

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088614.D
 Acq On : 2 Jul 2016 13:46
 Operator : UM/SJ
 Sample : H3871-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 03 03:02:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113135	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	474038	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	199835	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	347192	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	212681	20.00	ng	-0.02
86) Perylene-d12	15.33	264	233378	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	692649	91.76	ng	-0.01
7) Phenol-d6	6.43	99	968747	99.32	ng	-0.01
23) Nitrobenzene-d5	7.36	82	614305	67.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	176678	95.21	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	883906	69.87	ng	-0.02
78) Terphenyl-d14	12.89	244	594713	62.28	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	82672	22.09	ng	# 35
3) Pyridine	3.07	79	120460	11.09	ng	96
4) n-Nitrosodimethylamine	3.00	42	55796	13.45	ng	89
6) Aniline	6.44	93	137326	9.66	ng	# 10
8) 2-Chlorophenol	6.58	128	114933	14.17	ng	81
9) Benzaldehyde	6.33	77	82568	12.50	ng	83
10) Phenol	6.44	94	164000	14.73	ng	78
11) bis(2-Chloroethyl)ether	6.52	93	116633	14.05	ng	97
12) 1,3-Dichlorobenzene	6.73	146	128554	14.40	ng	98
13) 1,4-Dichlorobenzene	6.81	146	139684	15.76	ng	98
14) 1,2-Dichlorobenzene	6.81	146	139684	16.84	ng	94
15) Benzyl Alcohol	6.94	79	132867	18.51	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	166709	13.87	ng	89
17) 2-Methylphenol	7.05	107	107042	16.17	ng	99
18) Hexachloroethane	7.31	117	47946	13.99	ng	91
19) n-Nitroso-di-n-propylamine	7.21	70	102989	15.72	ng	89
20) 3+4-Methylphenols	7.20	107	136573	17.19	ng	# 49
22) Acetophenone	7.20	105	176540	15.34	ng	# 86
24) Nitrobenzene	7.37	77	129818	14.23	ng	# 78
25) Isophorone	7.61	82	241789	14.43	ng	# 93
26) 2-Nitrophenol	7.69	139	61117	16.34	ng	97
27) 2,4-Dimethylphenol	7.74	122	127705	16.39	ng	93
28) bis(2-Chloroethoxy)methane	7.83	93	154278	14.15	ng	# 93
29) 2,4-Dichlorophenol	7.93	162	92640	14.72	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	110322	15.97	ng	98
31) Naphthalene	8.10	128	386320	16.53	ng	98
32) Benzoic acid	7.82	122	41032	7.26	ng	96
33) 4-Chloroaniline	8.15	127	105383	10.14	ng	99
34) Hexachlorobutadiene	8.23	225	58958	15.94	ng	99
35) Caprolactam	8.49	113	34034	15.92	ng	89
36) 4-Chloro-3-methylphenol	8.63	107	109963	14.77	ng	90
37) 2-Methylnaphthalene	8.79	142	227488	15.12	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	107000	16.10	ng	# 1
40) Hexachlorocyclopentadiene	8.95	237	99880	30.62	ng	100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088614.D
 Acq On : 2 Jul 2016 13:46
 Operator : UM/SJ
 Sample : H3871-11MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 03 03:02:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	68713	15.68	ng	99
43) 2,4,5-Trichlorophenol	9.11	196	77140	20.46	ng #	96
45) 1,1'-Biphenyl	9.26	154	312439	18.88	ng	98
46) 2-Chloronaphthalene	9.28	162	232973	17.93	ng	96
47) 2-Nitroaniline	9.37	65	80409	17.44	ng	93
48) Acenaphthylene	9.69	152	371637	17.98	ng	99
49) Dimethylphthalate	9.55	163	370332	26.01	ng	100
50) 2,6-Dinitrotoluene	9.61	165	53562	16.97	ng #	45
51) Acenaphthene	9.86	154	225150	17.77	ng	99
52) 3-Nitroaniline	9.78	138	51115	12.74	ng #	75
53) 2,4-Dinitrophenol	9.88	184	24004	17.23	ng #	76
54) Dibenzofuran	10.03	168	317809	19.16	ng	92
55) 4-Nitrophenol	9.94	139	140192	45.99	ng	93
56) 2,4-Dinitrotoluene	10.01	165	74488	18.06	ng #	60
57) Fluorene	10.38	166	247417	19.36	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	51027	17.49	ng #	49
59) Diethylphthalate	10.25	149	259724	18.18	ng	96
60) 4-Chlorophenyl-phenylether	10.38	204	104701	17.63	ng #	86
61) 4-Nitroaniline	10.39	138	45774	11.86	ng	93
62) Azobenzene	10.52	77	288965	17.73	ng	91
64) 4,6-Dinitro-2-methylphenol	10.42	198	13193	7.10	ng #	55
65) n-Nitrosodiphenylamine	10.49	169	221311	18.83	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	64127	18.33	ng #	82
67) Hexachlorobenzene	10.92	284	66039	17.05	ng #	76
68) Atrazine	11.02	200	68714	18.77	ng	96
69) Pentachlorophenol	11.12	266	87035	37.97	ng	99
70) Phenanthrene	11.32	178	310223	16.35	ng	98
71) Anthracene	11.38	178	342426	18.15	ng	98
72) Carbazole	11.53	167	270235	15.21	ng	99
73) Di-n-butylphthalate	11.87	149	383541	18.56	ng	99
74) Fluoranthene	12.51	202	299494	15.57	ng	96
76) Benzidine	12.64	184	296961	27.62	ng	98
77) Pyrene	12.74	202	274635	15.23	ng	98
79) Butylbenzylphthalate	13.37	149	130078	16.17	ng	96
80) Benzo(a)anthracene	13.92	228	209136	15.27	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	67940	13.20	ng #	96
82) Chrysene	13.95	228	195113	14.40	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	172455	18.78	ng	98
84) Di-n-octyl phthalate	14.54	149	275572	17.66	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	224075	21.50	ng #	100
87) Benzo(b)fluoranthene	14.96	252	415259	28.36	ng #	97
88) Benzo(k)fluoranthene	14.96	252	415259	32.58	ng	97
89) Benzo(a)pyrene	15.27	252	209256	16.88	ng	97
90) Dibenzo(a,h)anthracene	16.69	278	189351	18.29	ng	97
91) Benzo(g,h,i)perylene	17.06	276	178359	16.65	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

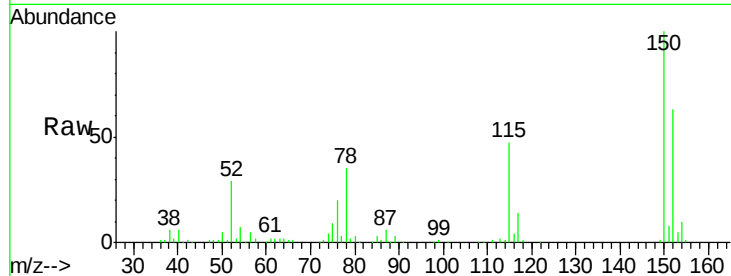
Tgt Ion:152 Resp: 113135

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

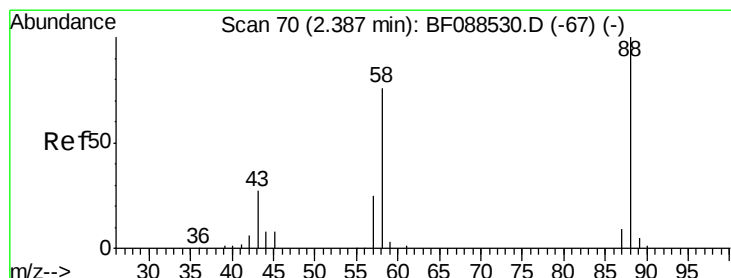
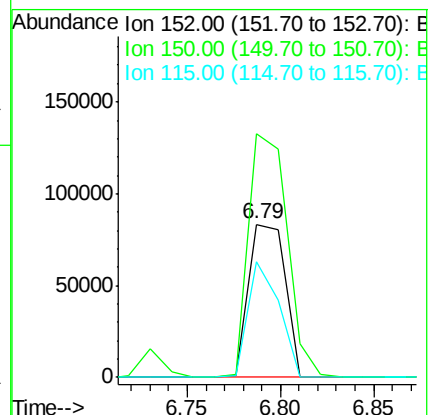
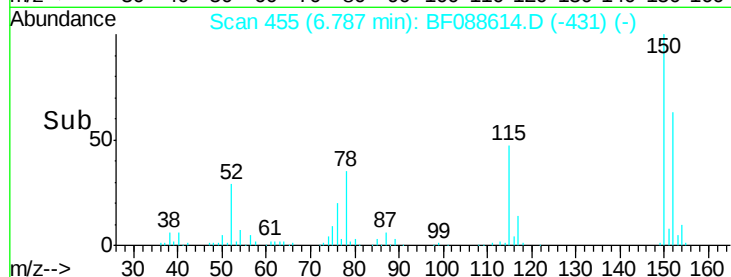
115 75.2 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 22.09 ng

RT: 2.39 min Scan# 70

Delta R.T. -0.00 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

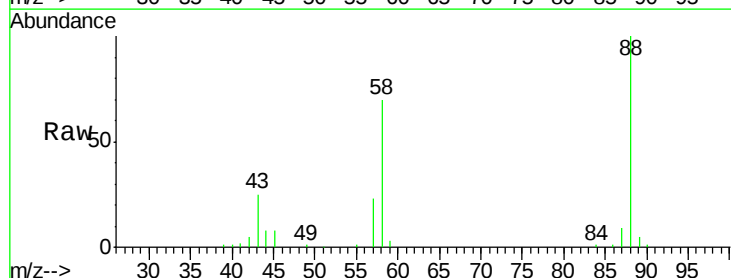
Tgt Ion: 88 Resp: 82672

Ion Ratio Lower Upper

88 100

58 71.0 0.0 0.0#

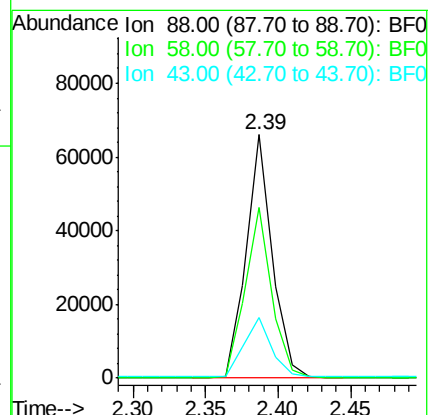
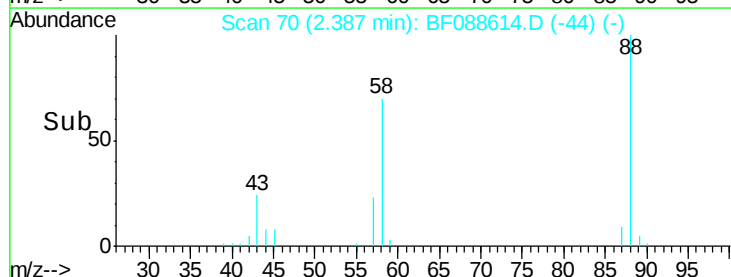
43 25.7 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 11.09 ng

RT: 3.07 min Scan# 130

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

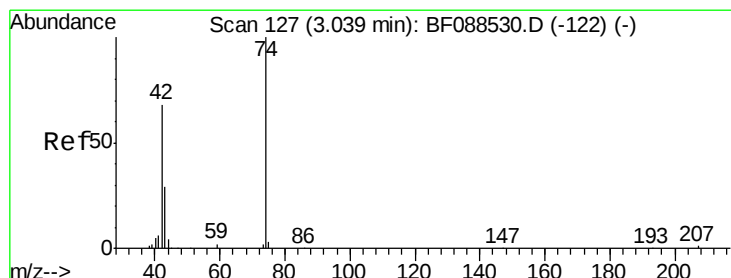
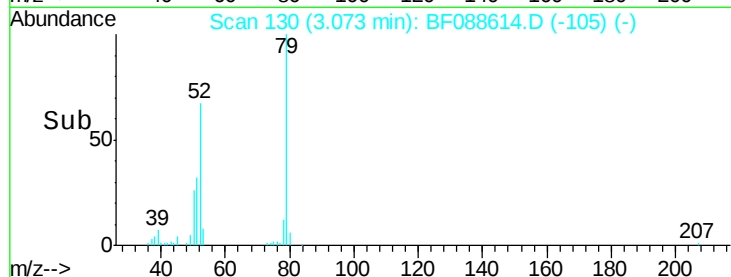
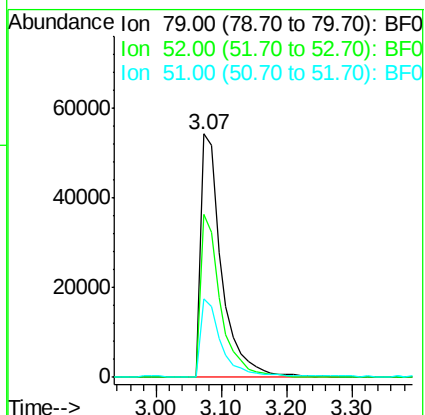
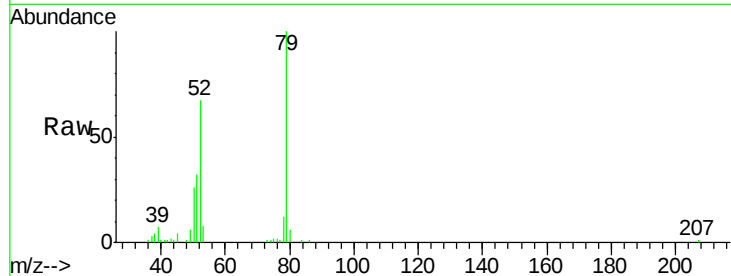
Tgt Ion: 79 Resp: 120460

Ion Ratio Lower Upper

79 100

52 66.9 56.3 84.5

51 32.5 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 13.45 ng

RT: 3.00 min Scan# 124

Delta R.T. -0.03 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

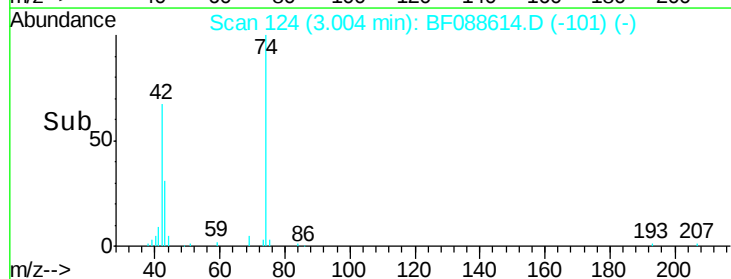
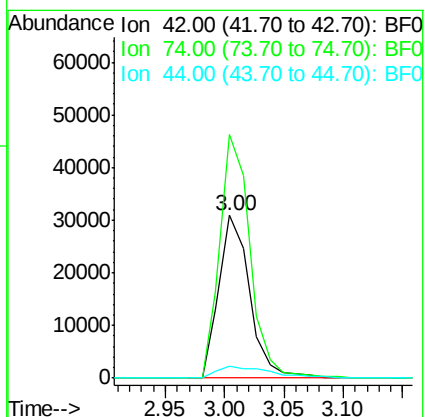
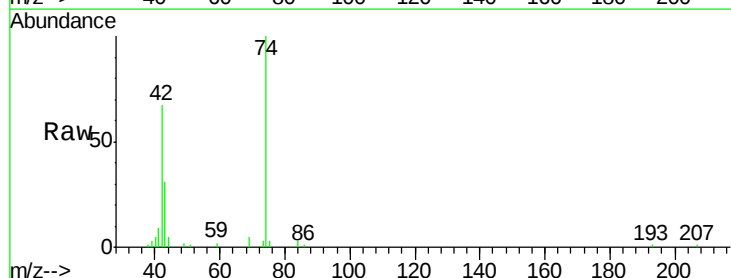
Tgt Ion: 42 Resp: 55796

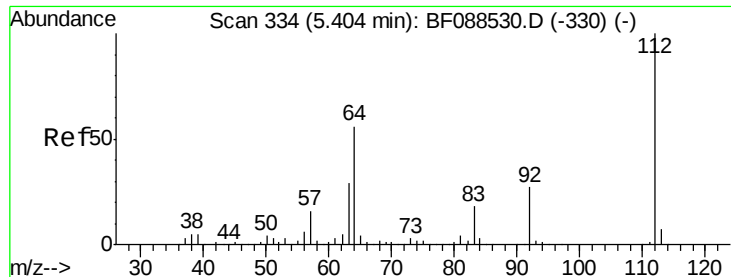
Ion Ratio Lower Upper

42 100

74 149.7 108.6 163.0

44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 91.76 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

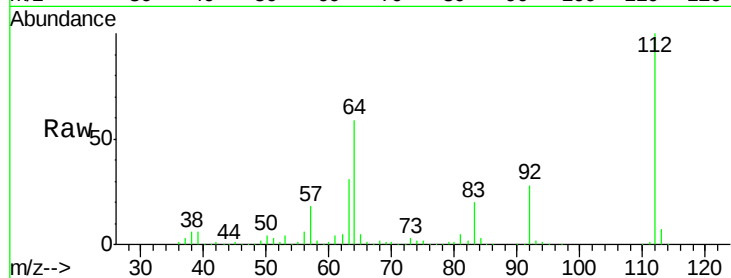
Tgt Ion: 112 Resp: 692649

Ion Ratio Lower Upper

112 100

64 59.2 42.2 63.2

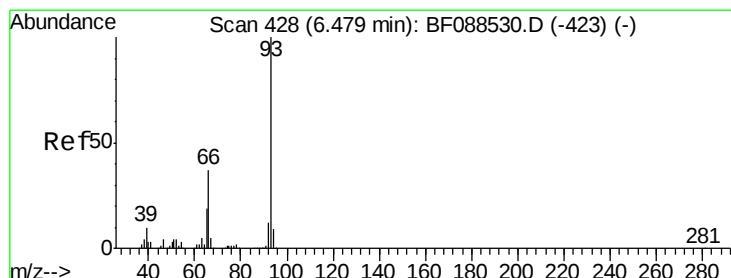
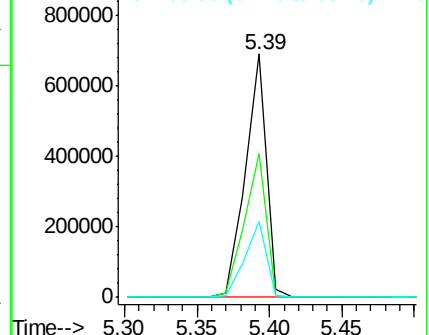
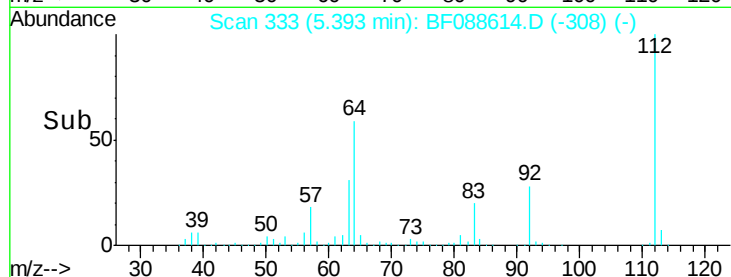
63 31.0 21.8 32.8



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: 9.66 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

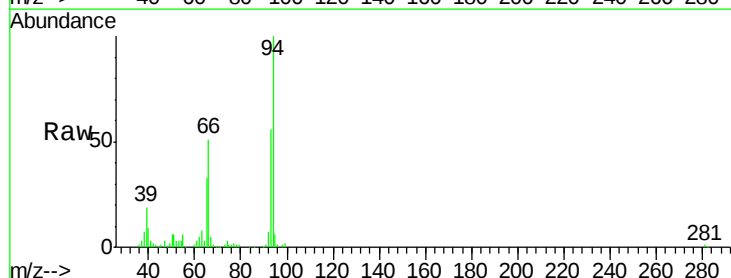
Tgt Ion: 93 Resp: 137326

Ion Ratio Lower Upper

93 100

66 91.5 29.8 44.8#

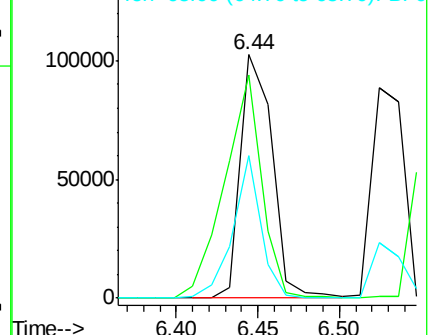
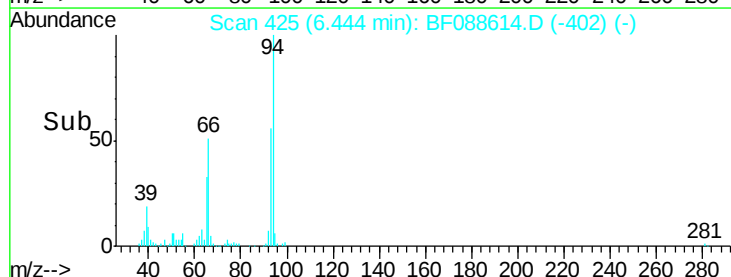
65 58.5 14.9 22.3#

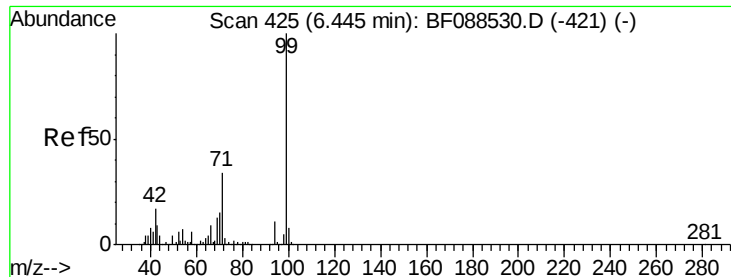


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.32 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

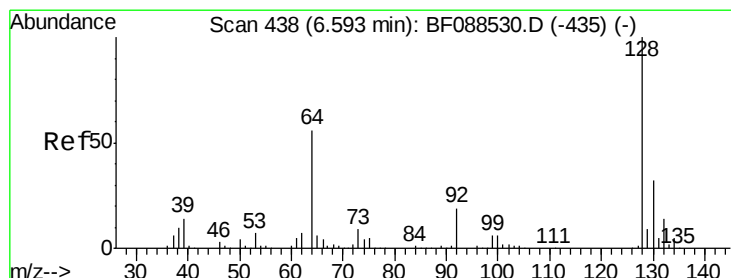
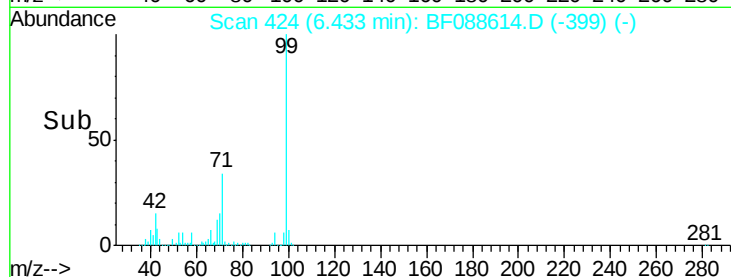
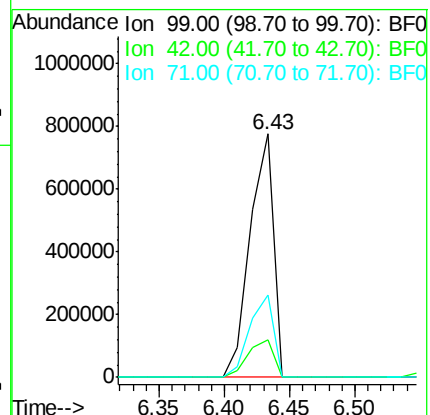
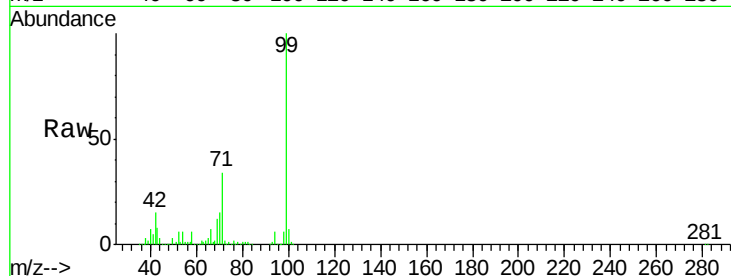
Tgt Ion: 99 Resp: 968747

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

71 33.7 23.4 35.0



#8

2-Chlorophenol

Concen: 14.17 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

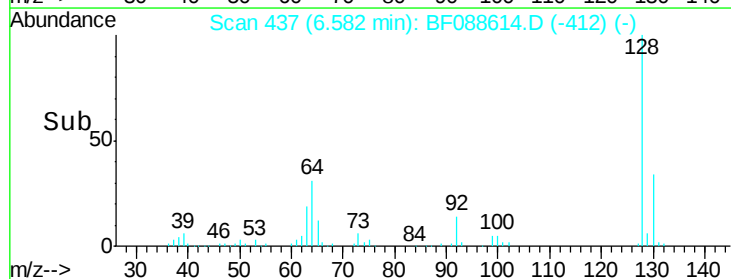
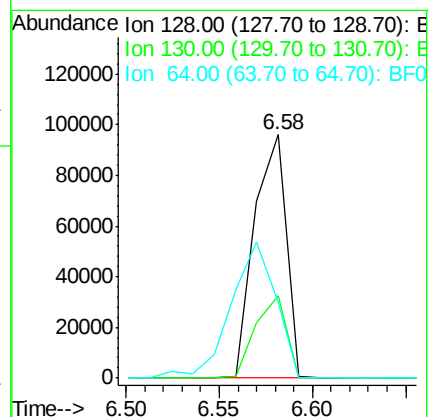
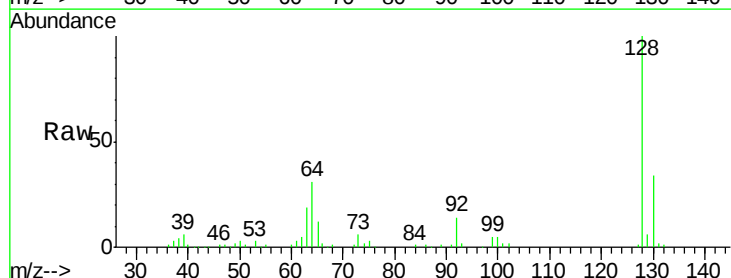
Tgt Ion: 128 Resp: 114933

Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

64 31.3 30.8 70.8





#9

Benzaldehyde

Concen: 12.50 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

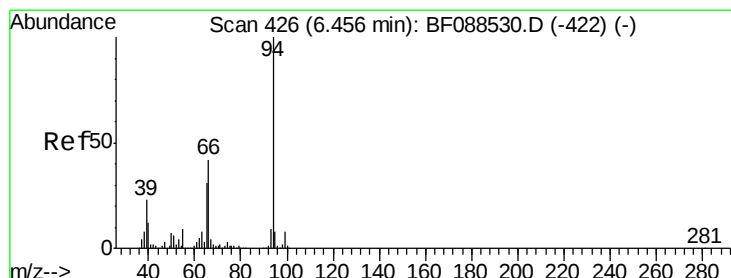
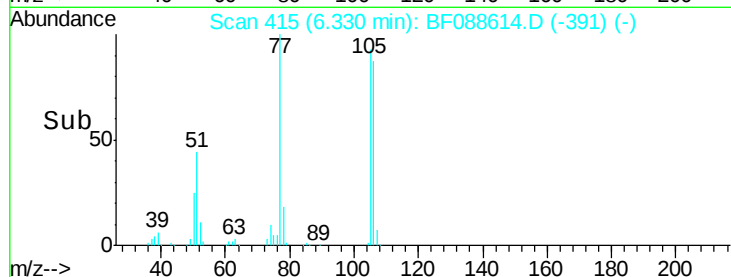
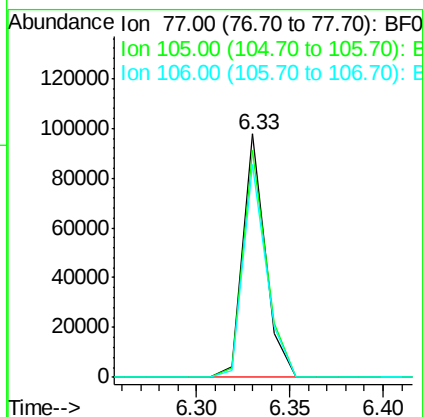
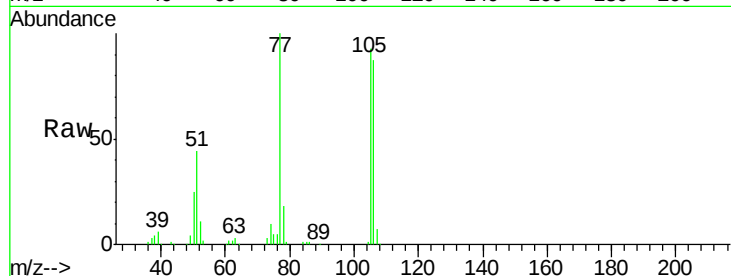
Tgt Ion: 77 Resp: 82568

