

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089919.D
 Acq On : 26 Aug 2016 20:36
 Operator : UM/SJ
 Sample : PB93109BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Quant Time: Aug 26 23:06:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	316943	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1275329	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	584434	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1053165	20.00	ng	0.00
75) Chrysene-d12	13.77	240	727066	20.00	ng	-0.01
86) Perylene-d12	15.12	264	641600	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1866852	101.01	ng	0.01
7) Phenol-d6	6.30	99	2107690	92.90	ng	0.00
23) Nitrobenzene-d5	7.22	82	1346283	65.58	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	481196	86.64	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2213919	66.58	ng	0.00
78) Terphenyl-d14	12.74	244	2013156	62.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	252462	27.60	ng	96
3) Pyridine	2.82	79	729447	30.41	ng	93
4) n-Nitrosodimethylamine	2.79	42	308357	34.53	ng	# 83
6) Aniline	6.31	93	651940	21.42	ng	# 9
8) 2-Chlorophenol	6.43	128	736639	33.33	ng	89
9) Benzaldehyde	6.18	77	136235	9.22	ng	97
10) Phenol	6.31	94	776185	29.19	ng	99
11) bis(2-Chloroethyl)ether	6.40	93	701933	34.04	ng	90
12) 1,3-Dichlorobenzene	6.82	146	753681	32.62	ng	96
13) 1,4-Dichlorobenzene	6.59	146	777100	32.72	ng	93
14) 1,2-Dichlorobenzene	6.82	146	753772	34.00	ng	96
15) Benzyl Alcohol	6.80	79	481060	31.97	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	822873	31.18	ng	90
17) 2-Methylphenol	6.92	107	611000	35.30	ng	94
18) Hexachloroethane	7.16	117	278326	32.86	ng	94
19) n-Nitroso-di-n-propylamine	7.08	70	499412	34.42	ng	# 83
20) 3+4-Methylphenols	7.07	107	655430	30.88	ng	# 74
22) Acetophenone	7.07	105	873062	29.81	ng	# 88
24) Nitrobenzene	7.23	77	639755	27.78	ng	99
25) Isophorone	7.48	82	1331591	32.16	ng	# 93
26) 2-Nitrophenol	7.55	139	354679	30.87	ng	# 83
27) 2,4-Dimethylphenol	7.61	122	665415	32.13	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	909411	35.50	ng	97
29) 2,4-Dichlorophenol	7.79	162	563170	32.41	ng	90
30) 1,2,4-Trichlorobenzene	7.88	180	633292	32.95	ng	# 95
31) Naphthalene	7.95	128	1944104	32.62	ng	99
32) Benzoic acid	7.72	122	330408	20.47	ng	96
33) 4-Chloroaniline	8.01	127	208876	8.08	ng	# 95
34) Hexachlorobutadiene	8.08	225	310513	30.85	ng	99
35) Caprolactam	8.42	113	48586	9.18	ng	97
36) 4-Chloro-3-methylphenol	8.50	107	617239	32.80	ng	99
37) 2-Methylnaphthalene	8.65	142	1401204	36.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	450924	23.83	ng	97
40) Hexachlorocyclopentadiene	8.81	237	606499	92.31	ng	98

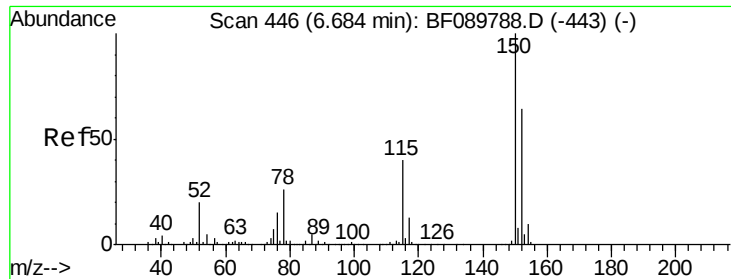
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082616\
 Data File : BF089919.D
 Acq On : 26 Aug 2016 20:36
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	393566	33.06	ng	98
43) 2,4,5-Trichlorophenol	8.97	196	417471	35.25	ng	99
45) 1,1'-Biphenyl	9.12	154	1397140	30.89	ng	93
46) 2-Chloronaphthalene	9.13	162	1144530	32.01	ng	98
47) 2-Nitroaniline	9.23	65	394011	38.64	ng	# 74
48) Acenaphthylene	9.54	152	1764988	32.85	ng	100
49) Dimethylphthalate	9.43	163	1479519	35.95	ng	# 98
50) 2,6-Dinitrotoluene	9.47	165	295254	31.08	ng	88
51) Acenaphthene	9.71	154	1278206	35.95	ng	99
52) 3-Nitroaniline	9.63	138	187168	17.78	ng	96
53) 2,4-Dinitrophenol	9.75	184	334747	65.18	ng	90
54) Dibenzofuran	9.88	168	1594632	35.71	ng	97
55) 4-Nitrophenol	9.82	139	624192	72.65	ng	# 71
56) 2,4-Dinitrotoluene	9.87	165	383885	31.14	ng	# 64
57) Fluorene	10.23	166	1115303	31.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	330399	38.34	ng	93
59) Diethylphthalate	10.12	149	1487062	35.57	ng	97
60) 4-Chlorophenyl-phenylether	10.23	204	527977	32.52	ng	99
61) 4-Nitroaniline	10.25	138	322644	32.70	ng	98
62) Azobenzene	10.39	77	1535548	39.07	ng	92
64) 4,6-Dinitro-2-methylphenol	10.28	198	236678	39.11	ng	# 60
65) n-Nitrosodiphenylamine	10.34	169	1162041	35.09	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	354698	32.12	ng	# 67
67) Hexachlorobenzene	10.78	284	433783	34.44	ng	98
68) Atrazine	10.88	200	362246	35.72	ng	97
69) Pentachlorophenol	10.97	266	491242	68.80	ng	98
70) Phenanthrene	11.18	178	1805576	33.94	ng	99
71) Anthracene	11.23	178	2002055	37.03	ng	99
72) Carbazole	11.38	167	1786952	36.85	ng	99
73) Di-n-butylphthalate	11.74	149	2197925	36.22	ng	99
74) Fluoranthene	12.35	202	1757741	34.74	ng	94
76) Benzidine	12.48	184	659999	28.05	ng	97
77) Pyrene	12.58	202	1827921	30.87	ng	98
79) Butylbenzylphthalate	13.22	149	972364	36.36	ng	98
80) Benzo(a)anthracene	13.76	228	1517960	36.46	ng	99
81) 3,3'-Dichlorobenzidine	13.74	252	262439	19.23	ng	# 95
82) Chrysene	13.81	228	1453044	40.70	ng	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1204240	32.69	ng	# 98
84) Di-n-octyl phthalate	14.39	149	2011509	41.10	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.37	276	1254321	27.54	ng	99
87) Benzo(b)fluoranthene	14.79	252	2553340	72.34	ng	# 96
88) Benzo(k)fluoranthene	14.79	252	2553340	79.73	ng	98
89) Benzo(a)pyrene	15.07	252	1171869	35.08	ng	# 96
90) Dibenzo(a,h)anthracene	16.39	278	1053139	29.04	ng	97
91) Benzo(g,h,i)perylene	16.74	276	1081322	28.32	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

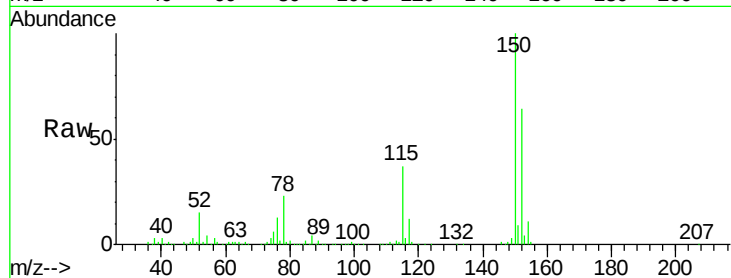
Tgt Ion: 152 Resp: 316943

Ion Ratio Lower Upper

152 100

150 156.6 125.3 187.9

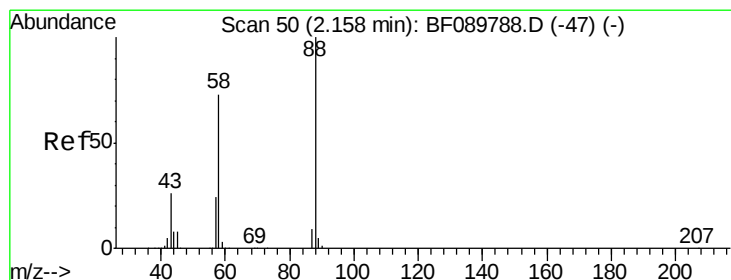
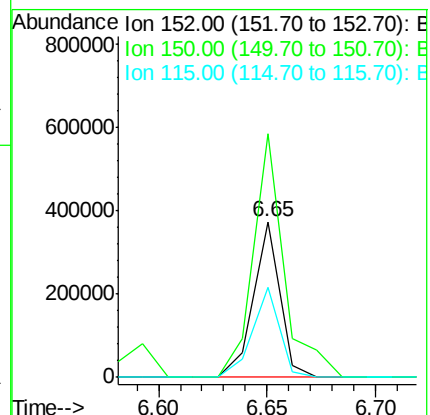
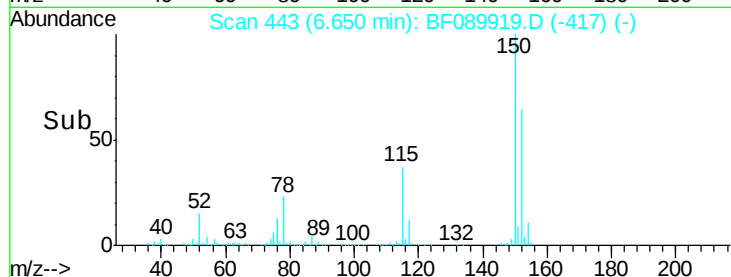
115 58.1 40.9 61.3



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: 27.60 ng

RT: 2.19 min Scan# 53

Delta R.T. 0.09 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

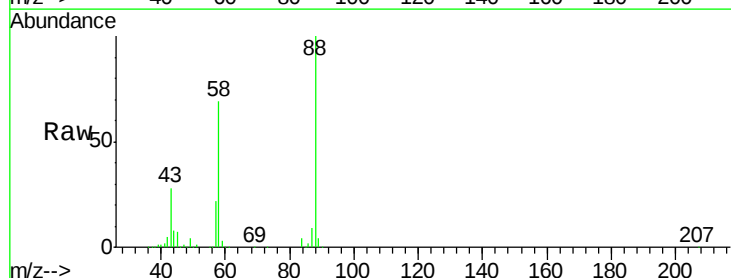
Tgt Ion: 88 Resp: 252462

Ion Ratio Lower Upper

88 100

58 67.4 57.0 85.4

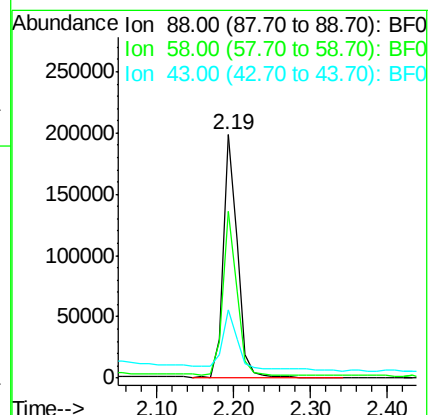
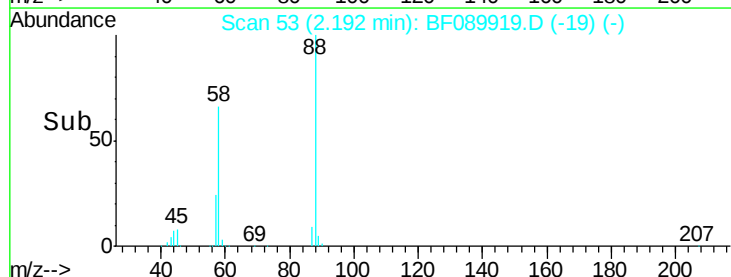
43 25.9 21.8 32.8

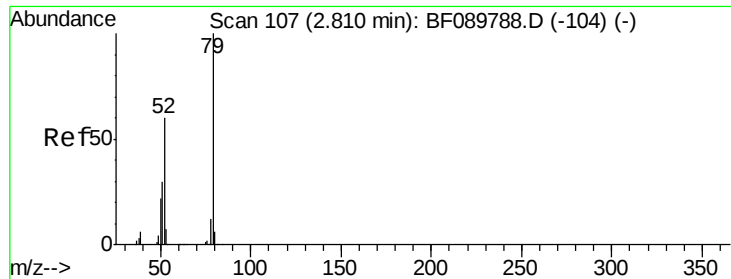


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.41 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.08 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

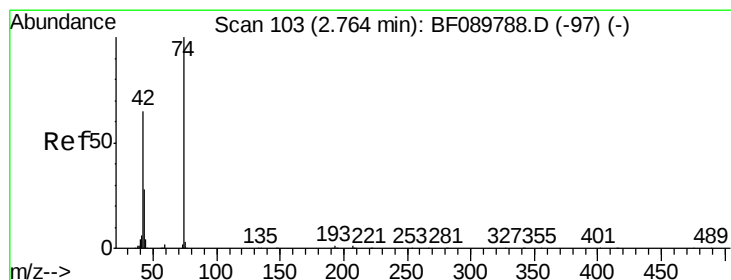
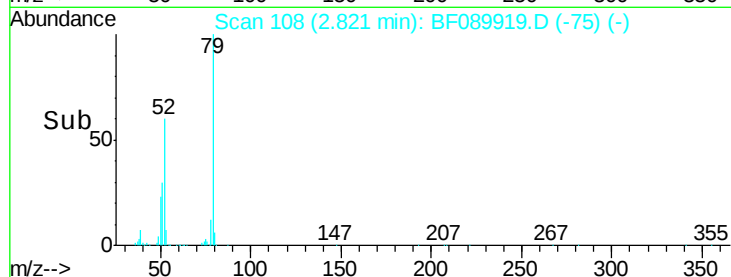
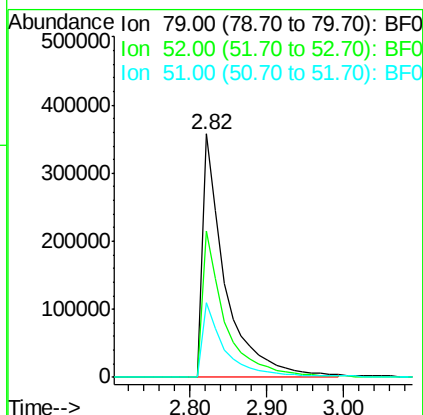
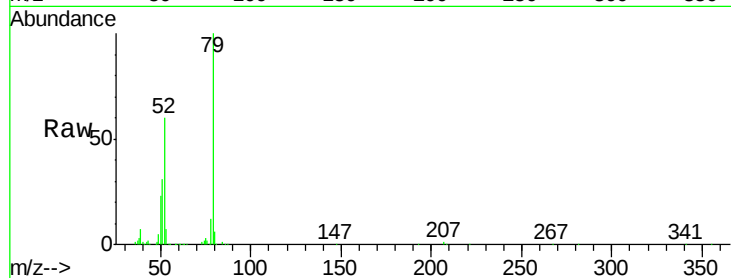
Tgt Ion: 79 Resp: 729447

Ion Ratio Lower Upper

79 100

52 60.2 53.6 80.4

51 30.5 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 34.53 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.08 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

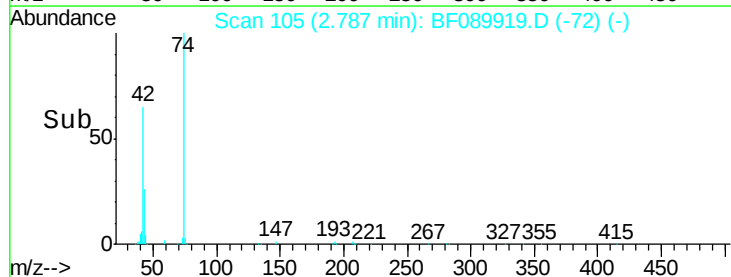
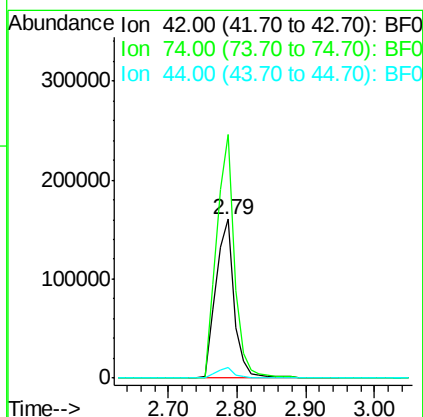
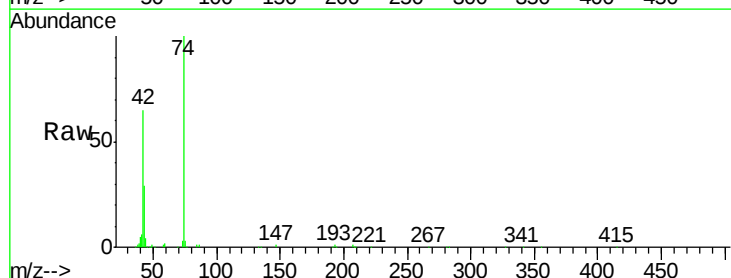
Tgt Ion: 42 Resp: 308357

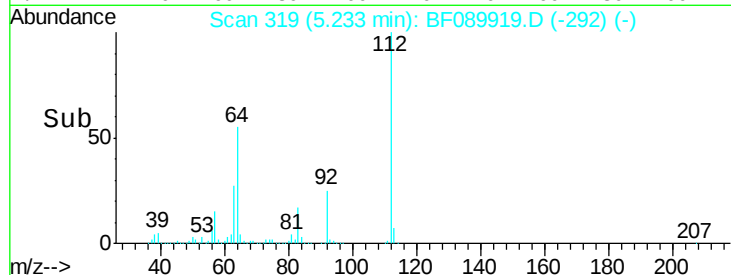
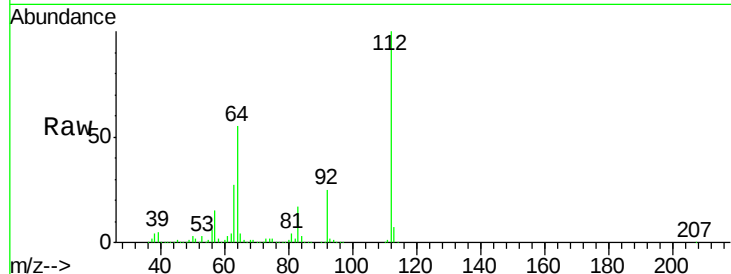
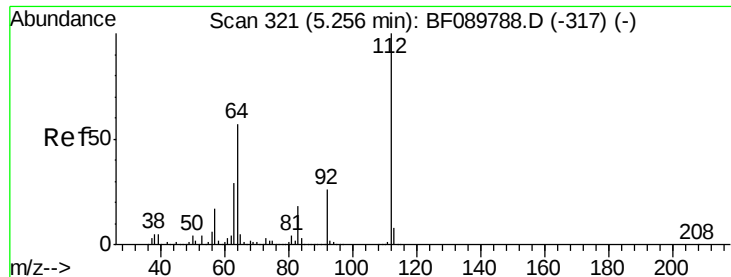
Ion Ratio Lower Upper

42 100

74 153.1 106.2 159.2

44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 101.01 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

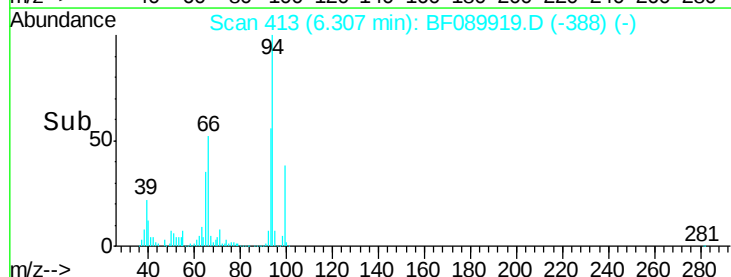
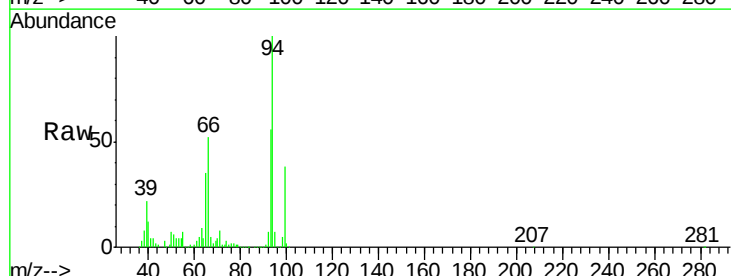
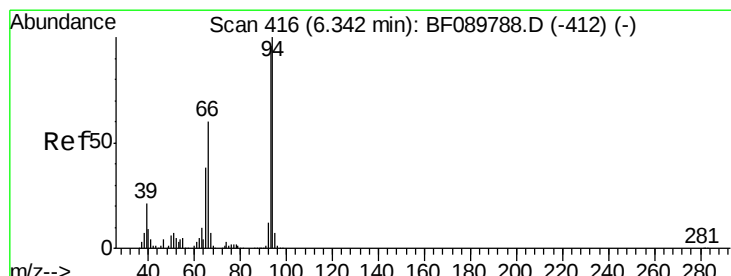
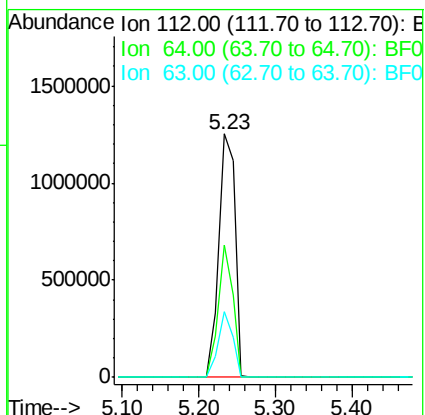
Tgt Ion:112 Resp: 1866852

Ion Ratio Lower Upper

112 100

64 54.5 45.0 67.4

63 27.1 23.1 34.7



#6

Aniline

Concen: 21.42 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

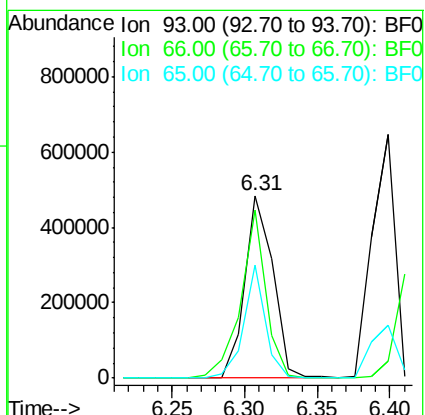
Tgt Ion: 93 Resp: 651940

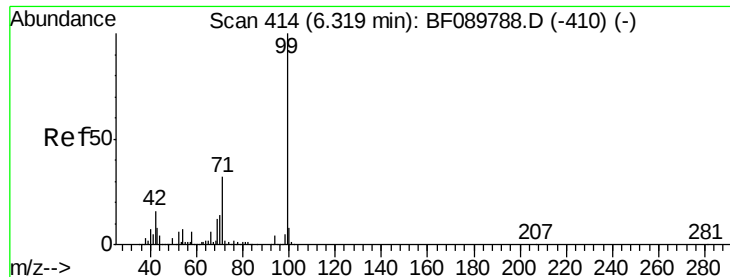
Ion Ratio Lower Upper

93 100

66 92.5 30.6 46.0#

65 62.2 15.4 23.2#





#7

Phenol-d6

Concen: 92.90 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

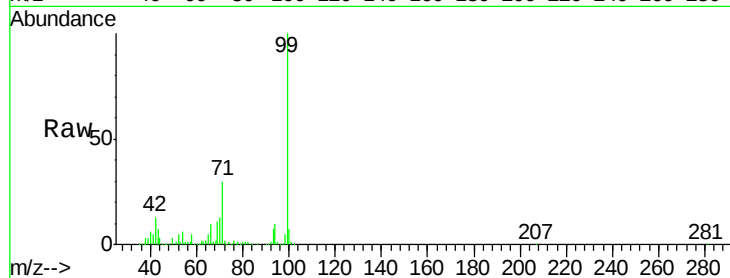
BNA_F

ClientSampleId :

PB93109BS

Tgt Ion: 99 Resp: 2107690

Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.2	18.4
71	29.9	23.8	35.8

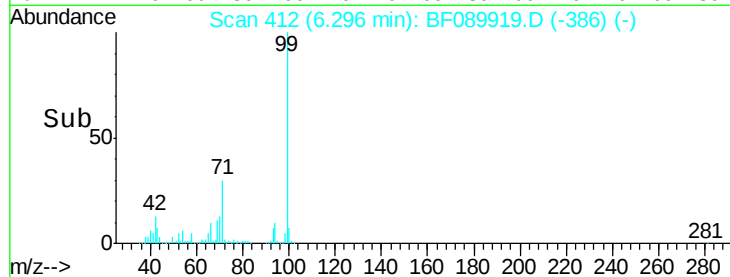


Abundance

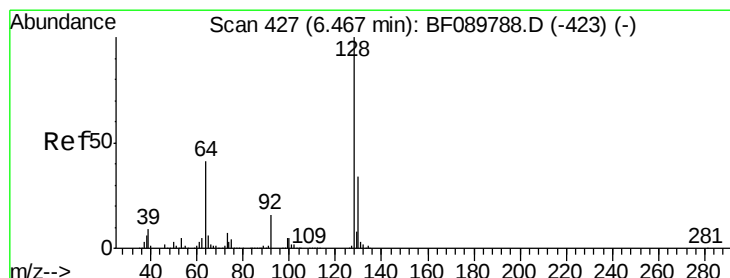
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 33.33 ng

RT: 6.43 min Scan# 424

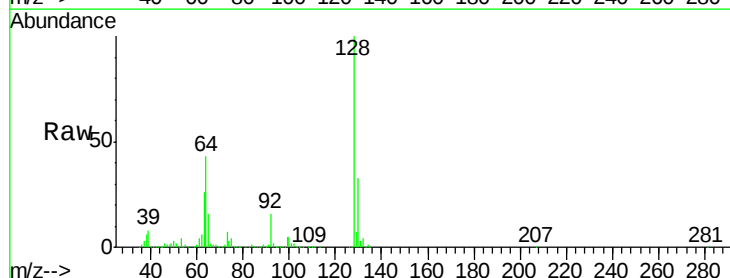
Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Tgt Ion: 128 Resp: 736639

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.0	52.0
64	42.8	35.1	75.1

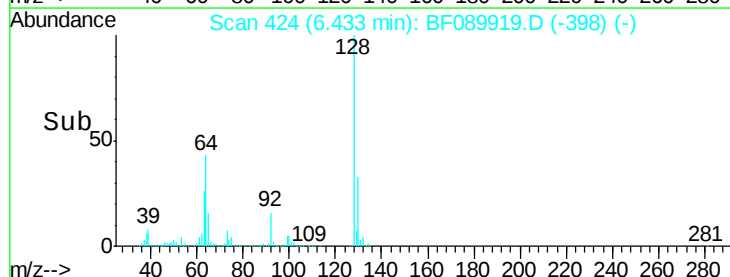


Abundance

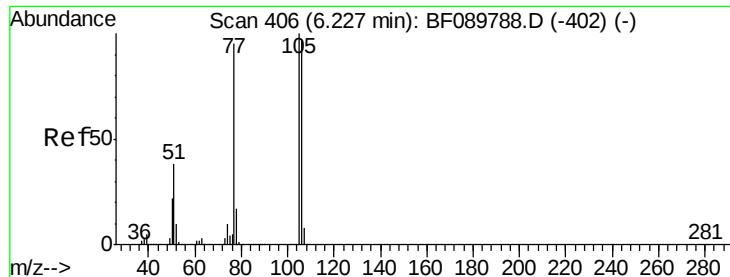
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 9.22 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

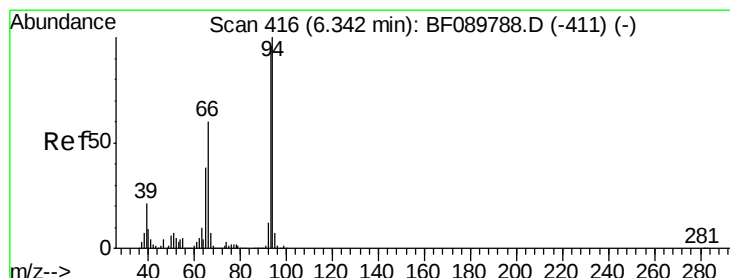
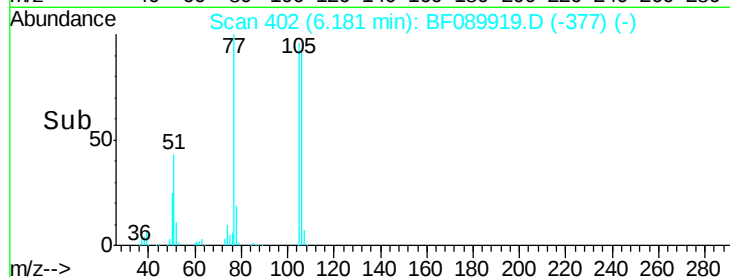
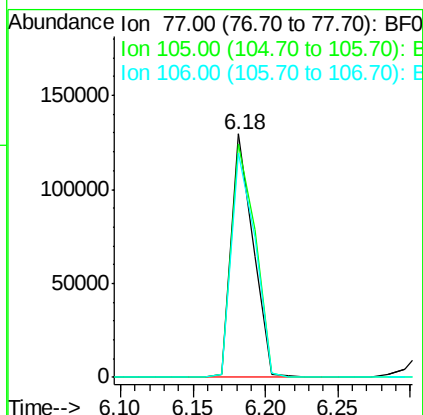
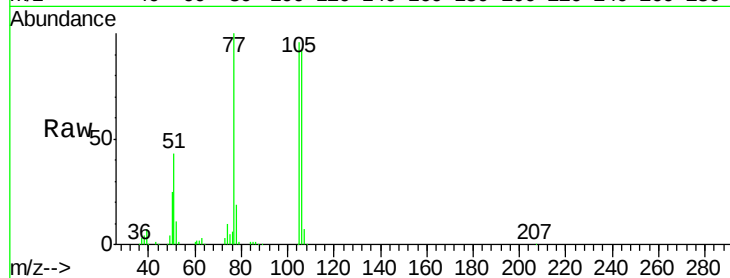
Tgt Ion: 77 Resp: 136235

