

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088718.D
 Acq On : 5 Jul 2016 22:38
 Operator : UM/SJ
 Sample : H3871-11MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 06 01:39:14 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	99245	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	401875	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	193232	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	364434	20.00	ng	0.00
75) Chrysene-d12	13.91	240	258925	20.00	ng	-0.01
86) Perylene-d12	15.29	264	192758	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	625765	94.50	ng	0.01
7) Phenol-d6	6.41	99	735049	85.90	ng	0.00
23) Nitrobenzene-d5	7.34	82	490824	64.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	177135	98.72	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	906928	74.14	ng	0.00
78) Terphenyl-d14	12.87	244	711313	61.19	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	64478	19.64	ng	# 31
3) Pyridine	3.07	79	119779	12.57	ng	91
4) n-Nitrosodimethylamine	3.00	42	55710	15.31	ng	89
6) Aniline	6.43	93	164737	13.21	ng	96
8) 2-Chlorophenol	6.56	128	143611	20.18	ng	90
9) Benzaldehyde	6.32	77	87471	15.09	ng	99
10) Phenol	6.42	94	167460	17.15	ng	# 67
11) bis(2-Chloroethyl)ether	6.51	93	142933	19.63	ng	89
12) 1,3-Dichlorobenzene	6.71	146	132613	16.93	ng	# 92
13) 1,4-Dichlorobenzene	6.79	146	135246	17.40	ng	94
14) 1,2-Dichlorobenzene	6.95	146	134749	18.52	ng	96
15) Benzyl Alcohol	6.91	79	127968	20.32	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	171186	16.23	ng	90
17) 2-Methylphenol	7.03	107	112616	19.40	ng	96
18) Hexachloroethane	7.29	117	54909	18.26	ng	97
19) n-Nitroso-di-n-propylamine	7.19	70	99565	17.32	ng	92
20) 3+4-Methylphenols	7.19	107	148640	21.33	ng	# 84
22) Acetophenone	7.19	105	200754	20.58	ng	# 90
24) Nitrobenzene	7.36	77	162316	20.99	ng	94
25) Isophorone	7.60	82	292527	20.59	ng	99
26) 2-Nitrophenol	7.68	139	70962	22.38	ng	# 77
27) 2,4-Dimethylphenol	7.71	122	123373	18.68	ng	89
28) bis(2-Chloroethoxy)methane	7.82	93	194495	21.04	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	118602	22.22	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	113991	19.46	ng	99
31) Naphthalene	8.08	128	408984	20.64	ng	99
32) Benzoic acid	7.79	122	29654	6.18	ng	90
33) 4-Chloroaniline	8.12	127	130761	14.83	ng	95
34) Hexachlorobutadiene	8.20	225	66028	21.05	ng	98
35) Caprolactam	8.48	113	17224	9.50	ng	# 79
36) 4-Chloro-3-methylphenol	8.62	107	136366	21.61	ng	96
37) 2-Methylnaphthalene	8.76	142	261671	20.51	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	111437	17.34	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	128460	40.72	ng	99

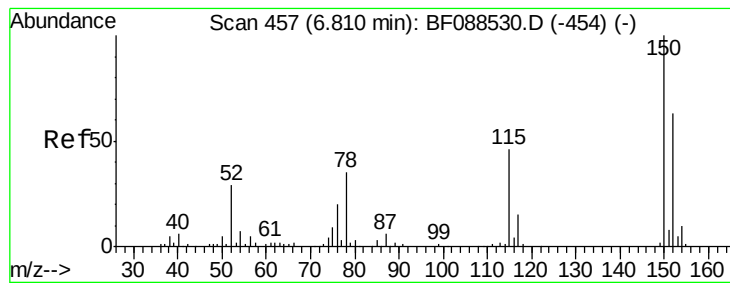
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	86026	20.30	ng	99
43) 2,4,5-Trichlorophenol	9.08	196	90228	24.75	ng #	92
45) 1,1'-Biphenyl	9.23	154	341123	21.32	ng	99
46) 2-Chloronaphthalene	9.26	162	263747	21.00	ng	99
47) 2-Nitroaniline	9.35	65	86002	19.29	ng	97
48) Acenaphthylene	9.67	152	409487	20.49	ng	99
49) Dimethylphthalate	9.54	163	418890	30.43	ng	97
50) 2,6-Dinitrotoluene	9.60	165	67626	22.16	ng	95
51) Acenaphthene	9.84	154	259904	21.21	ng	98
52) 3-Nitroaniline	9.76	138	71566	18.45	ng	99
53) 2,4-Dinitrophenol	9.86	184	33005	24.50	ng	90
54) Dibenzofuran	10.01	168	356133	22.21	ng #	89
55) 4-Nitrophenol	9.93	139	163313	55.41	ng #	69
56) 2,4-Dinitrotoluene	10.00	165	89060	22.33	ng	94
57) Fluorene	10.35	166	292218	23.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	60863	21.58	ng #	49
59) Diethylphthalate	10.24	149	321676	23.28	ng	98
60) 4-Chlorophenyl-phenylether	10.35	204	128751	22.42	ng	89
61) 4-Nitroaniline	10.36	138	63584	17.04	ng	85
62) Azobenzene	10.50	77	347295	22.04	ng	90
64) 4,6-Dinitro-2-methylphenol	10.40	198	26297	13.49	ng #	81
65) n-Nitrosodiphenylamine	10.47	169	265500	21.53	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	77157	21.01	ng #	78
67) Hexachlorobenzene	10.90	284	88057	21.66	ng #	82
68) Atrazine	10.99	200	73916	19.23	ng	91
69) Pentachlorophenol	11.10	266	103521	43.03	ng	98
70) Phenanthrene	11.31	178	411933	20.68	ng	98
71) Anthracene	11.36	178	425474	21.48	ng	98
72) Carbazole	11.52	167	374468	20.09	ng	97
73) Di-n-butylphthalate	11.85	149	450177	20.76	ng	99
74) Fluoranthene	12.49	202	440992	21.84	ng	97
76) Benzydine	12.62	184	295890	22.61	ng	98
77) Pyrene	12.72	202	431074	19.64	ng	98
79) Butylbenzylphthalate	13.35	149	191491	19.55	ng	96
80) Benzo(a)anthracene	13.90	228	326957	19.61	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	92770	14.80	ng #	96
82) Chrysene	13.93	228	288481	17.49	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	255680	22.87	ng #	99
84) Di-n-octyl phthalate	14.51	149	386151	20.33	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	245642	19.36	ng #	100
87) Benzo(b)fluoranthene	14.90	252	474570	39.25	ng #	96
88) Benzo(k)fluoranthene	14.90	252	474570	45.08	ng	99
89) Benzo(a)pyrene	15.23	252	215677	21.07	ng	99
90) Dibenzo(a,h)anthracene	16.64	278	206854	24.20	ng	96
91) Benzo(g,h,i)perylene	17.02	276	210842	23.83	ng	98

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

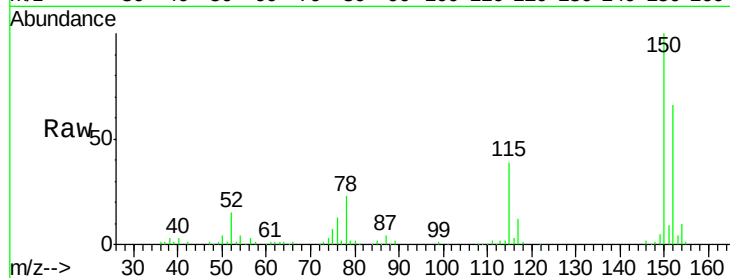


#1

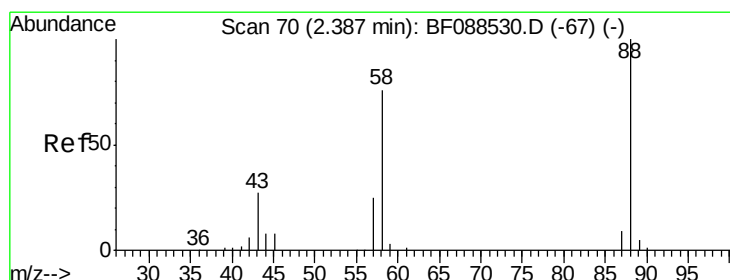
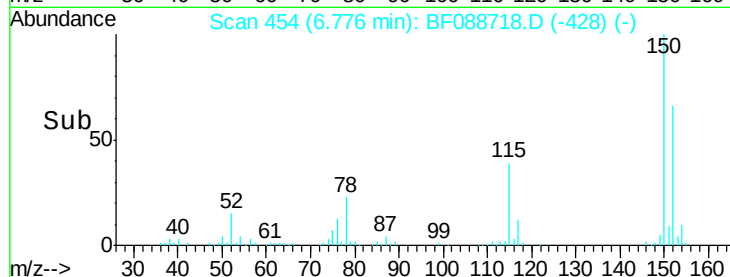
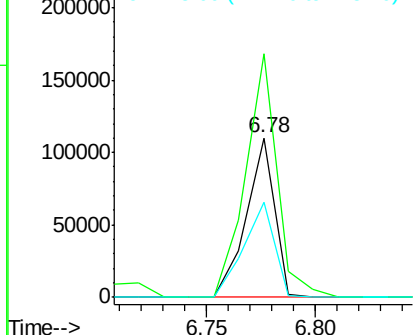
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:152 Resp: 99245
Ion Ratio Lower Upper
152 100
150 152.6 123.8 185.6
115 59.7 39.6 59.4#



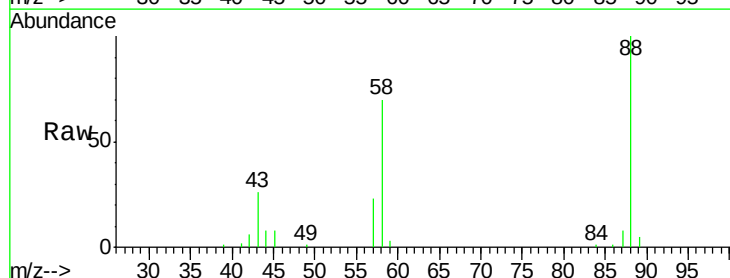
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



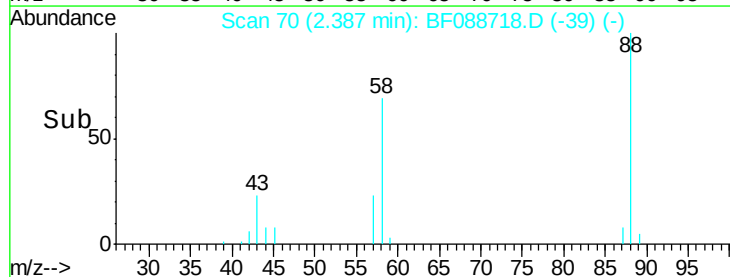
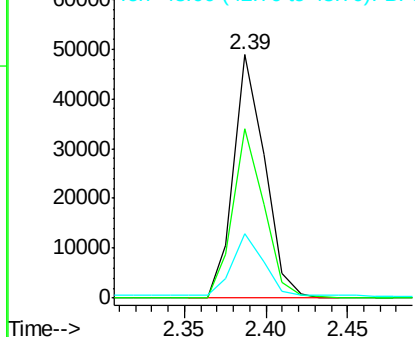
#2

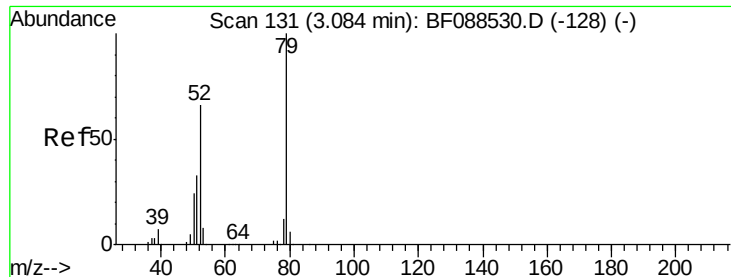
1,4-Dioxane
Concen: 19.64 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion: 88 Resp: 64478
Ion Ratio Lower Upper
88 100
58 69.9 0.0 0.0#
43 27.0 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: 12.57 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.07 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

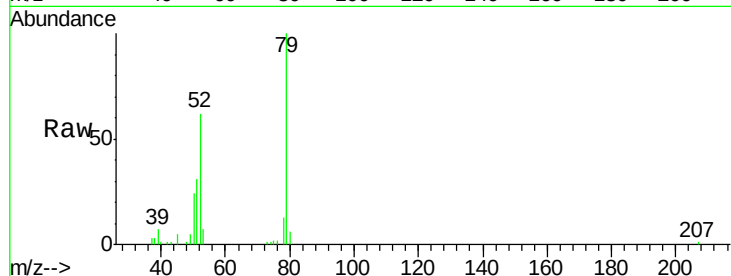
Tgt Ion: 79 Resp: 119779

Ion Ratio Lower Upper

79 100

52 62.1 56.3 84.5

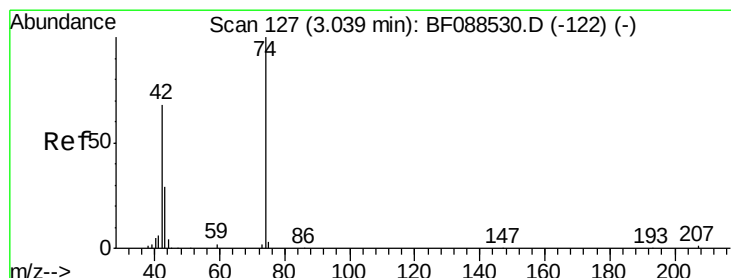
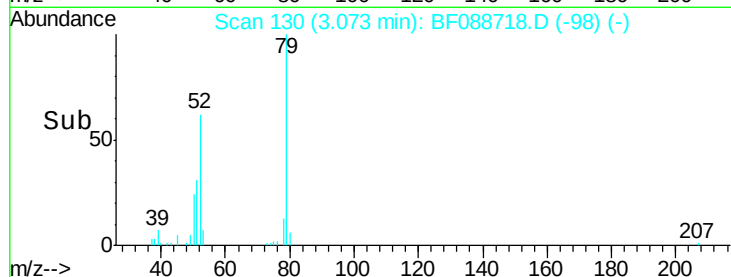
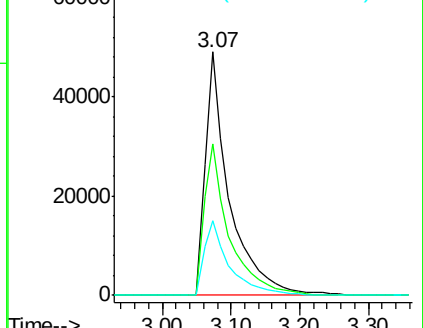
51 30.6 27.4 41.2



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: 15.31 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.03 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

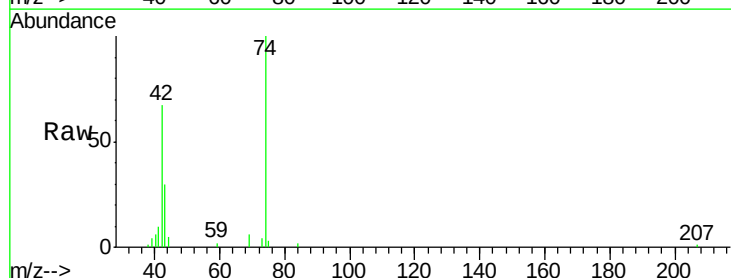
Tgt Ion: 42 Resp: 55710

Ion Ratio Lower Upper

42 100

74 149.1 108.6 163.0

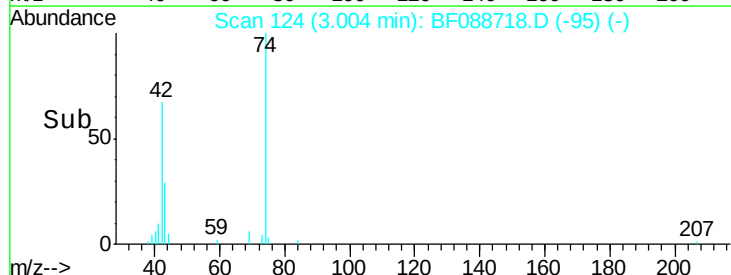
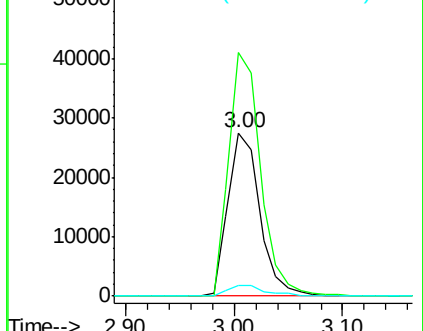
44 6.9 5.5 8.3

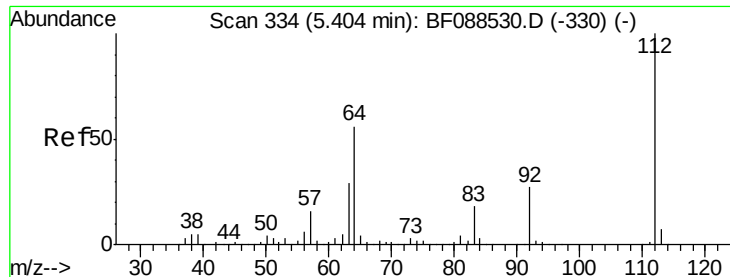


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 94.50 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

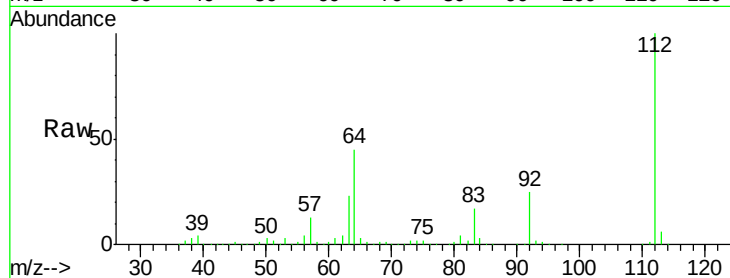
Tgt Ion: 112 Resp: 625765

Ion Ratio Lower Upper

112 100

64 45.1 42.2 63.2

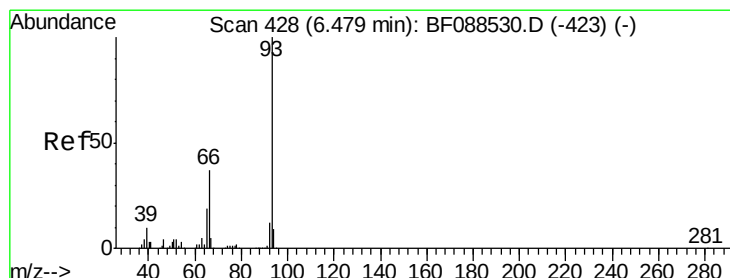
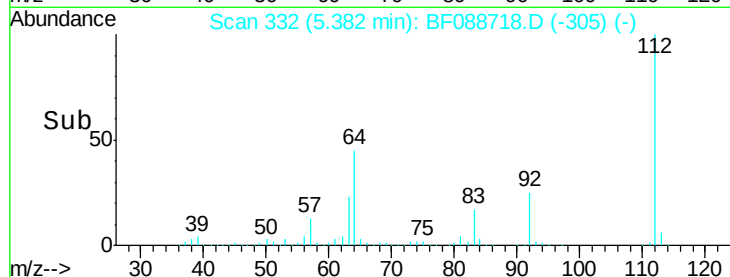
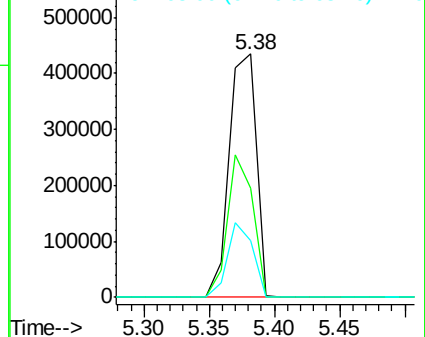
63 23.3 21.8 32.8



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: 13.21 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

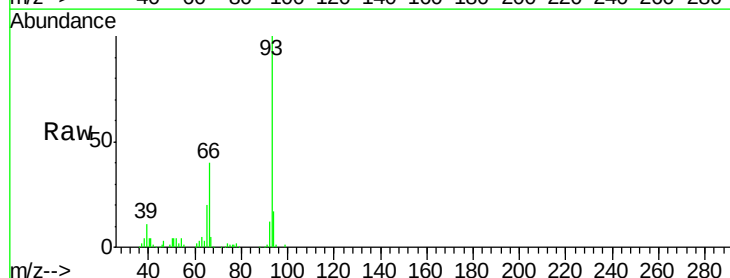
Tgt Ion: 93 Resp: 164737

Ion Ratio Lower Upper

93 100

66 39.8 29.8 44.8

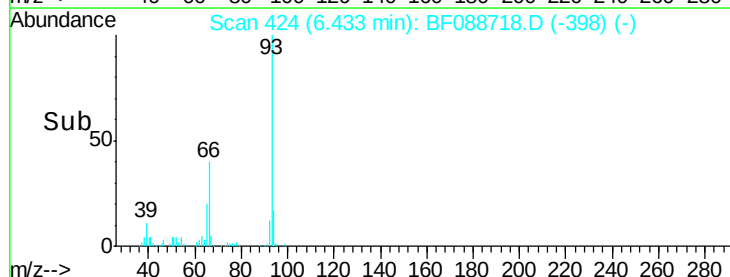
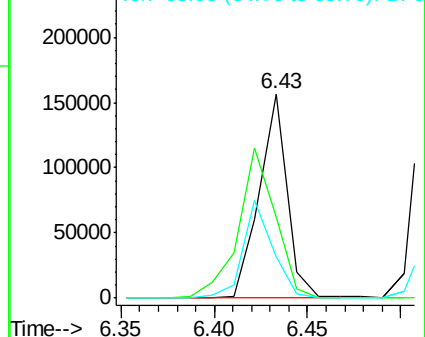
65 20.2 14.9 22.3

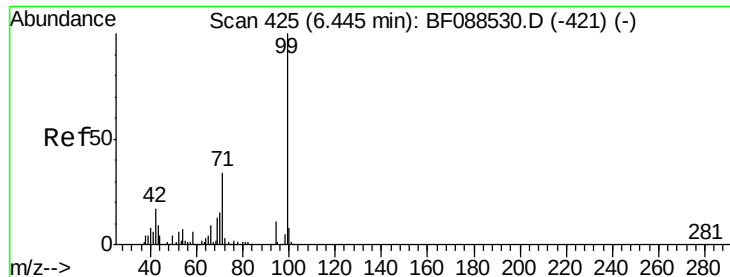


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.90 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

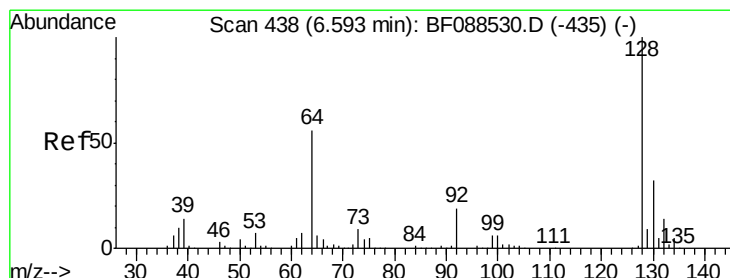
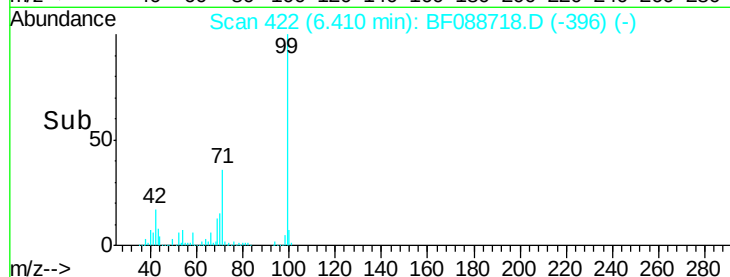
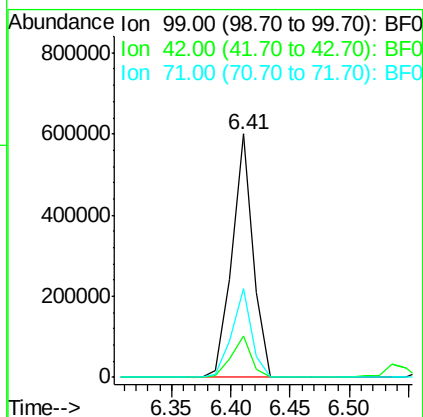
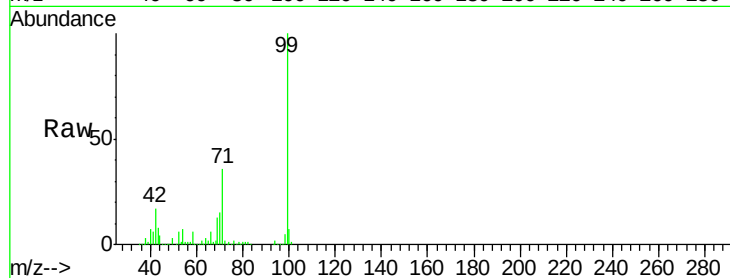
Tgt Ion: 99 Resp: 735049

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

71 36.5 23.4 35.0#



#8

2-Chlorophenol

Concen: 20.18 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

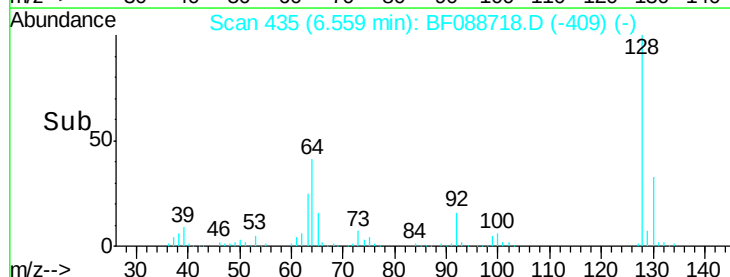
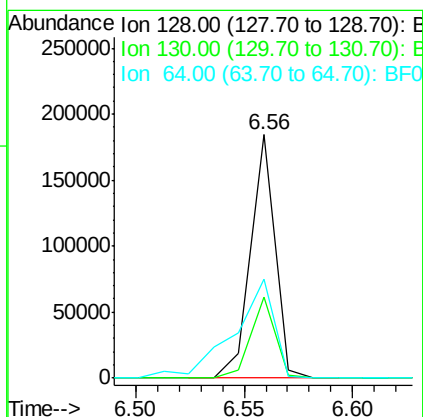
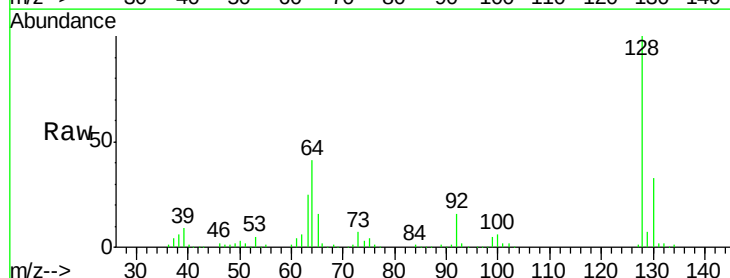
Tgt Ion: 128 Resp: 143611

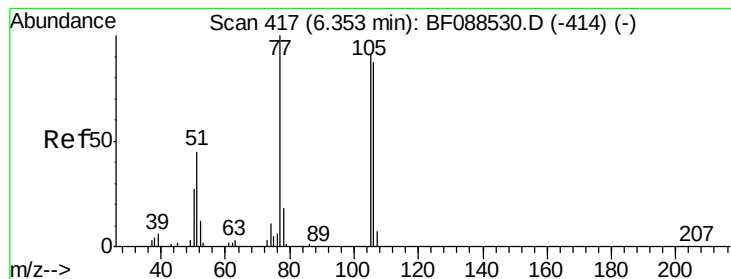
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 40.9 30.8 70.8





#9

Benzaldehyde

Concen: 15.09 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

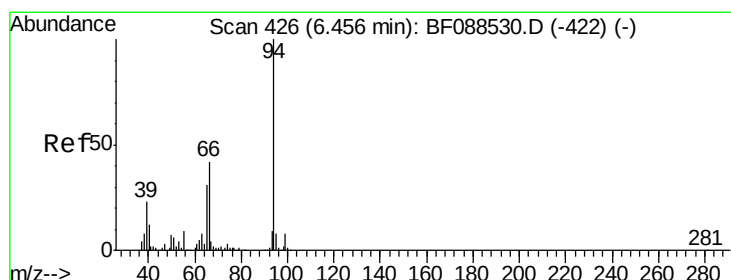
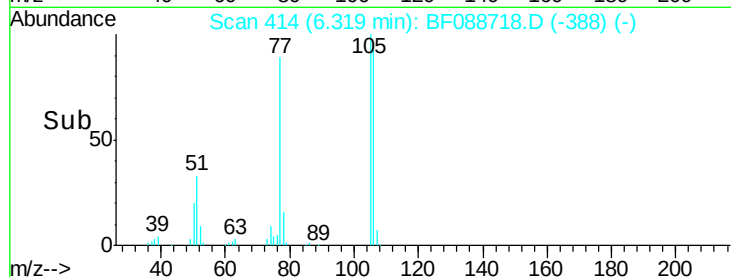
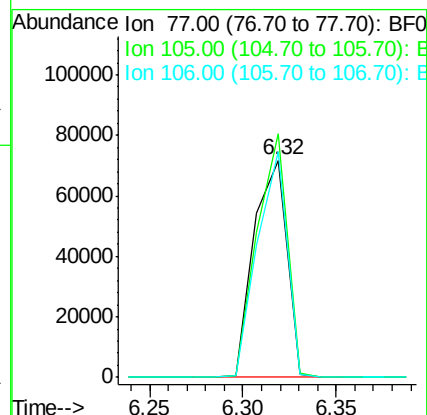
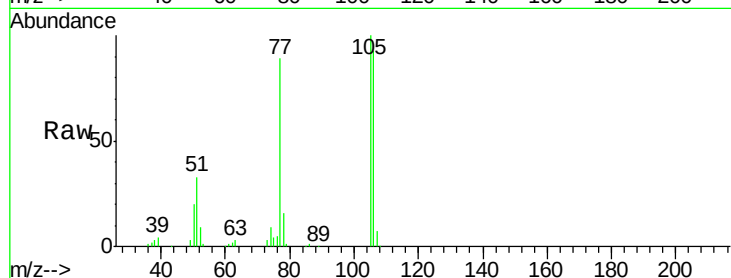
Tgt Ion: 77 Resp: 87471