Ion Ratio Lower Upper

77 100

105 93.3 90.6 130.6

106 87.2 85.3 125.3



#10

Phenol

Concen: 14.73 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

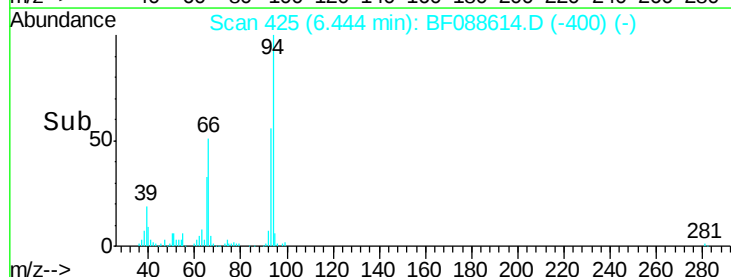
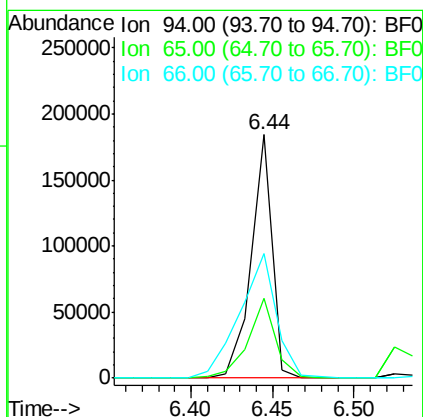
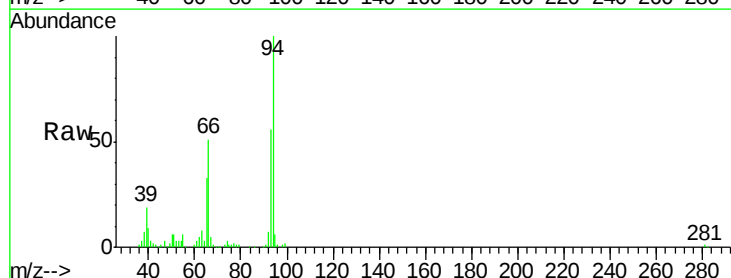
Tgt Ion: 94 Resp: 164000

Ion Ratio Lower Upper

94 100

65 32.6 5.9 45.9

66 50.9 14.0 54.0

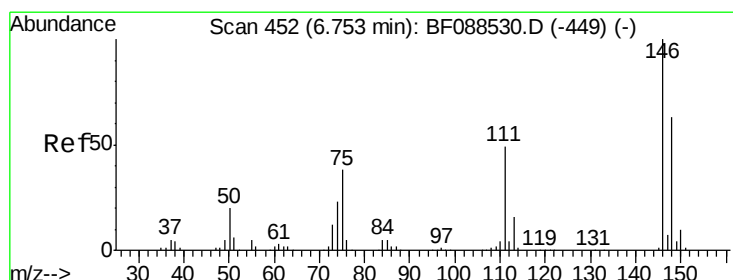
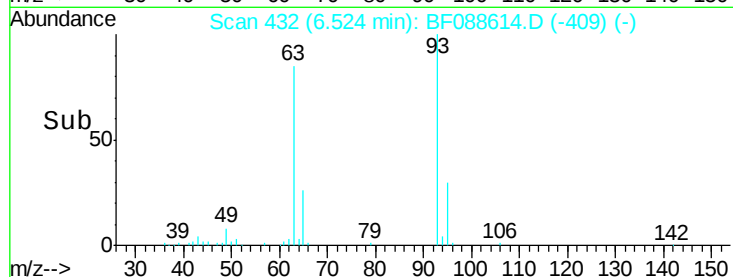
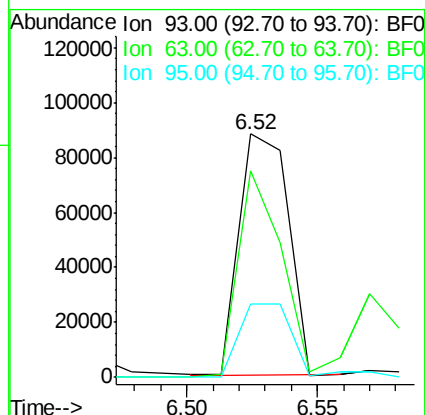
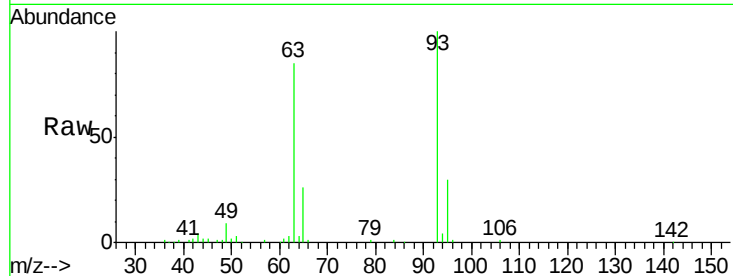




#11
bis(2-Chloroethyl)ether
Concen: 14.05 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

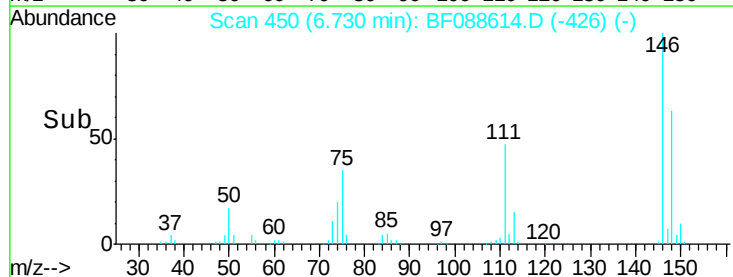
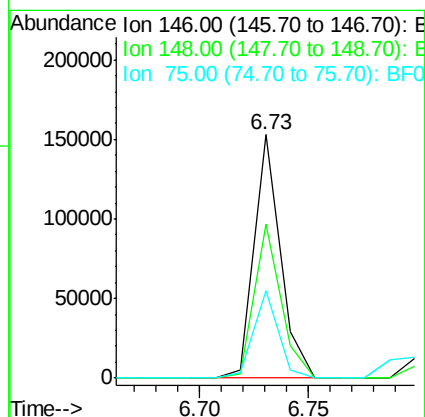
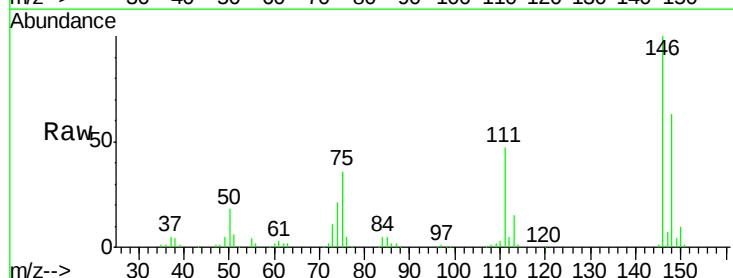
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

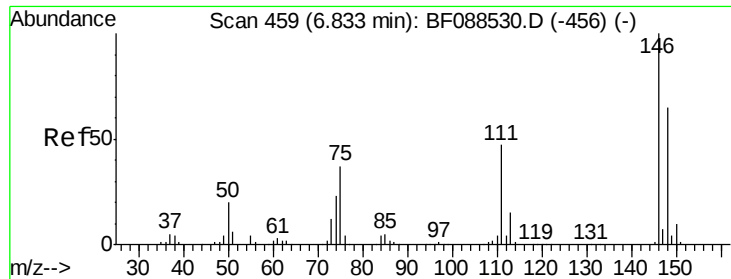
Tgt Ion: 93 Resp: 116633
Ion Ratio Lower Upper
93 100
63 84.8 67.6 107.6
95 30.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 14.40 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

Tgt Ion: 146 Resp: 128554
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 35.8 25.6 38.4

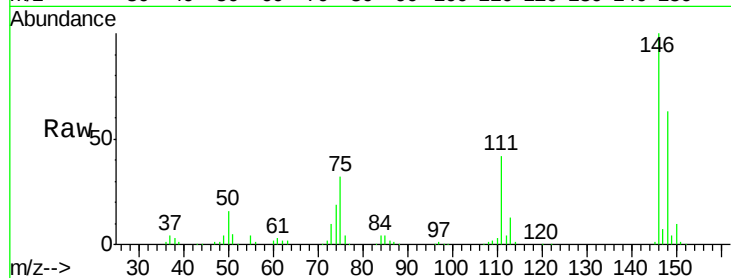




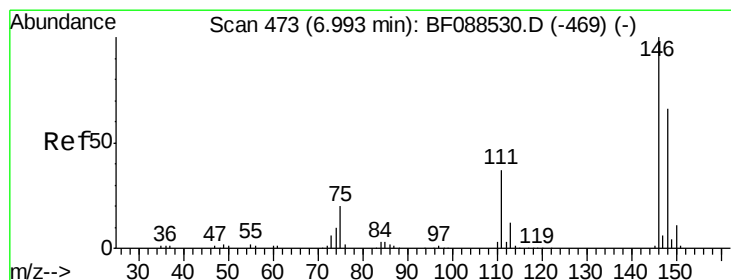
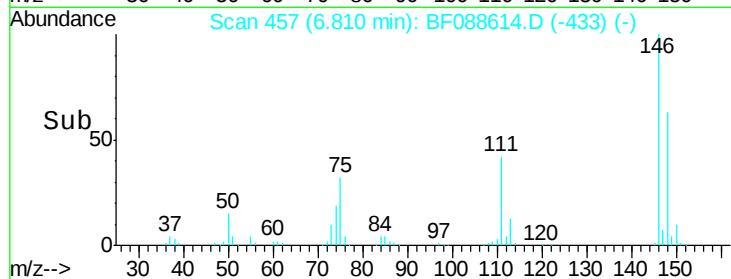
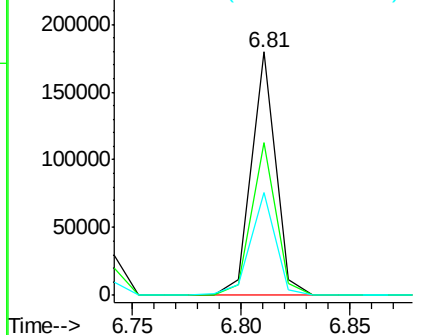
#13
 1,4-Dichlorobenzene
 Concen: 15.76 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

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

Tgt Ion:146 Resp: 139684
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.0 78.0
 111 42.1 33.8 50.8

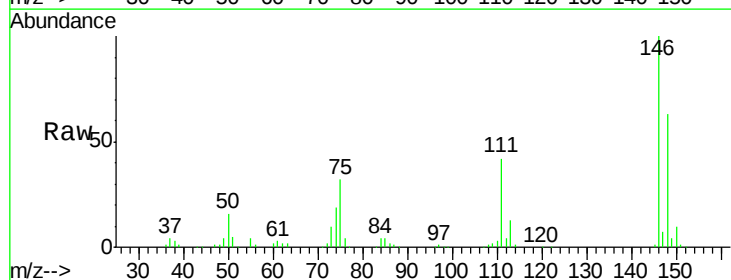


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

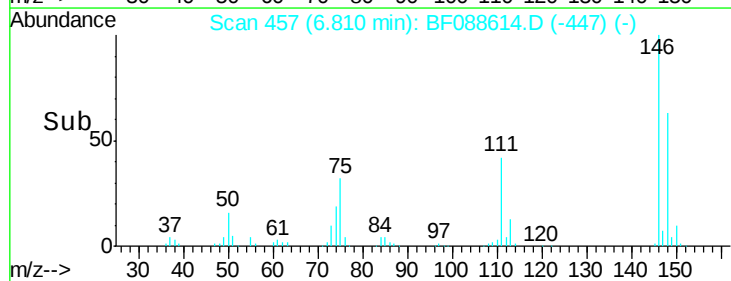
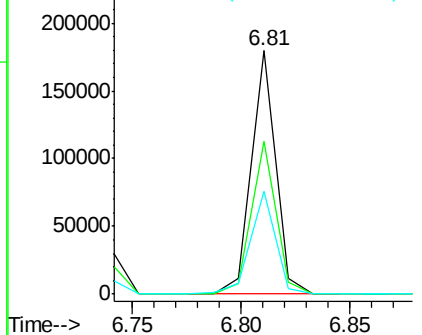


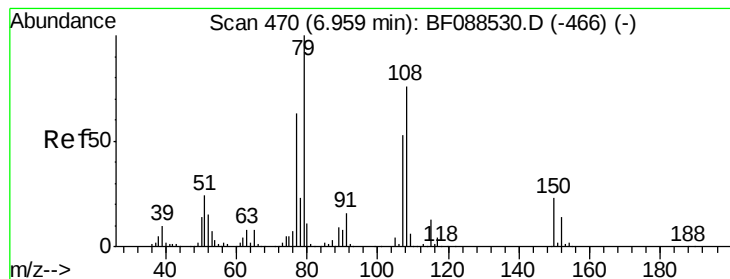
#14
 1,2-Dichlorobenzene
 Concen: 16.84 ng
 RT: 6.81 min Scan# 457
 Delta R.T. -0.18 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:146 Resp: 139684
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.3 78.5
 111 42.1 28.7 43.1



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





#15

Benzyl Alcohol

Concen: 18.51 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

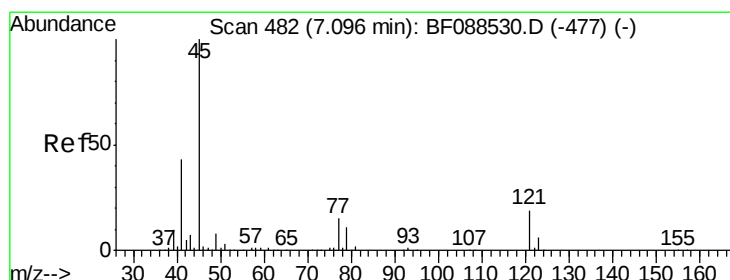
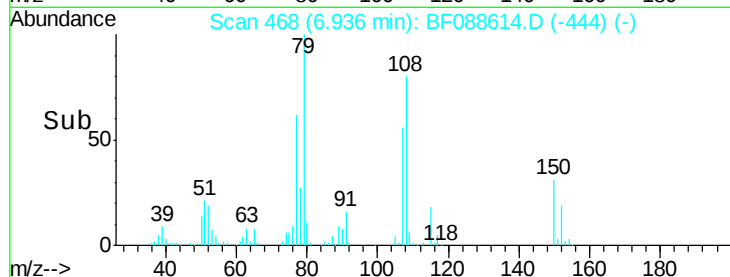
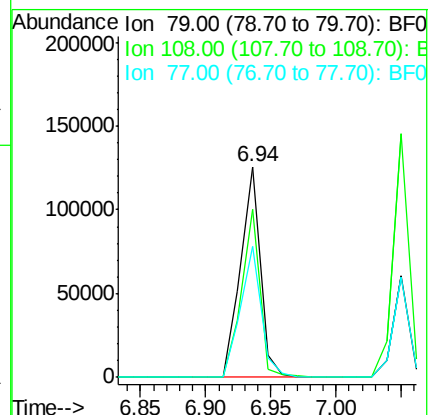
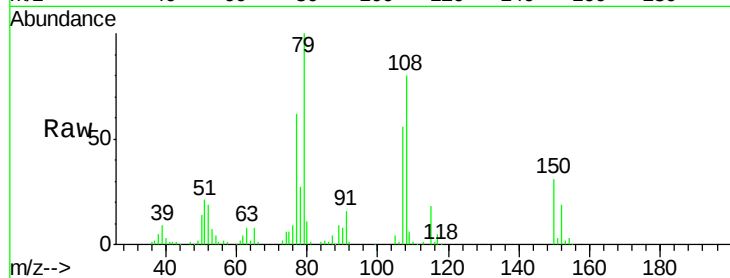
Tgt Ion: 79 Resp: 132867

Ion Ratio Lower Upper

79 100

108 79.7 65.0 97.6

77 62.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.87 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

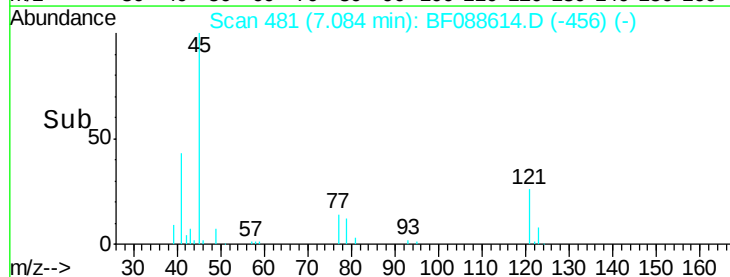
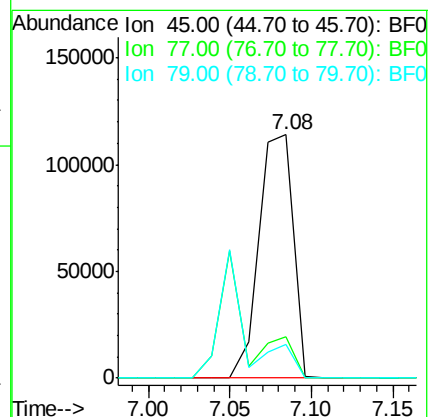
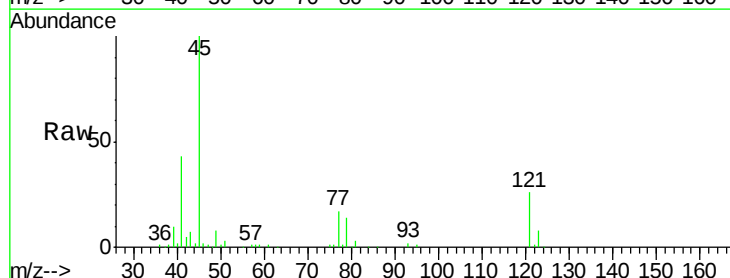
Tgt Ion: 45 Resp: 166709

Ion Ratio Lower Upper

45 100

77 16.8 0.0 32.5

79 13.7 0.0 29.5





#17

2-Methylphenol

Concen: 16.17 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

Tgt Ion:107 Resp: 107042

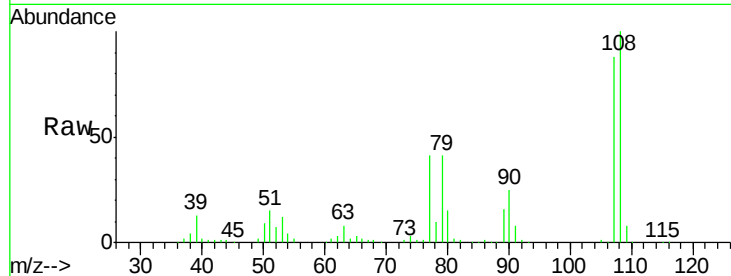
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 46.7 36.6 55.0

79 47.1 36.5 54.7

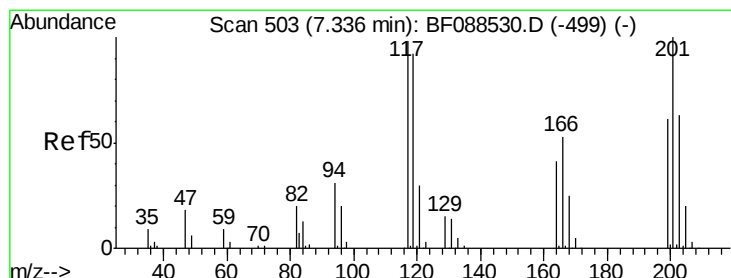
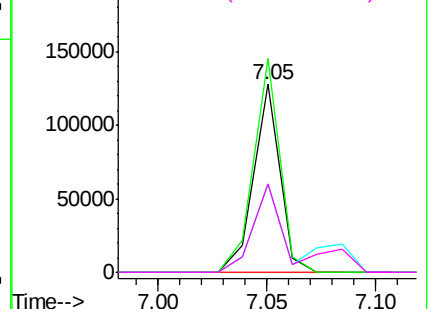
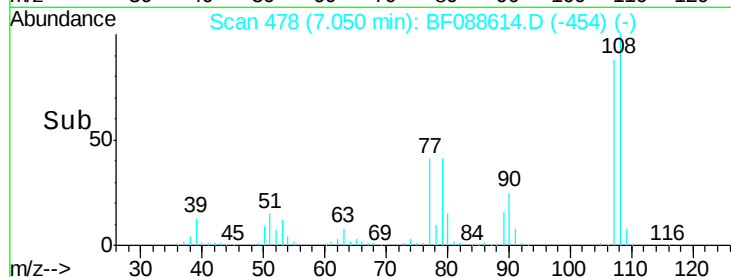


Abundance Ion 107.00 (106.70 to 107.70): E

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: 13.99 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

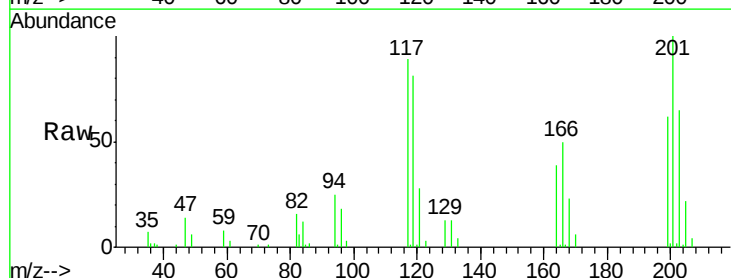
Tgt Ion:117 Resp: 47946

Ion Ratio Lower Upper

117 100

119 91.4 77.4 116.2

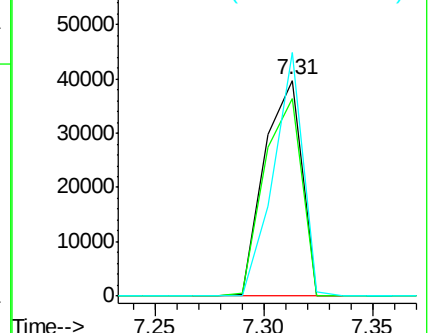
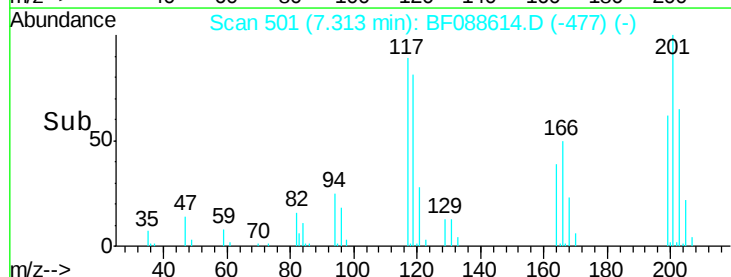
201 112.8 80.4 120.6

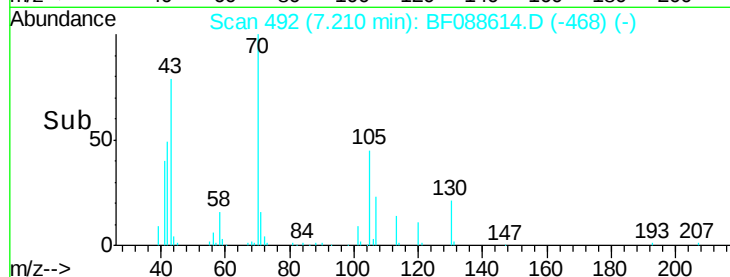
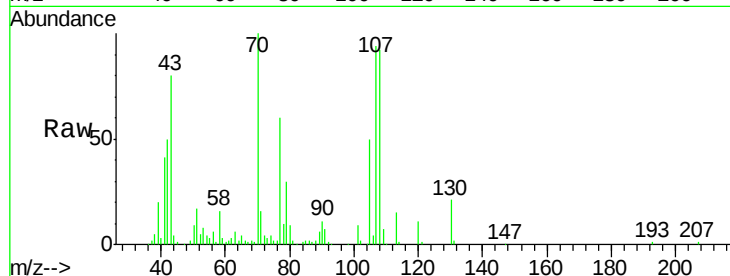
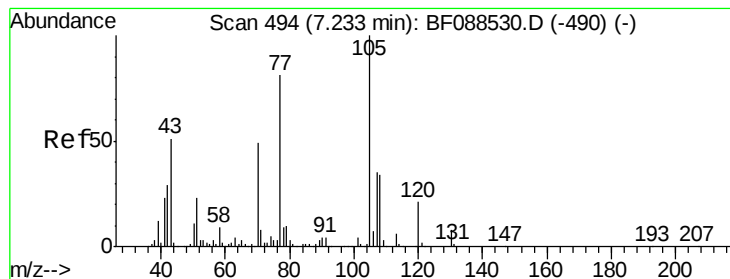


Abundance Ion 117.00 (116.70 to 117.70): E

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: 15.72 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

Tgt Ion: 70 Resp: 102989

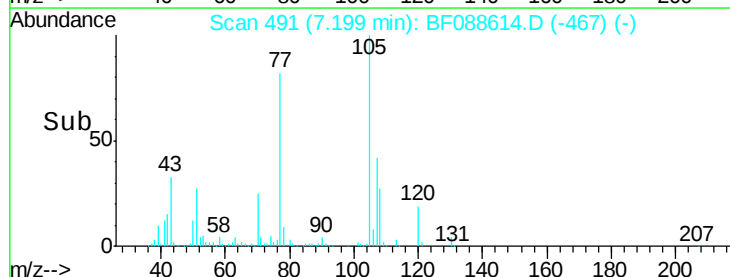
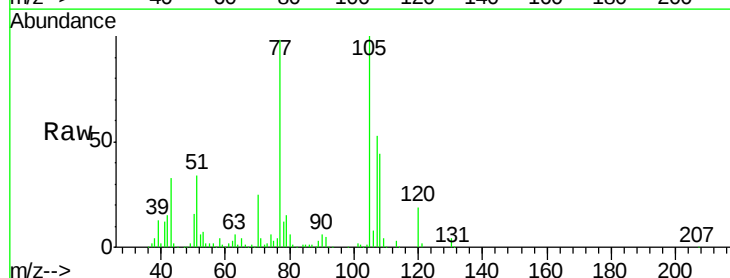
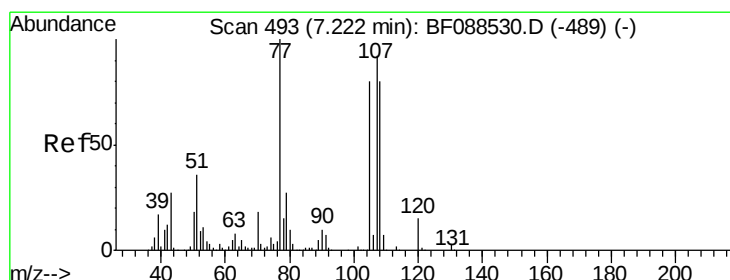
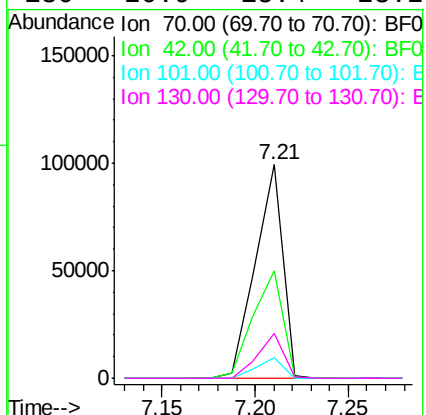
Ion Ratio Lower Upper

70 100

42 50.3 49.6 74.4

101 9.4 7.1 10.7

130 20.9 15.4 23.2



#20

3+4-Methylphenols

Concen: 17.19 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Tgt Ion: 107 Resp: 136573

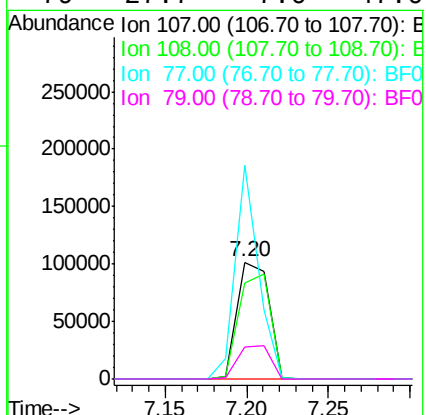
Ion Ratio Lower Upper

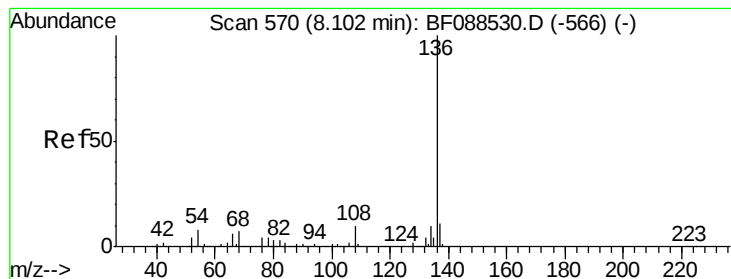
107 100

108 82.8 67.8 107.8

77 183.2 59.3 99.3#

79 27.7 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

Tgt Ion:136 Resp: 474038

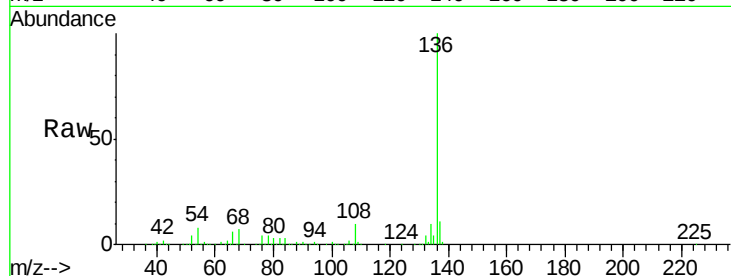
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.7 5.1 7.7

