

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
 Data File : BF089880.D
 Acq On : 24 Aug 2016 17:48
 Operator : UM/SJ
 Sample : PB93077BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Quant Time: Aug 25 12:19:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	422247	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	1696644	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	764868	20.00	ng	-0.01
63) Phenanthrene-d10	11.19	188	1476300	20.00	ng	0.00
75) Chrysene-d12	13.82	240	1126682	20.00	ng	-0.06
86) Perylene-d12	15.22	264	967288	20.00	ng	-0.15

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	3202070	130.05	ng	-0.01
7) Phenol-d6	6.31	99	3806786	125.95	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2203381	80.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	937712	129.00	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	3662703	84.16	ng	-0.01
78) Terphenyl-d14	12.78	244	3480749	69.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	406899	33.39	ng	# 95
3) Pyridine	2.82	79	1125112	35.20	ng	92
4) n-Nitrosodimethylamine	2.79	42	516132	43.38	ng	# 82
6) Aniline	6.33	93	1348107	33.25	ng	# 85
8) 2-Chlorophenol	6.46	128	1213130	41.20	ng	# 76
9) Benzaldehyde	6.20	77	269651	13.70	ng	86
10) Phenol	6.32	94	1214566	34.29	ng	84
11) bis(2-Chloroethyl)ether	6.41	93	1144901	41.68	ng	100
12) 1,3-Dichlorobenzene	6.60	146	1208762	39.27	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1268317	40.08	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1164897	39.44	ng	97
15) Benzyl Alcohol	6.82	79	925902	46.19	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1266301	36.02	ng	93
17) 2-Methylphenol	6.94	107	1034403	44.85	ng	96
18) Hexachloroethane	7.19	117	465536	41.25	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	778541	40.28	ng	91
20) 3+4-Methylphenols	7.10	107	1284306	45.42	ng	# 48
22) Acetophenone	7.08	105	1433850	36.80	ng	# 90
24) Nitrobenzene	7.26	77	1306045	42.62	ng	94
25) Isophorone	7.50	82	2195049	39.85	ng	98
26) 2-Nitrophenol	7.58	139	690888	45.19	ng	98
27) 2,4-Dimethylphenol	7.62	122	1223103	44.39	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1382683	40.57	ng	98
29) 2,4-Dichlorophenol	7.82	162	1075829	46.53	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	995103	38.91	ng	98
31) Naphthalene	7.98	128	3259156	41.10	ng	98
32) Benzoic acid	7.74	122	589394	27.45	ng	99
33) 4-Chloroaniline	8.02	127	716774	20.85	ng	# 86
34) Hexachlorobutadiene	8.10	225	514683	38.43	ng	98
35) Caprolactam	8.40	113	213056	30.26	ng	94
36) 4-Chloro-3-methylphenol	8.51	107	1065541	42.56	ng	91
37) 2-Methylnaphthalene	8.67	142	2276676	44.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	715287	28.88	ng	98
40) Hexachlorocyclopentadiene	8.83	237	923477	107.39	ng	98

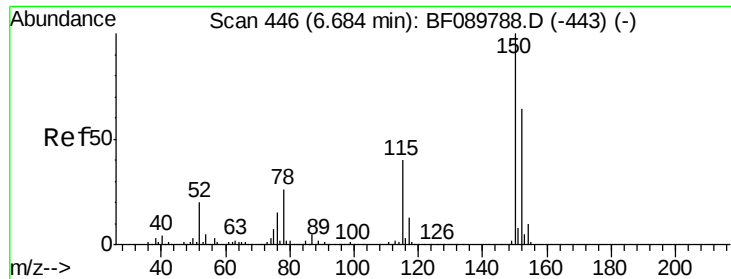
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
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 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	669486	42.96	ng	99
43) 2,4,5-Trichlorophenol	8.99	196	681228	43.96	ng	95
45) 1,1'-Biphenyl	9.13	154	2202914	37.22	ng	98
46) 2-Chloronaphthalene	9.15	162	1866869	39.90	ng	97
47) 2-Nitroaniline	9.26	65	624577	46.80	ng	# 66
48) Acenaphthylene	9.56	152	2928314	41.65	ng	99
49) Dimethylphthalate	9.45	163	2419926	44.93	ng	# 99
50) 2,6-Dinitrotoluene	9.50	165	491458	39.53	ng	91
51) Acenaphthene	9.74	154	2159337	46.41	ng	99
52) 3-Nitroaniline	9.67	138	433354	31.46	ng	# 65
53) 2,4-Dinitrophenol	9.77	184	513156	72.91	ng	# 78
54) Dibenzofuran	9.92	168	2815344	48.17	ng	# 87
55) 4-Nitrophenol	9.83	139	885580	78.76	ng	91
56) 2,4-Dinitrotoluene	9.90	165	650457	40.32	ng	# 69
57) Fluorene	10.25	166	1874098	40.24	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	569753	50.51	ng	97
59) Diethylphthalate	10.15	149	2398445	43.84	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	839882	39.53	ng	97
61) 4-Nitroaniline	10.27	138	593732	45.97	ng	95
62) Azobenzene	10.41	77	2320780	45.12	ng	94
64) 4,6-Dinitro-2-methylphenol	10.31	198	362208	42.70	ng	# 66
65) n-Nitrosodiphenylamine	10.38	169	2075914	44.72	ng	100
66) 4-Bromophenyl-phenylether	10.74	248	634795	41.01	ng	# 89
67) Hexachlorobenzene	10.80	284	686089	38.86	ng	# 88
68) Atrazine	10.90	200	531854	37.41	ng	95
69) Pentachlorophenol	10.99	266	727576	72.70	ng	98
70) Phenanthrene	11.21	178	3233305	43.36	ng	97
71) Anthracene	11.26	178	2933579	38.70	ng	99
72) Carbazole	11.42	167	3017455	44.39	ng	97
73) Di-n-butylphthalate	11.77	149	3693085	43.42	ng	# 97
74) Fluoranthene	12.39	202	2928598	41.29	ng	94
76) Benzidine	12.51	184	1350691	37.04	ng	97
77) Pyrene	12.62	202	3264533	35.58	ng	97
79) Butylbenzylphthalate	13.26	149	1744739	42.11	ng	98
80) Benzo(a)anthracene	13.81	228	2719330	42.15	ng	99
81) 3,3'-Dichlorobenzidine	13.78	252	692934	32.76	ng	# 93
82) Chrysene	13.84	228	2345888	42.41	ng	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	2190889	38.38	ng	98
84) Di-n-octyl phthalate	14.47	149	3885959	51.23	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.50	276	2248361	31.86	ng	100
87) Benzo(b)fluoranthene	14.88	252	4717792	88.66	ng	# 95
88) Benzo(k)fluoranthene	14.88	252	4719292	97.75	ng	98
89) Benzo(a)pyrene	15.17	252	2116977	42.03	ng	98
90) Dibenzo(a,h)anthracene	16.51	278	1900032	34.76	ng	96
91) Benzo(g,h,i)perylene	16.88	276	1921539	33.38	ng	99

