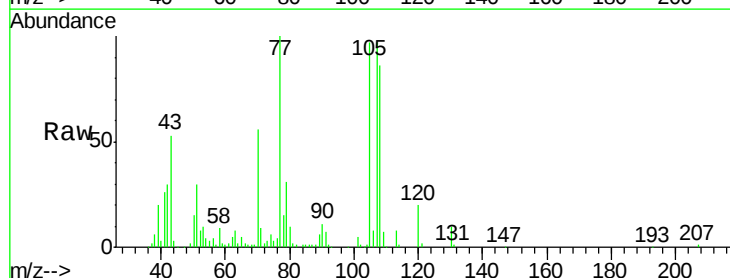
Ion Ratio Lower Upper

107 100

108 88.8 67.8 107.8

77 102.7 59.3 99.3#

79 31.3 7.0 47.0

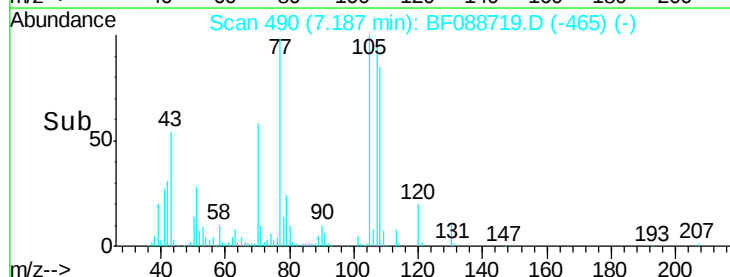
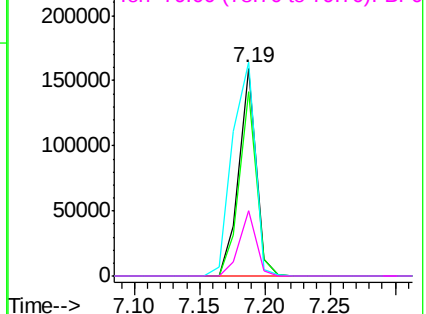


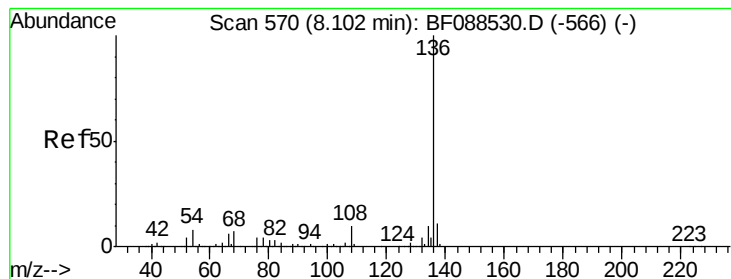
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:136 Resp: 391700

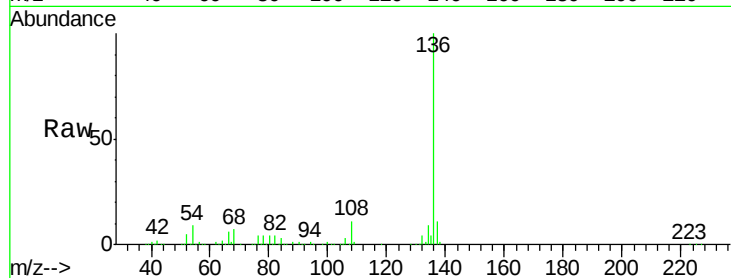
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.7 6.6 10.0

68 7.0 5.1 7.7

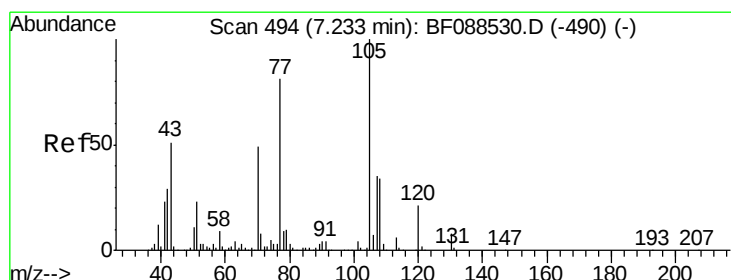
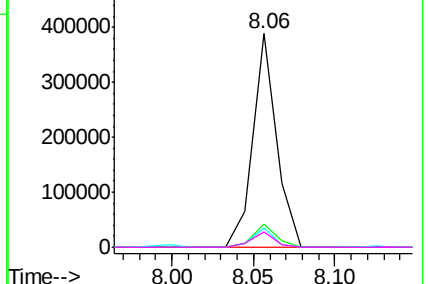
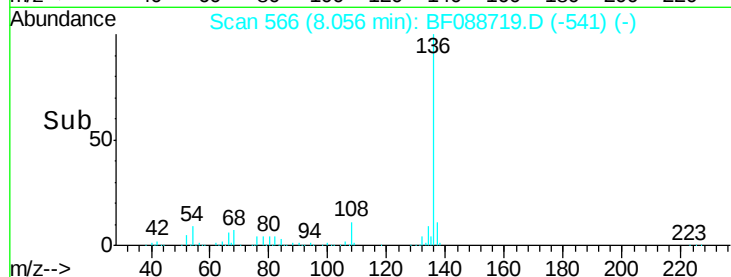