Ion Ratio Lower Upper

77 100

105 112.1 90.6 130.6

106 103.7 85.3 125.3



#10

Phenol

Concen: 17.15 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

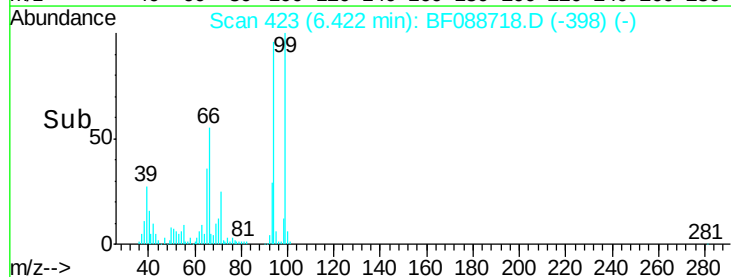
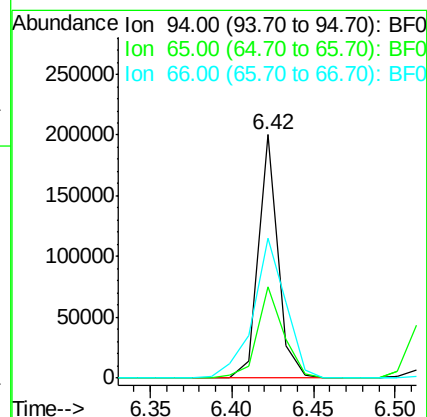
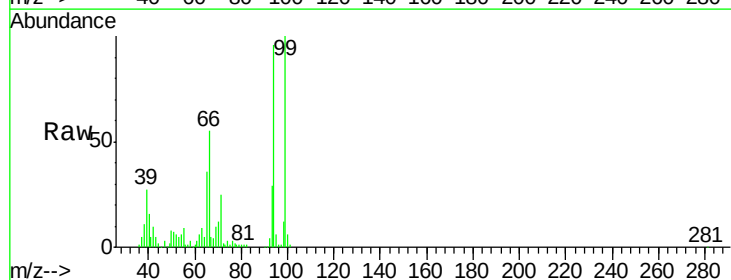
Tgt Ion: 94 Resp: 167460

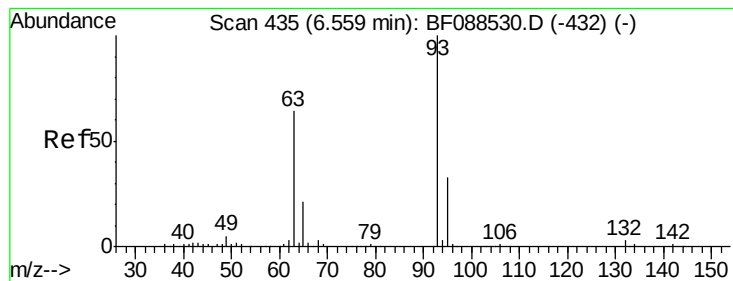
Ion Ratio Lower Upper

94 100

65 37.6 5.9 45.9

66 57.5 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 19.63 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

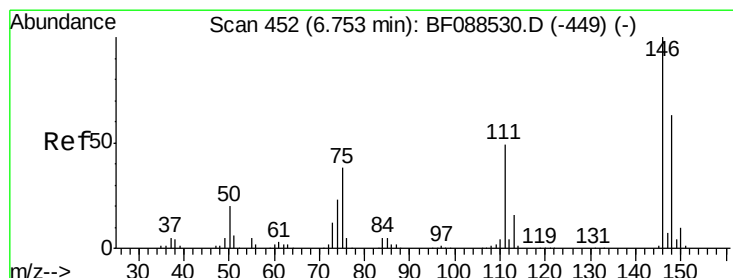
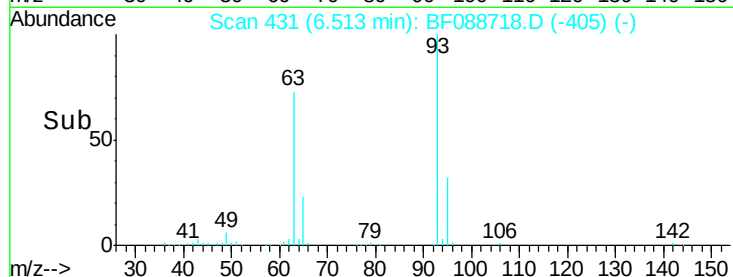
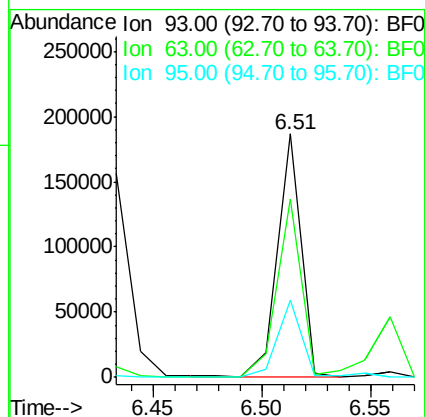
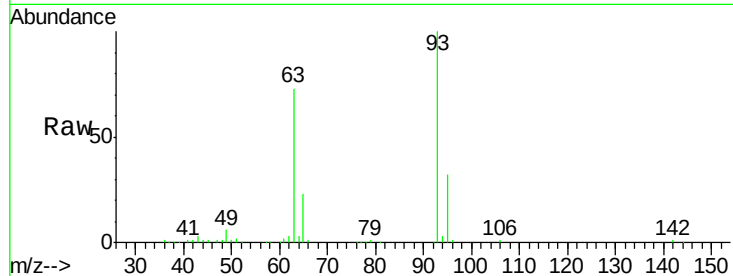
Tgt Ion: 93 Resp: 142933

Ion Ratio Lower Upper

93 100

63 73.5 67.6 107.6

95 31.9 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 16.93 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

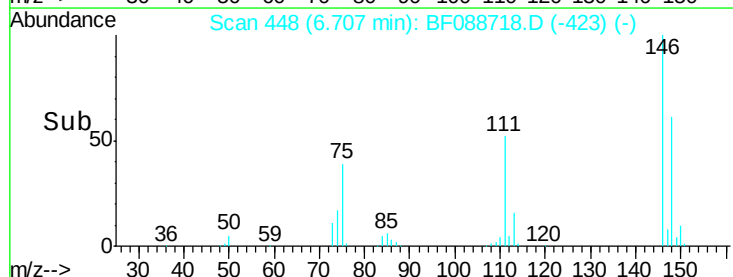
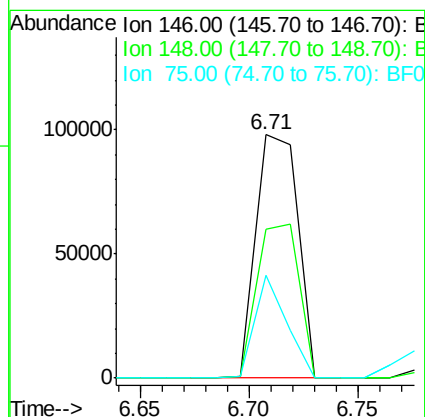
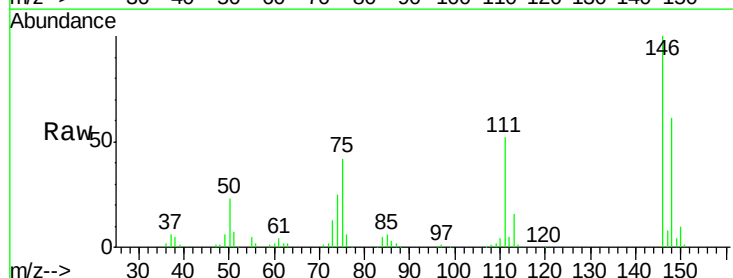
Tgt Ion: 146 Resp: 132613

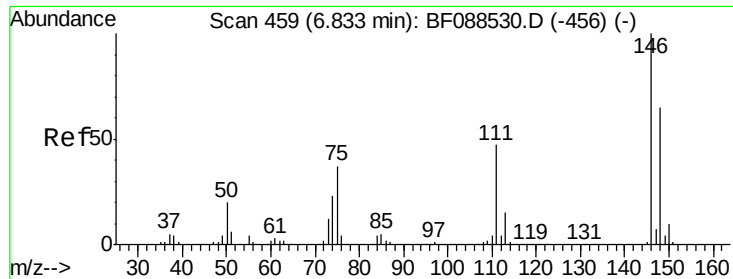
Ion Ratio Lower Upper

146 100

148 61.2 50.9 76.3

75 42.5 25.6 38.4#

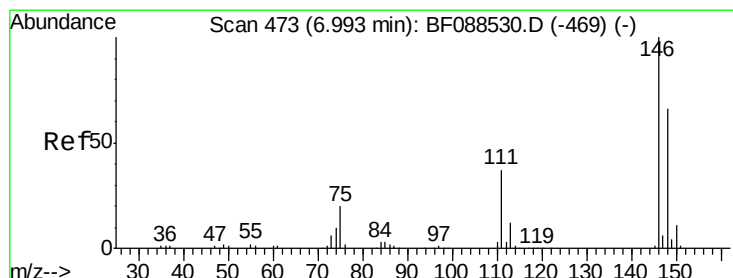
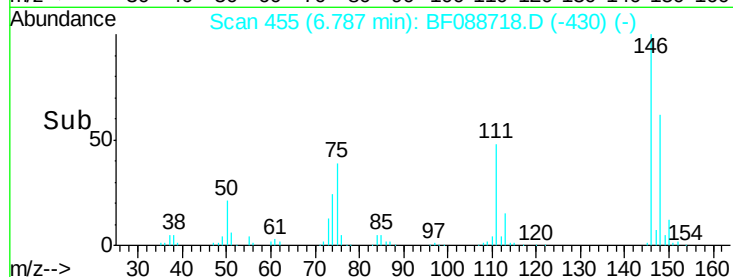
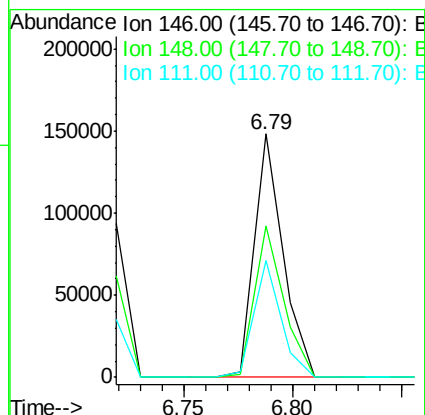
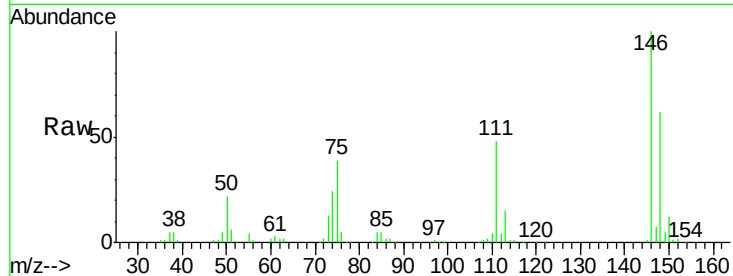




#13
 1,4-Dichlorobenzene
 Concen: 17.40 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

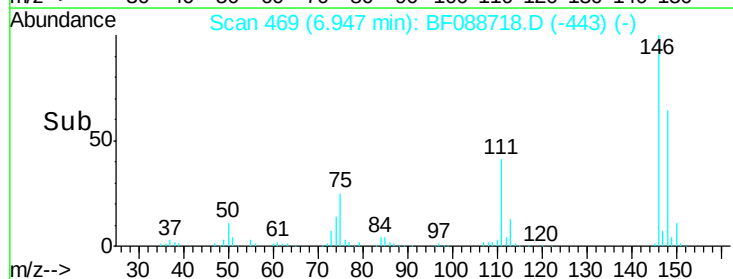
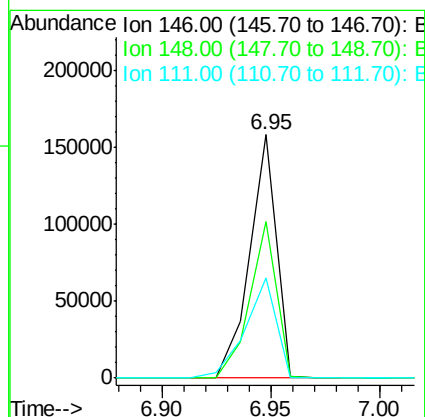
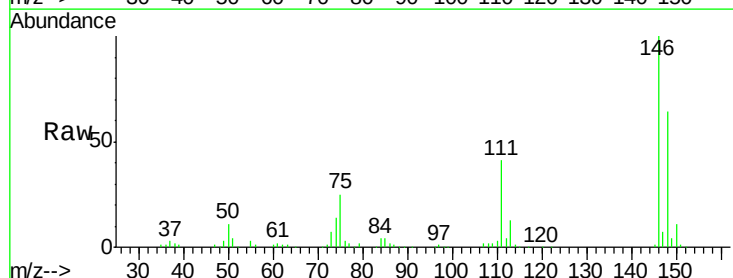
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

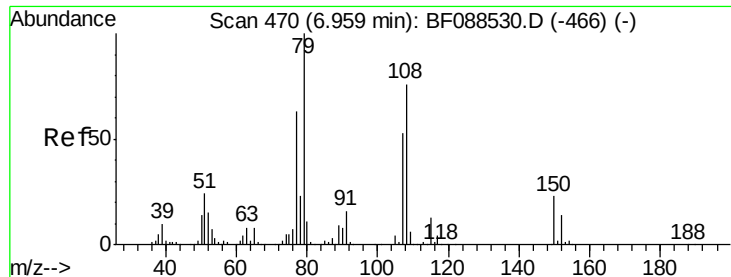
Tgt Ion:146 Resp: 135246
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.0 78.0
 111 48.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 18.52 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:146 Resp: 134749
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 41.1 28.7 43.1





#15

Benzyl Alcohol

Concen: 20.32 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

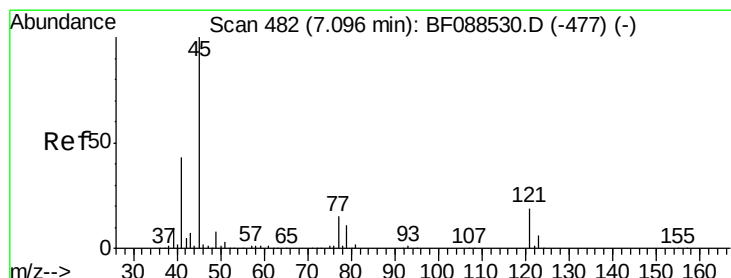
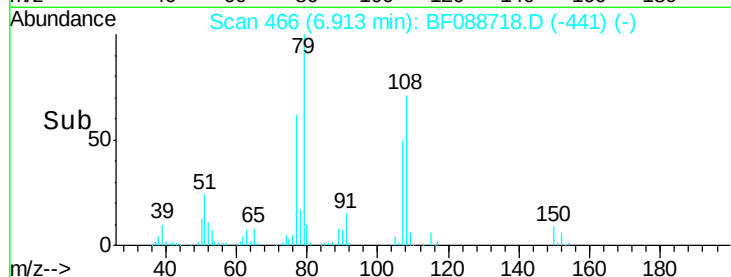
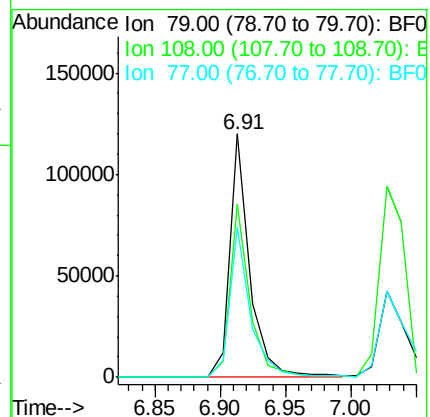
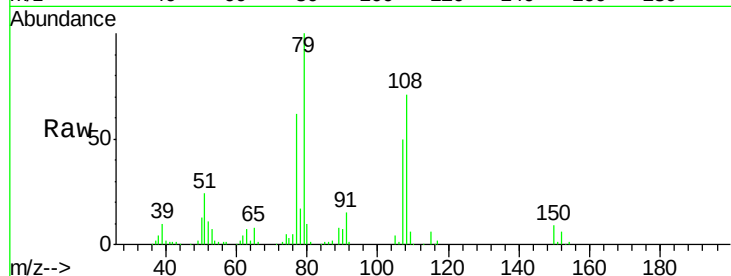
Tgt Ion: 79 Resp: 127968

Ion Ratio Lower Upper

79 100

108 71.2 65.0 97.6

77 61.7 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.23 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

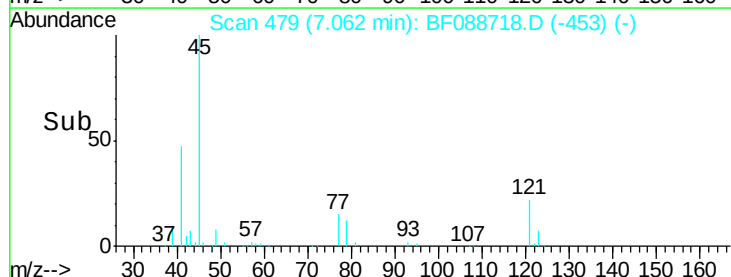
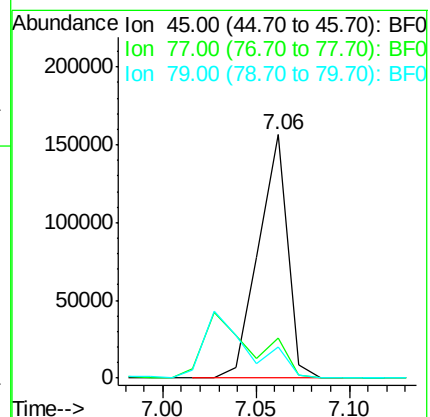
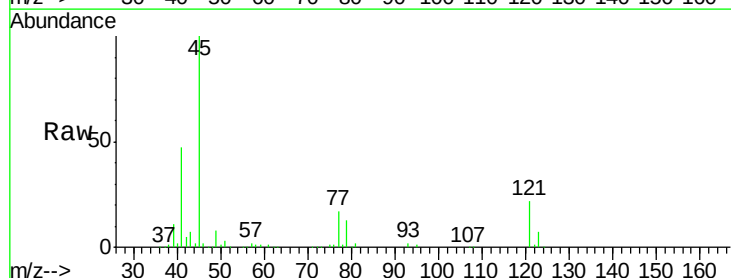
Tgt Ion: 45 Resp: 171186

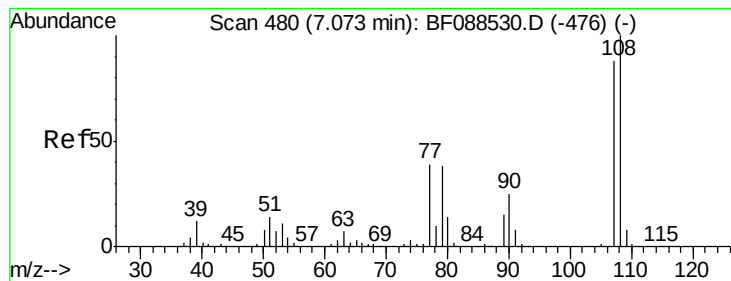
Ion Ratio Lower Upper

45 100

77 16.5 0.0 32.5

79 12.8 0.0 29.5

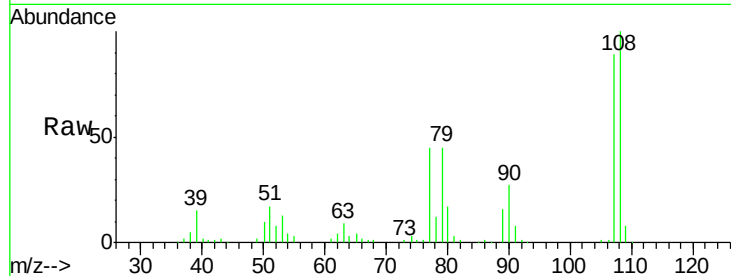




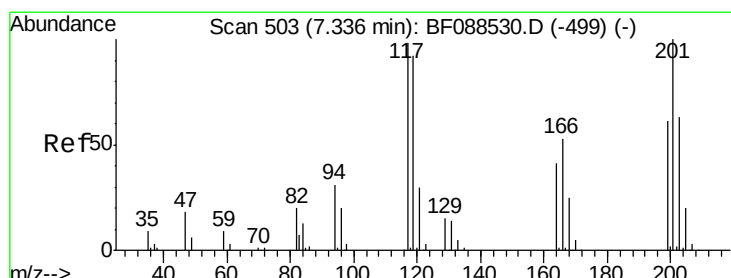
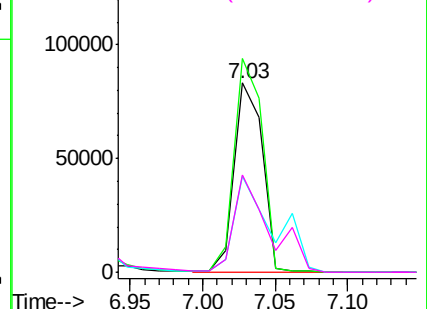
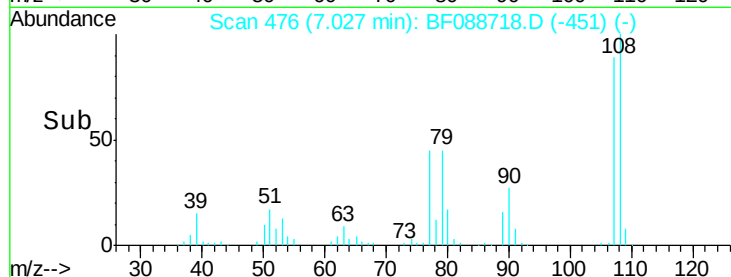
#17
2-Methylphenol
Concen: 19.40 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:107 Resp: 112616
Ion Ratio Lower Upper
107 100
108 112.8 90.9 136.3
77 50.8 36.6 55.0
79 51.3 36.5 54.7

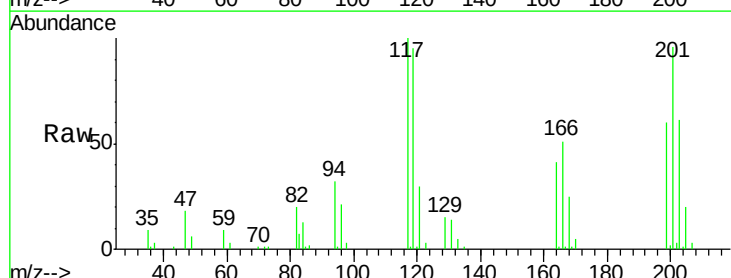


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

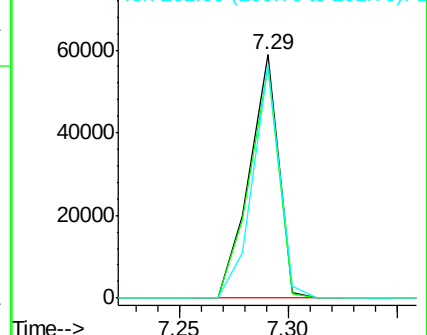
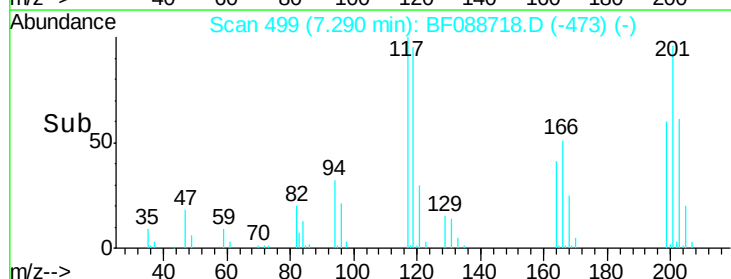


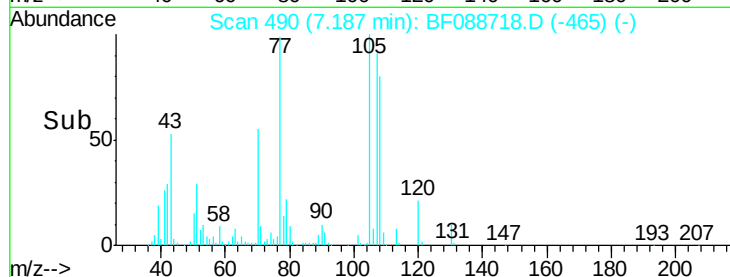
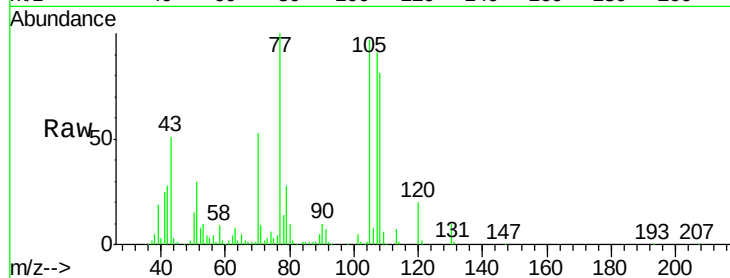
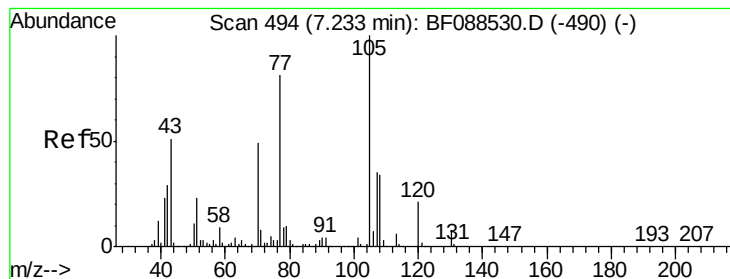
#18
Hexachloroethane
Concen: 18.26 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:117 Resp: 54909
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.2
201 95.7 80.4 120.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.32 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

Tgt Ion: 70 Resp: 99565

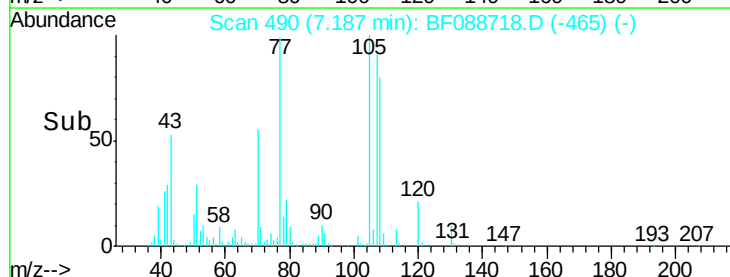
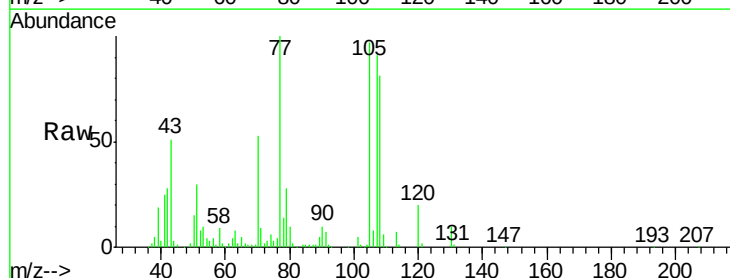
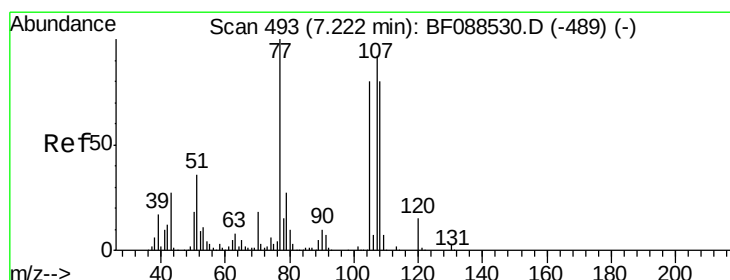
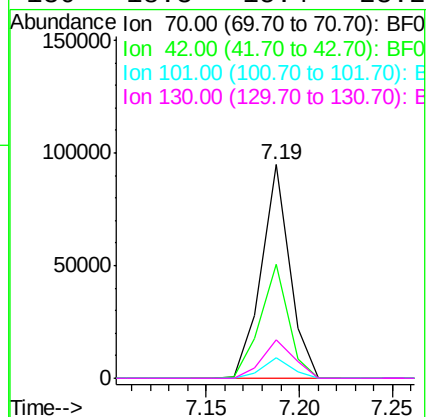
Ion Ratio Lower Upper

70 100

42 53.6 49.6 74.4

101 9.3 7.1 10.7

130 18.3 15.4 23.2



#20

3+4-Methylphenols

Concen: 21.33 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Tgt Ion: 107 Resp: 148640

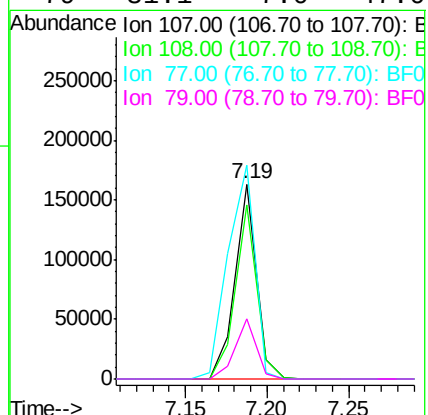
Ion Ratio Lower Upper

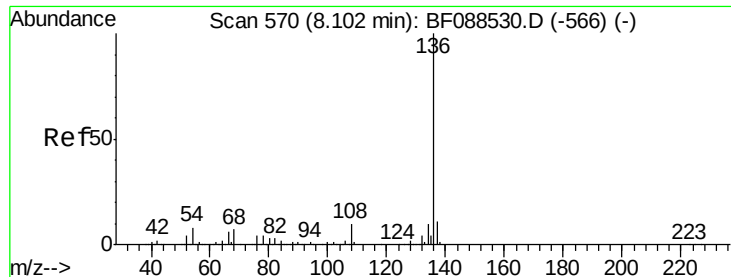
107 100

108 89.3 67.8 107.8

77 109.7 59.3 99.3#

79 31.1 7.0 47.0

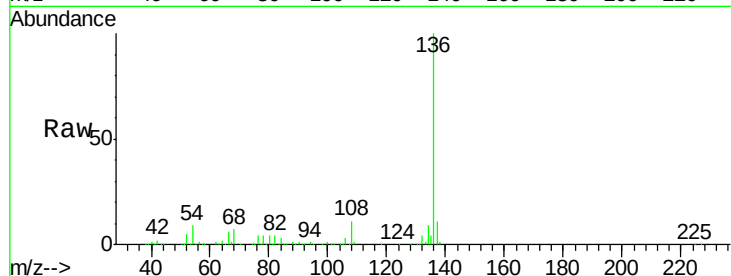




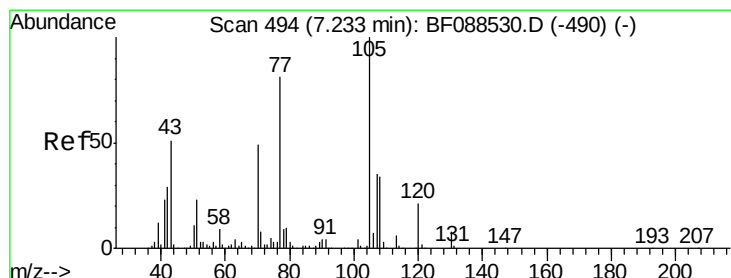
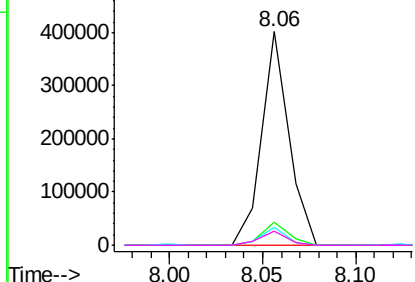
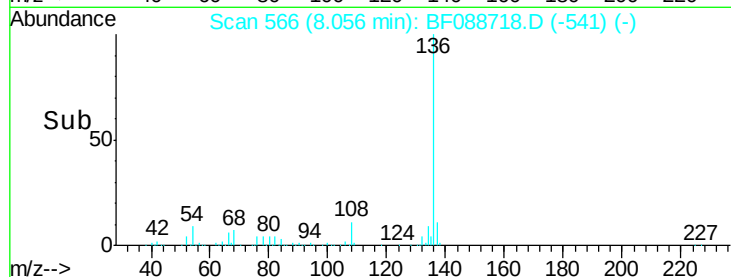
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:	136	Resp:	401875
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.5	6.6	10.0
68	6.9	5.1	7.7

