

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
 Data File : BF088389.D
 Acq On : 25 Jun 2016 21:06
 Operator : UM/SJ
 Sample : H3602-09MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Jun 26 02:00:03 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	72619	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	290487	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	119390	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	188738	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	133626	20.00	ng	-0.05
86) Perylene-d12	15.05	264	118207	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	520202	122.46	ng	-0.02
7) Phenol-d6	6.24	99	618020	120.05	ng	-0.02
23) Nitrobenzene-d5	7.14	82	391804	78.76	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	133248	105.70	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	734791	97.50	ng	-0.05
78) Terphenyl-d14	12.65	244	494706	84.24	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.01	88	61184	29.64	ng	# 21
3) Pyridine	2.64	79	168585	34.59	ng	91
4) n-Nitrosodimethylamine	2.60	42	68830	33.35	ng	# 76
6) Aniline	6.23	93	145350	19.84	ng	# 90
8) 2-Chlorophenol	6.35	128	219830	43.72	ng	92
10) Phenol	6.25	94	257116	48.57	ng	83
11) bis(2-Chloroethyl)ether	6.31	93	215527	47.75	ng	90
12) 1,3-Dichlorobenzene	6.73	146	177493	32.90	ng	99
13) 1,4-Dichlorobenzene	6.58	146	212906	39.18	ng	97
14) 1,2-Dichlorobenzene	6.58	146	216142	43.73	ng	98
15) Benzyl Alcohol	6.73	79	144715	35.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	198382	32.53	ng	# 1
17) 2-Methylphenol	6.86	107	159589	39.14	ng	# 86
18) Hexachloroethane	7.07	117	62097	32.20	ng	# 88
19) n-Nitroso-di-n-propylamine	7.00	70	143990	43.72	ng	# 78
20) 3+4-Methylphenols	7.02	107	217255	45.67	ng	# 78
22) Acetophenone	6.99	105	296105	45.61	ng	96
24) Nitrobenzene	7.16	77	198366	41.17	ng	99
25) Isophorone	7.40	82	374127	40.60	ng	95
26) 2-Nitrophenol	7.47	139	107271	41.56	ng	92
27) 2,4-Dimethylphenol	7.54	122	172484	36.29	ng	99
28) bis(2-Chloroethoxy)methane	7.62	93	250662	43.86	ng	98
29) 2,4-Dichlorophenol	7.74	162	172147	43.38	ng	92
30) 1,2,4-Trichlorobenzene	7.79	180	169929	39.33	ng	99
31) Naphthalene	7.87	128	623664	43.38	ng	99
32) Benzoic acid	7.54	122	172484	65.91	ng	# 10
33) 4-Chloroaniline	7.94	127	118981	18.54	ng	96
34) Hexachlorobutadiene	7.99	225	87012	38.18	ng	98
35) Caprolactam	8.32	113	50608	38.50	ng	# 80
36) 4-Chloro-3-methylphenol	8.44	107	180089	42.44	ng	95
37) 2-Methylnaphthalene	8.56	142	361047	38.11	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	165271	59.78	ng	# 1
42) 2,4,6-Trichlorophenol	8.86	196	104718	43.86	ng	98
43) 2,4,5-Trichlorophenol	8.90	196	104453	42.05	ng	# 80

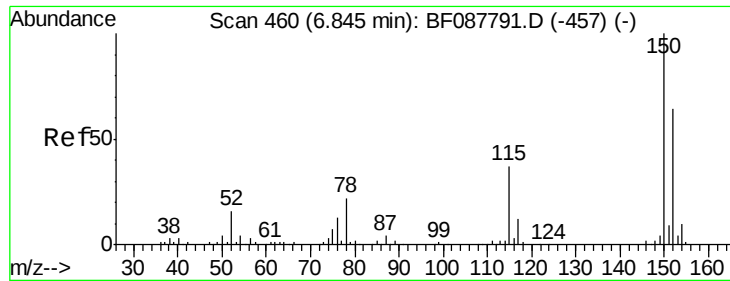
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.03	154	464865	52.97	ng	98
46) 2-Chloronaphthalene	9.05	162	359751	46.56	ng	97
47) 2-Nitroaniline	9.16	65	104835	46.00	ng #	69
48) Acenaphthylene	9.46	152	540787	44.01	ng	99
49) Dimethylphthalate	9.34	163	485200	56.10	ng	99
50) 2,6-Dinitrotoluene	9.40	165	90714	45.80	ng #	83
51) Acenaphthene	9.63	154	314744	41.06	ng	98
52) 3-Nitroaniline	9.58	138	80011	35.01	ng	84
54) Dibenzofuran	9.80	168	460675	43.63	ng	94
55) 4-Nitrophenol	9.80	139	274027	154.48	ng #	12
56) 2,4-Dinitrotoluene	9.80	165	101929	40.04	ng #	36
57) Fluorene	10.14	166	329197	46.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	81596	41.80	ng #	59
59) Diethylphthalate	10.03	149	417733	47.72	ng	99
60) 4-Chlorophenyl-phenylether	10.14	204	154985	44.14	ng	97
61) 4-Nitroaniline	10.19	138	86977	40.12	ng	94
62) Azobenzene	10.30	77	377876	43.65	ng	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	4789	6.04	ng	88
65) n-Nitrosodiphenylamine	10.26	169	327371	52.27	ng	100
66) 4-Bromophenyl-phenylether	10.63	248	96526	47.67	ng	93
67) Hexachlorobenzene	10.68	284	94192	44.77	ng	94
68) Atrazine	10.80	200	93635	49.37	ng	98
69) Pentachlorophenol	10.89	266	64496	58.16	ng	98
70) Phenanthrene	11.10	178	440162	44.44	ng	99
71) Anthracene	11.14	178	461514	46.20	ng	98
72) Carbazole	11.31	167	446412	47.75	ng	98
73) Di-n-butylphthalate	11.64	149	568560	48.04	ng	99
74) Fluoranthene	12.27	202	400271	38.30	ng	99
76) Benzidine	12.41	184	196921	53.22	ng	98
77) Pyrene	12.50	202	418289	42.18	ng	99
79) Butylbenzylphthalate	13.13	149	218465	49.83	ng	95
80) Benzo(a)anthracene	13.69	228	334235	43.89	ng	98
81) 3,3'-Dichlorobenzidine	13.66	252	102187	49.90	ng #	97
82) Chrysene	13.73	228	386484	53.95	ng	98
83) Bis(2-ethylhexyl)phthalate	13.69	149	285344	53.47	ng #	99
84) Di-n-octyl phthalate	14.30	149	497673	57.39	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	267683	40.22	ng #	100
87) Benzo(b)fluoranthene	14.71	252	634872	77.06	ng #	95
88) Benzo(k)fluoranthene	14.71	252	634872	102.15	ng	99
89) Benzo(a)pyrene	14.99	252	294274	44.15	ng	97
90) Dibenzo(a,h)anthracene	16.29	278	229389	37.05	ng	97
91) Benzo(g,h,i)perylene	16.64	276	221378	34.76	ng	98

(#) = 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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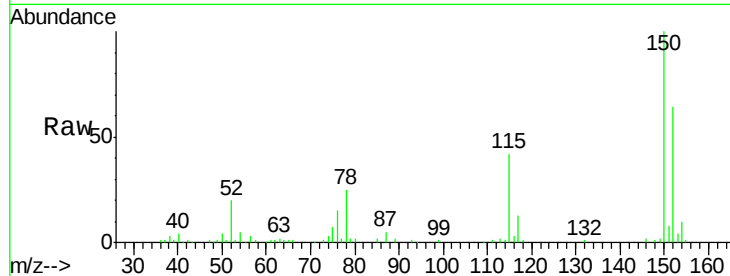
Tgt Ion:152 Resp: 72619

Ion Ratio Lower Upper

152 100

150 156.4 123.8 185.6

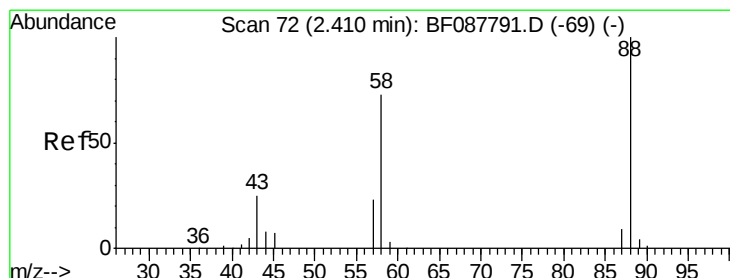
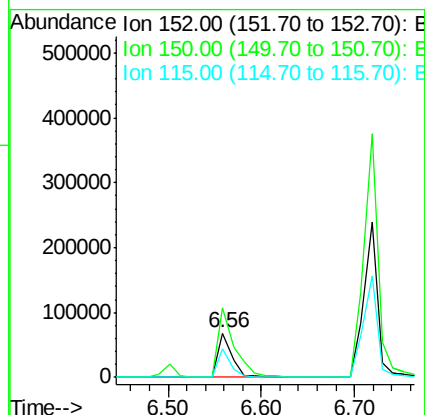
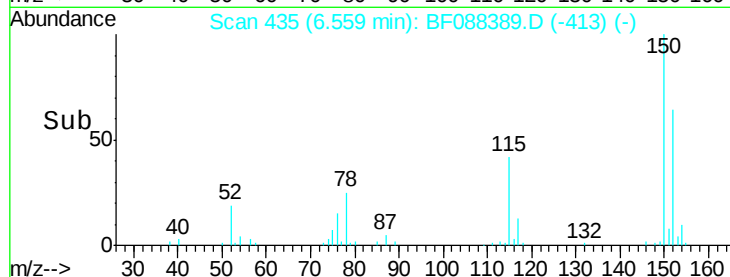
115 65.1 39.6 59.4#



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: 29.64 ng

RT: 2.01 min Scan# 37

Delta R.T. -0.01 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

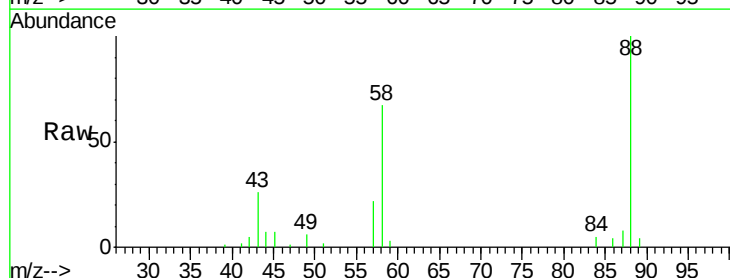
Tgt Ion: 88 Resp: 61184

Ion Ratio Lower Upper

88 100

58 69.4 0.0 0.0#

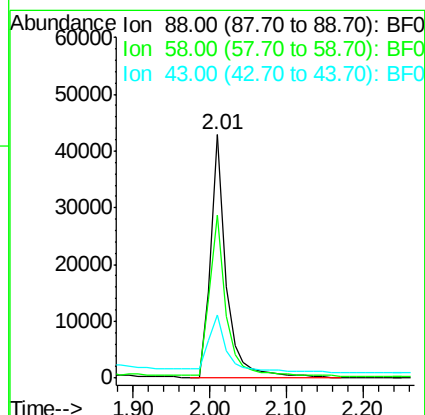
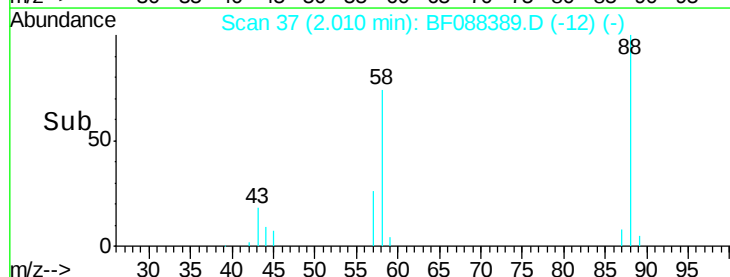
43 30.2 3.4 5.2#

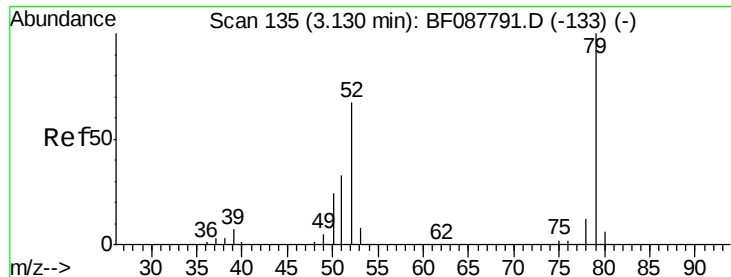


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.59 ng

RT: 2.64 min Scan# 92

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

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ClientSampleId :

PB-B1(0-12)CMSD

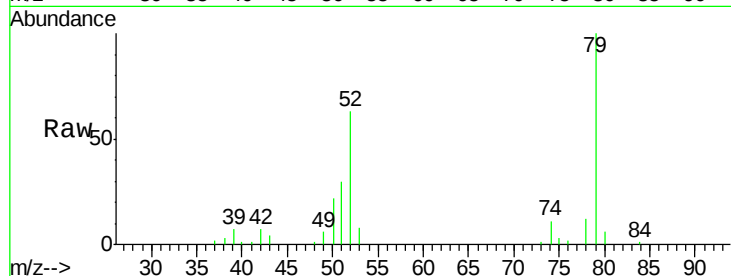
Tgt Ion: 79 Resp: 168585

Ion Ratio Lower Upper

79 100

52 62.6 56.3 84.5

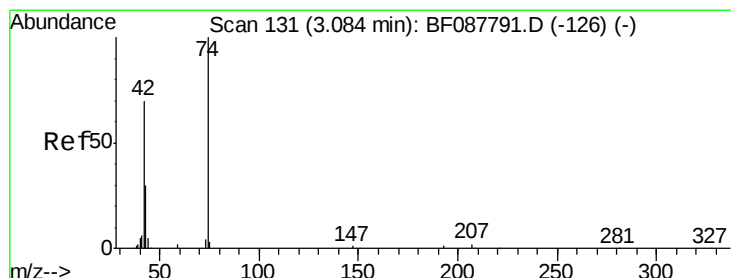
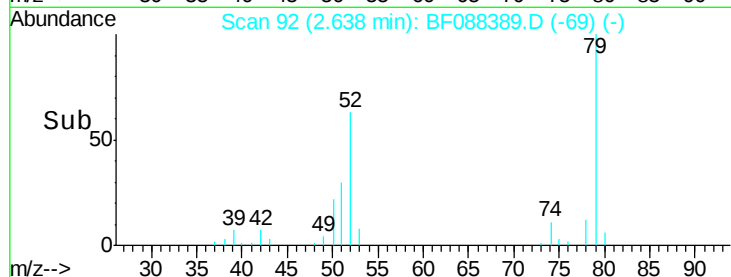
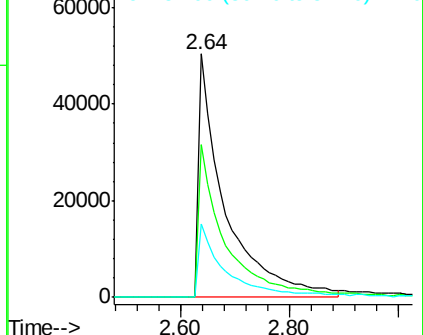
51 30.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.35 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.02 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

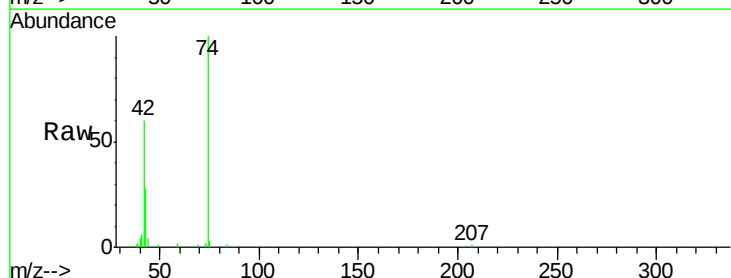
Tgt Ion: 42 Resp: 68830

Ion Ratio Lower Upper

42 100

74 166.0 108.6 163.0#

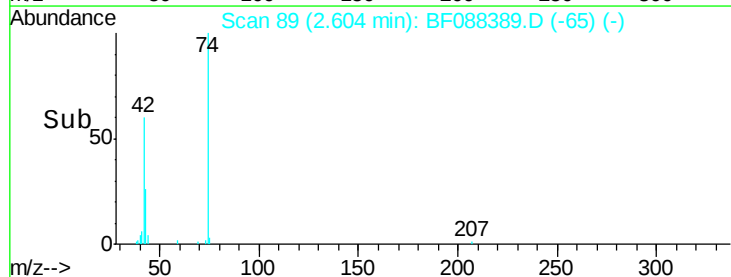
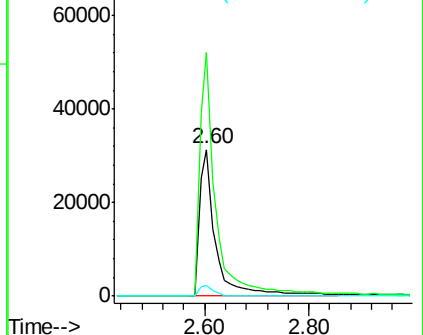
44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.46 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.02 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

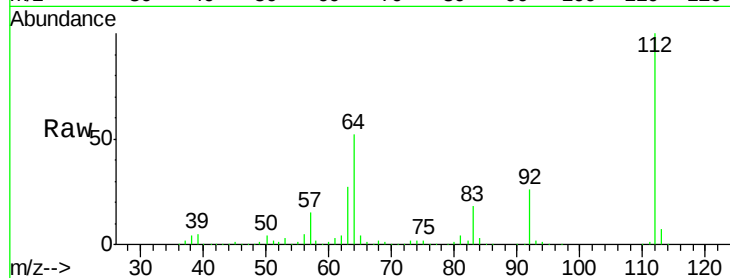
Instrument :

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PB-B1(0-12)CMSD

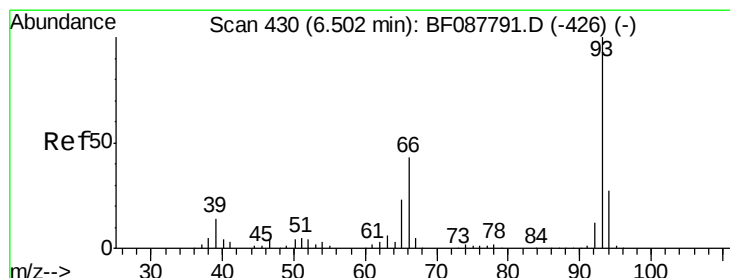
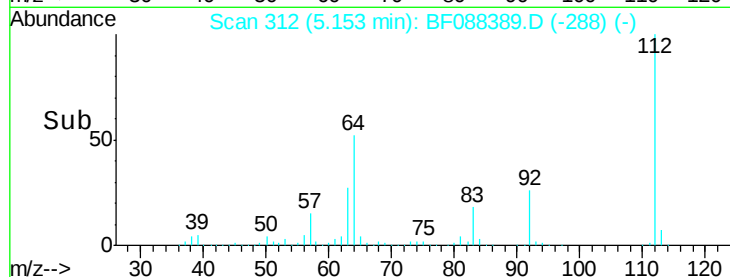
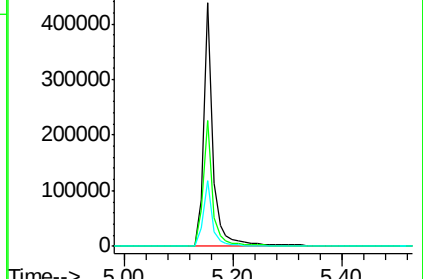
Tgt Ion:	112	Resp:	520202
Ion	Ratio	Lower	Upper
112	100		
64	51.8	42.2	63.2
63	27.1	21.8	32.8



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: 19.84 ng

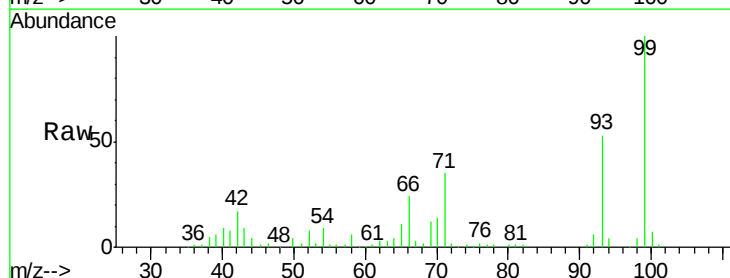
RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

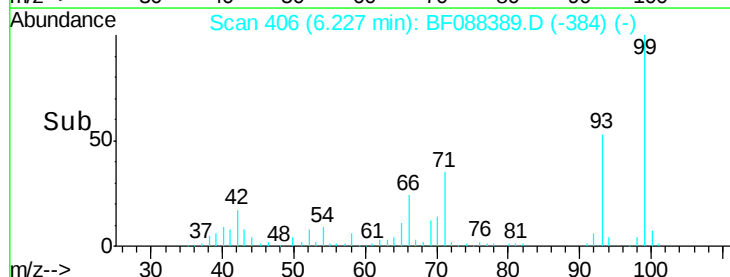
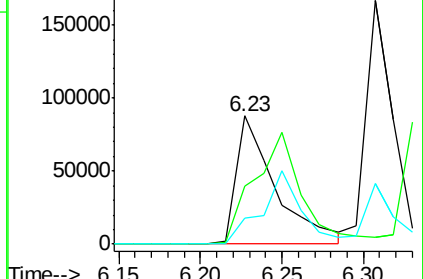
Tgt Ion:	93	Resp:	145350
Ion	Ratio	Lower	Upper
93	100		
66	45.8	29.8	44.8#
65	19.9	14.9	22.3



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: 120.05 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

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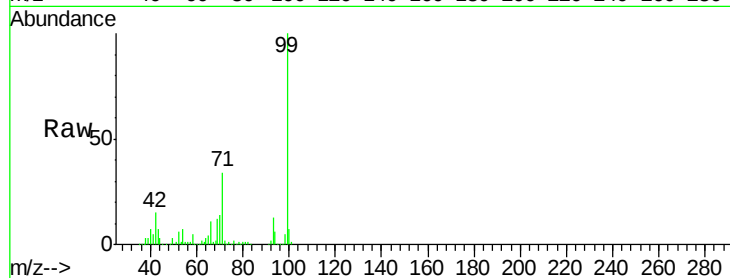
Tgt Ion: 99 Resp: 618020

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.2

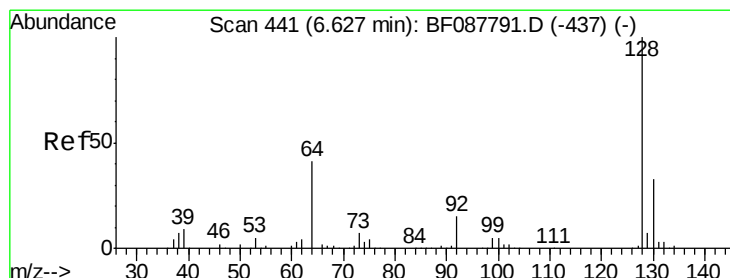
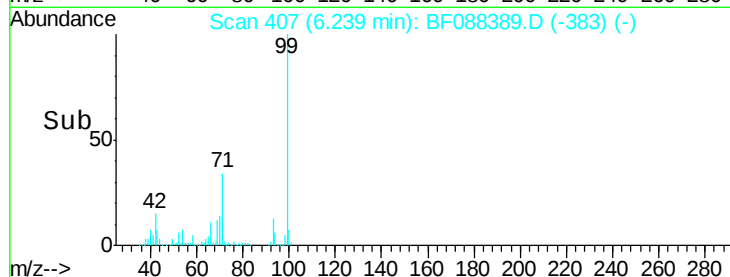
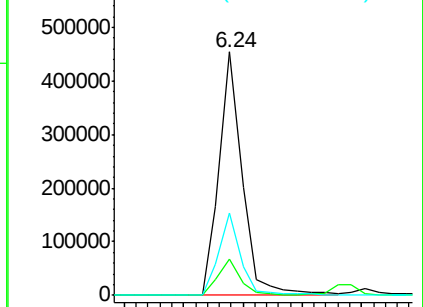
71 33.8 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.72 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

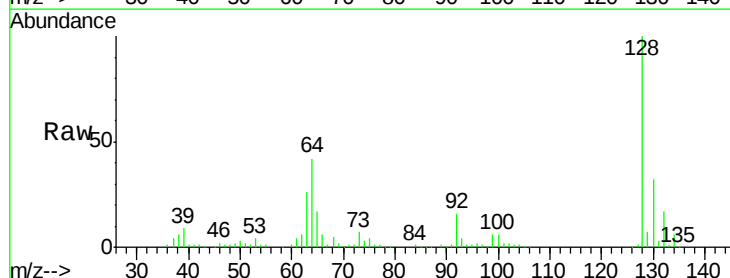
Tgt Ion: 128 Resp: 219830

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

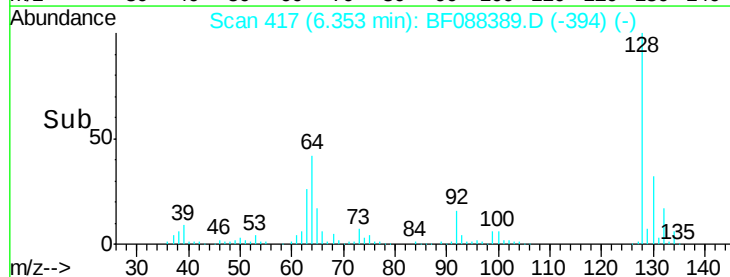
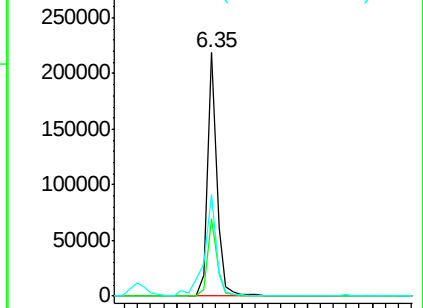
64 41.7 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 48.57 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

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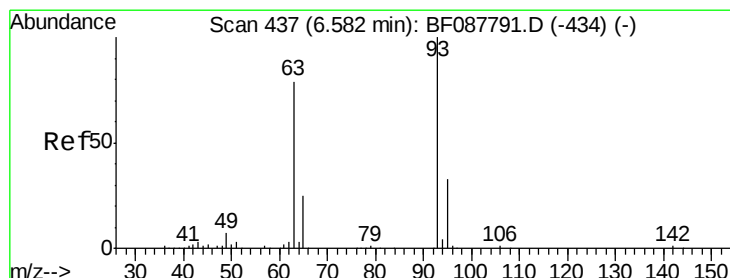
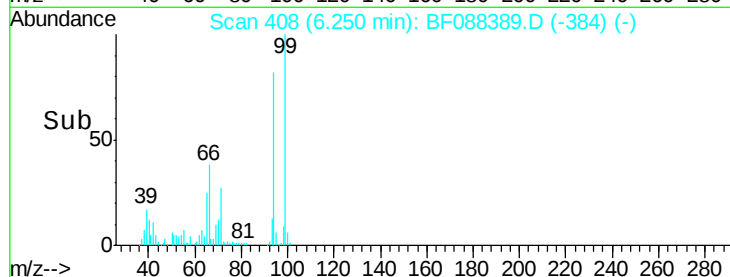
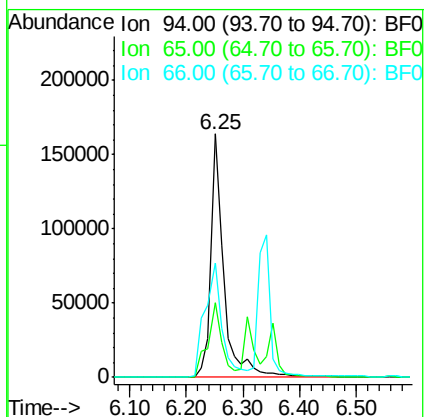
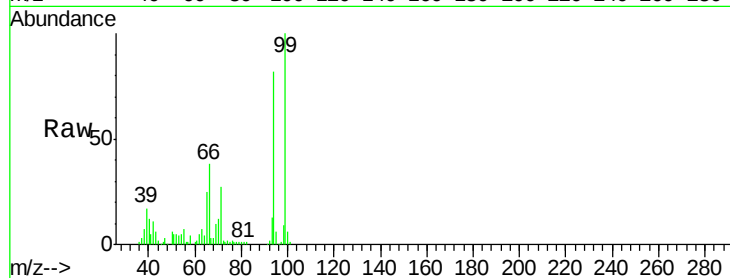
Tgt Ion: 94 Resp: 257116

Ion Ratio Lower Upper

94 100

65 30.9 5.9 45.9

66 46.9 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 47.75 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