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

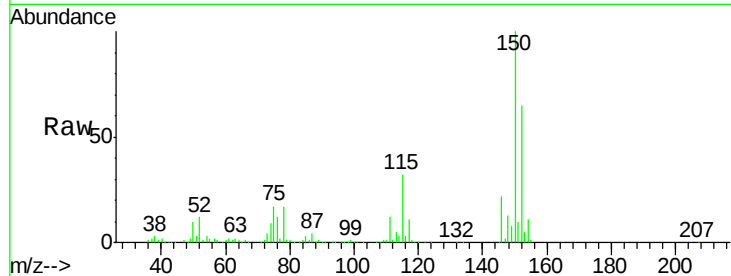


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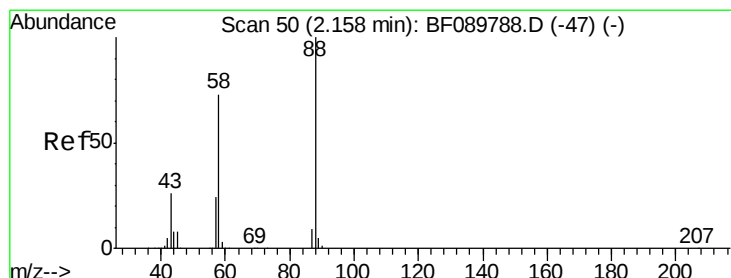
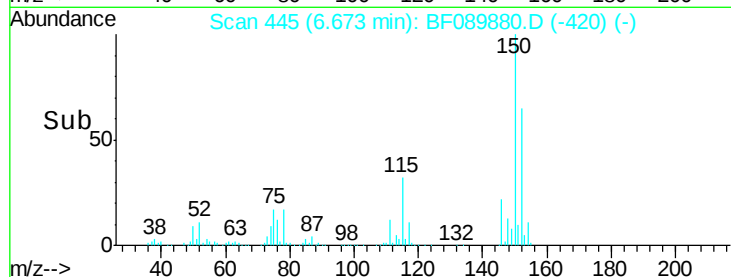
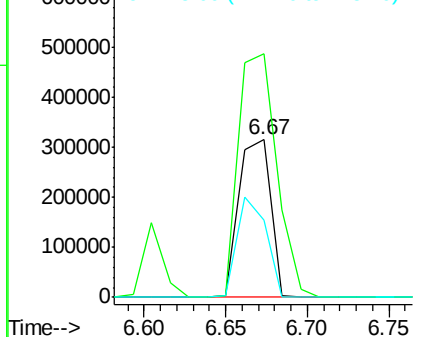
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tgt Ion:152 Resp: 422247
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 49.0 40.9 61.3



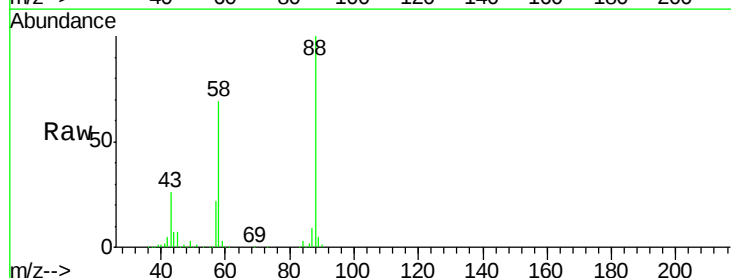
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



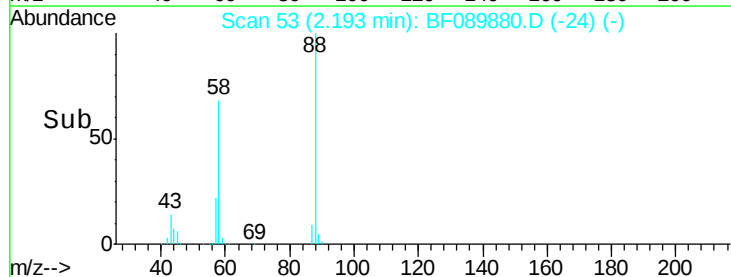
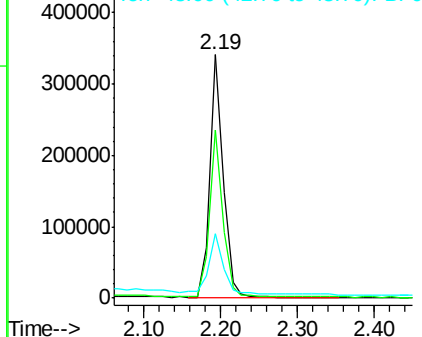
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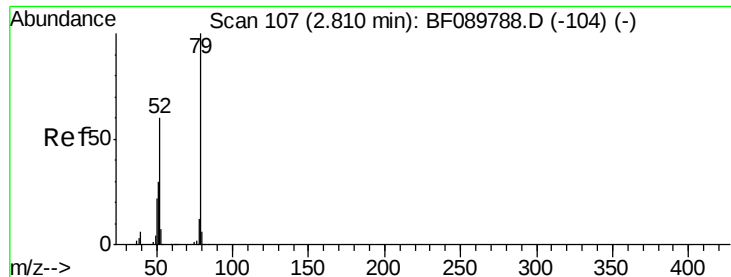
1,4-Dioxane
Concen: 33.39 ng
RT: 2.19 min Scan# 53
Delta R.T. 0.03 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion: 88 Resp: 406899
Ion Ratio Lower Upper
88 100
58 69.2 57.0 85.4
43 32.9 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: 35.20 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

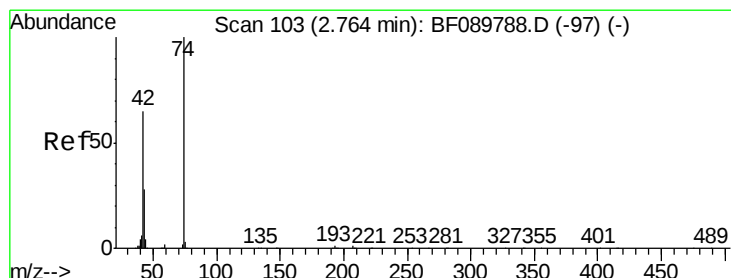
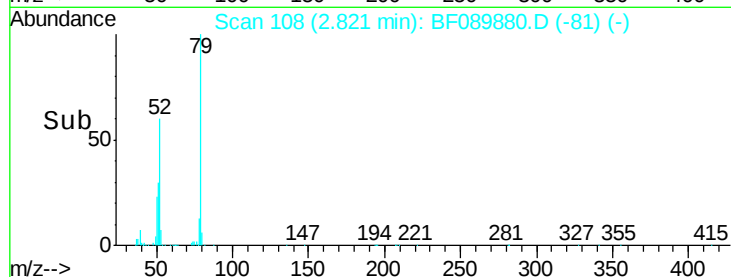
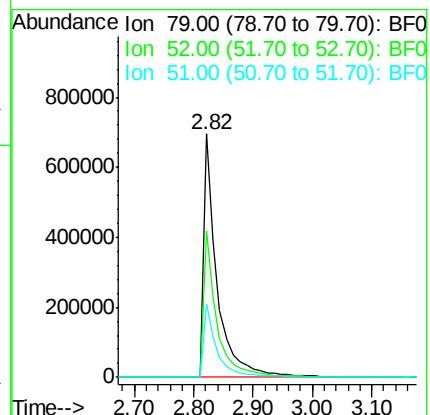
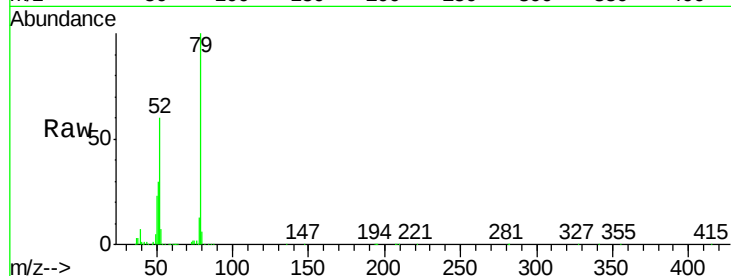
Tgt Ion: 79 Resp: 1125112

Ion Ratio Lower Upper

79 100

52 60.1 53.6 80.4

51 30.2 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 43.38 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

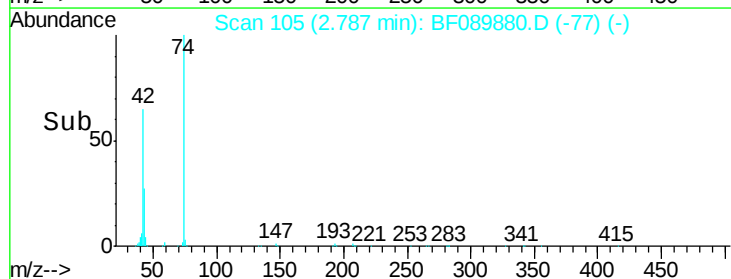
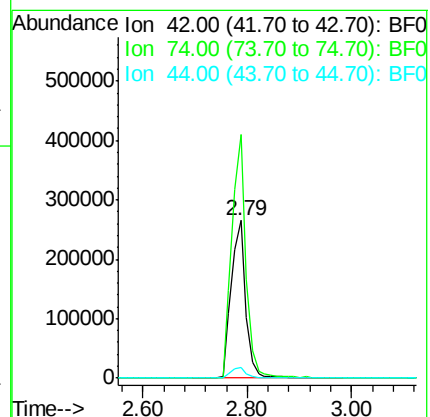
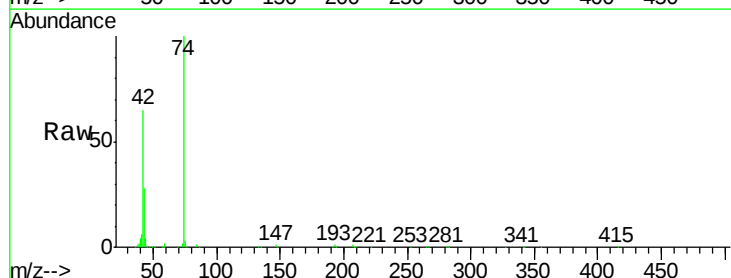
Tgt Ion: 42 Resp: 516132