Ion Ratio Lower Upper

77 100

105 96.1 73.3 113.3

106 92.4 68.6 108.6



#10

Phenol

Concen: 29.19 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

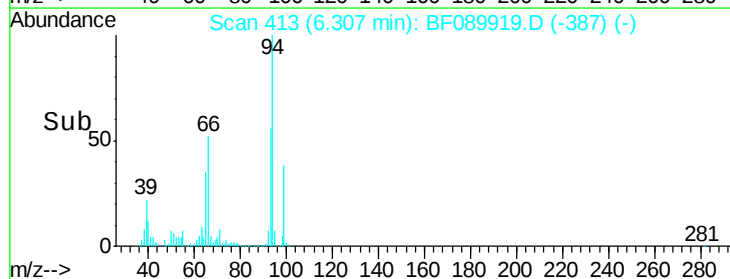
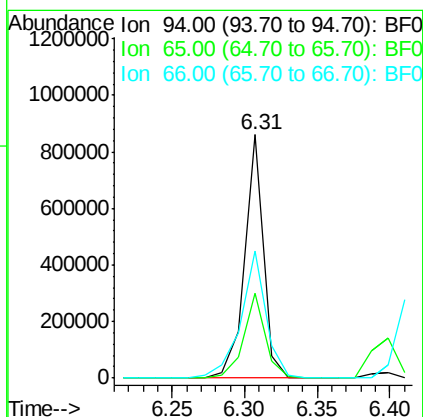
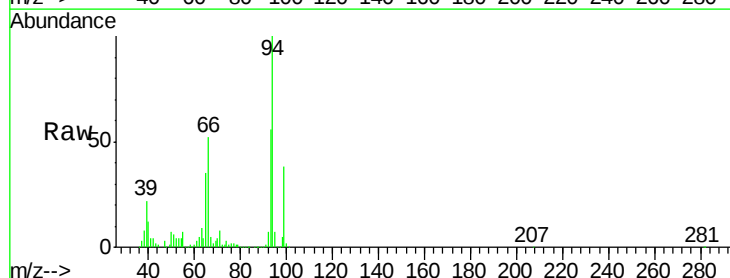
Tgt Ion: 94 Resp: 776185

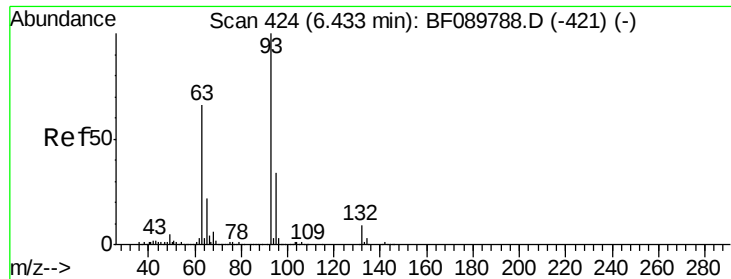
Ion Ratio Lower Upper

94 100

65 34.9 14.0 54.0

66 52.0 31.2 71.2

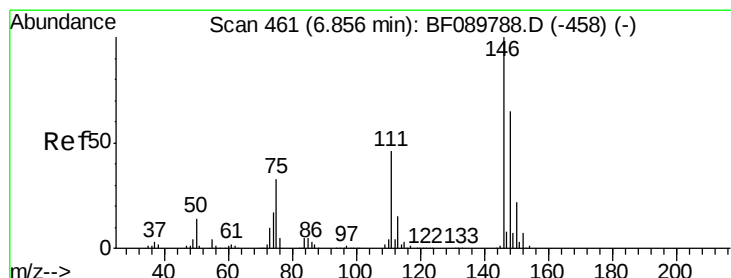
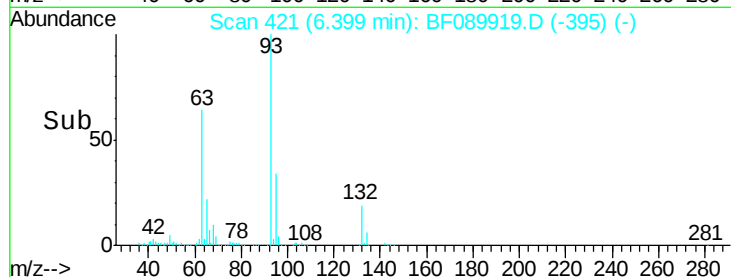
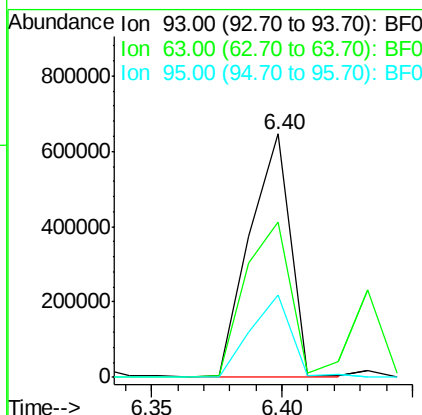
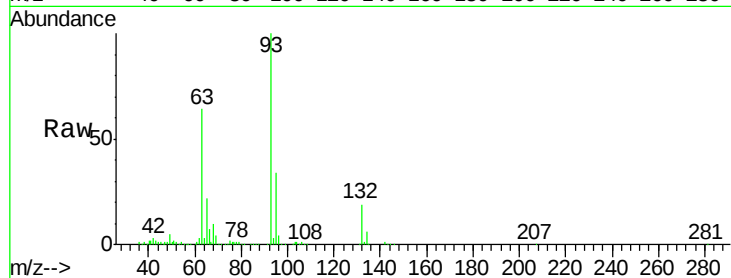




#11
bis(2-Chloroethyl)ether
Concen: 34.04 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

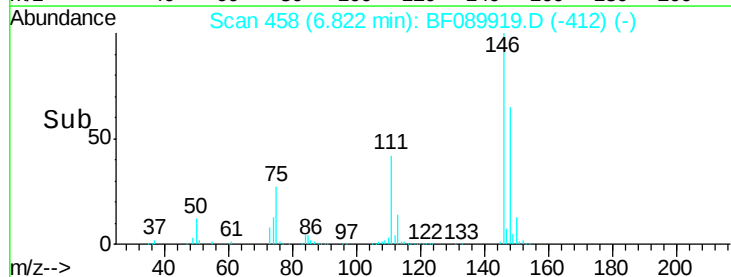
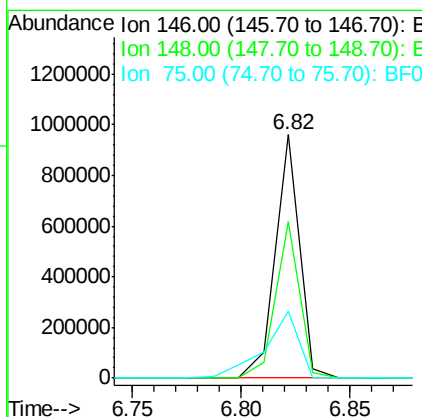
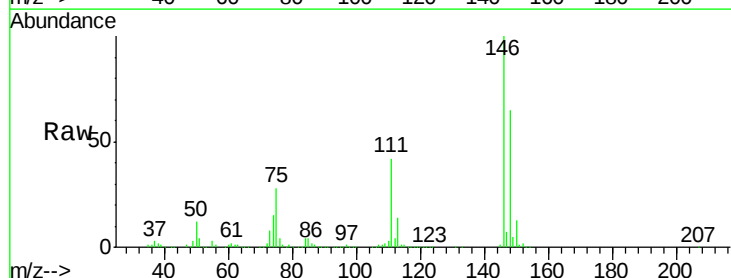
Instrument :
BNA_F
ClientSampleId :
PB93109BS

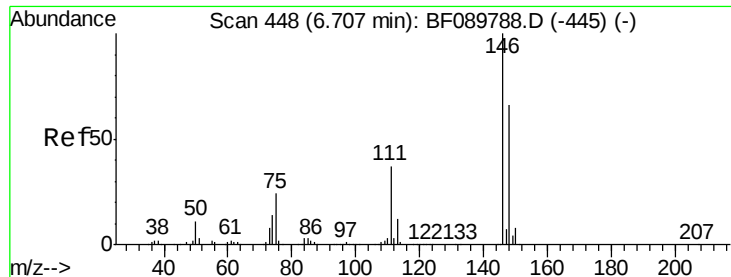
Tgt Ion: 93 Resp: 701933
Ion Ratio Lower Upper
93 100
63 64.0 55.8 95.8
95 33.8 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 32.62 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.23 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion: 146 Resp: 753681
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 27.6 27.0 40.6

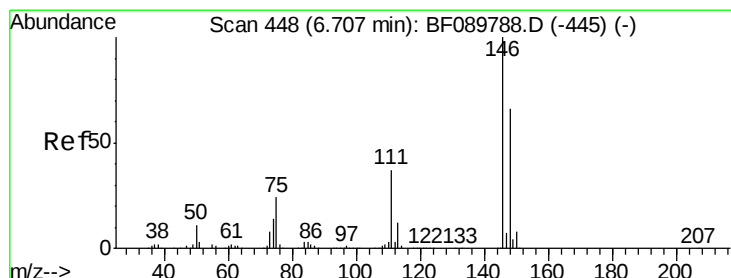
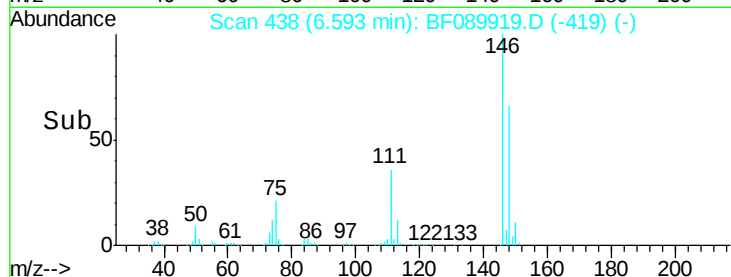
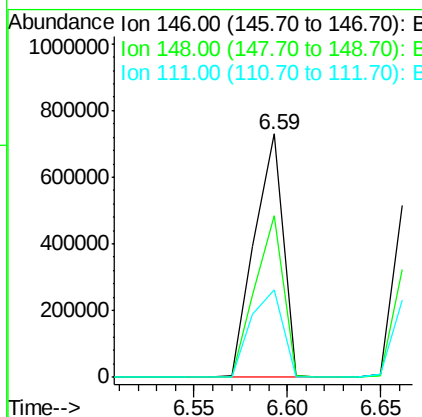
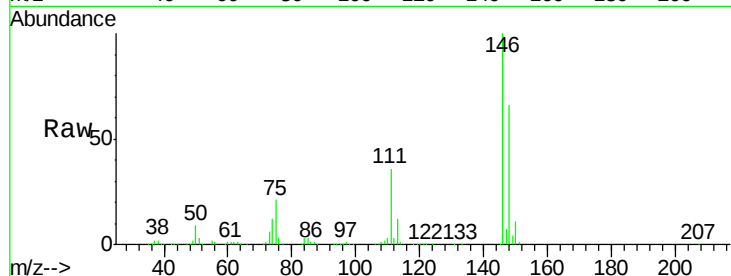




#13
 1,4-Dichlorobenzene
 Concen: 32.72 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.08 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

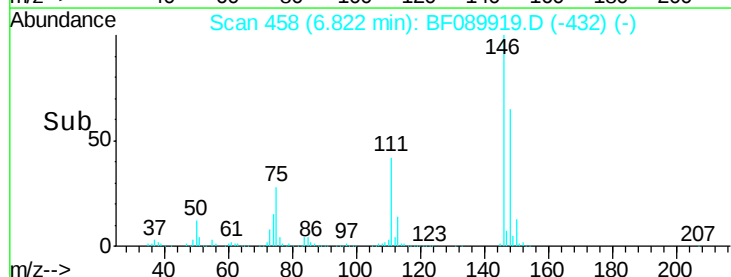
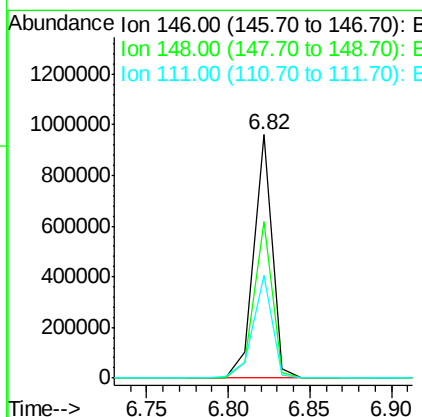
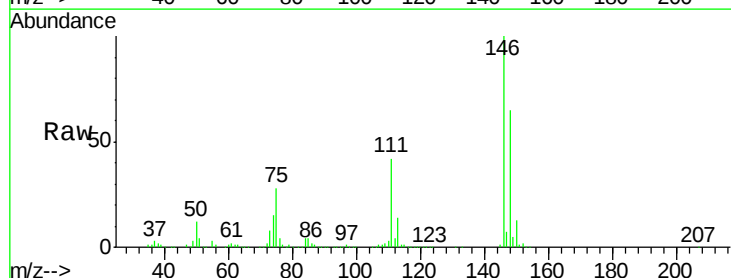
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

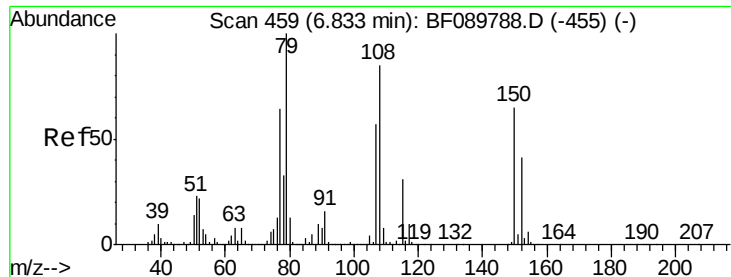
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	51.0	76.6
111	35.9	34.6	52.0



#14
 1,2-Dichlorobenzene
 Concen: 34.00 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	42.1	29.8	44.6





#15

Benzyl Alcohol

Concen: 31.97 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

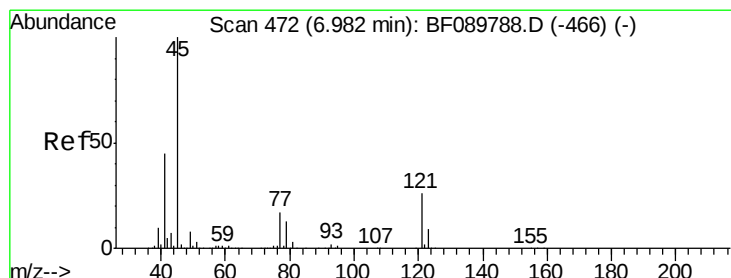
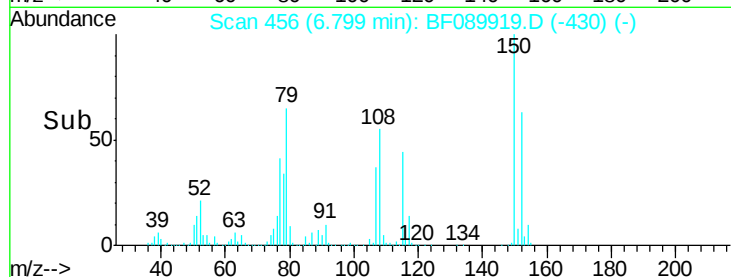
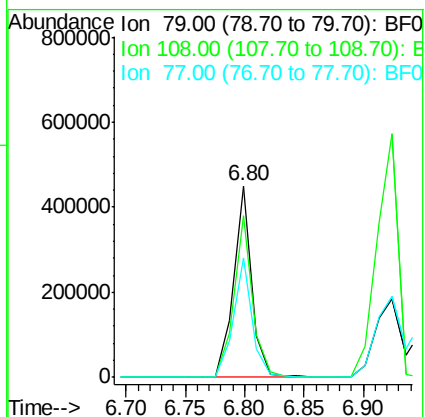
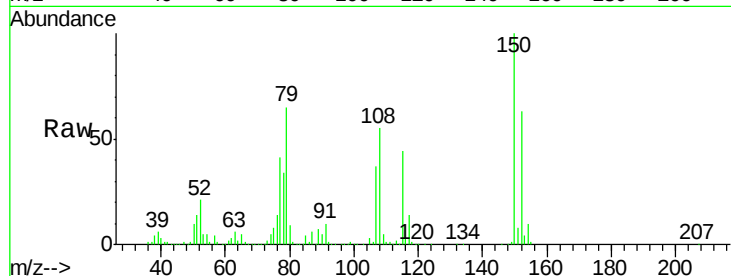
Tgt Ion: 79 Resp: 481060

Ion Ratio Lower Upper

79 100

108 84.3 62.5 93.7

77 62.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.18 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

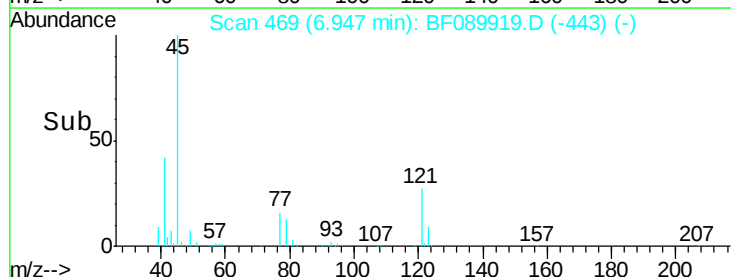
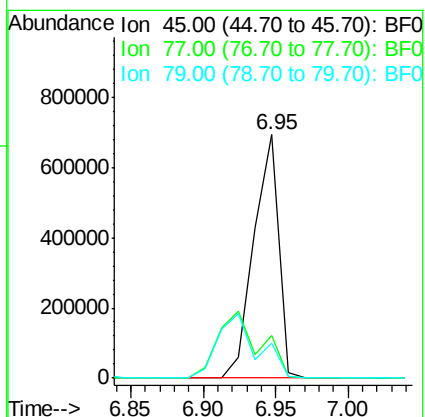
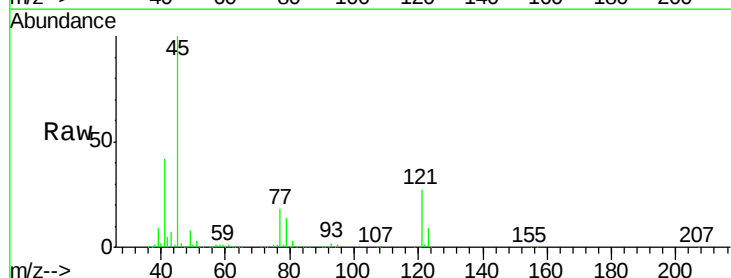
Tgt Ion: 45 Resp: 822873

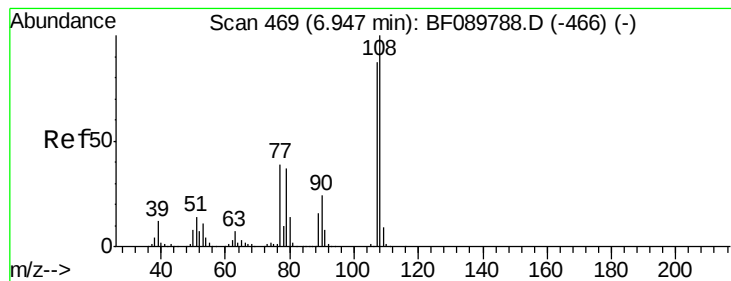
Ion Ratio Lower Upper

45 100

77 17.5 0.0 33.5

79 14.1 0.0 30.7





#17

2-Methylphenol

Concen: 35.30 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

Tgt Ion:107 Resp: 611000

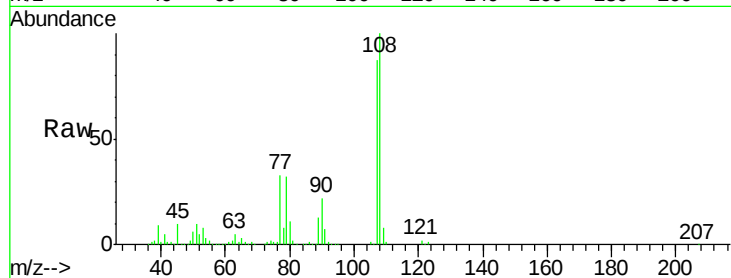
Ion Ratio Lower Upper

107 100

108 114.5 91.0 136.4

77 38.0 37.4 56.0

79 36.7 36.6 55.0

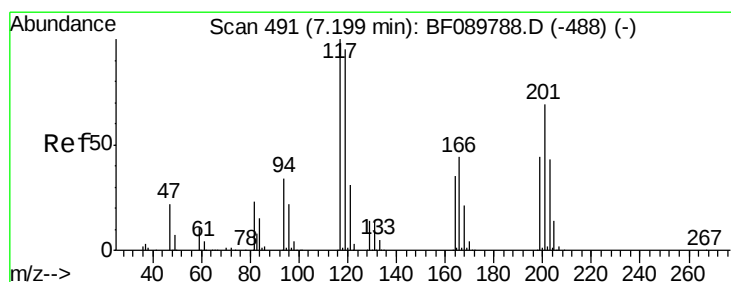
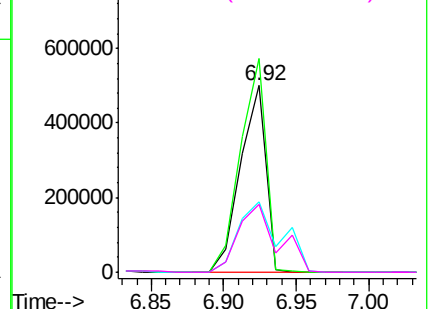
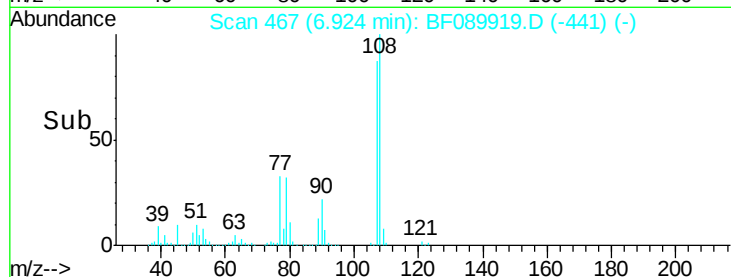


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.86 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

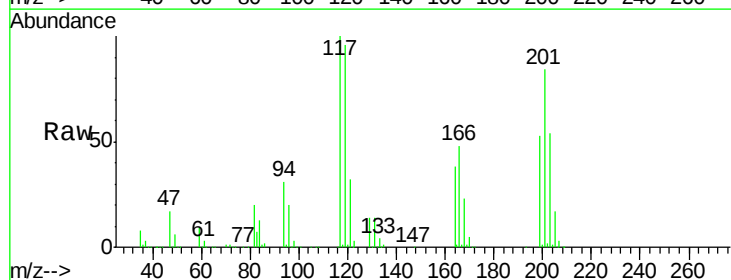
Tgt Ion:117 Resp: 278326

Ion Ratio Lower Upper

117 100

119 96.2 77.1 115.7

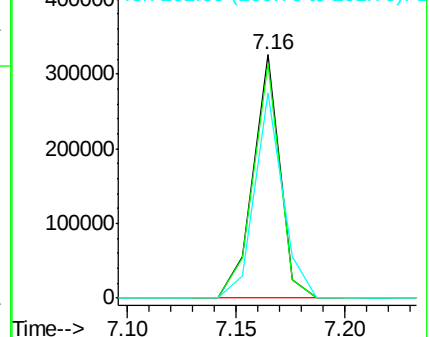
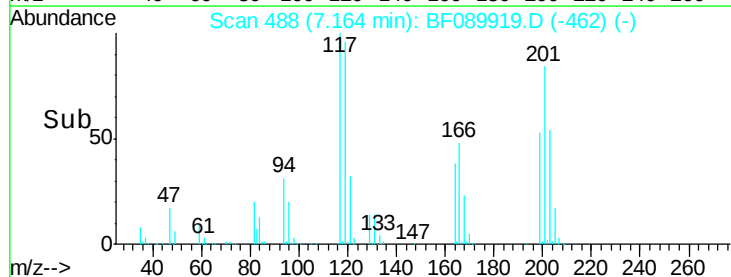
201 84.2 76.9 115.3



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

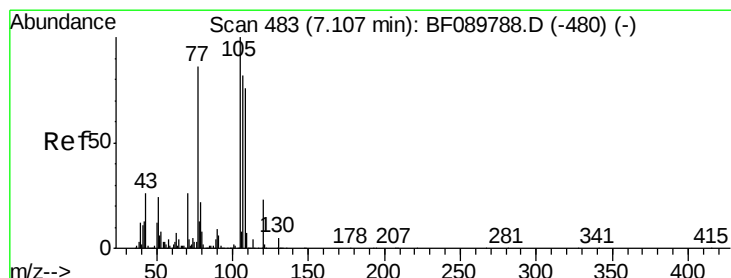
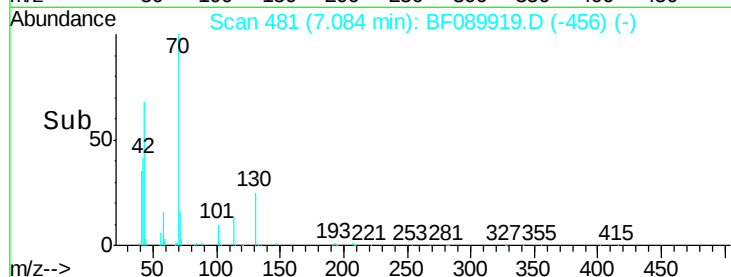
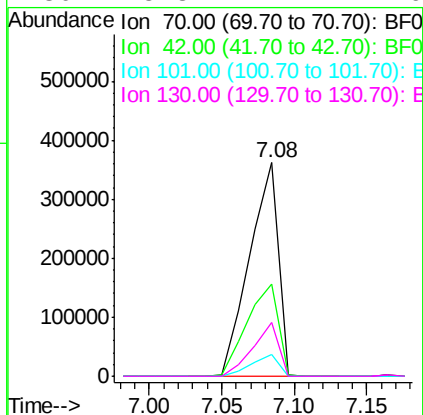
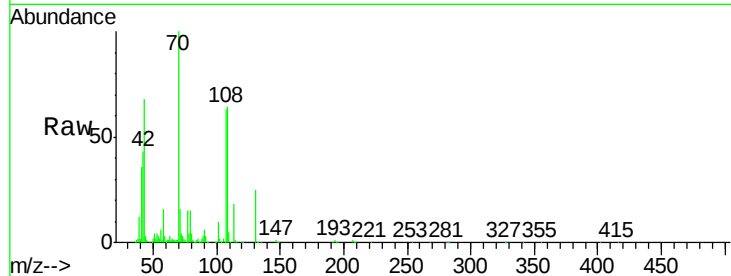




#19
n-Nitroso-di-n-propylamine
Concen: 34.42 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

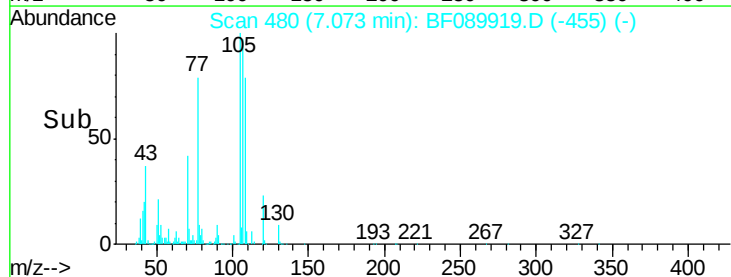
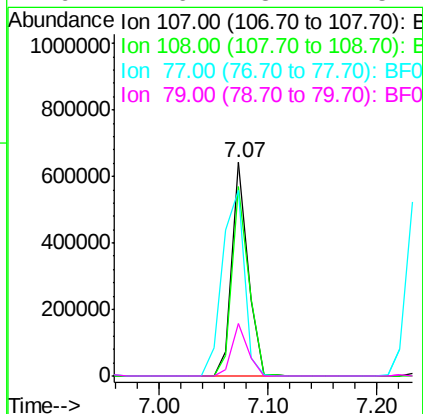
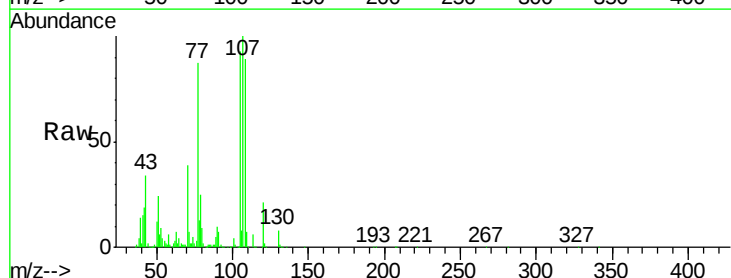
Instrument :
BNA_F
ClientSampleId :
PB93109BS

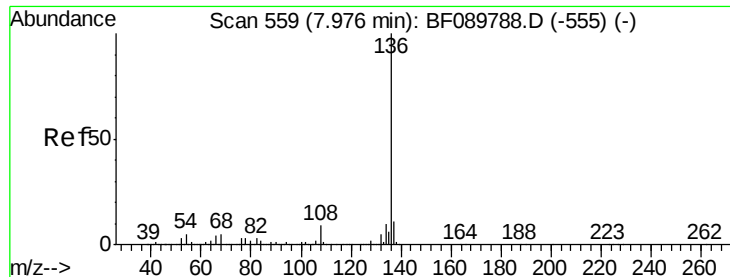
Tgt Ion: 70 Resp: 499412
Ion Ratio Lower Upper
70 100
42 43.3 46.3 69.5#
101 10.4 7.0 10.6
130 25.3 14.4 21.6#



#20
3+4-Methylphenols
Concen: 30.88 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion: 107 Resp: 655430
Ion Ratio Lower Upper
107 100
108 88.9 68.2 108.2
77 86.8 122.3 162.3#
79 24.6 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

Tgt Ion:136 Resp: 1275329

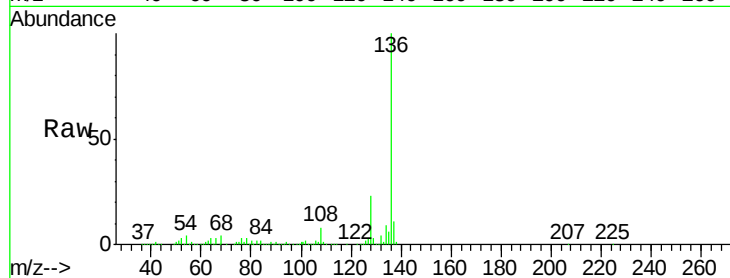
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 4.4 7.2 10.8#

68 4.2 5.8 8.8#

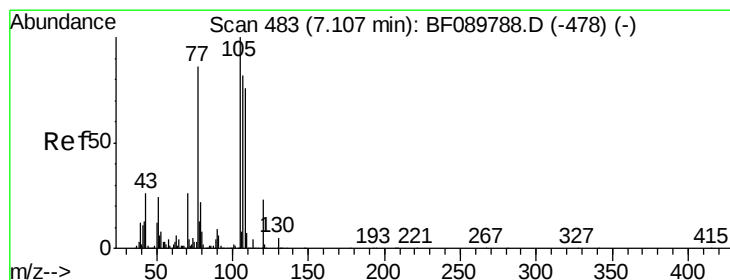
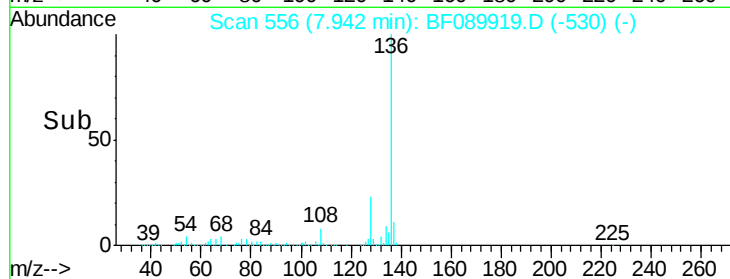
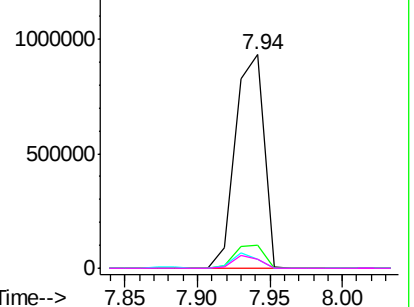