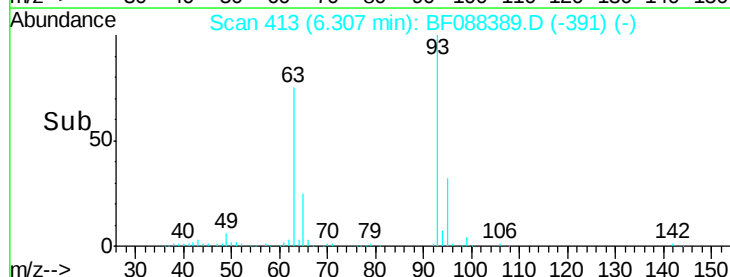
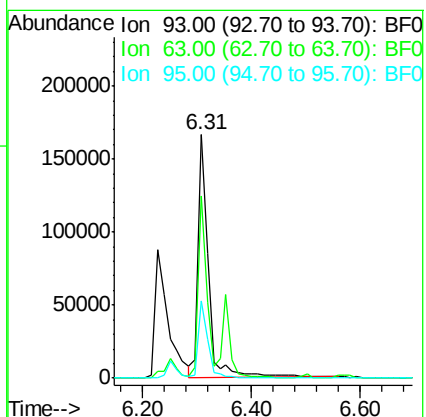
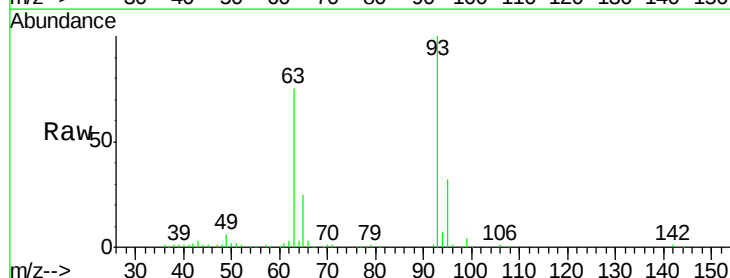
Tgt Ion: 93 Resp: 215527

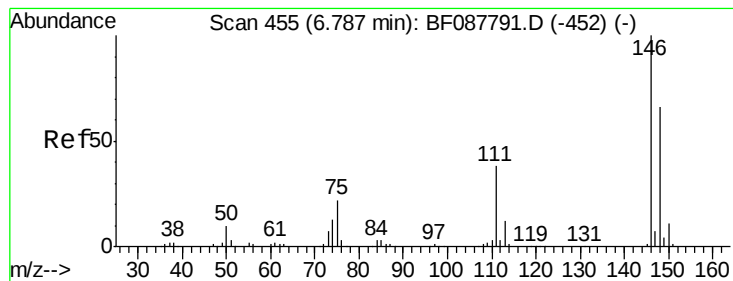
Ion Ratio Lower Upper

93 100

63 74.7 67.6 107.6

95 31.8 12.5 52.5





#12

1,3-Dichlorobenzene

Concen: 32.90 ng

RT: 6.73 min Scan# 450

Delta R.T. 0.19 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

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ClientSampleId :

PB-B1(0-12)CMSD

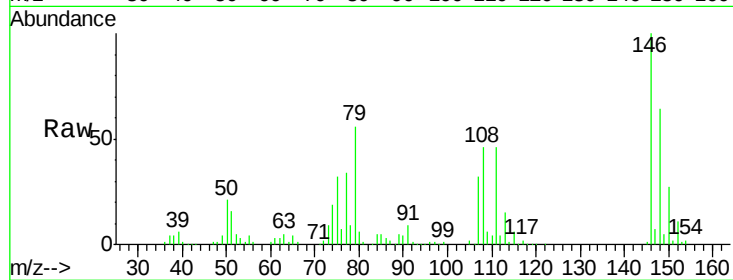
Tgt Ion:146 Resp: 177493

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

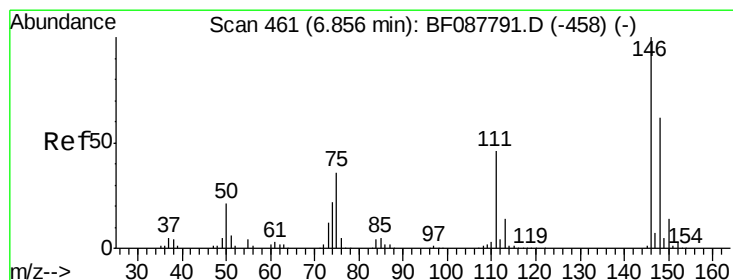
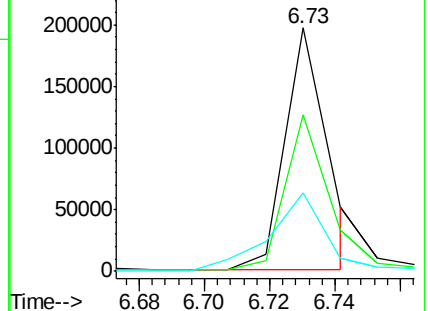
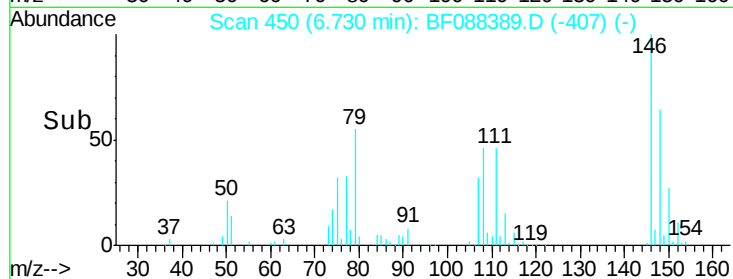
75 32.2 25.6 38.4



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: 39.18 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

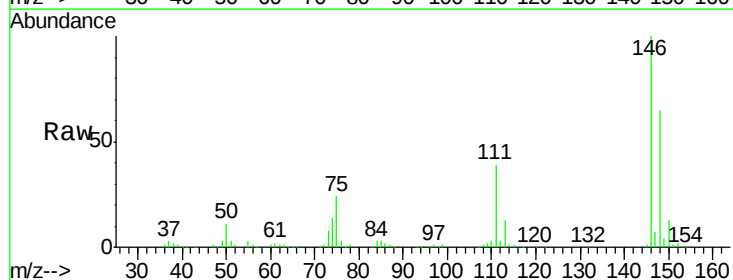
Tgt Ion:146 Resp: 212906

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

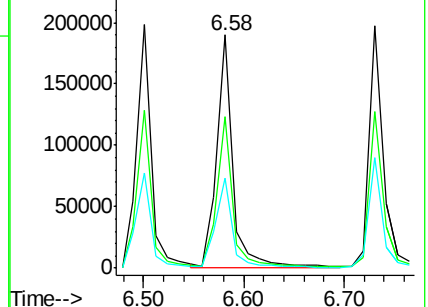
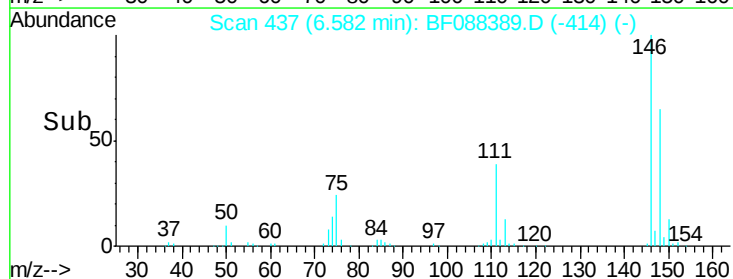
111 38.5 33.8 50.8

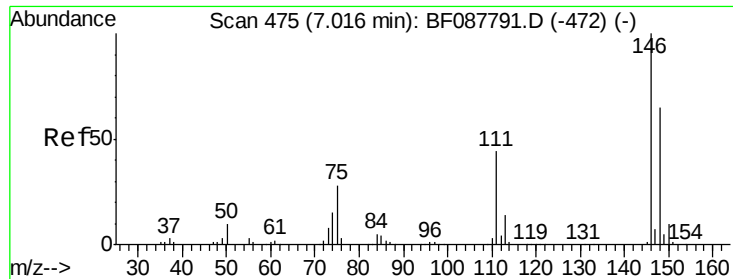


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 43.73 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.19 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

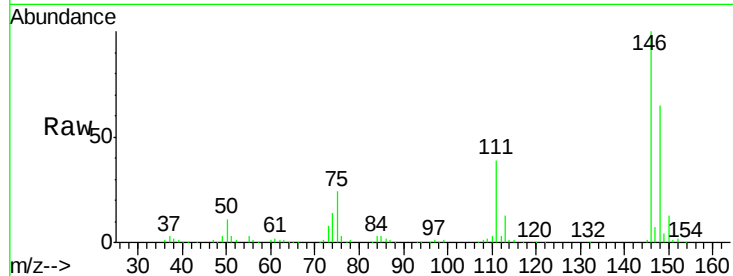
Tgt Ion:146 Resp: 216142

Ion Ratio Lower Upper

146 100

148 64.7 52.3 78.5

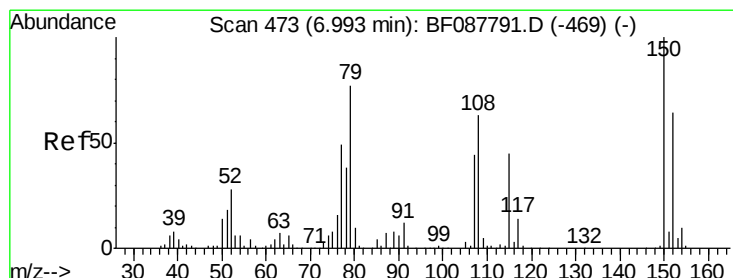
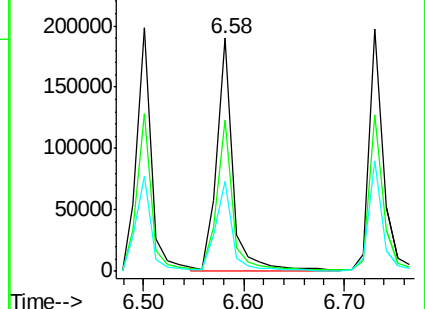
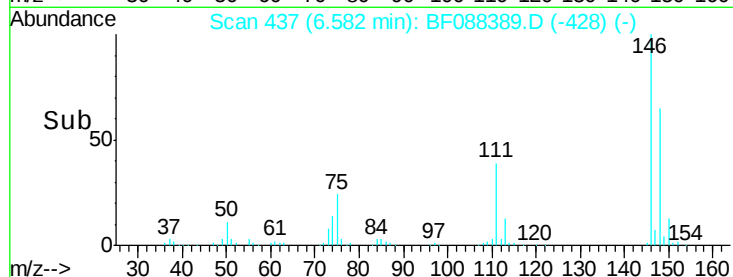
111 38.5 28.7 43.1



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: 35.93 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

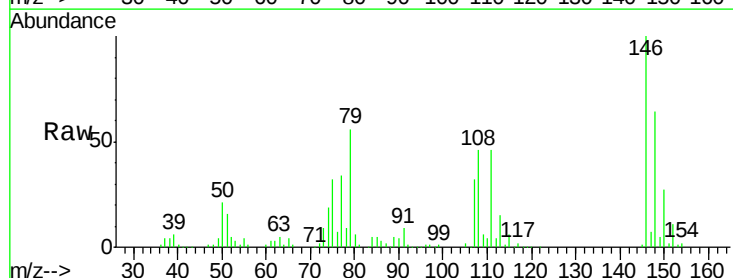
Tgt Ion: 79 Resp: 144715

Ion Ratio Lower Upper

79 100

108 82.1 65.0 97.6

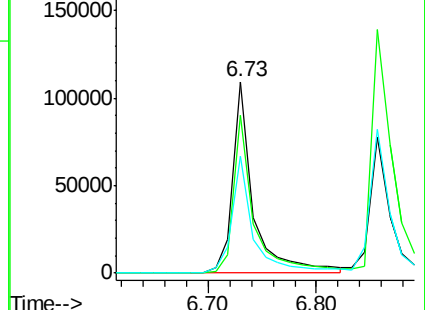
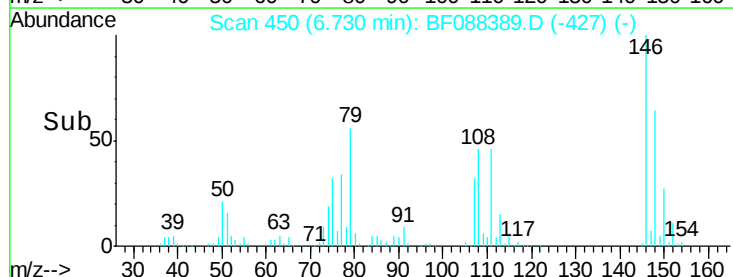
77 61.0 50.3 75.5



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

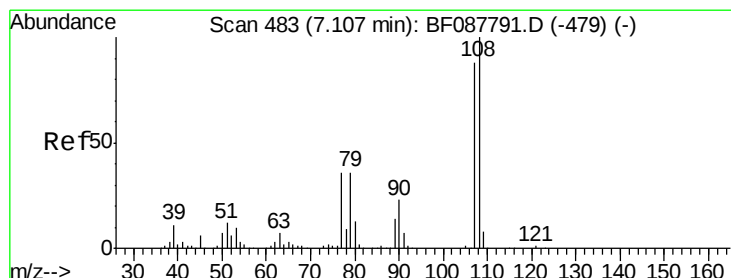
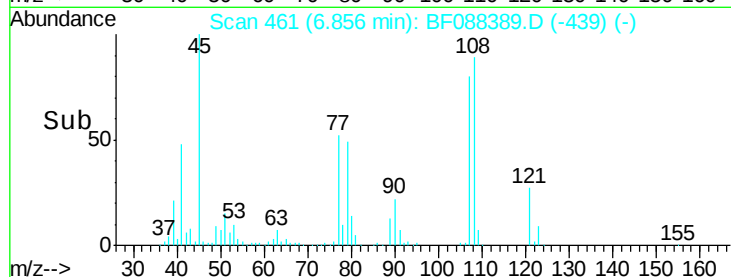
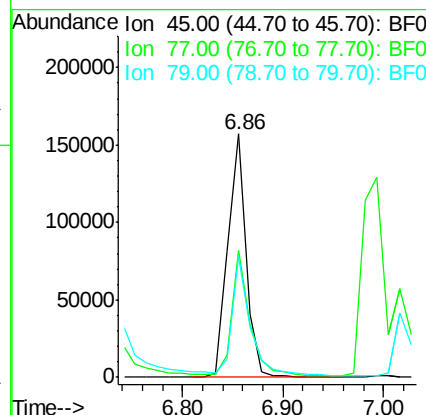
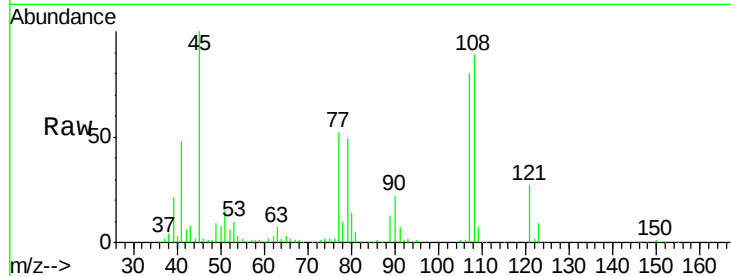




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.53 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

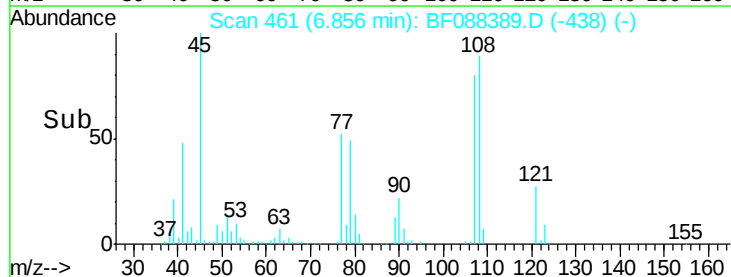
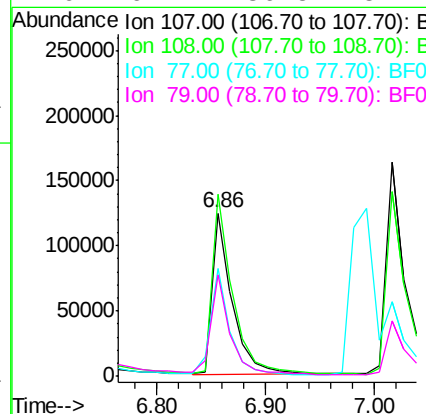
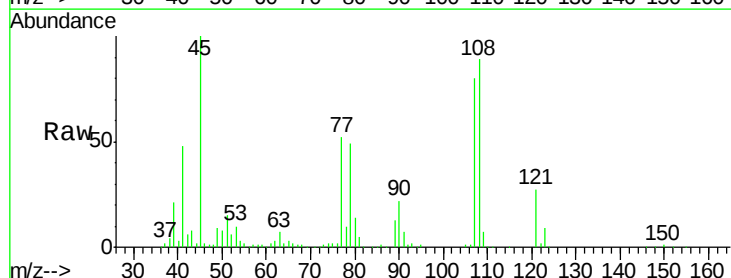
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

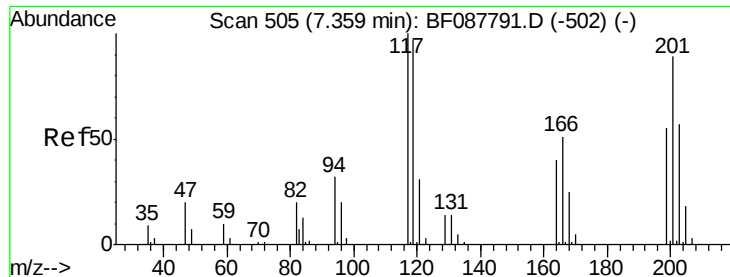
Tgt Ion: 45 Resp: 198382
Ion Ratio Lower Upper
45 100
77 52.4 0.0 32.5#
79 49.5 0.0 29.5#



#17
2-Methylphenol
Concen: 39.14 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion: 107 Resp: 159589
Ion Ratio Lower Upper
107 100
108 111.3 90.9 136.3
77 65.8 36.6 55.0#
79 62.1 36.5 54.7#

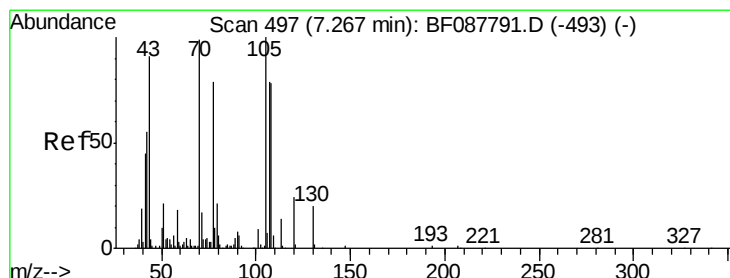
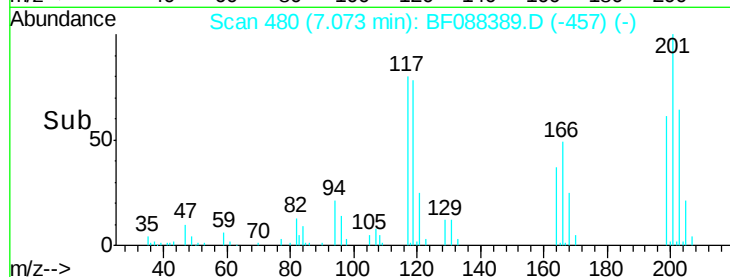
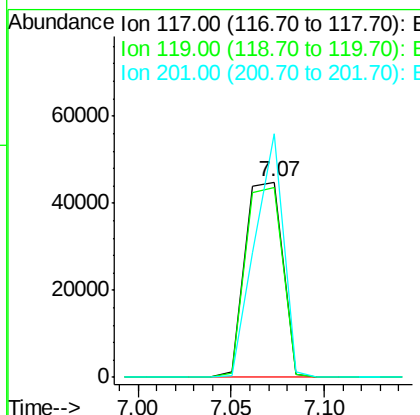
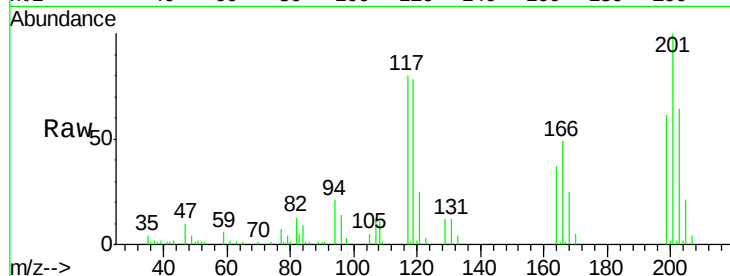




#18
Hexachloroethane
Concen: 32.20 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

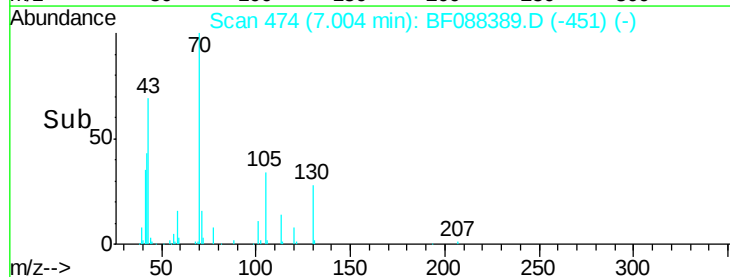
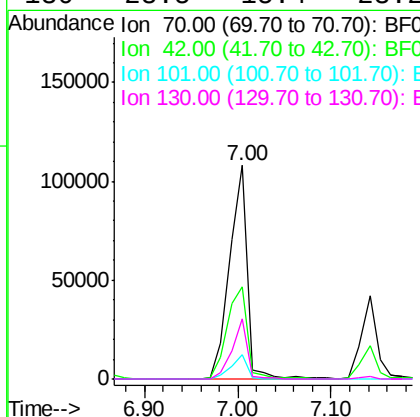
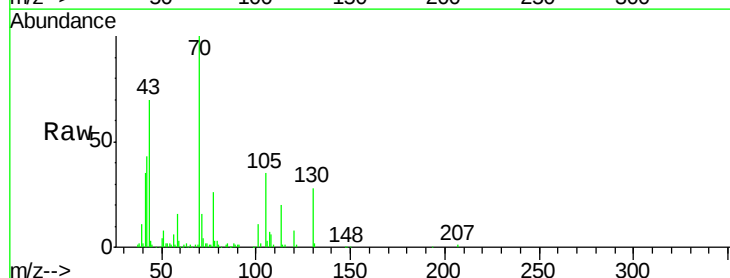
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

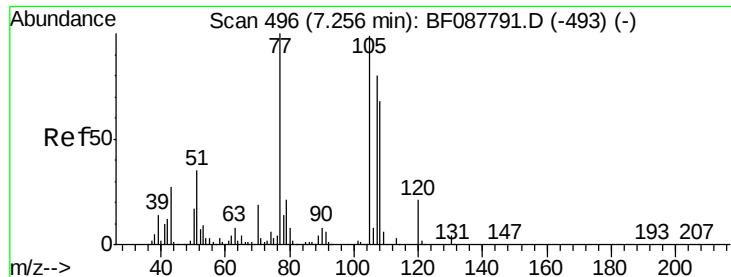
Tgt Ion:117 Resp: 62097
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.2
201 124.8 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 43.72 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion: 70 Resp: 143990
Ion Ratio Lower Upper
70 100
42 43.1 49.6 74.4#
101 11.2 7.1 10.7#
130 28.5 15.4 23.2#





#20

3+4-Methylphenols

Concen: 45.67 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

Tgt Ion:107 Resp: 217255

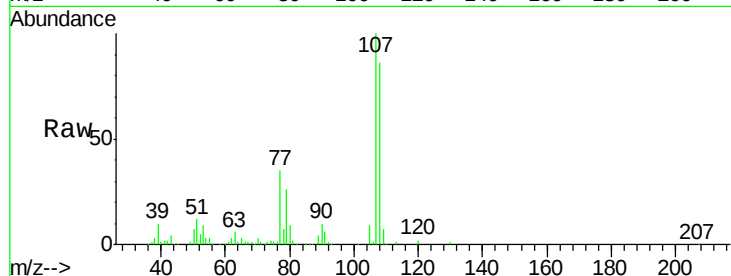
Ion Ratio Lower Upper

107 100

108 86.3 67.8 107.8

77 34.9 59.3 99.3#

79 25.6 7.0 47.0

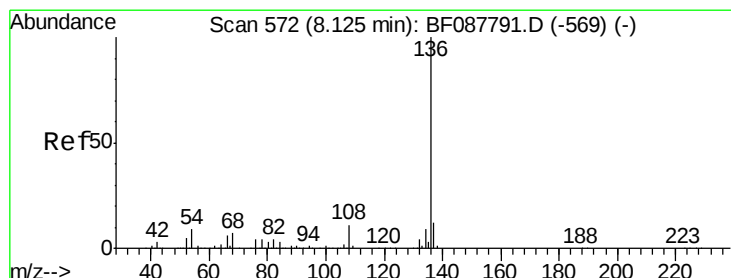
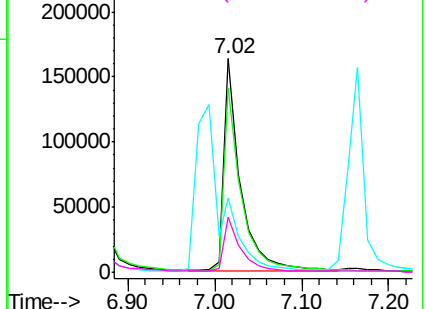
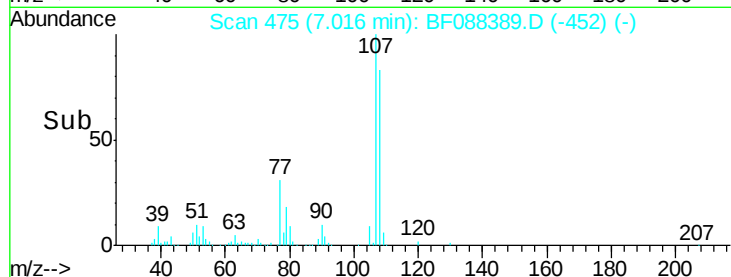


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Tgt Ion:136 Resp: 290487

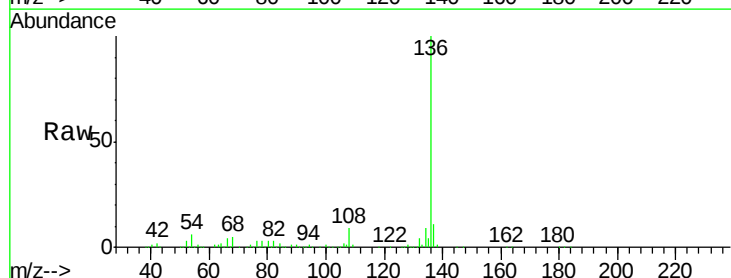
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.3 6.6 10.0#

68 5.1 5.1 7.7

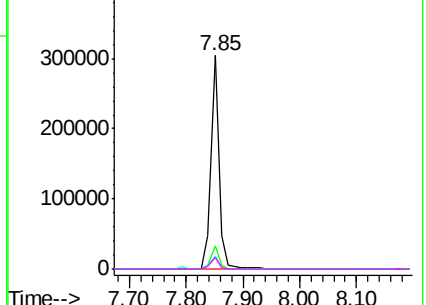
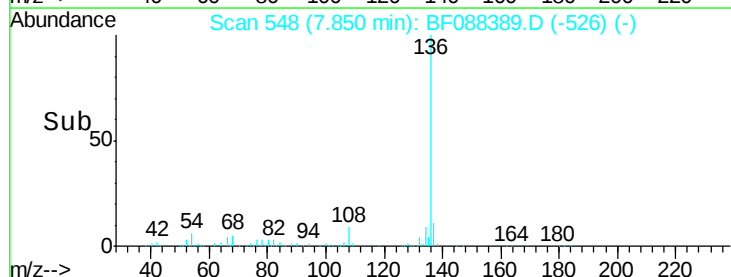


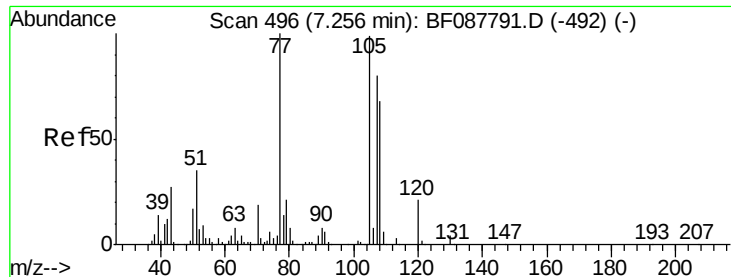
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