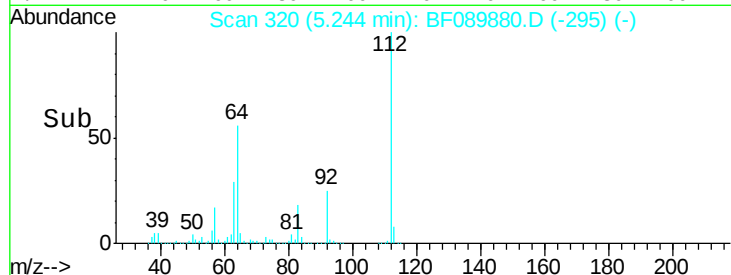
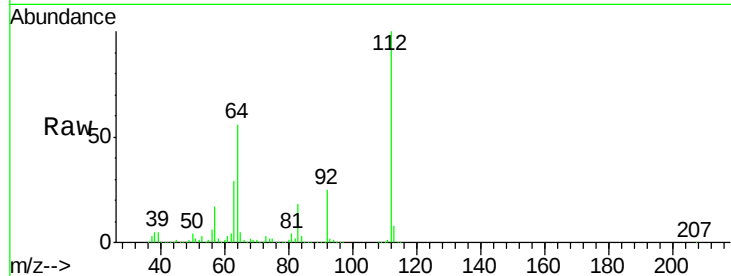
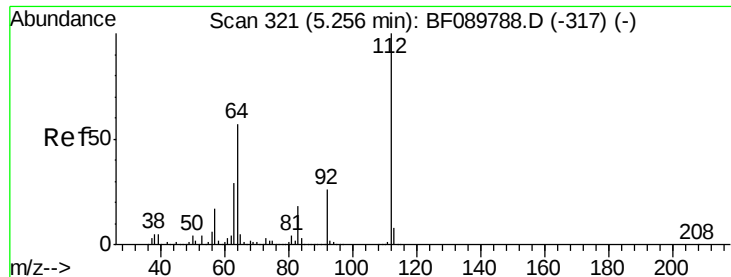
Ion Ratio Lower Upper

42 100

74 154.7 106.2 159.2

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 130.05 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

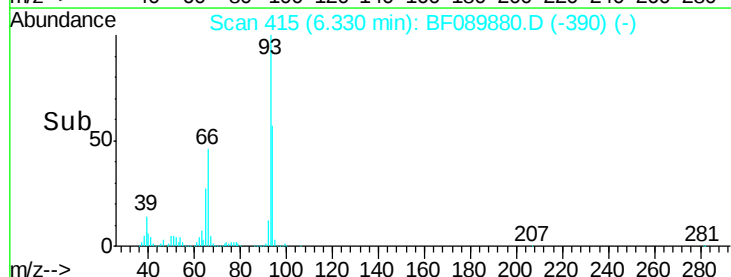
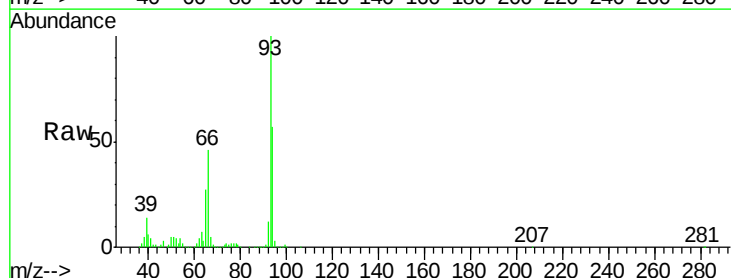
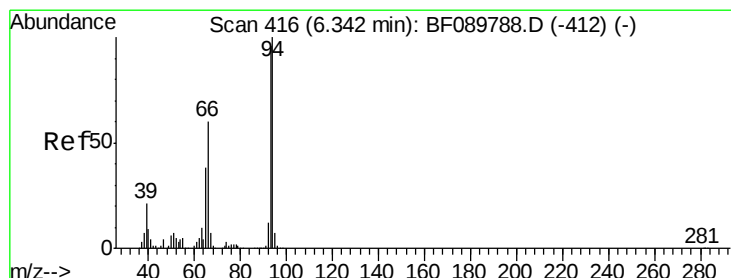
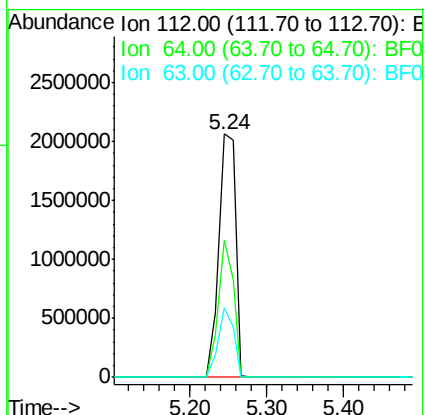
Tgt Ion:112 Resp: 3202070

