

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088388.D
 Acq On : 25 Jun 2016 20:37
 Operator : UM/SJ
 Sample : H3602-09MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

Quant Time: Jun 26 01:59:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	76759	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	311679	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	135283	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	216838	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	142681	20.00	ng	-0.06
86) Perylene-d12	15.05	264	126484	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	463529	103.24	ng	-0.02
7) Phenol-d6	6.24	99	562261	103.33	ng	-0.02
23) Nitrobenzene-d5	7.14	82	346485	64.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	120009	84.01	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	651180	74.96	ng	-0.05
78) Terphenyl-d14	12.65	244	450039	71.77	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	53876	24.69	ng	# 15
3) Pyridine	2.65	79	128224	24.89	ng	90
4) n-Nitrosodimethylamine	2.60	42	60127	27.56	ng	# 77
6) Aniline	6.23	93	121664	15.71	ng	# 86
8) 2-Chlorophenol	6.35	128	192251	36.17	ng	90
10) Phenol	6.25	94	243392	43.22	ng	95
11) bis(2-Chloroethyl)ether	6.31	93	187920	39.38	ng	88
12) 1,3-Dichlorobenzene	6.73	146	157324	27.59	ng	98
13) 1,4-Dichlorobenzene	6.58	146	184393	32.10	ng	97
14) 1,2-Dichlorobenzene	6.58	146	187018	35.80	ng	99
15) Benzyl Alcohol	6.73	79	133706	31.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	175052	27.15	ng	# 1
17) 2-Methylphenol	6.86	107	139372	32.34	ng	# 89
18) Hexachloroethane	7.06	117	55646	27.30	ng	# 80
19) n-Nitroso-di-n-propylamine	6.99	70	115365	33.14	ng	91
20) 3+4-Methylphenols	7.02	107	183677	36.53	ng	# 79
22) Acetophenone	6.99	105	259125	37.20	ng	# 95
24) Nitrobenzene	7.16	77	165941	32.10	ng	96
25) Isophorone	7.40	82	327213	33.10	ng	# 94
26) 2-Nitrophenol	7.47	139	90013	32.50	ng	93
27) 2,4-Dimethylphenol	7.53	122	145179	28.47	ng	91
28) bis(2-Chloroethoxy)methane	7.62	93	219109	35.73	ng	97
29) 2,4-Dichlorophenol	7.74	162	150779	35.41	ng	93
30) 1,2,4-Trichlorobenzene	7.79	180	149788	32.31	ng	99
31) Naphthalene	7.87	128	553019	35.85	ng	99
32) Benzoic acid	7.53	122	145179	51.70	ng	# 15
33) 4-Chloroaniline	7.94	127	101267	14.70	ng	95
34) Hexachlorobutadiene	7.99	225	77491	31.69	ng	98
35) Caprolactam	8.31	113	44766	31.74	ng	87
36) 4-Chloro-3-methylphenol	8.44	107	156797	34.44	ng	93
37) 2-Methylnaphthalene	8.66	142	331439	32.60	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	146093	39.96	ng	# 1
42) 2,4,6-Trichlorophenol	8.86	196	92987	34.37	ng	97
43) 2,4,5-Trichlorophenol	8.90	196	93502	33.22	ng	# 82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.03	154	421145	40.91	ng	98
46) 2-Chloronaphthalene	9.05	162	321185	36.69	ng	97
47) 2-Nitroaniline	9.16	65	89961	34.84	ng	# 61
48) Acenaphthylene	9.46	152	471492	33.86	ng	98
49) Dimethylphthalate	9.34	163	429321	43.81	ng	99
50) 2,6-Dinitrotoluene	9.40	165	81365	36.25	ng	94
51) Acenaphthene	9.63	154	279691	32.20	ng	99
52) 3-Nitroaniline	9.58	138	71483	27.60	ng	84
54) Dibenzofuran	9.80	168	400227	33.46	ng	95
55) 4-Nitrophenol	9.80	139	237370	118.10	ng	# 13
56) 2,4-Dinitrotoluene	9.80	165	90077	31.23	ng	# 44
57) Fluorene	10.14	166	292437	35.11	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	70353	31.81	ng	# 57
59) Diethylphthalate	10.03	149	384926	38.80	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	139603	35.09	ng	97
61) 4-Nitroaniline	10.19	138	78344	31.89	ng	92
62) Azobenzene	10.30	77	329738	33.61	ng	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	5127	5.78	ng	78
65) n-Nitrosodiphenylamine	10.26	169	295364	41.05	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	86559	37.21	ng	92
67) Hexachlorobenzene	10.68	284	83529	34.56	ng	92
68) Atrazine	10.80	200	81830	37.56	ng	99
69) Pentachlorophenol	10.89	266	56737	44.53	ng	98
70) Phenanthrene	11.10	178	397692	34.95	ng	98
71) Anthracene	11.14	178	423445	36.89	ng	99
72) Carbazole	11.31	167	394815	36.76	ng	98
73) Di-n-butylphthalate	11.64	149	533986	39.27	ng	98
74) Fluoranthene	12.27	202	364357	30.34	ng	99
76) Benzidine	12.41	184	166575	42.16	ng	98
77) Pyrene	12.50	202	375234	35.44	ng	98
79) Butylbenzylphthalate	13.13	149	194614	41.58	ng	95
80) Benzo(a)anthracene	13.68	228	289044	35.55	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	86720	39.66	ng	# 97
82) Chrysene	13.72	228	323883	42.34	ng	97
83) Bis(2-ethylhexyl)phthalate	13.69	149	255623	44.86	ng	# 98
84) Di-n-octyl phthalate	14.30	149	443313	47.88	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.27	276	239782	33.74	ng	# 100
87) Benzo(b)fluoranthene	14.68	252	540174	61.27	ng	# 97
88) Benzo(k)fluoranthene	14.68	252	540174	81.23	ng	97
89) Benzo(a)pyrene	14.99	252	253289	35.51	ng	98
90) Dibenzo(a,h)anthracene	16.29	278	204930	30.93	ng	95
91) Benzo(g,h,i)perylene	16.65	276	195724	28.72	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

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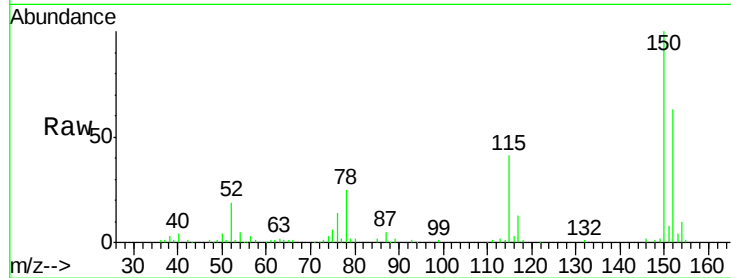
Tgt Ion:152 Resp: 76759

Ion Ratio Lower Upper

152 100

150 158.0 123.8 185.6

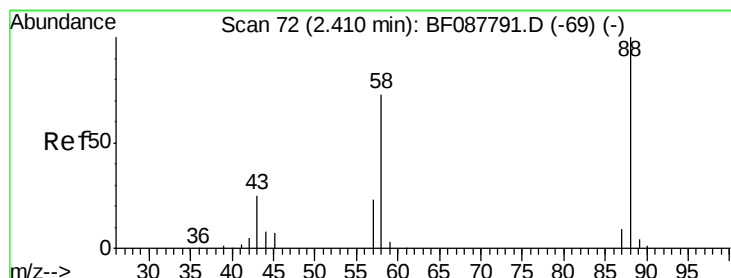
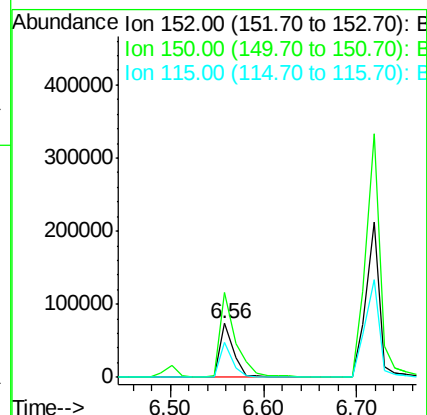
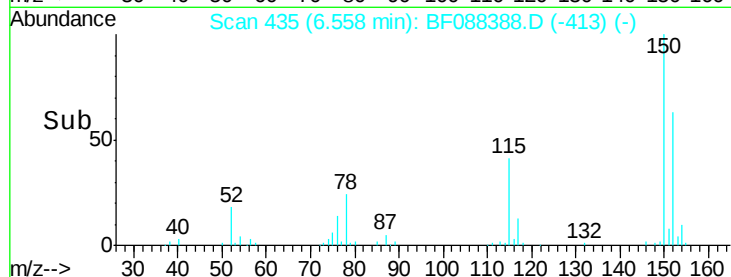
115 64.5 39.6 59.4#



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: 24.69 ng

RT: 2.01 min Scan# 37

Delta R.T. -0.01 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

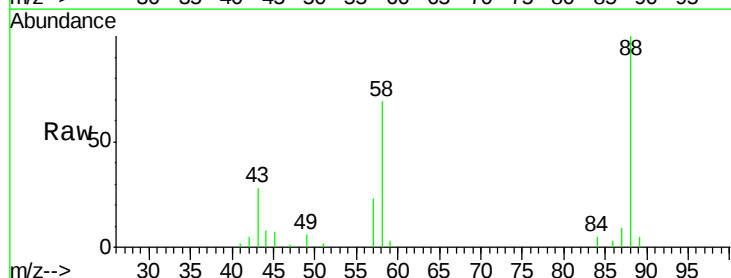
Tgt Ion: 88 Resp: 53876

Ion Ratio Lower Upper

88 100

58 67.0 0.0 0.0#

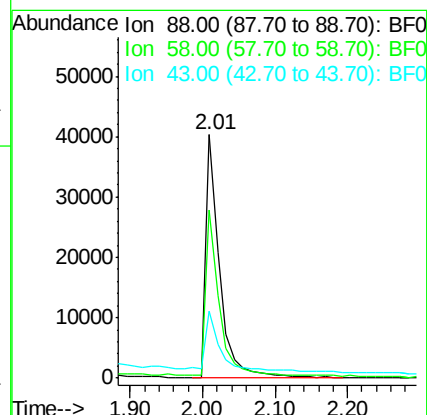
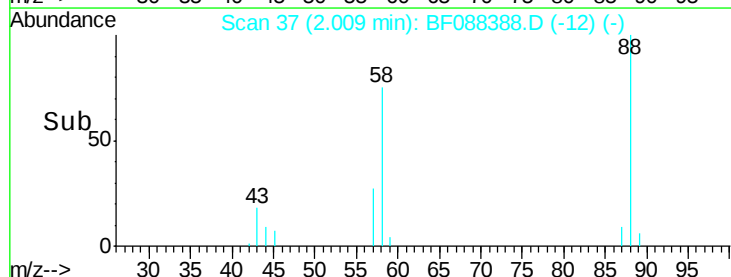
43 32.2 3.4 5.2#

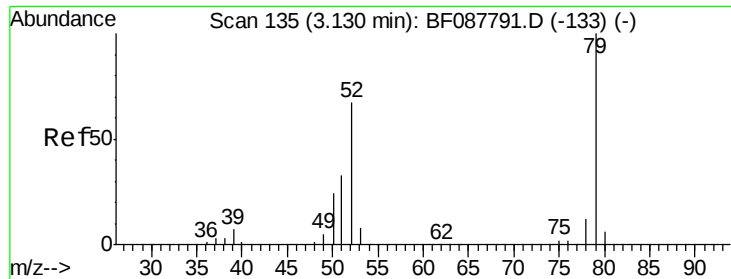


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.89 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.02 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

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ClientSampleId :

PB-B1(0-12)CMS

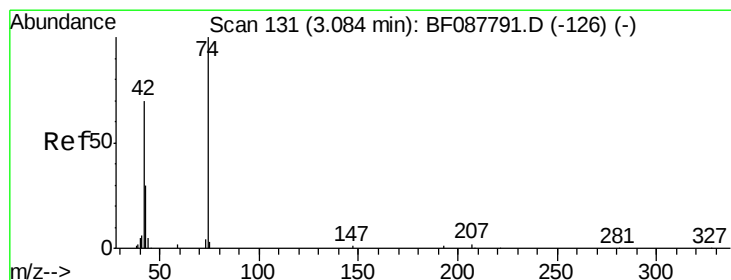
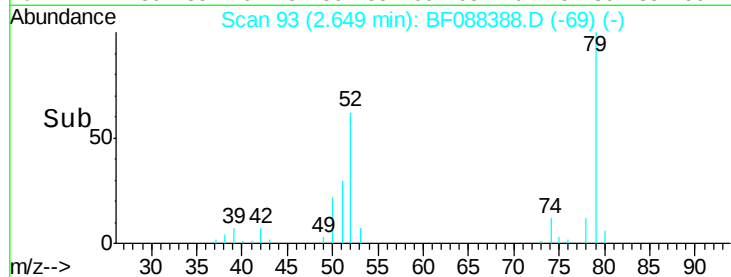
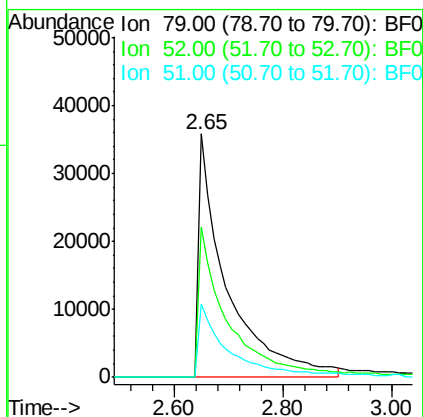
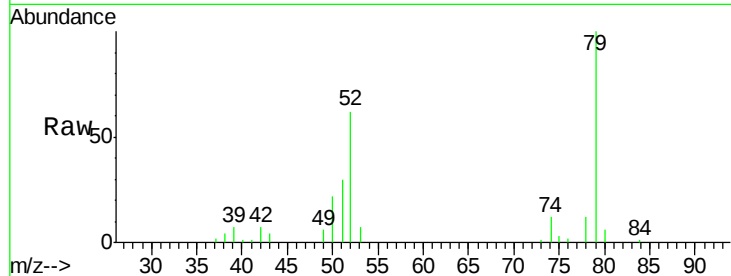
Tgt Ion: 79 Resp: 128224

Ion Ratio Lower Upper

79 100

52 61.6 56.3 84.5

51 30.1 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 27.56 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.02 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

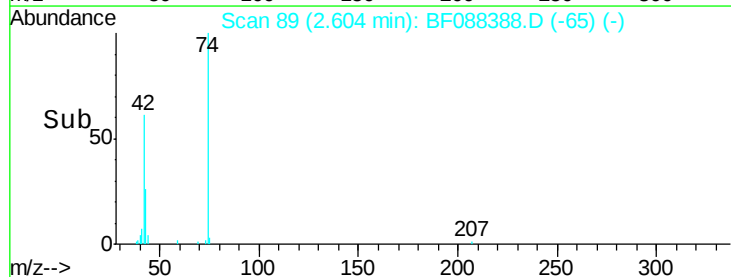
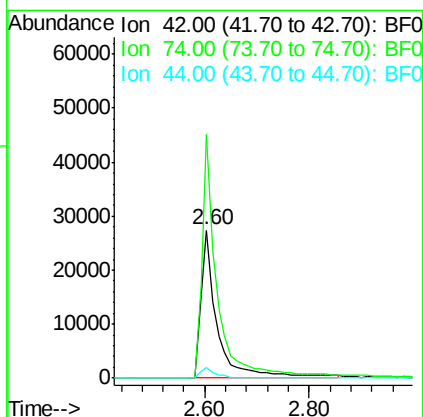
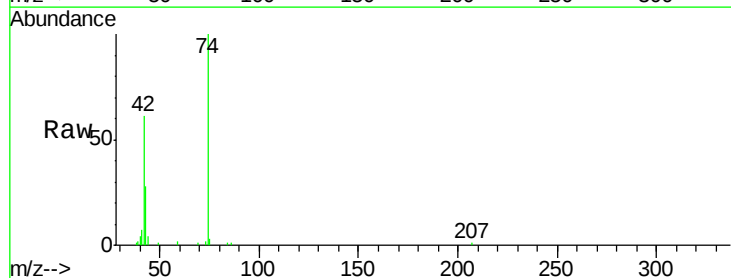
Tgt Ion: 42 Resp: 60127

Ion Ratio Lower Upper

42 100

74 164.6 108.6 163.0#

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 103.24 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

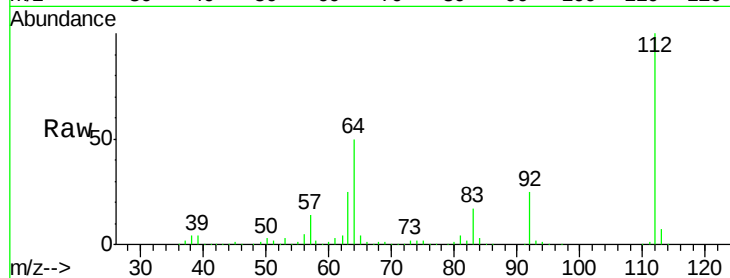
Tgt Ion: 112 Resp: 463529

Ion Ratio Lower Upper

112 100

64 49.8 42.2 63.2

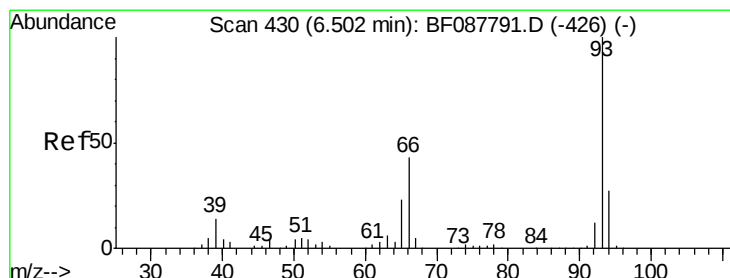
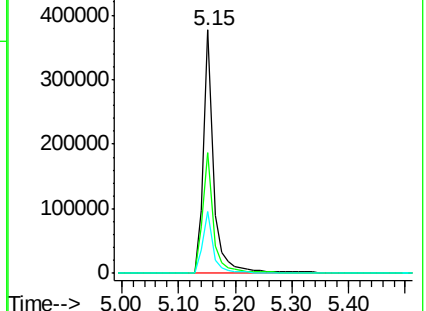
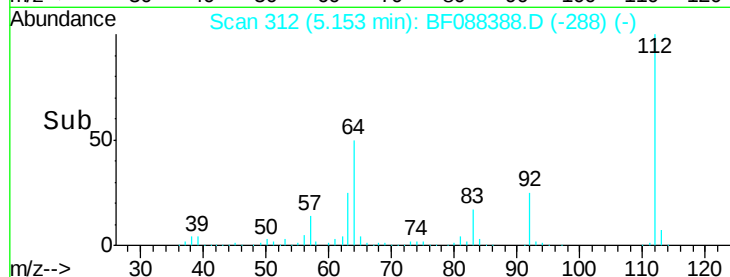
63 25.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.71 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

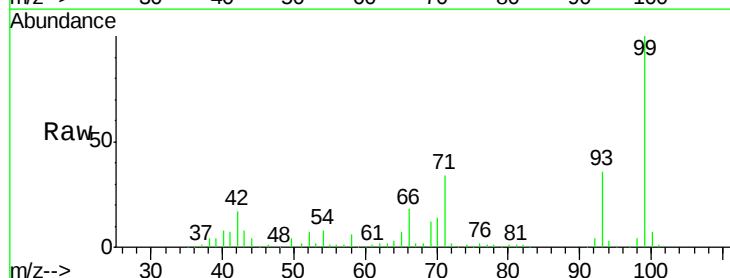
Tgt Ion: 93 Resp: 121664

Ion Ratio Lower Upper

93 100

66 48.5 29.8 44.8#

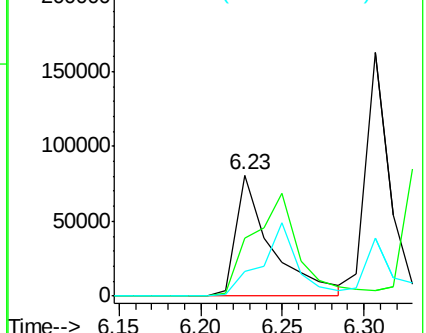
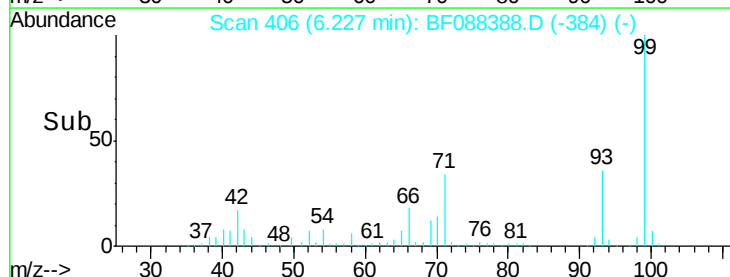
65 20.3 14.9 22.3

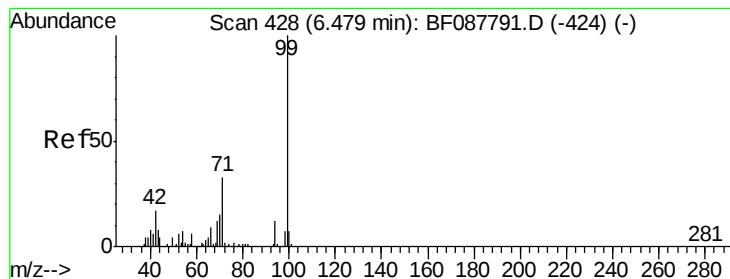


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.33 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088388.D

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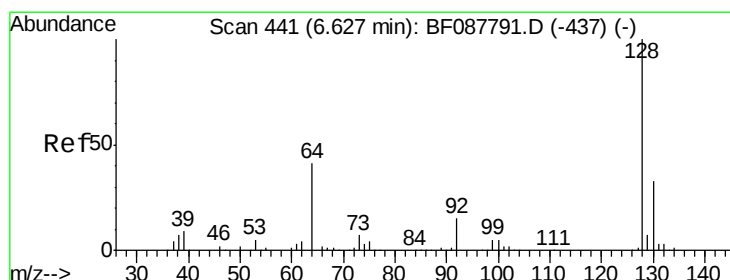
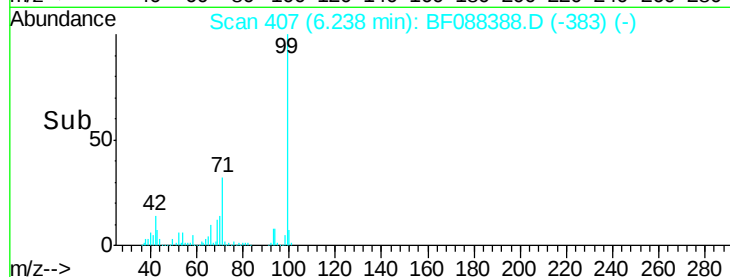
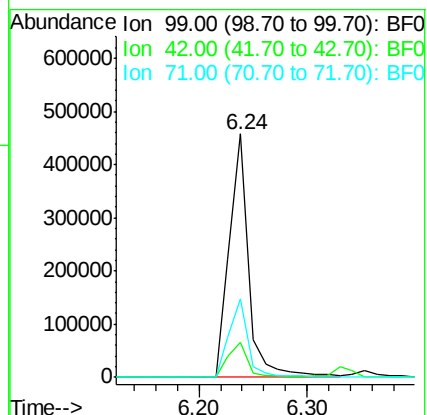
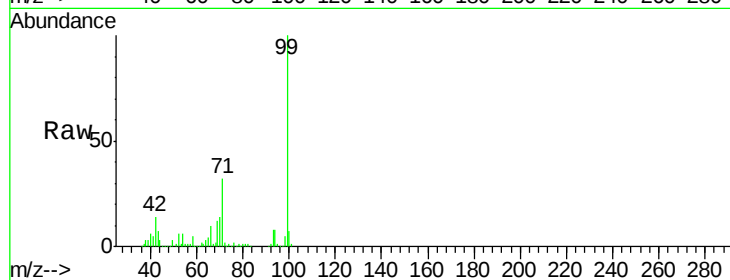
Tgt Ion: 99 Resp: 562261

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

71 32.4 23.4 35.0



#8

2-Chlorophenol

Concen: 36.17 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

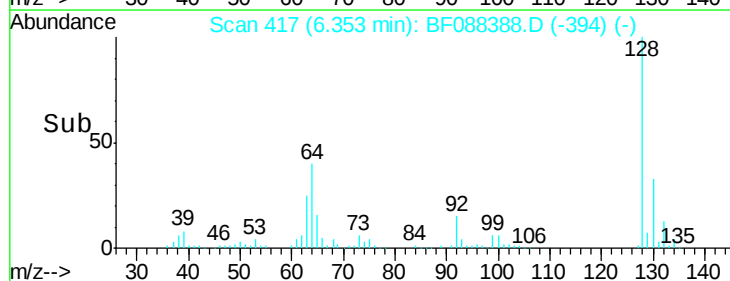
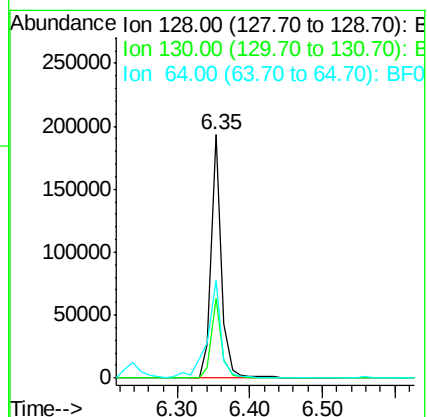
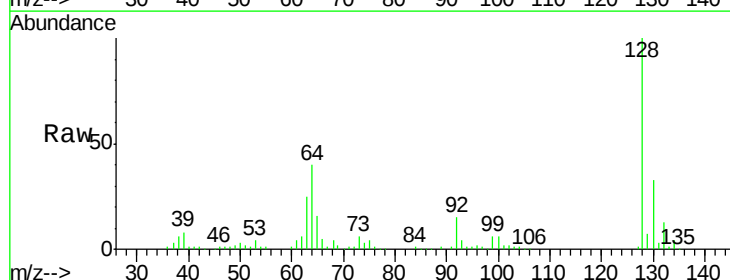
Tgt Ion: 128 Resp: 192251

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 40.0 30.8 70.8





#10

Phenol

Concen: 43.22 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088388.D

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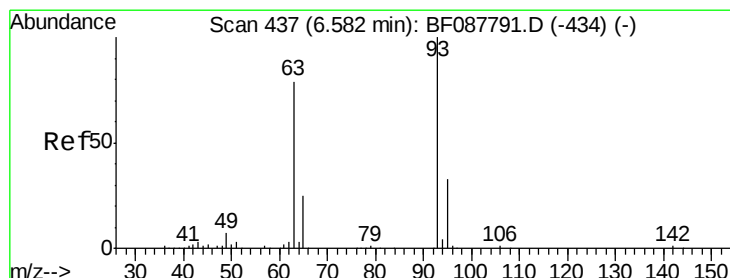
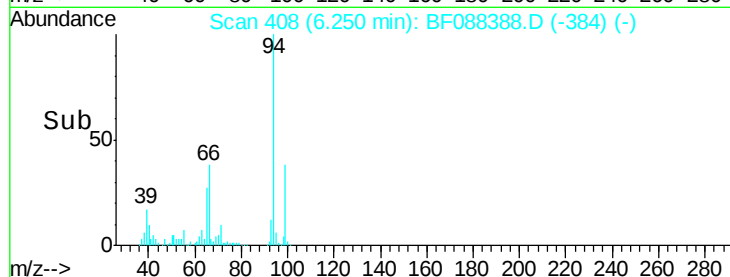
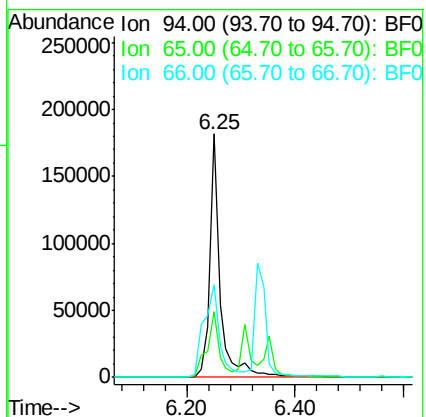
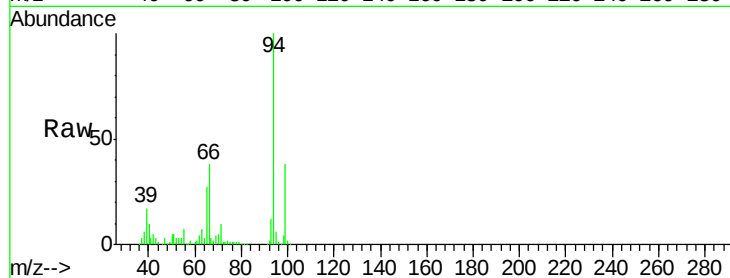
Tgt Ion: 94 Resp: 243392