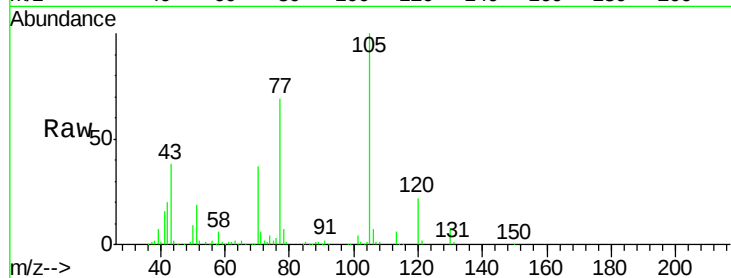




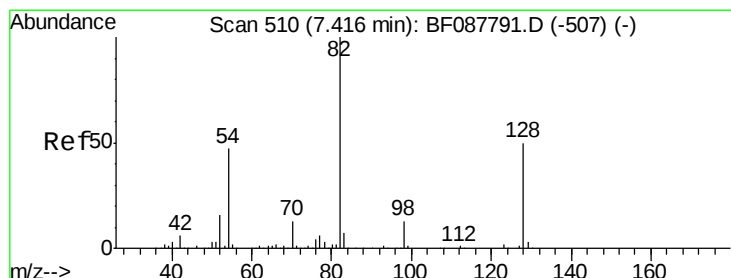
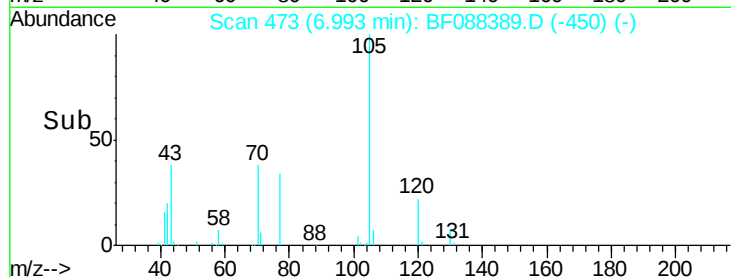
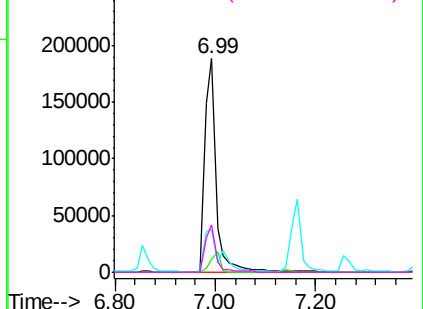
#22
Acetophenone
Concen: 45.61 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

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

Tgt Ion:105 Resp: 296105
Ion Ratio Lower Upper
105 100
71 6.3 5.3 7.9
51 19.5 18.2 27.4
120 22.0 18.0 27.0

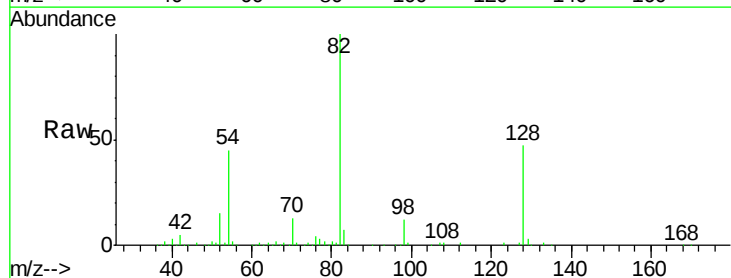


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

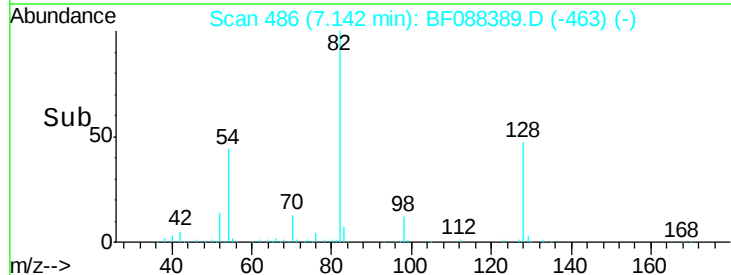
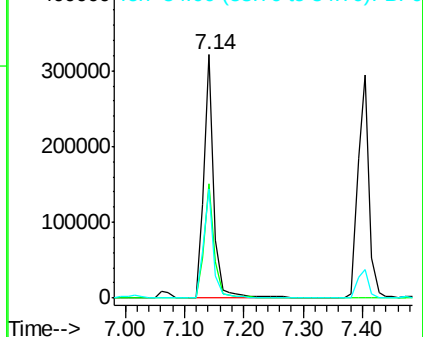


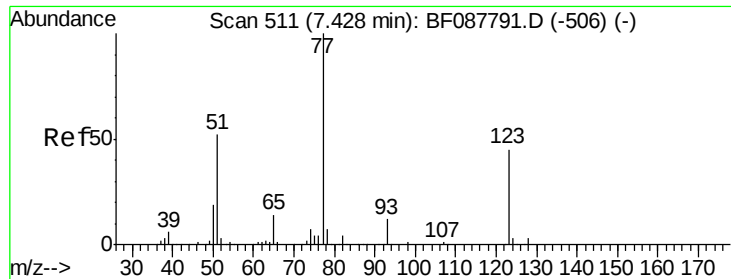
#23
Nitrobenzene-d5
Concen: 78.76 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion: 82 Resp: 391804
Ion Ratio Lower Upper
82 100
128 46.9 35.9 53.9
54 44.6 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

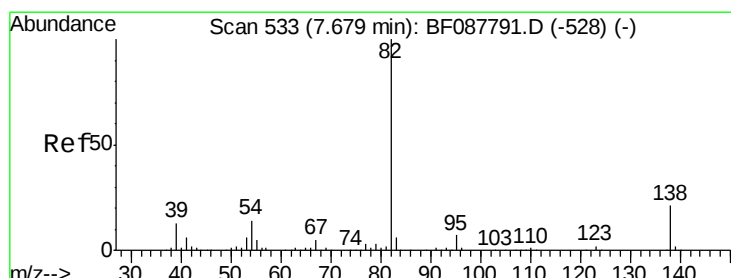
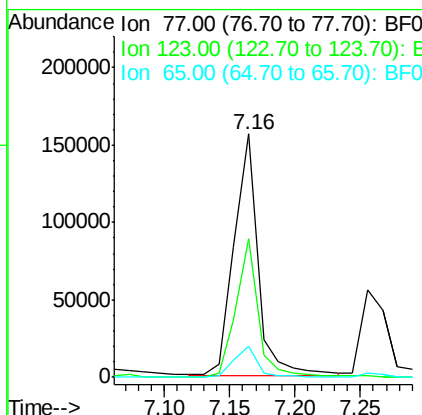
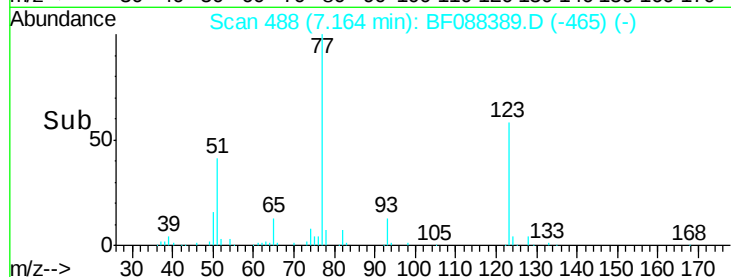
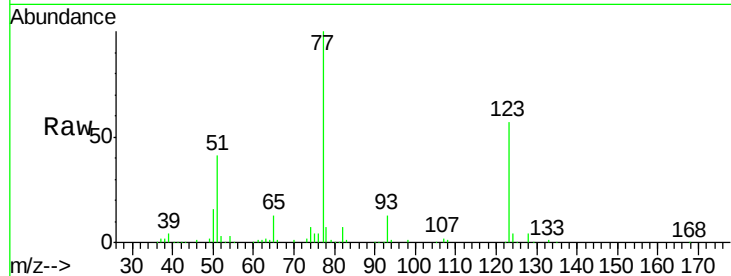




#24
 Nitrobenzene
 Concen: 41.17 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

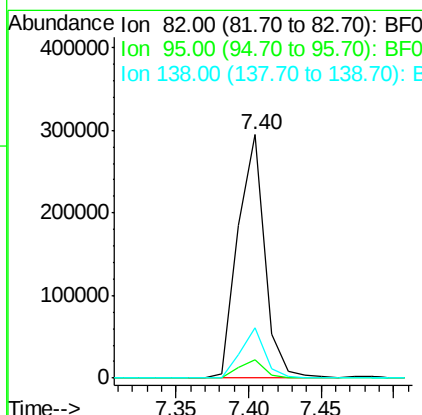
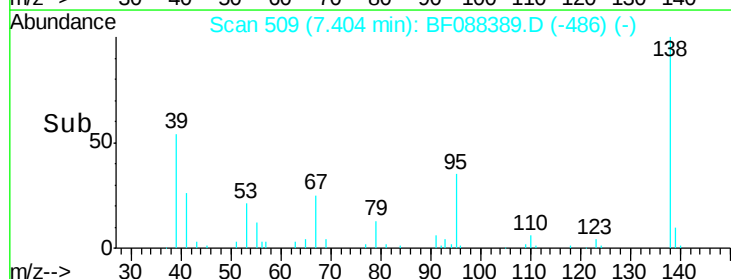
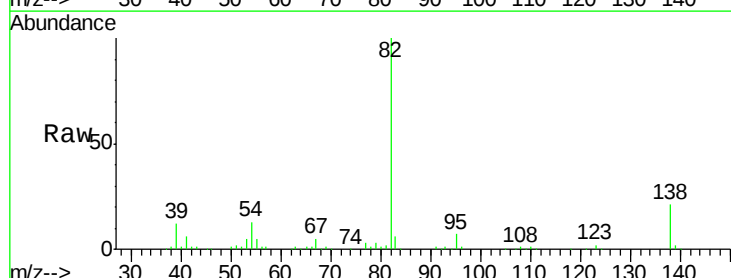
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

Tgt Ion: 77 Resp: 198366
 Ion Ratio Lower Upper
 77 100
 123 57.2 45.0 67.4
 65 12.6 10.2 15.2



#25
 Isophorone
 Concen: 40.60 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion: 82 Resp: 374127
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.4 8.2
 138 20.7 14.6 21.8

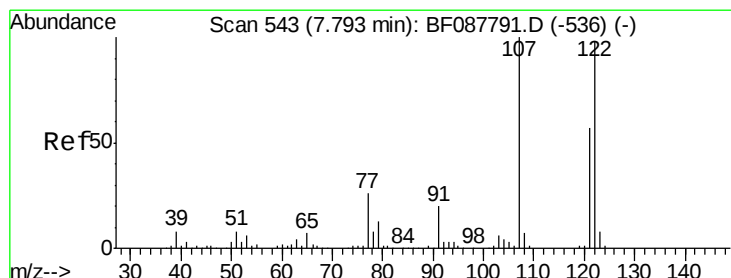
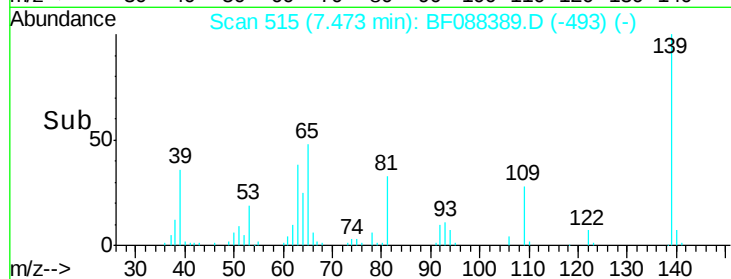
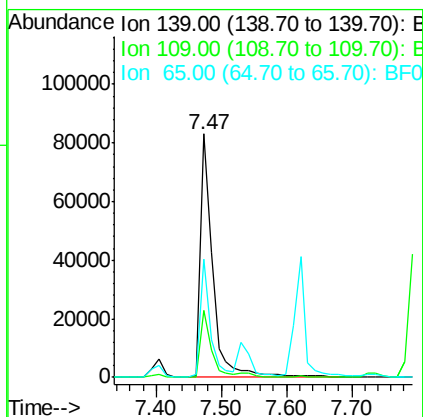
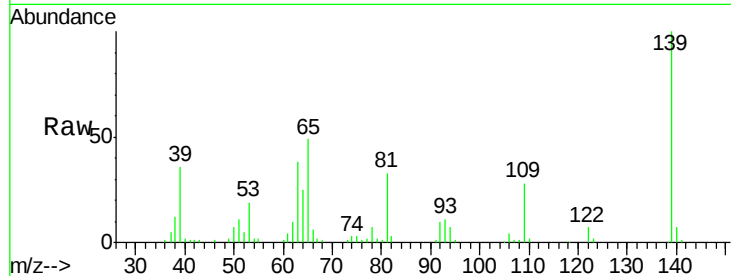




#26
2-Nitrophenol
Concen: 41.56 ng
RT: 7.47 min Scan# 515
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

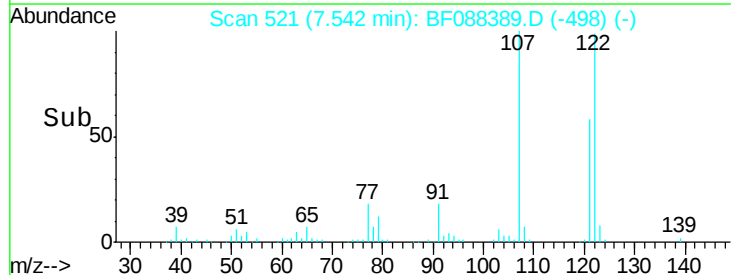
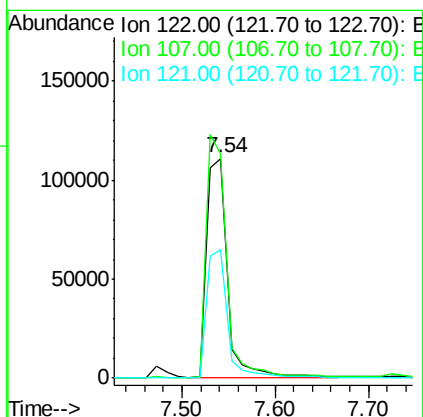
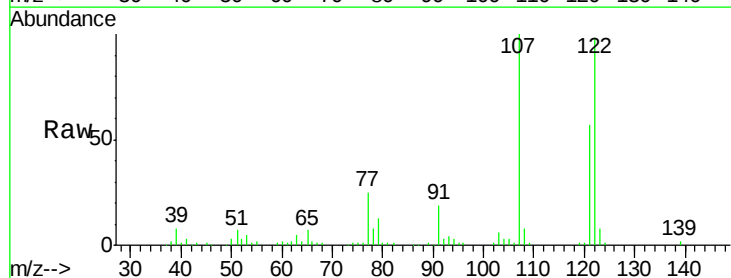
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

Tgt Ion:139 Resp: 107271
Ion Ratio Lower Upper
139 100
109 27.6 23.0 34.4
65 48.7 45.8 68.8



#27
2,4-Dimethylphenol
Concen: 36.29 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:122 Resp: 172484
Ion Ratio Lower Upper
122 100
107 102.2 82.4 123.6
121 58.6 46.3 69.5

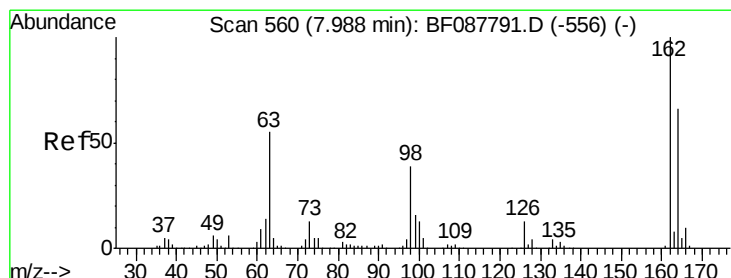
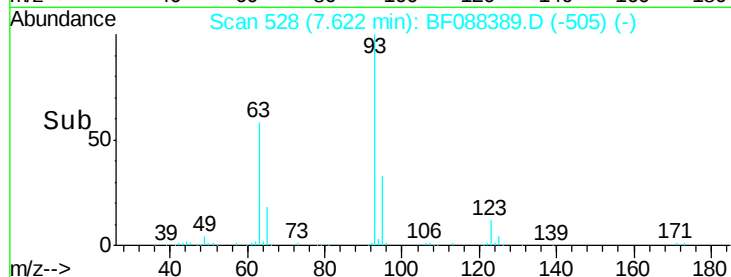
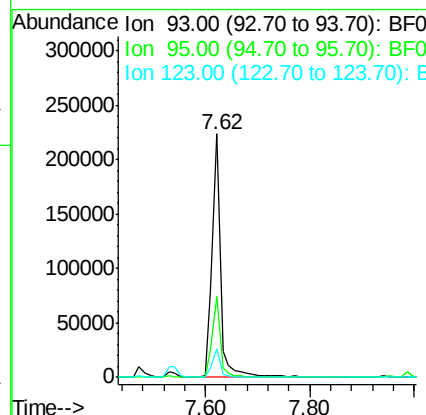
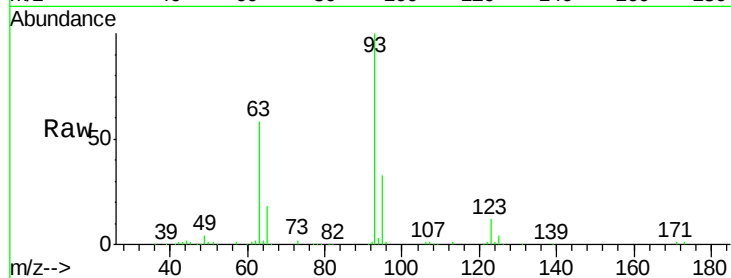




#28
 bis(2-Chloroethoxy)methane
 Concen: 43.86 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

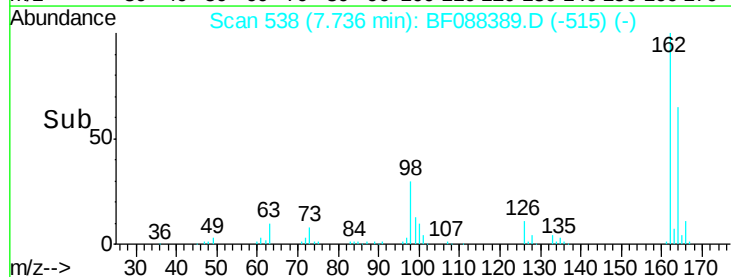
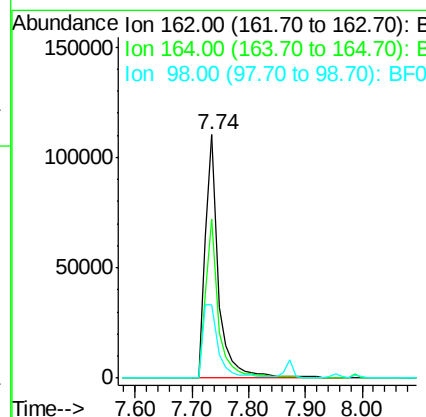
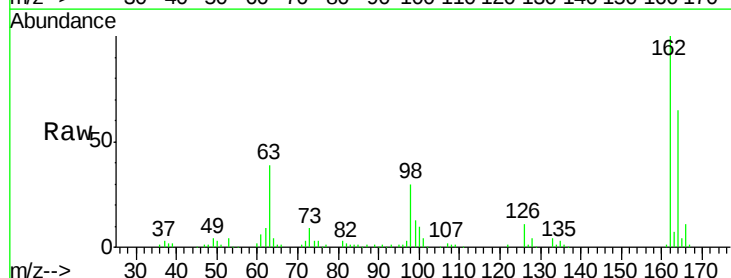
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

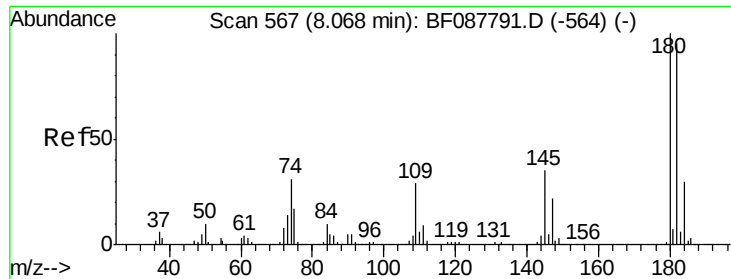
Tgt Ion: 93 Resp: 250662
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 11.8 11.6 17.4



#29
 2,4-Dichlorophenol
 Concen: 43.38 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion: 162 Resp: 172147
 Ion Ratio Lower Upper
 162 100
 164 65.4 43.8 83.8
 98 30.4 21.3 61.3

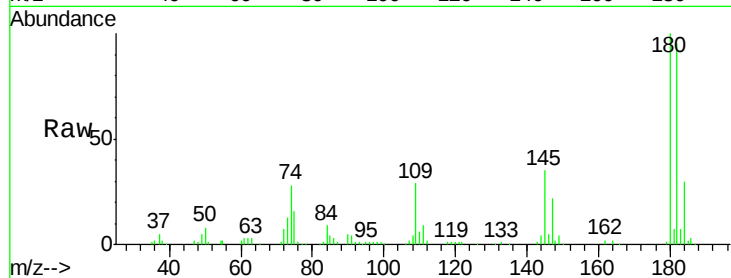




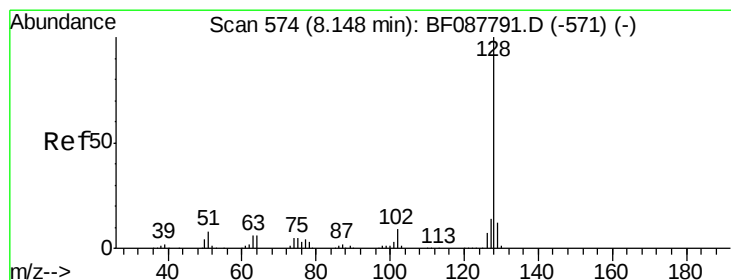
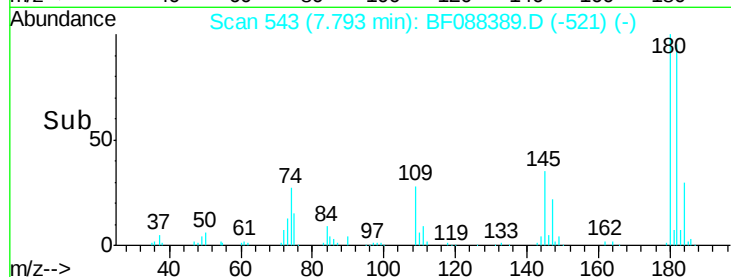
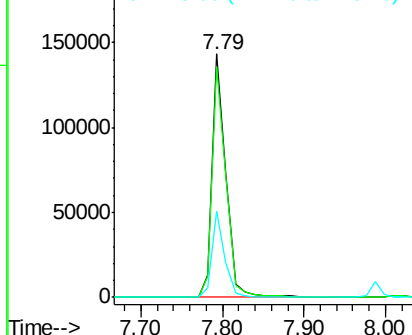
#30
1,2,4-Trichlorobenzene
Concen: 39.33 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

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

Tgt Ion:180 Resp: 169929
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 35.2 26.5 39.7

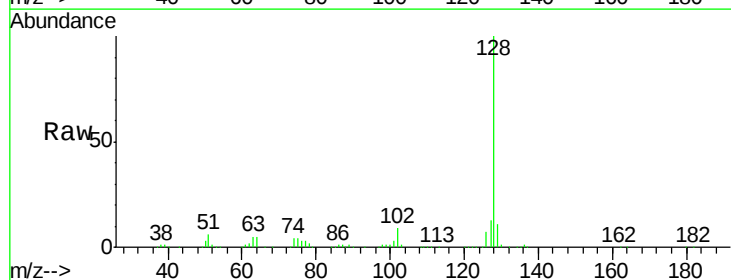


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

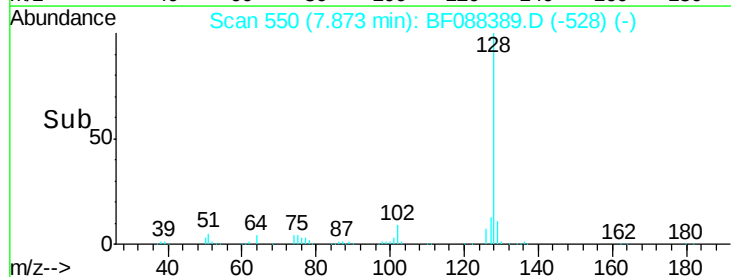
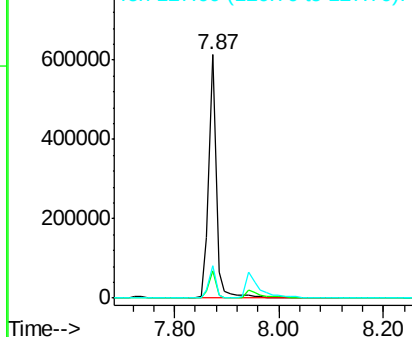


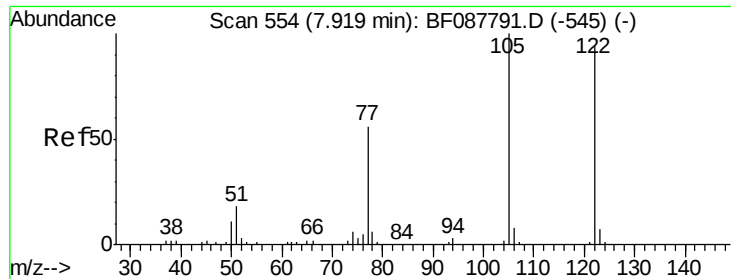
#31
Naphthalene
Concen: 43.38 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:128 Resp: 623664
Ion Ratio Lower Upper
128 100
129 11.2 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

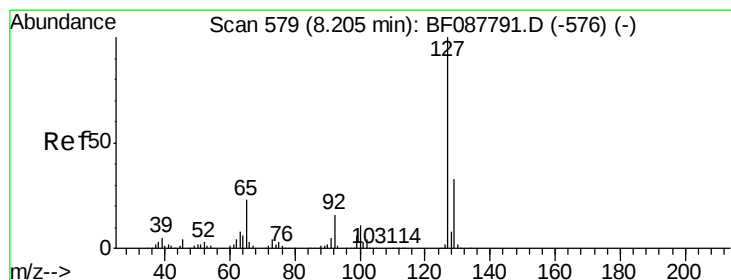
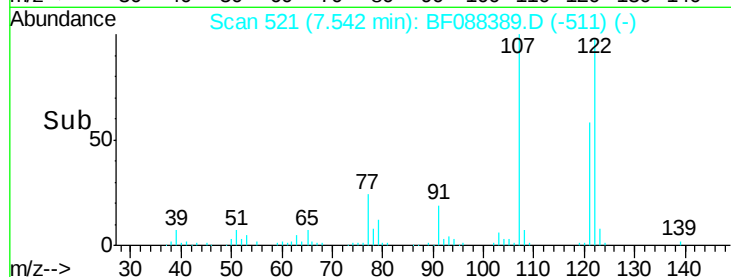
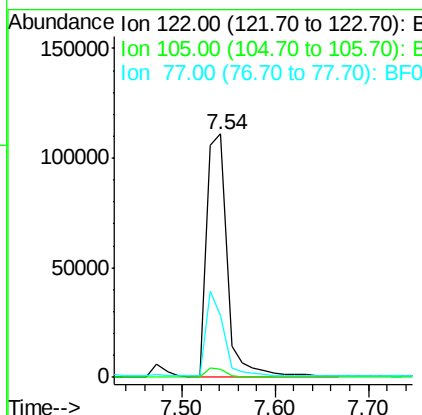
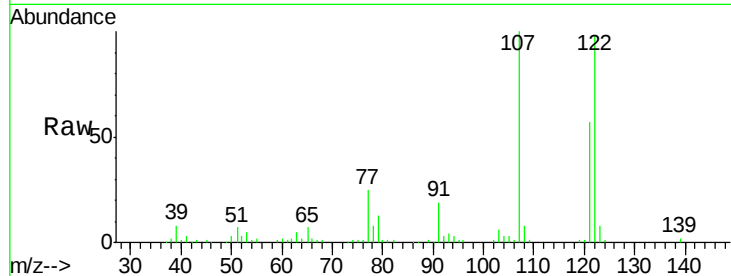




#32
Benzoic acid
Concen: 65.91 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.18 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

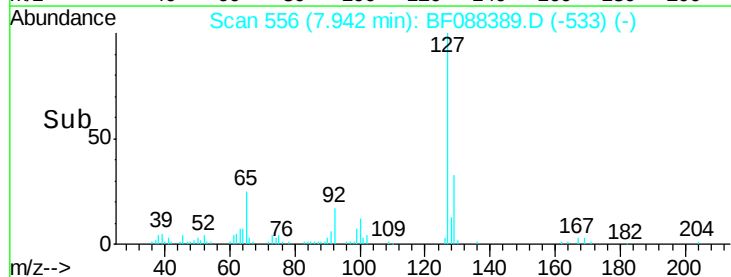
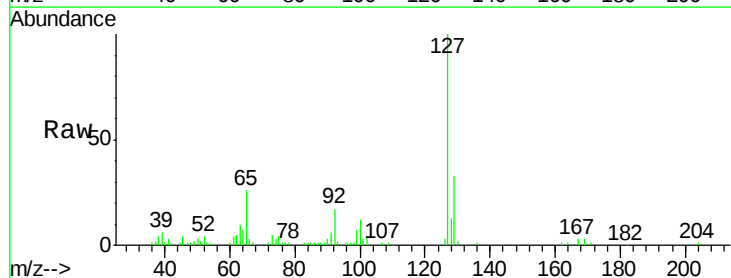
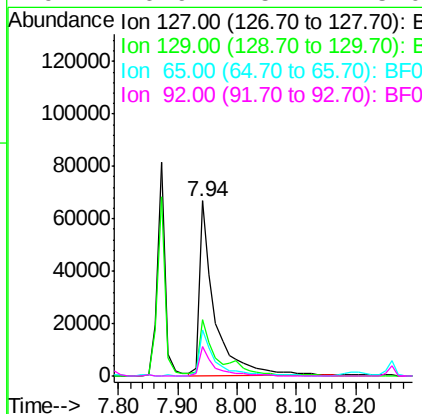
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

