

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088358.D
 Acq On : 25 Jun 2016 4:51
 Operator : UM/SJ
 Sample : PB91593BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Quant Time: Jun 25 05:29:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 25 04:10:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	73166	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	283476	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	116856	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	180451	20.00	ng	0.00
75) Chrysene-d12	13.71	240	144023	20.00	ng	-0.01
86) Perylene-d12	15.07	264	117169	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	510409	119.26	ng	0.02
7) Phenol-d6	6.25	99	574525	110.77	ng	-0.01
23) Nitrobenzene-d5	7.16	82	380120	78.30	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	117443	95.18	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	650547	87.63	ng	-0.01
78) Terphenyl-d14	12.67	244	474797	75.02	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.08	88	62767	30.18	ng	# 31
3) Pyridine	2.75	79	68612	13.97	ng	92
4) n-Nitrosodimethylamine	2.67	42	29424	14.15	ng	89
6) Aniline	6.25	93	72555	9.83	ng	# 36
8) 2-Chlorophenol	6.38	128	104611	20.65	ng	88
9) Benzaldehyde	6.14	77	62213	15.03	ng	98
10) Phenol	6.27	94	122843	21.65	ng	90
11) bis(2-Chloroethyl)ether	6.33	93	102341	22.50	ng	85
12) 1,3-Dichlorobenzene	6.75	146	100992	18.58	ng	97
13) 1,4-Dichlorobenzene	6.60	146	114423	20.90	ng	96
14) 1,2-Dichlorobenzene	6.75	146	114440	22.98	ng	95
15) Benzyl Alcohol	6.75	79	73124	18.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	107144	17.44	ng	# 30
17) 2-Methylphenol	6.88	107	73587	17.91	ng	# 85
18) Hexachloroethane	7.08	117	34545	17.78	ng	# 83
19) n-Nitroso-di-n-propylamine	7.02	70	67397	20.31	ng	# 81
20) 3+4-Methylphenols	7.04	107	98091	20.46	ng	# 80
22) Acetophenone	7.00	105	145315	22.94	ng	# 98
24) Nitrobenzene	7.18	77	95017	20.21	ng	89
25) Isophorone	7.42	82	178717	19.88	ng	100
26) 2-Nitrophenol	7.50	139	53685	21.31	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	92245	19.89	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	117816	21.13	ng	# 95
29) 2,4-Dichlorophenol	7.75	162	86957	22.46	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	90212	21.39	ng	99
31) Naphthalene	7.90	128	302695	21.58	ng	98
32) Benzoic acid	7.69	122	27933	10.94	ng	90
33) 4-Chloroaniline	7.96	127	58156	9.28	ng	95
34) Hexachlorobutadiene	8.01	225	47918	21.55	ng	98
35) Caprolactam	8.32	113	23068	17.98	ng	# 72
36) 4-Chloro-3-methylphenol	8.46	107	86028	20.77	ng	96
37) 2-Methylnaphthalene	8.58	142	190476	20.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	79452	22.10	ng	# 1
42) 2,4,6-Trichlorophenol	8.88	196	45878	19.63	ng	100

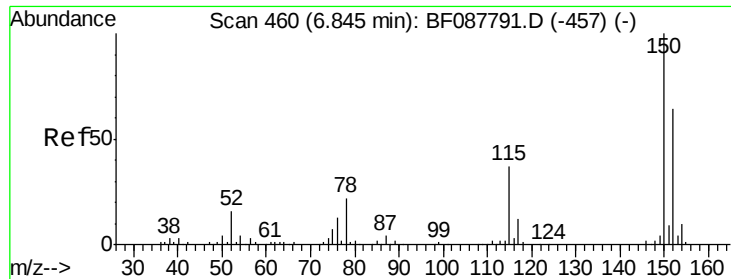
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	51584	21.22	ng	94
45) 1,1'-Biphenyl	9.05	154	236996	24.14	ng	95
46) 2-Chloronaphthalene	9.07	162	175124	23.16	ng	93
47) 2-Nitroaniline	9.18	65	48403	21.70	ng	90
48) Acenaphthylene	9.47	152	256615	21.33	ng	98
49) Dimethylphthalate	9.36	163	201526	23.81	ng	98
50) 2,6-Dinitrotoluene	9.42	165	40350	20.81	ng	# 52
51) Acenaphthene	9.64	154	149852	19.97	ng	99
52) 3-Nitroaniline	9.60	138	34209	15.29	ng	86
53) 2,4-Dinitrophenol	9.74	184	3291	6.84	ng	# 79
54) Dibenzofuran	9.83	168	225071	21.78	ng	92
55) 4-Nitrophenol	9.82	139	153764	88.56	ng	# 19
56) 2,4-Dinitrotoluene	9.83	165	53252	21.37	ng	# 72
57) Fluorene	10.16	166	176229	22.86	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	39806	20.83	ng	# 59
59) Diethylphthalate	10.04	149	192654	22.48	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	82532	24.02	ng	95
61) 4-Nitroaniline	10.20	138	34568	16.29	ng	97
62) Azobenzene	10.32	77	189740	22.39	ng	94
64) 4,6-Dinitro-2-methylphenol	10.24	198	4210	5.73	ng	93
65) n-Nitrosodiphenylamine	10.28	169	156946	26.21	ng	98
66) 4-Bromophenyl-phenylether	10.64	248	45623	23.57	ng	# 73
67) Hexachlorobenzene	10.71	284	44567	22.16	ng	# 86
68) Atrazine	10.81	200	43784	24.15	ng	91
69) Pentachlorophenol	10.91	266	44029	41.53	ng	97
70) Phenanthrene	11.12	178	218052	23.03	ng	97
71) Anthracene	11.16	178	224519	23.51	ng	98
72) Carbazole	11.34	167	202077	22.61	ng	96
73) Di-n-butylphthalate	11.67	149	275078	24.31	ng	# 98
74) Fluoranthene	12.30	202	213961	21.41	ng	97
76) Benzidine	12.43	184	232169	58.22	ng	98
77) Pyrene	12.52	202	208742	19.53	ng	98
79) Butylbenzylphthalate	13.15	149	97543	20.64	ng	91
80) Benzo(a)anthracene	13.70	228	185041	22.55	ng	98
81) 3,3'-Dichlorobenzidine	13.68	252	63302	28.68	ng	# 98
82) Chrysene	13.75	228	190416	24.66	ng	96
83) Bis(2-ethylhexyl)phthalate	13.71	149	134407	23.37	ng	# 98
84) Di-n-octyl phthalate	14.32	149	253047	27.07	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.32	276	131235	18.29	ng	# 100
87) Benzo(b)fluoranthene	14.71	252	335372	41.07	ng	# 97
88) Benzo(k)fluoranthene	14.71	252	335372	54.44	ng	98
89) Benzo(a)pyrene	15.03	252	148009	22.40	ng	# 93
90) Dibenzo(a,h)anthracene	16.32	278	111534	18.17	ng	96
91) Benzo(g,h,i)perylene	16.70	276	104084	16.49	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.00 min

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PB91593BS

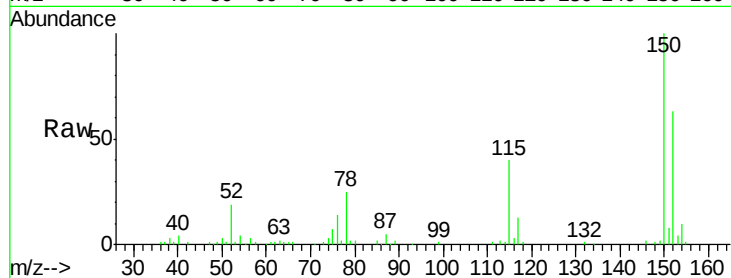
Tgt Ion:152 Resp: 73166

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

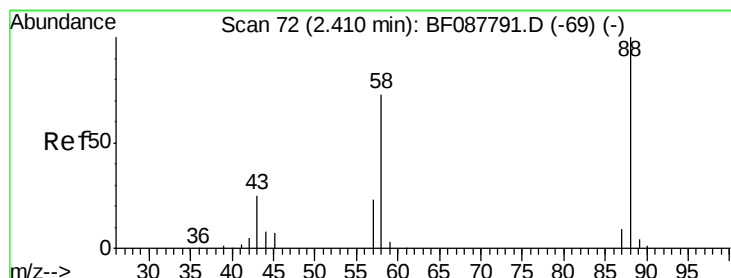
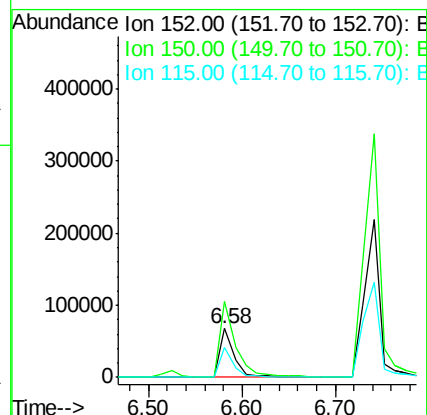
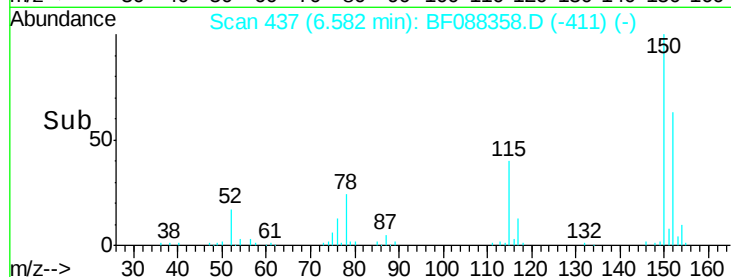
115 62.9 39.6 59.4#



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: 30.18 ng

RT: 2.08 min Scan# 43

Delta R.T. 0.09 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

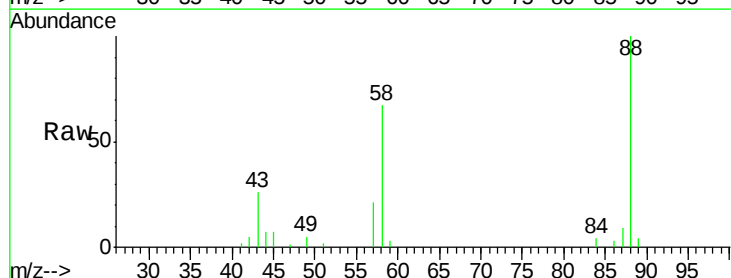
Tgt Ion: 88 Resp: 62767

Ion Ratio Lower Upper

88 100

58 69.8 0.0 0.0#

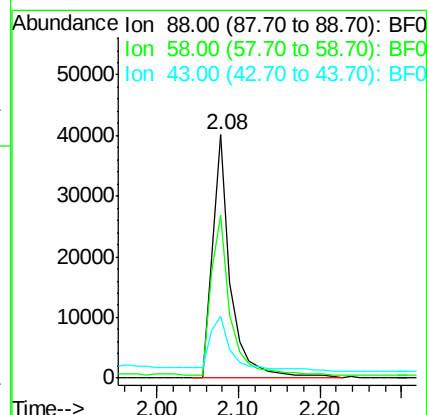
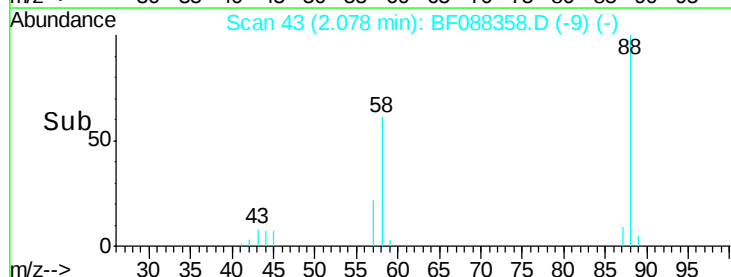
43 26.9 3.4 5.2#

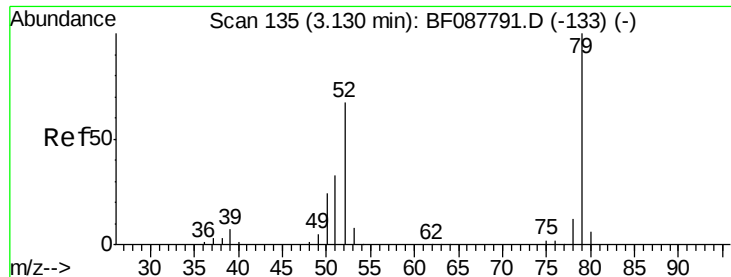


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 13.97 ng

RT: 2.75 min Scan# 102

Delta R.T. 0.11 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

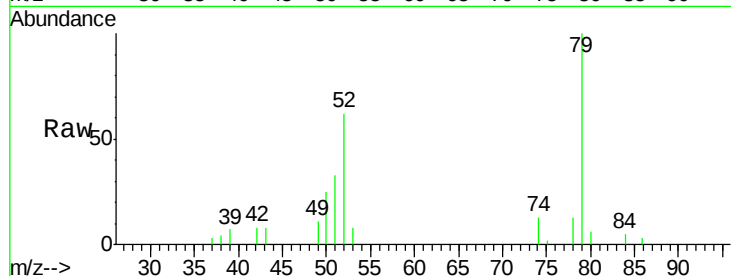
Tgt Ion: 79 Resp: 68612

Ion Ratio Lower Upper

79 100

52 61.5 56.3 84.5

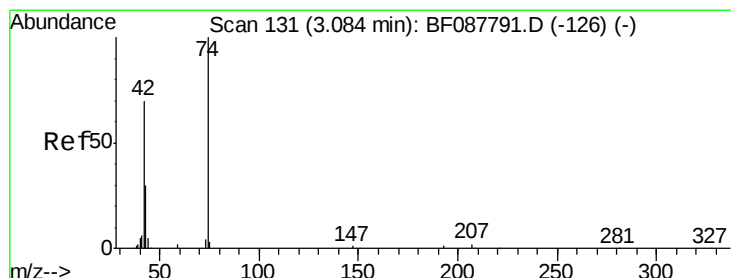
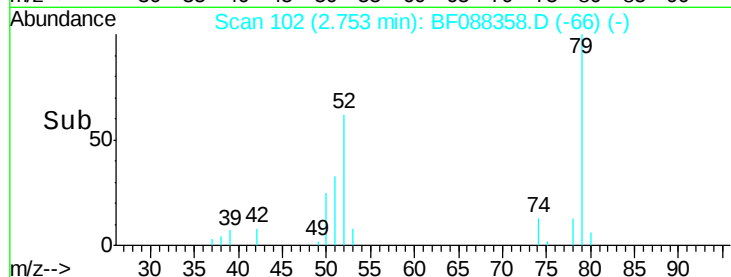
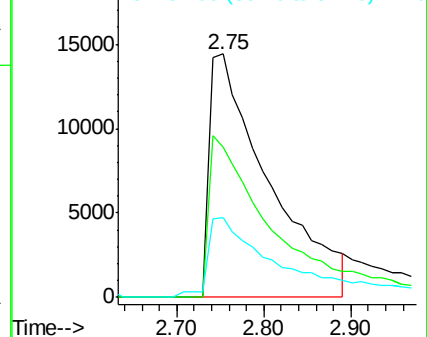
51 32.5 27.4 41.2



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: 14.15 ng

RT: 2.67 min Scan# 95

Delta R.T. 0.07 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

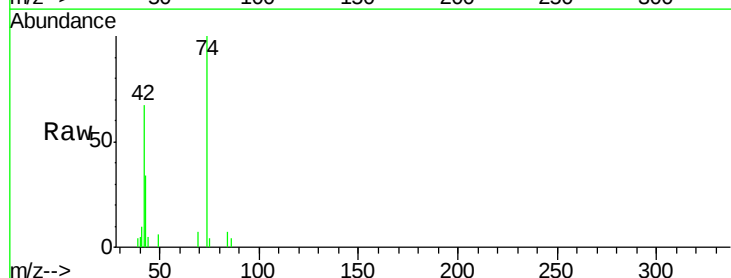
Tgt Ion: 42 Resp: 29424

Ion Ratio Lower Upper

42 100

74 149.0 108.6 163.0

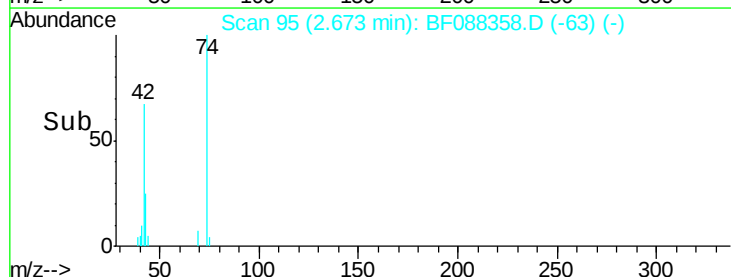
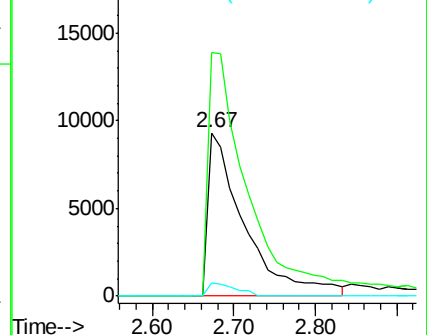
44 7.9 5.5 8.3

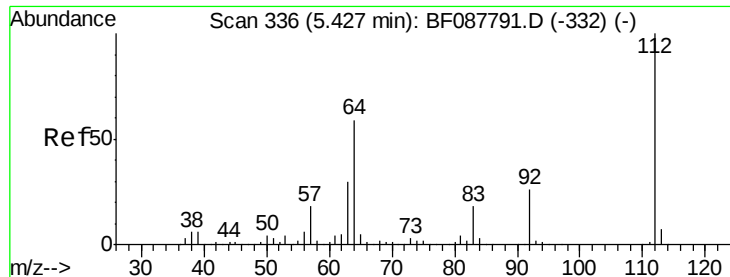


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.26 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.02 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

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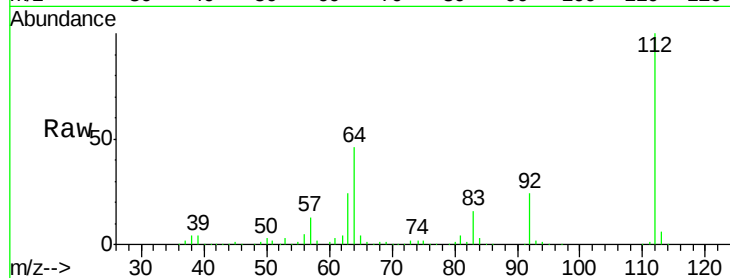
Tgt Ion: 112 Resp: 510409

Ion Ratio Lower Upper

112 100

64 45.9 42.2 63.2

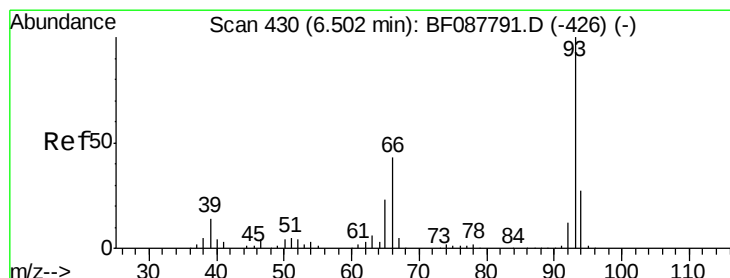
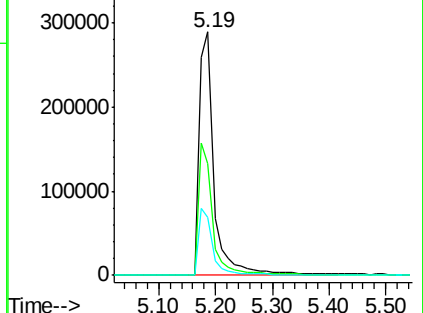
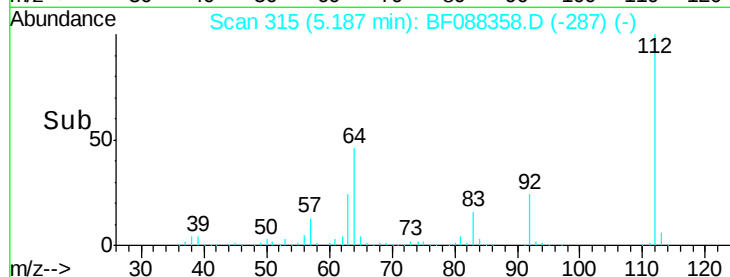
63 23.6 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.83 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

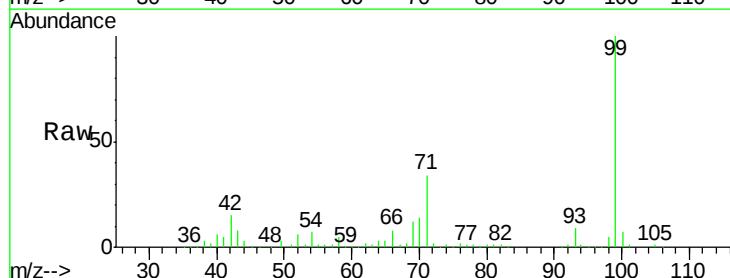
Tgt Ion: 93 Resp: 72555

Ion Ratio Lower Upper

93 100

66 88.3 29.8 44.8#

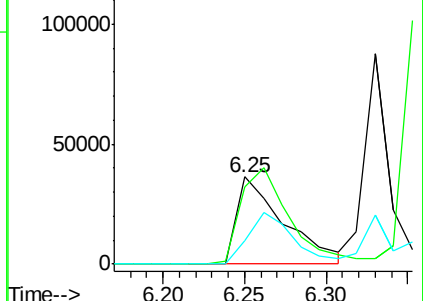
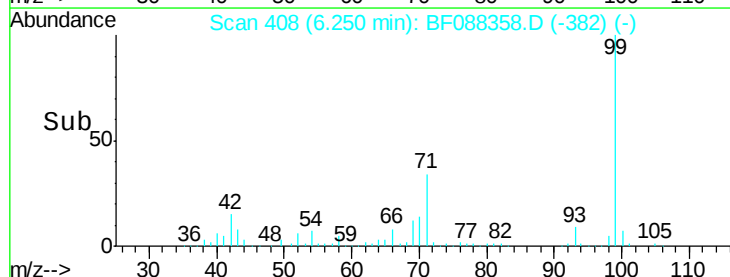
65 27.7 14.9 22.3#

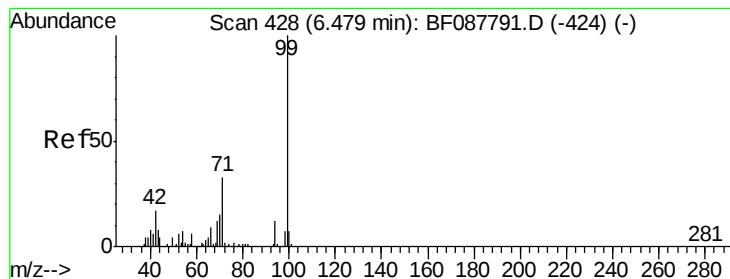


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.77 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088358.D

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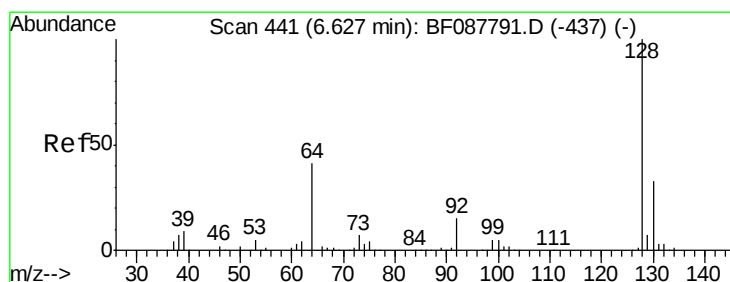
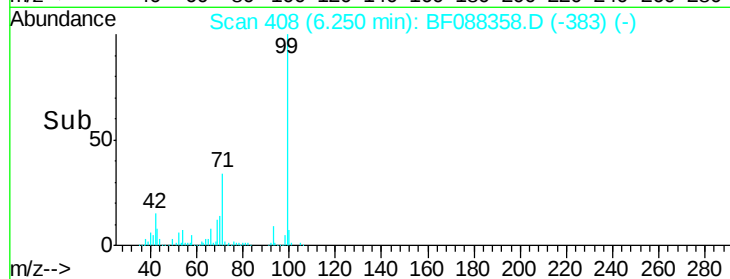
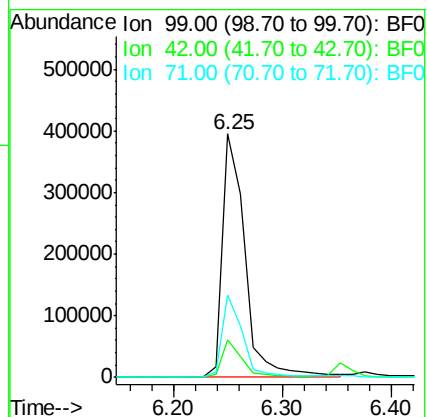
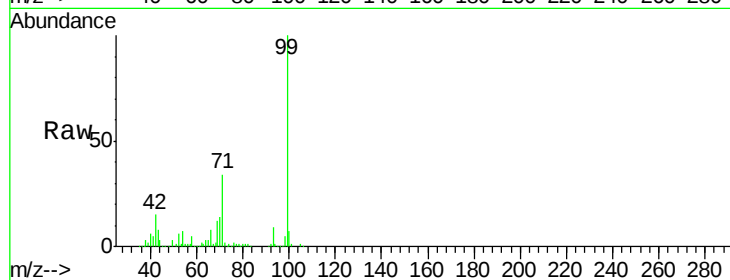
Tgt Ion: 99 Resp: 574525

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.2

71 34.0 23.4 35.0



#8

2-Chlorophenol

Concen: 20.65 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

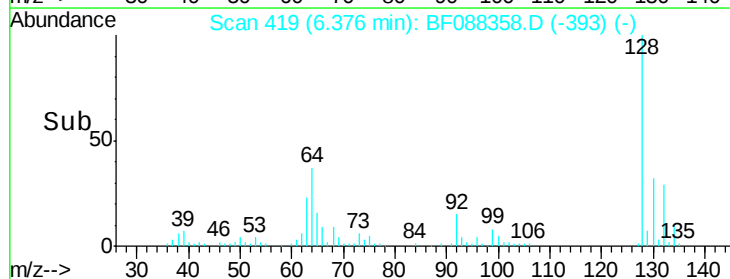
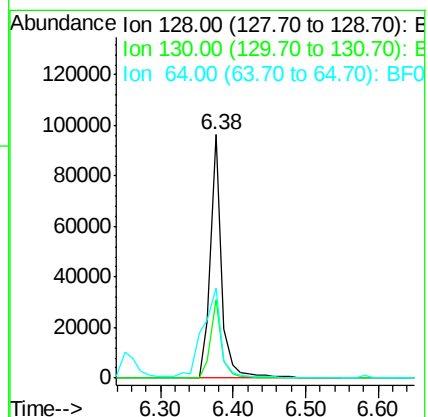
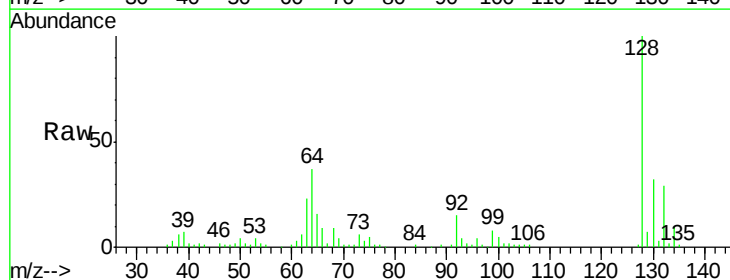
Tgt Ion: 128 Resp: 104611

Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 37.0 30.8 70.8





#9

Benzaldehyde

Concen: 15.03 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

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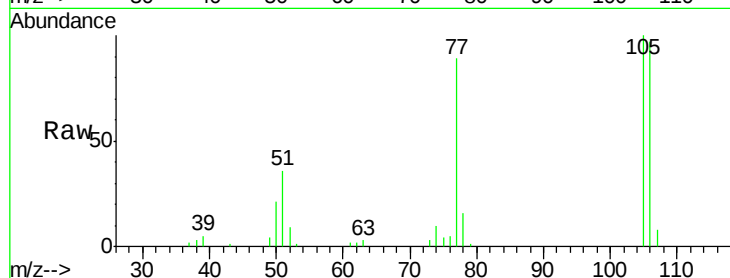
Tgt Ion: 77 Resp: 62213

Ion Ratio Lower Upper

77 100

105 111.8 90.6 130.6

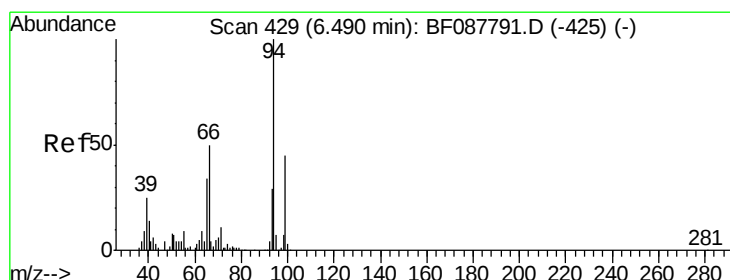
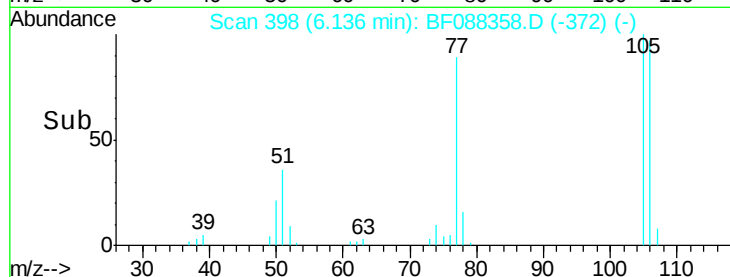
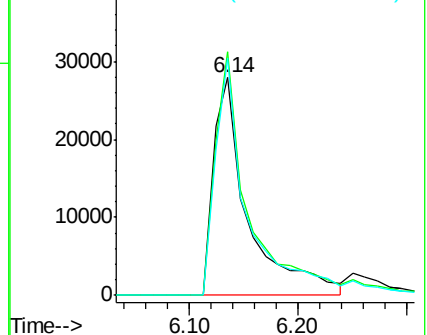
106 108.6 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 21.65 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