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 29.81 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Tgt Ion:105 Resp: 873062

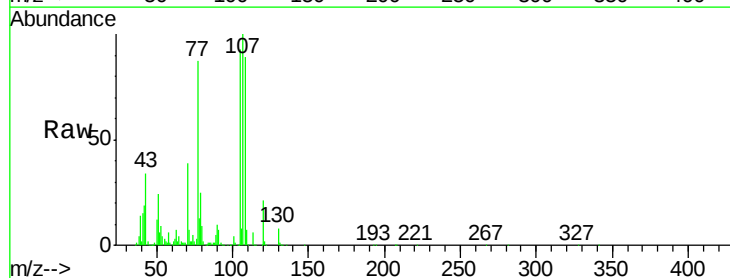
Ion Ratio Lower Upper

105 100

71 7.2 1.9 2.9#

51 25.8 28.5 42.7#

120 22.6 16.6 25.0

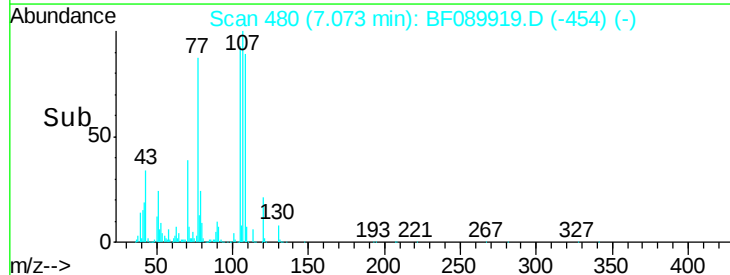
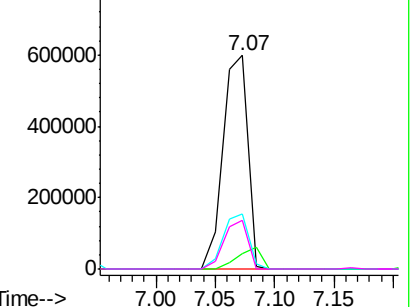


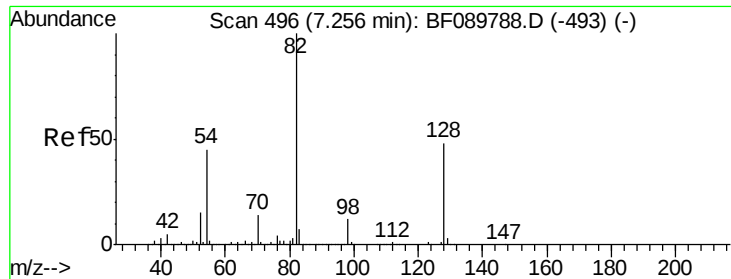
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

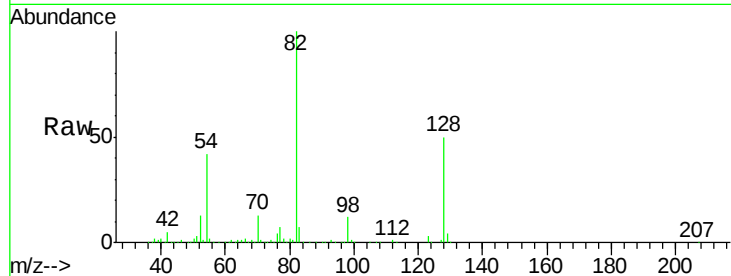




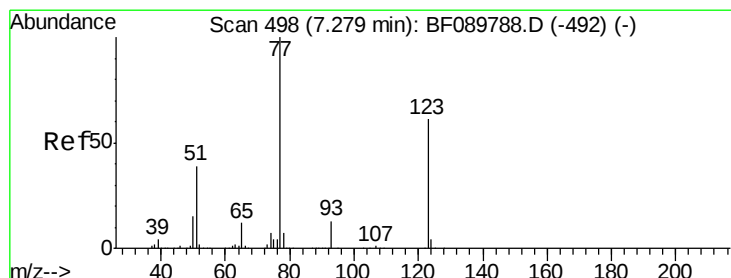
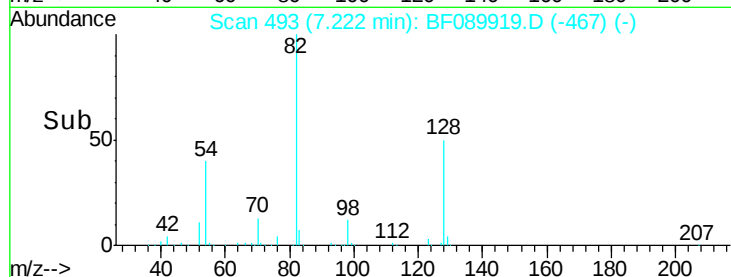
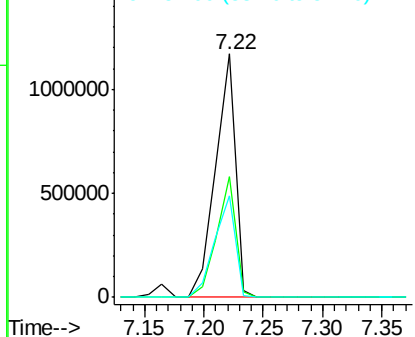
#23
Nitrobenzene-d5
Concen: 65.58 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tgt Ion: 82 Resp: 1346283
Ion Ratio Lower Upper
82 100
128 49.8 34.4 51.6
54 41.7 40.3 60.5

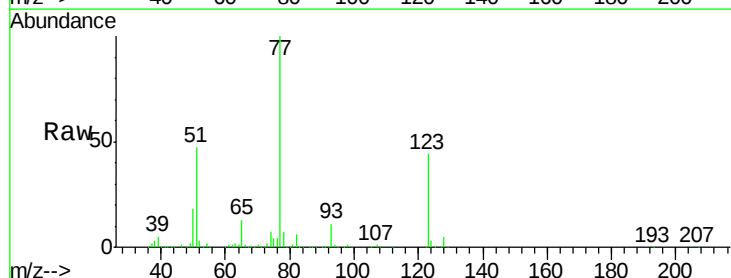


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

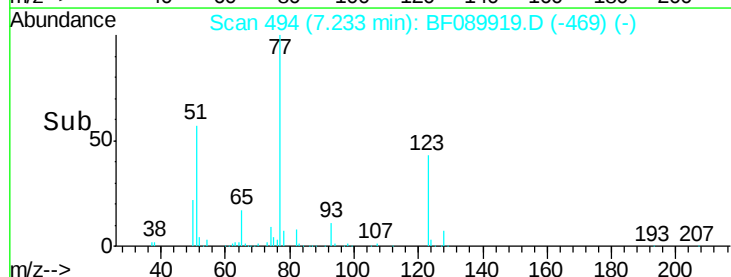
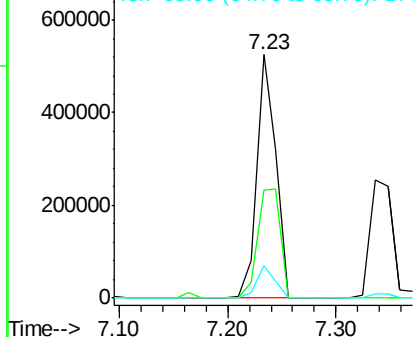


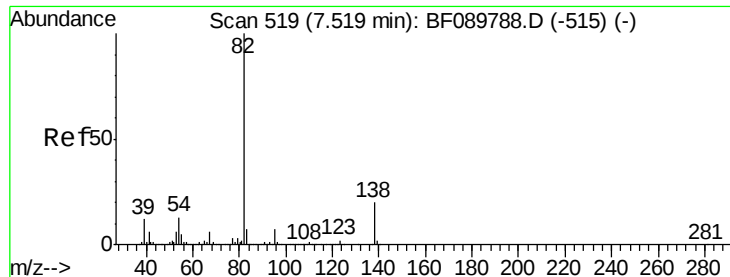
#24
Nitrobenzene
Concen: 27.78 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion: 77 Resp: 639755
Ion Ratio Lower Upper
77 100
123 44.4 36.2 54.2
65 13.1 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 32.16 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

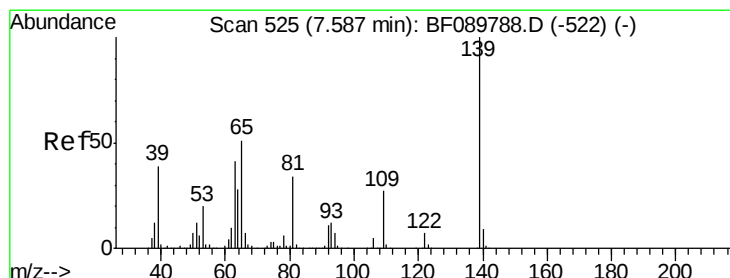
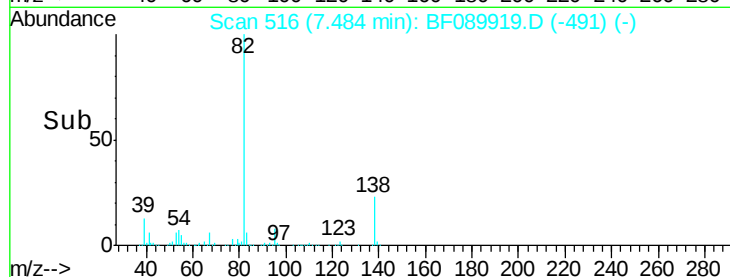
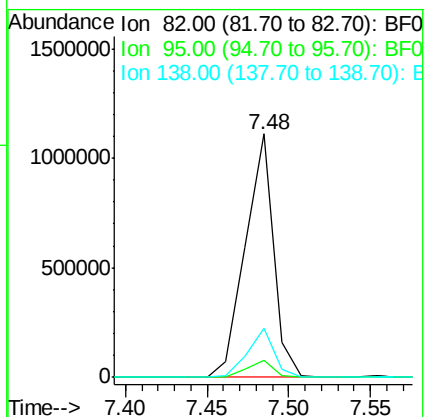
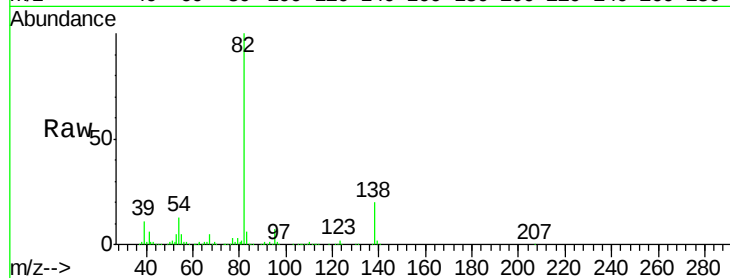
Tgt Ion: 82 Resp: 1331591

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 20.3 13.0 19.4#



#26

2-Nitrophenol

Concen: 30.87 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

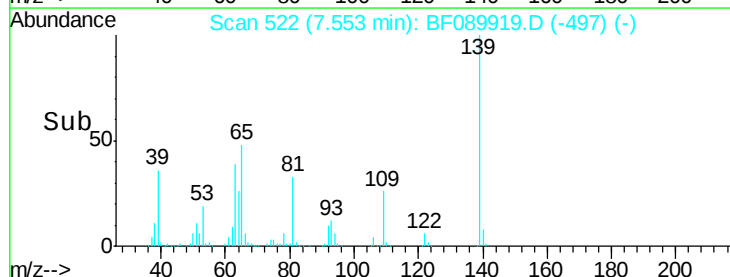
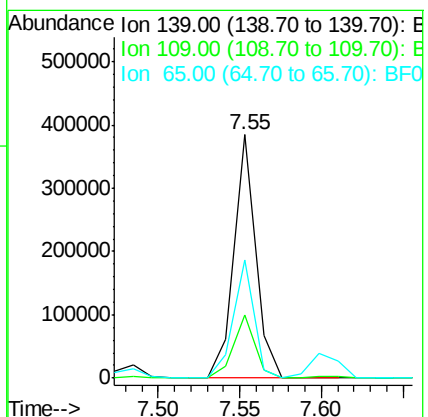
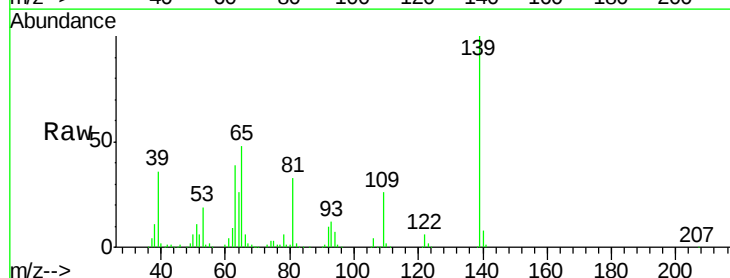
Tgt Ion: 139 Resp: 354679

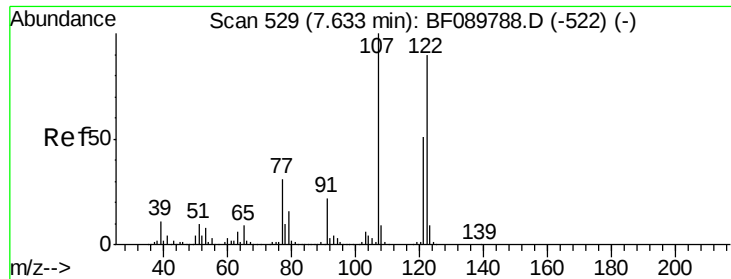
Ion Ratio Lower Upper

139 100

109 26.2 19.5 29.3

65 48.4 26.5 39.7#

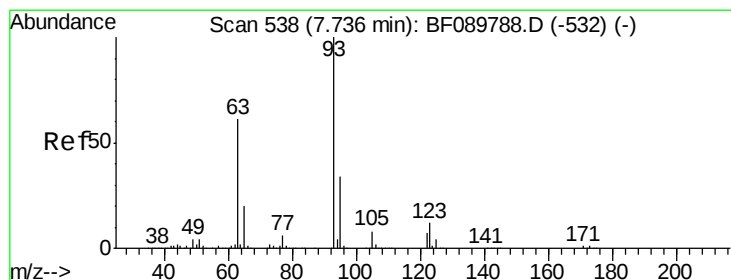
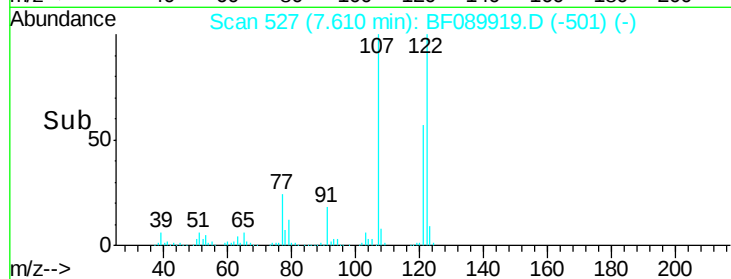
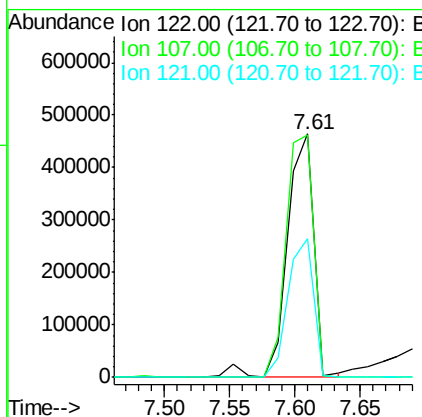
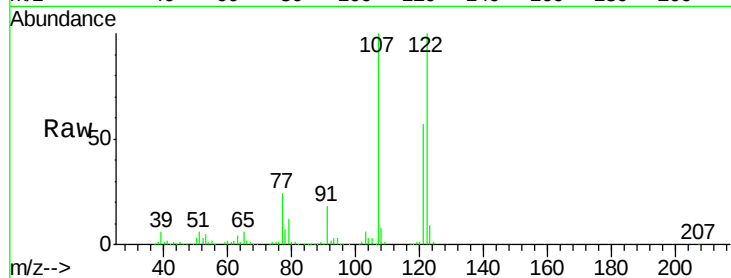




#27
 2,4-Dimethylphenol
 Concen: 32.13 ng
 RT: 7.61 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

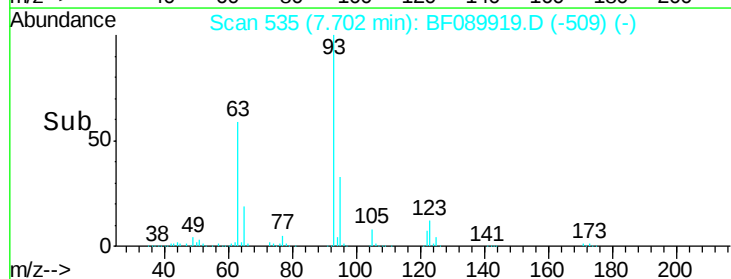
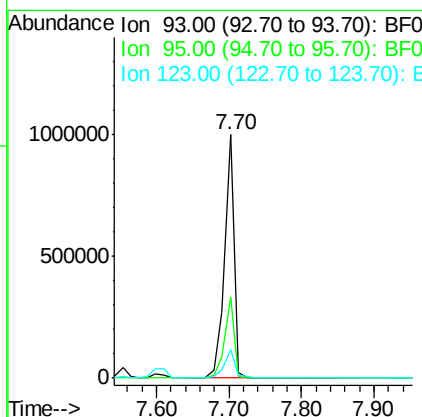
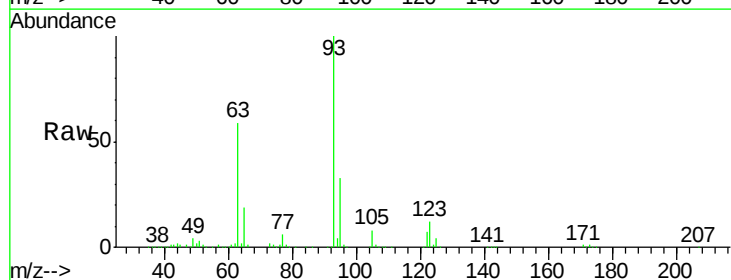
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

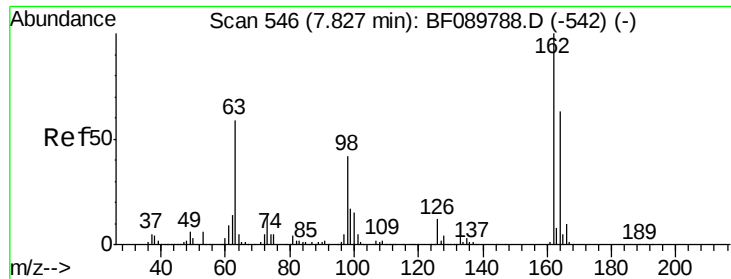
Tgt Ion:122 Resp: 665415
 Ion Ratio Lower Upper
 122 100
 107 99.8 84.8 127.2
 121 56.8 47.0 70.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.50 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion: 93 Resp: 909411
 Ion Ratio Lower Upper
 93 100
 95 33.3 25.5 38.3
 123 11.9 8.5 12.7

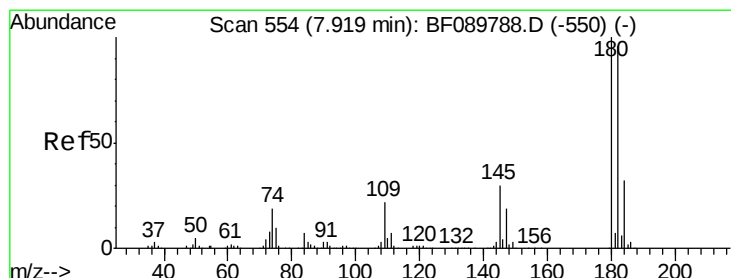
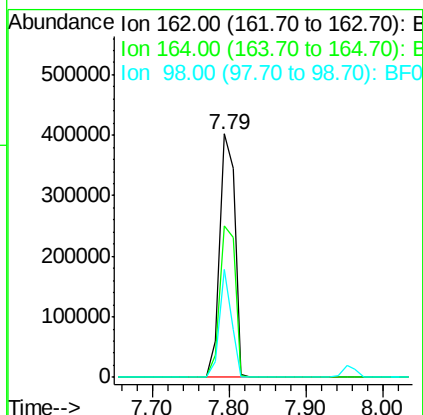
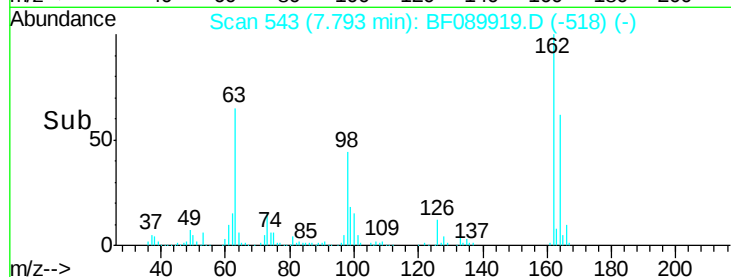
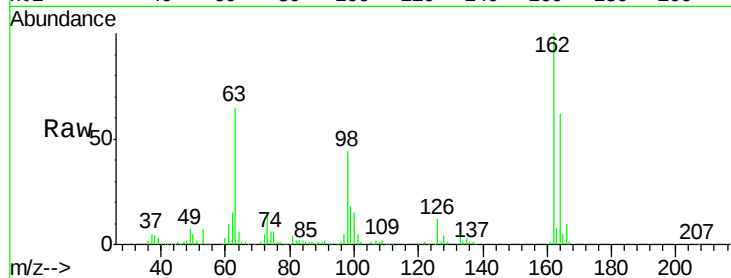




#29
2,4-Dichlorophenol
Concen: 32.41 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

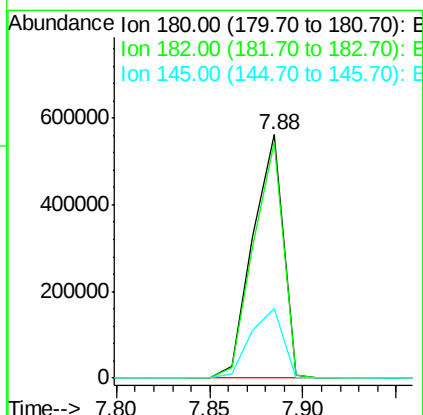
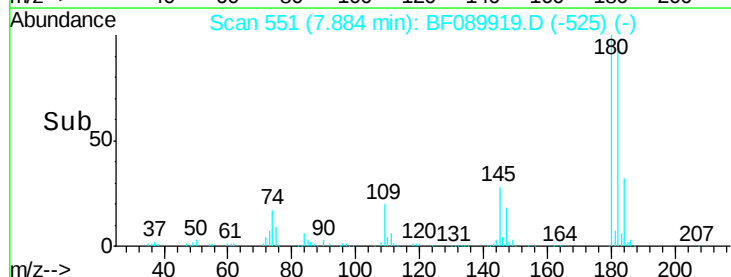
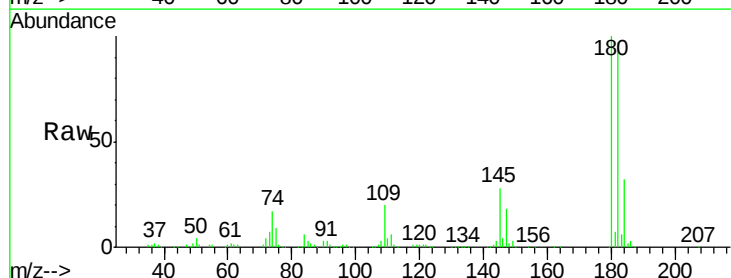
Instrument :
BNA_F
ClientSampleId :
PB93109BS

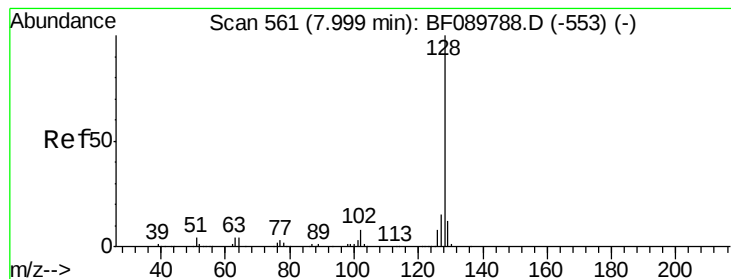
Tgt Ion:162 Resp: 563170
Ion Ratio Lower Upper
162 100
164 62.1 45.5 85.5
98 44.4 12.4 52.4



#30
1,2,4-Trichlorobenzene
Concen: 32.95 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:180 Resp: 633292
Ion Ratio Lower Upper
180 100
182 96.7 75.5 113.3
145 28.5 28.7 43.1#





#31

Naphthalene

Concen: 32.62 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

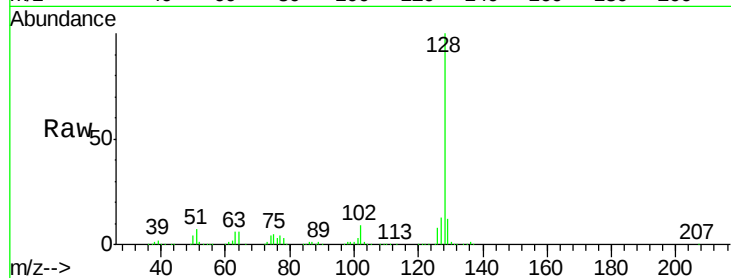
Tgt Ion:128 Resp: 1944104

Ion Ratio Lower Upper

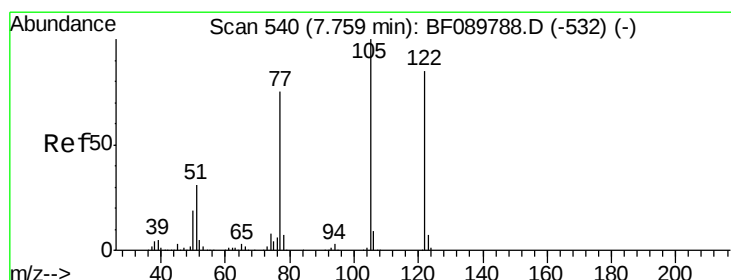
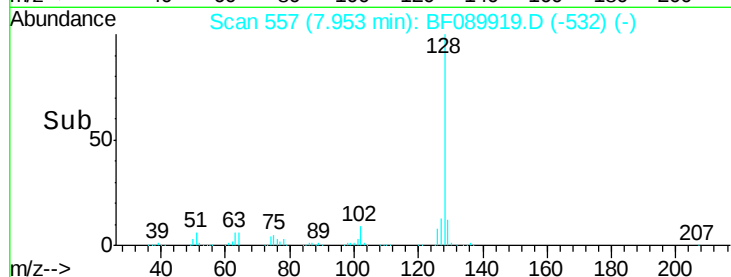
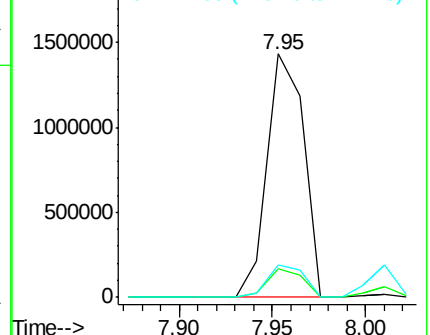
128 100

129 11.8 9.5 14.3

127 13.4 11.3 16.9



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: 20.47 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.05 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

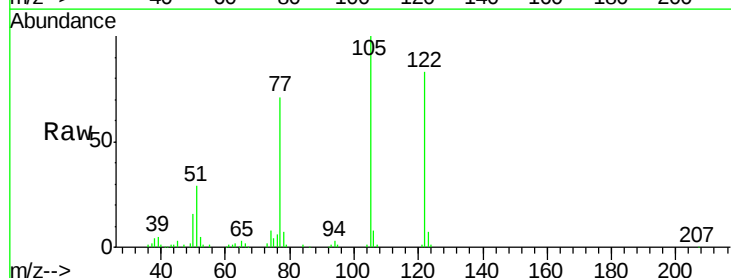
Tgt Ion:122 Resp: 330408

Ion Ratio Lower Upper

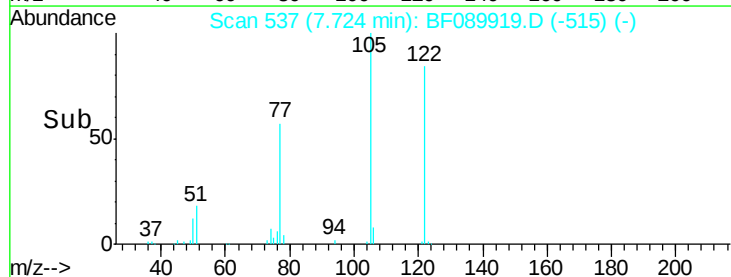
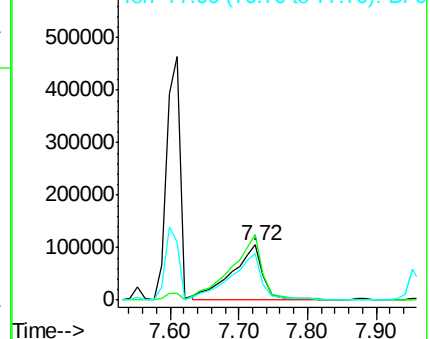
122 100

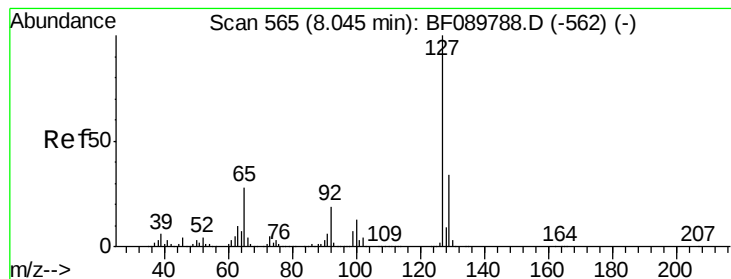
105 120.1 100.8 140.8

77 85.0 72.1 112.1



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: 8.08 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