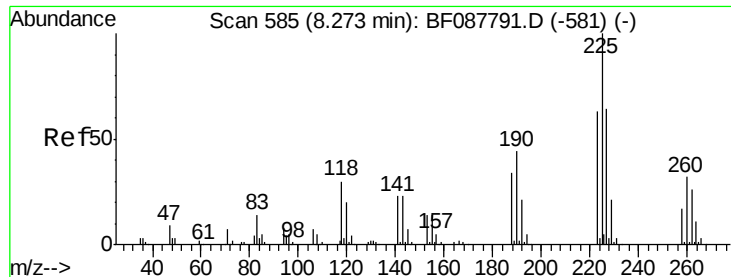
Tgt Ion:122 Resp: 172484
Ion Ratio Lower Upper
122 100
105 3.5 101.6 141.6#
77 25.2 70.6 110.6#



#33
4-Chloroaniline
Concen: 18.54 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:127 Resp: 118981
Ion Ratio Lower Upper
127 100
129 32.5 26.3 39.5
65 26.5 24.7 37.1
92 16.9 15.4 23.0

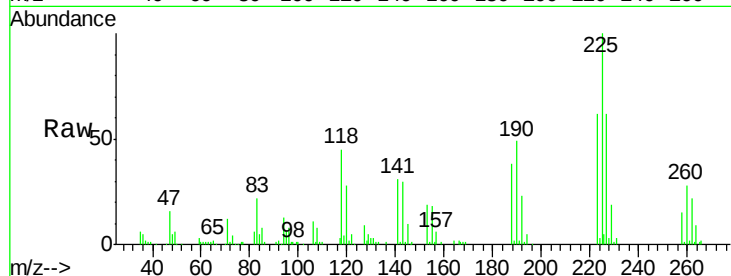




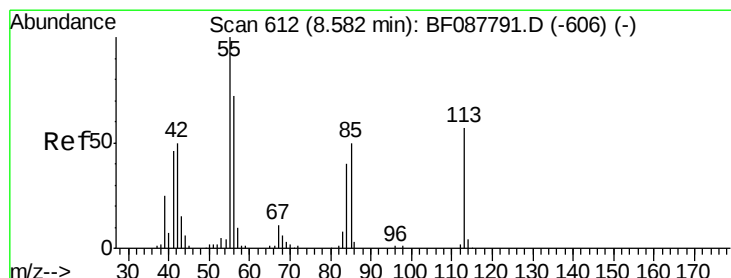
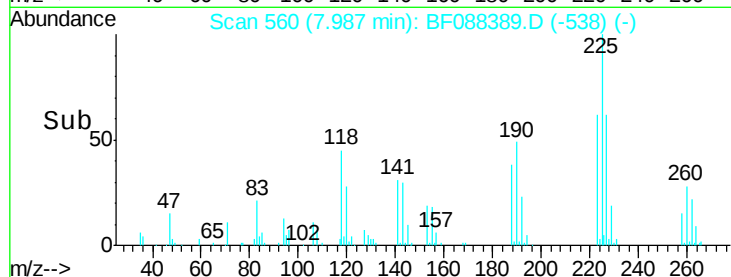
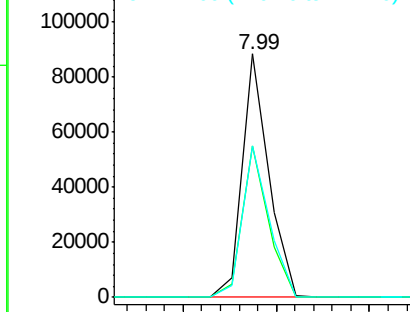
#34
Hexachlorobutadiene
Concen: 38.18 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

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

Tgt Ion: 225 Resp: 87012
Ion Ratio Lower Upper
225 100
223 62.3 50.9 76.3
227 62.5 51.9 77.9

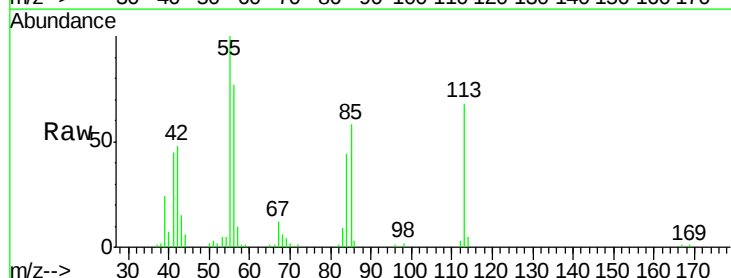


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

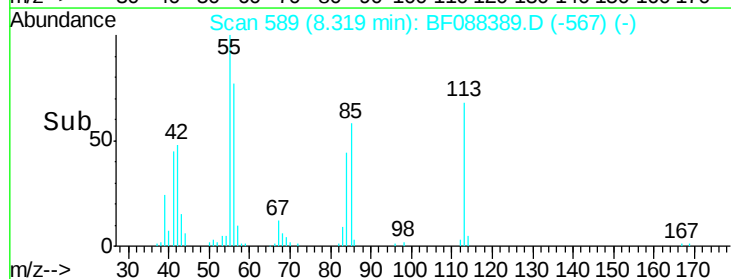
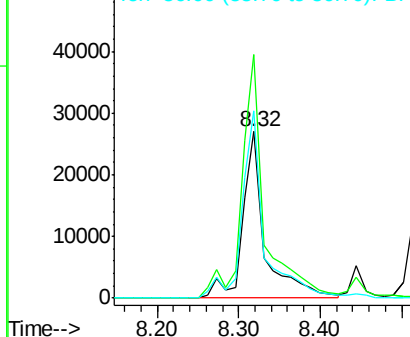


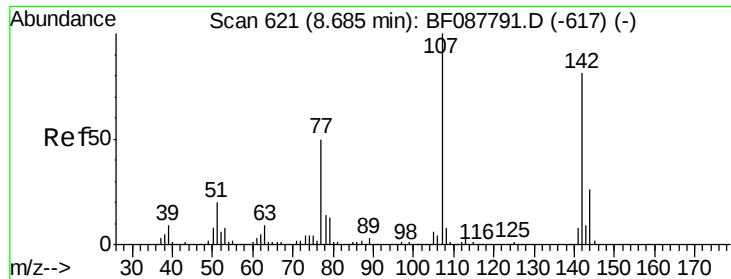
#35
Caprolactam
Concen: 38.50 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion: 113 Resp: 50608
Ion Ratio Lower Upper
113 100
55 146.4 158.6 198.6#
56 112.4 110.6 150.6



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

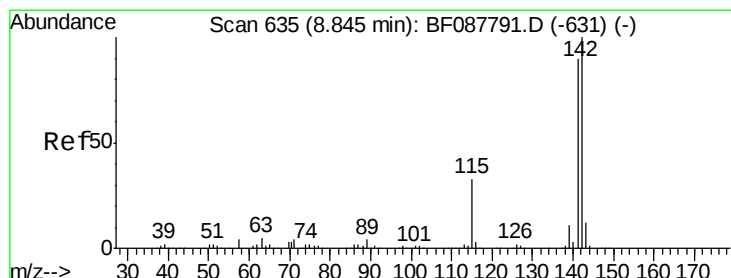
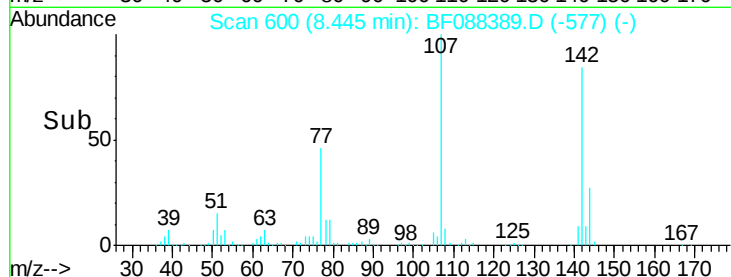
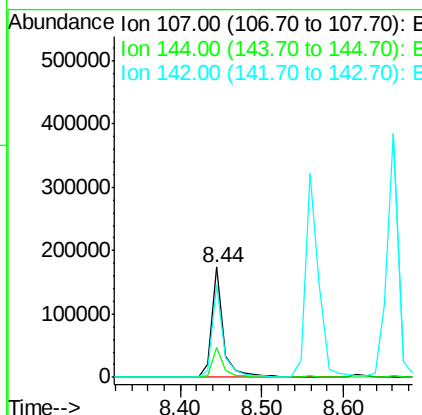
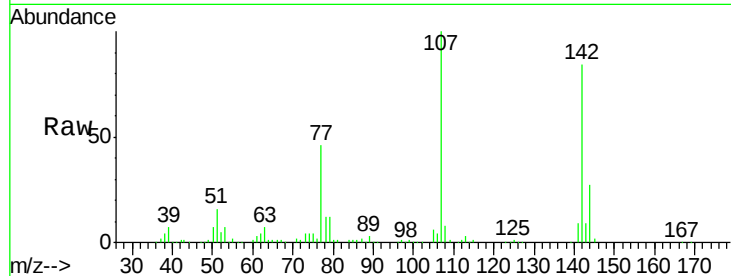




#36
 4-Chloro-3-methylphenol
 Concen: 42.44 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

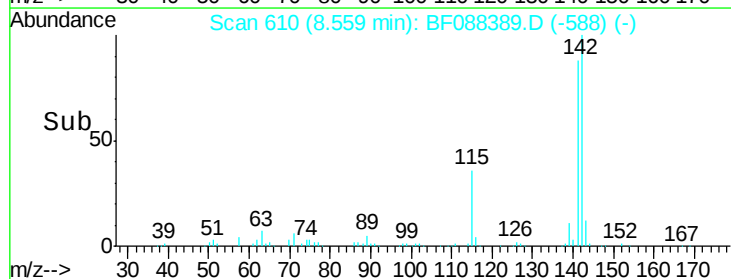
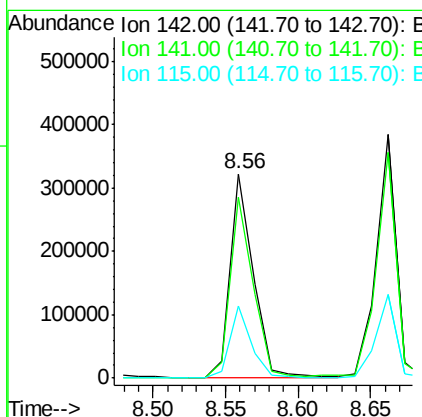
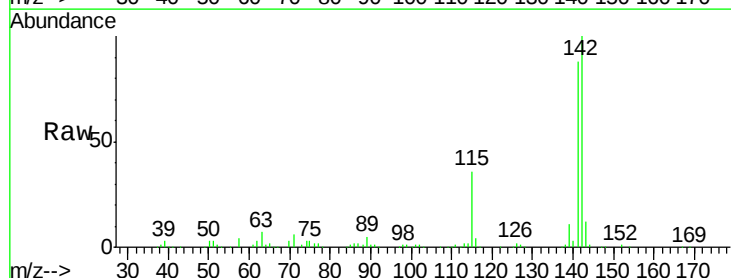
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

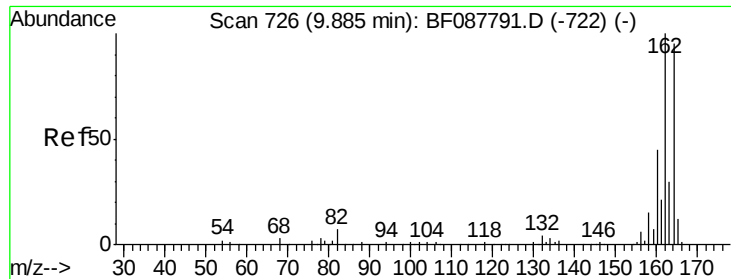
Tgt Ion:107 Resp: 180089
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.8 31.2
 142 84.1 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 38.11 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:142 Resp: 361047
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.0 106.6
 115 35.6 22.6 33.8#

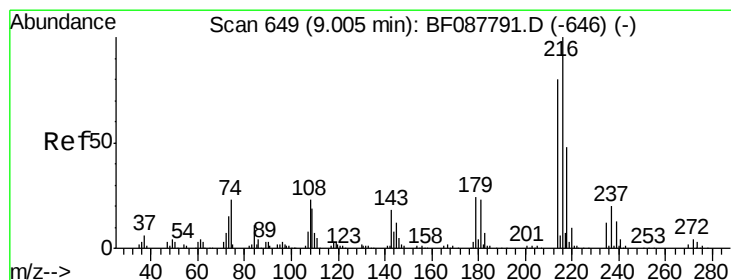
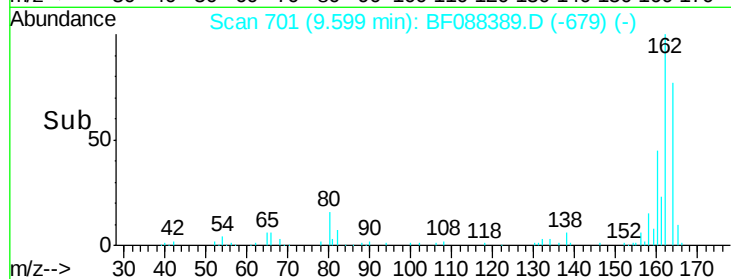
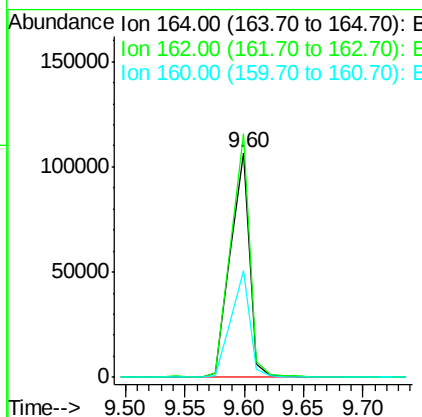
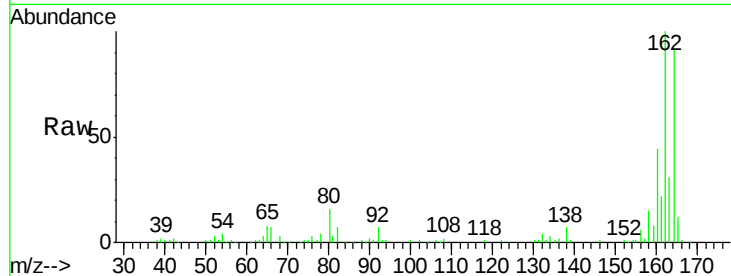




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

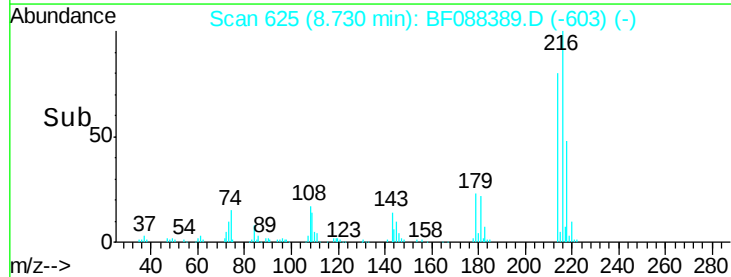
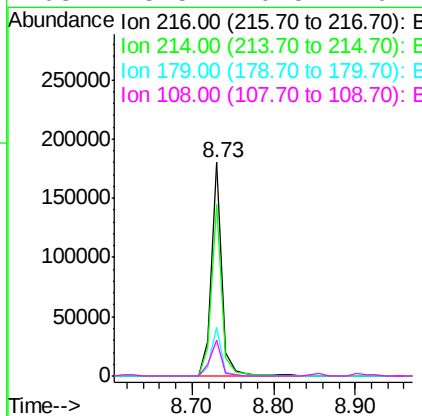
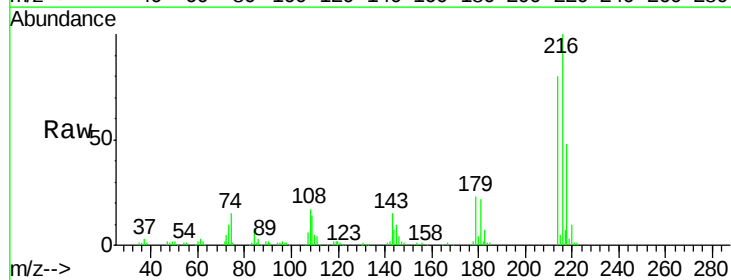
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

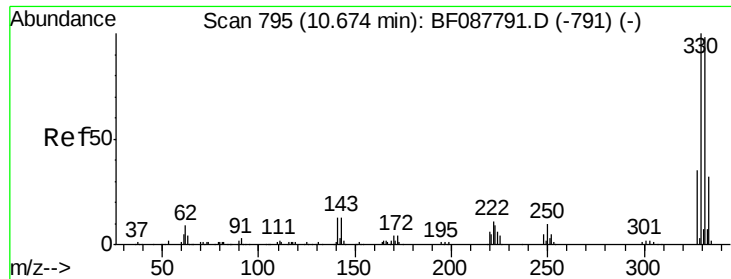
Tgt Ion:164 Resp: 119390
Ion Ratio Lower Upper
164 100
162 108.4 85.4 128.2
160 47.7 39.5 59.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 59.78 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:216 Resp: 165271
Ion Ratio Lower Upper
216 100
214 79.8 2.9 4.3#
179 22.7 0.0 0.0#
108 18.5 0.5 0.7#

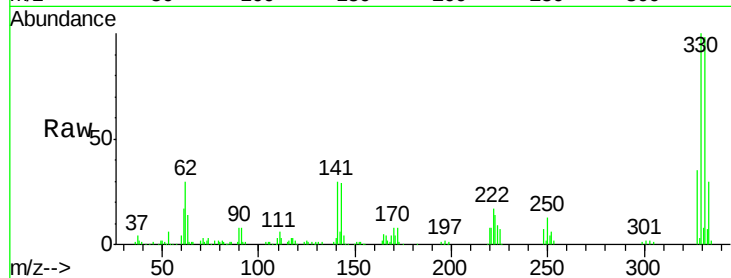




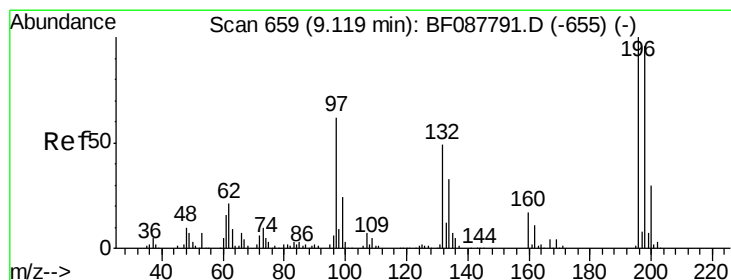
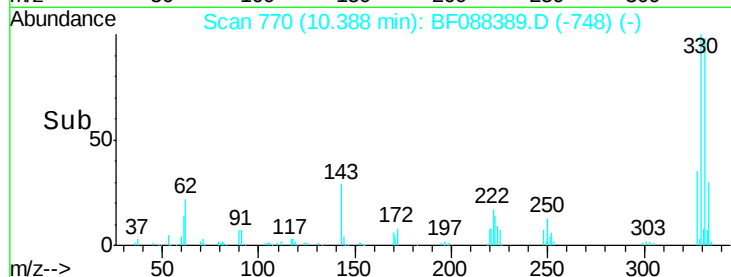
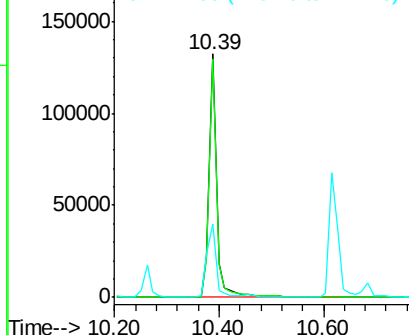
#41
 2,4,6-Tribromophenol
 Concen: 105.70 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

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

Tgt Ion:330 Resp: 133248
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 37.5 0.0 0.0#

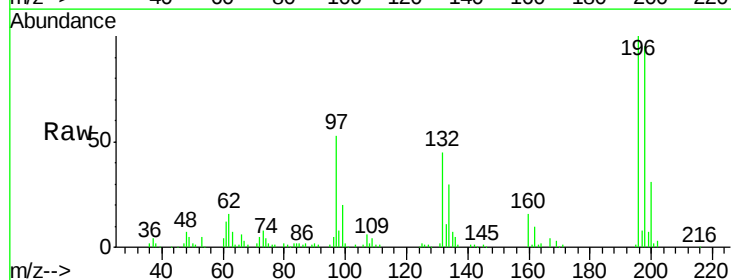


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

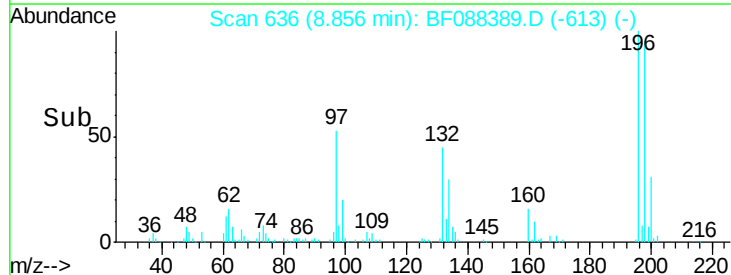
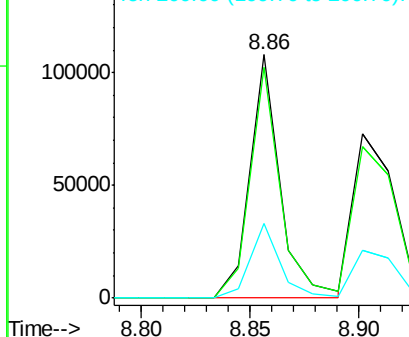


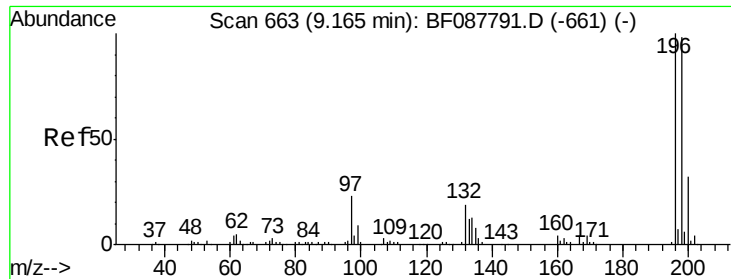
#42
 2,4,6-Trichlorophenol
 Concen: 43.86 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:196 Resp: 104718
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.0 117.0
 200 30.8 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

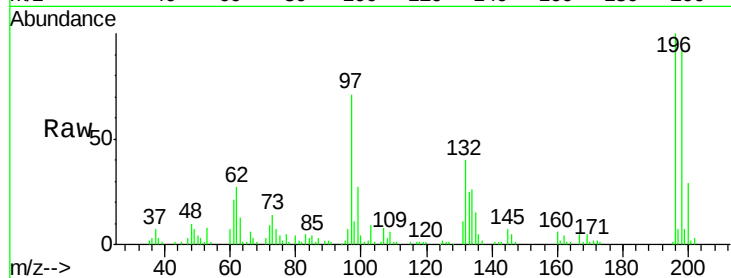




#43
 2,4,5-Trichlorophenol
 Concen: 42.05 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

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

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	77.5	116.3
97	71.4	32.0	48.0#
132	39.8	20.9	31.3#



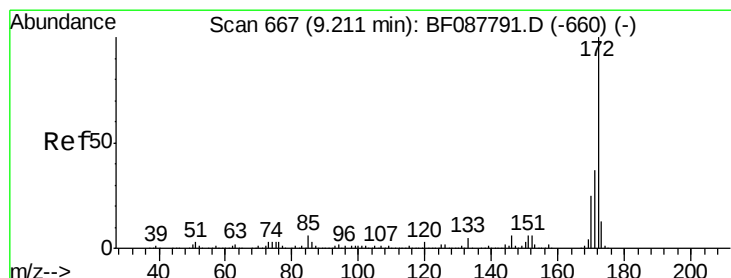
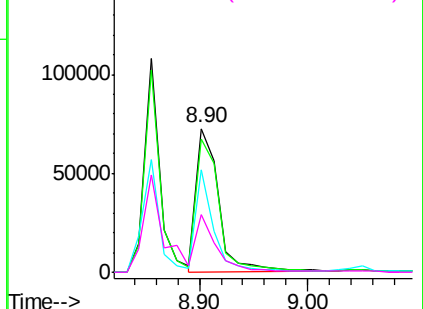
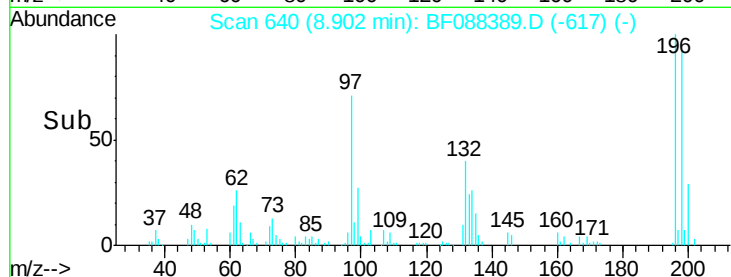
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

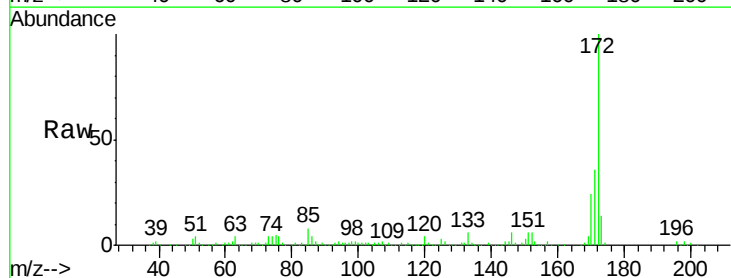
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.50 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.5	19.2	28.8

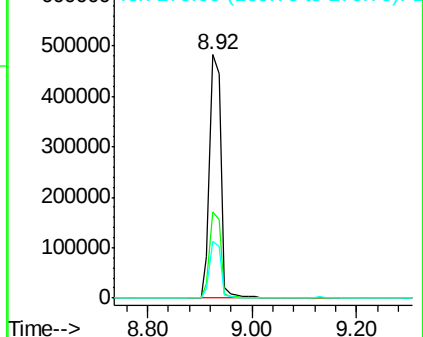
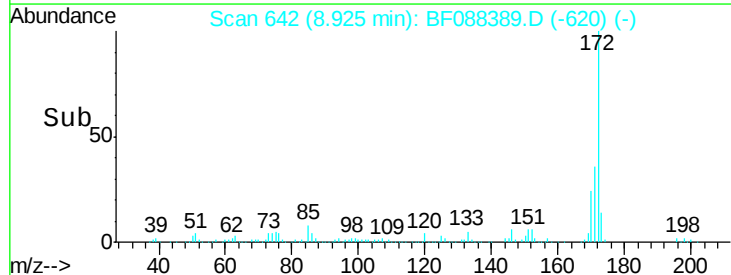


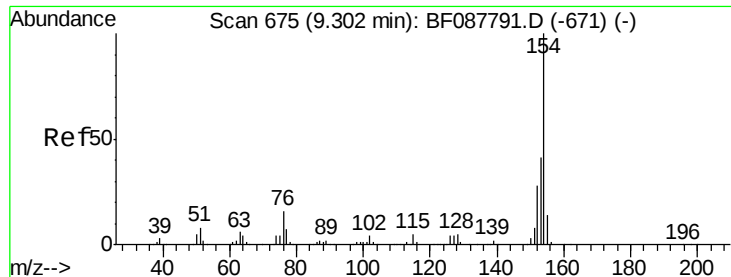
Abundance

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

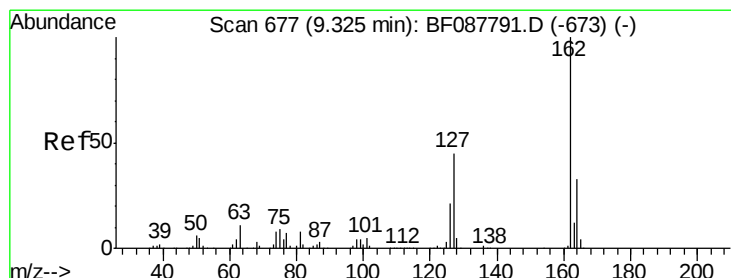
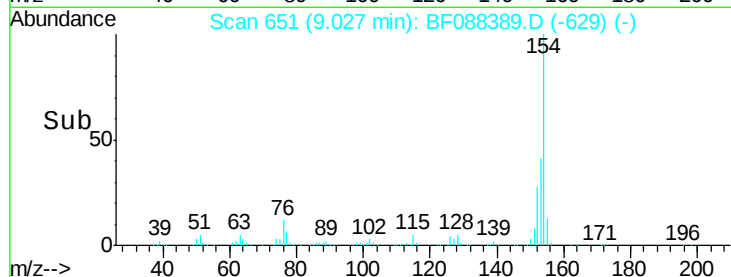
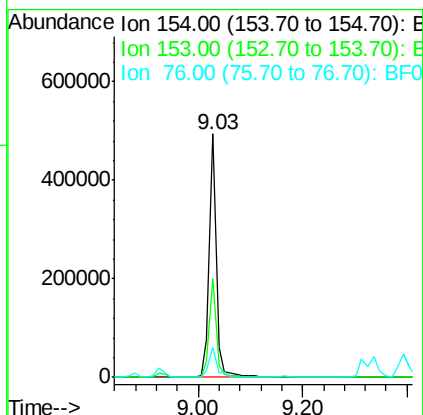
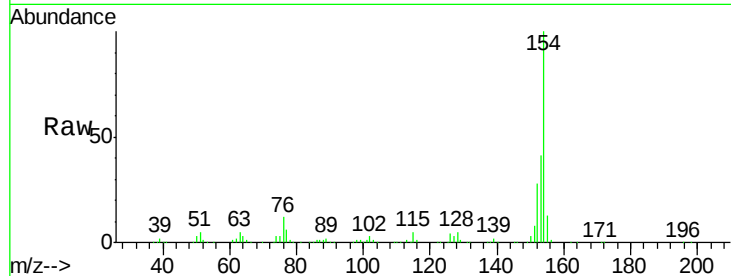