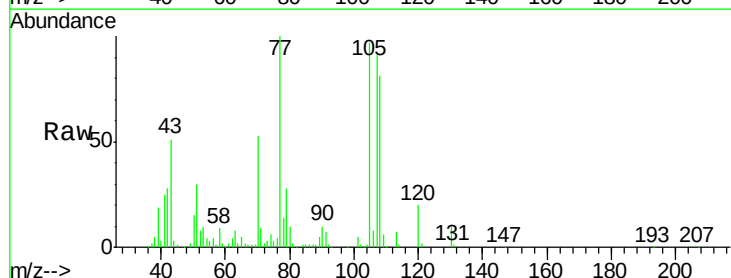


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

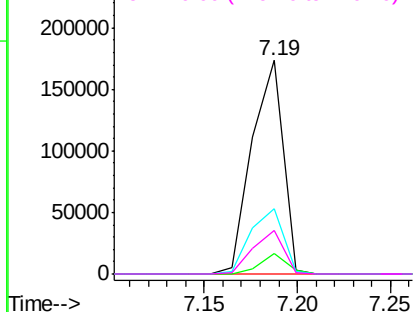
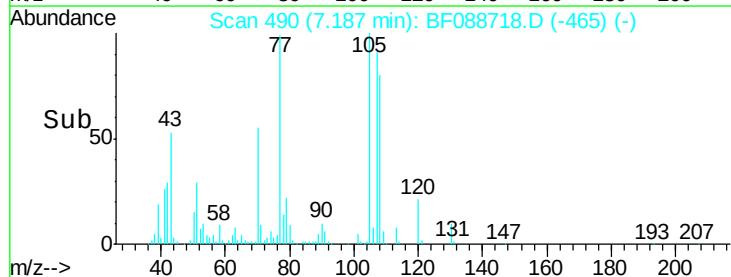


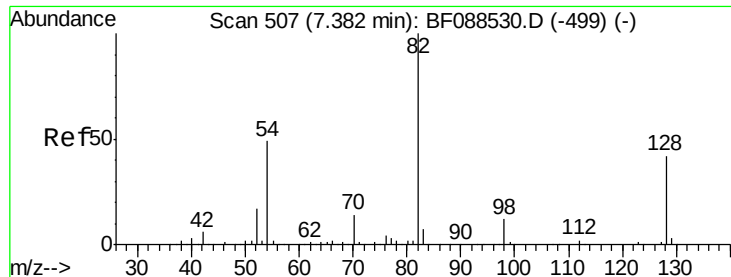
#22
Acetophenone
Concen: 20.58 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:	105	Resp:	200754
Ion	Ratio	Lower	Upper
105	100		
71	9.4	5.3	7.9#
51	30.7	18.2	27.4#
120	20.6	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

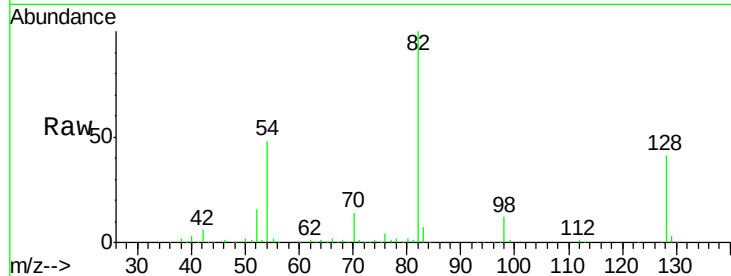




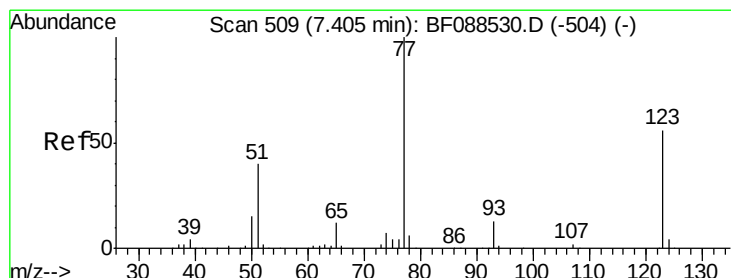
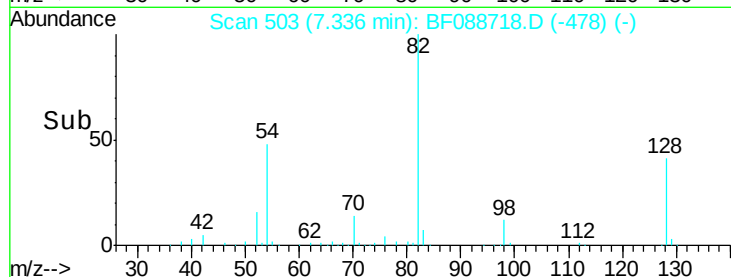
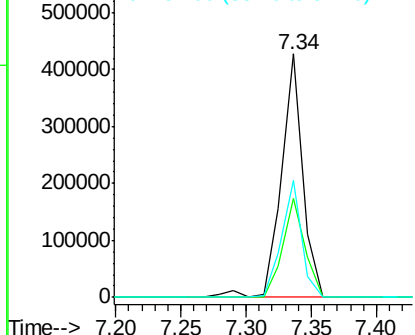
#23
 Nitrobenzene-d5
 Concen: 64.00 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion: 82 Resp: 490824
 Ion Ratio Lower Upper
 82 100
 128 40.9 35.9 53.9
 54 48.0 40.9 61.3

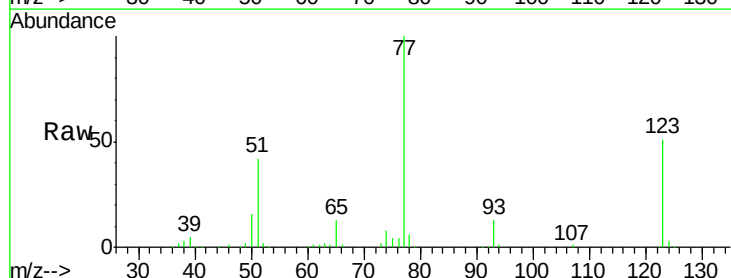


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

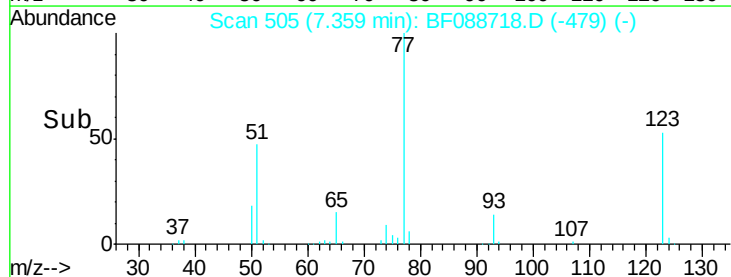
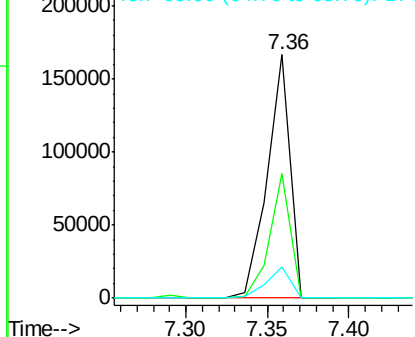


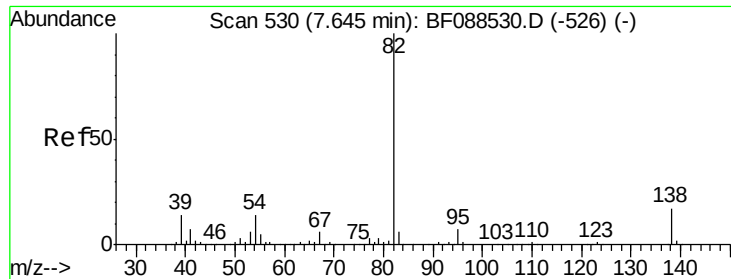
#24
 Nitrobenzene
 Concen: 20.99 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion: 77 Resp: 162316
 Ion Ratio Lower Upper
 77 100
 123 51.1 45.0 67.4
 65 12.8 10.2 15.2



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





#25

Isophorone

Concen: 20.59 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

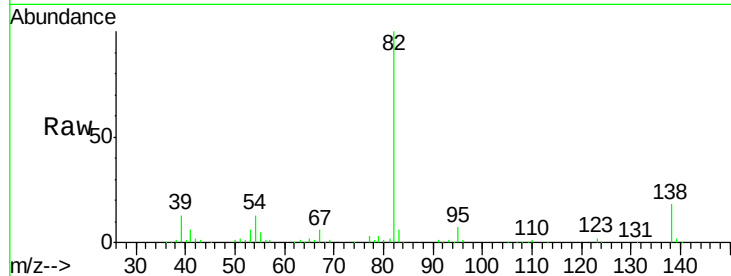
Tgt Ion: 82 Resp: 292527

Ion Ratio Lower Upper

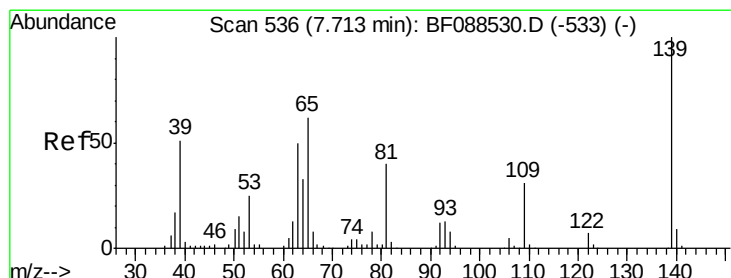
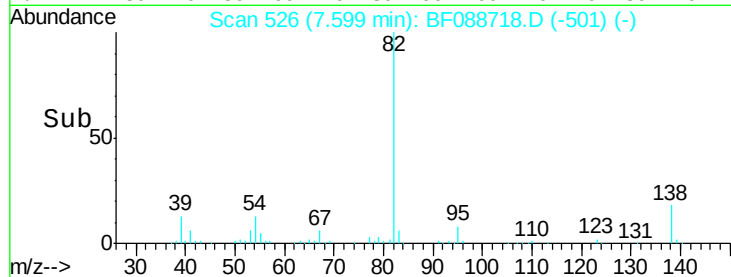
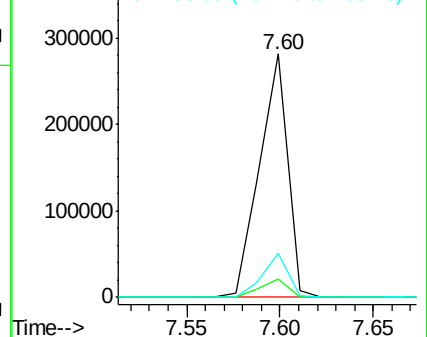
82 100

95 7.5 5.4 8.2

138 17.9 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: 22.38 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

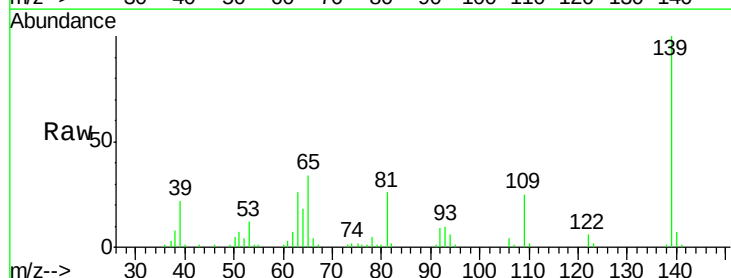
Tgt Ion: 139 Resp: 70962

Ion Ratio Lower Upper

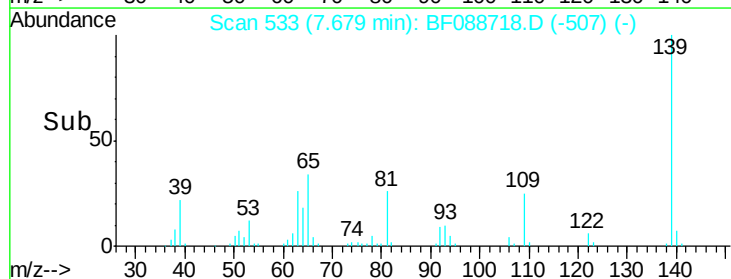
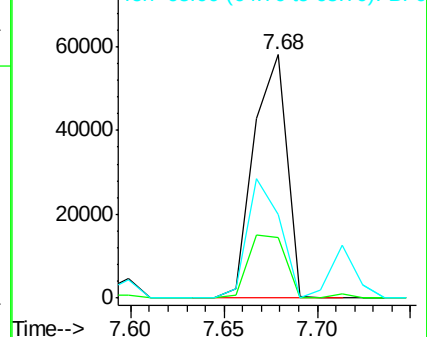
139 100

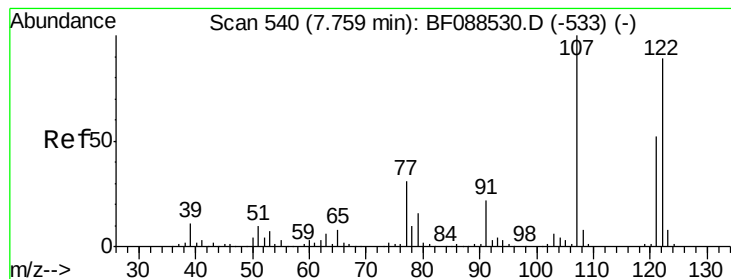
109 24.9 23.0 34.4

65 34.4 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

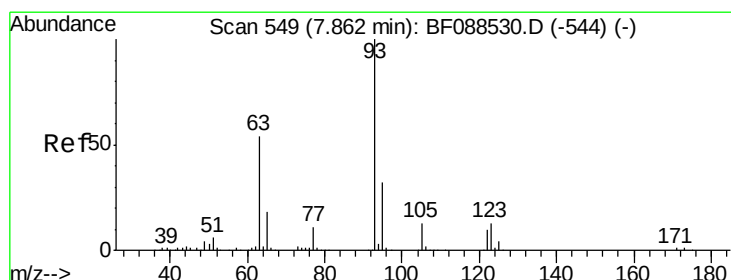
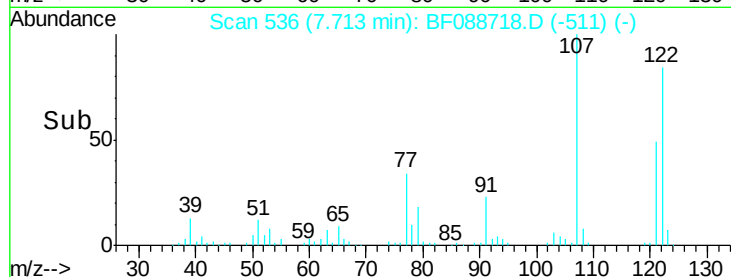
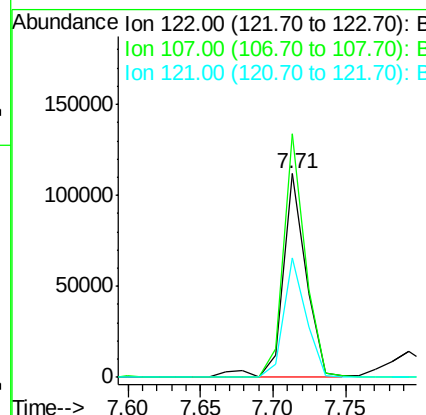
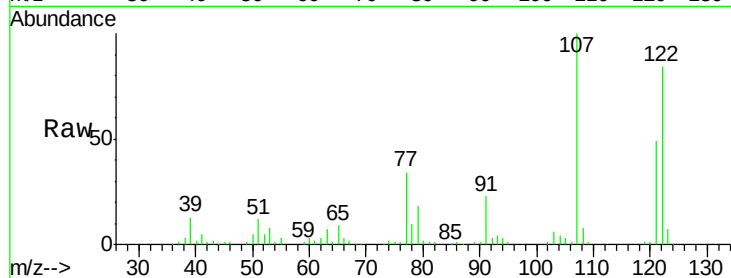




#27
 2,4-Dimethylphenol
 Concen: 18.68 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

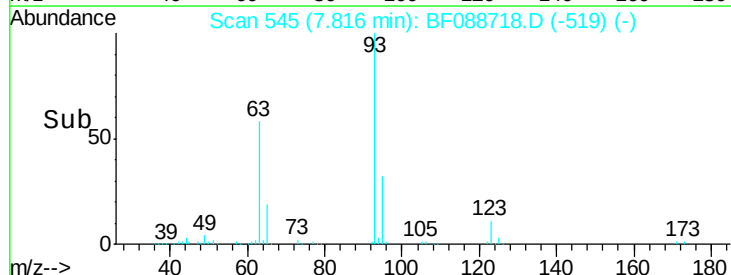
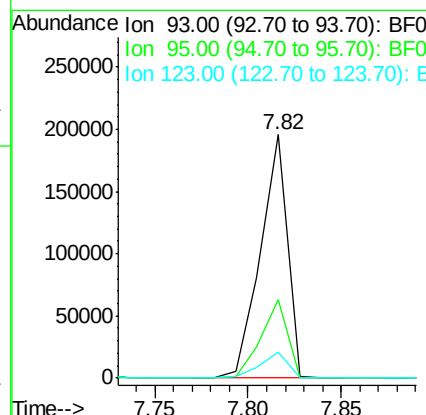
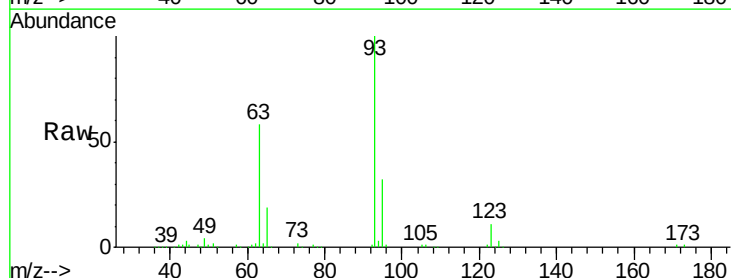
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

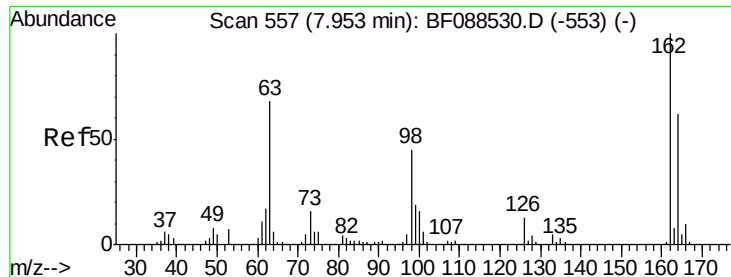
Tgt Ion: 122 Resp: 123373
 Ion Ratio Lower Upper
 122 100
 107 119.6 82.4 123.6
 121 58.6 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 21.04 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion: 93 Resp: 194495
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.5 39.7
 123 10.8 11.6 17.4#

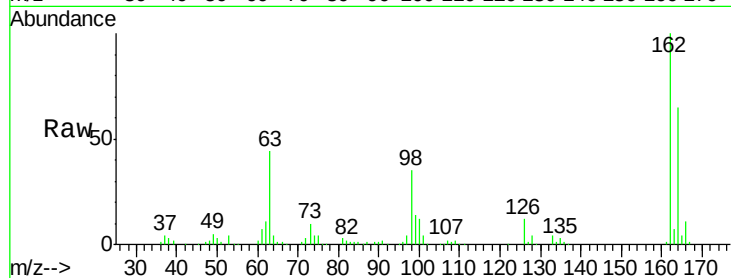




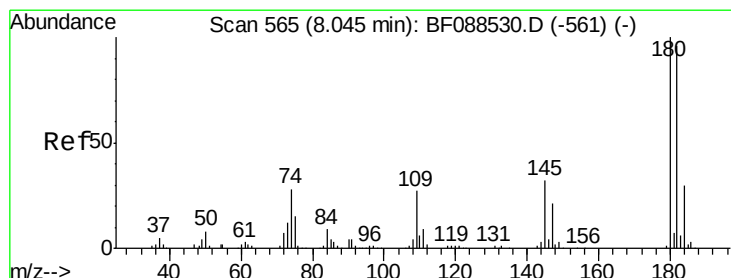
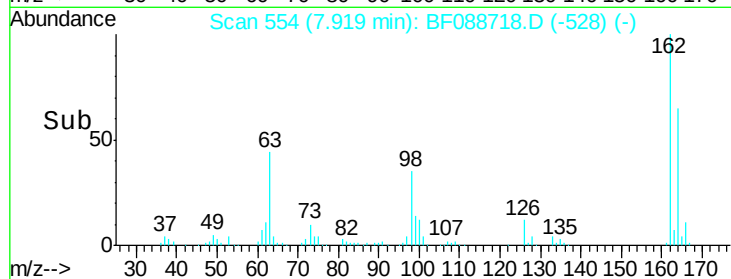
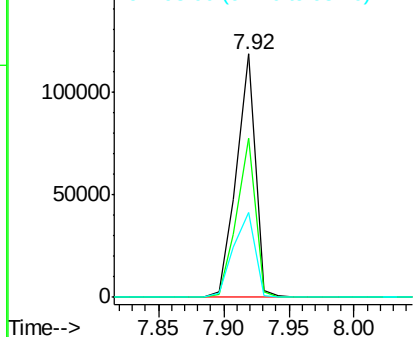
#29
 2,4-Dichlorophenol
 Concen: 22.22 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.8	83.8
98	34.7	21.3	61.3

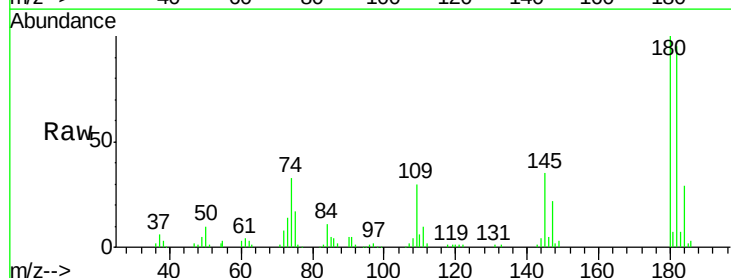


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

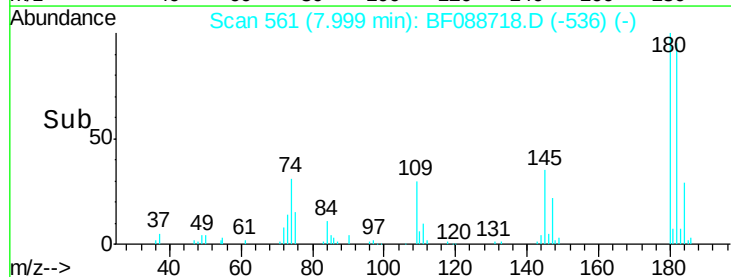
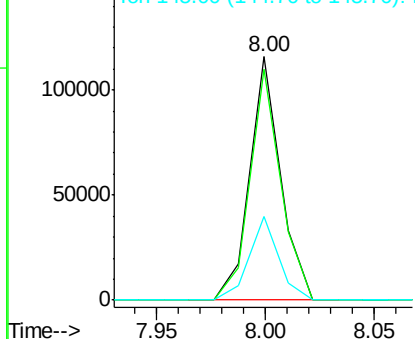


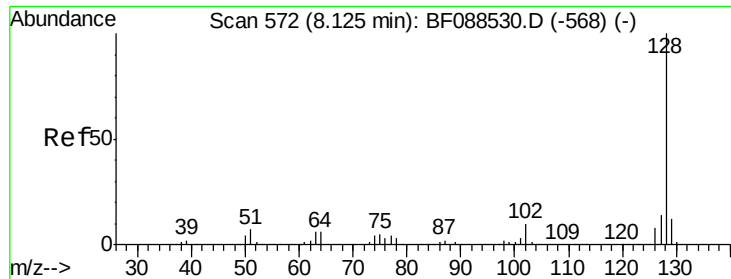
#30
 1,2,4-Trichlorobenzene
 Concen: 19.46 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	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

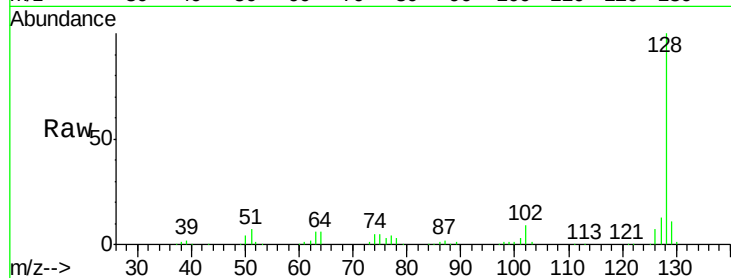




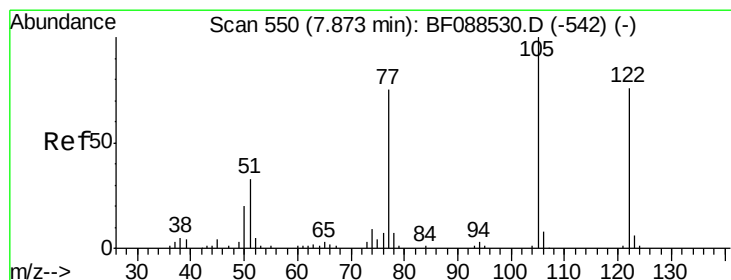
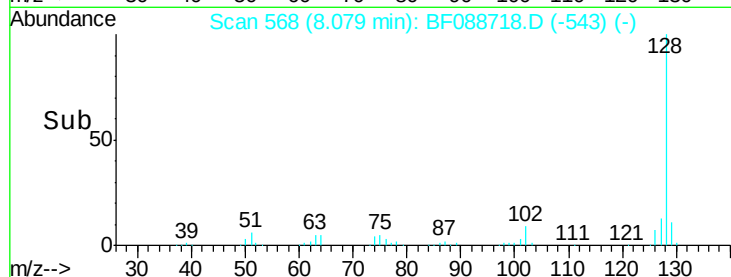
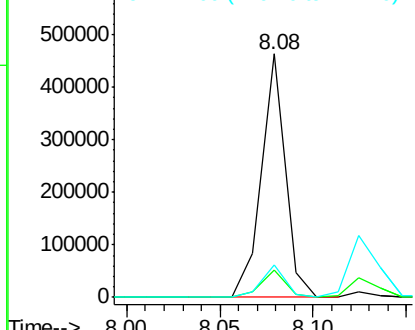
#31
Naphthalene
Concen: 20.64 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:128 Resp: 408984
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.3 10.9 16.3

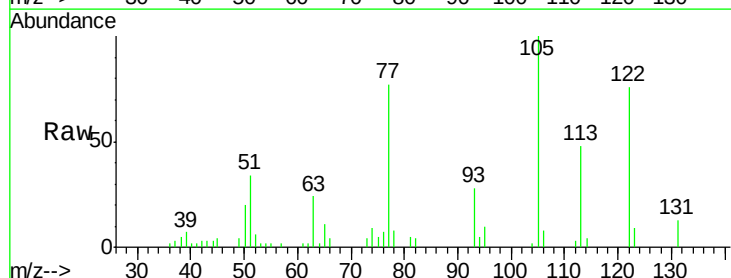


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

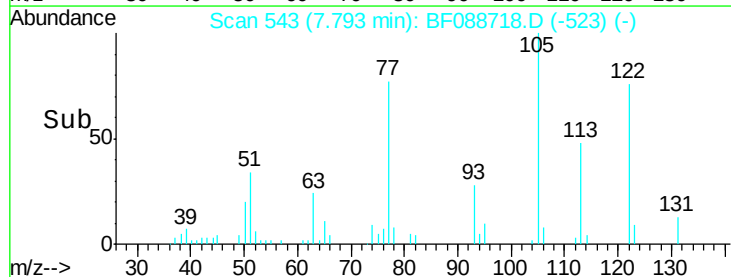
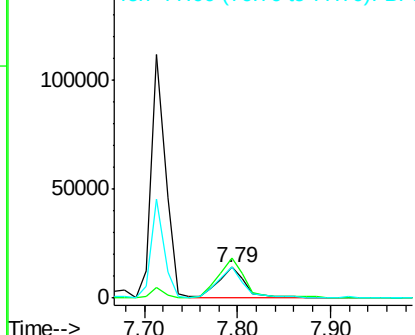


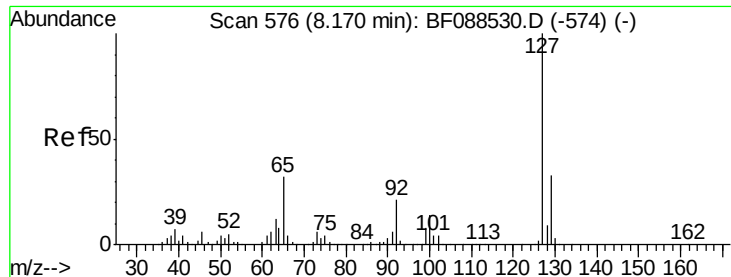
#32
Benzoic acid
Concen: 6.18 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.07 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:122 Resp: 29654
Ion Ratio Lower Upper
122 100
105 132.3 101.6 141.6
77 101.4 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

