

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088615.D
 Acq On : 2 Jul 2016 14:15
 Operator : UM/SJ
 Sample : H3871-11MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jul 03 03:02:30 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	110289	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	461500	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	192240	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	340772	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	199615	20.00	ng	-0.02
86) Perylene-d12	15.33	264	228173	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	730882	99.32	ng	-0.01
7) Phenol-d6	6.43	99	1035860	108.94	ng	-0.01
23) Nitrobenzene-d5	7.36	82	678674	77.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	194046	108.70	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1054586	86.65	ng	-0.02
78) Terphenyl-d14	12.89	244	664357	74.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	94906	26.01	ng	# 34
3) Pyridine	3.08	79	144499	13.65	ng	93
4) n-Nitrosodimethylamine	3.02	42	64650	15.98	ng	86
6) Aniline	6.44	93	167755	12.11	ng	# 1
8) 2-Chlorophenol	6.58	128	137984	17.45	ng	85
9) Benzaldehyde	6.33	77	94078	14.61	ng	84
10) Phenol	6.44	94	249941	23.03	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	143491	17.73	ng	# 81
12) 1,3-Dichlorobenzene	6.73	146	152202	17.49	ng	97
13) 1,4-Dichlorobenzene	6.81	146	160804	18.61	ng	98
14) 1,2-Dichlorobenzene	6.97	146	136109	16.83	ng	99
15) Benzyl Alcohol	6.94	79	154971	22.14	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	198586	16.94	ng	87
17) 2-Methylphenol	7.05	107	123624	19.16	ng	97
18) Hexachloroethane	7.31	117	56275	16.84	ng	91
19) n-Nitroso-di-n-propylamine	7.21	70	119973	18.78	ng	90
20) 3+4-Methylphenols	7.21	107	157811	20.38	ng	91
22) Acetophenone	7.20	105	204665	18.27	ng	# 86
24) Nitrobenzene	7.37	77	147440	16.61	ng	# 76
25) Isophorone	7.61	82	288946	17.71	ng	# 91
26) 2-Nitrophenol	7.69	139	69914	19.20	ng	96
27) 2,4-Dimethylphenol	7.74	122	144507	19.06	ng	92
28) bis(2-Chloroethoxy)methane	7.83	93	180832	17.03	ng	# 93
29) 2,4-Dichlorophenol	7.93	162	112565	18.37	ng	93
30) 1,2,4-Trichlorobenzene	8.02	180	128952	19.17	ng	98
31) Naphthalene	8.10	128	454584	19.98	ng	99
32) Benzoic acid	7.82	122	50102	9.10	ng	91
33) 4-Chloroaniline	8.15	127	117003	11.56	ng	98
34) Hexachlorobutadiene	8.23	225	70989	19.71	ng	98
35) Caprolactam	8.49	113	38102	18.30	ng	94
36) 4-Chloro-3-methylphenol	8.63	107	121221	16.73	ng	89
37) 2-Methylnaphthalene	8.79	142	266214	18.17	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	121807	19.05	ng	# 1
40) Hexachlorocyclopentadiene	8.95	237	116521	37.13	ng	99

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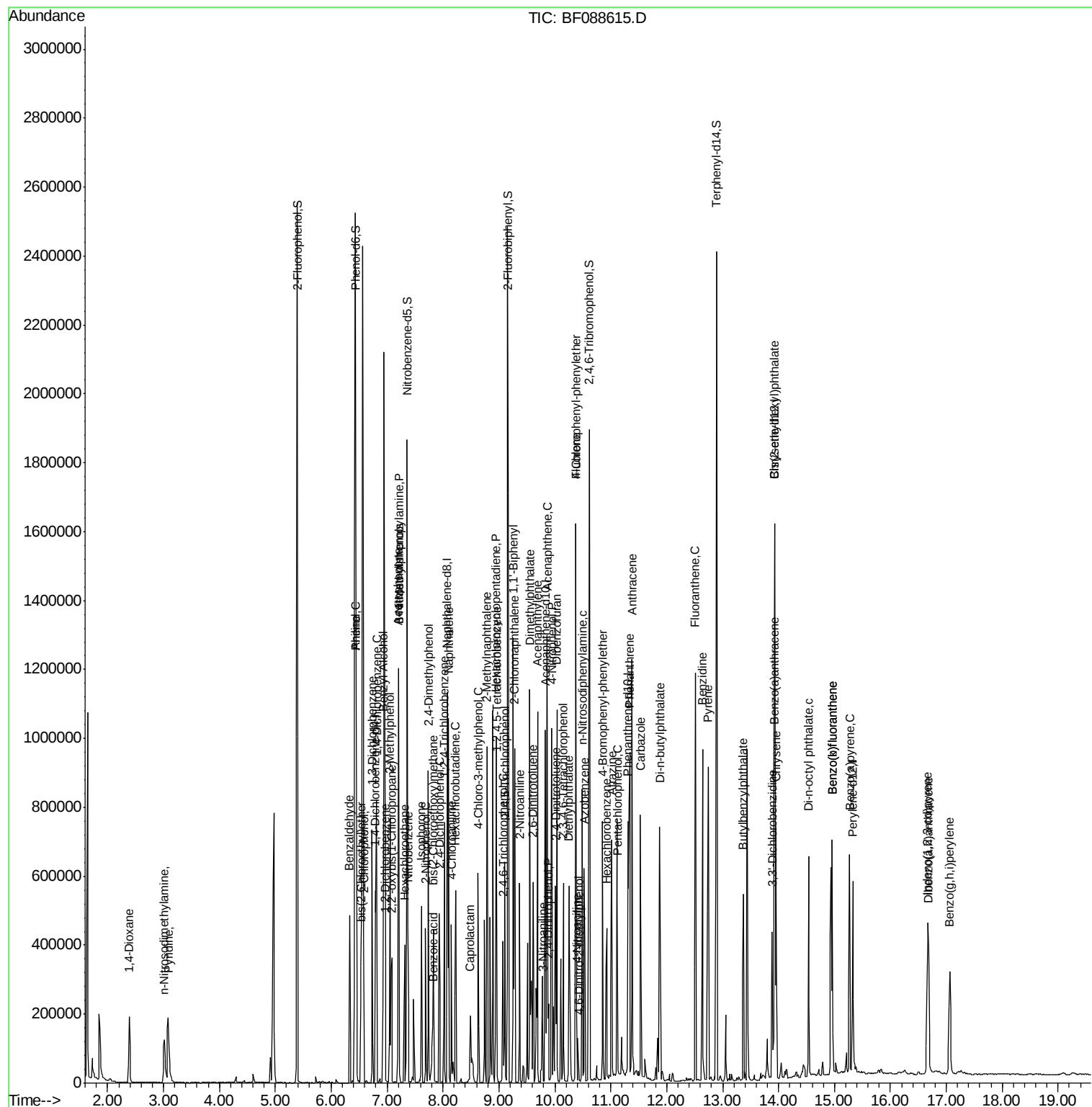
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	79318	18.81	ng	98
43) 2,4,5-Trichlorophenol	9.11	196	87229	24.05	ng #	95
45) 1,1'-Biphenyl	9.26	154	357925	22.48	ng	99
46) 2-Chloronaphthalene	9.28	162	265258	21.23	ng	98
47) 2-Nitroaniline	9.37	65	90740	20.46	ng	87
48) Acenaphthylene	9.69	152	418986	21.07	ng	99
49) Dimethylphthalate	9.55	163	420765	30.72	ng	100
50) 2,6-Dinitrotoluene	9.61	165	61170	20.15	ng #	46
51) Acenaphthene	9.86	154	265789	21.81	ng	98
52) 3-Nitroaniline	9.78	138	55823	14.47	ng #	76
53) 2,4-Dinitrophenol	9.88	184	35062	26.16	ng #	77
54) Dibenzofuran	10.03	168	372361	23.34	ng	92
55) 4-Nitrophenol	9.94	139	161782	55.17	ng	95
56) 2,4-Dinitrotoluene	10.01	165	81233	20.47	ng #	55
57) Fluorene	10.38	166	281717	22.91	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	58220	20.75	ng #	50
59) Diethylphthalate	10.25	149	294237	21.41	ng	96
60) 4-Chlorophenyl-phenylether	10.38	204	115354	20.19	ng #	83
61) 4-Nitroaniline	10.39	138	54287	14.62	ng	91
62) Azobenzene	10.52	77	305599	19.49	ng	91
64) 4,6-Dinitro-2-methylphenol	10.42	198	17466	9.58	ng #	59
65) n-Nitrosodiphenylamine	10.49	169	245774	21.31	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	73154	21.30	ng #	84
67) Hexachlorobenzene	10.92	284	76702	20.18	ng #	76
68) Atrazine	11.02	200	75933	21.13	ng	94
69) Pentachlorophenol	11.12	266	101952	45.32	ng	98
70) Phenanthrene	11.34	178	495674	26.61	ng	98
71) Anthracene	11.38	178	416609	22.49	ng	98
72) Carbazole	11.53	167	317035	18.19	ng	99
73) Di-n-butylphthalate	11.87	149	430133	21.21	ng	99
74) Fluoranthene	12.51	202	457421	24.22	ng	98
76) Benzidine	12.64	184	340876	33.78	ng	99
77) Pyrene	12.74	202	417506	24.67	ng	98
79) Butylbenzylphthalate	13.37	149	149852	19.85	ng	97
80) Benzo(a)anthracene	13.92	228	287688	22.38	ng	99
81) 3,3'-Dichlorobenzidine	13.89	252	76254	15.78	ng #	95
82) Chrysene	13.95	228	248358	19.53	ng	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	194725	22.59	ng	98
84) Di-n-octyl phthalate	14.54	149	316374	21.61	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	274124	28.02	ng #	100
87) Benzo(b)fluoranthene	14.96	252	546751	38.20	ng #	97
88) Benzo(k)fluoranthene	14.96	252	546751	43.88	ng	97
89) Benzo(a)pyrene	15.27	252	265735	21.93	ng	98
90) Dibenzo(a,h)anthracene	16.69	278	225451	22.28	ng	96
91) Benzo(g,h,i)perylene	17.06	276	217054	20.73	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

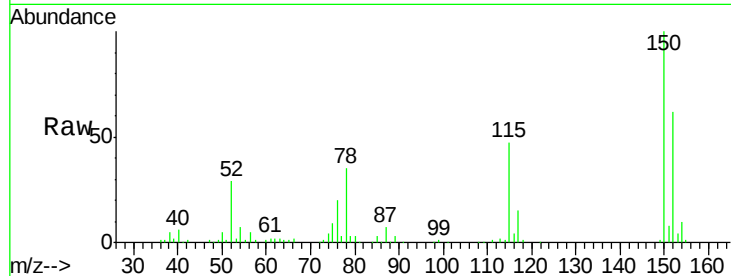
Tgt Ion:152 Resp: 110289

Ion Ratio Lower Upper

152 100

150 162.3 123.8 185.6

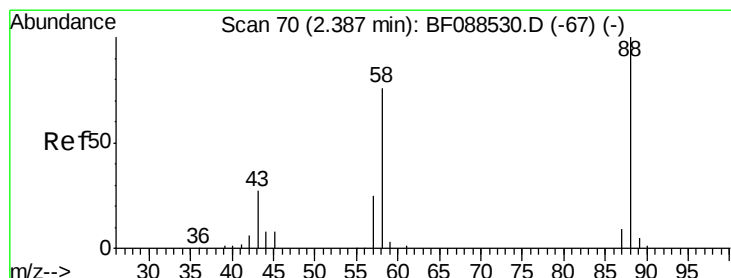
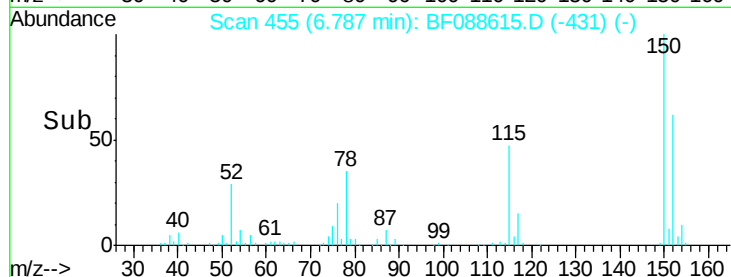
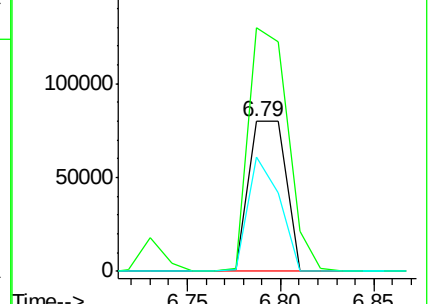
115 76.3 39.6 59.4#



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: 26.01 ng

RT: 2.39 min Scan# 70

Delta R.T. -0.00 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

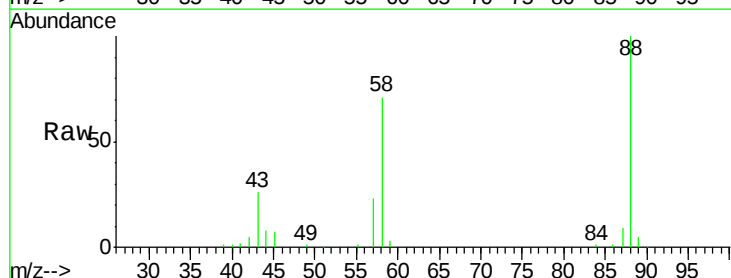
Tgt Ion: 88 Resp: 94906

Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

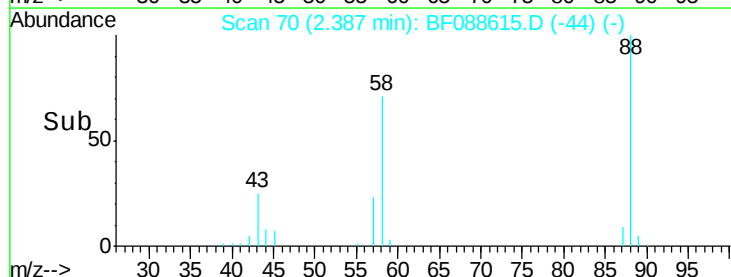
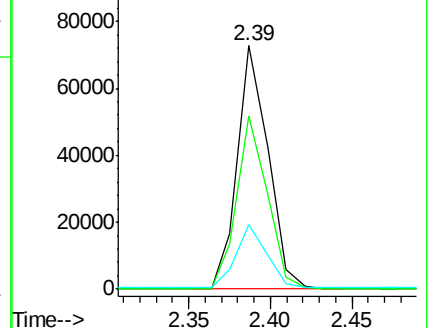
43 25.9 3.4 5.2#

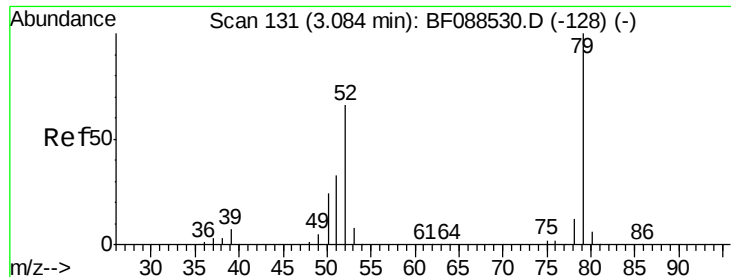


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.65 ng

RT: 3.08 min Scan# 131

Delta R.T. -0.00 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

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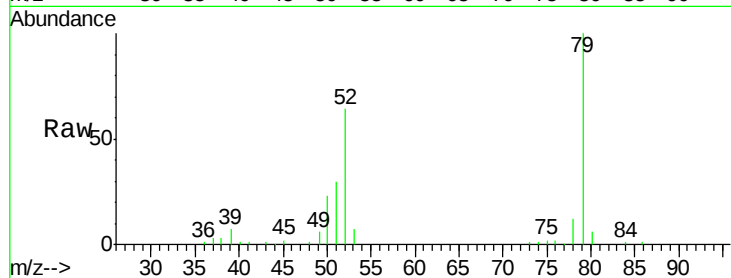
Tgt Ion: 79 Resp: 144499

Ion Ratio Lower Upper

79 100

52 64.0 56.3 84.5

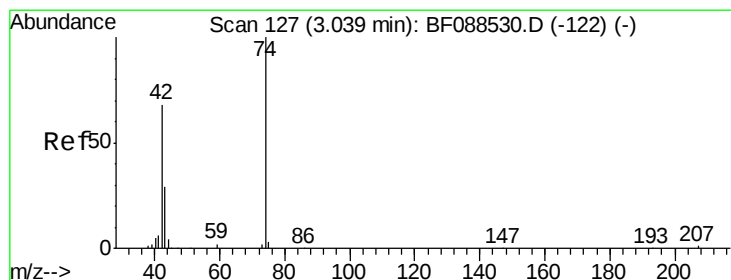
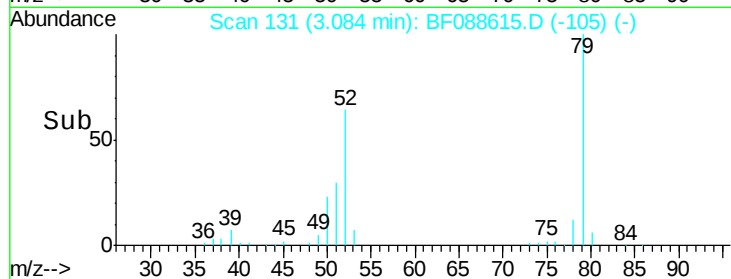
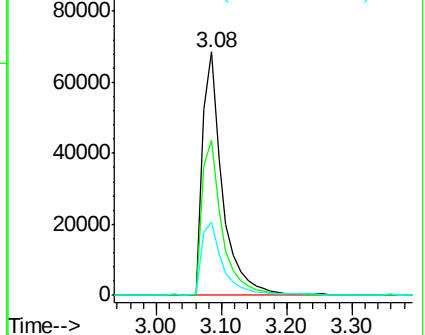
51 30.4 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 15.98 ng

RT: 3.02 min Scan# 125

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

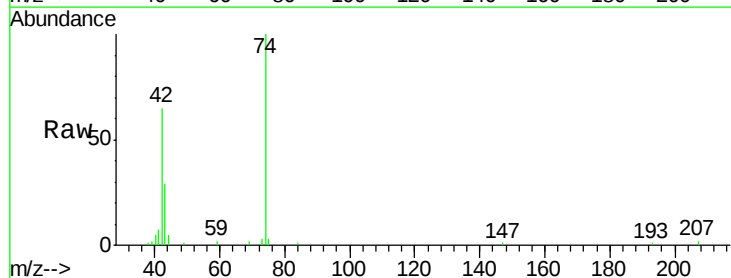
Tgt Ion: 42 Resp: 64650

Ion Ratio Lower Upper

42 100

74 153.4 108.6 163.0

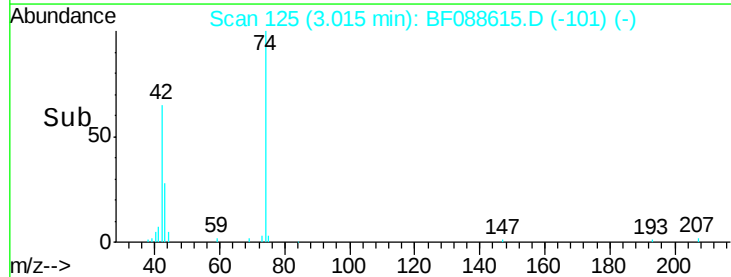
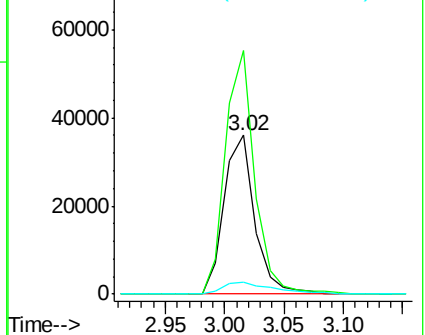
44 7.8 5.5 8.3

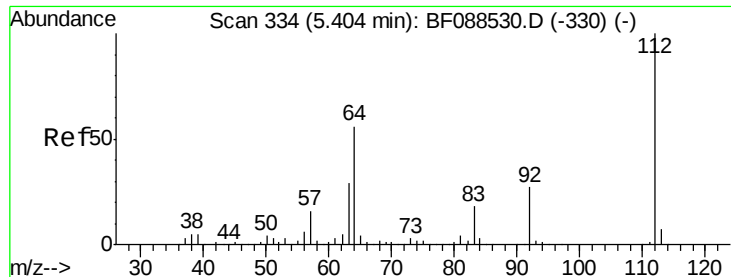


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.32 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

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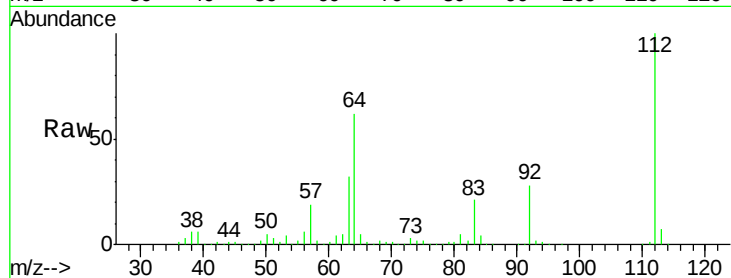
Tgt Ion: 112 Resp: 730882

Ion Ratio Lower Upper

112 100

64 62.2 42.2 63.2

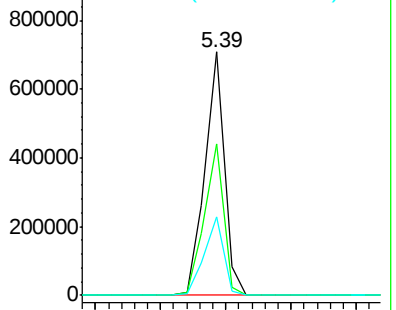
63 32.3 21.8 32.8



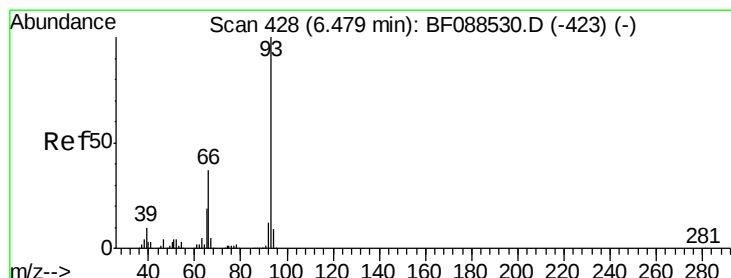
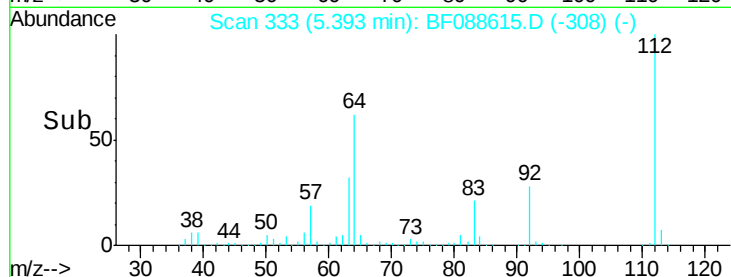
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 12.11 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

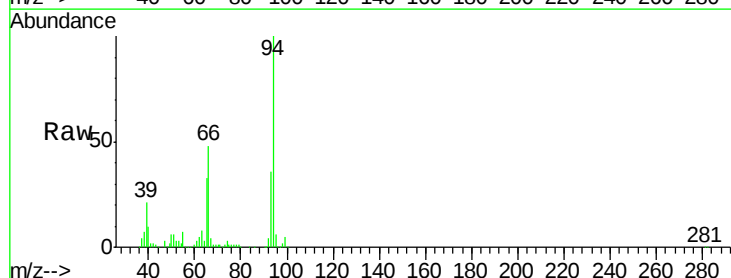
Tgt Ion: 93 Resp: 167755

Ion Ratio Lower Upper

93 100

66 133.5 29.8 44.8#

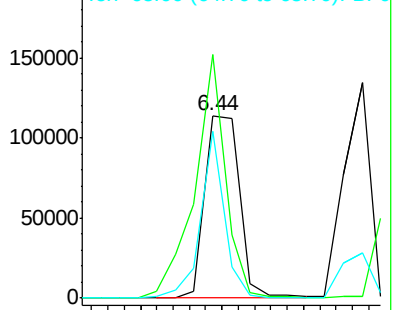
65 91.2 14.9 22.3#



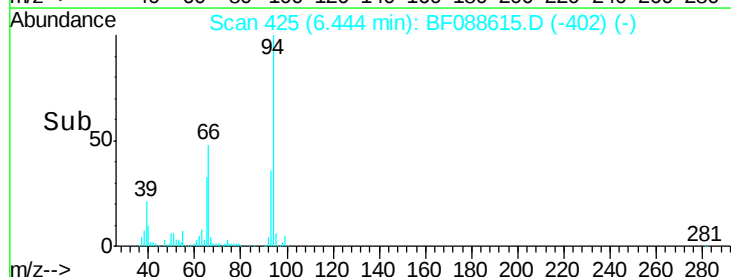
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 108.94 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

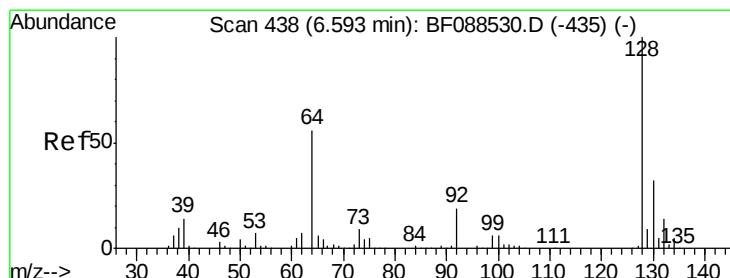
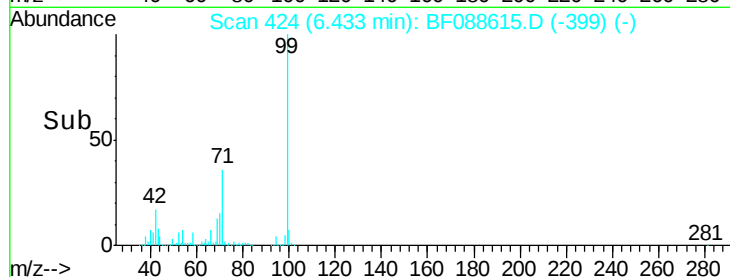
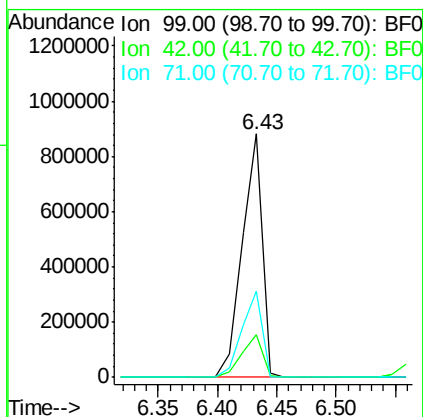
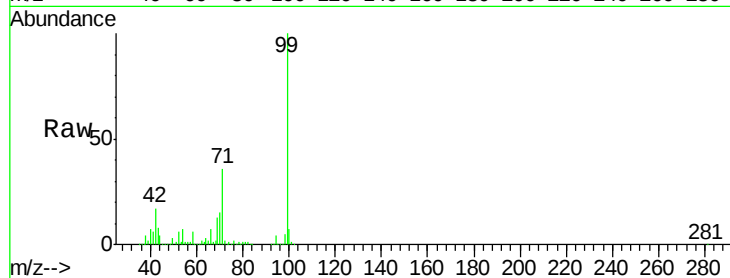
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Tgt Ion: 99 Resp: 1035860

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.2	18.2
71	35.5	23.4	35.0#



#8

2-Chlorophenol

Concen: 17.45 ng

RT: 6.58 min Scan# 437

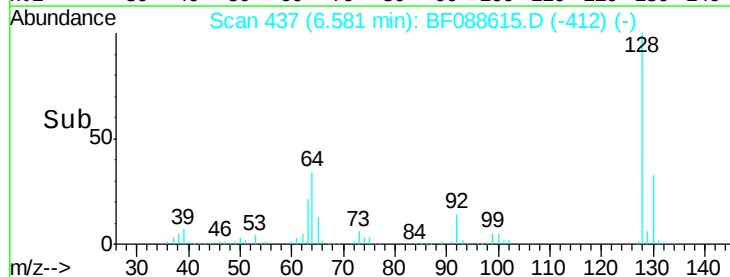
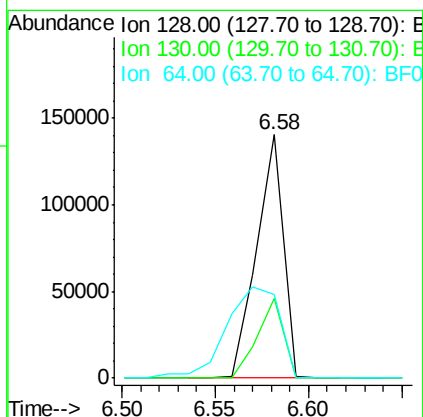
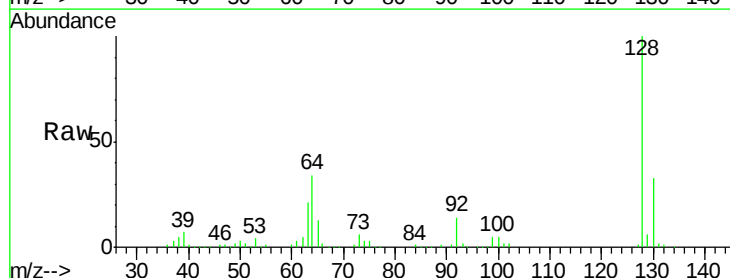
Delta R.T. -0.01 min