Ion Ratio Lower Upper

94 100

65 27.0 5.9 45.9

66 37.9 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

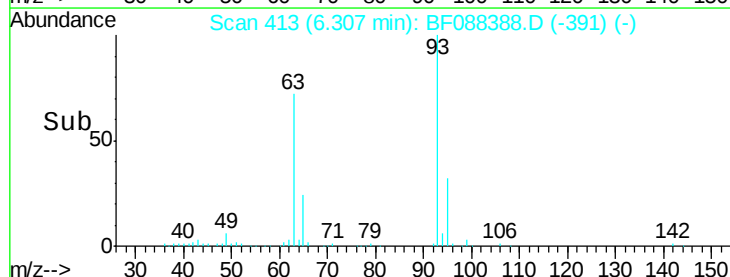
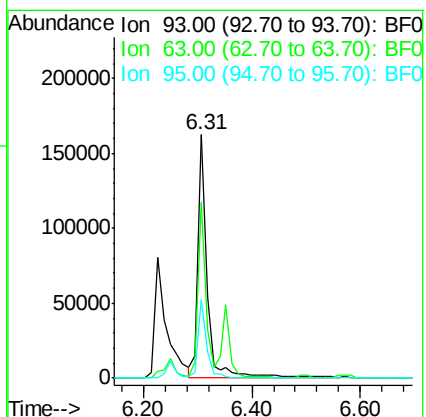
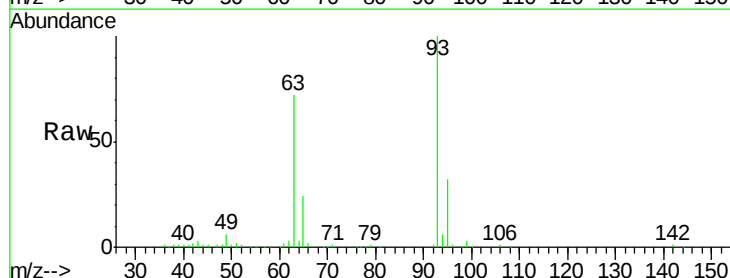
Tgt Ion: 93 Resp: 187920

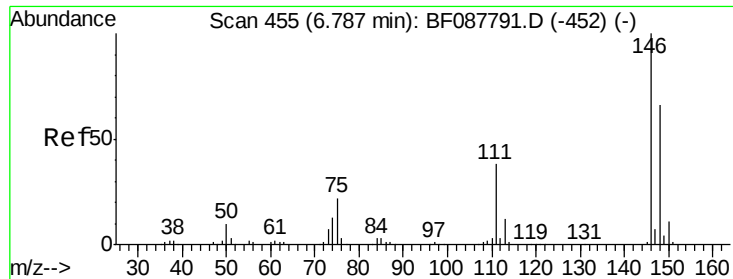
Ion Ratio Lower Upper

93 100

63 72.4 67.6 107.6

95 32.3 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 27.59 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.19 min

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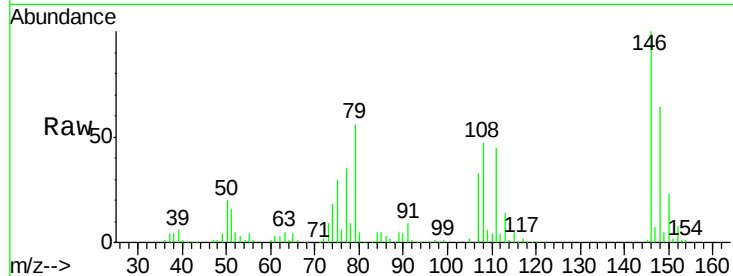
Tgt Ion:146 Resp: 157324

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

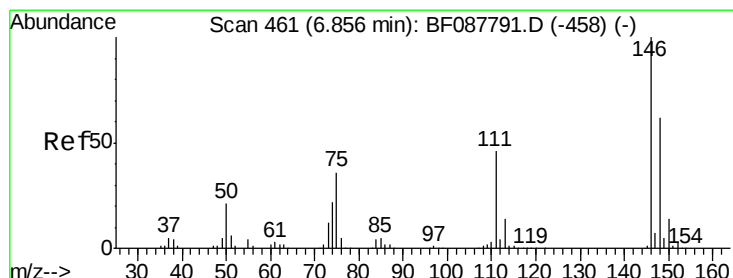
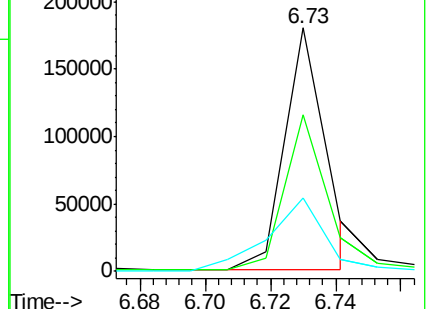
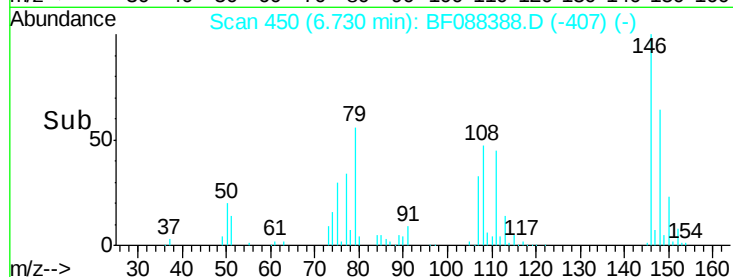
75 30.1 25.6 38.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 32.10 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

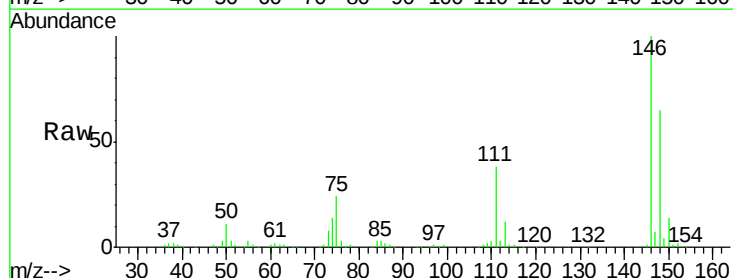
Tgt Ion:146 Resp: 184393

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

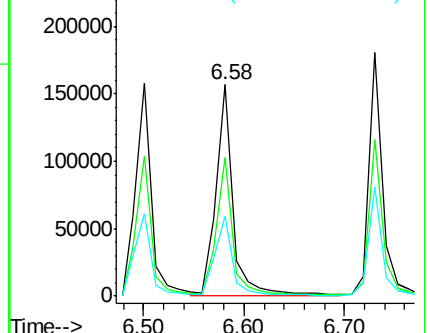
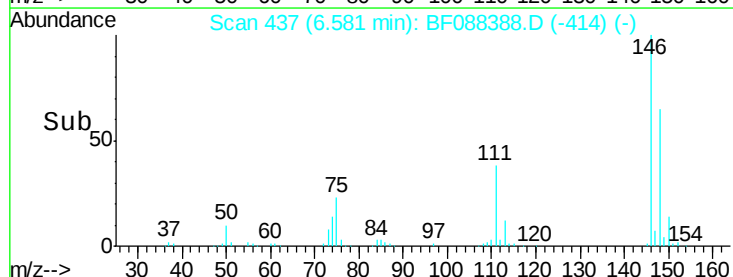
111 37.5 33.8 50.8

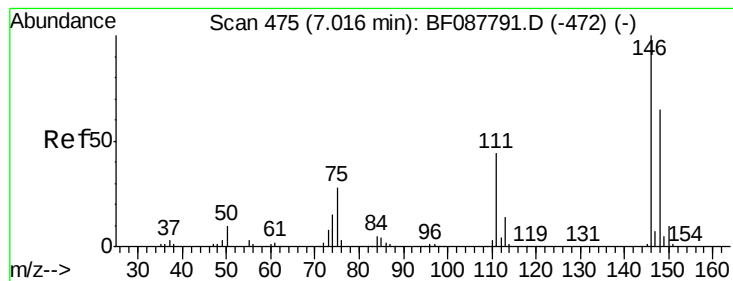


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 35.80 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.19 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

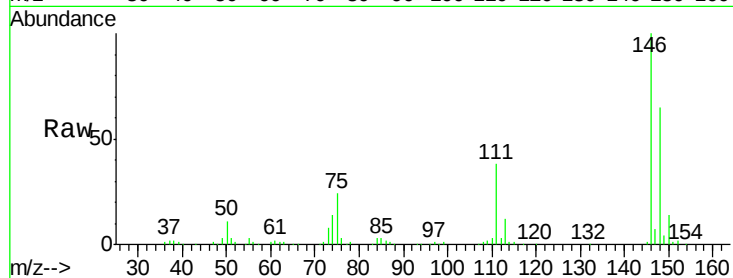
Tgt Ion:146 Resp: 187018

Ion Ratio Lower Upper

146 100

148 65.4 52.3 78.5

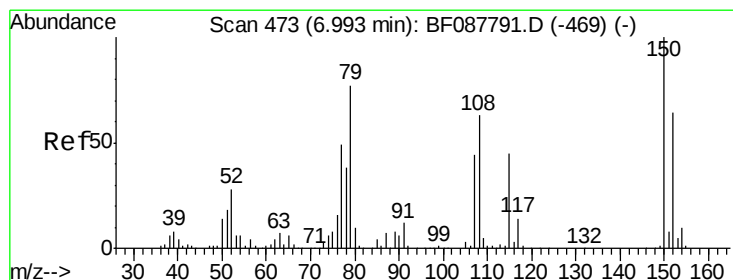
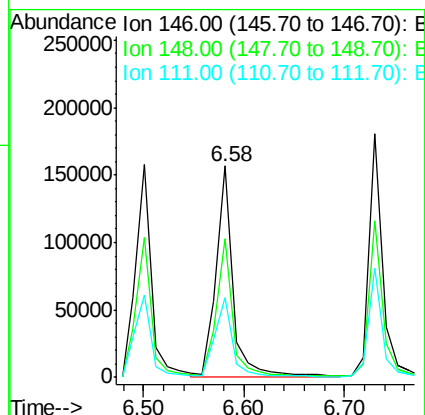
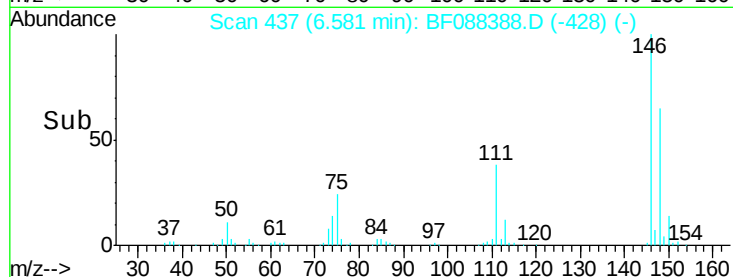
111 37.5 28.7 43.1



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: 31.41 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

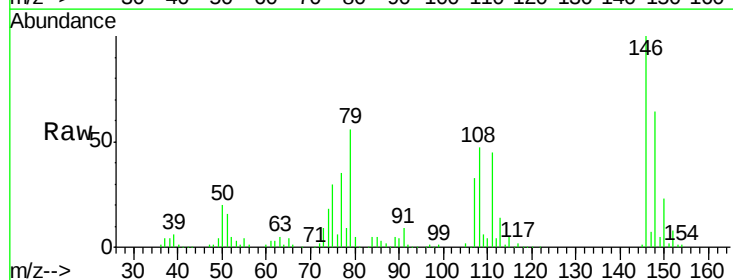
Tgt Ion: 79 Resp: 133706

Ion Ratio Lower Upper

79 100

108 83.9 65.0 97.6

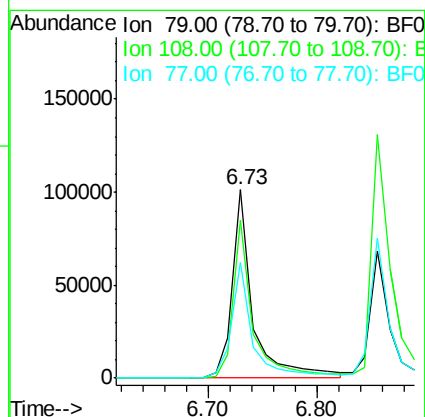
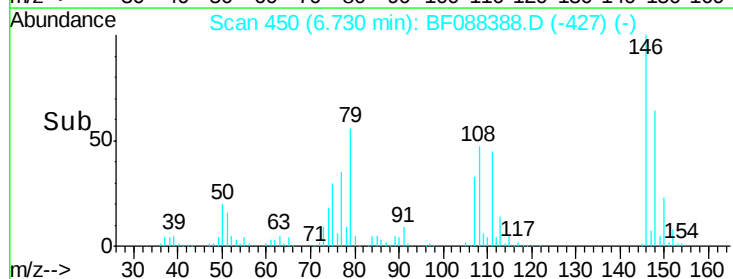
77 61.6 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

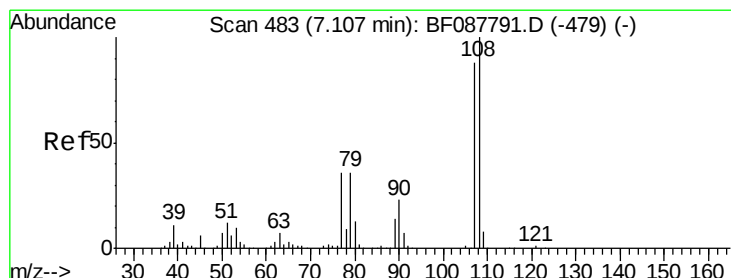
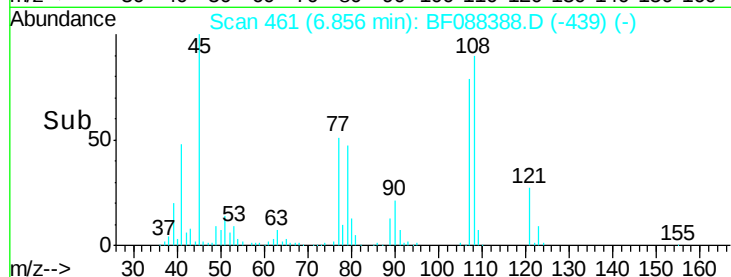
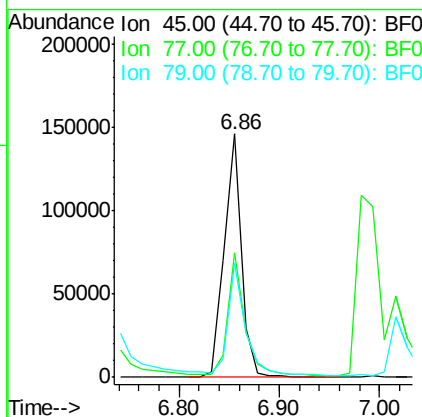
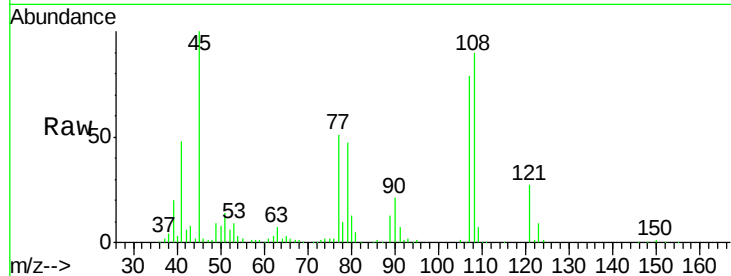




#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.15 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

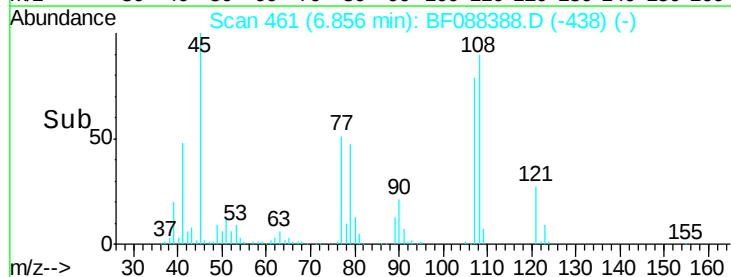
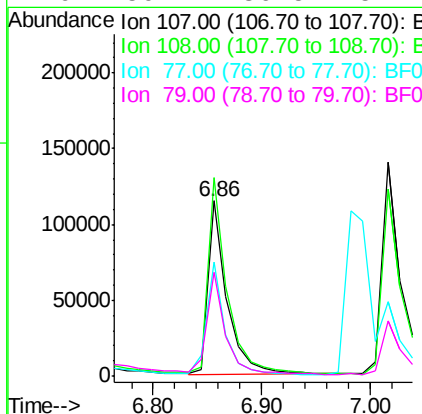
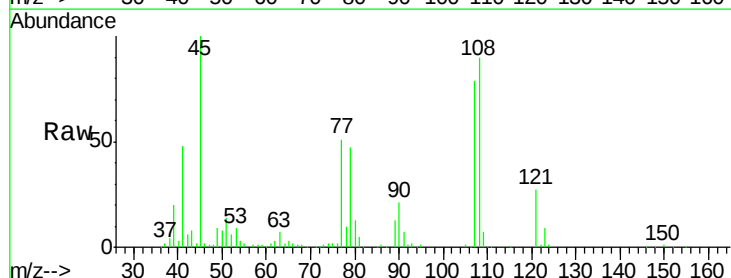
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

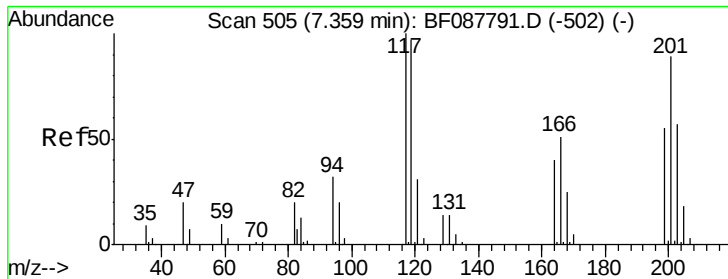
Tgt Ion: 45 Resp: 175052
Ion Ratio Lower Upper
45 100
77 51.3 0.0 32.5#
79 46.8 0.0 29.5#



#17
2-Methylphenol
Concen: 32.34 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion: 107 Resp: 139372
Ion Ratio Lower Upper
107 100
108 113.3 90.9 136.3
77 64.9 36.6 55.0#
79 59.2 36.5 54.7#

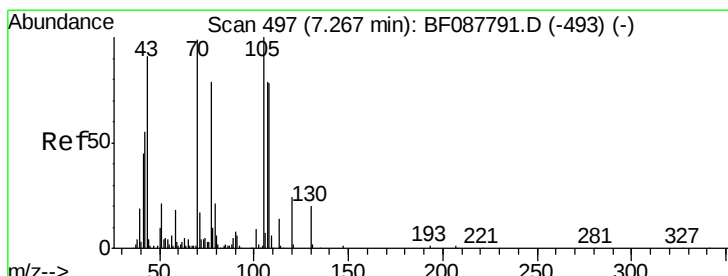
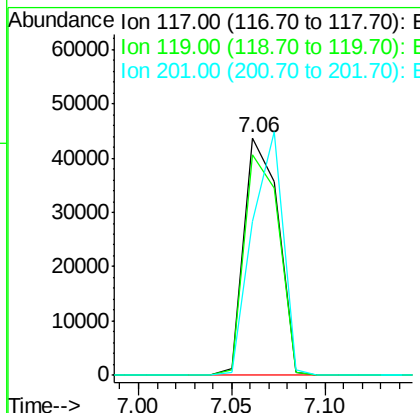
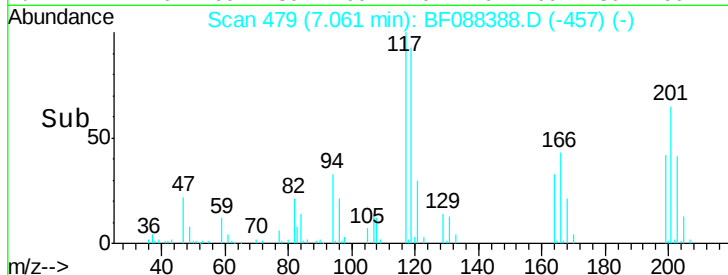
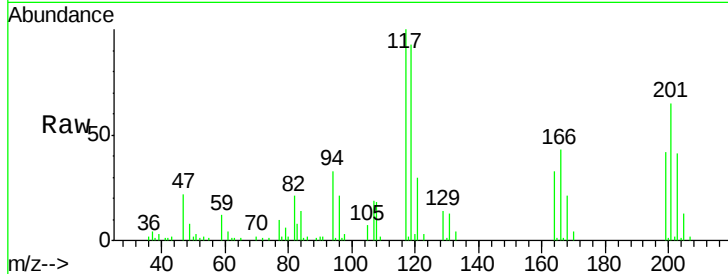




#18
Hexachloroethane
Concen: 27.30 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

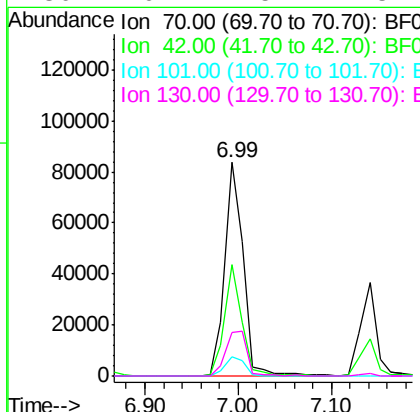
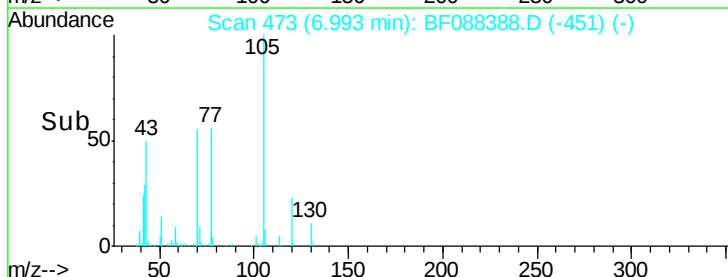
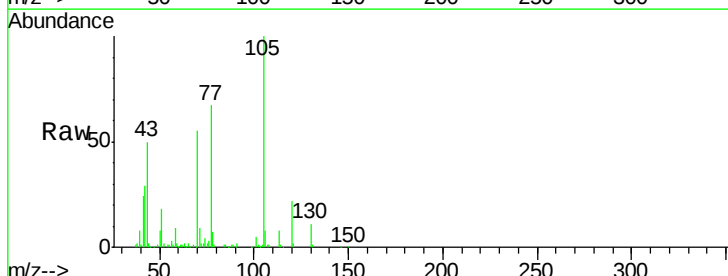
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

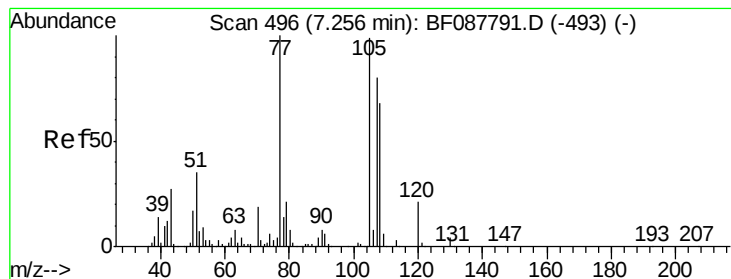
Tgt Ion: 117 Resp: 55646
Ion Ratio Lower Upper
117 100
119 93.2 77.4 116.2
201 64.8 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 33.14 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion: 70 Resp: 115365
Ion Ratio Lower Upper
70 100
42 52.3 49.6 74.4
101 9.2 7.1 10.7
130 20.4 15.4 23.2





#20

3+4-Methylphenols

Concen: 36.53 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

Tgt Ion:107 Resp: 183677

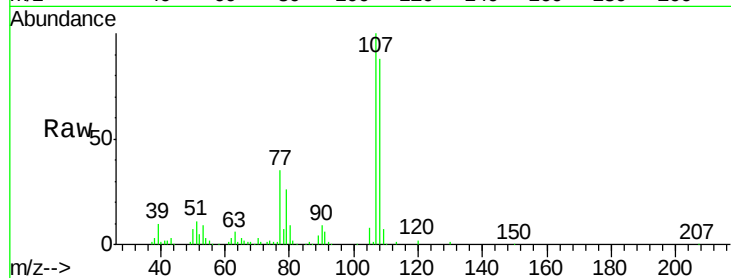
Ion Ratio Lower Upper

107 100

108 87.7 67.8 107.8

77 34.6 59.3 99.3#

79 25.9 7.0 47.0

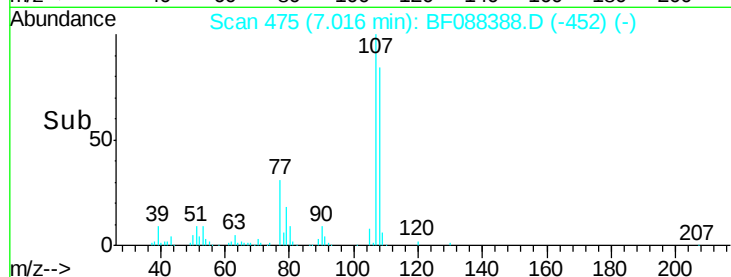


Abundance Ion 107.00 (106.70 to 107.70): E

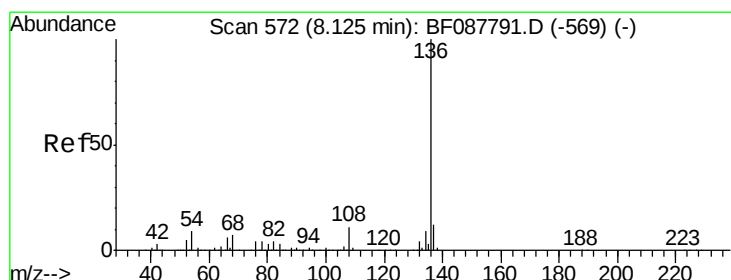
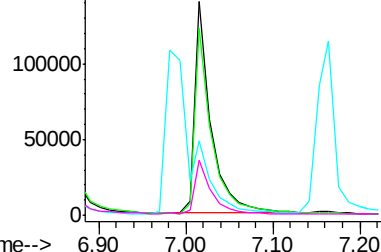
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Tgt Ion:136 Resp: 311679

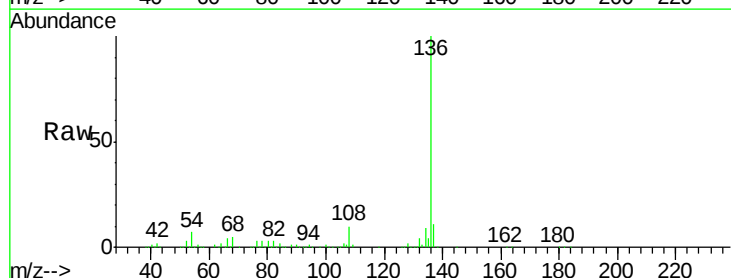
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.5 6.6 10.0#

68 5.3 5.1 7.7

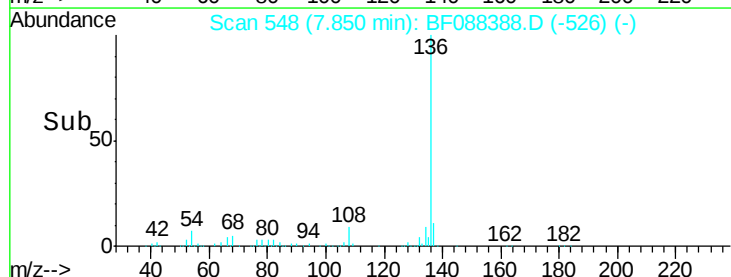


Abundance Ion 136.00 (135.70 to 136.70): E

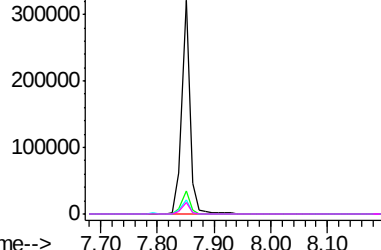
Ion 137.00 (136.70 to 137.70): E

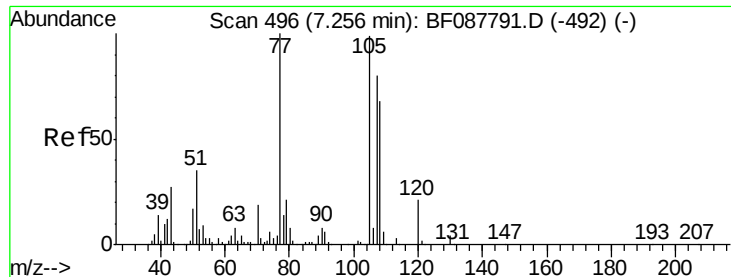
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->