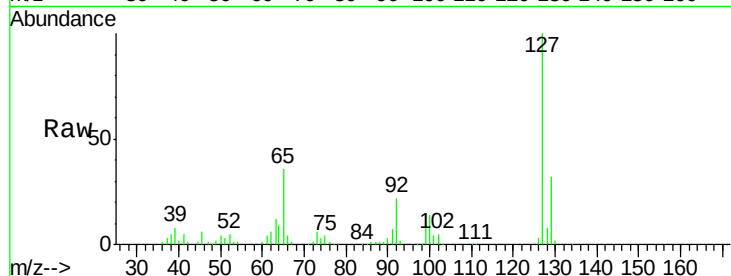




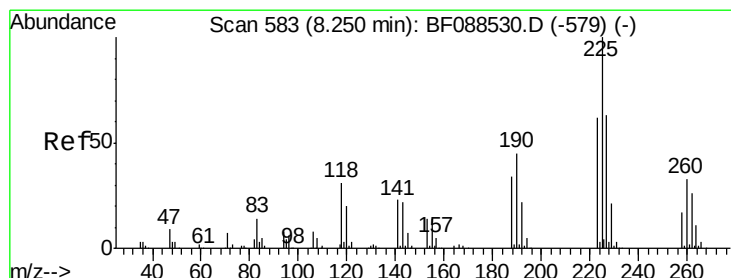
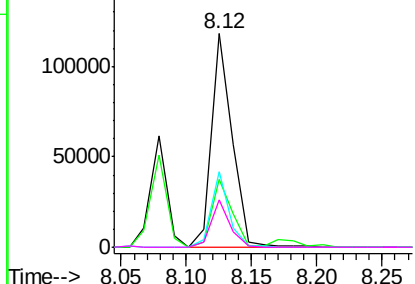
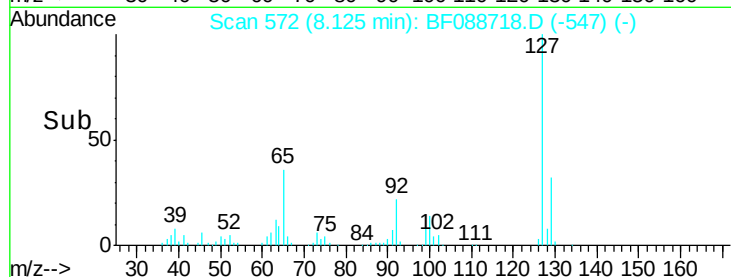
#33
4-Chloroaniline
Concen: 14.83 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:	127	Resp:	130761
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	35.7	24.7	37.1
92	22.0	15.4	23.0

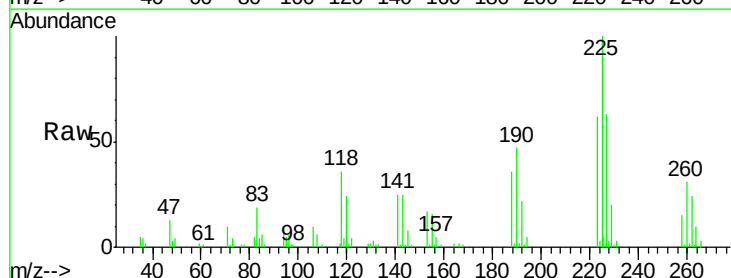


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

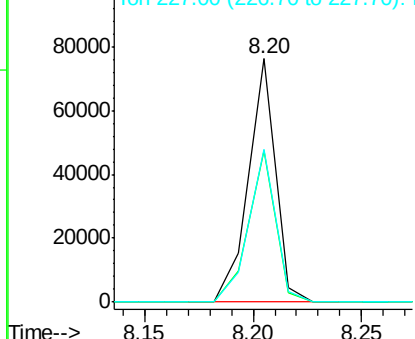
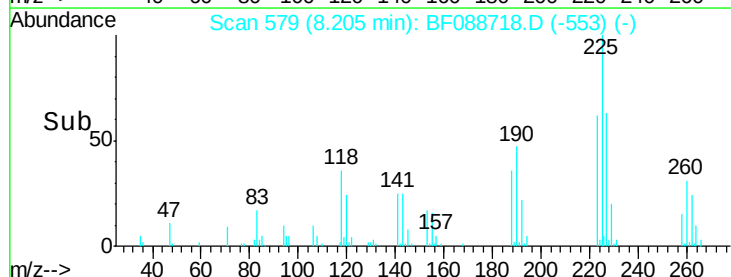


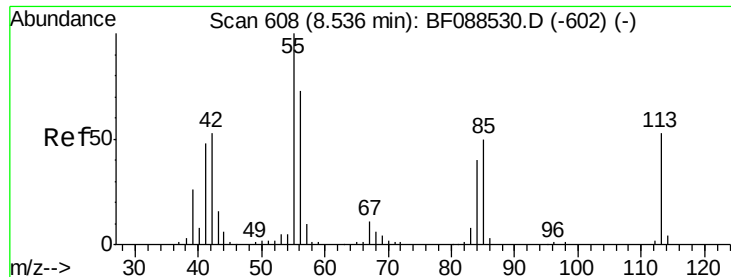
#34
Hexachlorobutadiene
Concen: 21.05 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:	225	Resp:	66028
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	62.9	51.9	77.9



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





#35

Caprolactam

Concen: 9.50 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

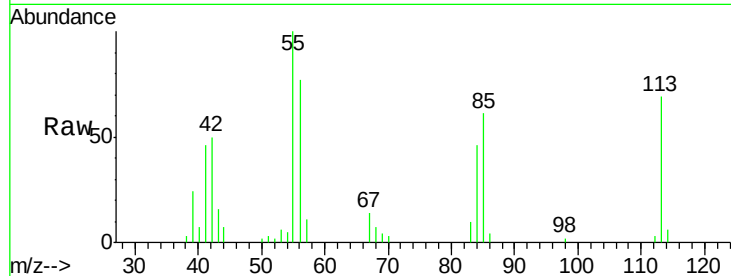
Tgt Ion:113 Resp: 17224

Ion Ratio Lower Upper

113 100

55 145.1 158.6 198.6#

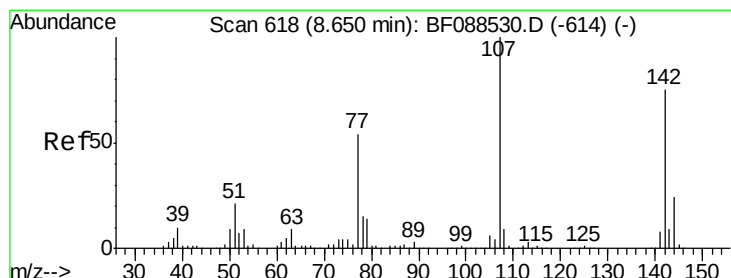
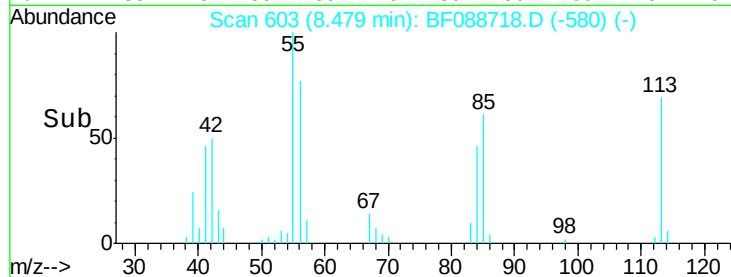
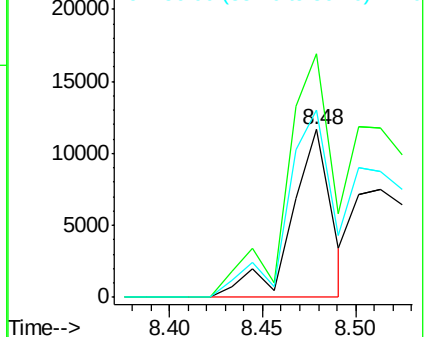
56 111.6 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 21.61 ng

RT: 8.62 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

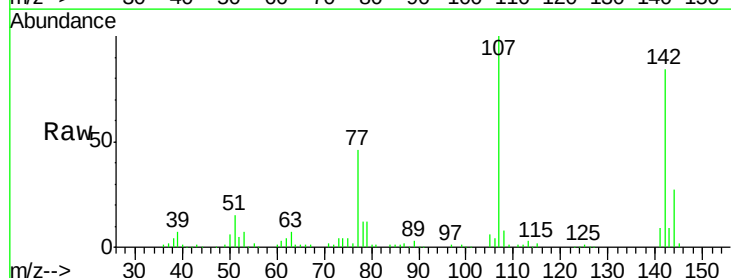
Tgt Ion:107 Resp: 136366

Ion Ratio Lower Upper

107 100

144 27.0 20.8 31.2

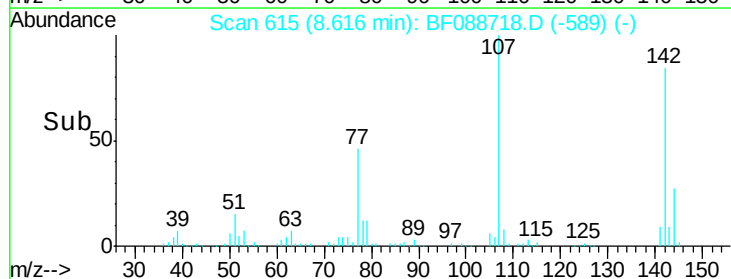
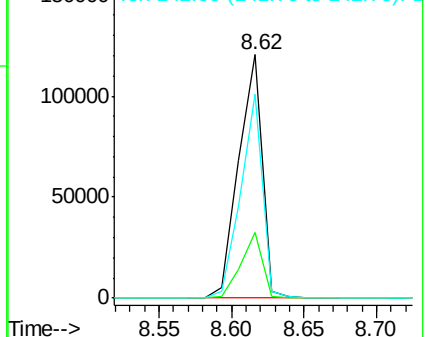
142 83.9 63.4 95.2

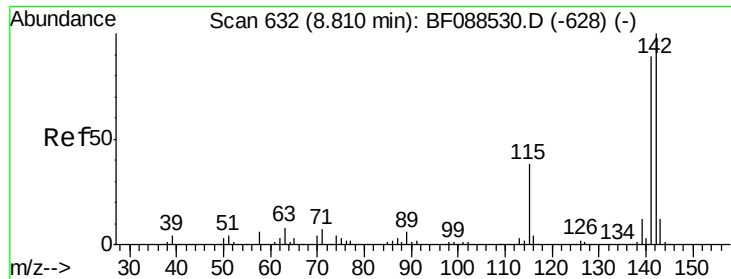


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

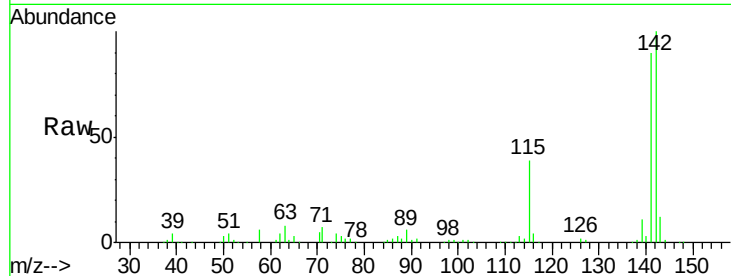




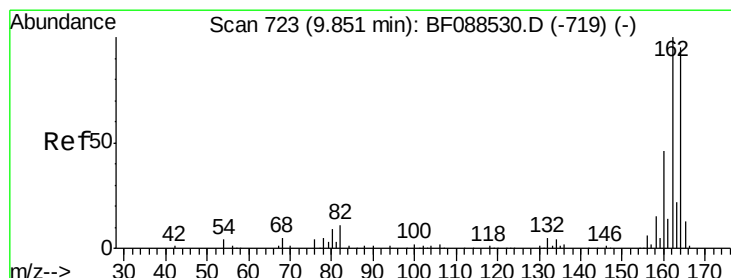
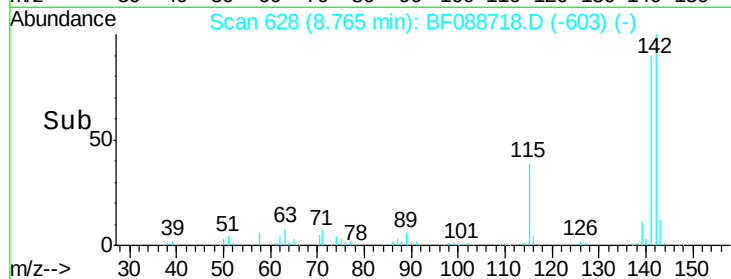
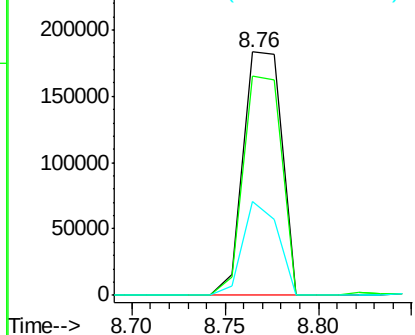
#37
 2-Methylnaphthalene
 Concen: 20.51 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion:142 Resp: 261671
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.0 106.6
 115 38.7 22.6 33.8#

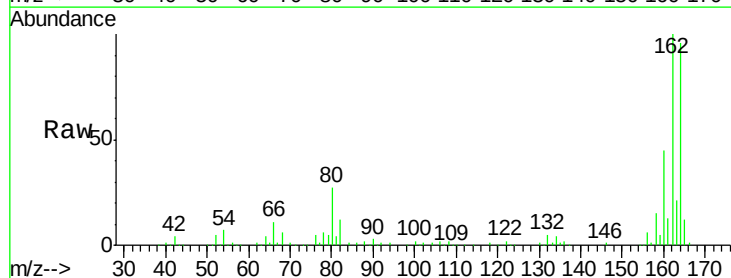


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

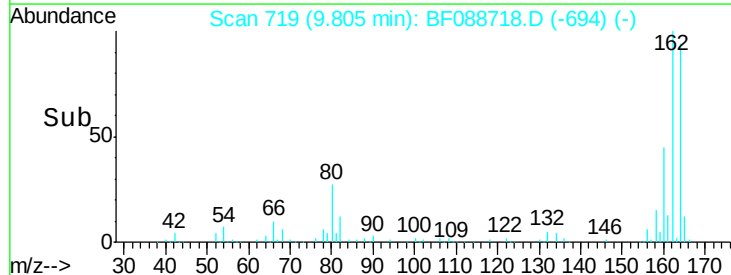
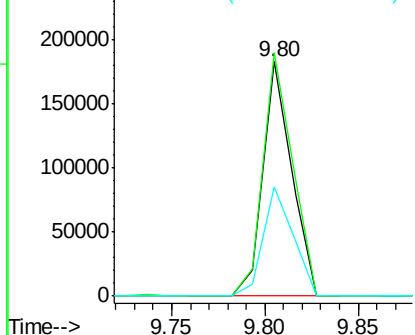


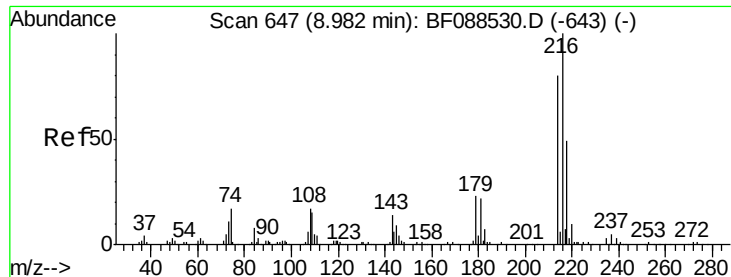
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:164 Resp: 193232
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 46.6 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 17.34 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

Tgt Ion:216 Resp: 111437

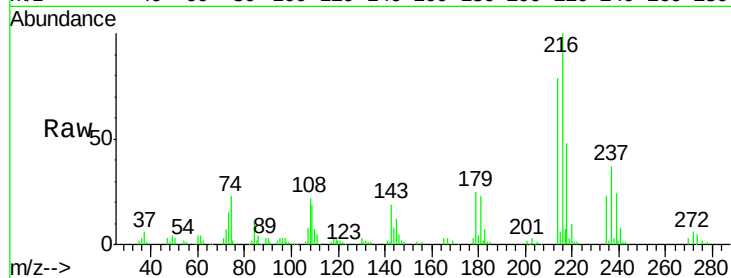
Ion Ratio Lower Upper

216 100

214 79.8 2.9 4.3#

179 24.3 0.0 0.0#

108 26.5 0.5 0.7#

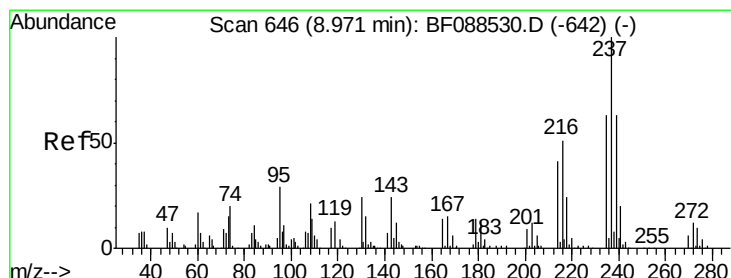
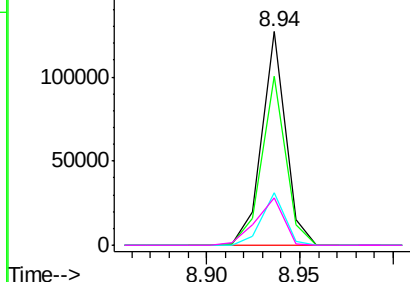
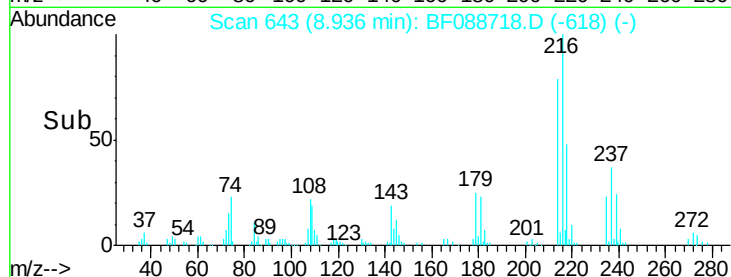


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.72 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

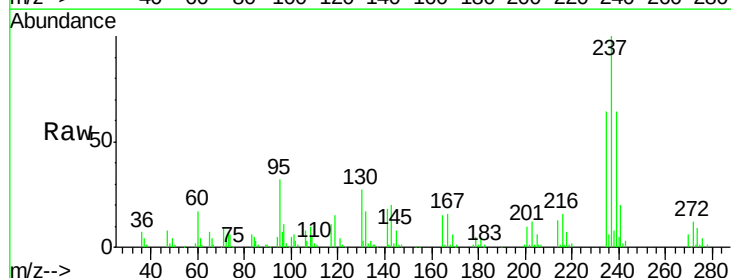
Tgt Ion:237 Resp: 128460

Ion Ratio Lower Upper

237 100

235 64.1 43.4 83.4

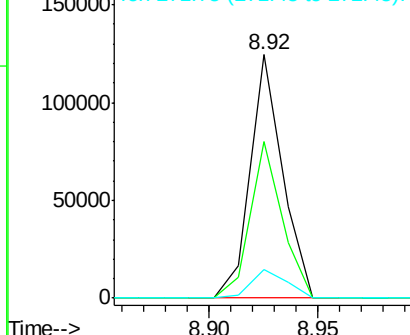
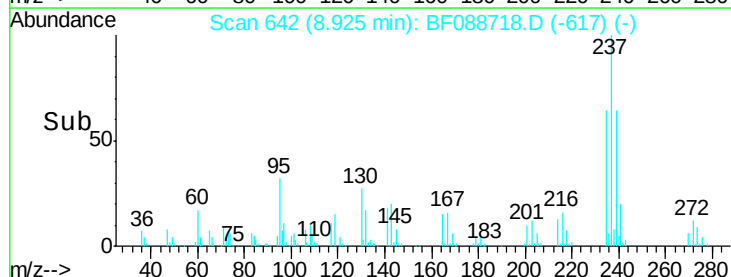
272 11.8 0.0 32.3

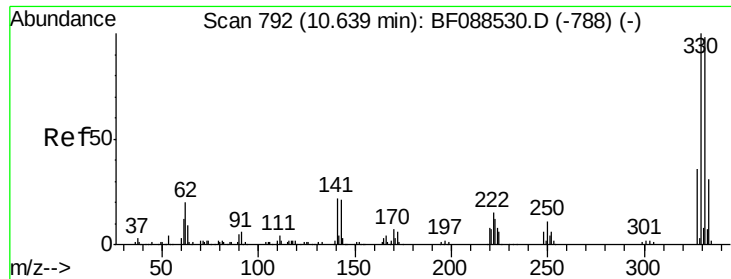


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

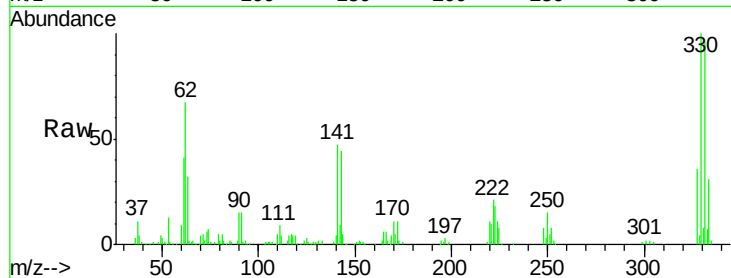




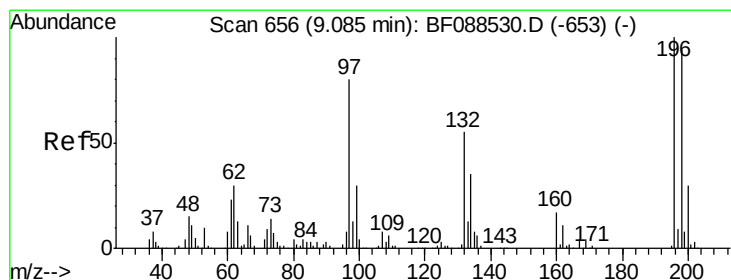
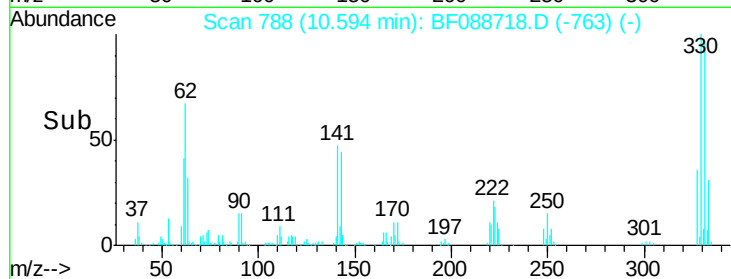
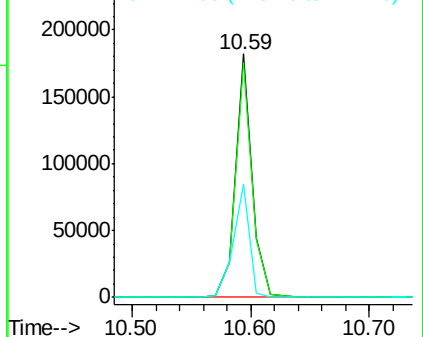
#41
 2,4,6-Tribromophenol
 Concen: 98.72 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	45.0	0.0	0.0#

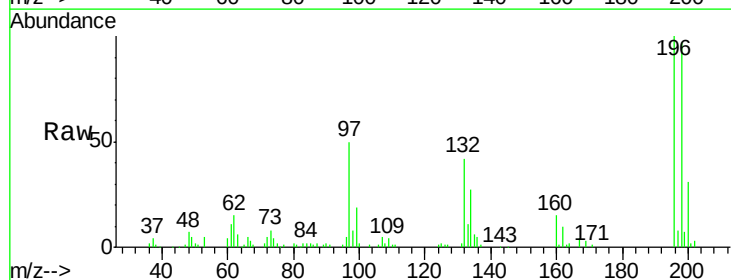


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

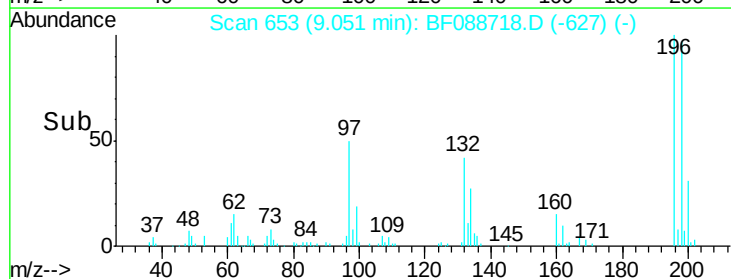
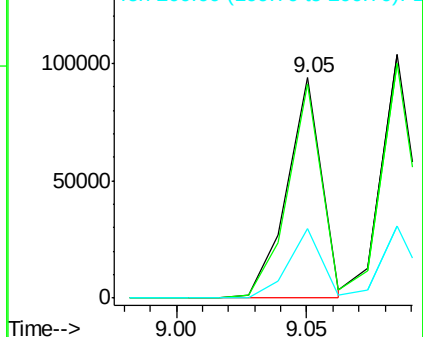


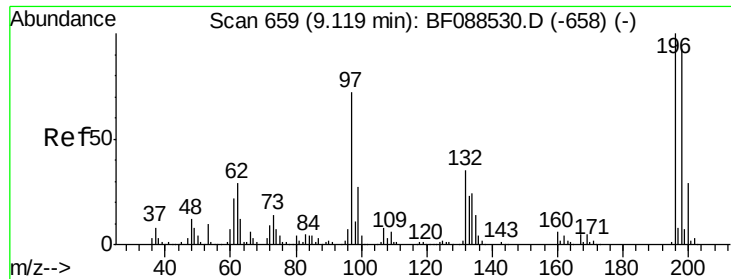
#42
 2,4,6-Trichlorophenol
 Concen: 20.30 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.0	117.0
200	31.3	25.4	38.2



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

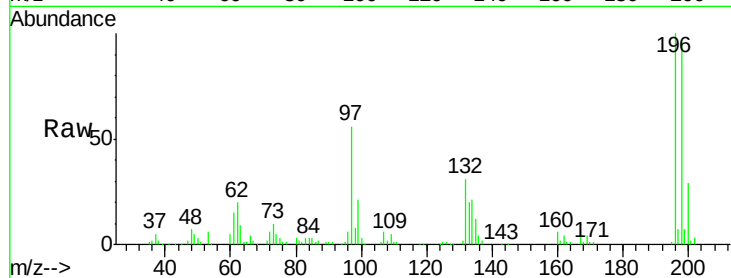




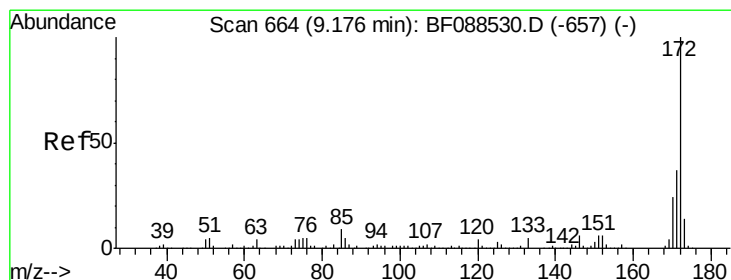
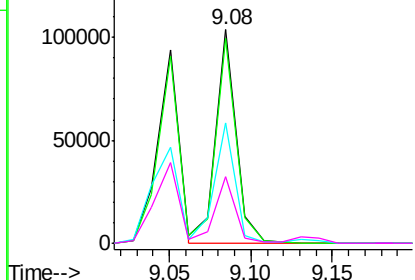
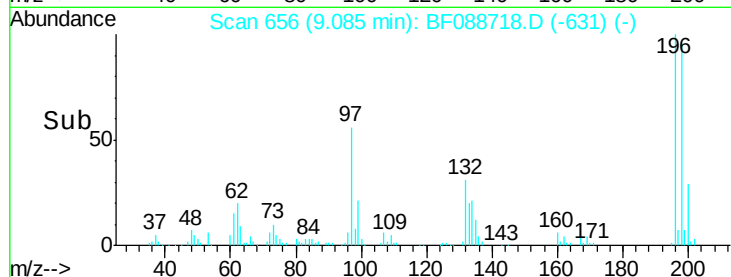
#43
 2,4,5-Trichlorophenol
 Concen: 24.75 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion:196 Resp: 90228
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.5 116.3
 97 56.4 32.0 48.0#
 132 31.0 20.9 31.3

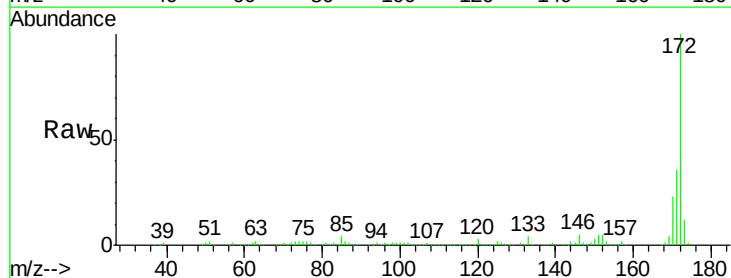


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

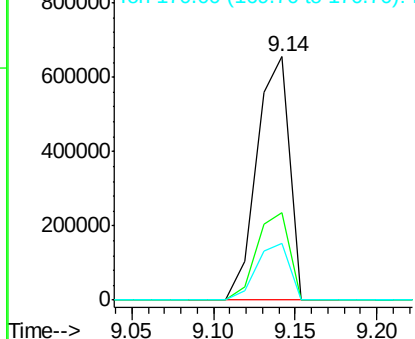
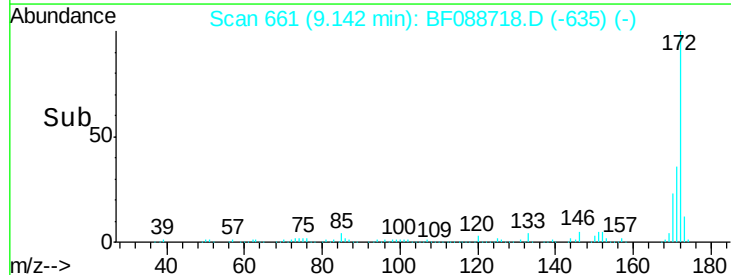