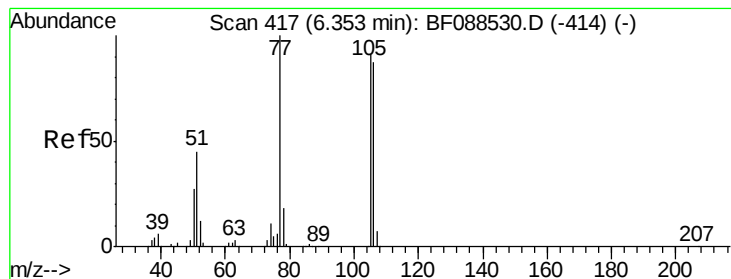
Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion: 128 Resp: 137984

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.0	52.0
64	34.4	30.8	70.8





#9

Benzaldehyde

Concen: 14.61 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

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Instrument :

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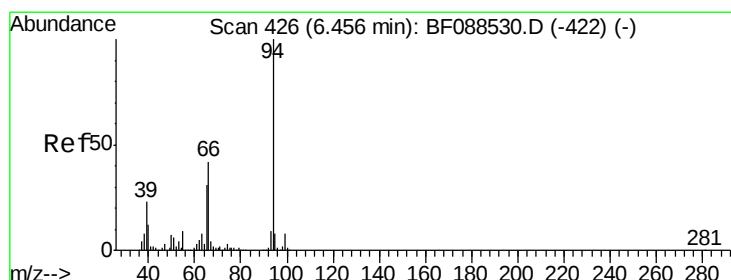
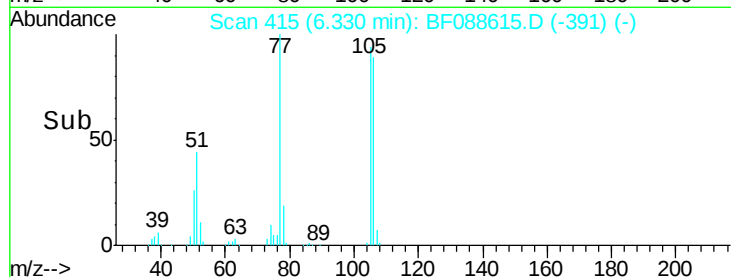
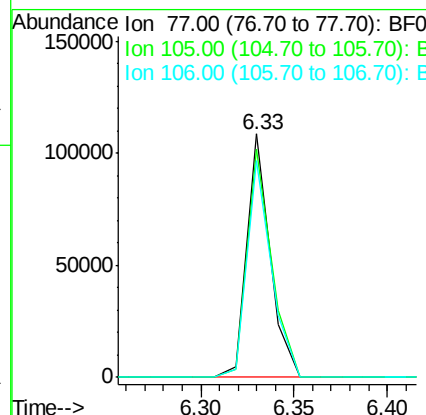
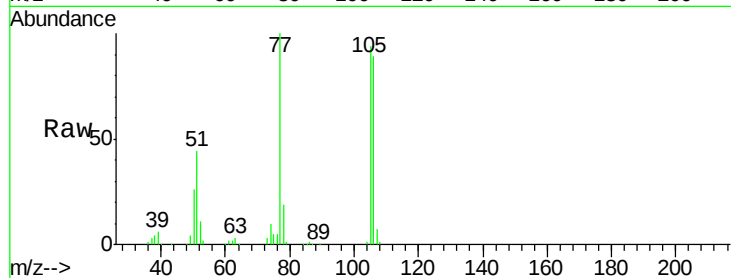
Tgt Ion: 77 Resp: 94078

Ion Ratio Lower Upper

77 100

105 94.0 90.6 130.6

106 89.2 85.3 125.3



#10

Phenol

Concen: 23.03 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF088615.D

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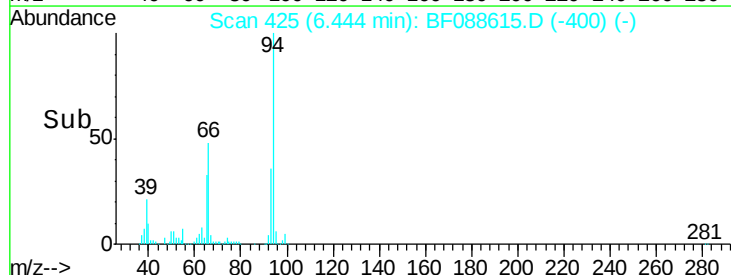
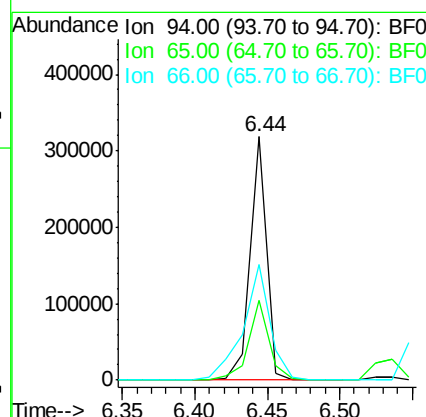
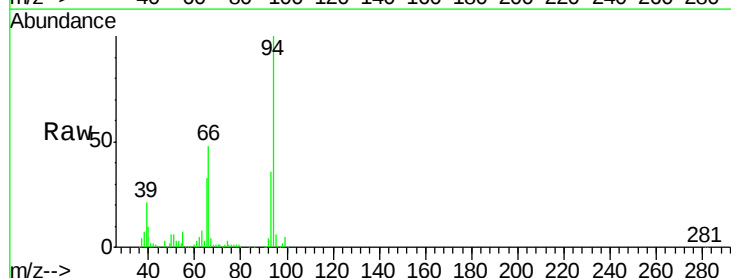
Tgt Ion: 94 Resp: 249941

Ion Ratio Lower Upper

94 100

65 32.6 5.9 45.9

66 47.7 14.0 54.0

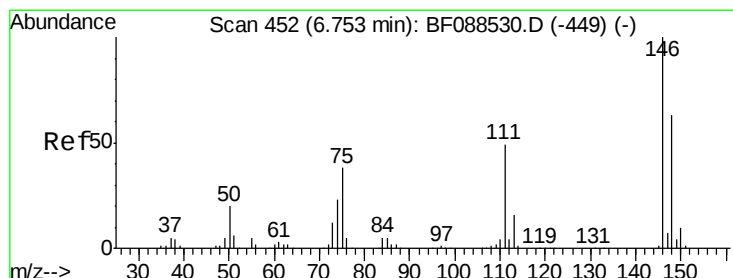
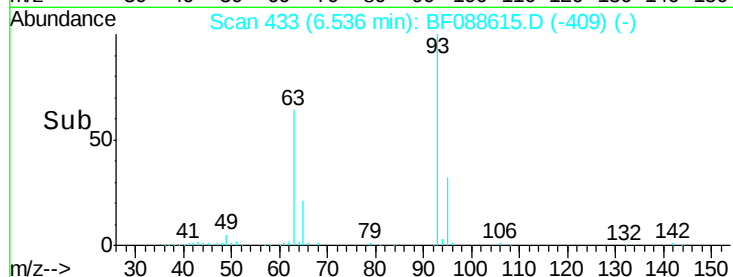
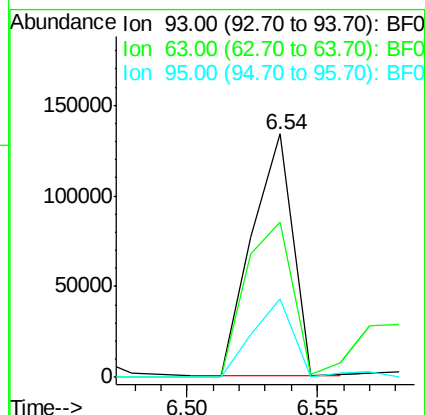
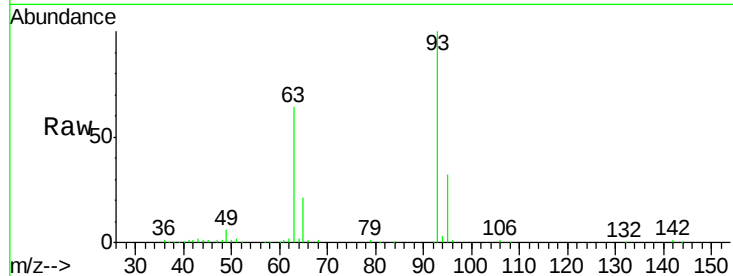




#11
bis(2-Chloroethyl)ether
Concen: 17.73 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

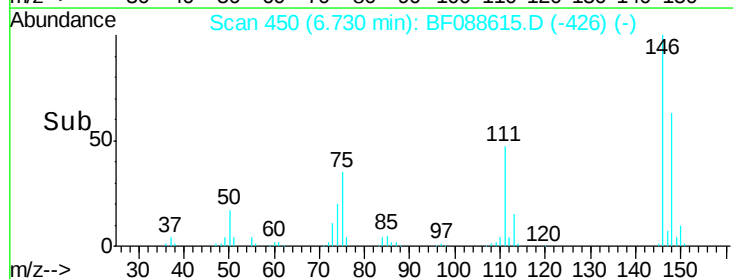
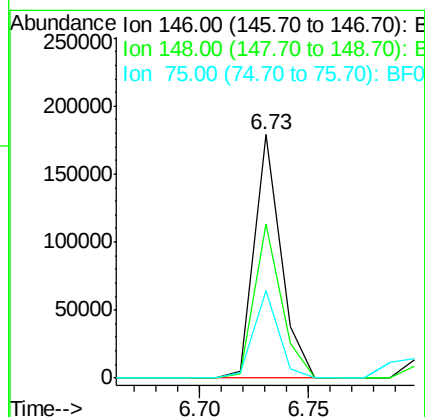
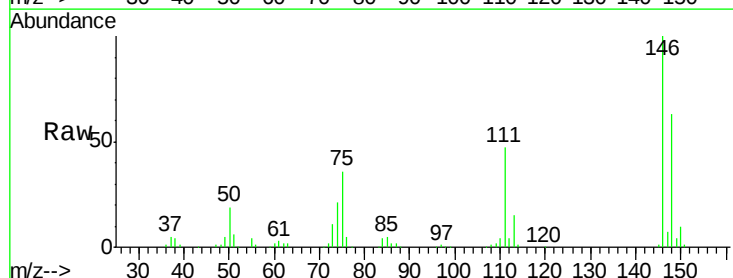
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

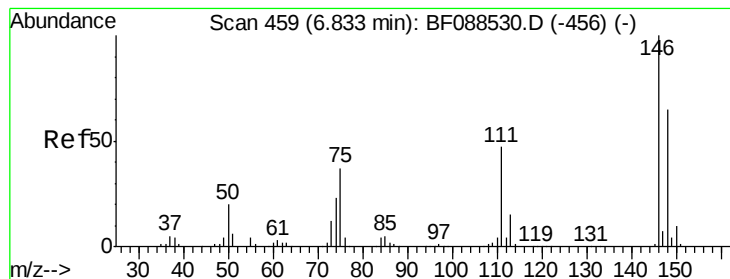
Tgt Ion: 93 Resp: 143491
Ion Ratio Lower Upper
93 100
63 63.9 67.6 107.6#
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 17.49 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion: 146 Resp: 152202
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
75 35.8 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 18.61 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

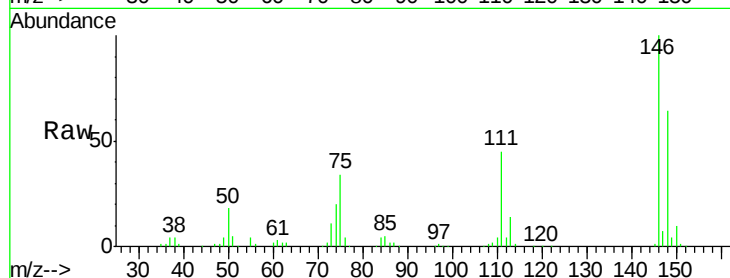
Tgt Ion:146 Resp: 160804

Ion Ratio Lower Upper

146 100

148 63.9 52.0 78.0

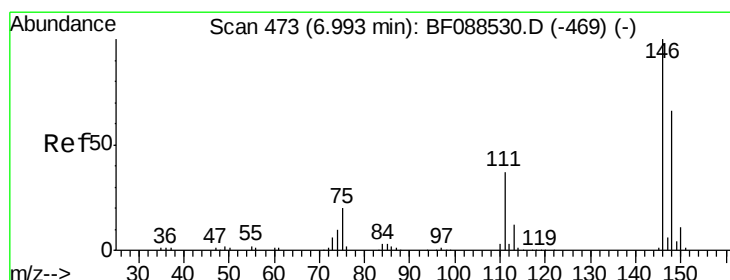
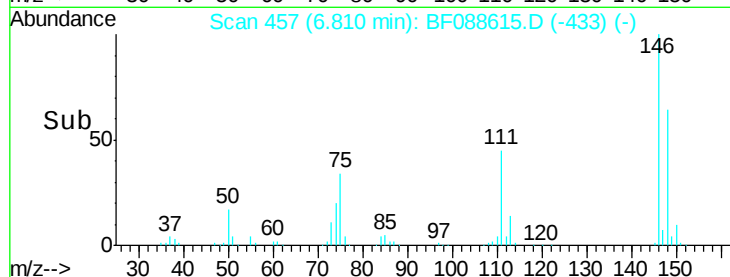
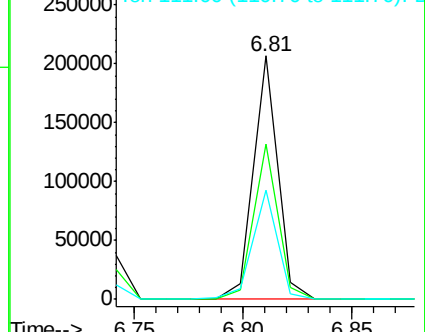
111 44.7 33.8 50.8



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: 16.83 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

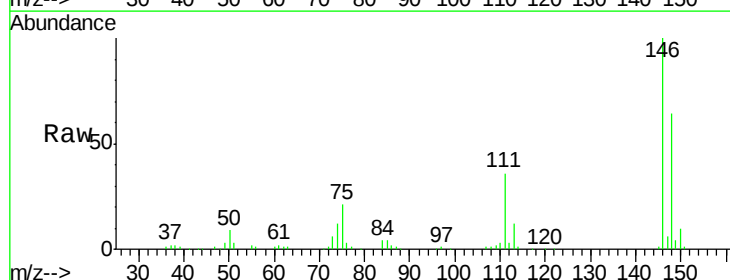
Tgt Ion:146 Resp: 136109

Ion Ratio Lower Upper

146 100

148 64.3 52.3 78.5

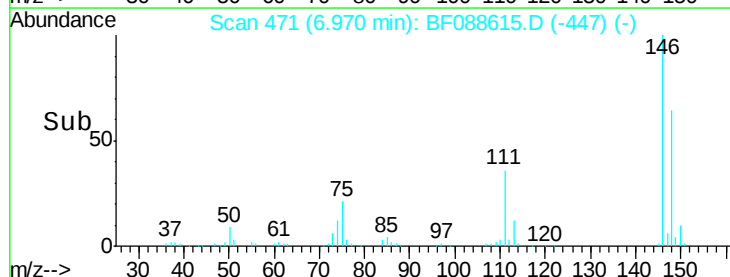
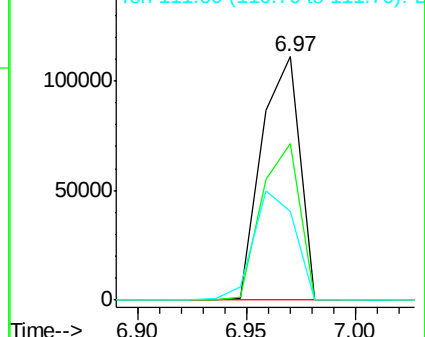
111 36.2 28.7 43.1



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: 22.14 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

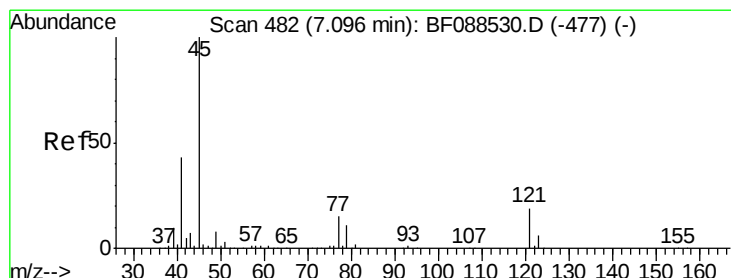
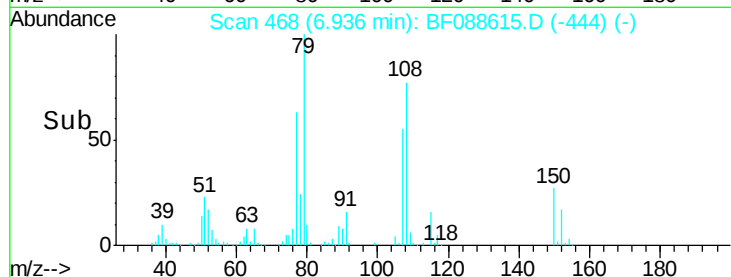
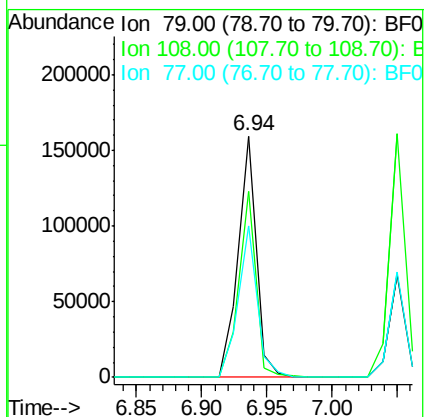
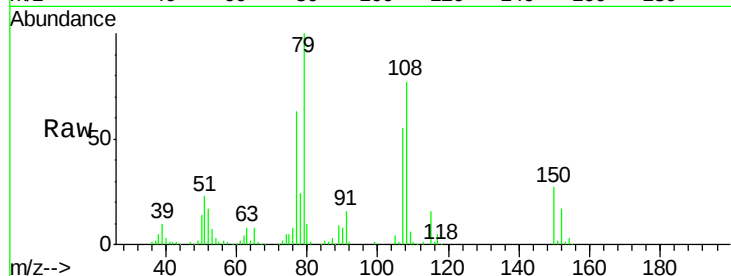
Tgt Ion: 79 Resp: 154971

Ion Ratio Lower Upper

79 100

108 76.8 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 16.94 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

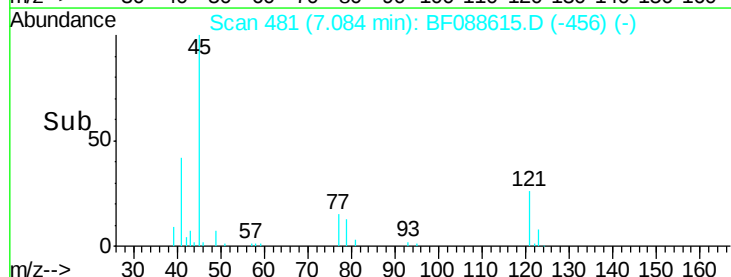
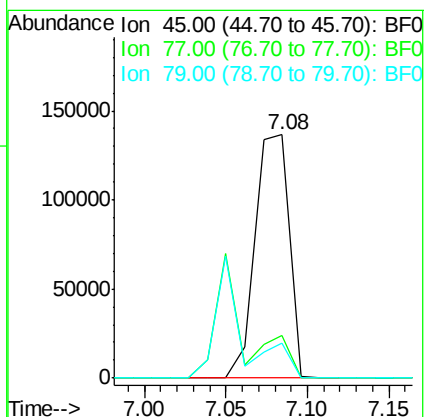
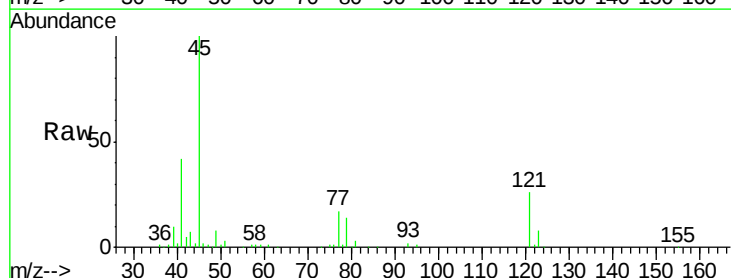
Tgt Ion: 45 Resp: 198586

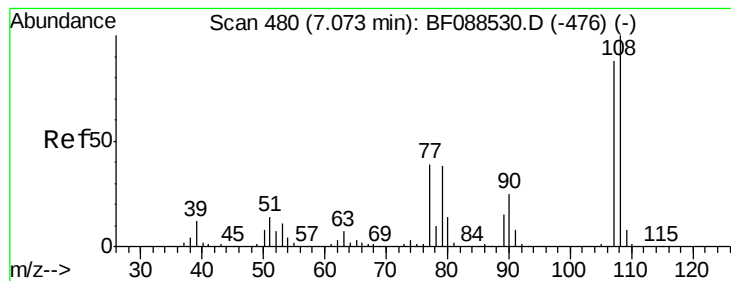
Ion Ratio Lower Upper

45 100

77 17.5 0.0 32.5

79 14.2 0.0 29.5





#17

2-Methylphenol

Concen: 19.16 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:107 Resp: 123624

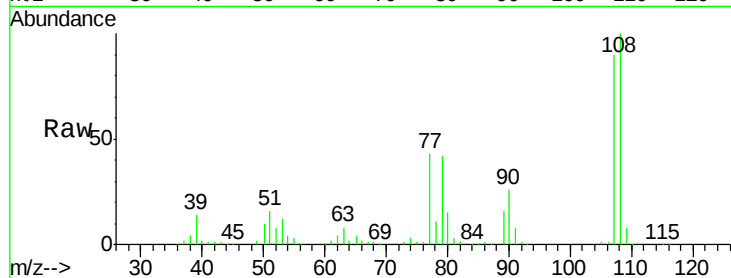
Ion Ratio Lower Upper

107 100

108 110.7 90.9 136.3

77 47.9 36.6 55.0

79 46.9 36.5 54.7

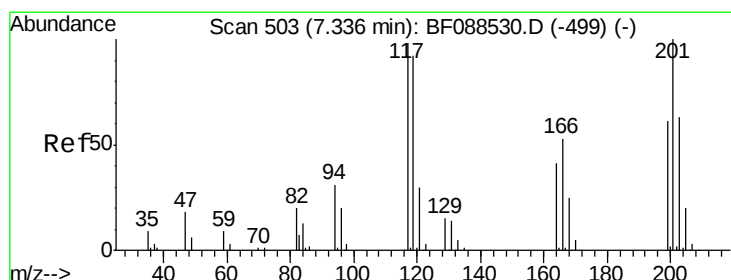
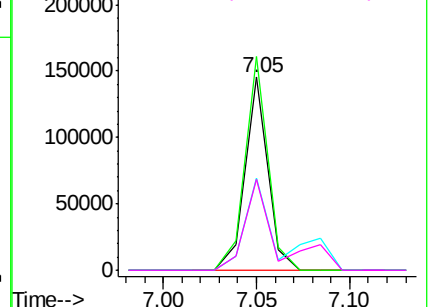
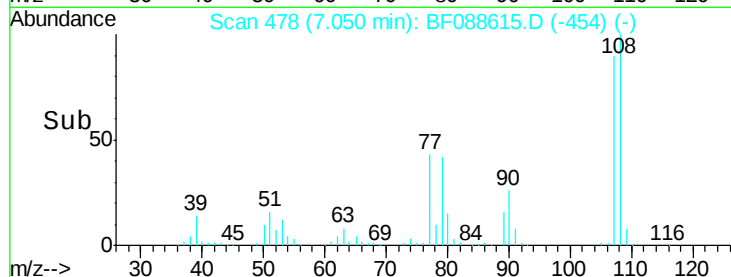


Abundance Ion 107.00 (106.70 to 107.70): E

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: 16.84 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

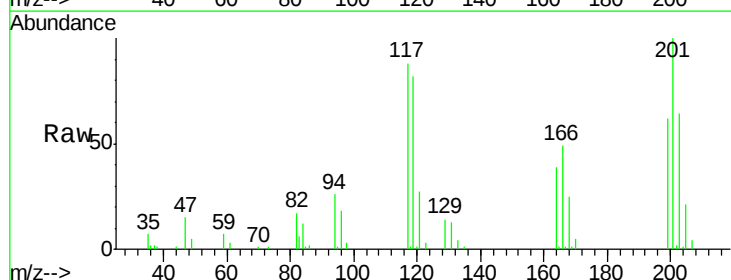
Tgt Ion:117 Resp: 56275

Ion Ratio Lower Upper

117 100

119 93.5 77.4 116.2

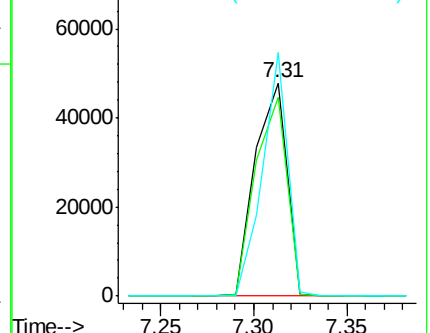
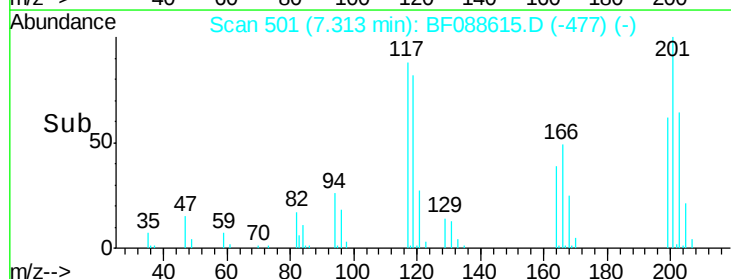
201 114.2 80.4 120.6

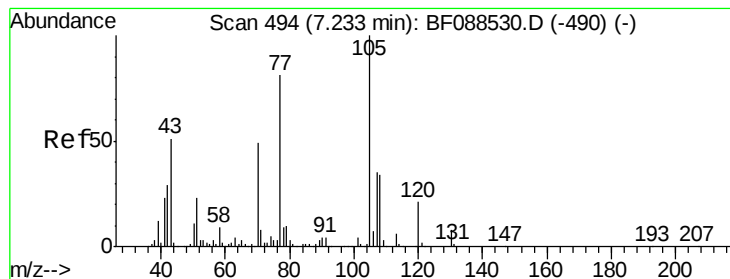


Abundance Ion 117.00 (116.70 to 117.70): E

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: 18.78 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion: 70 Resp: 119973

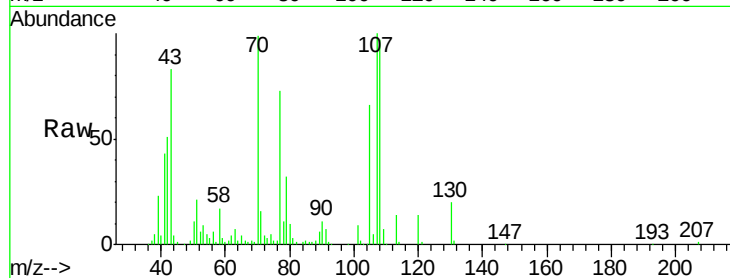
Ion Ratio Lower Upper

70 100

42 51.0 49.6 74.4

101 9.2 7.1 10.7

130 19.7 15.4 23.2

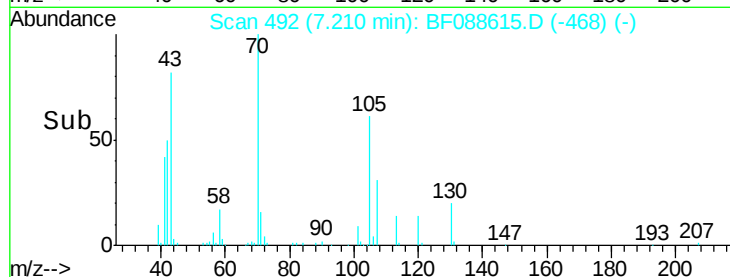
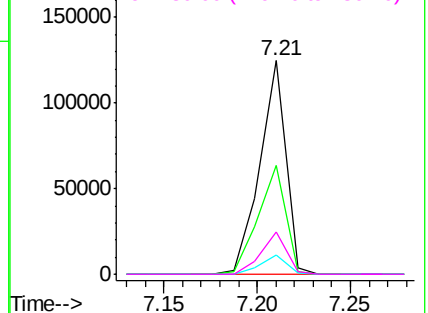


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 20.38 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion:107 Resp: 157811