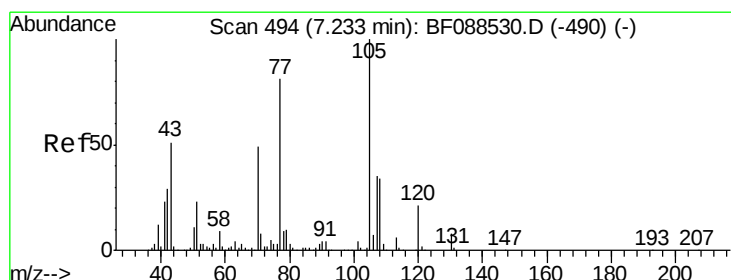
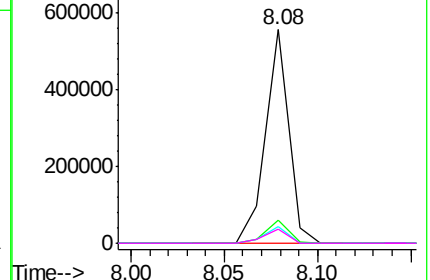
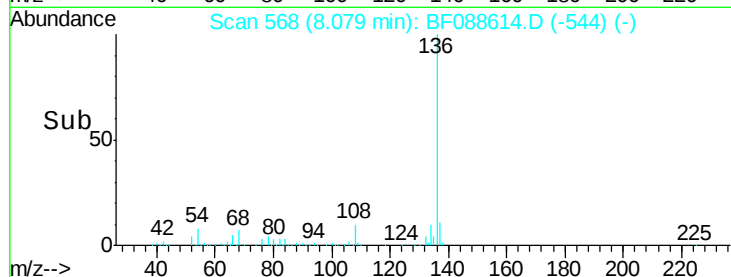


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.34 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Tgt Ion:105 Resp: 176540

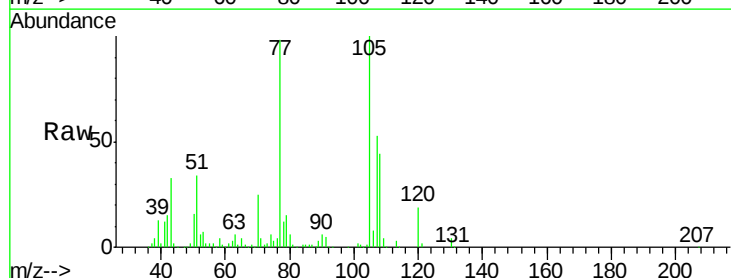
Ion Ratio Lower Upper

105 100

71 4.1 5.3 7.9#

51 33.7 18.2 27.4#

120 19.3 18.0 27.0

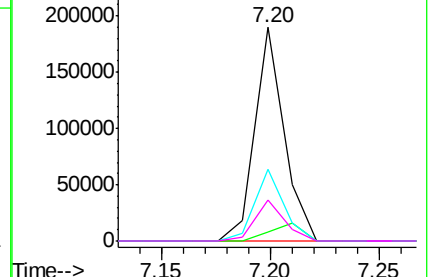
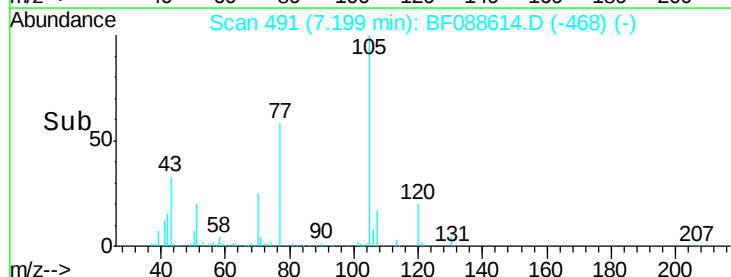


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

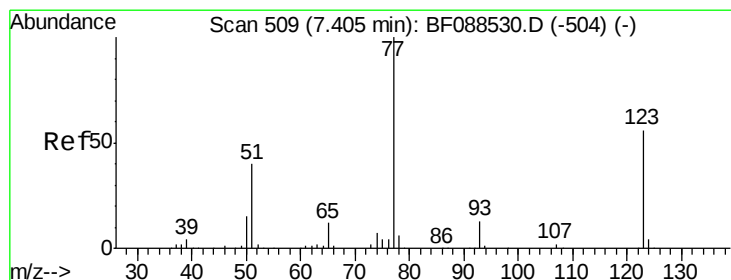
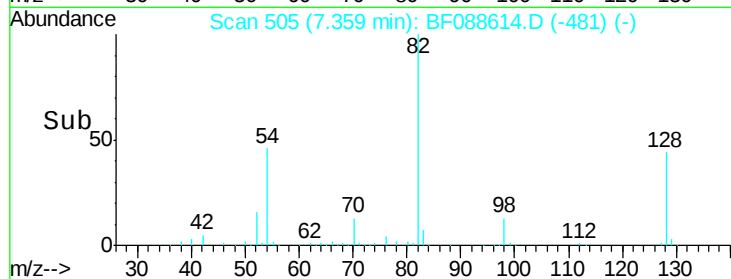
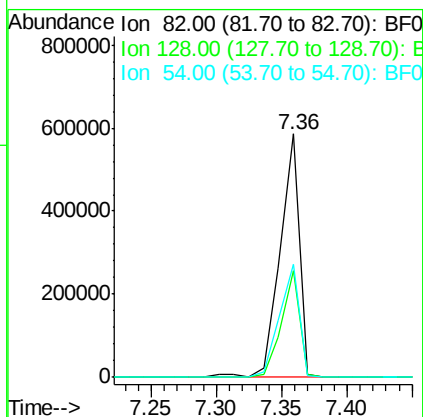
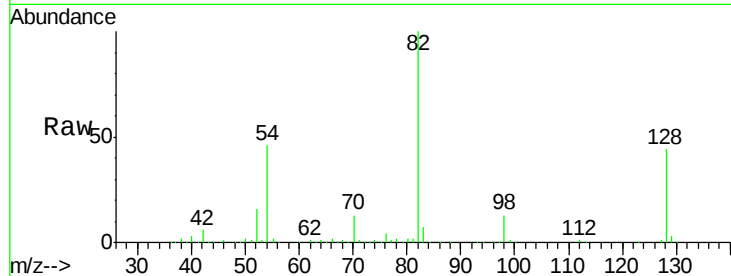




#23
 Nitrobenzene-d5
 Concen: 67.91 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

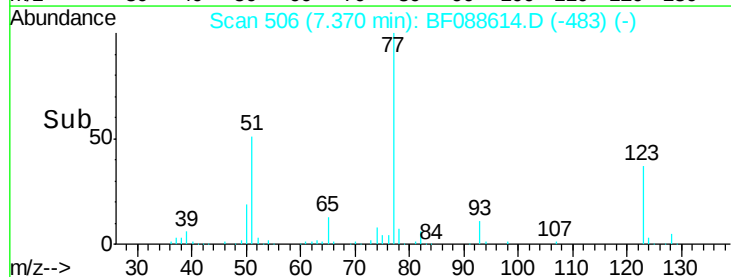
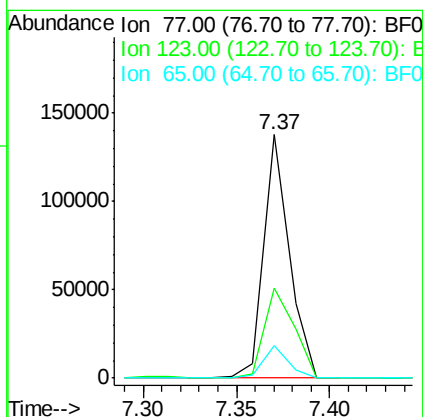
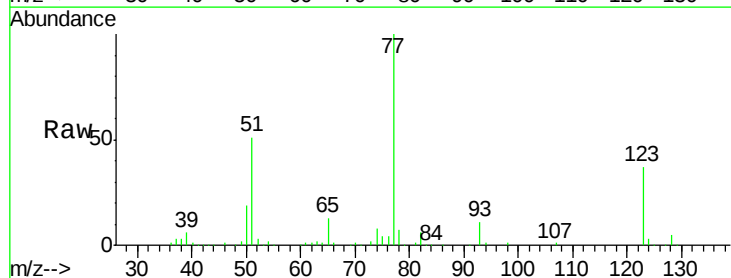
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

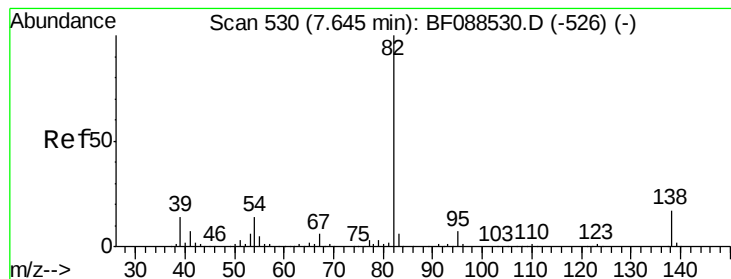
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.9	53.9
54	46.4	40.9	61.3



#24
 Nitrobenzene
 Concen: 14.23 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	45.0	67.4#
65	13.2	10.2	15.2





#25

Isophorone

Concen: 14.43 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

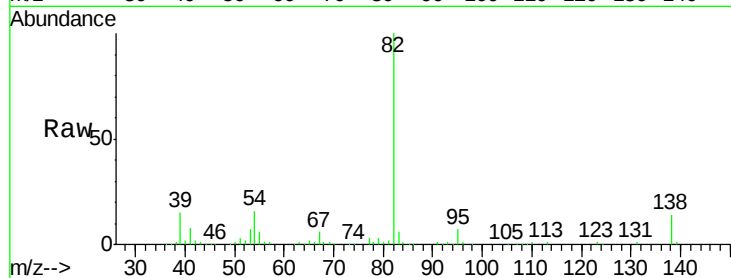
Tgt Ion: 82 Resp: 241789

Ion Ratio Lower Upper

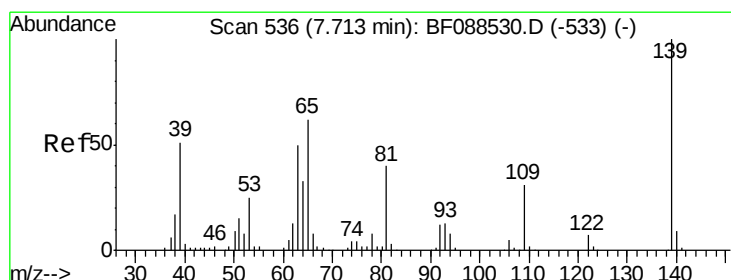
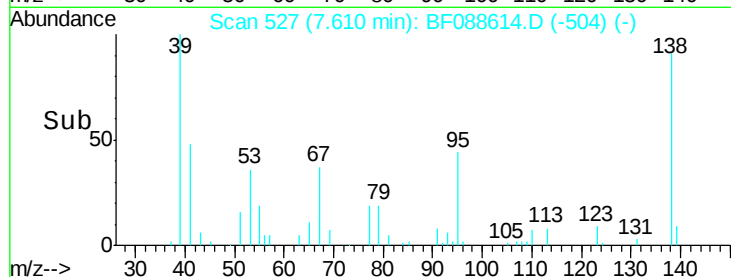
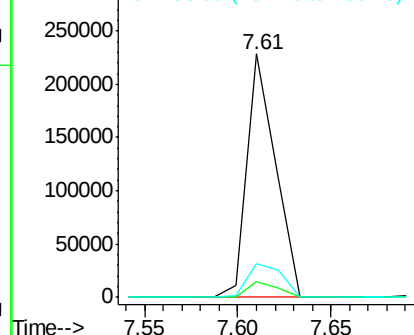
82 100

95 6.6 5.4 8.2

138 13.8 14.6 21.8#



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



#26

2-Nitrophenol

Concen: 16.34 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

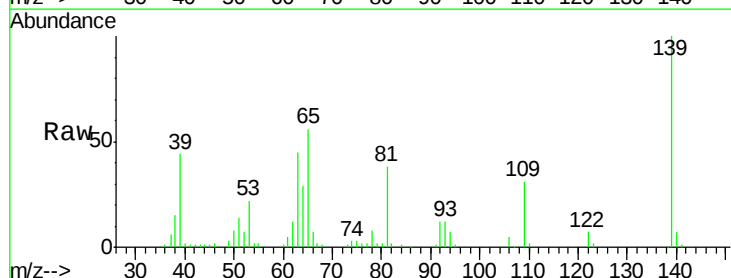
Tgt Ion: 139 Resp: 61117

Ion Ratio Lower Upper

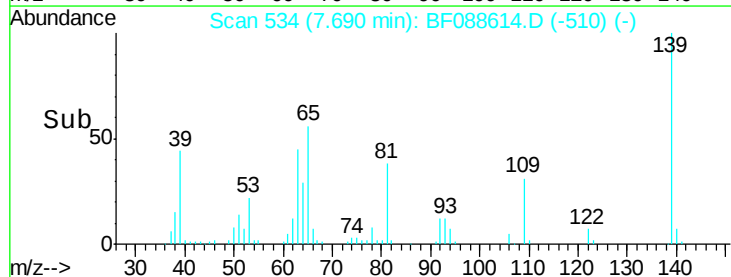
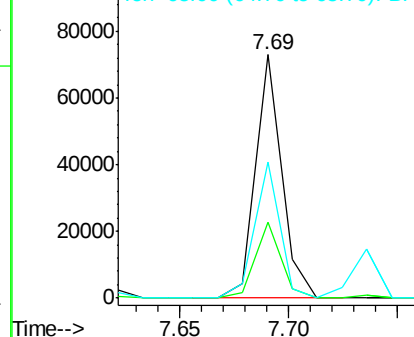
139 100

109 31.3 23.0 34.4

65 55.8 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: 16.39 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

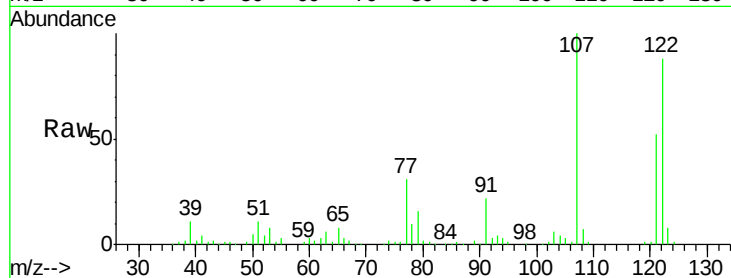
Tgt Ion:122 Resp: 127705

Ion Ratio Lower Upper

122 100

107 113.7 82.4 123.6

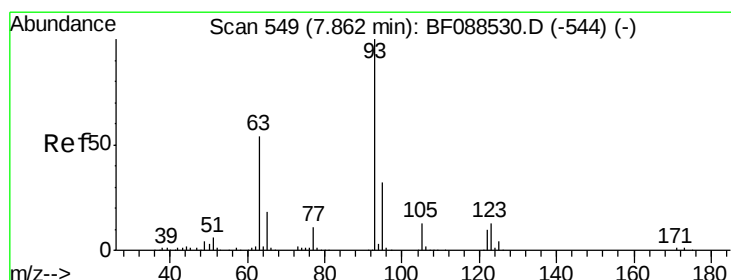
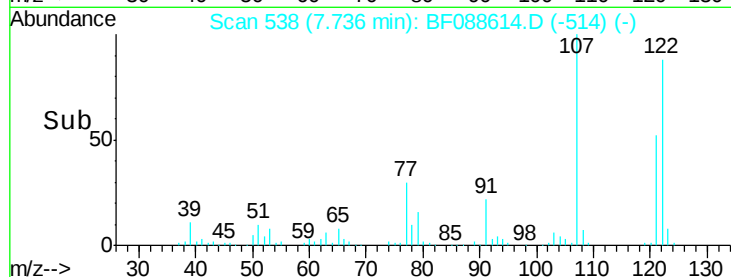
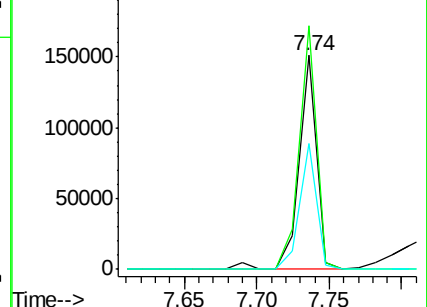
121 58.7 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 14.15 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

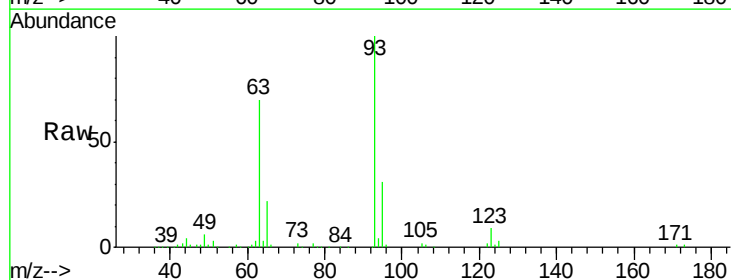
Tgt Ion: 93 Resp: 154278

Ion Ratio Lower Upper

93 100

95 30.7 26.5 39.7

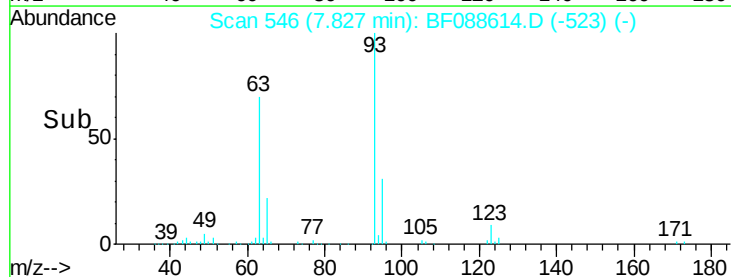
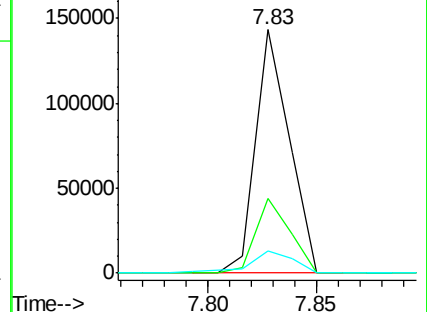
123 9.4 11.6 17.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

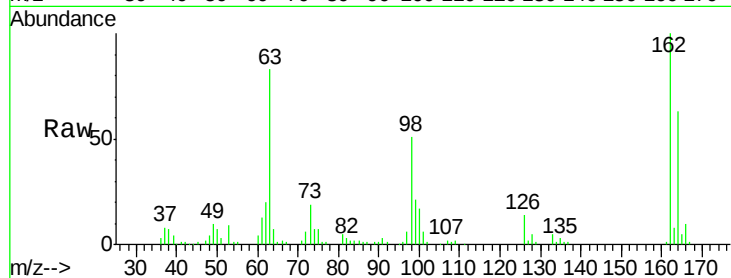




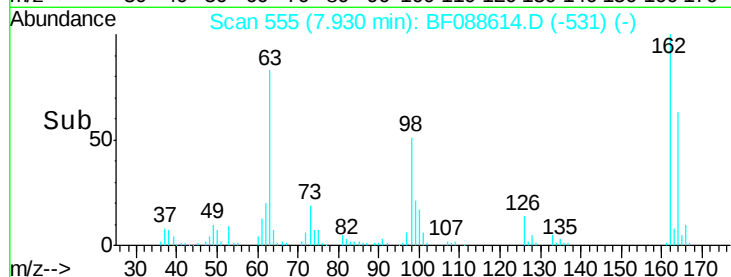
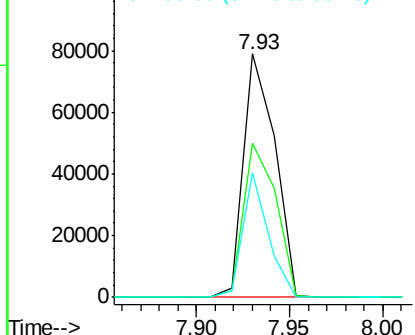
#29
 2,4-Dichlorophenol
 Concen: 14.72 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

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

Tgt Ion:162 Resp: 92640
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.8 83.8
 98 51.0 21.3 61.3

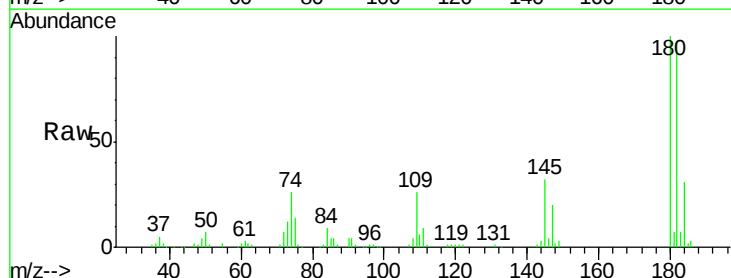


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

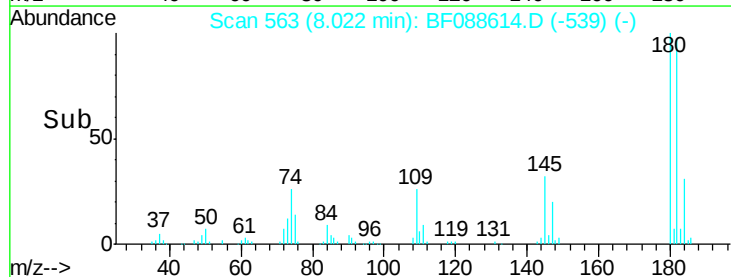
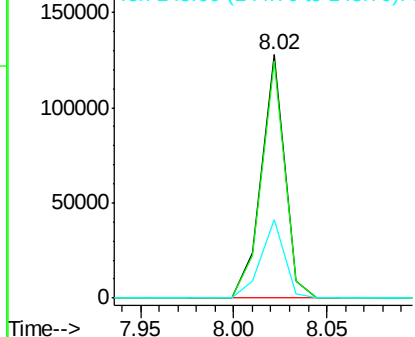


#30
 1,2,4-Trichlorobenzene
 Concen: 15.97 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:180 Resp: 110322
 Ion Ratio Lower Upper
 180 100
 182 97.2 76.0 114.0
 145 32.3 26.5 39.7



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

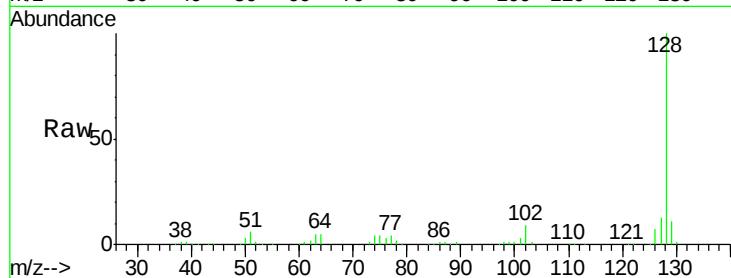




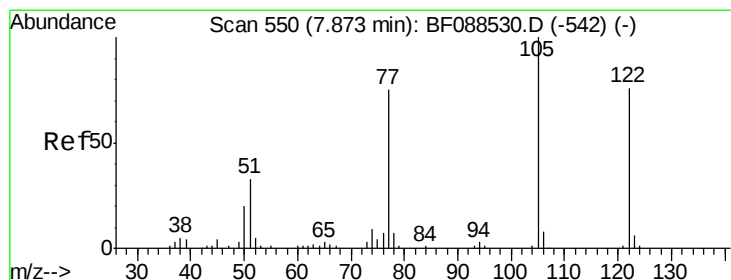
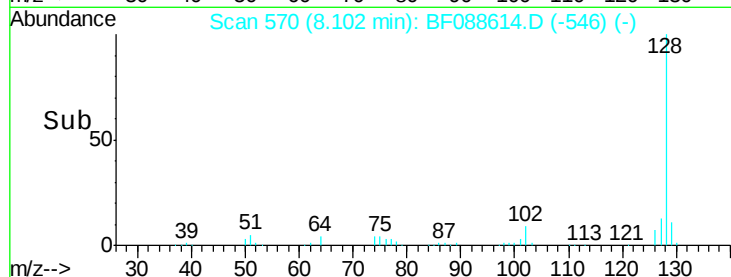
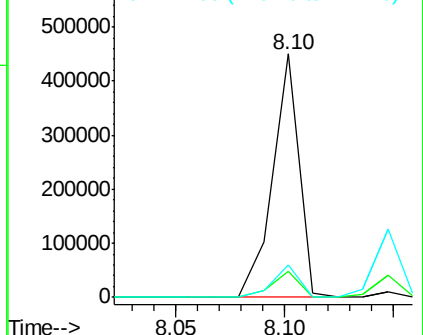
#31
Naphthalene
Concen: 16.53 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

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

Tgt Ion:128 Resp: 386320
Ion Ratio Lower Upper
128 100
129 10.8 9.4 14.2
127 13.2 10.9 16.3

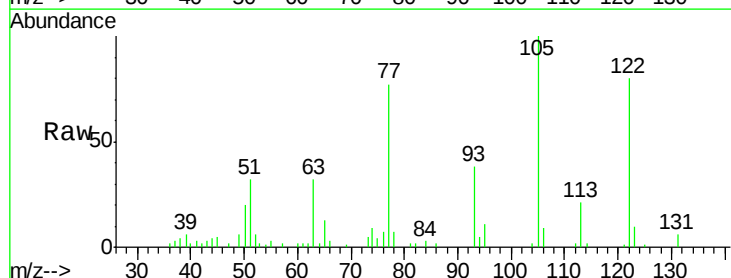


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

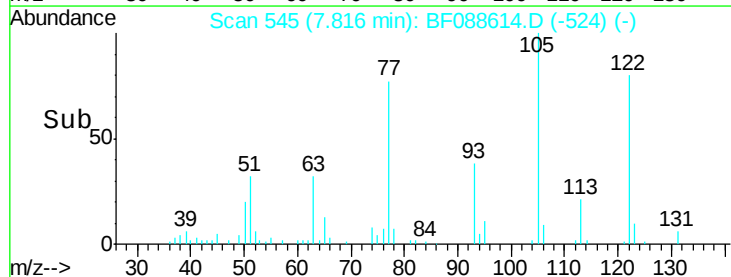
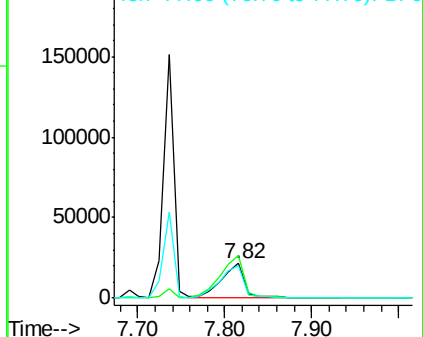


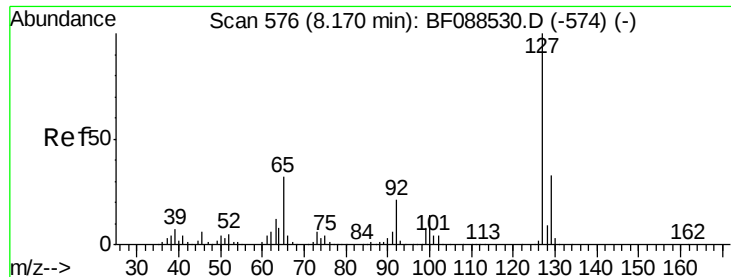
#32
Benzoic acid
Concen: 7.26 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.06 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

Tgt Ion:122 Resp: 41032
Ion Ratio Lower Upper
122 100
105 124.7 101.6 141.6
77 96.0 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

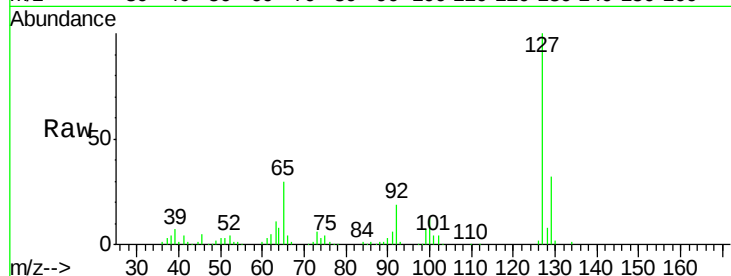




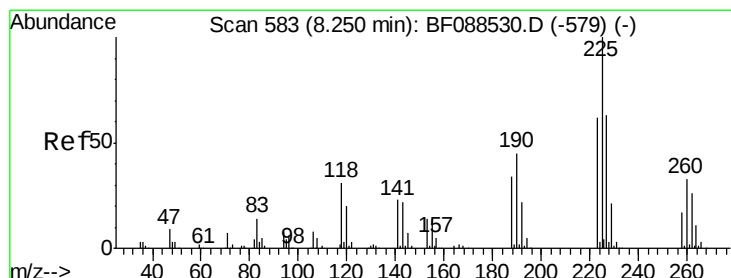
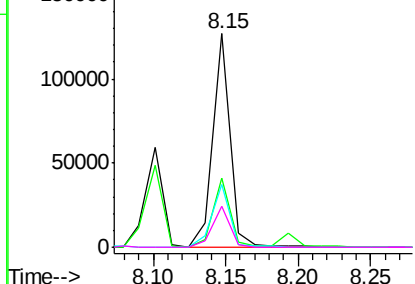
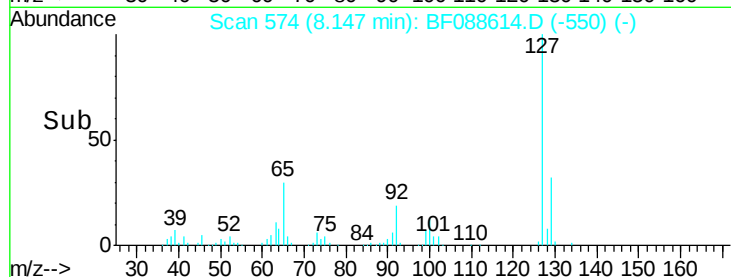
#33
4-Chloroaniline
Concen: 10.14 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