#22

Acetophenone

Concen: 37.20 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

Tgt Ion:105 Resp: 259125

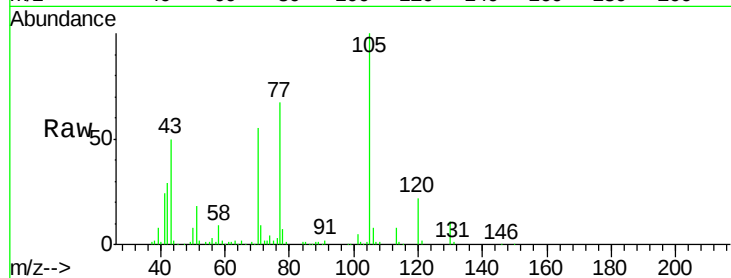
Ion Ratio Lower Upper

105 100

71 9.3 5.3 7.9#

51 18.2 18.2 27.4#

120 22.5 18.0 27.0

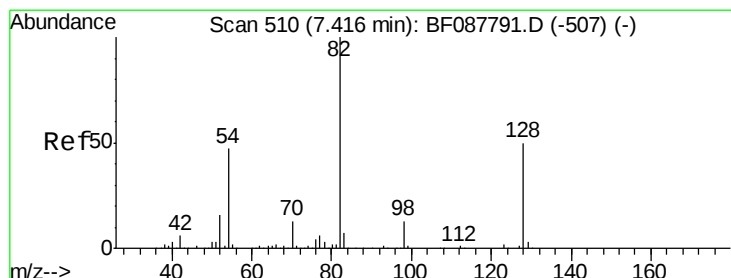
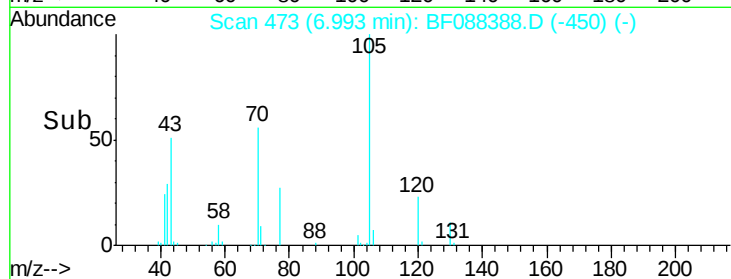
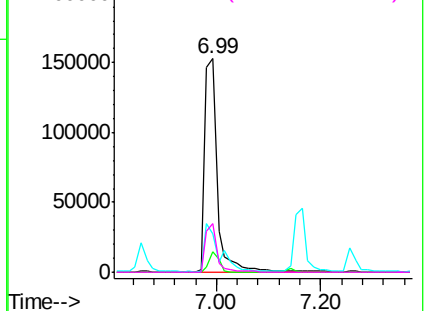


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 64.92 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

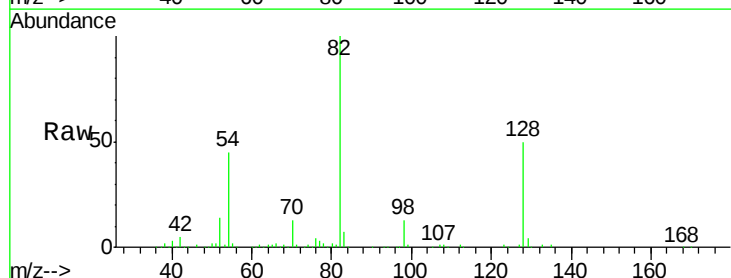
Tgt Ion: 82 Resp: 346485

Ion Ratio Lower Upper

82 100

128 49.8 35.9 53.9

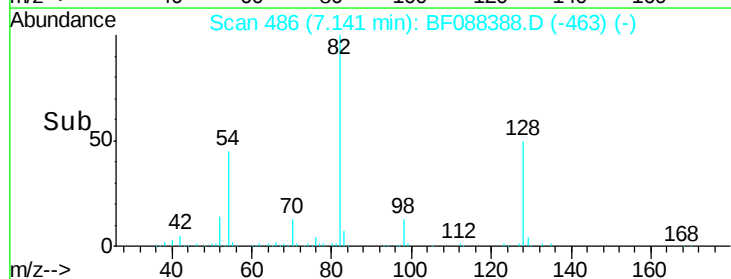
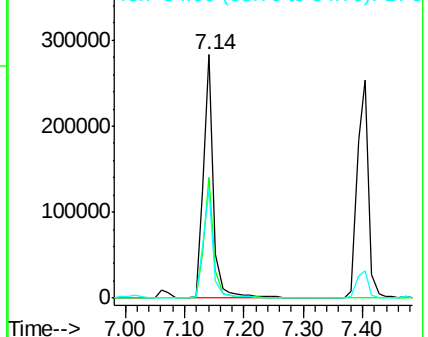
54 45.0 40.9 61.3

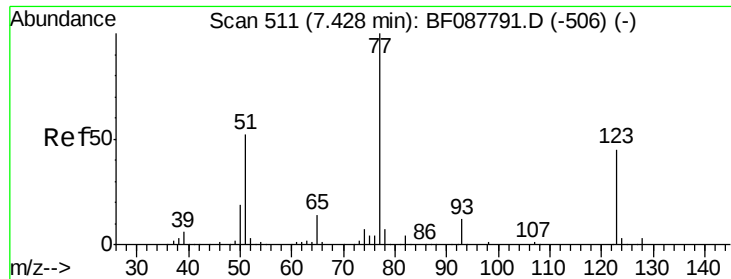


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 32.10 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

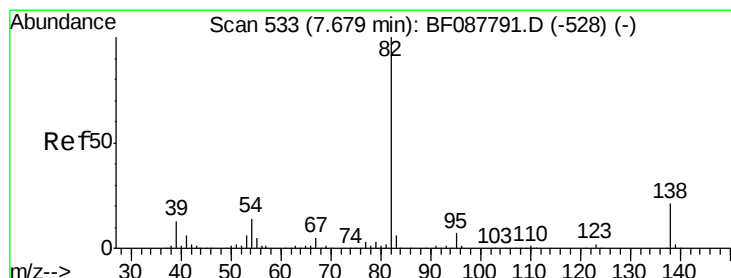
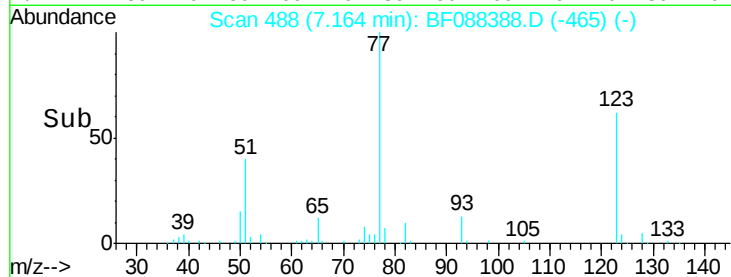
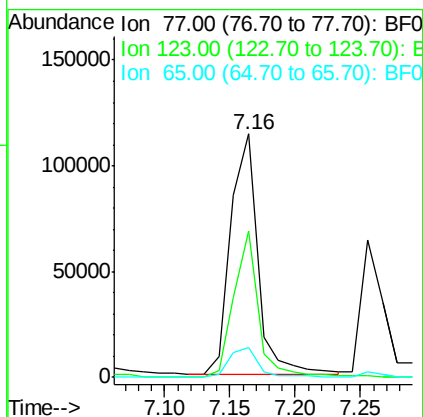
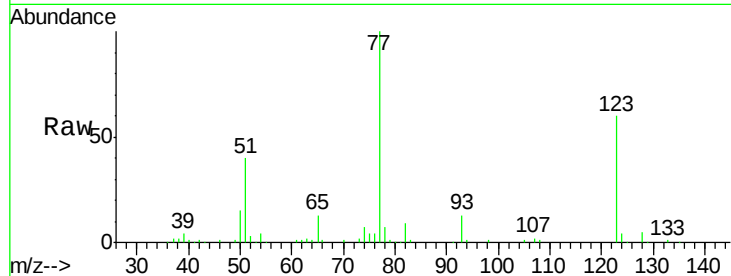
Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

Tgt Ion:	77	Resp:	165941
Ion	Ratio	Lower	Upper
77	100		
123	60.1	45.0	67.4
65	12.5	10.2	15.2



#25

Isophorone

Concen: 33.10 ng

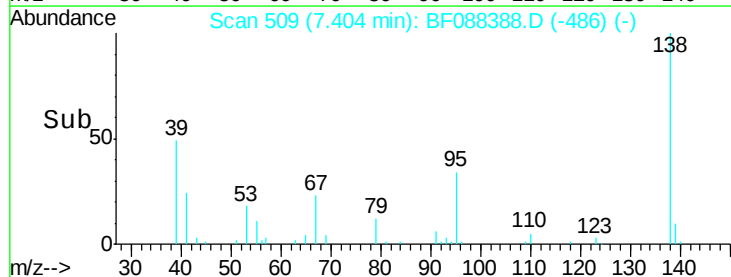
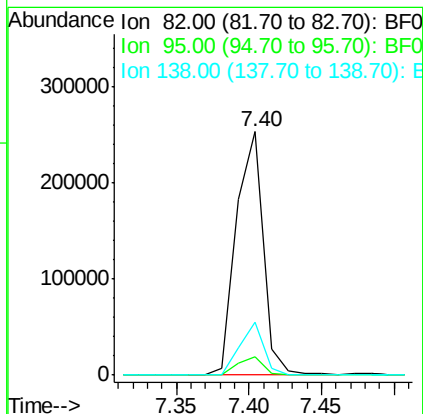
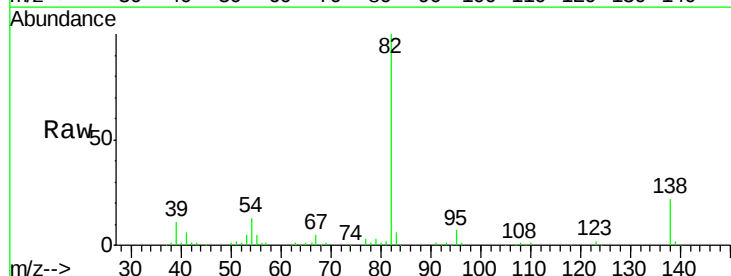
RT: 7.40 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Tgt Ion:	82	Resp:	327213
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.4	8.2
138	21.9	14.6	21.8#

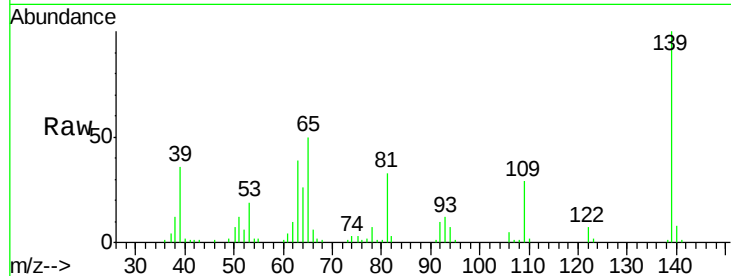




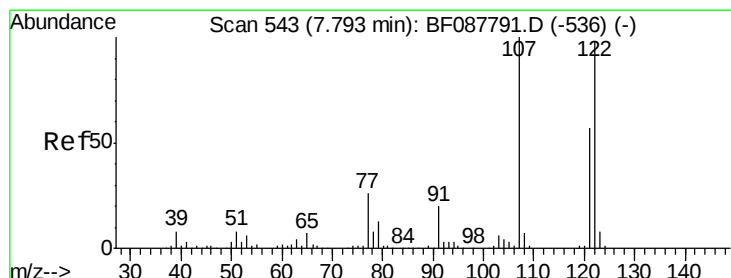
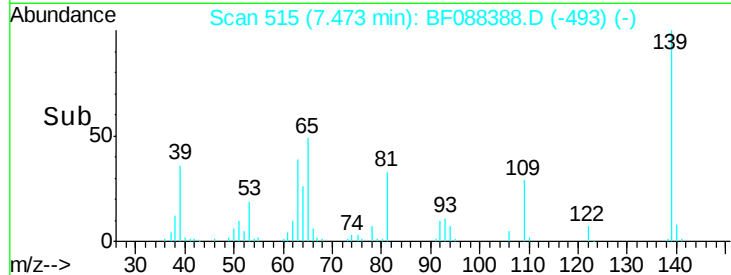
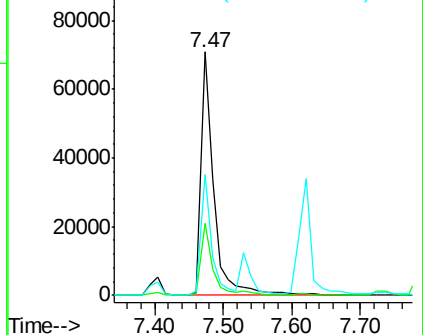
#26
 2-Nitrophenol
 Concen: 32.50 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

Tgt Ion:139 Resp: 90013
 Ion Ratio Lower Upper
 139 100
 109 29.5 23.0 34.4
 65 49.7 45.8 68.8

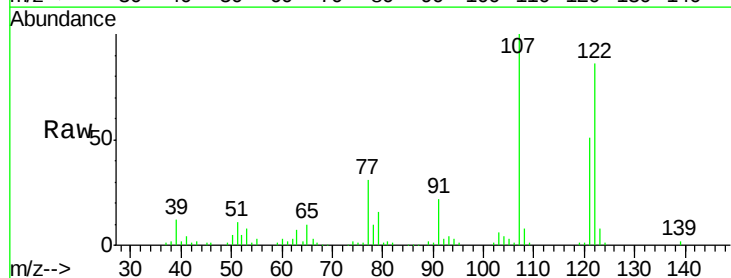


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

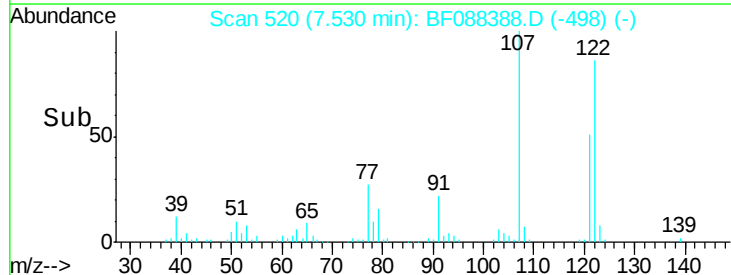
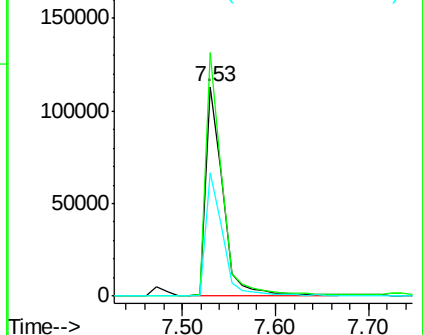


#27
 2,4-Dimethylphenol
 Concen: 28.47 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:122 Resp: 145179
 Ion Ratio Lower Upper
 122 100
 107 116.2 82.4 123.6
 121 59.0 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



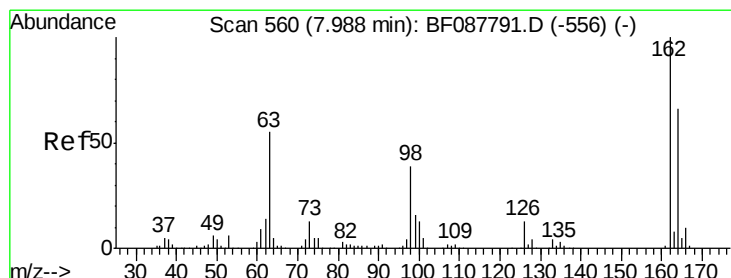
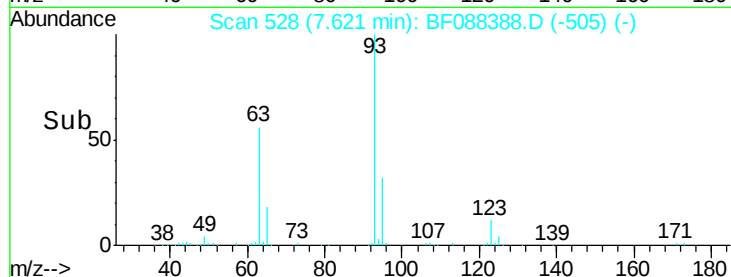
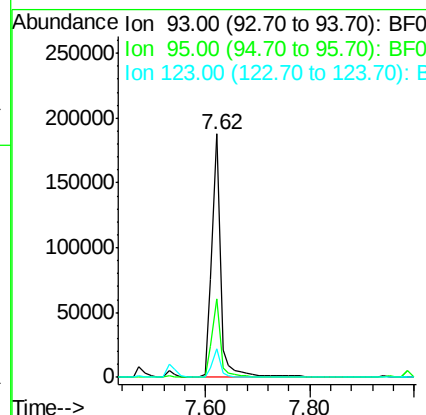
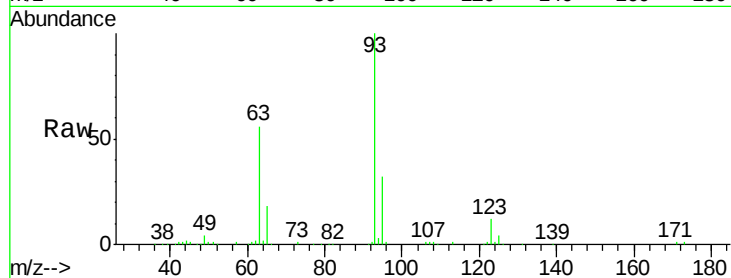


#28
bis(2-Chloroethoxy)methane
Concen: 35.73 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

Tgt Ion: 93 Resp: 219109

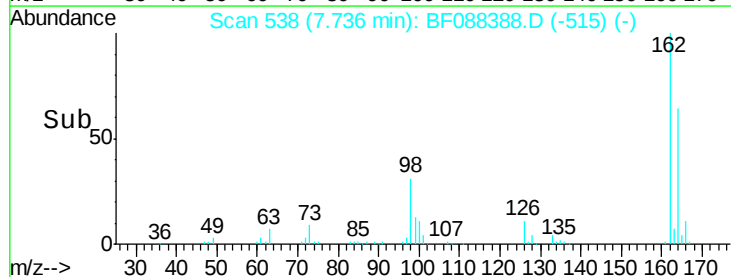
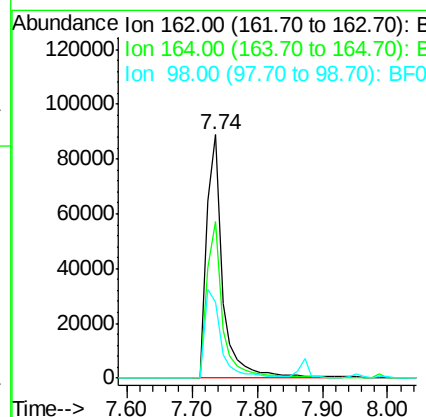
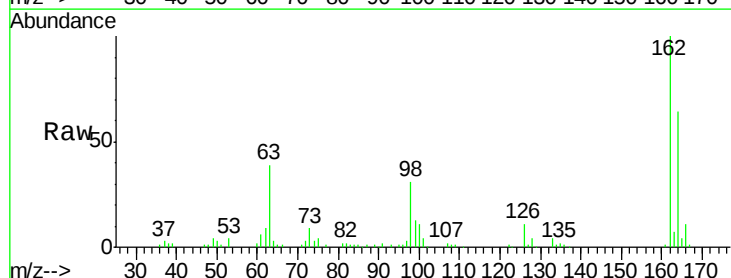
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	12.0	11.6	17.4

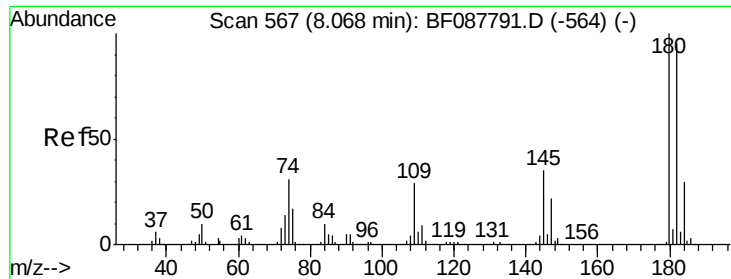


#29
2,4-Dichlorophenol
Concen: 35.41 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion: 162 Resp: 150779

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	31.0	21.3	61.3

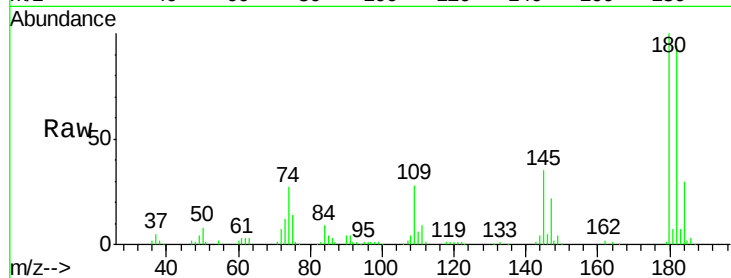




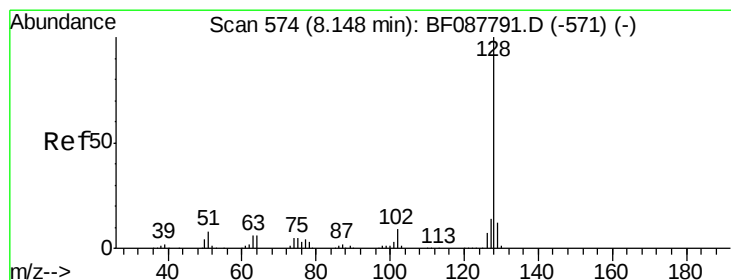
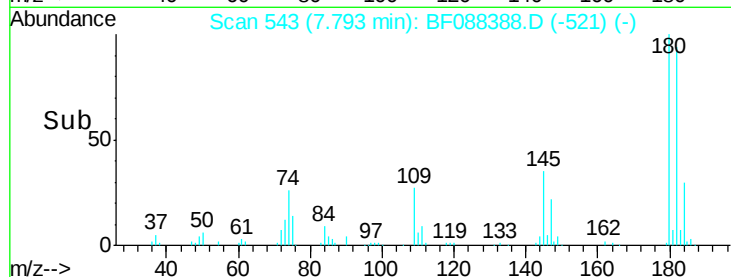
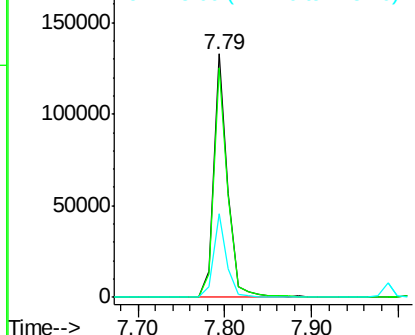
#30
1,2,4-Trichlorobenzene
Concen: 32.31 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

Tgt Ion:180 Resp: 149788
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 34.5 26.5 39.7

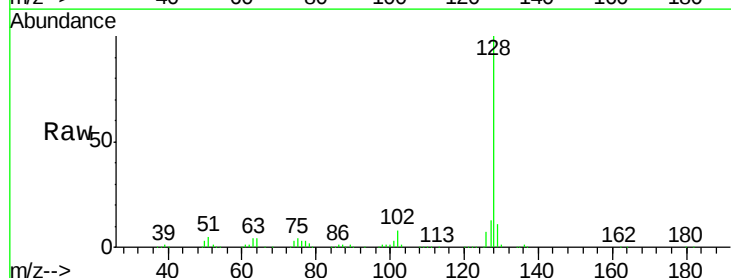


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

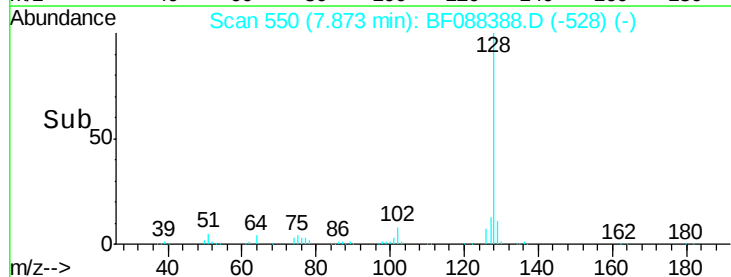
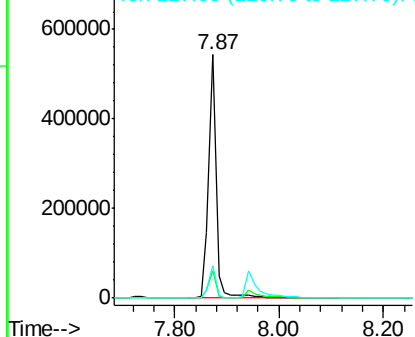


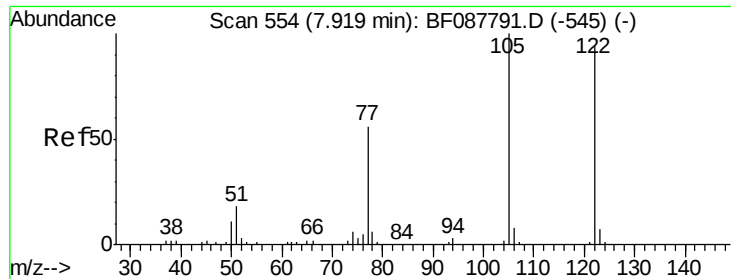
#31
Naphthalene
Concen: 35.85 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion:128 Resp: 553019
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.3 10.9 16.3



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





#32

Benzoic acid

Concen: 51.70 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.19 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

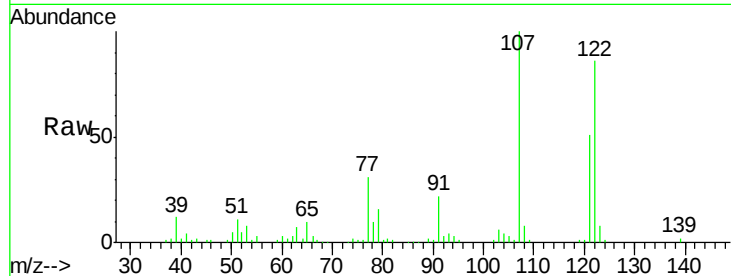
Tgt Ion:122 Resp: 145179

Ion Ratio Lower Upper

122 100

105 3.9 101.6 141.6#

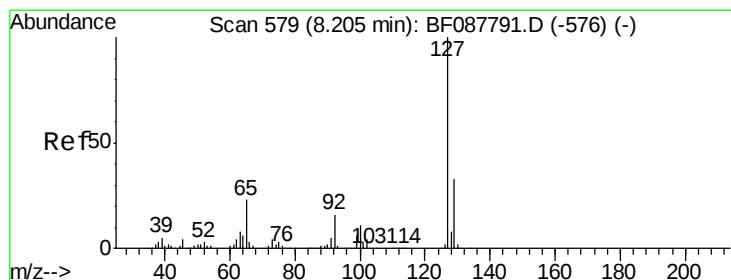
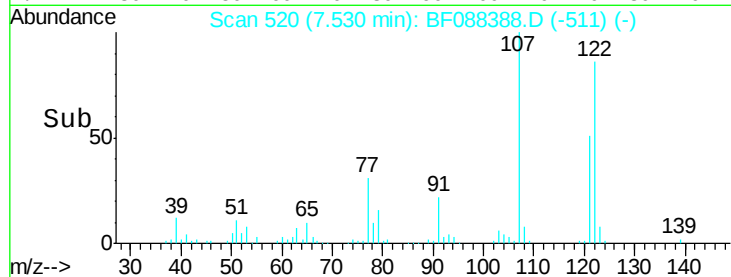
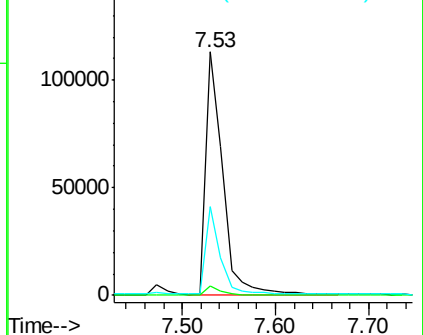
77 36.5 70.6 110.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 14.70 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Tgt Ion:127 Resp: 101267

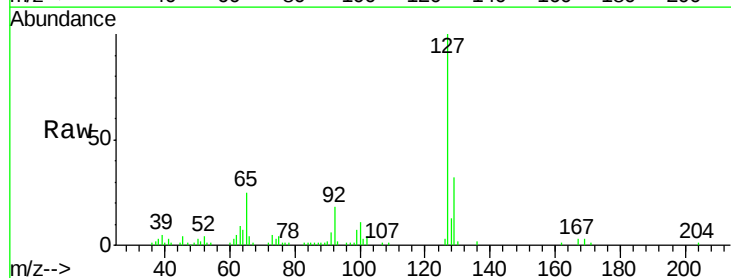
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 25.2 24.7 37.1

92 17.7 15.4 23.0

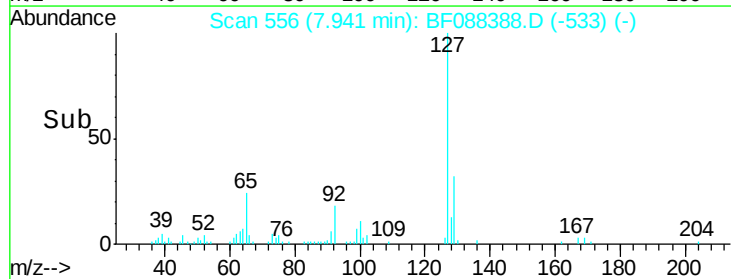
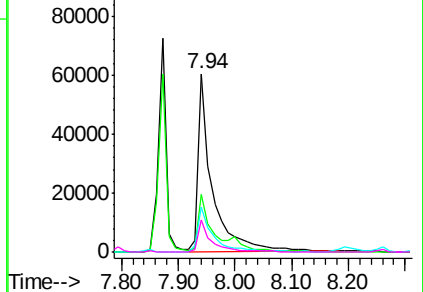