Tgt Ion:127 Resp: 208876

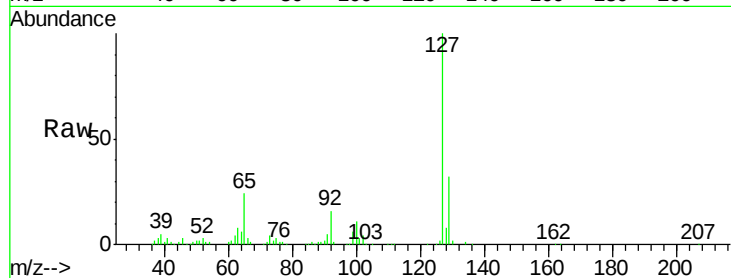
Ion Ratio Lower Upper

127 100

129 32.2 27.0 40.6

65 23.6 14.7 22.1#

92 16.0 11.7 17.5

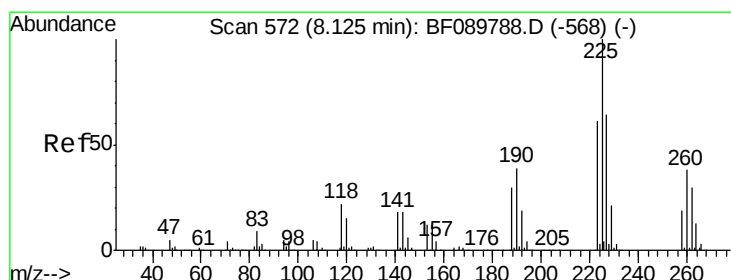
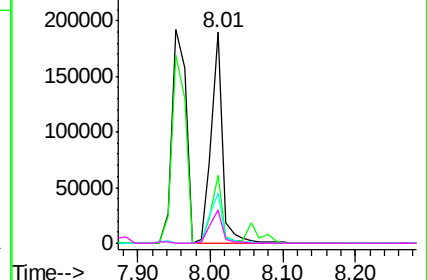
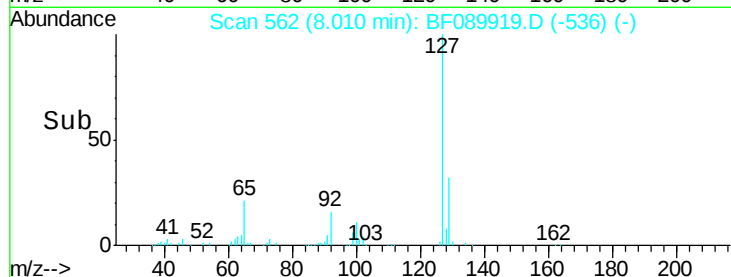


Abundance Ion 127.00 (126.70 to 127.70): E

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: 30.85 ng

RT: 8.08 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

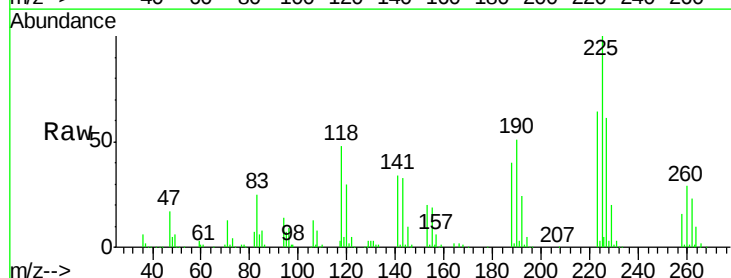
Tgt Ion:225 Resp: 310513

Ion Ratio Lower Upper

225 100

223 64.4 51.0 76.6

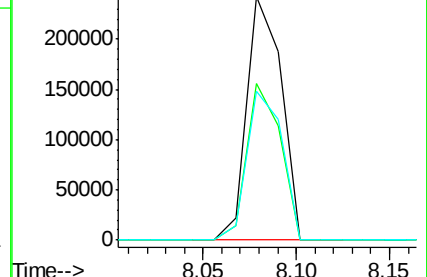
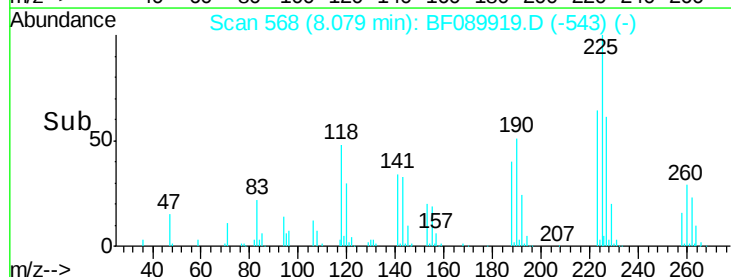
227 61.4 49.8 74.6

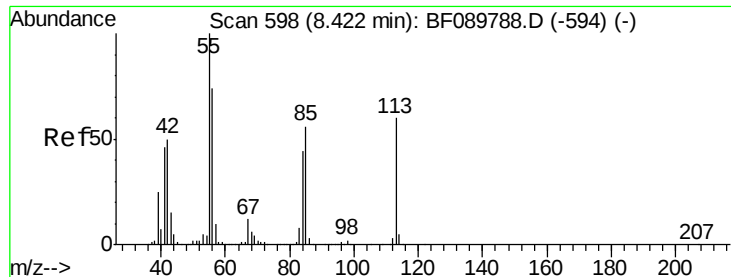


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

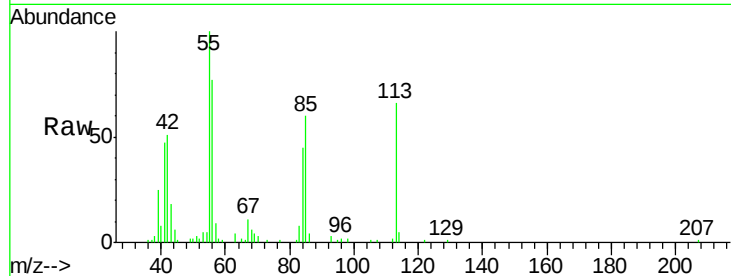




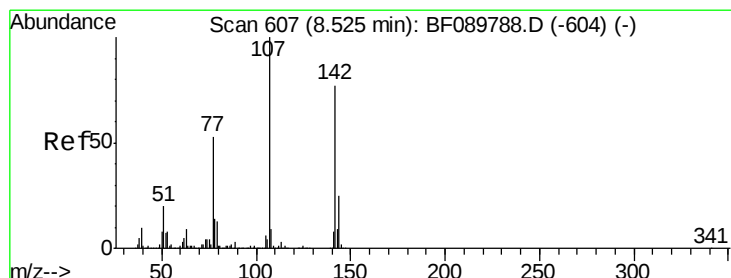
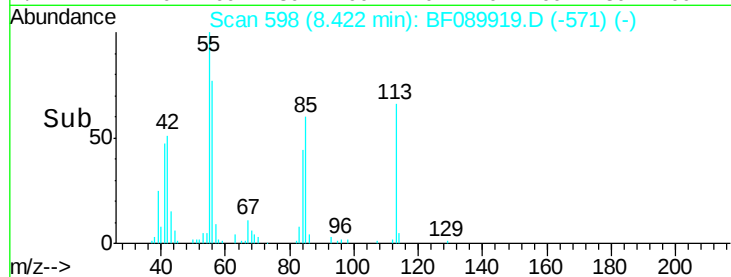
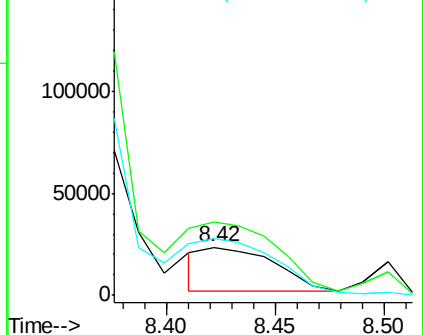
#35
 Caprolactam
 Concen: 9.18 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Tgt Ion:113 Resp: 48586
 Ion Ratio Lower Upper
 113 100
 55 151.0 135.9 175.9
 56 116.5 93.9 133.9

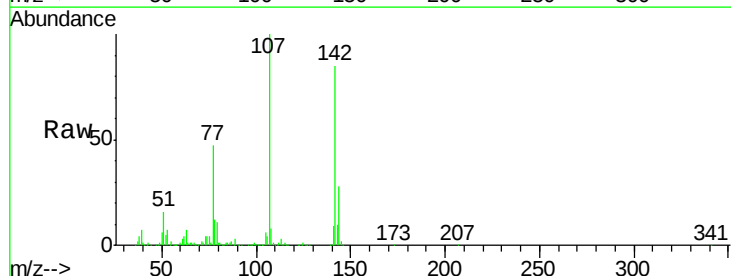


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

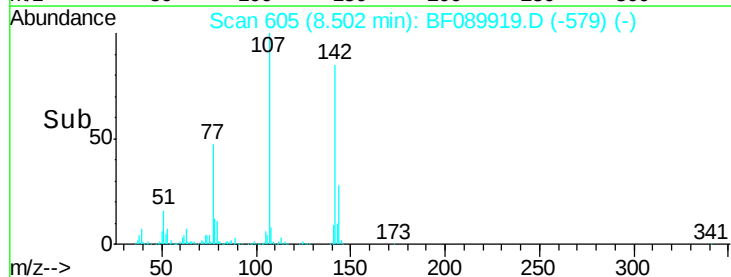
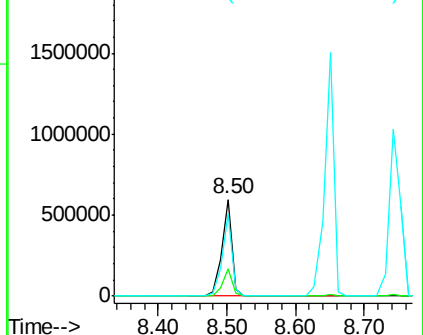


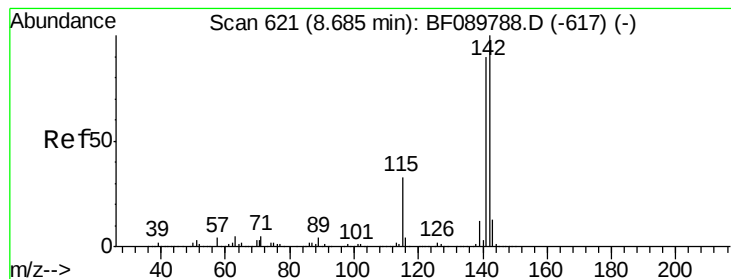
#36
 4-Chloro-3-methylphenol
 Concen: 32.80 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:107 Resp: 617239
 Ion Ratio Lower Upper
 107 100
 144 28.2 22.6 34.0
 142 85.2 69.3 103.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

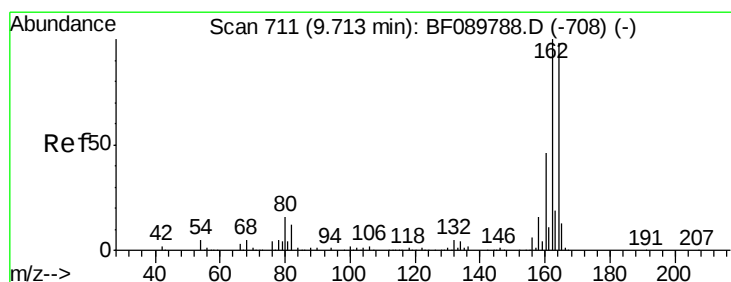
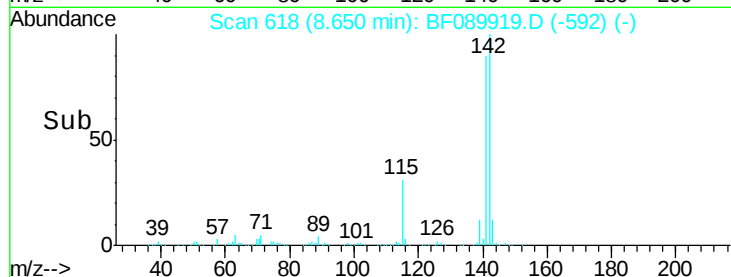
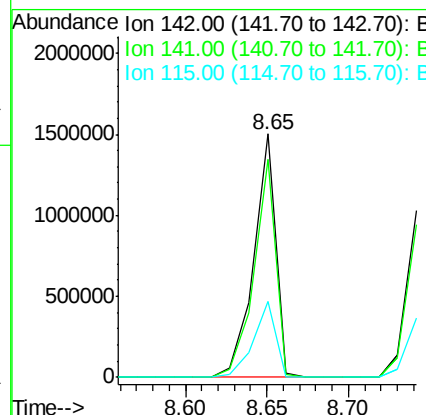
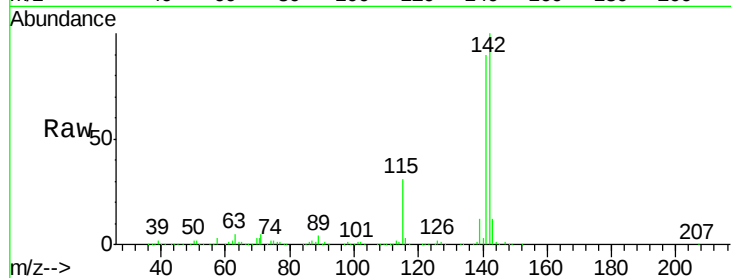




#37
 2-Methylnaphthalene
 Concen: 36.34 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

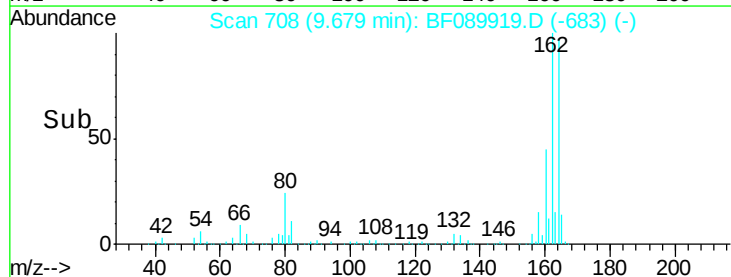
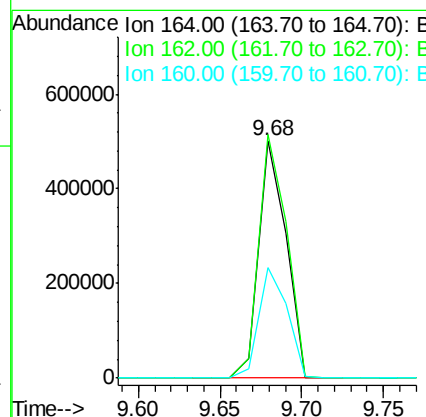
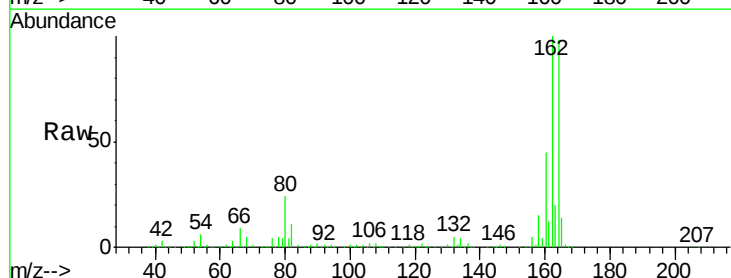
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

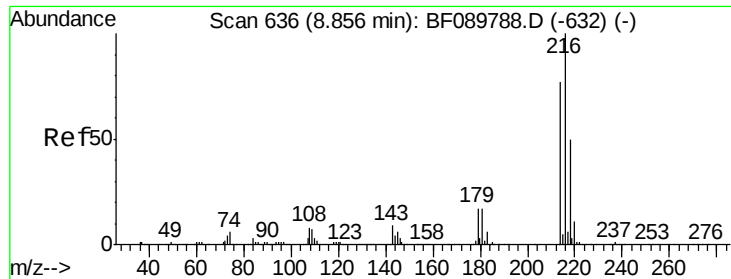
Tgt Ion:142 Resp: 1401204
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.4 107.2
 115 31.2 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:164 Resp: 584434
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.4 122.2
 160 46.6 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.83 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

Tgt Ion:216 Resp: 450924

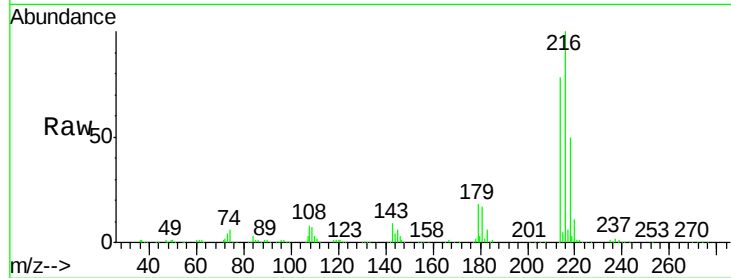
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 21.2 19.9 29.9

108 21.1 19.9 29.9

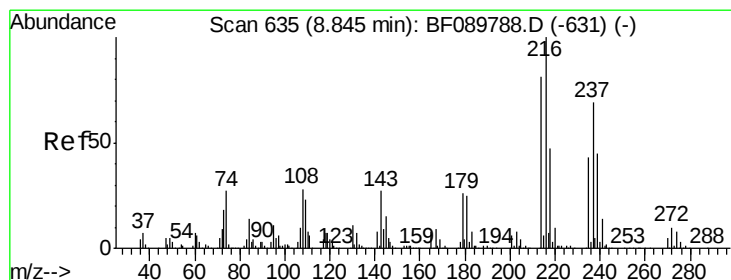
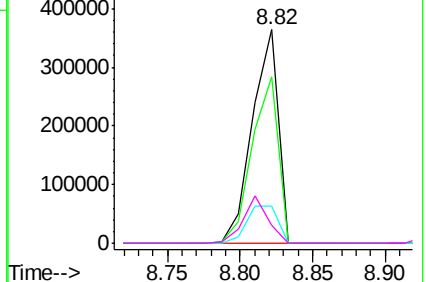
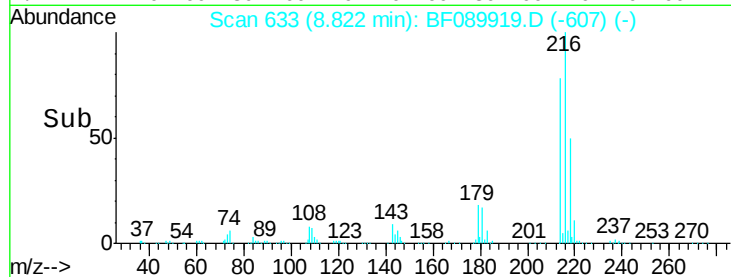


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.31 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

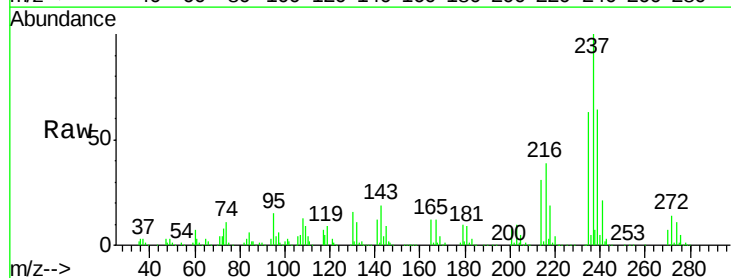
Tgt Ion:237 Resp: 606499

Ion Ratio Lower Upper

237 100

235 62.8 43.7 83.7

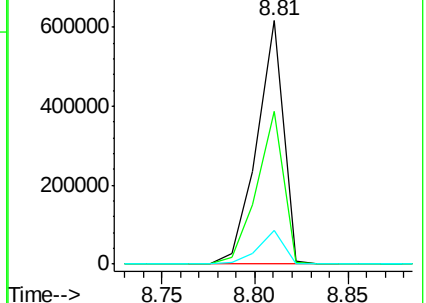
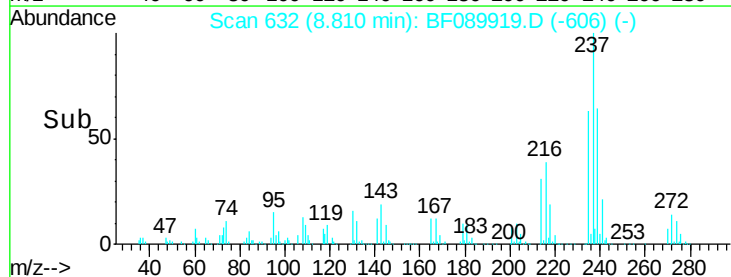
272 14.0 0.0 31.6

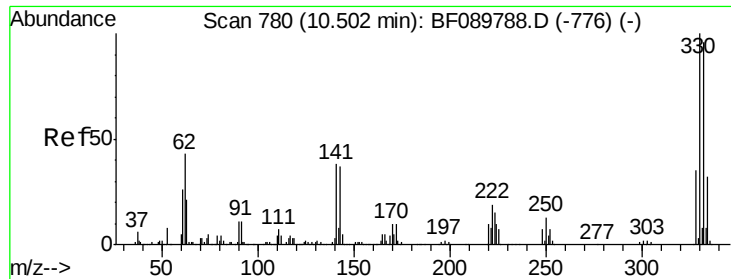


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

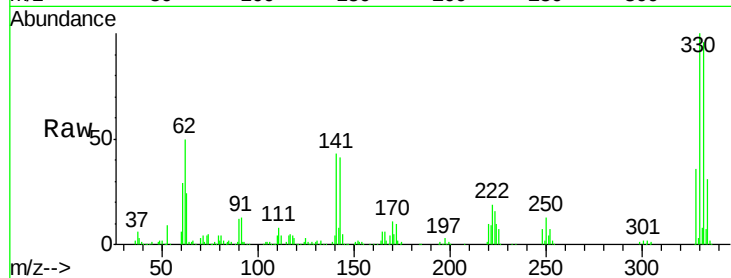




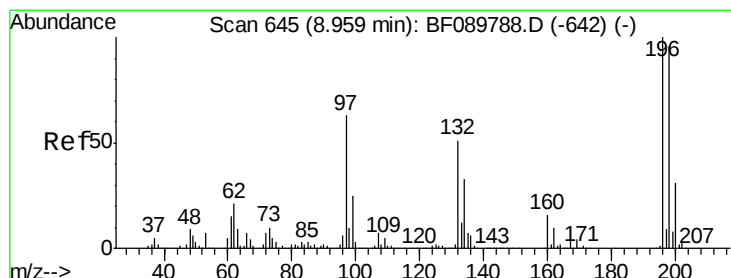
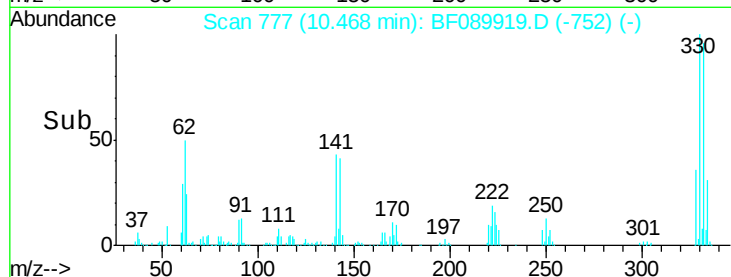
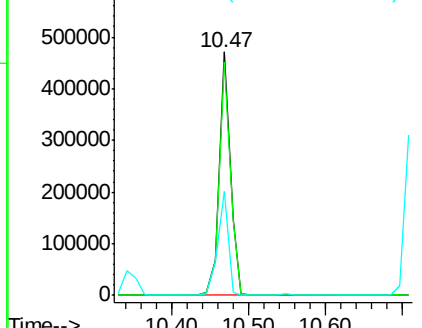
#41
 2,4,6-Tribromophenol
 Concen: 86.64 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Tgt Ion:330 Resp: 481196
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.7 115.1
 141 39.6 30.2 45.2

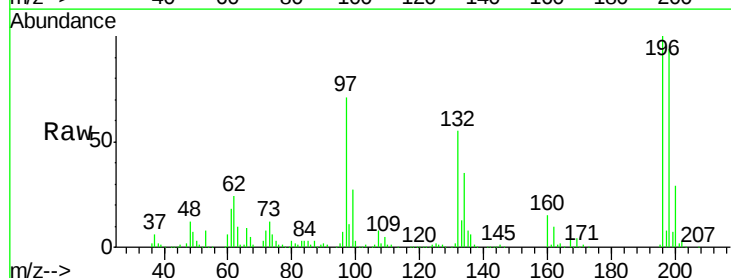


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

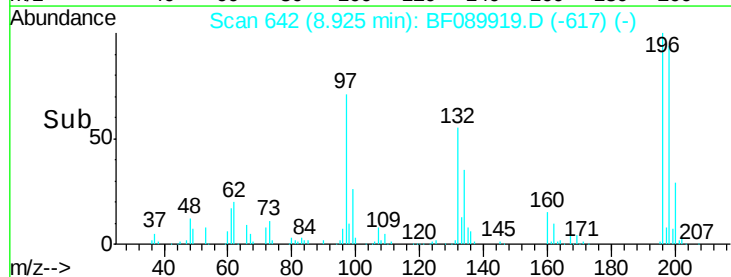
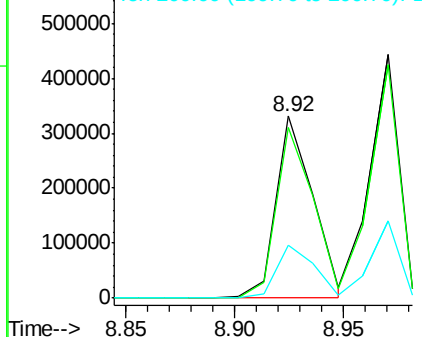


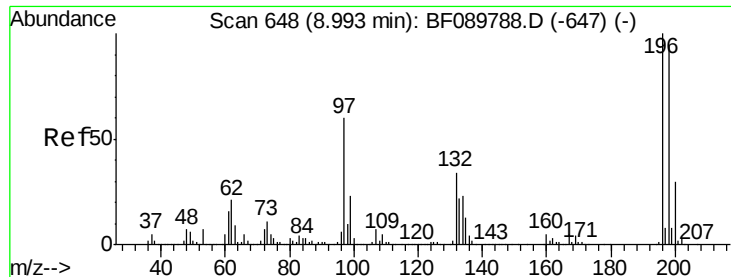
#42
 2,4,6-Trichlorophenol
 Concen: 33.06 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:196 Resp: 393566
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 29.4 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

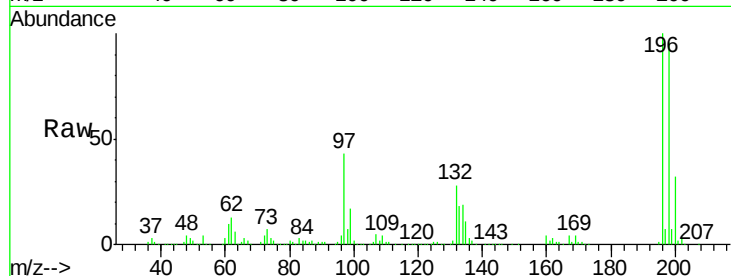




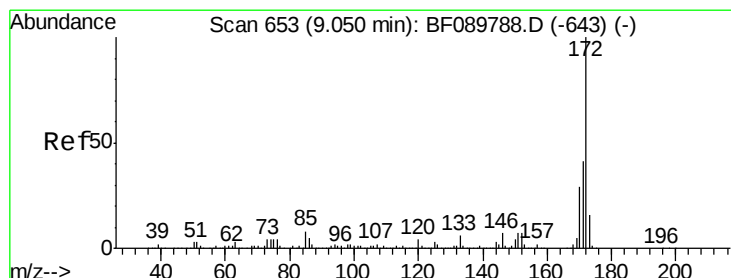
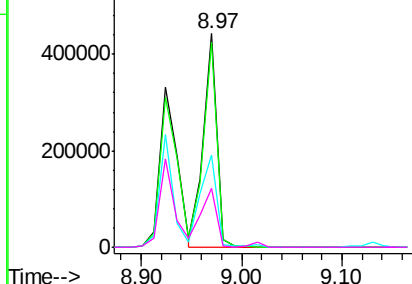
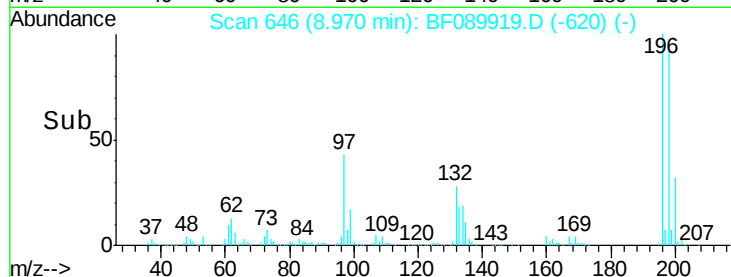
#43
 2,4,5-Trichlorophenol
 Concen: 35.25 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Tgt Ion:196 Resp: 417471
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 114.8
 97 43.2 35.8 53.8
 132 27.8 23.5 35.3

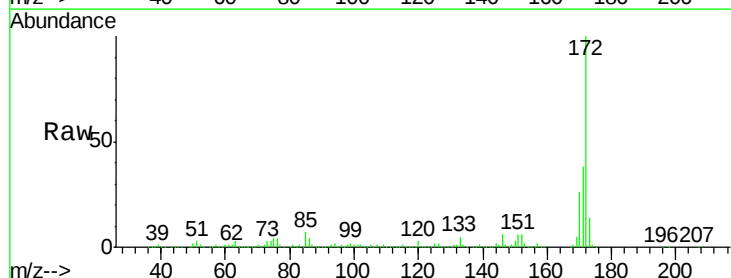


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

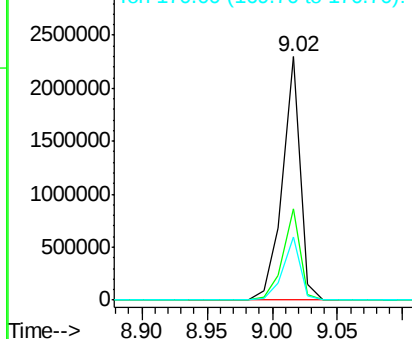
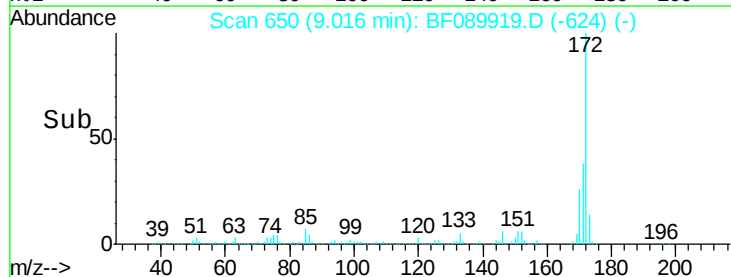


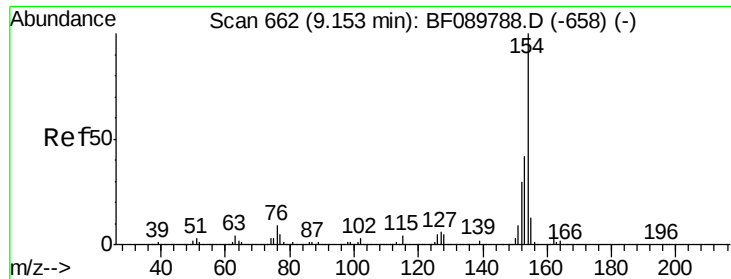
#44
 2-Fluorobiphenyl
 Concen: 66.58 ng
 RT: 9.02 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:172 Resp: 2213919
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.5 45.7
 170 25.8 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