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

Tgt Ion:	127	Resp:	105383
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	29.6	24.7	37.1
92	19.5	15.4	23.0

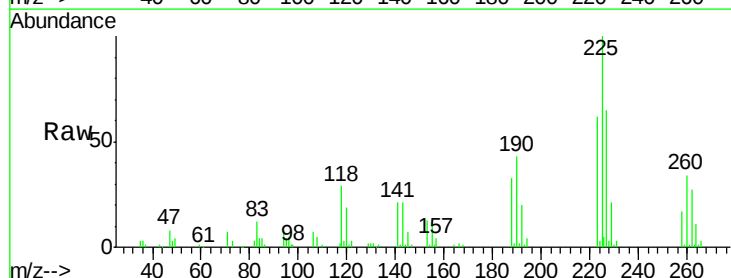


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

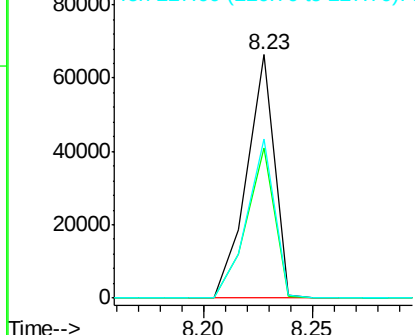
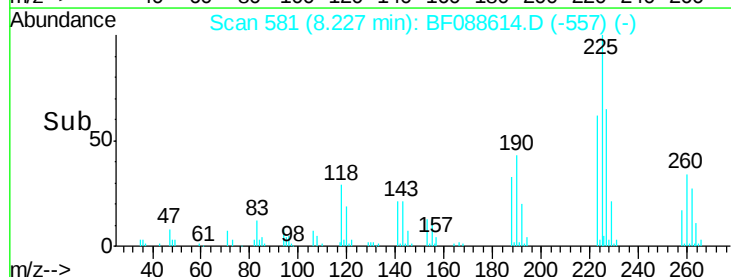


#34
Hexachlorobutadiene
Concen: 15.94 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

Tgt Ion:	225	Resp:	58958
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	65.5	51.9	77.9



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

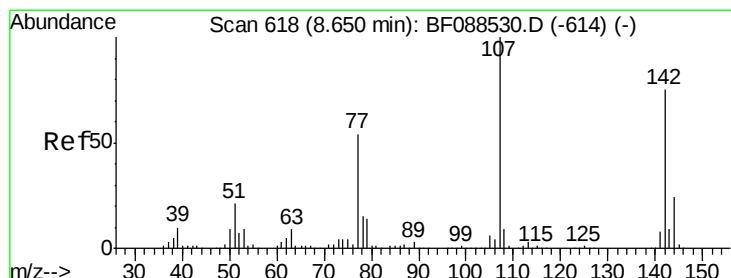
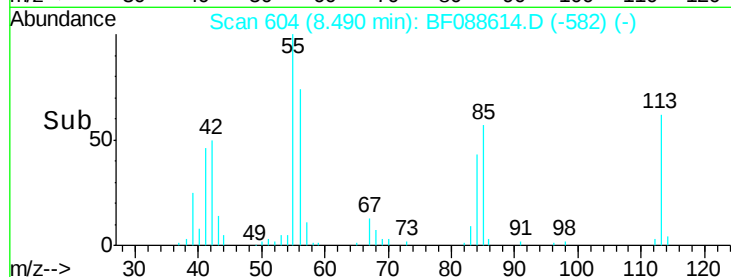
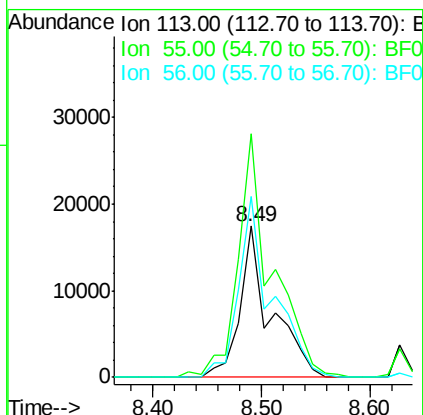
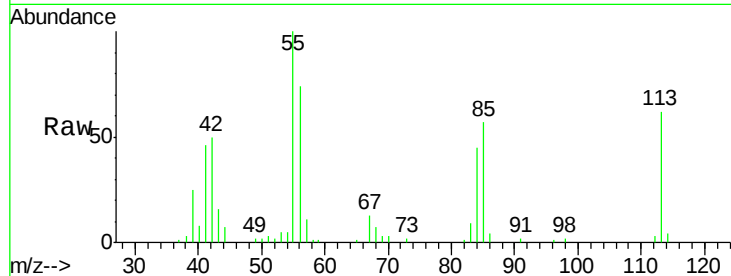




#35
 Caprolactam
 Concen: 15.92 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

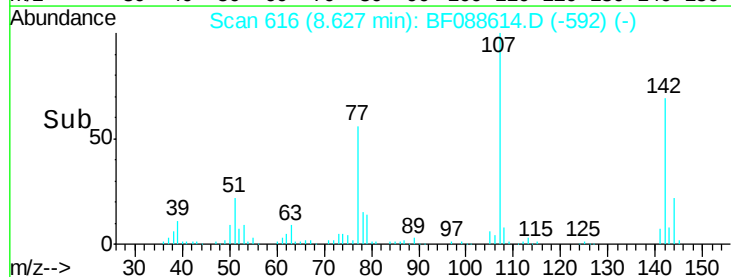
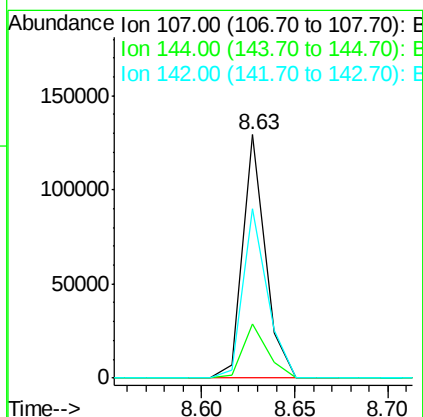
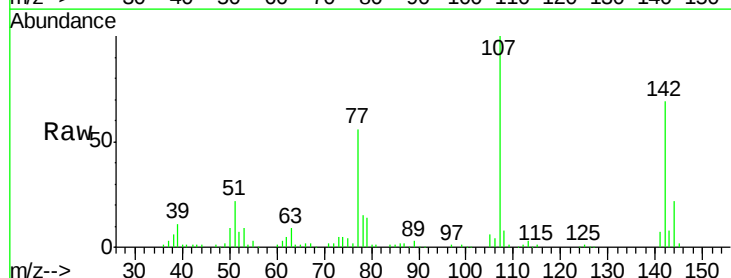
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

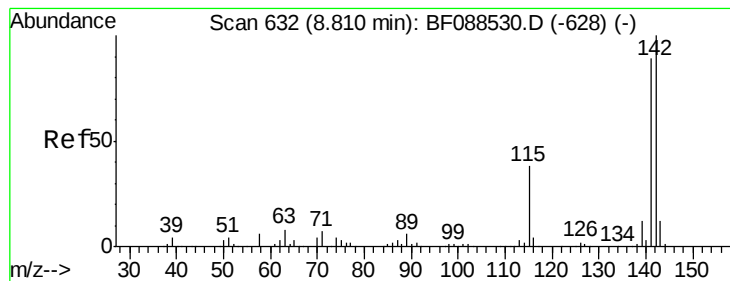
Tgt Ion:113 Resp: 34034
 Ion Ratio Lower Upper
 113 100
 55 161.1 158.6 198.6
 56 119.9 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 14.77 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:107 Resp: 109963
 Ion Ratio Lower Upper
 107 100
 144 22.4 20.8 31.2
 142 69.5 63.4 95.2

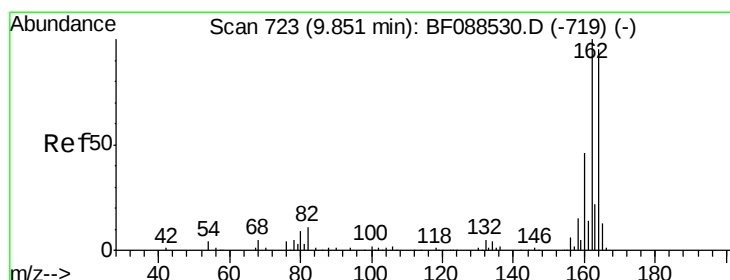
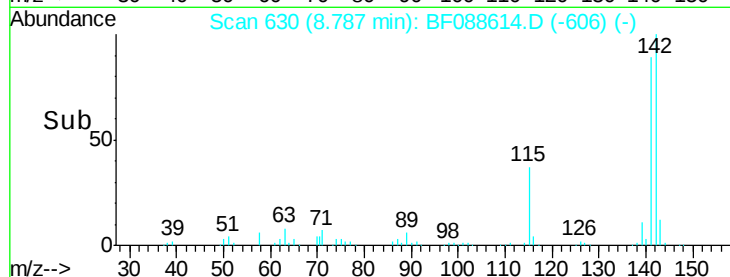
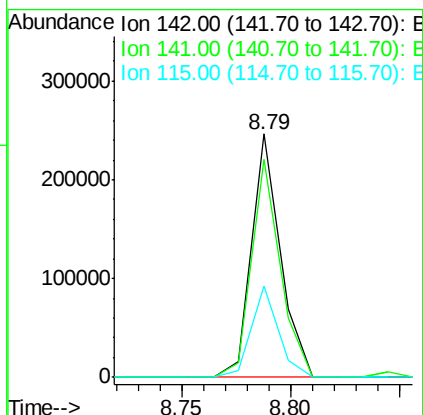
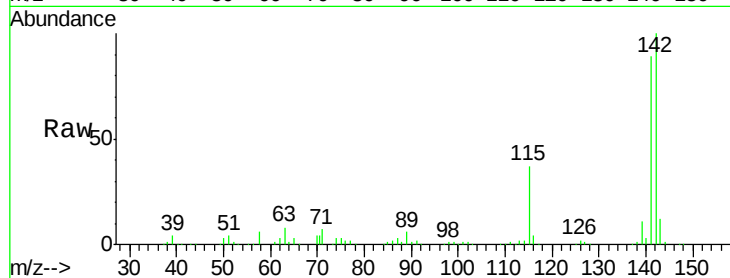




#37
 2-Methylnaphthalene
 Concen: 15.12 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

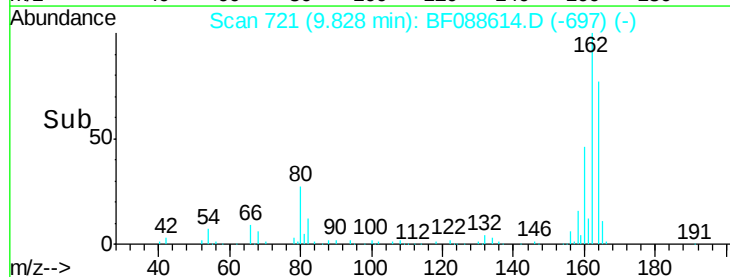
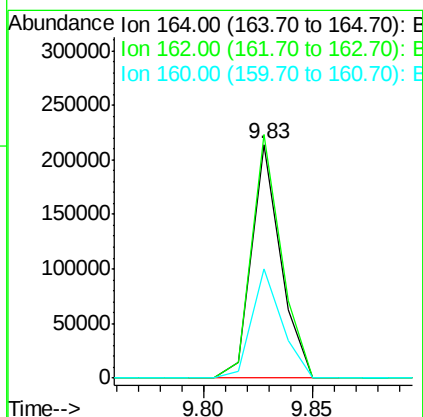
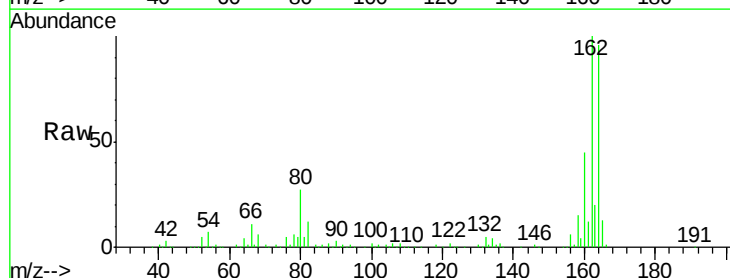
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

Tgt Ion:142 Resp: 227488
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 37.3 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:164 Resp: 199835
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.8 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 16.10 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

Tgt Ion:216 Resp: 107000

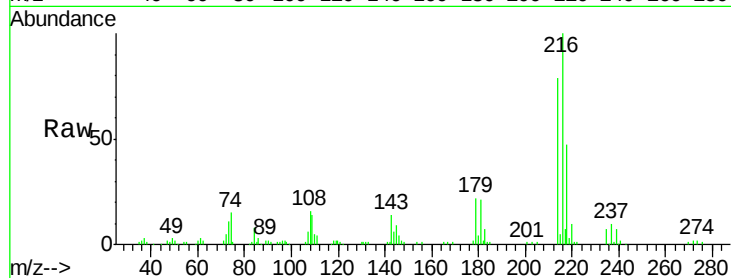
Ion Ratio Lower Upper

216 100

214 79.0 2.9 4.3#

179 22.1 0.0 0.0#

108 22.3 0.5 0.7#

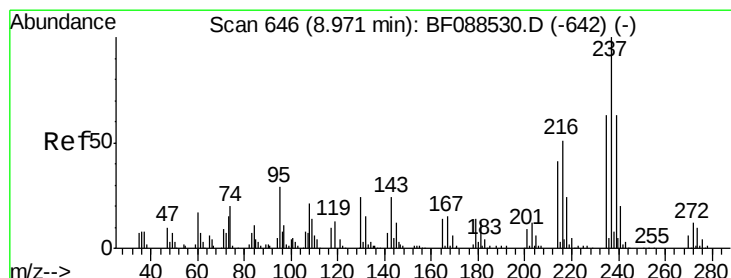
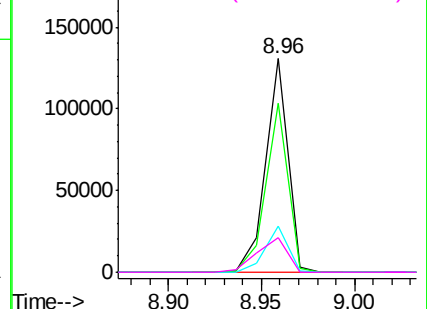
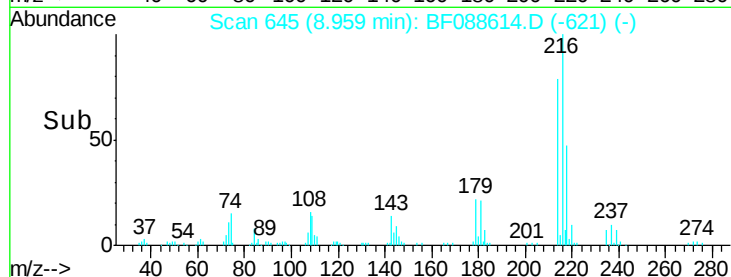


Abundance Ion 216.00 (215.70 to 216.70): E

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: 30.62 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

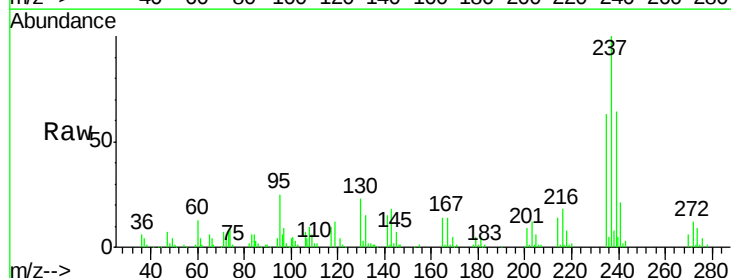
Tgt Ion:237 Resp: 99880

Ion Ratio Lower Upper

237 100

235 63.3 43.4 83.4

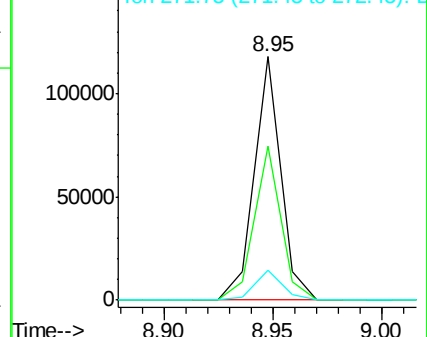
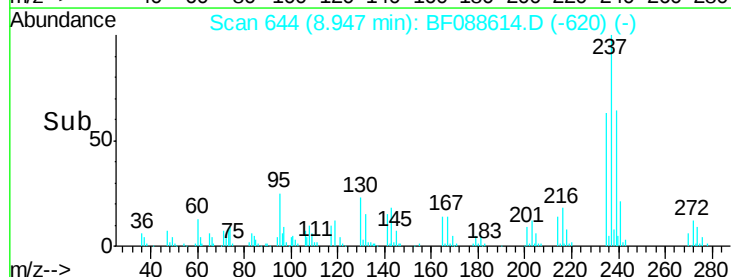
272 12.1 0.0 32.3

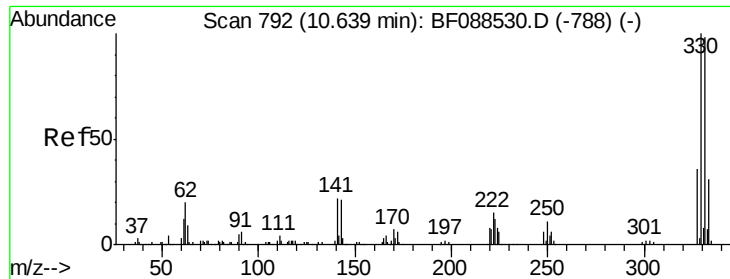


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

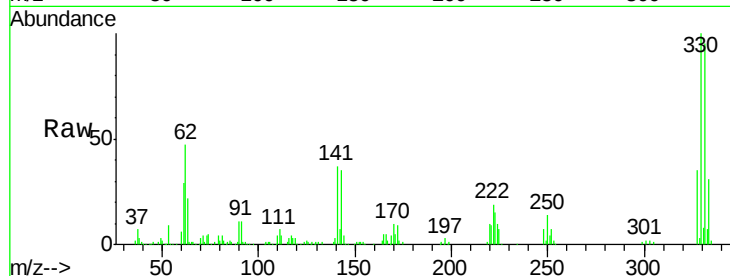




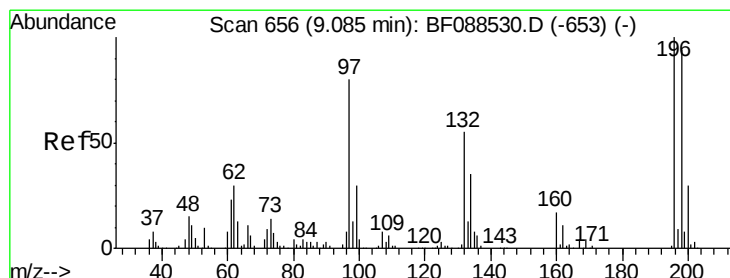
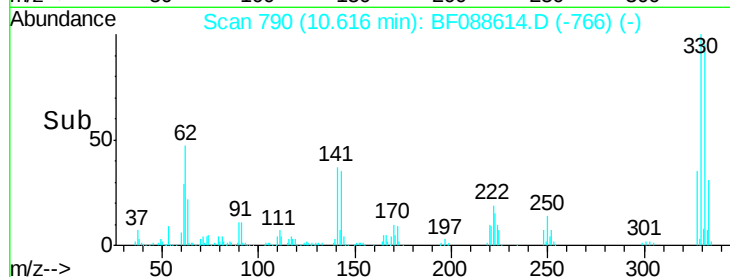
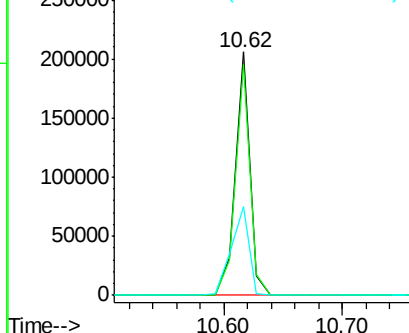
#41
 2,4,6-Tribromophenol
 Concen: 95.21 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

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

Tgt Ion:330 Resp: 176678
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 43.6 0.0 0.0#

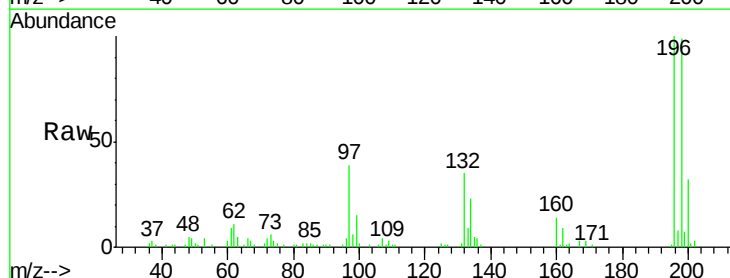


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

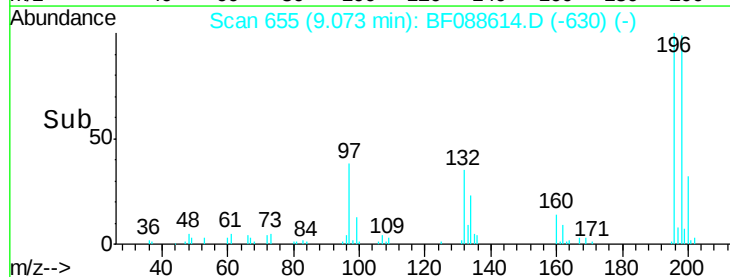
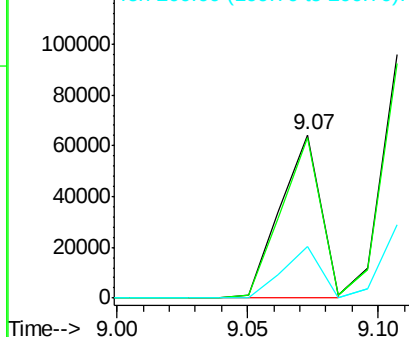


#42
 2,4,6-Trichlorophenol
 Concen: 15.68 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:196 Resp: 68713
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.0 117.0
 200 31.7 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

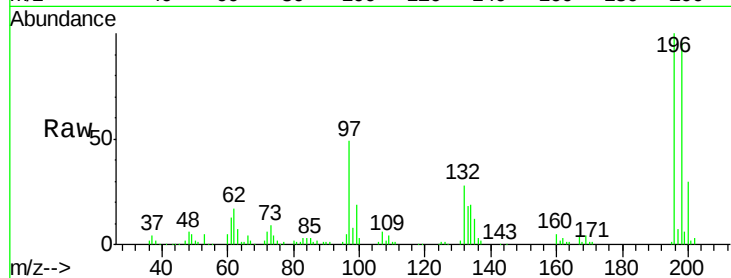




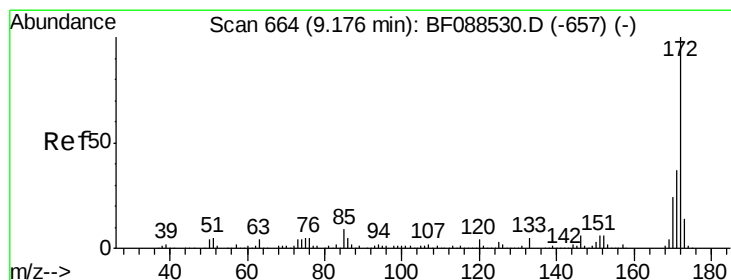
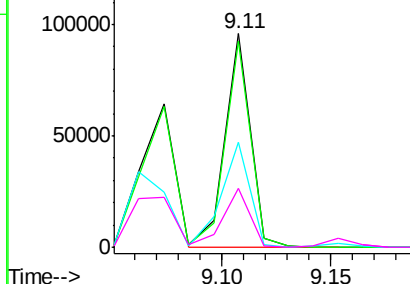
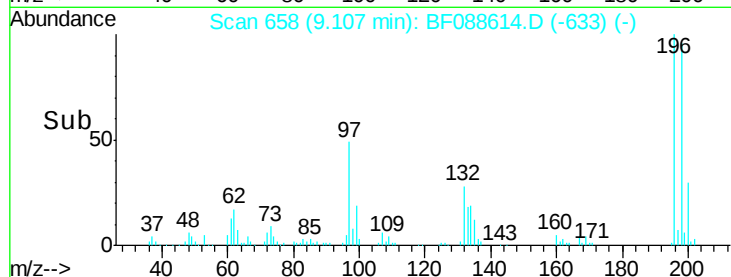
#43
 2,4,5-Trichlorophenol
 Concen: 20.46 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

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

Tgt Ion:196 Resp: 77140
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.5 116.3
 97 49.1 32.0 48.0#
 132 27.6 20.9 31.3

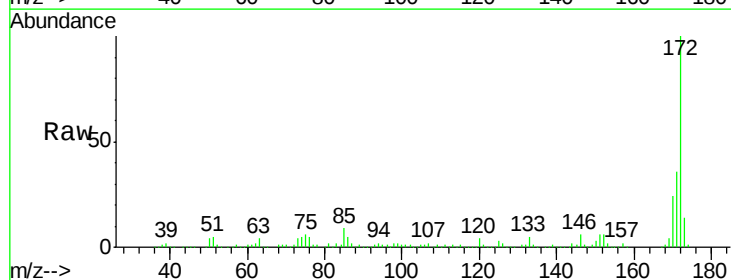


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

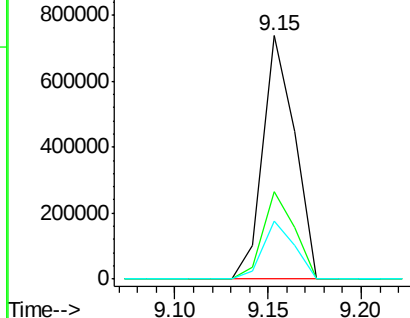
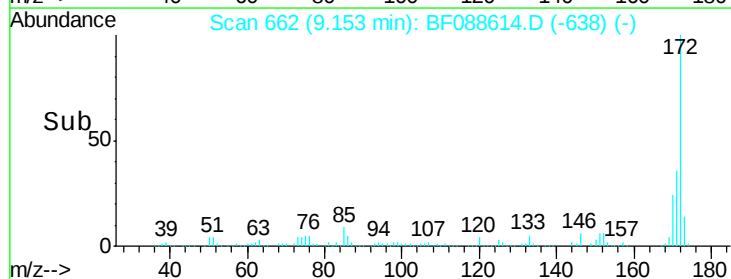


#44
 2-Fluorobiphenyl
 Concen: 69.87 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:172 Resp: 883906
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 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: 18.88 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

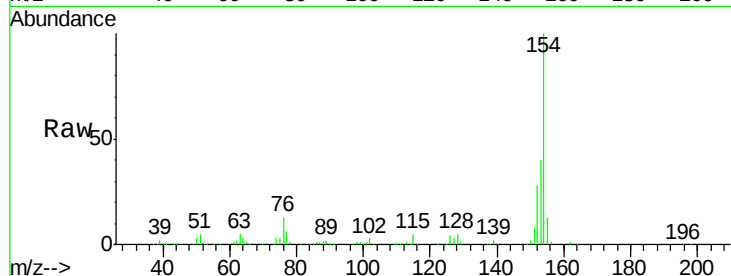
Tgt Ion:154 Resp: 312439

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

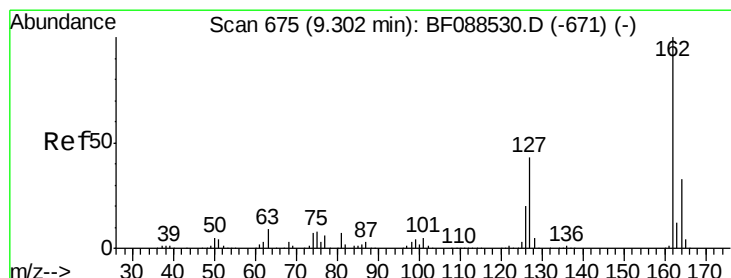
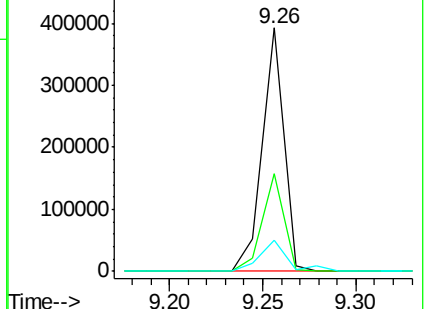
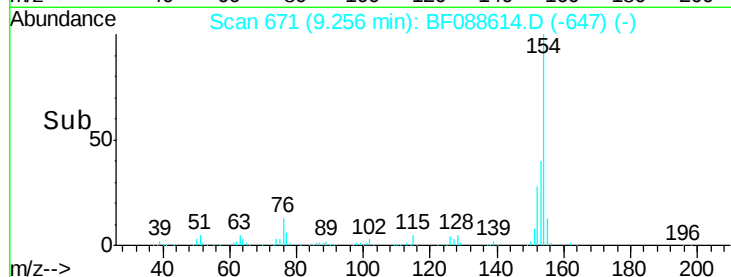
76 13.0 0.0 35.1