Abundance Ion 127.00 (126.70 to 127.70): E

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

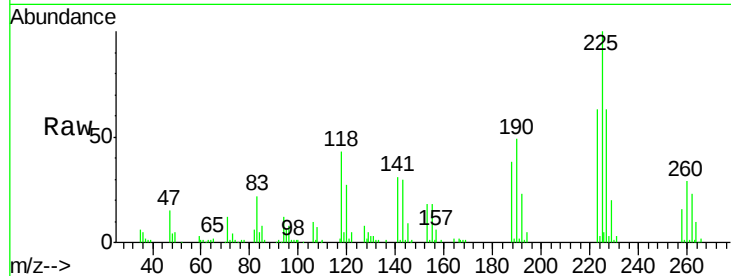




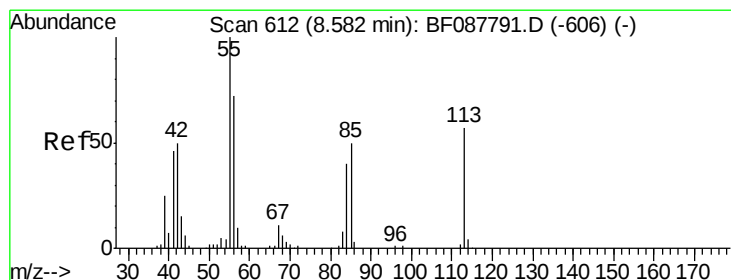
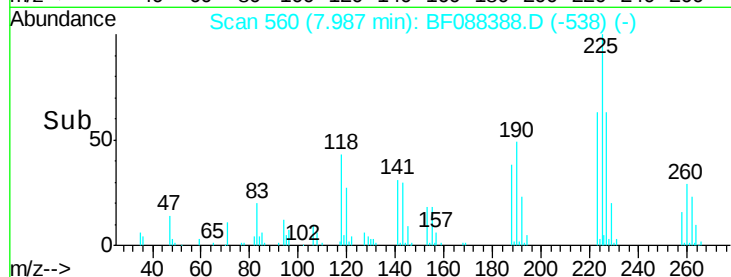
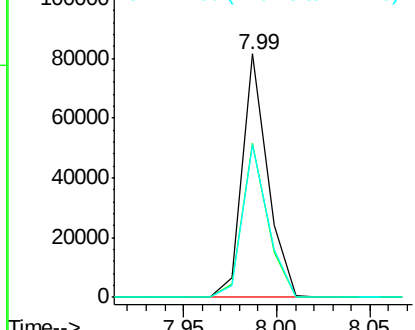
#34
Hexachlorobutadiene
Concen: 31.69 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

Tgt Ion:225 Resp: 77491
Ion Ratio Lower Upper
225 100
223 63.1 50.9 76.3
227 62.8 51.9 77.9

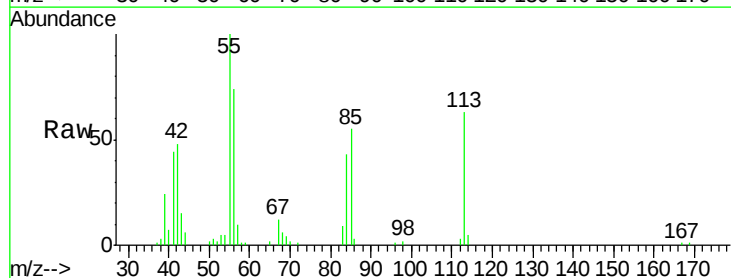


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

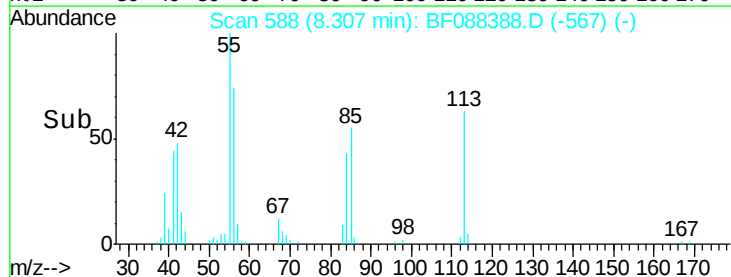
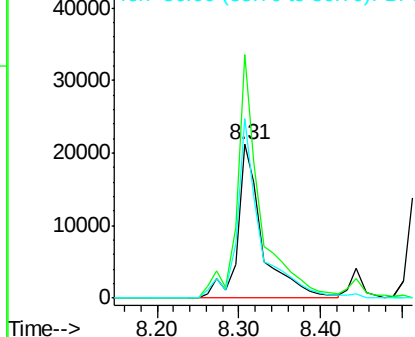


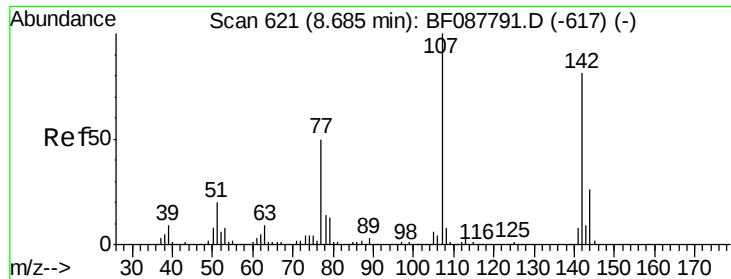
#35
Caprolactam
Concen: 31.74 ng
RT: 8.31 min Scan# 588
Delta R.T. -0.06 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion:113 Resp: 44766
Ion Ratio Lower Upper
113 100
55 158.6 158.6 198.6
56 116.6 110.6 150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

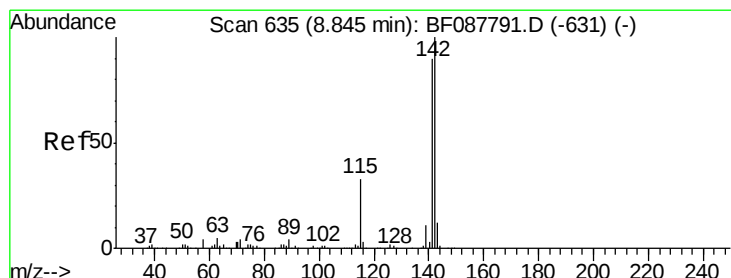
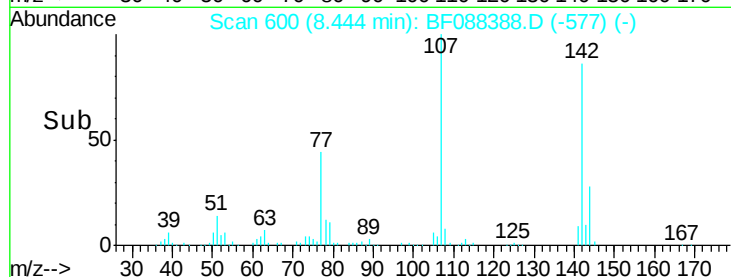
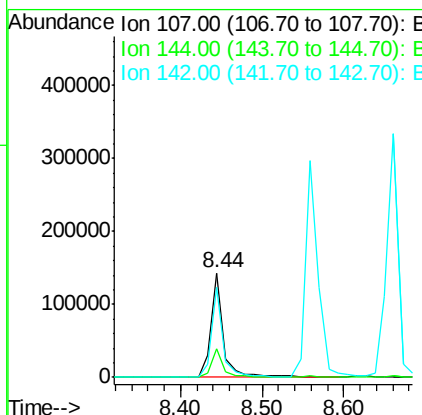
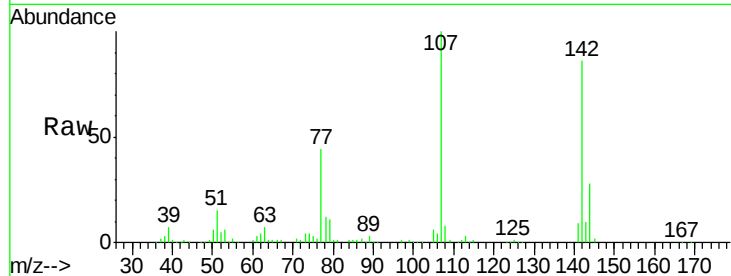




#36
 4-Chloro-3-methylphenol
 Concen: 34.44 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

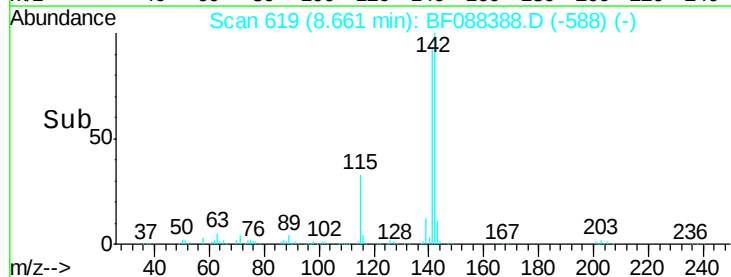
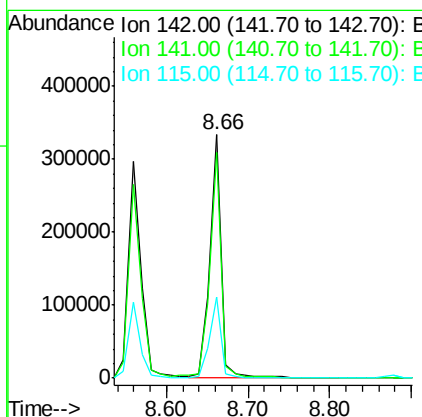
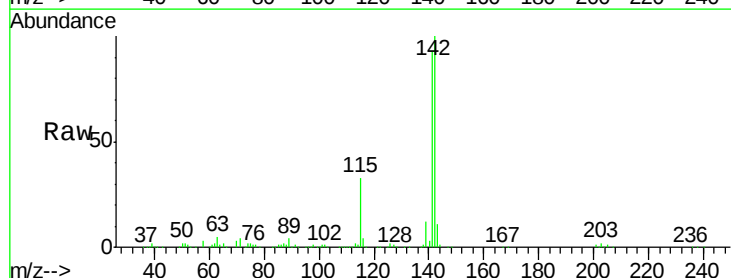
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

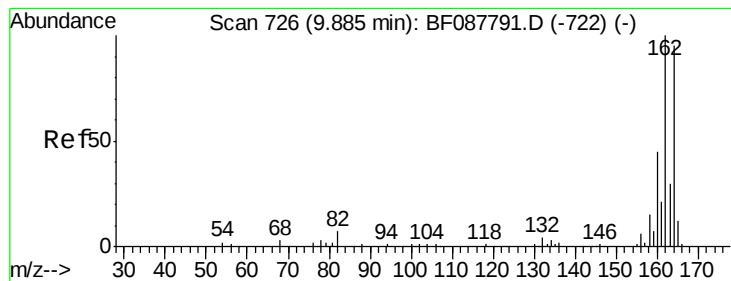
Tgt Ion:107 Resp: 156797
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.8 31.2
 142 86.2 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 32.60 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.06 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:142 Resp: 331439
 Ion Ratio Lower Upper
 142 100
 141 92.6 71.0 106.6
 115 33.4 22.6 33.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

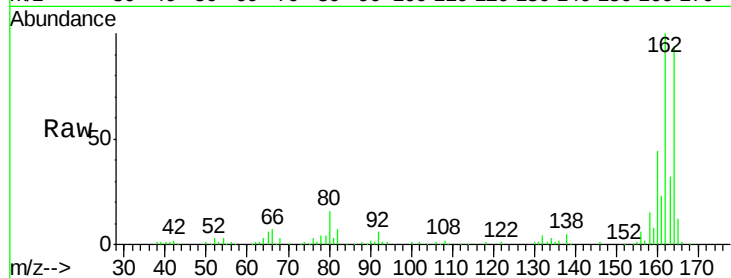
Tgt Ion:164 Resp: 135283

Ion Ratio Lower Upper

164 100

162 106.6 85.4 128.2

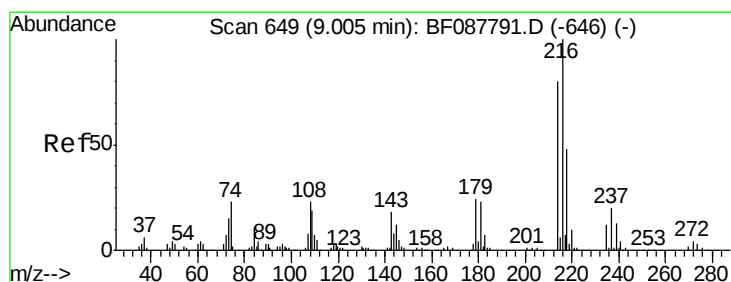
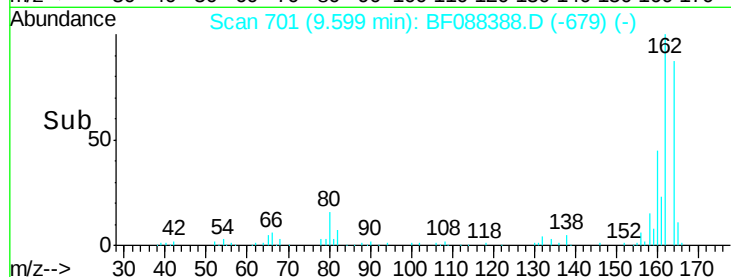
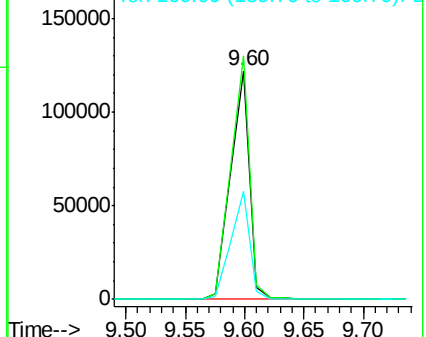
160 47.3 39.5 59.3



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: 39.96 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Tgt Ion:216 Resp: 146093

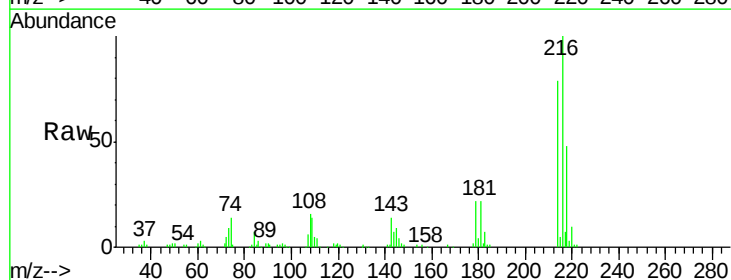
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 21.9 0.0 0.0#

108 17.8 0.5 0.7#

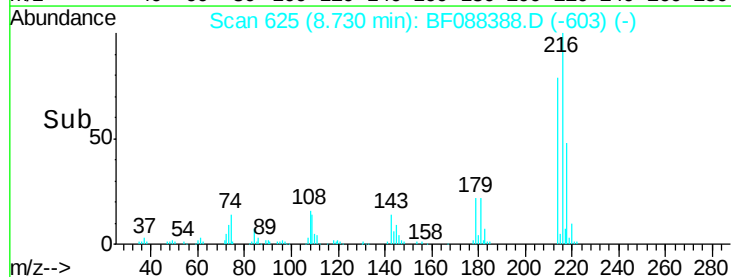
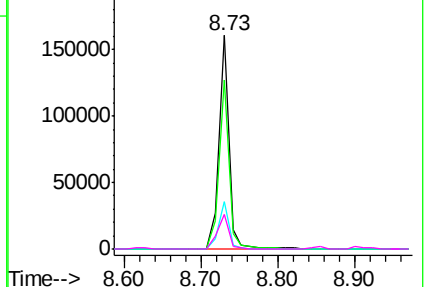


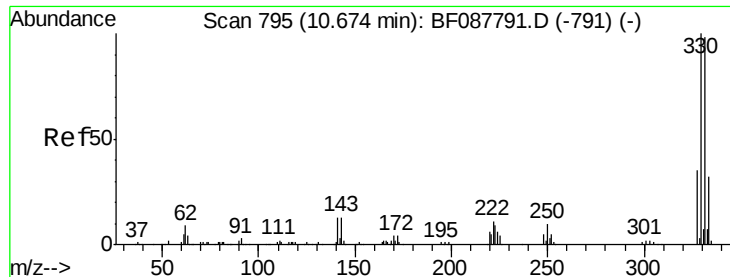
Abundance Ion 216.00 (215.70 to 216.70): E

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

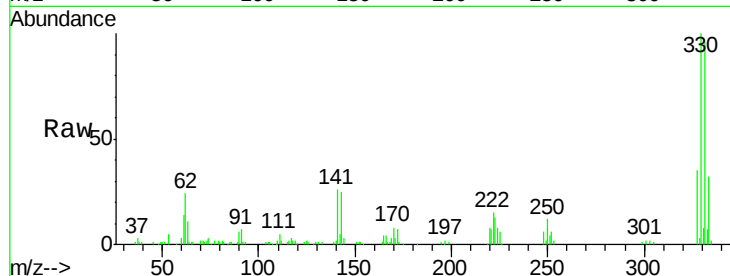




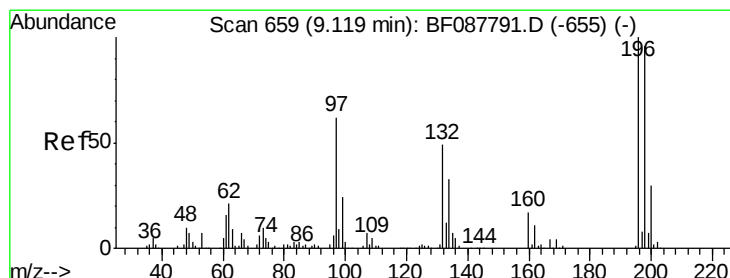
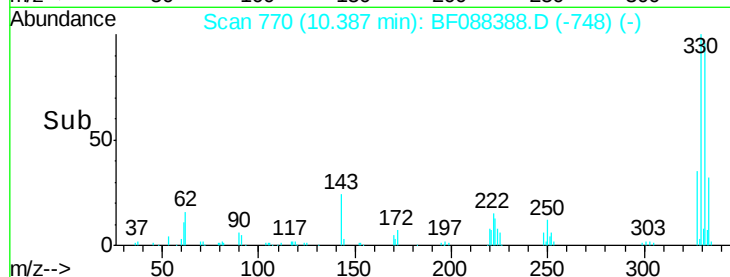
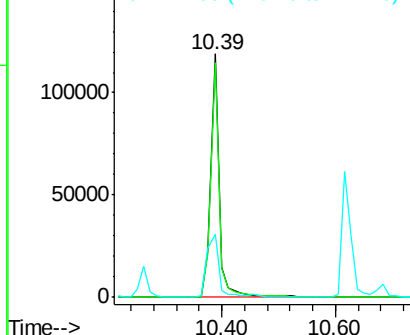
#41
 2,4,6-Tribromophenol
 Concen: 84.01 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

Tgt Ion:330 Resp: 120009
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 36.2 0.0 0.0#

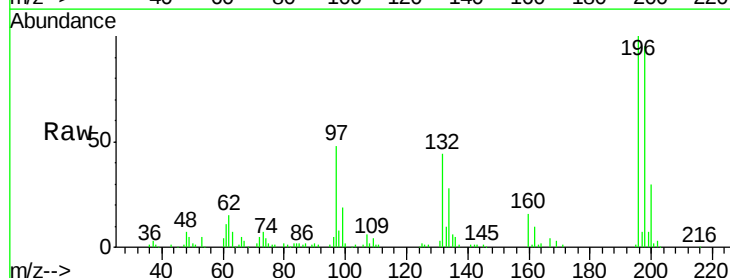


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

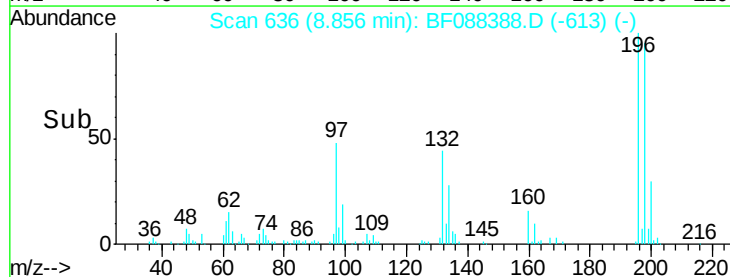
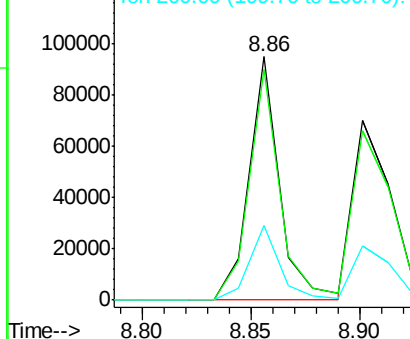


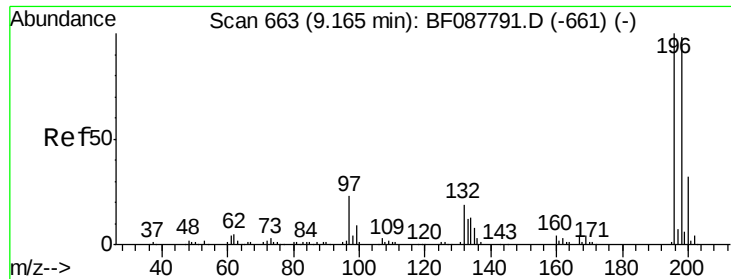
#42
 2,4,6-Trichlorophenol
 Concen: 34.37 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:196 Resp: 92987
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.0 117.0
 200 30.4 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

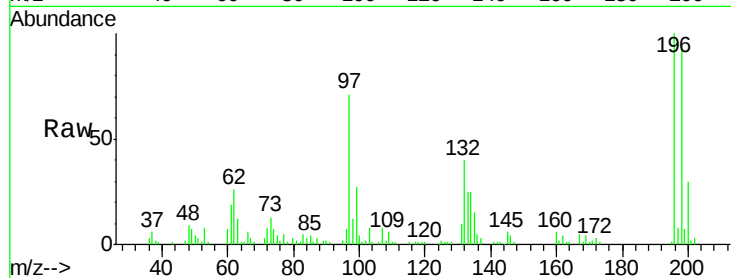




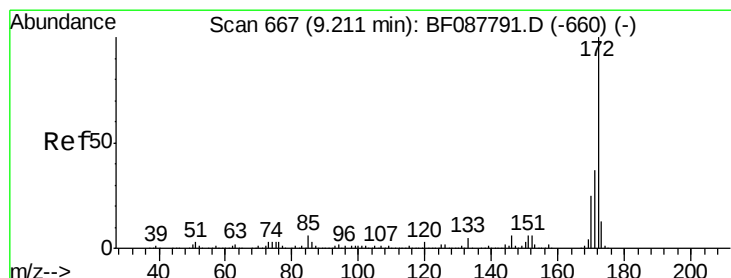
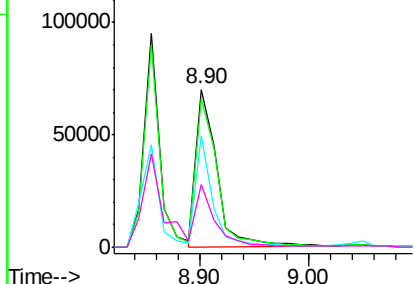
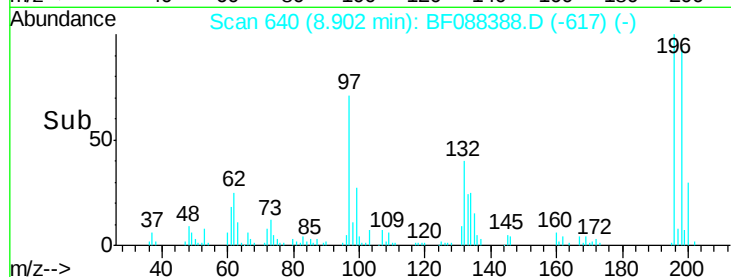
#43
 2,4,5-Trichlorophenol
 Concen: 33.22 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

Tgt Ion:196 Resp: 93502
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.5 116.3
 97 70.7 32.0 48.0#
 132 39.8 20.9 31.3#

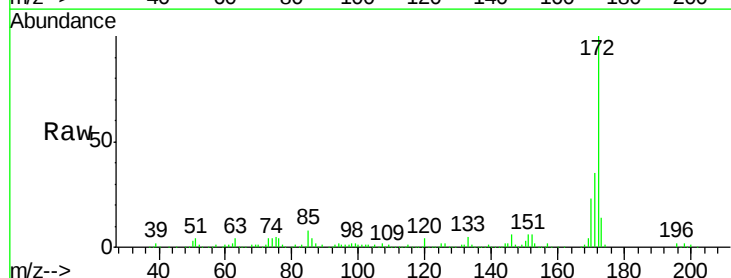


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

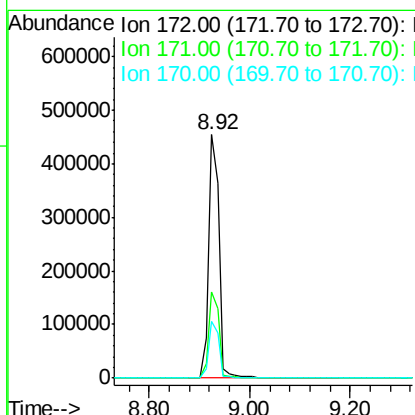
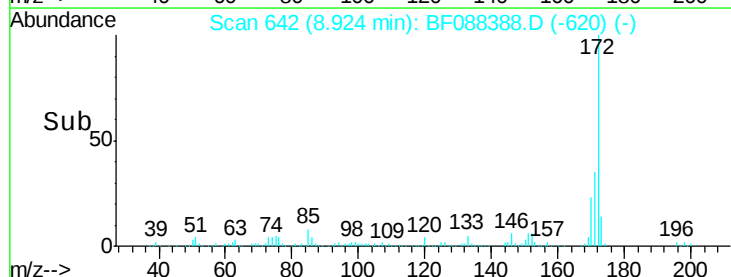


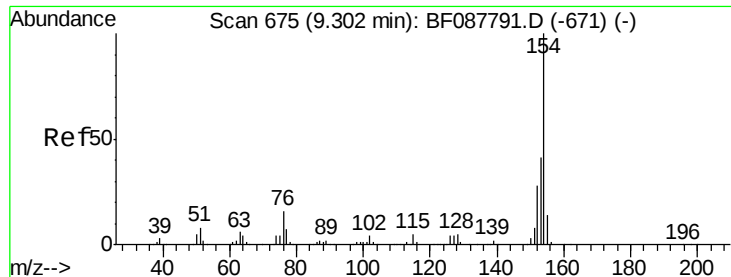
#44
 2-Fluorobiphenyl
 Concen: 74.96 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:172 Resp: 651180
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.4 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: 40.91 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

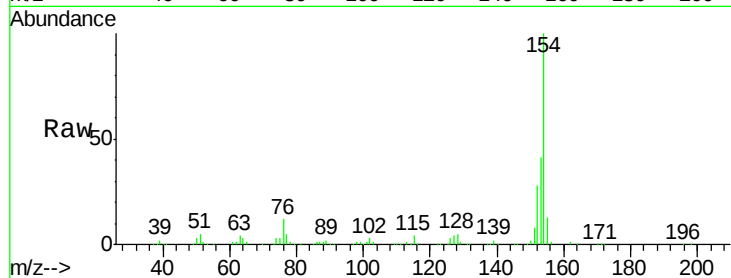
Tgt Ion:154 Resp: 421145

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

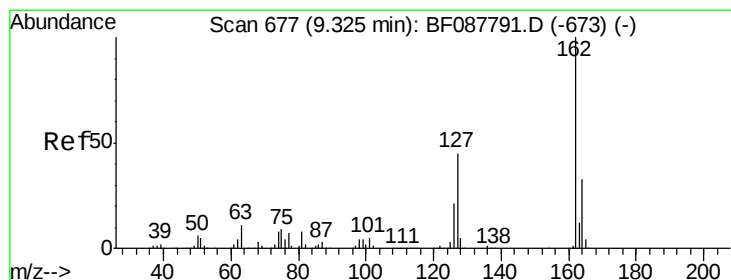
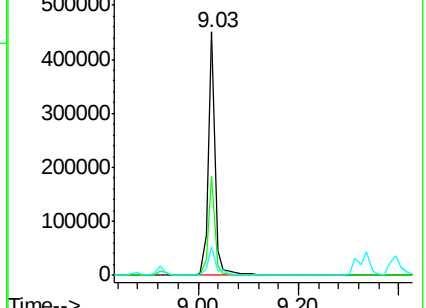
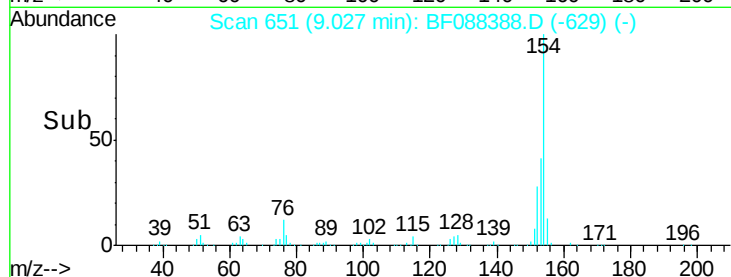
76 11.6 0.0 35.1