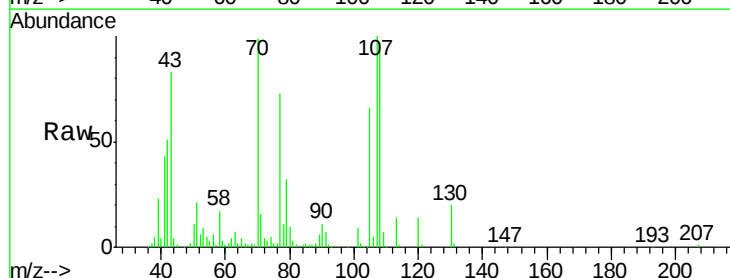
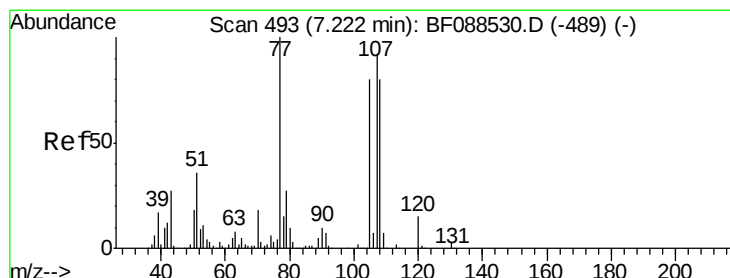
Ion Ratio Lower Upper

107 100

108 97.1 67.8 107.8

77 73.3 59.3 99.3

79 31.8 7.0 47.0

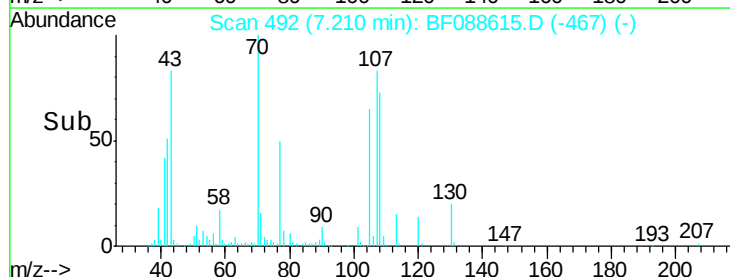
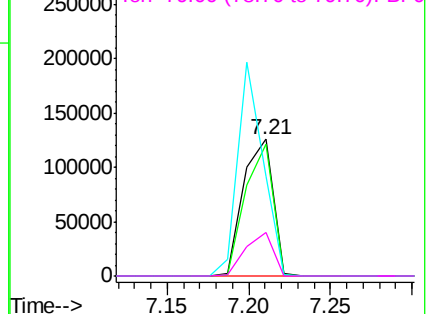


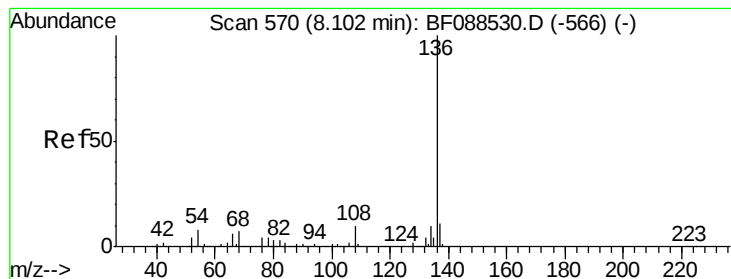
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:136 Resp: 461500

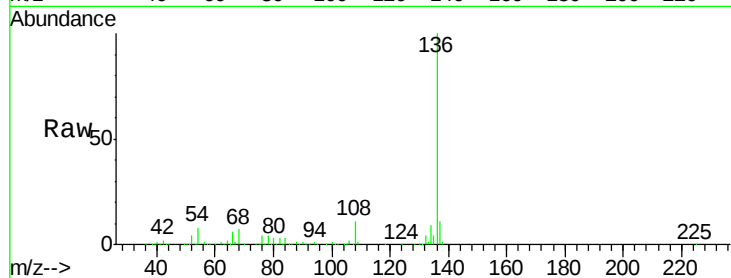
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.0 6.6 10.0

68 6.7 5.1 7.7

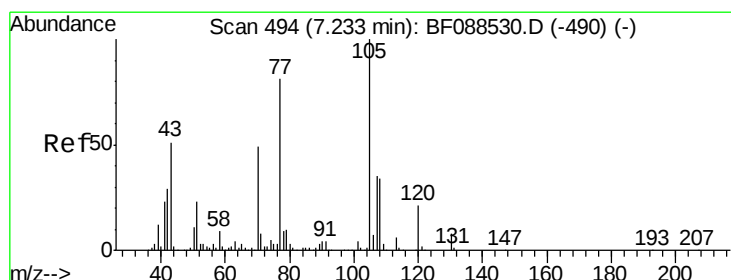
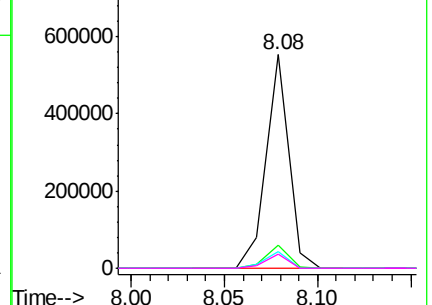
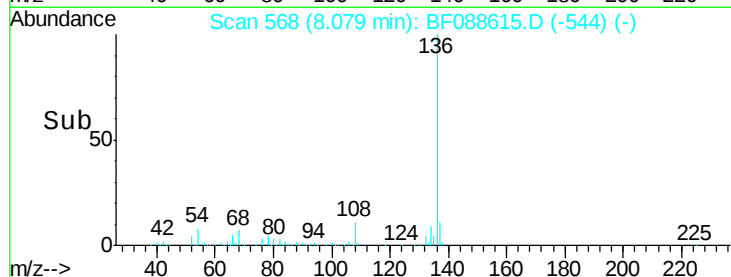


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.27 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Tgt Ion:105 Resp: 204665

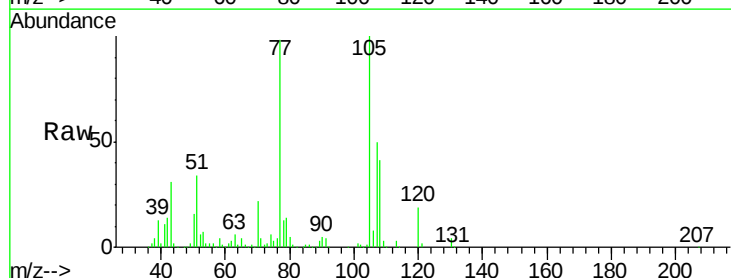
Ion Ratio Lower Upper

105 100

71 3.9 5.3 7.9#

51 34.2 18.2 27.4#

120 19.4 18.0 27.0

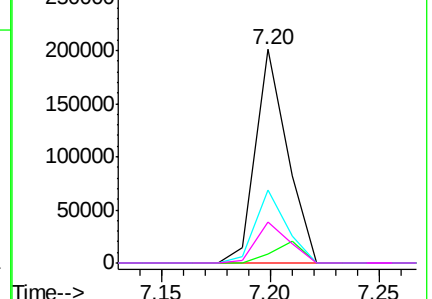
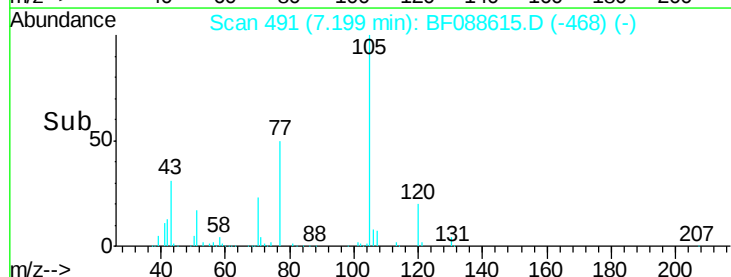


Abundance Ion 105.00 (104.70 to 105.70): E

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

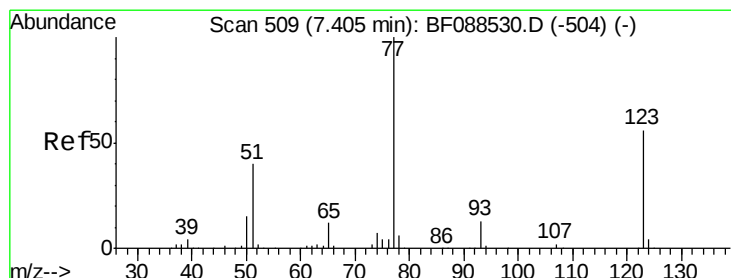
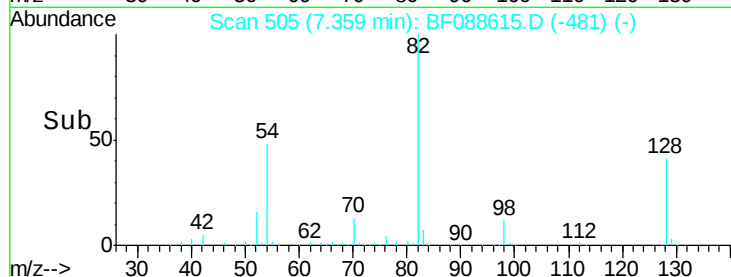
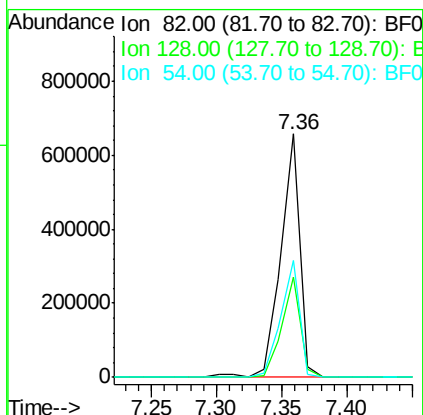
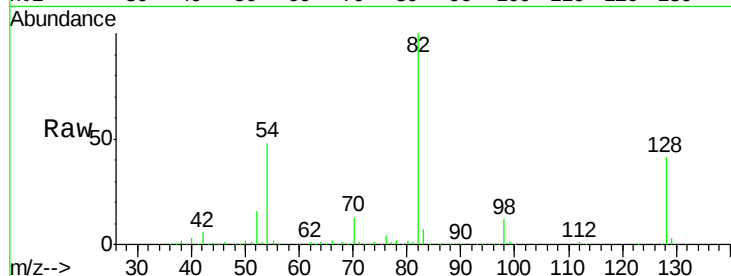




#23
 Nitrobenzene-d5
 Concen: 77.07 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

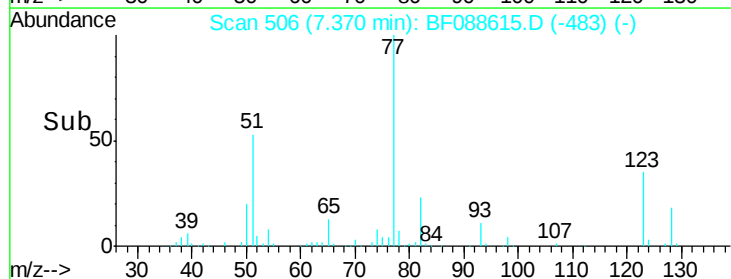
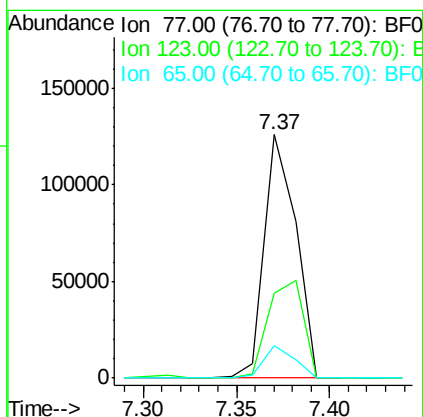
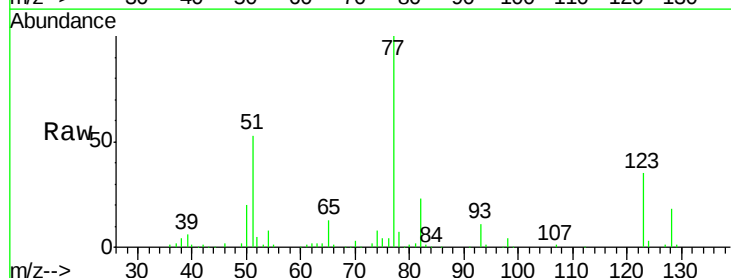
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

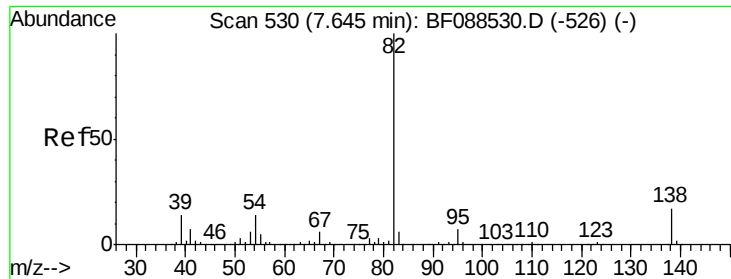
Tgt Ion: 82 Resp: 678674
 Ion Ratio Lower Upper
 82 100
 128 41.2 35.9 53.9
 54 48.1 40.9 61.3



#24
 Nitrobenzene
 Concen: 16.61 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion: 77 Resp: 147440
 Ion Ratio Lower Upper
 77 100
 123 35.1 45.0 67.4#
 65 13.4 10.2 15.2





#25

Isophorone

Concen: 17.71 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

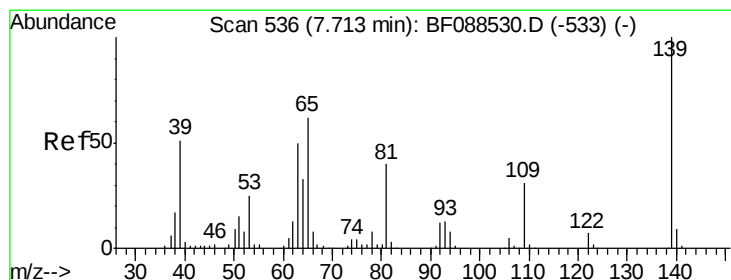
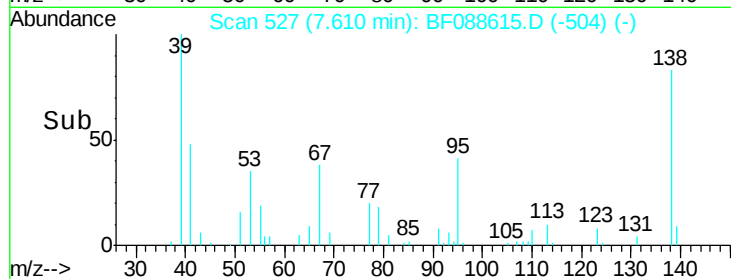
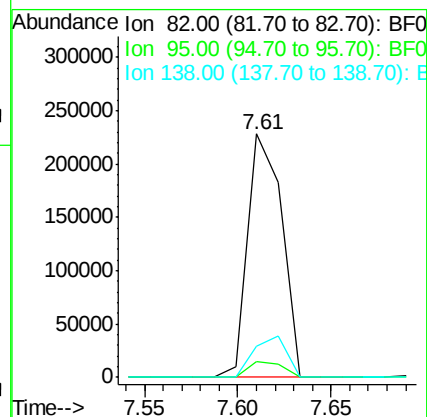
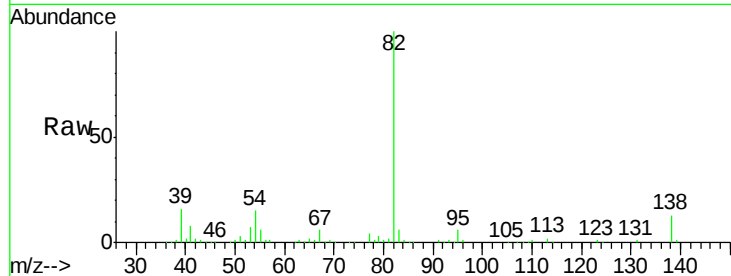
Tgt Ion: 82 Resp: 288946

Ion Ratio Lower Upper

82 100

95 6.4 5.4 8.2

138 13.0 14.6 21.8#



#26

2-Nitrophenol

Concen: 19.20 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

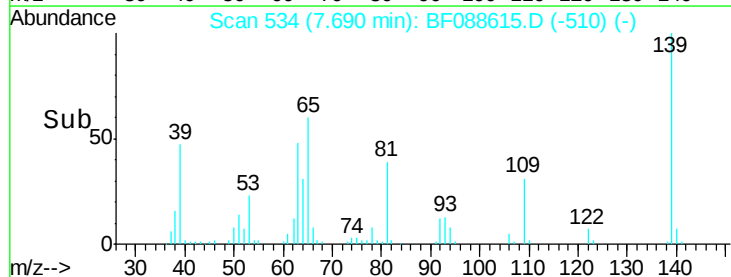
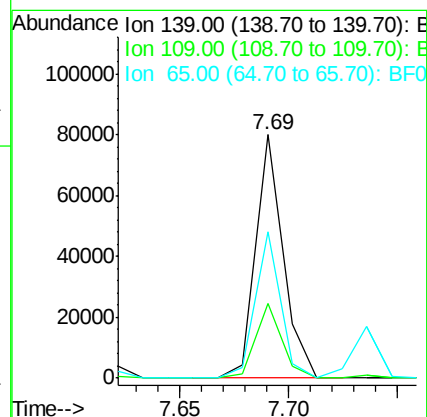
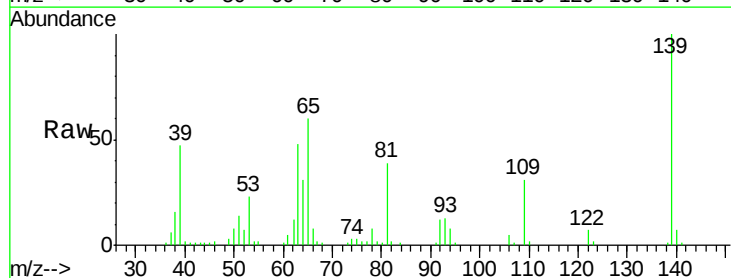
Tgt Ion: 139 Resp: 69914

Ion Ratio Lower Upper

139 100

109 30.6 23.0 34.4

65 60.2 45.8 68.8

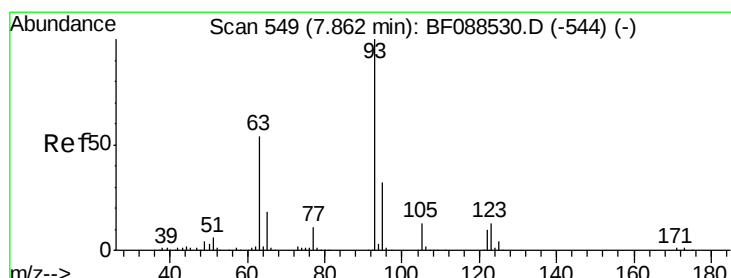
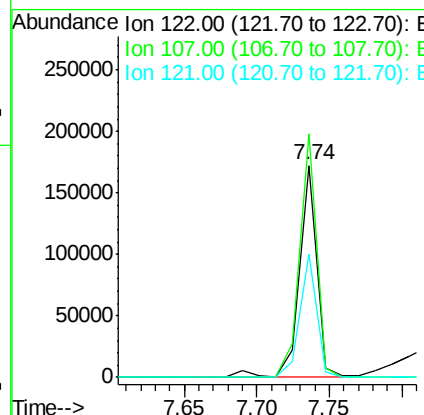
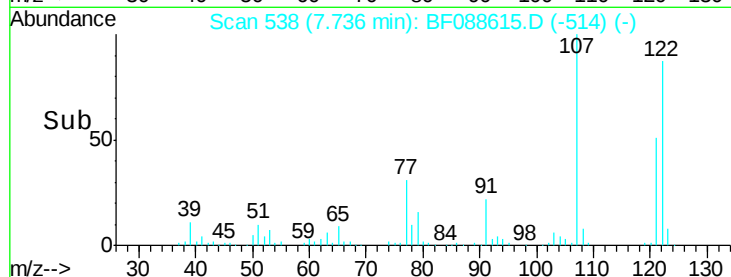
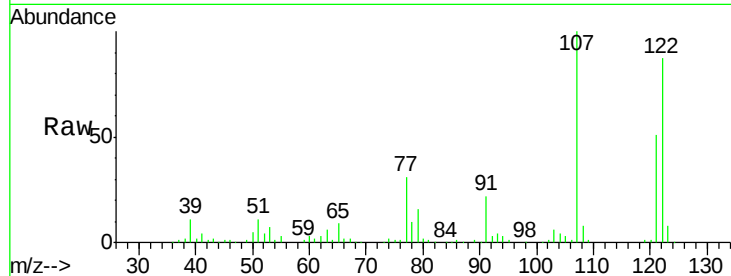




#27
2,4-Dimethylphenol
Concen: 19.06 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

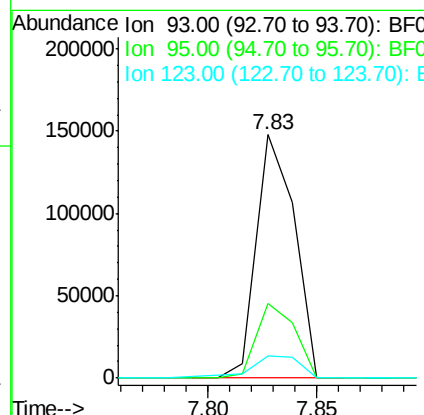
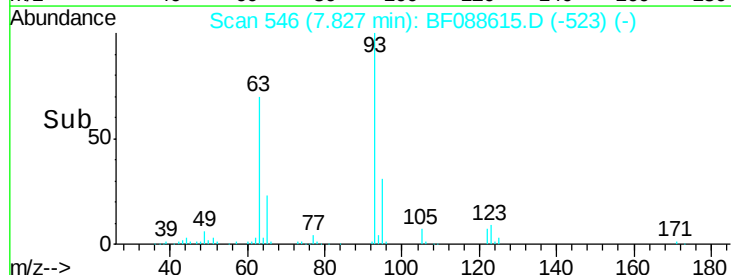
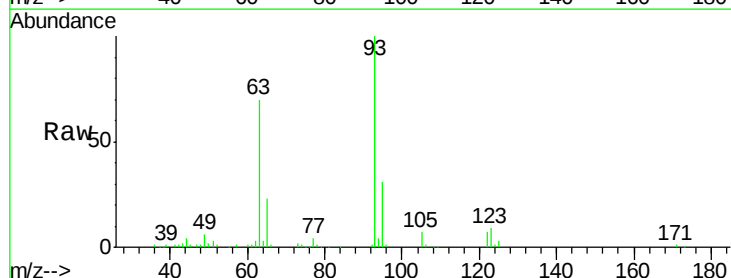
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion: 122 Resp: 144507
Ion Ratio Lower Upper
122 100
107 114.7 82.4 123.6
121 58.3 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 17.03 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.03 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion: 93 Resp: 180832
Ion Ratio Lower Upper
93 100
95 30.6 26.5 39.7
123 9.2 11.6 17.4#

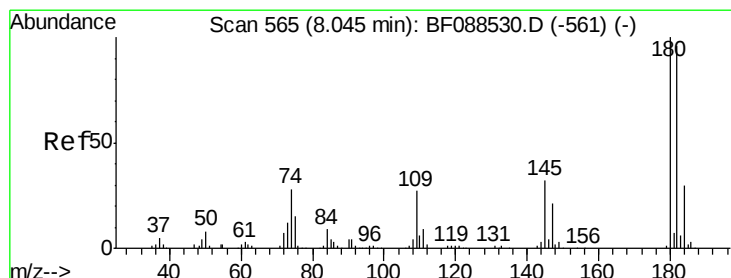
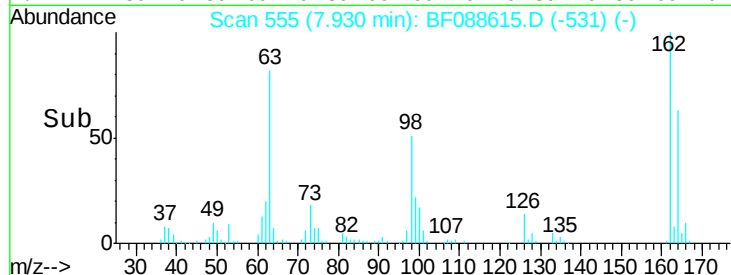
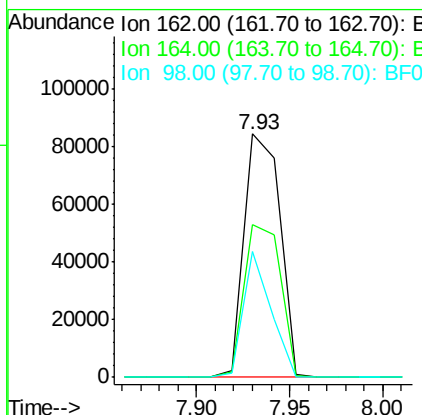
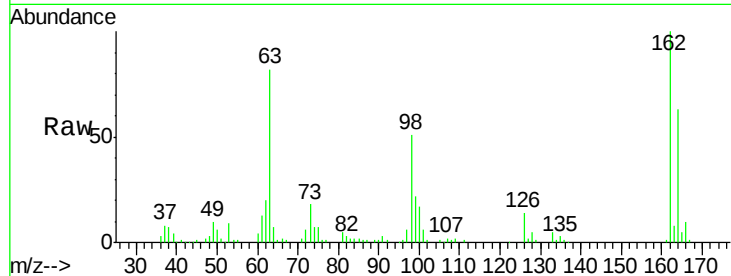




#29
 2,4-Dichlorophenol
 Concen: 18.37 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

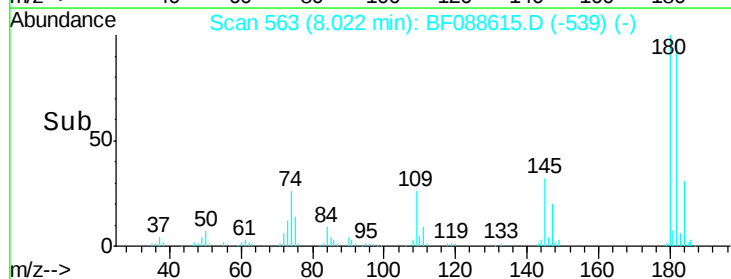
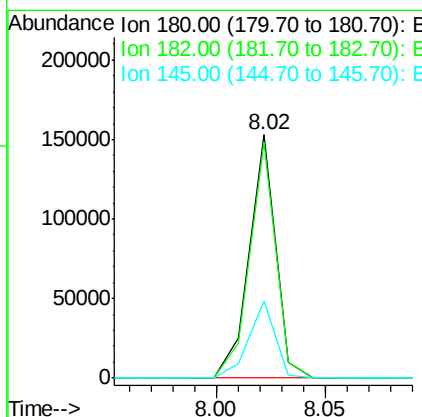
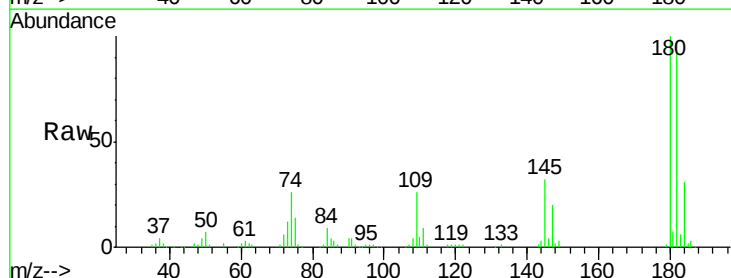
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion:162 Resp: 112565
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.8 83.8
 98 51.5 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 19.17 ng
 RT: 8.02 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:180 Resp: 128952
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.0 114.0
 145 32.0 26.5 39.7

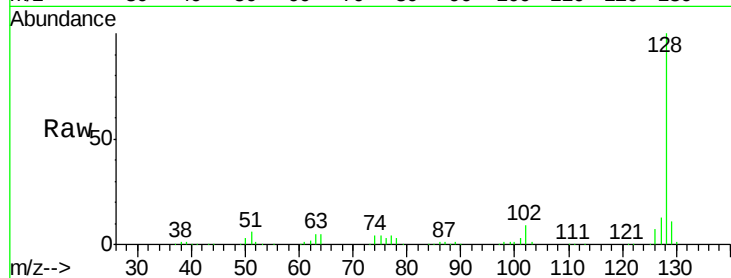




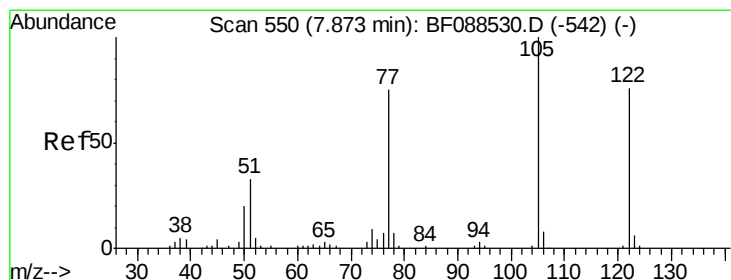
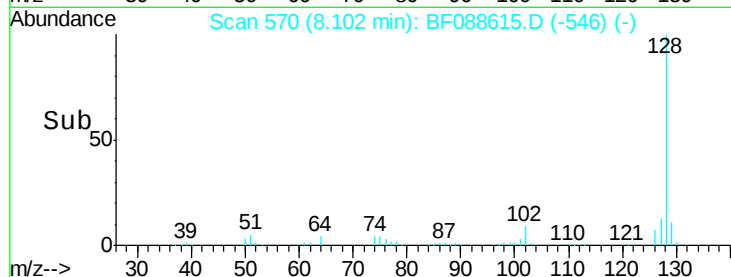
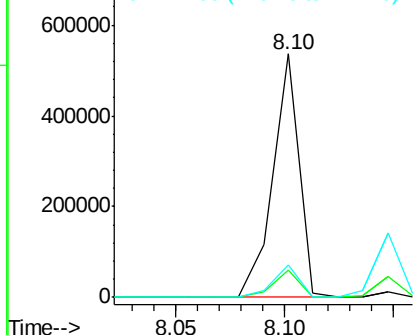
#31
Naphthalene
Concen: 19.98 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:128 Resp: 454584
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.2 10.9 16.3