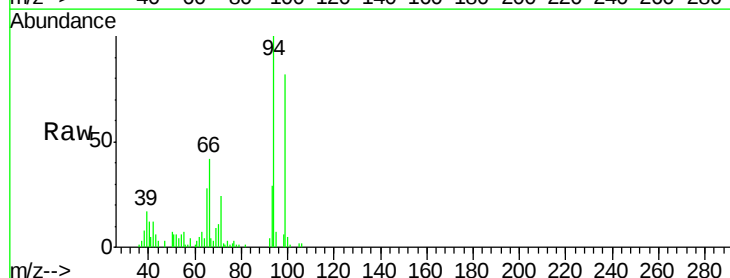
Tgt Ion: 94 Resp: 122843

Ion Ratio Lower Upper

94 100

65 28.4 5.9 45.9

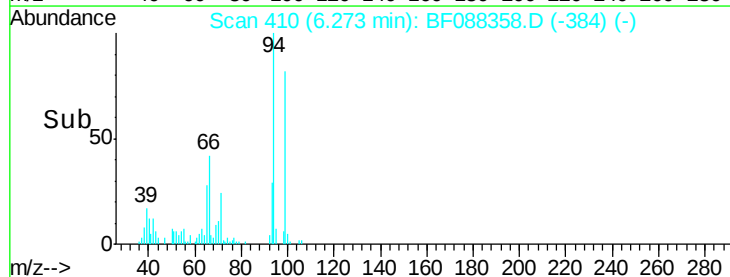
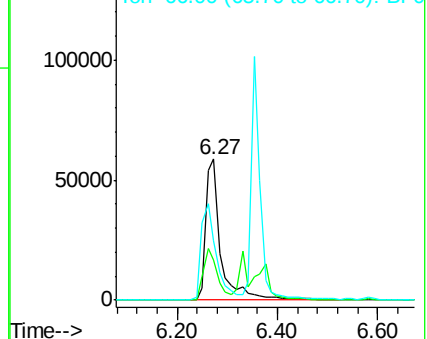
66 42.4 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

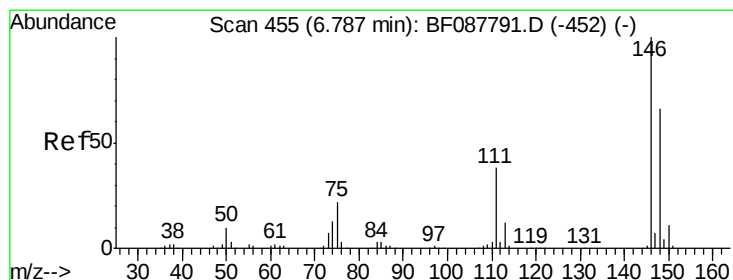
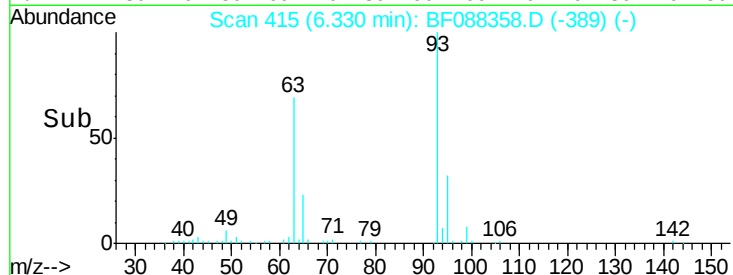
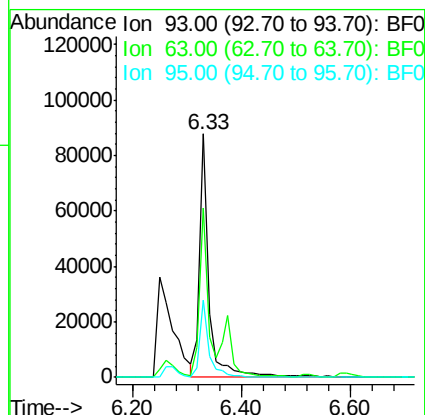
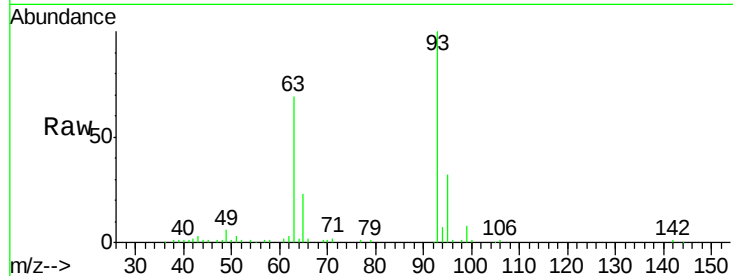




#11
bis(2-Chloroethyl)ether
Concen: 22.50 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

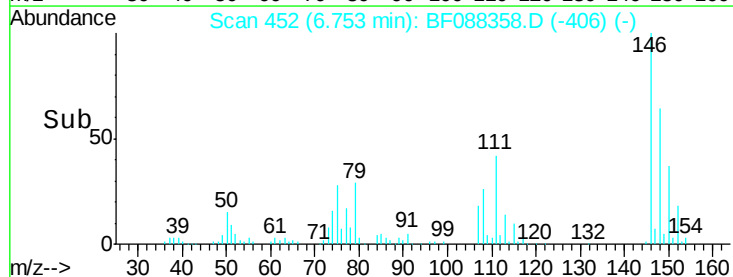
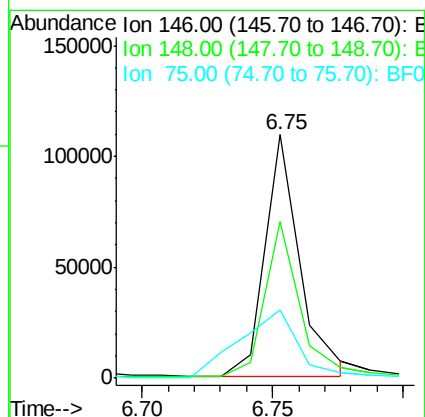
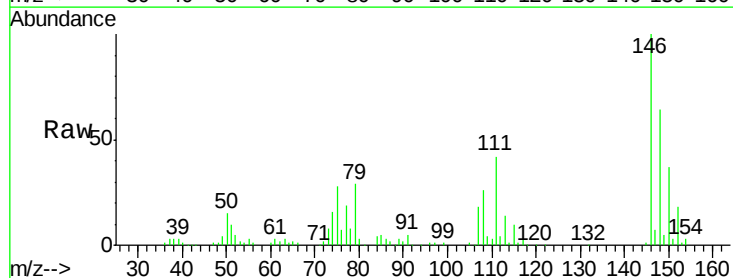
Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 93 Resp: 102341
Ion Ratio Lower Upper
93 100
63 69.5 67.6 107.6
95 31.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 18.58 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.23 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion: 146 Resp: 100992
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 27.9 25.6 38.4

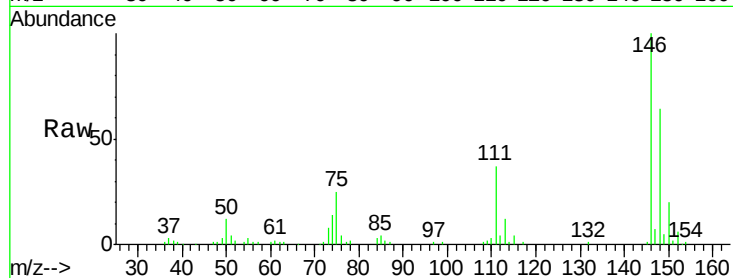




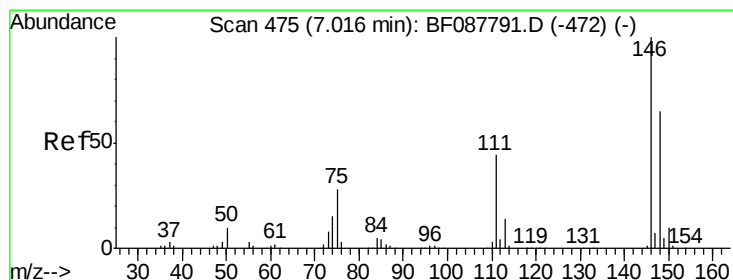
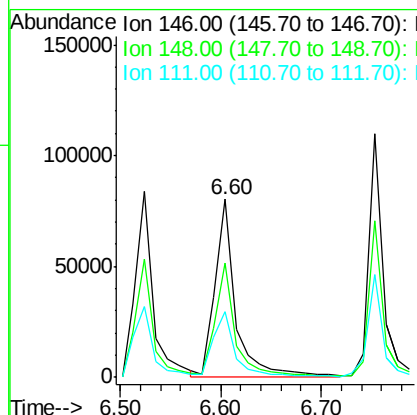
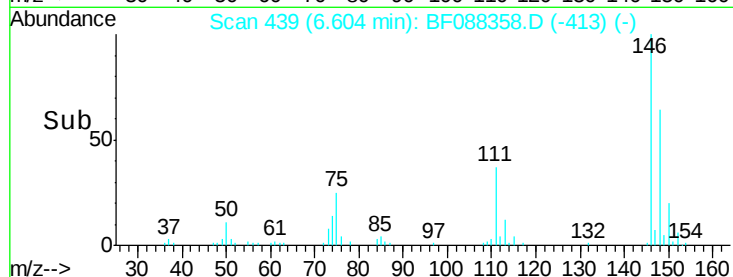
#13
 1,4-Dichlorobenzene
 Concen: 20.90 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleID :
 PB91593BS

Tgt Ion:146 Resp: 114423
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 111 37.2 33.8 50.8

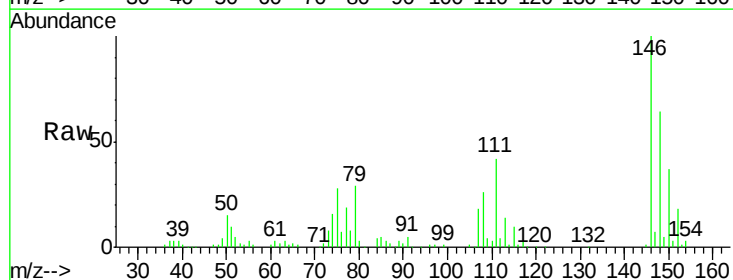


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

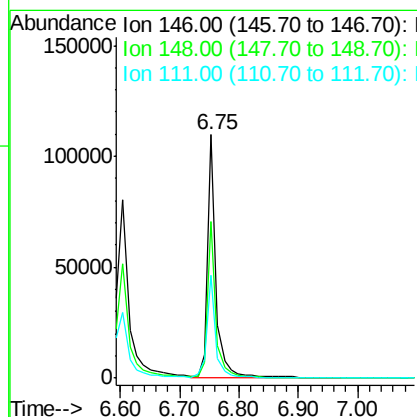
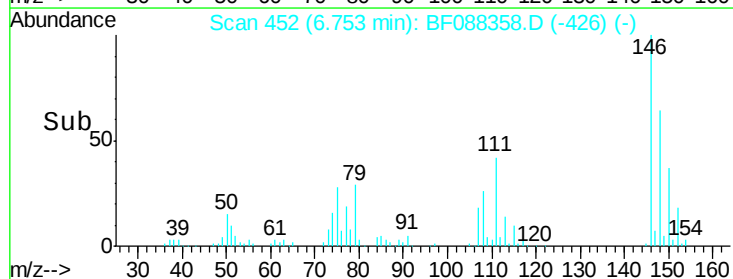


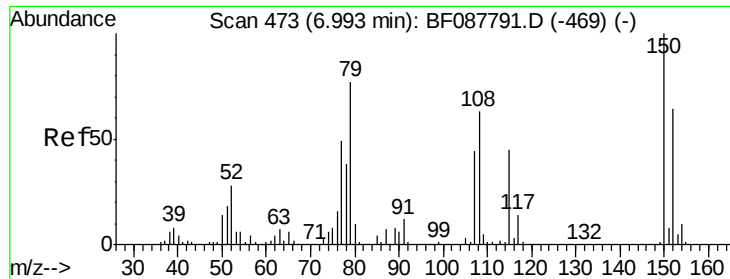
#14
 1,2-Dichlorobenzene
 Concen: 22.98 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:146 Resp: 114440
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 42.0 28.7 43.1



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

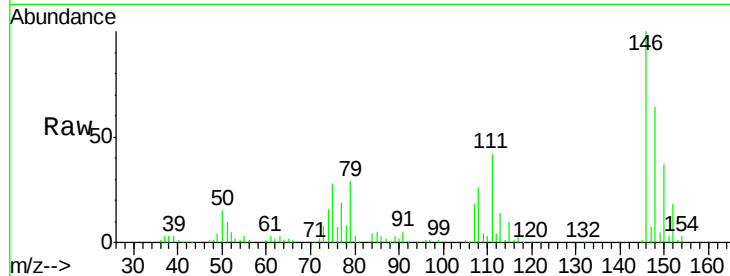




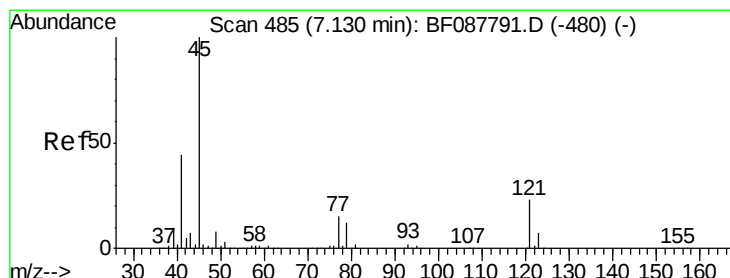
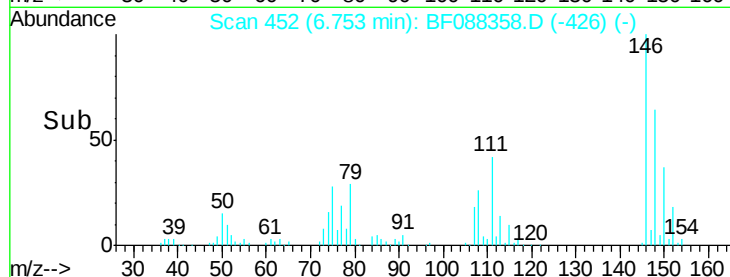
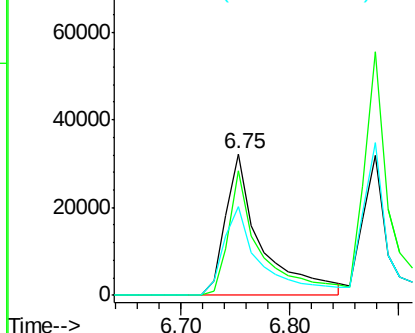
#15
Benzyl Alcohol
Concen: 18.02 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 79 Resp: 73124
Ion Ratio Lower Upper
79 100
108 87.6 65.0 97.6
77 63.1 50.3 75.5

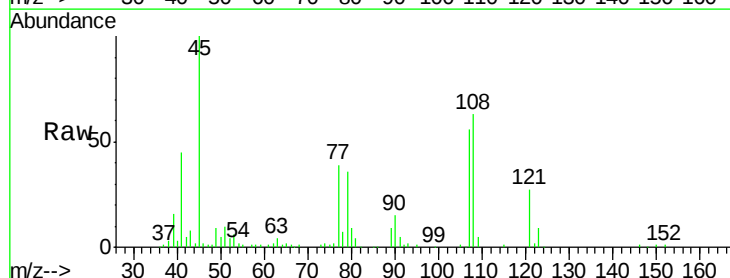


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

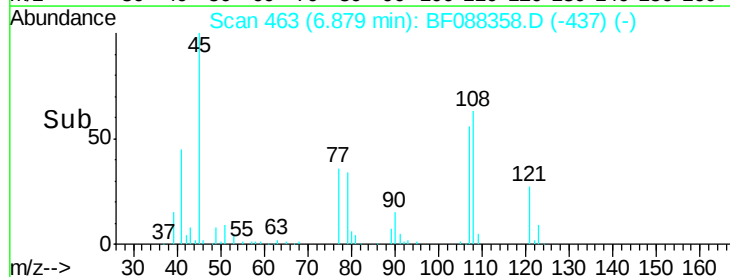
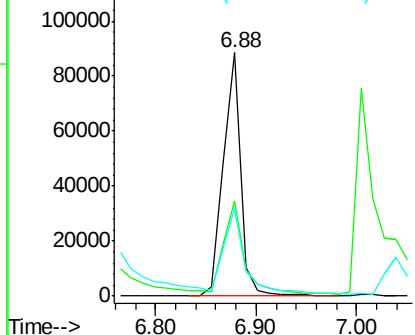


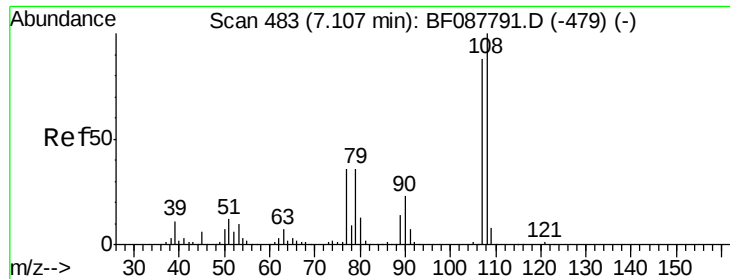
#16
2,2'-oxybis(1-Chloropropane)
Concen: 17.44 ng
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion: 45 Resp: 107144
Ion Ratio Lower Upper
45 100
77 39.2 0.0 32.5#
79 35.9 0.0 29.5#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 17.91 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion:107 Resp: 73587

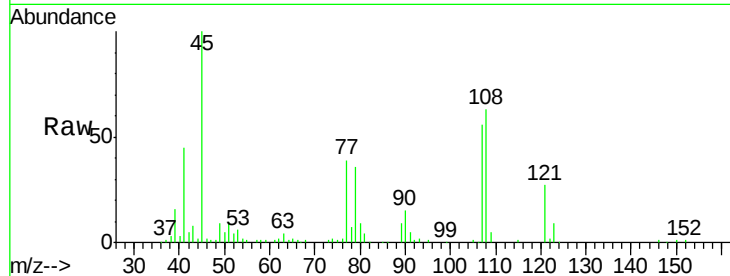
Ion Ratio Lower Upper

107 100

108 112.1 90.9 136.3

77 70.1 36.6 55.0#

79 64.3 36.5 54.7#



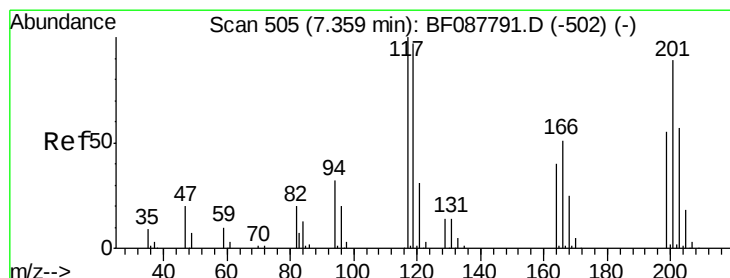
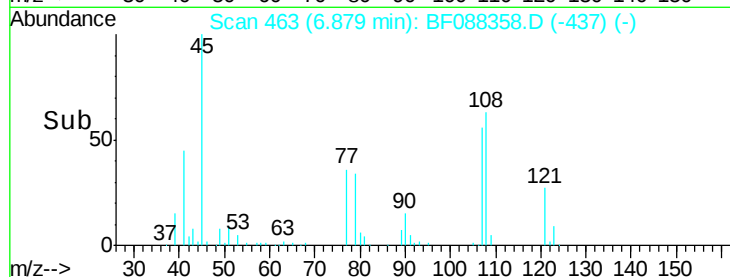
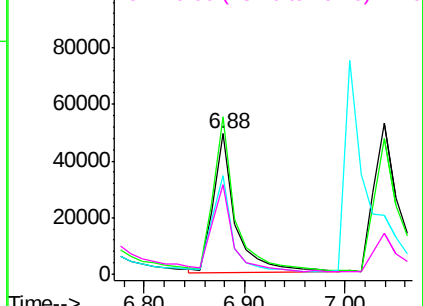
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 17.78 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

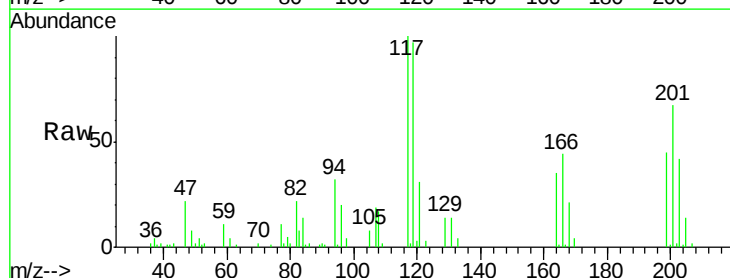
Tgt Ion:117 Resp: 34545

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.2

201 66.9 80.4 120.6#

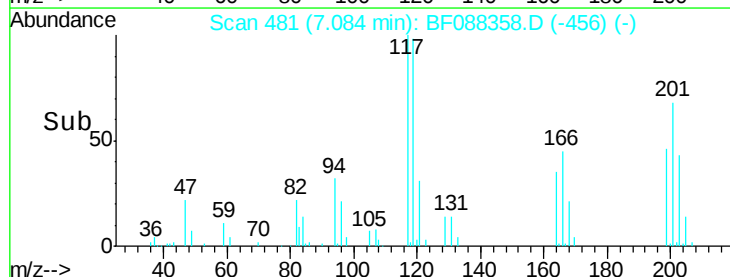
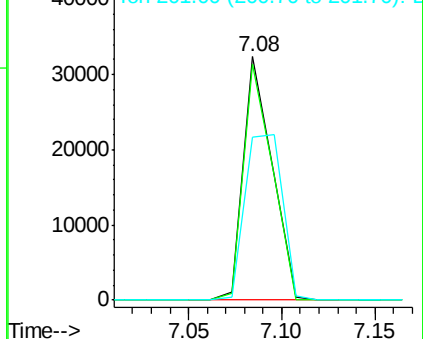


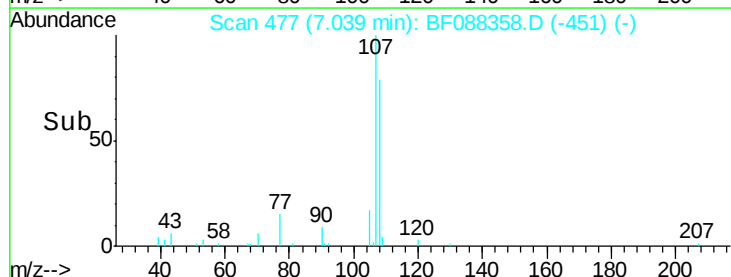
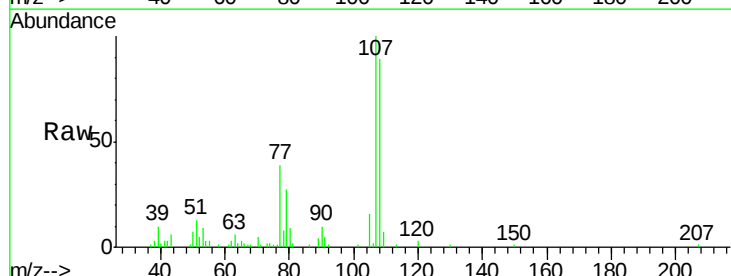
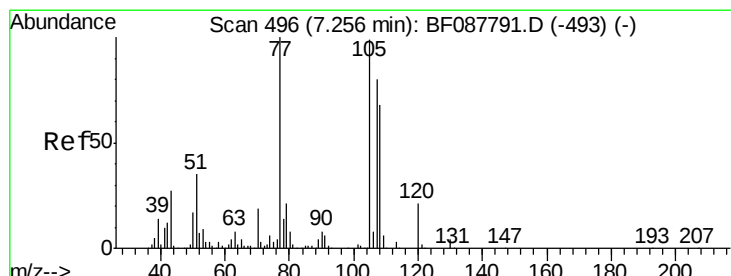
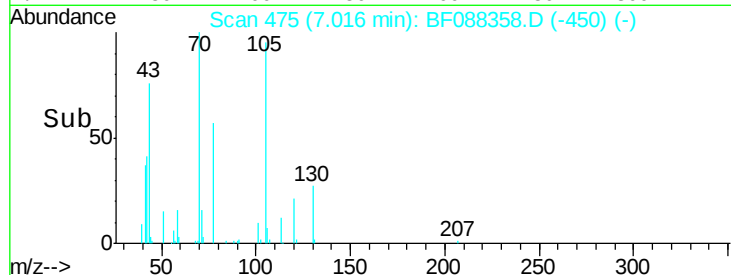
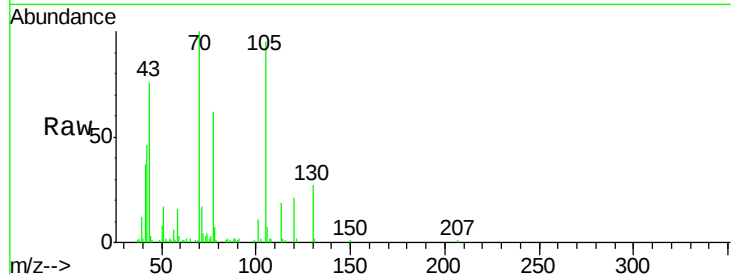
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

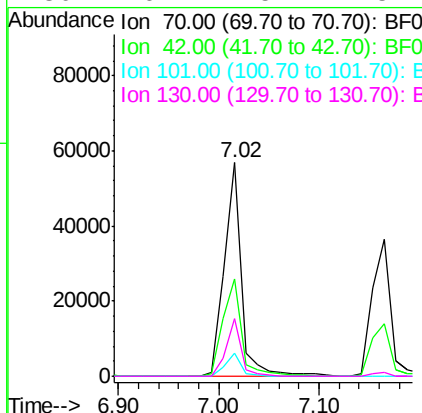




#19
n-Nitroso-di-n-propylamine
Concen: 20.31 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

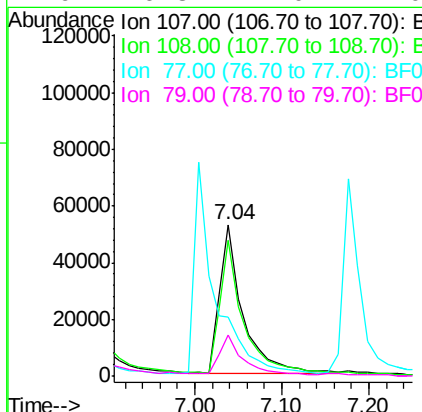
Instrument :
BNA_F
ClientSampleId :
PB91593BS

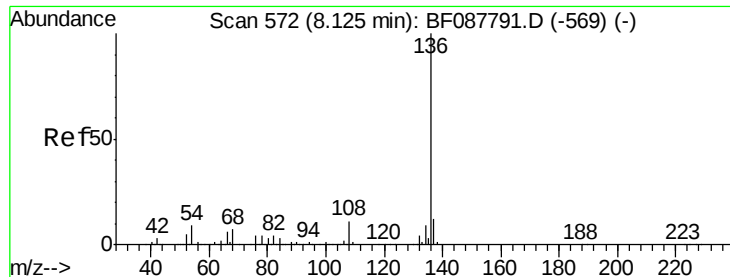
Tgt Ion: 70 Resp: 67397
Ion Ratio Lower Upper
70 100
42 45.5 49.6 74.4#
101 10.8 7.1 10.7#
130 26.7 15.4 23.2#



#20
3+4-Methylphenols
Concen: 20.46 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion: 107 Resp: 98091
Ion Ratio Lower Upper
107 100
108 89.4 67.8 107.8
77 38.6 59.3 99.3#
79 26.8 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion:136 Resp: 283476

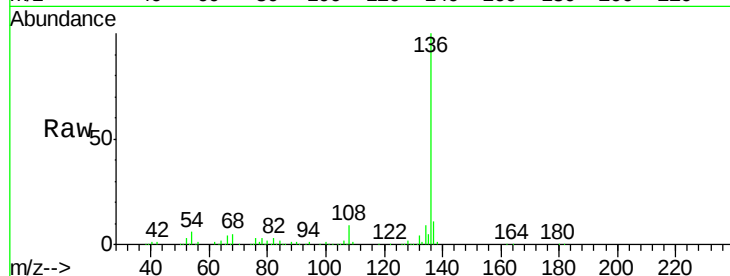
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.6 6.6 10.0#