Ion Ratio Lower Upper

112 100

64 56.3 45.0 67.4

63 28.6 23.1 34.7



#6

Aniline

Concen: 33.25 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

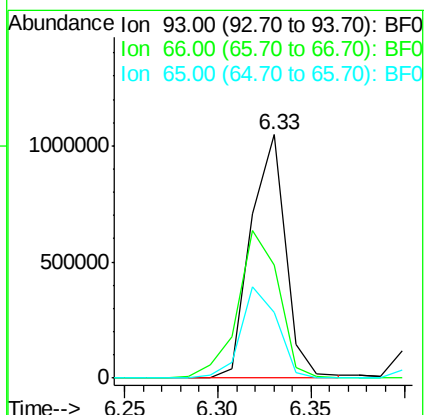
Tgt Ion: 93 Resp: 1348107

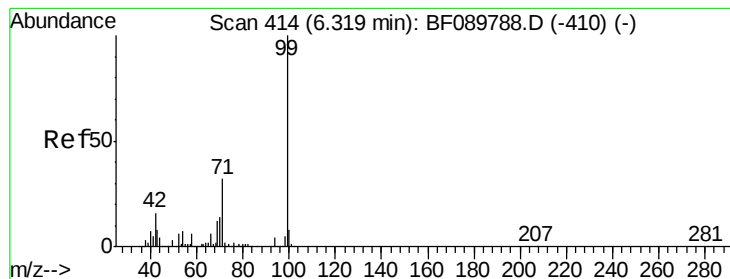
Ion Ratio Lower Upper

93 100

66 46.4 30.6 46.0#

65 26.9 15.4 23.2#





#7

Phenol-d6

Concen: 125.95 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

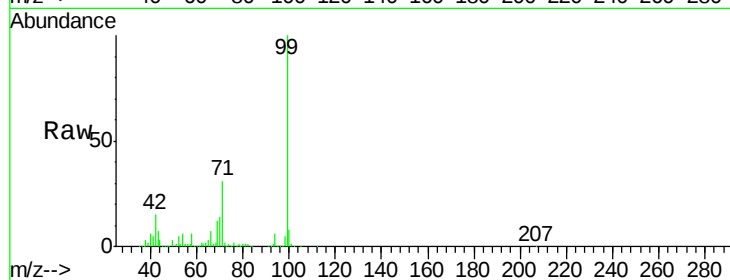
Tgt Ion: 99 Resp: 3806786

Ion Ratio Lower Upper

99 100

42 14.6 12.2 18.4

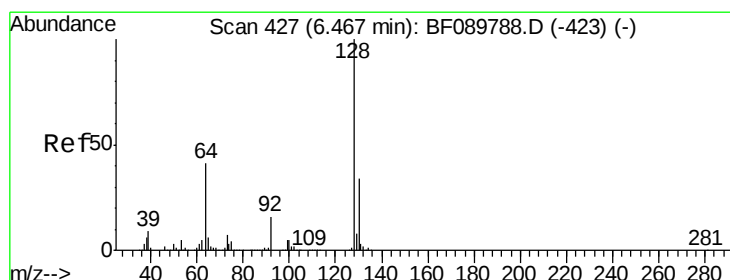
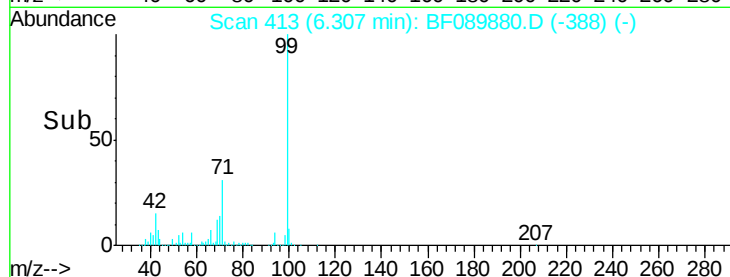
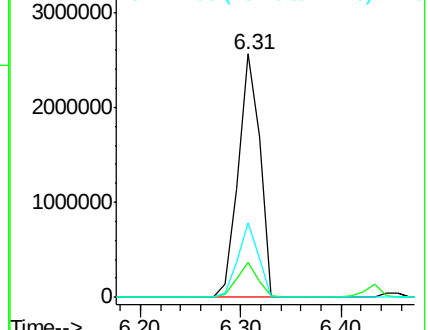
71 30.7 23.8 35.8



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



#8

2-Chlorophenol

Concen: 41.20 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

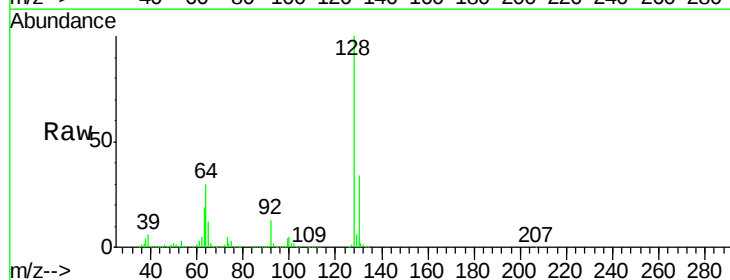
Tgt Ion: 128 Resp: 1213130

Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

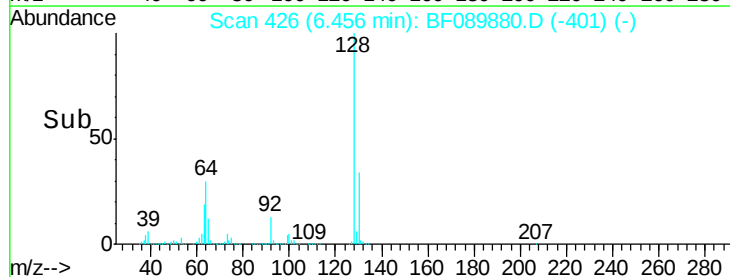
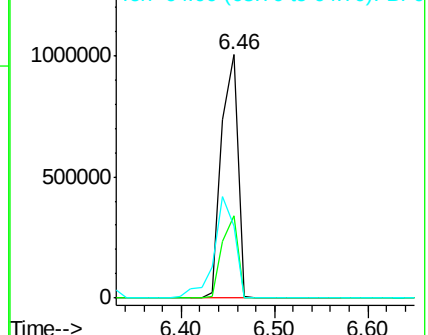
64 29.5 35.1 75.1#

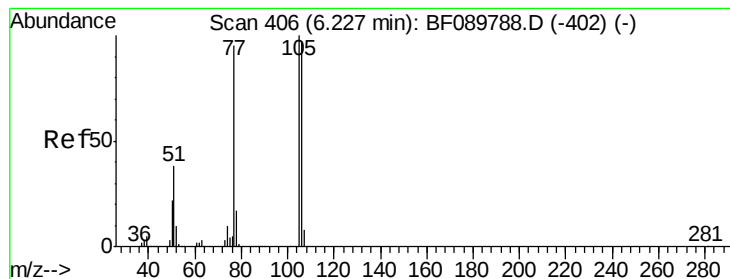


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.70 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

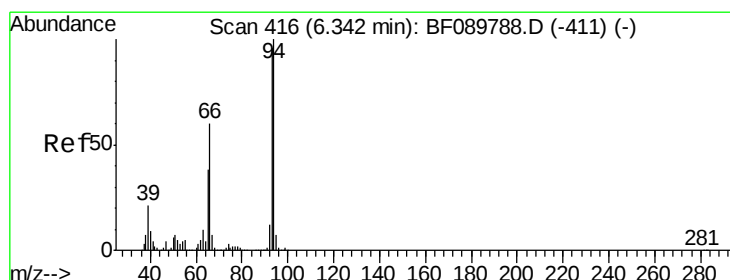
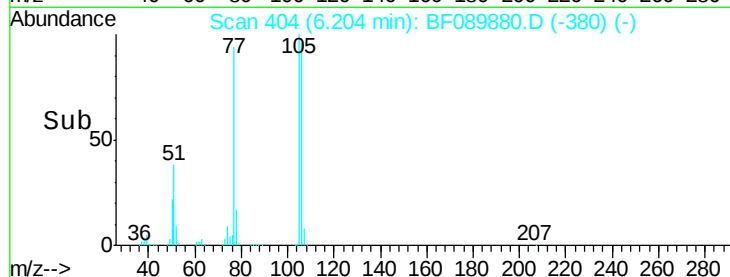
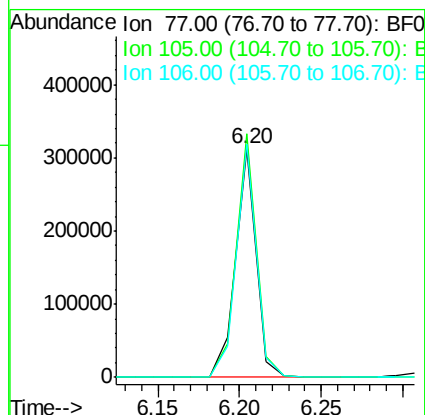
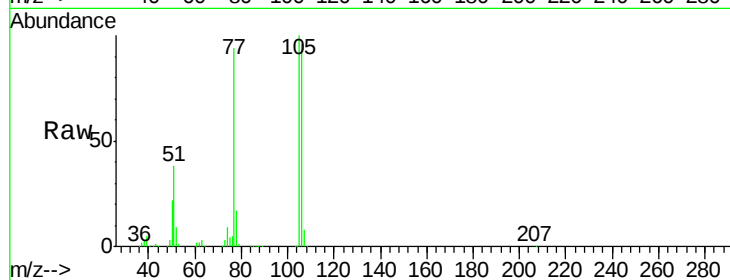
Tgt Ion: 77 Resp: 269651

Ion Ratio Lower Upper

77 100

105 106.4 73.3 113.3

106 102.0 68.6 108.6



#10

Phenol

Concen: 34.29 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

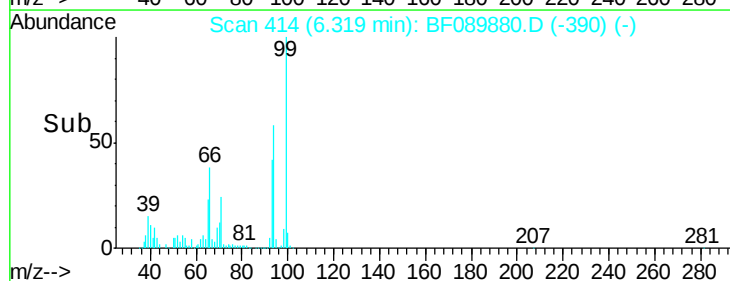
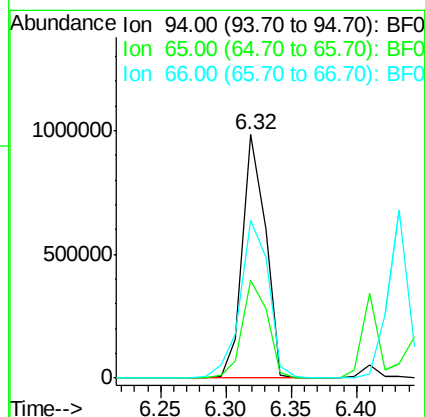
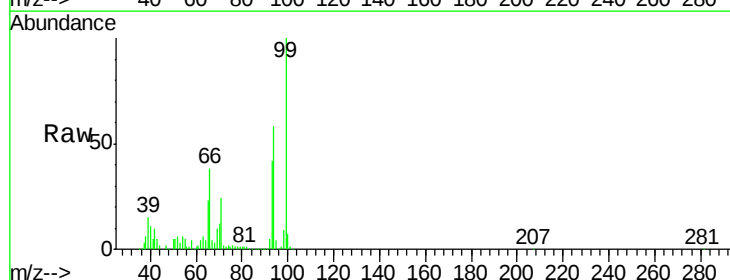
Tgt Ion: 94 Resp: 1214566