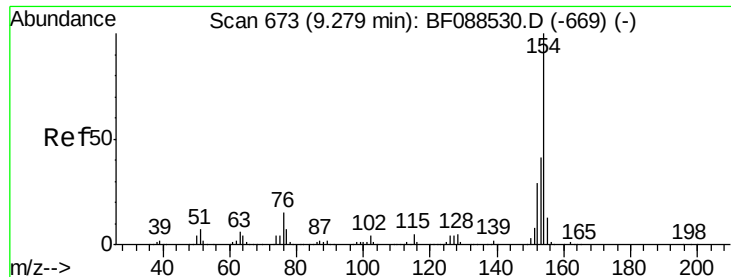
#44
 2-Fluorobiphenyl
 Concen: 74.14 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:172 Resp: 906928
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.2 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 21.32 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

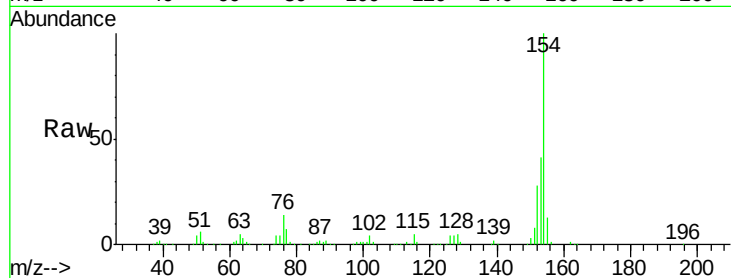
Tgt Ion:154 Resp: 341123

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

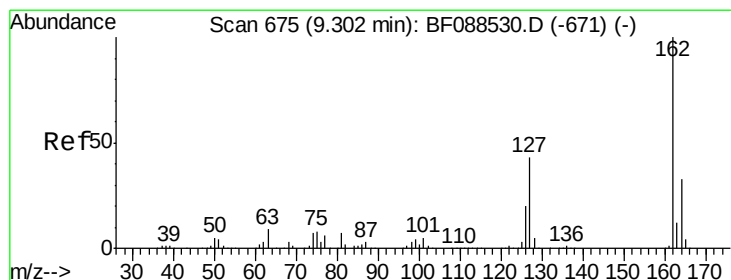
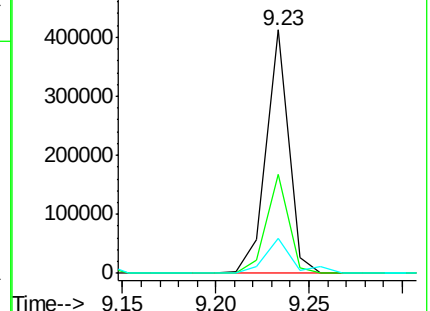
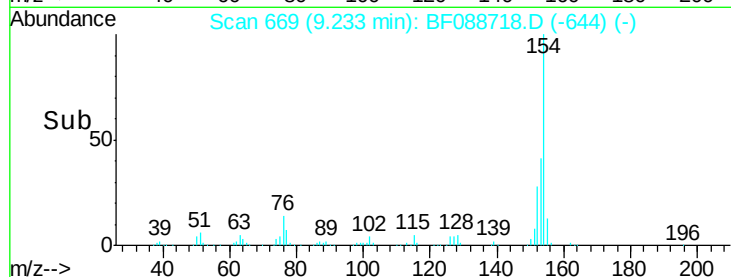
76 14.2 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 21.00 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

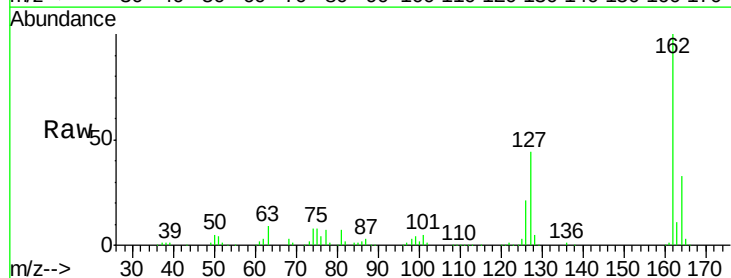
Tgt Ion:162 Resp: 263747

Ion Ratio Lower Upper

162 100

127 44.2 35.2 52.8

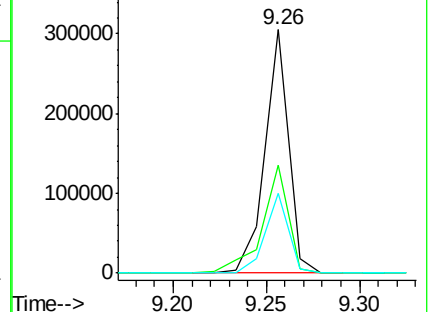
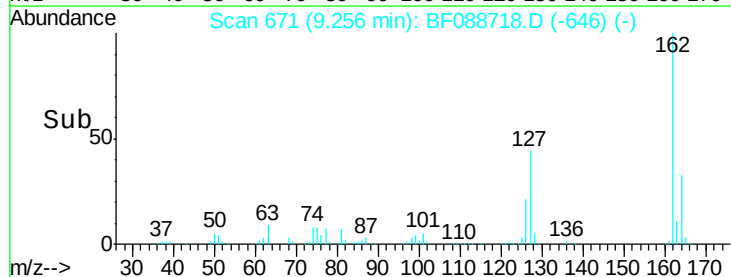
164 32.8 26.6 39.8

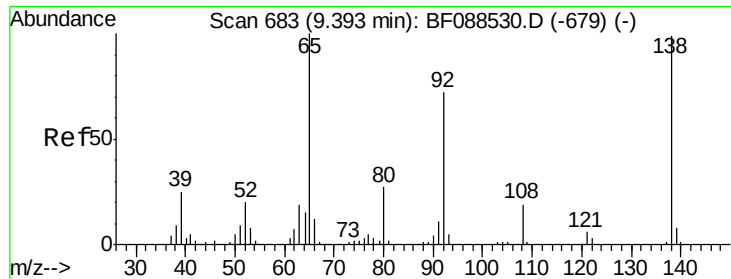


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

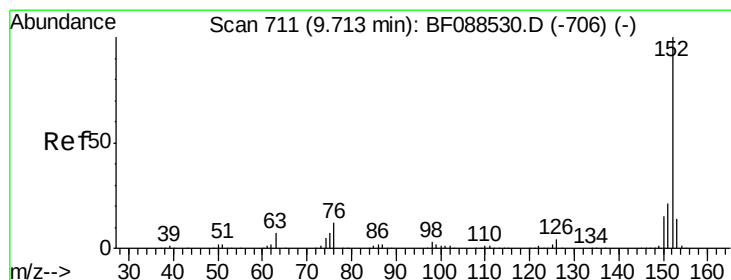
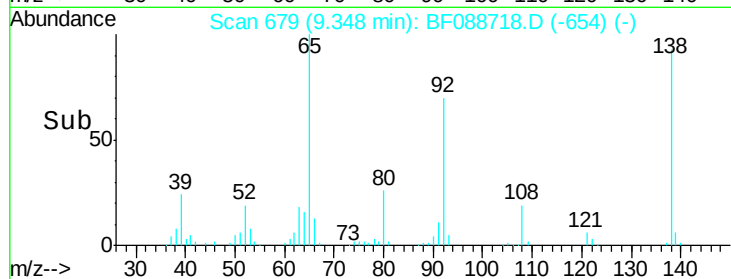
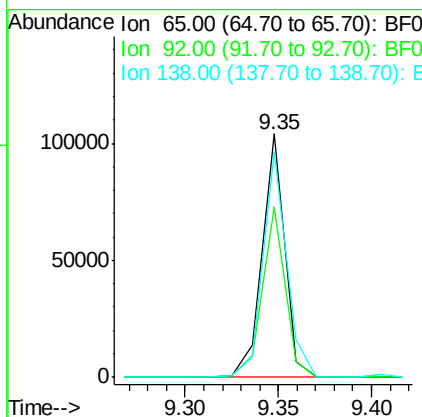
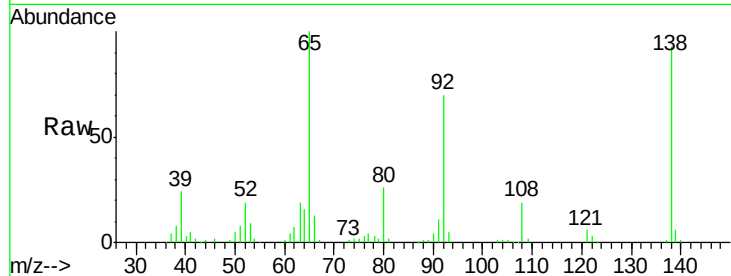




#47
2-Nitroaniline
Concen: 19.29 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

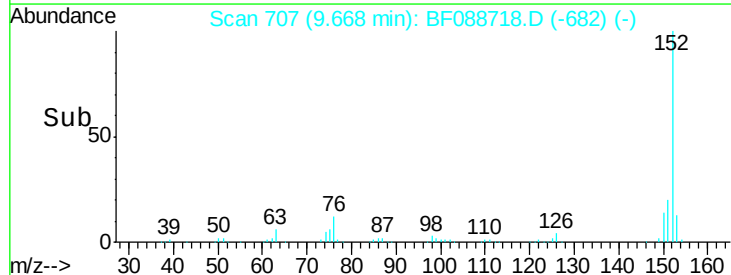
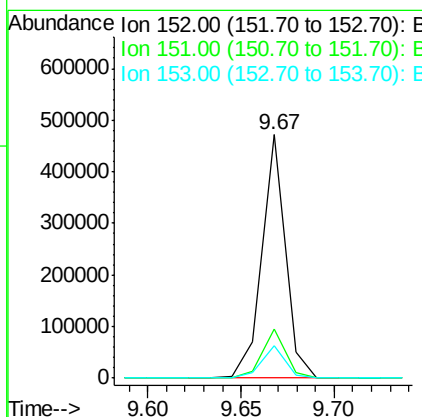
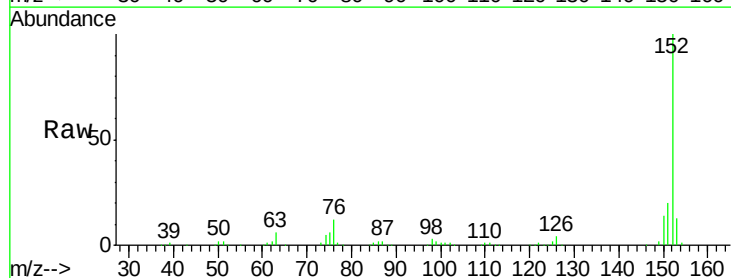
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

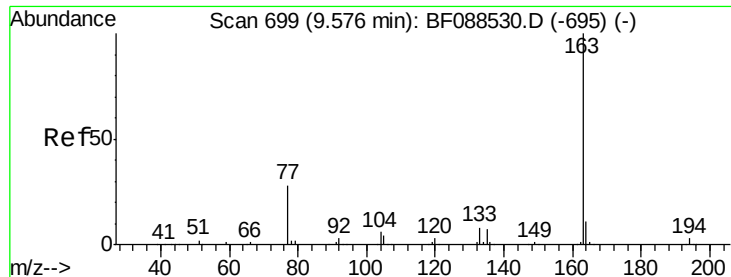
Tgt Ion: 65 Resp: 86002
Ion Ratio Lower Upper
65 100
92 70.2 54.6 82.0
138 92.9 77.0 115.4



#48
Acenaphthylene
Concen: 20.49 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion: 152 Resp: 409487
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.2 11.0 16.6





#49

Dimethylphthalate

Concen: 30.43 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

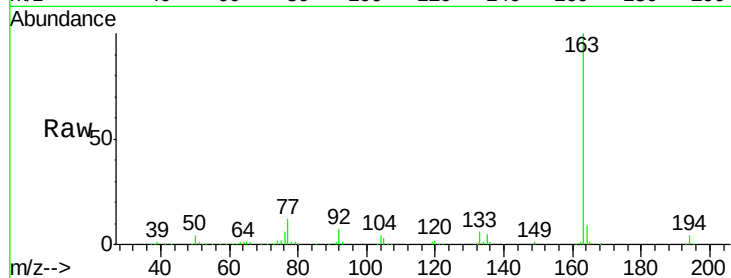
Tgt Ion:163 Resp: 418890

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

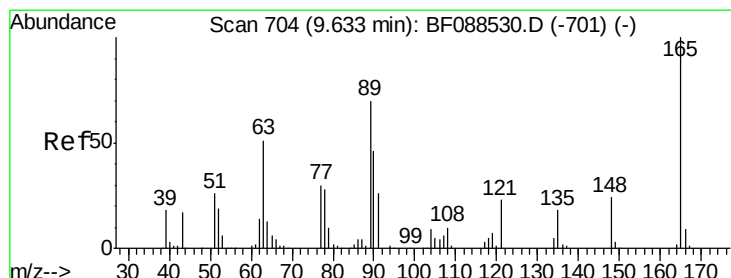
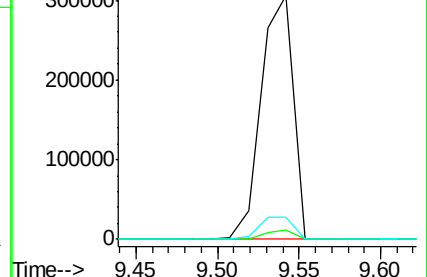
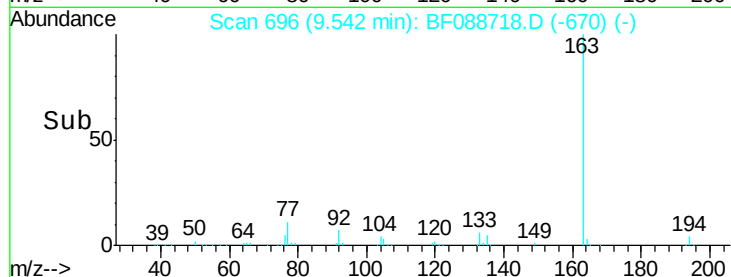
164 9.2 8.3 12.5



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: 22.16 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

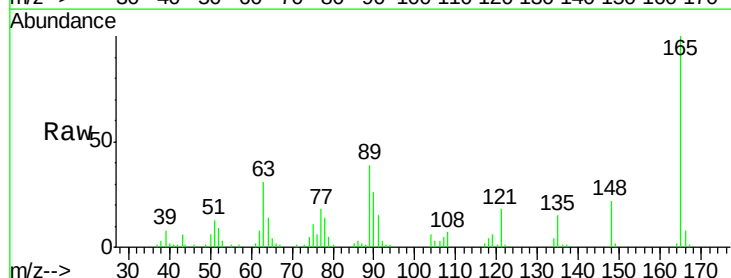
Tgt Ion:165 Resp: 67626

Ion Ratio Lower Upper

165 100

63 30.7 28.1 42.1

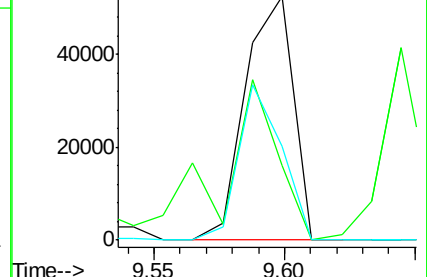
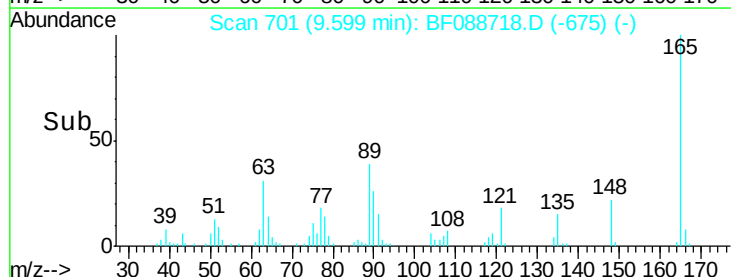
89 38.6 32.2 48.2

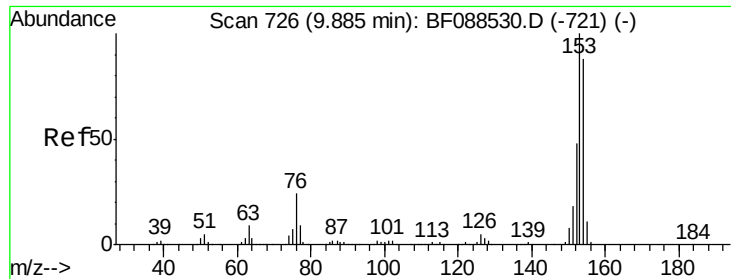


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 21.21 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

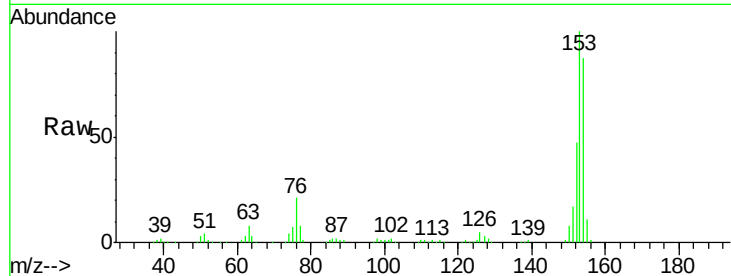
Tgt Ion:154 Resp: 259904

Ion Ratio Lower Upper

154 100

153 114.7 89.5 134.3

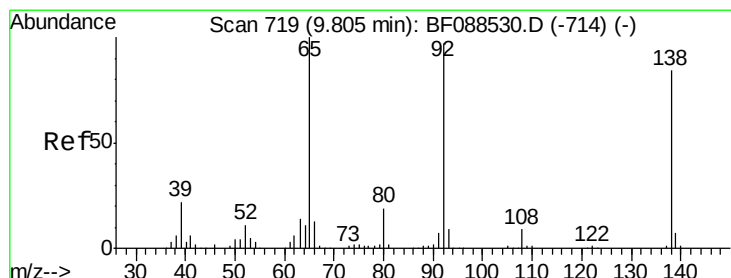
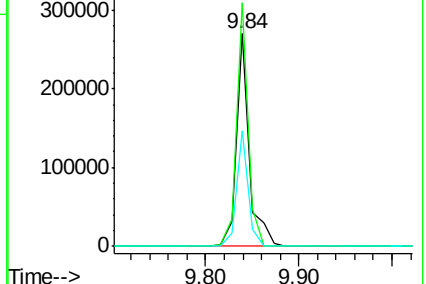
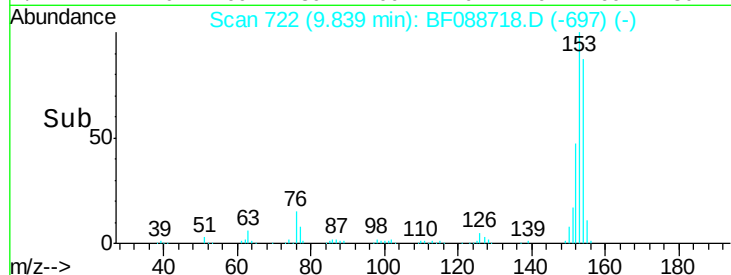
152 54.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.45 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

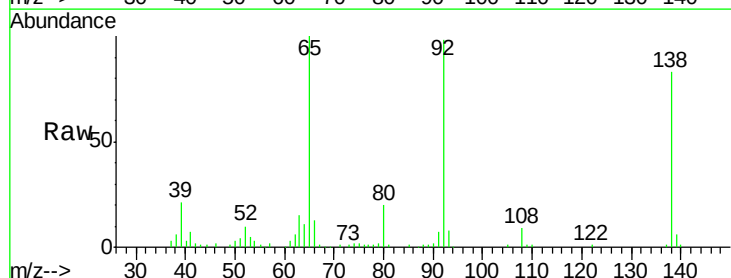
Tgt Ion:138 Resp: 71566

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

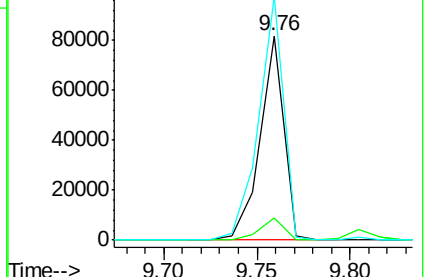
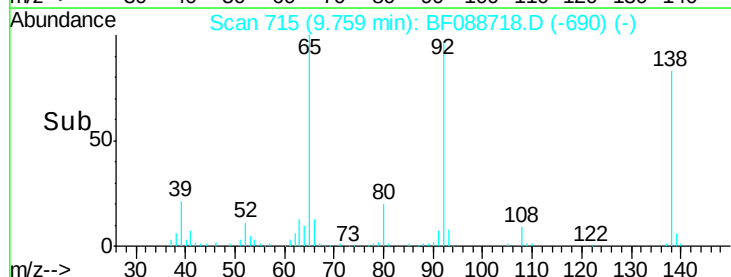
92 119.0 95.7 143.5

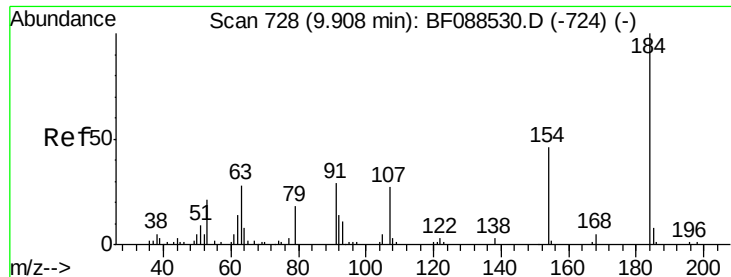


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

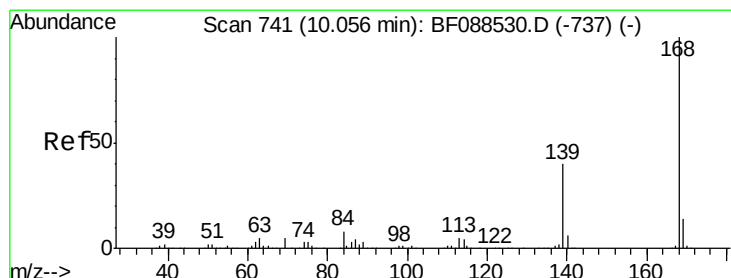
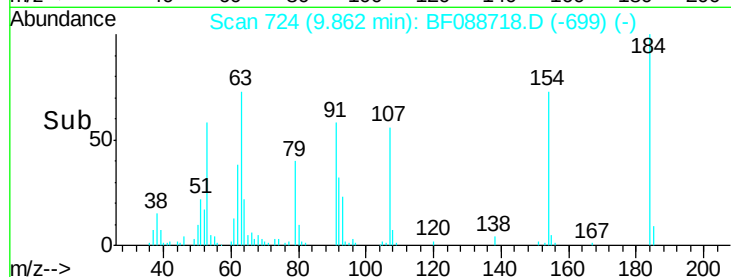
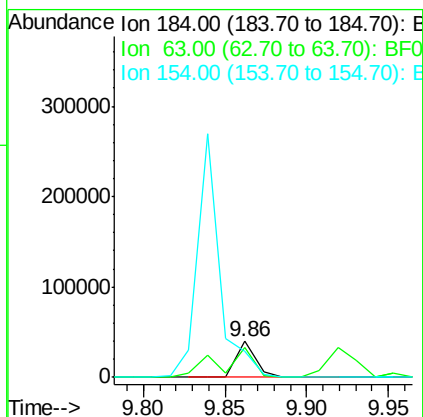
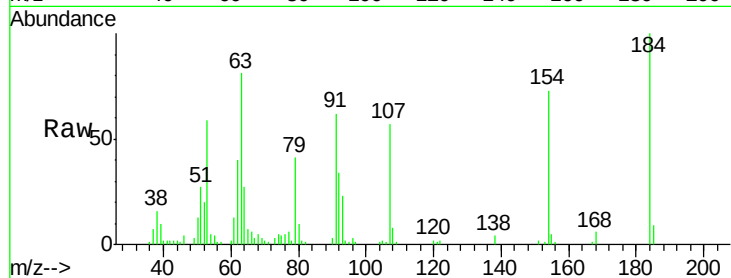




#53
2,4-Dinitrophenol
Concen: 24.50 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

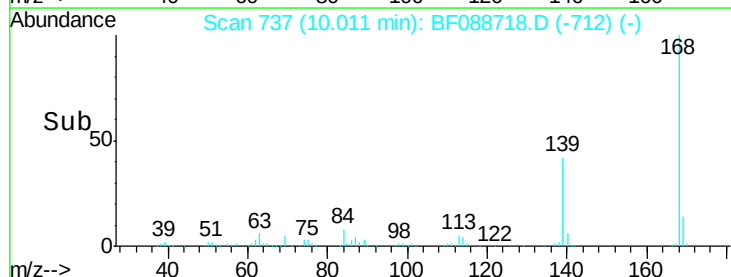
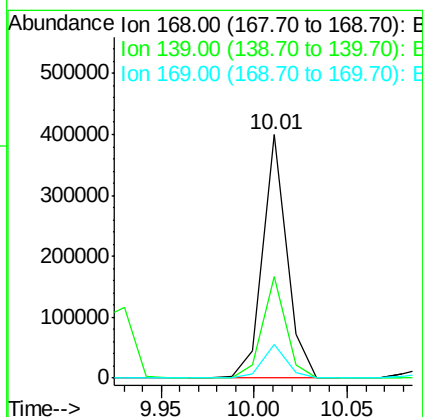
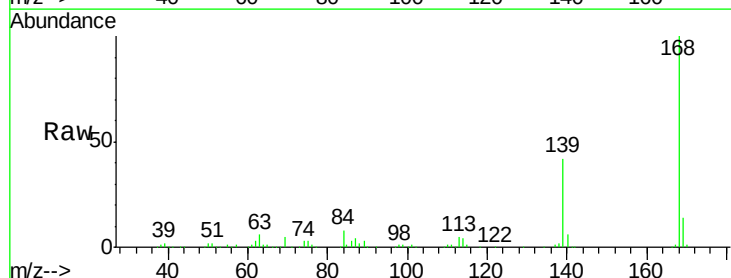
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

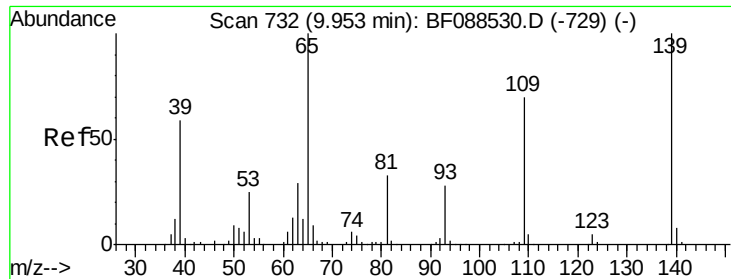
Tgt Ion:184 Resp: 33005
Ion Ratio Lower Upper
184 100
63 81.1 57.6 86.4
154 73.4 53.5 80.3



#54
Dibenzofuran
Concen: 22.21 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:168 Resp: 356133
Ion Ratio Lower Upper
168 100
139 41.6 26.4 39.6#
169 13.7 10.4 15.6

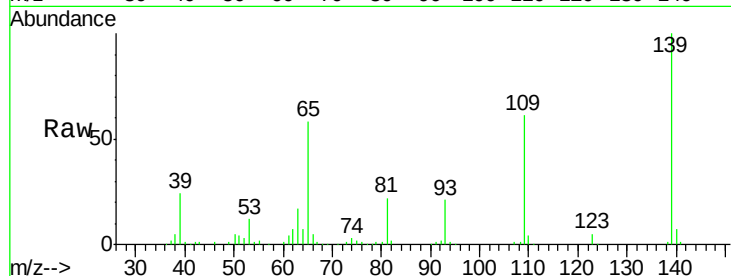




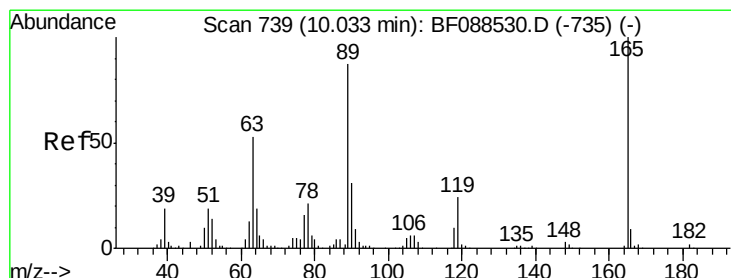
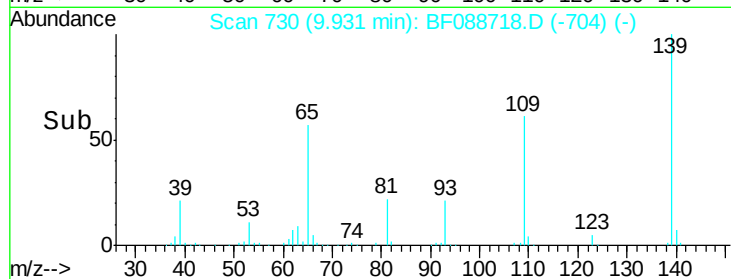
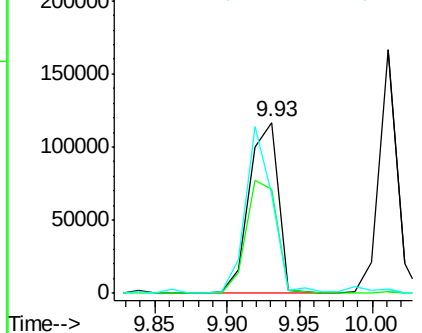
#55
4-Nitrophenol
Concen: 55.41 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:139 Resp: 163313
Ion Ratio Lower Upper
139 100
109 61.1 48.9 88.9
65 58.0 84.9 124.9#

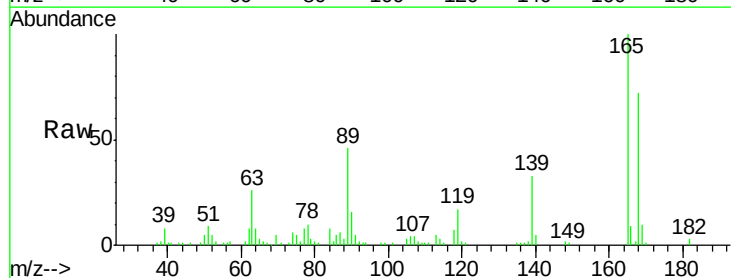


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

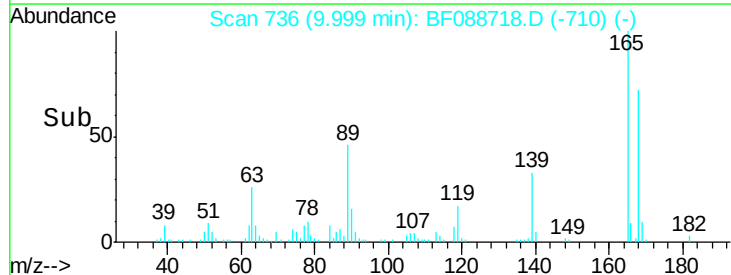
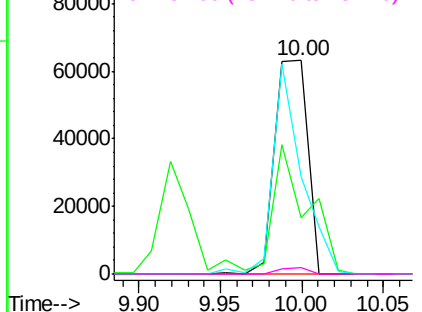