Abundance Ion 136.00 (135.70 to 136.70): E

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: 20.64 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Tgt Ion:105 Resp: 196181

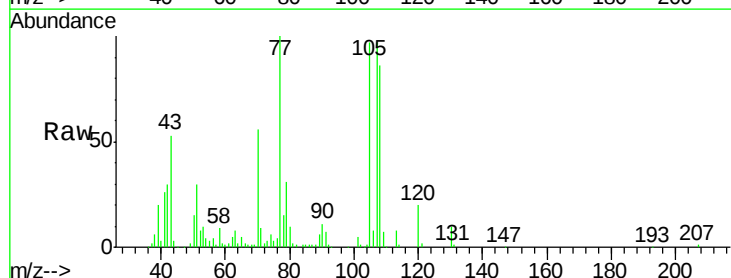
Ion Ratio Lower Upper

105 100

71 9.6 5.3 7.9#

51 30.8 18.2 27.4#

120 20.3 18.0 27.0

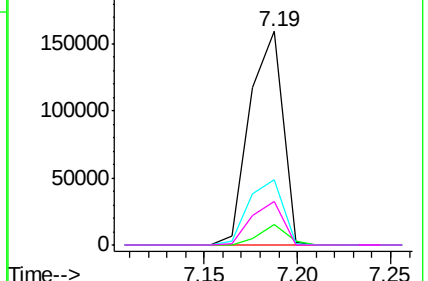
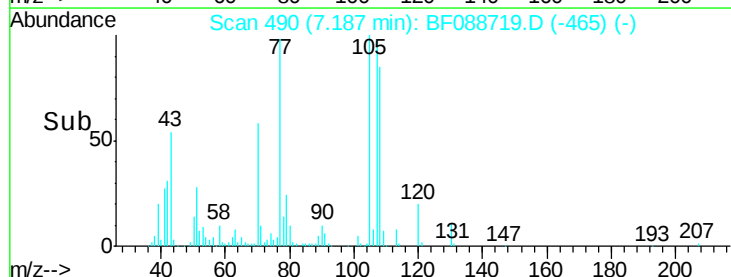