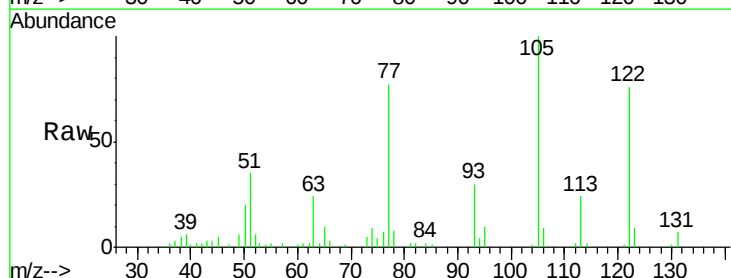


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

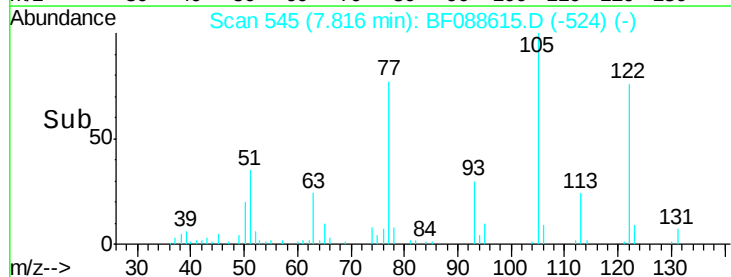
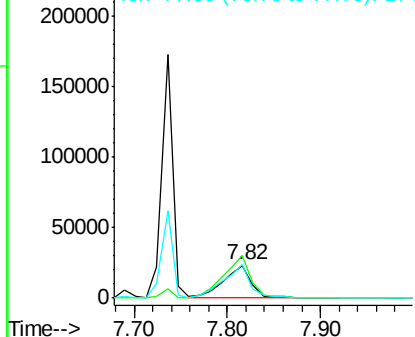


#32
Benzoic acid
Concen: 9.10 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.06 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:122 Resp: 50102
Ion Ratio Lower Upper
122 100
105 130.7 101.6 141.6
77 101.2 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

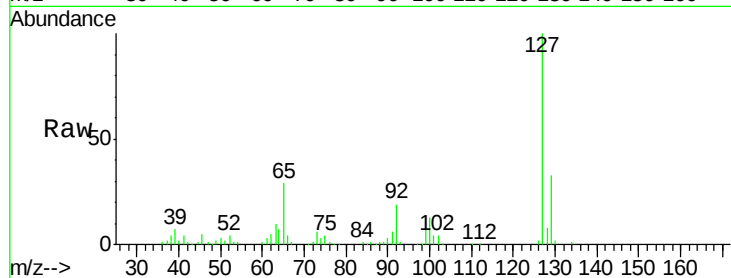




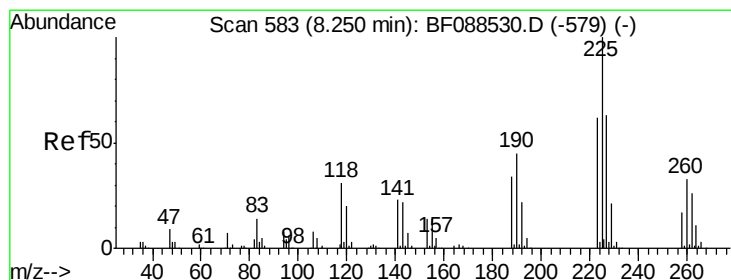
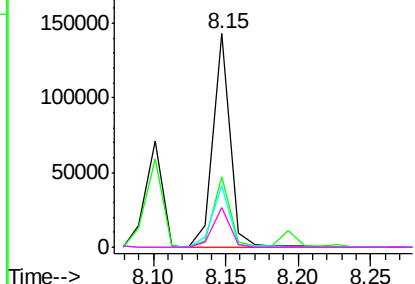
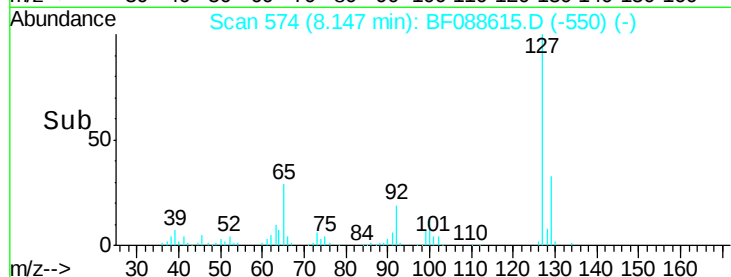
#33
4-Chloroaniline
Concen: 11.56 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:	127	Resp:	117003
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	28.8	24.7	37.1
92	18.8	15.4	23.0

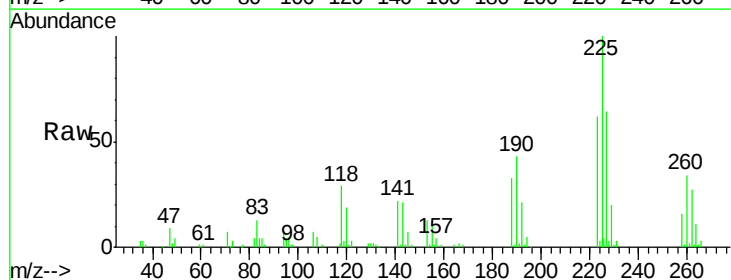


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

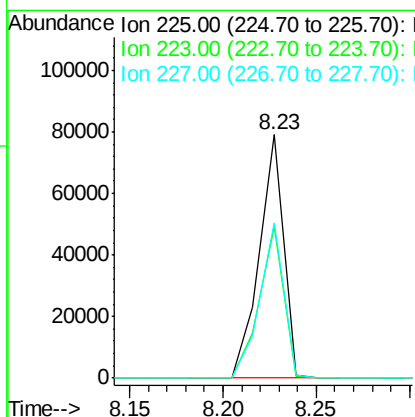
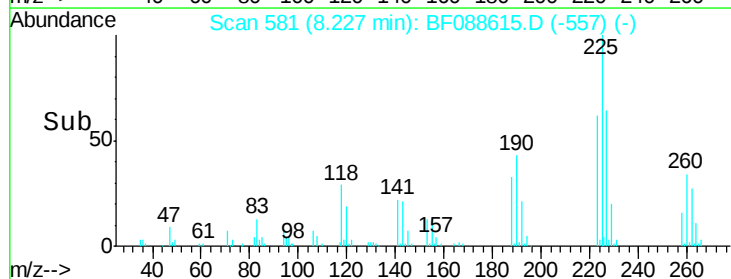


#34
Hexachlorobutadiene
Concen: 19.71 ng
RT: 8.23 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:	225	Resp:	70989
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.9	76.3
227	64.0	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

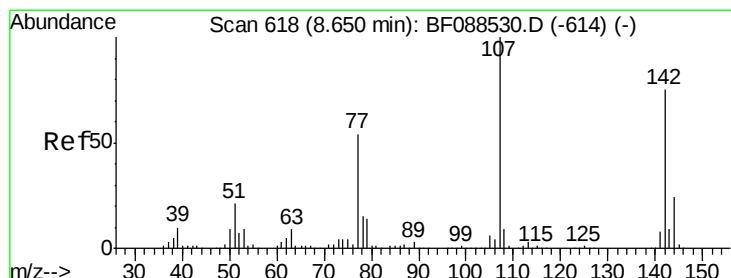
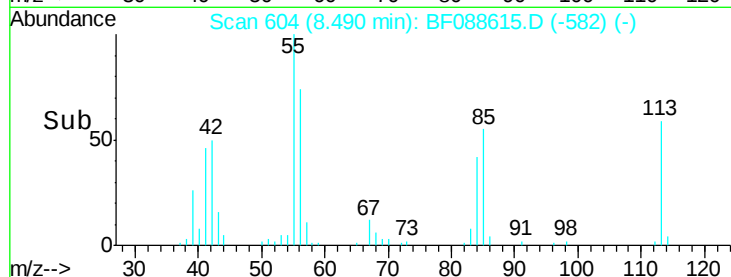
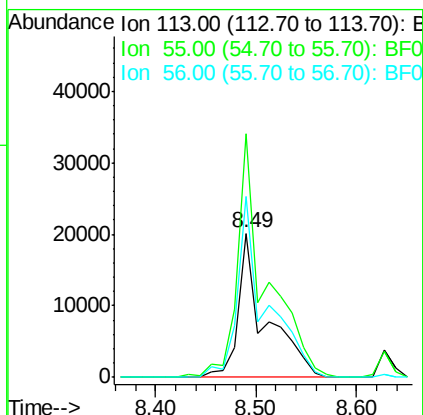
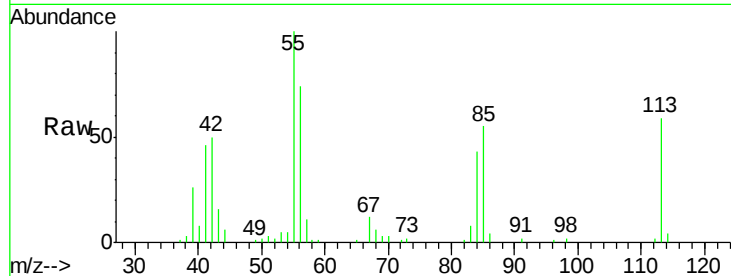




#35
 Caprolactam
 Concen: 18.30 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

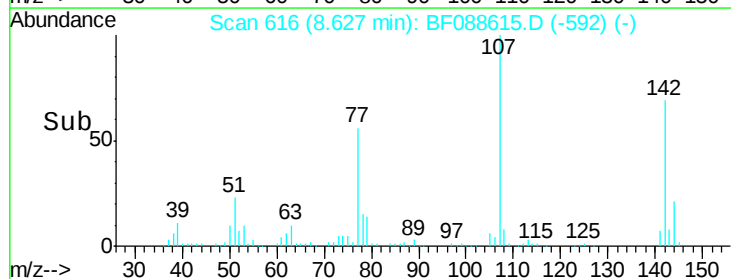
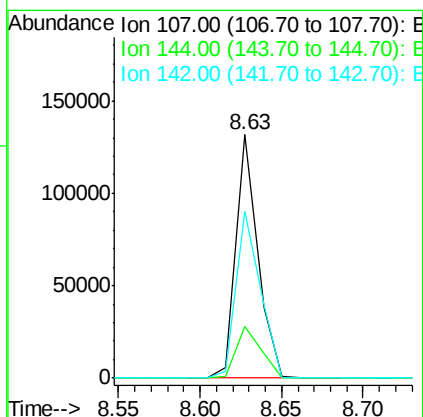
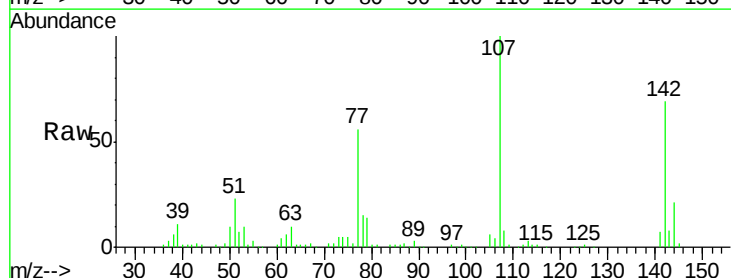
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

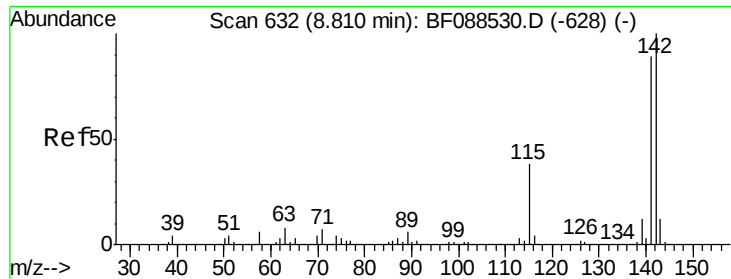
Tgt Ion:113 Resp: 38102
 Ion Ratio Lower Upper
 113 100
 55 168.9 158.6 198.6
 56 125.5 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 16.73 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:107 Resp: 121221
 Ion Ratio Lower Upper
 107 100
 144 21.5 20.8 31.2
 142 68.5 63.4 95.2

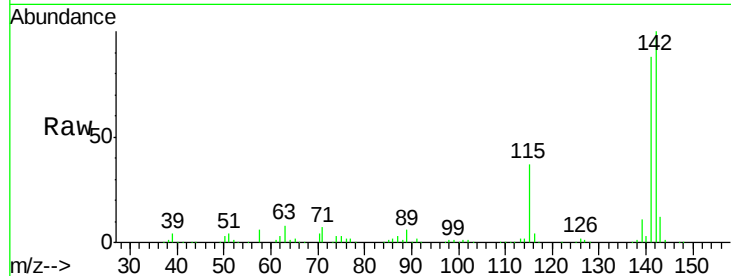




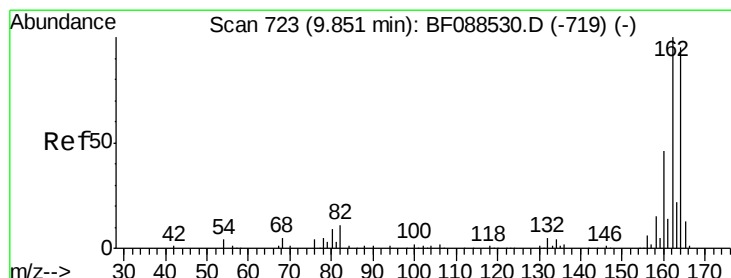
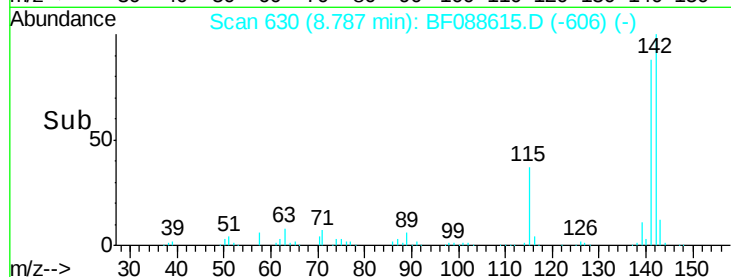
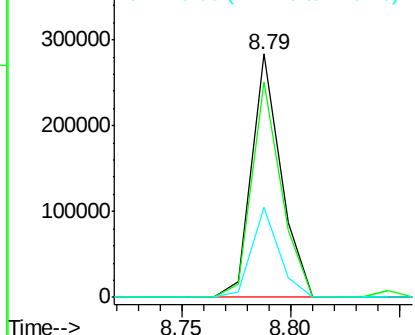
#37
 2-Methylnaphthalene
 Concen: 18.17 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

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

Tgt Ion:142 Resp: 266214
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.6
 115 37.2 22.6 33.8#

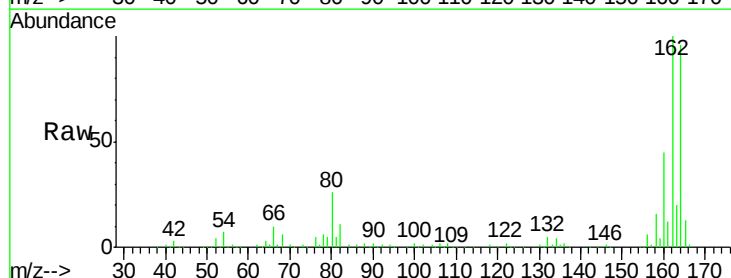


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

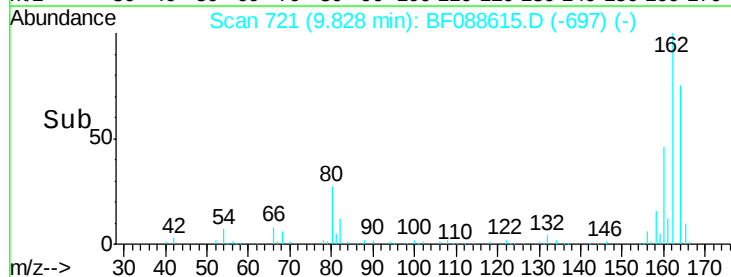
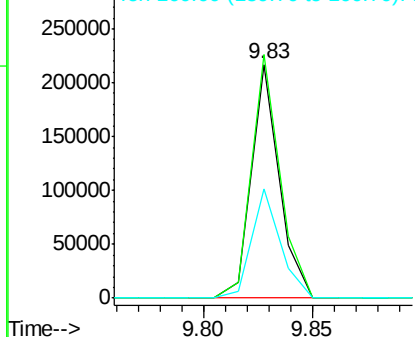


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 721
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:164 Resp: 192240
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.4 128.2
 160 46.8 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.05 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

Tgt Ion:216 Resp: 121807

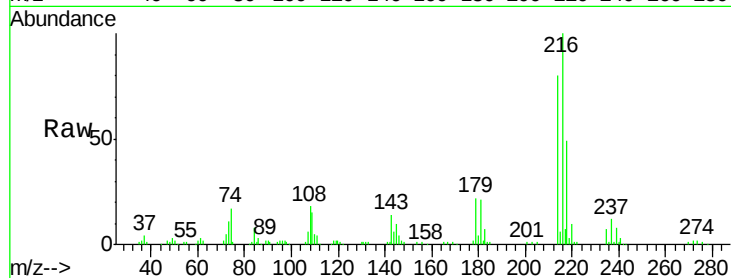
Ion Ratio Lower Upper

216 100

214 80.2 2.9 4.3#

179 22.7 0.0 0.0#

108 23.6 0.5 0.7#

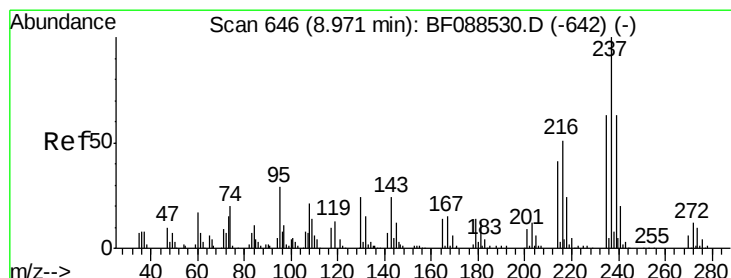
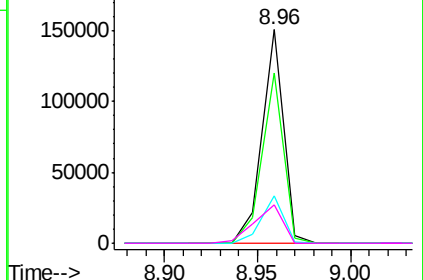
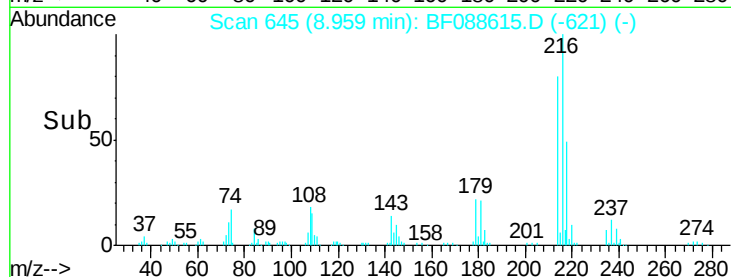


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.13 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

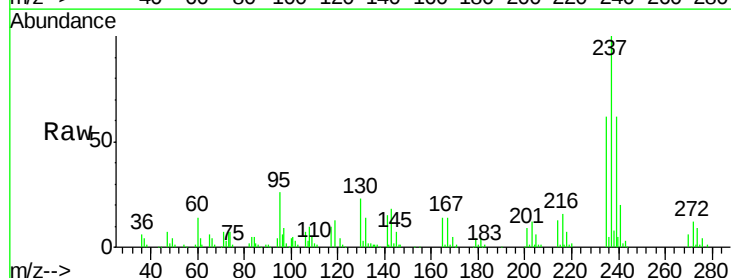
Tgt Ion:237 Resp: 116521

Ion Ratio Lower Upper

237 100

235 62.4 43.4 83.4

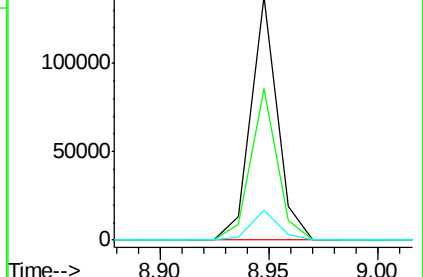
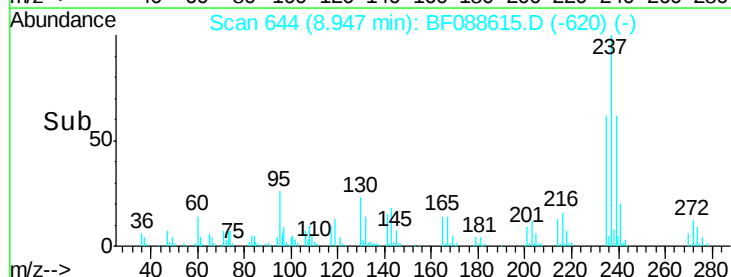
272 12.2 0.0 32.3



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

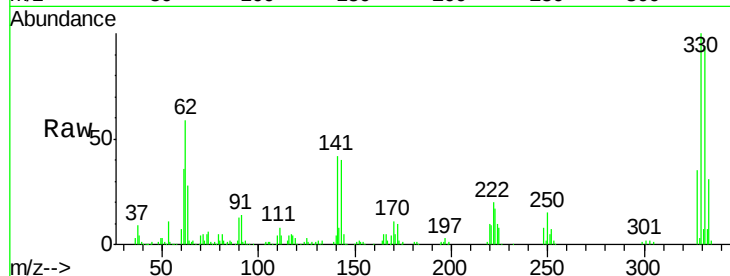




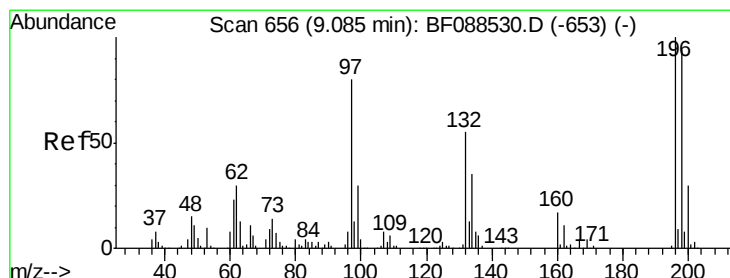
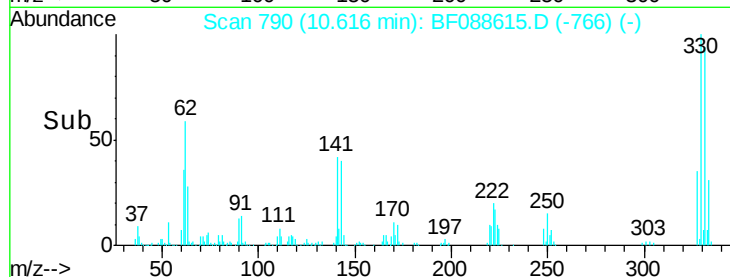
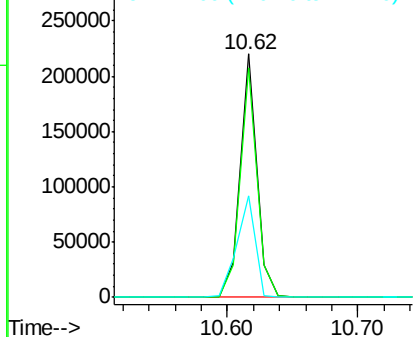
#41
 2,4,6-Tribromophenol
 Concen: 108.70 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

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

Tgt Ion:330 Resp: 194046
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 45.7 0.0 0.0#

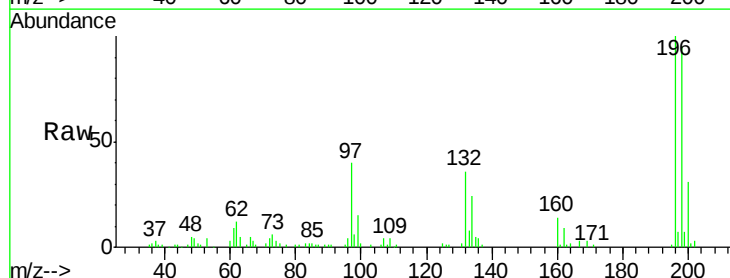


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

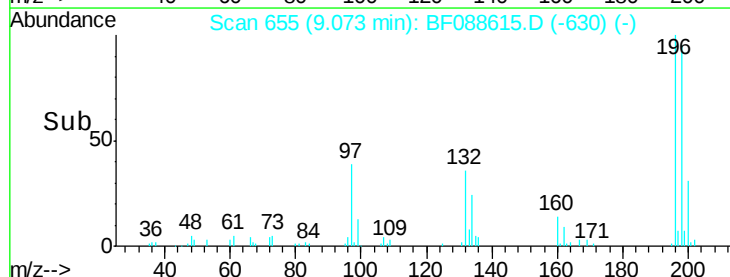
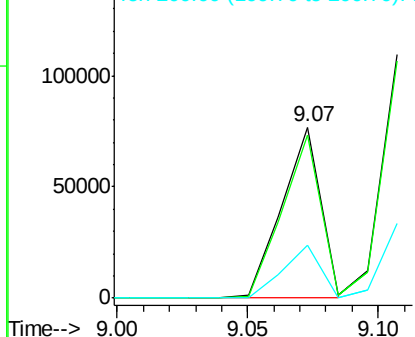


#42
 2,4,6-Trichlorophenol
 Concen: 18.81 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:196 Resp: 79318
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.0 117.0
 200 30.7 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

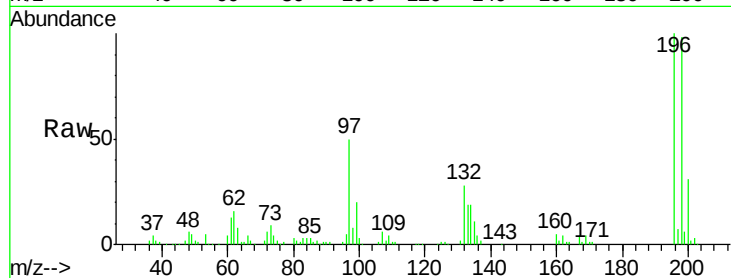




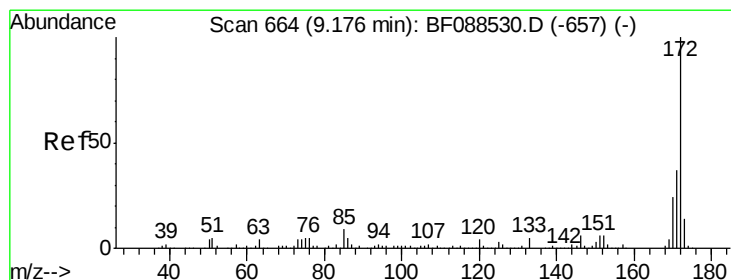
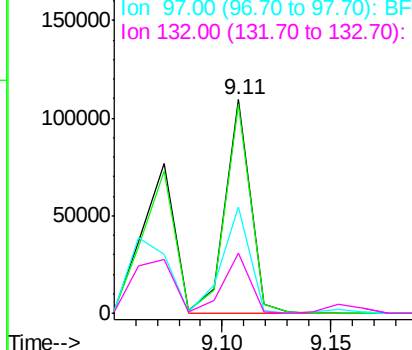
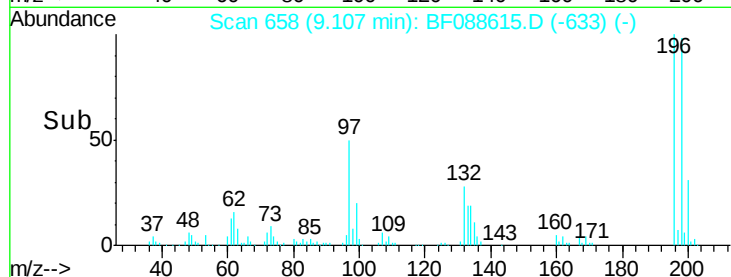
#43
 2,4,5-Trichlorophenol
 Concen: 24.05 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

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

Tgt Ion:196 Resp: 87229
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.5 116.3
 97 50.0 32.0 48.0#
 132 28.2 20.9 31.3

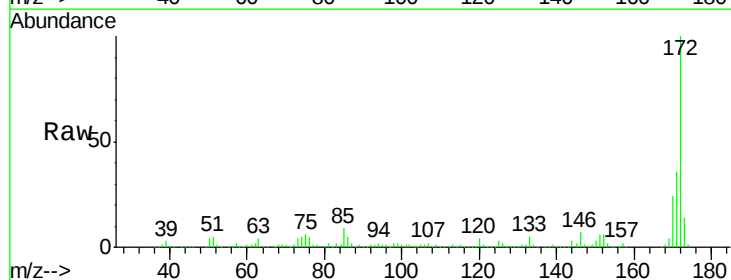


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

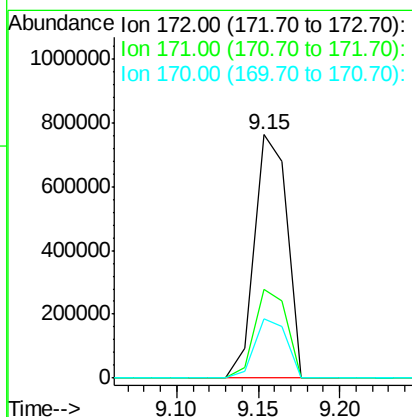
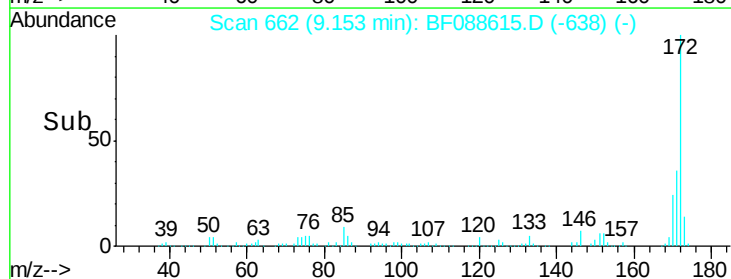