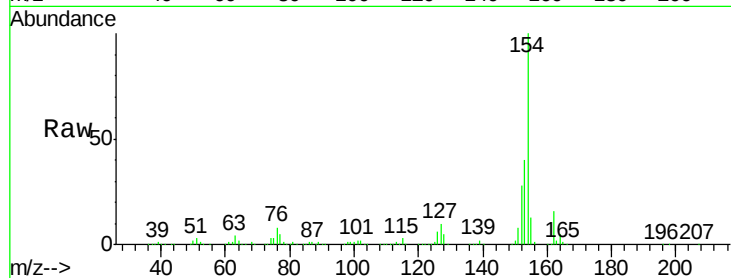




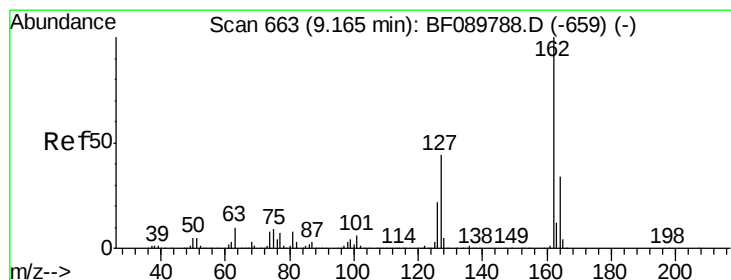
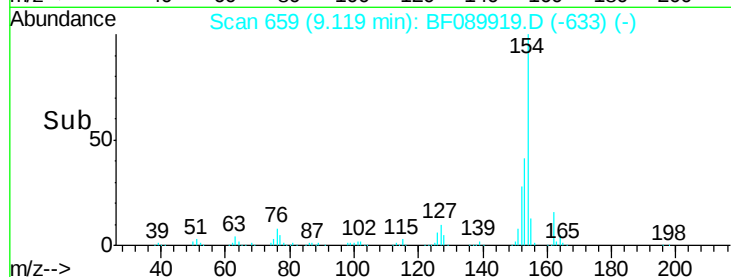
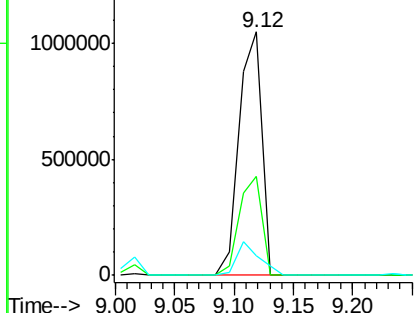
#45
 1,1'-Biphenyl
 Concen: 30.89 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

Tgt Ion:154 Resp: 1397140
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.5 61.5
 76 8.1 0.0 36.7

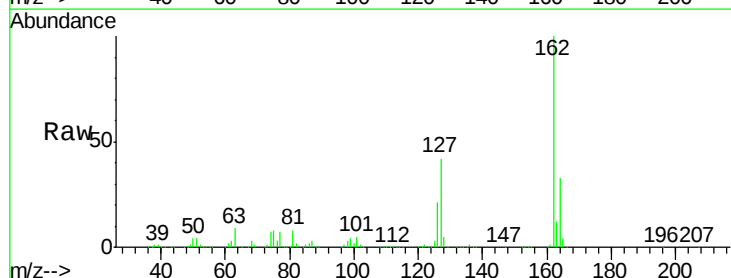


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

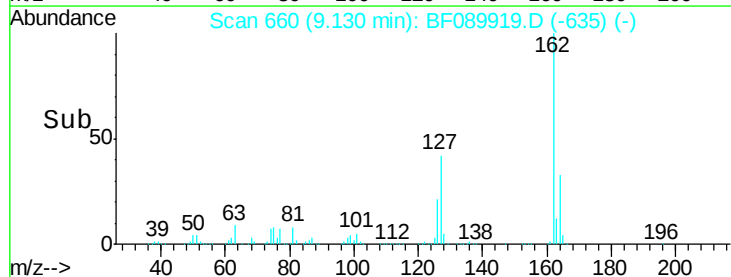
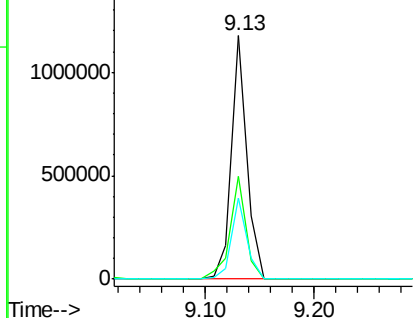


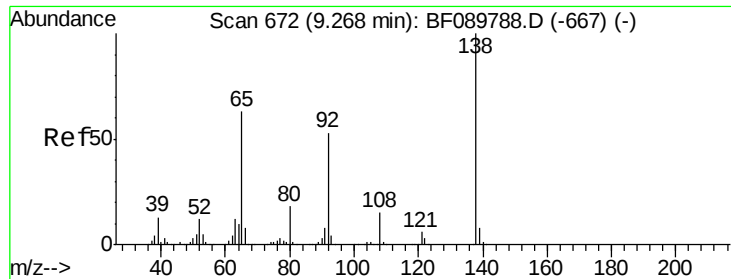
#46
 2-Chloronaphthalene
 Concen: 32.01 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:162 Resp: 1144530
 Ion Ratio Lower Upper
 162 100
 127 42.4 35.5 53.3
 164 33.2 26.6 40.0



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: 38.64 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

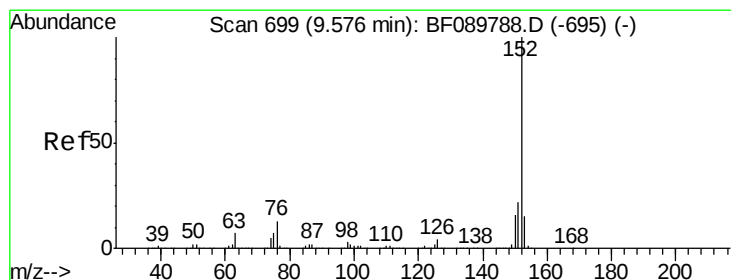
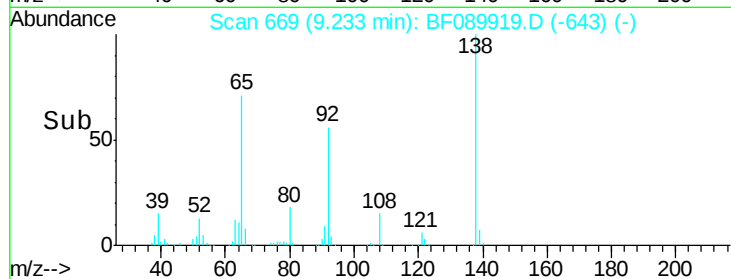
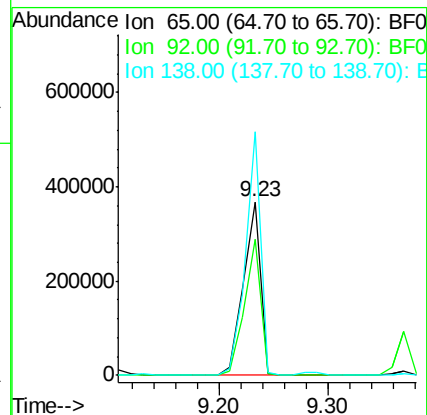
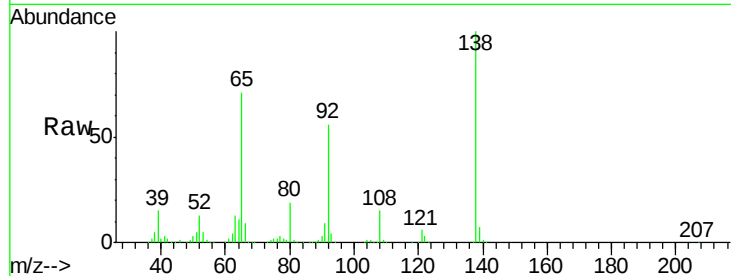
Tgt Ion: 65 Resp: 394011

Ion Ratio Lower Upper

65 100

92 78.8 56.3 84.5

138 140.3 81.8 122.8#



#48

Acenaphthylene

Concen: 32.85 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

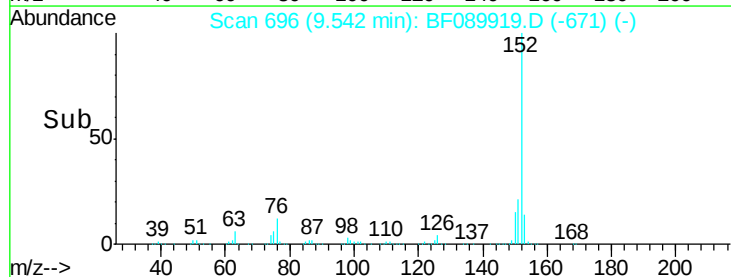
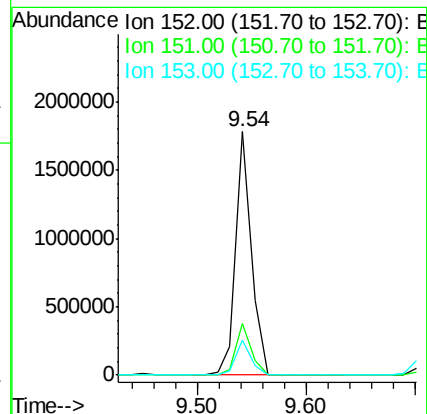
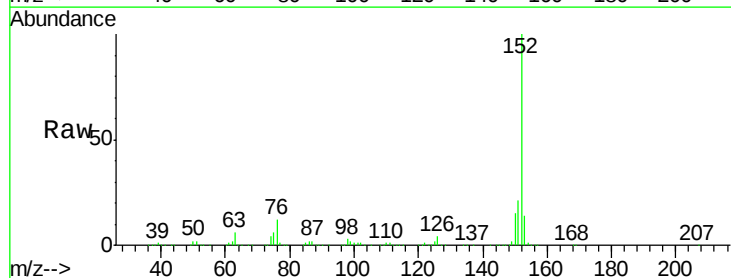
Tgt Ion: 152 Resp: 1764988

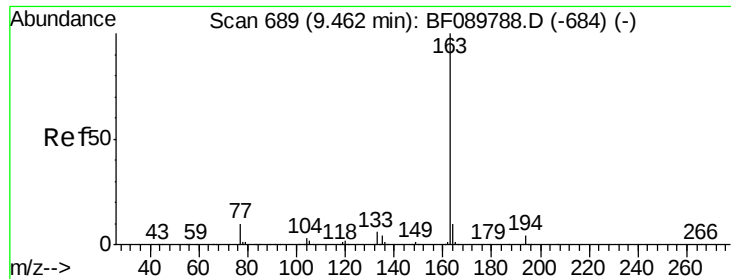
Ion Ratio Lower Upper

152 100

151 21.1 17.1 25.7

153 14.2 11.2 16.8





#49

Dimethylphthalate

Concen: 35.95 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

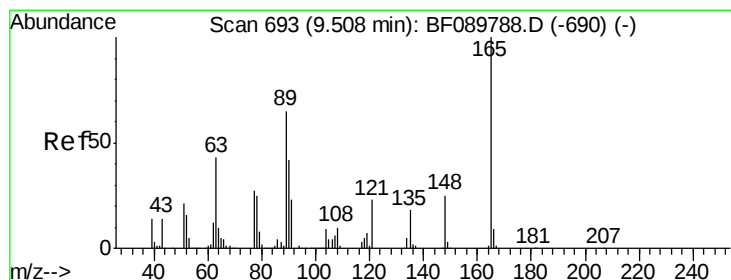
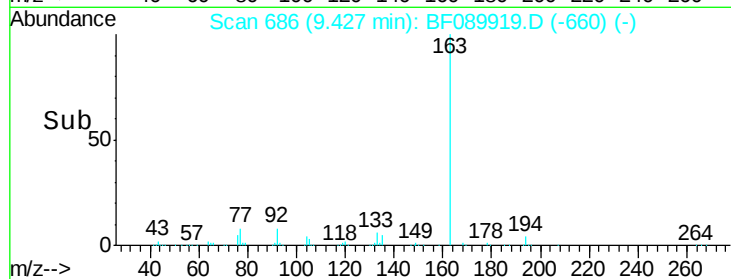
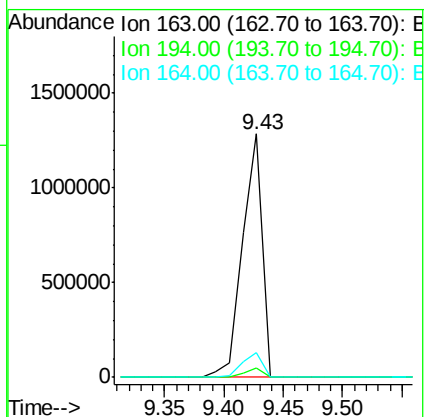
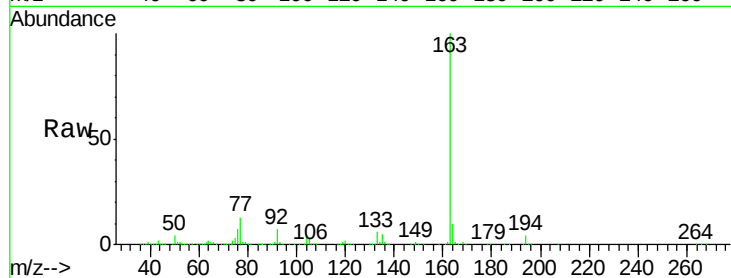
Tgt Ion:163 Resp: 1479519

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 10.1 8.6 12.8



#50

2,6-Dinitrotoluene

Concen: 31.08 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

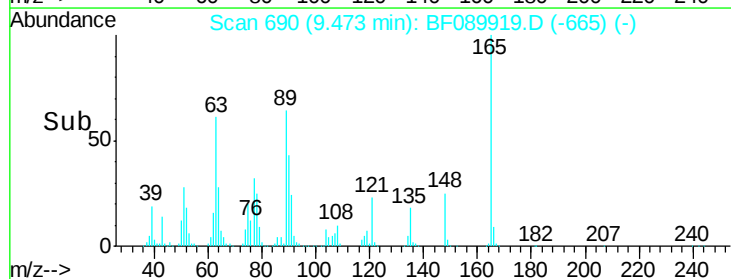
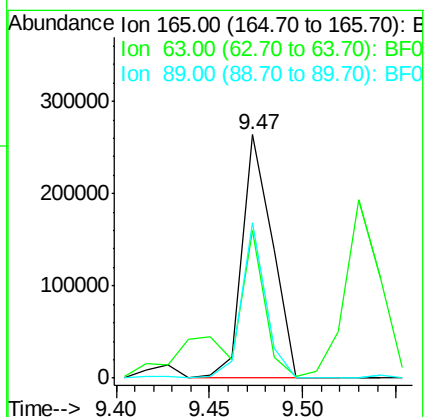
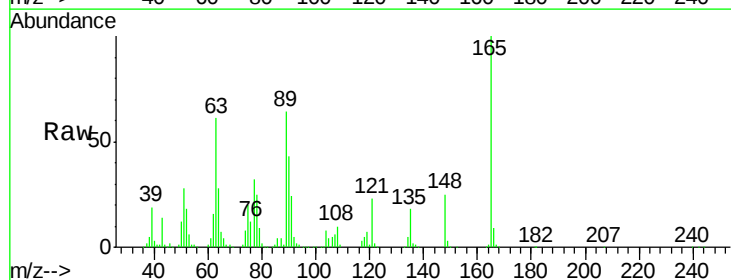
Tgt Ion:165 Resp: 295254

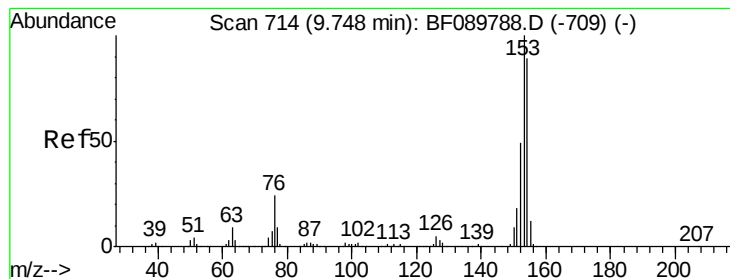
Ion Ratio Lower Upper

165 100

63 60.5 41.7 62.5

89 63.9 44.6 67.0





#51

Acenaphthene

Concen: 35.95 ng

RT: 9.71 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

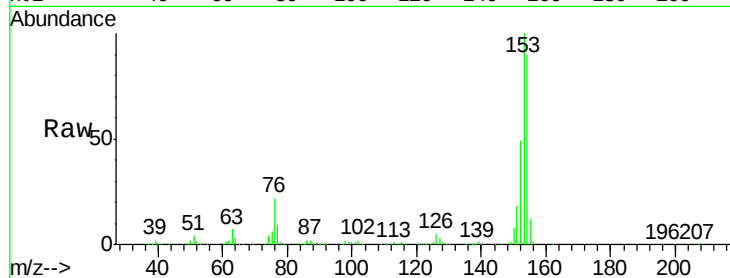
Tgt Ion:154 Resp: 1278206

Ion Ratio Lower Upper

154 100

153 111.7 90.5 135.7

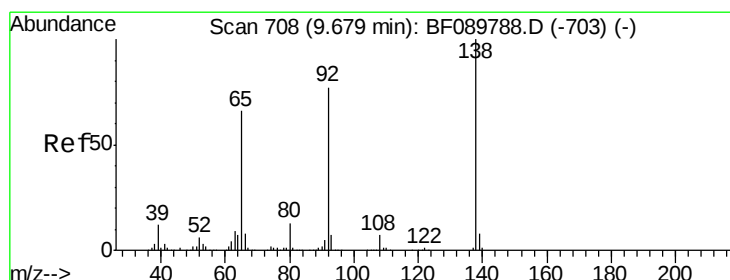
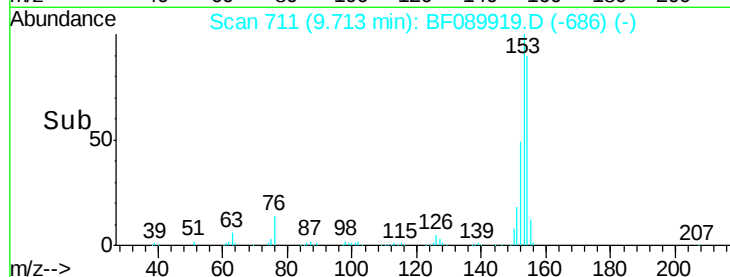
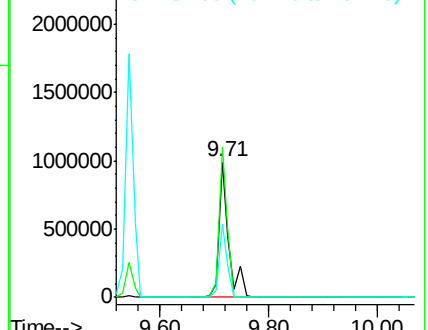
152 54.5 44.6 67.0



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: 17.78 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

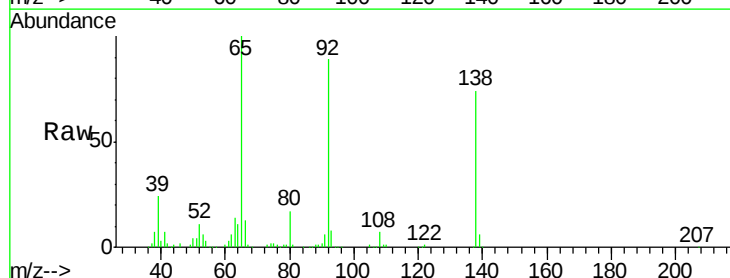
Tgt Ion:138 Resp: 187168

Ion Ratio Lower Upper

138 100

108 10.1 8.1 12.1

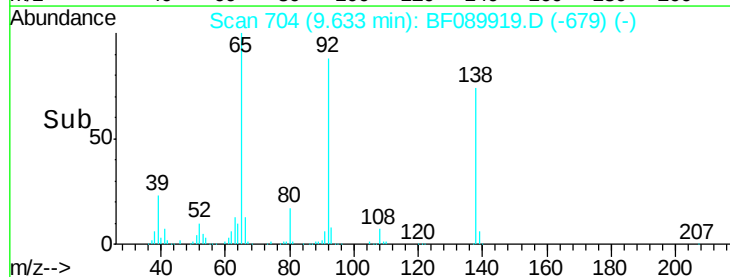
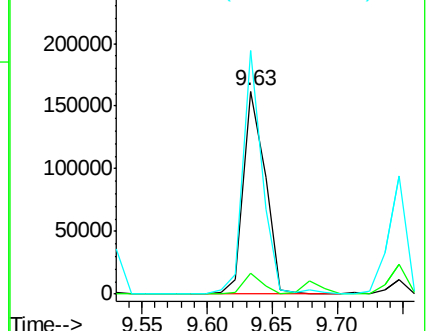
92 120.1 92.7 139.1

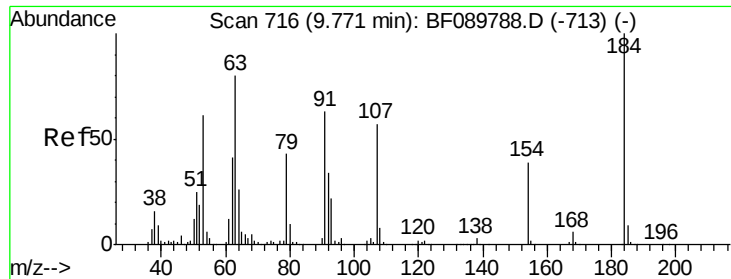


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

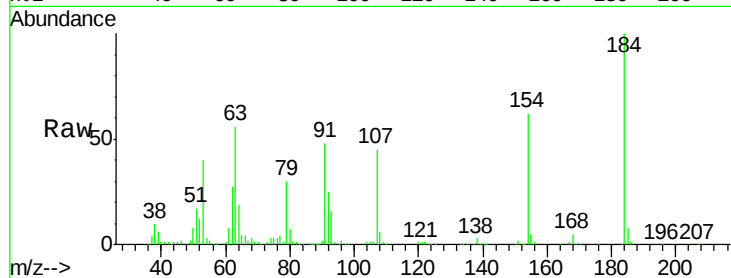




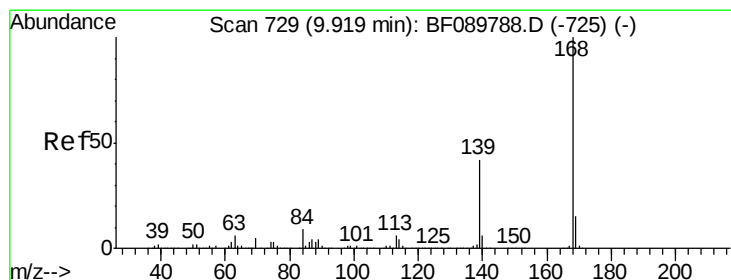
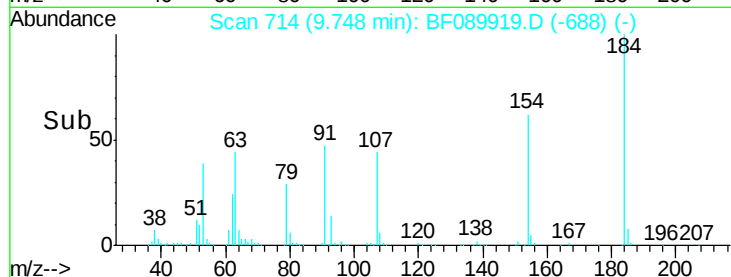
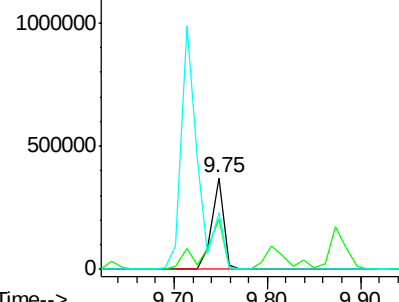
#53
2,4-Dinitrophenol
Concen: 65.18 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tgt Ion:184 Resp: 334747
Ion Ratio Lower Upper
184 100
63 55.6 54.2 81.4
154 62.2 52.7 79.1

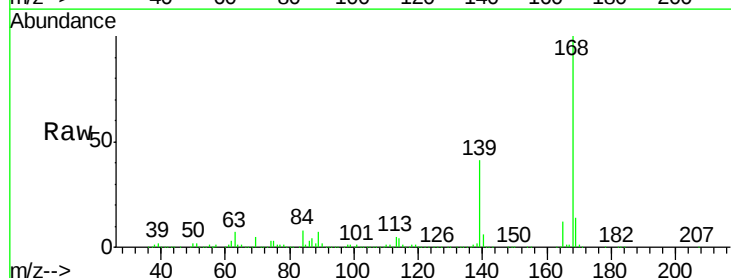


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

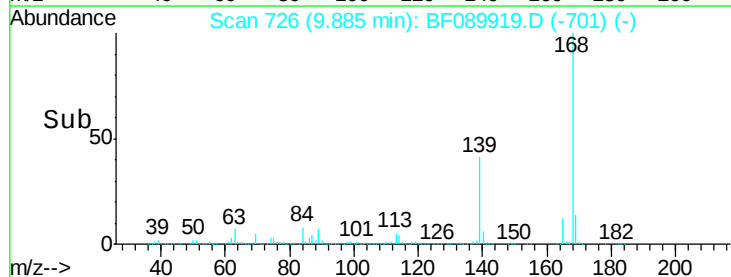
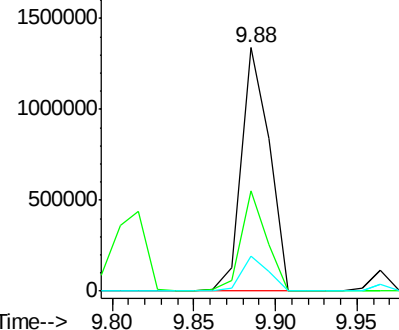


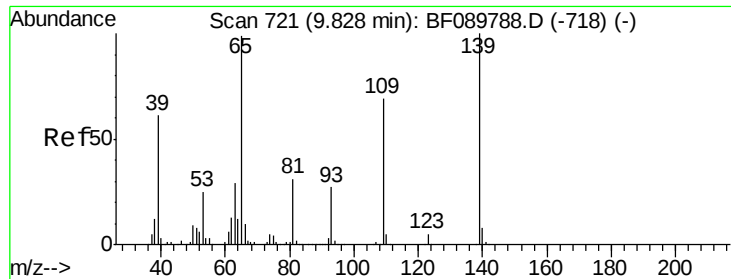
#54
Dibenzofuran
Concen: 35.71 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:168 Resp: 1594632
Ion Ratio Lower Upper
168 100
139 41.1 34.6 52.0
169 14.3 11.5 17.3



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

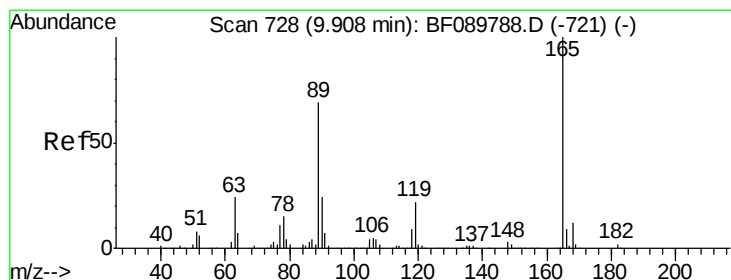
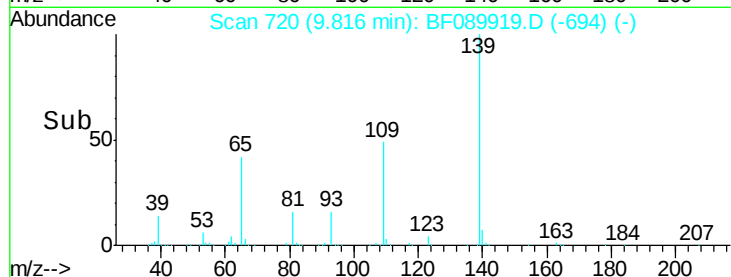
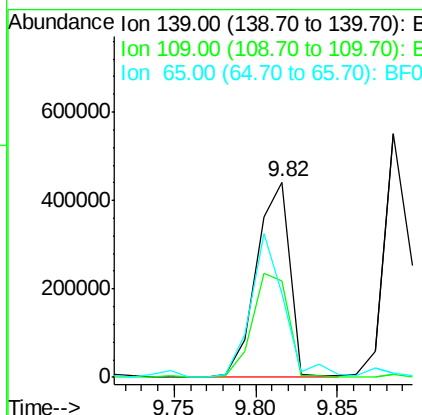
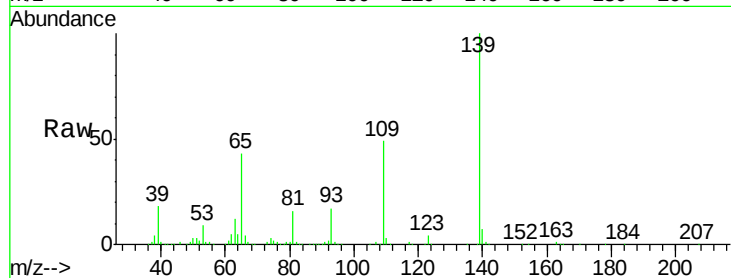




#55
 4-Nitrophenol
 Concen: 72.65 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

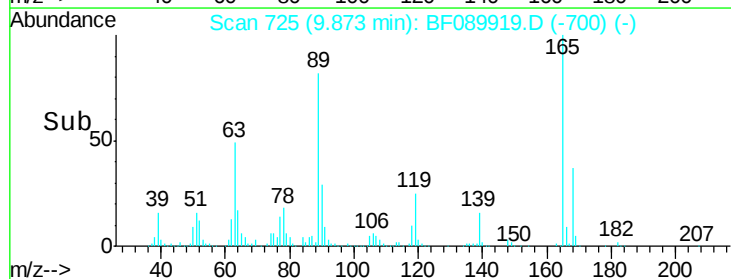
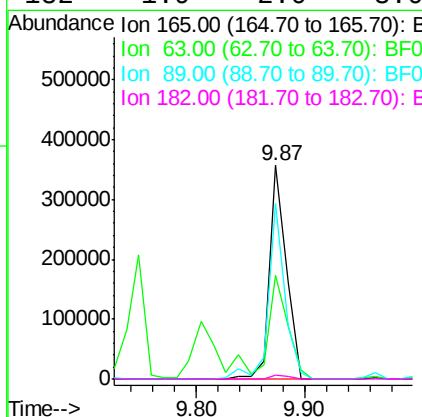
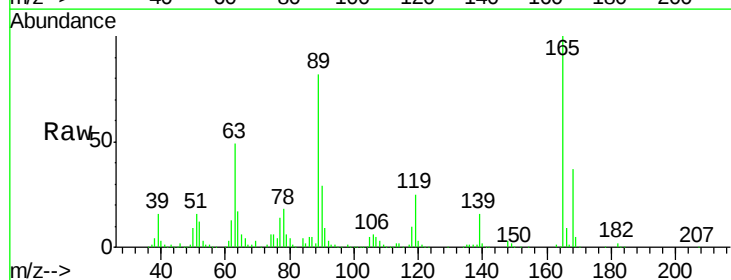
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