Abundance Ion 105.00 (104.70 to 105.70): E

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

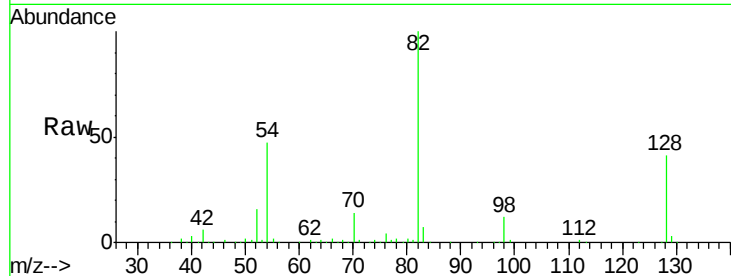




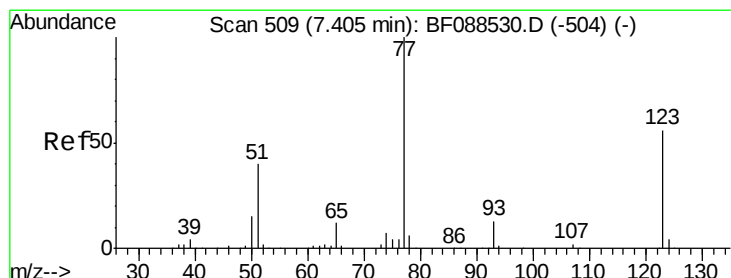
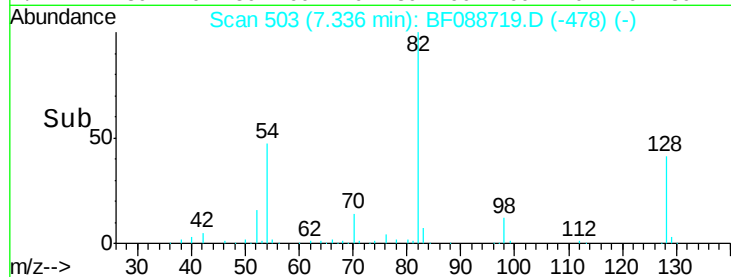
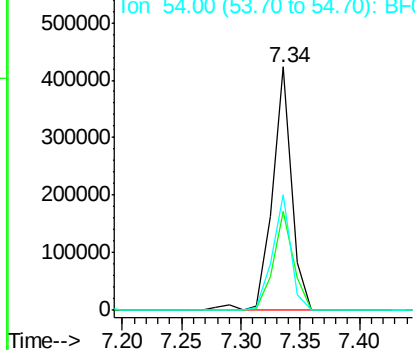
#23
 Nitrobenzene-d5
 Concen: 63.51 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion: 82 Resp: 474706
 Ion Ratio Lower Upper
 82 100
 128 40.8 35.9 53.9
 54 47.4 40.9 61.3

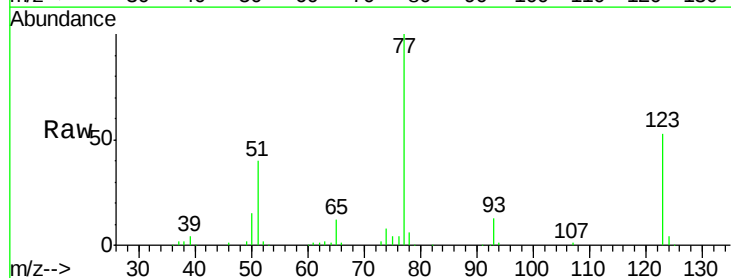


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

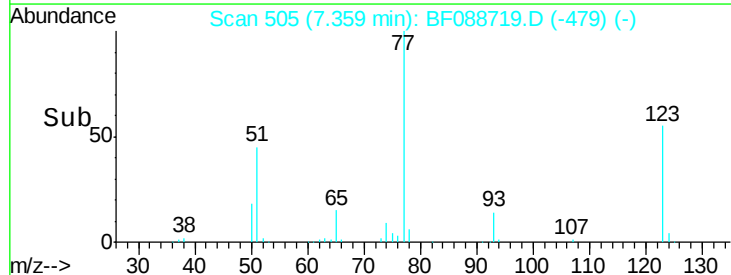
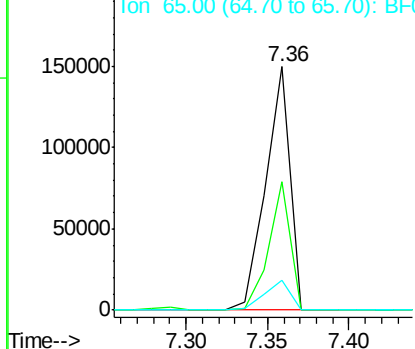


#24
 Nitrobenzene
 Concen: 20.60 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion: 77 Resp: 155251
 Ion Ratio Lower Upper
 77 100
 123 53.0 45.0 67.4
 65 12.3 10.2 15.2