#44
 2-Fluorobiphenyl
 Concen: 86.65 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:172 Resp: 1054586
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.4 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

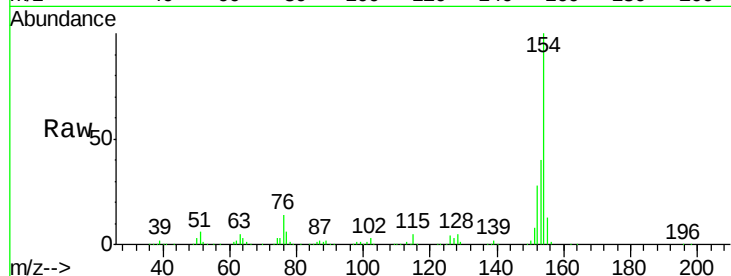




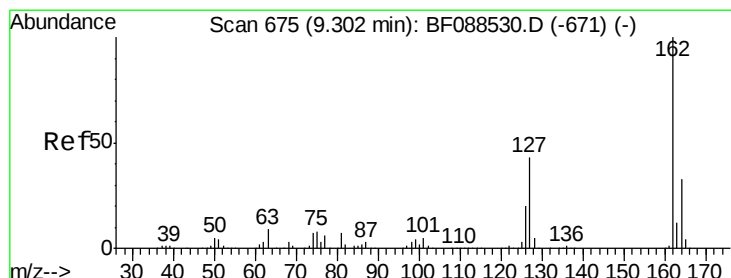
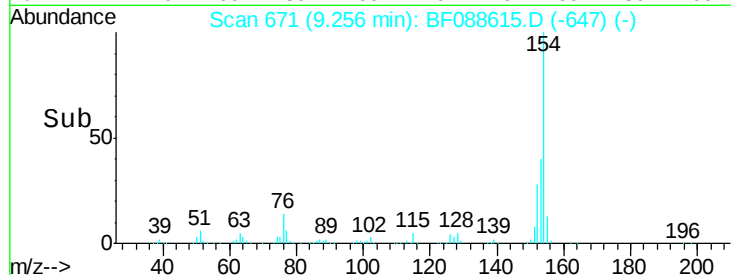
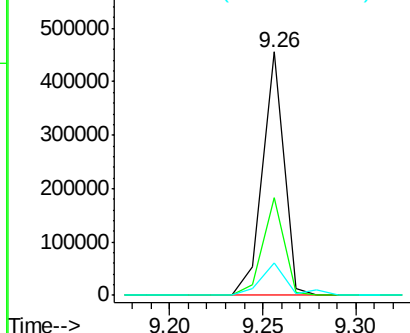
#45
 1,1'-Biphenyl
 Concen: 22.48 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

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

Tgt Ion:154 Resp: 357925
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.6 60.6
 76 13.5 0.0 35.1

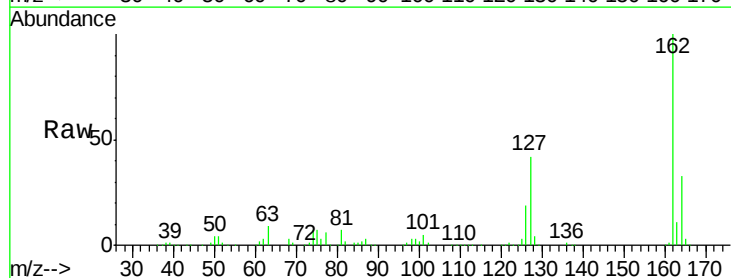


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

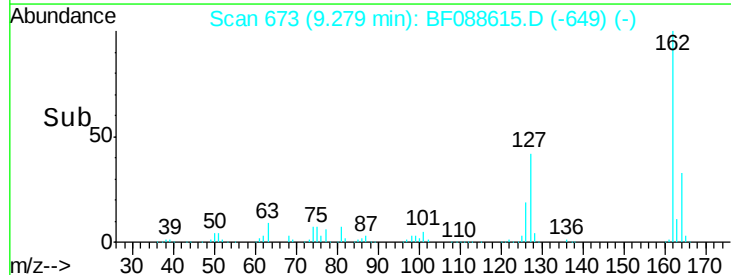
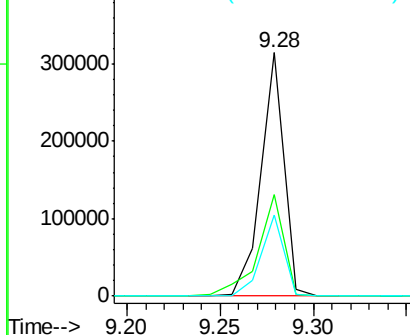


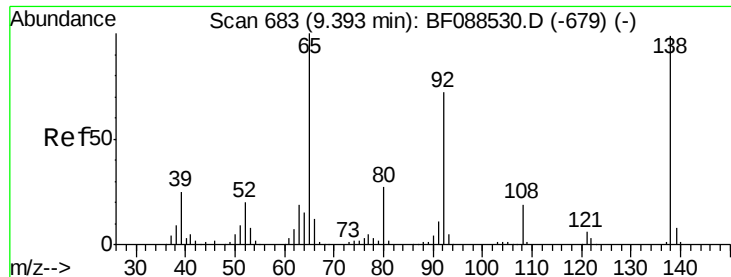
#46
 2-Chloronaphthalene
 Concen: 21.23 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:162 Resp: 265258
 Ion Ratio Lower Upper
 162 100
 127 41.9 35.2 52.8
 164 33.3 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

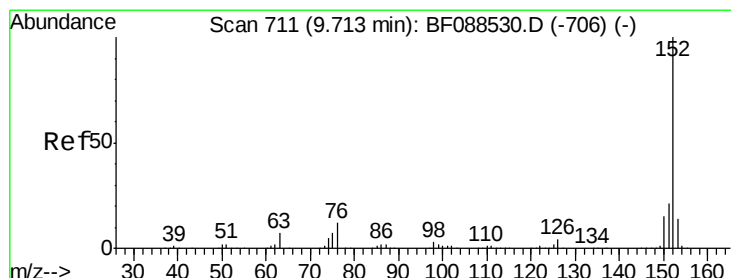
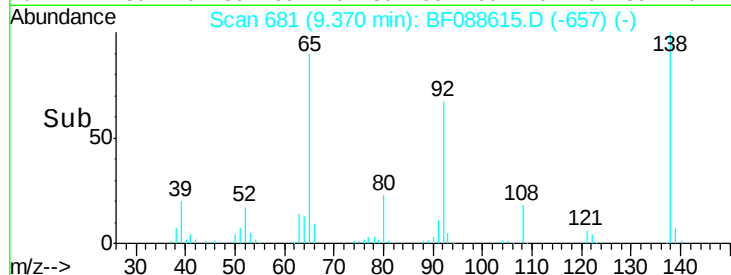
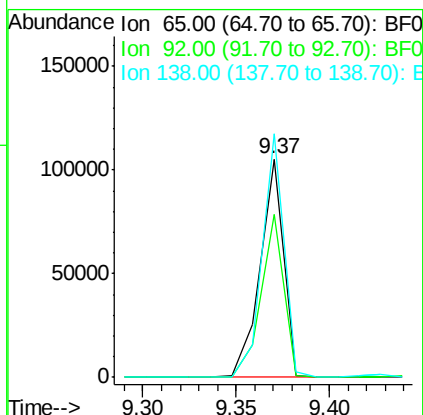
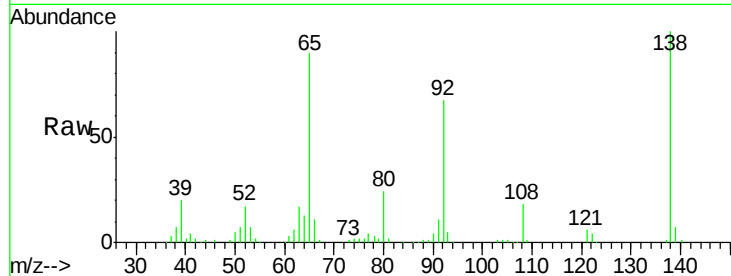




#47
 2-Nitroaniline
 Concen: 20.46 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

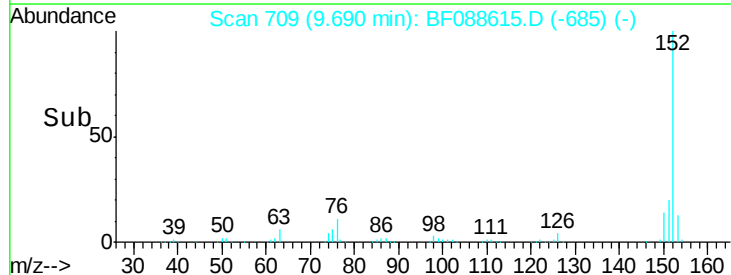
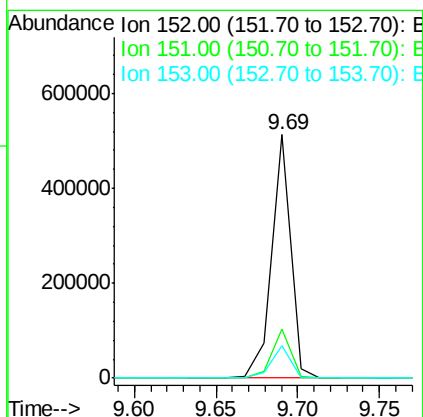
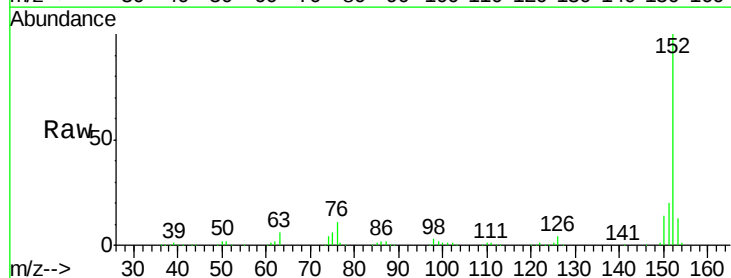
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion: 65 Resp: 90740
 Ion Ratio Lower Upper
 65 100
 92 74.7 54.6 82.0
 138 111.6 77.0 115.4



#48
 Acenaphthylene
 Concen: 21.07 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion: 152 Resp: 418986
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.1 11.0 16.6

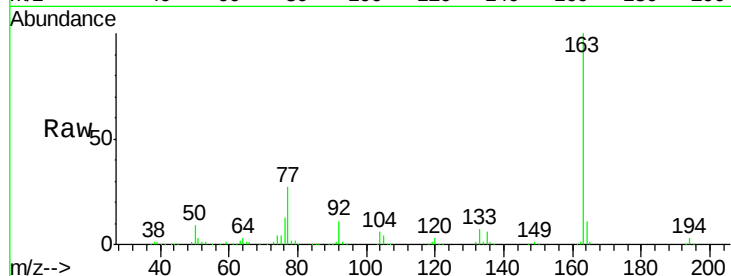




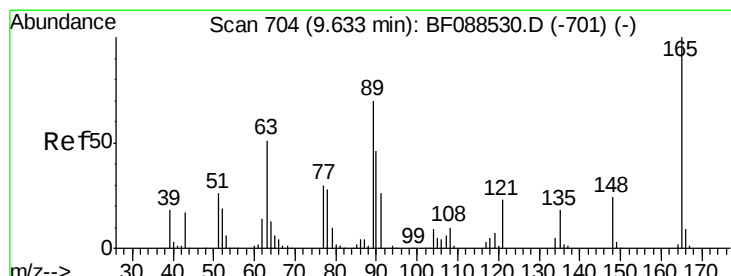
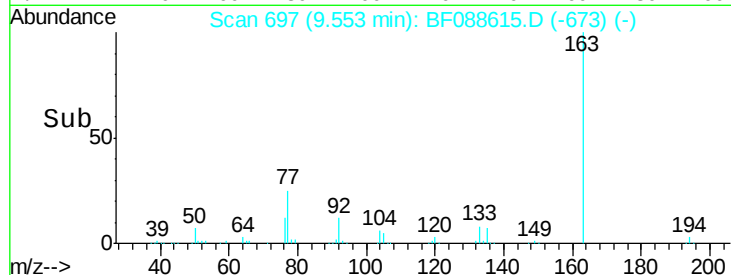
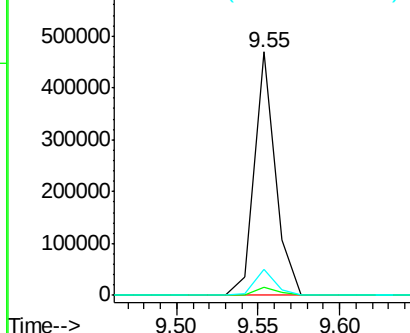
#49
Dimethylphthalate
Concen: 30.72 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:163 Resp: 420765
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.5 8.3 12.5

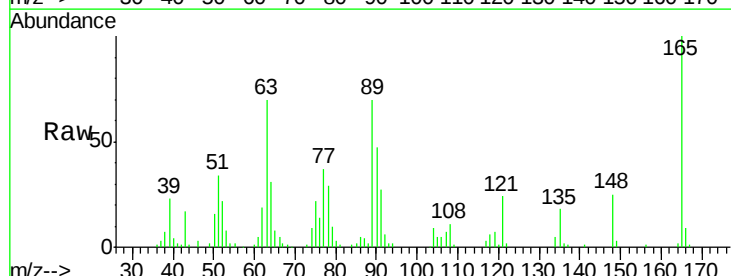


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

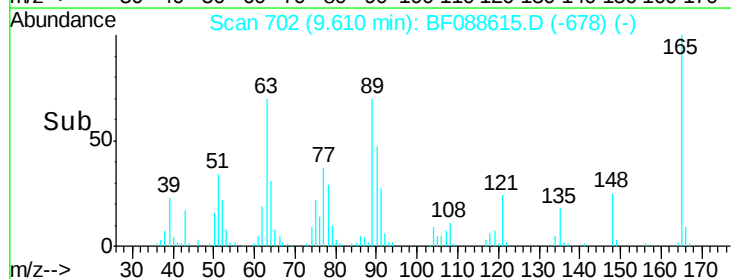
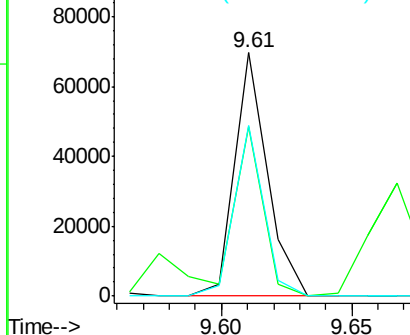


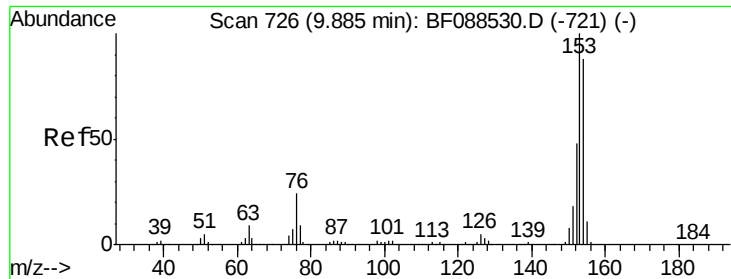
#50
2,6-Dinitrotoluene
Concen: 20.15 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:165 Resp: 61170
Ion Ratio Lower Upper
165 100
63 69.7 28.1 42.1#
89 70.2 32.2 48.2#



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





#51

Acenaphthene

Concen: 21.81 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

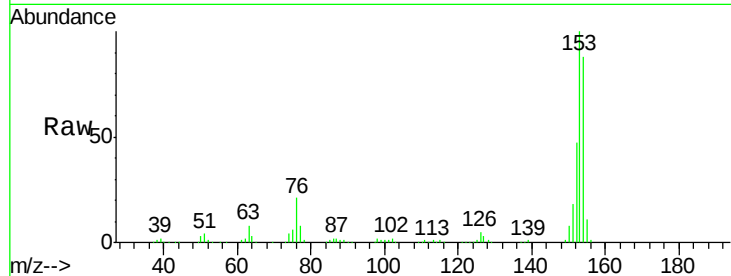
Tgt Ion:154 Resp: 265789

Ion Ratio Lower Upper

154 100

153 114.3 89.5 134.3

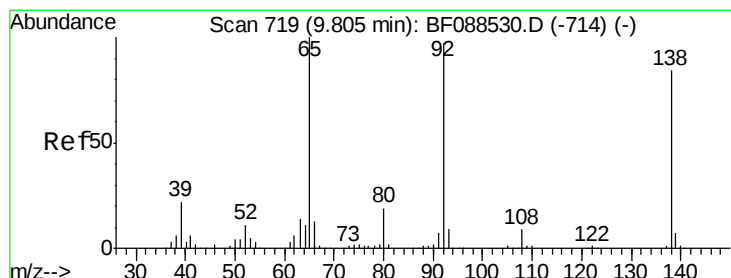
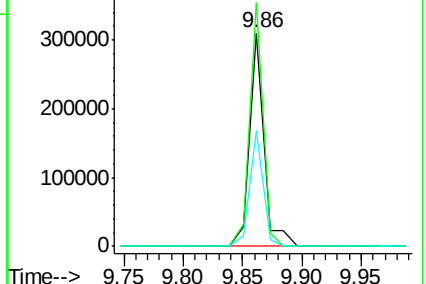
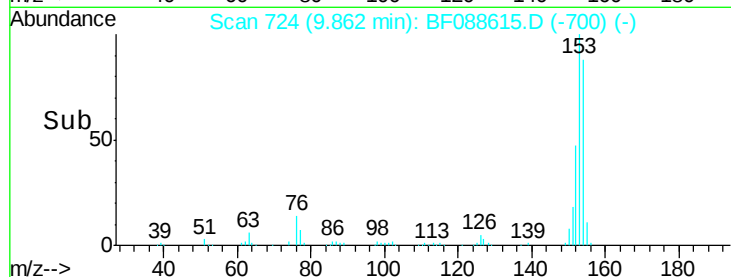
152 54.2 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.47 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

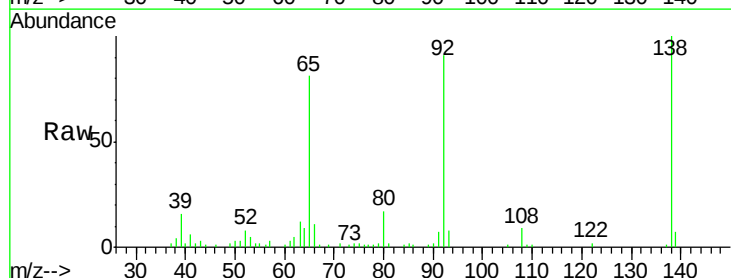
Tgt Ion:138 Resp: 55823

Ion Ratio Lower Upper

138 100

108 9.3 8.5 12.7

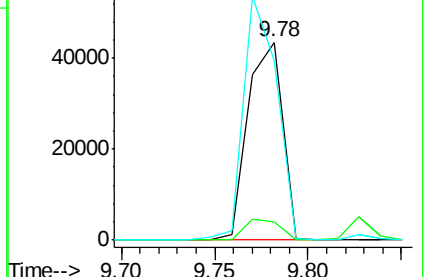
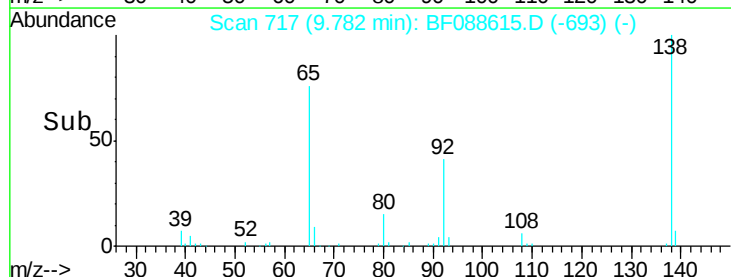
92 91.1 95.7 143.5#



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

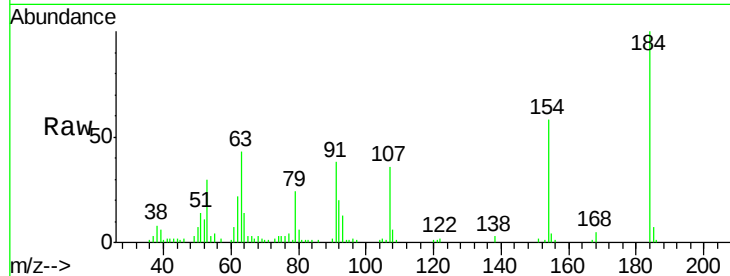




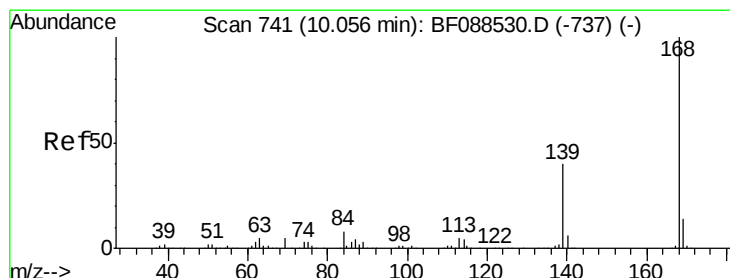
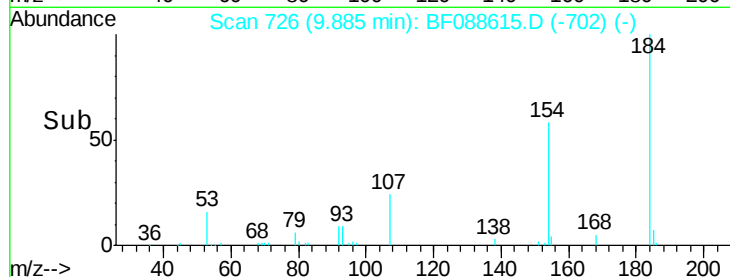
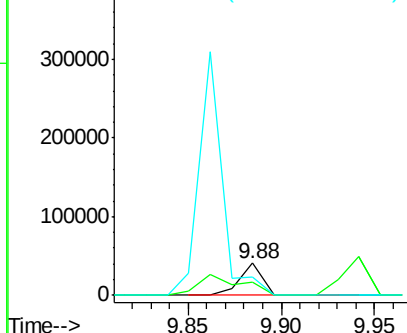
#53
2,4-Dinitrophenol
Concen: 26.16 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:184 Resp: 35062
Ion Ratio Lower Upper
184 100
63 43.1 57.6 86.4#
154 58.3 53.5 80.3

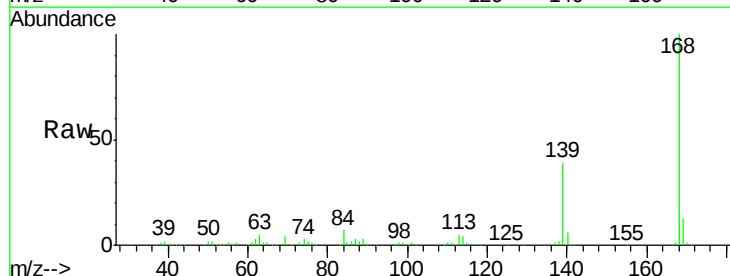


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

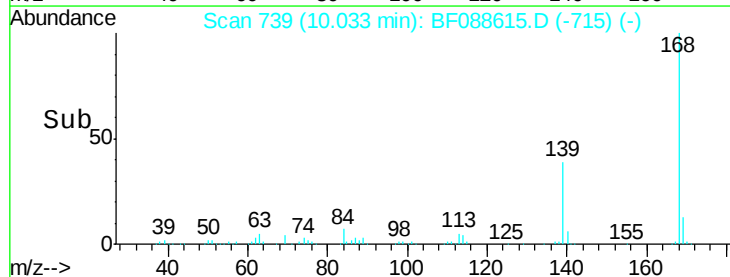
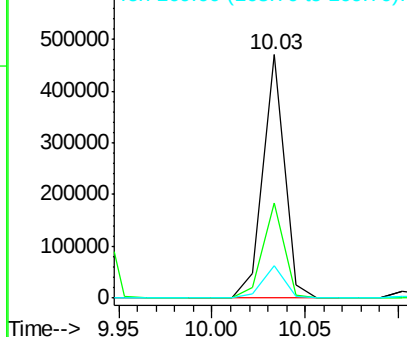


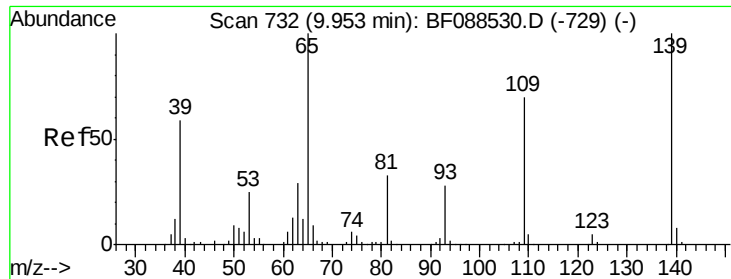
#54
Dibenzofuran
Concen: 23.34 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:168 Resp: 372361
Ion Ratio Lower Upper
168 100
139 39.1 26.4 39.6
169 13.4 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

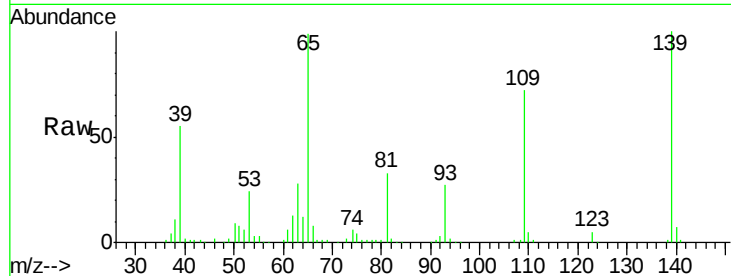




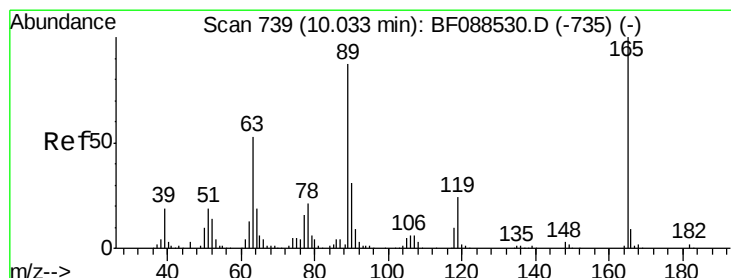
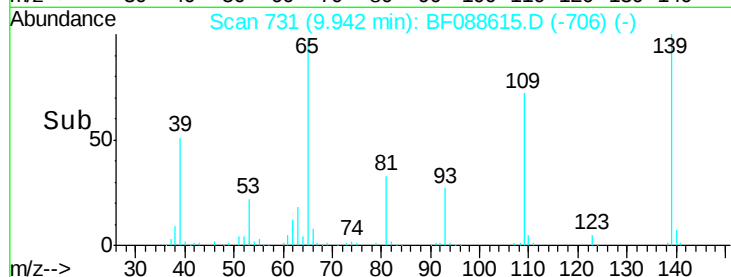
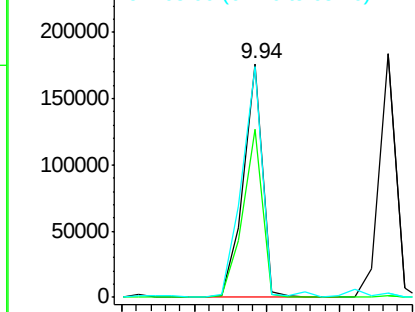
#55
4-Nitrophenol
Concen: 55.17 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:139 Resp: 161782
Ion Ratio Lower Upper
139 100
109 71.7 48.9 88.9
65 98.7 84.9 124.9

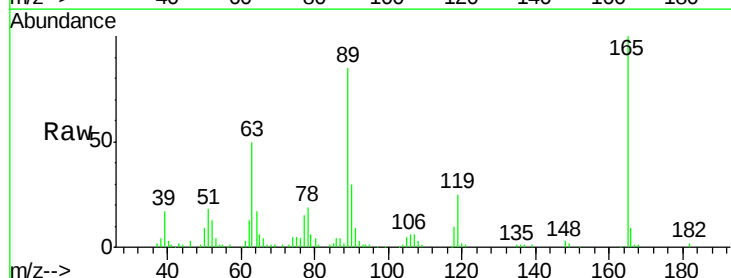


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

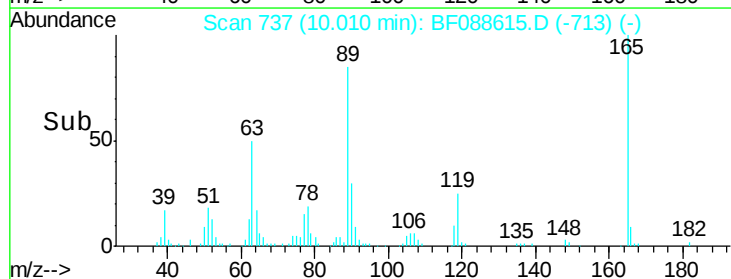
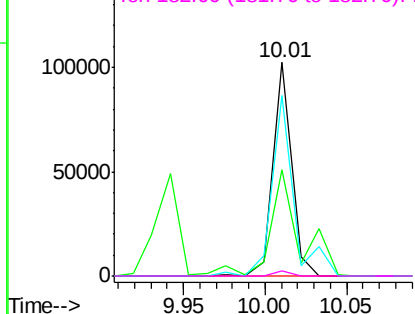