68 4.8 5.1 7.7#

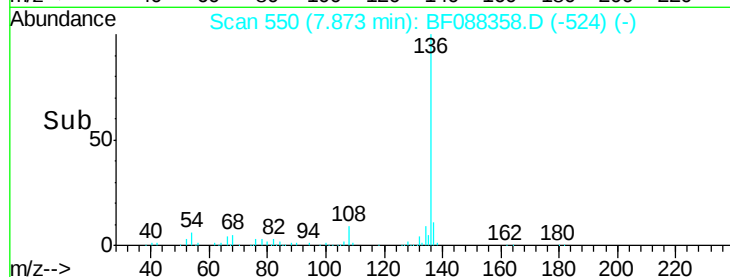


Abundance Ion 136.00 (135.70 to 136.70): E

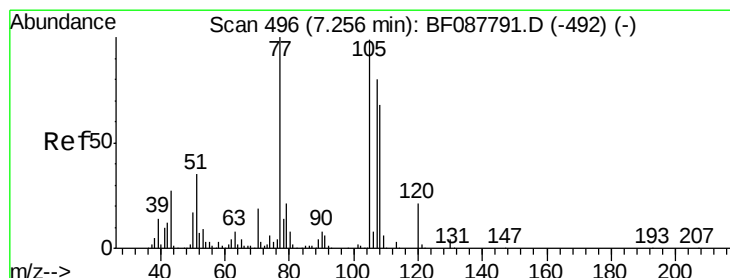
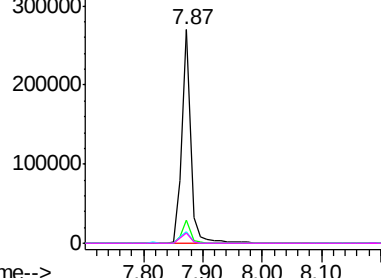
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 22.94 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Tgt Ion:105 Resp: 145315

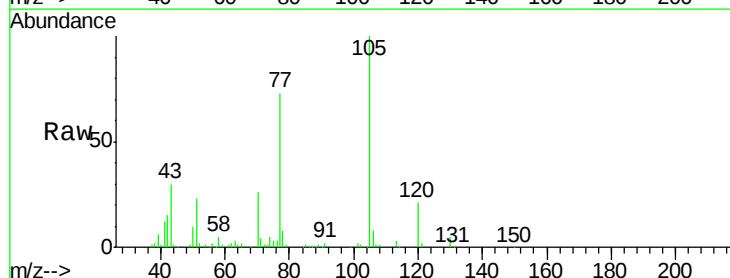
Ion Ratio Lower Upper

105 100

71 4.4 5.3 7.9#

51 23.0 18.2 27.4

120 21.0 18.0 27.0

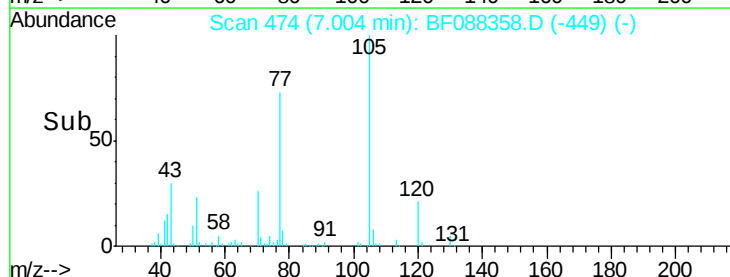


Abundance Ion 105.00 (104.70 to 105.70): E

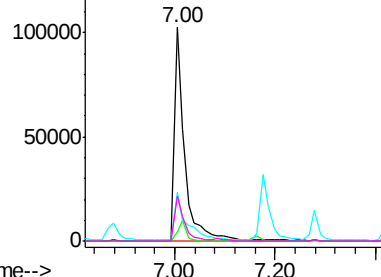
Ion 71.00 (70.70 to 71.70): BF0

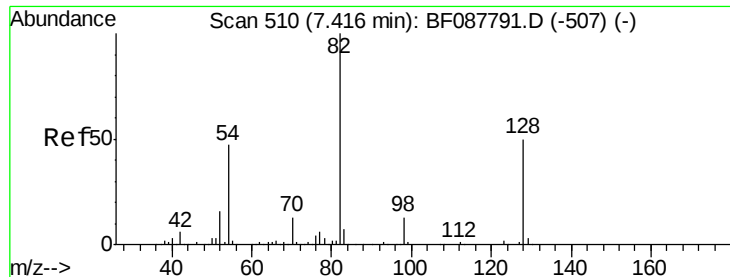
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

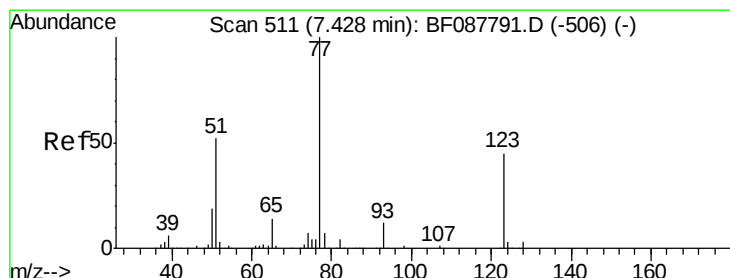
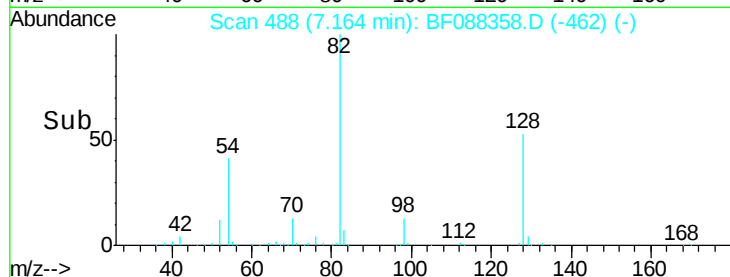
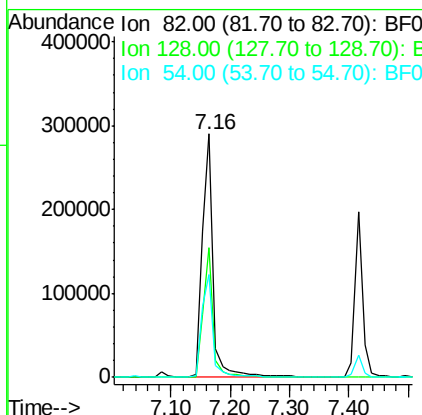
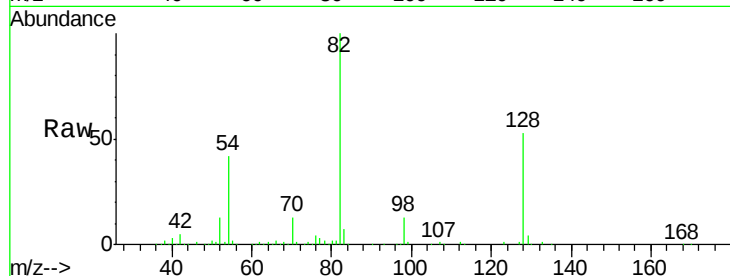




#23
 Nitrobenzene-d5
 Concen: 78.30 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

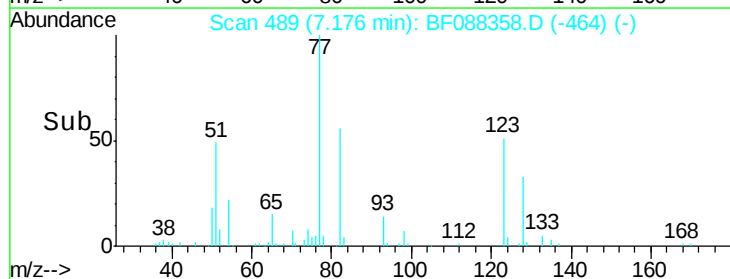
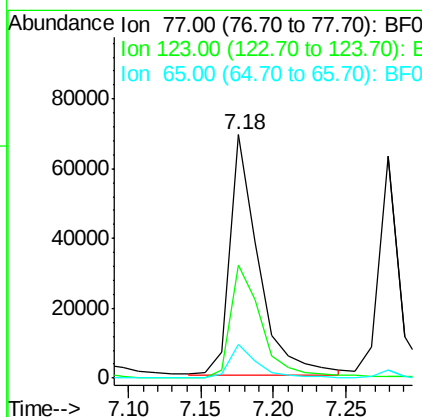
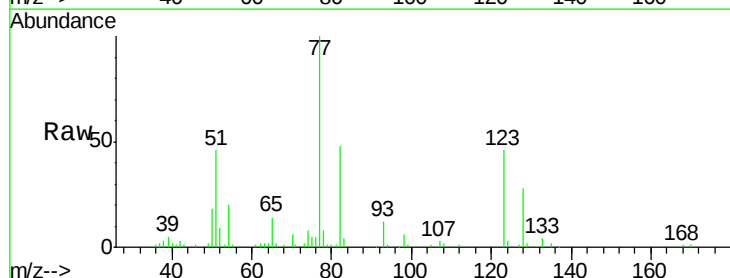
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion: 82 Resp: 380120
 Ion Ratio Lower Upper
 82 100
 128 53.1 35.9 53.9
 54 42.0 40.9 61.3



#24
 Nitrobenzene
 Concen: 20.21 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion: 77 Resp: 95017
 Ion Ratio Lower Upper
 77 100
 123 46.5 45.0 67.4
 65 13.7 10.2 15.2





#25

Isophorone

Concen: 19.88 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

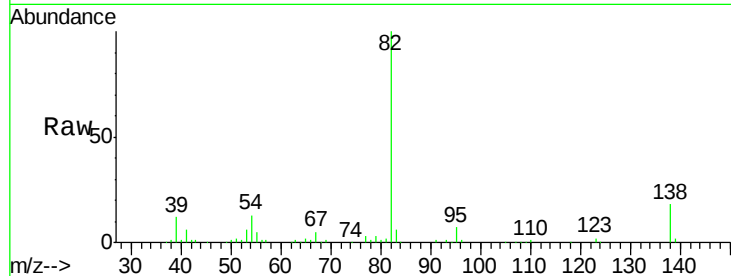
Tgt Ion: 82 Resp: 178717

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

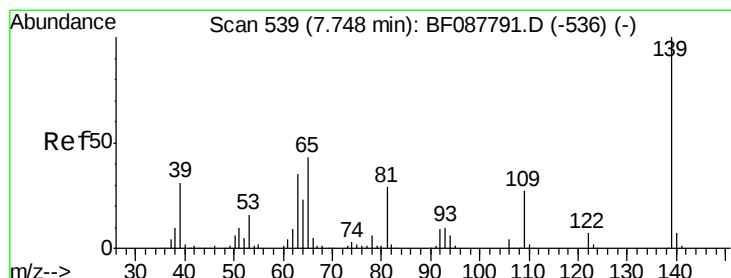
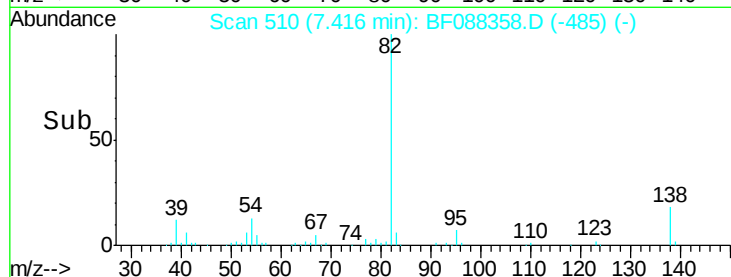
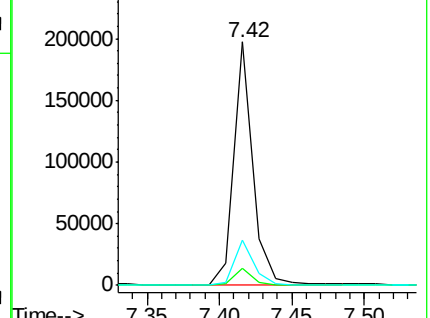
138 18.4 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 21.31 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

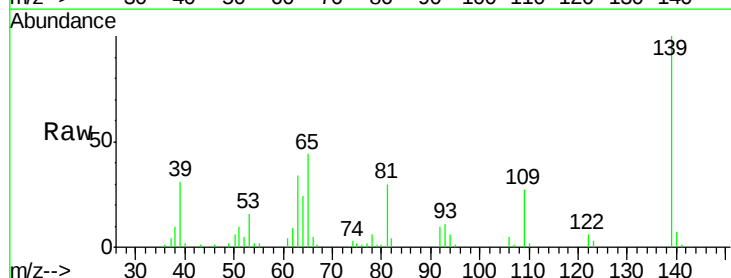
Tgt Ion: 139 Resp: 53685

Ion Ratio Lower Upper

139 100

109 27.4 23.0 34.4

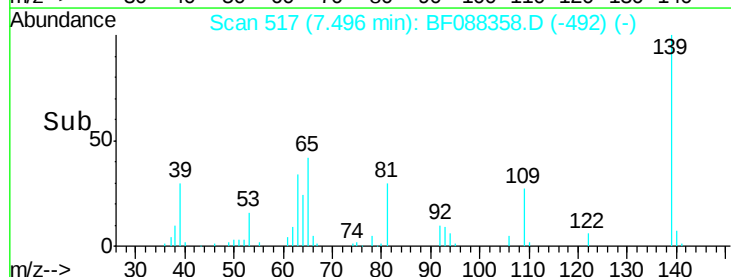
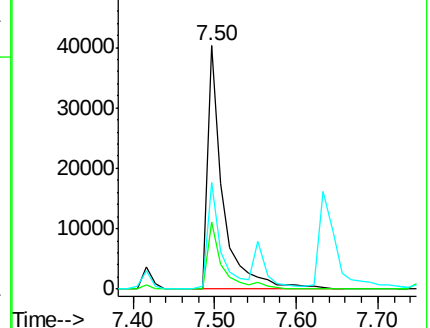
65 43.8 45.8 68.8#

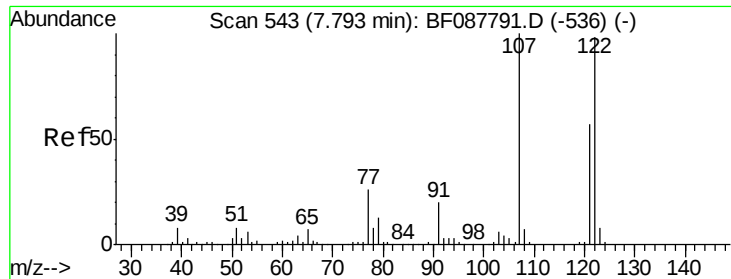


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

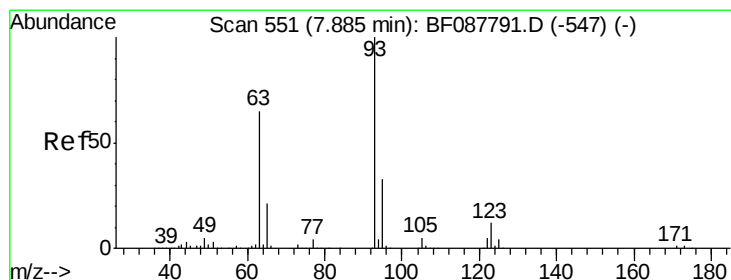
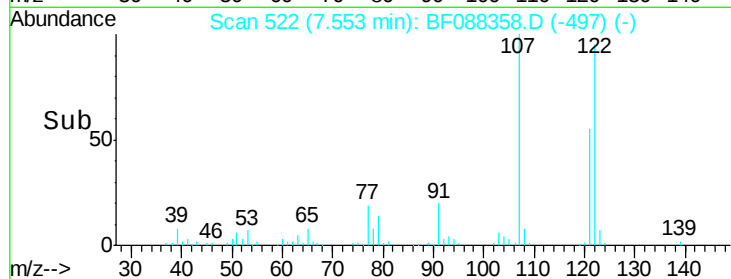
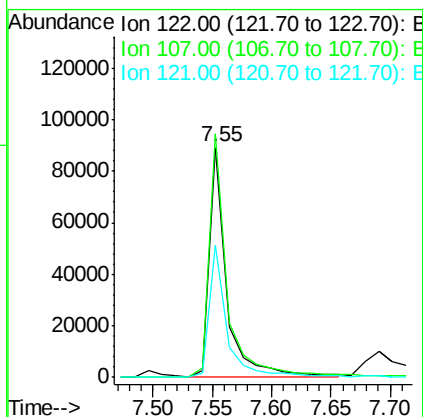
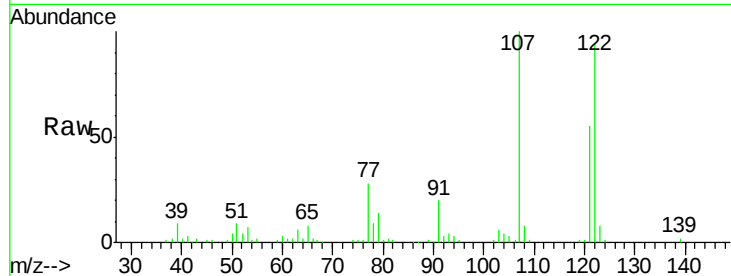




#27
2,4-Dimethylphenol
Concen: 19.89 ng
RT: 7.55 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

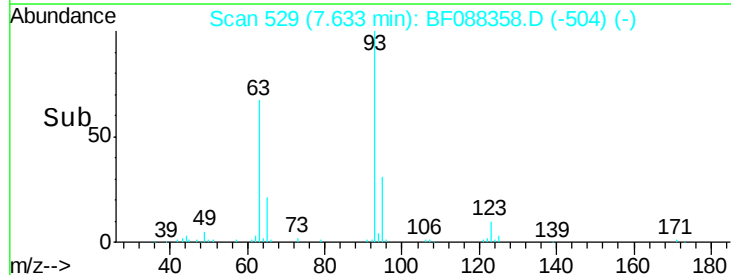
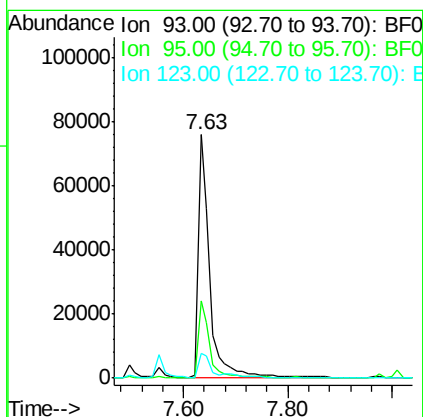
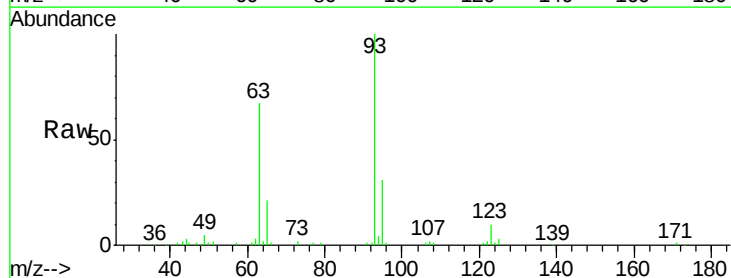
Instrument :
BNA_F
ClientSampleId :
PB91593BS

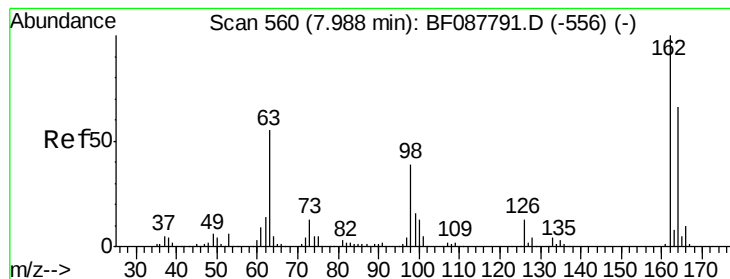
Tgt Ion: 122 Resp: 92245
Ion Ratio Lower Upper
122 100
107 105.9 82.4 123.6
121 57.7 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 21.13 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion: 93 Resp: 117816
Ion Ratio Lower Upper
93 100
95 31.5 26.5 39.7
123 10.2 11.6 17.4#





#29

2,4-Dichlorophenol

Concen: 22.46 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

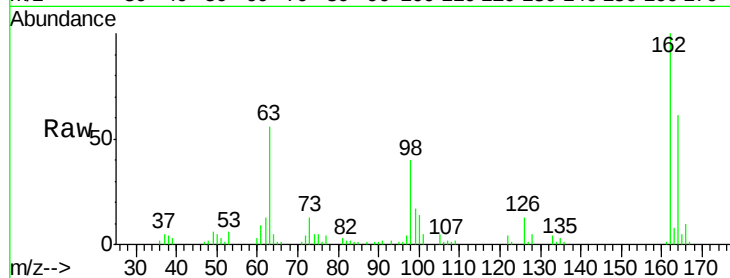
Tgt Ion:162 Resp: 86957

Ion Ratio Lower Upper

162 100

164 61.4 43.8 83.8

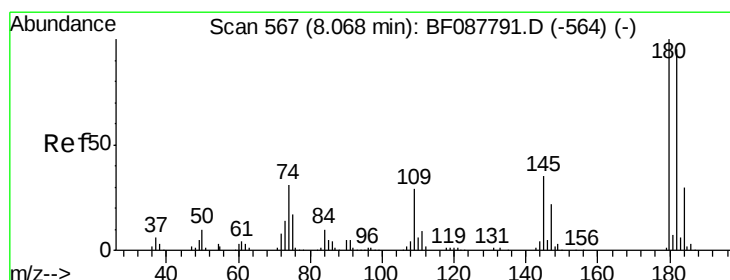
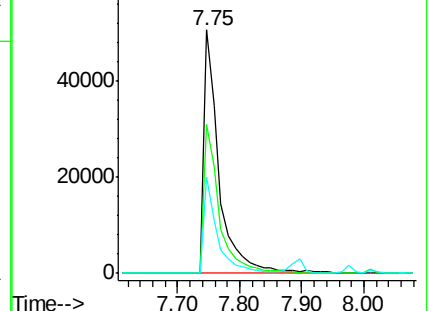
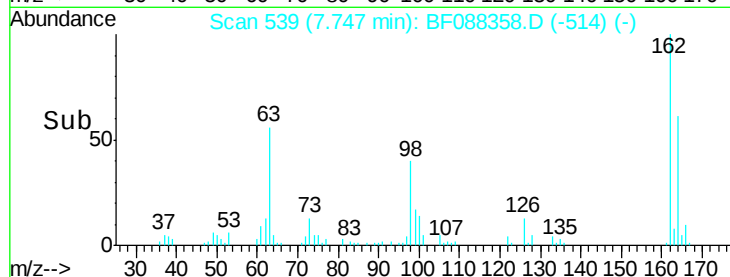
98 39.6 21.3 61.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 21.39 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

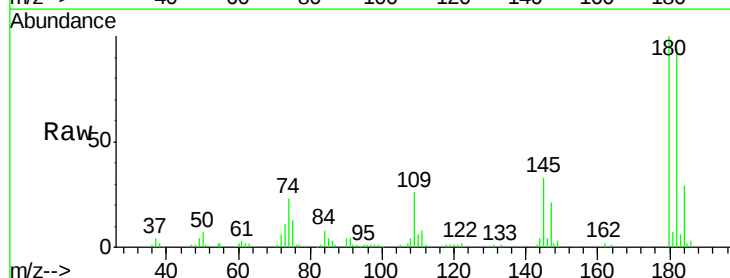
Tgt Ion:180 Resp: 90212

Ion Ratio Lower Upper

180 100

182 93.7 76.0 114.0

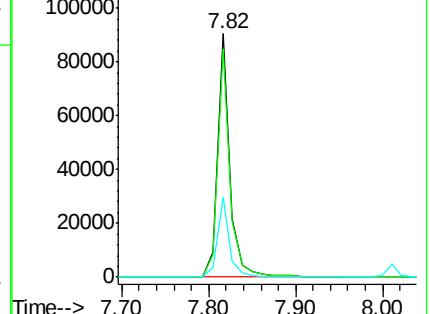
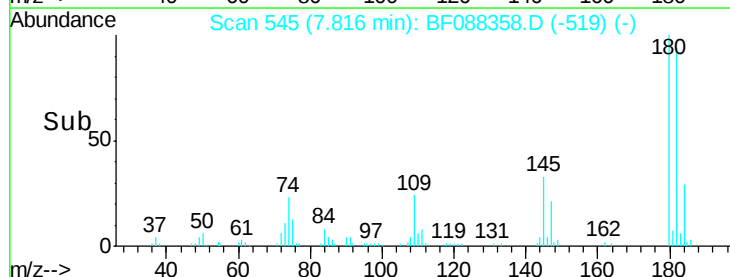
145 32.9 26.5 39.7

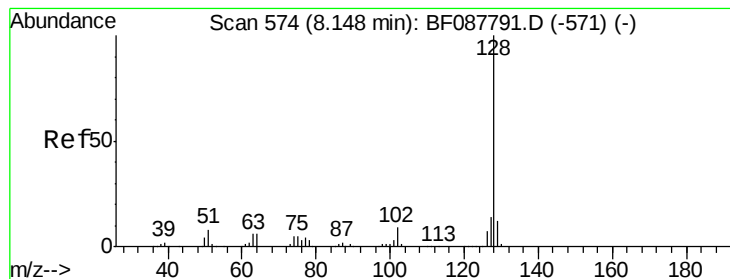


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 21.58 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

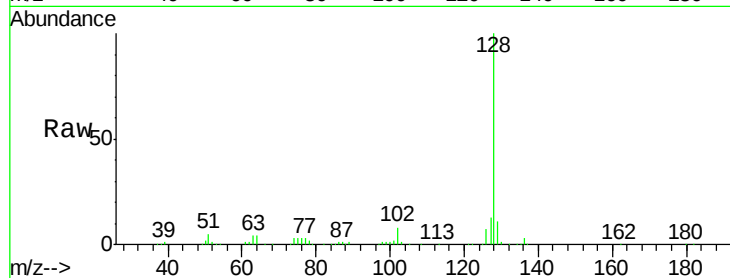
Tgt Ion:128 Resp: 302695

Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.2

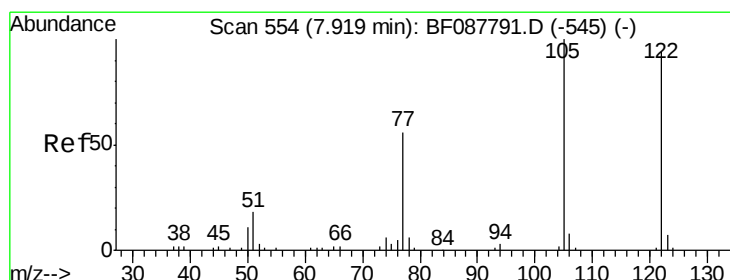
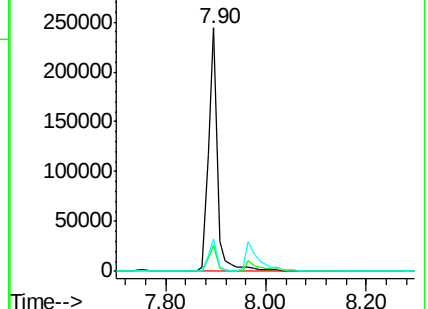
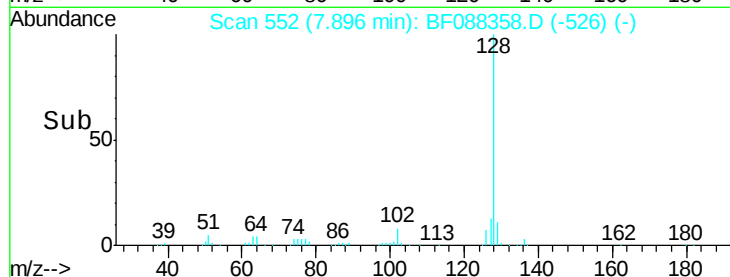
127 13.1 10.9 16.3



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: 10.94 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.05 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

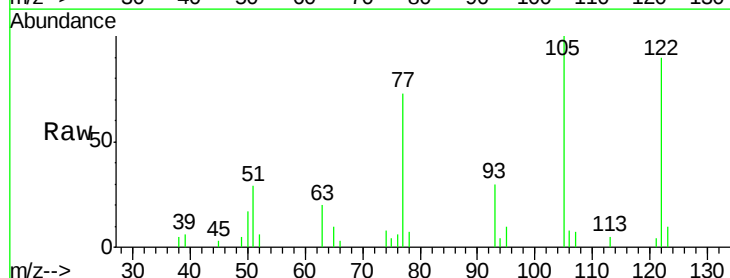
Tgt Ion:122 Resp: 27933

Ion Ratio Lower Upper

122 100

105 110.6 101.6 141.6

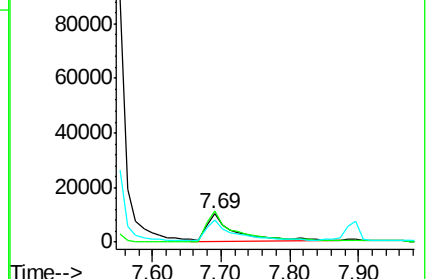
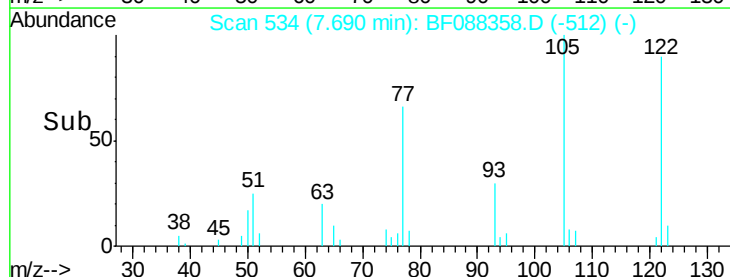
77 80.2 70.6 110.6

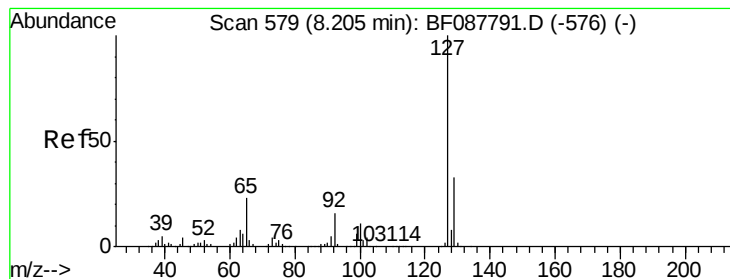


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.28 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