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





#25

Isophorone

Concen: 20.87 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

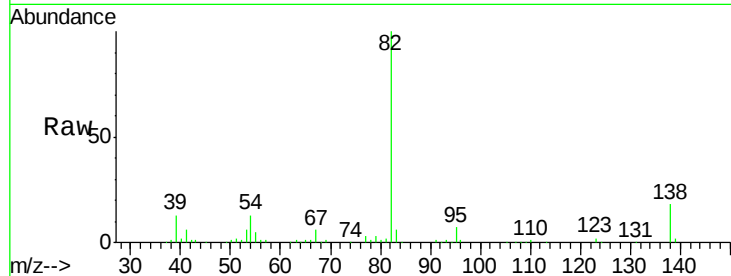
Tgt Ion: 82 Resp: 288992

Ion Ratio Lower Upper

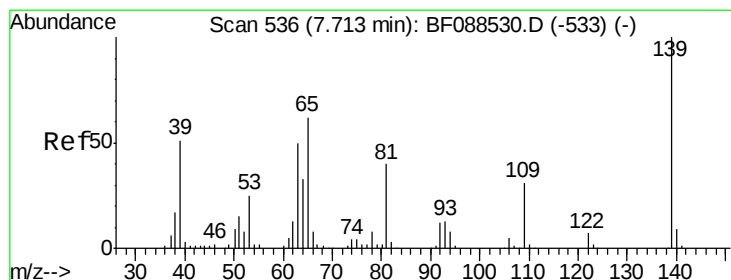
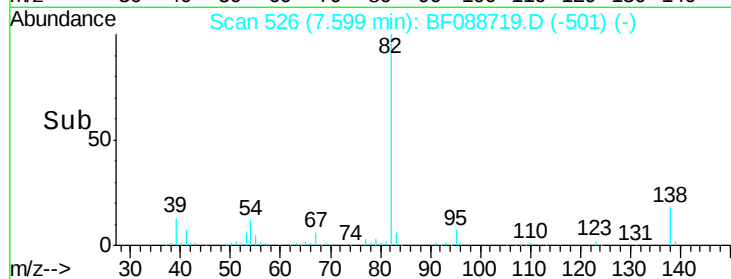
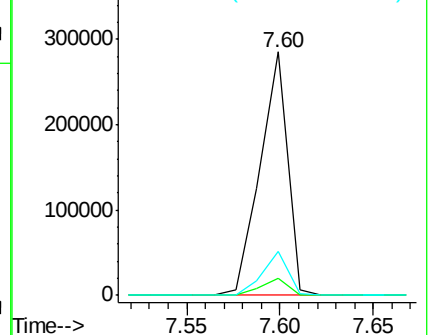
82 100

95 7.3 5.4 8.2

138 17.8 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: 21.72 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088719.D

Acq: 5 Jul 2016 23:08

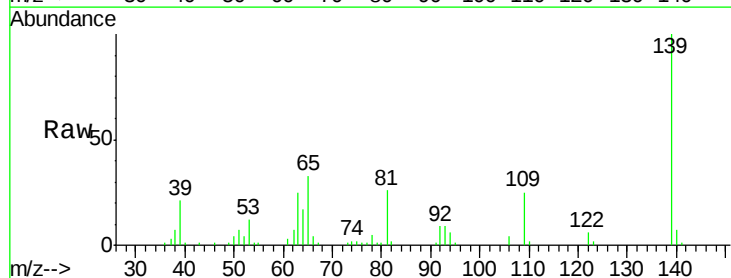
Tgt Ion: 139 Resp: 67117

Ion Ratio Lower Upper

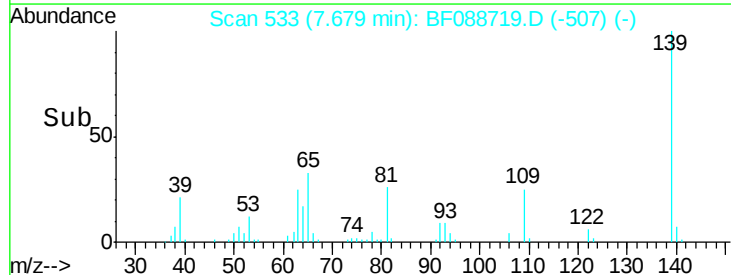
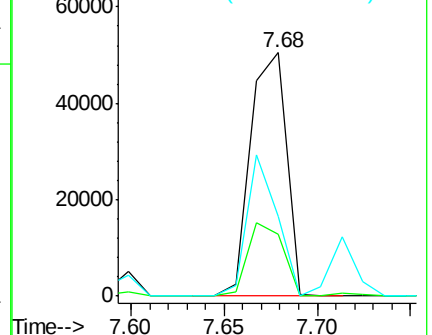
139 100