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: 36.69 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

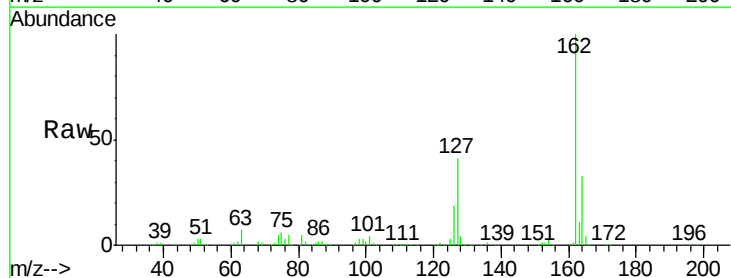
Tgt Ion:162 Resp: 321185

Ion Ratio Lower Upper

162 100

127 40.7 35.2 52.8

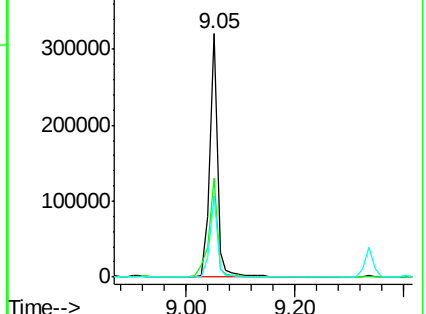
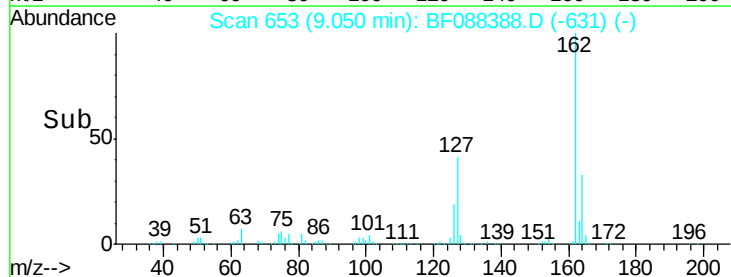
164 33.4 26.6 39.8

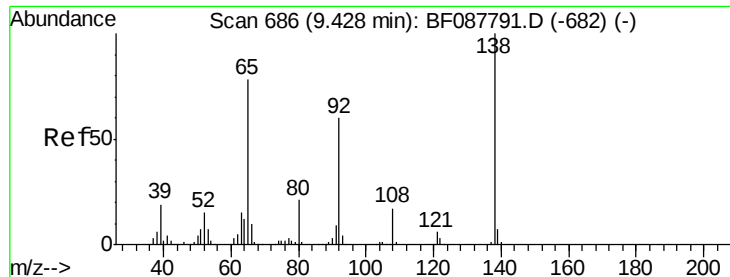


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.84 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

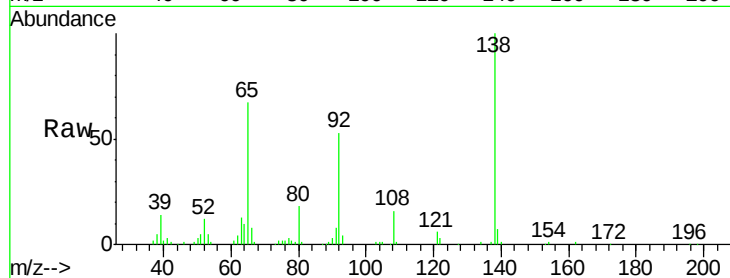
Tgt Ion: 65 Resp: 89961

Ion Ratio Lower Upper

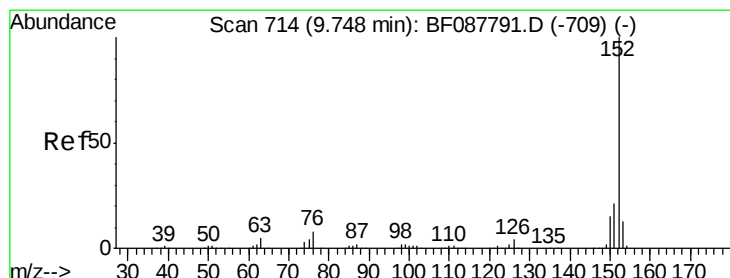
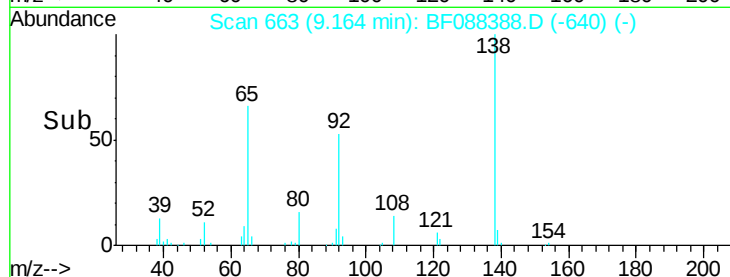
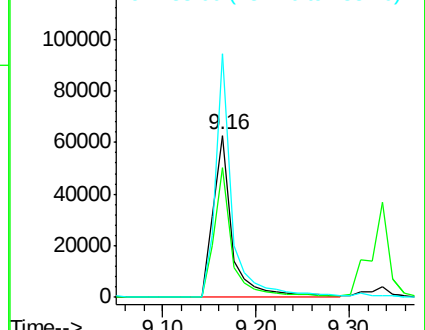
65 100

92 80.4 54.6 82.0

138 150.3 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 33.86 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

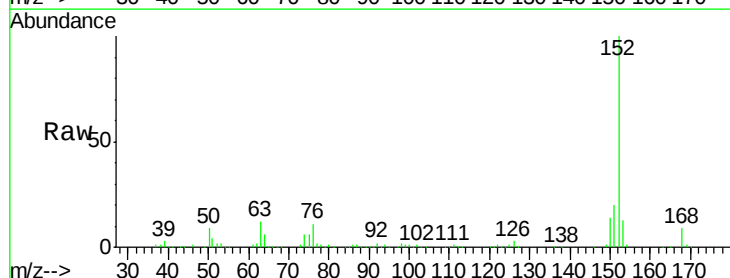
Tgt Ion: 152 Resp: 471492

Ion Ratio Lower Upper

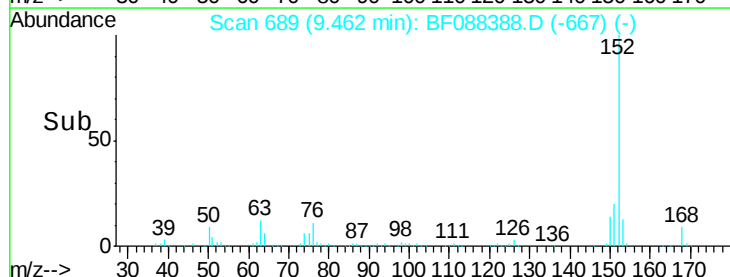
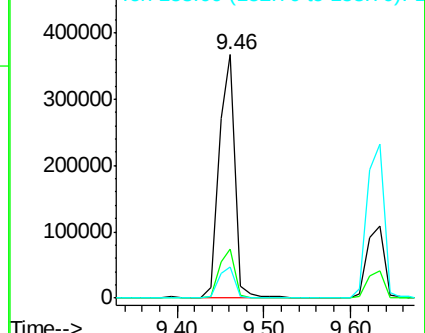
152 100

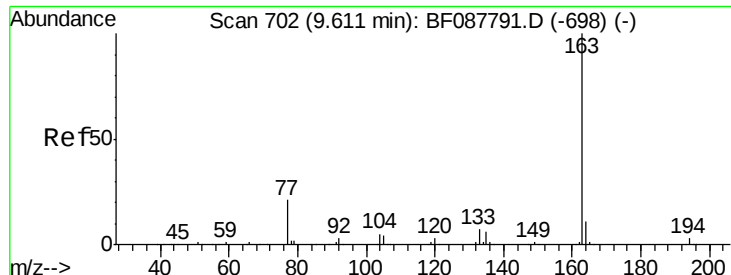
151 19.9 16.2 24.4

153 12.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.81 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

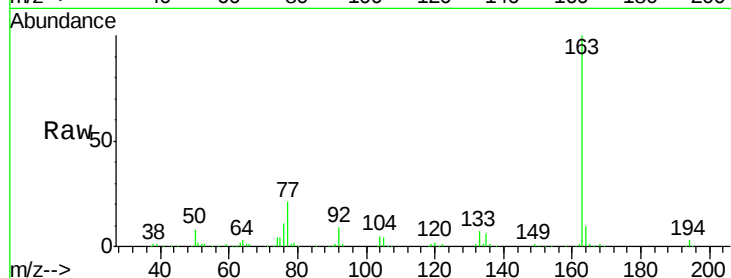
Tgt Ion:163 Resp: 429321

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

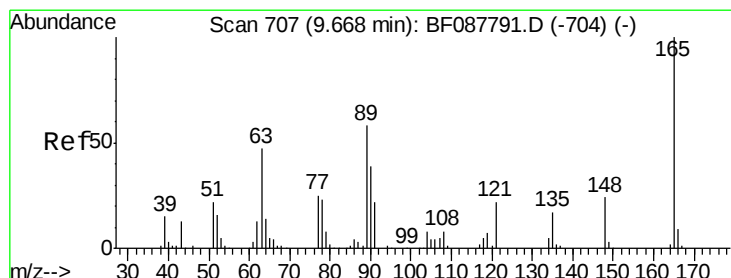
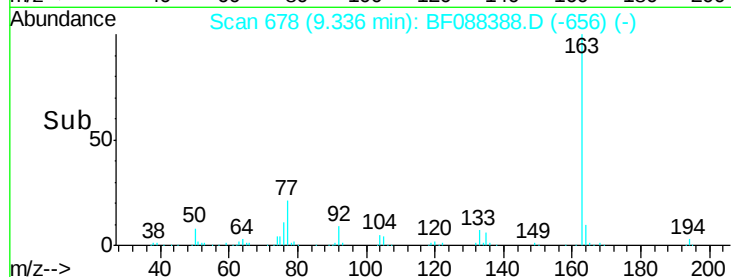
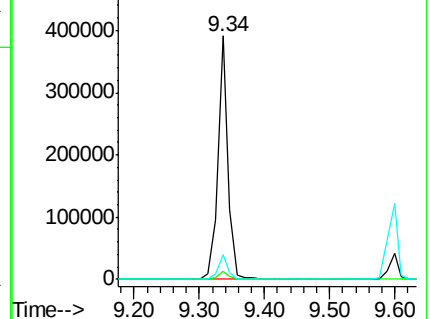
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.25 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

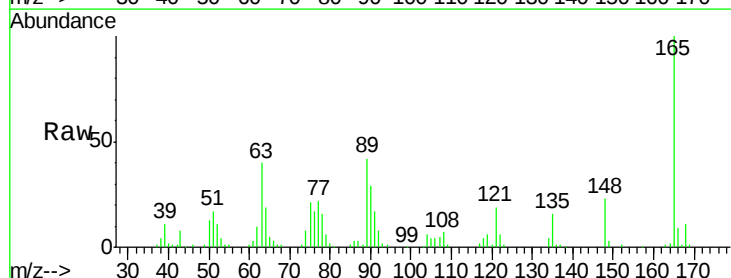
Tgt Ion:165 Resp: 81365

Ion Ratio Lower Upper

165 100

63 39.8 28.1 42.1

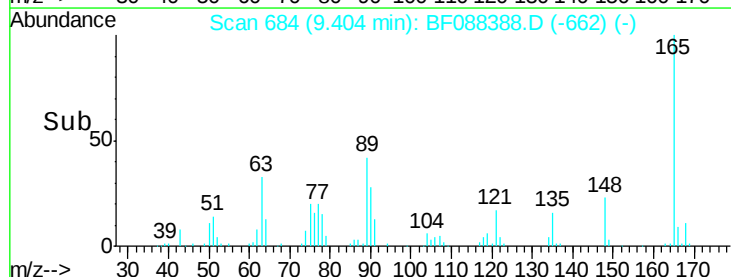
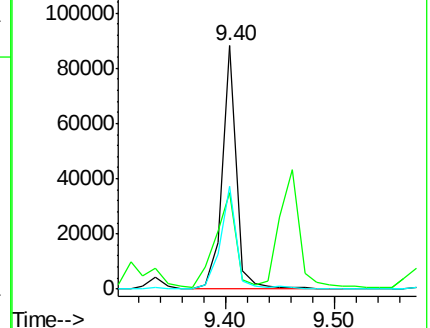
89 42.4 32.2 48.2

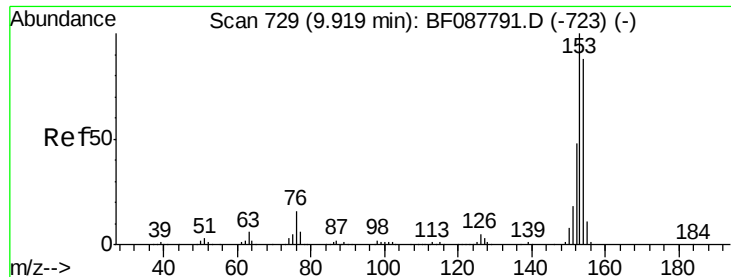


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 32.20 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

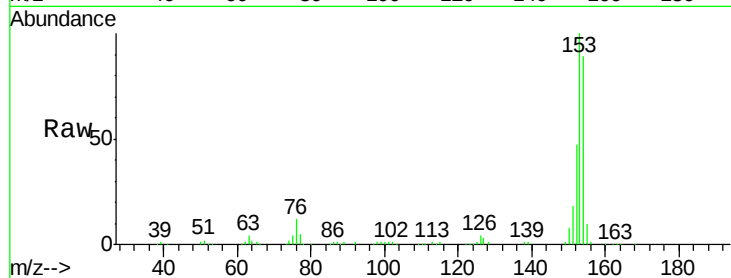
Tgt Ion:154 Resp: 279691

Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

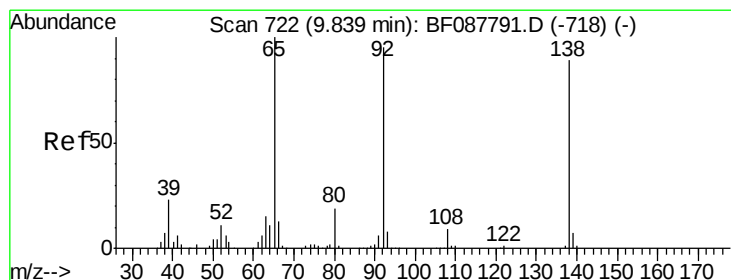
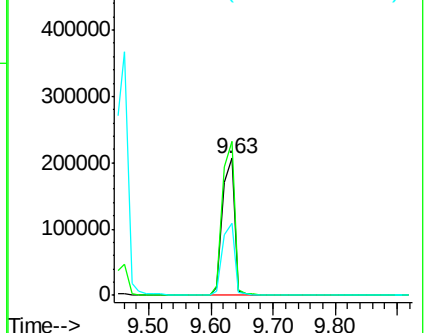
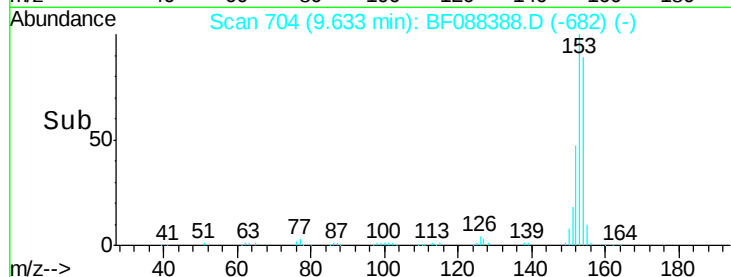
152 53.1 42.7 64.1



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: 27.60 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

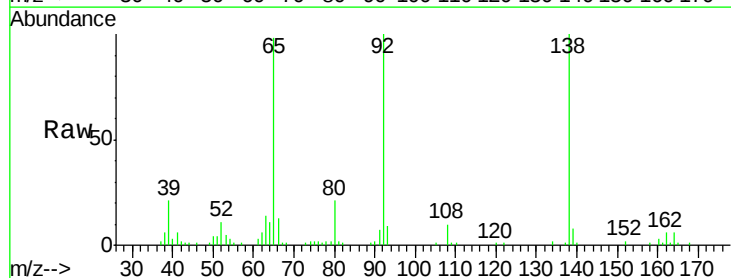
Tgt Ion:138 Resp: 71483

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

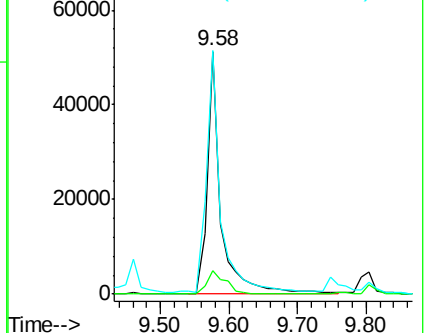
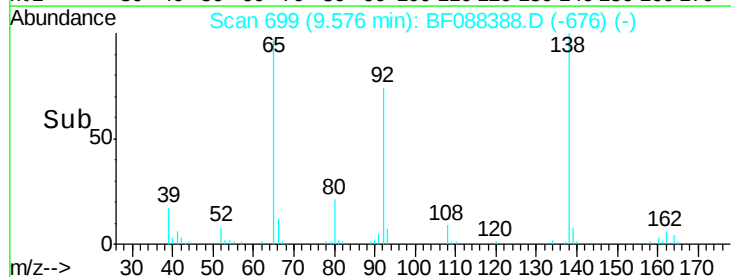
92 100.4 95.7 143.5

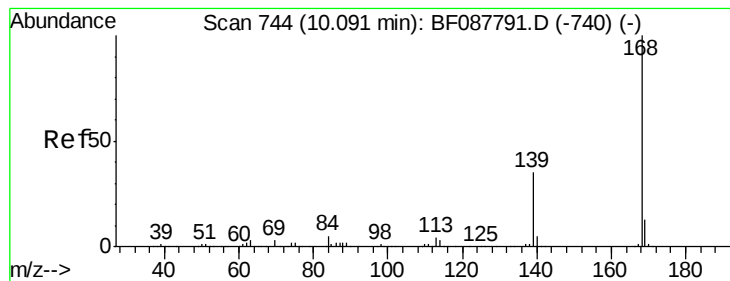


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 33.46 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

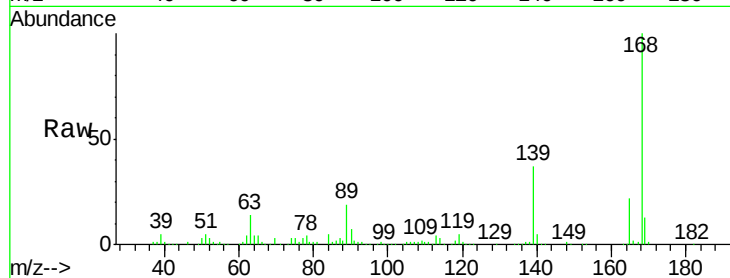
Tgt Ion:168 Resp: 400227

Ion Ratio Lower Upper

168 100

139 37.2 26.4 39.6

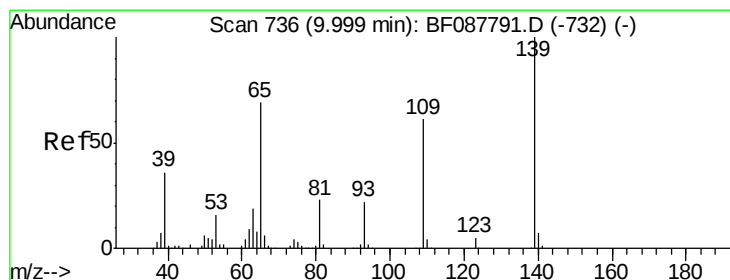
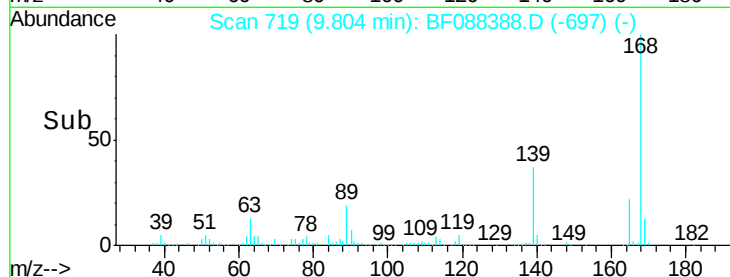
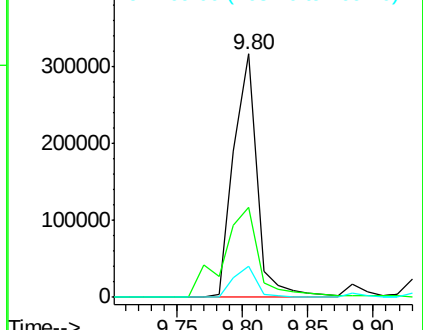
169 13.0 10.4 15.6



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: 118.10 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

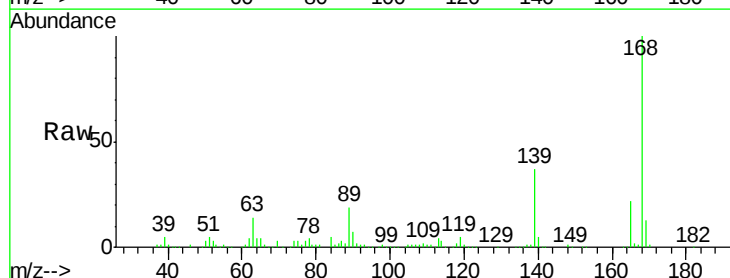
Tgt Ion:139 Resp: 237370

Ion Ratio Lower Upper

139 100

109 5.3 48.9 88.9#

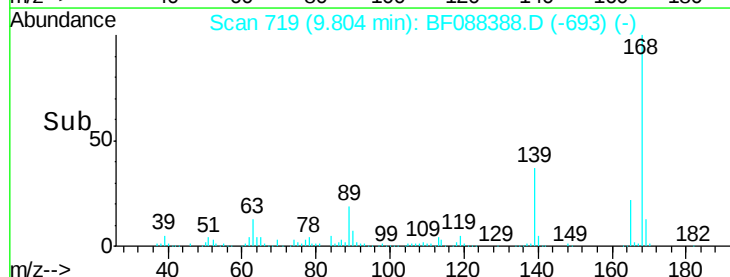
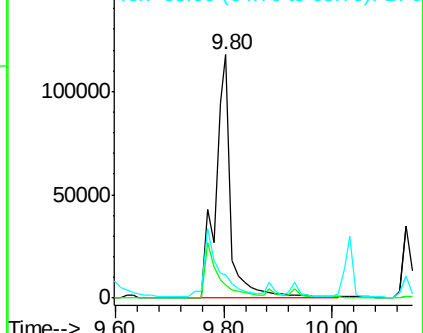
65 9.8 84.9 124.9#

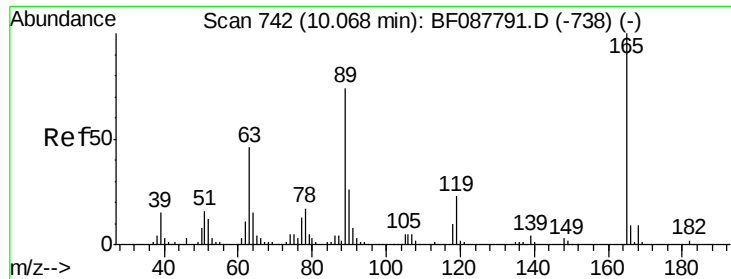


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

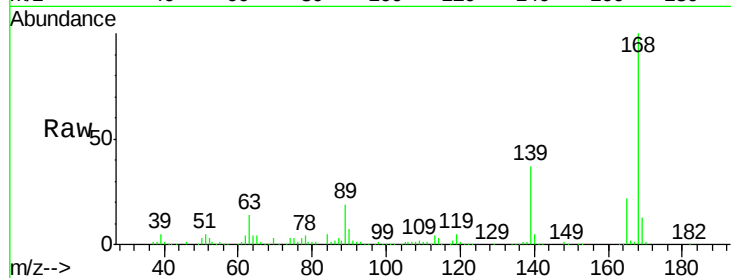




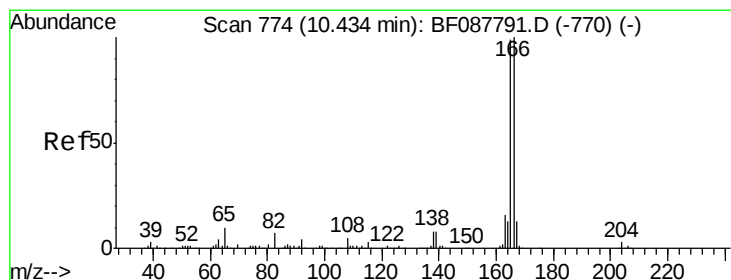
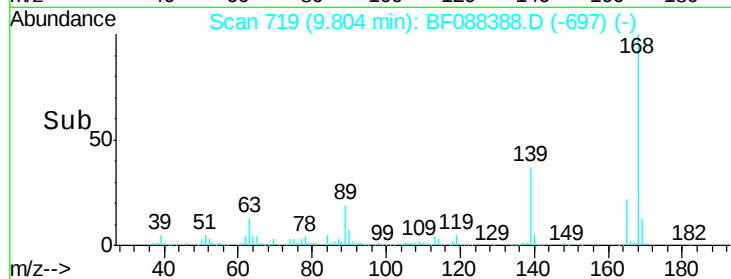
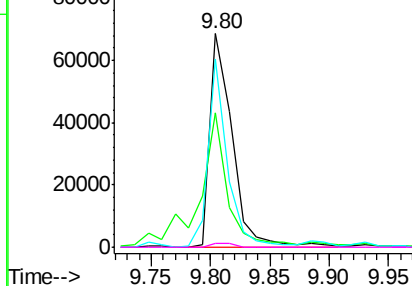
#56
2,4-Dinitrotoluene
Concen: 31.23 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

Tgt Ion:165 Resp: 90077
Ion Ratio Lower Upper
165 100
63 62.9 22.0 33.0#
89 88.3 41.1 61.7#
182 2.1 2.0 3.0

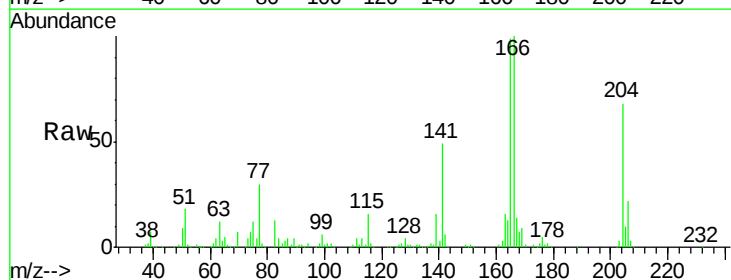


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

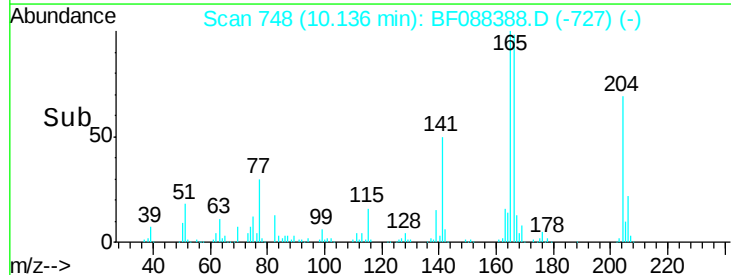
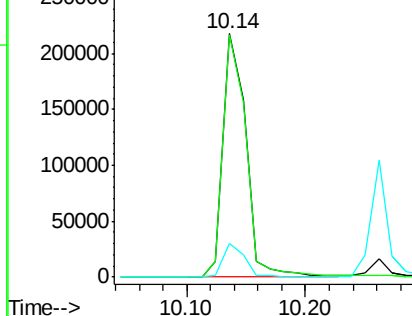


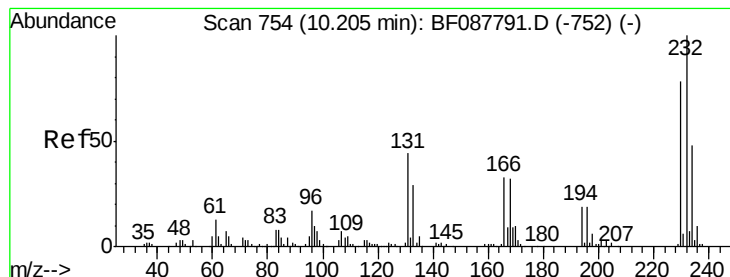
#57
Fluorene
Concen: 35.11 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion:166 Resp: 292437
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 13.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 31.81 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