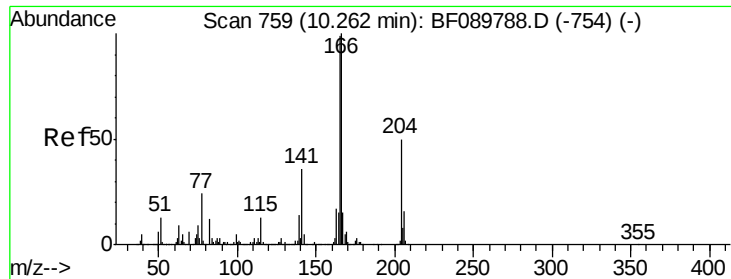
Tgt Ion:139 Resp: 624192
 Ion Ratio Lower Upper
 139 100
 109 49.2 43.0 83.0
 65 42.8 55.7 95.7#



#56
 2,4-Dinitrotoluene
 Concen: 31.14 ng
 RT: 9.87 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:165 Resp: 383885
 Ion Ratio Lower Upper
 165 100
 63 48.8 23.7 35.5#
 89 82.3 44.0 66.0#
 182 1.9 2.0 3.0#





#57

Fluorene

Concen: 31.34 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

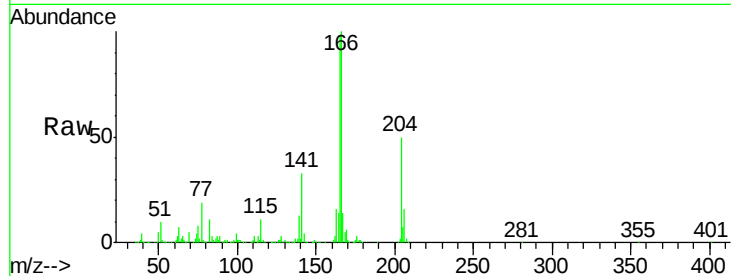
Tgt Ion:166 Resp: 1115303

Ion Ratio Lower Upper

166 100

165 98.3 80.2 120.4

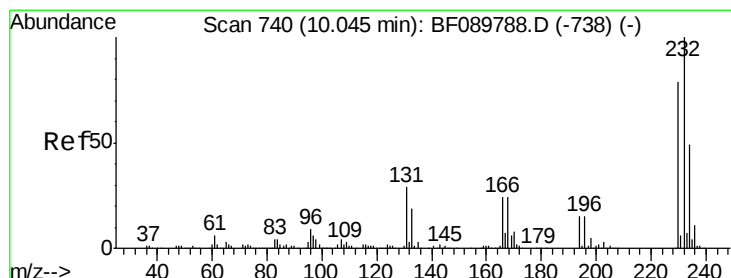
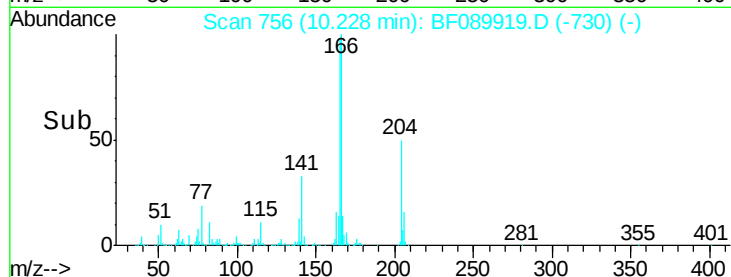
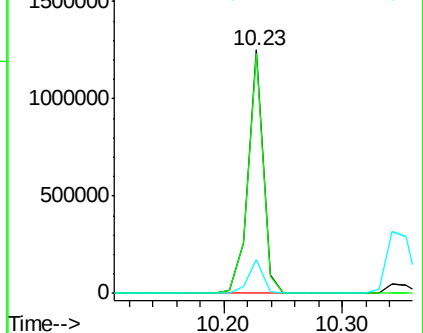
167 14.0 11.3 16.9



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: 38.34 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Tgt Ion:232 Resp: 330399

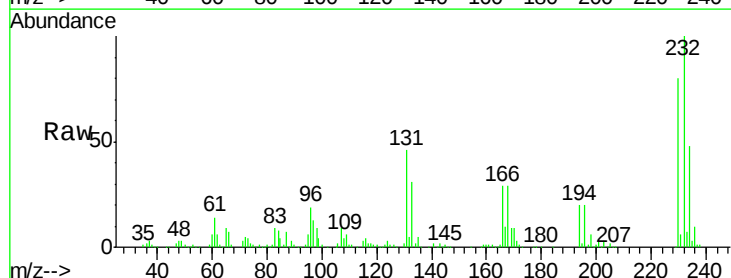
Ion Ratio Lower Upper

232 100

131 48.3 42.5 63.7

130 2.4 2.2 3.4

166 28.8 27.3 40.9

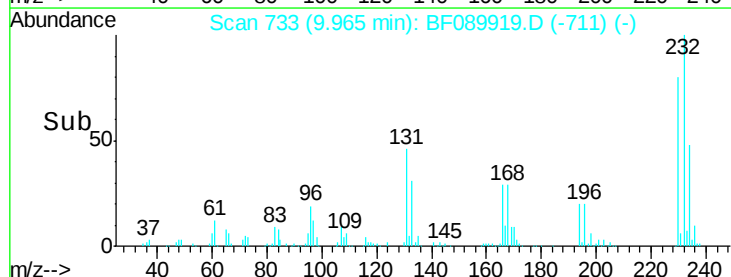
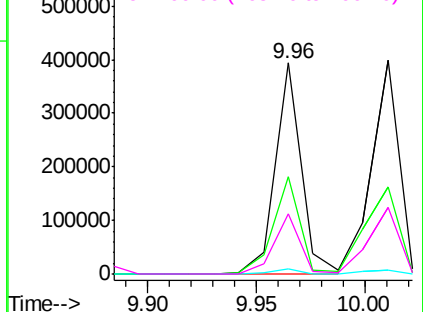


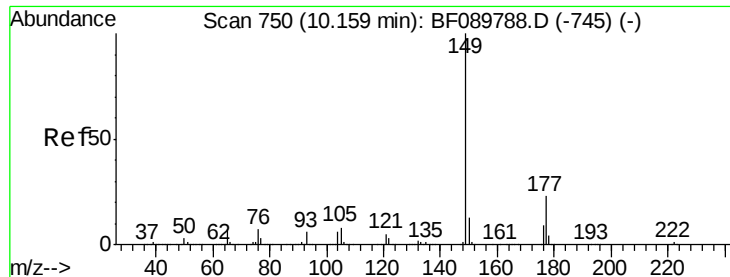
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

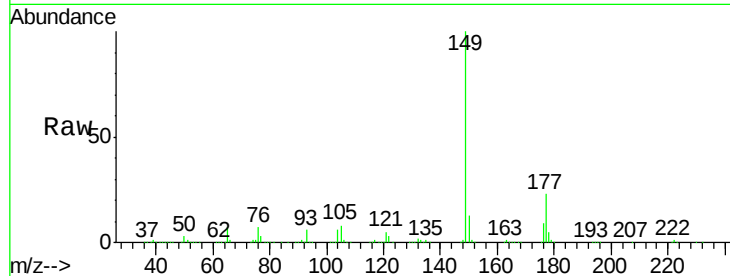




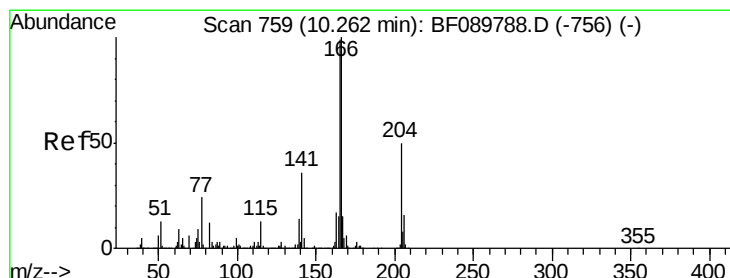
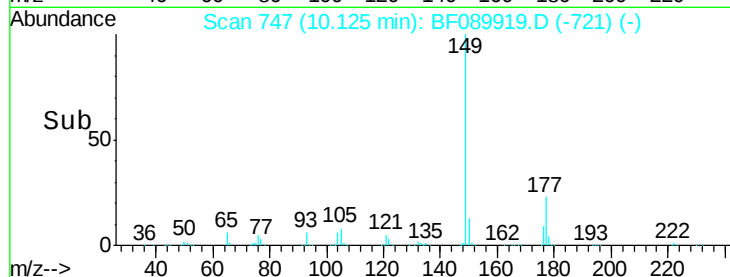
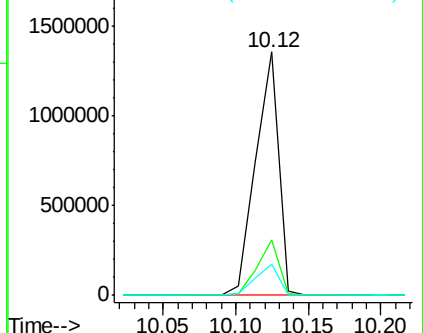
#59
Diethylphthalate
Concen: 35.57 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Instrument :
BNA_F
ClientSampleId :
PB93109BS

Tgt Ion:149 Resp: 1487062
Ion Ratio Lower Upper
149 100
177 22.9 16.6 25.0
150 12.6 10.5 15.7

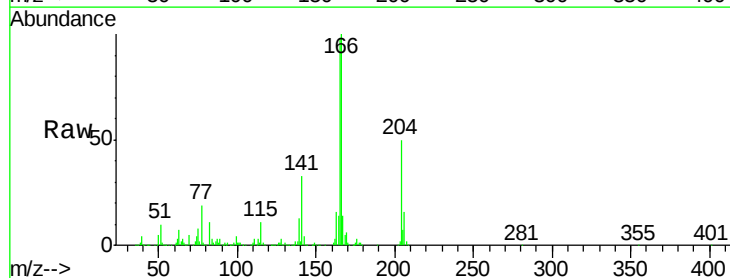


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

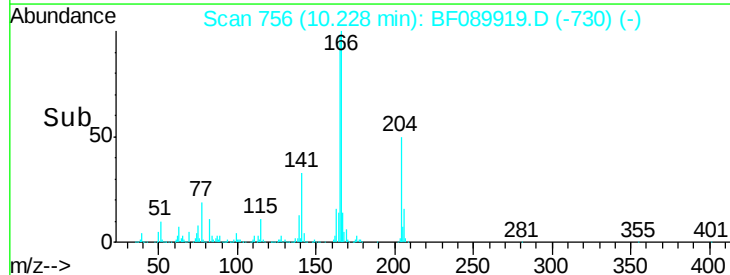
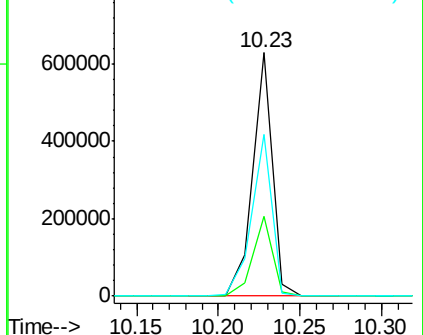


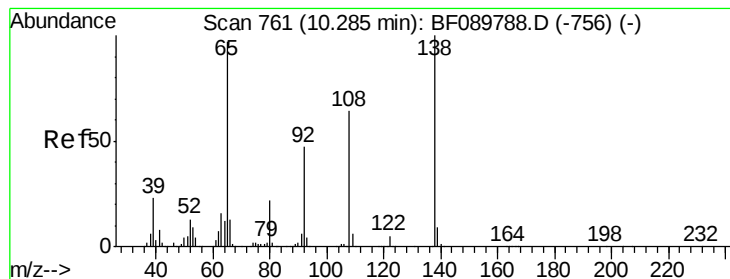
#60
4-Chlorophenyl-phenylether
Concen: 32.52 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:204 Resp: 527977
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 66.2 54.1 81.1



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: 32.70 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

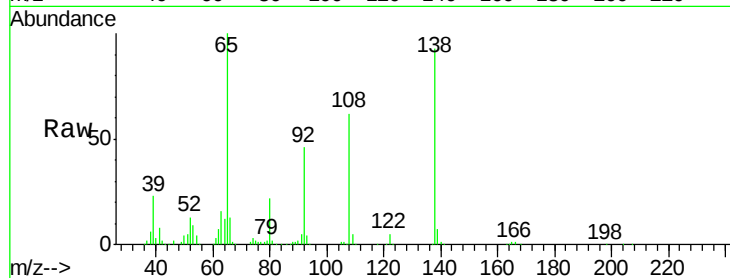
Tgt Ion:138 Resp: 322644

Ion Ratio Lower Upper

138 100

92 49.3 26.4 66.4

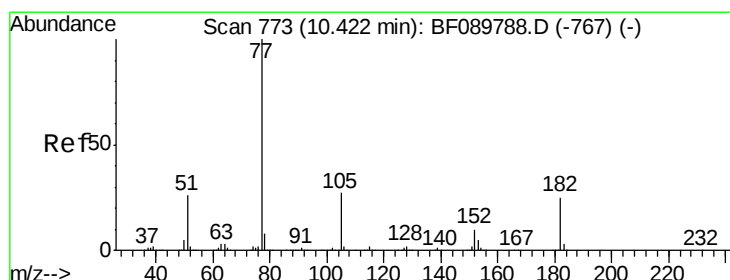
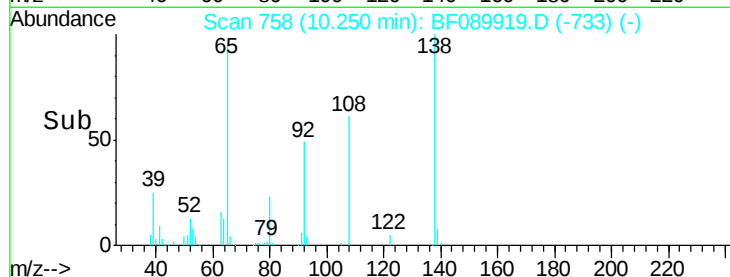
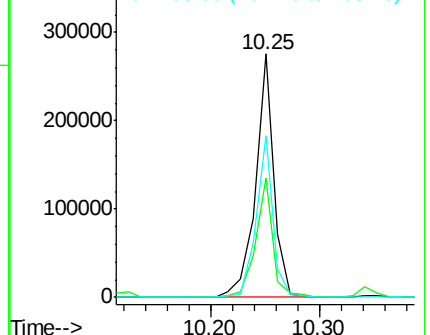
108 66.4 47.0 87.0



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: 39.07 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Tgt Ion: 77 Resp: 1535548

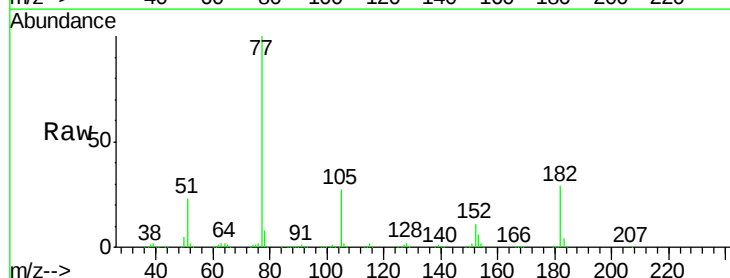
Ion Ratio Lower Upper

77 100

182 28.8 5.6 45.6

105 27.3 4.0 44.0

51 22.7 7.8 47.8

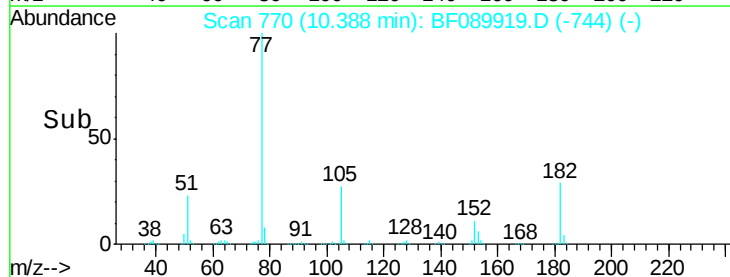
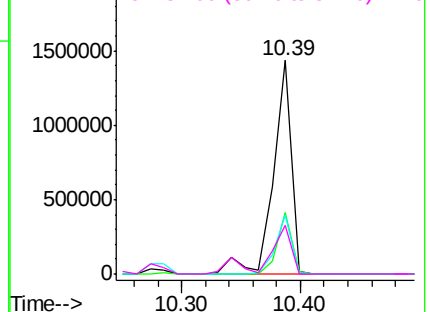


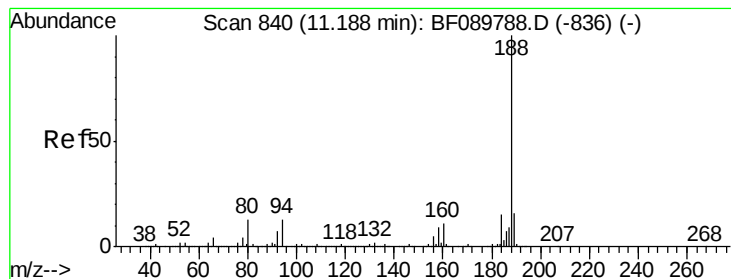
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

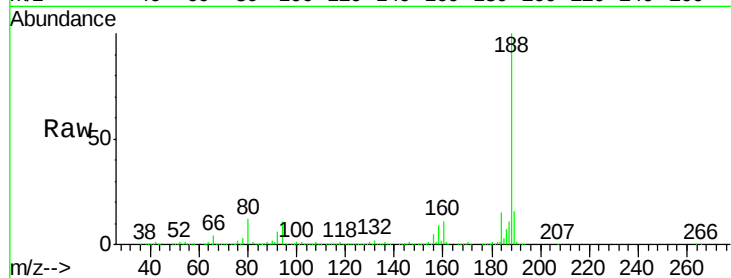
Tgt Ion:188 Resp: 1053165

Ion Ratio Lower Upper

188 100

94 11.5 10.2 15.2

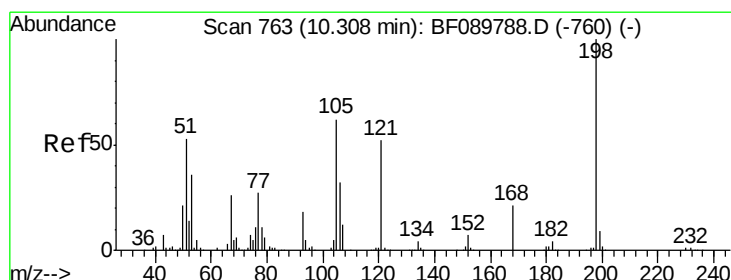
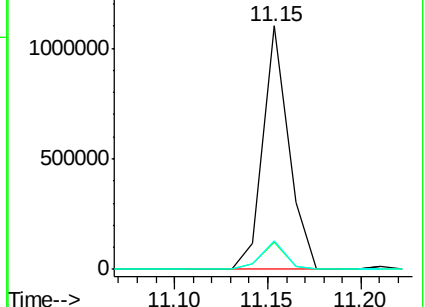
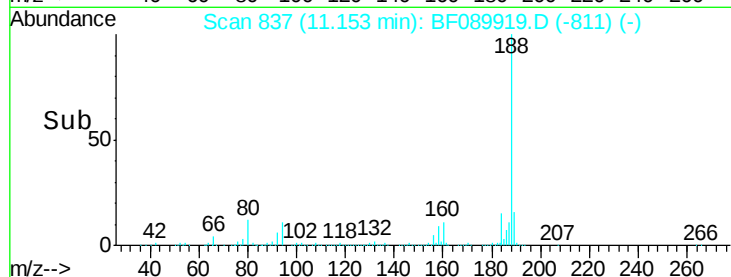
80 11.9 10.9 16.3



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: 39.11 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

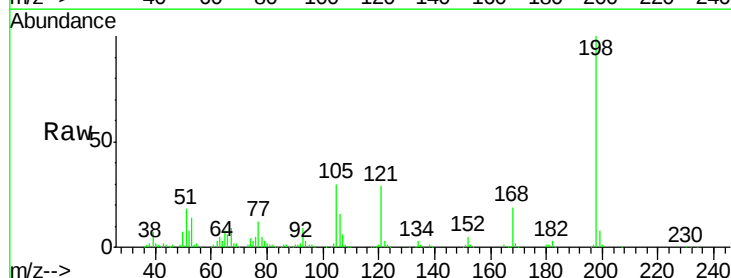
Tgt Ion:198 Resp: 236678

Ion Ratio Lower Upper

198 100

51 18.1 32.3 72.3#

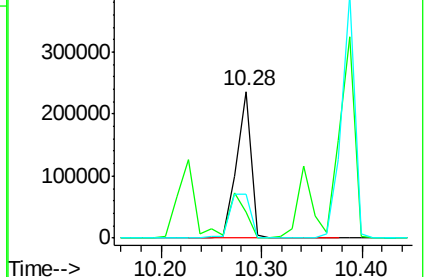
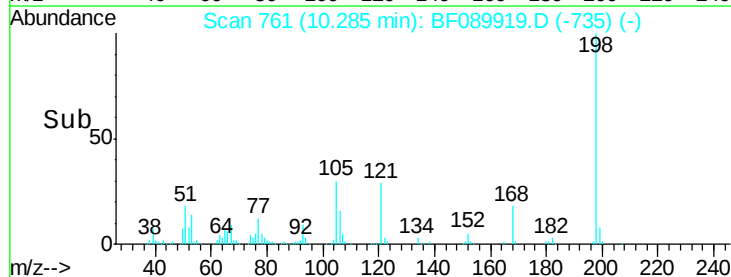
105 29.9 32.9 72.9#

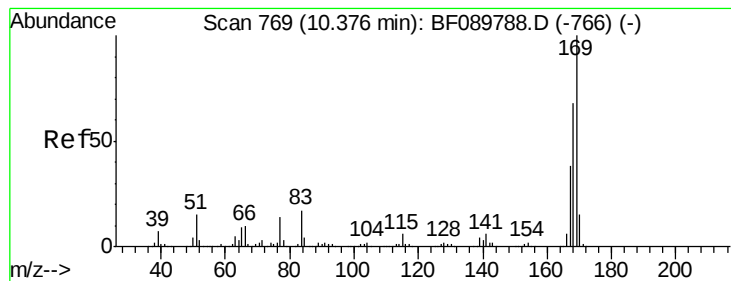


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

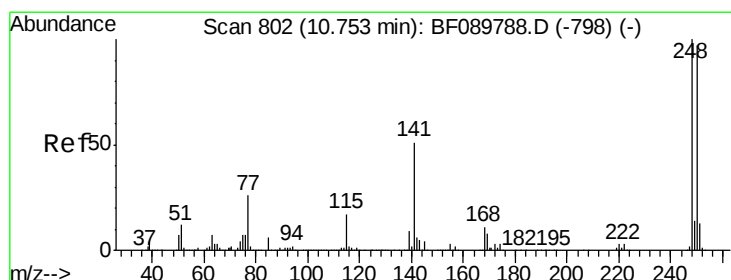
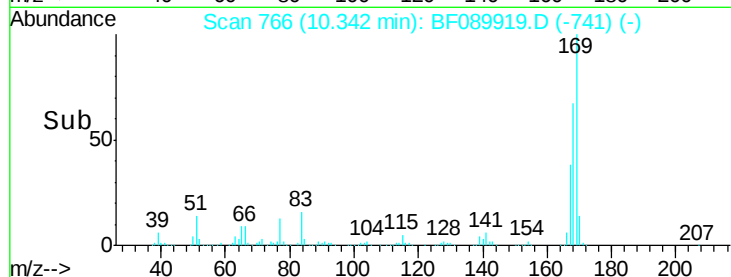
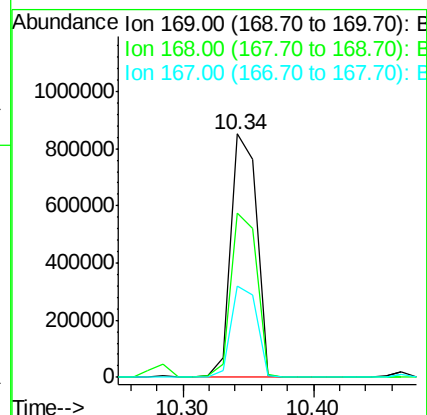
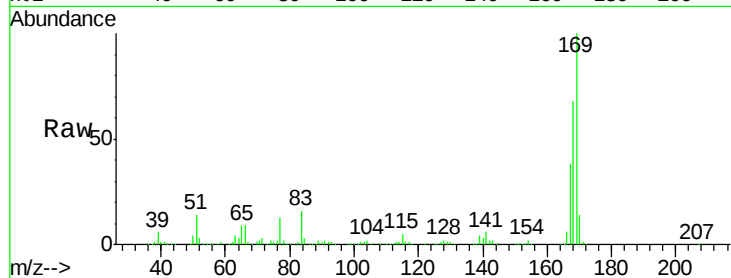




#65
 n-Nitrosodiphenylamine
 Concen: 35.09 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

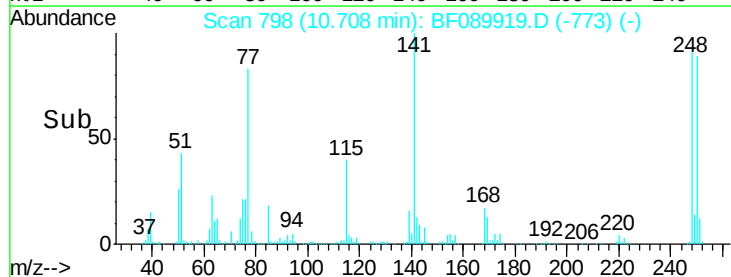
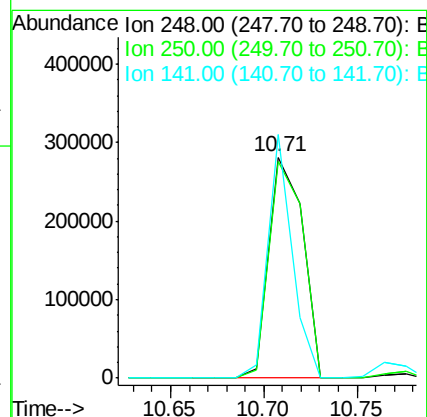
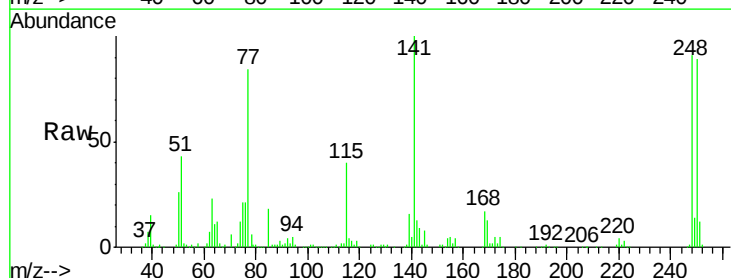
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

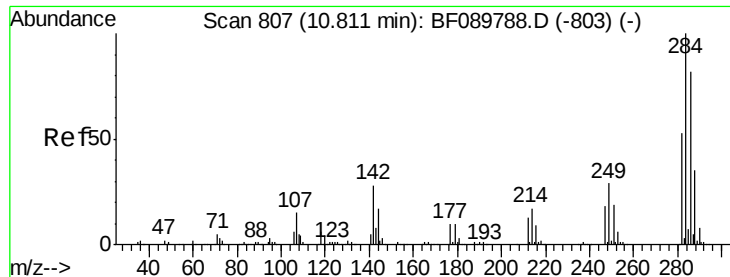
Tgt Ion:169 Resp: 1162041
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.6 82.0
 167 37.5 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 32.12 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion:248 Resp: 354698
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.6 117.8
 141 110.4 31.4 47.2#

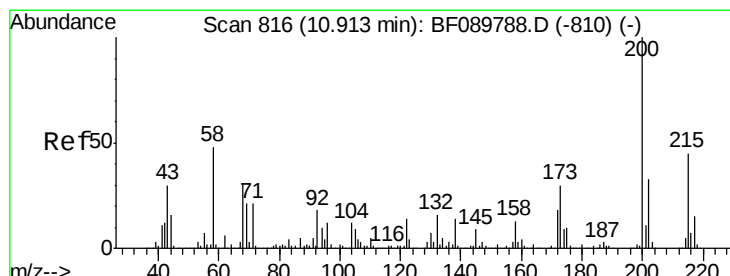
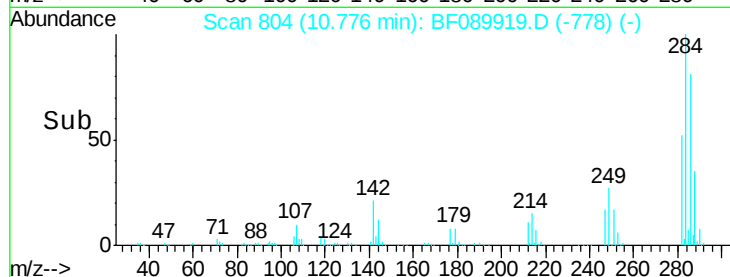
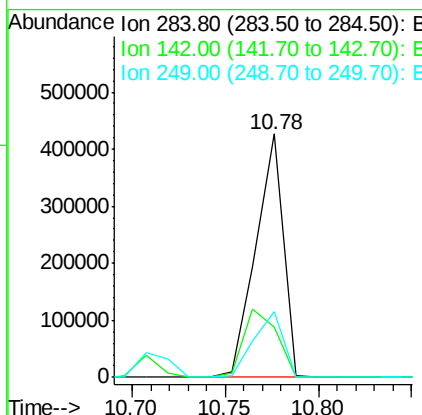
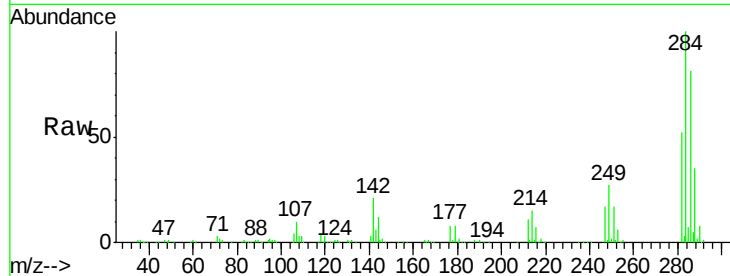




#67
Hexachlorobenzene
Concen: 34.44 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