109 25.3 23.0 34.4

65 32.7 45.8 68.8#



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

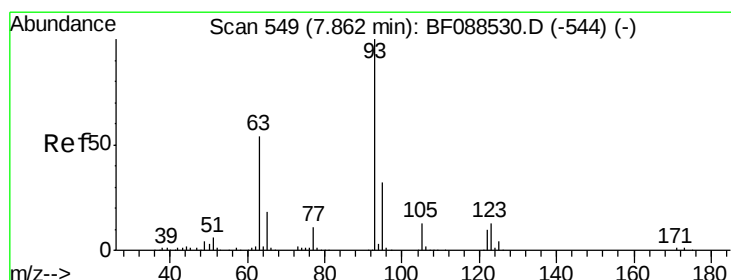
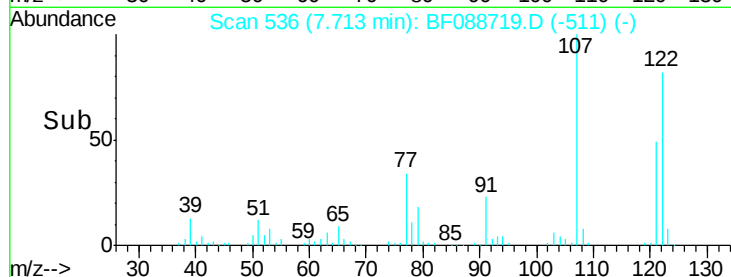
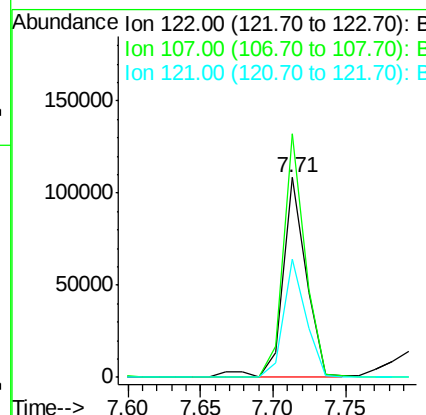
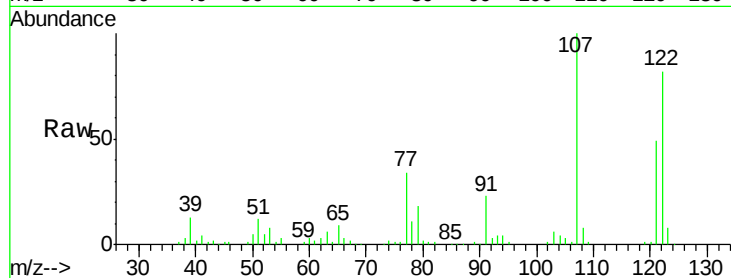




#27
 2,4-Dimethylphenol
 Concen: 18.82 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

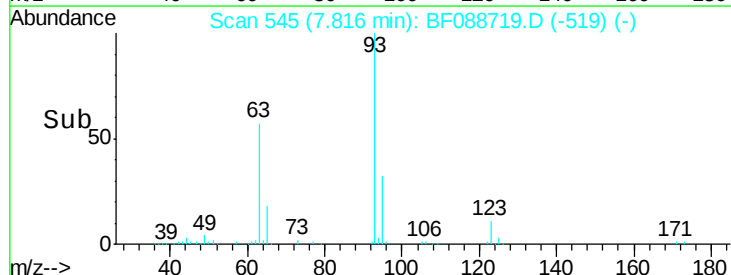
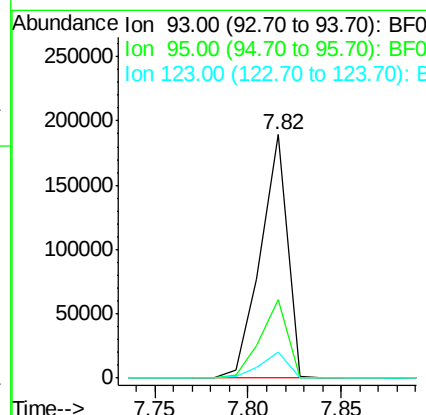
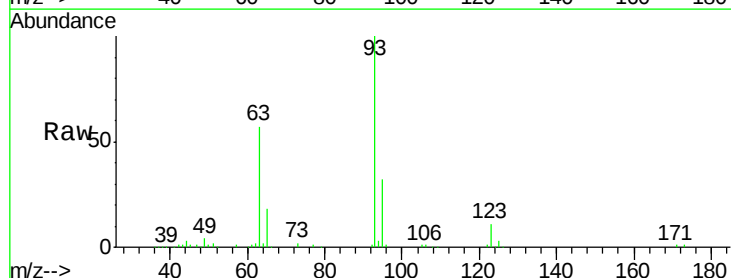
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion: 122 Resp: 121108
 Ion Ratio Lower Upper
 122 100
 107 121.8 82.4 123.6
 121 59.3 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.89 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF088719.D
 Acq: 5 Jul 2016 23:08