Tgt Ion:232 Resp: 70353

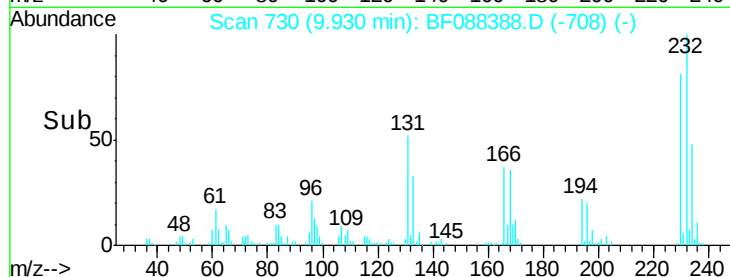
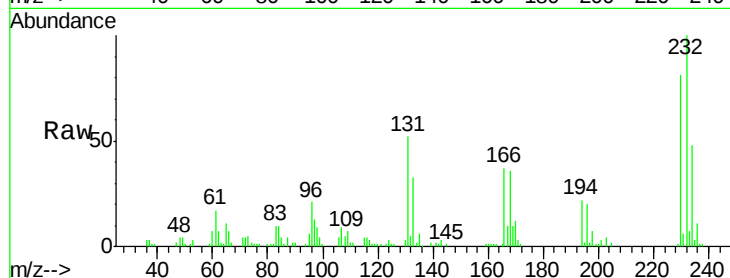
Ion Ratio Lower Upper

232 100

131 47.7 0.9 1.3#

130 2.2 1.5 2.3

166 32.3 0.5 0.7#

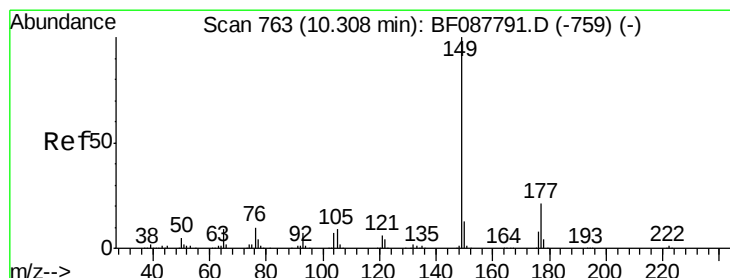
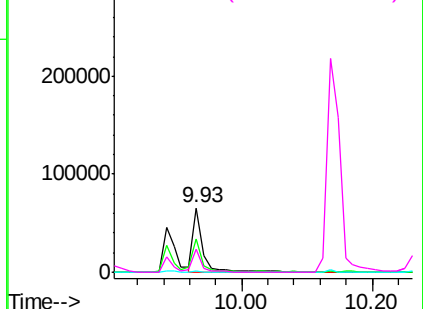


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 38.80 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

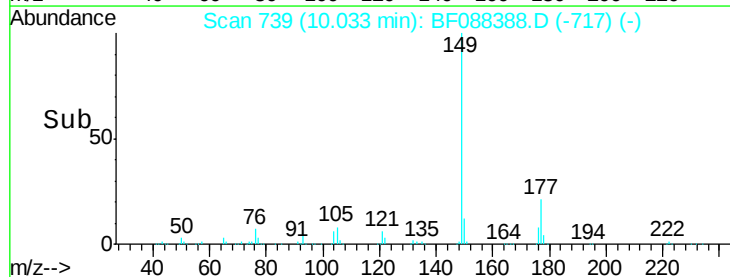
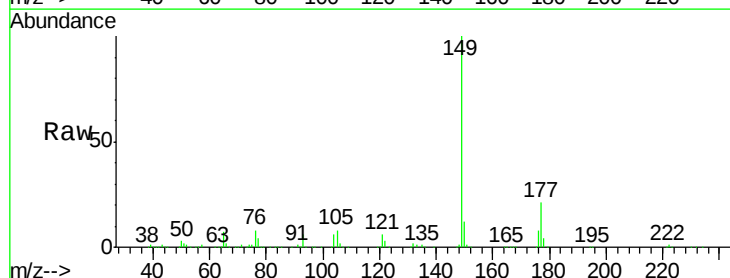
Tgt Ion:149 Resp: 384926

Ion Ratio Lower Upper

149 100

177 20.8 16.9 25.3

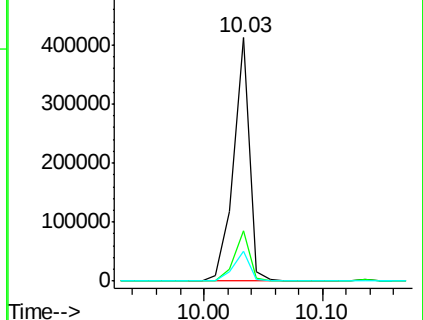
150 12.3 10.1 15.1

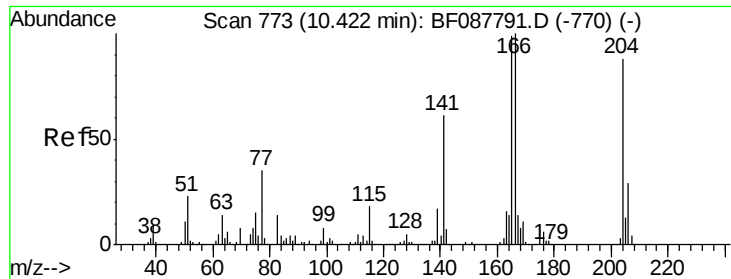


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

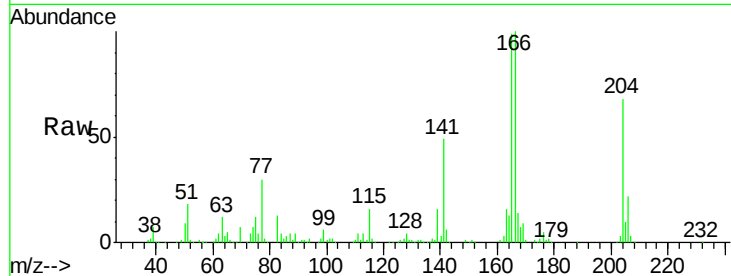




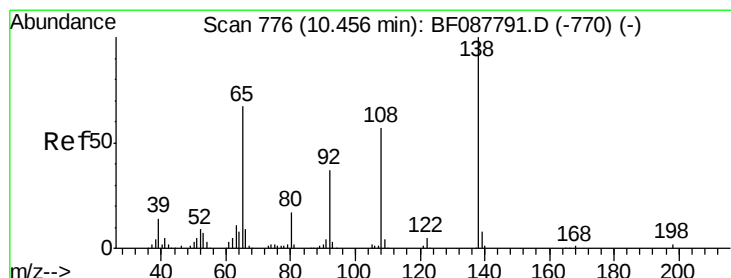
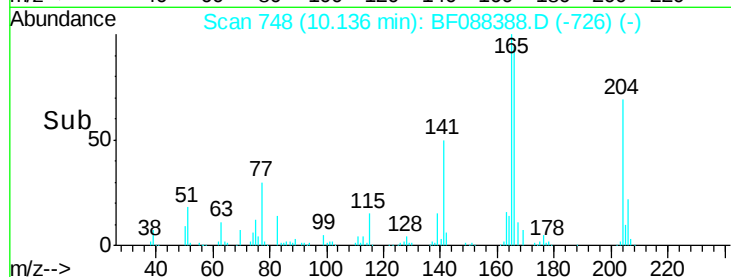
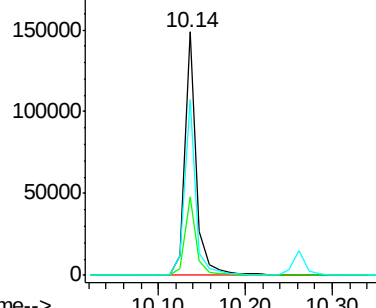
#60
 4-Chlorophenyl-phenylether
 Concen: 35.09 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

Tgt Ion:204 Resp: 139603
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.3 39.5
 141 72.3 55.0 82.6

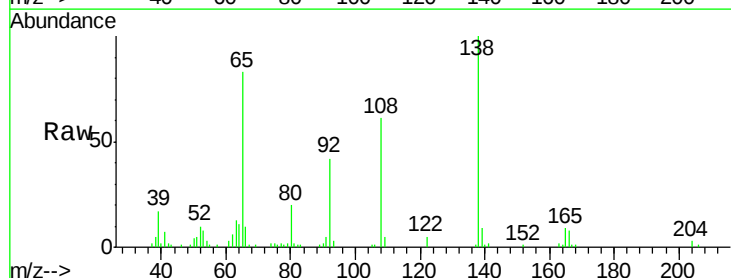


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

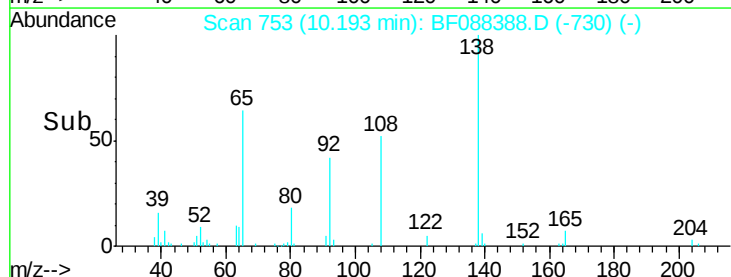
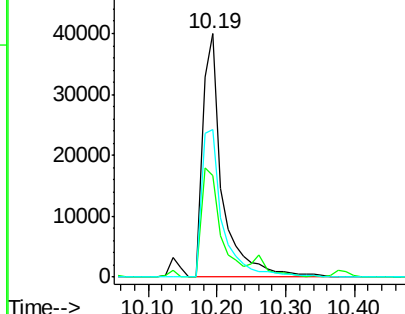


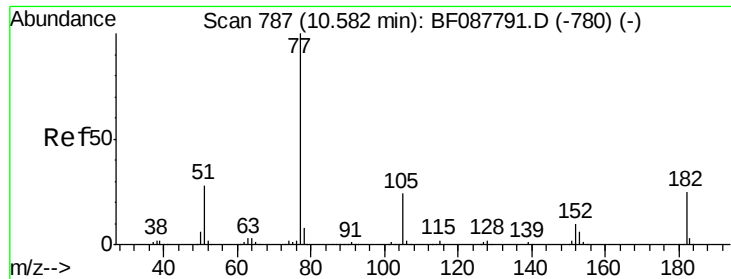
#61
 4-Nitroaniline
 Concen: 31.89 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:138 Resp: 78344
 Ion Ratio Lower Upper
 138 100
 92 41.9 27.3 67.3
 108 60.5 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: 33.61 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

Tgt Ion: 77 Resp: 329738

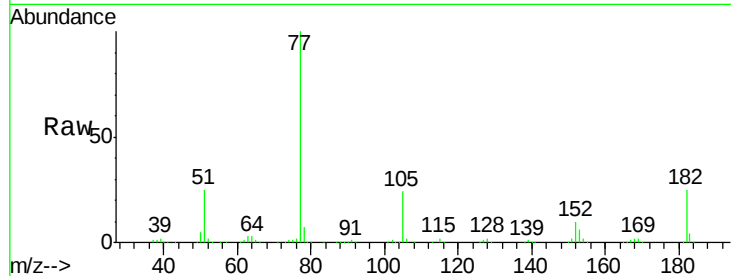
Ion Ratio Lower Upper

77 100

182 25.0 4.4 44.4

105 24.4 3.8 43.8

51 25.0 9.3 49.3

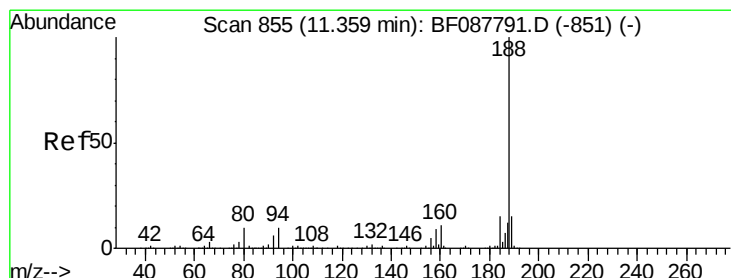
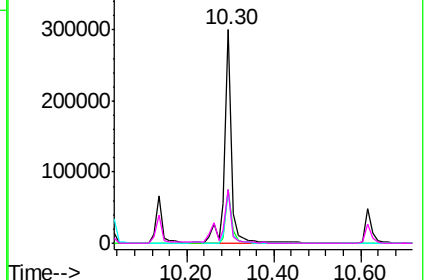
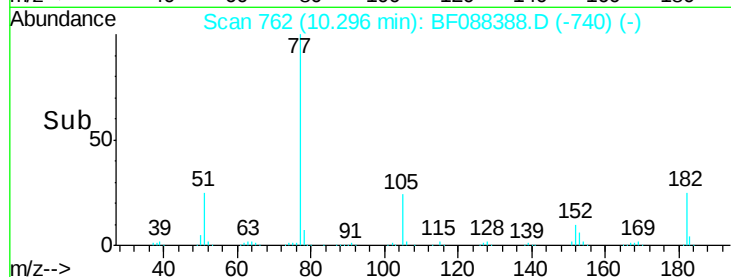


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

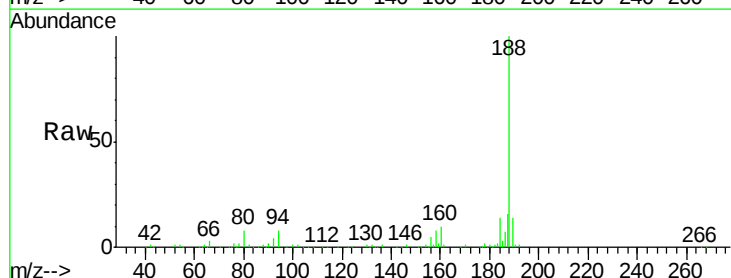
Tgt Ion: 188 Resp: 216838

Ion Ratio Lower Upper

188 100

94 7.7 9.0 13.6#

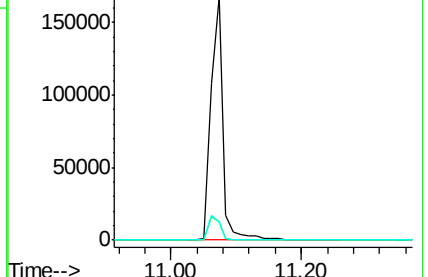
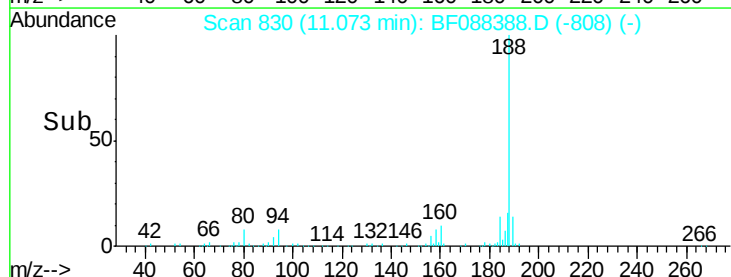
80 7.6 10.0 15.0#

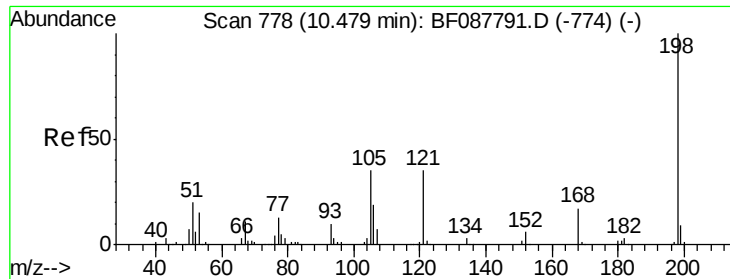


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

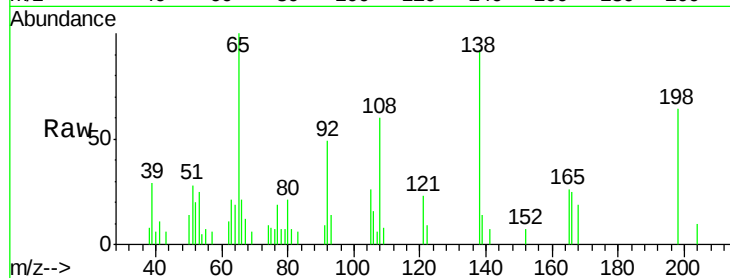




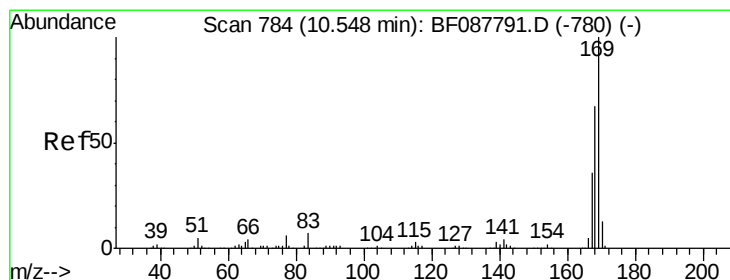
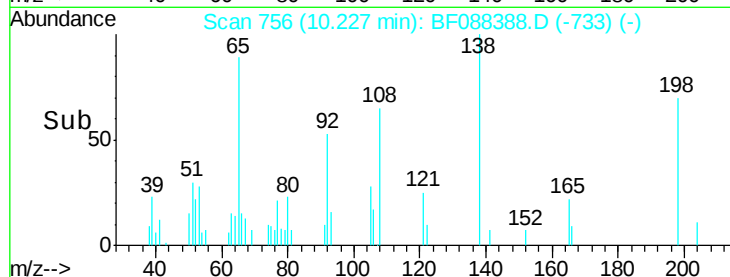
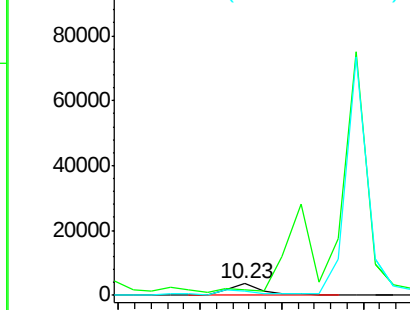
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.78 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

Tgt Ion:198 Resp: 5127
 Ion Ratio Lower Upper
 198 100
 51 43.4 39.6 79.6
 105 40.5 36.6 76.6

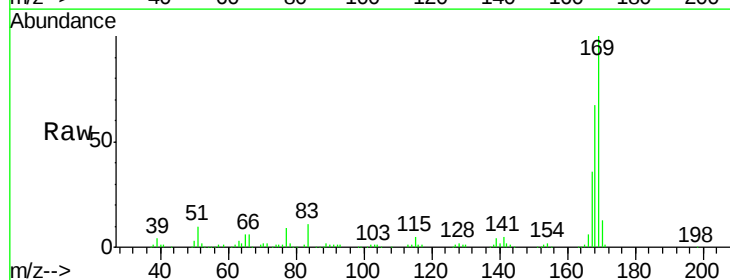


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

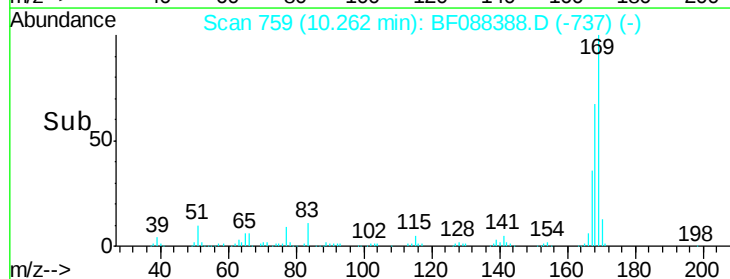
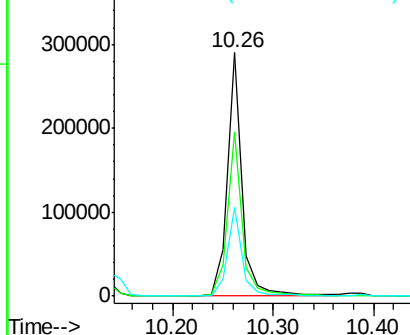


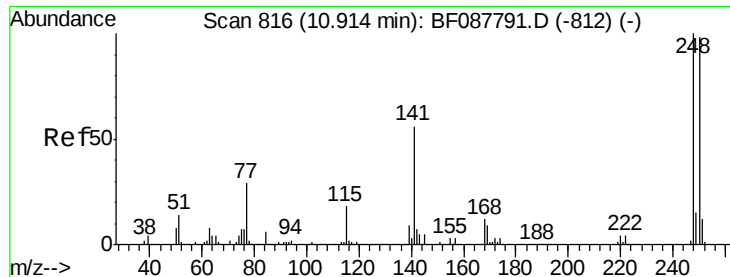
#65
 n-Nitrosodiphenylamine
 Concen: 41.05 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:169 Resp: 295364
 Ion Ratio Lower Upper
 169 100
 168 67.3 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

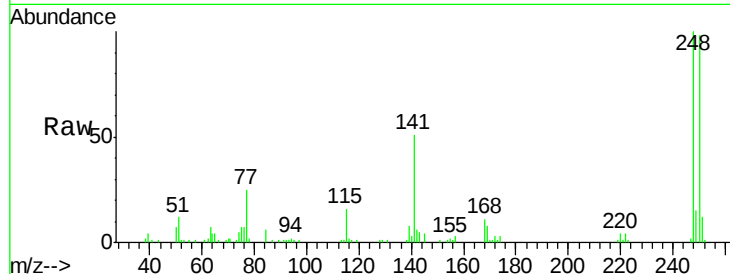




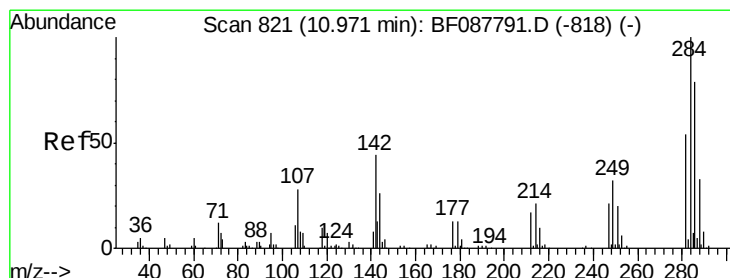
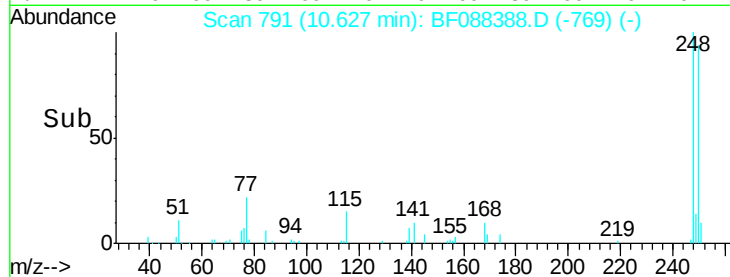
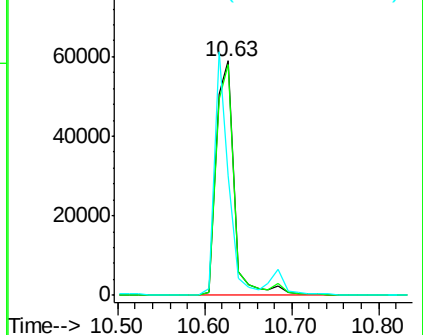
#66
 4-Bromophenyl-phenylether
 Concen: 37.21 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

Tgt Ion:248 Resp: 86559
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.1 115.7
 141 50.8 50.6 76.0

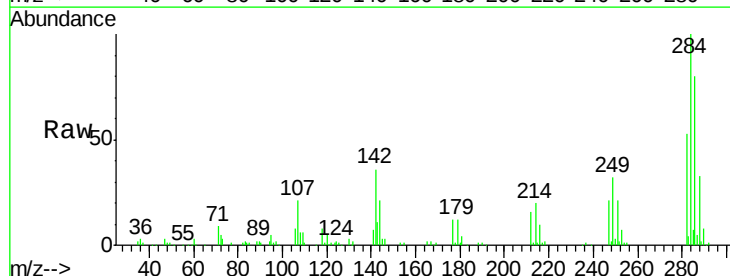


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

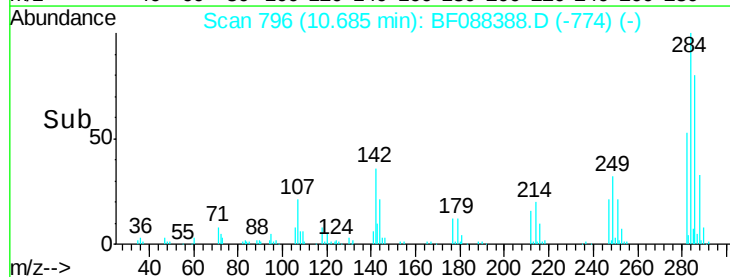
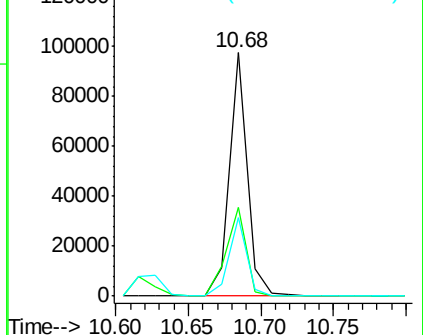


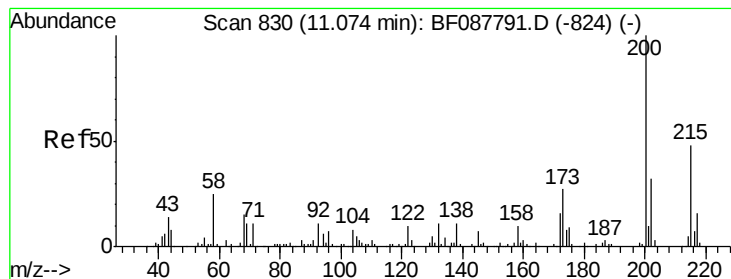
#67
 Hexachlorobenzene
 Concen: 34.56 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:284 Resp: 83529
 Ion Ratio Lower Upper
 284 100
 142 36.3 35.8 53.8
 249 32.3 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: 37.56 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

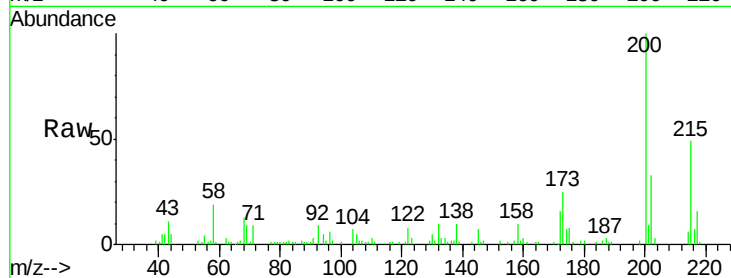
Tgt Ion:200 Resp: 81830

Ion Ratio Lower Upper

200 100

173 25.3 4.0 44.0

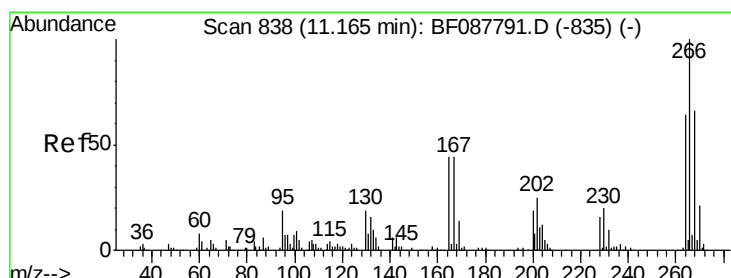
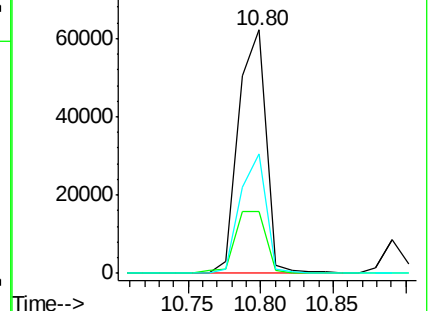
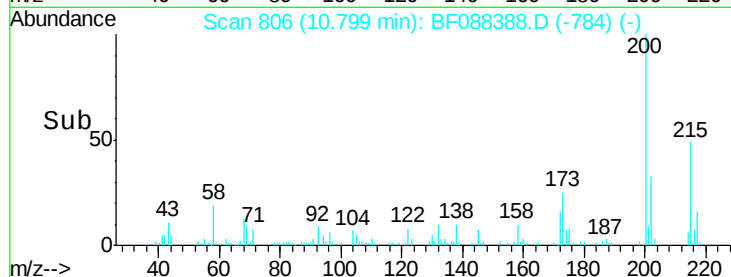
215 49.2 29.3 69.3



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: 44.53 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