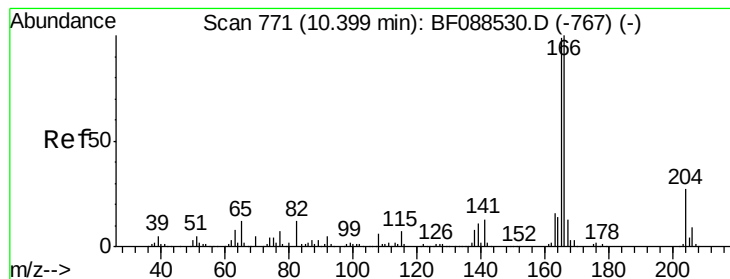
#56
2,4-Dinitrotoluene
Concen: 22.33 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:165 Resp: 89060
Ion Ratio Lower Upper
165 100
63 26.4 22.0 33.0
89 45.7 41.1 61.7
182 2.8 2.0 3.0



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





#57

Fluorene

Concen: 23.65 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

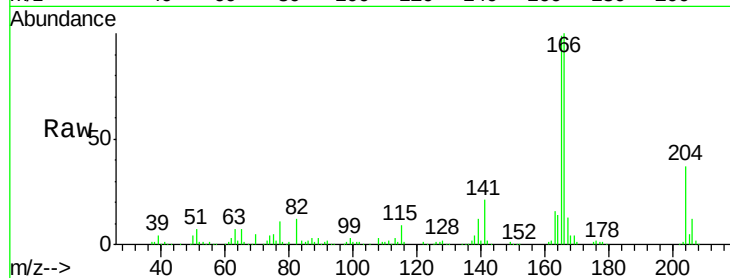
Tgt Ion:166 Resp: 292218

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

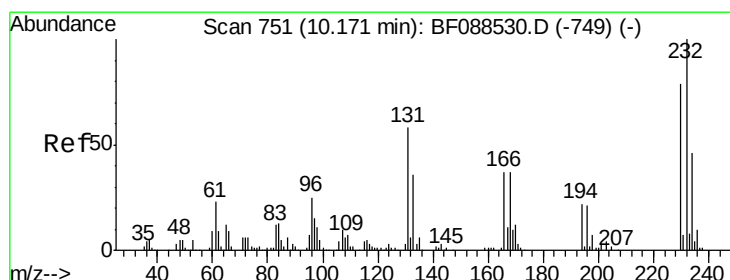
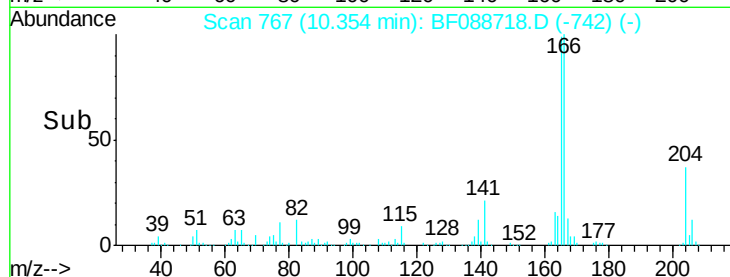
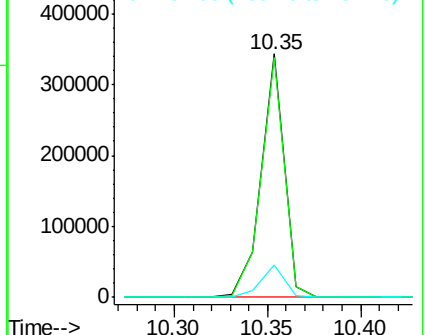
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.58 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Tgt Ion:232 Resp: 60863

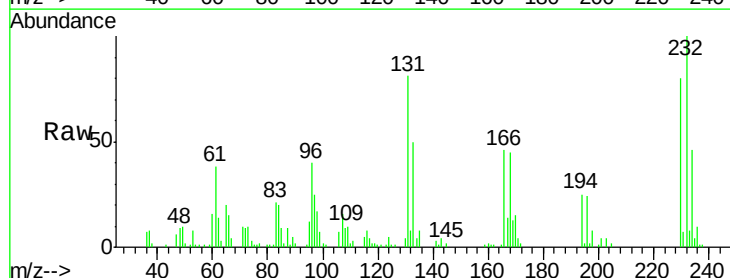
Ion Ratio Lower Upper

232 100

131 56.7 0.9 1.3#

130 2.7 1.5 2.3#

166 34.9 0.5 0.7#

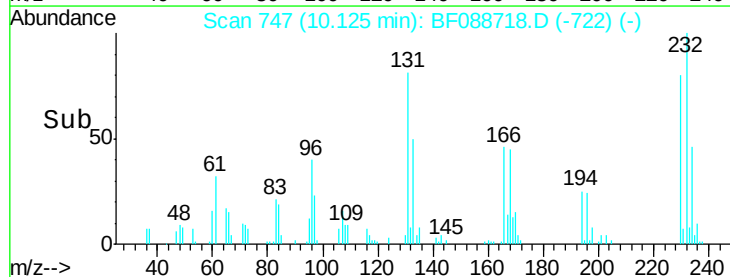
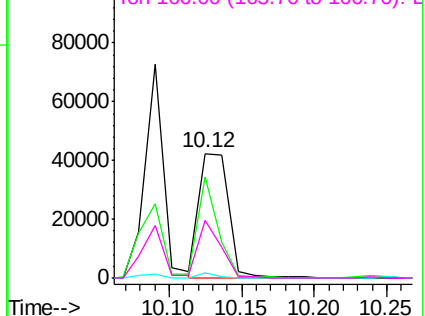


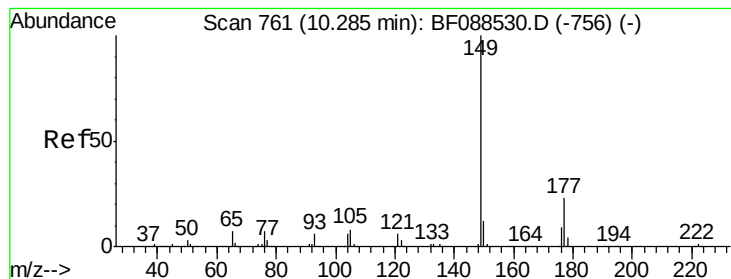
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 23.28 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

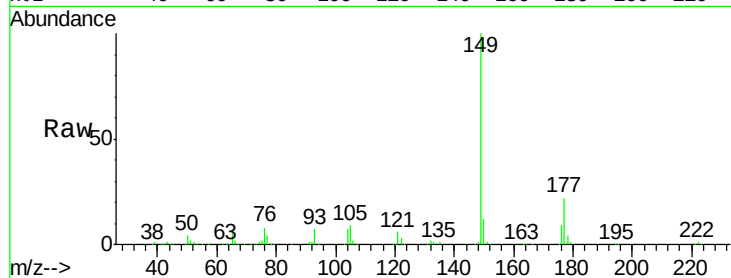
Tgt Ion:149 Resp: 321676

Ion Ratio Lower Upper

149 100

177 22.4 16.9 25.3

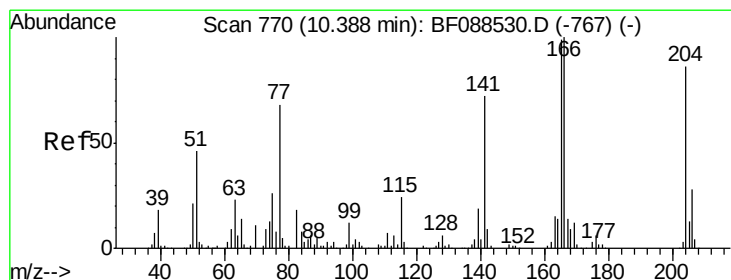
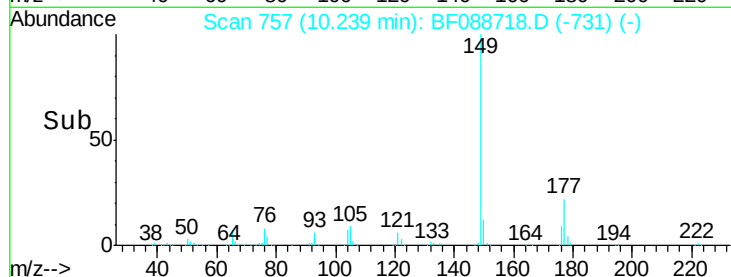
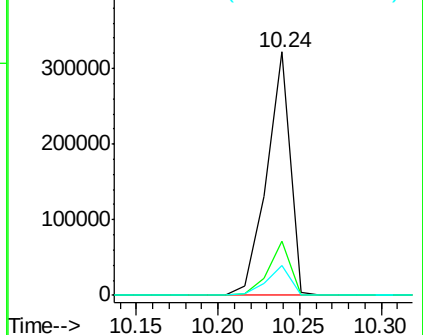
150 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 22.42 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

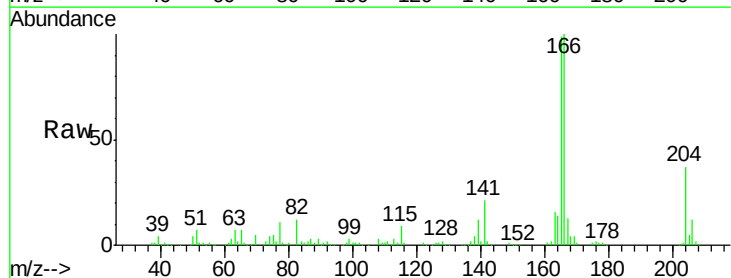
Tgt Ion:204 Resp: 128751

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

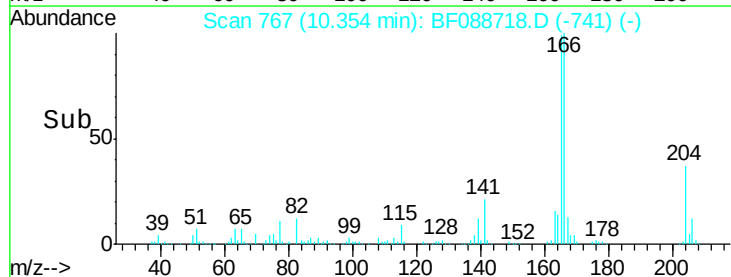
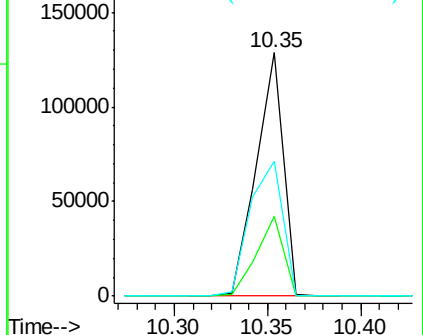
141 55.6 55.0 82.6

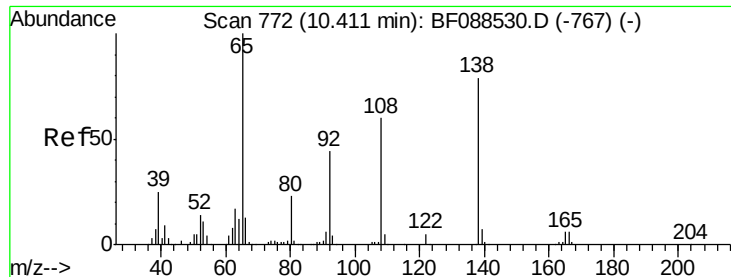


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 17.04 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

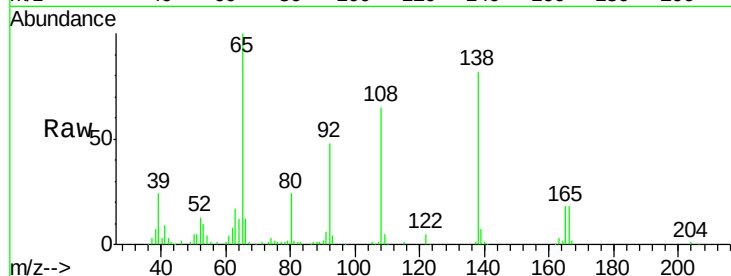
Tgt Ion:138 Resp: 63584

Ion Ratio Lower Upper

138 100

92 57.8 27.3 67.3

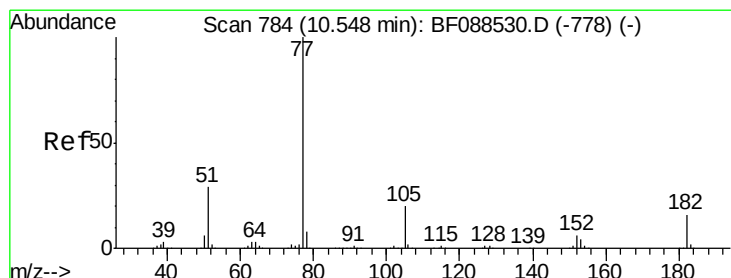
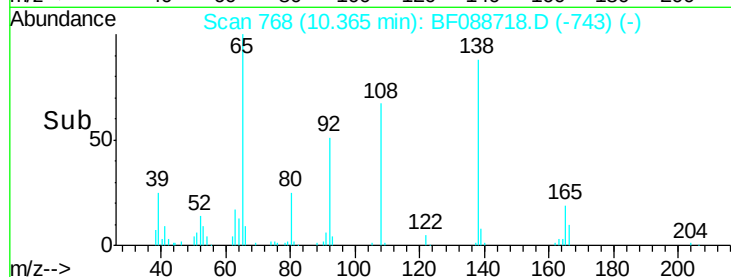
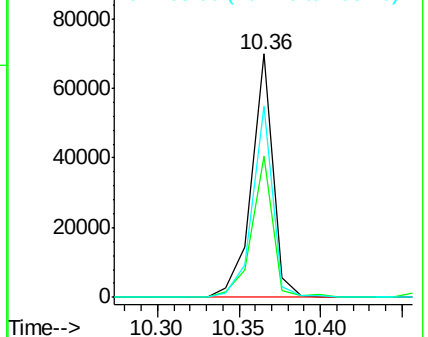
108 78.8 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 22.04 ng

RT: 10.50 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Tgt Ion: 77 Resp: 347295

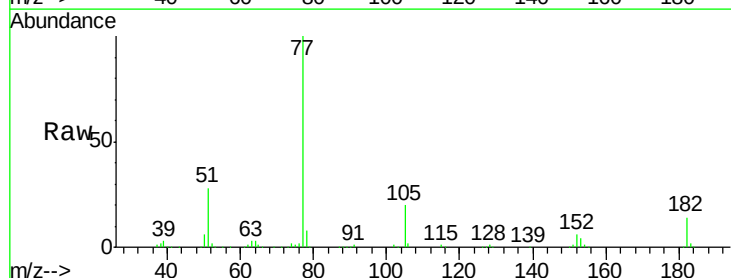
Ion Ratio Lower Upper

77 100

182 13.8 4.4 44.4

105 19.8 3.8 43.8

51 28.5 9.3 49.3

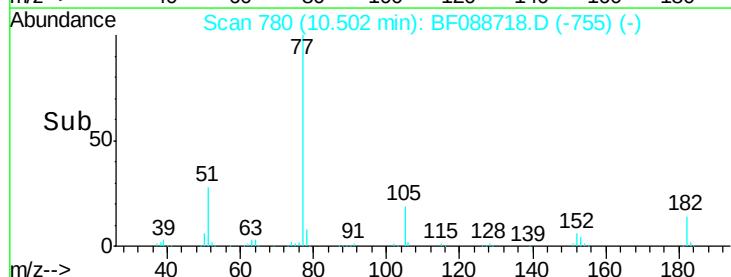
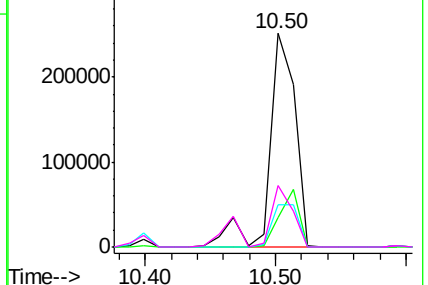


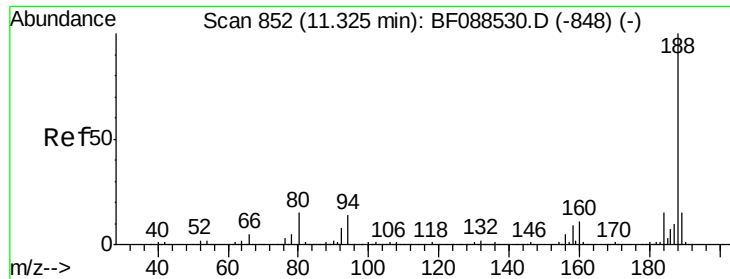
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

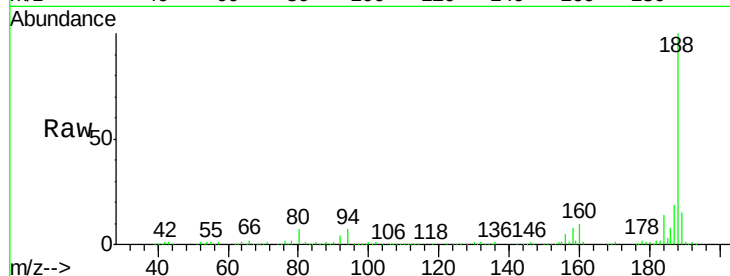




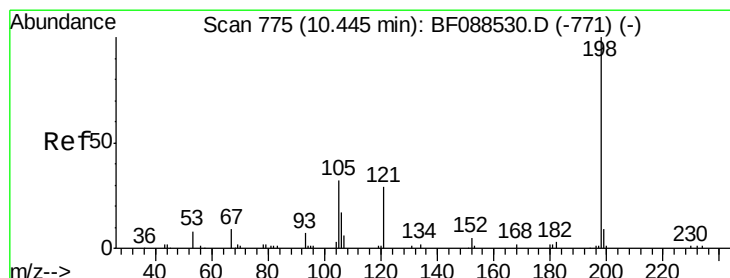
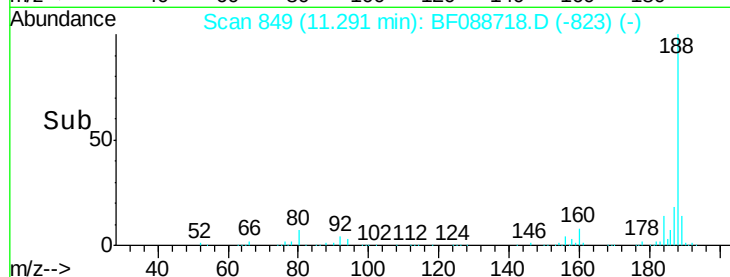
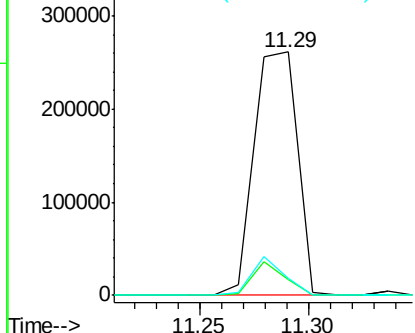
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion:188 Resp: 364434
 Ion Ratio Lower Upper
 188 100
 94 6.5 9.0 13.6#
 80 7.0 10.0 15.0#

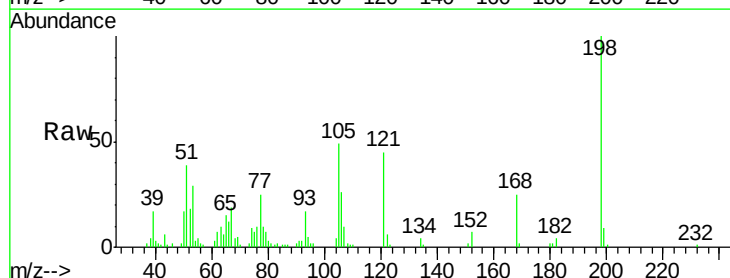


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

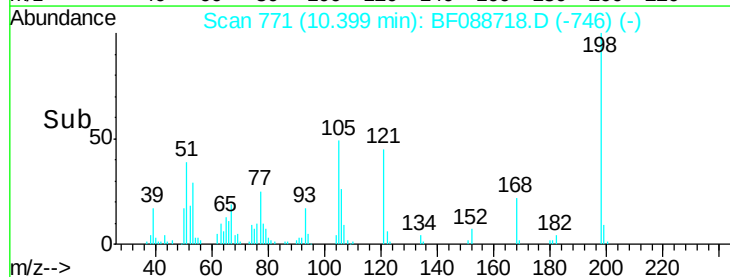
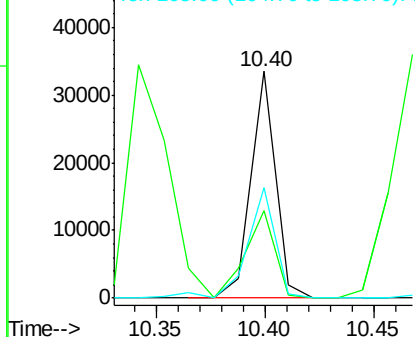


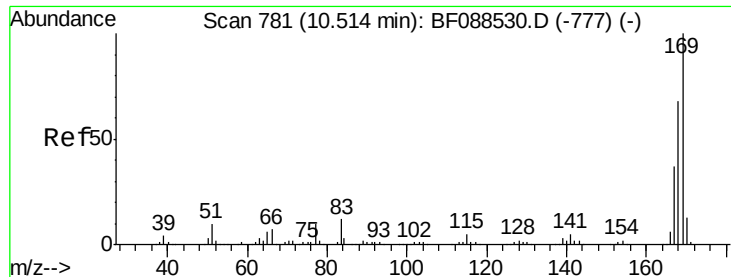
#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.49 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:198 Resp: 26297
 Ion Ratio Lower Upper
 198 100
 51 38.8 39.6 79.6#
 105 49.0 36.6 76.6



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

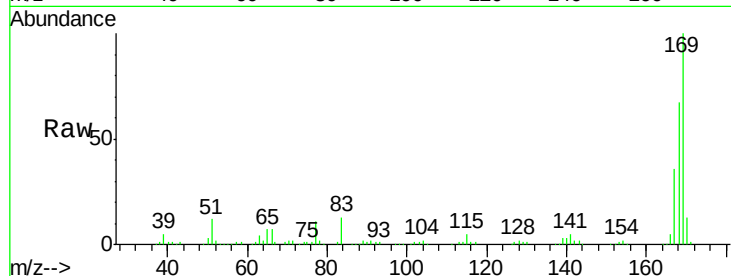




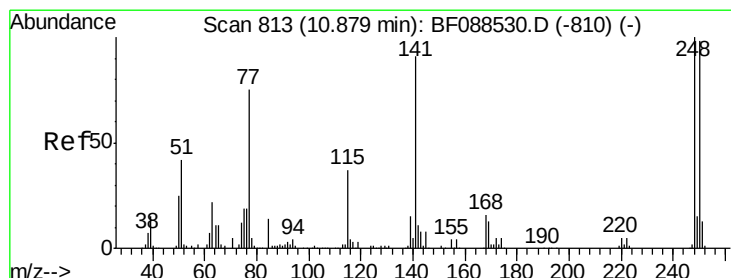
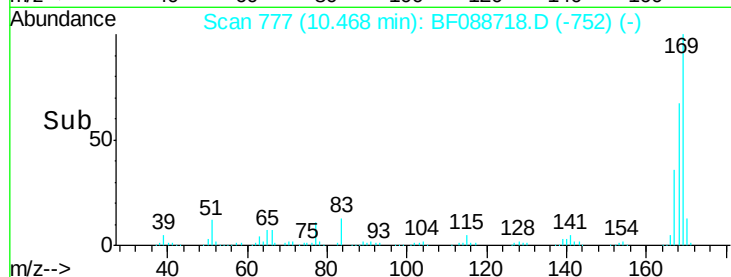
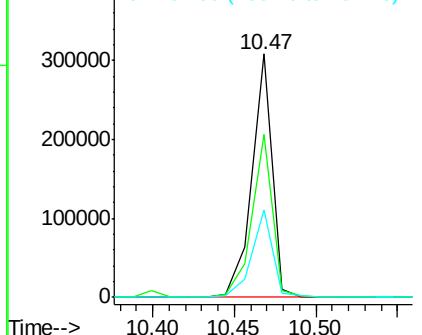
#65
 n-Nitrosodiphenylamine
 Concen: 21.53 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion:169 Resp: 265500
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 36.0 29.4 44.0

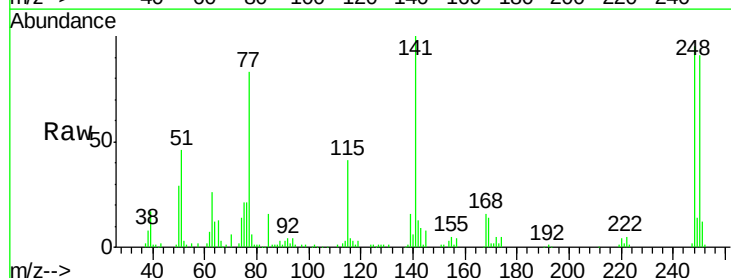


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

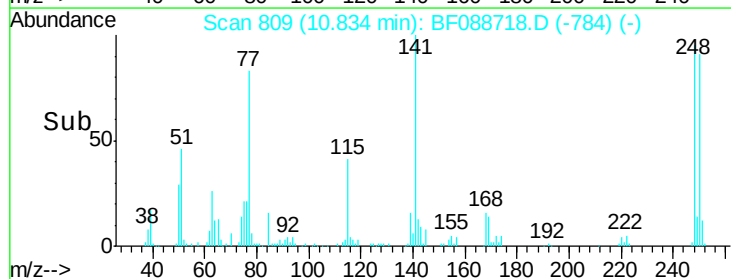
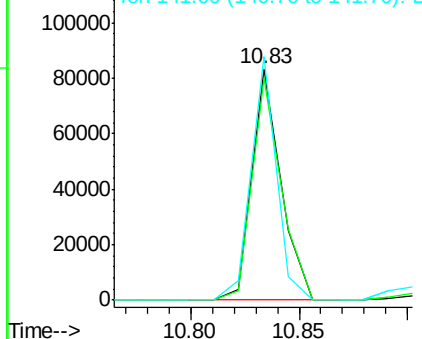


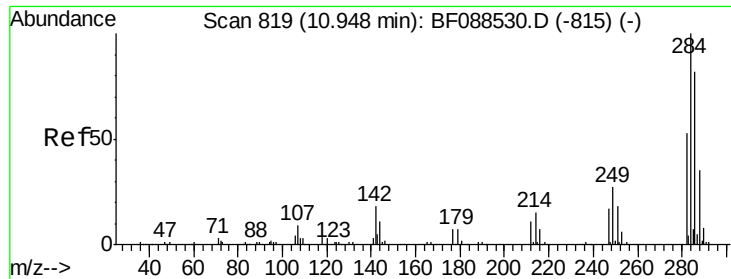
#66
 4-Bromophenyl-phenylether
 Concen: 21.01 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:248 Resp: 77157
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.1 115.7
 141 105.2 50.6 76.0#



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

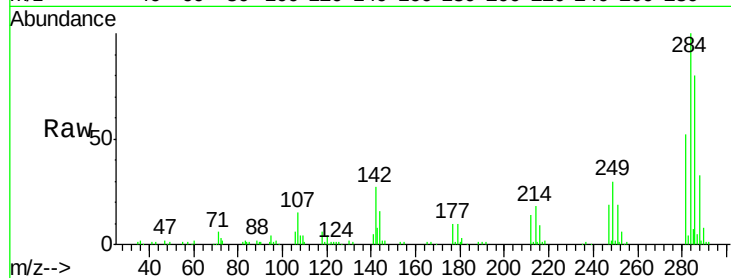




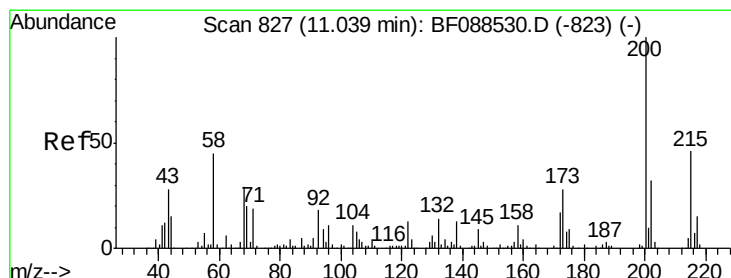
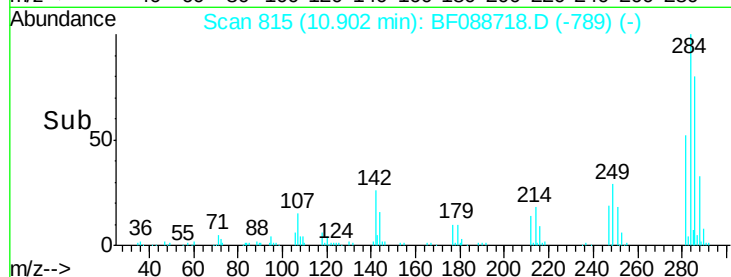
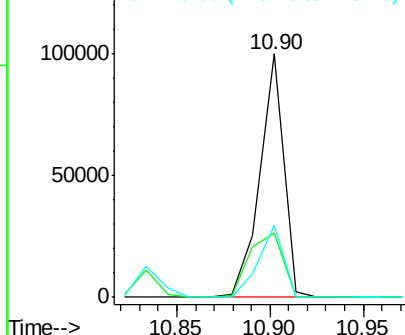
#67
Hexachlorobenzene
Concen: 21.66 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:284 Resp: 88057
Ion Ratio Lower Upper
284 100
142 26.7 35.8 53.8#
249 29.7 25.8 38.6