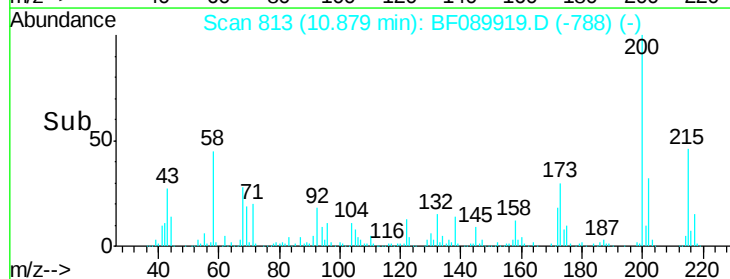
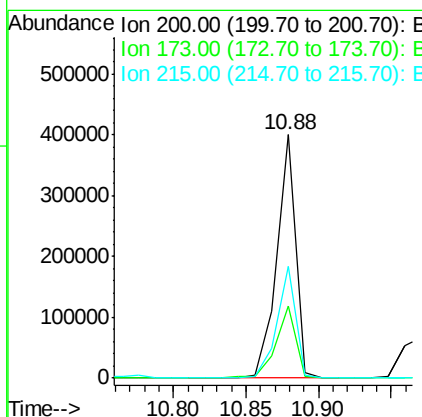
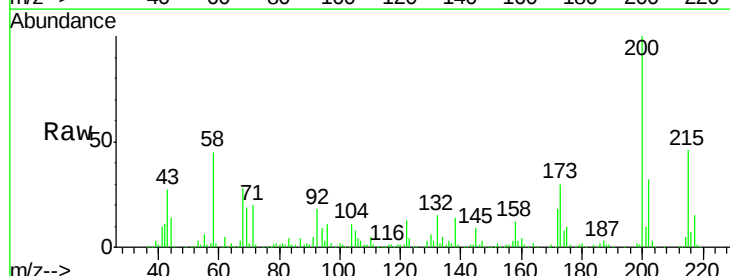
Instrument :
BNA_F
ClientSampleId :
PB93109BS

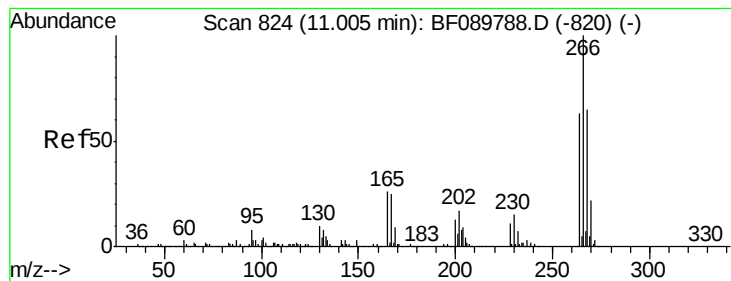
Tgt Ion:284 Resp: 433783
Ion Ratio Lower Upper
284 100
142 20.9 17.4 26.2
249 27.2 22.8 34.2



#68
Atrazine
Concen: 35.72 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion:200 Resp: 362246
Ion Ratio Lower Upper
200 100
173 29.9 6.6 46.6
215 45.7 24.7 64.7





#69

Pentachlorophenol

Concen: 68.80 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

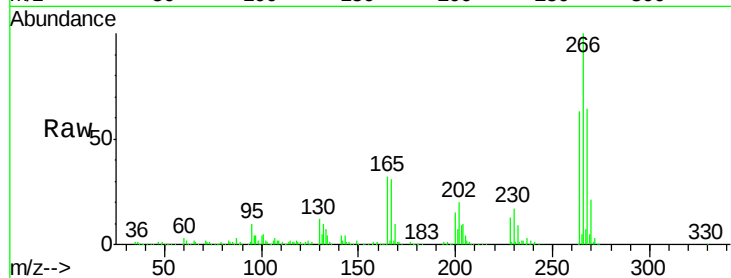
Tgt Ion:266 Resp: 491242

Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

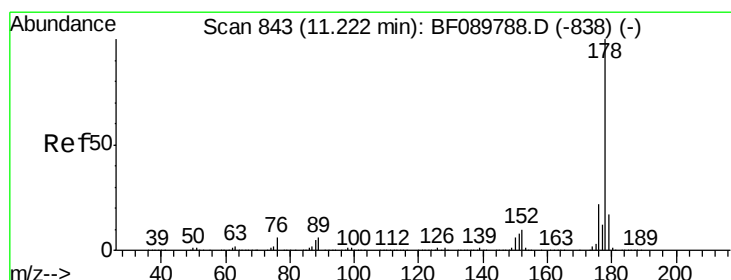
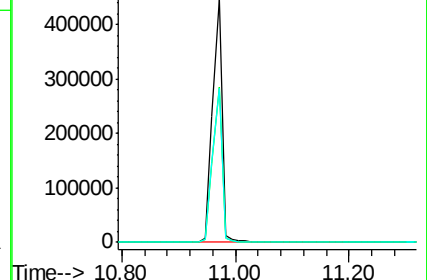
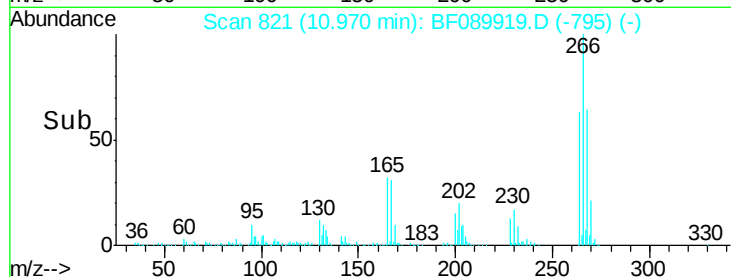
264 63.2 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 33.94 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

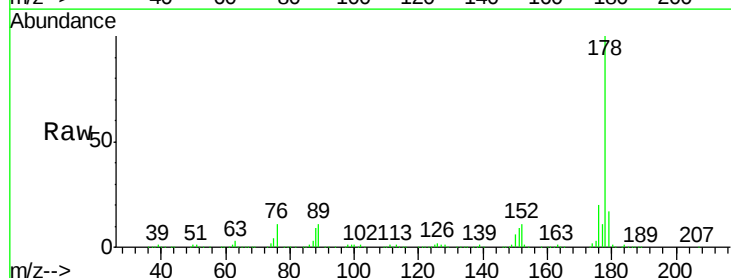
Tgt Ion:178 Resp: 1805576

Ion Ratio Lower Upper

178 100

176 20.5 16.4 24.6

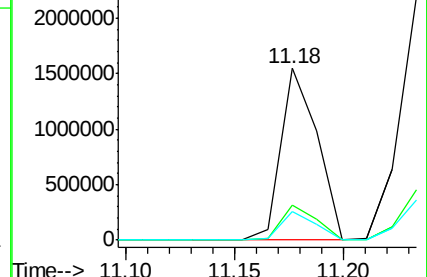
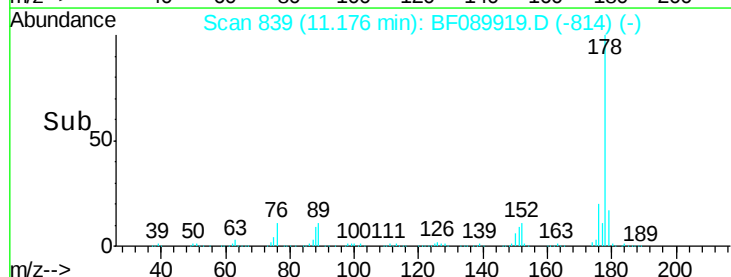
179 16.6 12.5 18.7

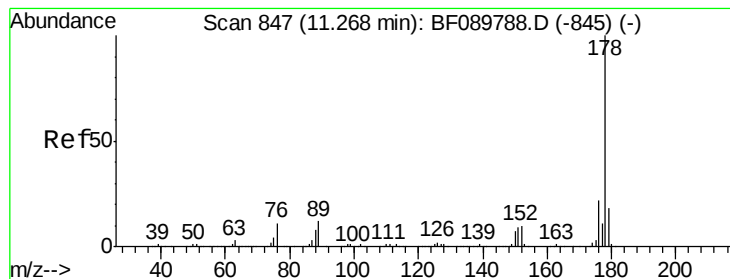


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.03 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

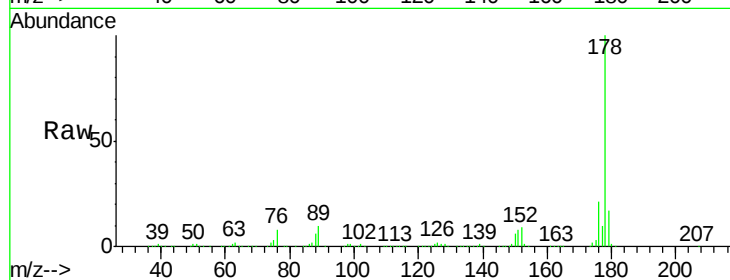
Tgt Ion:178 Resp: 2002055

Ion Ratio Lower Upper

178 100

176 20.8 16.4 24.6

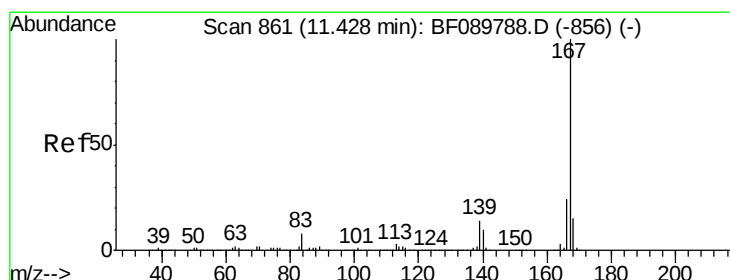
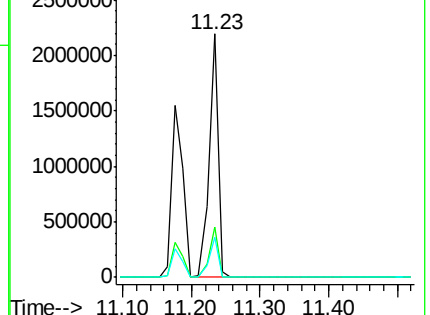
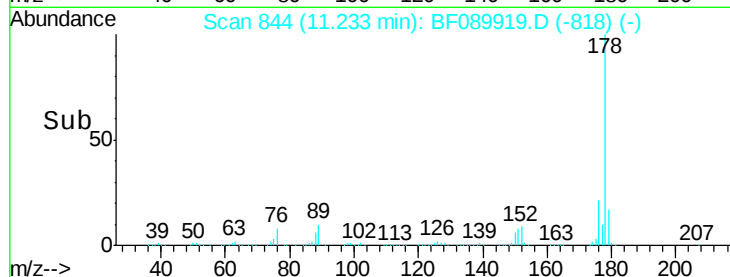
179 16.7 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.85 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

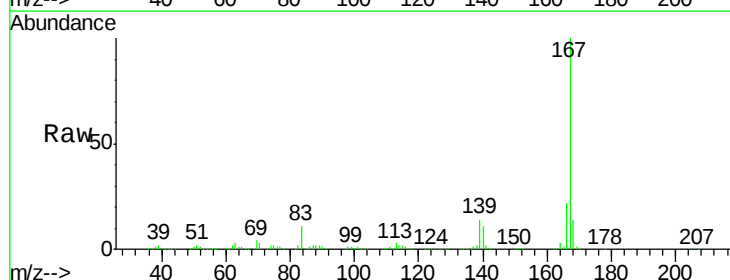
Tgt Ion:167 Resp: 1786952

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

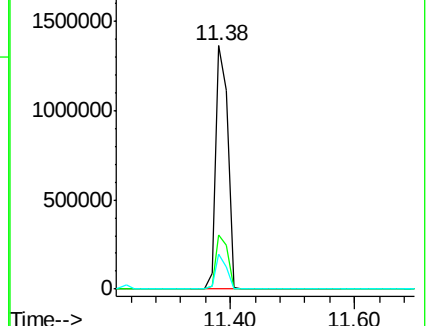
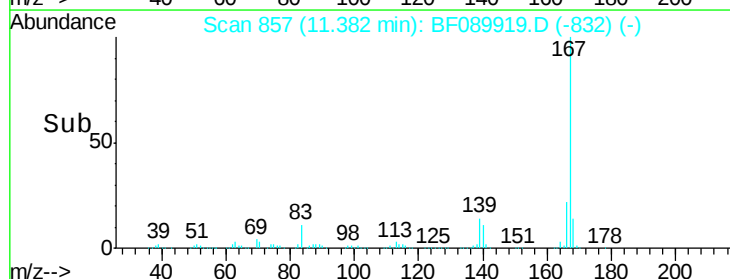
139 14.4 12.4 18.6

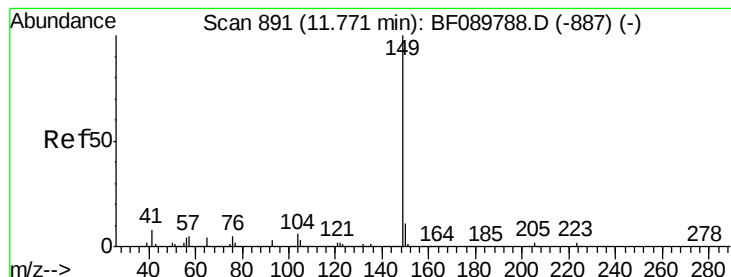


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.22 ng

RT: 11.74 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

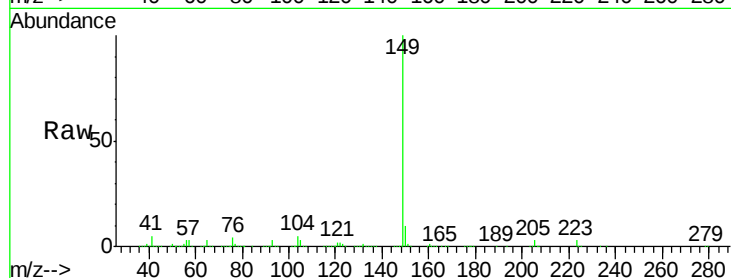
Tgt Ion:149 Resp: 2197925

Ion Ratio Lower Upper

149 100

150 10.3 7.9 11.9

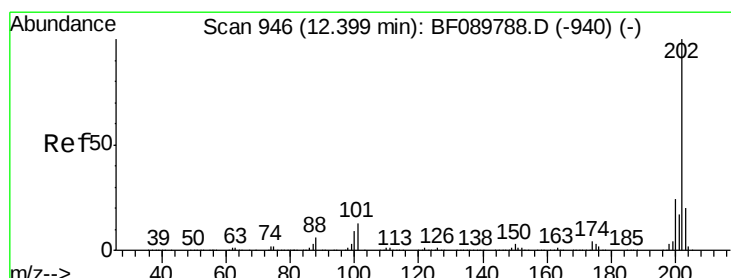
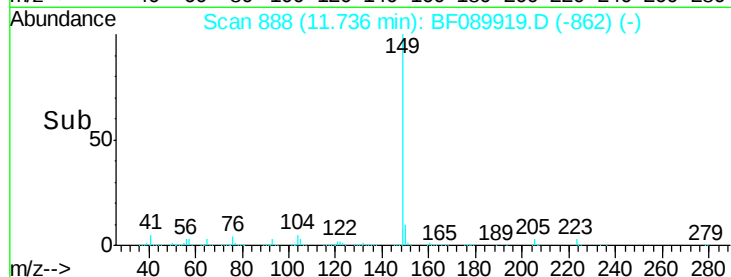
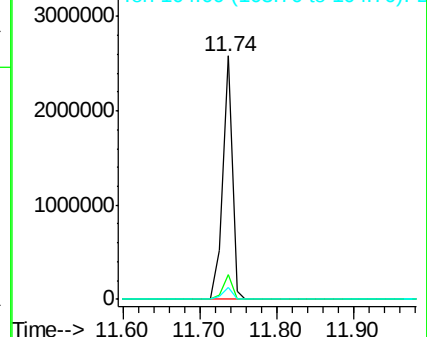
104 4.7 4.3 6.5



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: 34.74 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

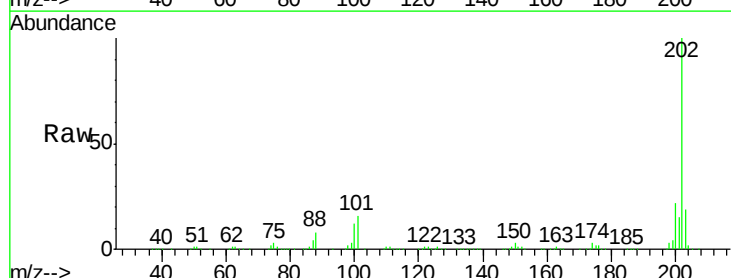
Tgt Ion:202 Resp: 1757741

Ion Ratio Lower Upper

202 100

101 15.9 0.0 31.2

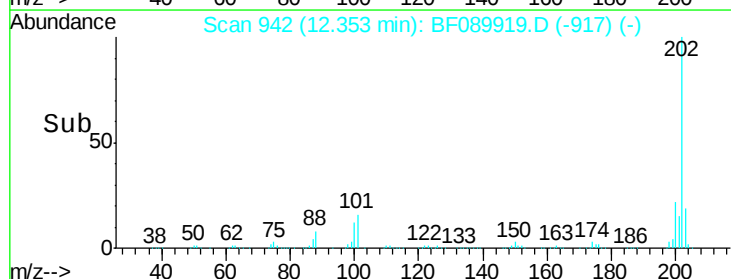
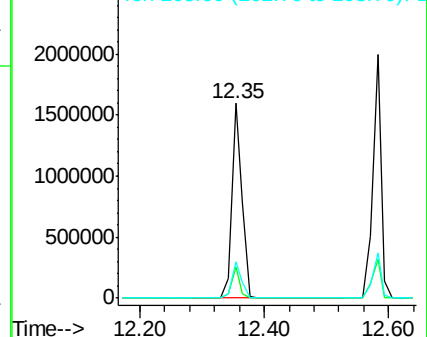
203 18.6 0.0 38.1

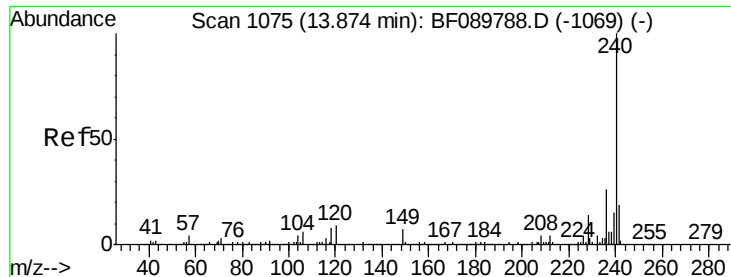


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

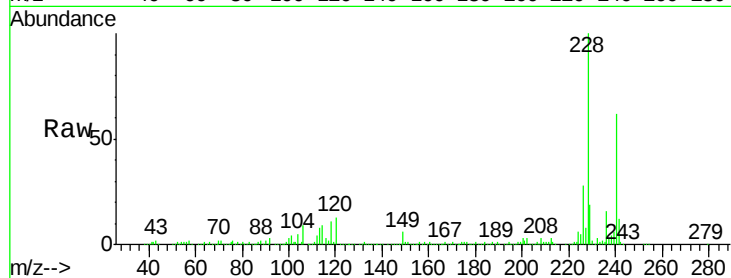
Tgt Ion:240 Resp: 727066

Ion Ratio Lower Upper

240 100

120 20.4 8.3 12.5#

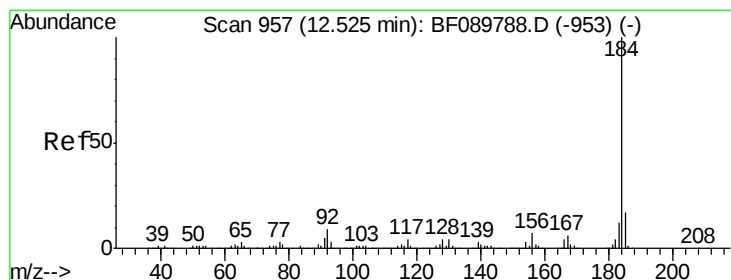
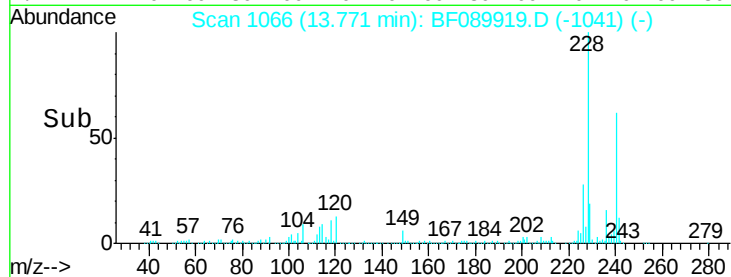
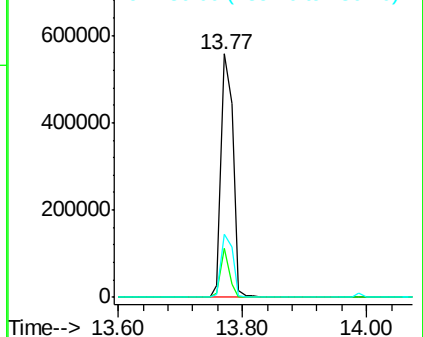
236 26.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.05 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

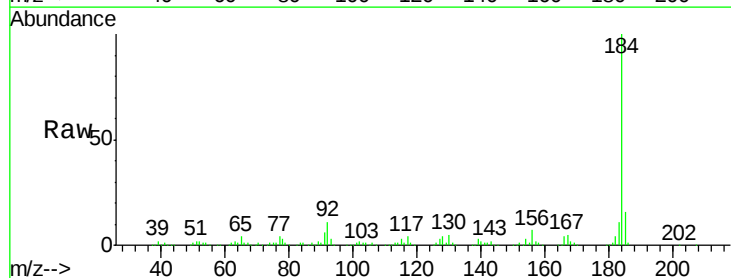
Tgt Ion:184 Resp: 659999

Ion Ratio Lower Upper

184 100

185 15.8 13.8 20.8

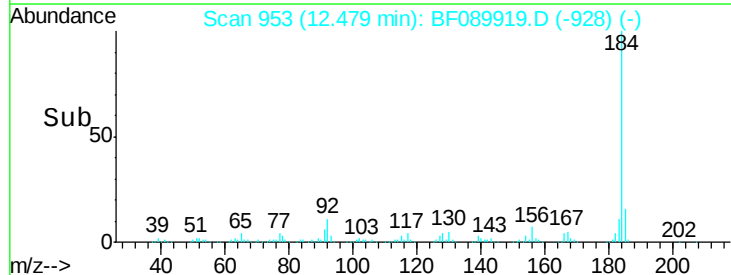
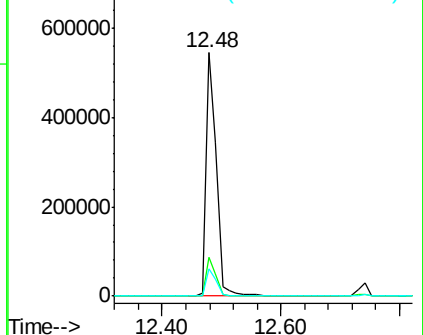
183 11.2 9.7 14.5

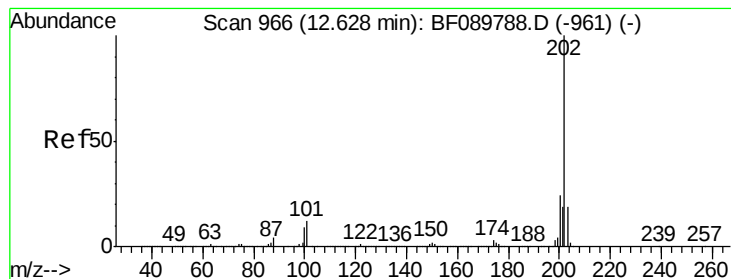


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 30.87 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

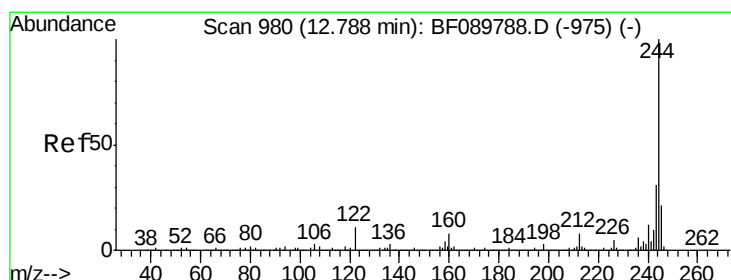
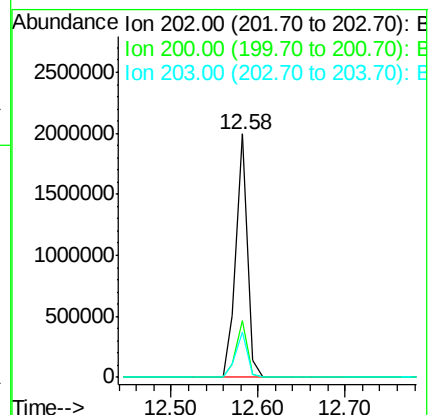
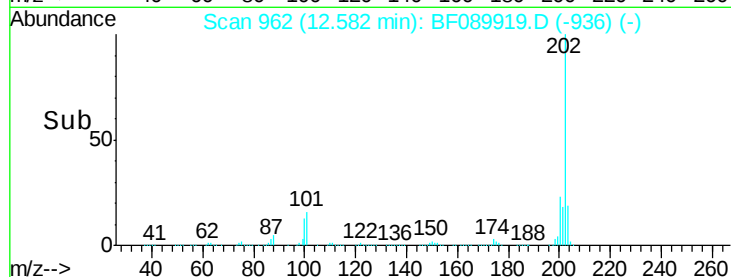
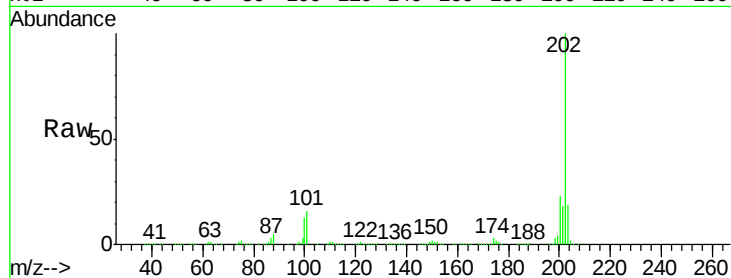
Tgt Ion:202 Resp: 1827921

Ion Ratio Lower Upper

202 100

200 23.3 17.8 26.6

203 18.8 14.2 21.4



#78

Terphenyl-d14

Concen: 62.64 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

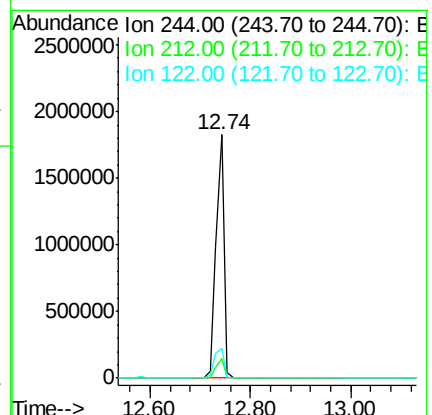
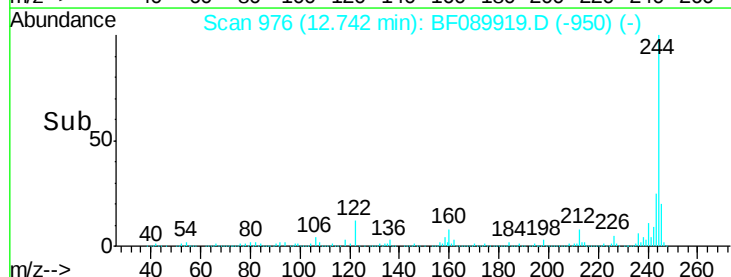
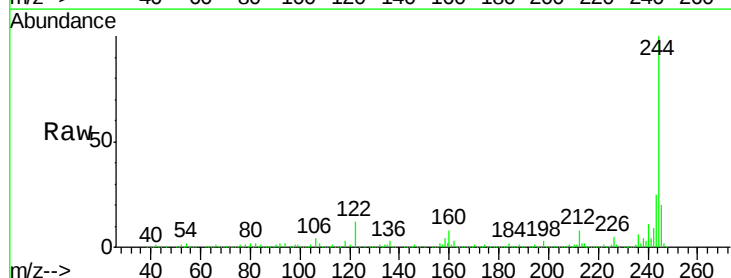
Tgt Ion:244 Resp: 2013156

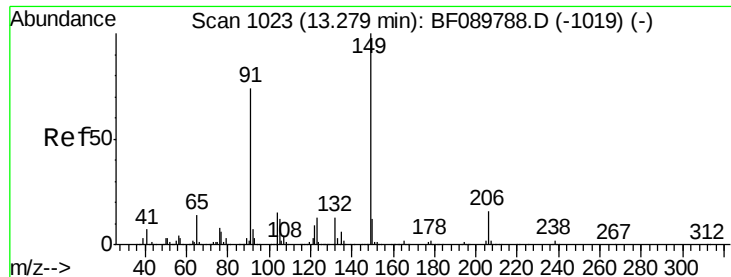
Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 12.5 12.0 18.0





#79

Butylbenzylphthalate

Concen: 36.36 ng

RT: 13.22 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

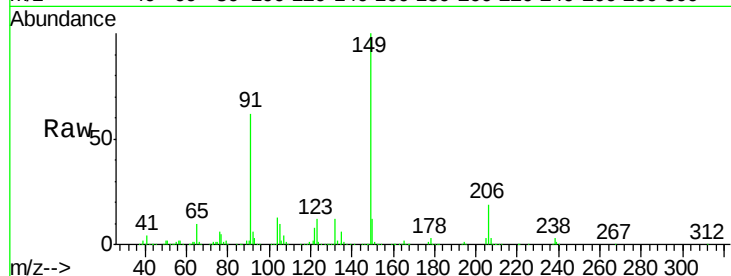
Tgt Ion:149 Resp: 972364

Ion Ratio Lower Upper

149 100

91 61.6 50.7 76.1

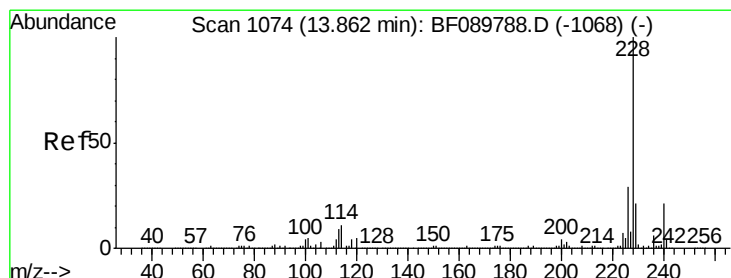
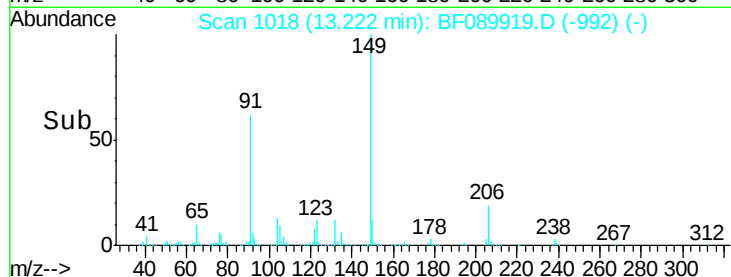
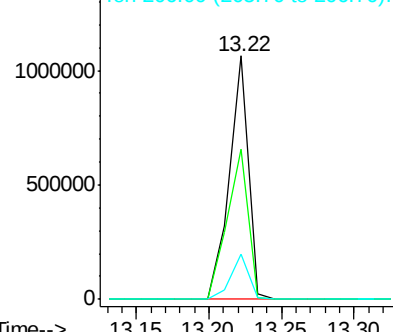
206 18.7 15.5 23.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.46 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