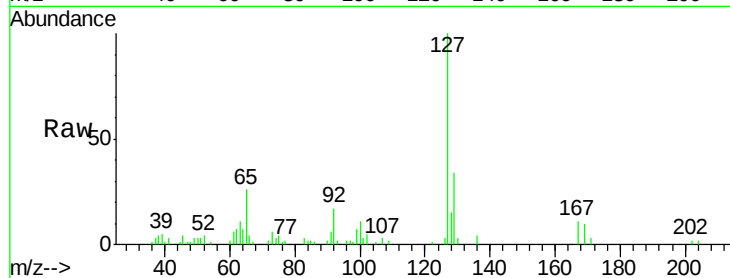
Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion:	127	Resp:	58156
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.3	39.5
65	25.7	24.7	37.1
92	16.7	15.4	23.0

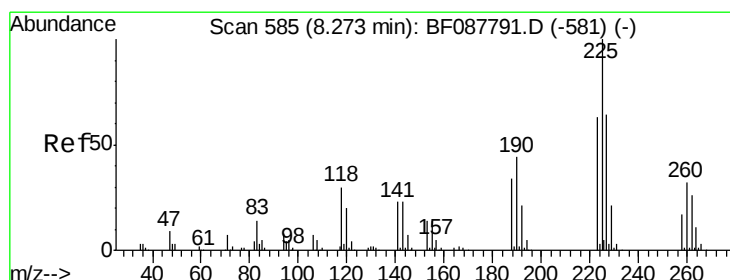
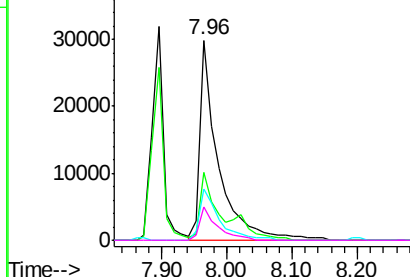
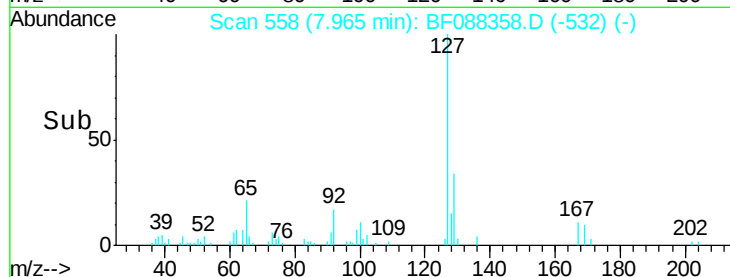


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 21.55 ng

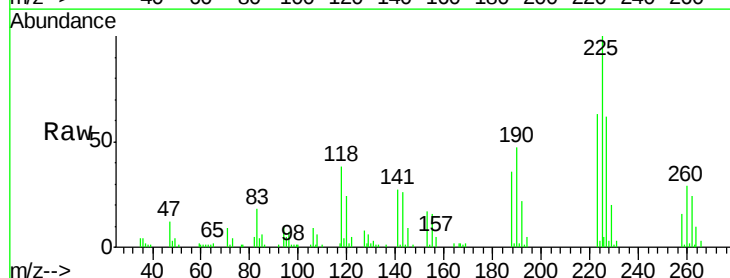
RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

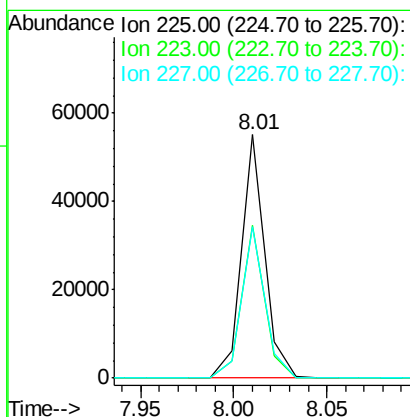
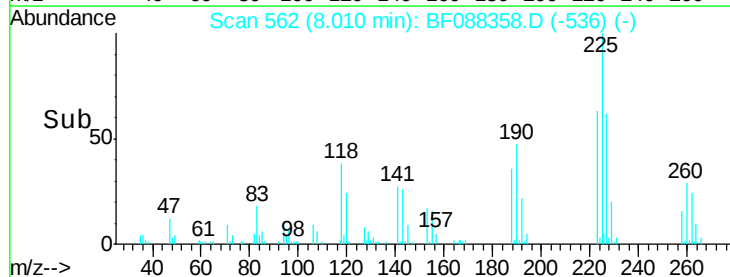
Tgt Ion:	225	Resp:	47918
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	62.2	51.9	77.9

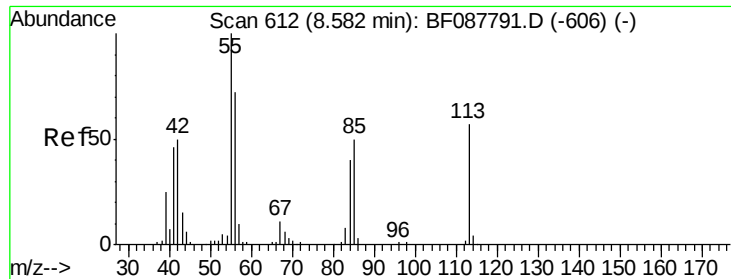


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

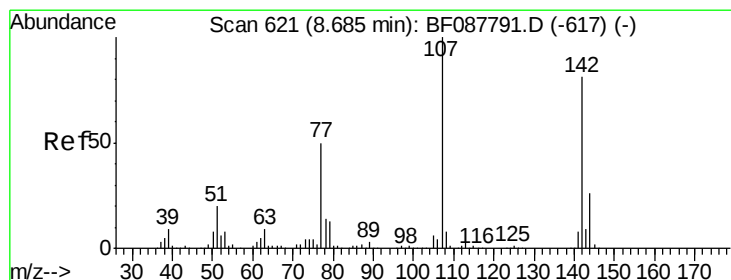
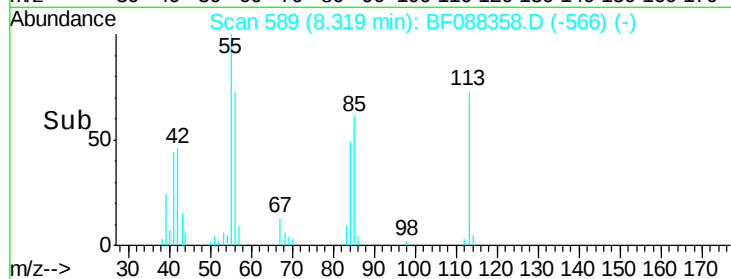
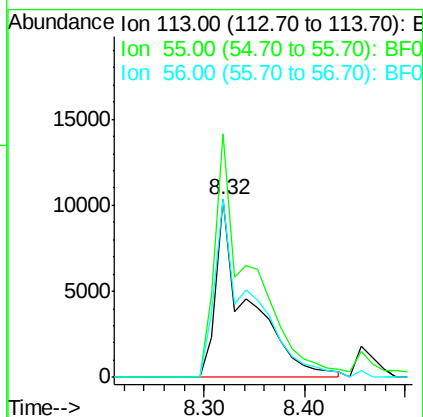
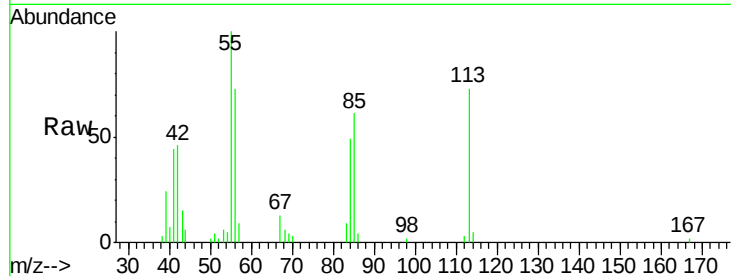




#35
 Caprolactam
 Concen: 17.98 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

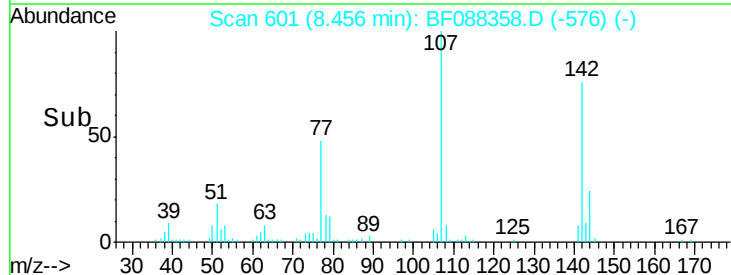
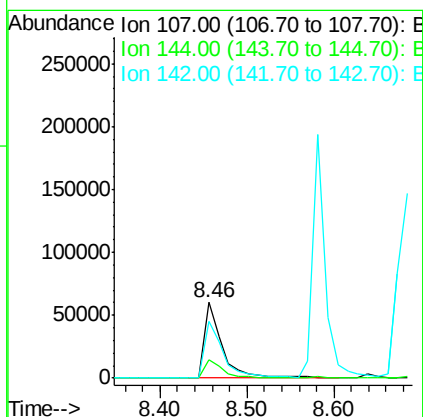
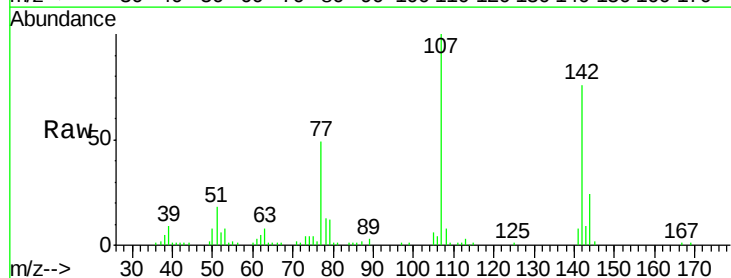
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

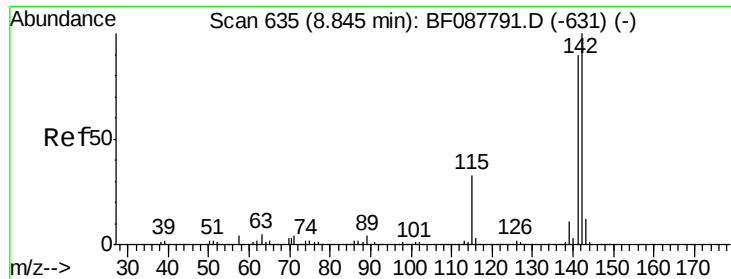
Tgt Ion:113 Resp: 23068
 Ion Ratio Lower Upper
 113 100
 55 136.8 158.6 198.6#
 56 100.3 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 20.77 ng
 RT: 8.46 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:107 Resp: 86028
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 75.6 63.4 95.2

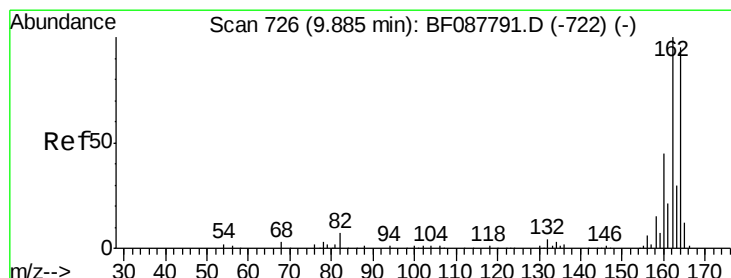
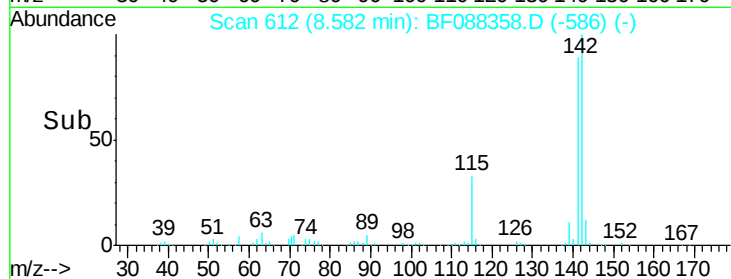
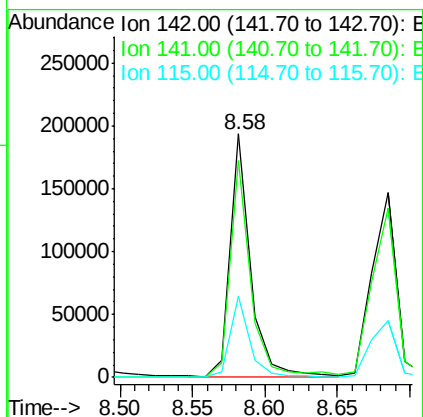
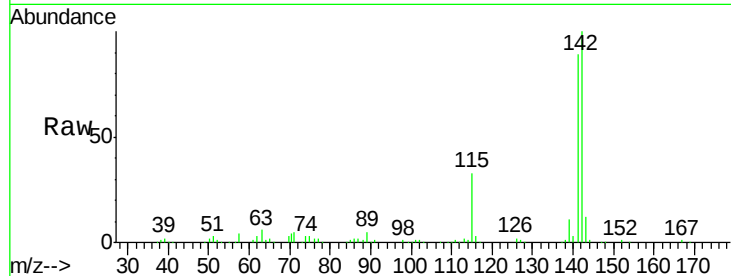




#37
 2-Methylnaphthalene
 Concen: 20.60 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

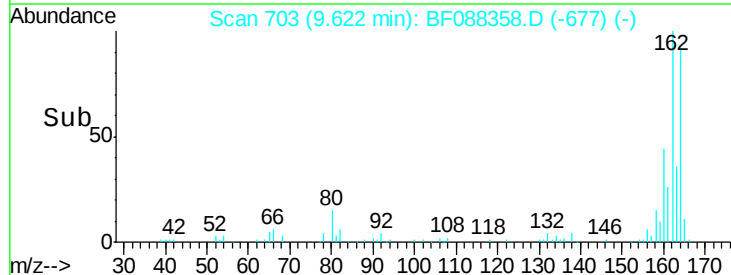
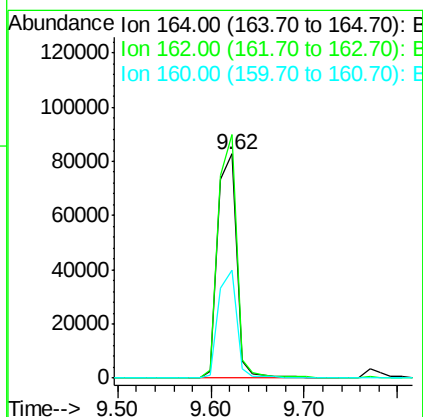
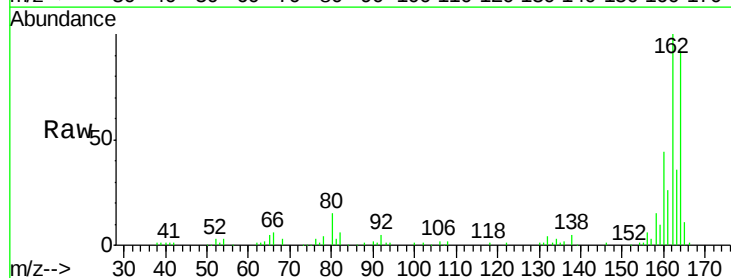
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:142 Resp: 190476
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 33.1 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:164 Resp: 116856
 Ion Ratio Lower Upper
 164 100
 162 108.6 85.4 128.2
 160 48.3 39.5 59.3

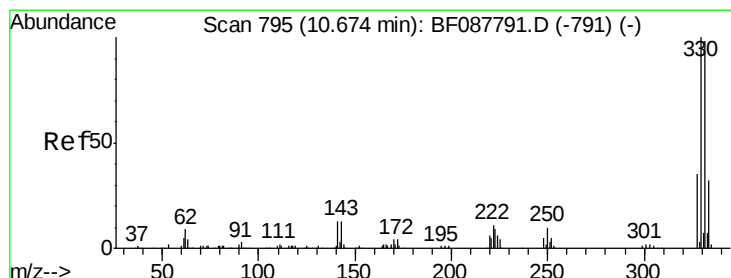
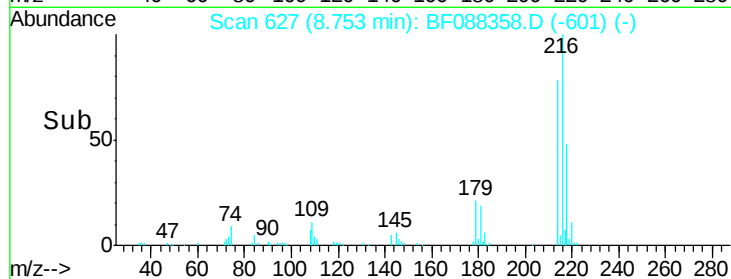
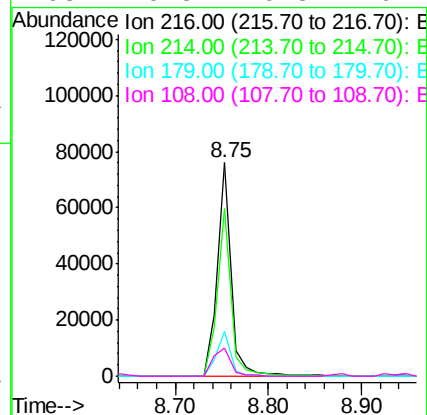
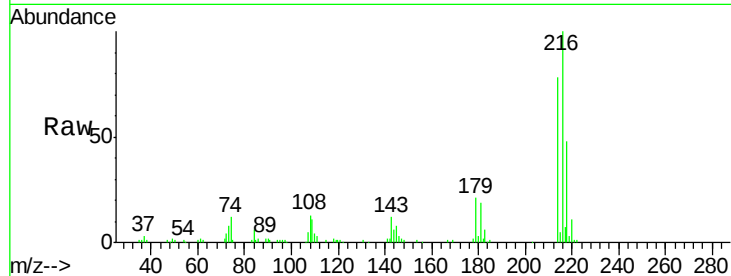




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.10 ng
 RT: 8.75 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

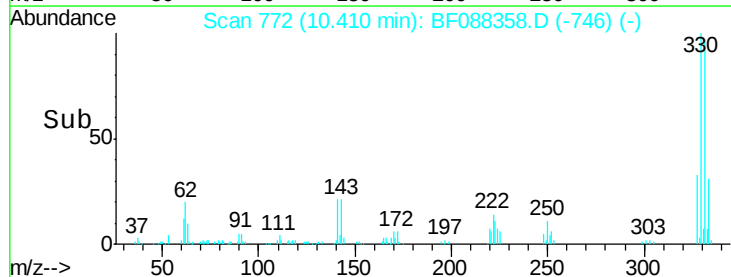
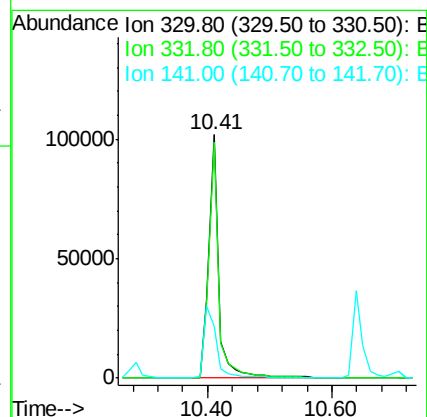
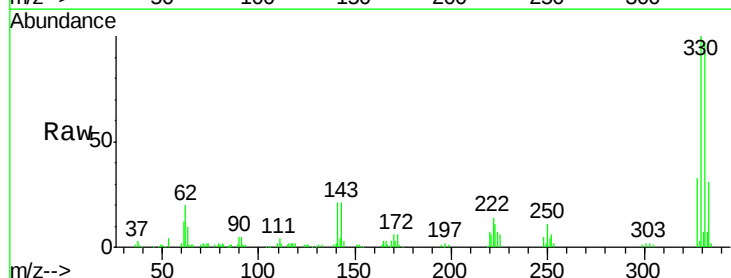
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:216 Resp: 79452
 Ion Ratio Lower Upper
 216 100
 214 78.0 2.9 4.3#
 179 21.2 0.0 0.0#
 108 16.8 0.5 0.7#



#41
 2,4,6-Tribromophenol
 Concen: 95.18 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:330 Resp: 117443
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 36.9 0.0 0.0#

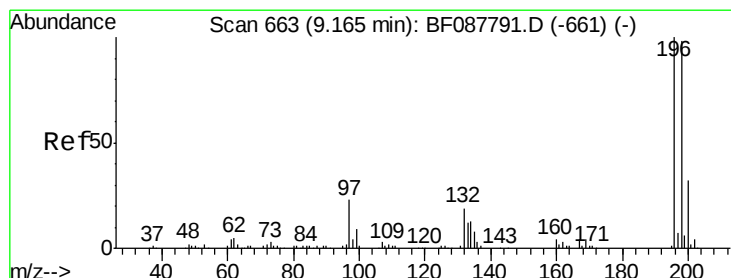
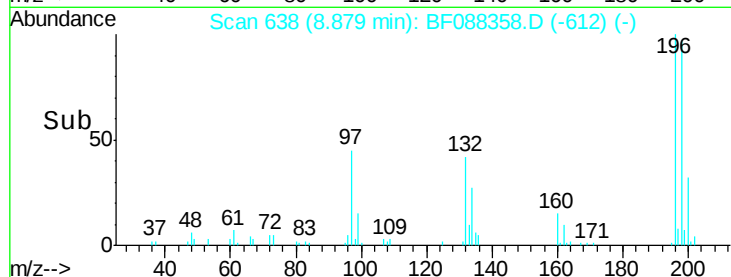
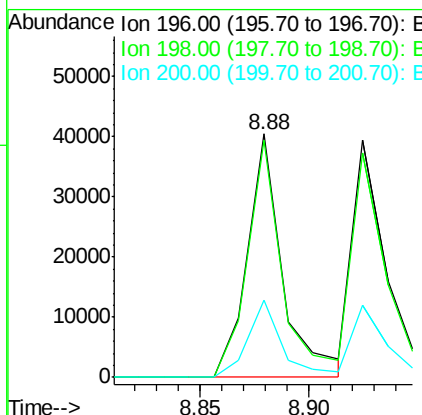
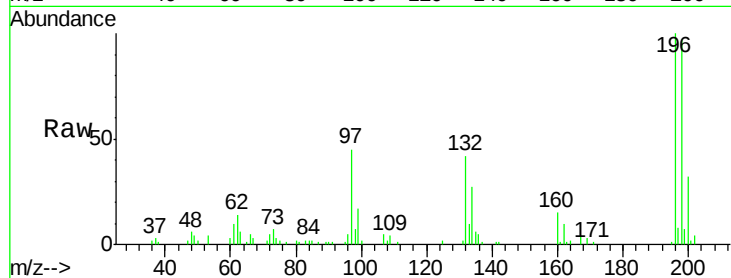




#42
 2,4,6-Trichlorophenol
 Concen: 19.63 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

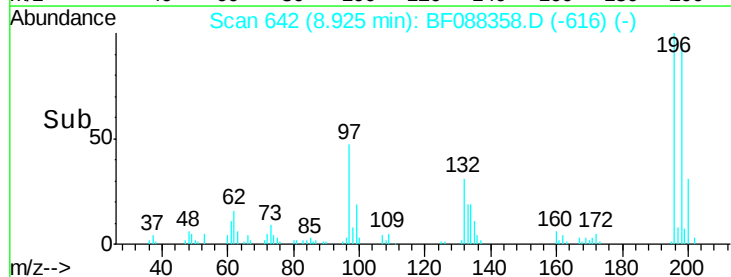
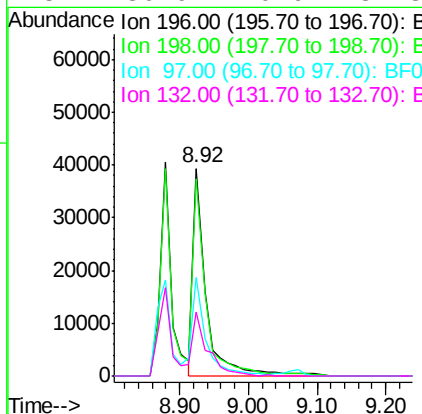
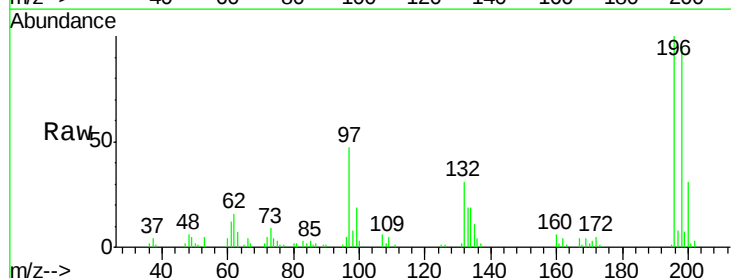
Instrument :
 BNA_F
 ClientSampled :
 PB91593BS

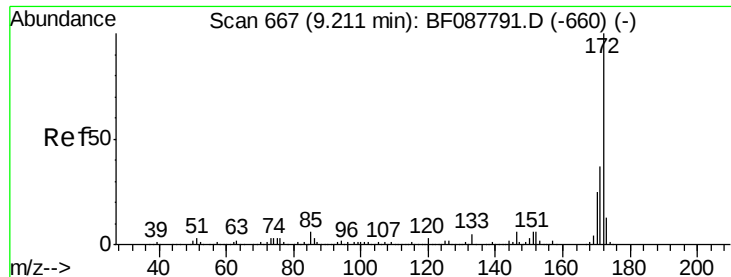
Tgt Ion:196 Resp: 45878
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 31.7 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 21.22 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:196 Resp: 51584
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.5 116.3
 97 47.4 32.0 48.0
 132 30.9 20.9 31.3

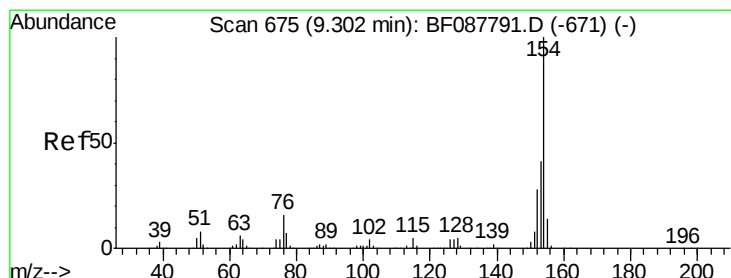
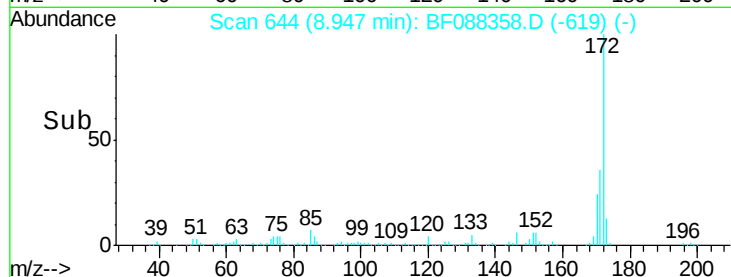
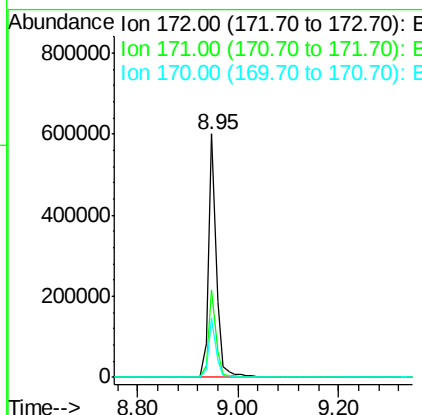
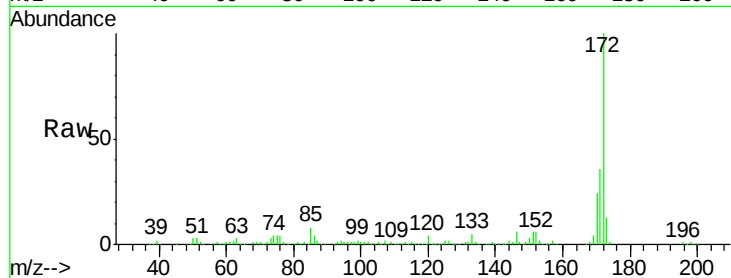




#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

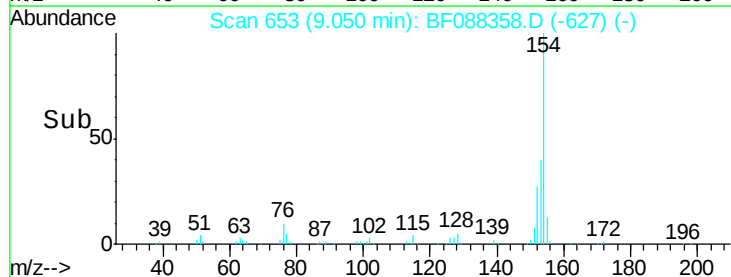
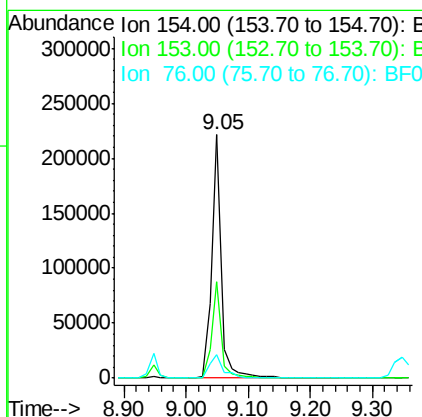
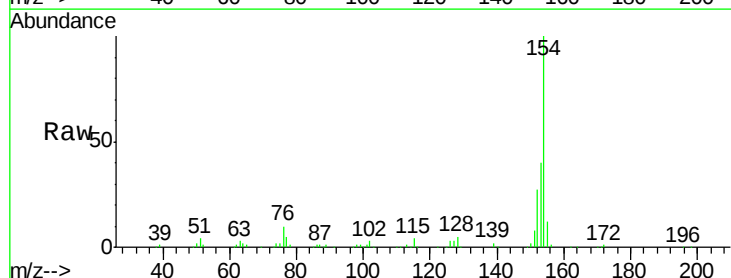
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