#45
 1,1'-Biphenyl
 Concen: 52.97 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

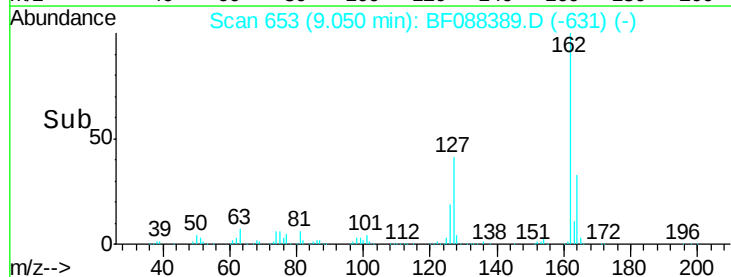
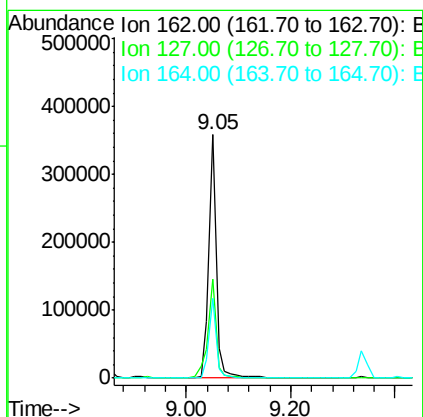
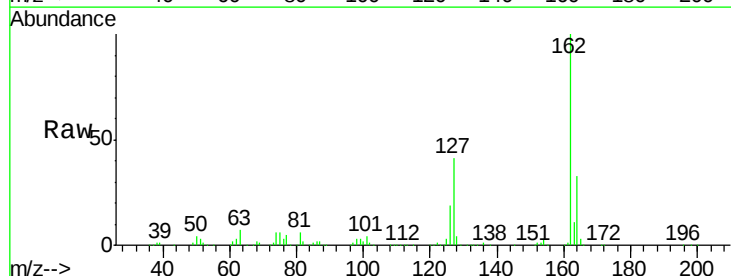
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

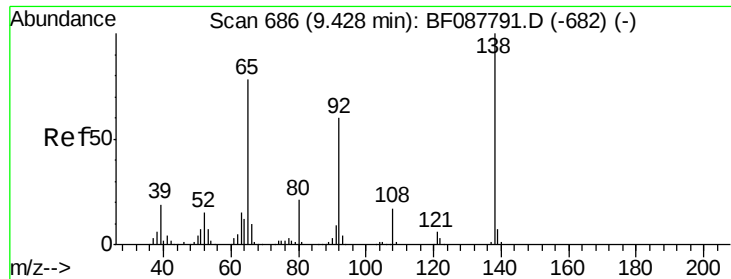
Tgt Ion:154 Resp: 464865
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.6 60.6
 76 12.2 0.0 35.1



#46
 2-Chloronaphthalene
 Concen: 46.56 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:162 Resp: 359751
 Ion Ratio Lower Upper
 162 100
 127 40.5 35.2 52.8
 164 32.8 26.6 39.8

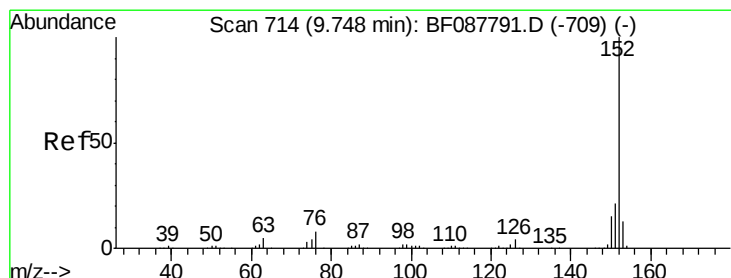
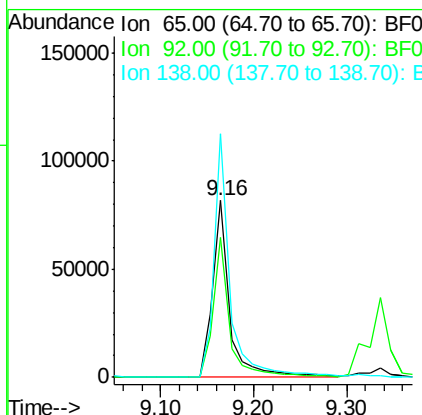
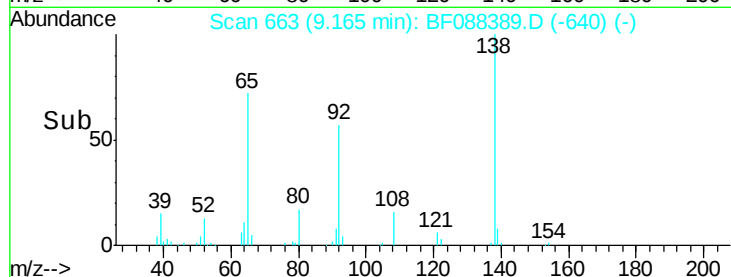
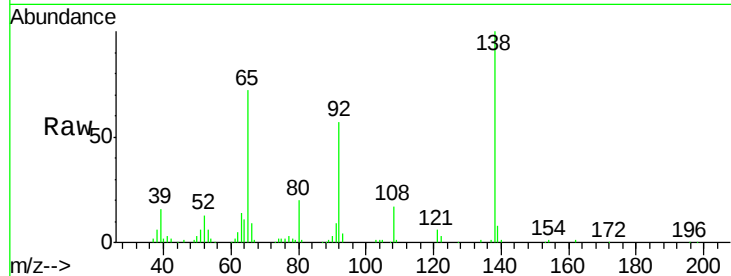




#47
 2-Nitroaniline
 Concen: 46.00 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

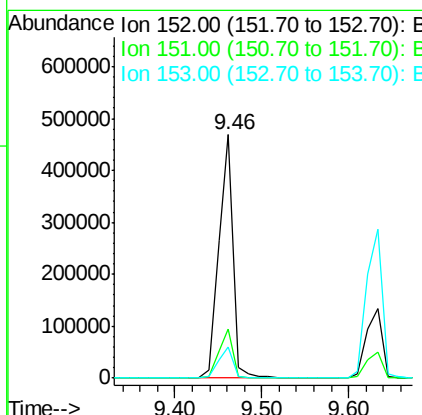
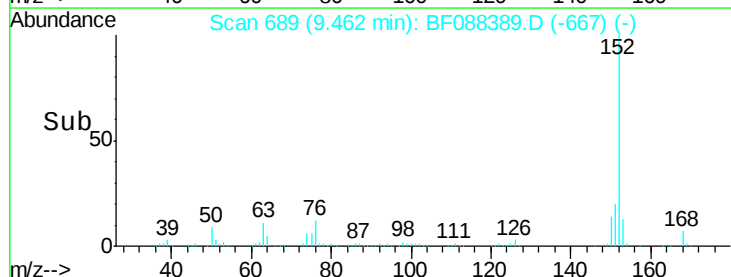
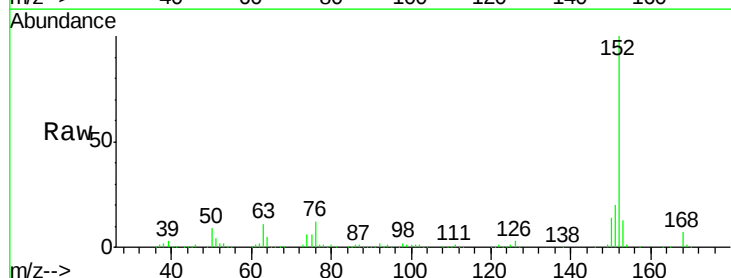
Instrument :
 BNA_F
 ClientSampleId :
 PB-B1(0-12)CMSD

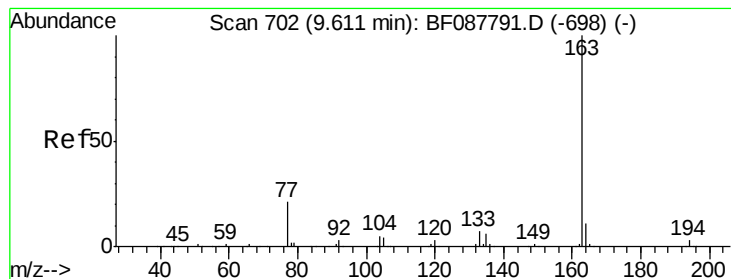
Tgt Ion: 65 Resp: 104835
 Ion Ratio Lower Upper
 65 100
 92 79.3 54.6 82.0
 138 138.0 77.0 115.4#



#48
 Acenaphthylene
 Concen: 44.01 ng
 RT: 9.46 min Scan# 689
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion: 152 Resp: 540787
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 12.9 11.0 16.6





#49

Dimethylphthalate

Concen: 56.10 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

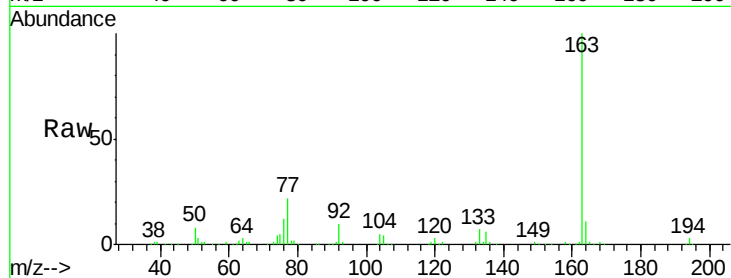
Tgt Ion:163 Resp: 485200

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

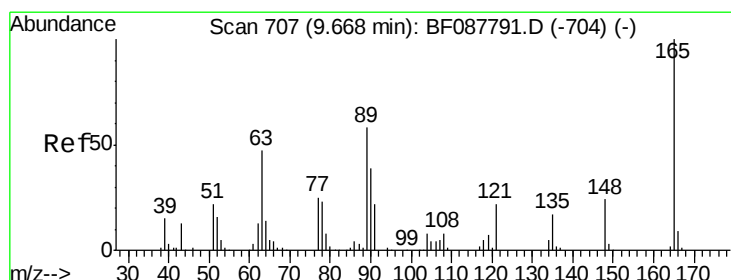
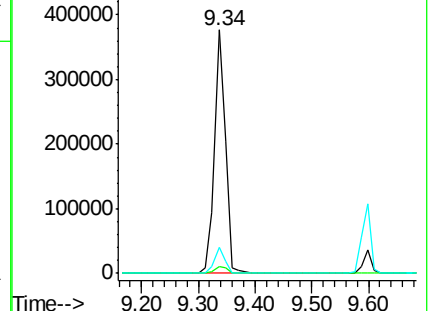
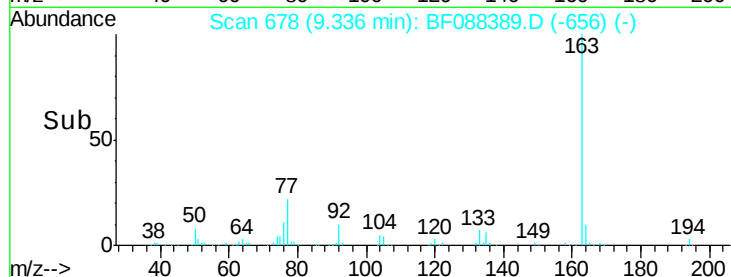
164 10.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.80 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

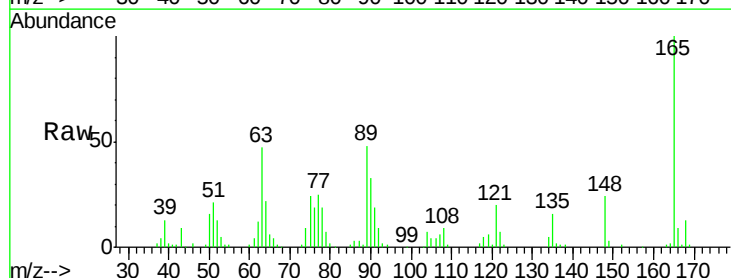
Tgt Ion:165 Resp: 90714

Ion Ratio Lower Upper

165 100

63 47.0 28.1 42.1#

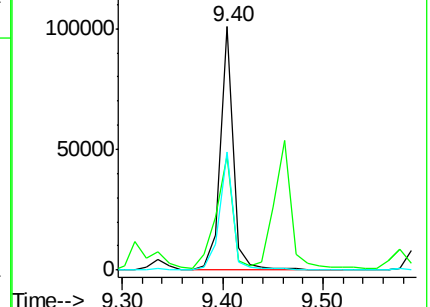
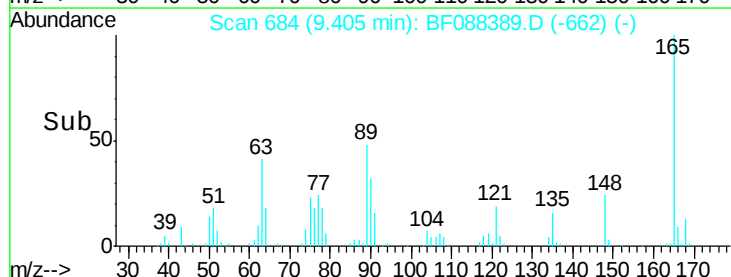
89 48.5 32.2 48.2#

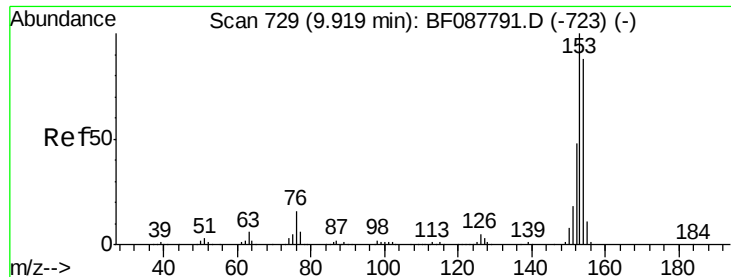


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.06 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

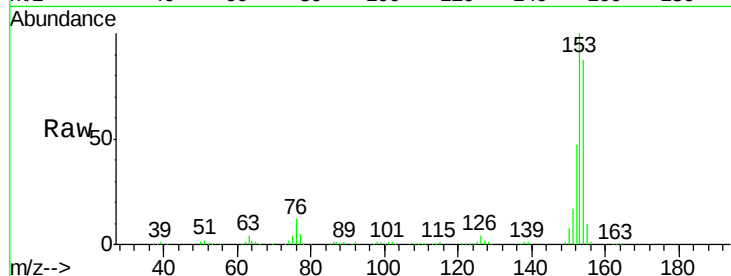
Tgt Ion:154 Resp: 314744

Ion Ratio Lower Upper

154 100

153 114.9 89.5 134.3

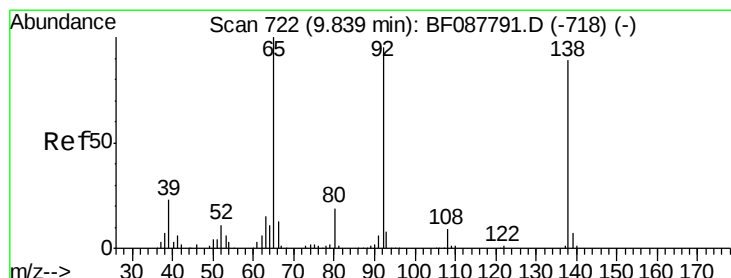
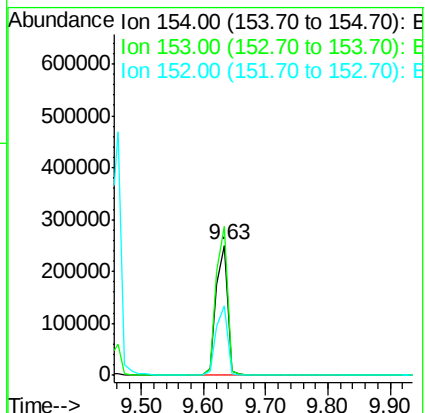
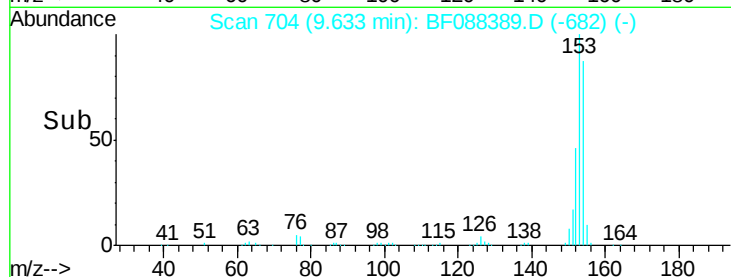
152 53.5 42.7 64.1



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: 35.01 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

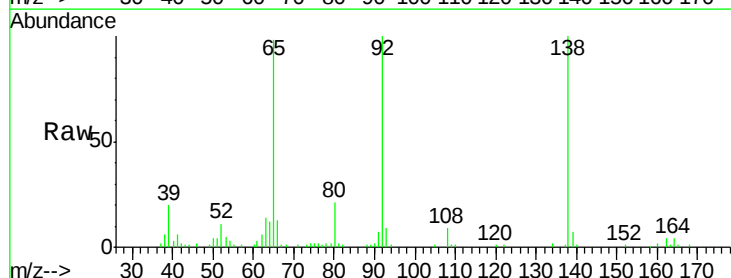
Tgt Ion:138 Resp: 80011

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

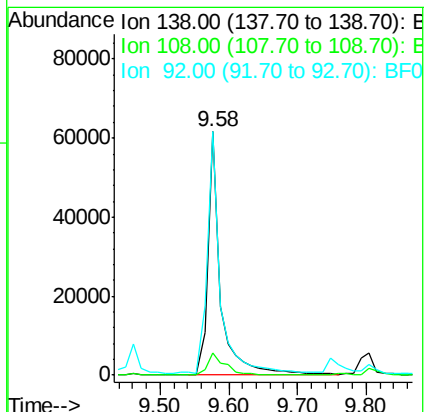
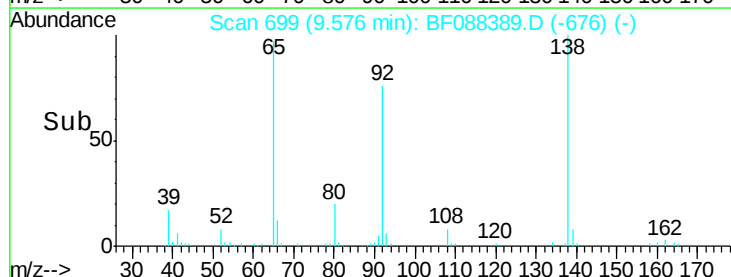
92 100.1 95.7 143.5

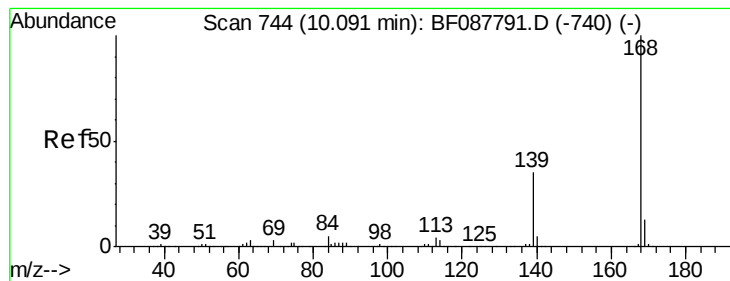


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 43.63 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

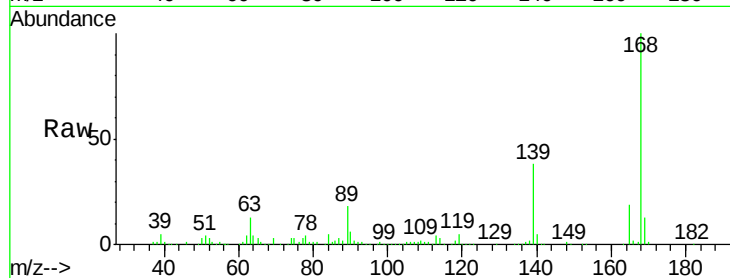
Tgt Ion:168 Resp: 460675

Ion Ratio Lower Upper

168 100

139 37.5 26.4 39.6

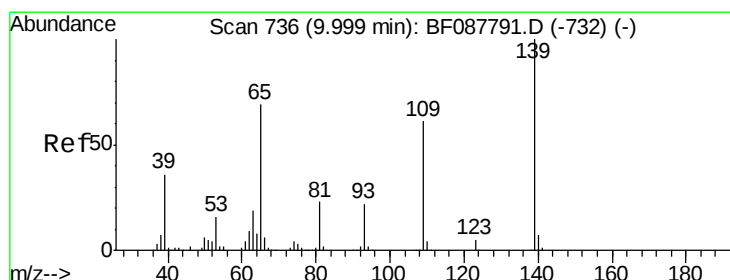
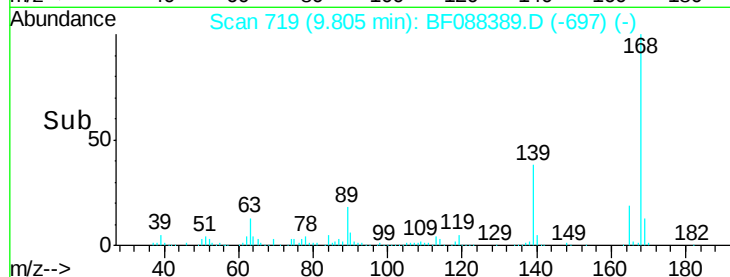
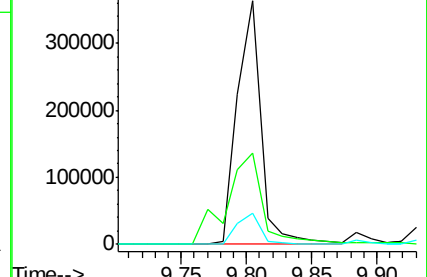
169 12.9 10.4 15.6



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: 154.48 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

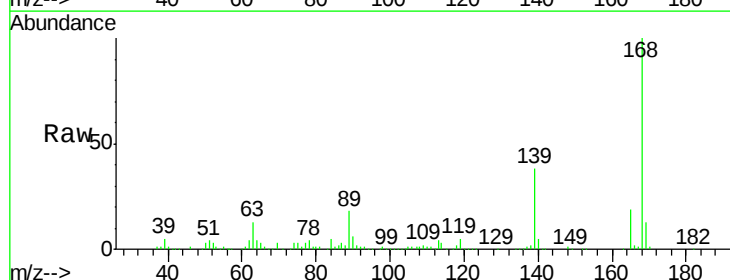
Tgt Ion:139 Resp: 274027

Ion Ratio Lower Upper

139 100

109 4.9 48.9 88.9#

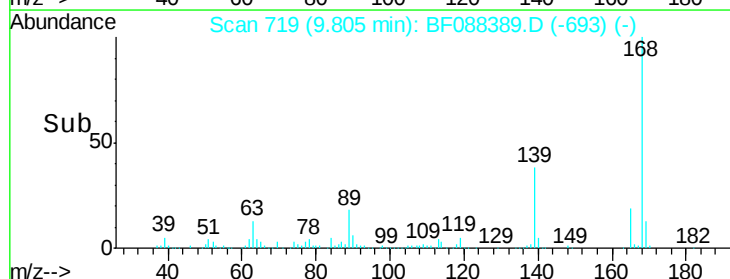
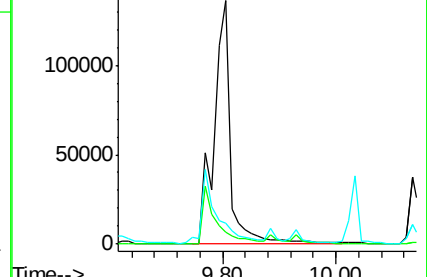
65 8.7 84.9 124.9#

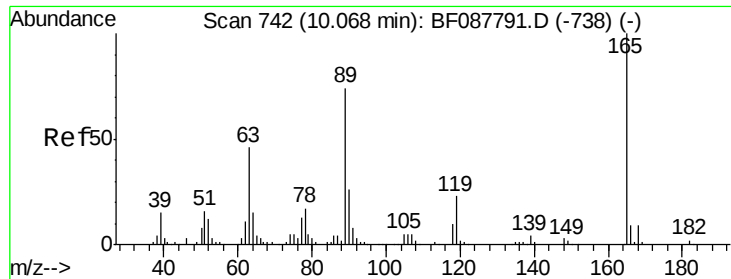


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

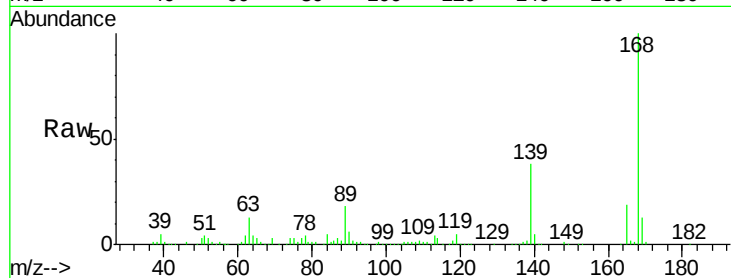




#56
2,4-Dinitrotoluene
Concen: 40.04 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.8	22.0	33.0#
89	93.3	41.1	61.7#
182	2.2	2.0	3.0

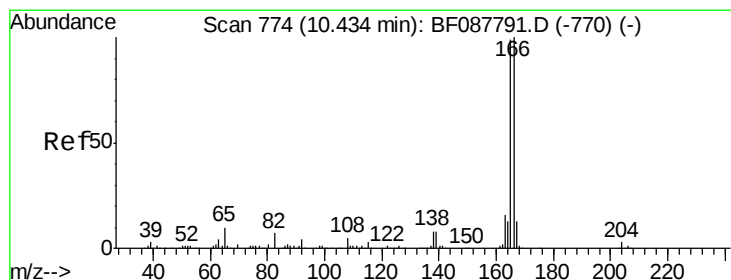
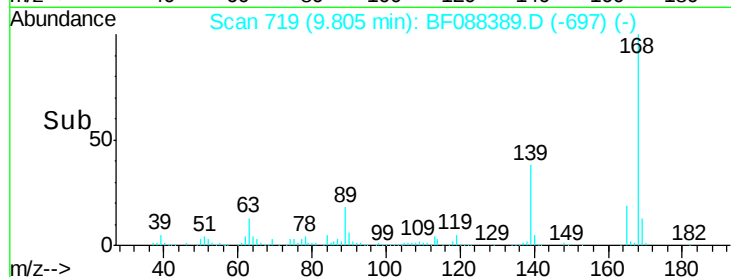
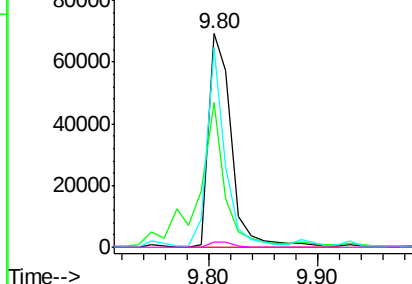


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

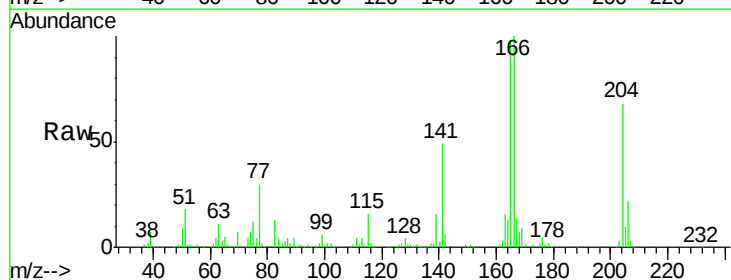
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 46.28 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

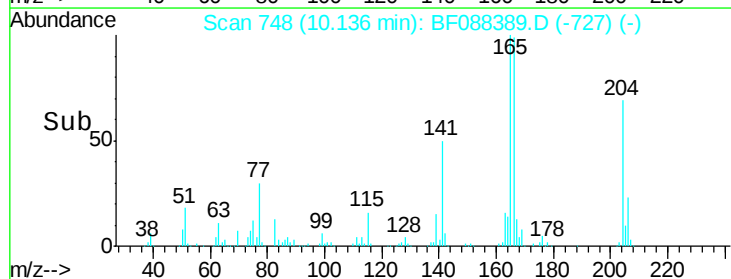
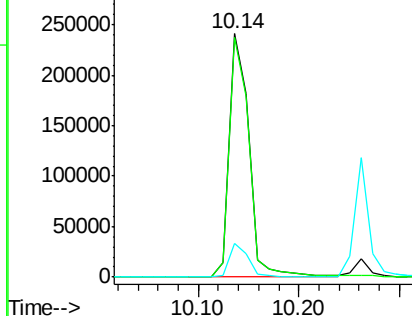
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	14.1	11.2	16.8