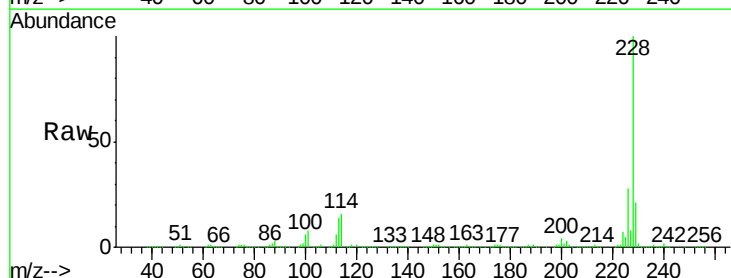
Tgt Ion:228 Resp: 1517960

Ion Ratio Lower Upper

228 100

226 28.3 23.2 34.8

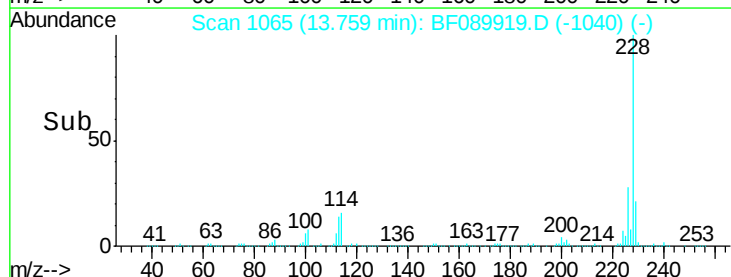
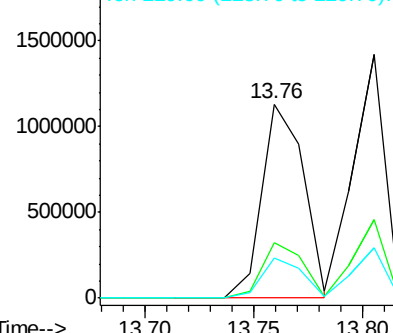
229 20.7 16.2 24.4

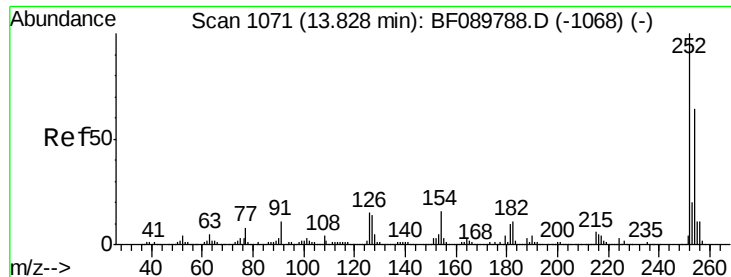


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

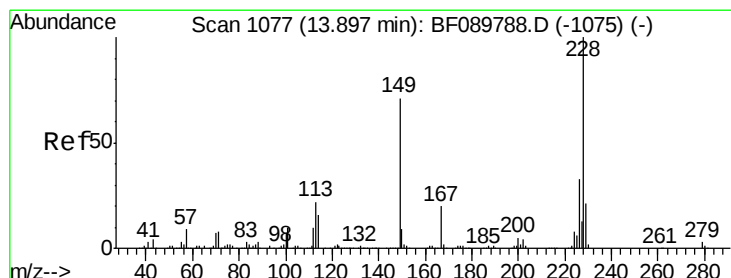
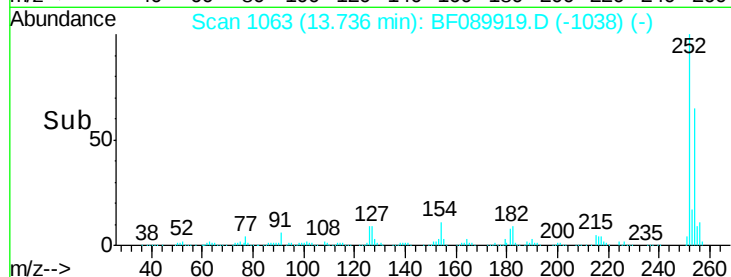
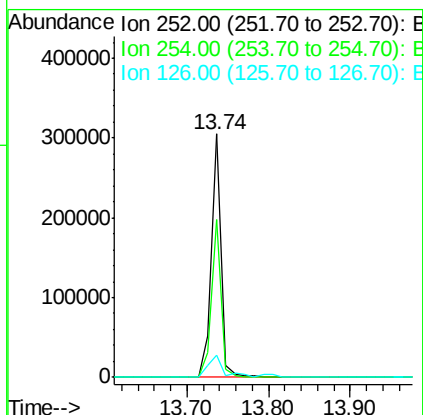
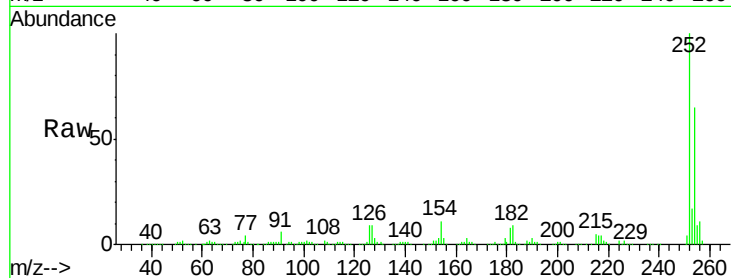




#81
 3,3'-Dichlorobenzidine
 Concen: 19.23 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

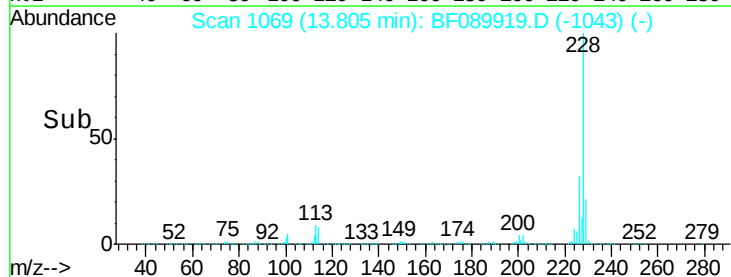
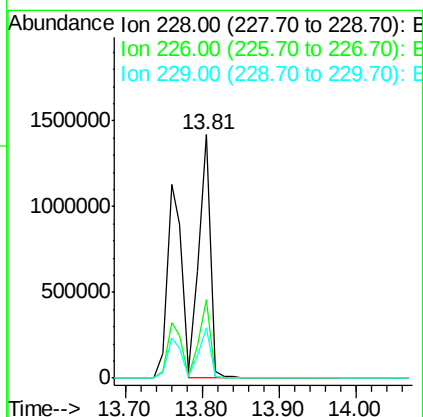
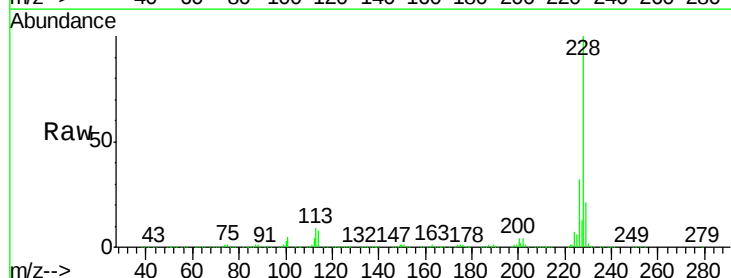
Instrument :
 BNA_F
 ClientSampleId :
 PB93109BS

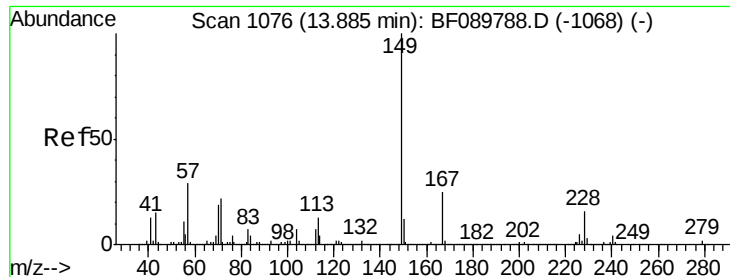
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.6	75.8
126	9.0	12.6	18.8#



#82
 Chrysene
 Concen: 40.70 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF089919.D
 Acq: 26 Aug 2016 20:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.0
229	20.6	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.69 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

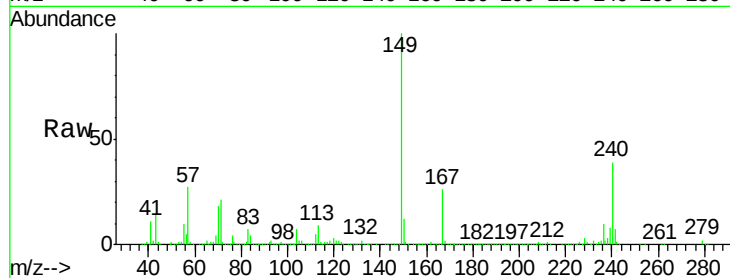
Tgt Ion:149 Resp: 1204240

Ion Ratio Lower Upper

149 100

167 25.6 21.2 31.8

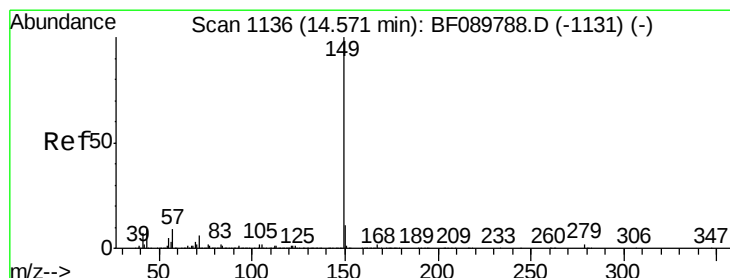
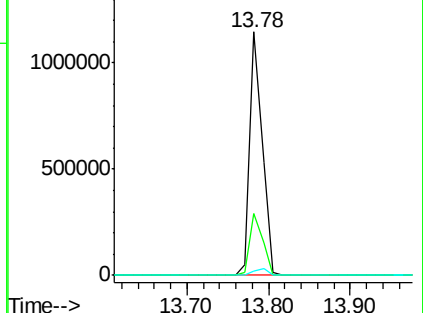
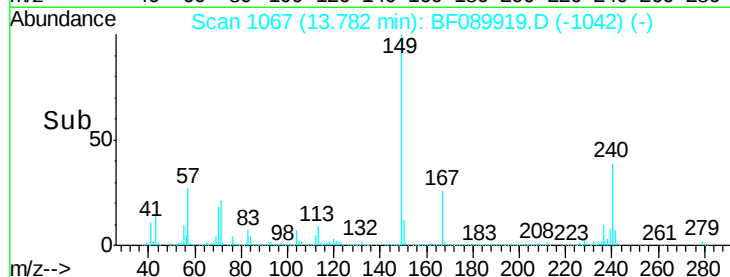
279 1.9 2.9 4.3#



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: 41.10 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

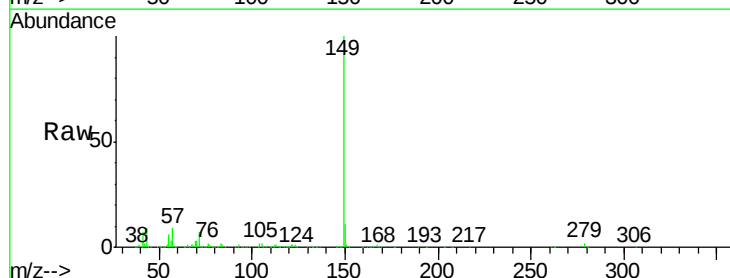
Tgt Ion:149 Resp: 2011509

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

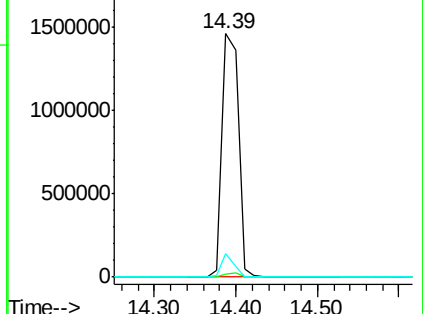
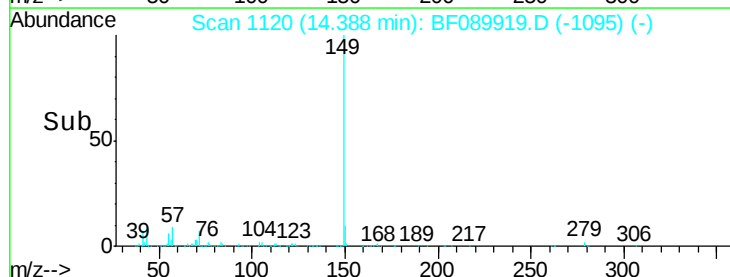
43 7.2 8.4 12.6#

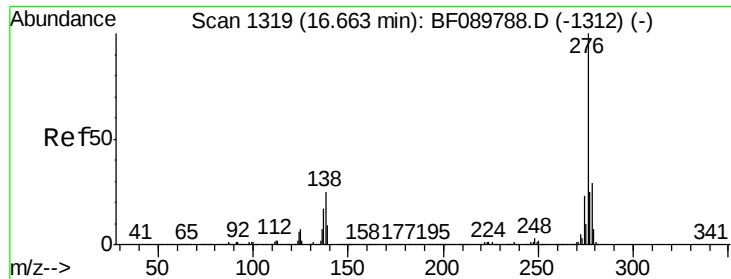


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

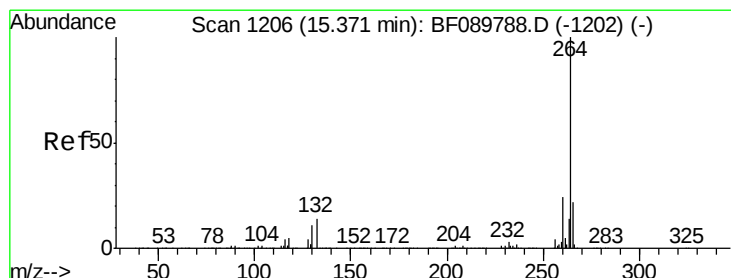
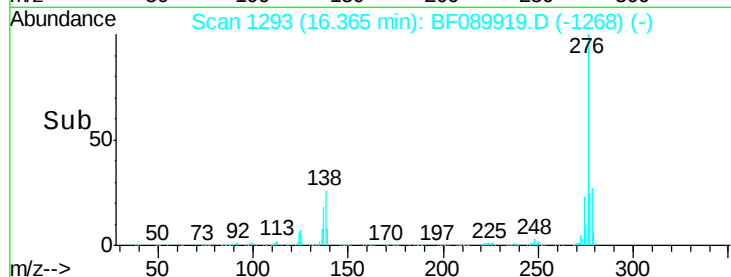
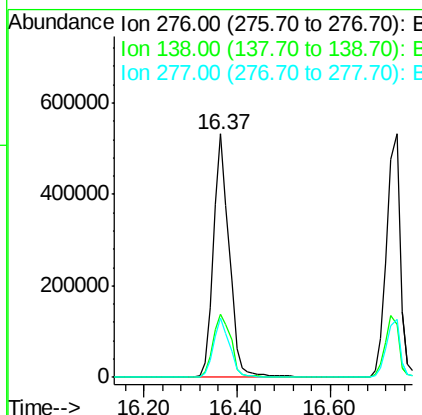
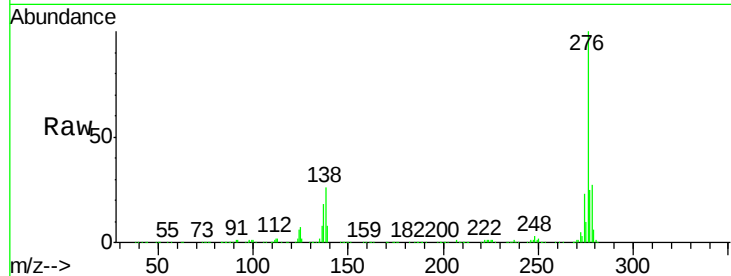




#85
Indeno(1,2,3-cd)pyrene
Concen: 27.54 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

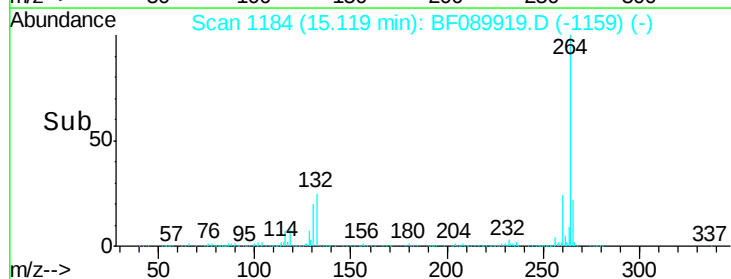
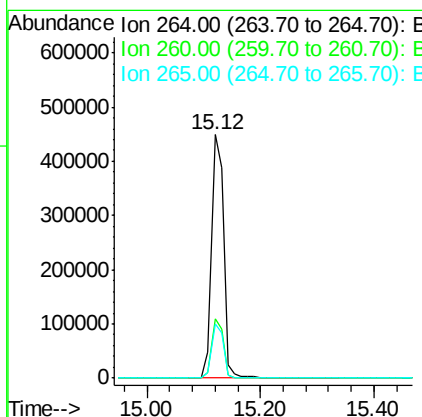
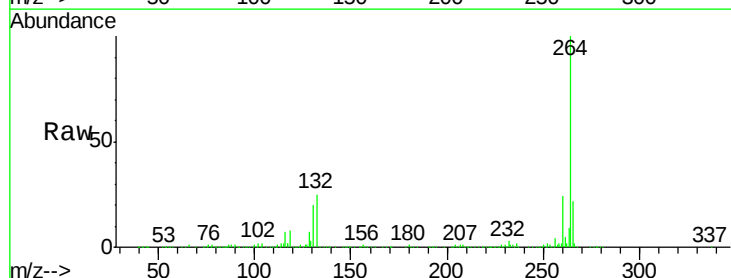
Instrument :
BNA_F
ClientSampleId :
PB93109BS

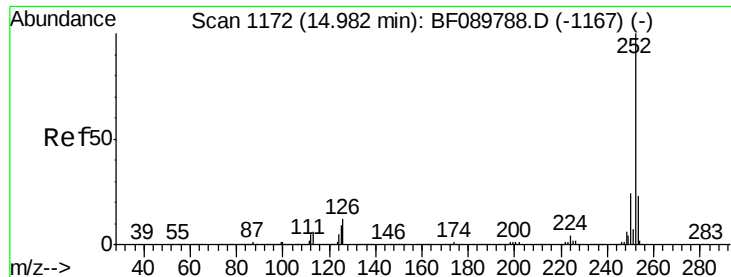
Tgt Ion: 276 Resp: 1254321
Ion Ratio Lower Upper
276 100
138 29.6 24.6 36.8
277 25.2 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089919.D
Acq: 26 Aug 2016 20:36

Tgt Ion: 264 Resp: 641600
Ion Ratio Lower Upper
264 100
260 24.3 20.2 30.2
265 22.3 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 72.34 ng

RT: 14.79 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

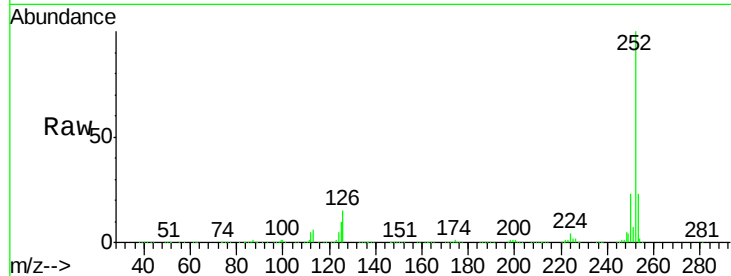
Tgt Ion:252 Resp: 2553340

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

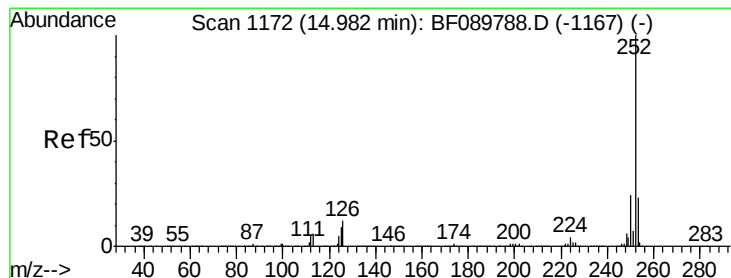
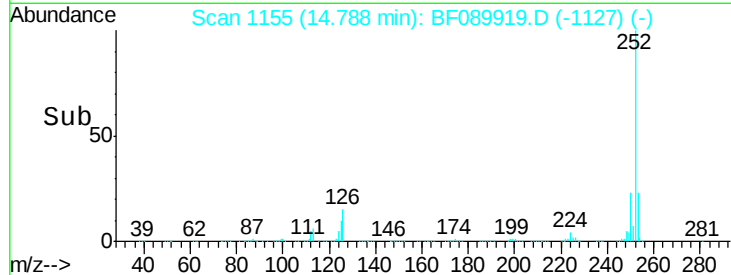
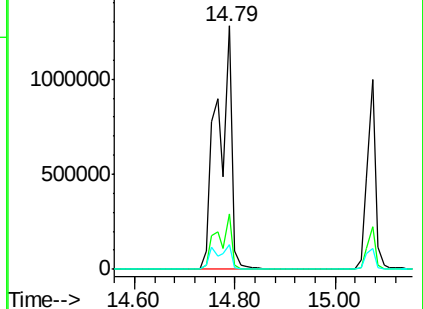
125 10.2 11.4 17.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 79.73 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

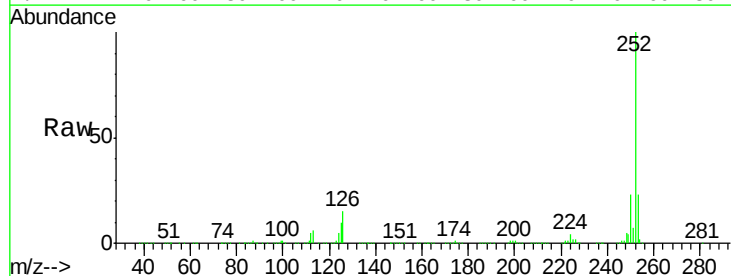
Tgt Ion:252 Resp: 2553340

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

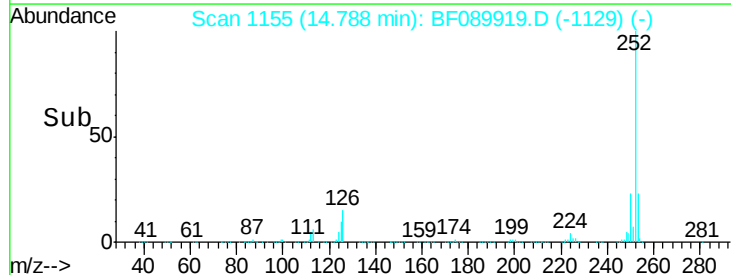
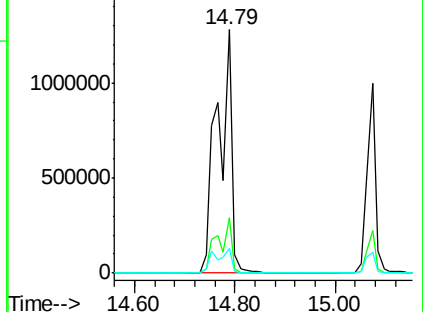
125 10.2 9.8 14.6

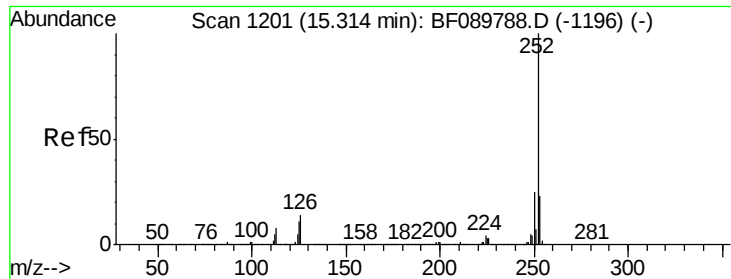


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.08 ng

RT: 15.07 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

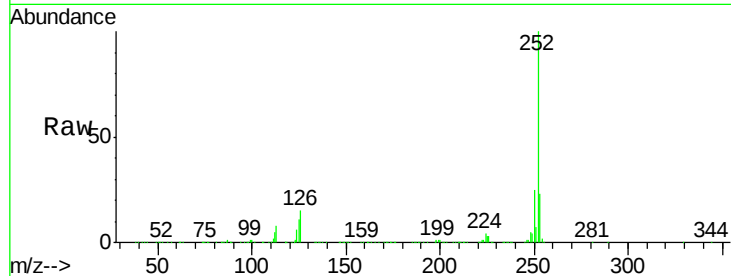
Tgt Ion:252 Resp: 1171869

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

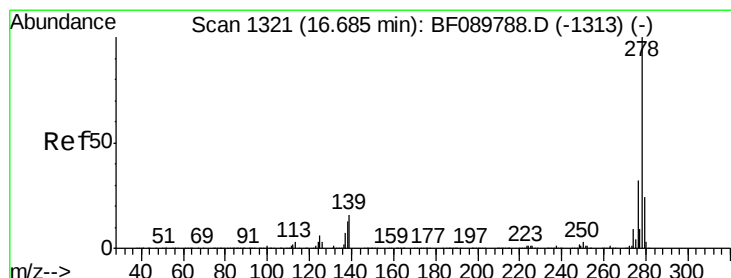
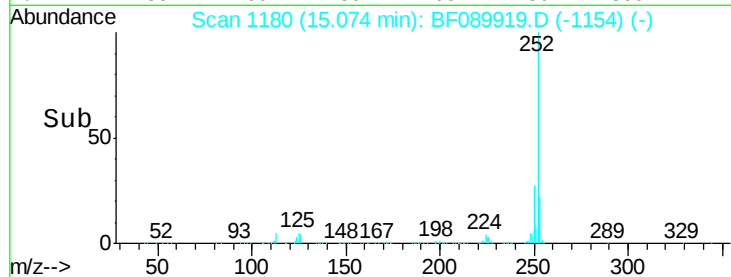
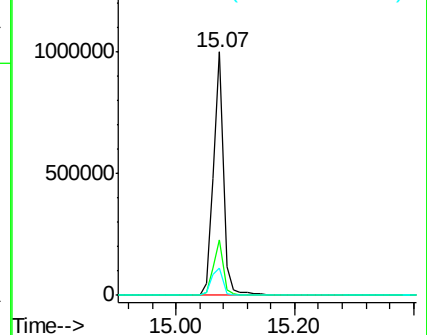
125 11.3 11.7 17.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.04 ng

RT: 16.39 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

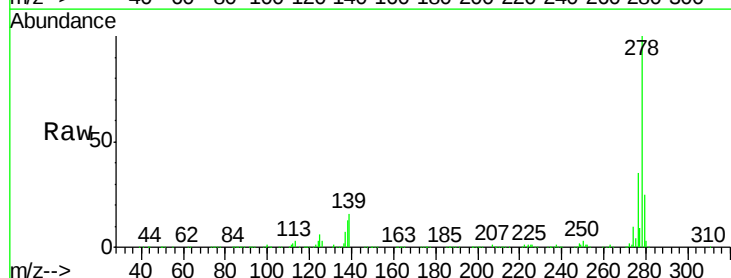
Tgt Ion:278 Resp: 1053139

Ion Ratio Lower Upper

278 100

139 16.5 14.9 22.3

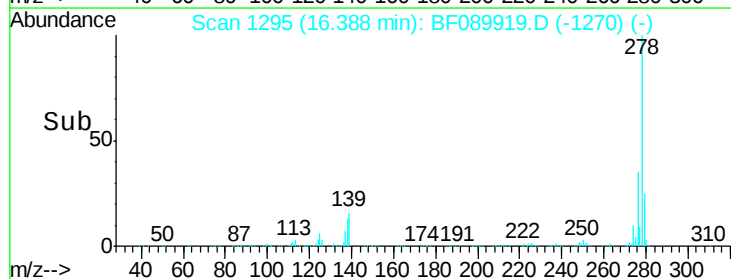
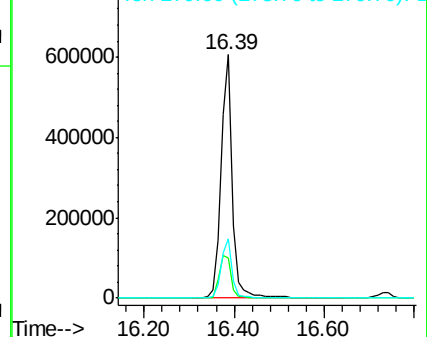
279 24.5 19.2 28.8

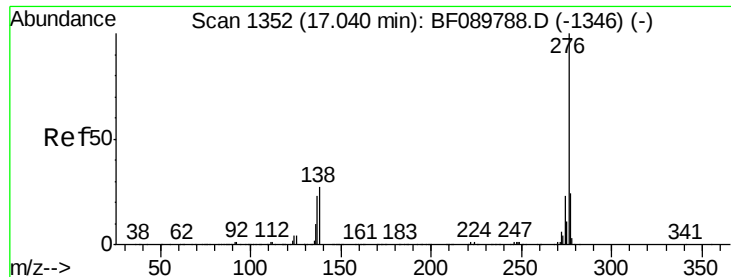


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 28.32 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF089919.D

Acq: 26 Aug 2016 20:36

Instrument :

BNA_F

ClientSampleId :

PB93109BS

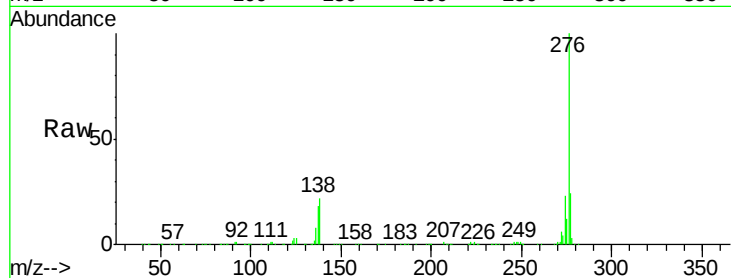
Tgt Ion:276 Resp: 1081322

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 21.8 22.1 33.1#



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