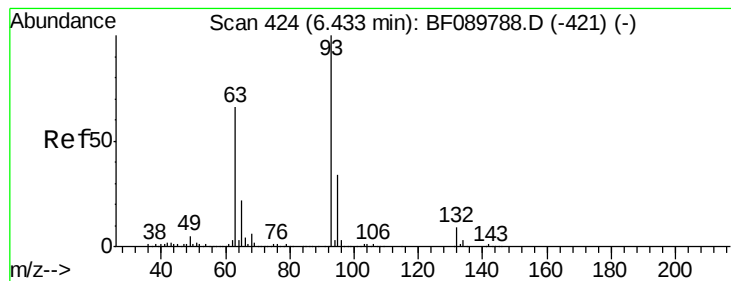
Ion Ratio Lower Upper

94 100

65 40.0 14.0 54.0

66 64.7 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 41.68 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

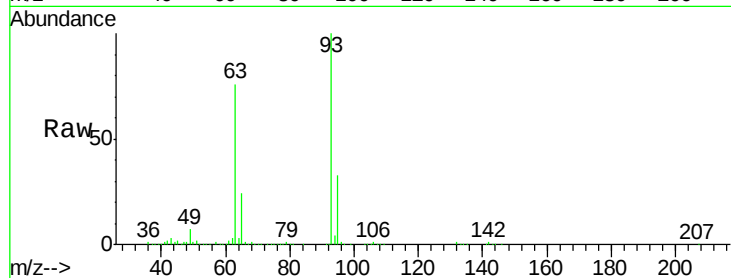
Tgt Ion: 93 Resp: 1144901

Ion Ratio Lower Upper

93 100

63 76.0 55.8 95.8

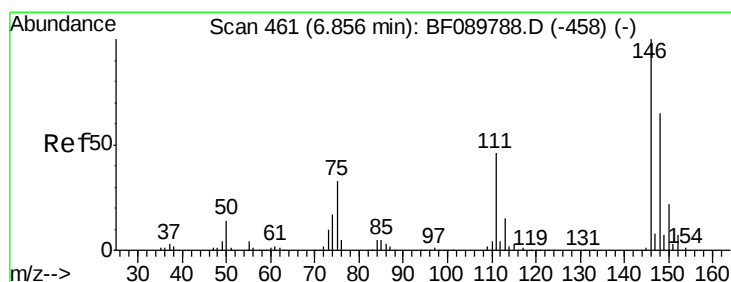
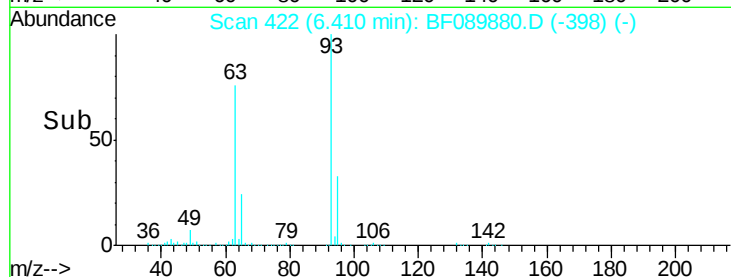
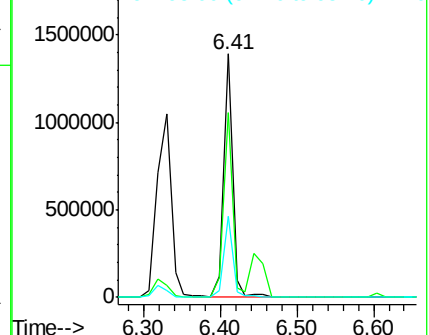
95 33.5 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.27 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

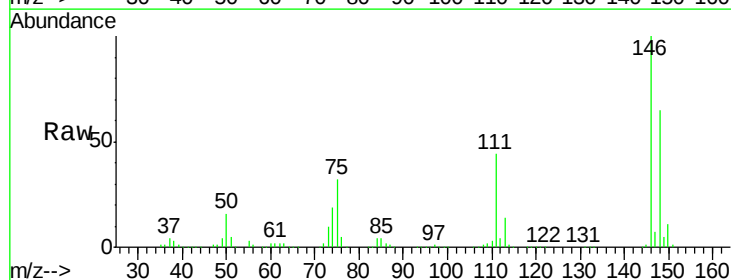
Tgt Ion: 146 Resp: 1208762

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.4

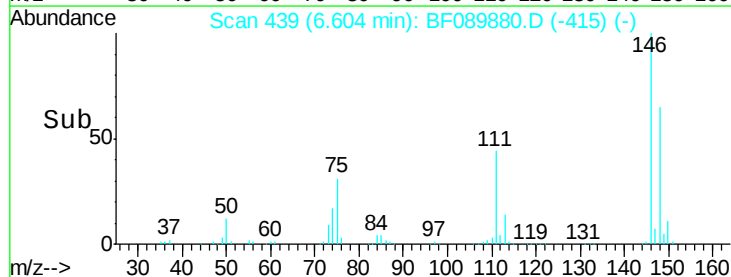
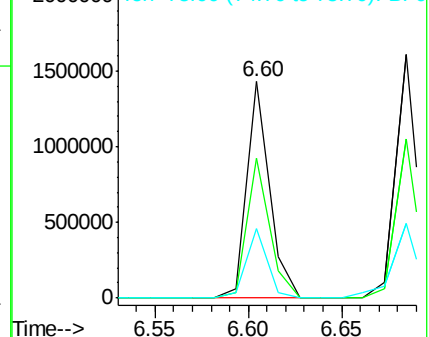
75 32.1 27.0 40.6

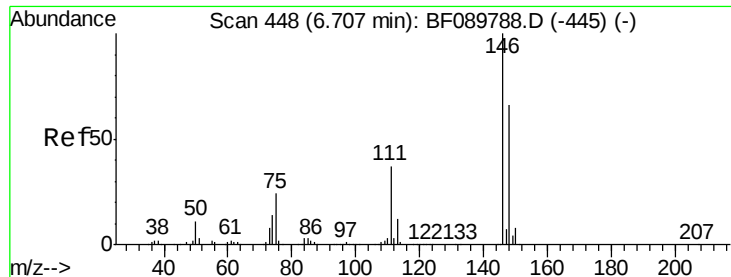


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

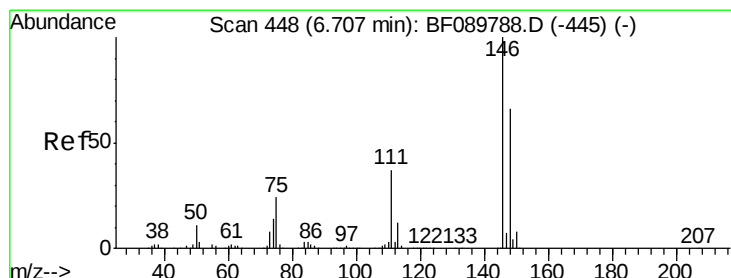
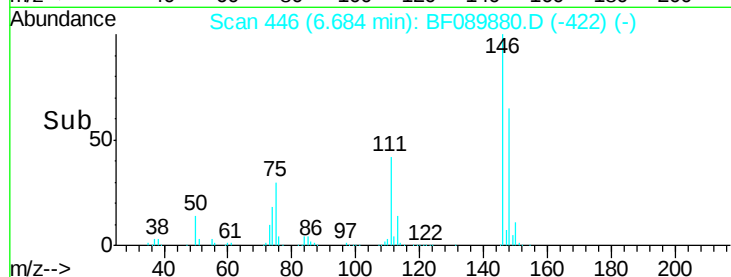
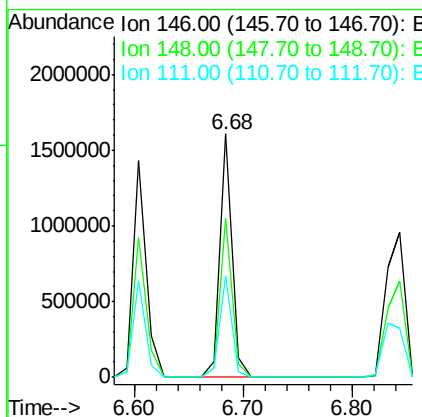
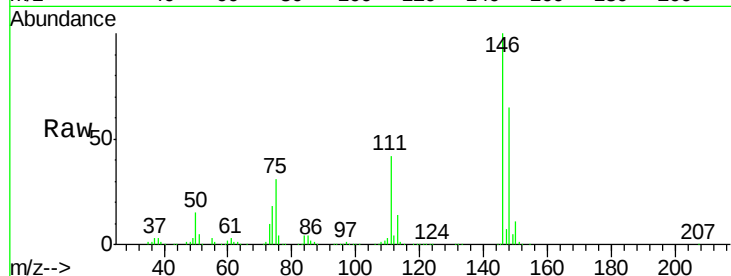