#56
2,4-Dinitrotoluene
Concen: 20.47 ng
RT: 10.01 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:165 Resp: 81233
Ion Ratio Lower Upper
165 100
63 49.9 22.0 33.0#
89 84.6 41.1 61.7#
182 2.4 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

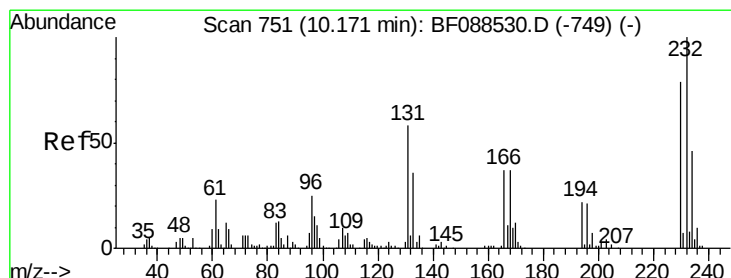
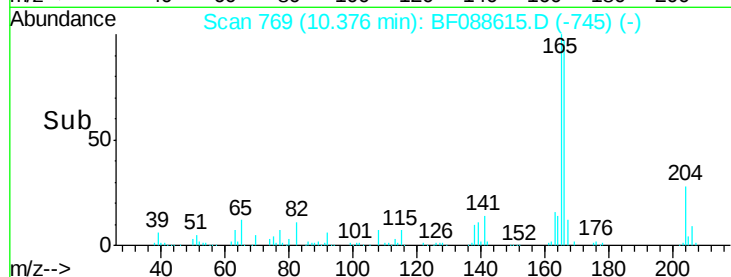
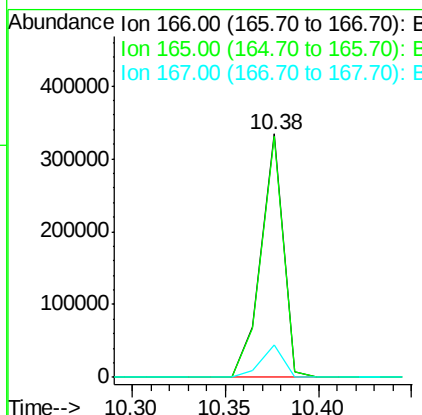
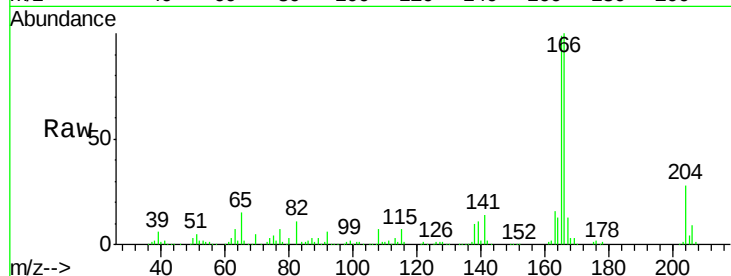




#57
 Fluorene
 Concen: 22.91 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

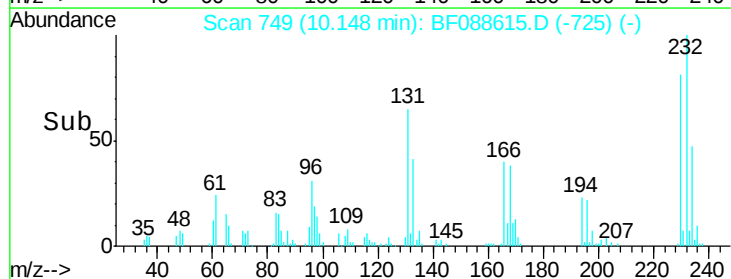
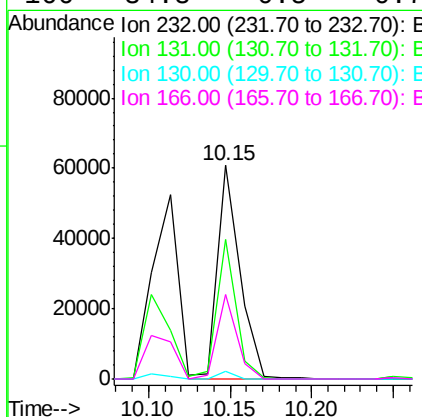
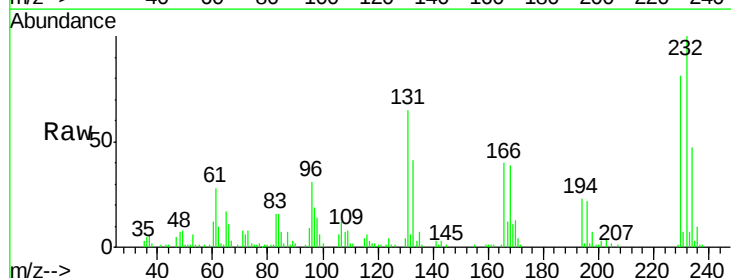
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

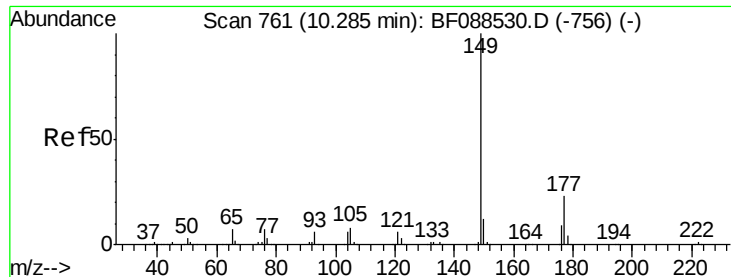
Tgt Ion:166 Resp: 281717
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.8 116.8
 167 13.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 20.75 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:232 Resp: 58220
 Ion Ratio Lower Upper
 232 100
 131 55.8 0.9 1.3#
 130 2.5 1.5 2.3#
 166 34.8 0.5 0.7#

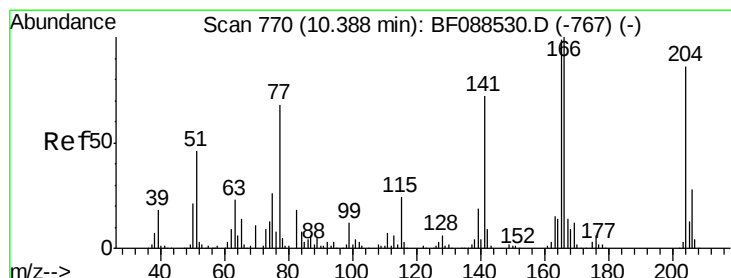
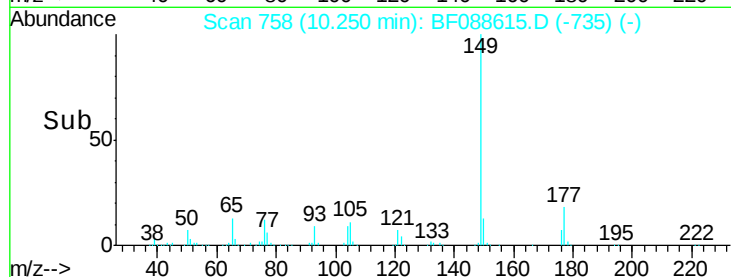
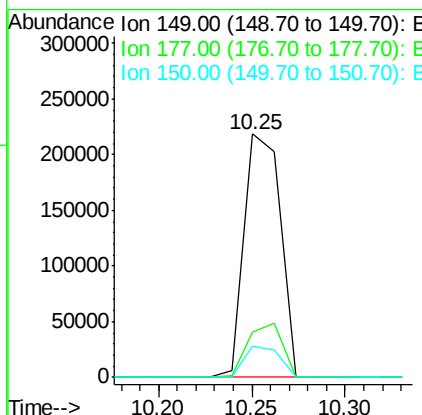
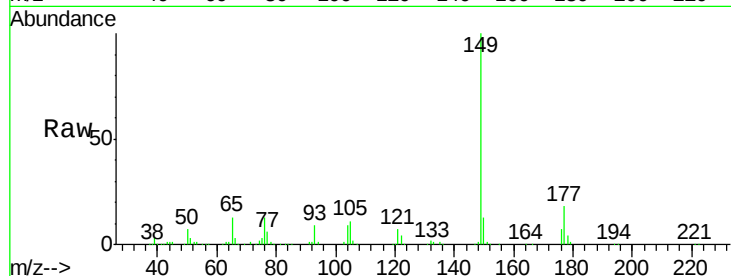




#59
Diethylphthalate
Concen: 21.41 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

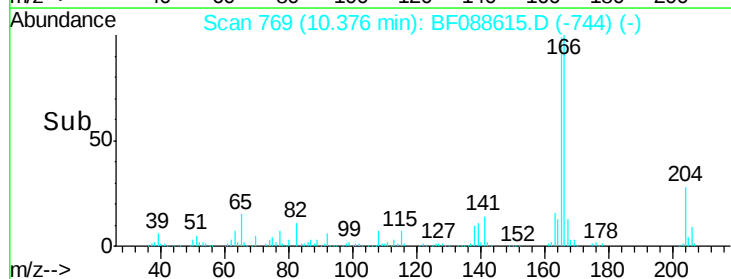
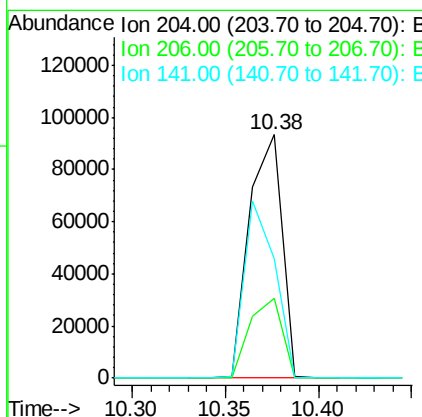
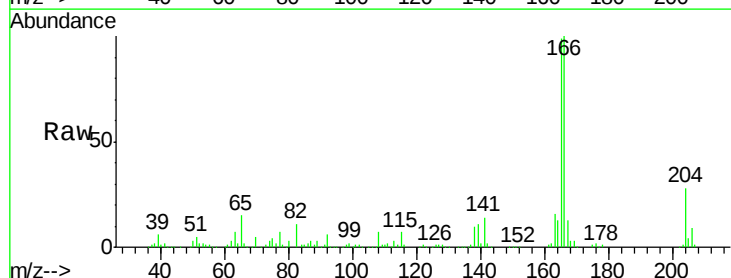
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

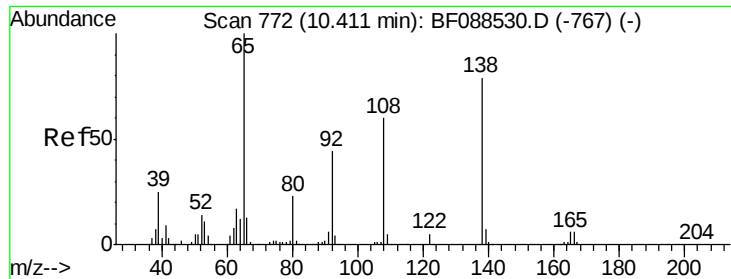
Tgt Ion:149 Resp: 294237
Ion Ratio Lower Upper
149 100
177 18.5 16.9 25.3
150 12.8 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 20.19 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:204 Resp: 115354
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 48.9 55.0 82.6#

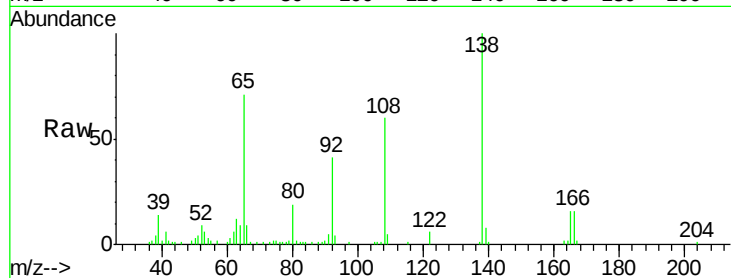




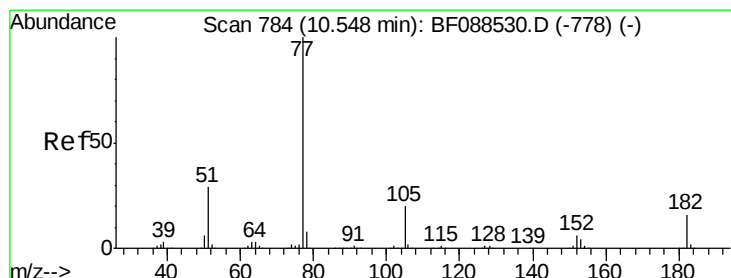
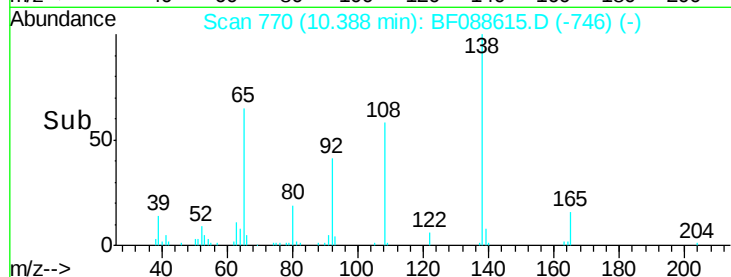
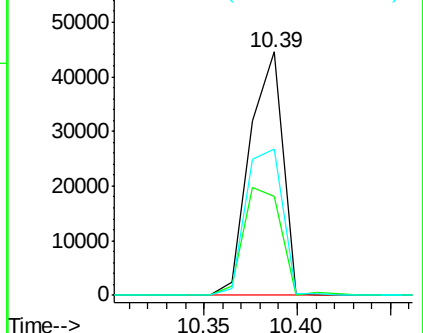
#61
4-Nitroaniline
Concen: 14.62 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:138 Resp: 54287
Ion Ratio Lower Upper
138 100
92 40.8 27.3 67.3
108 60.4 46.7 86.7

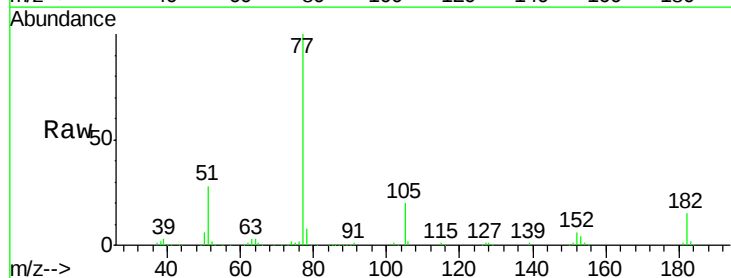


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

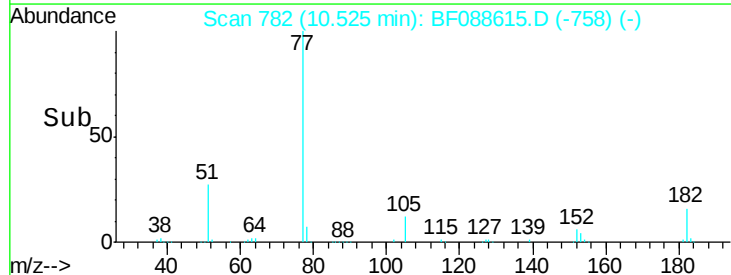
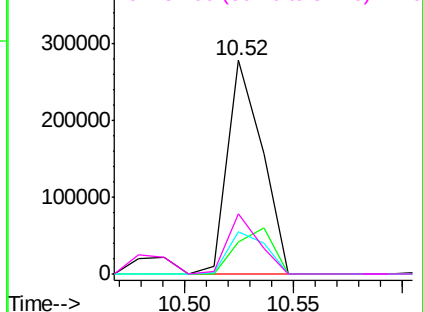


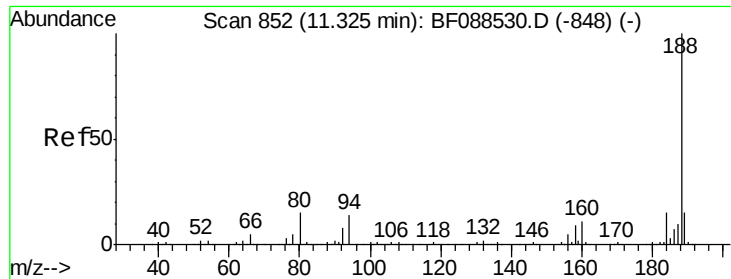
#62
Azobenzene
Concen: 19.49 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion: 77 Resp: 305599
Ion Ratio Lower Upper
77 100
182 15.2 4.4 44.4
105 20.1 3.8 43.8
51 28.2 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

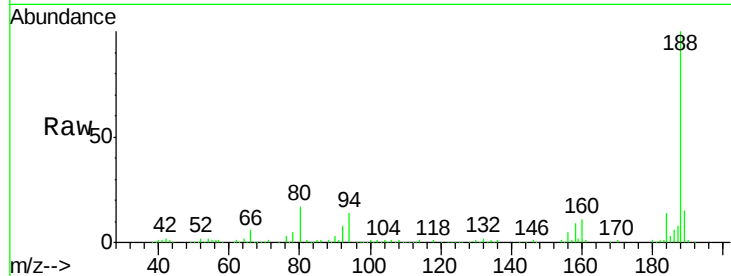




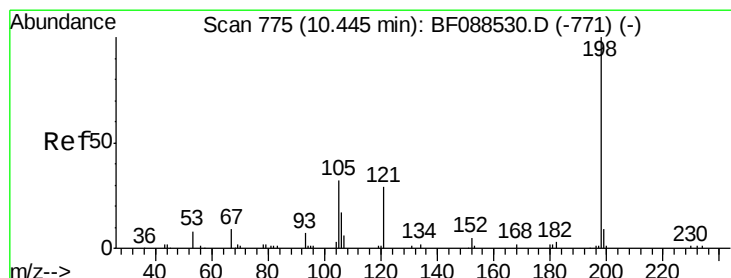
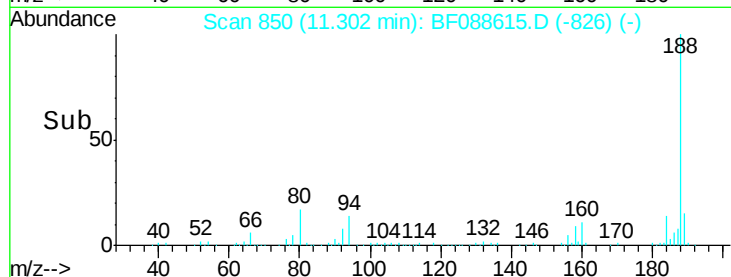
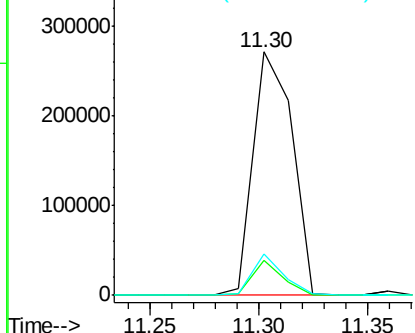
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:188 Resp: 340772
Ion Ratio Lower Upper
188 100
94 14.4 9.0 13.6#
80 16.9 10.0 15.0#

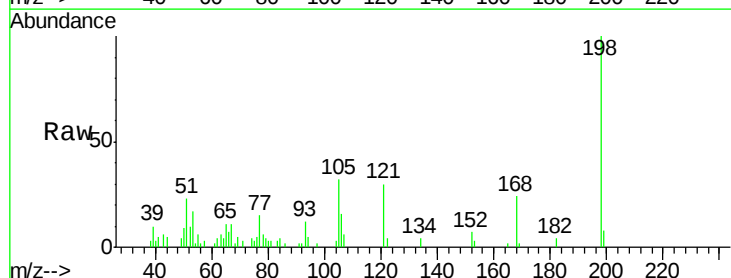


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

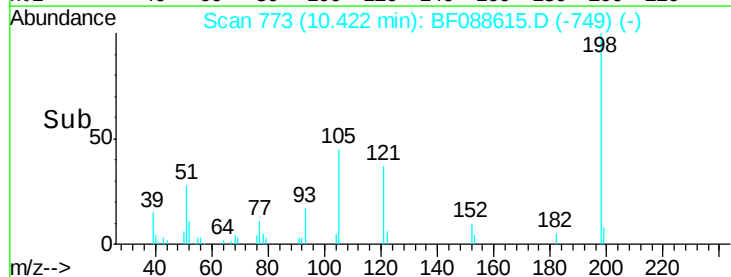
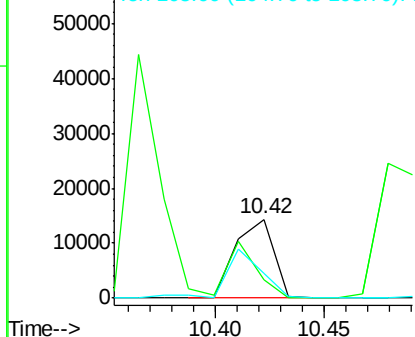


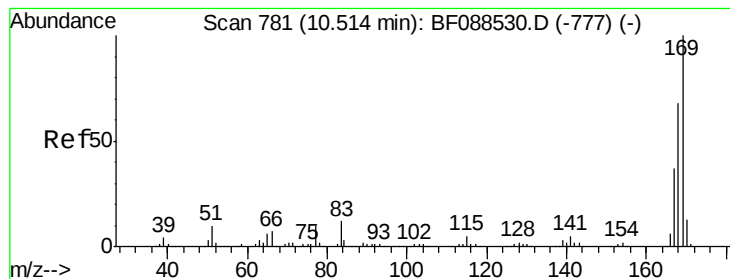
#64
4,6-Dinitro-2-methylphenol
Concen: 9.58 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:198 Resp: 17466
Ion Ratio Lower Upper
198 100
51 22.7 39.6 79.6#
105 31.9 36.6 76.6#



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





#65

n-Nitrosodiphenylamine

Concen: 21.31 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

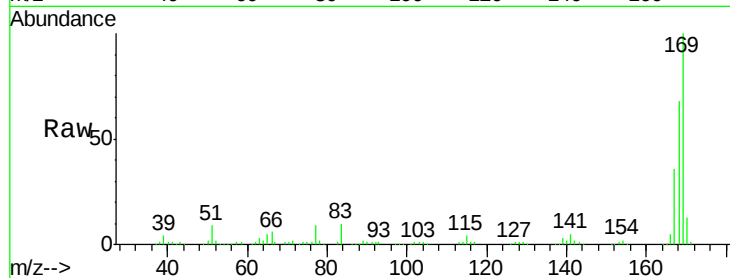
Tgt Ion:169 Resp: 245774

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

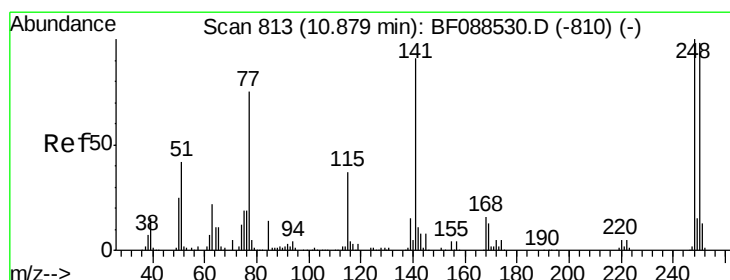
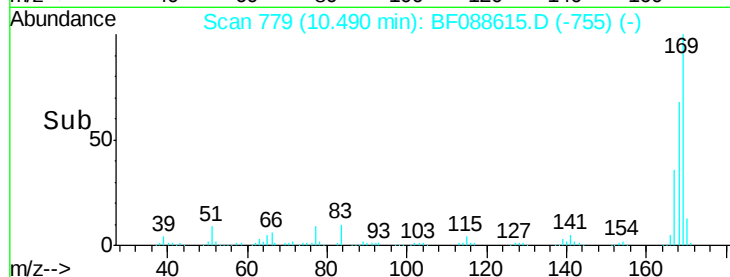
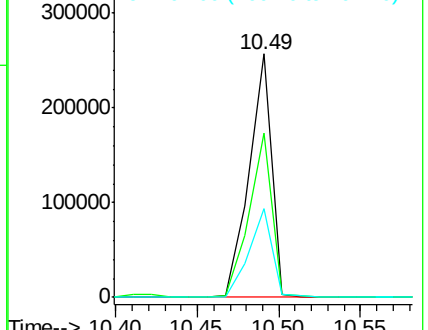
167 36.2 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 21.30 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

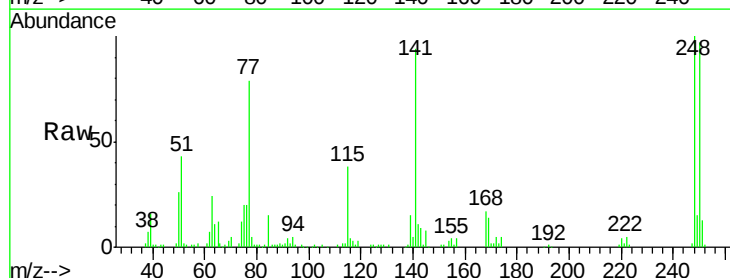
Tgt Ion:248 Resp: 73154

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

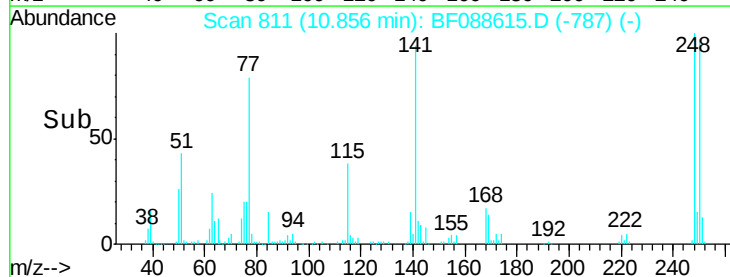
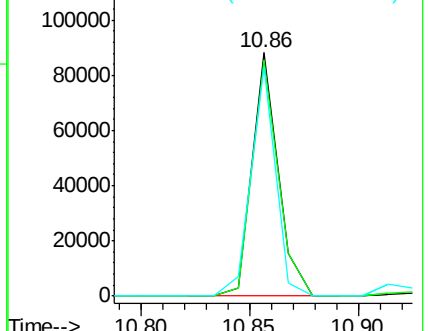
141 94.2 50.6 76.0#

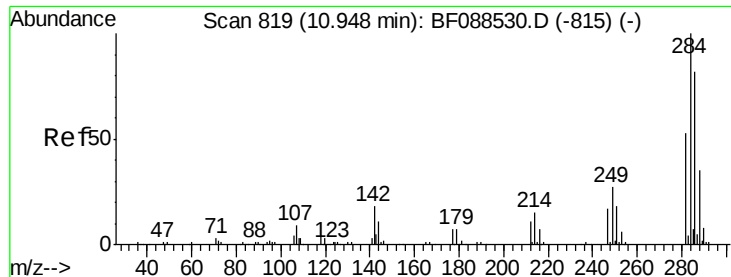


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

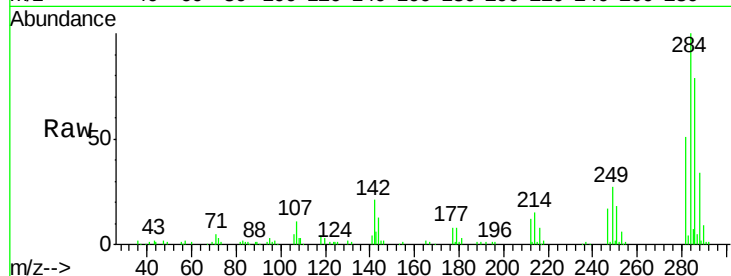




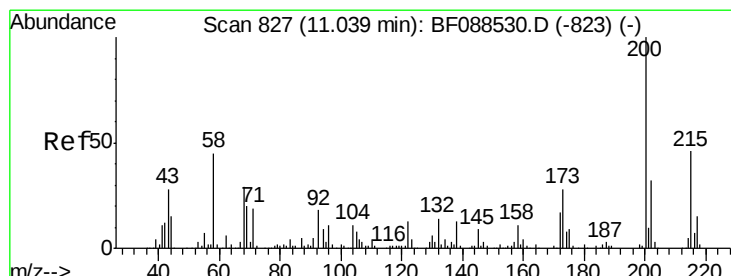
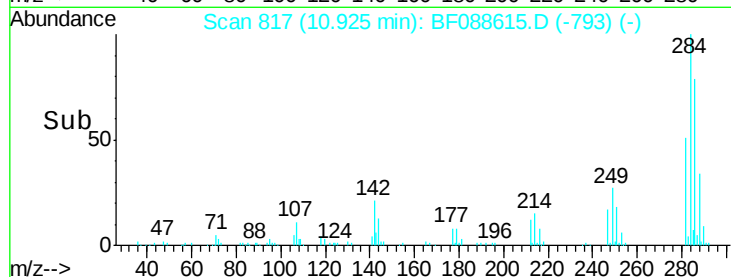
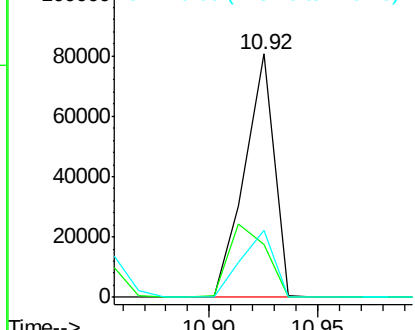
#67
Hexachlorobenzene
Concen: 20.18 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