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: 17.93 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

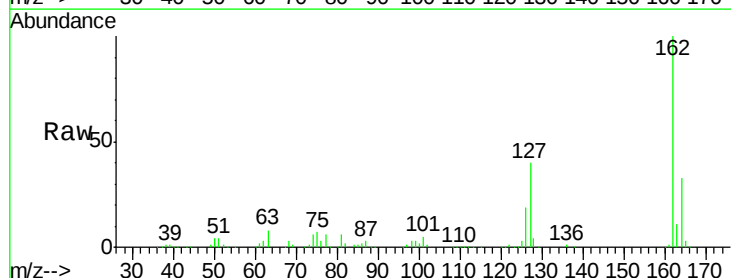
Tgt Ion:162 Resp: 232973

Ion Ratio Lower Upper

162 100

127 39.7 35.2 52.8

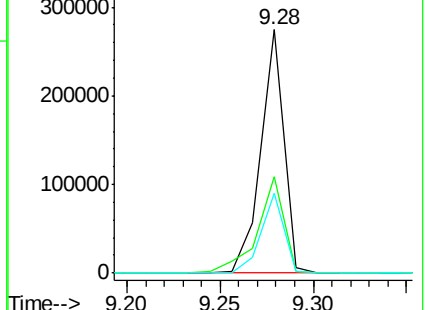
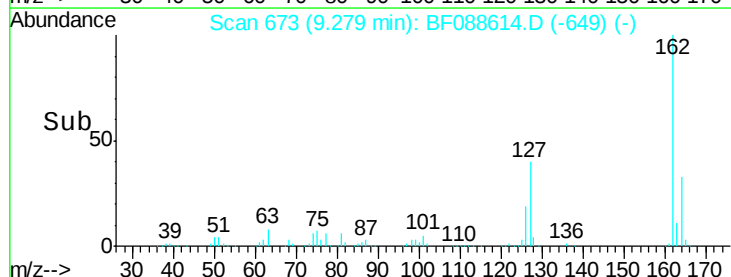
164 32.7 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

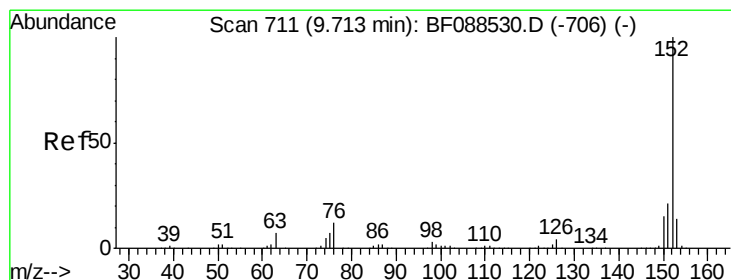
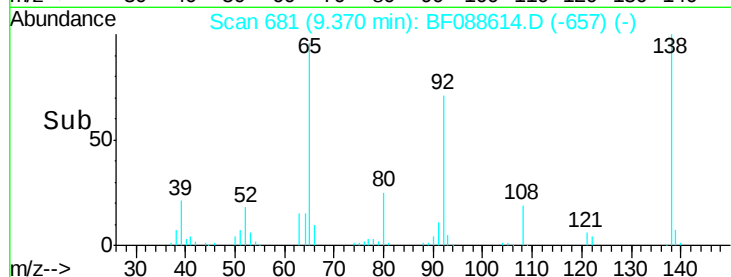
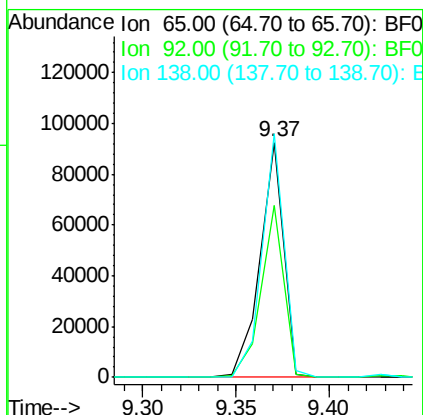
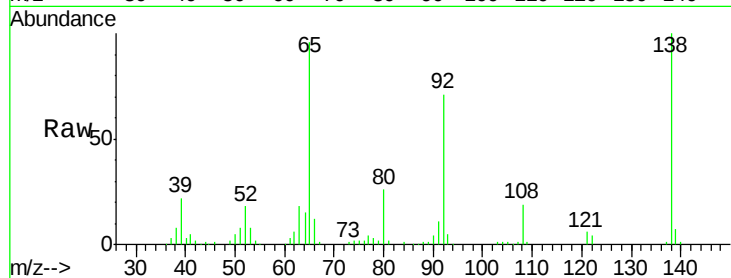




#47
 2-Nitroaniline
 Concen: 17.44 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

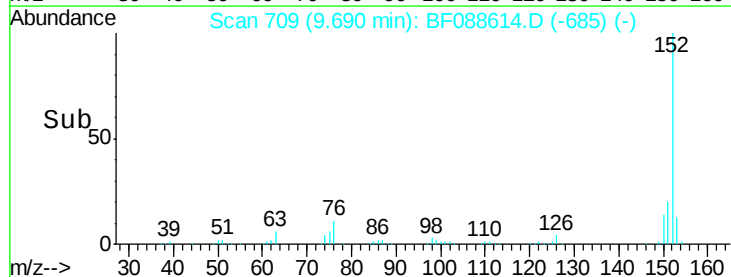
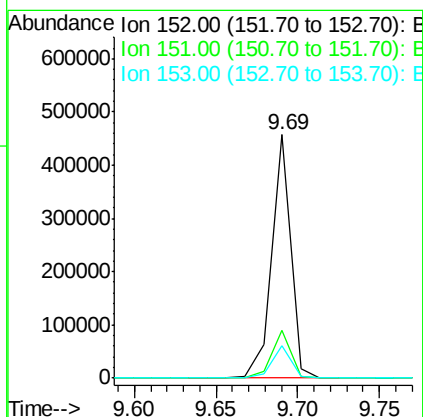
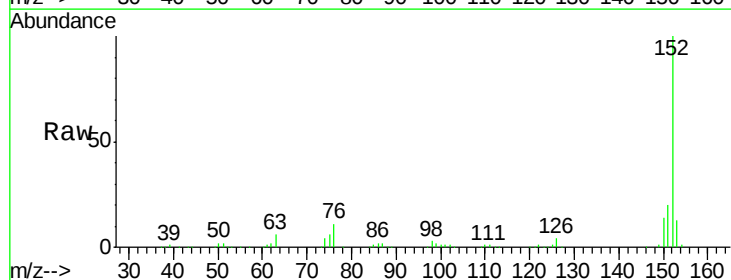
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

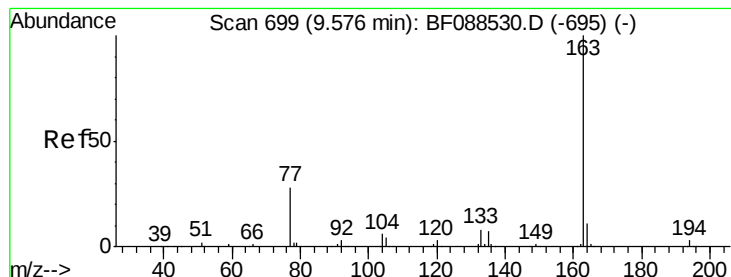
Tgt Ion: 65 Resp: 80409
 Ion Ratio Lower Upper
 65 100
 92 73.2 54.6 82.0
 138 103.7 77.0 115.4



#48
 Acenaphthylene
 Concen: 17.98 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion: 152 Resp: 371637
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.2 24.4
 153 13.1 11.0 16.6





#49

Dimethylphthalate

Concen: 26.01 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

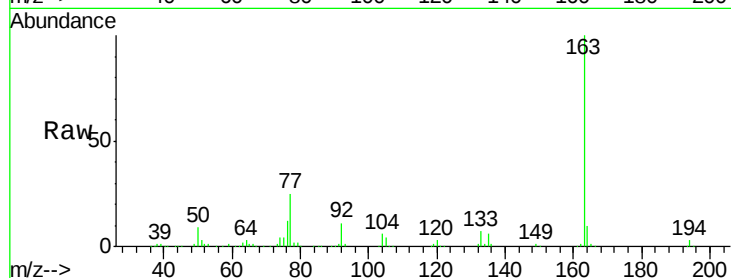
Tgt Ion:163 Resp: 370332

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

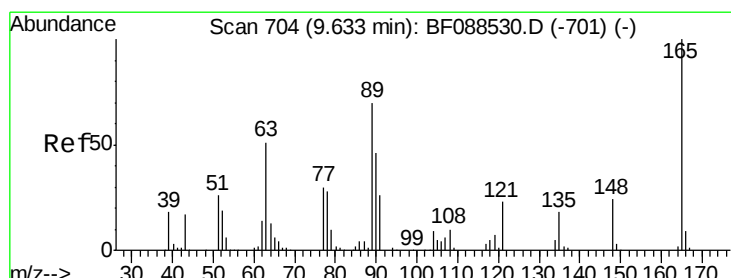
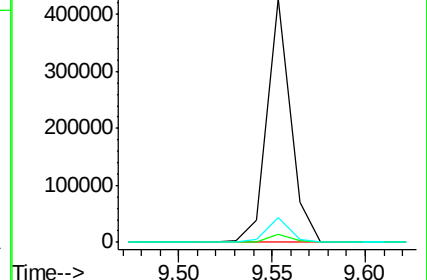
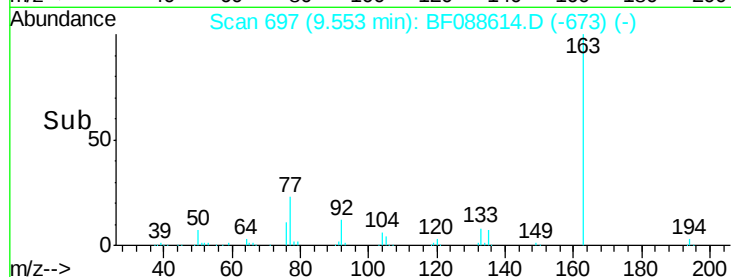
164 10.3 8.3 12.5



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: 16.97 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

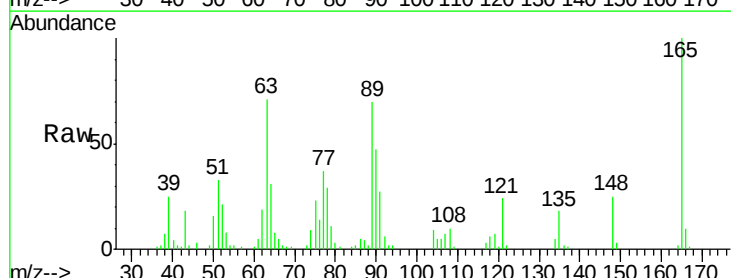
Tgt Ion:165 Resp: 53562

Ion Ratio Lower Upper

165 100

63 71.3 28.1 42.1#

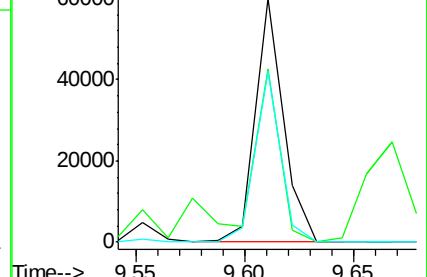
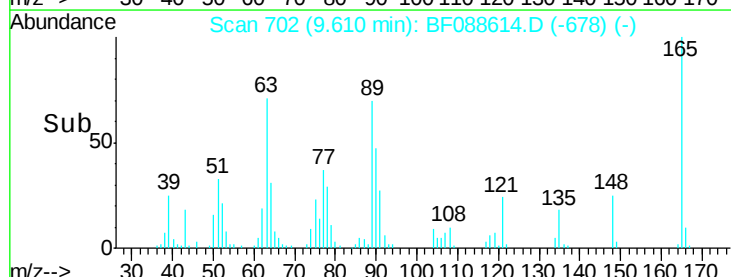
89 69.9 32.2 48.2#

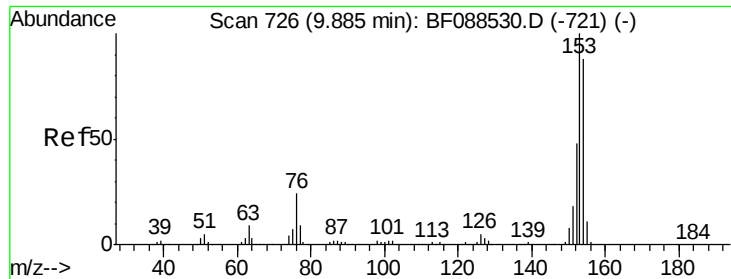


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 17.77 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

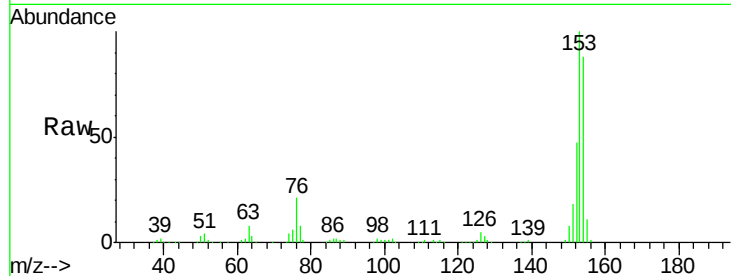
Tgt Ion:154 Resp: 225150

Ion Ratio Lower Upper

154 100

153 113.1 89.5 134.3

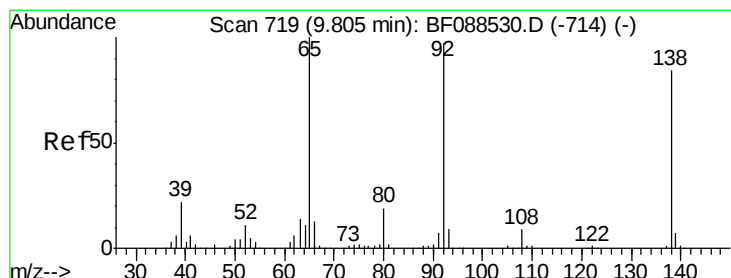
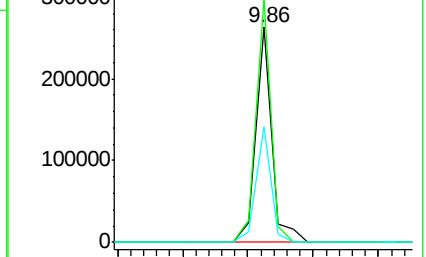
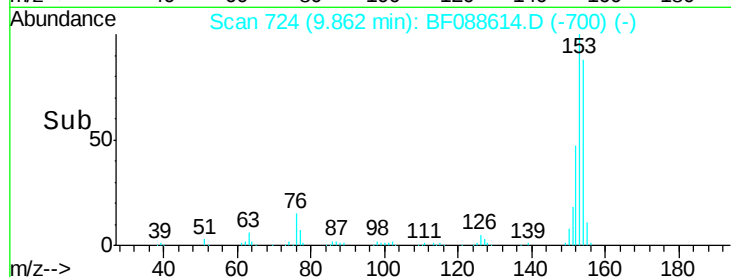
152 53.7 42.7 64.1



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: 12.74 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

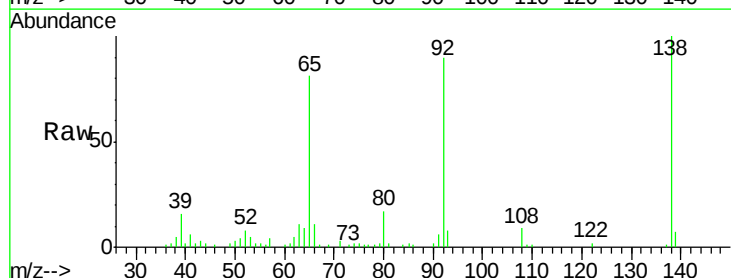
Tgt Ion:138 Resp: 51115

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

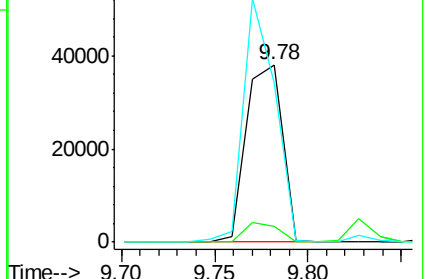
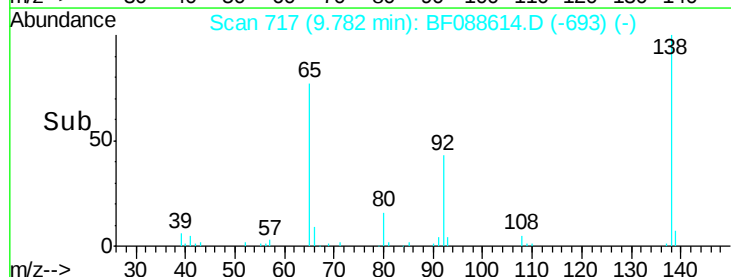
92 89.7 95.7 143.5#

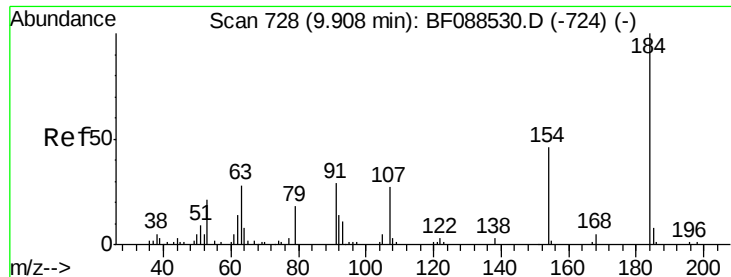


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

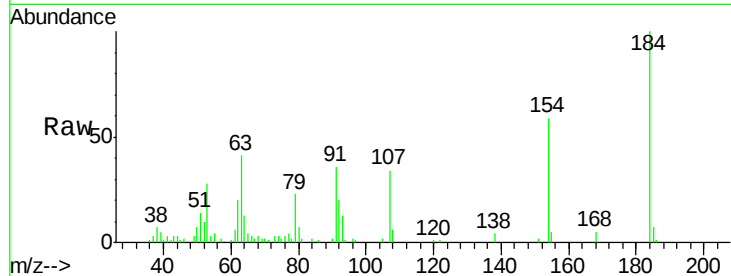




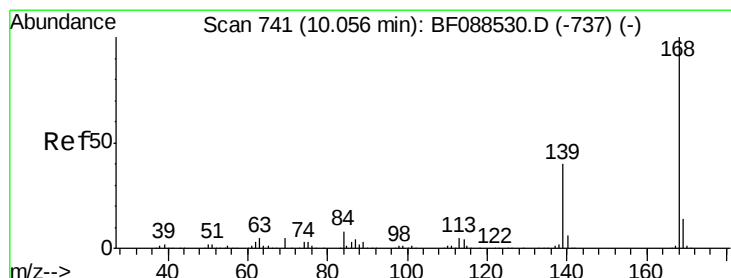
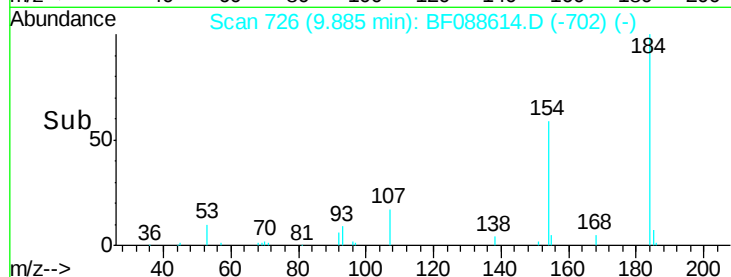
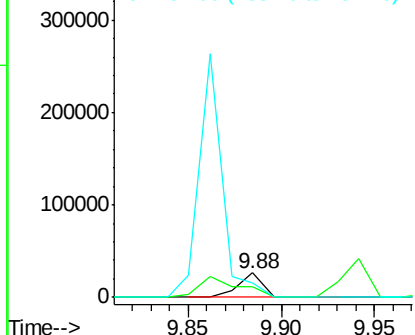
#53
2,4-Dinitrophenol
Concen: 17.23 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

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

Tgt Ion:184 Resp: 24004
Ion Ratio Lower Upper
184 100
63 40.7 57.6 86.4#
154 59.2 53.5 80.3

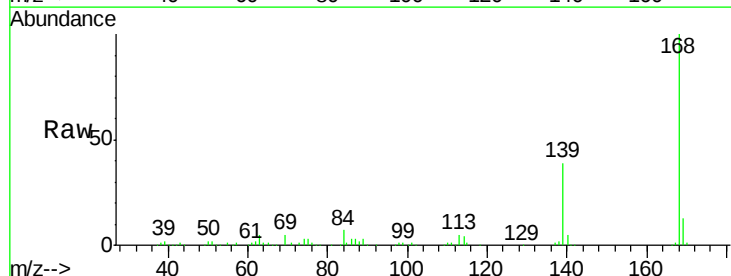


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

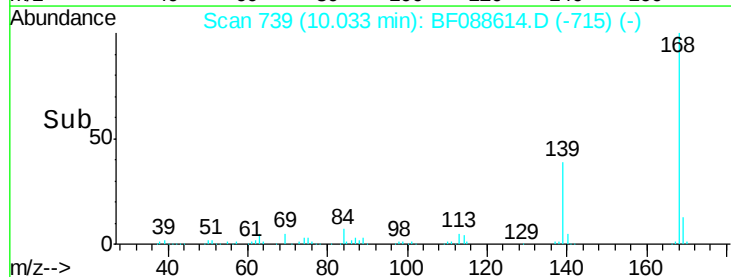
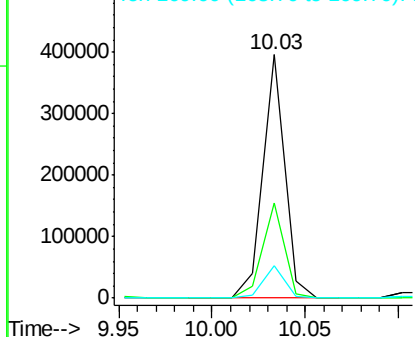


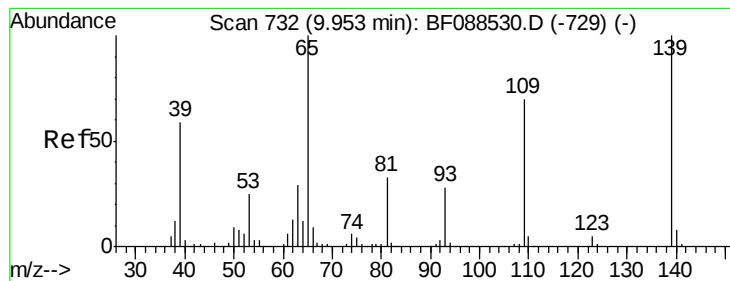
#54
Dibenzofuran
Concen: 19.16 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

Tgt Ion:168 Resp: 317809
Ion Ratio Lower Upper
168 100
139 39.1 26.4 39.6
169 13.2 10.4 15.6



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





#55

4-Nitrophenol

Concen: 45.99 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

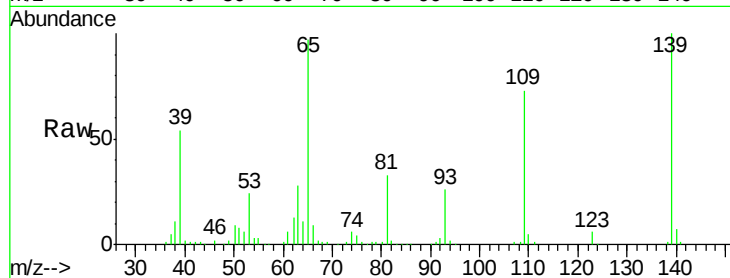
Tgt Ion:139 Resp: 140192

Ion Ratio Lower Upper

139 100

109 72.6 48.9 88.9

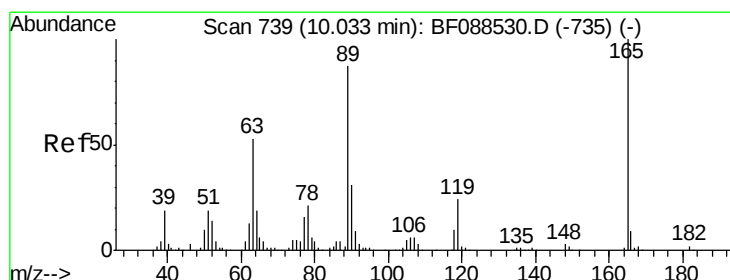
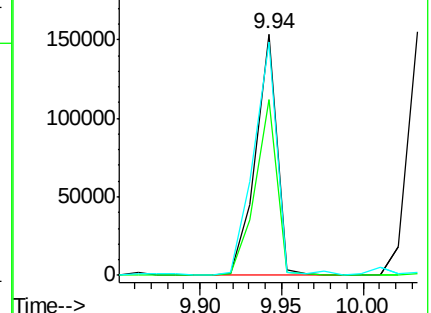
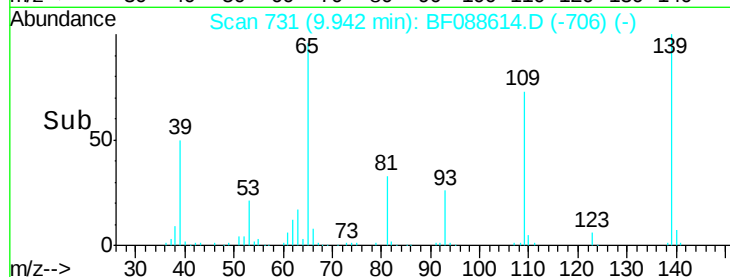
65 96.7 84.9 124.9



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: 18.06 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Tgt Ion:165 Resp: 74488

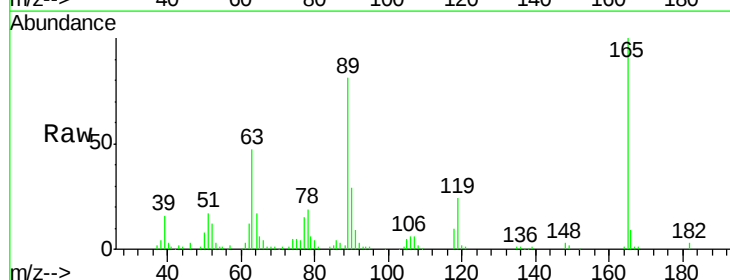
Ion Ratio Lower Upper

165 100

63 47.1 22.0 33.0#

89 81.5 41.1 61.7#

182 2.6 2.0 3.0

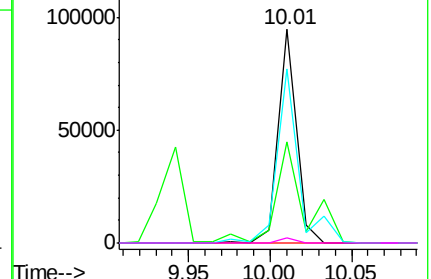
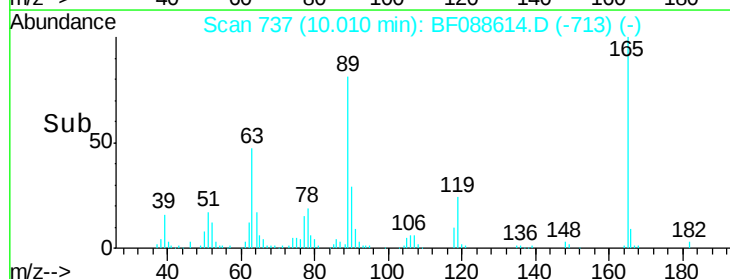


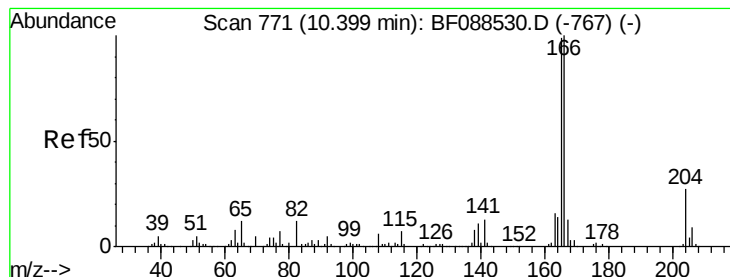
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 19.36 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