Tgt Ion: 93 Resp: 188213
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.6 11.6 17.4#

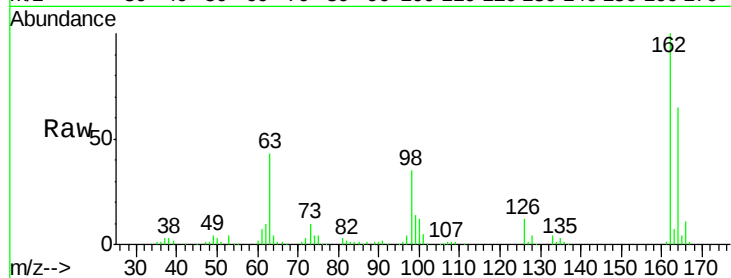




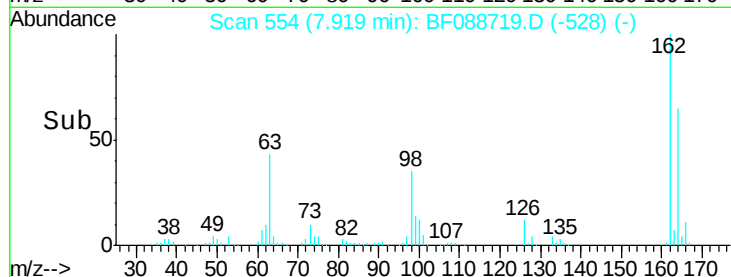
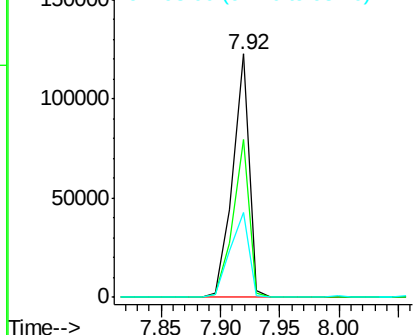
#29
2,4-Dichlorophenol
Concen: 22.95 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:162 Resp: 119382
Ion Ratio Lower Upper
162 100
164 64.8 43.8 83.8
98 34.7 21.3 61.3

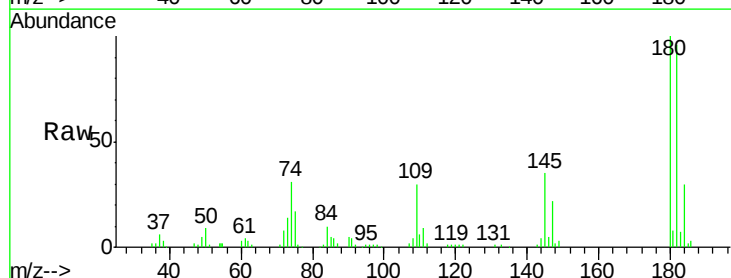


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

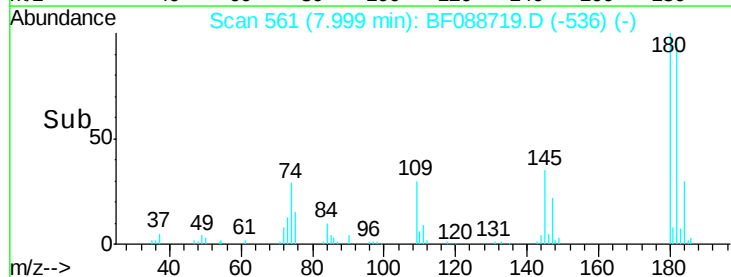
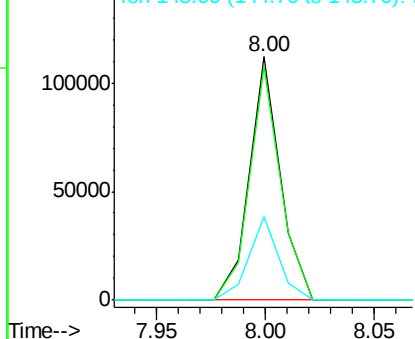