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

Tgt Ion:284 Resp: 76702
Ion Ratio Lower Upper
284 100
142 21.5 35.8 53.8#
249 27.4 25.8 38.6

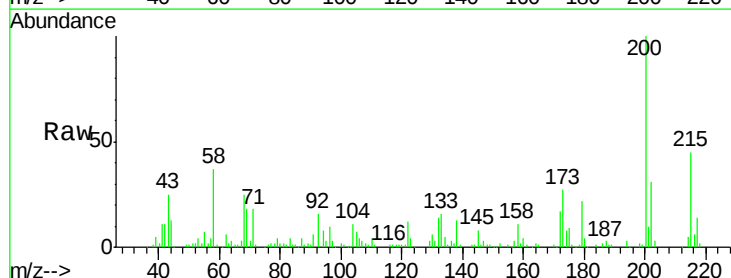


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

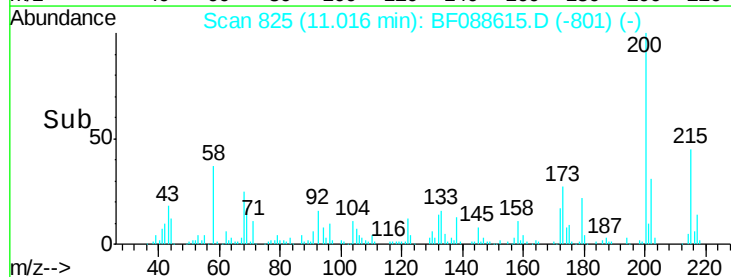
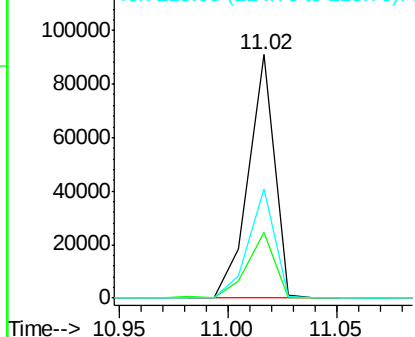


#68
Atrazine
Concen: 21.13 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:200 Resp: 75933
Ion Ratio Lower Upper
200 100
173 27.2 4.0 44.0
215 45.1 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: 45.32 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

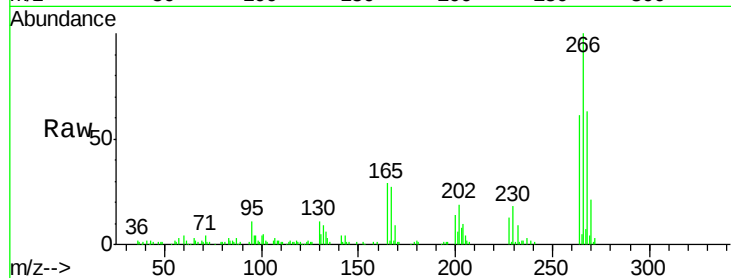
Tgt Ion:266 Resp: 101952

Ion Ratio Lower Upper

266 100

268 63.2 52.8 79.2

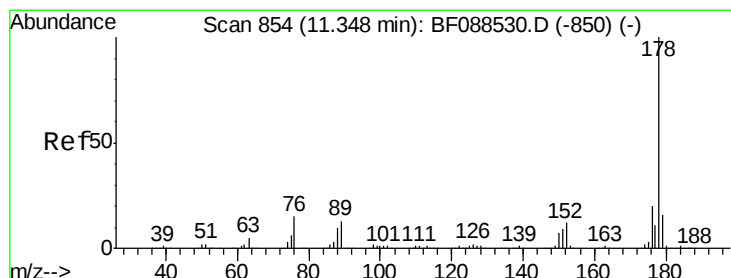
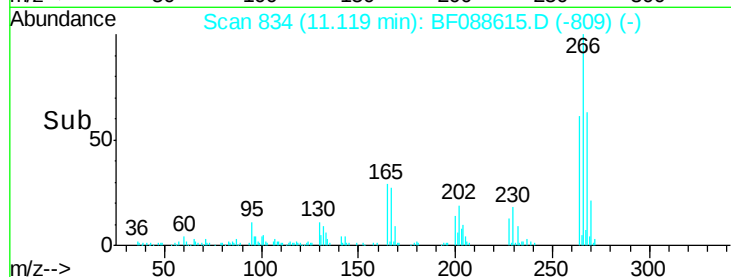
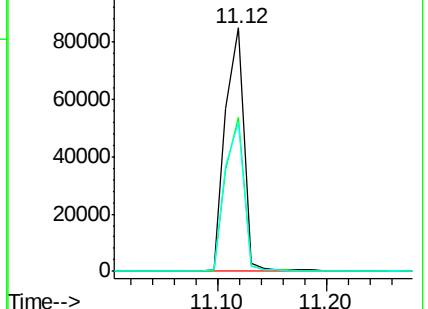
264 61.0 49.6 74.4



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: 26.61 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

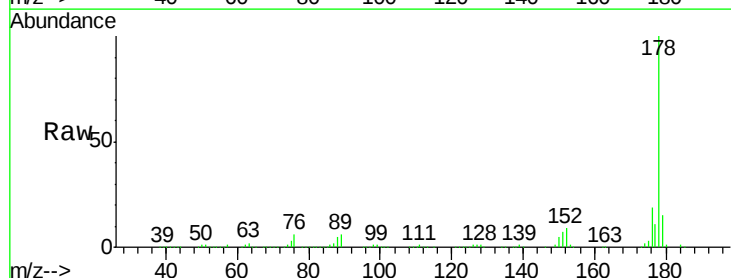
Tgt Ion:178 Resp: 495674

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

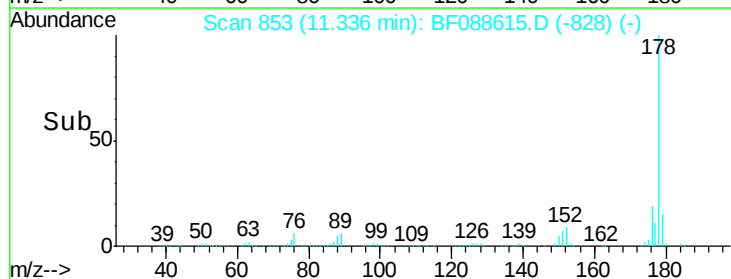
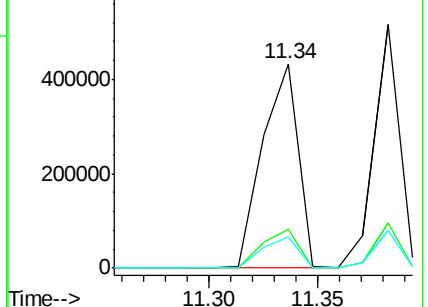
179 15.0 13.0 19.4

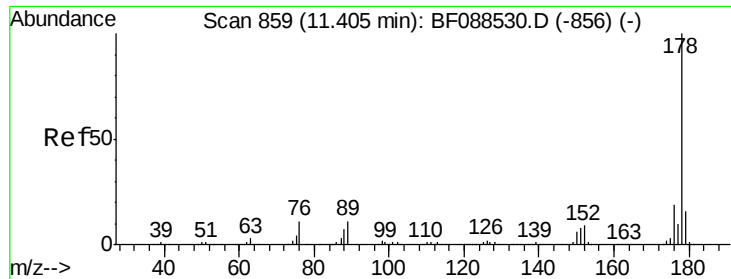


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

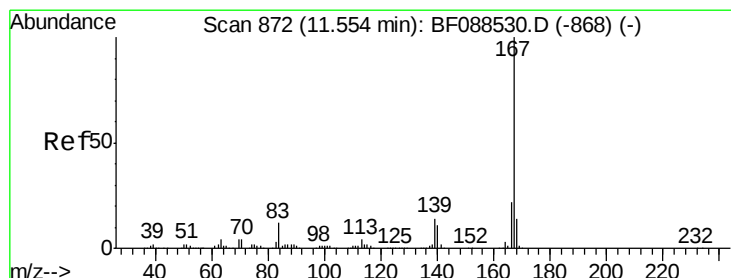
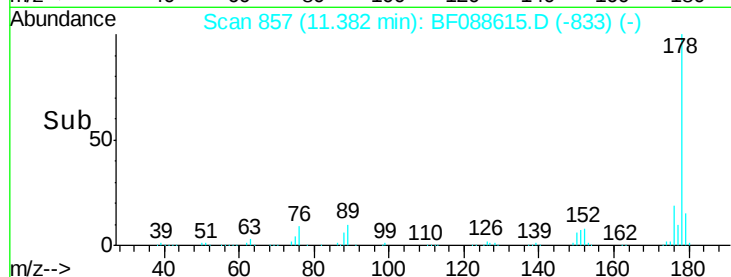
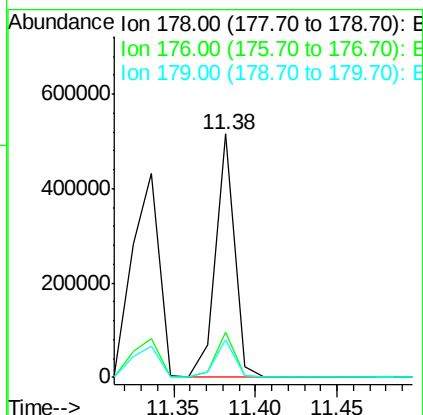
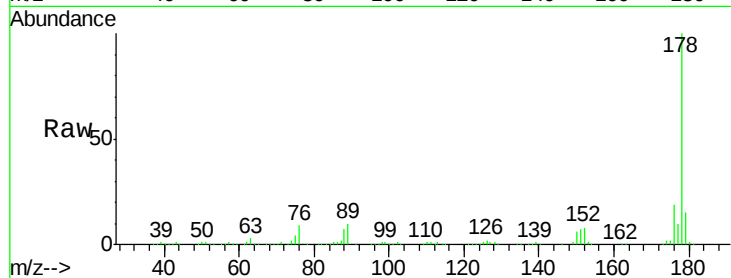




#71
 Anthracene
 Concen: 22.49 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

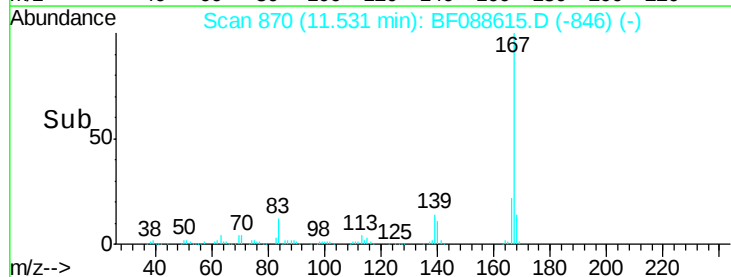
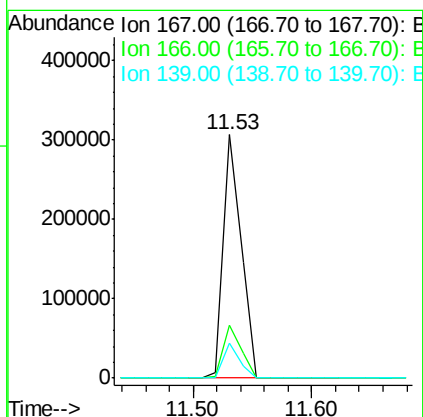
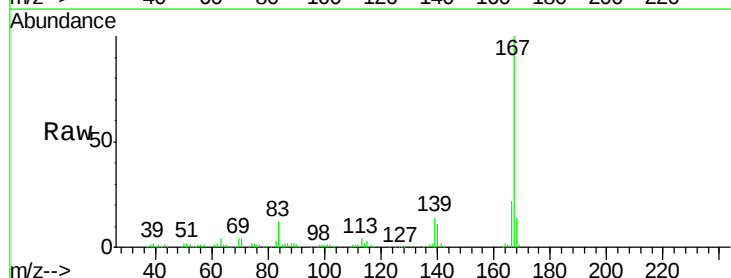
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

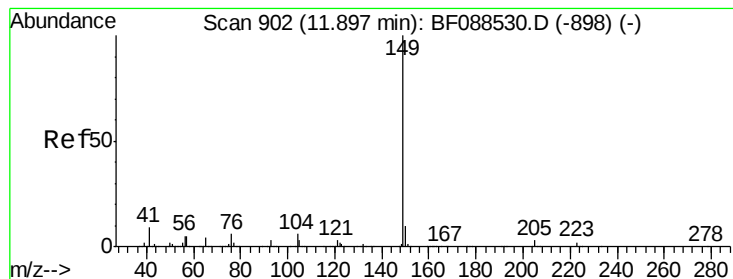
Tgt Ion:178 Resp: 416609
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 18.19 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:167 Resp: 317035
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 14.5 11.2 16.8





#73

Di-n-butylphthalate

Concen: 21.21 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

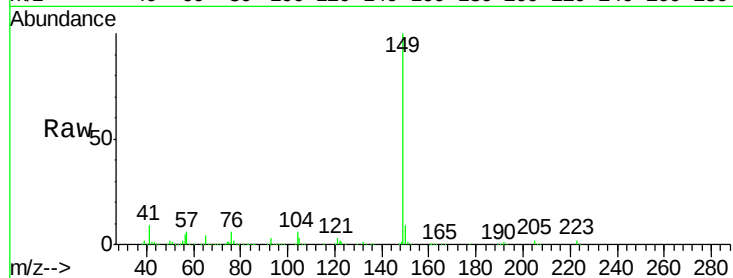
Tgt Ion:149 Resp: 430133

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

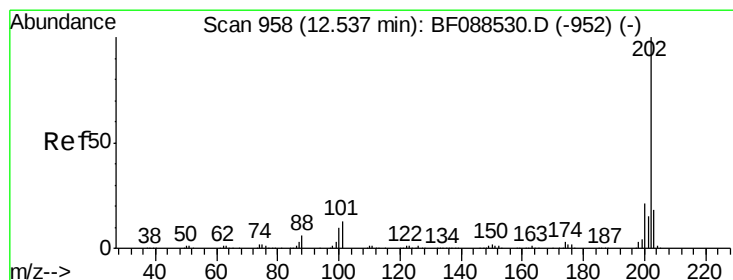
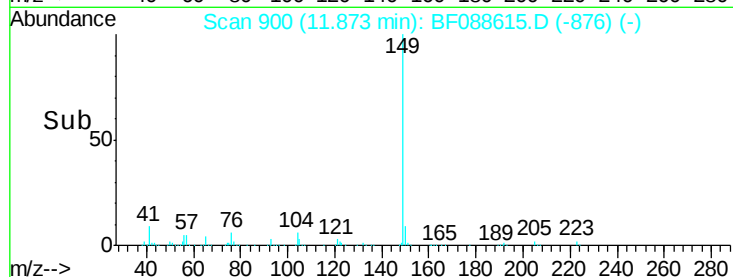
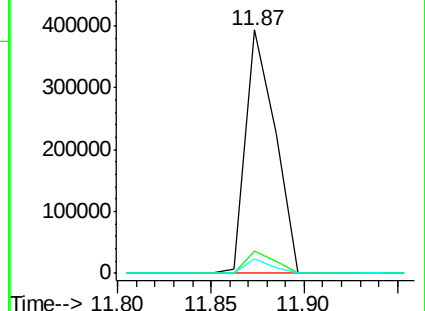
104 5.7 4.0 6.0



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: 24.22 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

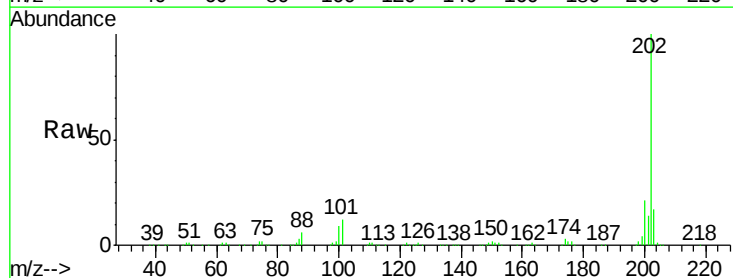
Tgt Ion:202 Resp: 457421

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.1

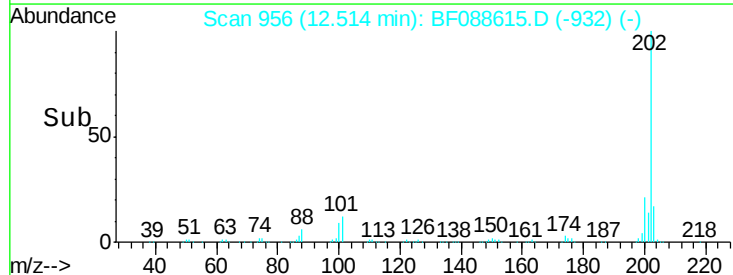
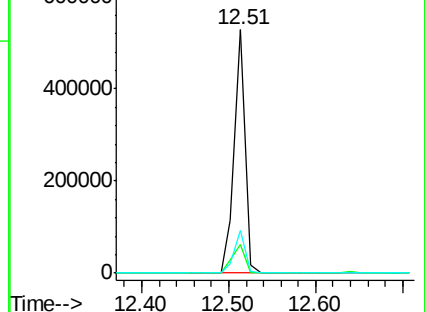
203 17.4 0.0 38.1

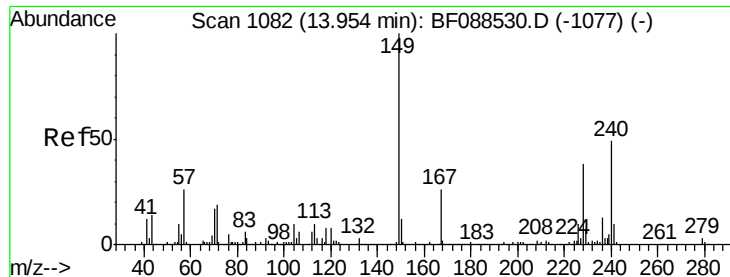


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

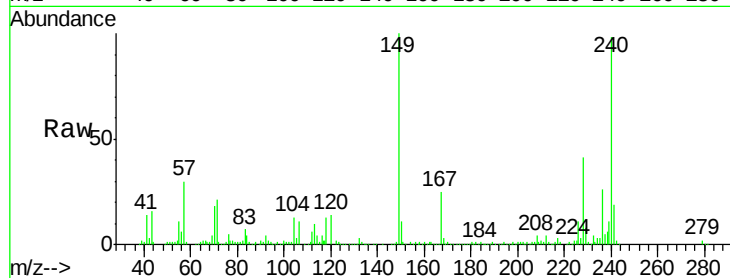
Tgt Ion:240 Resp: 199615

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

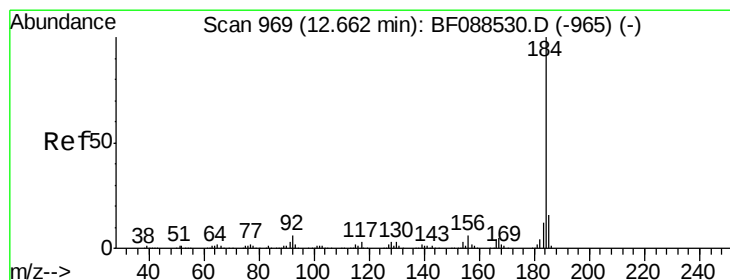
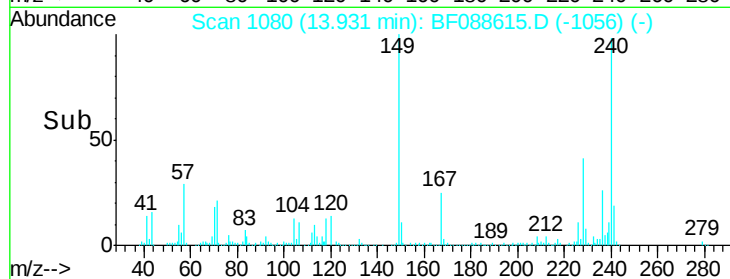
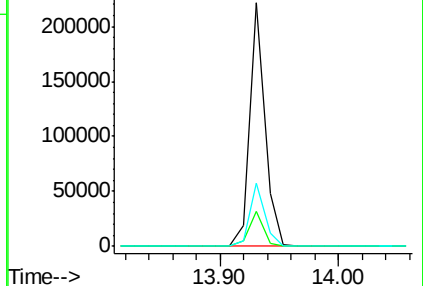
236 26.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.78 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

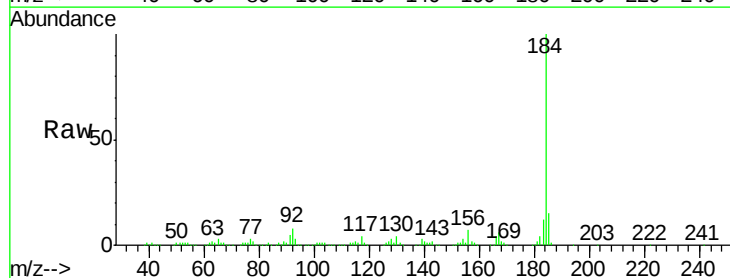
Tgt Ion:184 Resp: 340876

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

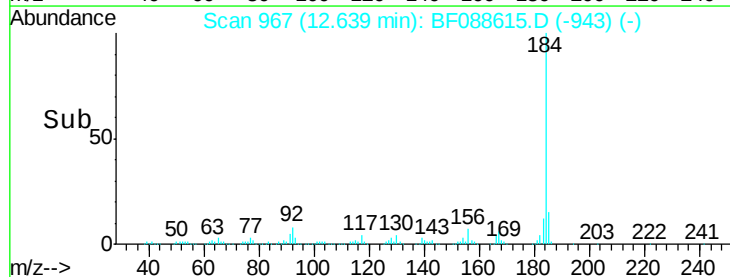
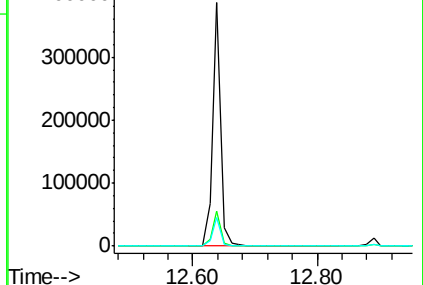
183 11.6 9.3 13.9



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

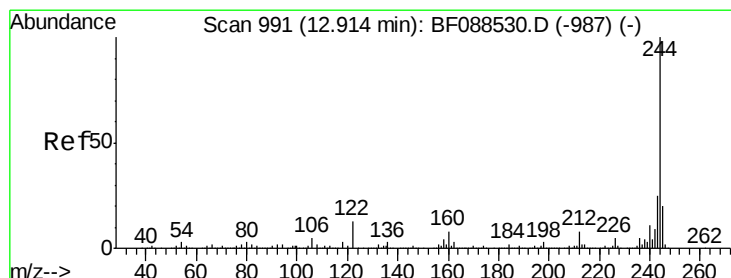
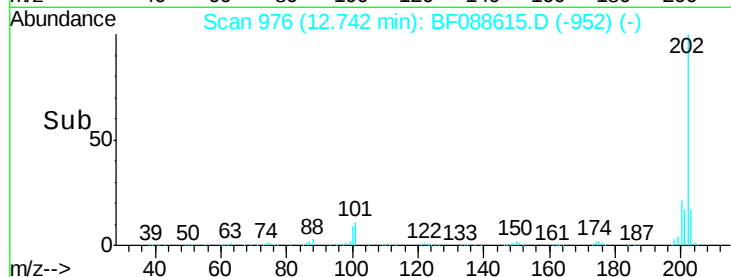
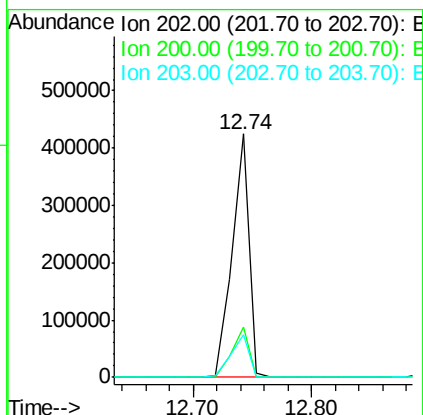
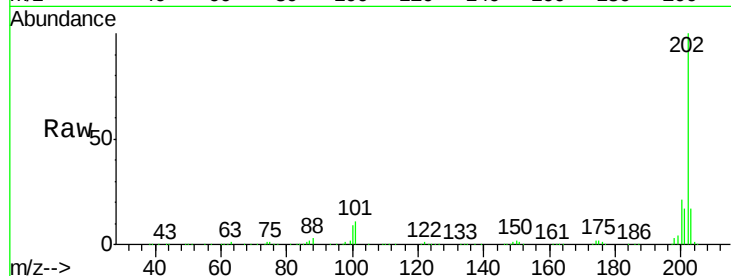




#77
Pyrene
 Concen: 24.67 ng
 RT: 12.74 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

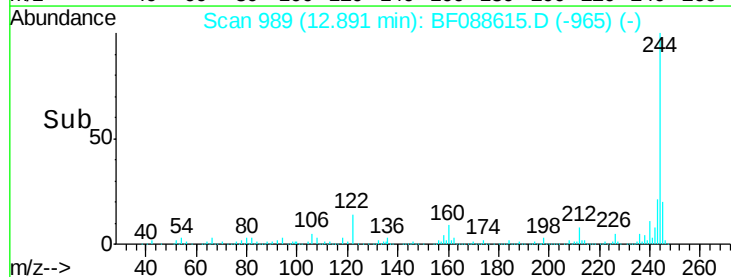
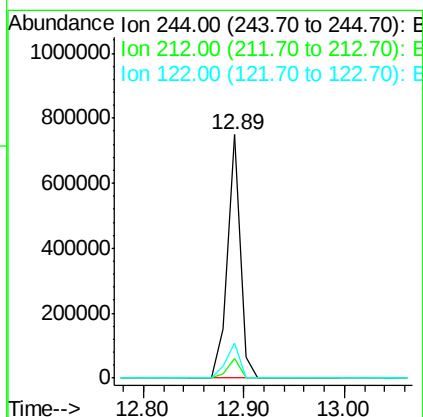
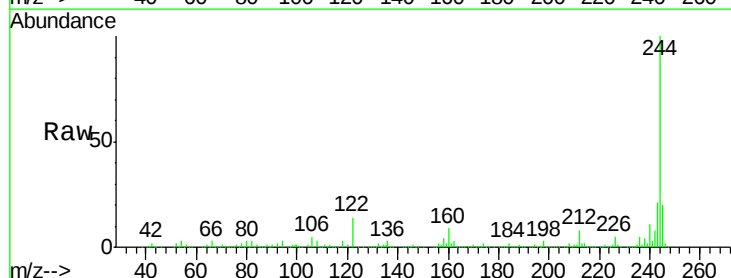
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion: 202 Resp: 417506
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.4 26.2
 203 17.3 14.5 21.7



#78
Terphenyl-d14
 Concen: 74.13 ng
 RT: 12.89 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion: 244 Resp: 664357
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 14.4 11.2 16.8

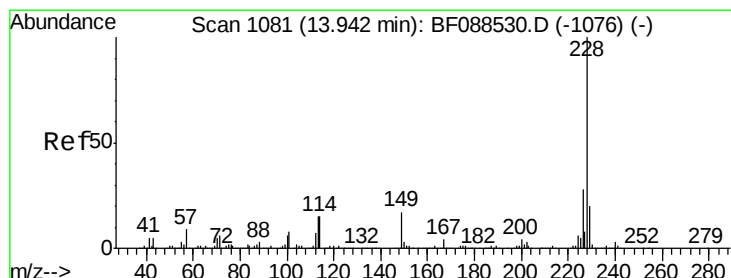
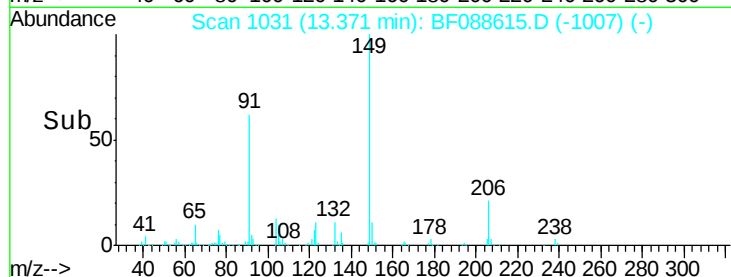
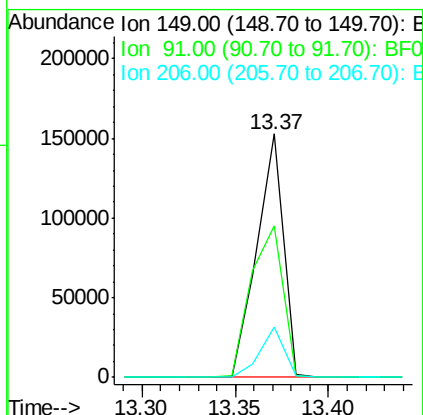
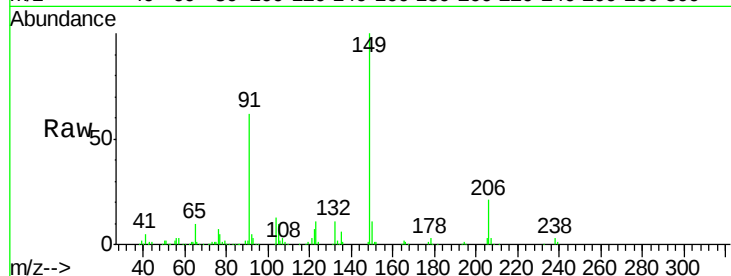