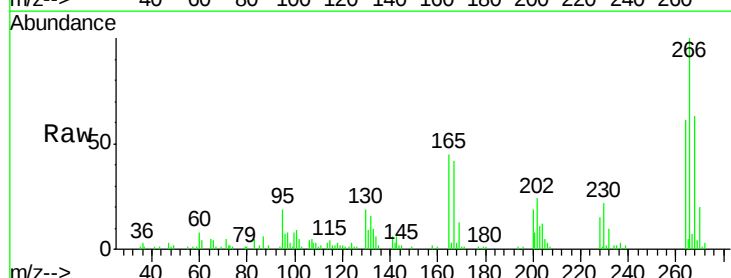
Tgt Ion:266 Resp: 56737

Ion Ratio Lower Upper

266 100

268 63.1 52.8 79.2

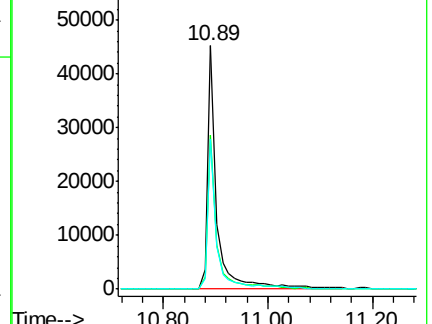
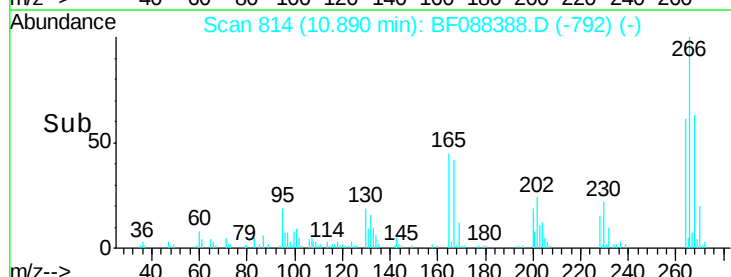
264 61.4 49.6 74.4

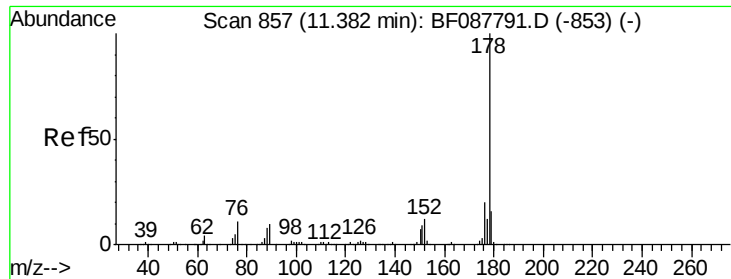


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 34.95 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

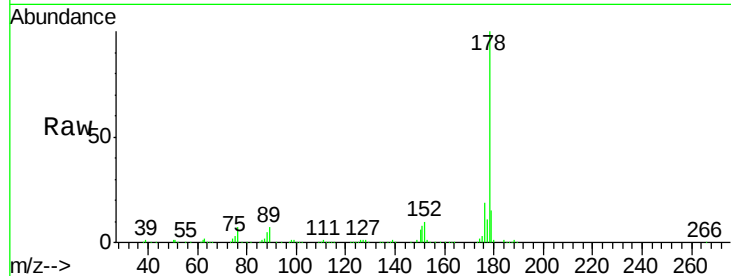
Tgt Ion:178 Resp: 397692

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

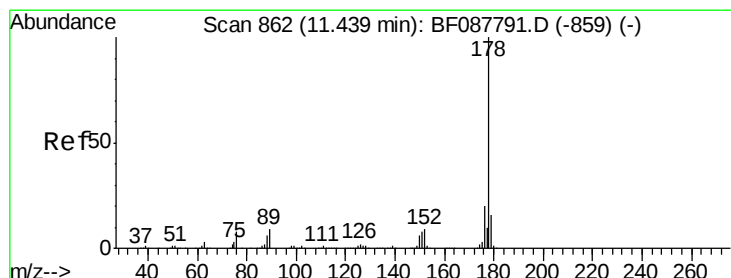
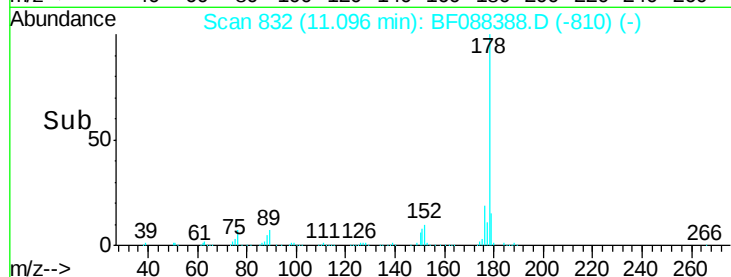
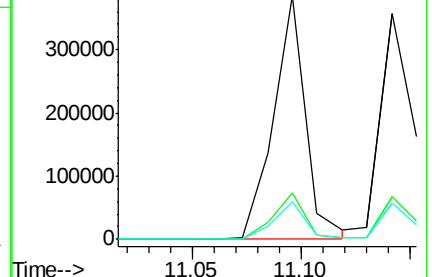
179 15.3 13.0 19.4



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: 36.89 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

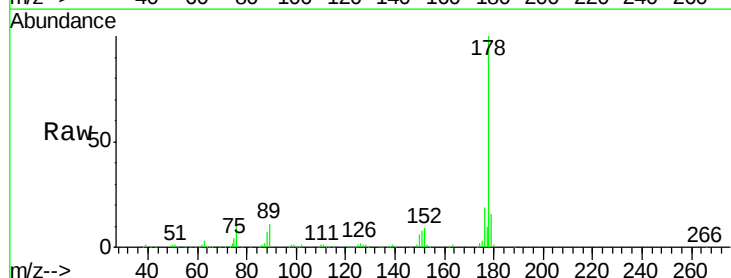
Tgt Ion:178 Resp: 423445

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

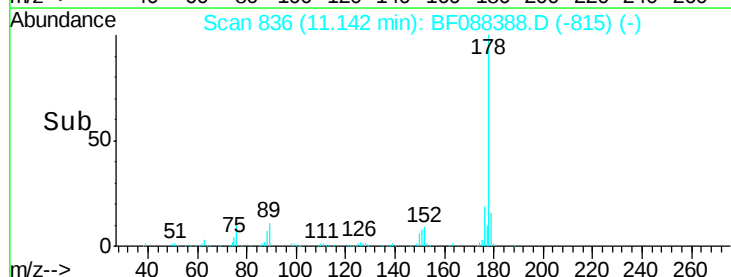
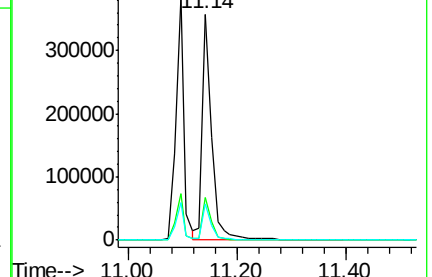
179 15.8 12.8 19.2

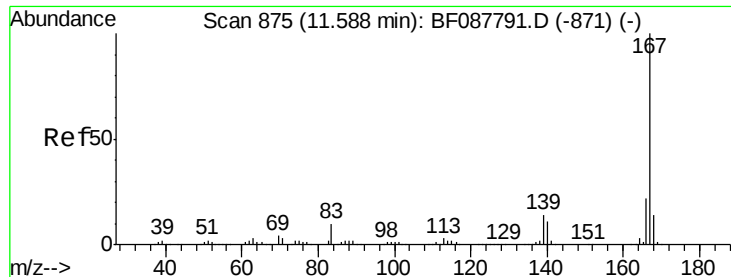


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 36.76 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

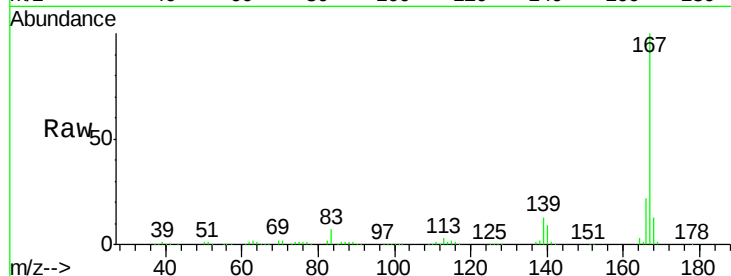
Tgt Ion:167 Resp: 394815

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

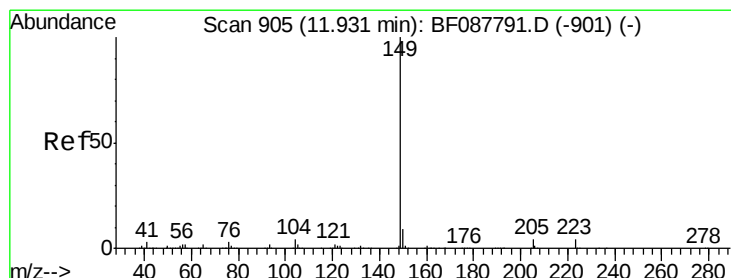
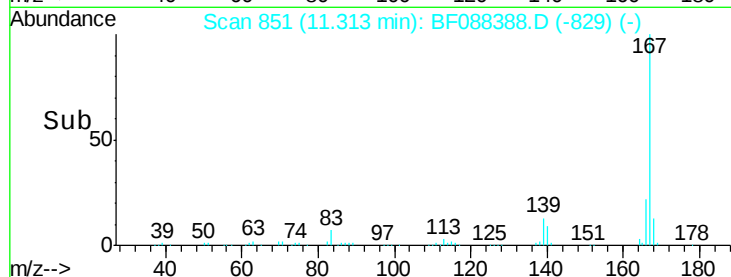
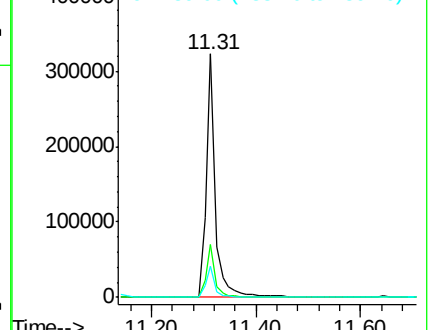
139 12.7 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 39.27 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

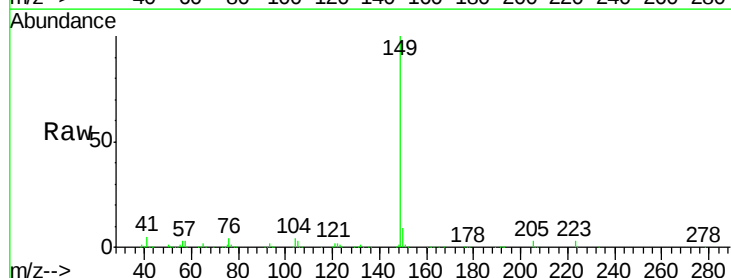
Tgt Ion:149 Resp: 533986

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

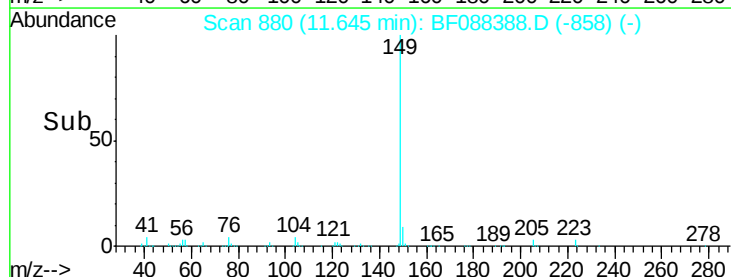
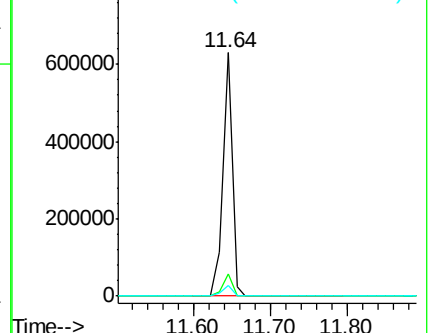
104 4.4 4.0 6.0

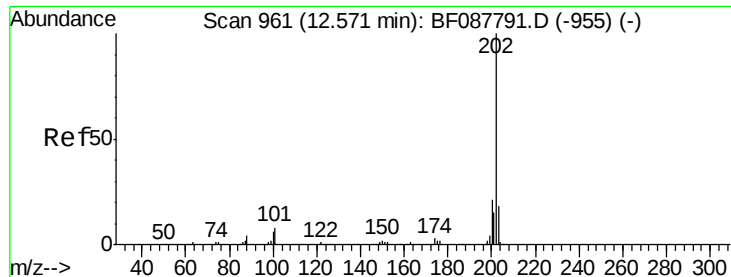


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 30.34 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

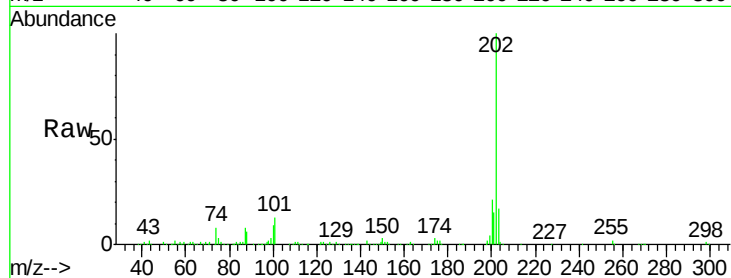
Tgt Ion:202 Resp: 364357

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.1

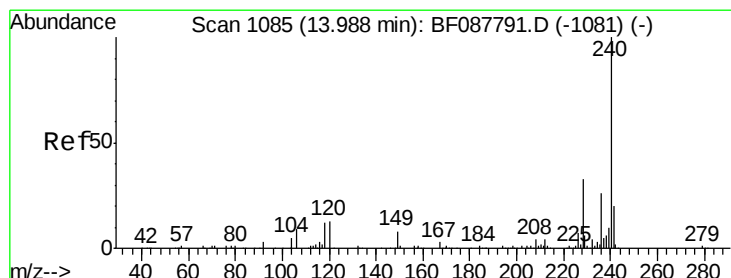
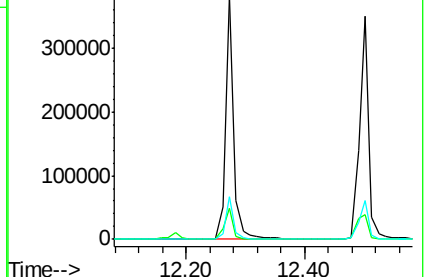
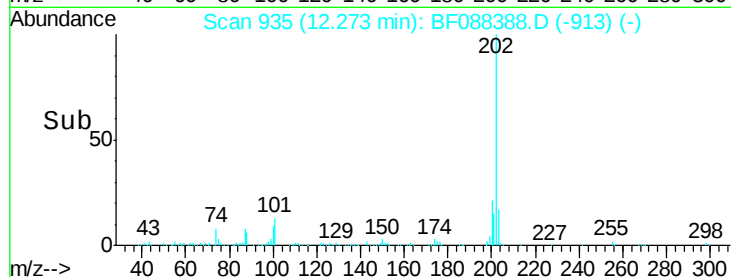
203 17.5 0.0 38.1



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: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

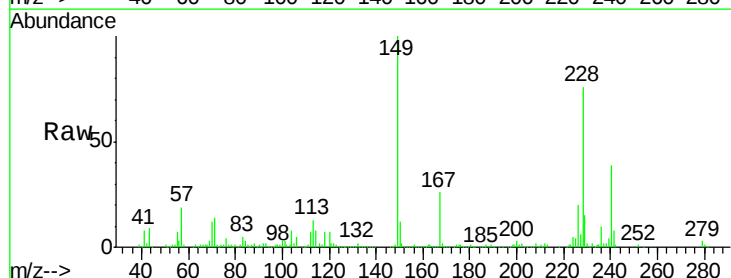
Tgt Ion:240 Resp: 142681

Ion Ratio Lower Upper

240 100

120 18.6 6.8 10.2#

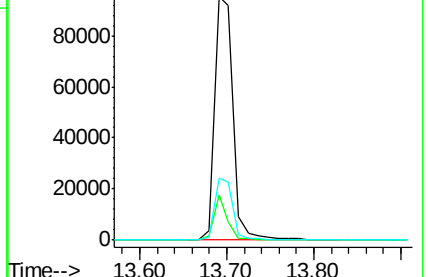
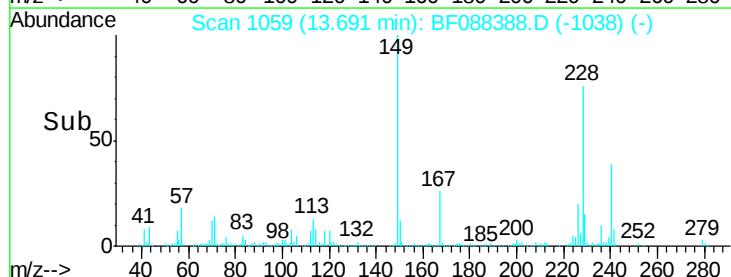
236 25.5 20.2 30.2

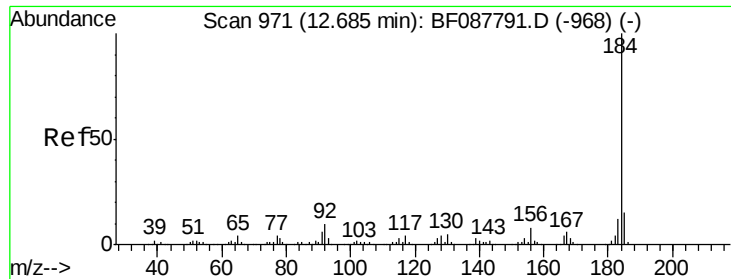


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 42.16 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

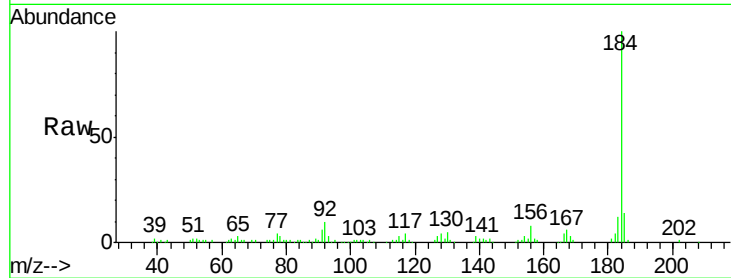
Tgt Ion:184 Resp: 166575

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

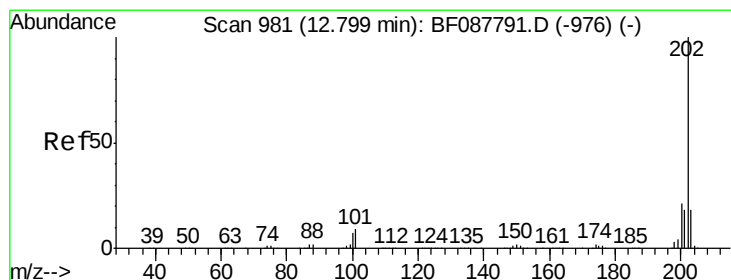
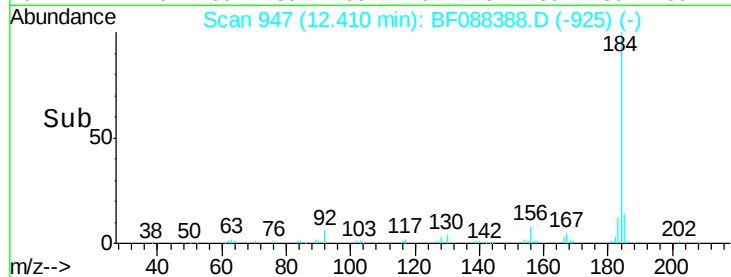
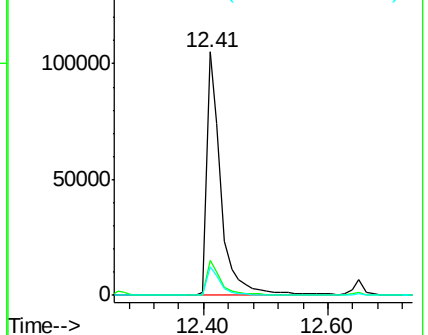
183 11.6 9.3 13.9



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: 35.44 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

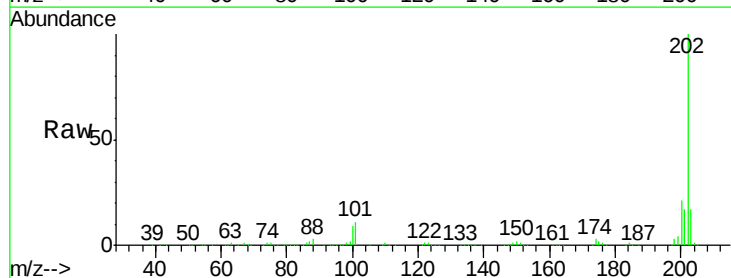
Tgt Ion:202 Resp: 375234

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

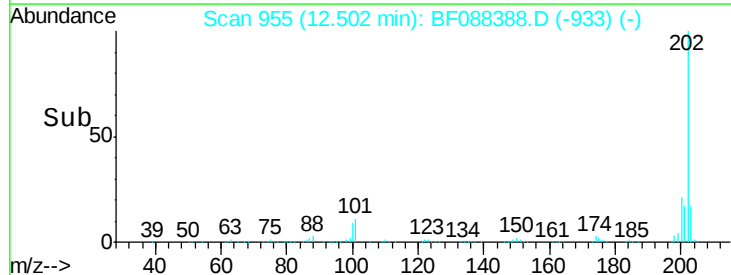
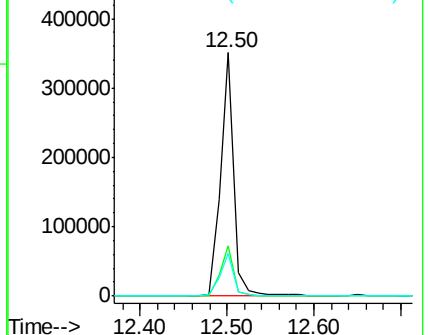
203 17.4 14.5 21.7

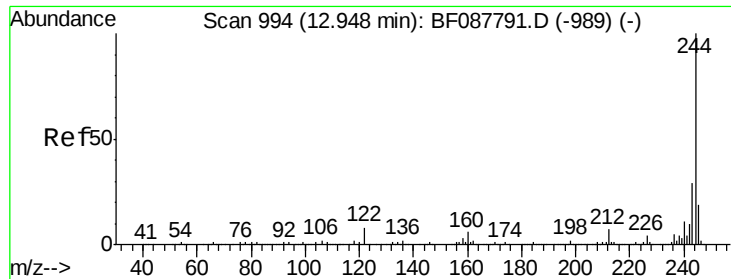


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

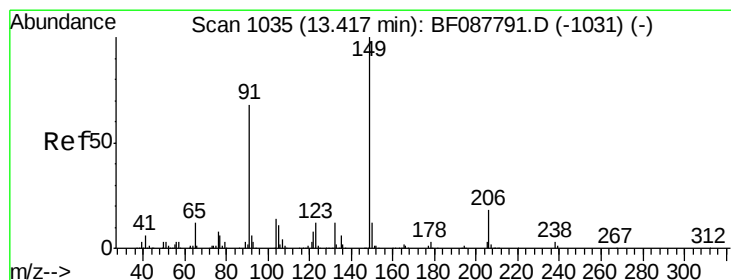
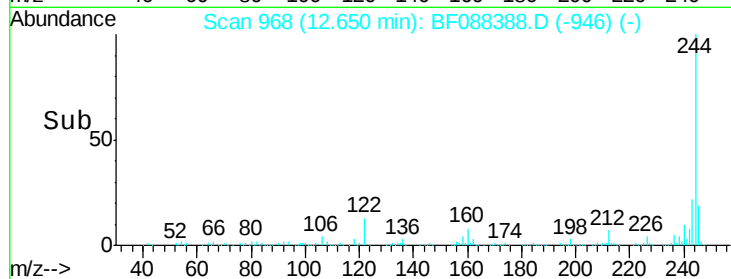
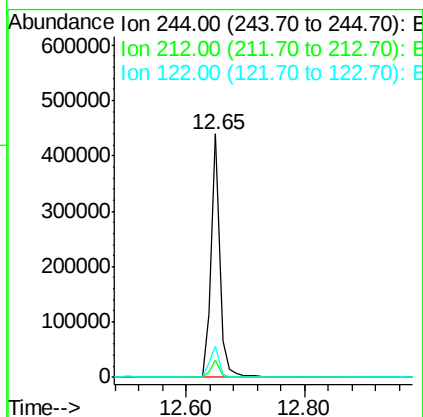
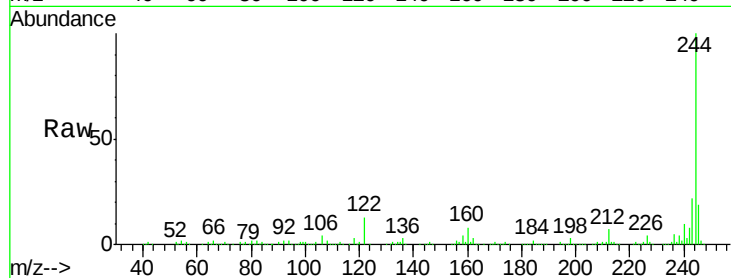




#78
 Terphenyl-d14
 Concen: 71.77 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

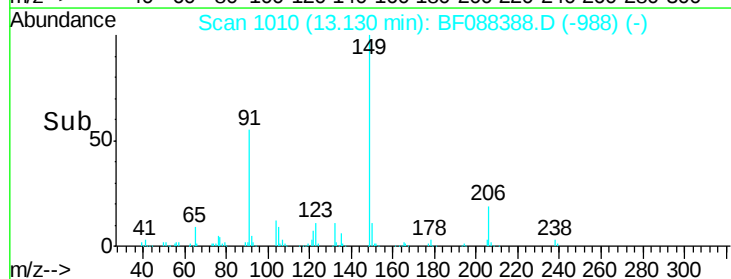
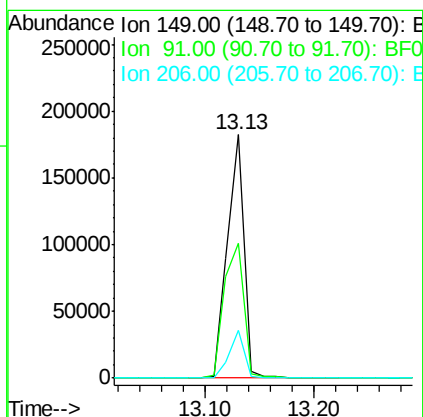
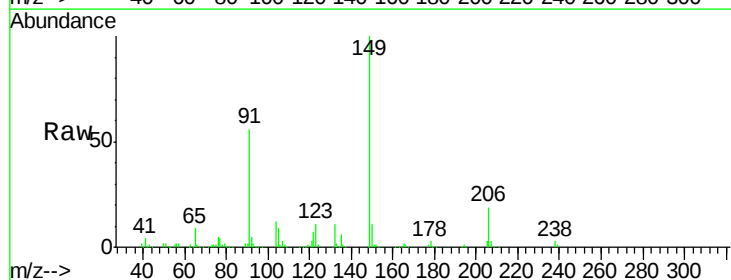
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMS

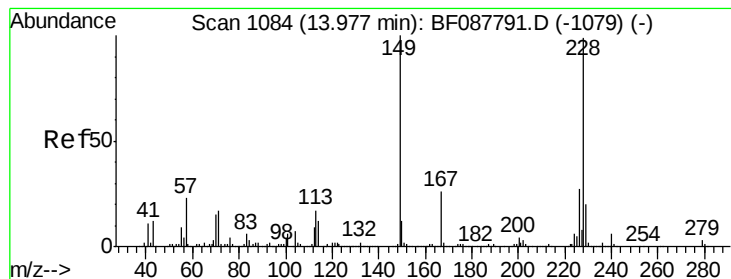
Tgt Ion:244 Resp: 450039
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.6 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 41.58 ng
 RT: 13.13 min Scan# 1010
 Delta R.T. -0.05 min
 Lab File: BF088388.D
 Acq: 25 Jun 2016 20:37

Tgt Ion:149 Resp: 194614
 Ion Ratio Lower Upper
 149 100
 91 55.5 48.0 72.0
 206 19.4 16.0 24.0