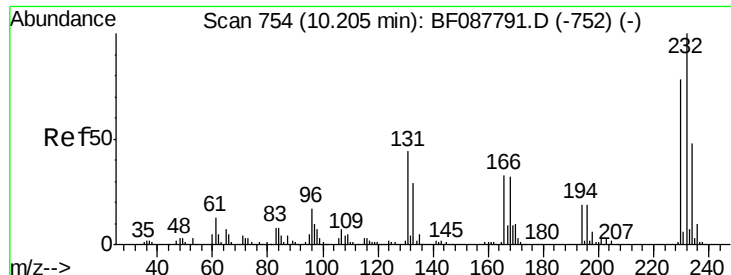


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

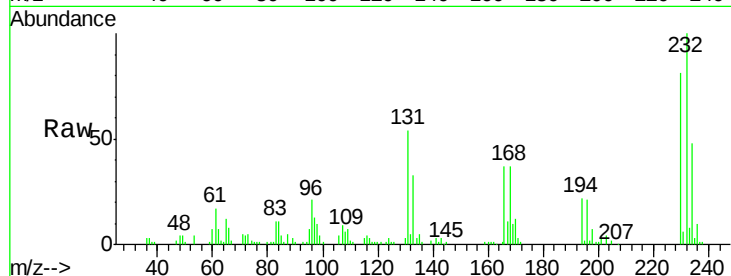




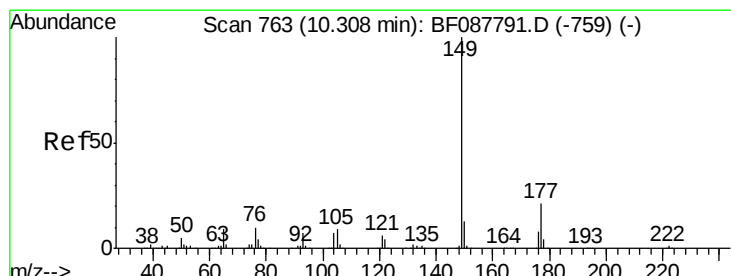
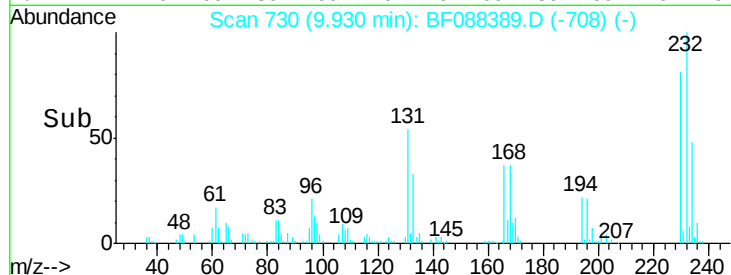
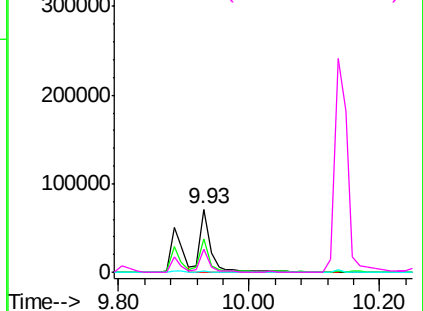
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.80 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

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

Tgt Ion:232 Resp: 81596
 Ion Ratio Lower Upper
 232 100
 131 45.9 0.9 1.3#
 130 2.1 1.5 2.3
 166 31.8 0.5 0.7#

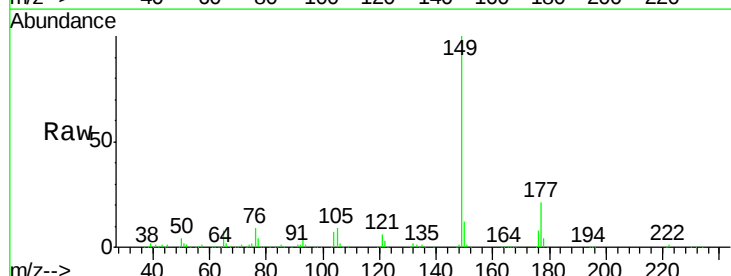


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

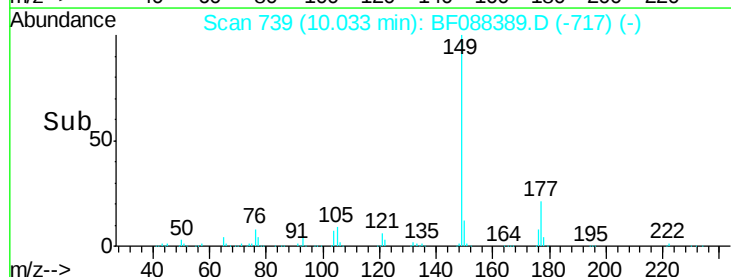
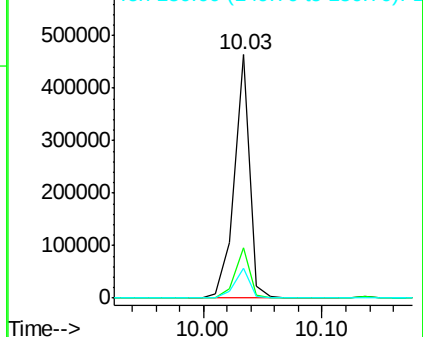


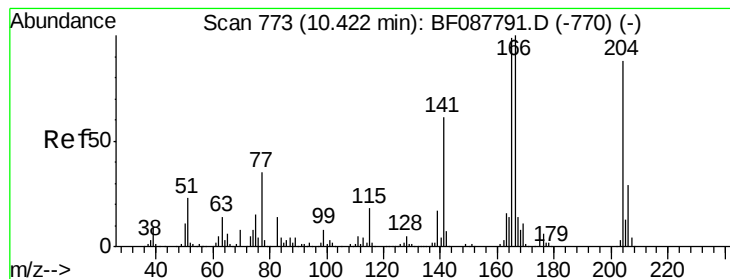
#59
 Diethylphthalate
 Concen: 47.72 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:149 Resp: 417733
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.9 25.3
 150 12.4 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: 44.14 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

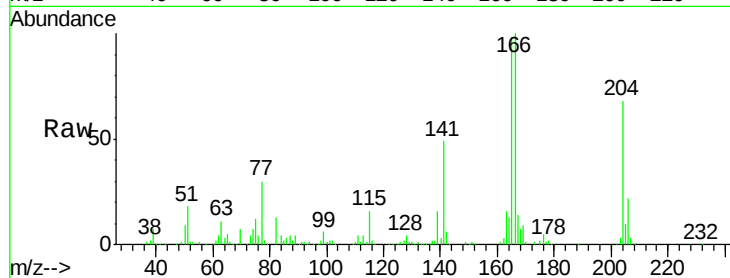
Tgt Ion:204 Resp: 154985

Ion Ratio Lower Upper

204 100

206 32.5 26.3 39.5

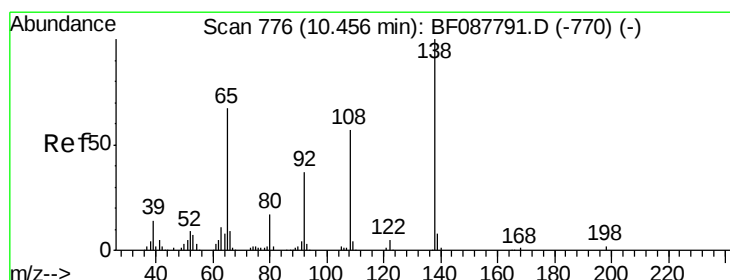
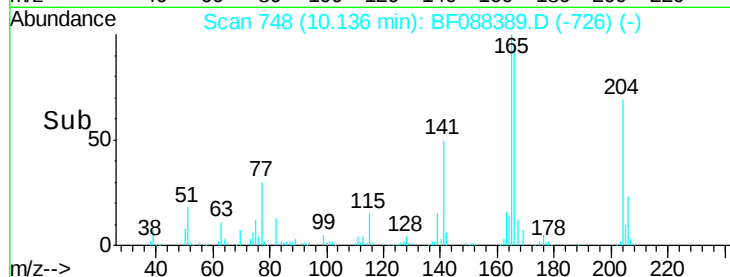
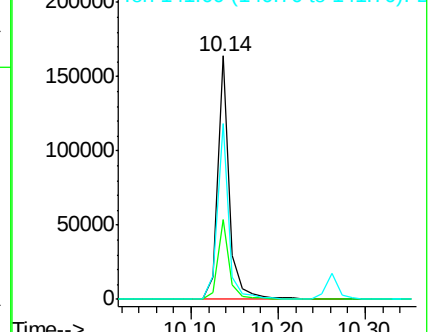
141 72.3 55.0 82.6



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: 40.12 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

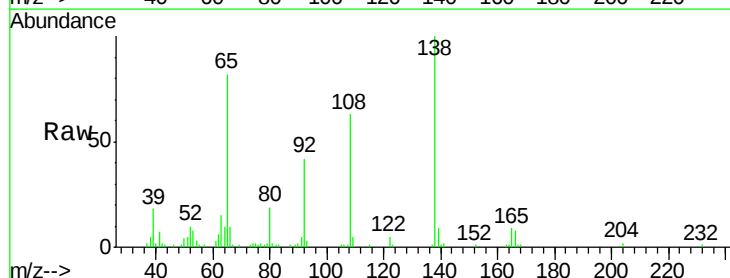
Tgt Ion:138 Resp: 86977

Ion Ratio Lower Upper

138 100

92 42.3 27.3 67.3

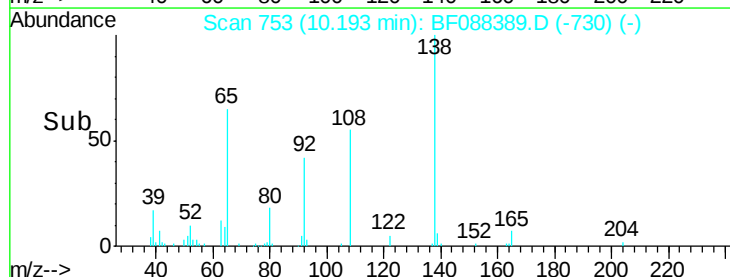
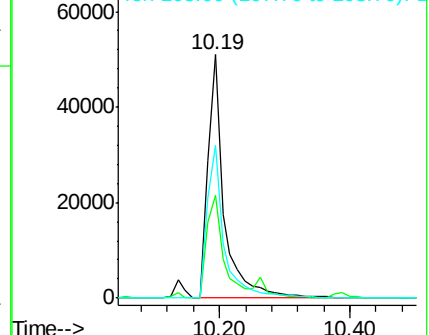
108 62.6 46.7 86.7

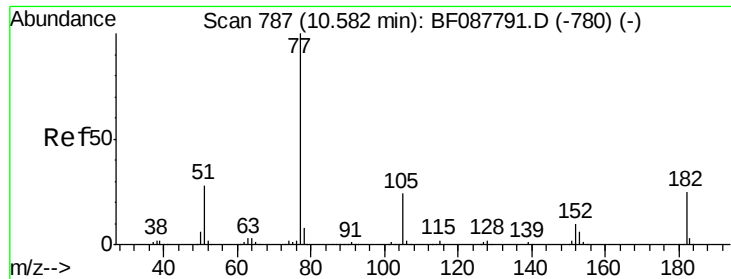


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.65 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

Tgt Ion: 77 Resp: 377876

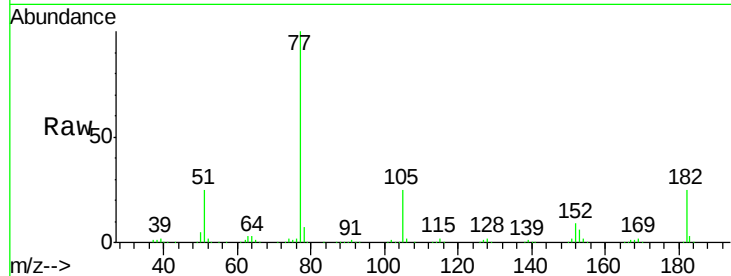
Ion Ratio Lower Upper

77 100

182 24.9 4.4 44.4

105 24.6 3.8 43.8

51 25.1 9.3 49.3

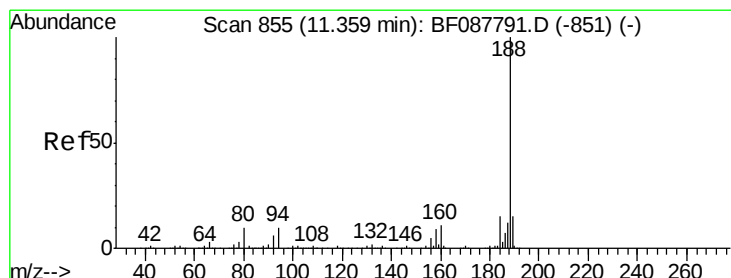
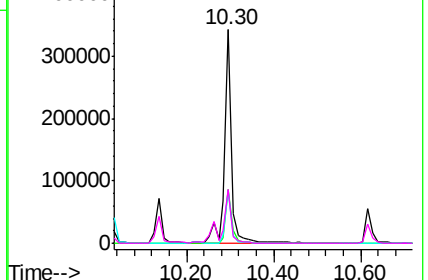
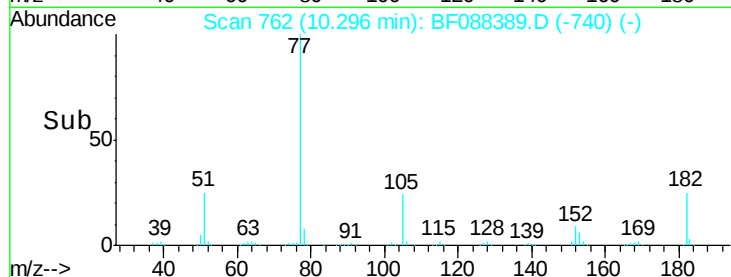


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088389.D

Acq: 25 Jun 2016 21:06

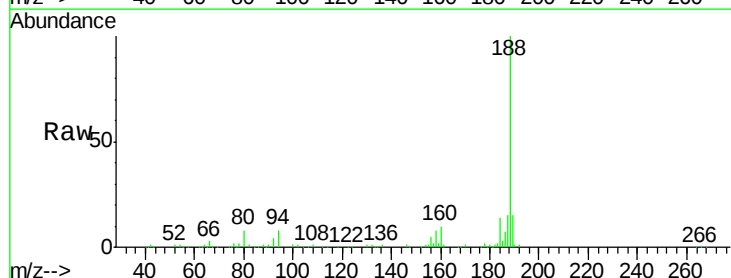
Tgt Ion: 188 Resp: 188738

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.6#

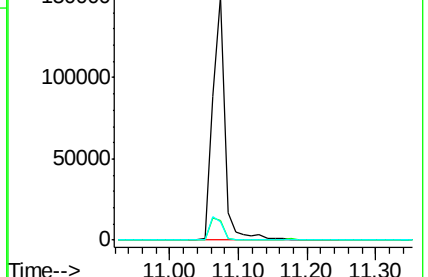
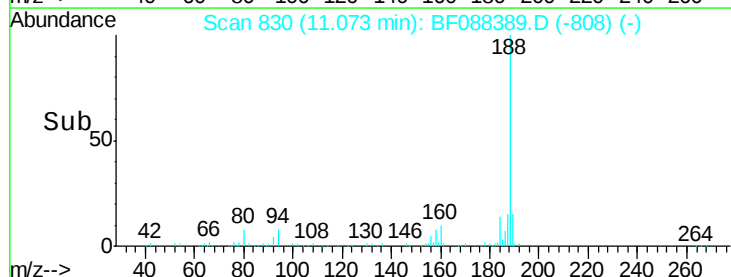
80 7.6 10.0 15.0#

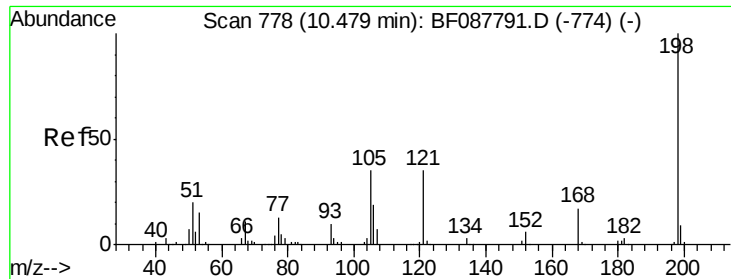


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

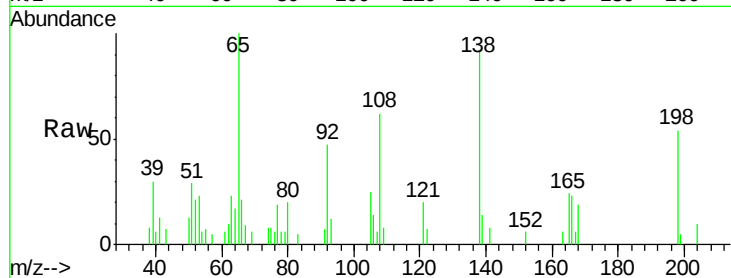




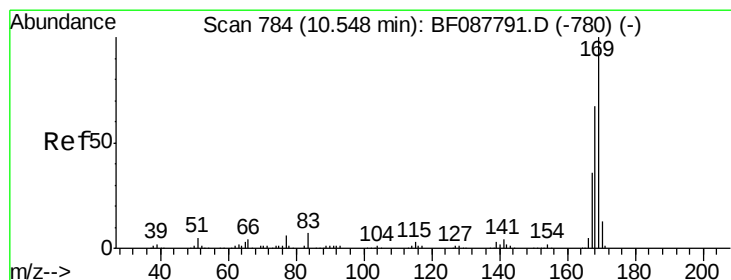
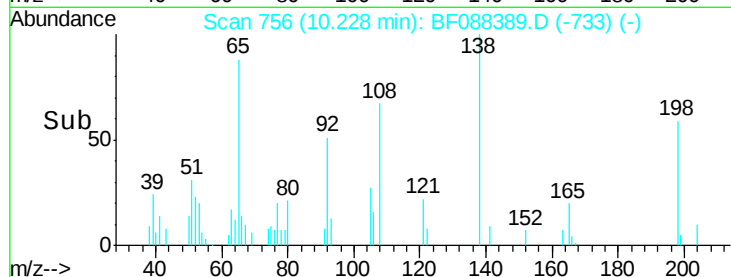
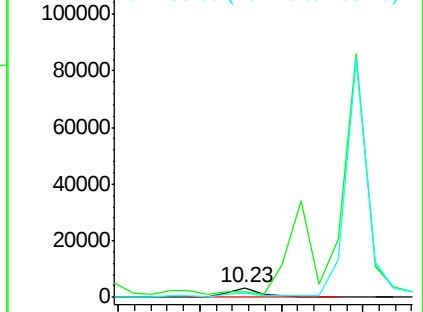
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.04 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

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

Tgt Ion:198 Resp: 4789
 Ion Ratio Lower Upper
 198 100
 51 52.5 39.6 79.6
 105 46.3 36.6 76.6

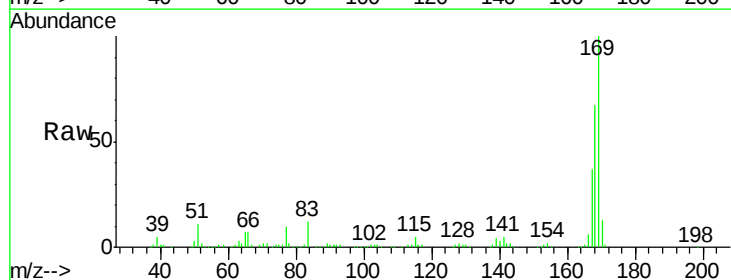


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

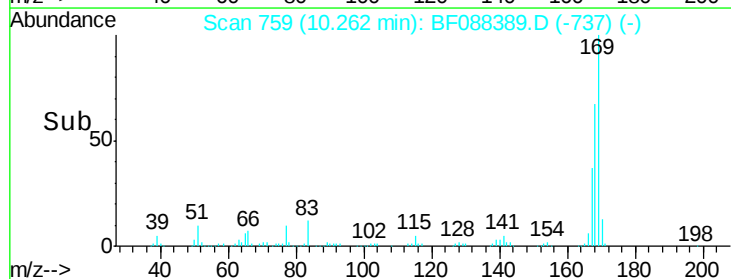
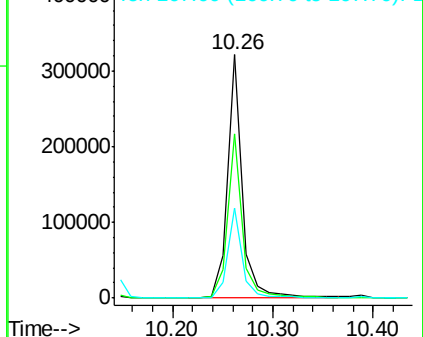


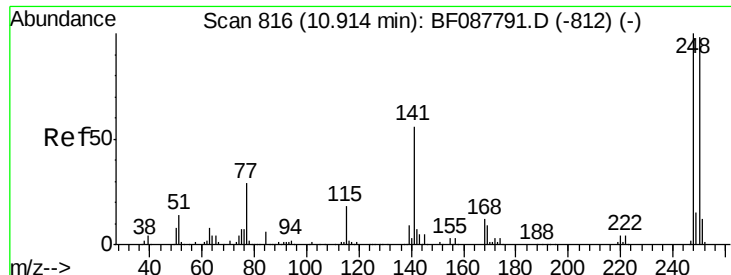
#65
 n-Nitrosodiphenylamine
 Concen: 52.27 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:169 Resp: 327371
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 36.8 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

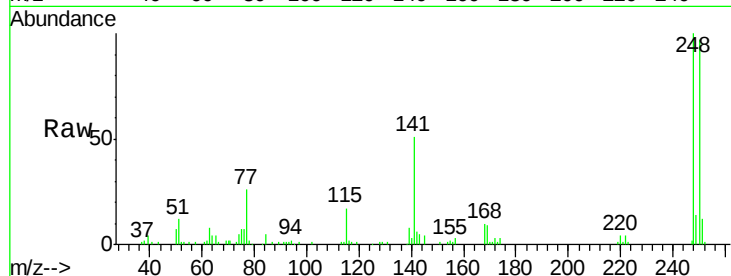




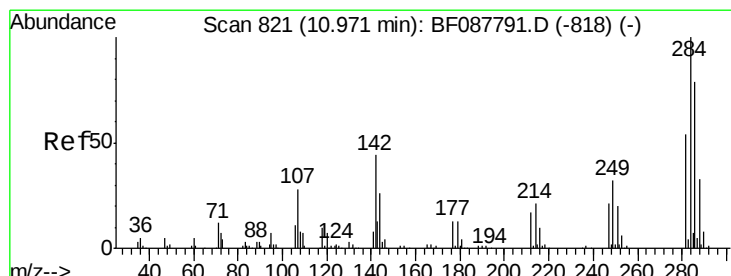
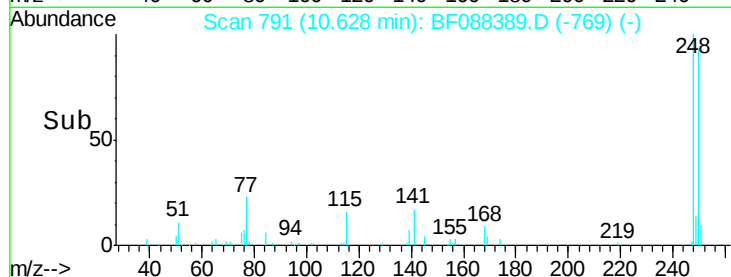
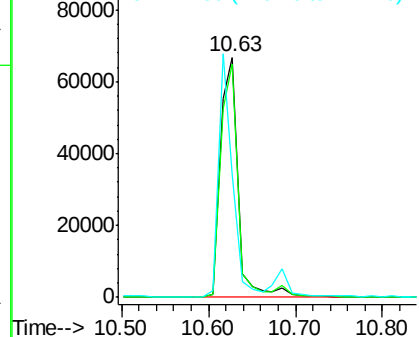
#66
 4-Bromophenyl-phenylether
 Concen: 47.67 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

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

Tgt Ion:248 Resp: 96526
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.1 115.7
 141 51.1 50.6 76.0

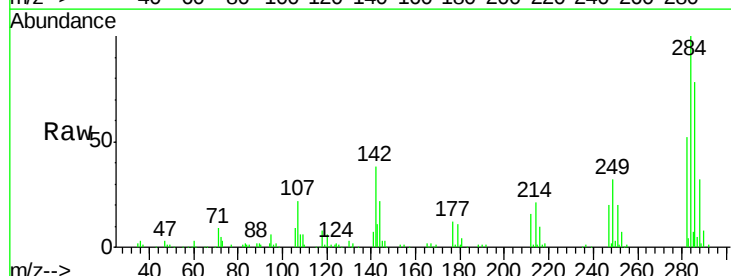


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

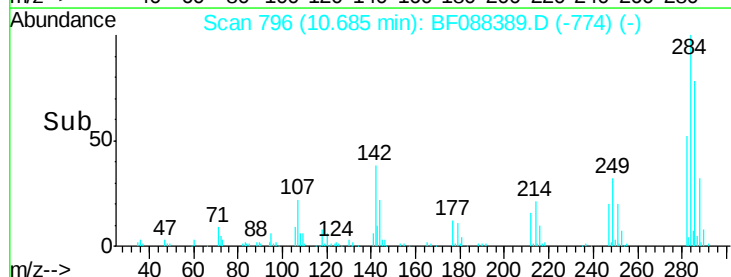
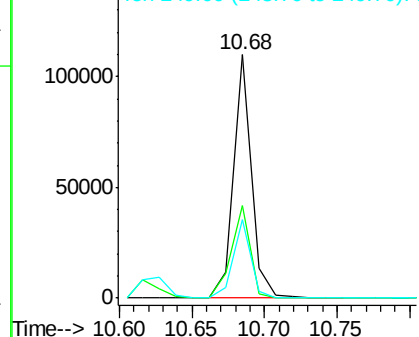


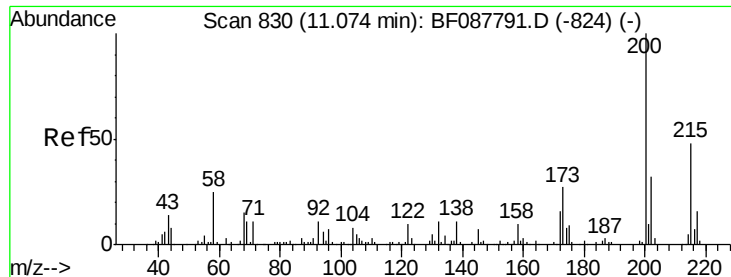
#67
 Hexachlorobenzene
 Concen: 44.77 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:284 Resp: 94192
 Ion Ratio Lower Upper
 284 100
 142 38.0 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: 49.37 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

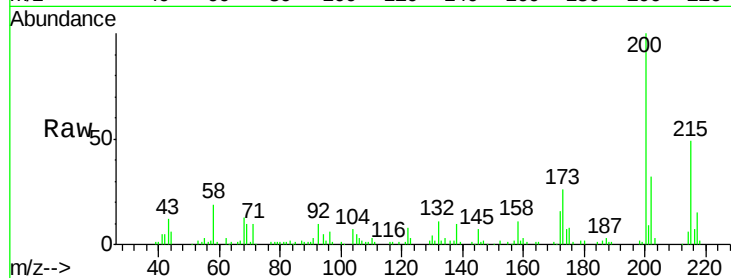
Tgt Ion:200 Resp: 93635

Ion Ratio Lower Upper

200 100

173 26.0 4.0 44.0

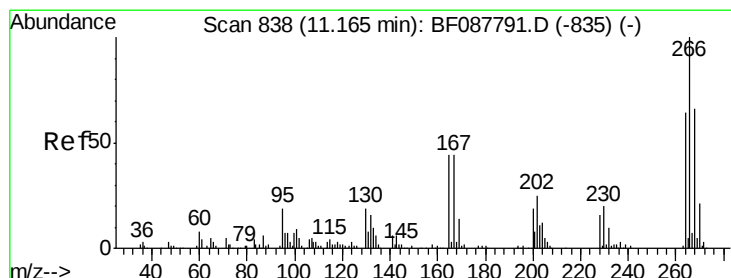
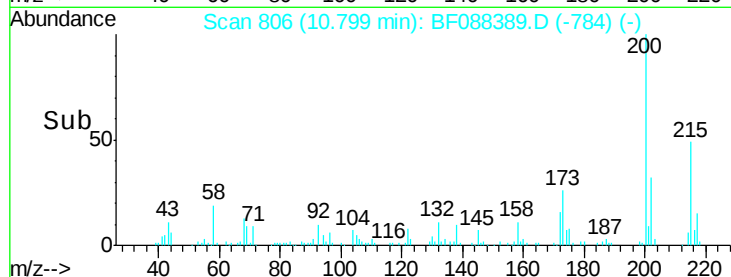
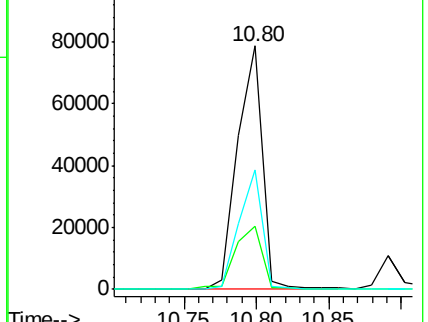
215 48.9 29.3 69.3