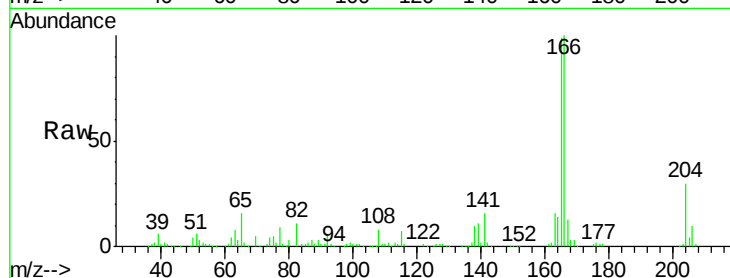
Tgt Ion:166 Resp: 247417

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.8

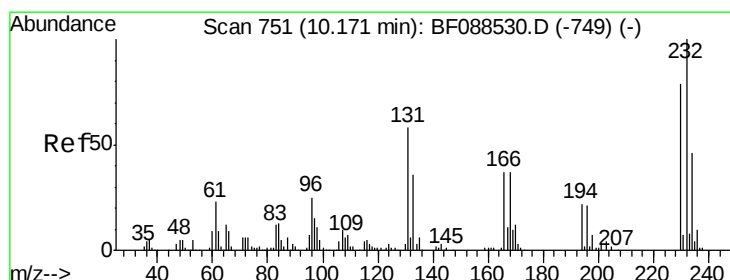
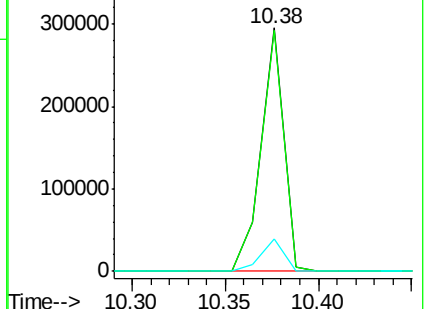
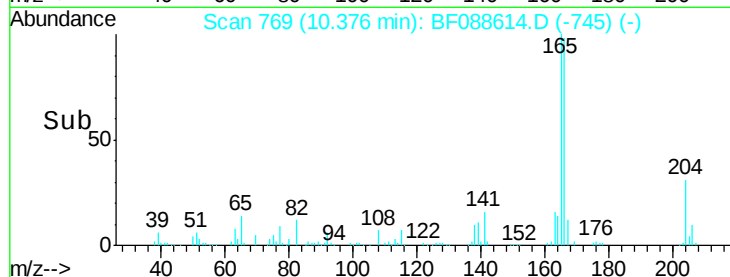
167 13.3 11.2 16.8



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: 17.49 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Tgt Ion:232 Resp: 51027

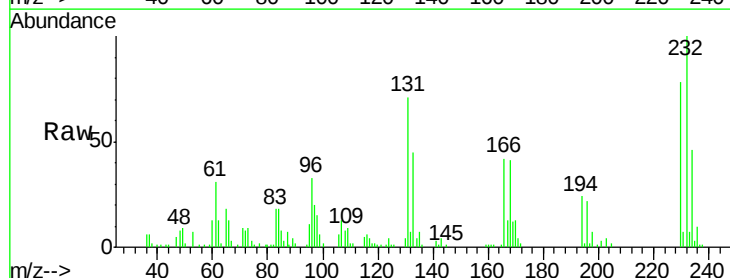
Ion Ratio Lower Upper

232 100

131 56.1 0.9 1.3#

130 2.8 1.5 2.3#

166 34.9 0.5 0.7#

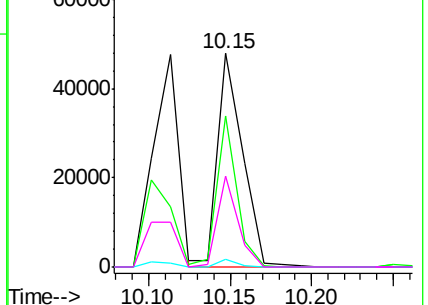
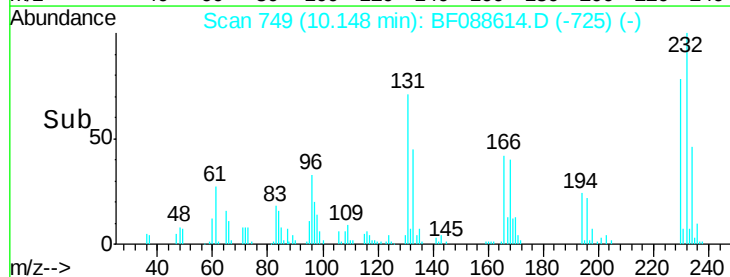


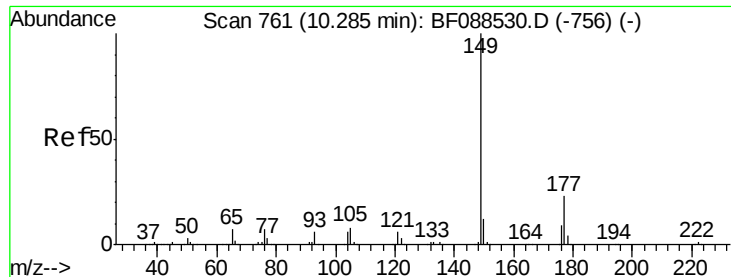
Abundance Ion 232.00 (231.70 to 232.70): E

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

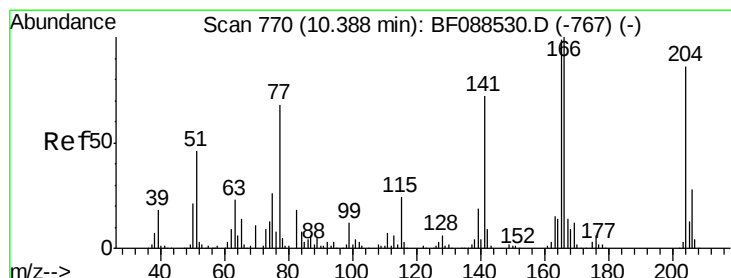
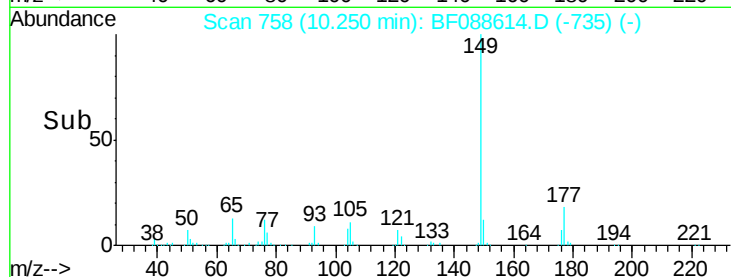
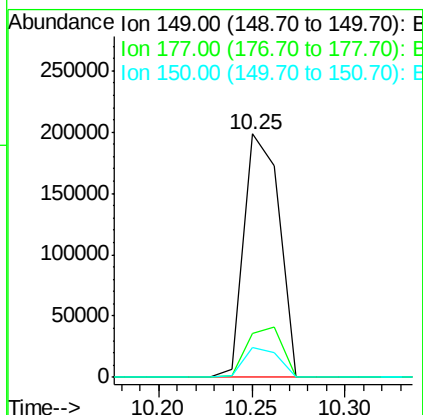
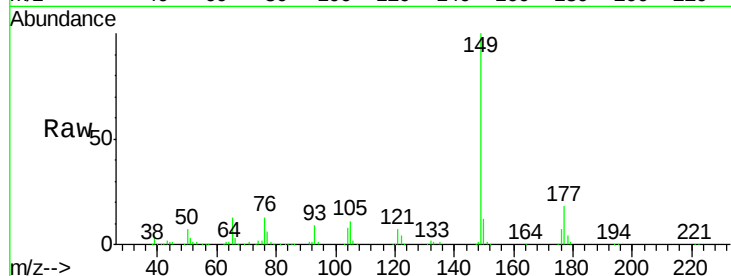




#59
Diethylphthalate
Concen: 18.18 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

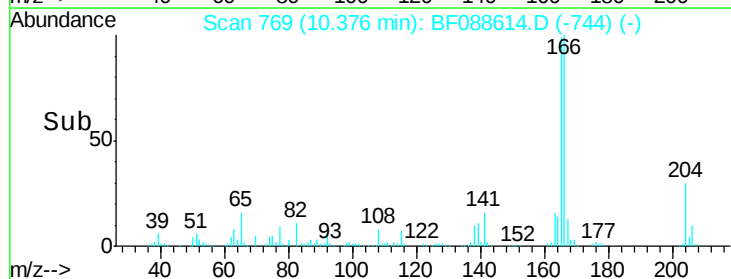
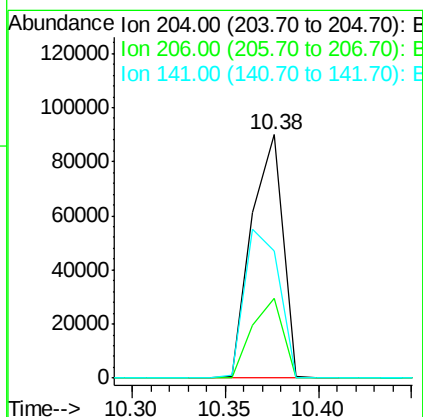
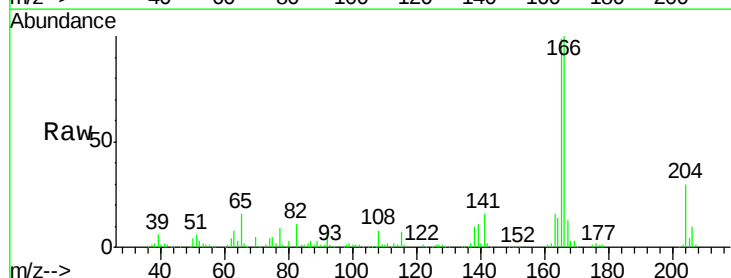
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

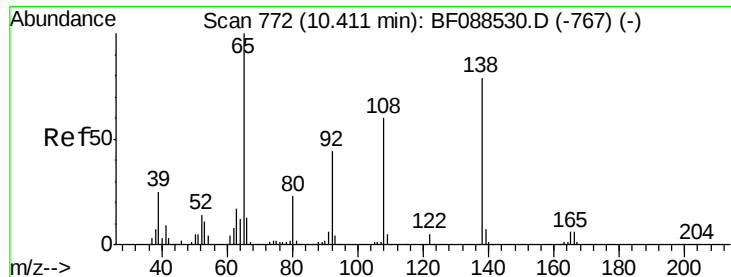
Tgt Ion:149 Resp: 259724
Ion Ratio Lower Upper
149 100
177 18.1 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 17.63 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

Tgt Ion:204 Resp: 104701
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 52.5 55.0 82.6#





#61

4-Nitroaniline

Concen: 11.86 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

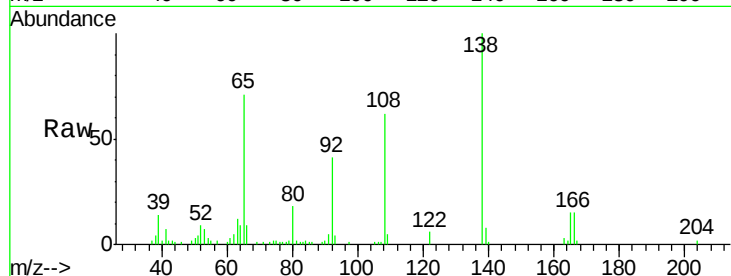
Tgt Ion:138 Resp: 45774

Ion Ratio Lower Upper

138 100

92 40.9 27.3 67.3

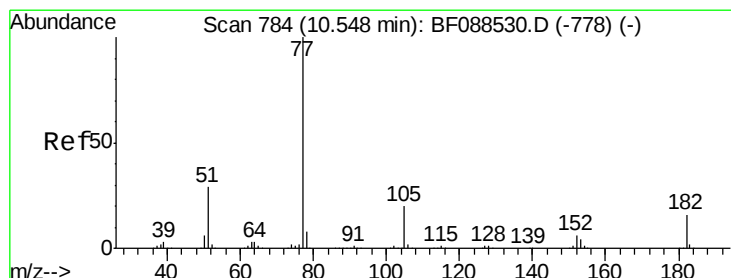
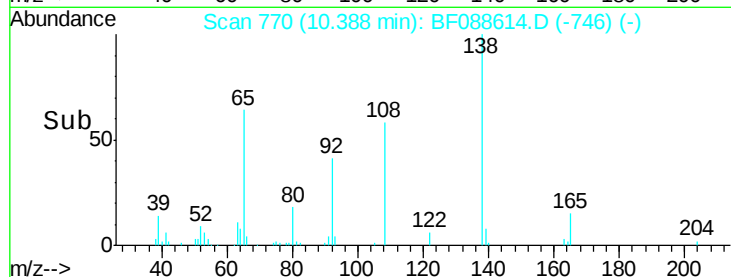
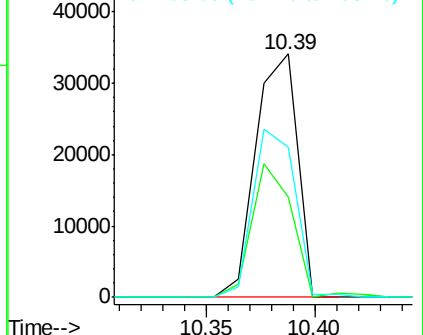
108 61.9 46.7 86.7



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: 17.73 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Tgt Ion: 77 Resp: 288965

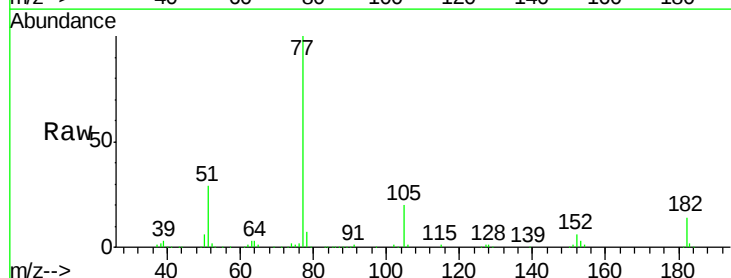
Ion Ratio Lower Upper

77 100

182 14.0 4.4 44.4

105 19.9 3.8 43.8

51 28.7 9.3 49.3

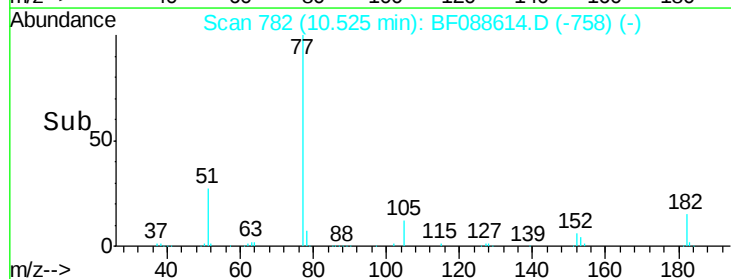
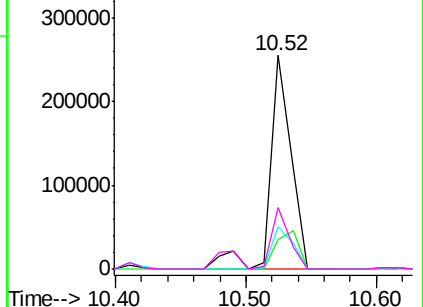


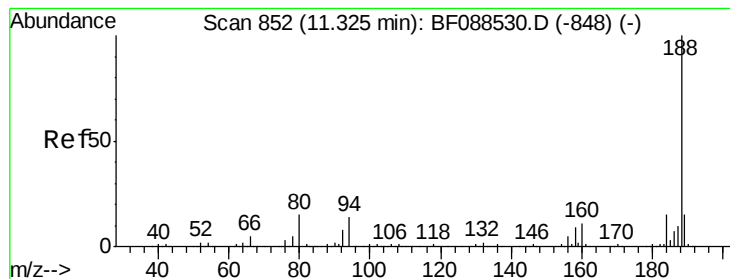
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

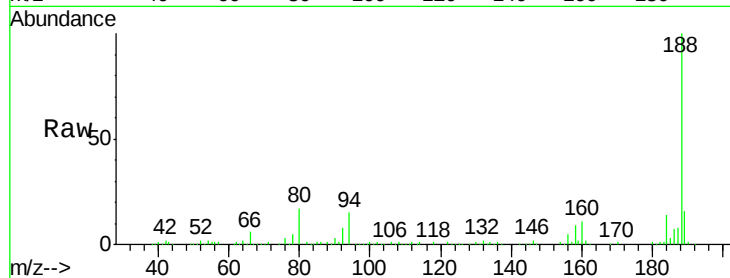
Tgt Ion:188 Resp: 347192

Ion Ratio Lower Upper

188 100

94 14.7 9.0 13.6#

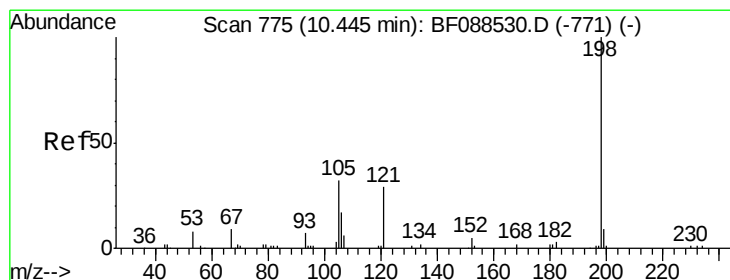
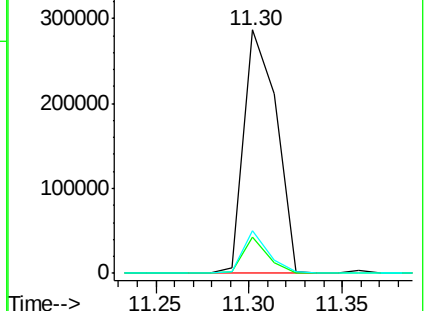
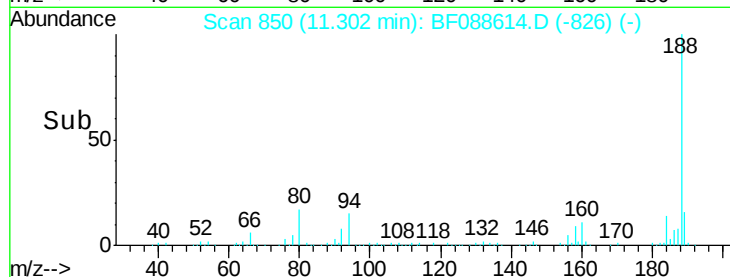
80 17.3 10.0 15.0#



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: 7.10 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

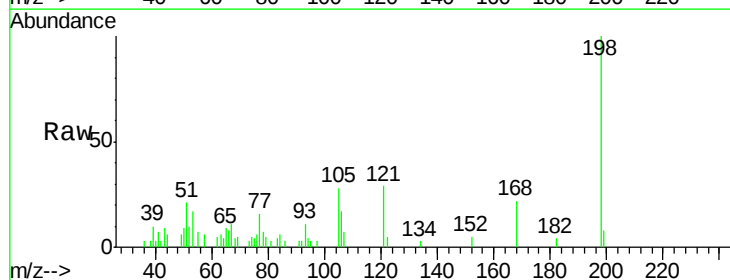
Tgt Ion:198 Resp: 13193

Ion Ratio Lower Upper

198 100

51 21.1 39.6 79.6#

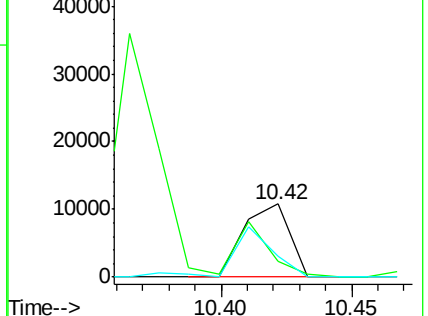
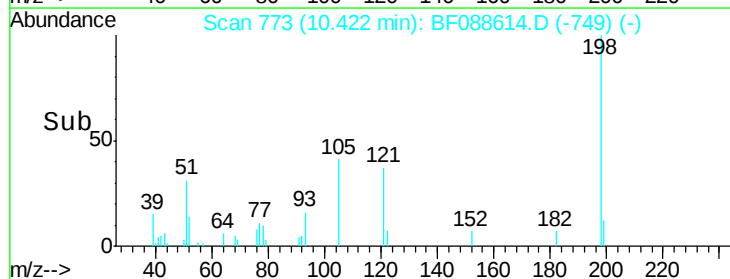
105 28.1 36.6 76.6#

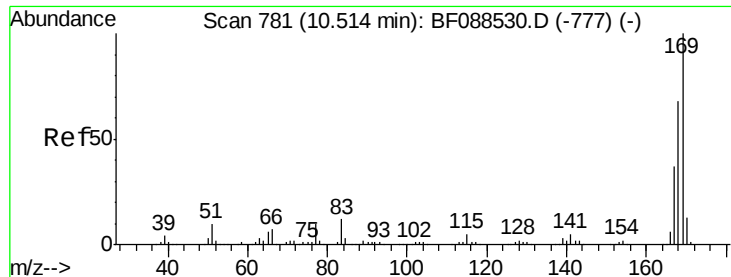


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

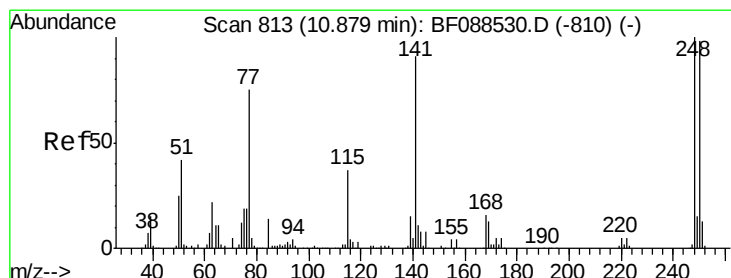
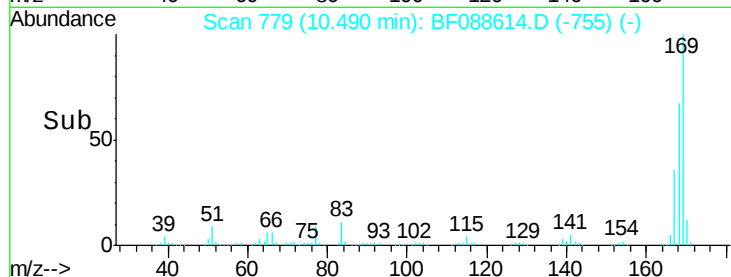
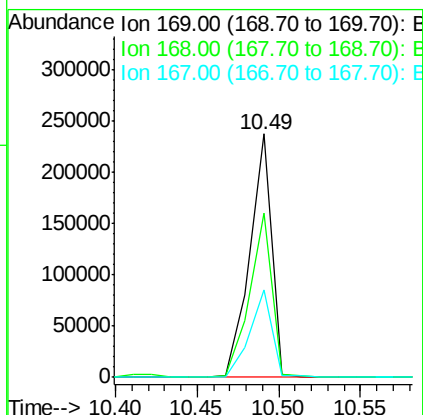
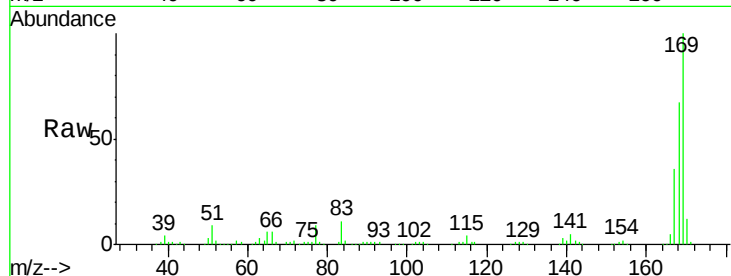




#65
 n-Nitrosodiphenylamine
 Concen: 18.83 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

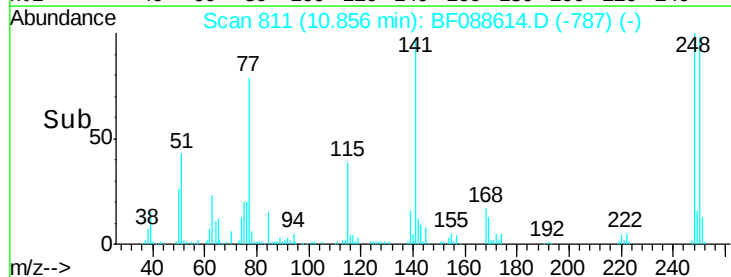
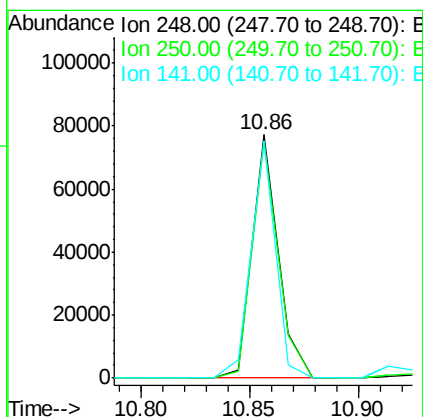
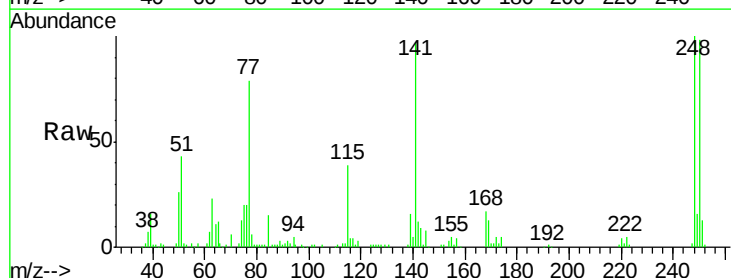
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

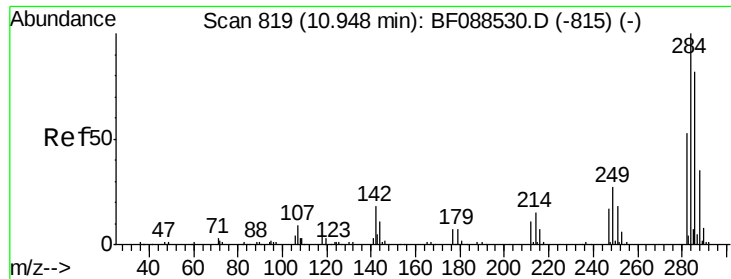
Tgt Ion:169 Resp: 221311
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 36.1 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 18.33 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:248 Resp: 64127
 Ion Ratio Lower Upper
 248 100
 250 97.5 77.1 115.7
 141 97.3 50.6 76.0#

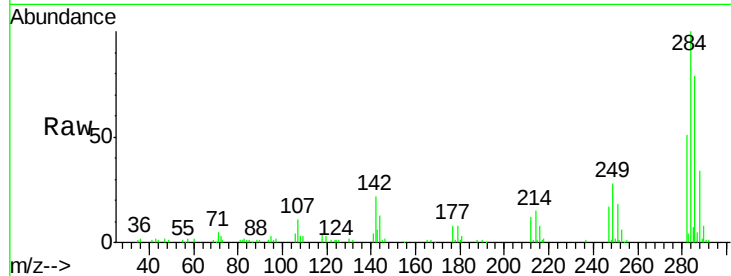




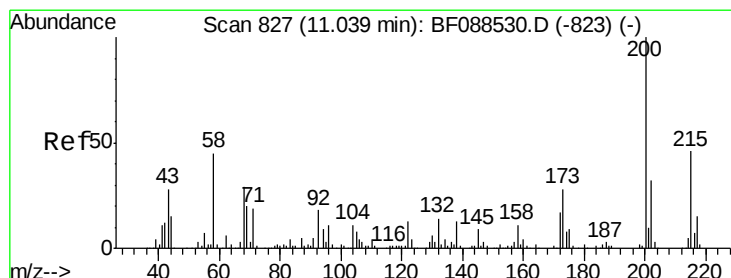
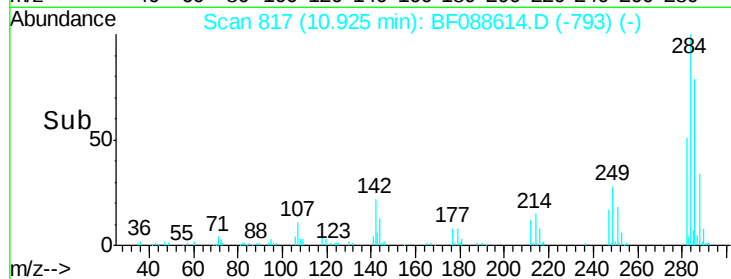
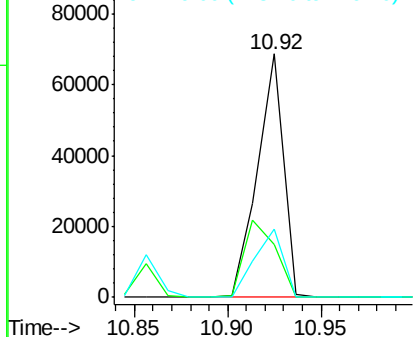
#67
Hexachlorobenzene
Concen: 17.05 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