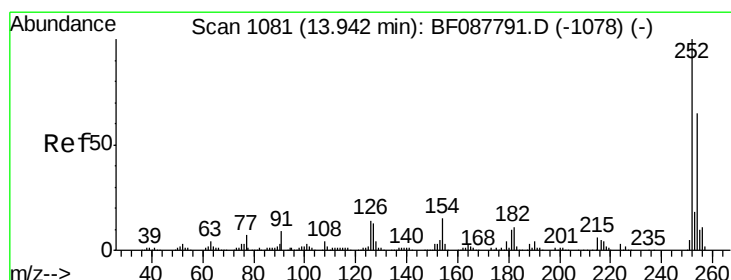
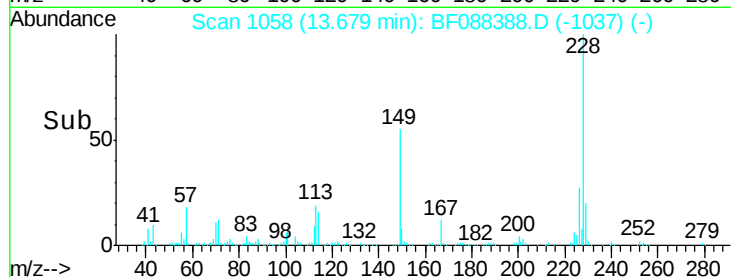
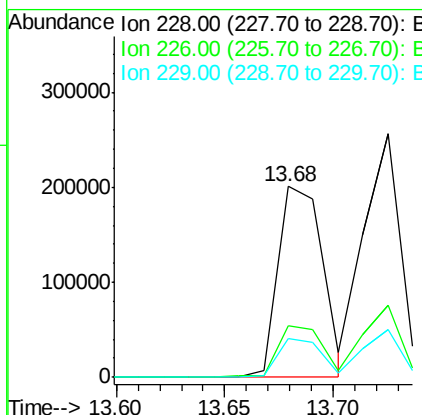
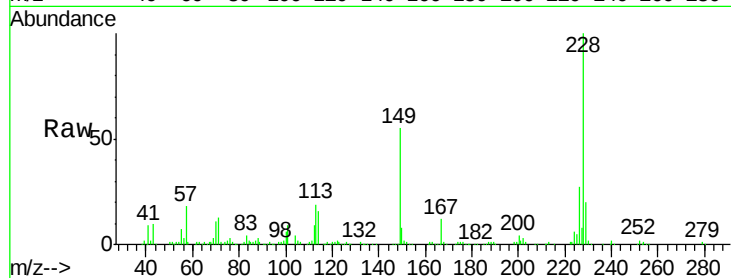




#80
Benzo(a)anthracene
Concen: 35.55 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.06 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

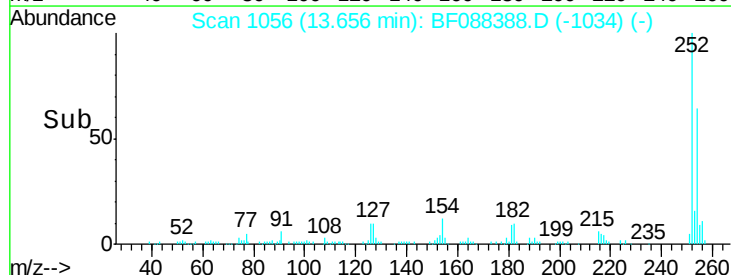
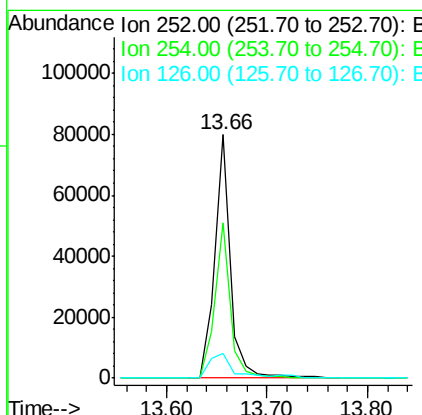
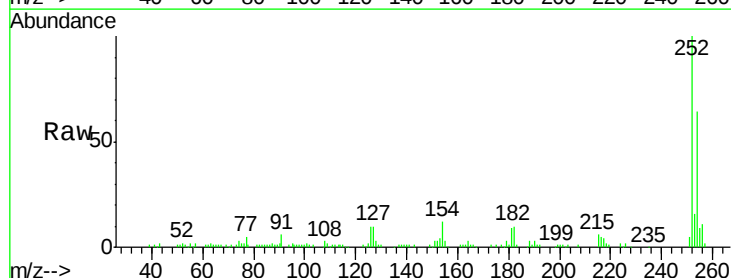
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

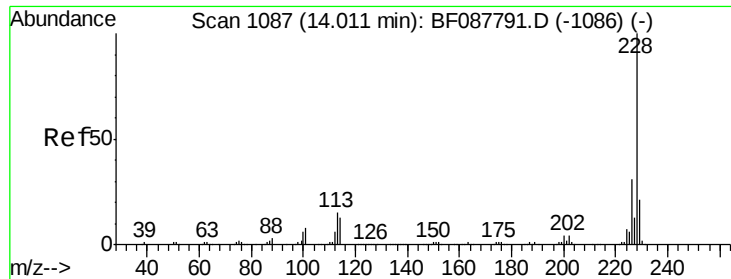
Tgt Ion:228 Resp: 289044
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 20.1 16.0 24.0



#81
3,3'-Dichlorobenzidine
Concen: 39.66 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion:252 Resp: 86720
Ion Ratio Lower Upper
252 100
254 63.9 52.6 78.8
126 10.3 6.2 9.2#





#82

Chrysene

Concen: 42.34 ng

RT: 13.72 min Scan# 1062

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

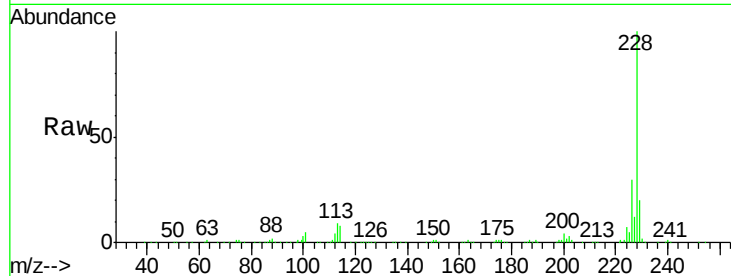
Tgt Ion:228 Resp: 323883

Ion Ratio Lower Upper

228 100

226 29.6 25.4 38.2

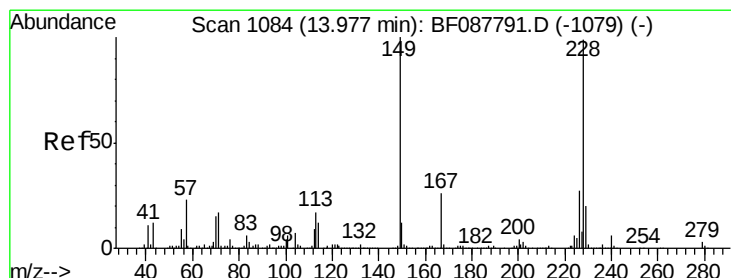
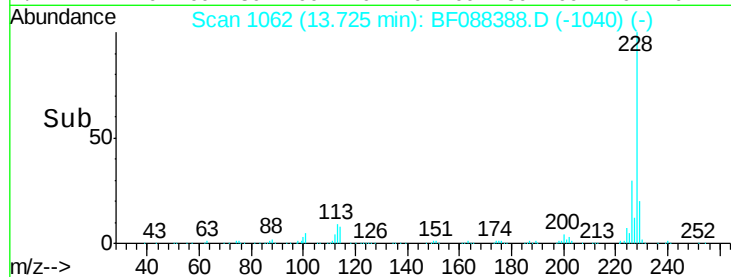
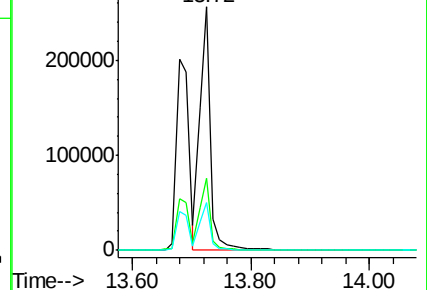
229 19.5 16.3 24.5



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: 44.86 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

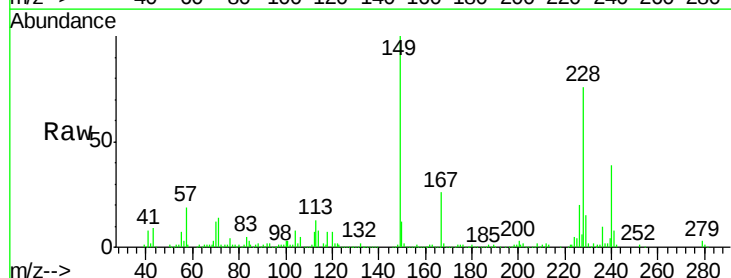
Tgt Ion:149 Resp: 255623

Ion Ratio Lower Upper

149 100

167 26.5 20.5 30.7

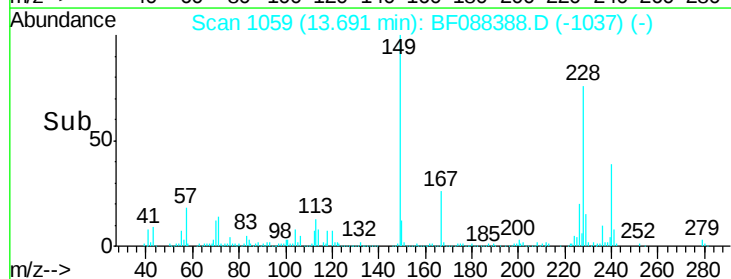
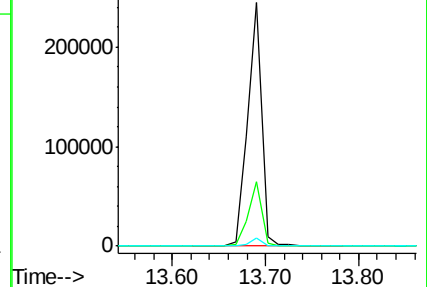
279 3.4 2.0 3.0#

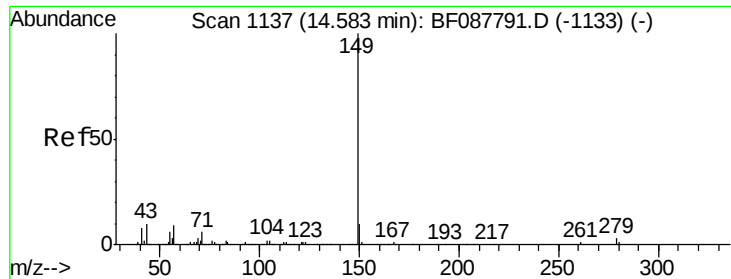


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

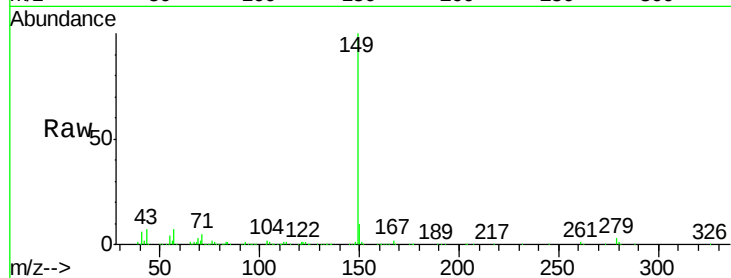




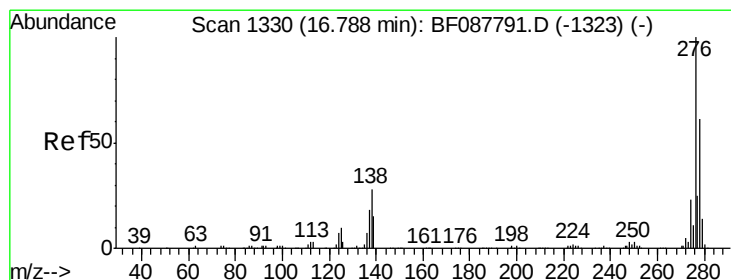
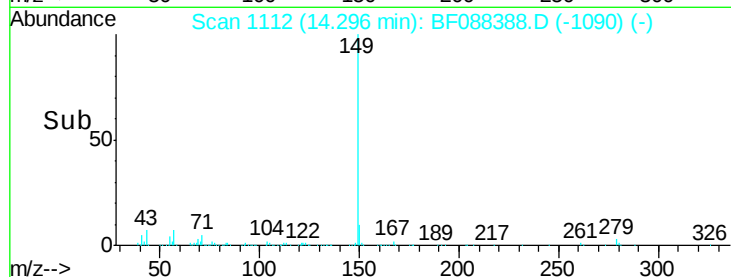
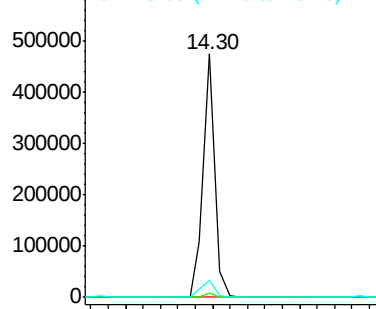
#84
Di-n-octyl phthalate
Concen: 47.88 ng
RT: 14.30 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

Tgt Ion:149 Resp: 443313
Ion Ratio Lower Upper
149 100
167 1.6 0.0 0.0#
43 7.6 0.0 0.0#

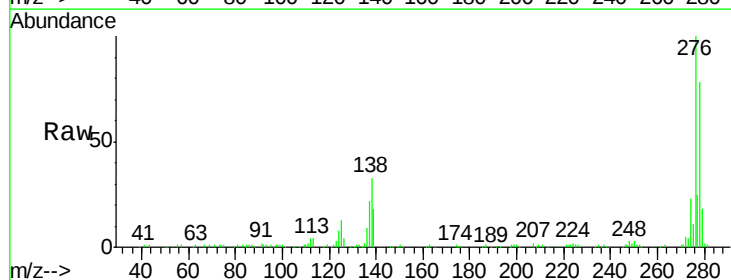


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

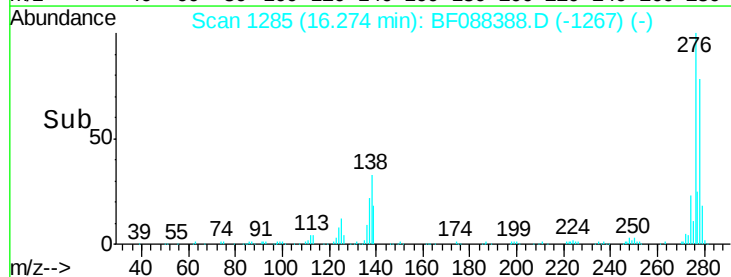
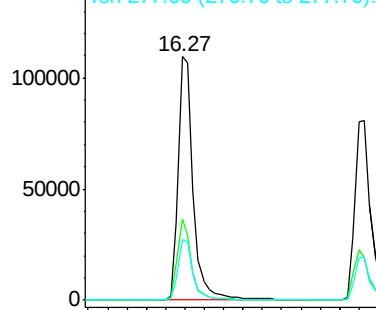


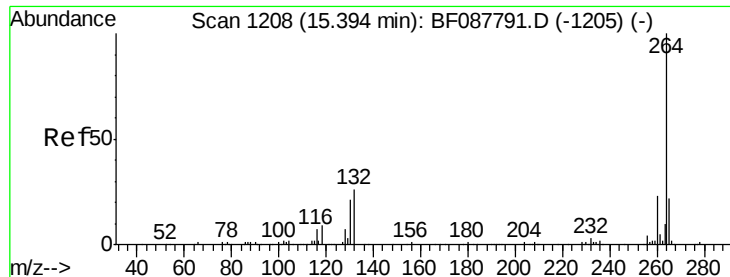
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.74 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion:276 Resp: 239782
Ion Ratio Lower Upper
276 100
138 30.8 0.0 0.0#
277 24.7 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

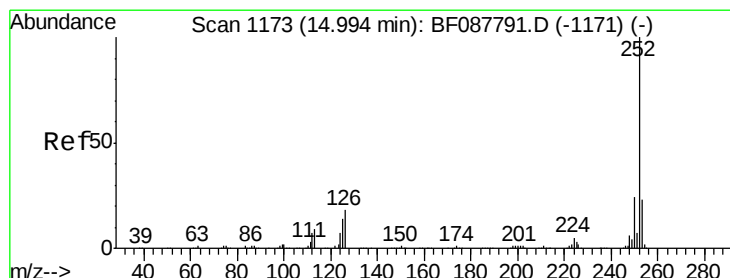
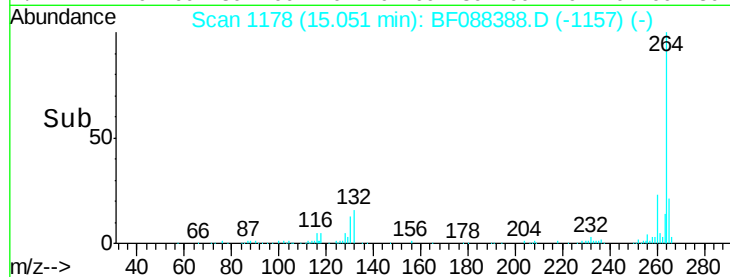
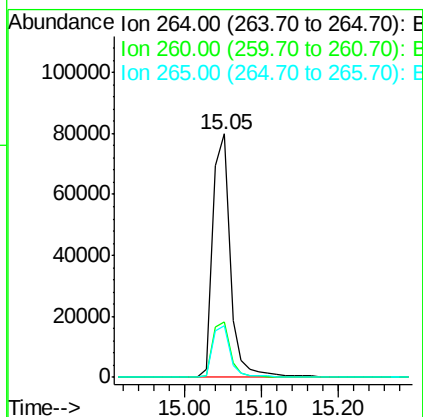
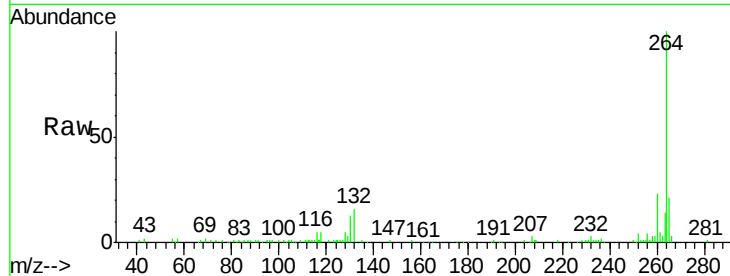




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

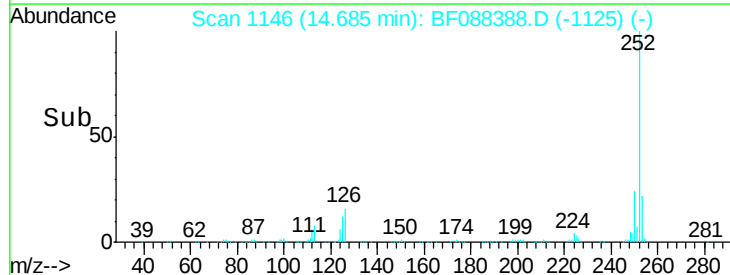
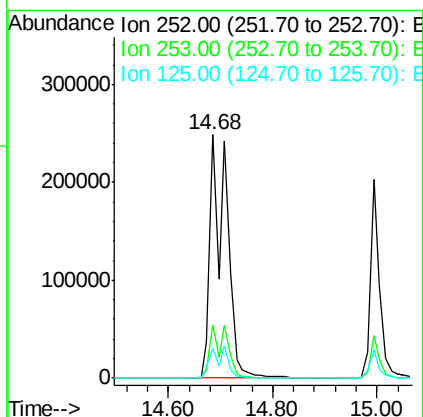
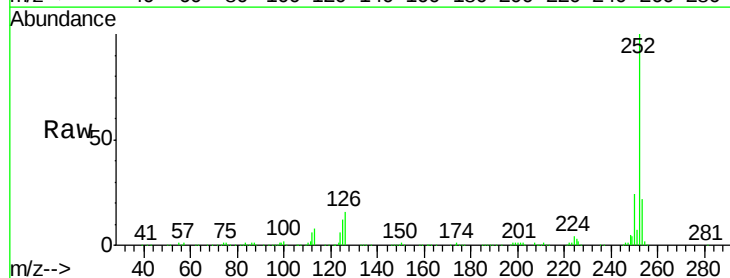
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMS

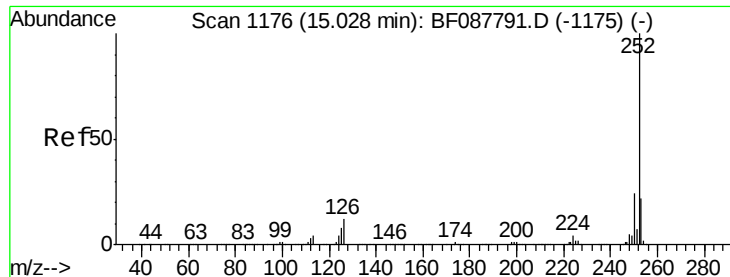
Tgt Ion:264 Resp: 126484
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 21.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 61.27 ng
RT: 14.68 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088388.D
Acq: 25 Jun 2016 20:37

Tgt Ion:252 Resp: 540174
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 12.3 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 81.23 ng

RT: 14.68 min Scan# 1146

Delta R.T. -0.08 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

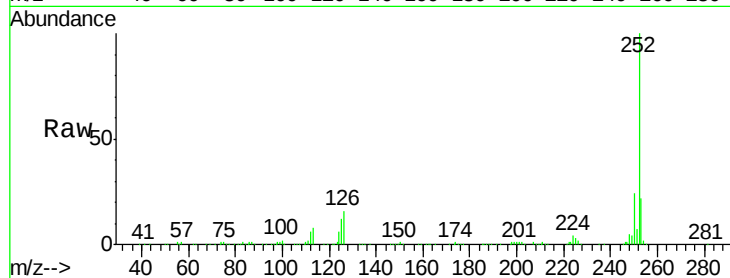
Tgt Ion:252 Resp: 540174

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

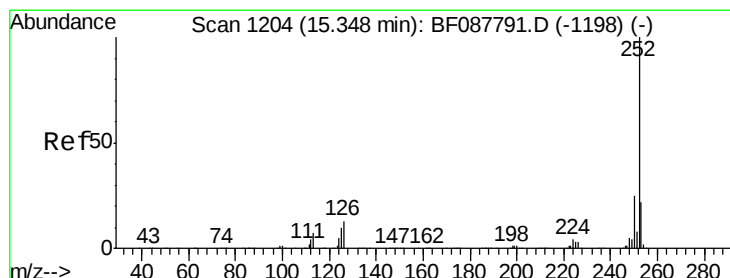
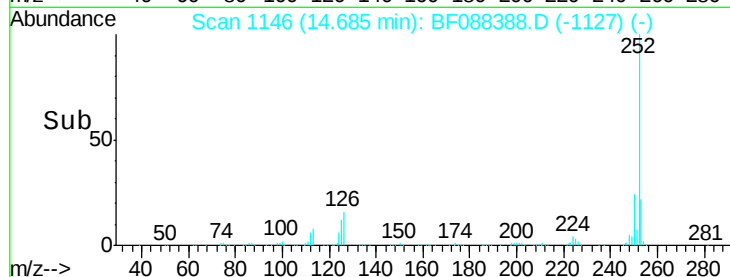
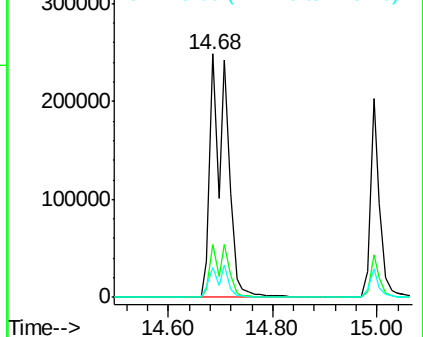
125 12.3 11.2 16.8



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: 35.51 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

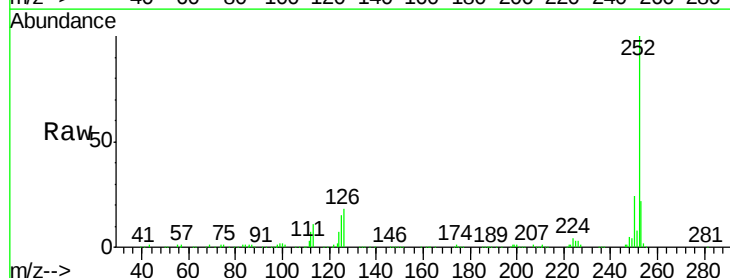
Tgt Ion:252 Resp: 253289

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

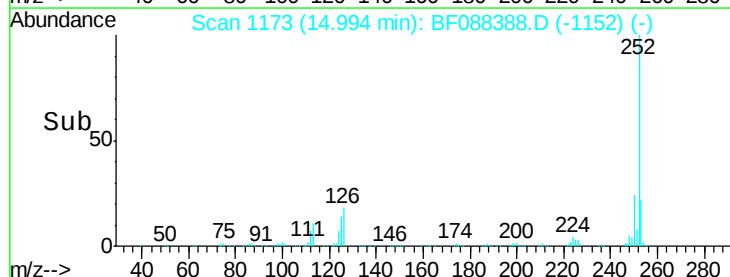
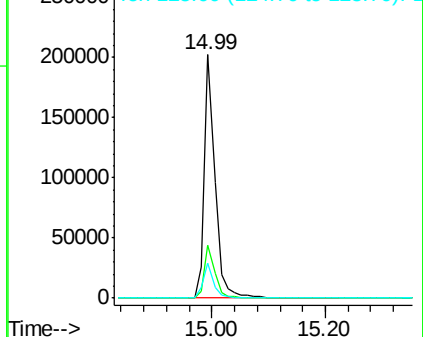
125 14.5 12.5 18.7

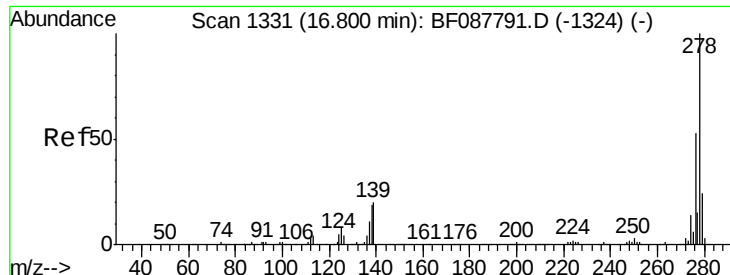


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 30.93 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMS

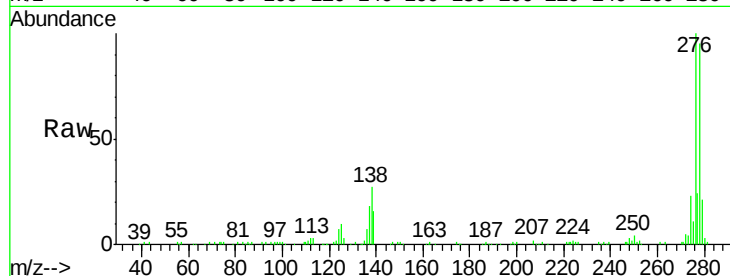
Tgt Ion:278 Resp: 204930

Ion Ratio Lower Upper

278 100

139 17.2 15.7 23.5

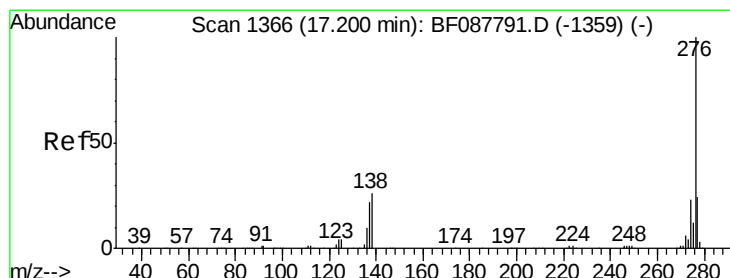
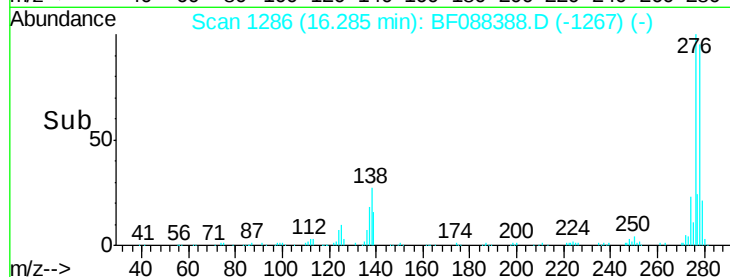
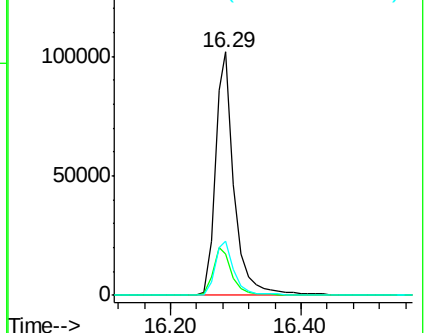
279 22.1 19.4 29.2



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: 28.72 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088388.D

Acq: 25 Jun 2016 20:37

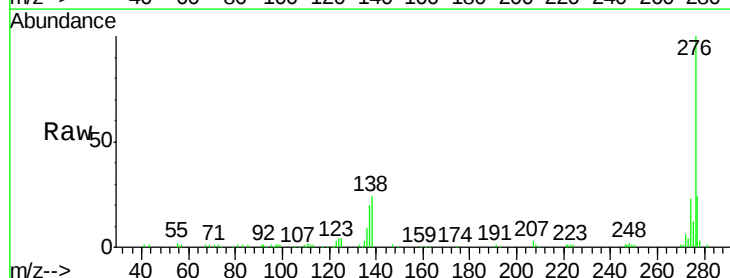
Tgt Ion:276 Resp: 195724

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 23.9 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