#13
 1,4-Dichlorobenzene
 Concen: 40.08 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

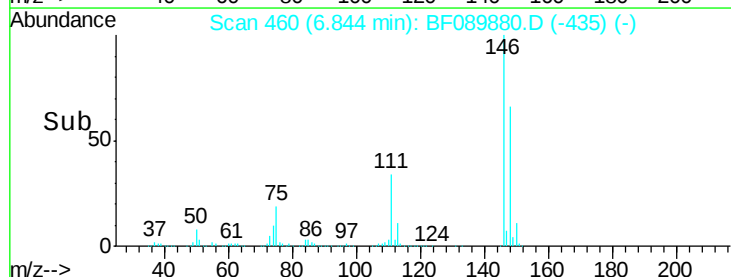
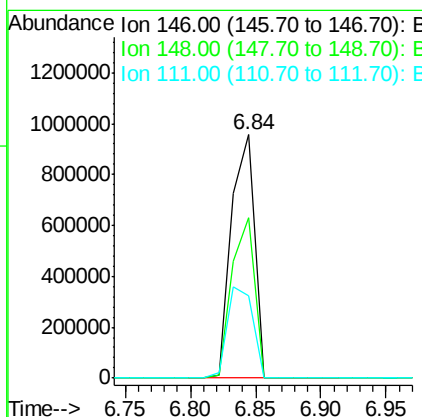
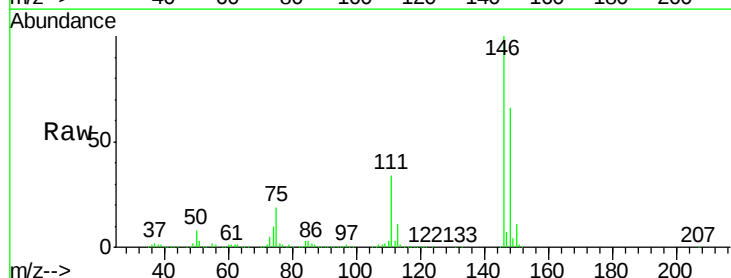
Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

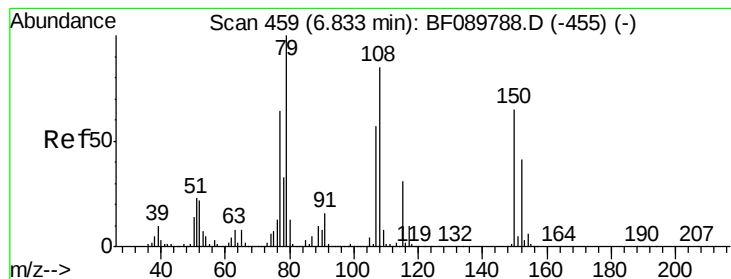
Tgt Ion:146 Resp: 1268317
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.6
 111 41.6 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.44 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:146 Resp: 1164897
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.2 78.2
 111 33.7 29.8 44.6





#15

Benzyl Alcohol

Concen: 46.19 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

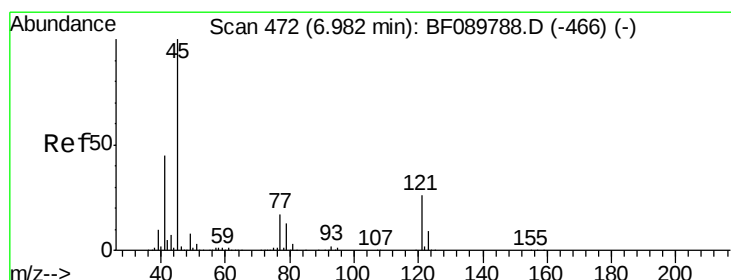
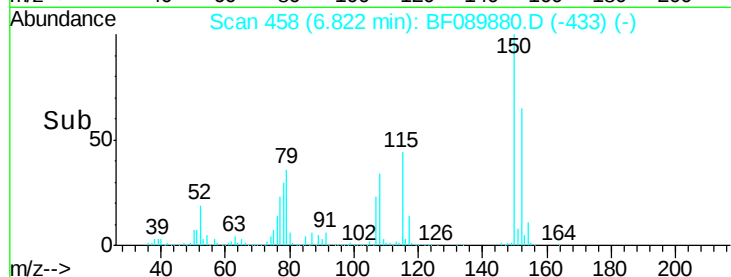
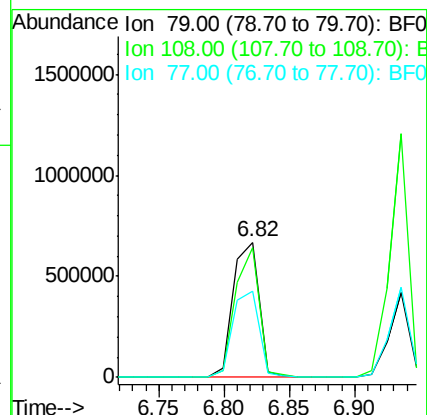
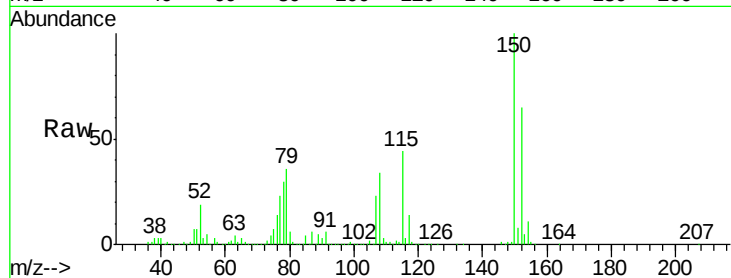
Tgt Ion: 79 Resp: 925902

Ion Ratio Lower Upper

79 100

108 96.0 62.5 93.7#

77 64.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.02 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

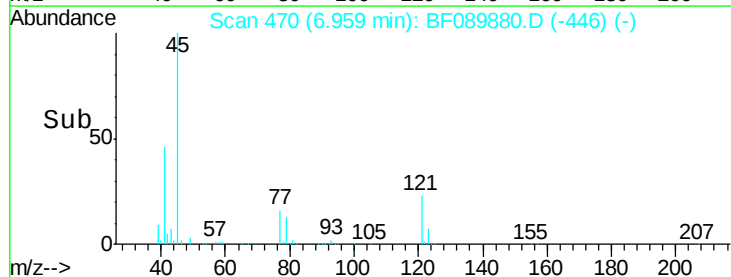
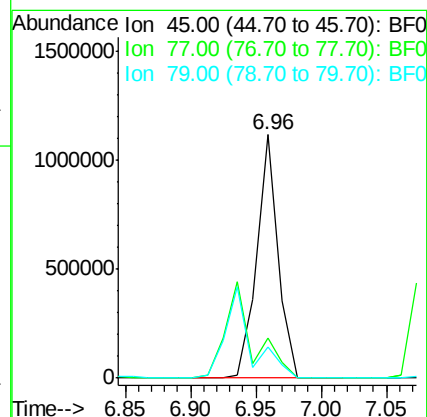
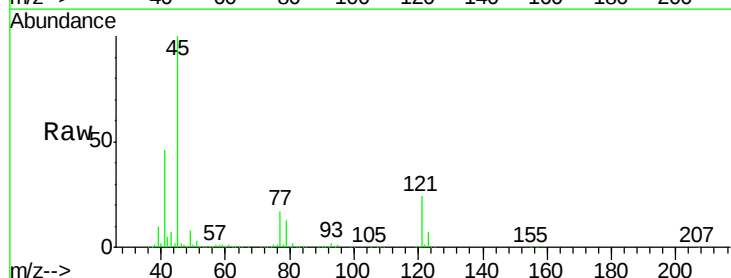
Tgt Ion: 45 Resp: 1266301