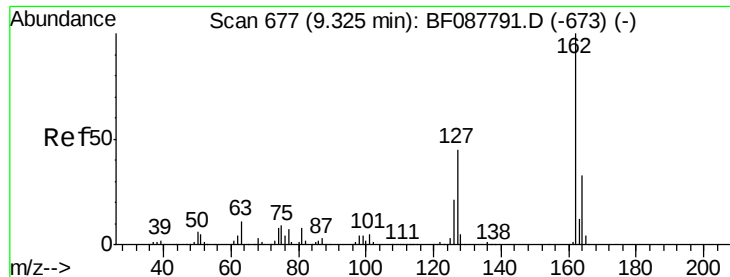
Tgt Ion:172 Resp: 650547
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 24.2 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 24.14 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:154 Resp: 236996
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.6 60.6
 76 9.5 0.0 35.1

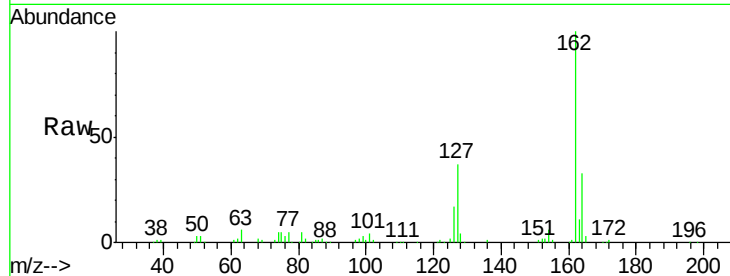




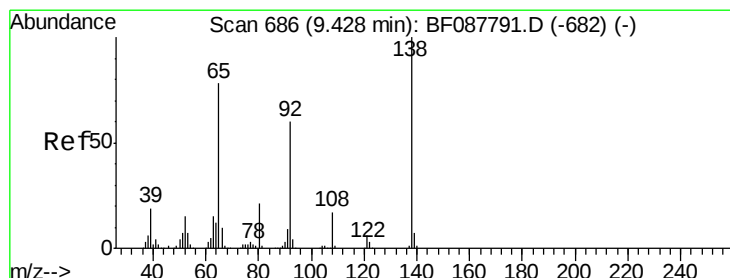
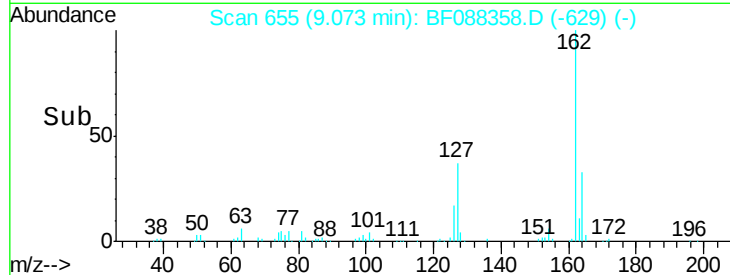
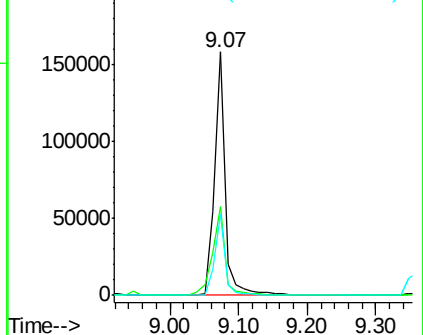
#46
 2-Chloronaphthalene
 Concen: 23.16 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion: 162 Resp: 175124
 Ion Ratio Lower Upper
 162 100
 127 36.6 35.2 52.8
 164 33.0 26.6 39.8

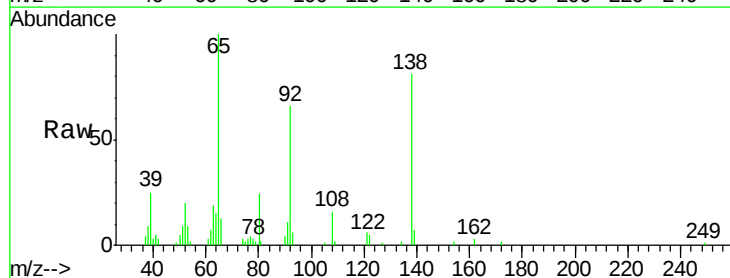


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

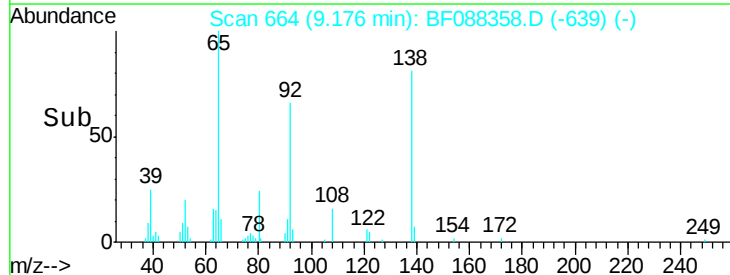
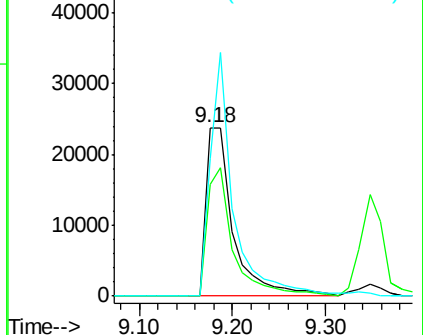


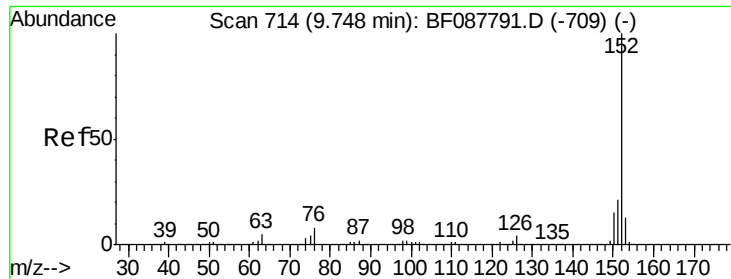
#47
 2-Nitroaniline
 Concen: 21.70 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion: 65 Resp: 48403
 Ion Ratio Lower Upper
 65 100
 92 66.1 54.6 82.0
 138 81.4 77.0 115.4



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





#48

Acenaphthylene

Concen: 21.33 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

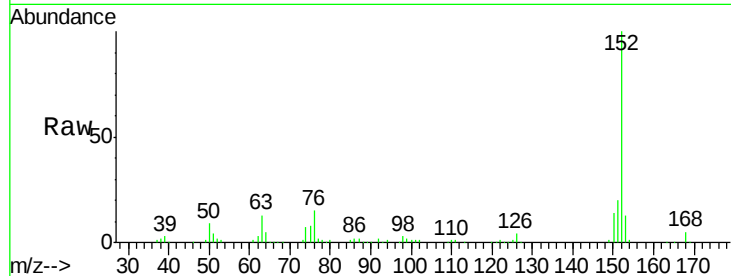
Tgt Ion:152 Resp: 256615

Ion Ratio Lower Upper

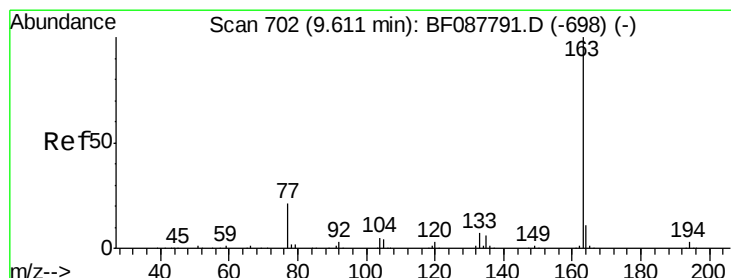
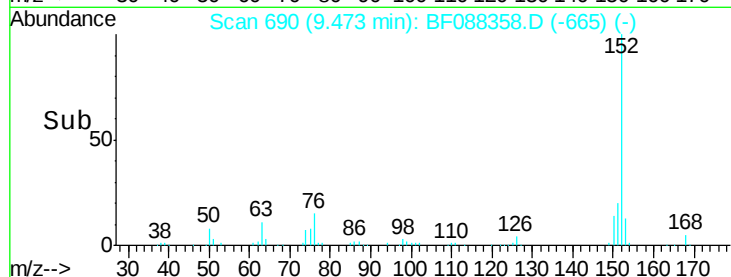
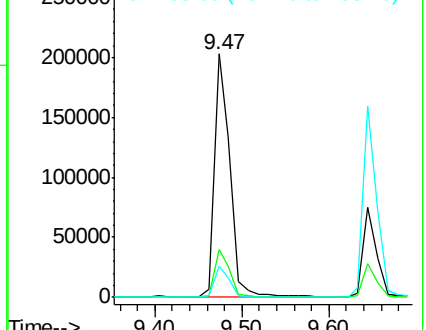
152 100

151 19.7 16.2 24.4

153 13.0 11.0 16.6



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



#49

Dimethylphthalate

Concen: 23.81 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

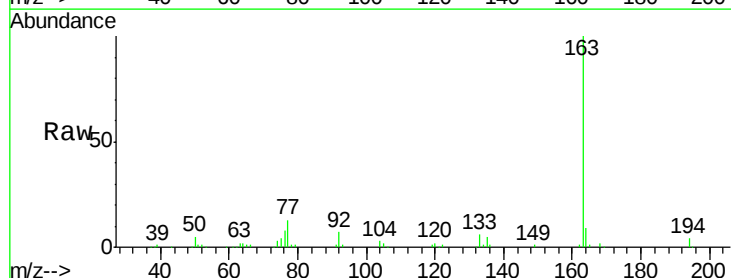
Tgt Ion:163 Resp: 201526

Ion Ratio Lower Upper

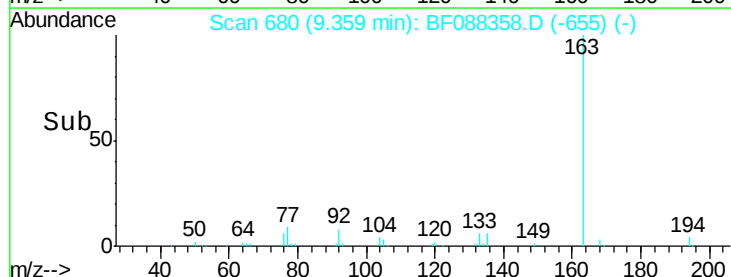
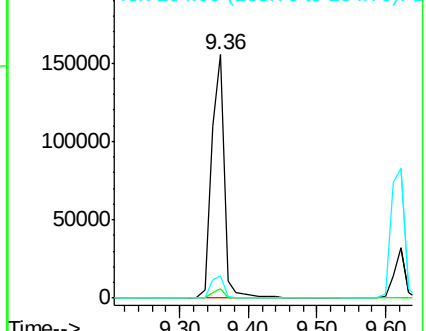
163 100

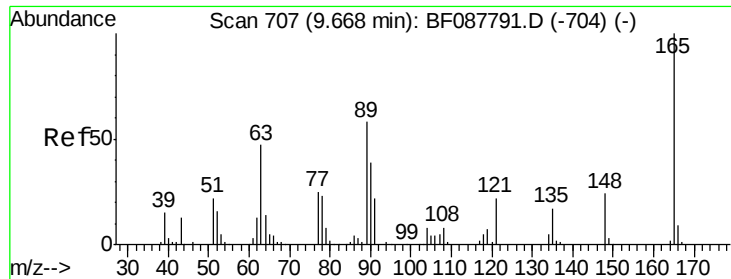
194 3.6 2.8 4.2

164 9.3 8.3 12.5



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

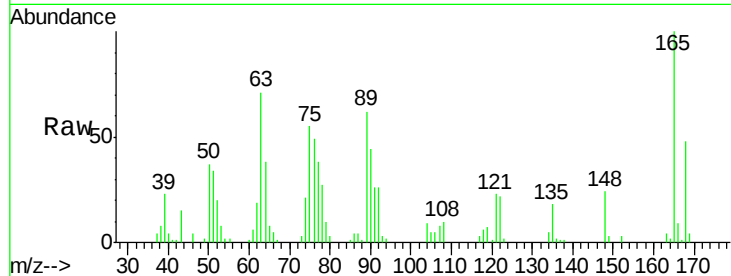




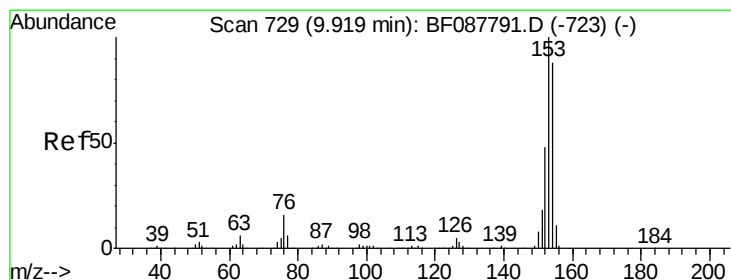
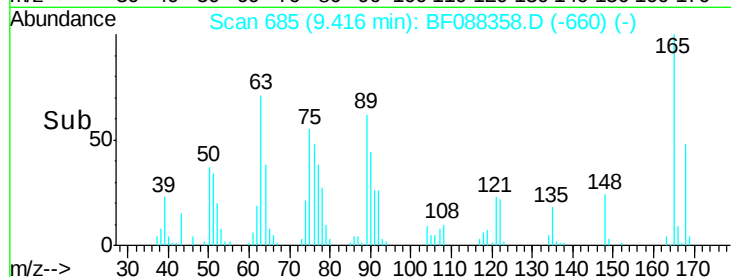
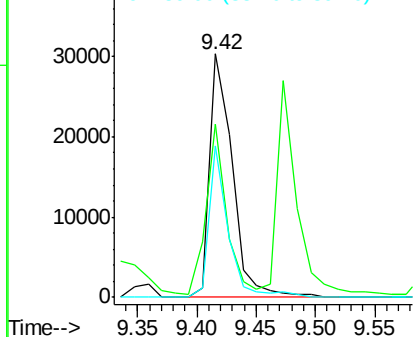
#50
 2,6-Dinitrotoluene
 Concen: 20.81 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:165 Resp: 40350
 Ion Ratio Lower Upper
 165 100
 63 71.0 28.1 42.1#
 89 62.1 32.2 48.2#

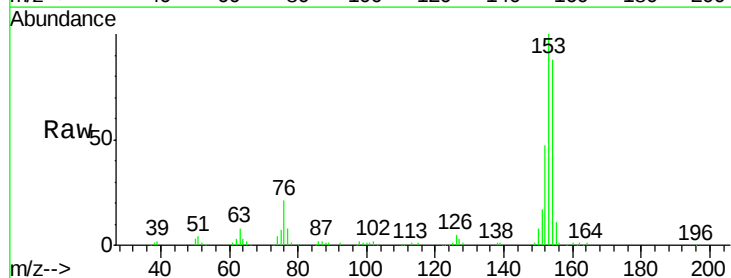


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

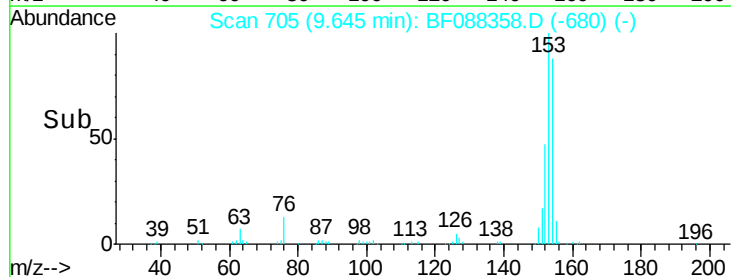
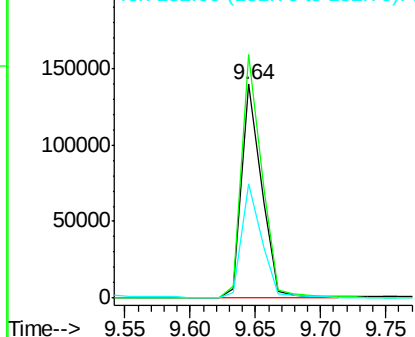


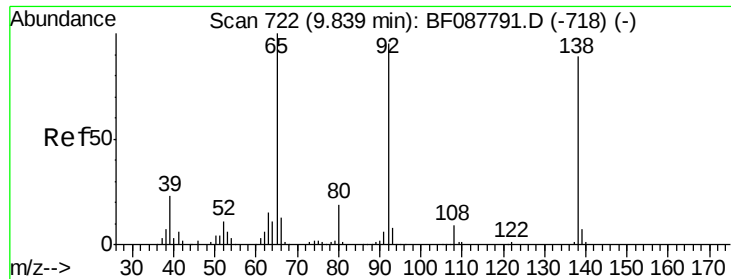
#51
 Acenaphthene
 Concen: 19.97 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:154 Resp: 149852
 Ion Ratio Lower Upper
 154 100
 153 114.0 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: 15.29 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

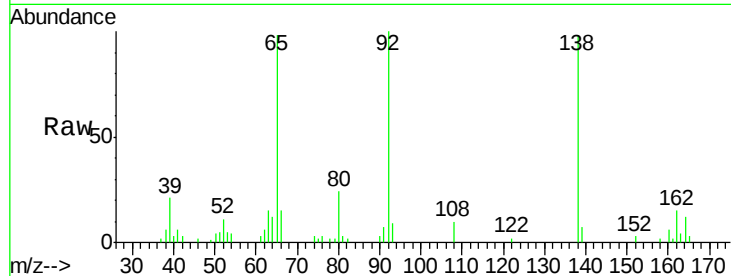
Tgt Ion:138 Resp: 34209

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

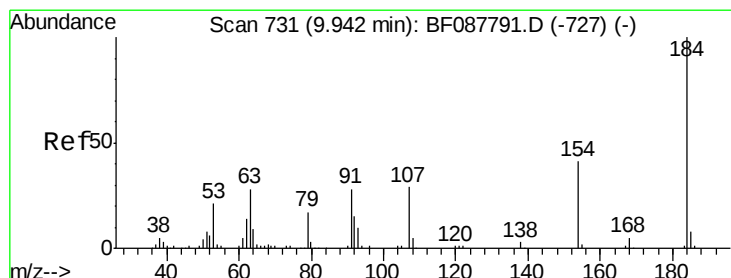
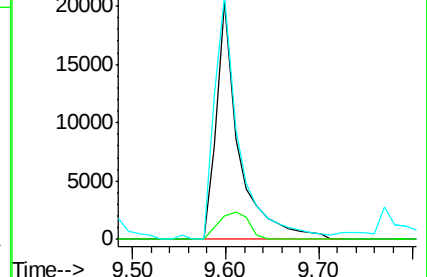
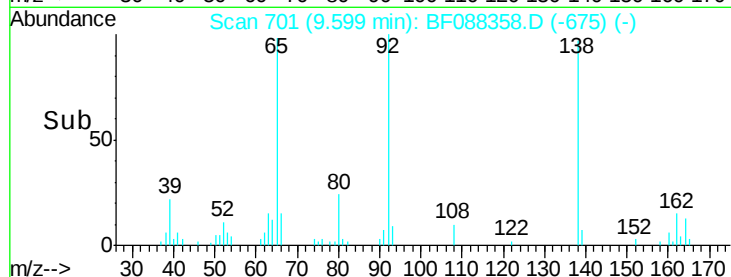
92 102.4 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 6.84 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

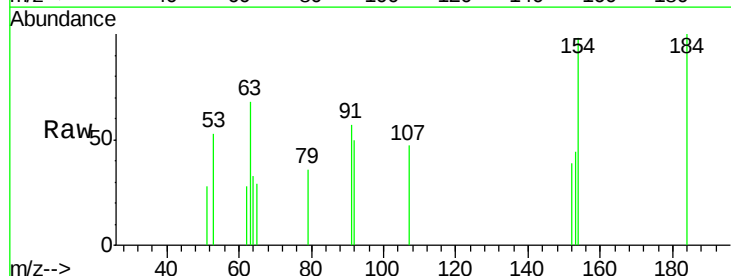
Tgt Ion:184 Resp: 3291

Ion Ratio Lower Upper

184 100

63 68.1 57.6 86.4

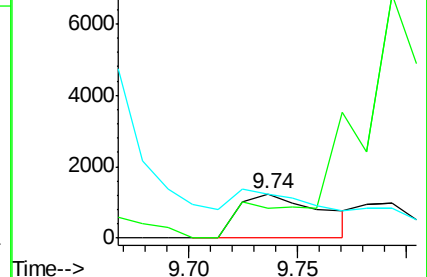
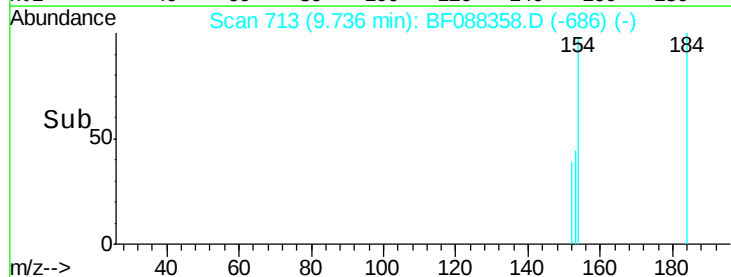
154 98.4 53.5 80.3#

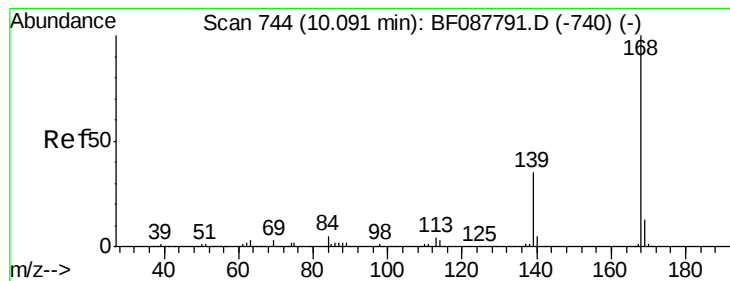


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 21.78 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

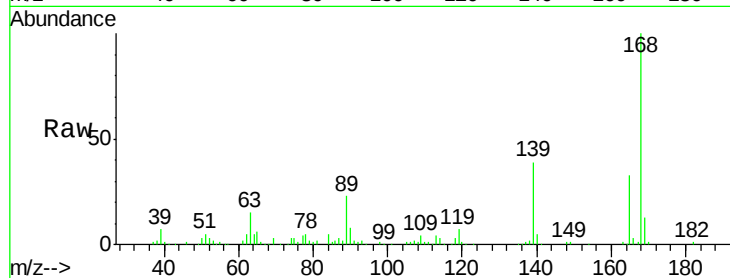
Tgt Ion:168 Resp: 225071

Ion Ratio Lower Upper

168 100

139 39.1 26.4 39.6

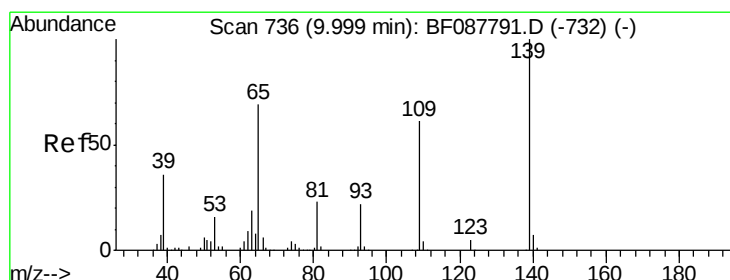
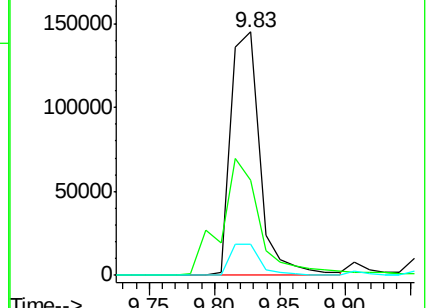
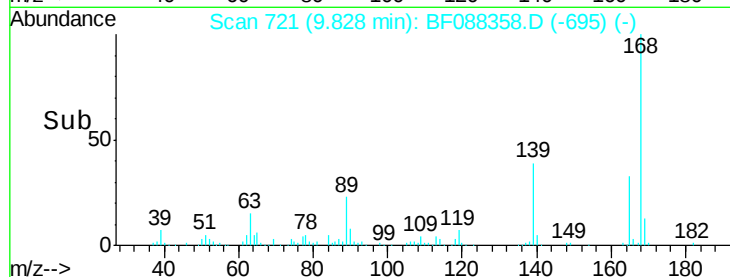
169 12.8 10.4 15.6



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: 88.56 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

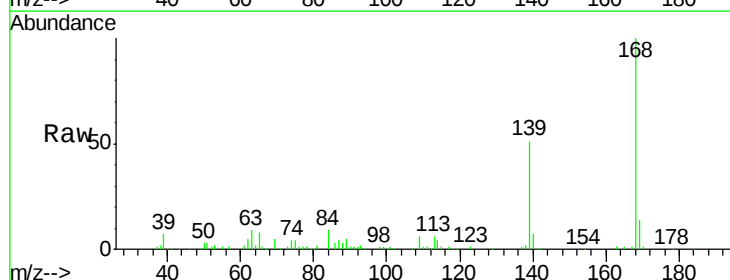
Tgt Ion:139 Resp: 153764

Ion Ratio Lower Upper

139 100

109 11.1 48.9 88.9#

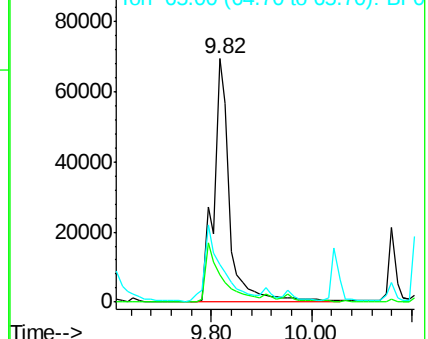
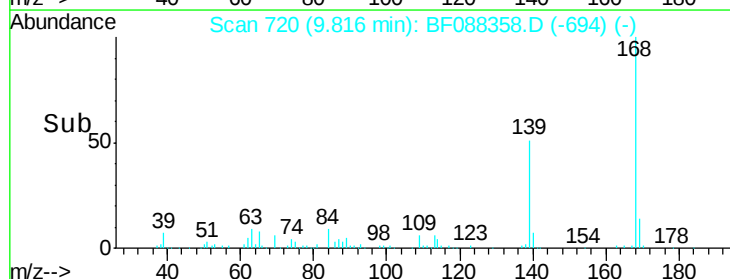
65 15.6 84.9 124.9#

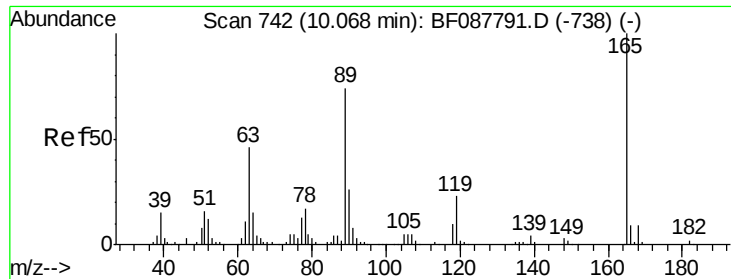


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

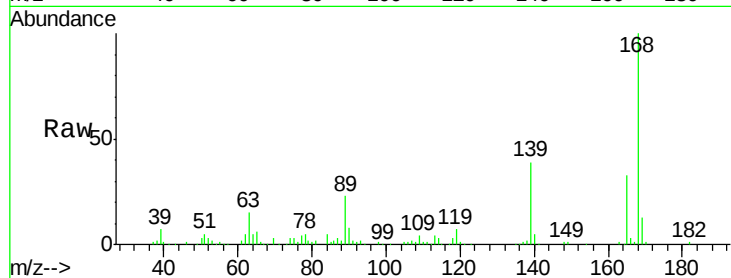




#56
2,4-Dinitrotoluene
Concen: 21.37 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.4	22.0	33.0#
89	68.4	41.1	61.7#
182	2.4	2.0	3.0

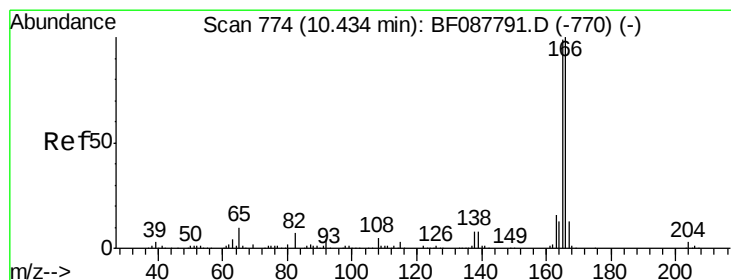
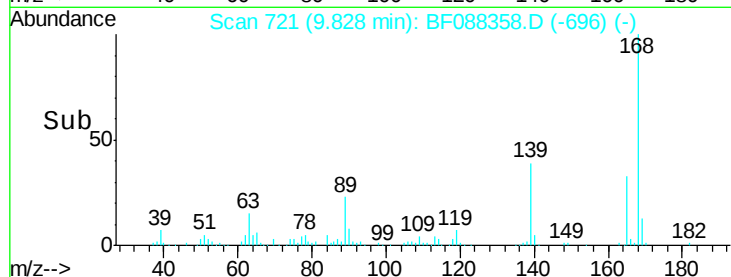
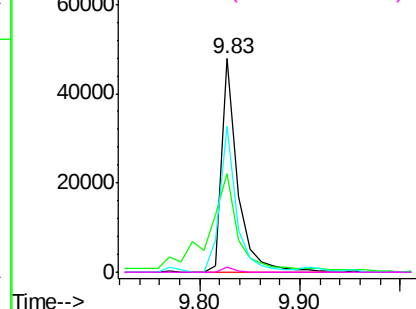