#79
Butylbenzylphthalate
Concen: 19.85 ng
RT: 13.37 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

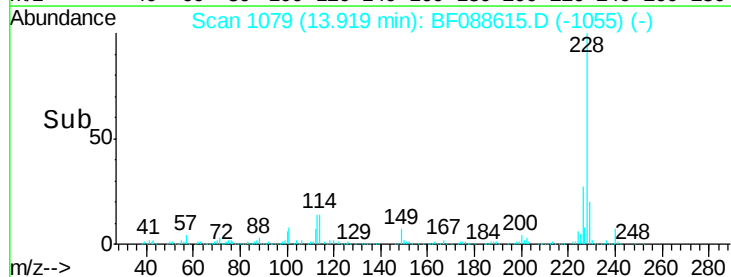
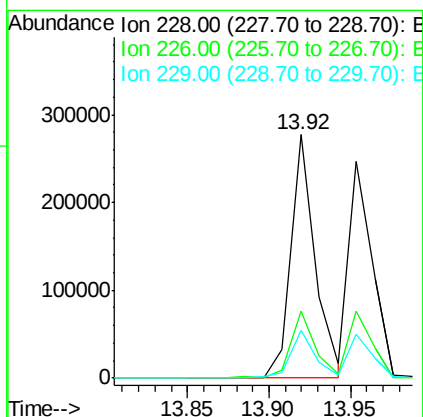
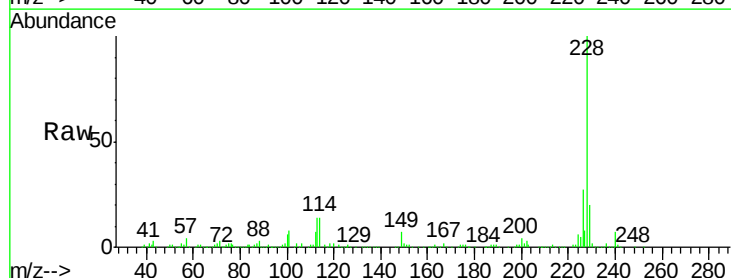
Instrument :
BNA_F
ClientSampleId :
K8-B2(0-11)CMSD

Tgt Ion:149 Resp: 149852
Ion Ratio Lower Upper
149 100
91 62.3 48.0 72.0
206 20.6 16.0 24.0



#80
Benzo(a)anthracene
Concen: 22.38 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088615.D
Acq: 2 Jul 2016 14:15

Tgt Ion:228 Resp: 287688
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 19.7 16.0 24.0

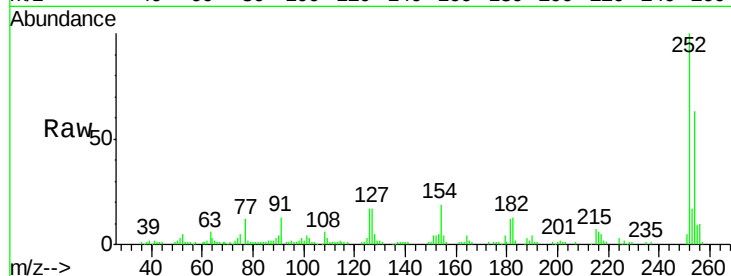




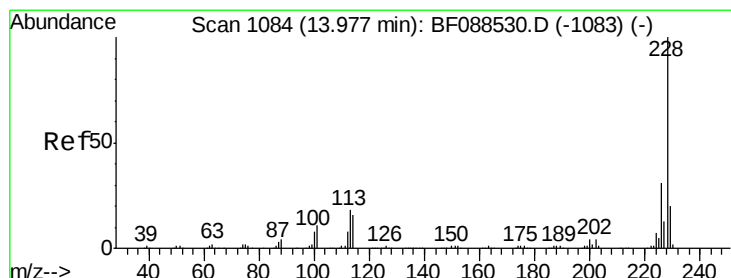
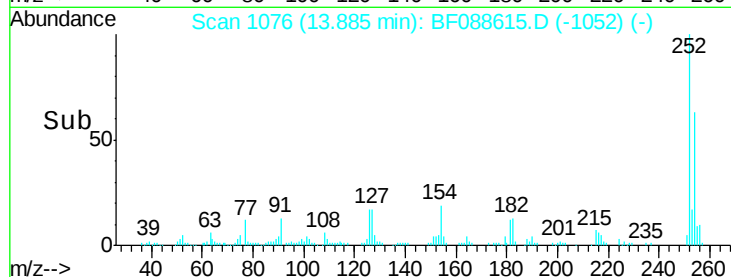
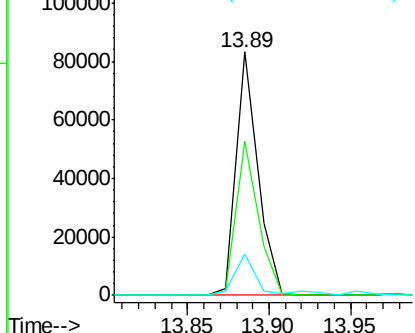
#81
 3,3'-Dichlorobenzidine
 Concen: 15.78 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

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

Tgt Ion:252 Resp: 76254
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.6 78.8
 126 17.2 6.2 9.2#

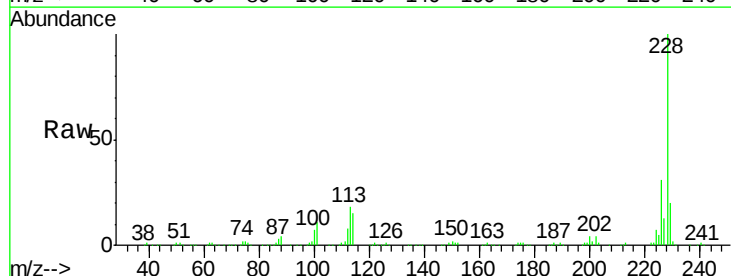


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

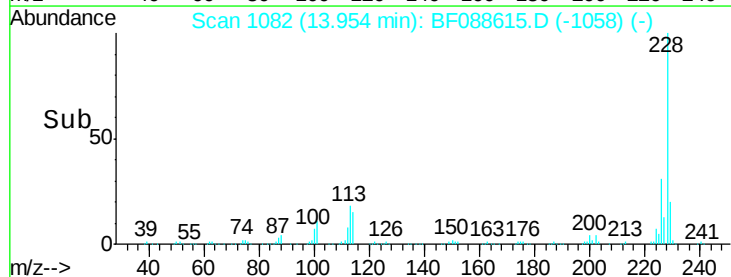
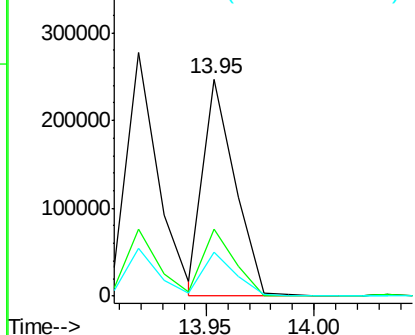


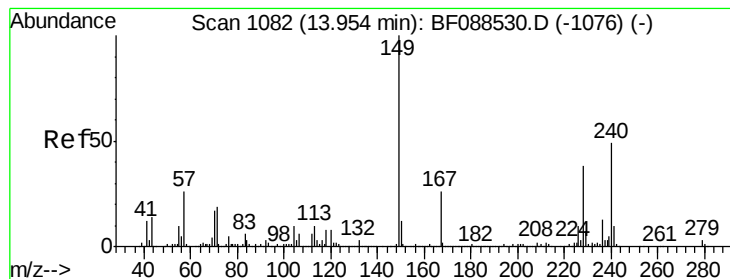
#82
 Chrysene
 Concen: 19.53 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion:228 Resp: 248358
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.2
 229 20.4 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.59 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

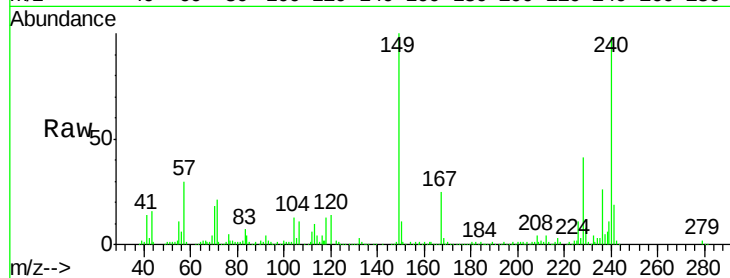
Tgt Ion:149 Resp: 194725

Ion Ratio Lower Upper

149 100

167 24.6 20.5 30.7

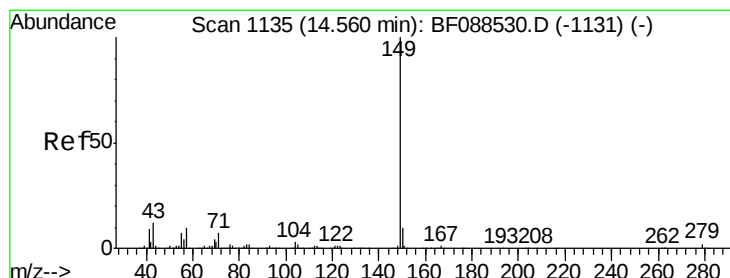
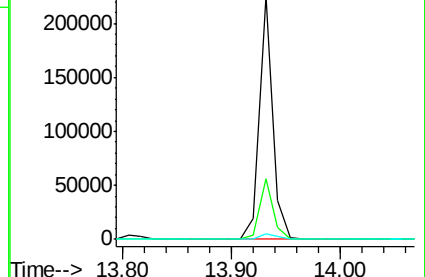
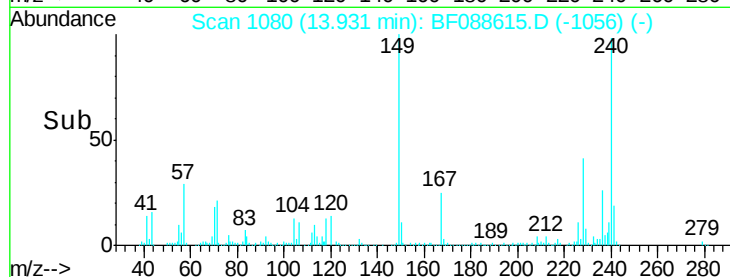
279 2.4 2.0 3.0



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: 21.61 ng

RT: 14.54 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

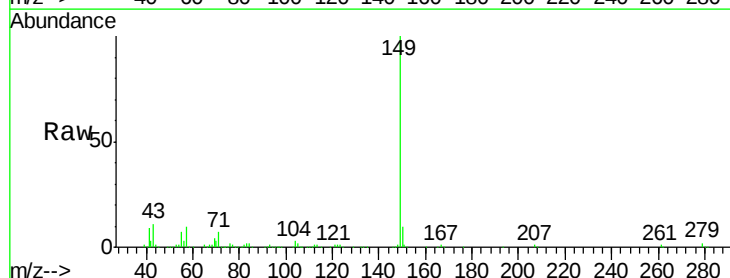
Tgt Ion:149 Resp: 316374

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

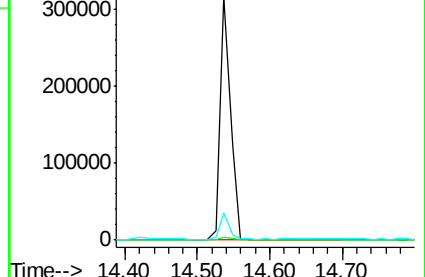
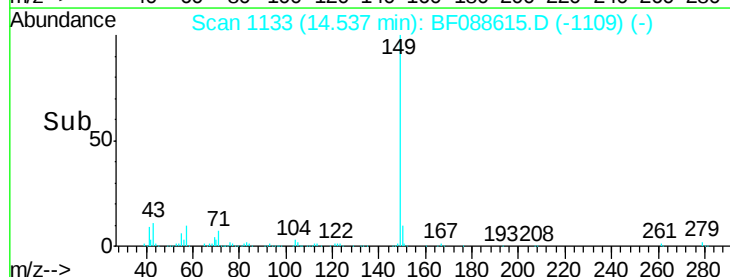
43 9.8 0.0 0.0#

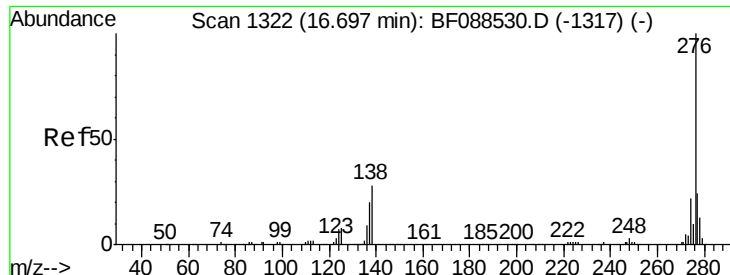


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

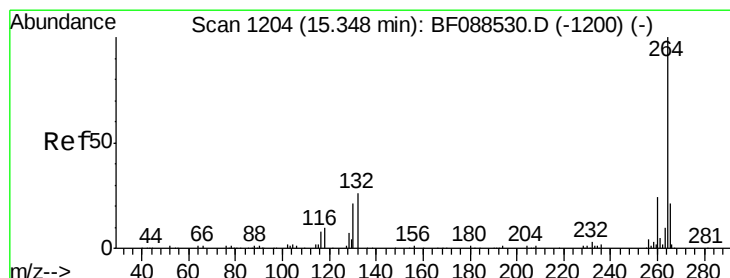
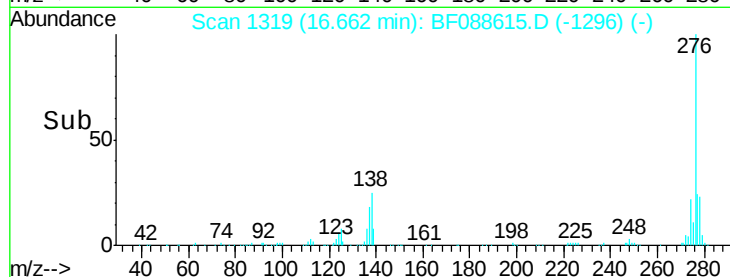
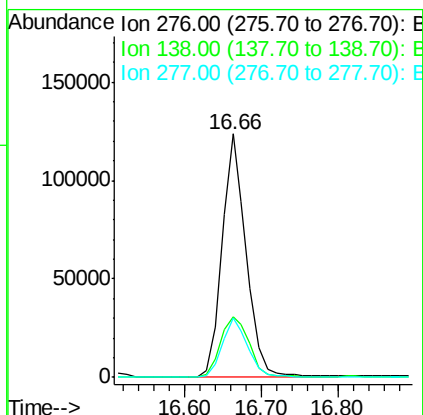
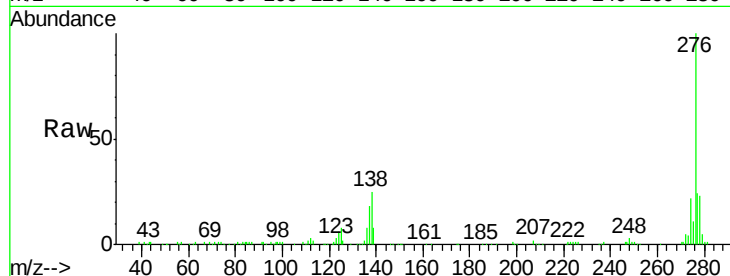




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.02 ng
 RT: 16.66 min Scan# 1319
 Delta R.T. -0.03 min
 Lab File: BF088615.D
 Acq: 2 Jul 2016 14:15

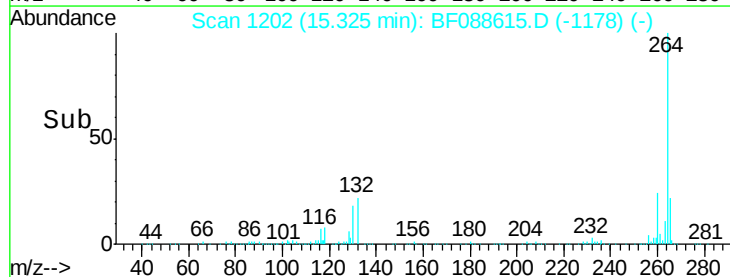
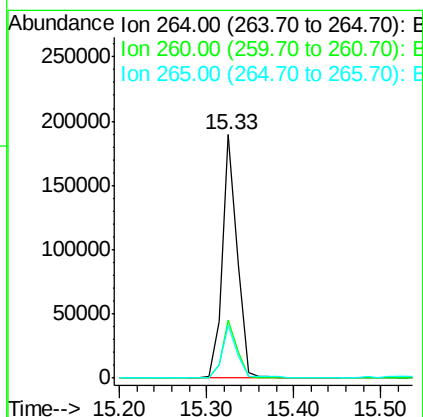
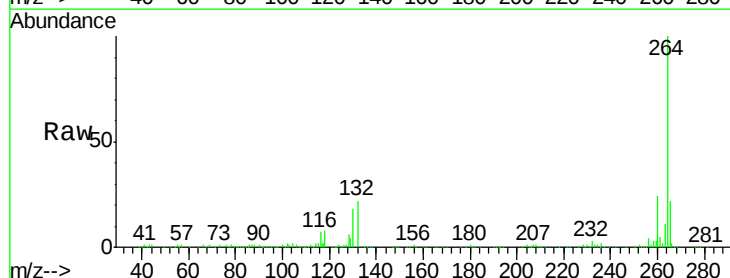
Instrument :
 BNA_F
 ClientSampleId :
 K8-B2(0-11)CMSD

Tgt Ion: 276 Resp: 274124
 Ion Ratio Lower Upper
 276 100
 138 29.8 0.0 0.0#
 277 25.7 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: BF088615.D
 Acq: 2 Jul 2016 14:15

Tgt Ion: 264 Resp: 228173
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.8 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 38.20 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

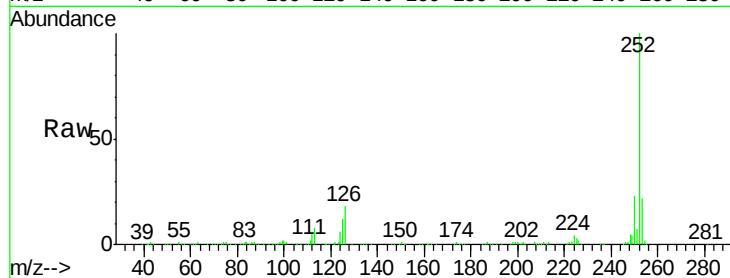
Tgt Ion:252 Resp: 546751

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

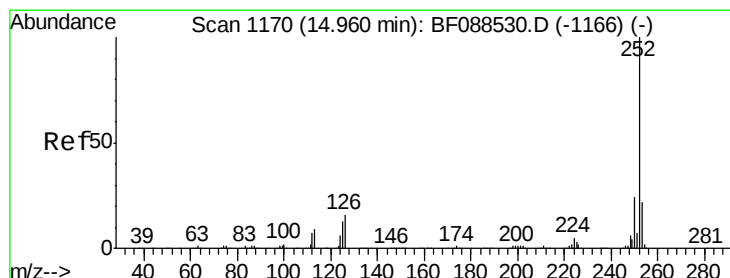
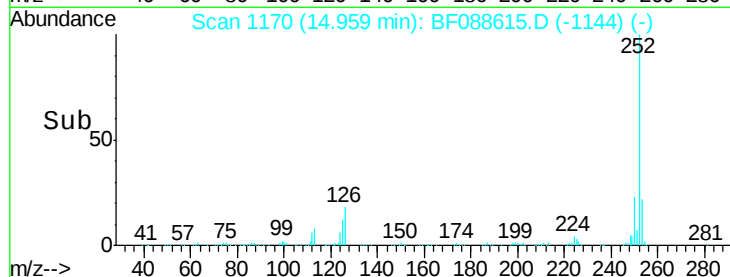
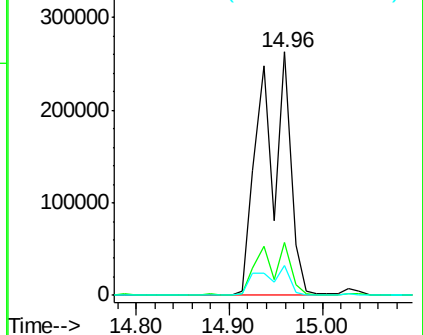
125 12.4 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.88 ng

RT: 14.96 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

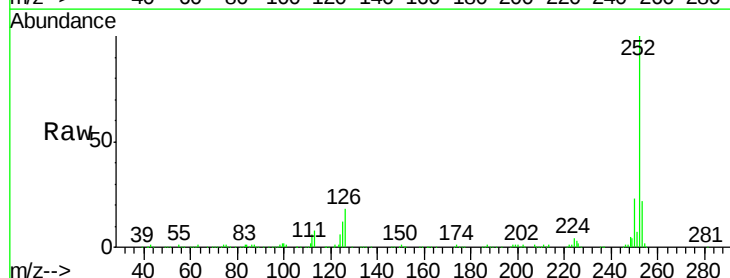
Tgt Ion:252 Resp: 546751

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

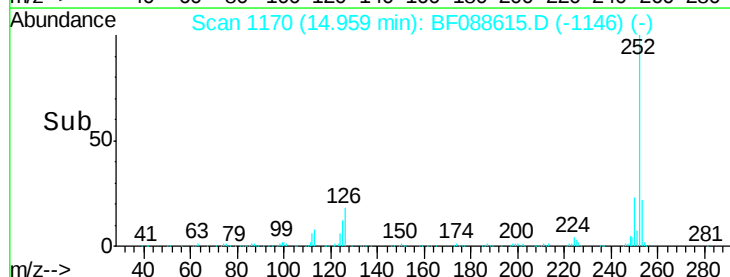
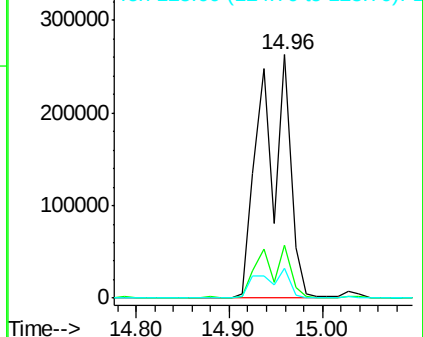
125 12.4 11.2 16.8

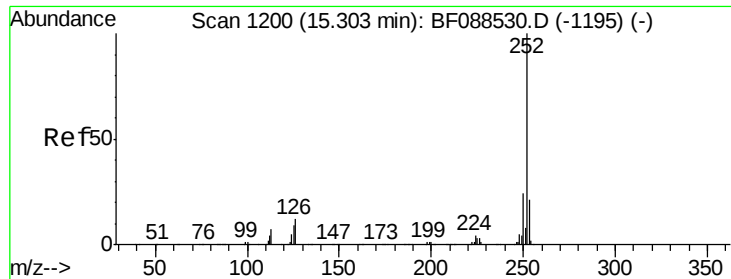


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.93 ng

RT: 15.27 min Scan# 1197

Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD

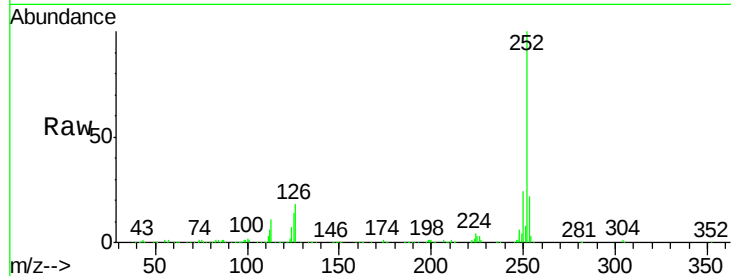
Tgt Ion:252 Resp: 265735

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

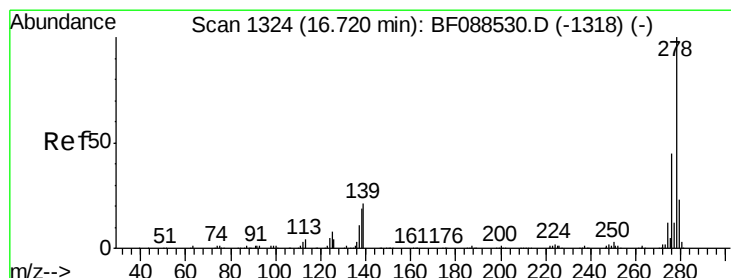
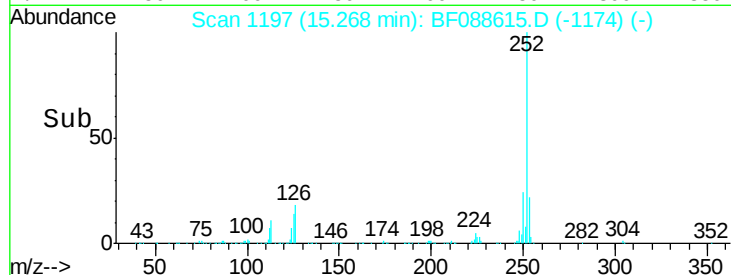
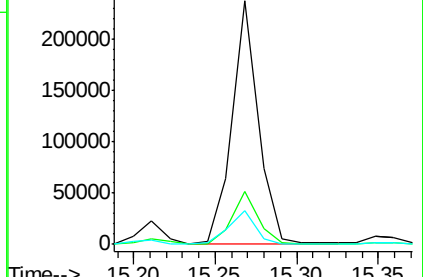
125 14.1 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 22.28 ng

RT: 16.69 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF088615.D

Acq: 2 Jul 2016 14:15

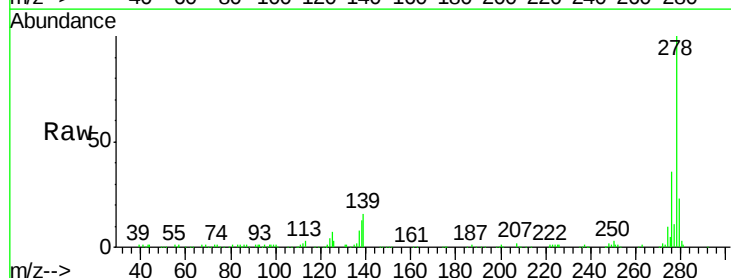
Tgt Ion:278 Resp: 225451

Ion Ratio Lower Upper

278 100

139 16.3 15.7 23.5

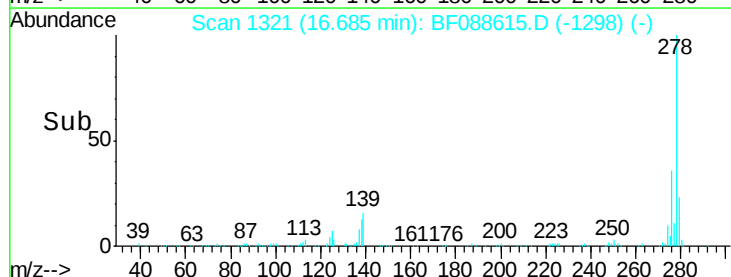
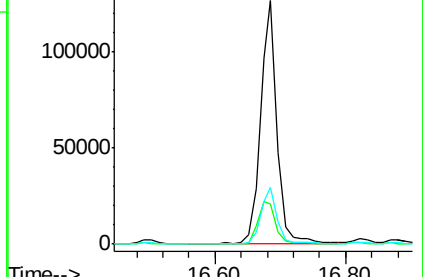
279 23.5 19.4 29.2



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: 20.73 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.05 min

Lab File: BF088615.D

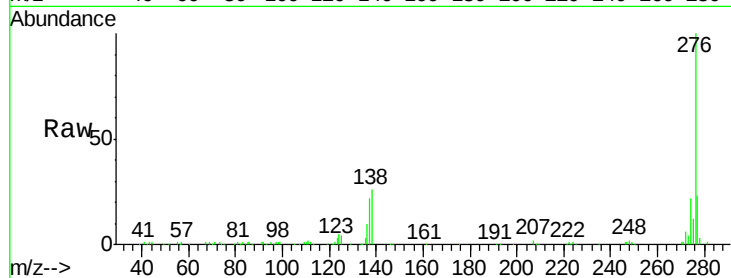
Acq: 2 Jul 2016 14:15

Instrument :

BNA_F

ClientSampleId :

K8-B2(0-11)CMSD



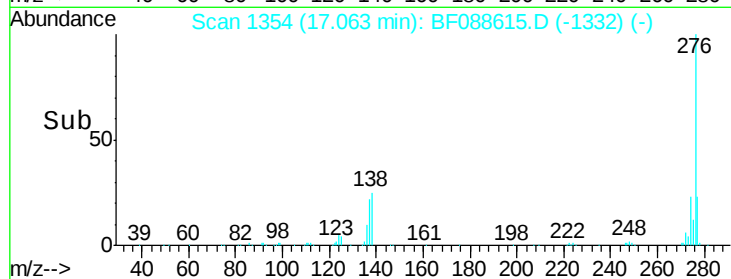
Tgt Ion: 276 Resp: 217054

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 25.8 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