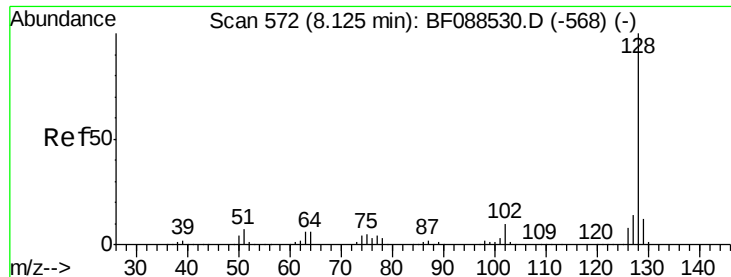
#30
1,2,4-Trichlorobenzene
Concen: 19.40 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion:180 Resp: 110743
Ion Ratio Lower Upper
180 100
182 95.8 76.0 114.0
145 34.5 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

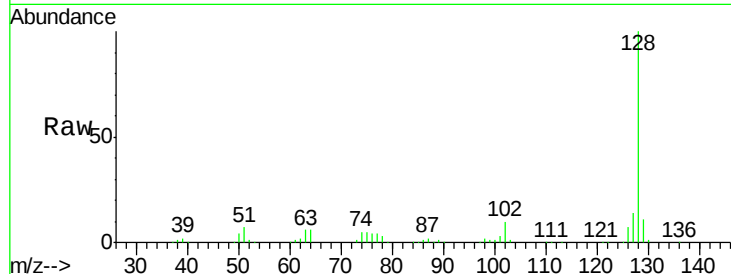




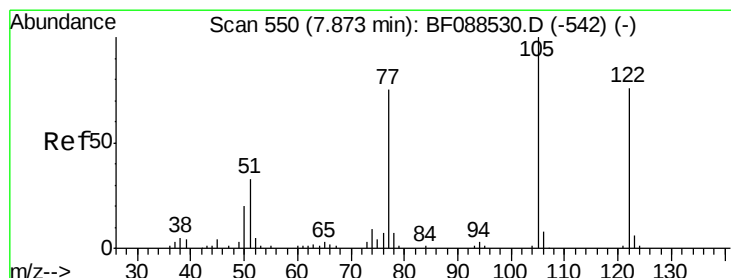
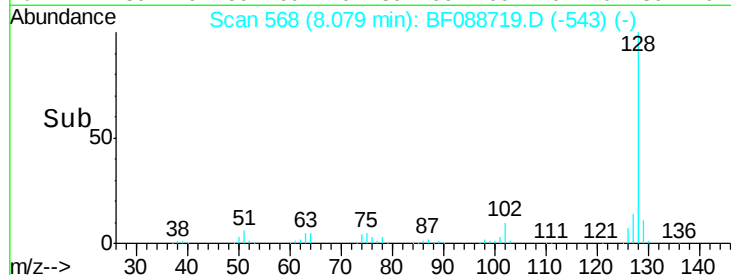
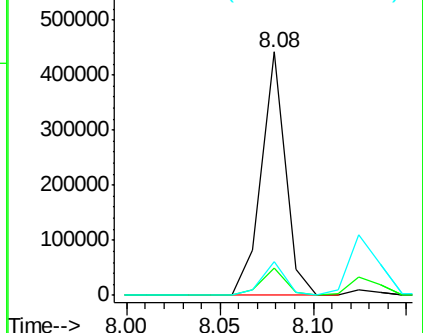
#31
Naphthalene
Concen: 20.35 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:128 Resp: 392905
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.6 10.9 16.3