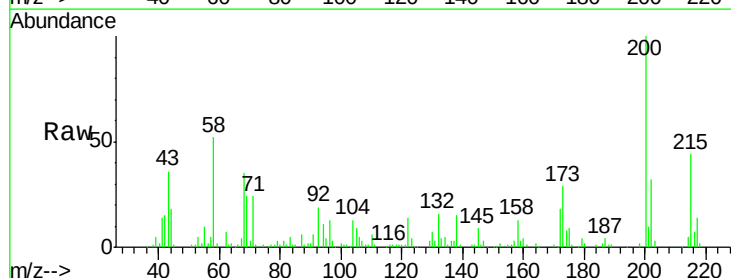


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

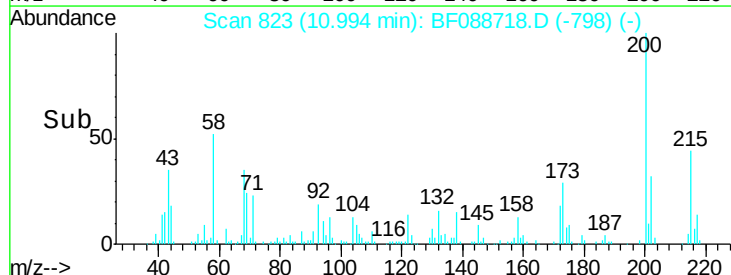
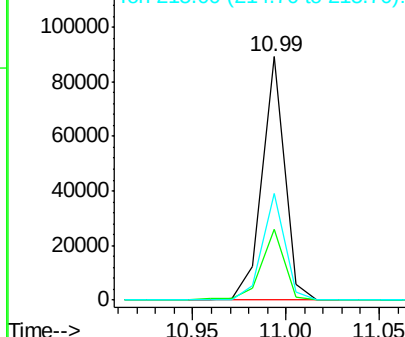


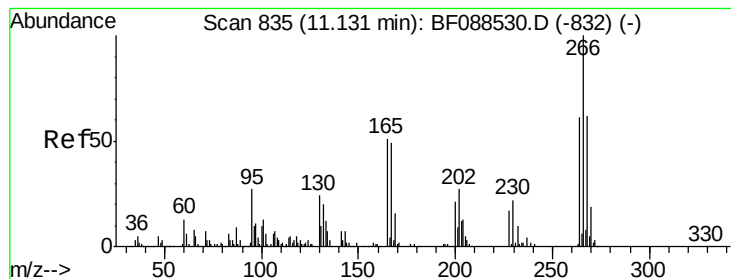
#68
Atrazine
Concen: 19.23 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:200 Resp: 73916
Ion Ratio Lower Upper
200 100
173 29.2 4.0 44.0
215 44.0 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: 43.03 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

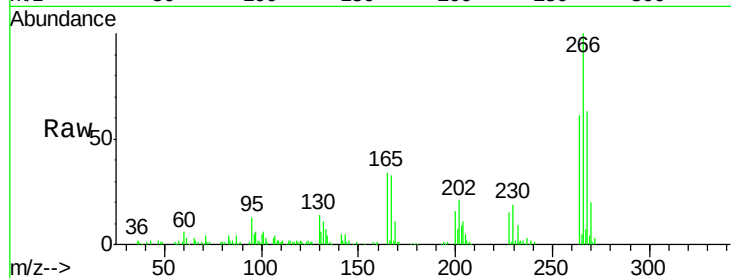
Tgt Ion:266 Resp: 103521

Ion Ratio Lower Upper

266 100

268 63.2 52.8 79.2

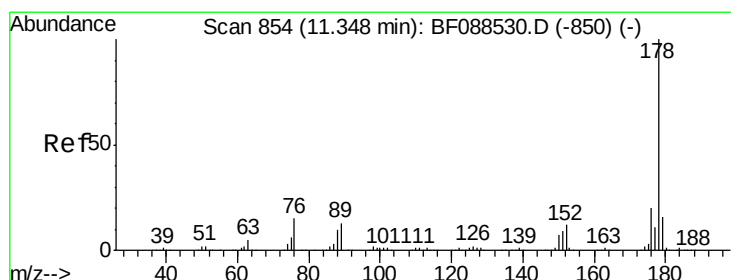
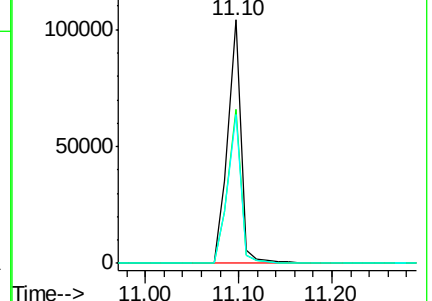
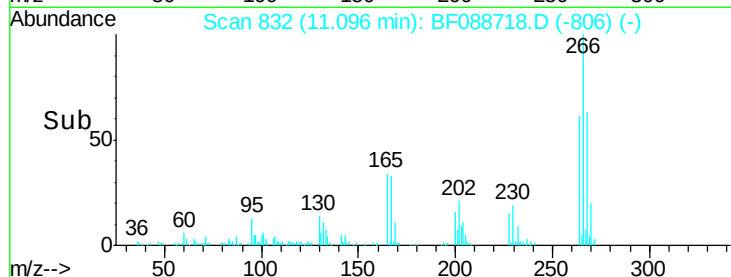
264 61.2 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 20.68 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

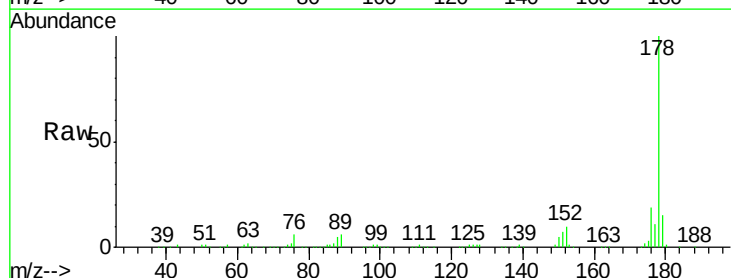
Tgt Ion:178 Resp: 411933

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

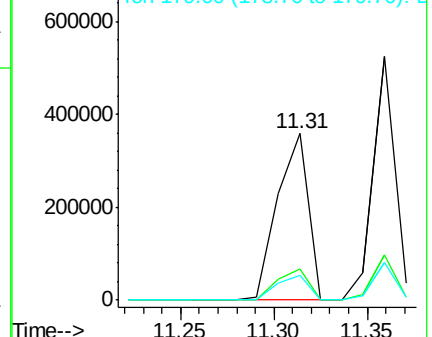
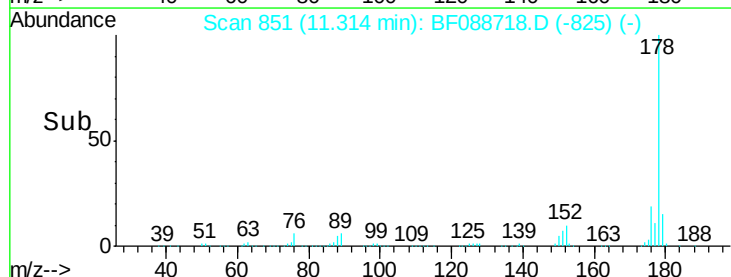
179 15.0 13.0 19.4

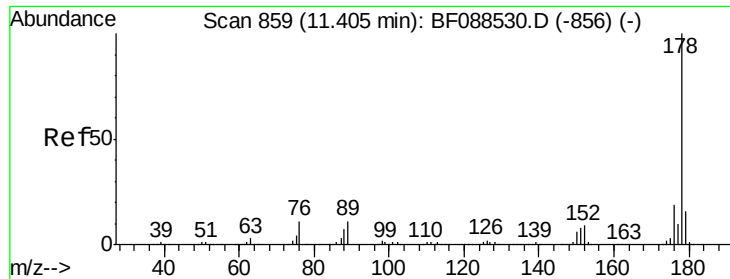


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

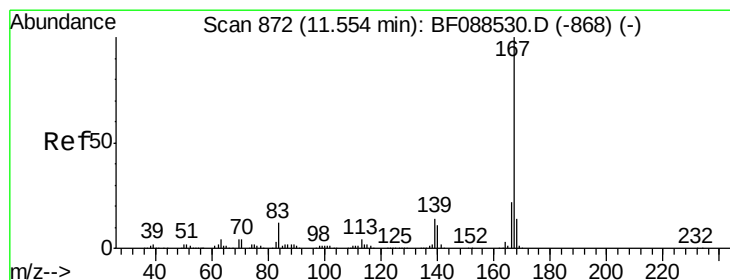
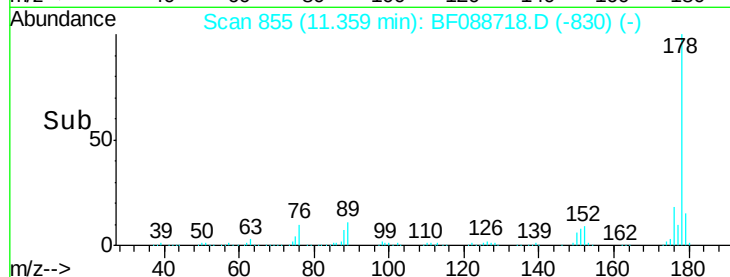
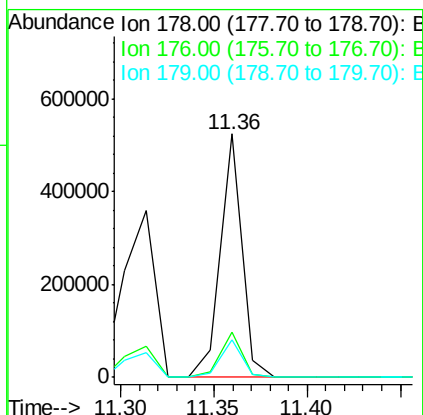
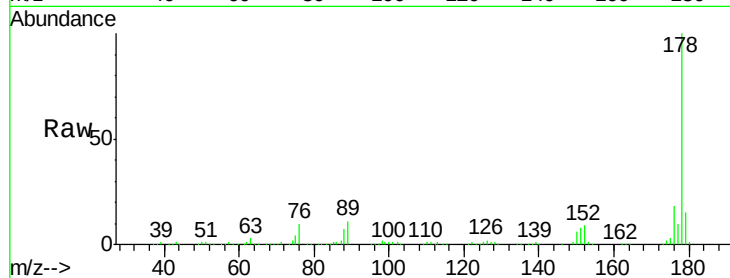




#71
 Anthracene
 Concen: 21.48 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

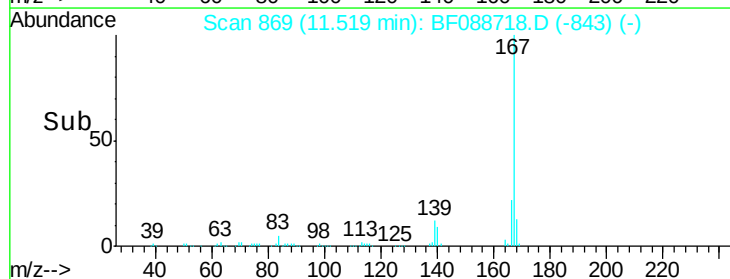
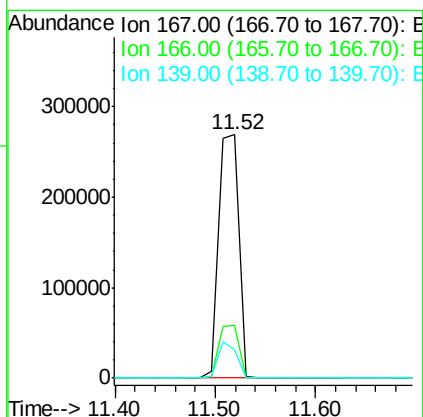
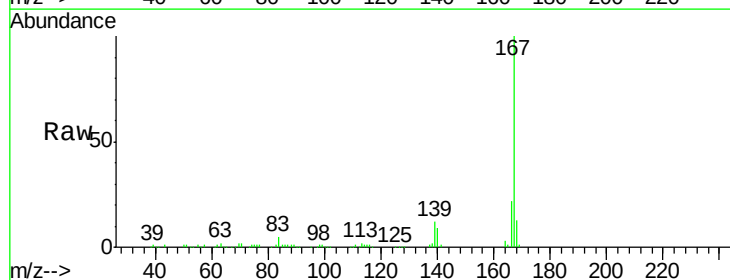
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

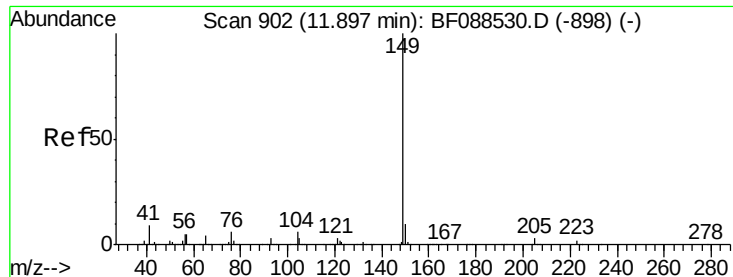
Tgt Ion:178 Resp: 425474
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.6 23.4
 179 15.3 12.8 19.2



#72
 Carbazole
 Concen: 20.09 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:167 Resp: 374468
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 11.5 11.2 16.8

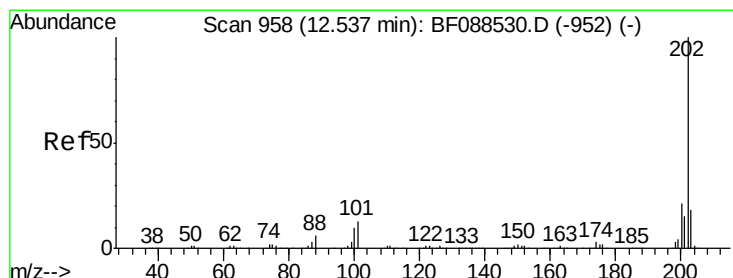
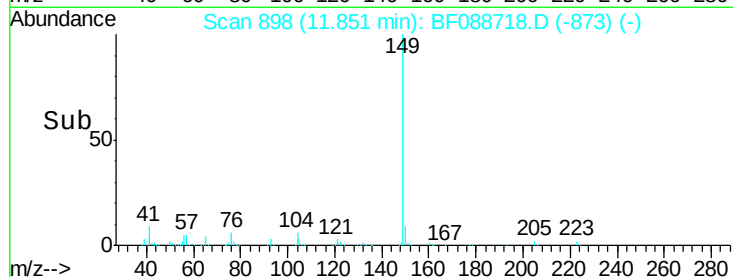
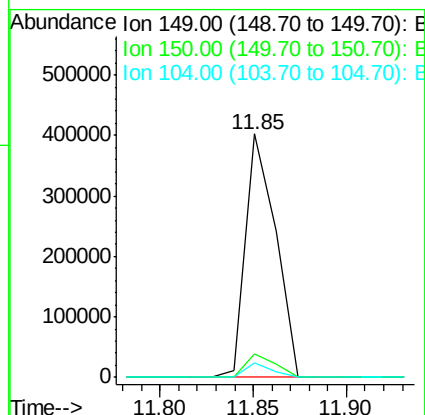
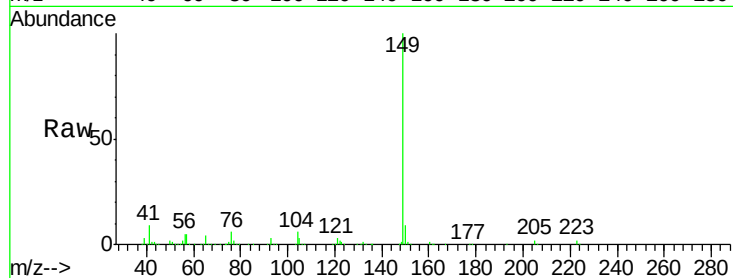




#73
Di-n-butylphthalate
Concen: 20.76 ng
RT: 11.85 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

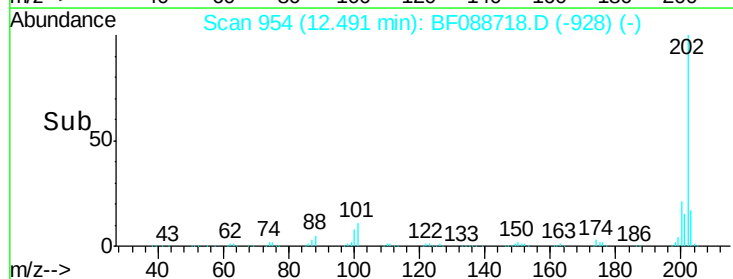
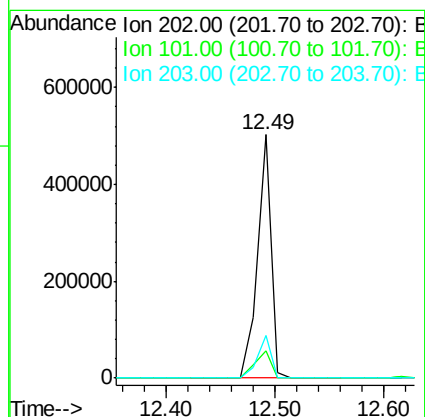
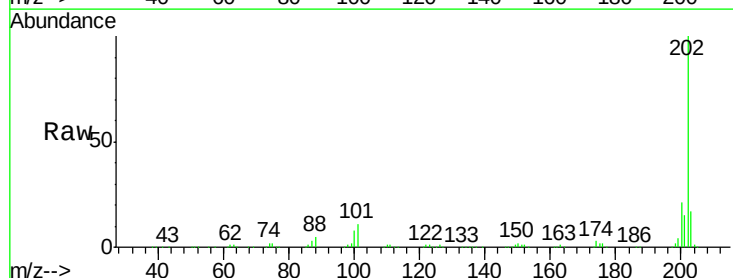
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

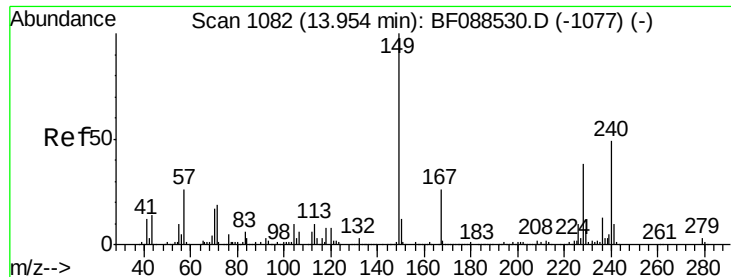
Tgt Ion:149 Resp: 450177
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 5.9 4.0 6.0



#74
Fluoranthene
Concen: 21.84 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:202 Resp: 440992
Ion Ratio Lower Upper
202 100
101 11.0 0.0 33.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

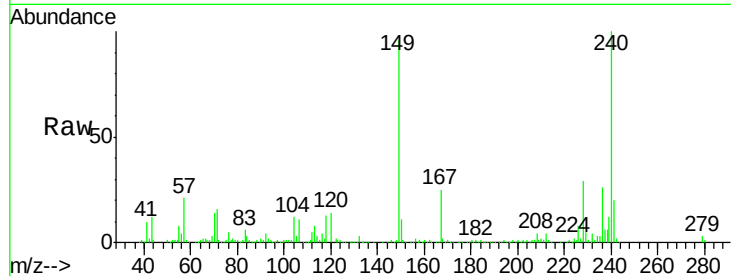
Tgt Ion:240 Resp: 258925

Ion Ratio Lower Upper

240 100

120 14.4 6.8 10.2#

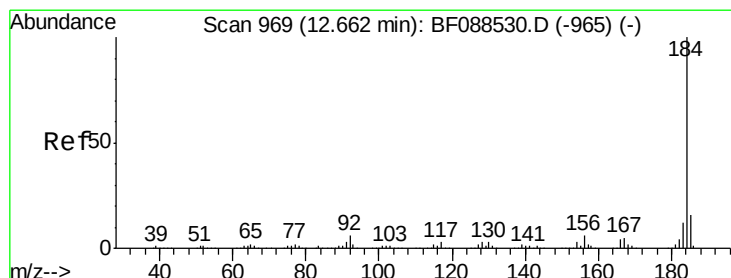
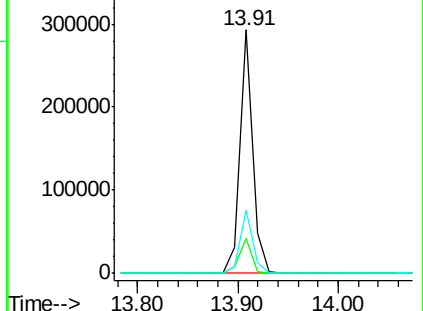
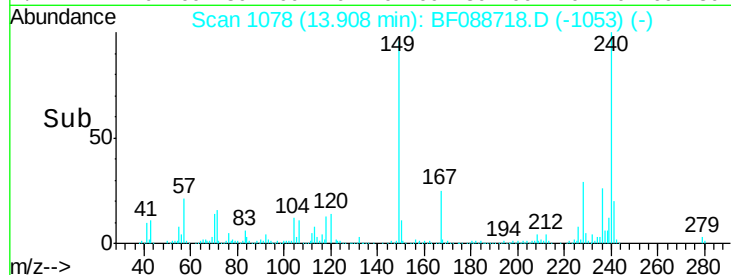
236 26.0 20.2 30.2



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: 22.61 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

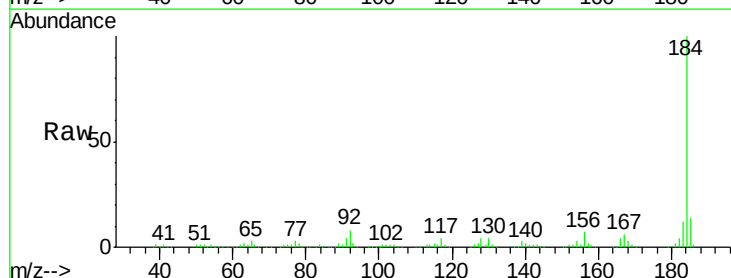
Tgt Ion:184 Resp: 295890

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

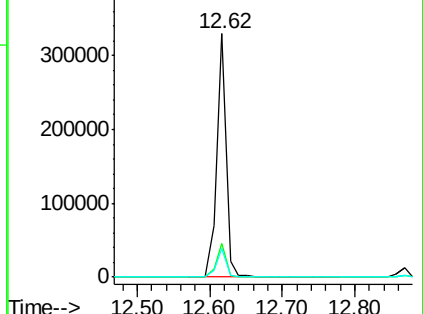
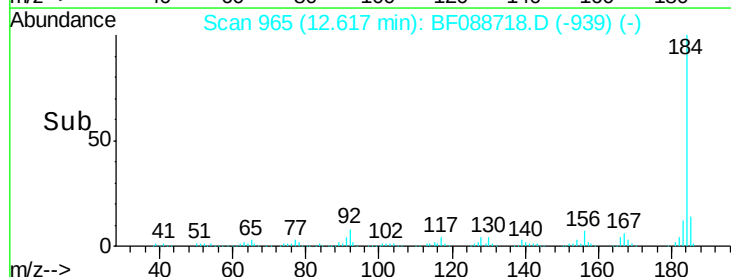
183 11.8 9.3 13.9

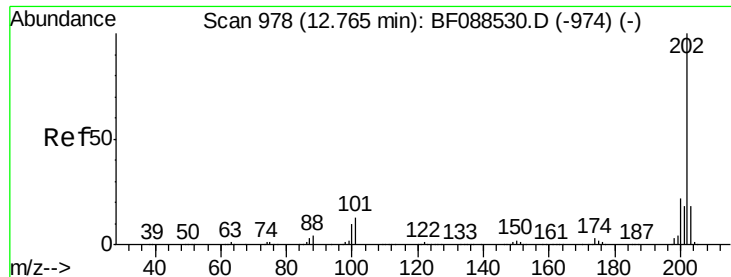


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

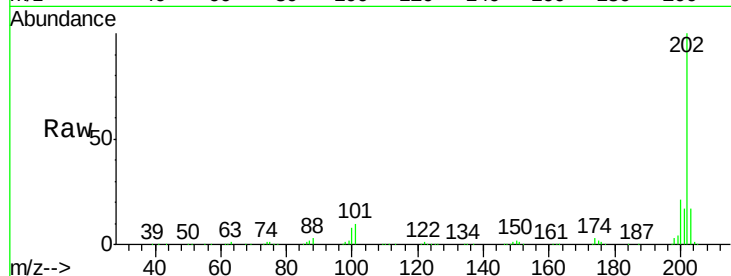




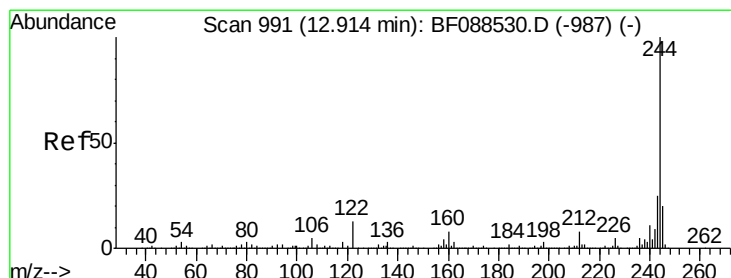
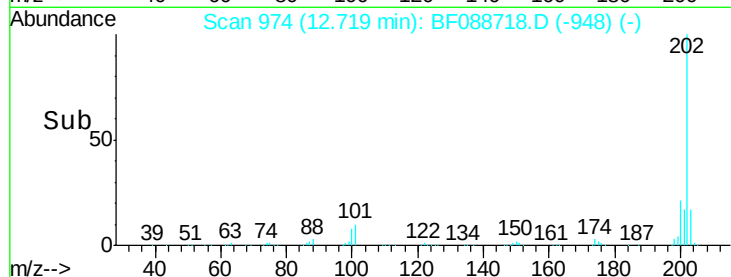
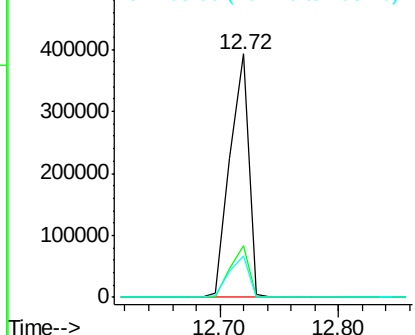
#77
Pyrene
 Concen: 19.64 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion:202 Resp: 431074
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.4 26.2
 203 16.8 14.5 21.7

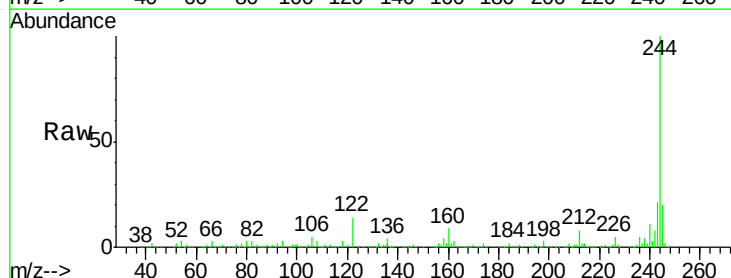


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

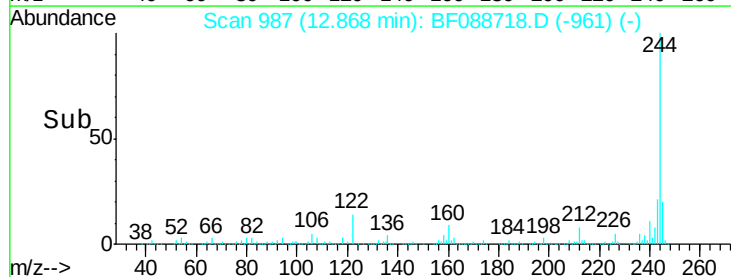
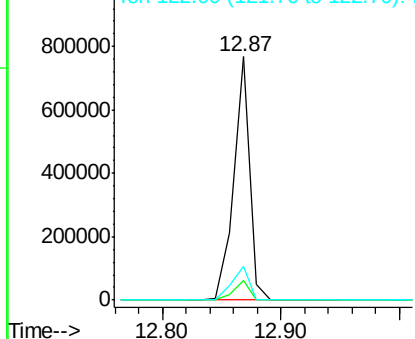


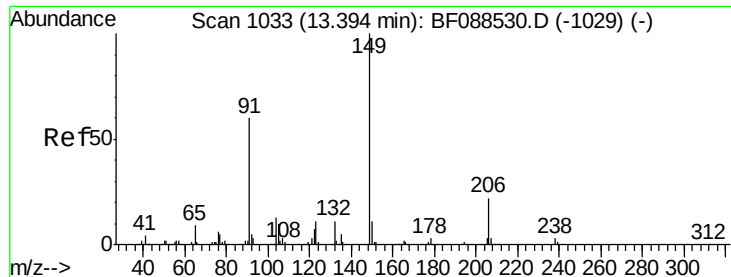
#78
Terphenyl-d14
 Concen: 61.19 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:244 Resp: 711313
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 14.0 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

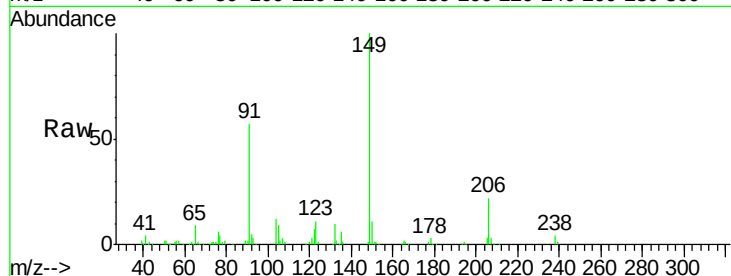




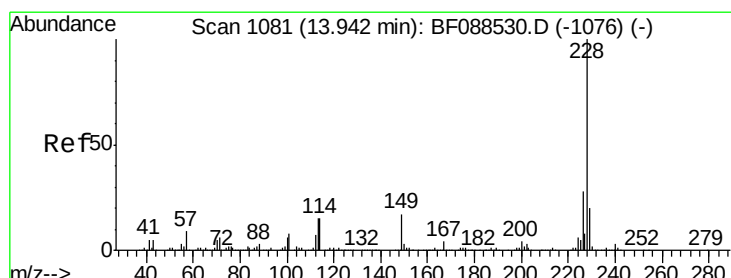
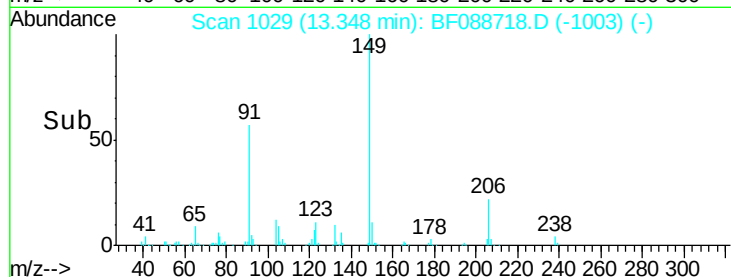
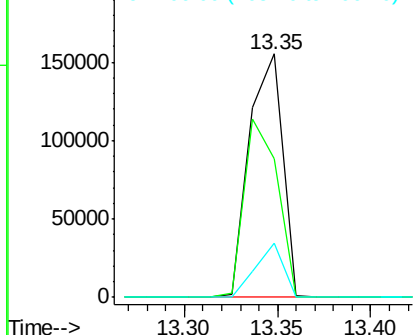
#79
Butylbenzylphthalate
Concen: 19.55 ng
RT: 13.35 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