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

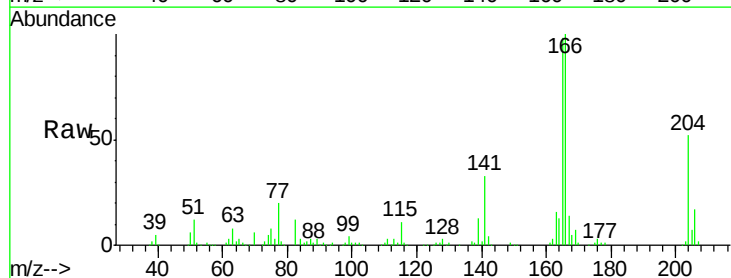
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 22.86 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

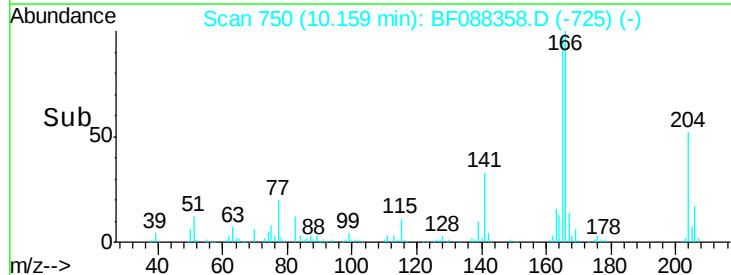
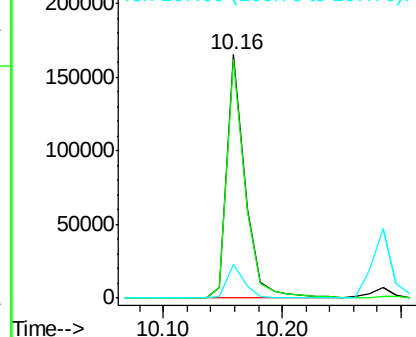
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.6	11.2	16.8



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

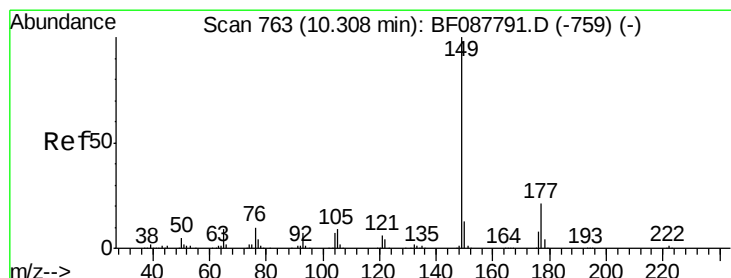
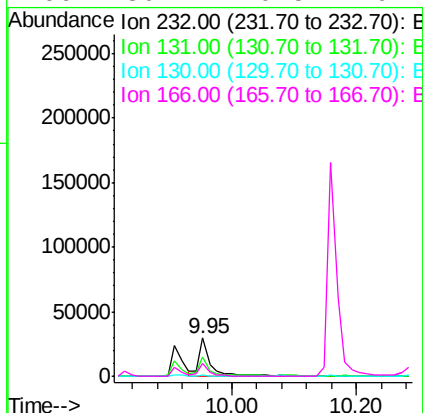
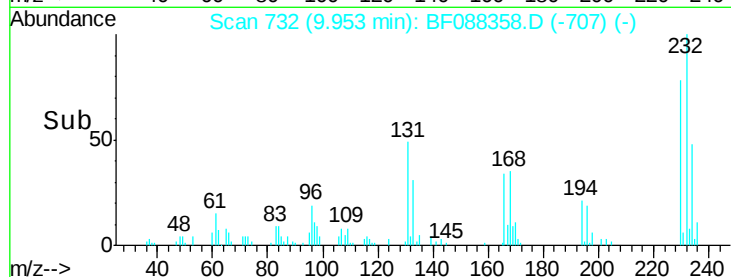
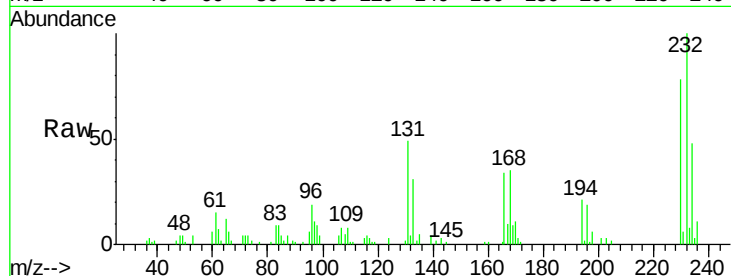




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 20.83 ng
 RT: 9.95 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

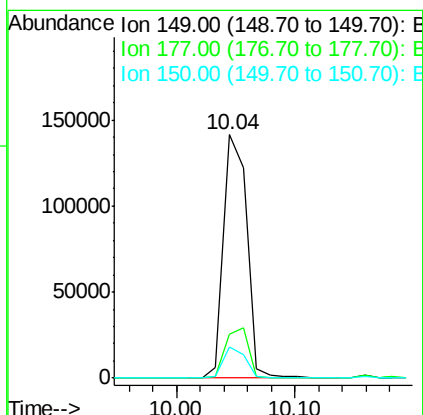
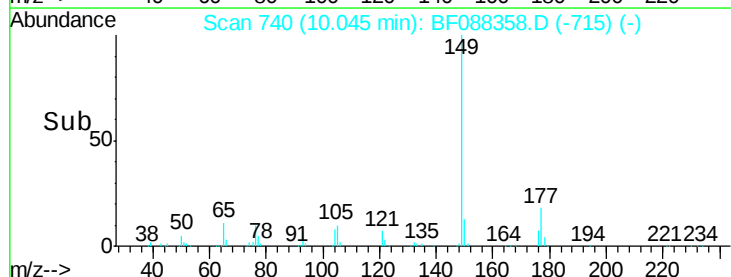
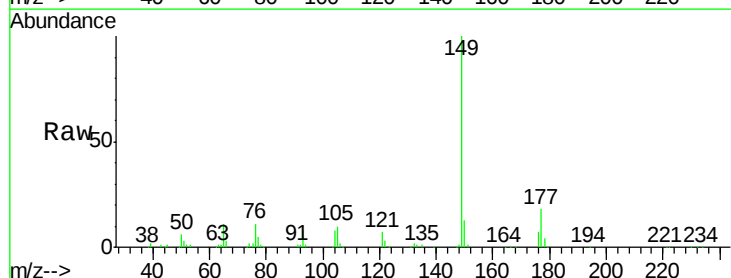
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

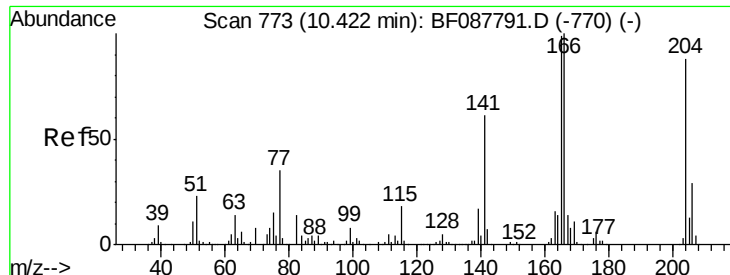
Tgt Ion: 232 Resp: 39806
 Ion Ratio Lower Upper
 232 100
 131 44.6 0.9 1.3#
 130 1.2 1.5 2.3#
 166 30.2 0.5 0.7#



#59
 Diethylphthalate
 Concen: 22.48 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion: 149 Resp: 192654
 Ion Ratio Lower Upper
 149 100
 177 17.9 16.9 25.3
 150 12.7 10.1 15.1

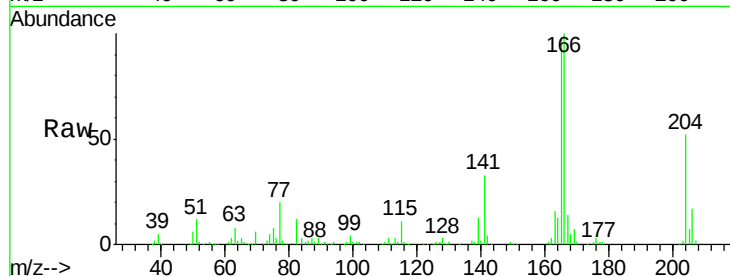




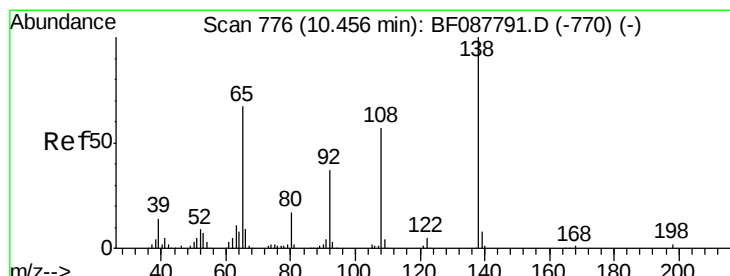
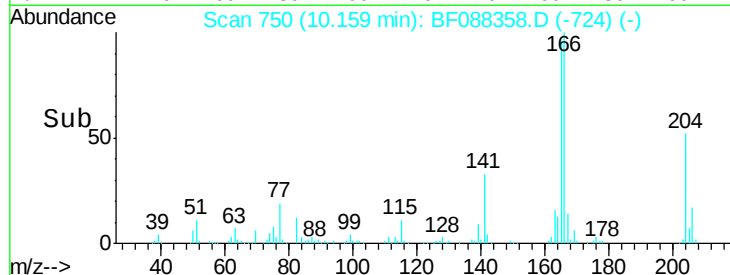
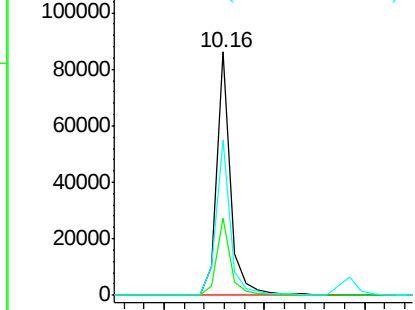
#60
 4-Chlorophenyl-phenylether
 Concen: 24.02 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion:204 Resp: 82532
 Ion Ratio Lower Upper
 204 100
 206 31.9 26.3 39.5
 141 64.0 55.0 82.6

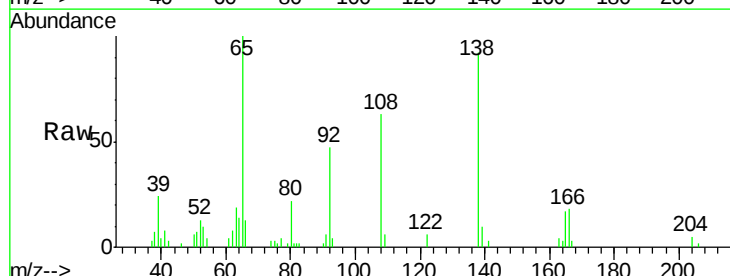


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

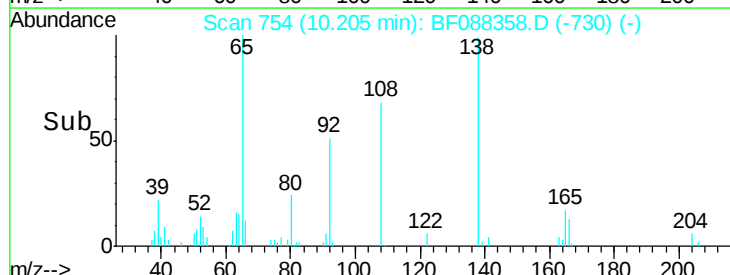
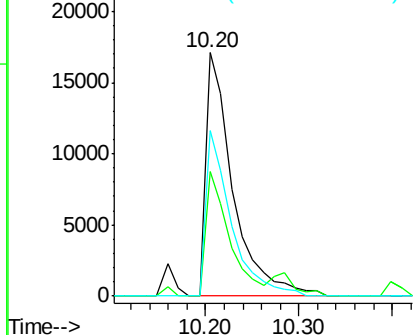


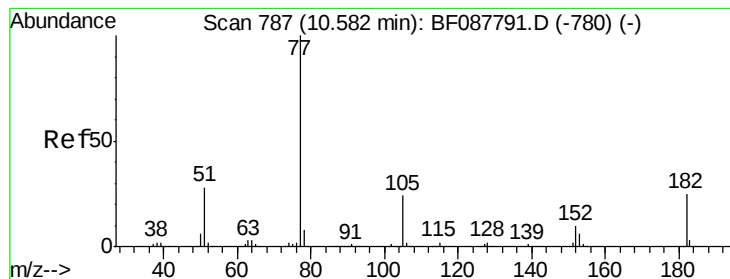
#61
 4-Nitroaniline
 Concen: 16.29 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:138 Resp: 34568
 Ion Ratio Lower Upper
 138 100
 92 51.1 27.3 67.3
 108 68.2 46.7 86.7



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





#62

Azobenzene

Concen: 22.39 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

Tgt Ion: 77 Resp: 189740

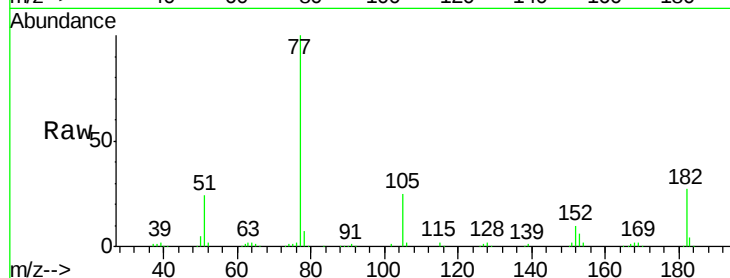
Ion Ratio Lower Upper

77 100

182 27.0 4.4 44.4

105 24.6 3.8 43.8

51 24.4 9.3 49.3

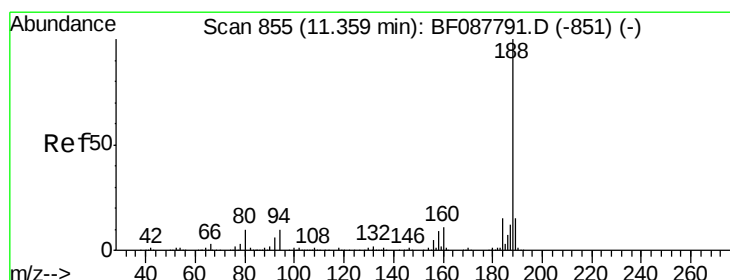
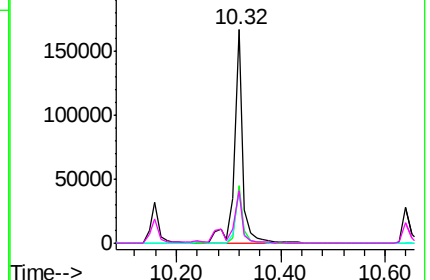
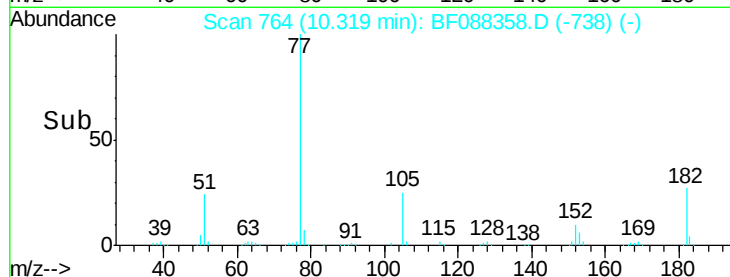


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

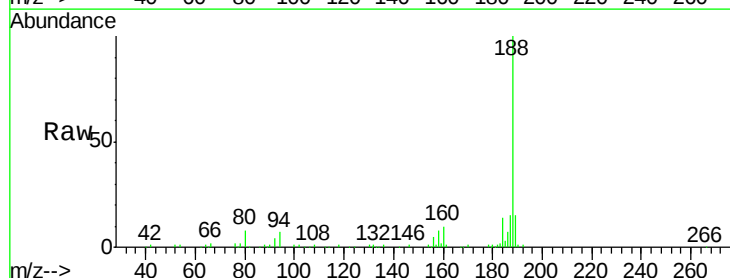
Tgt Ion: 188 Resp: 180451

Ion Ratio Lower Upper

188 100

94 7.4 9.0 13.6#

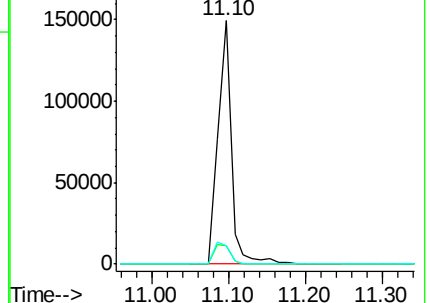
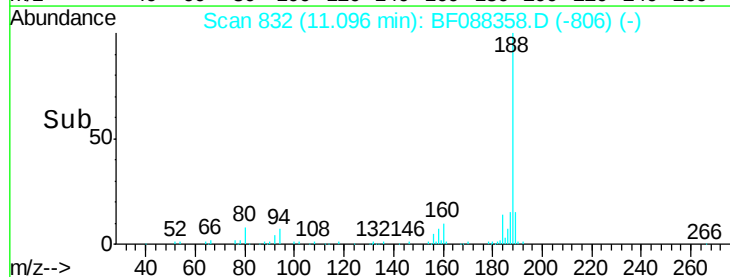
80 7.5 10.0 15.0#

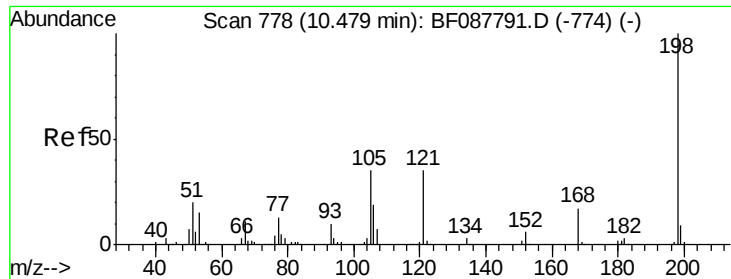


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 5.73 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

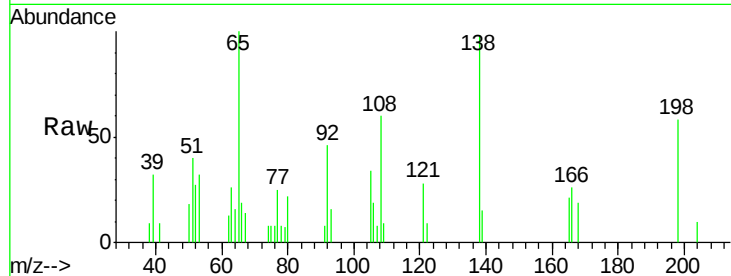
Tgt Ion:198 Resp: 4210

Ion Ratio Lower Upper

198 100

51 67.5 39.6 79.6

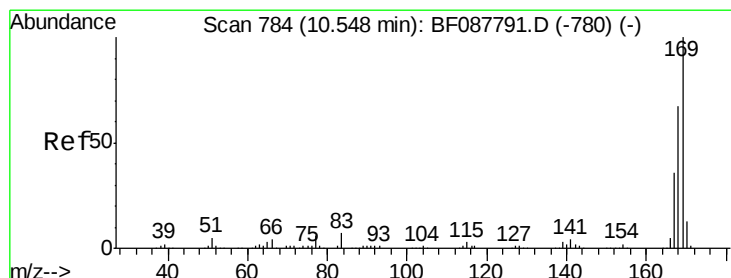
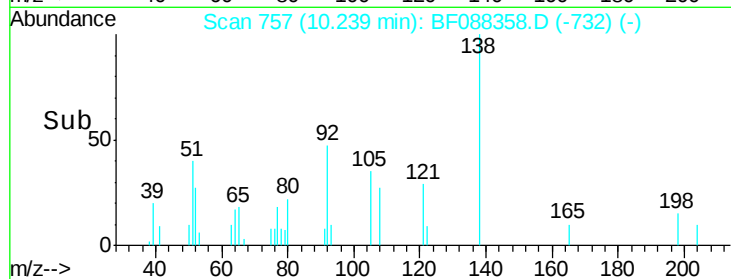
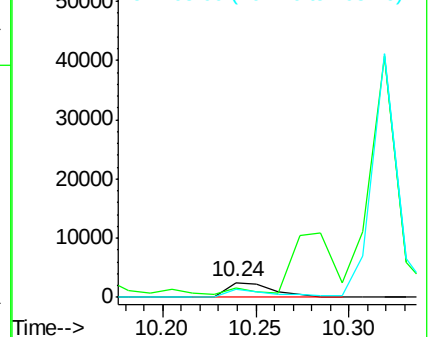
105 58.6 36.6 76.6



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: 26.21 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

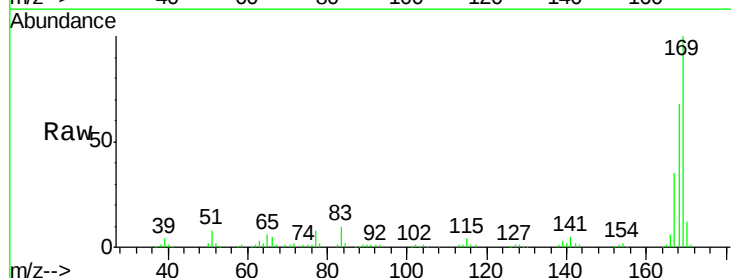
Tgt Ion:169 Resp: 156946

Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.0

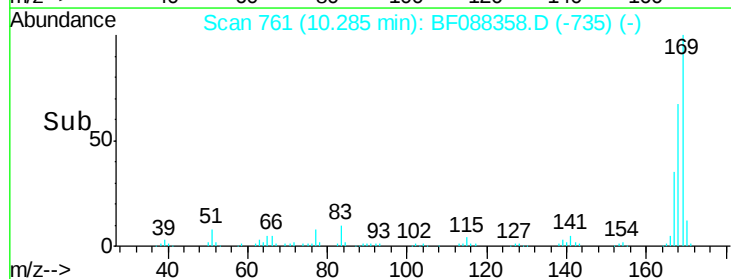
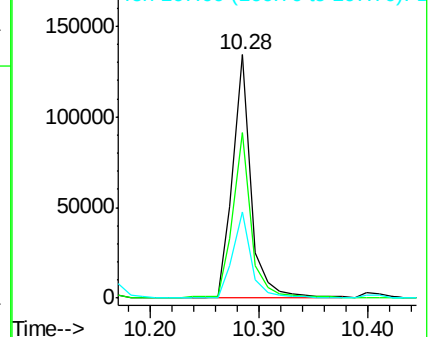
167 35.5 29.4 44.0



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

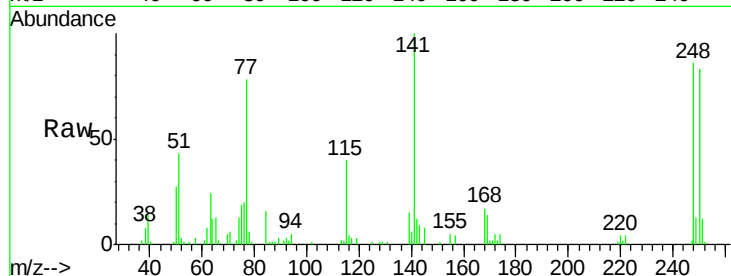




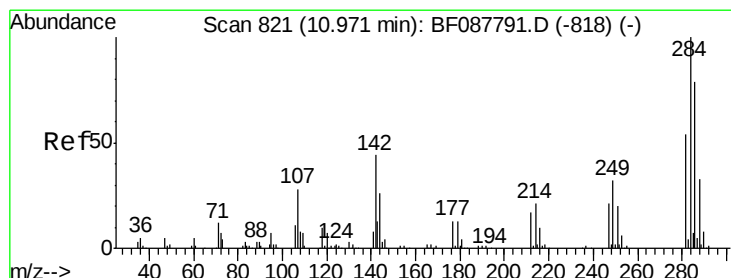
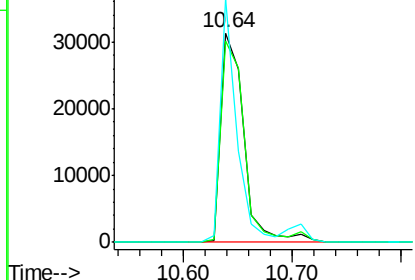
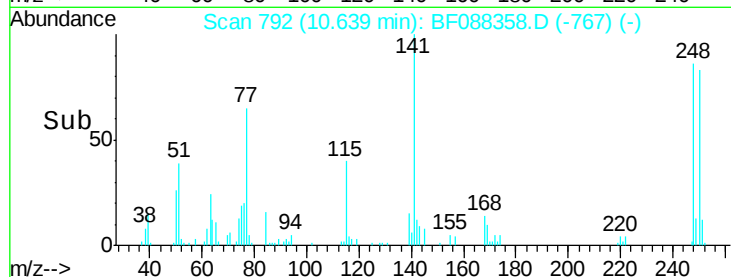
#66
 4-Bromophenyl-phenylether
 Concen: 23.57 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Instrument :
 BNA_F
 ClientSampleID :
 PB91593BS

Tgt Ion:248 Resp: 45623
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.1 115.7
 141 116.4 50.6 76.0#

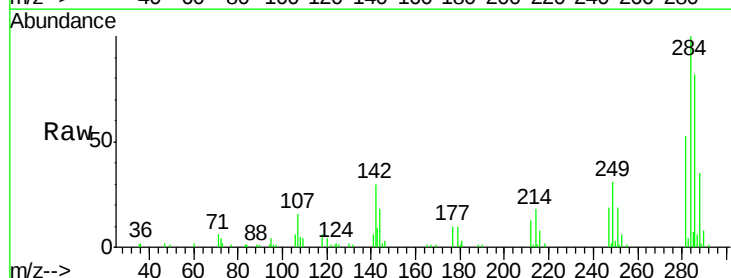


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

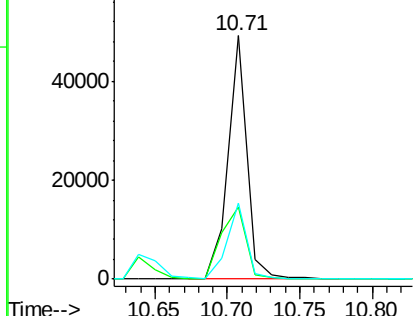
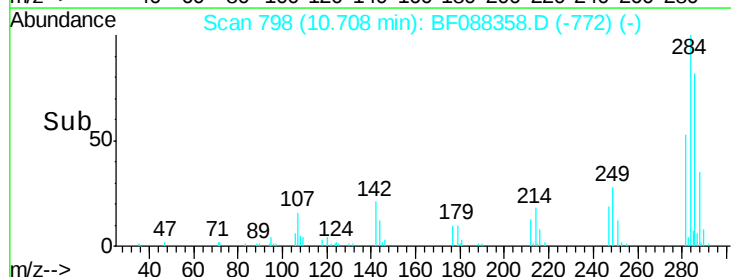


#67
 Hexachlorobenzene
 Concen: 22.16 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:284 Resp: 44567
 Ion Ratio Lower Upper
 284 100
 142 29.8 35.8 53.8#
 249 31.1 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

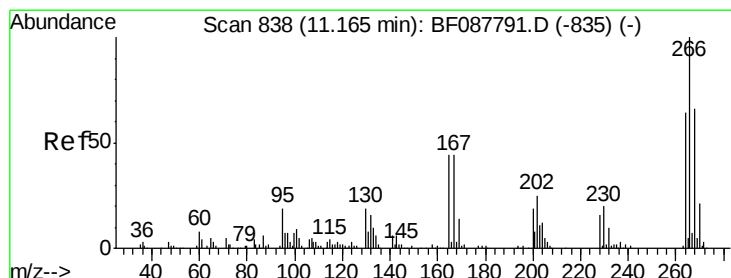
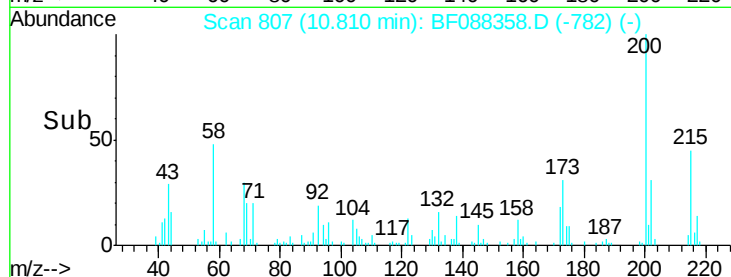
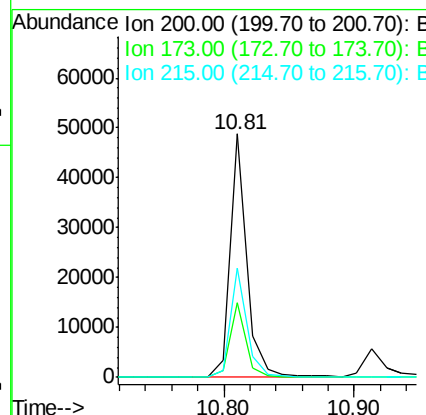
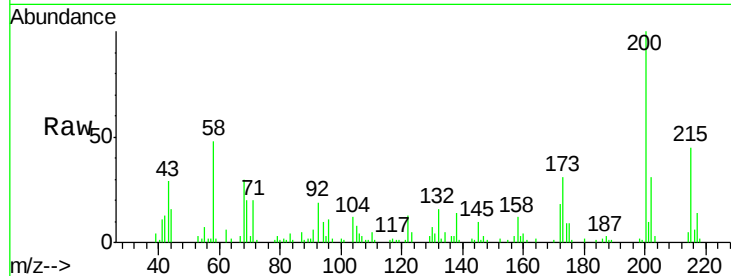