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

Tgt Ion:284 Resp: 66039
Ion Ratio Lower Upper
284 100
142 21.8 35.8 53.8#
249 27.8 25.8 38.6

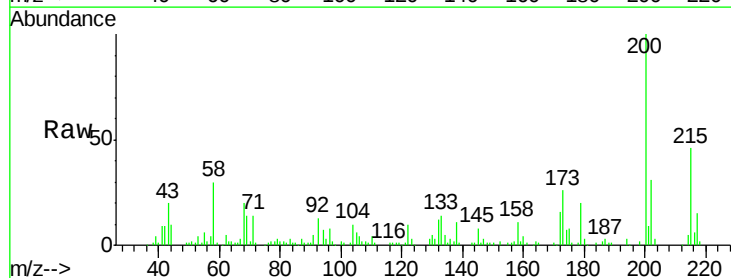


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

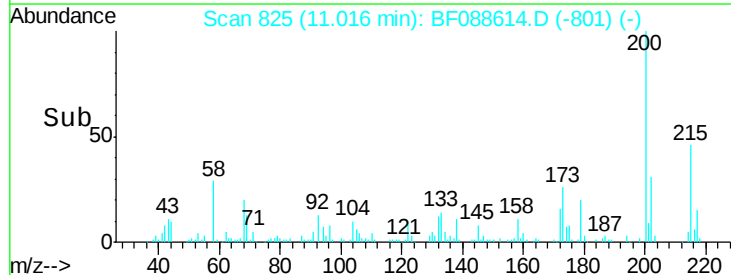
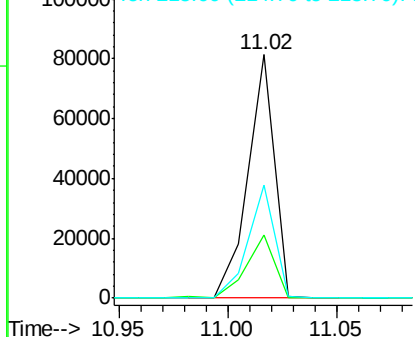


#68
Atrazine
Concen: 18.77 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

Tgt Ion:200 Resp: 68714
Ion Ratio Lower Upper
200 100
173 26.2 4.0 44.0
215 46.4 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: 37.97 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

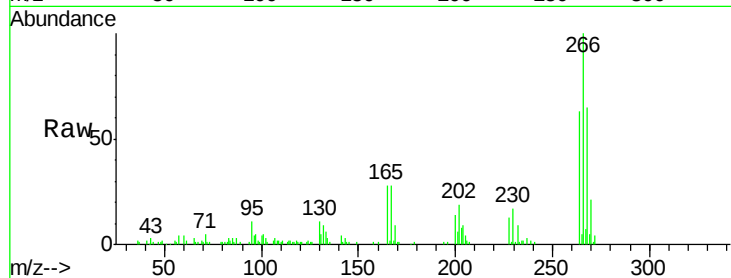
Tgt Ion:266 Resp: 87035

Ion Ratio Lower Upper

266 100

268 64.6 52.8 79.2

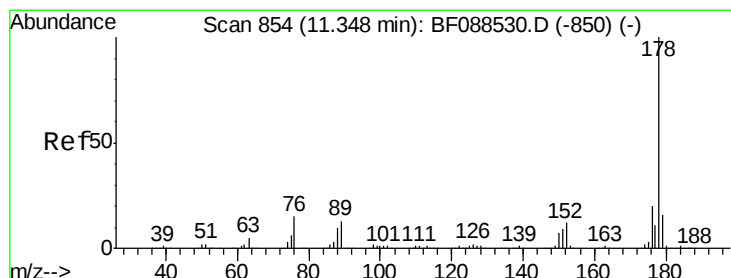
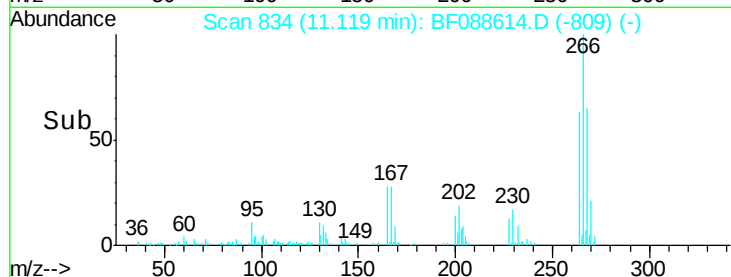
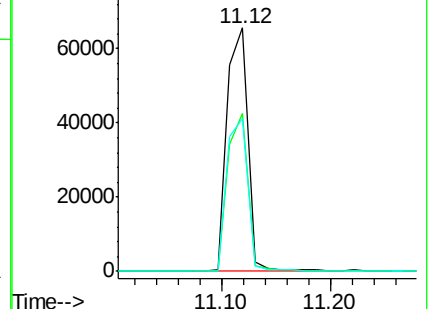
264 62.8 49.6 74.4



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: 16.35 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

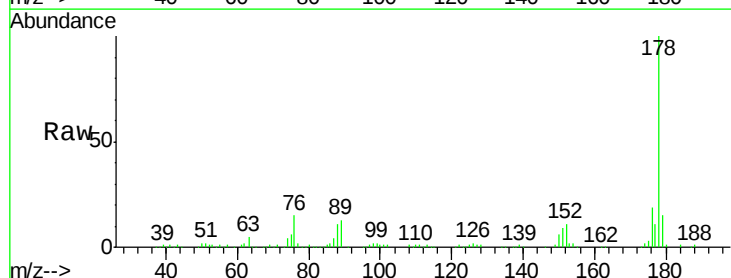
Tgt Ion:178 Resp: 310223

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

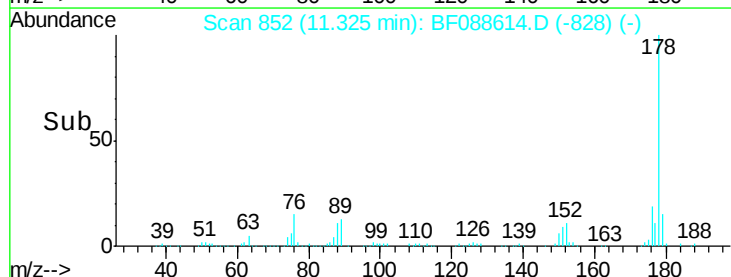
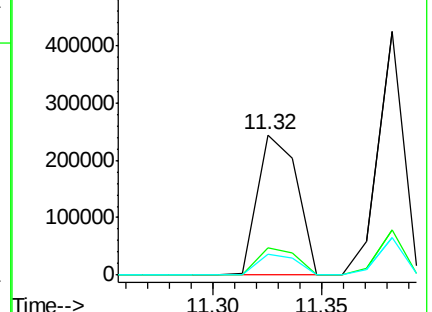
179 15.4 13.0 19.4



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

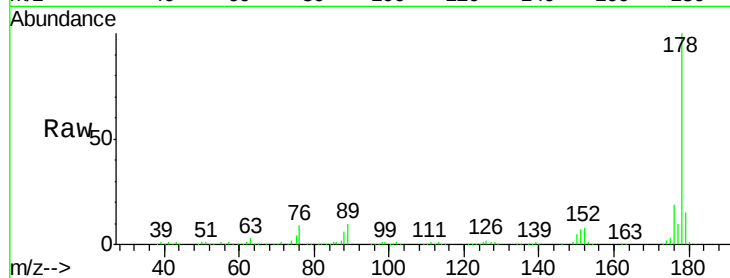




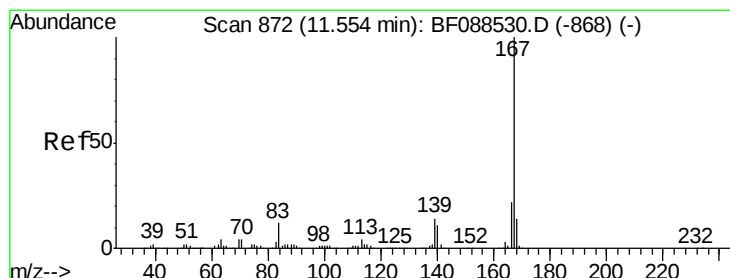
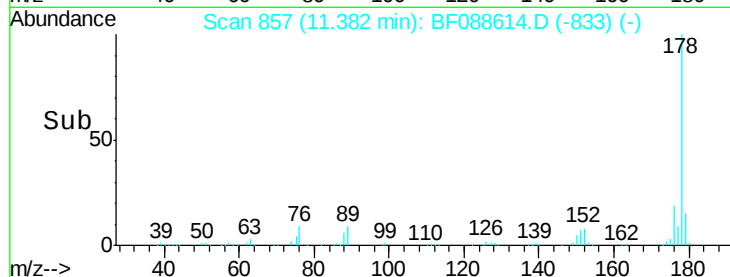
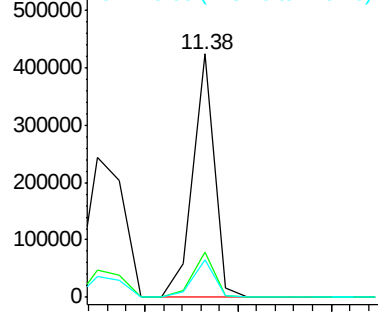
#71
 Anthracene
 Concen: 18.15 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

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

Tgt Ion:178 Resp: 342426
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 15.3 12.8 19.2

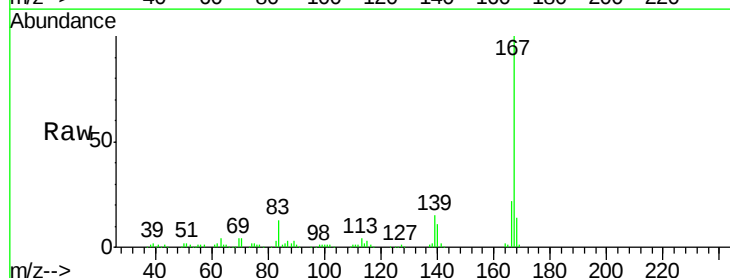


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

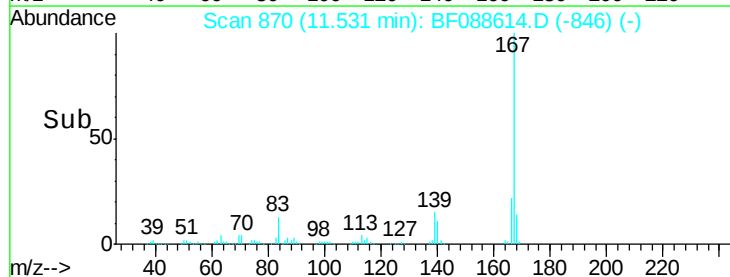
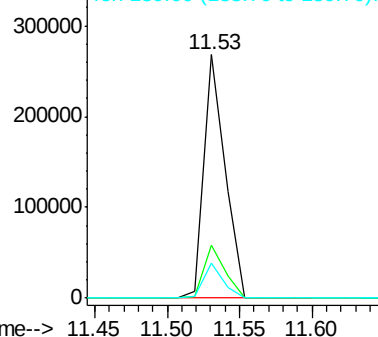


#72
 Carbazole
 Concen: 15.21 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:167 Resp: 270235
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 14.5 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 18.56 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

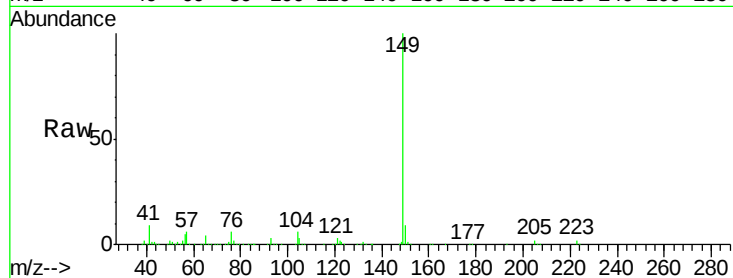
Tgt Ion:149 Resp: 383541

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

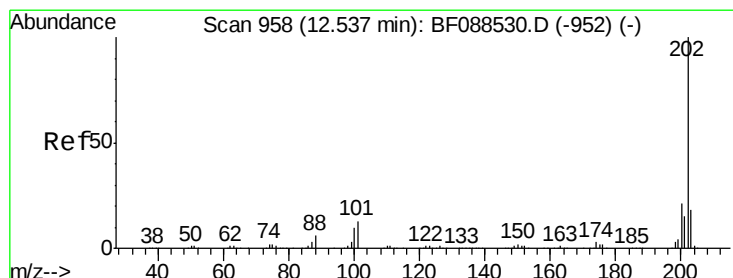
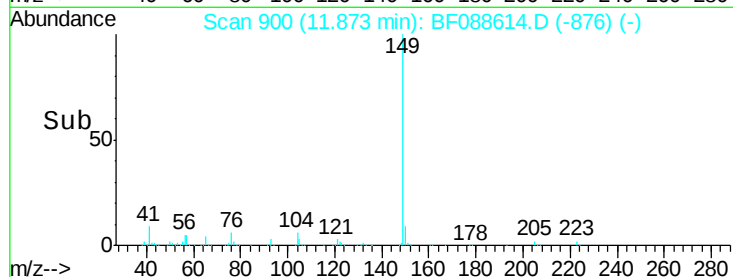
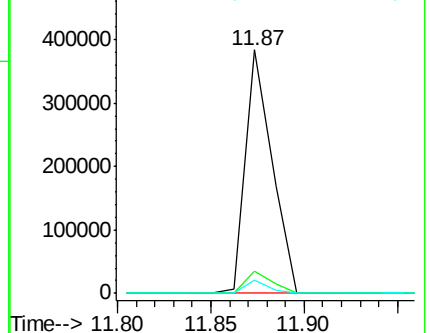
104 5.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 15.57 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

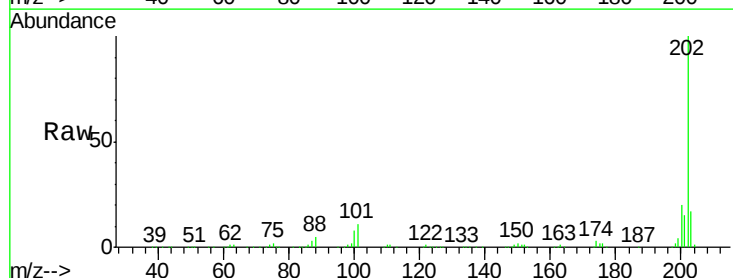
Tgt Ion:202 Resp: 299494

Ion Ratio Lower Upper

202 100

101 10.6 0.0 33.1

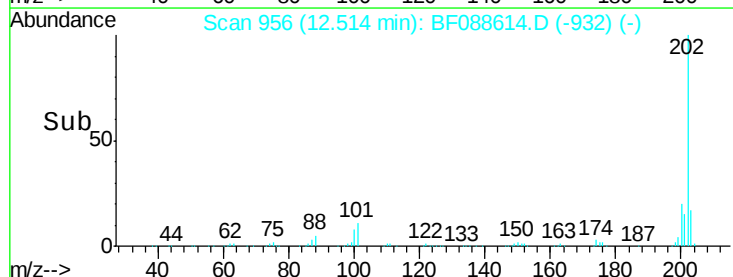
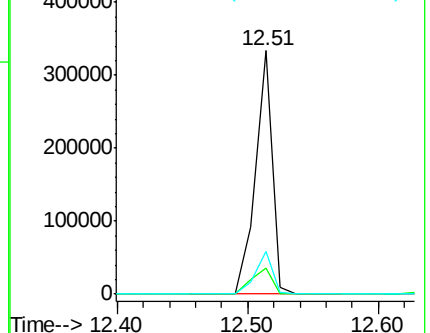
203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

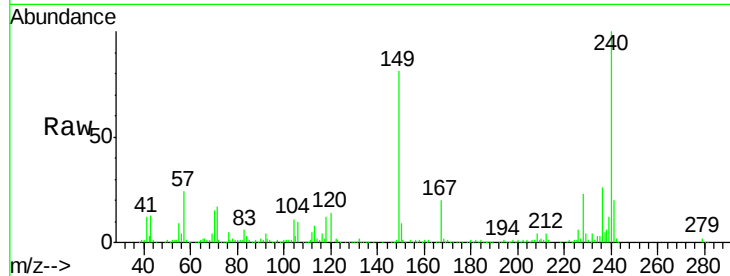
Tgt Ion:240 Resp: 212681

Ion Ratio Lower Upper

240 100

120 13.8 6.8 10.2#

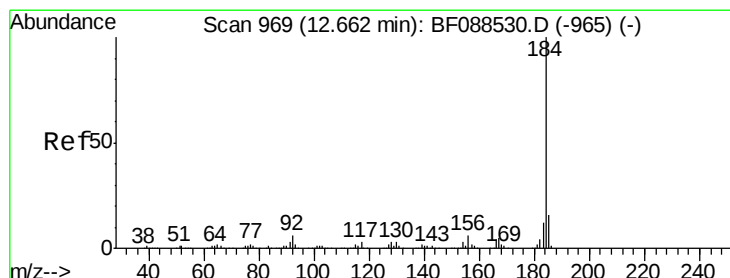
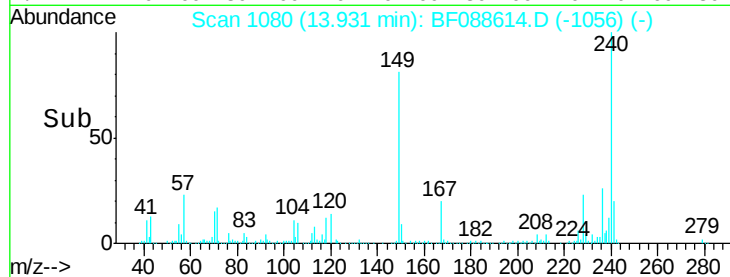
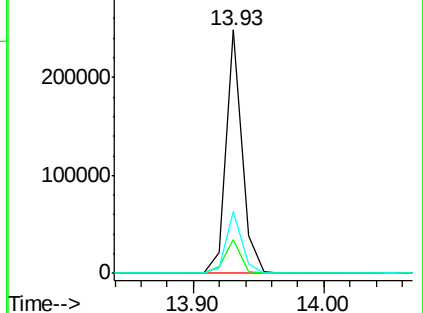
236 25.6 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.62 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

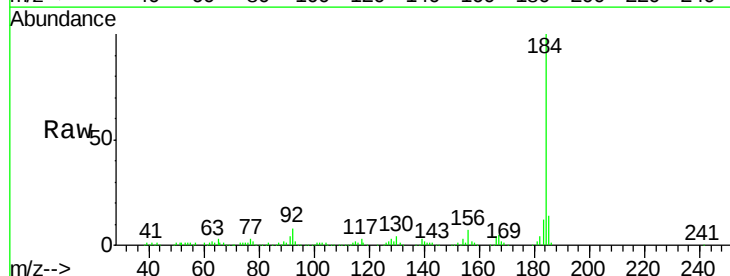
Tgt Ion:184 Resp: 296961

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

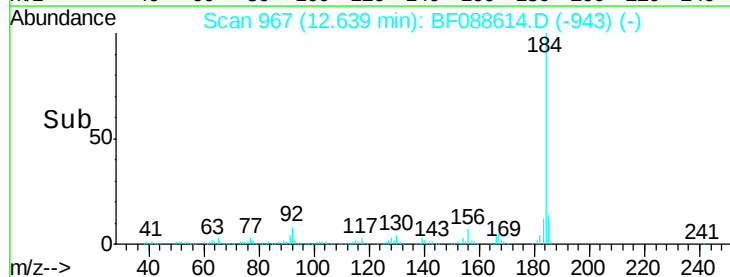
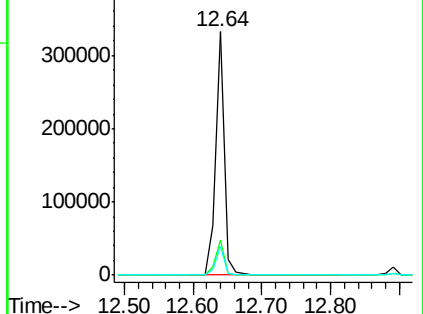
183 11.6 9.3 13.9



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

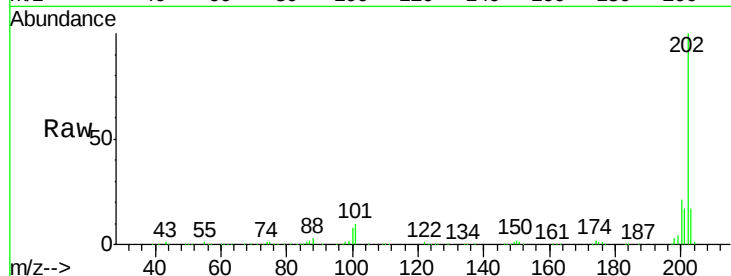




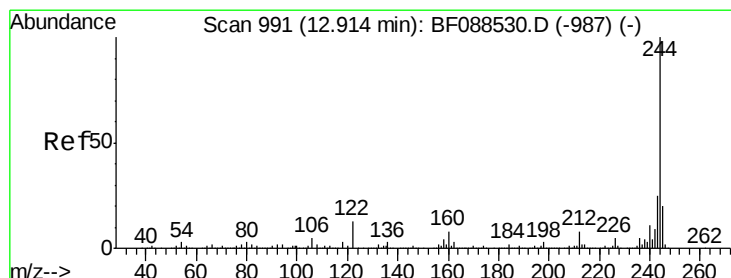
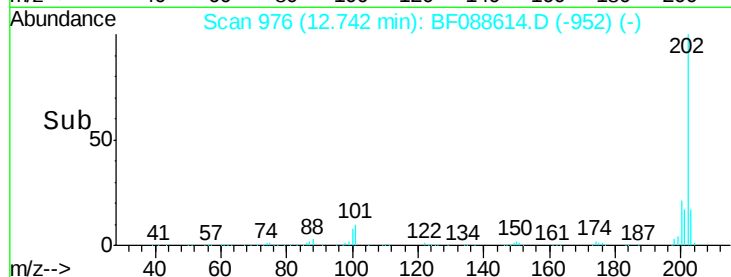
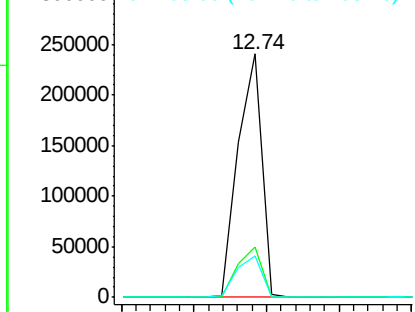
#77
Pyrene
 Concen: 15.23 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

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

Tgt Ion: 202 Resp: 274635
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.4 26.2
 203 17.0 14.5 21.7

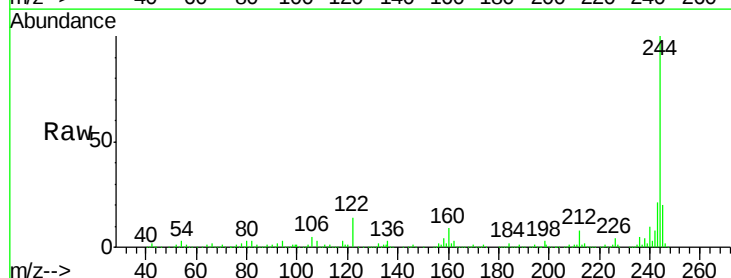


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

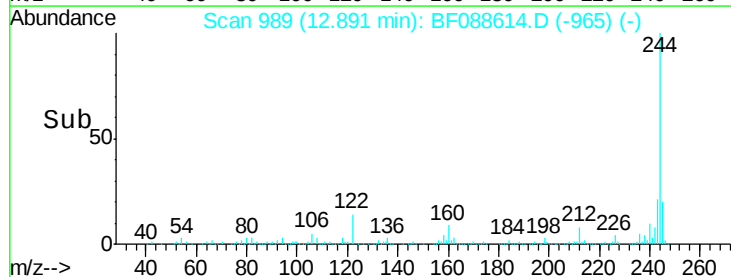
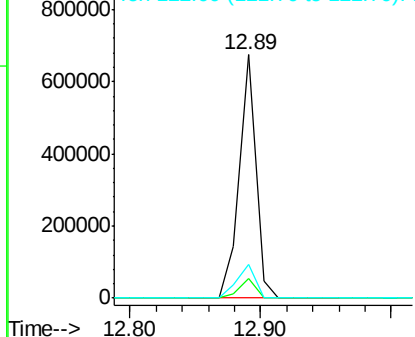


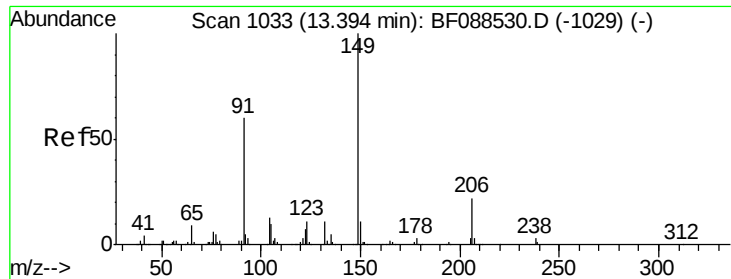
#78
Terphenyl-d14
 Concen: 62.28 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion: 244 Resp: 594713
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.7 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

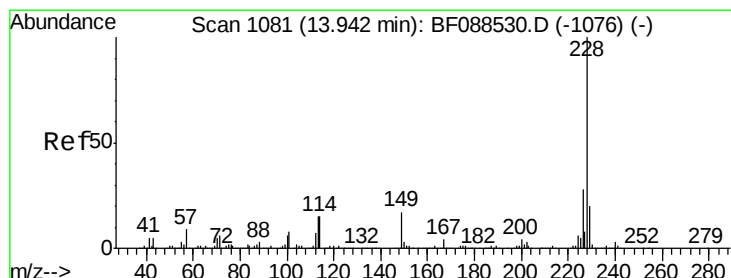
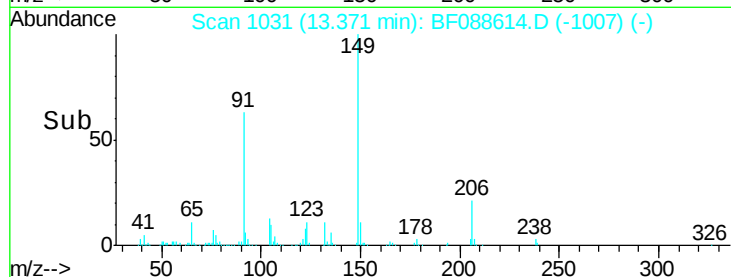
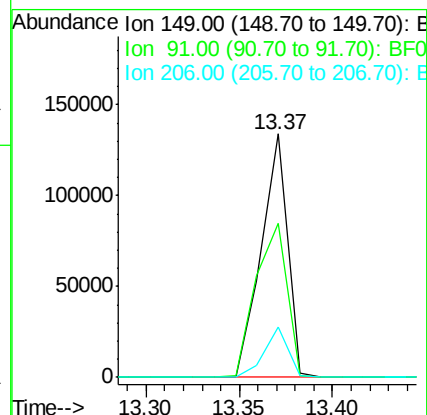
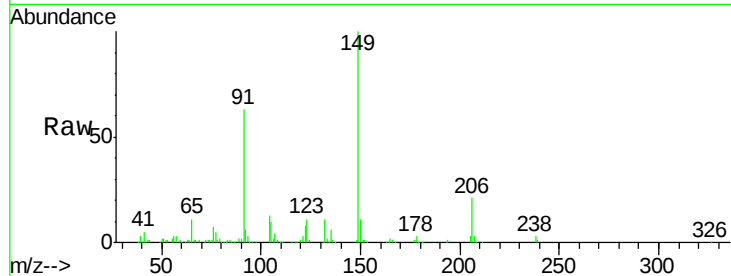




#79
Butylbenzylphthalate
Concen: 16.17 ng
RT: 13.37 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

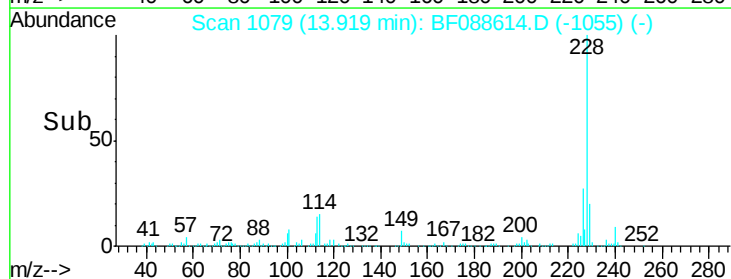
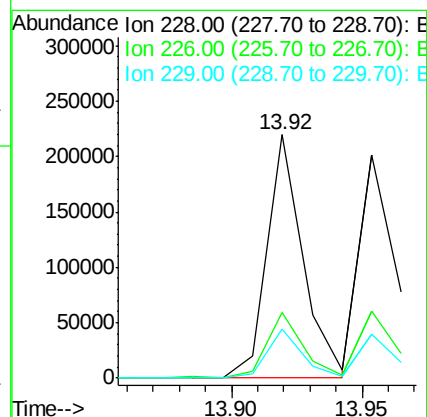
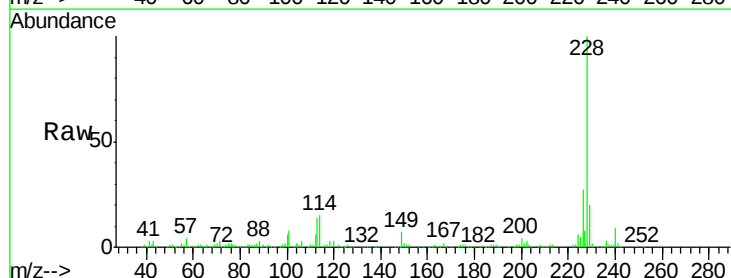
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMS