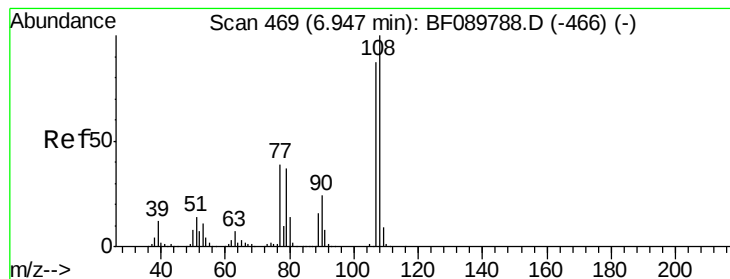
Ion Ratio Lower Upper

45 100

77 16.5 0.0 33.5

79 12.8 0.0 30.7

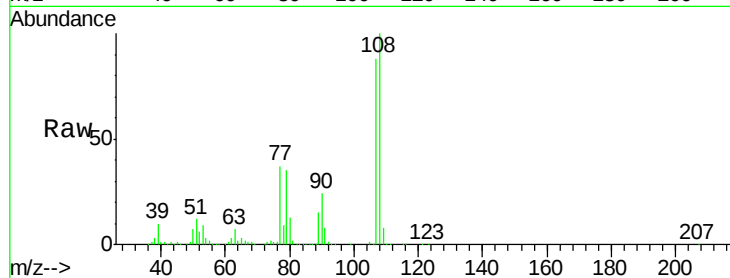




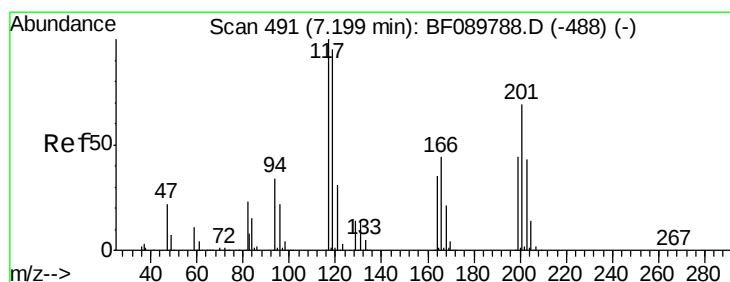
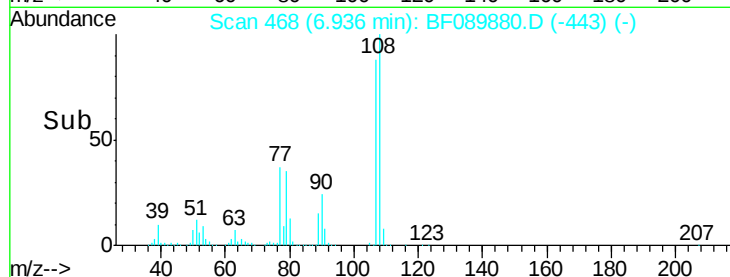
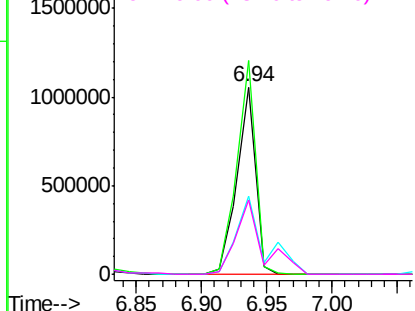
#17
2-Methylphenol
Concen: 44.85 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tgt Ion:107 Resp: 1034403
Ion Ratio Lower Upper
107 100
108 114.2 91.0 136.4
77 42.1 37.4 56.0
79 39.8 36.6 55.0

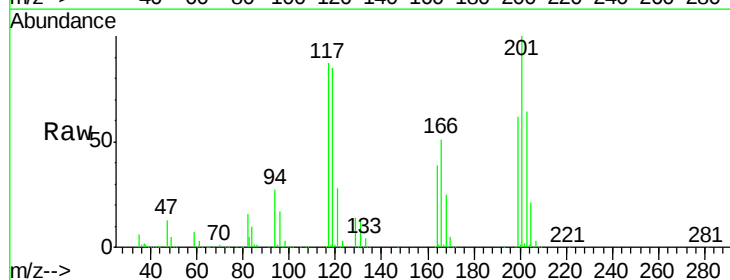


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

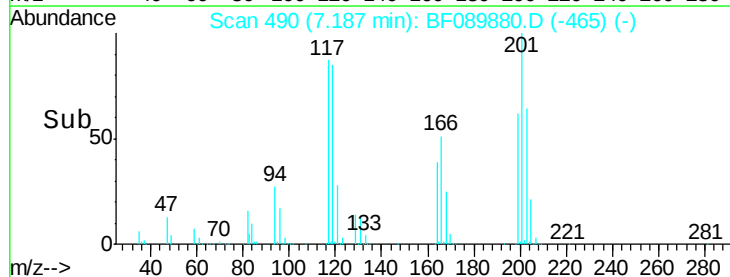
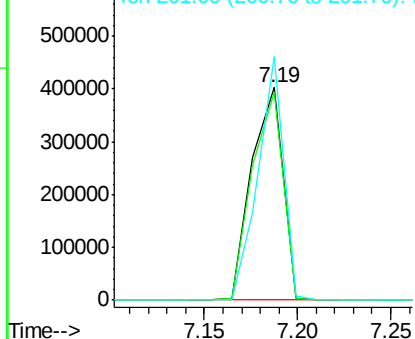


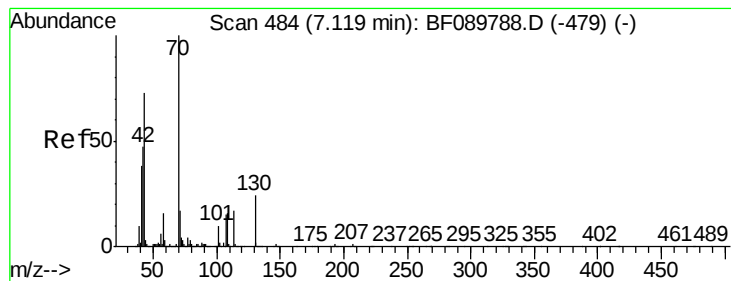
#18
Hexachloroethane
Concen: 41.25 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:117 Resp: 465536
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
201 114.6 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: 40.28 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

Tgt Ion: 70 Resp: 778541

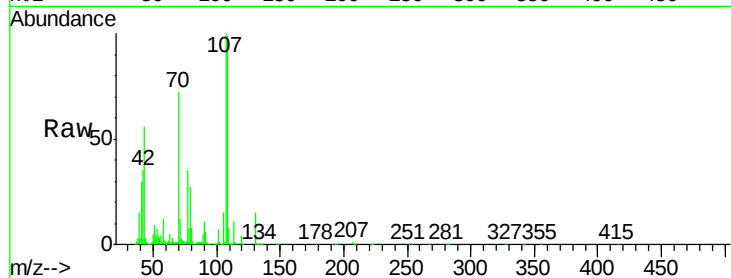
Ion Ratio Lower Upper

70 100

42 49.3 46.3 69.5

101 9.5 7.0 10.6

130 20.8 14.4 21.6

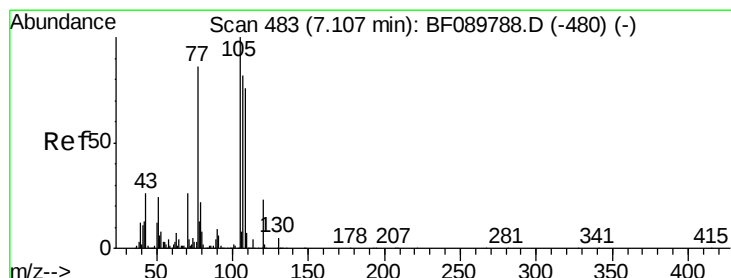
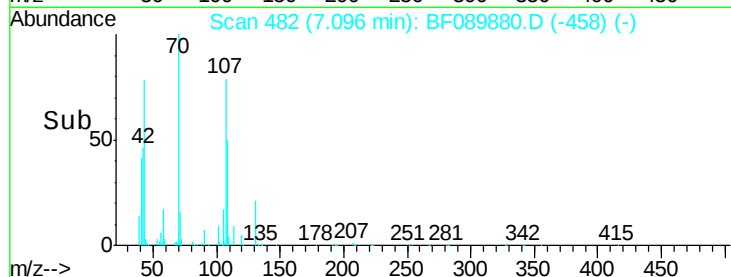
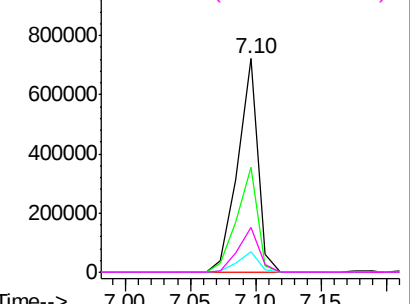