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: 58.16 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

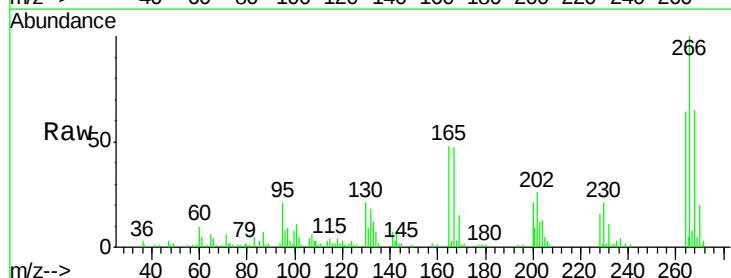
Tgt Ion:266 Resp: 64496

Ion Ratio Lower Upper

266 100

268 64.6 52.8 79.2

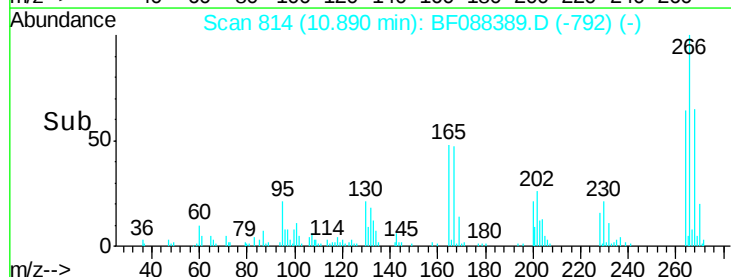
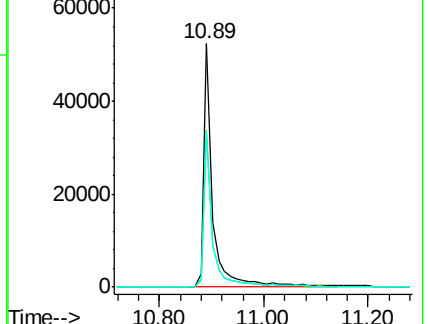
264 63.9 49.6 74.4

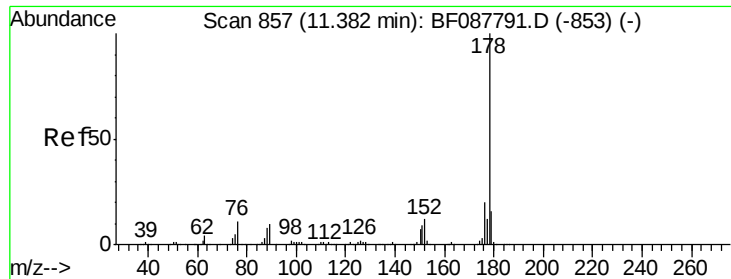


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 44.44 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

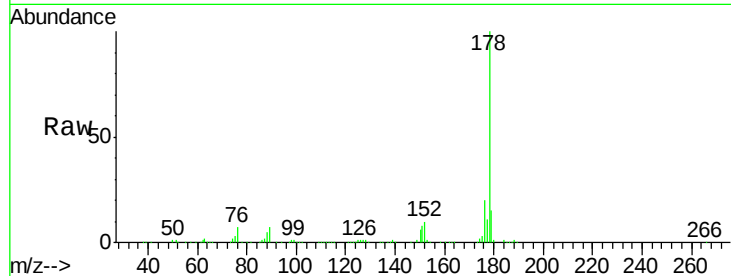
Tgt Ion:178 Resp: 440162

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

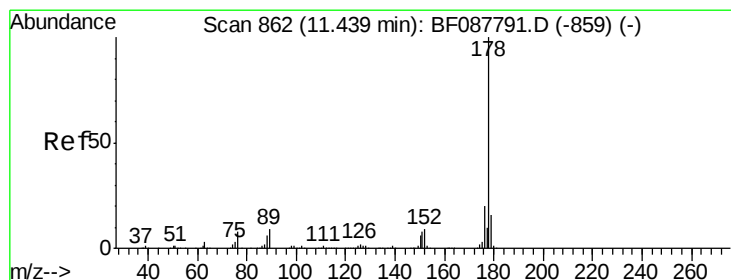
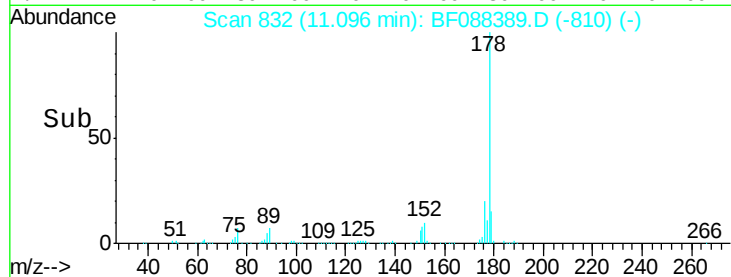
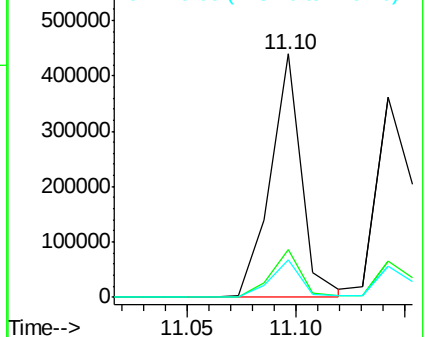
179 15.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 46.20 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

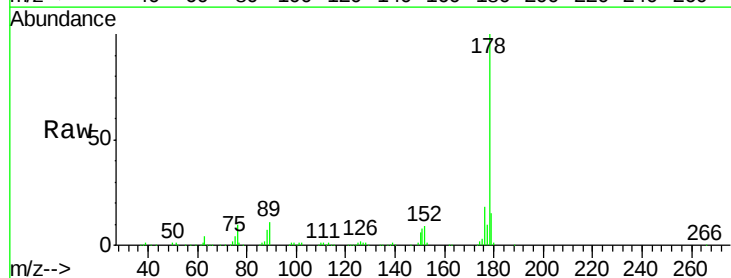
Tgt Ion:178 Resp: 461514

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

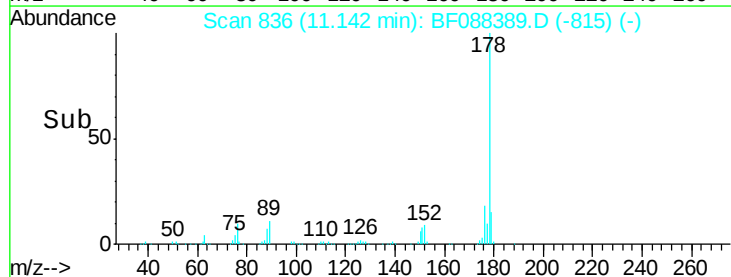
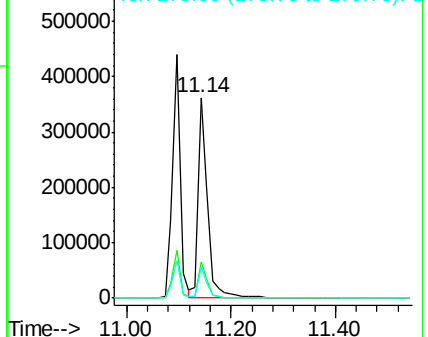
179 15.5 12.8 19.2

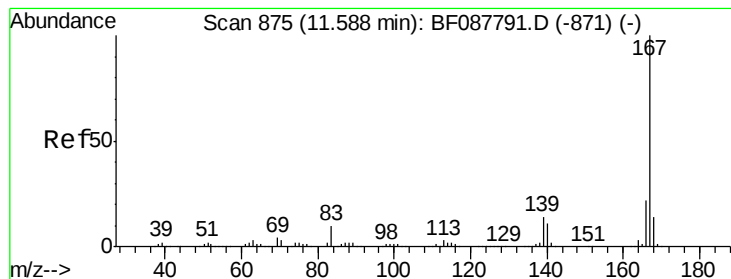


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 47.75 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

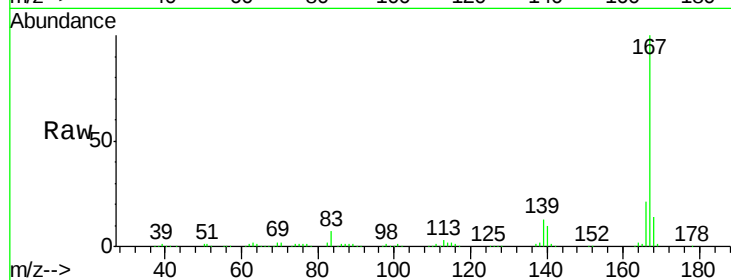
Tgt Ion:167 Resp: 446412

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

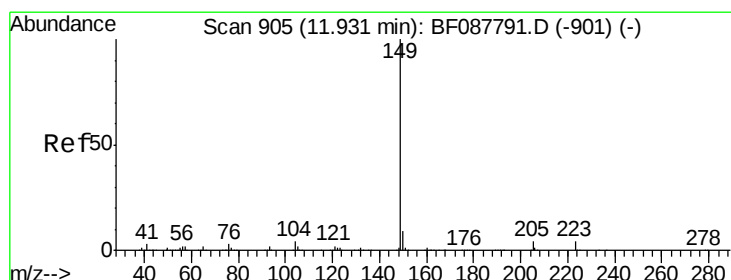
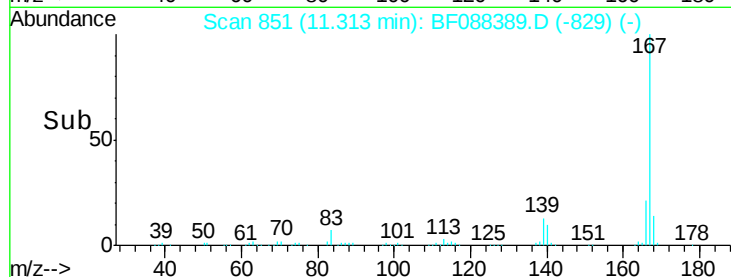
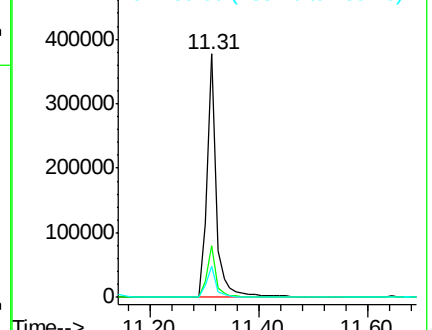
139 12.6 11.2 16.8



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: 48.04 ng

RT: 11.64 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

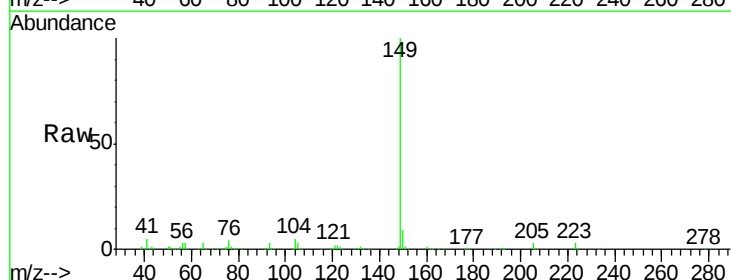
Tgt Ion:149 Resp: 568560

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

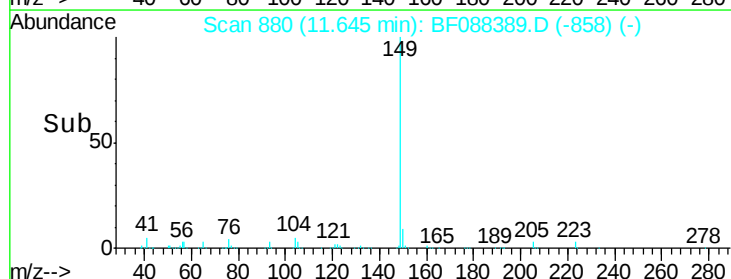
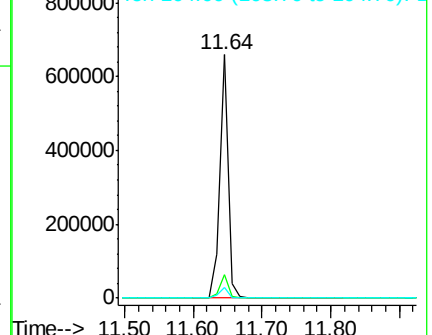
104 4.5 4.0 6.0

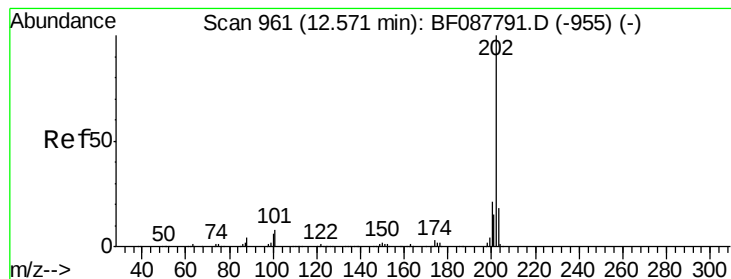


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.30 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

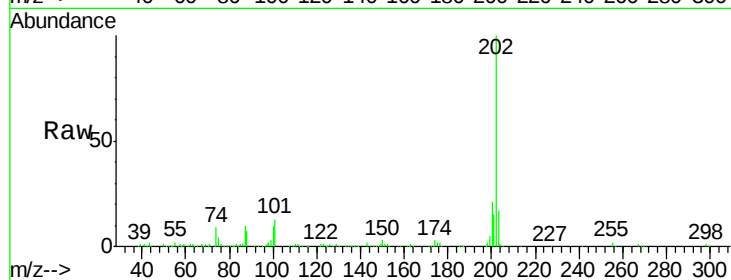
Tgt Ion:202 Resp: 400271

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.1

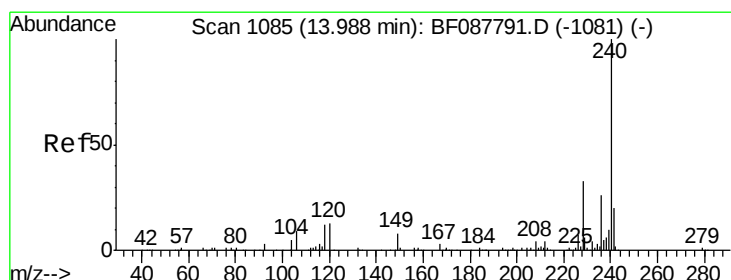
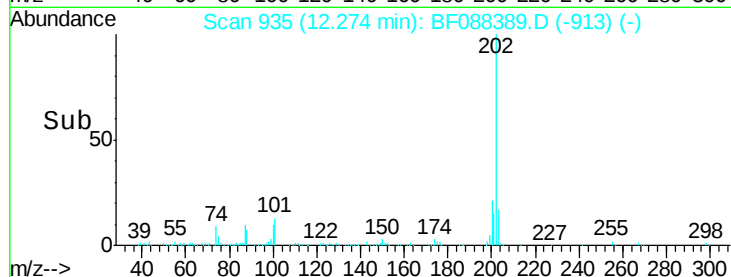
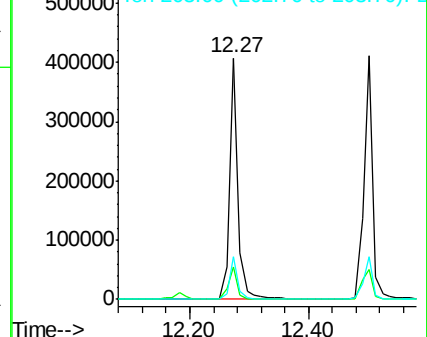
203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

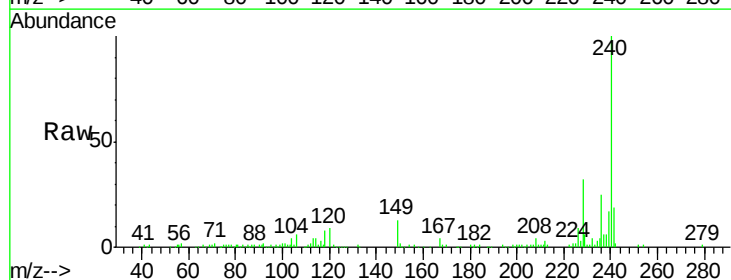
Tgt Ion:240 Resp: 133626

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

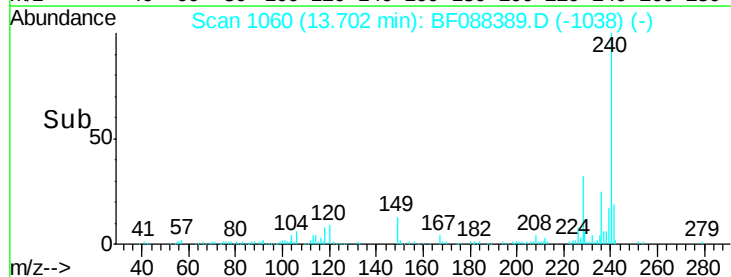
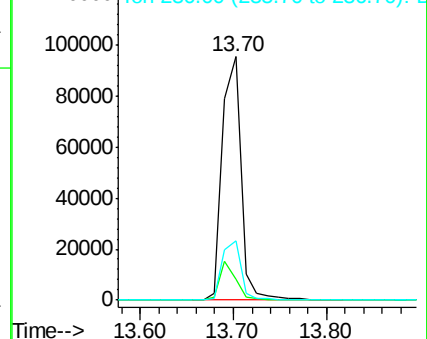
236 24.6 20.2 30.2

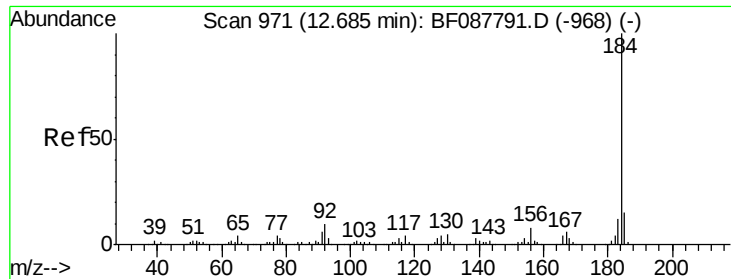


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

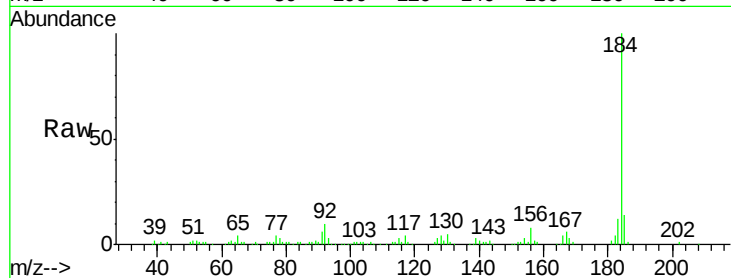




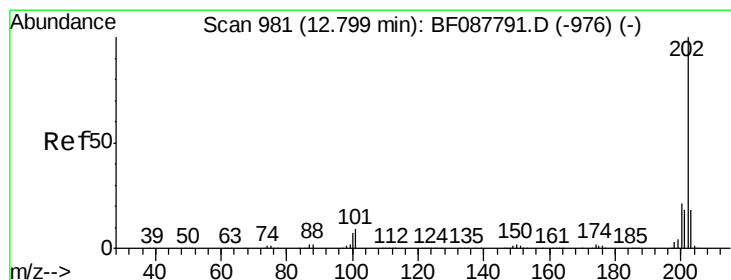
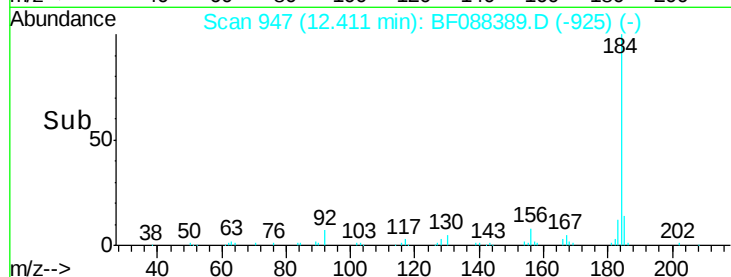
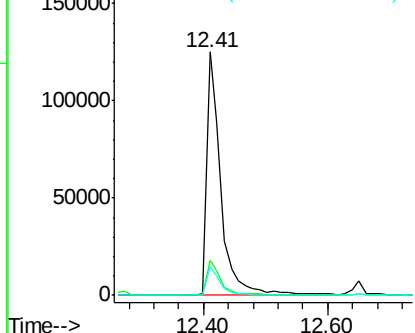
#76
Benzidine
Concen: 53.22 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

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

Tgt Ion:184 Resp: 196921
Ion Ratio Lower Upper
184 100
185 14.3 12.5 18.7
183 11.5 9.3 13.9

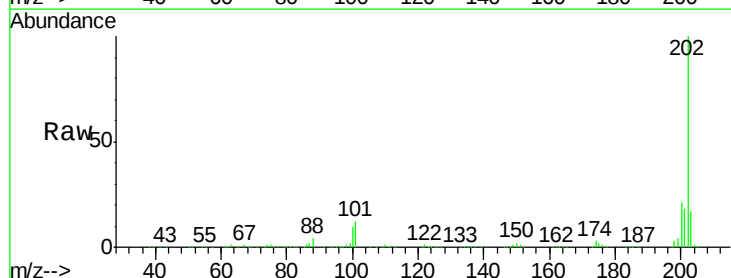


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

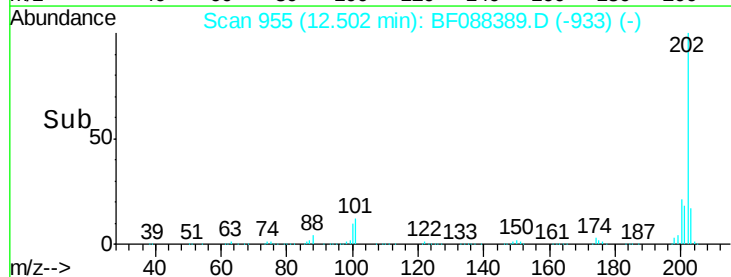
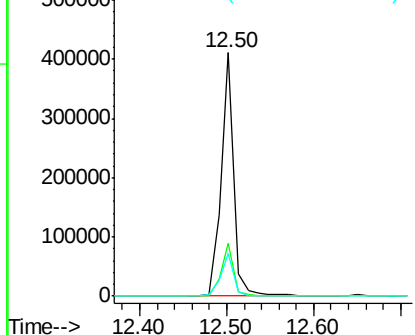


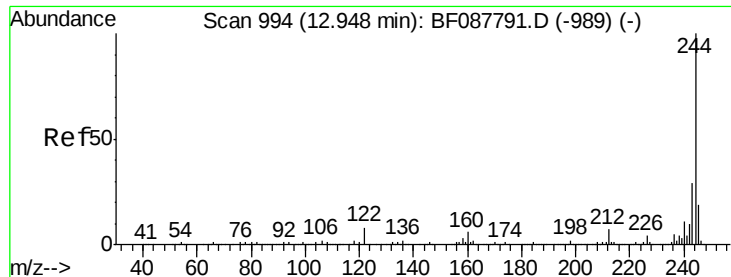
#77
Pyrene
Concen: 42.18 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:202 Resp: 418289
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.3 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

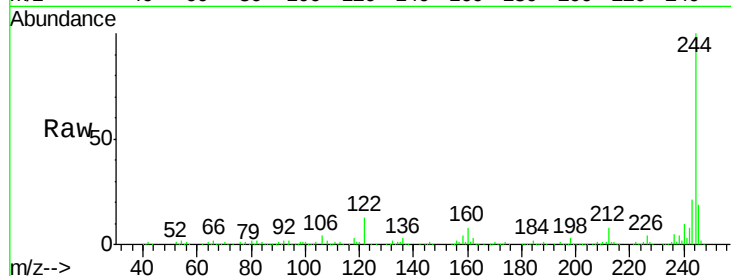




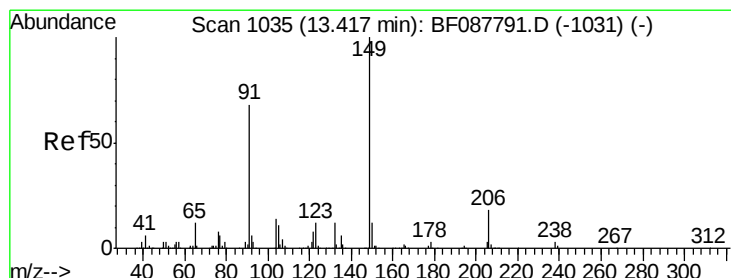
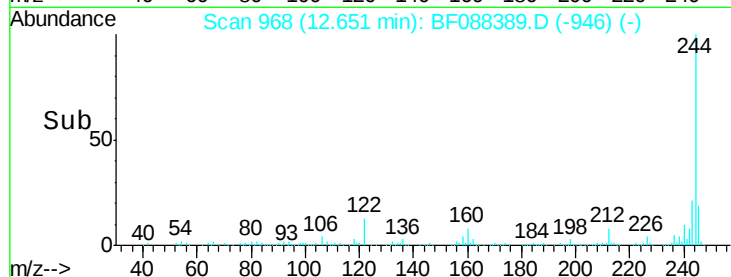
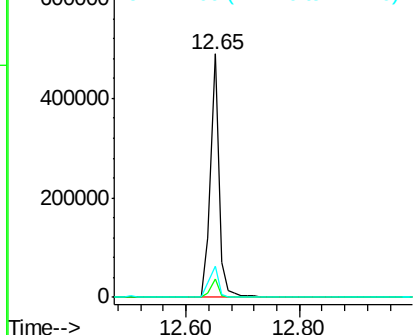
#78
 Terphenyl-d14
 Concen: 84.24 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

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

Tgt Ion:244 Resp: 494706
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 12.8 11.2 16.8

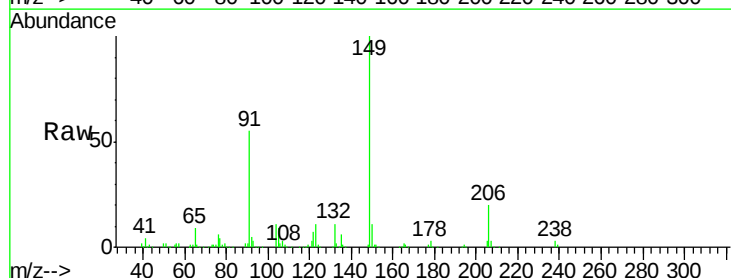


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

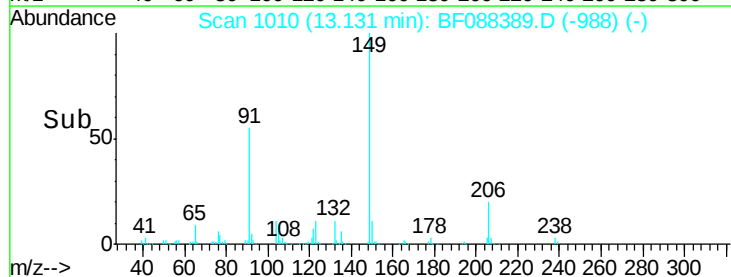
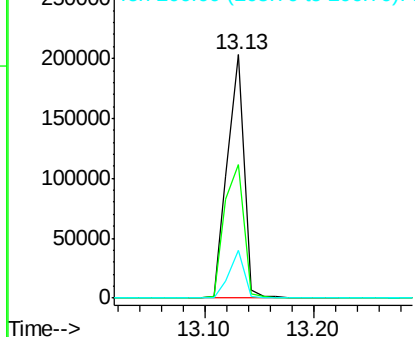


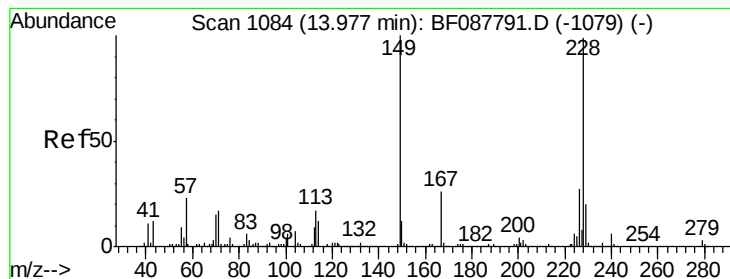
#79
 Butylbenzylphthalate
 Concen: 49.83 ng
 RT: 13.13 min Scan# 1010
 Delta R.T. -0.05 min
 Lab File: BF088389.D
 Acq: 25 Jun 2016 21:06

Tgt Ion:149 Resp: 218465
 Ion Ratio Lower Upper
 149 100
 91 55.1 48.0 72.0
 206 19.8 16.0 24.0