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

Tgt Ion:149 Resp: 191491
Ion Ratio Lower Upper
149 100
91 57.0 48.0 72.0
206 22.4 16.0 24.0

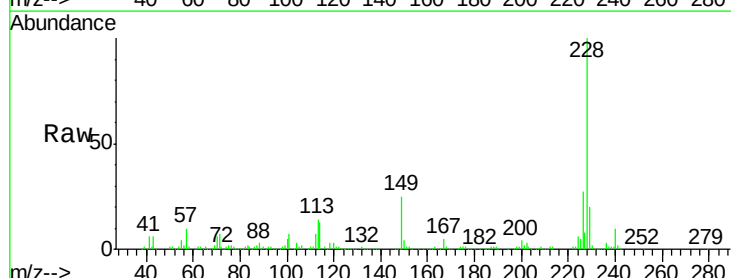


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

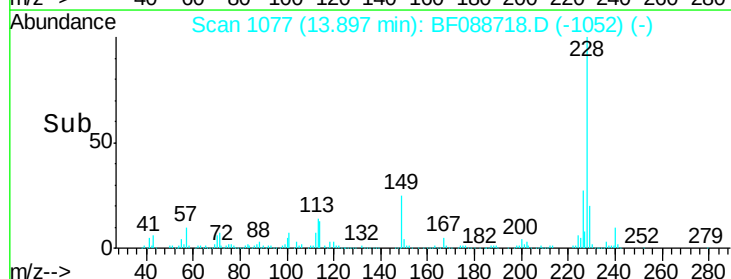
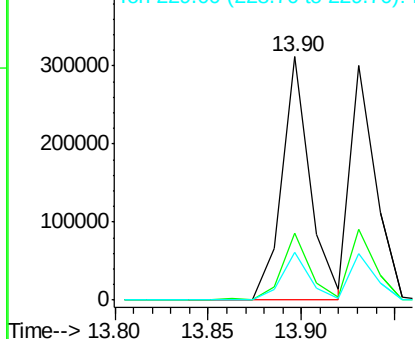


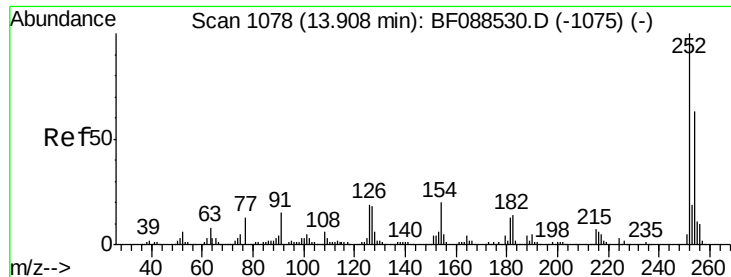
#80
Benzo(a)anthracene
Concen: 19.61 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF088718.D
Acq: 5 Jul 2016 22:38

Tgt Ion:228 Resp: 326957
Ion Ratio Lower Upper
228 100
226 27.4 22.3 33.5
229 19.9 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

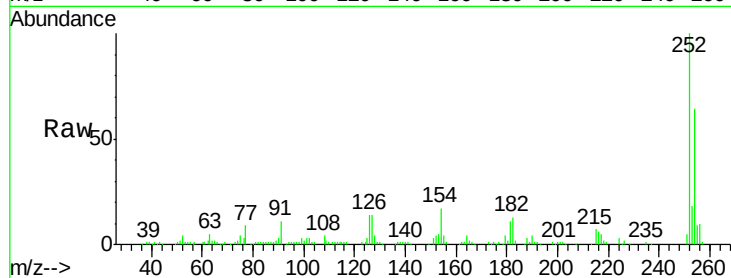




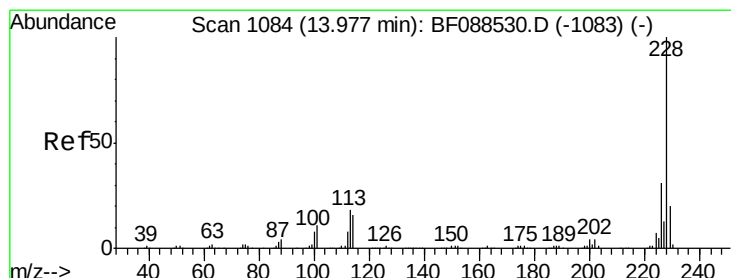
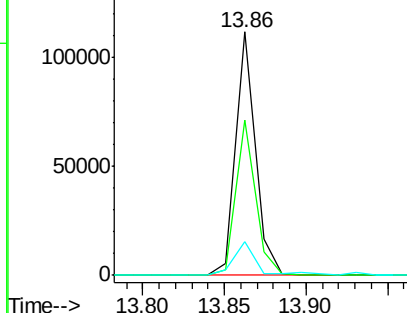
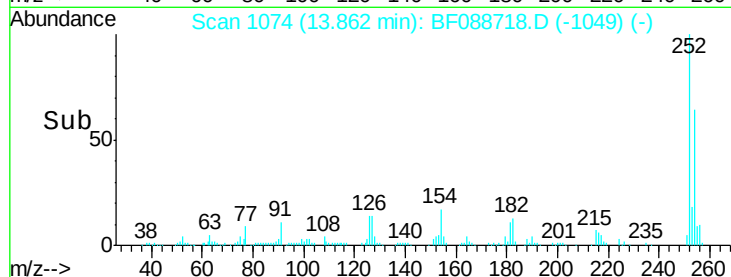
#81
 3,3'-Dichlorobenzidine
 Concen: 14.80 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion:252 Resp: 92770
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.6 78.8
 126 13.8 6.2 9.2#

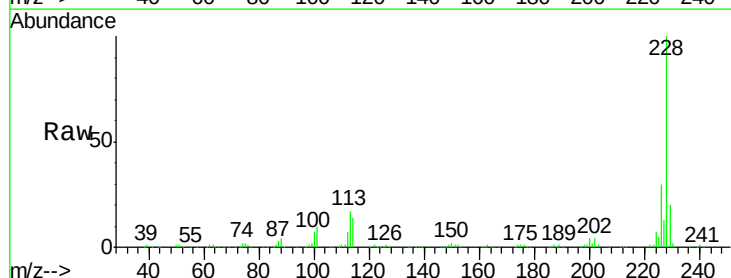


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

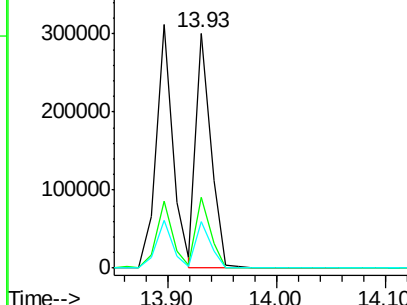
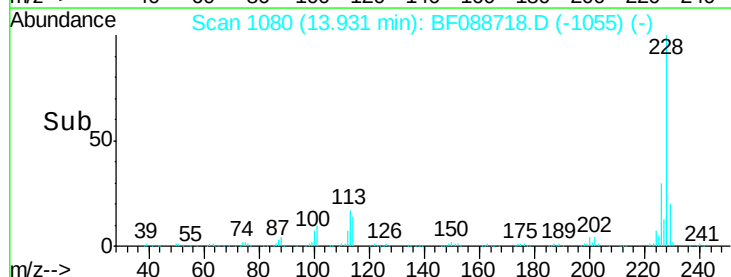


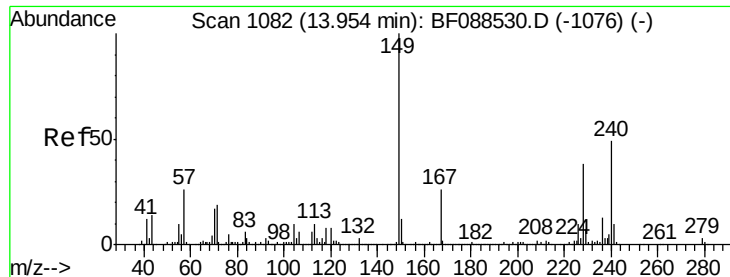
#82
 Chrysene
 Concen: 17.49 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:228 Resp: 288481
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.4 38.2
 229 19.9 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

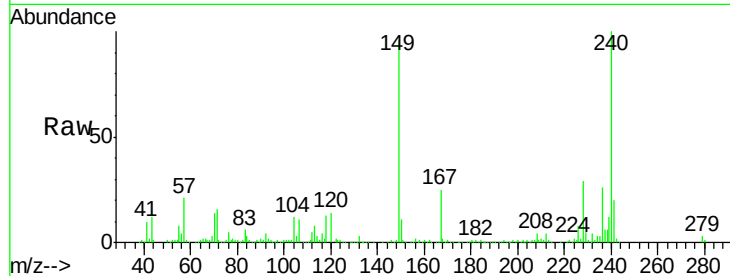




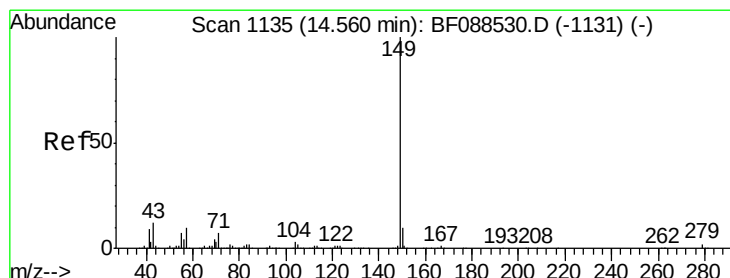
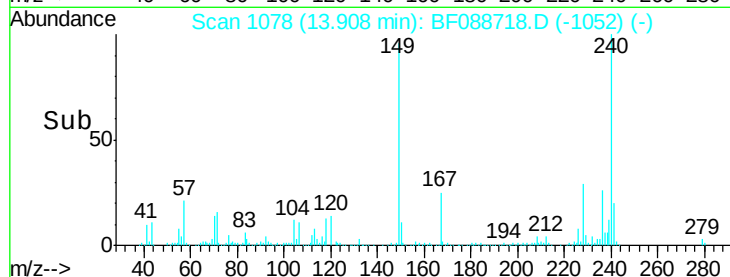
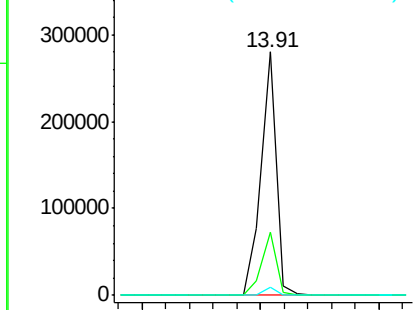
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.87 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

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

Tgt Ion:149 Resp: 255680
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.5 30.7
 279 3.3 2.0 3.0#

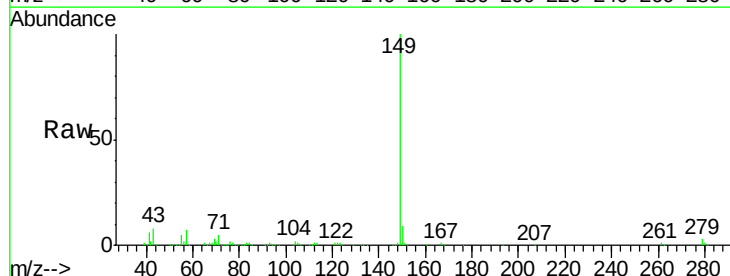


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

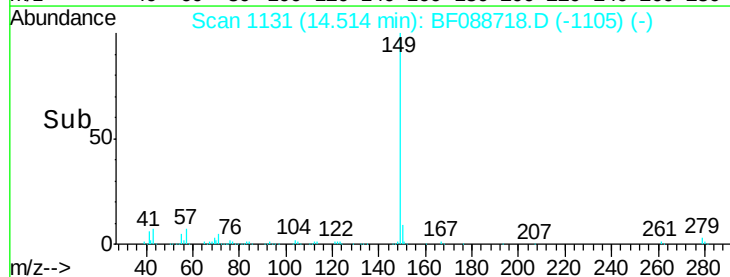
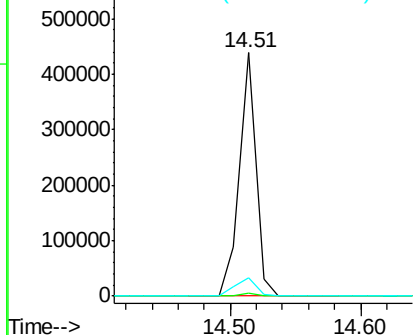


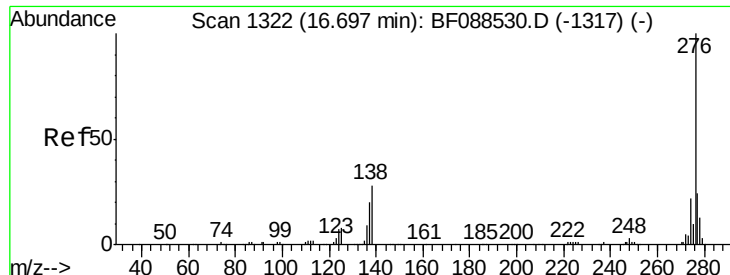
#84
 Di-n-octyl phthalate
 Concen: 20.33 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion:149 Resp: 386151
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

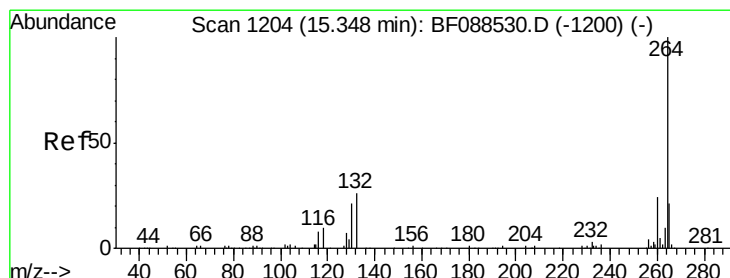
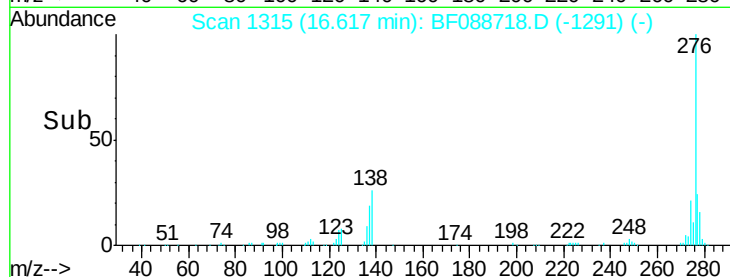
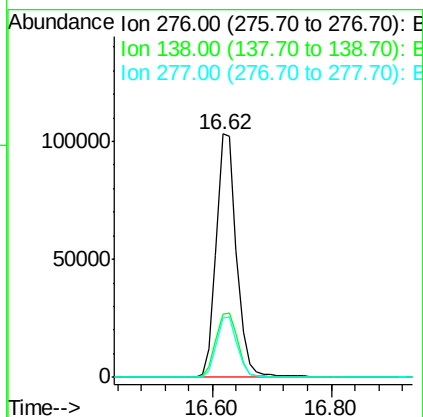
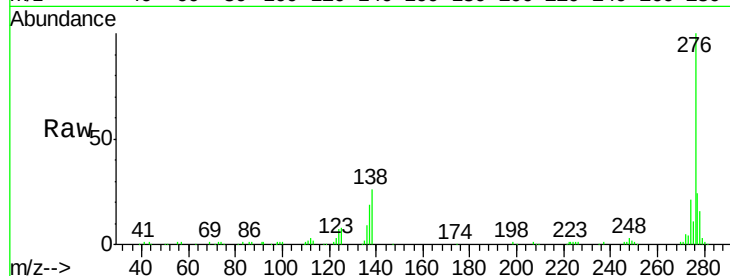




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.36 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

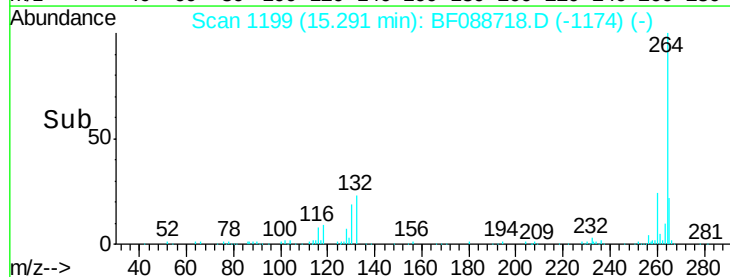
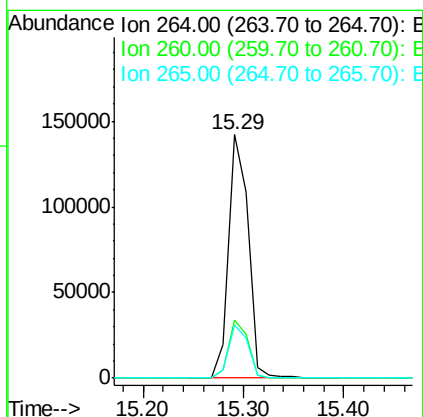
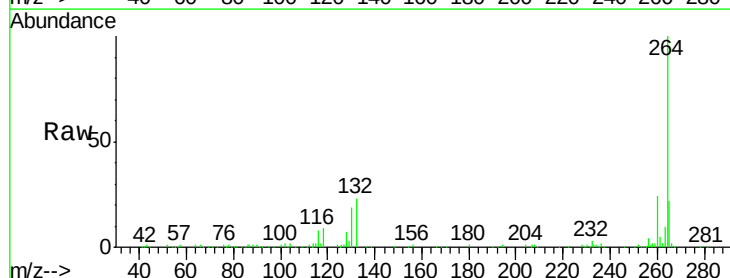
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

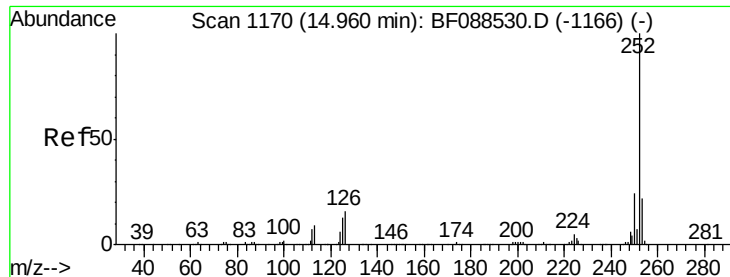
Tgt Ion: 276 Resp: 245642
 Ion Ratio Lower Upper
 276 100
 138 28.7 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF088718.D
 Acq: 5 Jul 2016 22:38

Tgt Ion: 264 Resp: 192758
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.5 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 39.25 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

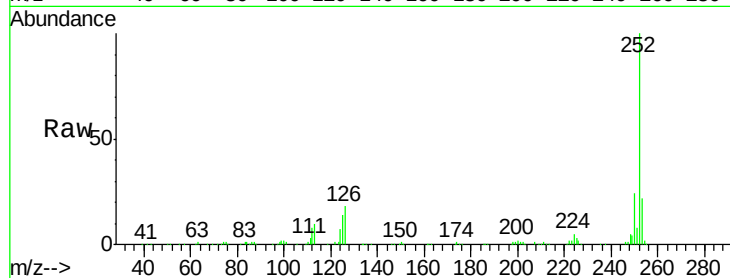
Tgt Ion:252 Resp: 474570

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

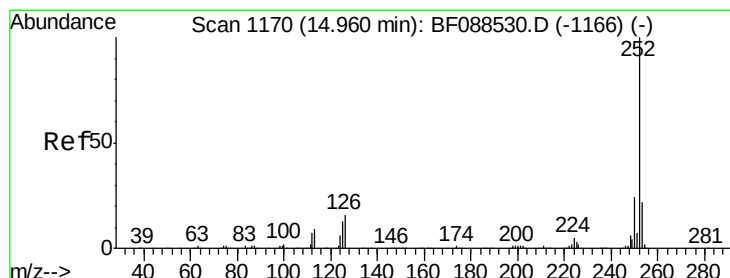
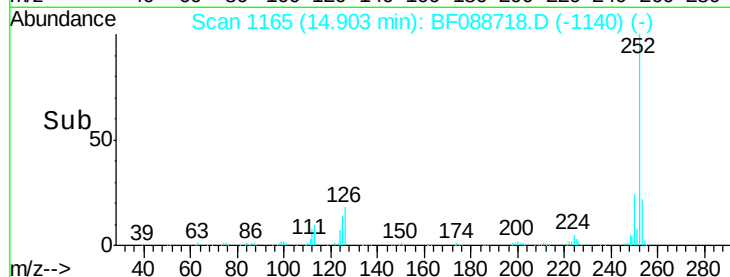
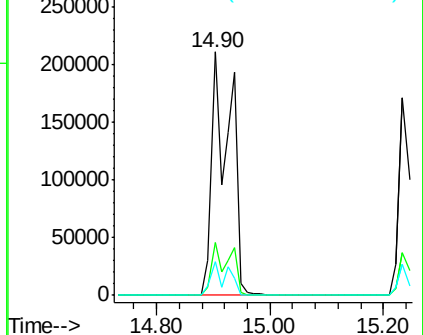
125 14.0 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.08 ng

RT: 14.90 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

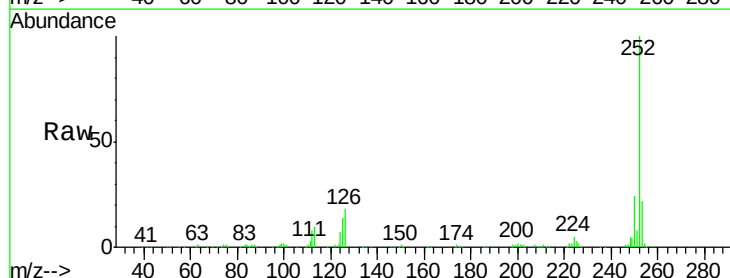
Tgt Ion:252 Resp: 474570

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

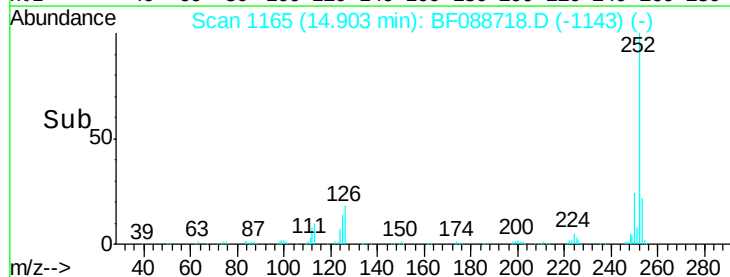
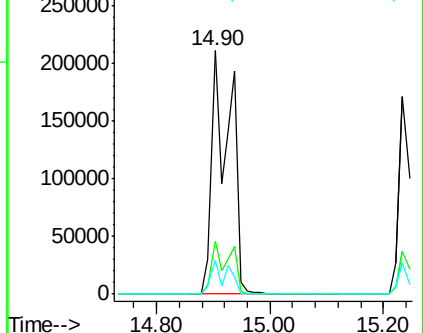
125 14.0 11.2 16.8

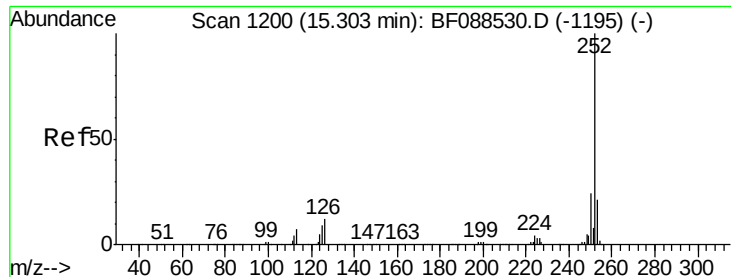


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.07 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

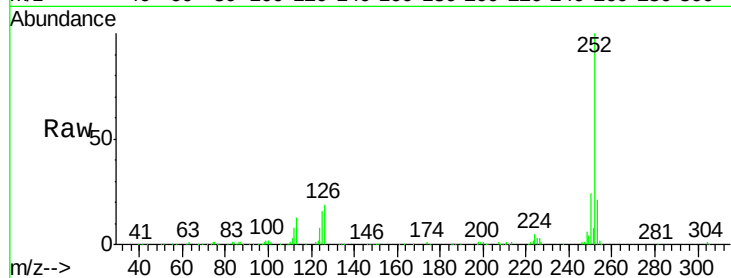
Tgt Ion:252 Resp: 215677

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

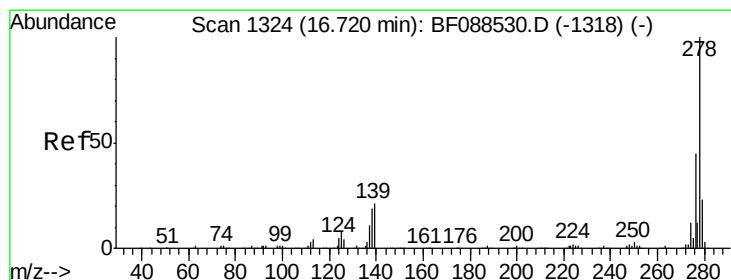
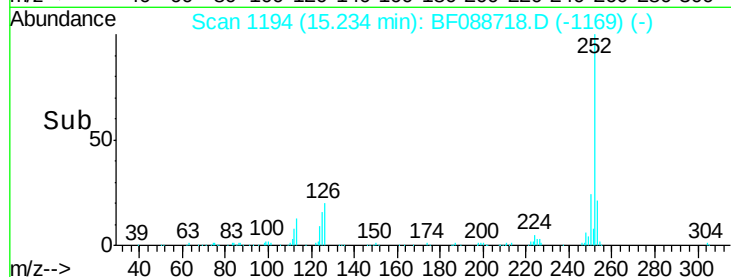
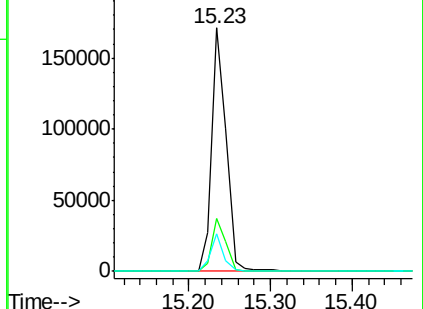
125 15.6 12.5 18.7



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: 24.20 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF088718.D

Acq: 5 Jul 2016 22:38

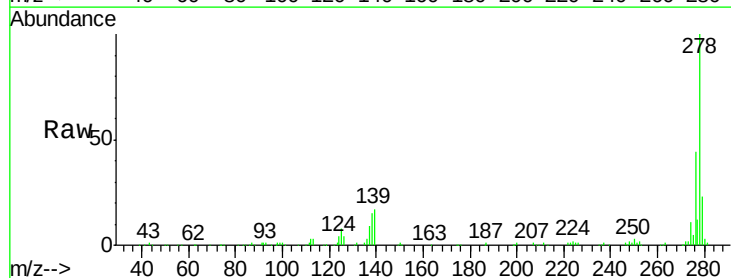
Tgt Ion:278 Resp: 206854

Ion Ratio Lower Upper

278 100

139 17.2 15.7 23.5

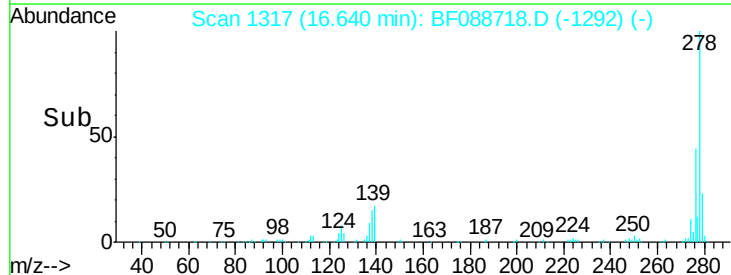
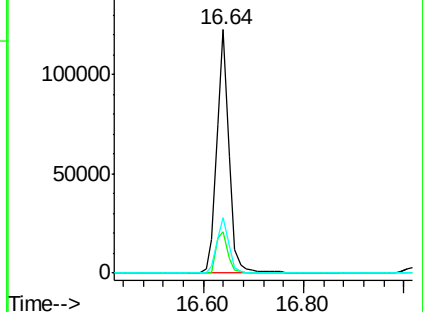
279 23.0 19.4 29.2

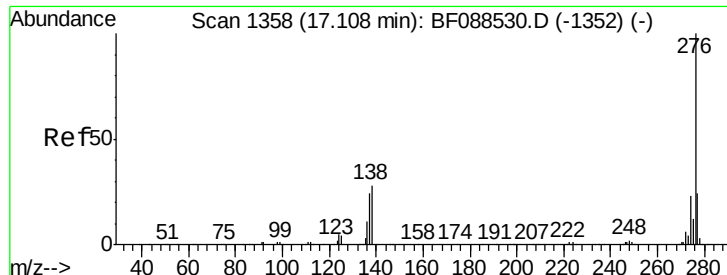


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 23.83 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF088718.D

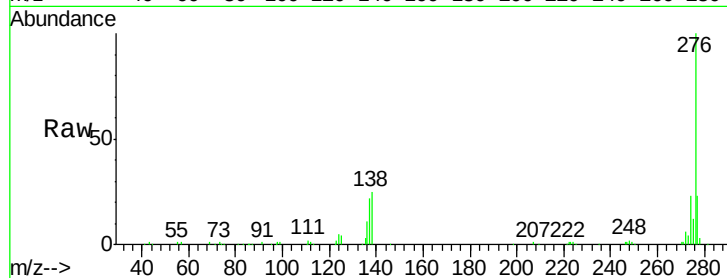
Acq: 5 Jul 2016 22:38

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS



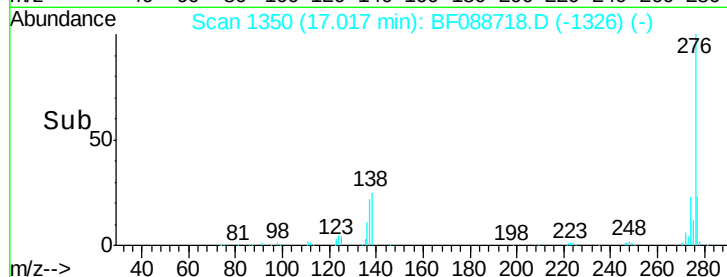
Tgt Ion: 276 Resp: 210842

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 25.3 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