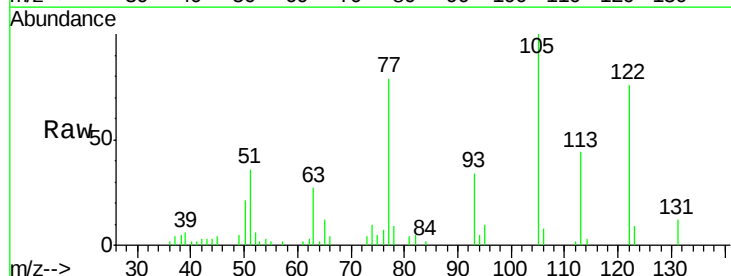


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

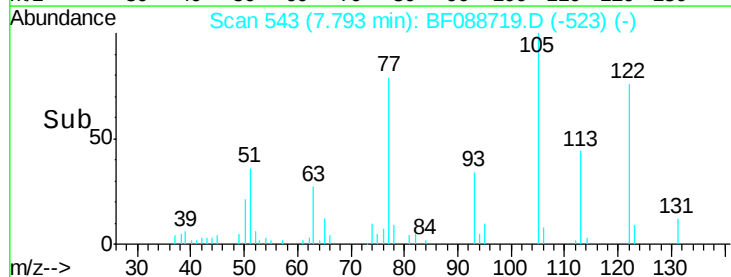
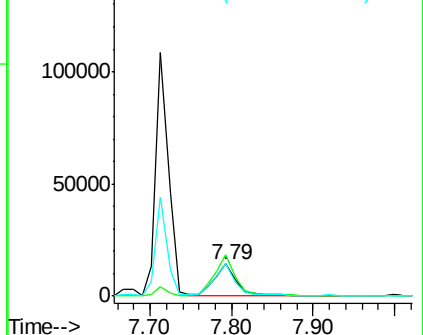


#32
Benzoic acid
Concen: 6.07 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion:122 Resp: 28369
Ion Ratio Lower Upper
122 100
105 130.8 101.6 141.6
77 102.9 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

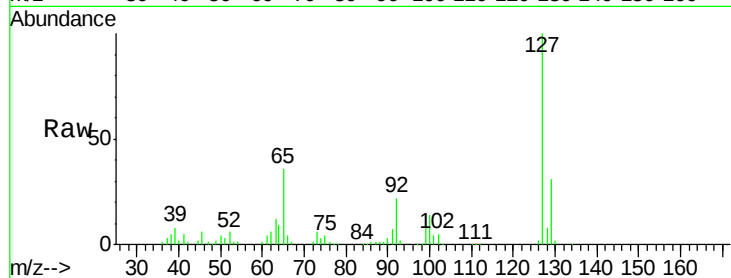




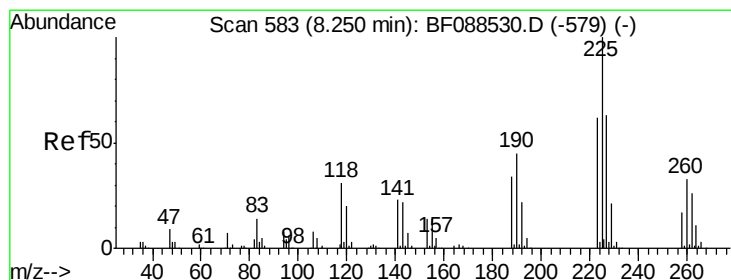
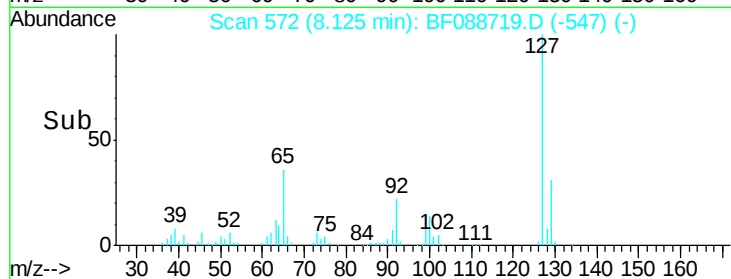
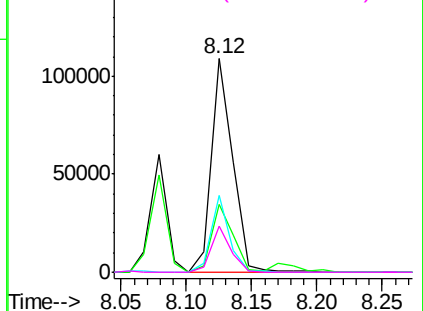
#33
4-Chloroaniline
Concen: 14.53 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:	127	Resp:	124823
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	36.1	24.7	37.1
92	21.9	15.4	23.0

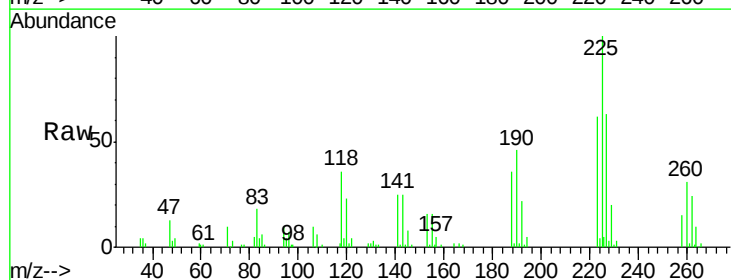


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 21.00 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088719.D
Acq: 5 Jul 2016 23:08

Tgt Ion:	225	Resp:	64177
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	63.5	51.9	77.9



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