#68
Atrazine
Concen: 24.15 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

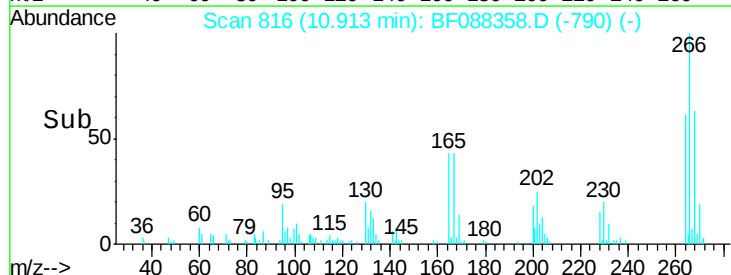
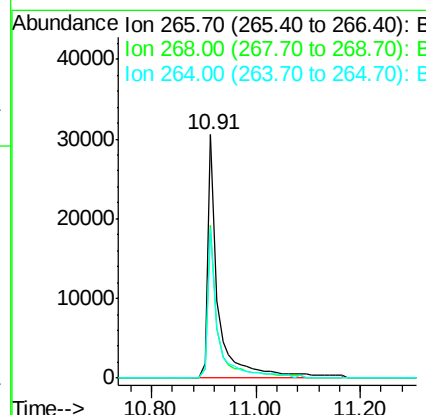
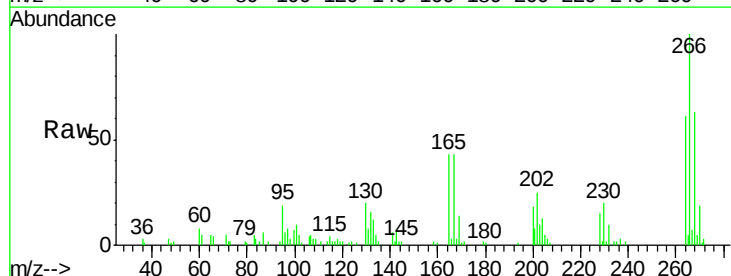
Instrument :
BNA_F
ClientSampleId :
PB91593BS

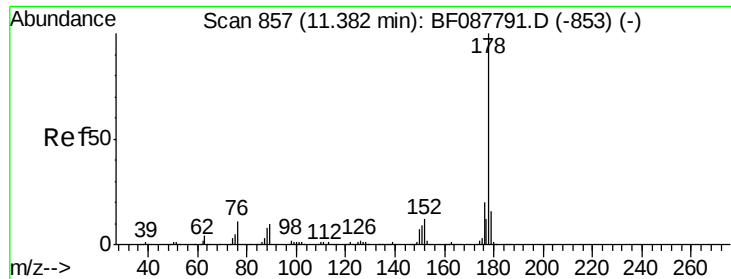
Tgt Ion:200 Resp: 43784
Ion Ratio Lower Upper
200 100
173 30.7 4.0 44.0
215 45.1 29.3 69.3



#69
Pentachlorophenol
Concen: 41.53 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion:266 Resp: 44029
Ion Ratio Lower Upper
266 100
268 62.5 52.8 79.2
264 61.5 49.6 74.4

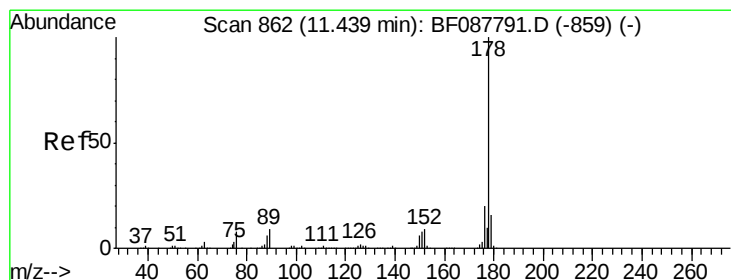
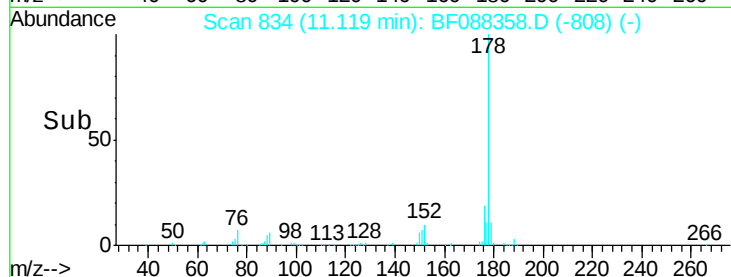
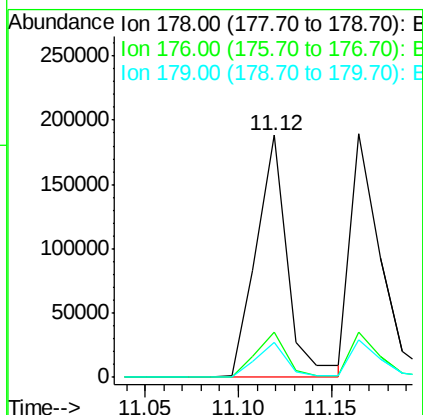
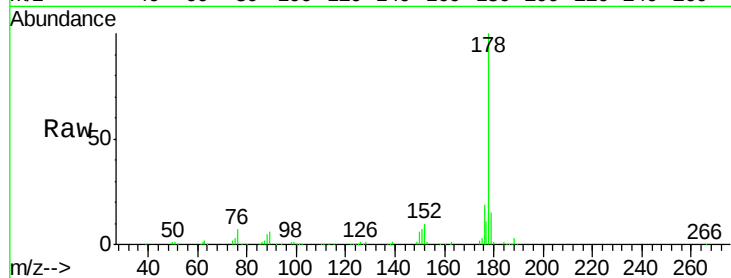




#70
Phenanthrene
Concen: 23.03 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

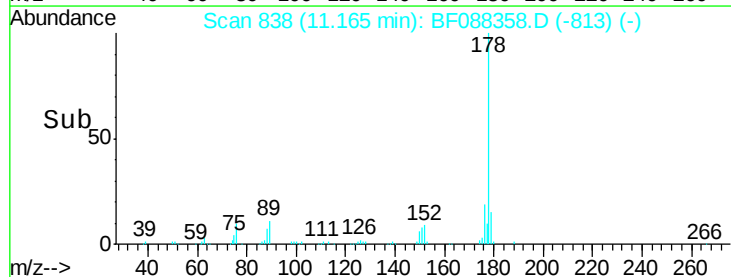
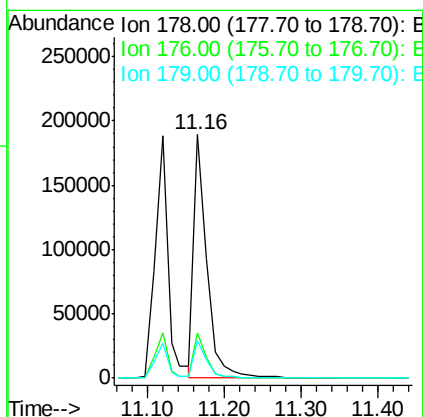
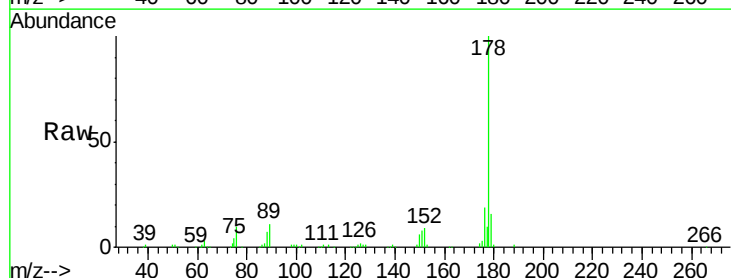
Instrument :
BNA_F
ClientSampleId :
PB91593BS

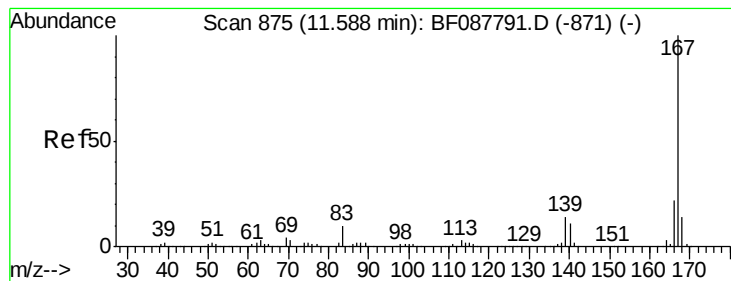
Tgt Ion:178 Resp: 218052
Ion Ratio Lower Upper
178 100
176 18.8 15.8 23.6
179 14.7 13.0 19.4



#71
Anthracene
Concen: 23.51 ng
RT: 11.16 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion:178 Resp: 224519
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.6 12.8 19.2





#72

Carbazole

Concen: 22.61 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

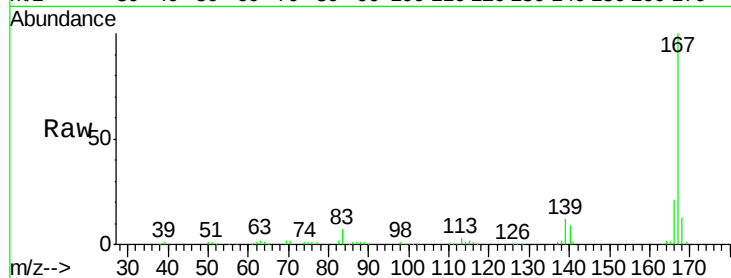
Tgt Ion:167 Resp: 202077

Ion Ratio Lower Upper

167 100

166 20.7 17.8 26.6

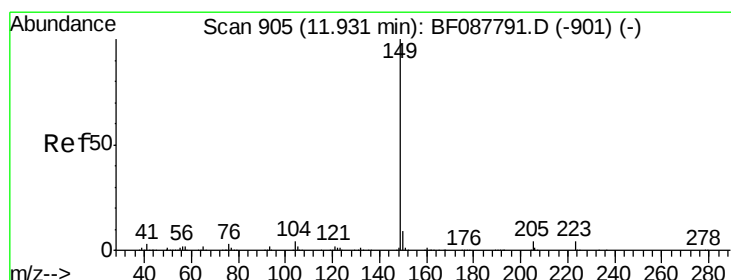
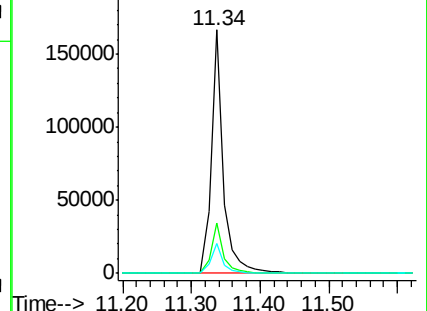
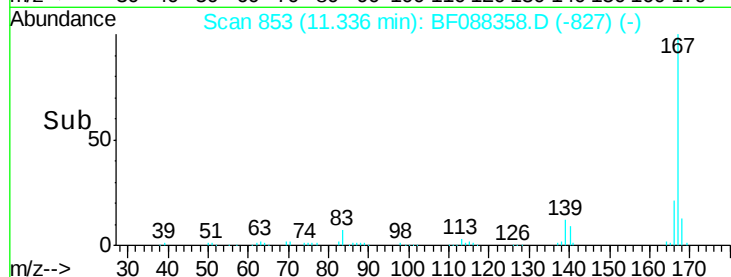
139 12.0 11.2 16.8



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: 24.31 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

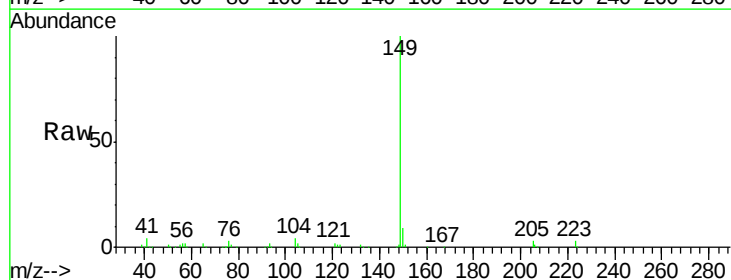
Tgt Ion:149 Resp: 275078

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

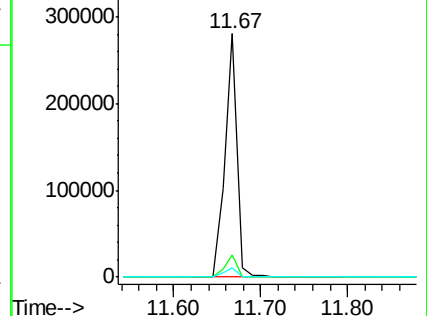
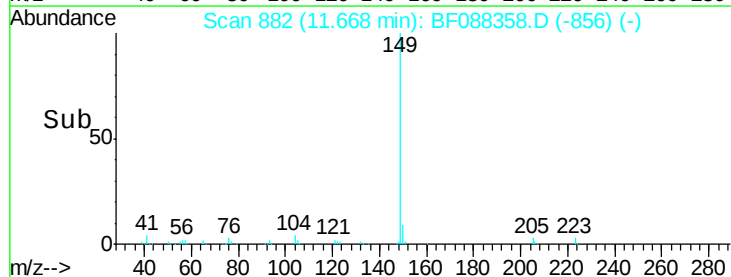
104 3.8 4.0 6.0#

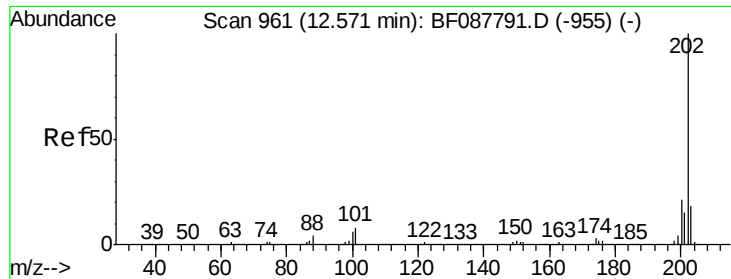


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

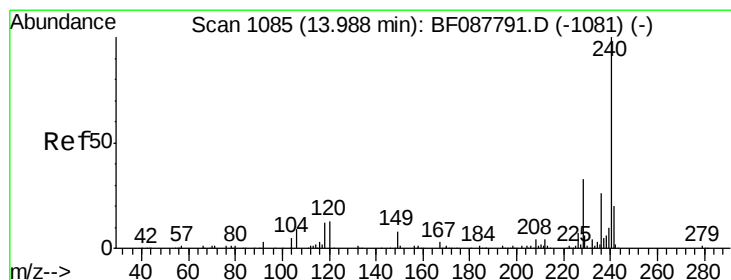
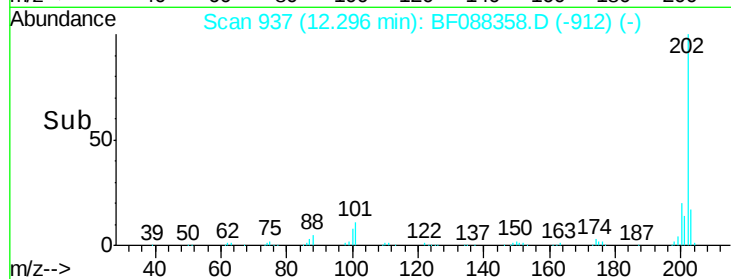
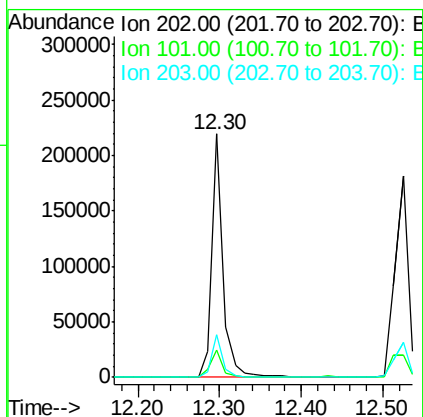
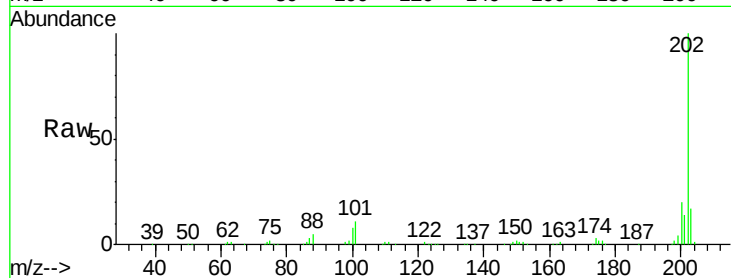




#74
 Fluoranthene
 Concen: 21.41 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

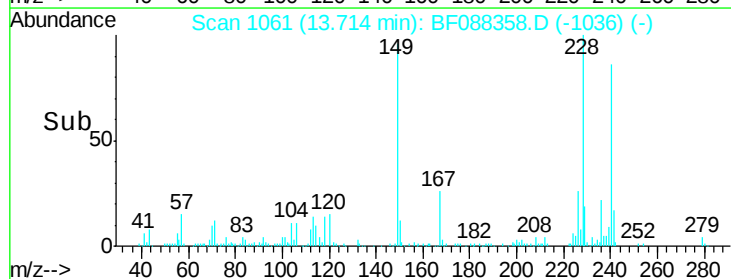
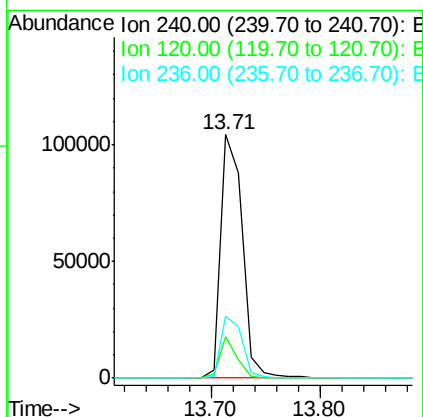
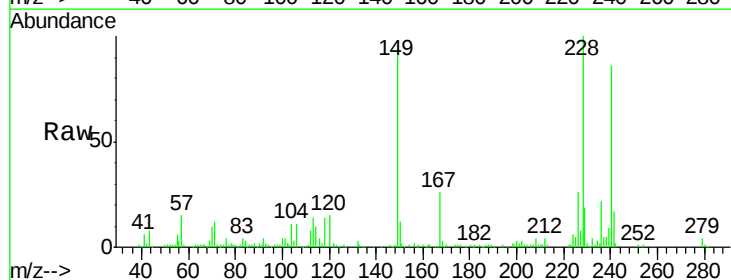
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	33.1
203	17.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.0	6.8	10.2#
236	25.6	20.2	30.2

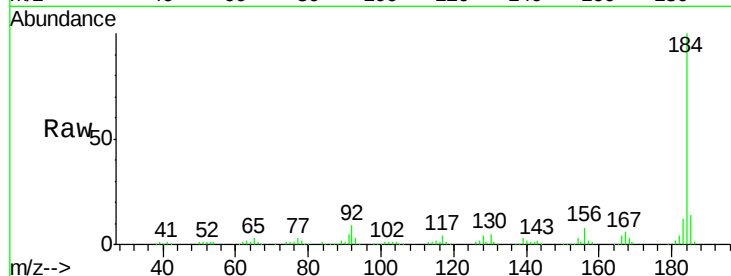




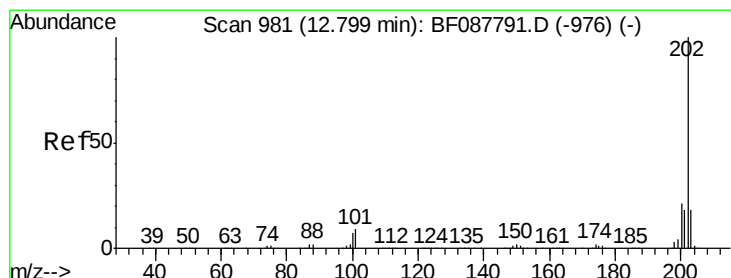
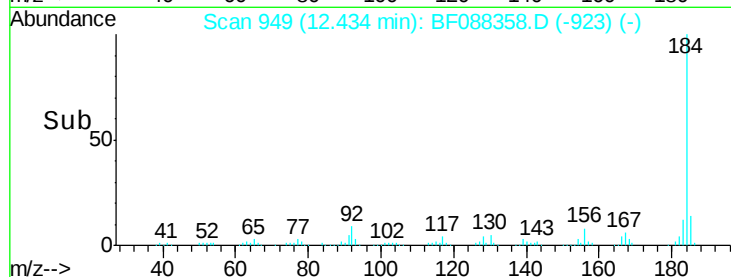
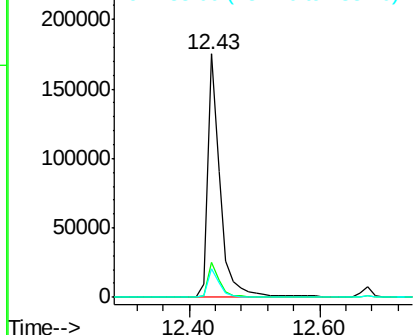
#76
Benzidine
Concen: 58.22 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion:184 Resp: 232169
Ion Ratio Lower Upper
184 100
185 14.3 12.5 18.7
183 11.6 9.3 13.9

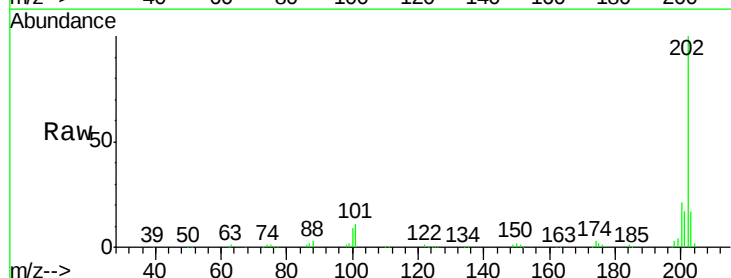


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

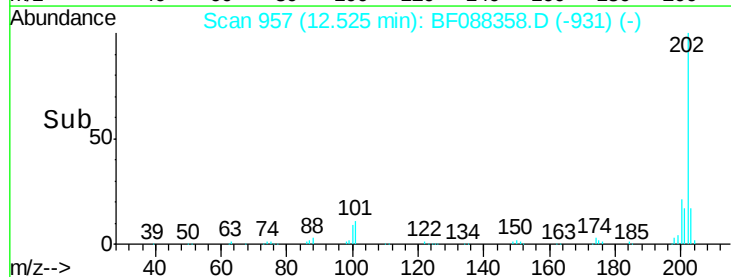
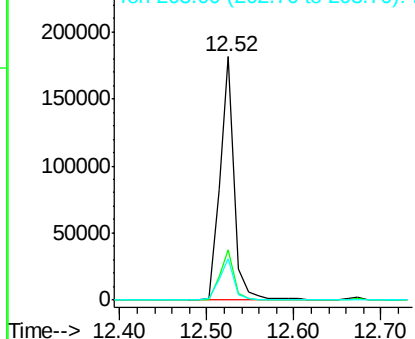


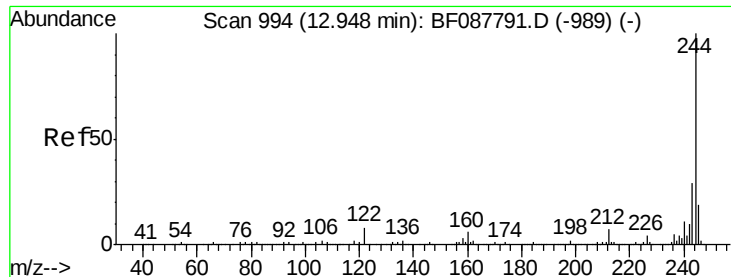
#77
Pyrene
Concen: 19.53 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion:202 Resp: 208742
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.1 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

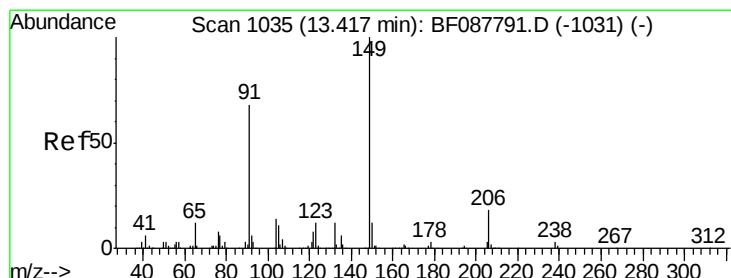
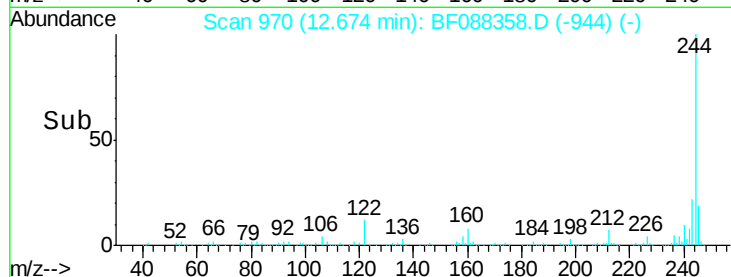
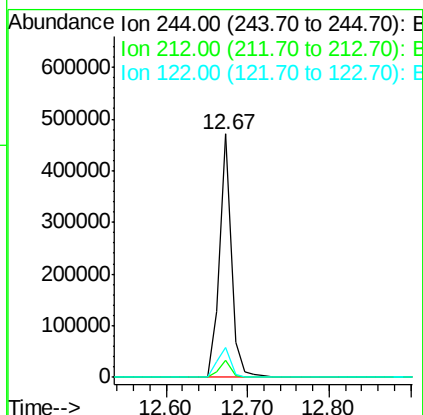
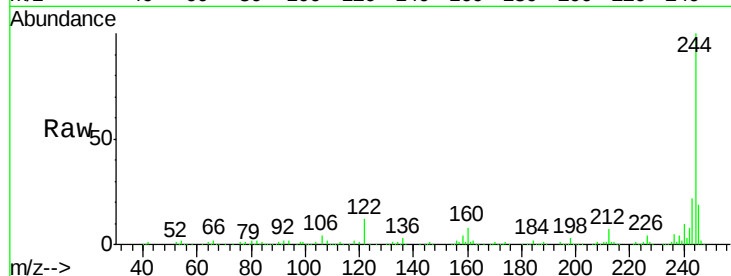




#78
 Terphenyl-d14
 Concen: 75.02 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

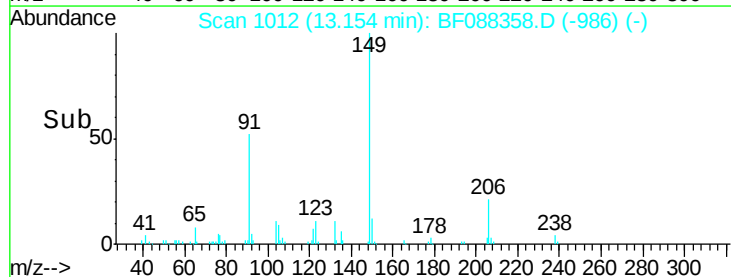
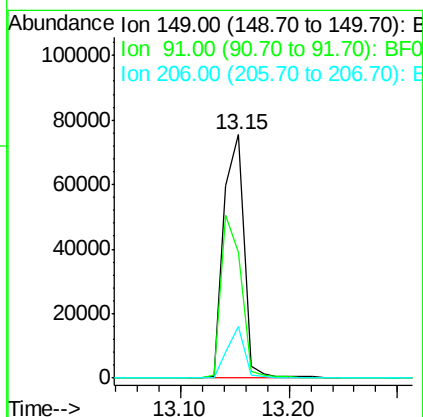
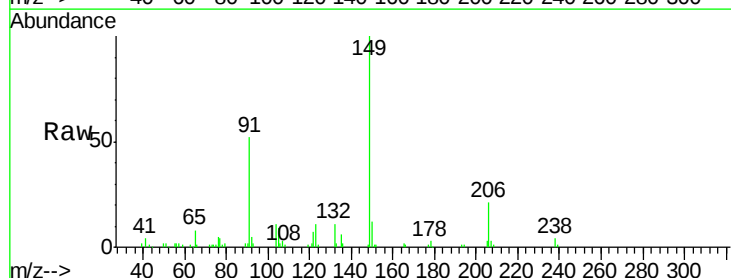
Instrument :
 BNA_F
 ClientSampleId :
 PB91593BS

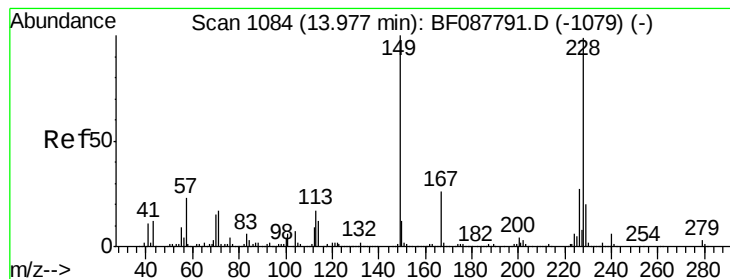
Tgt Ion:244 Resp: 474797
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.1 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 20.64 ng
 RT: 13.15 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF088358.D
 Acq: 25 Jun 2016 4:51

Tgt Ion:149 Resp: 97543
 Ion Ratio Lower Upper
 149 100
 91 51.7 48.0 72.0
 206 21.4 16.0 24.0