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





#80

Benzo(a)anthracene

Concen: 43.89 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

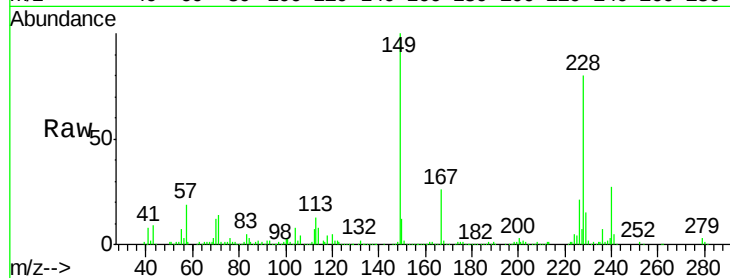
Tgt Ion:228 Resp: 334235

Ion Ratio Lower Upper

228 100

226 26.6 22.3 33.5

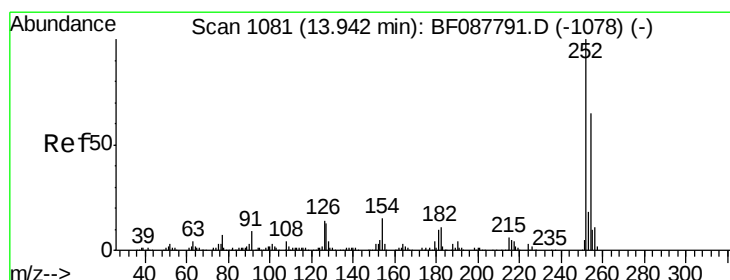
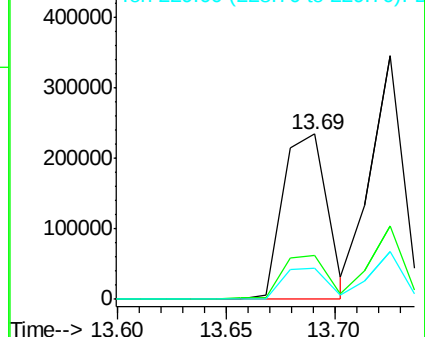
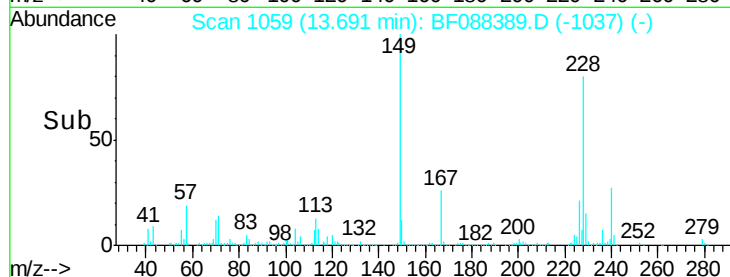
229 18.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 49.90 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

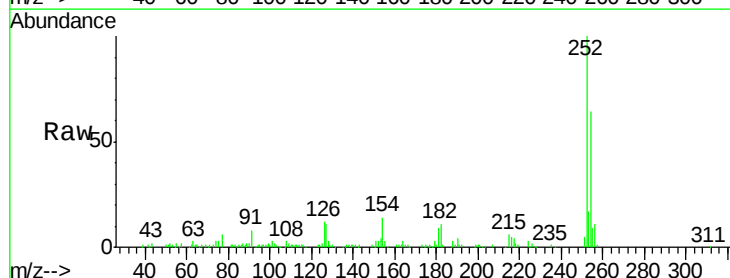
Tgt Ion:252 Resp: 102187

Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

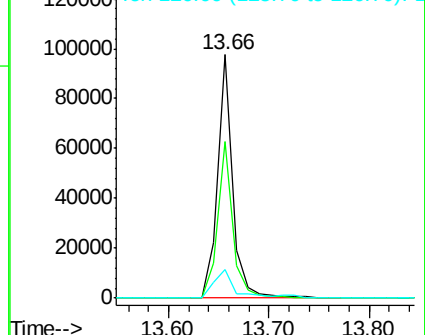
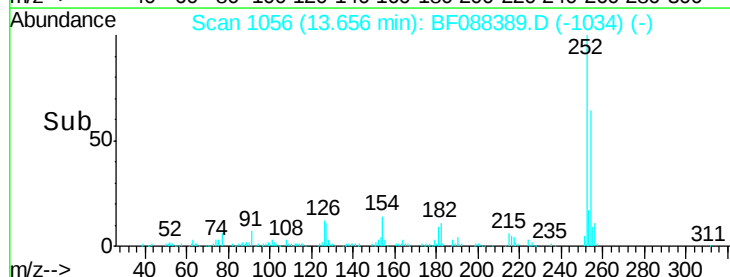
126 11.7 6.2 9.2#

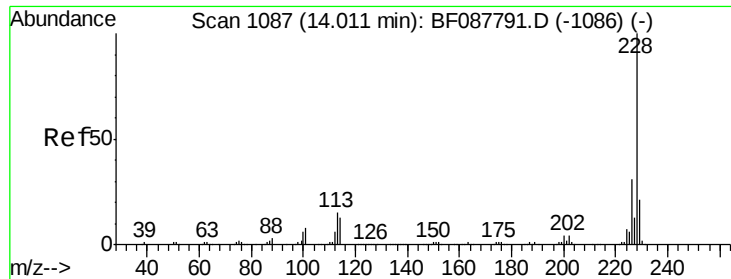


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 53.95 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

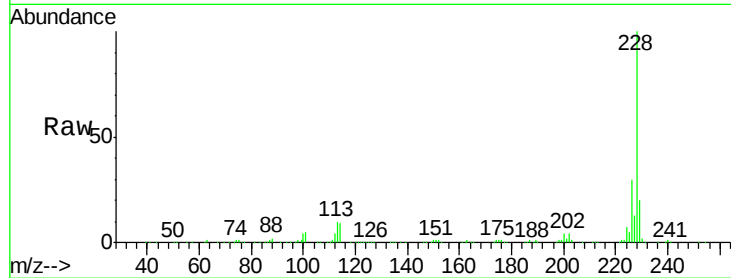
Tgt Ion:228 Resp: 386484

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.2

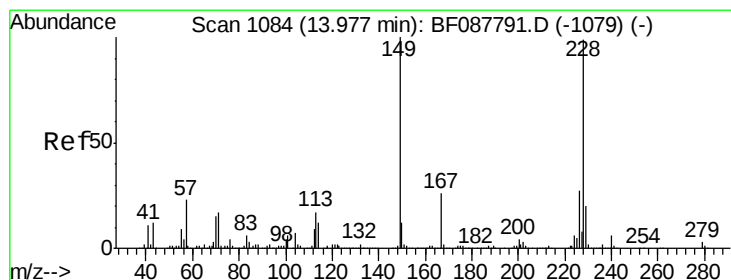
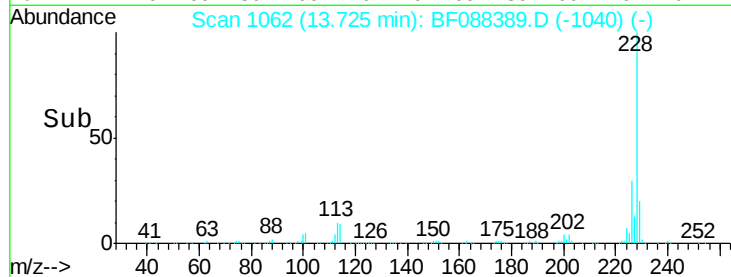
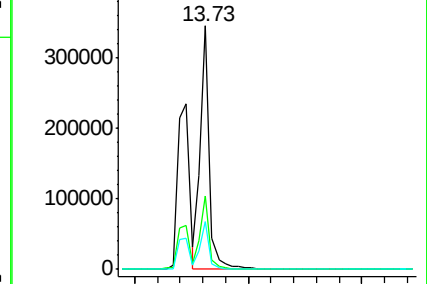
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.47 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

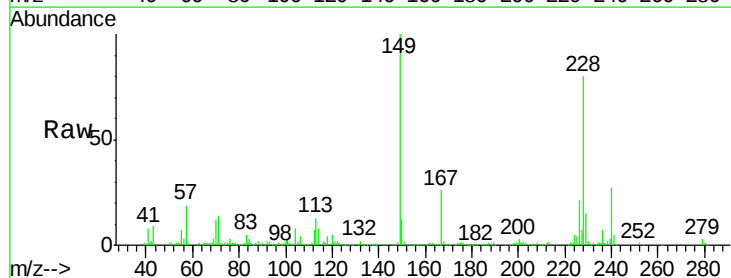
Tgt Ion:149 Resp: 285344

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

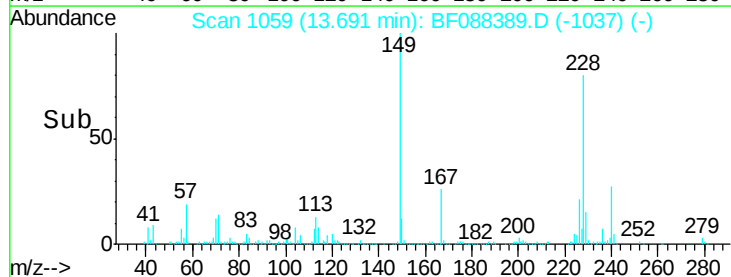
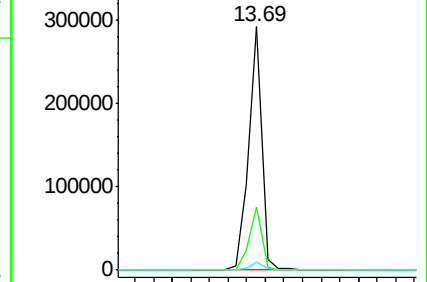
279 3.2 2.0 3.0#

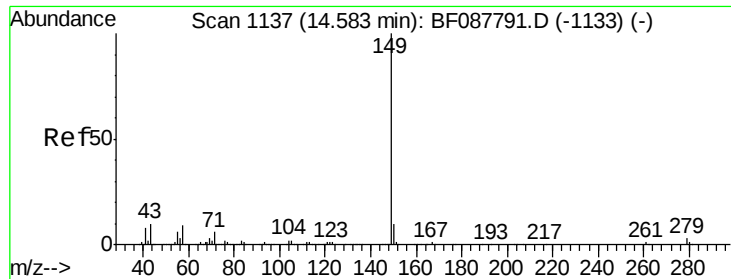


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 57.39 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.05 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

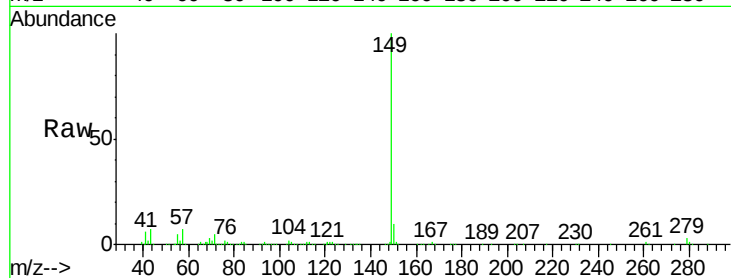
Tgt Ion:149 Resp: 497673

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

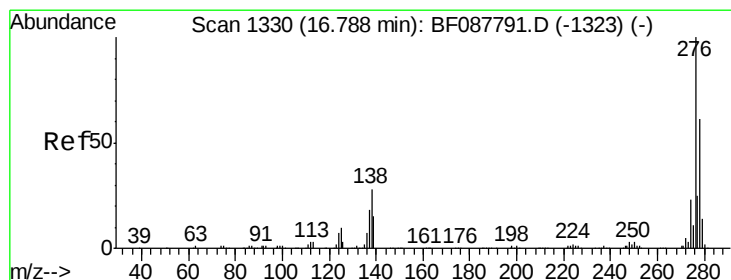
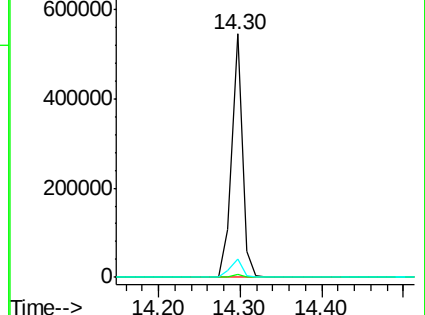
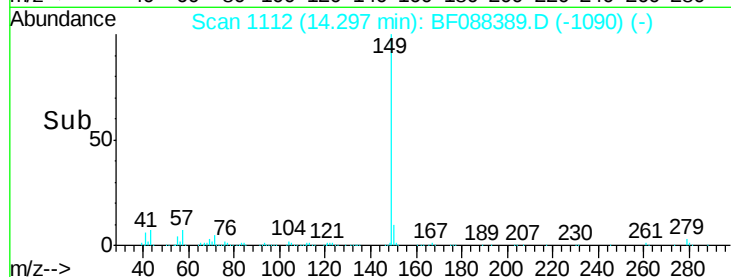
43 7.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.22 ng

RT: 16.27 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

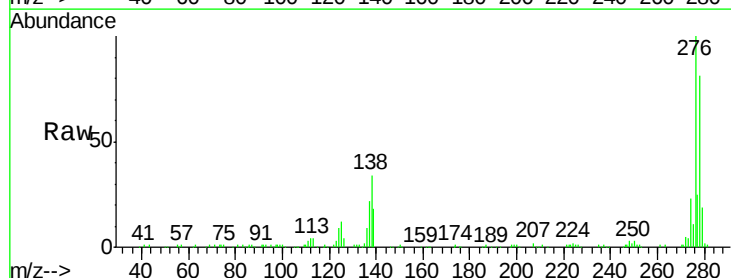
Tgt Ion:276 Resp: 267683

Ion Ratio Lower Upper

276 100

138 31.0 0.0 0.0#

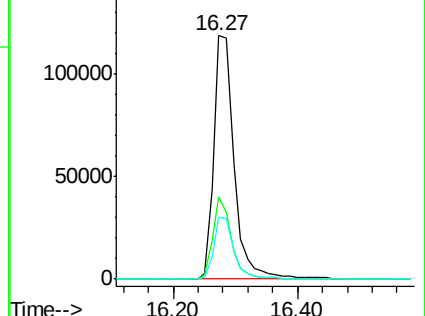
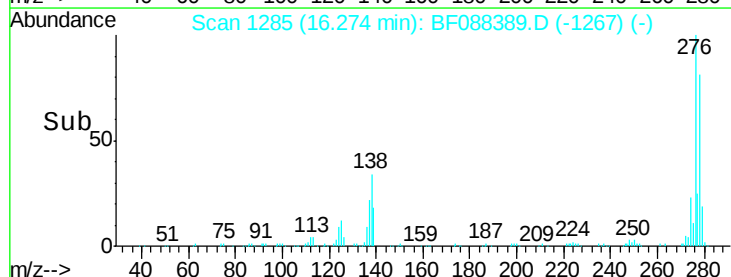
277 25.2 0.0 0.0#

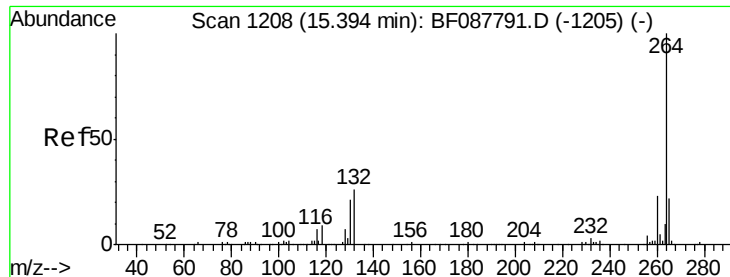


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

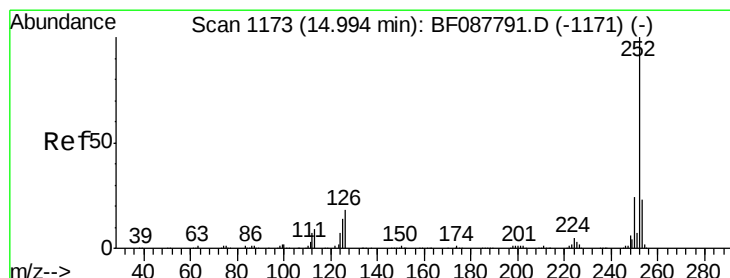
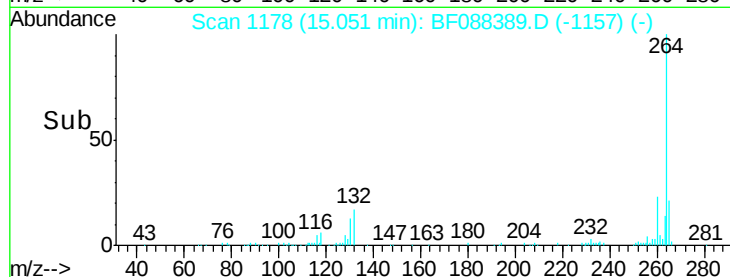
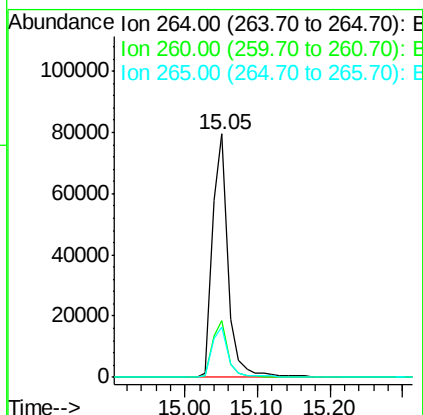
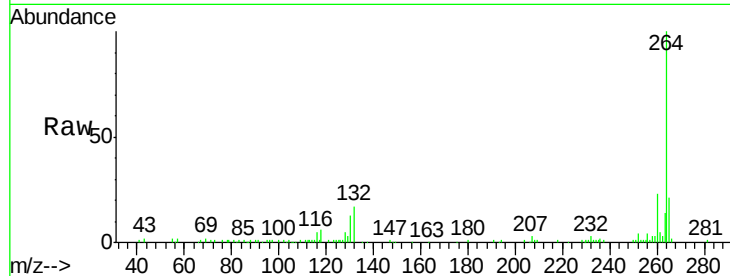




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

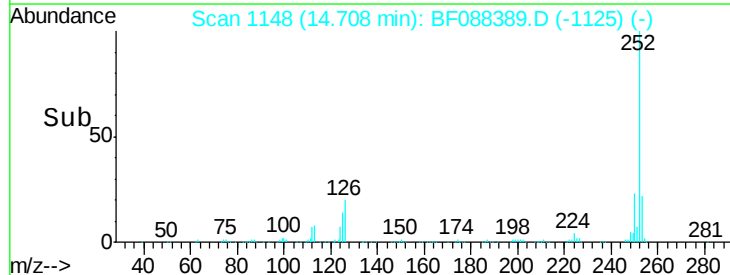
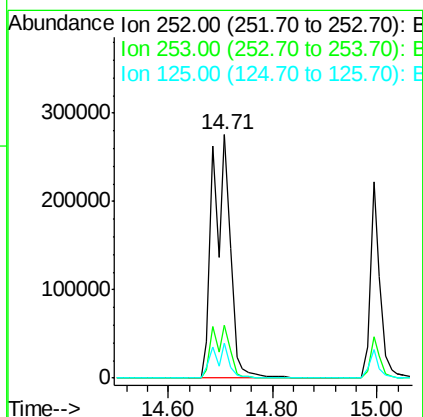
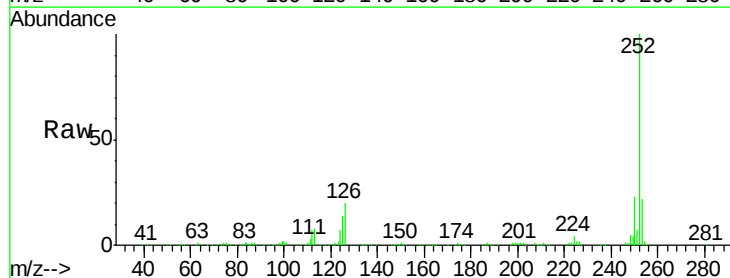
Instrument :
BNA_F
ClientSampleId :
PB-B1(0-12)CMSD

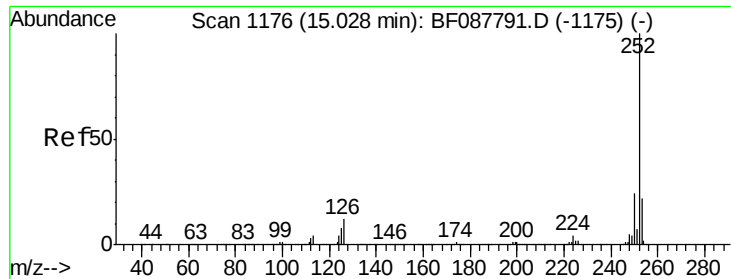
Tgt Ion:264 Resp: 118207
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 20.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 77.06 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088389.D
Acq: 25 Jun 2016 21:06

Tgt Ion:252 Resp: 634872
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 14.3 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 102.15 ng

RT: 14.71 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

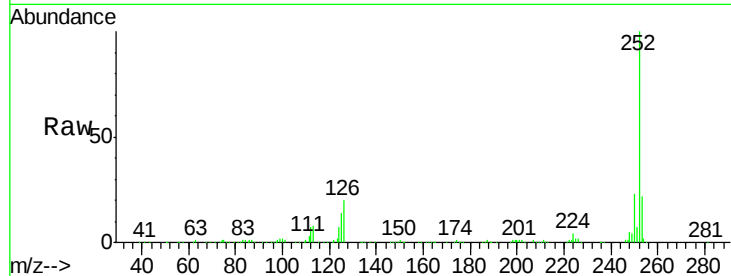
Tgt Ion:252 Resp: 634872

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

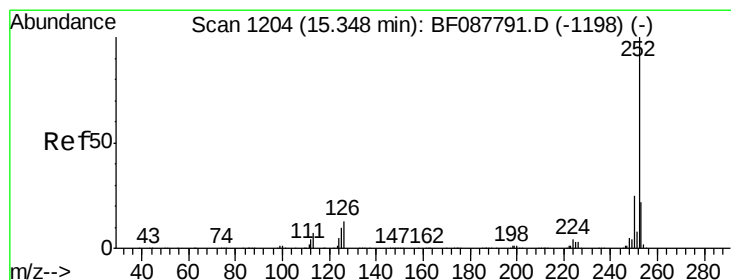
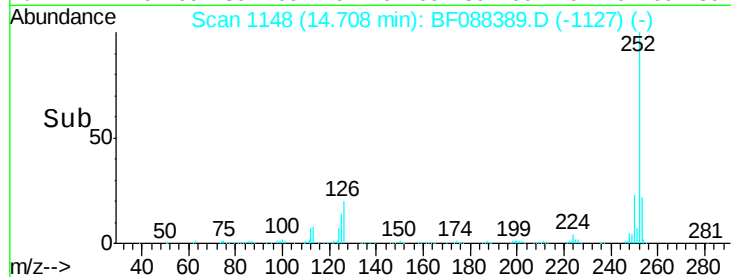
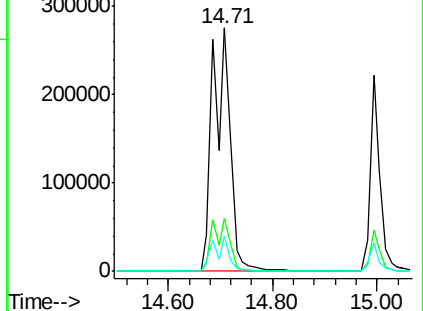
125 14.3 11.2 16.8



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: 44.15 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

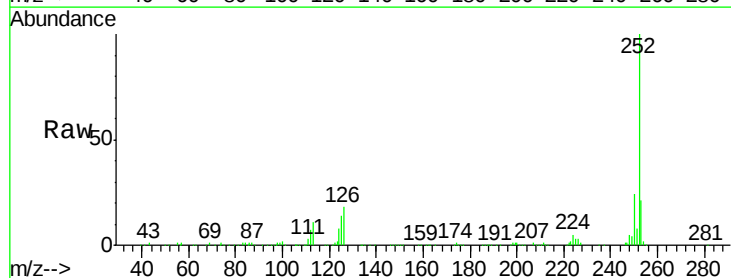
Tgt Ion:252 Resp: 294274

Ion Ratio Lower Upper

252 100

253 21.3 17.9 26.9

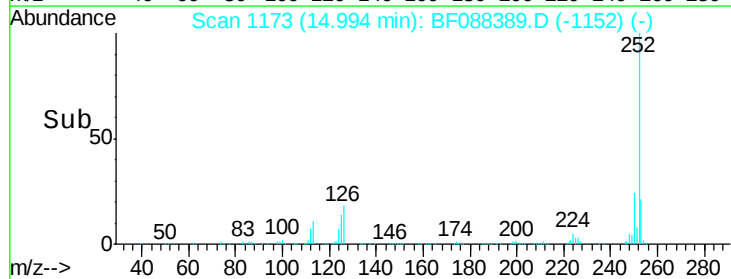
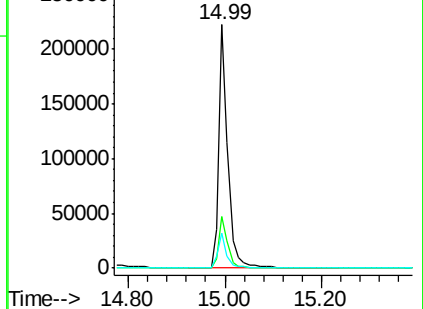
125 14.4 12.5 18.7

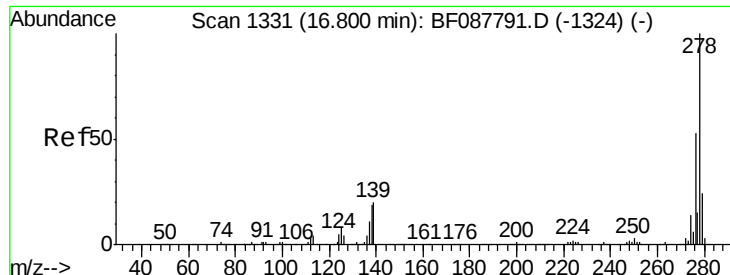


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 37.05 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

Instrument :

BNA_F

ClientSampleId :

PB-B1(0-12)CMSD

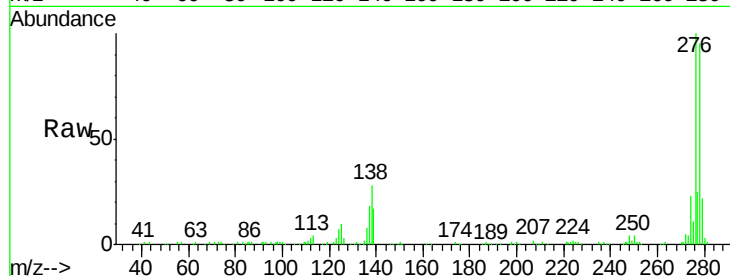
Tgt Ion:278 Resp: 229389

Ion Ratio Lower Upper

278 100

139 17.6 15.7 23.5

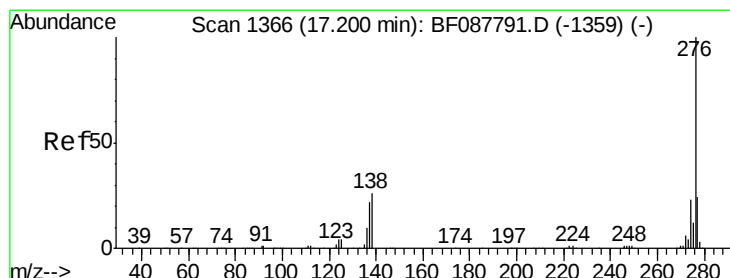
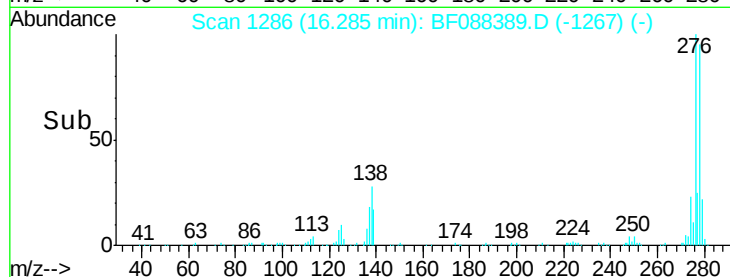
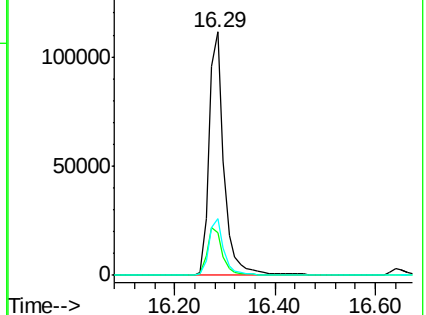
279 23.3 19.4 29.2



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: 34.76 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.10 min

Lab File: BF088389.D

Acq: 25 Jun 2016 21:06

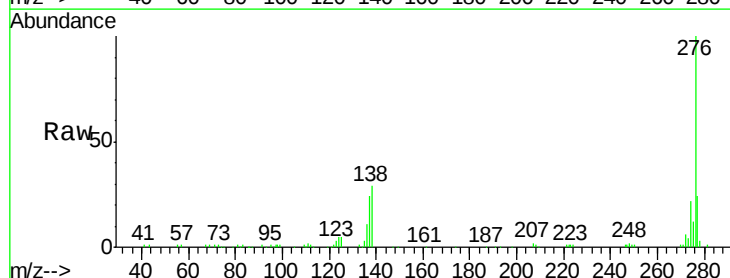
Tgt Ion:276 Resp: 221378

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 28.7 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