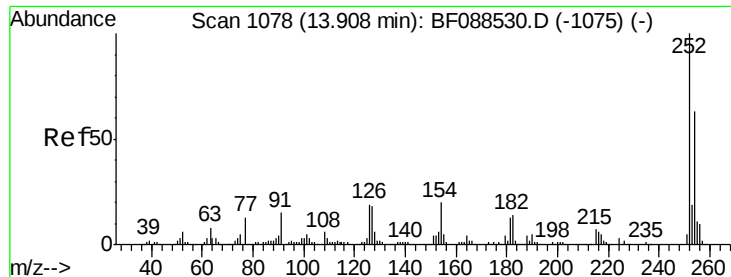
Tgt Ion:149 Resp: 130078
Ion Ratio Lower Upper
149 100
91 63.2 48.0 72.0
206 20.8 16.0 24.0



#80
Benzo(a)anthracene
Concen: 15.27 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088614.D
Acq: 2 Jul 2016 13:46

Tgt Ion:228 Resp: 209136
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.9 16.0 24.0

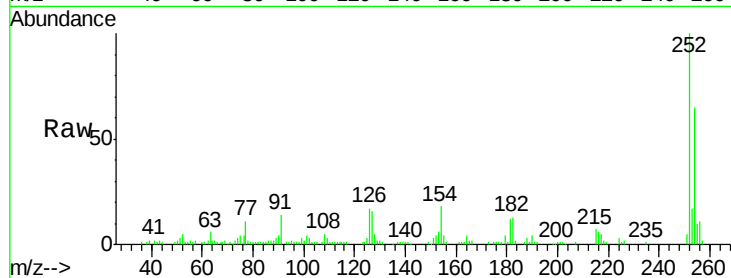




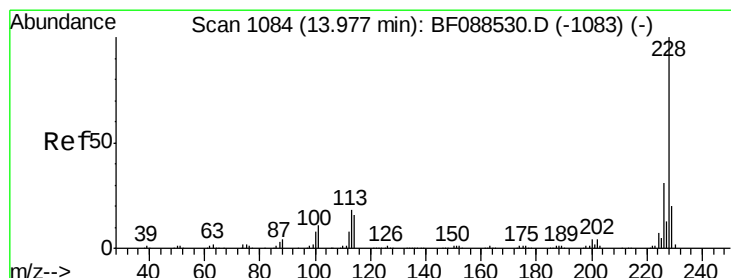
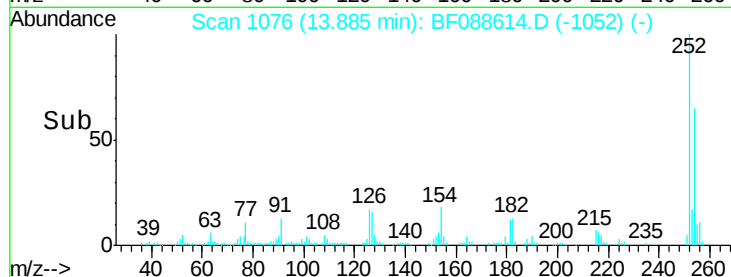
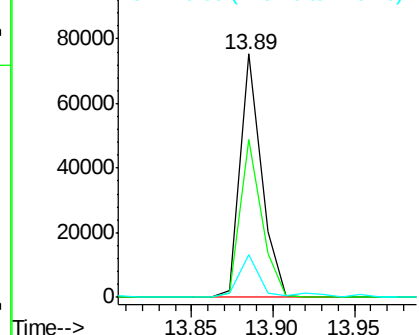
#81
 3,3'-Dichlorobenzidine
 Concen: 13.20 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

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

Tgt Ion:252 Resp: 67940
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.6 78.8
 126 17.3 6.2 9.2#

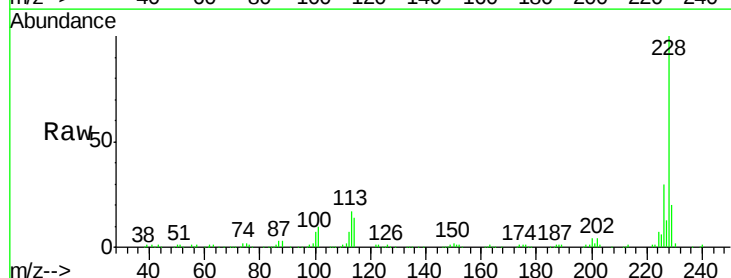


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

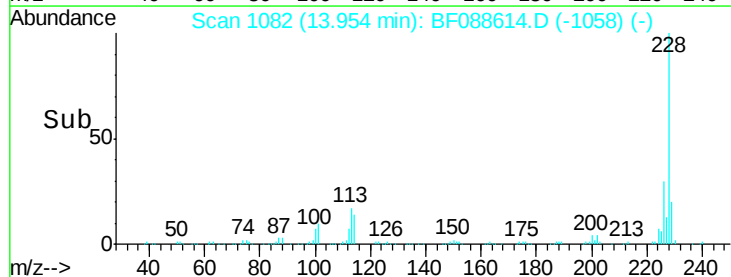
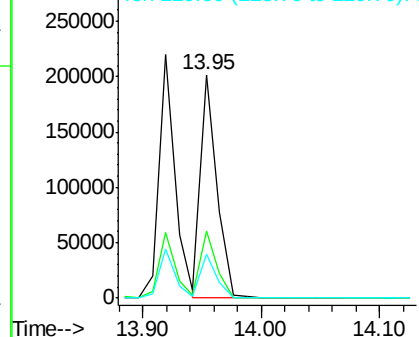


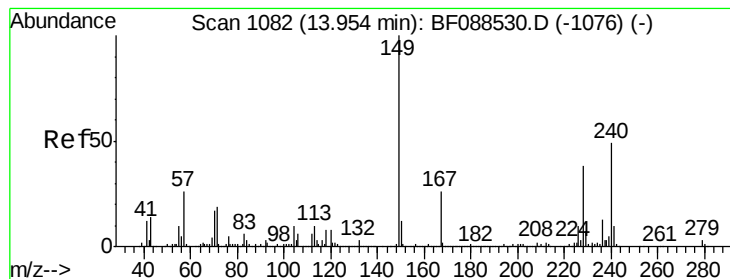
#82
 Chrysene
 Concen: 14.40 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion:228 Resp: 195113
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 19.8 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 18.78 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

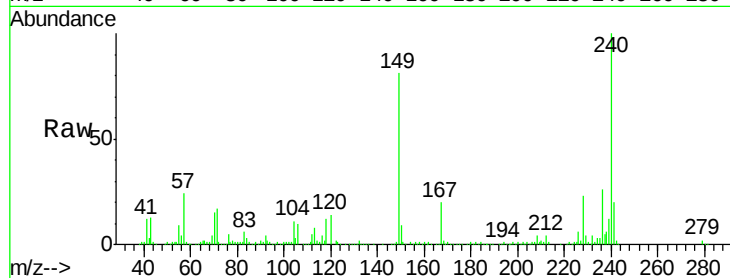
Tgt Ion:149 Resp: 172455

Ion Ratio Lower Upper

149 100

167 24.6 20.5 30.7

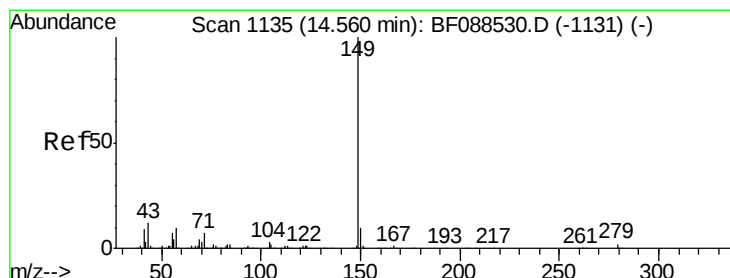
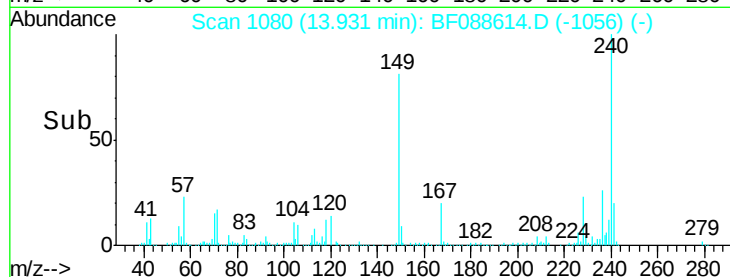
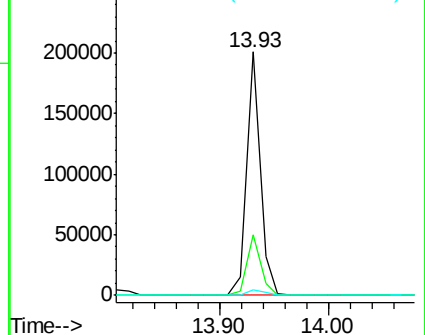
279 2.3 2.0 3.0



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: 17.66 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

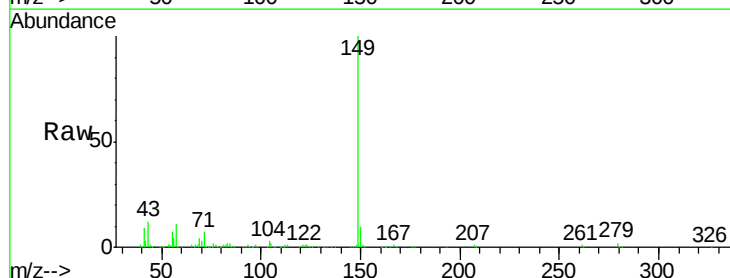
Tgt Ion:149 Resp: 275572

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

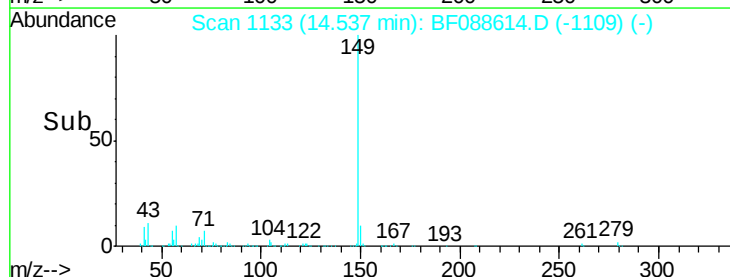
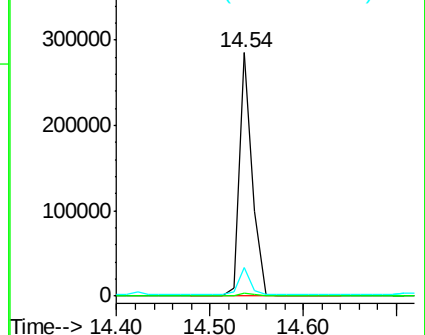
43 9.9 0.0 0.0#

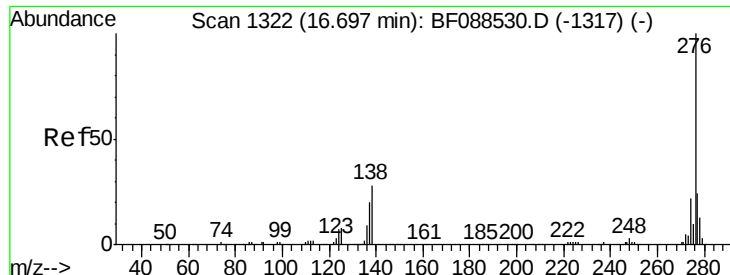


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

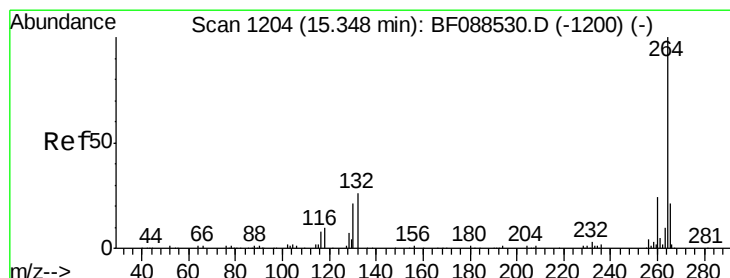
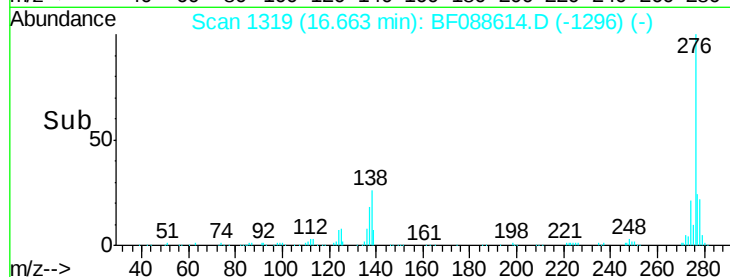
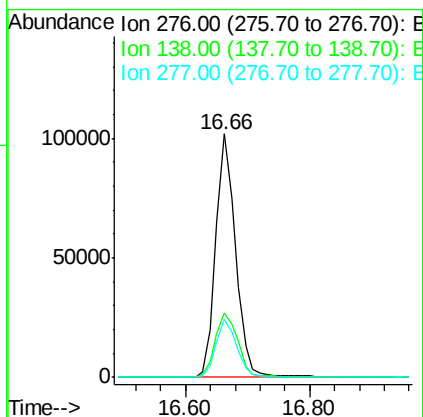
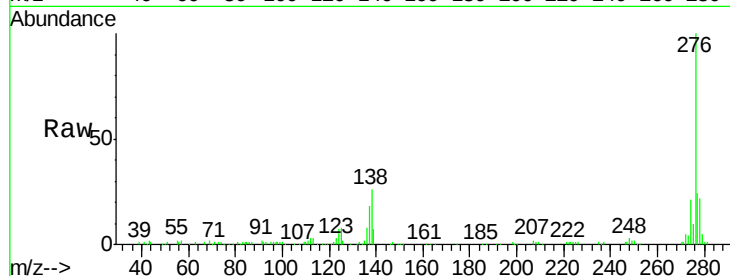




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.50 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

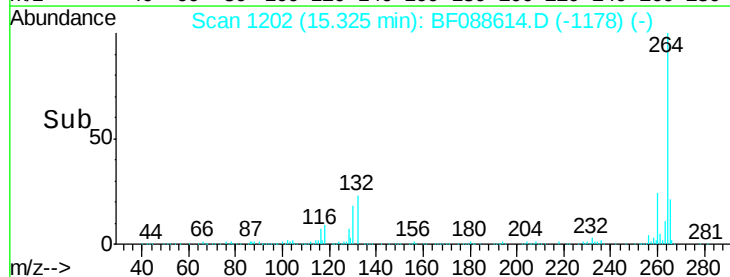
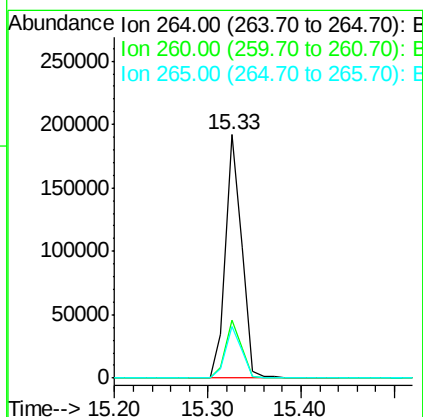
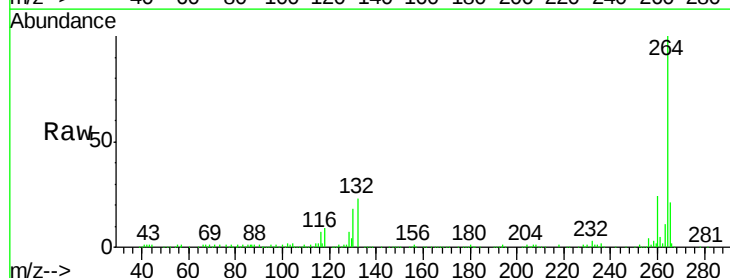
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMS

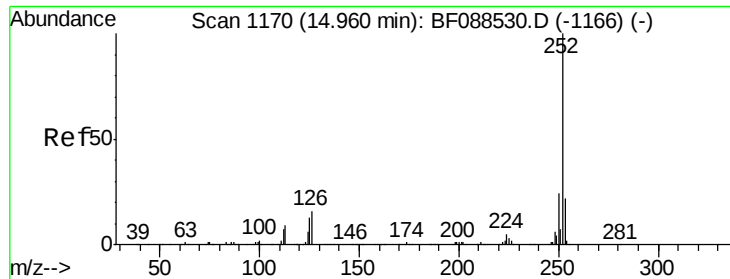
Tgt Ion: 276 Resp: 224075
 Ion Ratio Lower Upper
 276 100
 138 30.3 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF088614.D
 Acq: 2 Jul 2016 13:46

Tgt Ion: 264 Resp: 233378
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 28.36 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

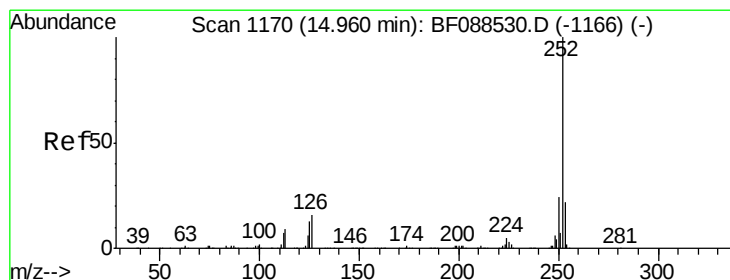
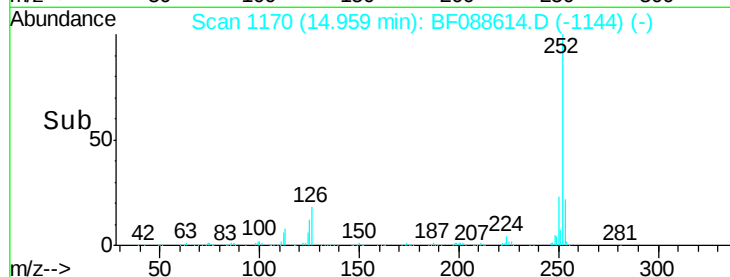
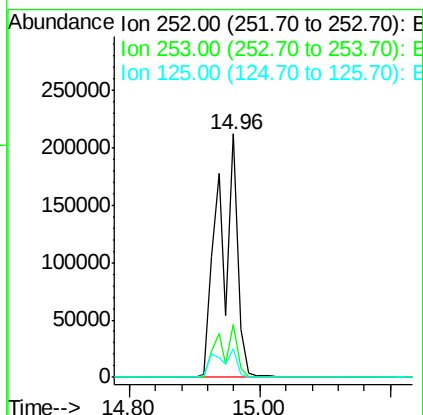
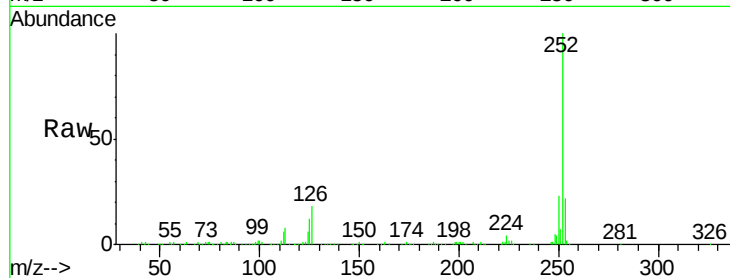
Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

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

Tgt Ion:252 Resp: 415259

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	12.0	7.1	10.7#



#88

Benzo(k)fluoranthene

Concen: 32.58 ng

RT: 14.96 min Scan# 1170

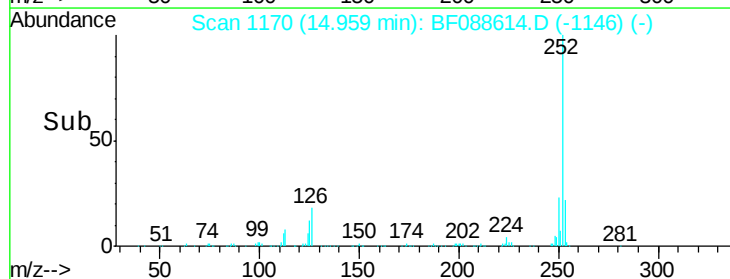
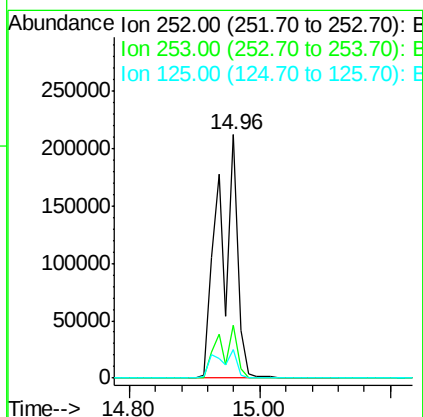
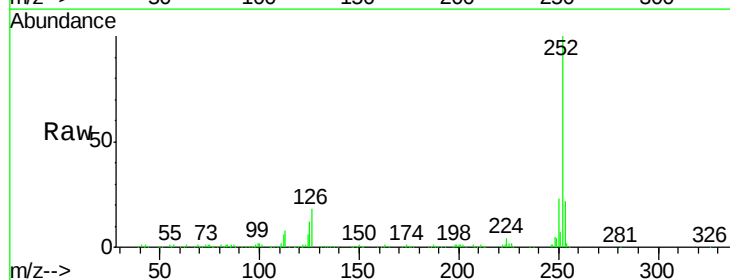
Delta R.T. -0.02 min

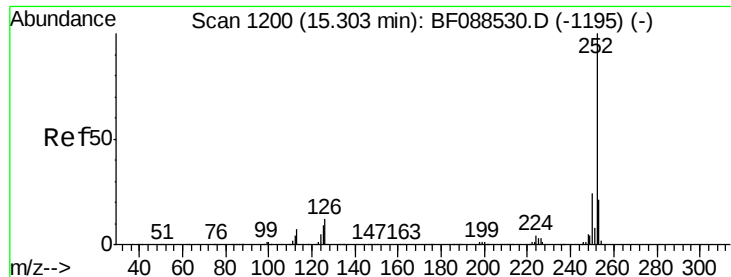
Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Tgt Ion:252 Resp: 415259

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	12.0	11.2	16.8





#89

Benzo(a)pyrene

Concen: 16.88 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS

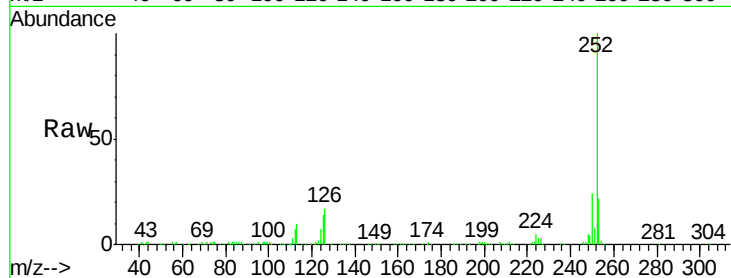
Tgt Ion:252 Resp: 209256

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

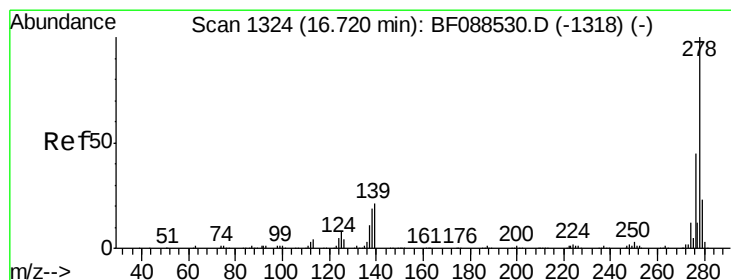
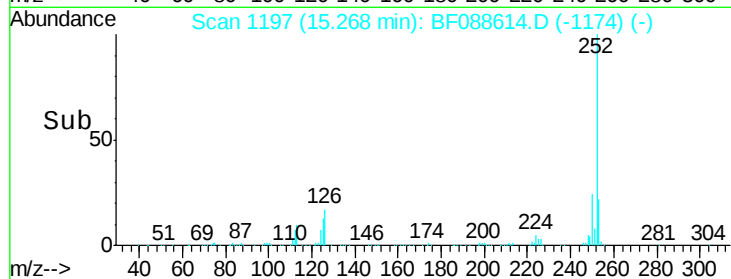
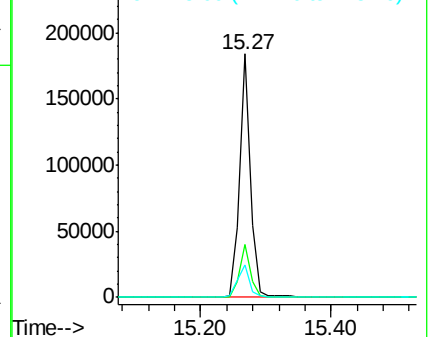
125 13.5 12.5 18.7



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: 18.29 ng

RT: 16.69 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF088614.D

Acq: 2 Jul 2016 13:46

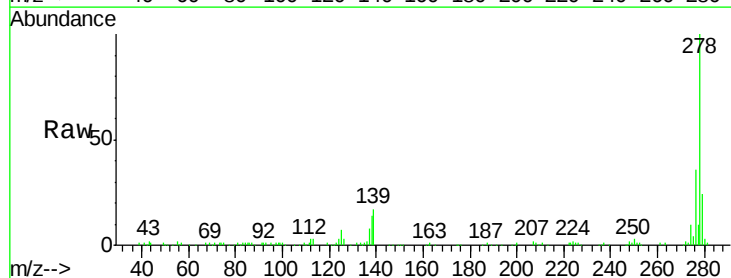
Tgt Ion:278 Resp: 189351

Ion Ratio Lower Upper

278 100

139 17.1 15.7 23.5

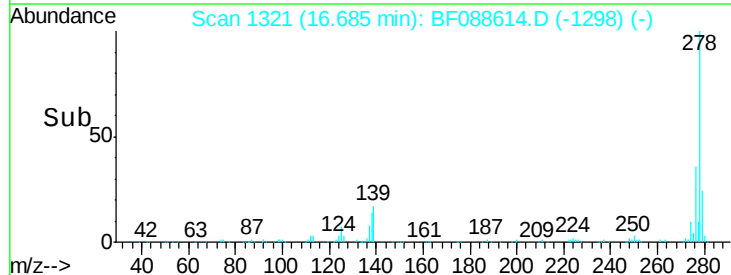
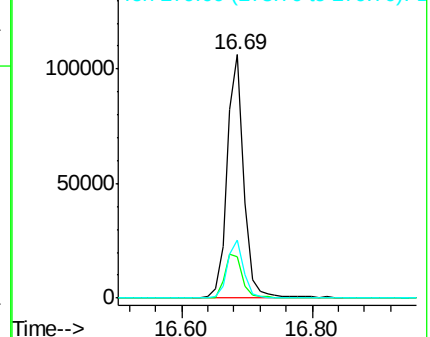
279 23.8 19.4 29.2

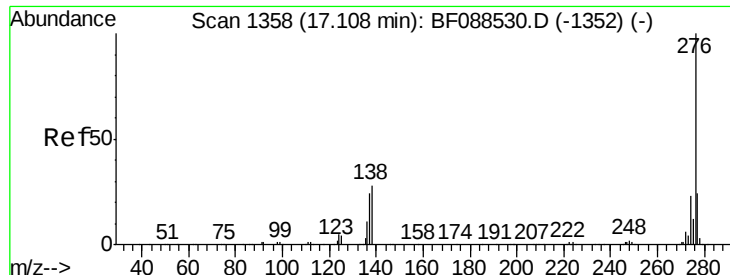


Abundance Ion 278.00 (277.70 to 278.70): E

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: 16.65 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.05 min

Lab File: BF088614.D

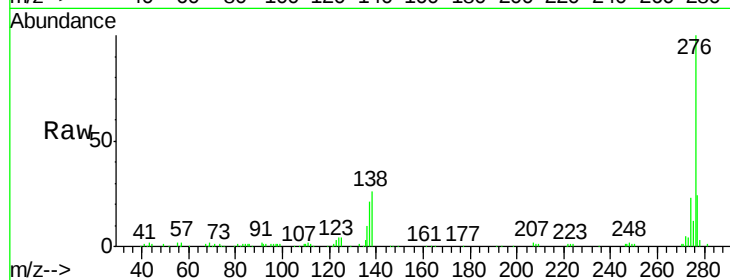
Acq: 2 Jul 2016 13:46

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMS



Tgt Ion: 276 Resp: 178359

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 26.1 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