#80

Benzo(a)anthracene

Concen: 22.55 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

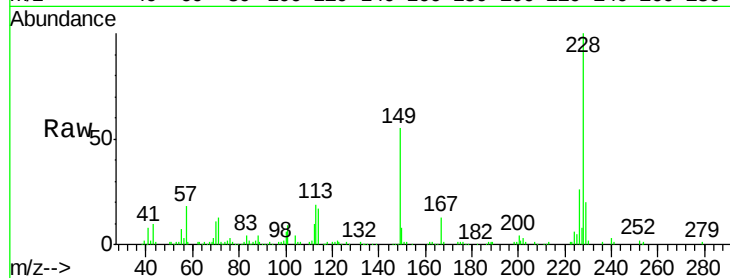
Tgt Ion:228 Resp: 185041

Ion Ratio Lower Upper

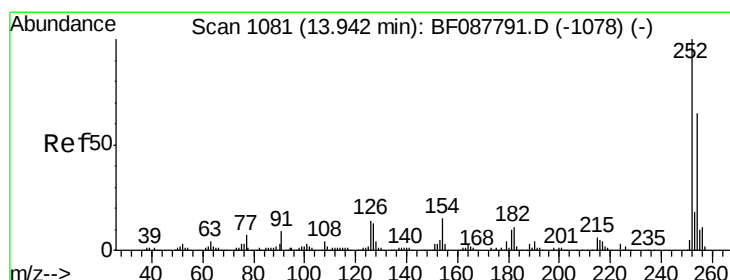
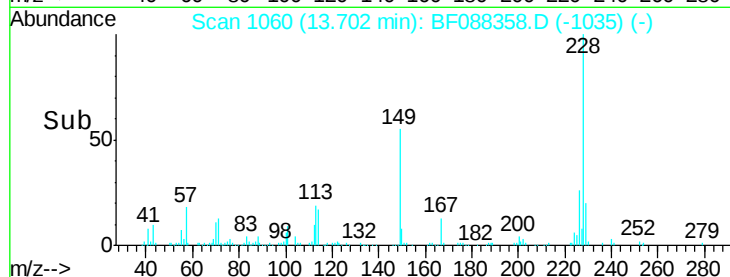
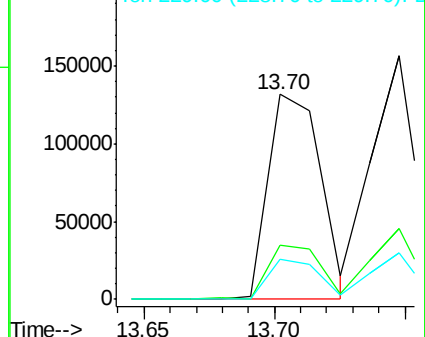
228 100

226 26.1 22.3 33.5

229 19.8 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: 28.68 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

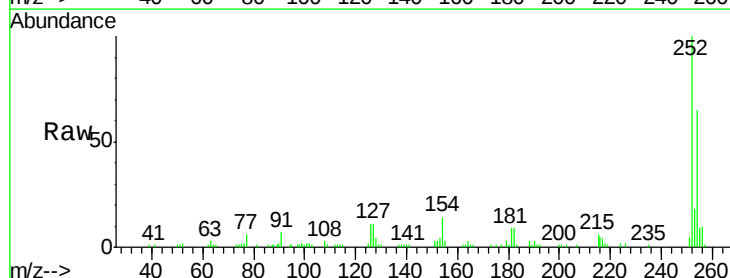
Tgt Ion:252 Resp: 63302

Ion Ratio Lower Upper

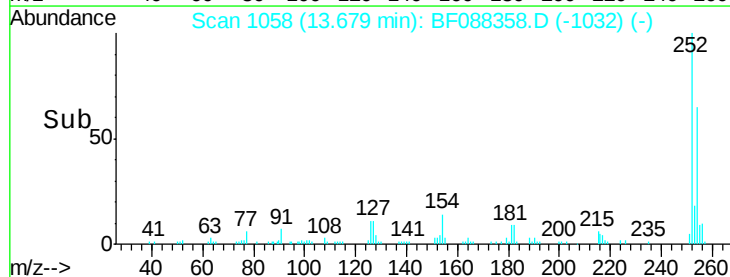
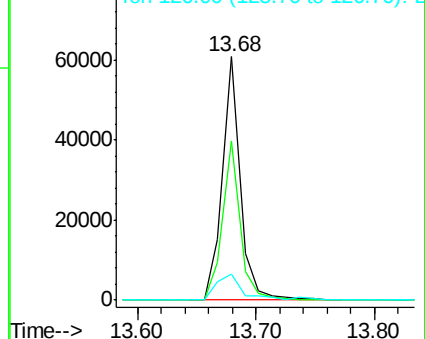
252 100

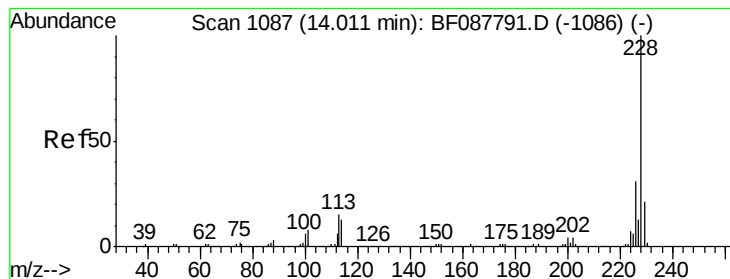
254 65.1 52.6 78.8

126 10.6 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: 24.66 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

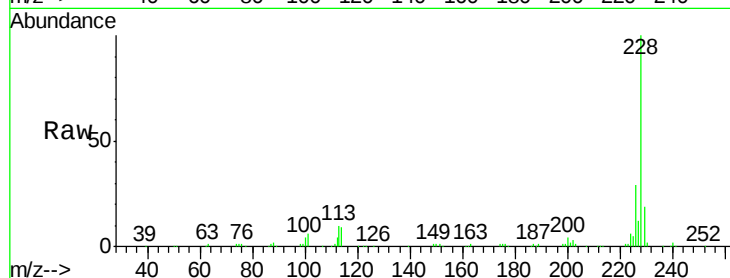
Tgt Ion:228 Resp: 190416

Ion Ratio Lower Upper

228 100

226 29.0 25.4 38.2

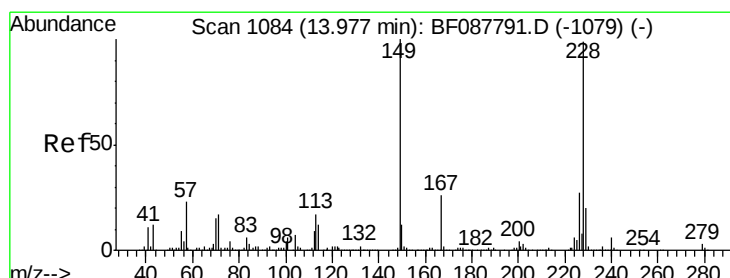
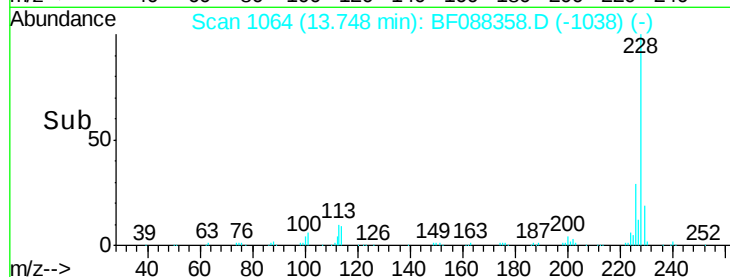
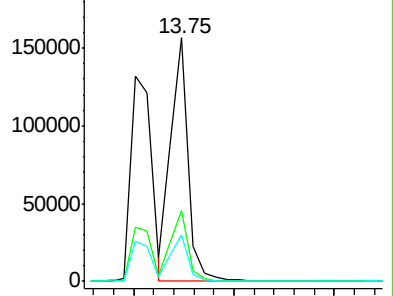
229 19.0 16.3 24.5



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: 23.37 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

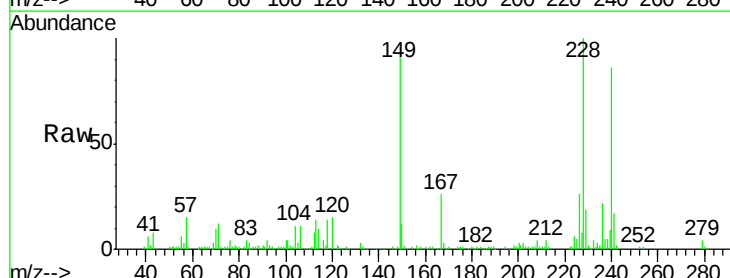
Tgt Ion:149 Resp: 134407

Ion Ratio Lower Upper

149 100

167 26.5 20.5 30.7

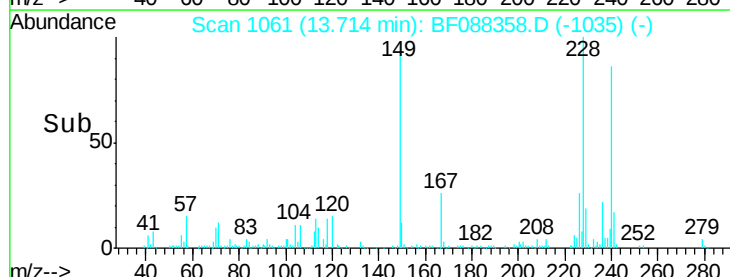
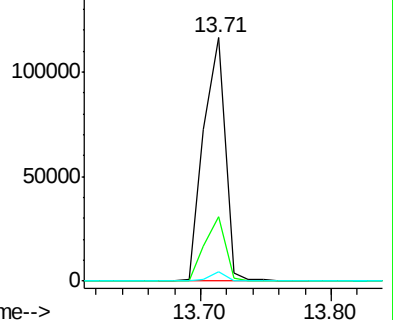
279 3.9 2.0 3.0#

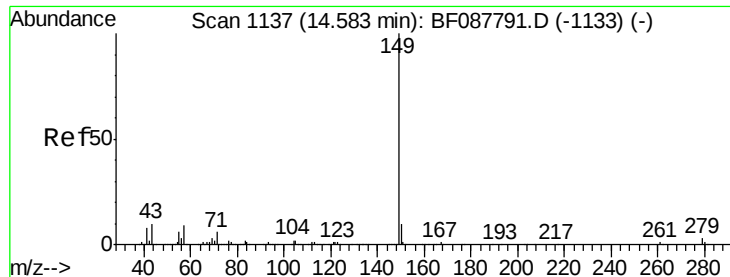


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 27.07 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

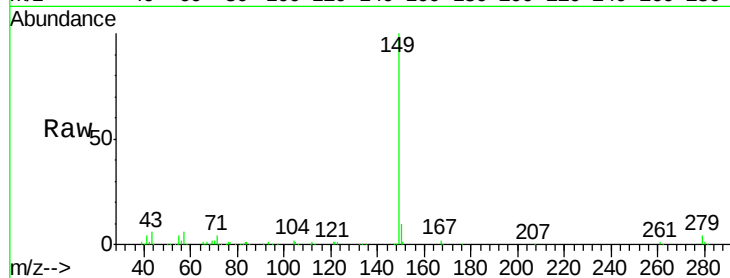
Tgt Ion:149 Resp: 253047

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

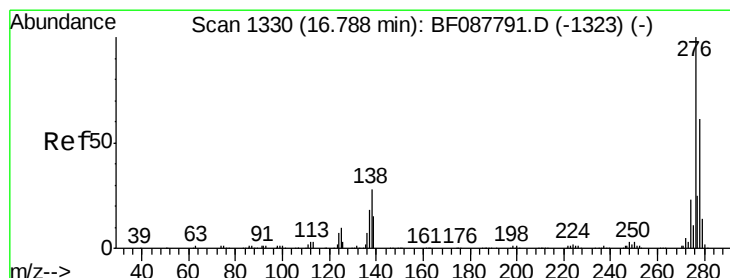
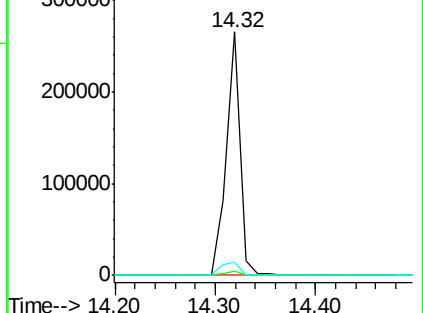
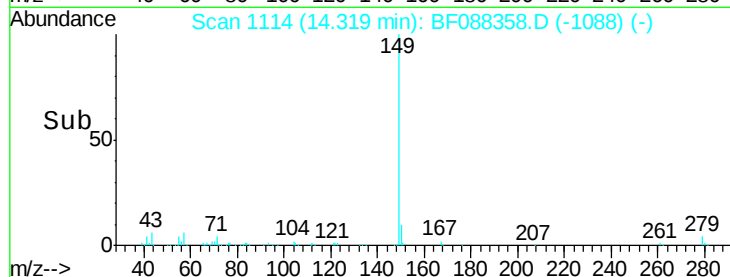
43 8.5 0.0 0.0#



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: 18.29 ng

RT: 16.32 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

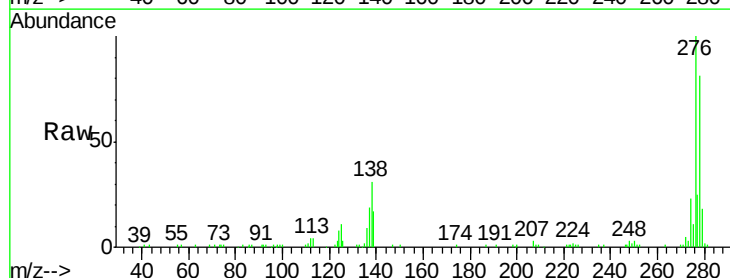
Tgt Ion:276 Resp: 131235

Ion Ratio Lower Upper

276 100

138 30.8 0.0 0.0#

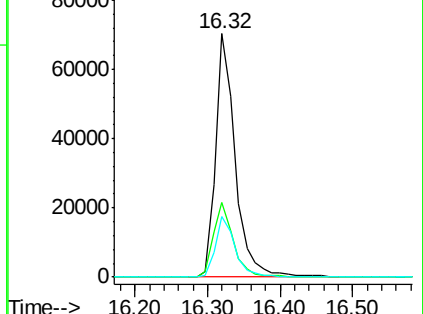
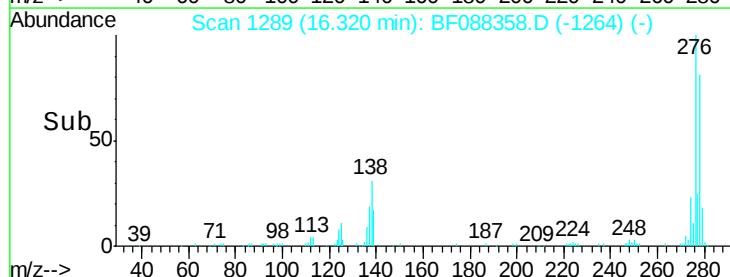
277 24.9 0.0 0.0#

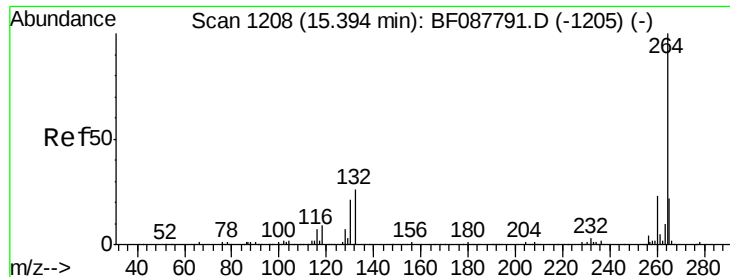


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



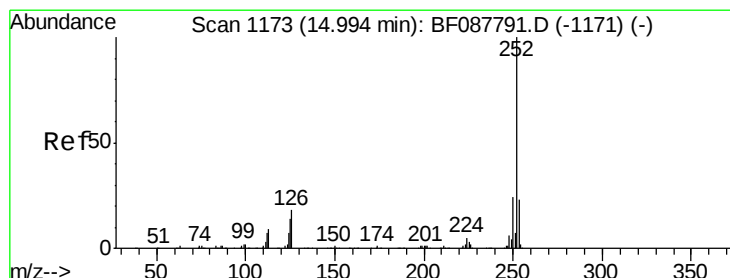
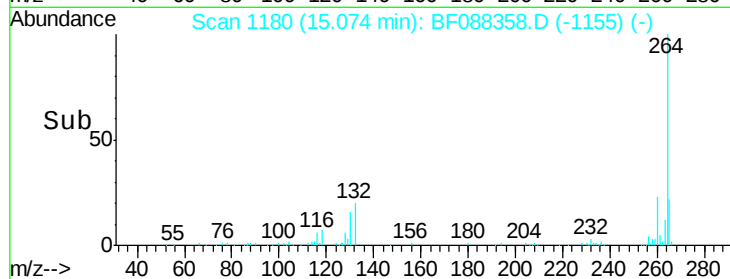
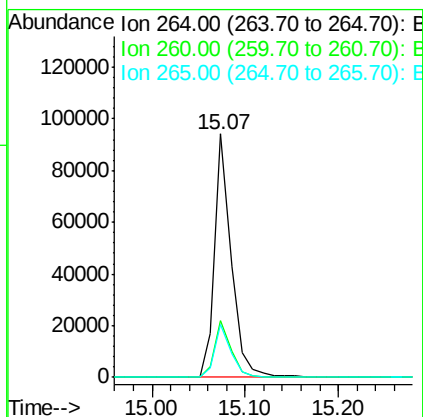
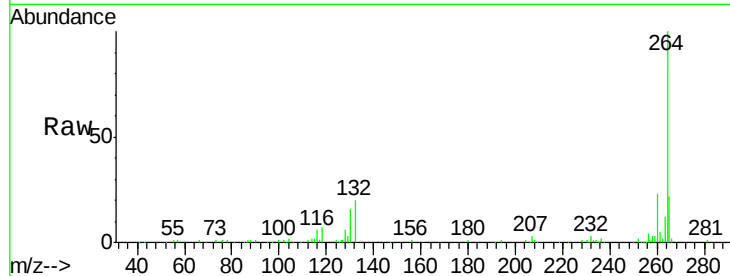


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Tgt Ion: 264 Resp: 117169

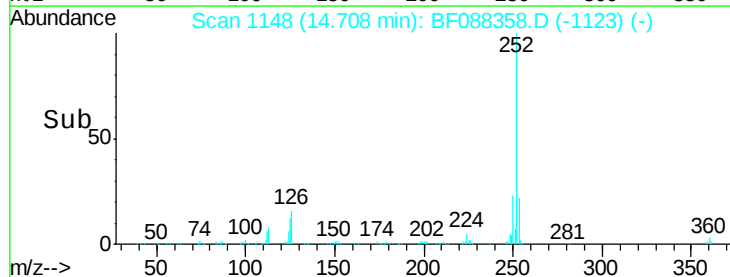
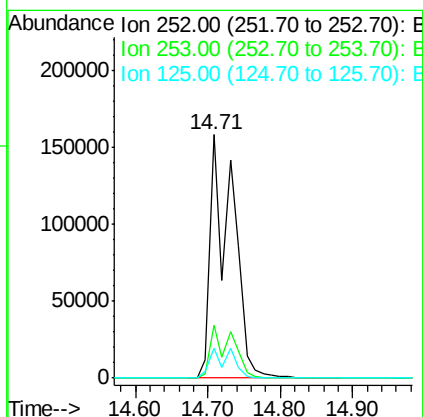
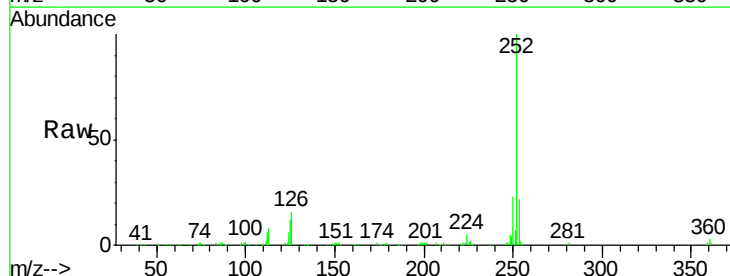
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	16.9	25.3

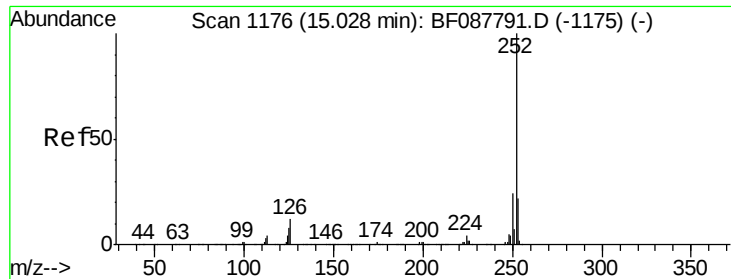


#87
Benzo(b)fluoranthene
Concen: 41.07 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion: 252 Resp: 335372

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	12.4	7.1	10.7

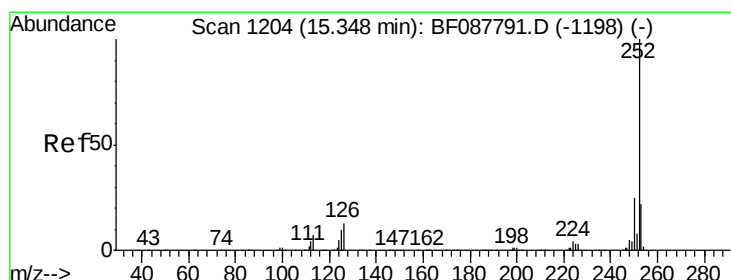
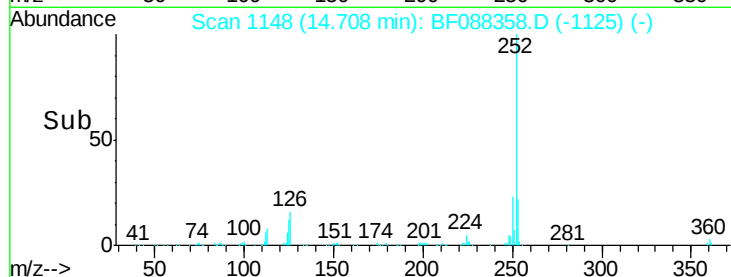
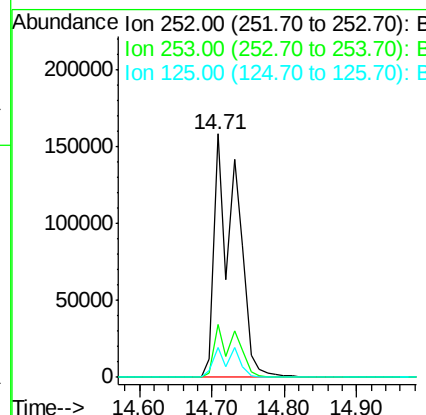
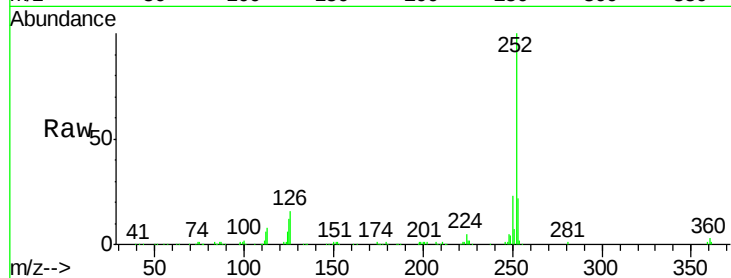




#88
Benzo(k)fluoranthene
Concen: 54.44 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

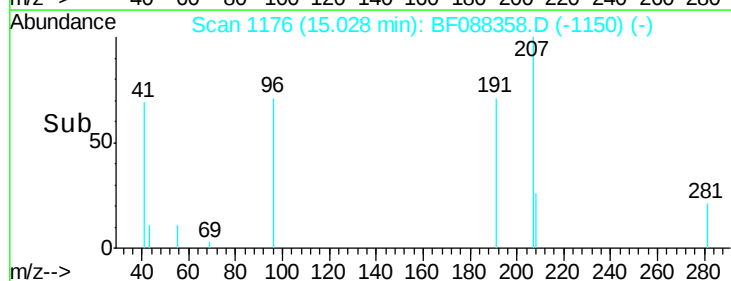
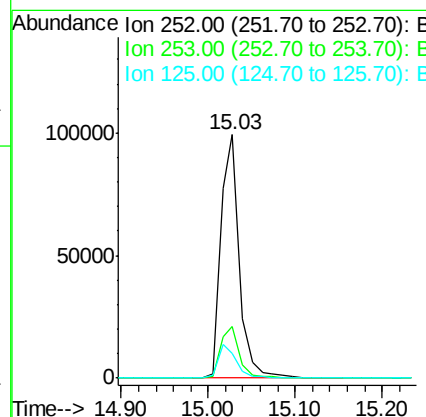
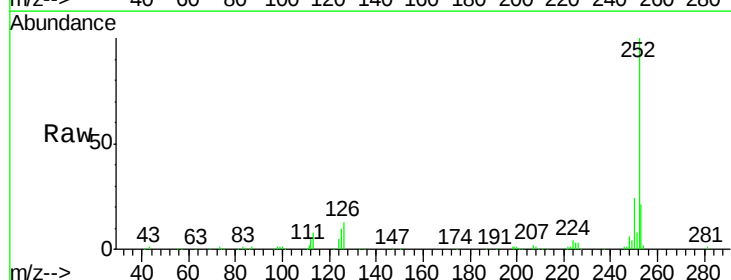
Instrument :
BNA_F
ClientSampleId :
PB91593BS

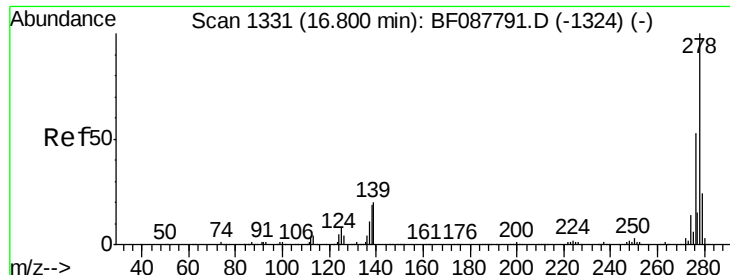
Tgt Ion:252 Resp: 335372
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 12.4 11.2 16.8



#89
Benzo(a)pyrene
Concen: 22.40 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF088358.D
Acq: 25 Jun 2016 4:51

Tgt Ion:252 Resp: 148009
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 10.3 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 18.17 ng

RT: 16.32 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

Instrument :

BNA_F

ClientSampleId :

PB91593BS

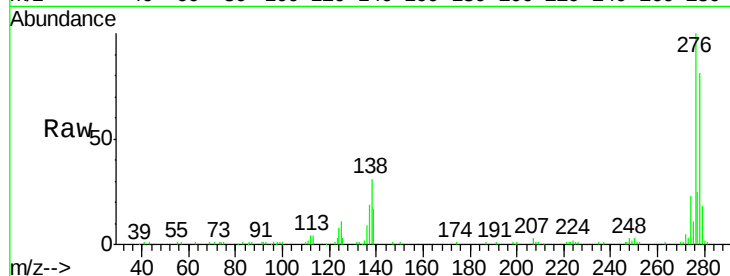
Tgt Ion: 278 Resp: 111534

Ion Ratio Lower Upper

278 100

139 21.4 15.7 23.5

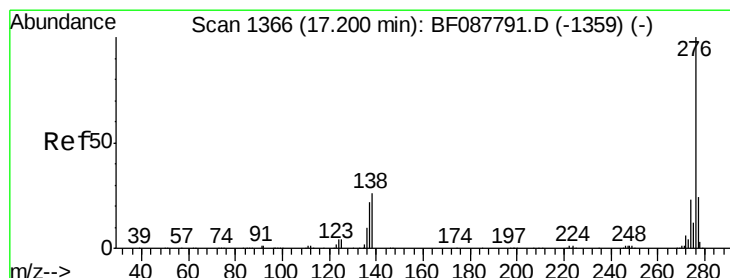
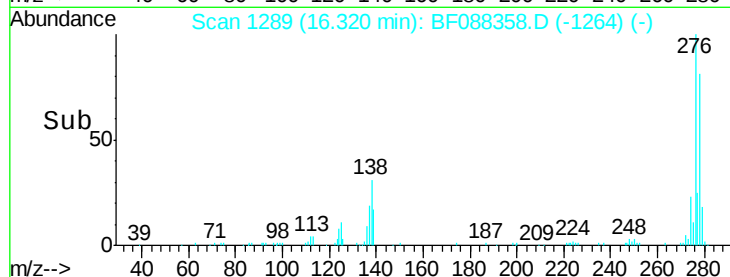
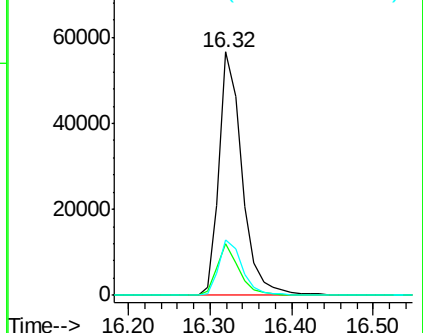
279 22.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 16.49 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF088358.D

Acq: 25 Jun 2016 4:51

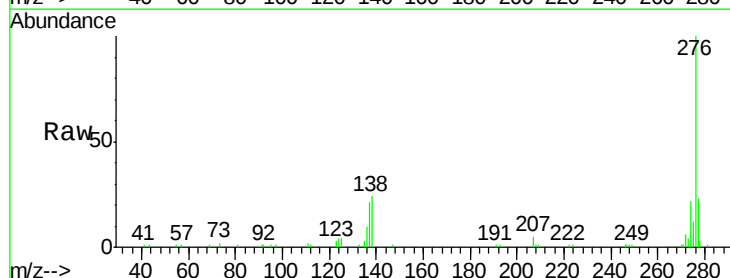
Tgt Ion: 276 Resp: 104084

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 23.6 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