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.42 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion: 107 Resp: 1284306

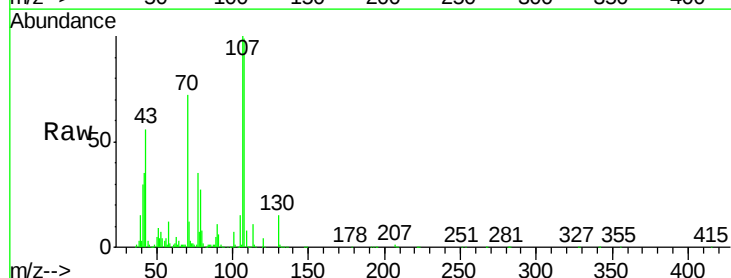
Ion Ratio Lower Upper

107 100

108 99.4 68.2 108.2

77 35.0 122.3 162.3#

79 27.3 8.2 48.2

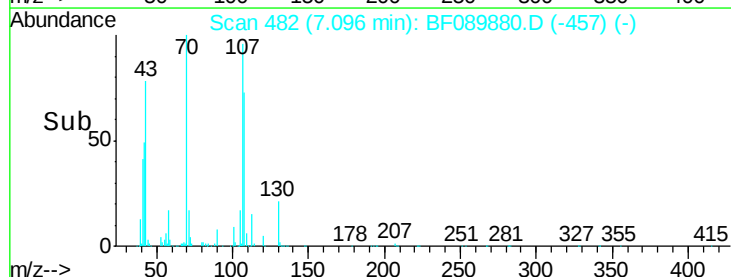
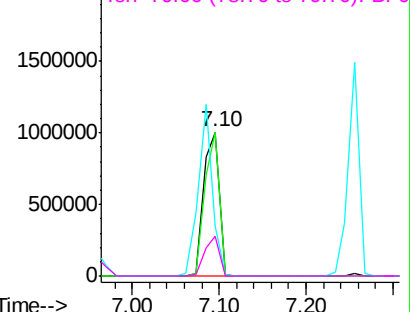


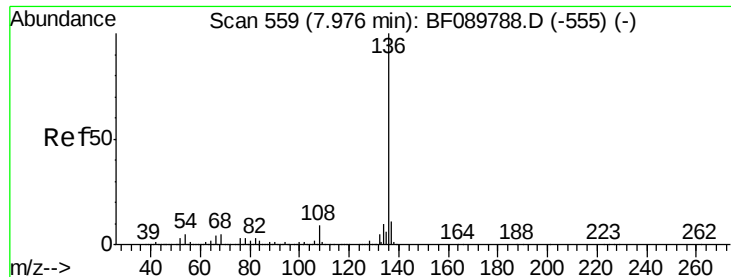
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampled :

PB93077BS

Tgt Ion:136 Resp: 1696644

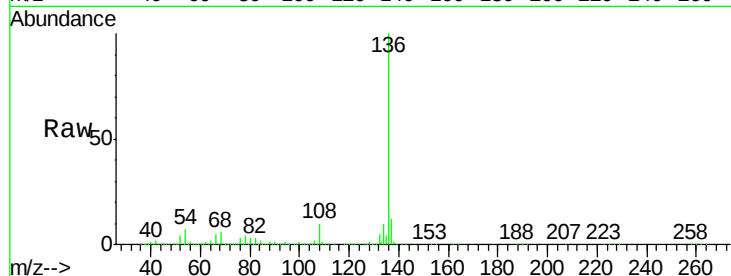
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 7.1 7.2 10.8#

68 6.2 5.8 8.8

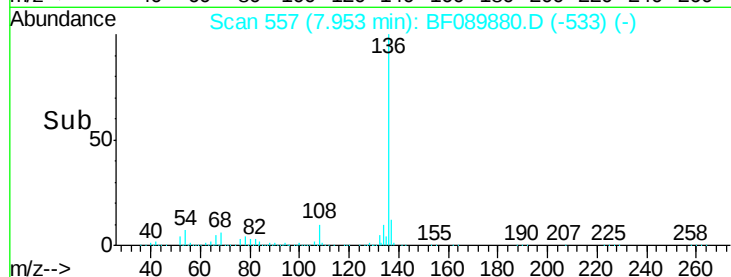


Abundance Ion 136.00 (135.70 to 136.70): E

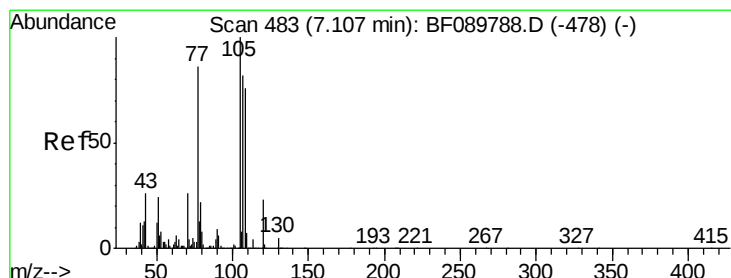
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.80 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:105 Resp: 1433850

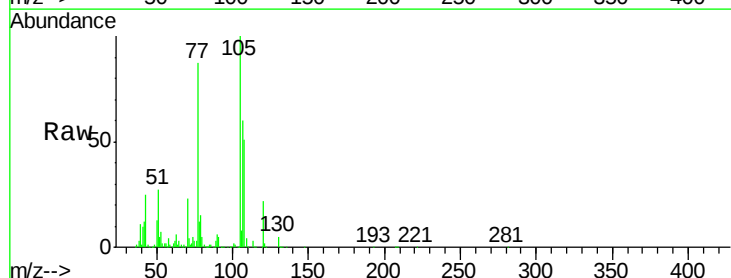
Ion Ratio Lower Upper

105 100

71 3.8 1.9 2.9#

51 27.0 28.5 42.7#

120 22.0 16.6 25.0

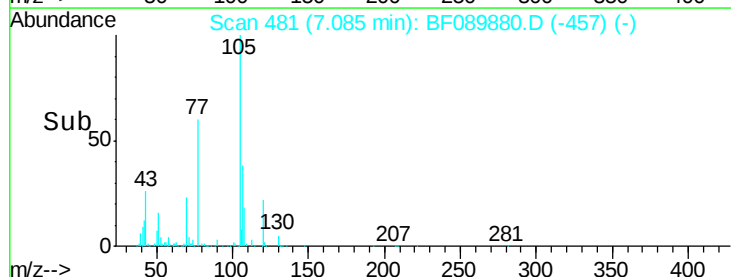


Abundance Ion 105.00 (104.70 to 105.70): E

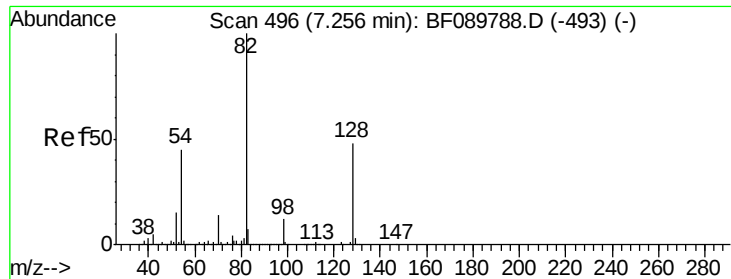
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



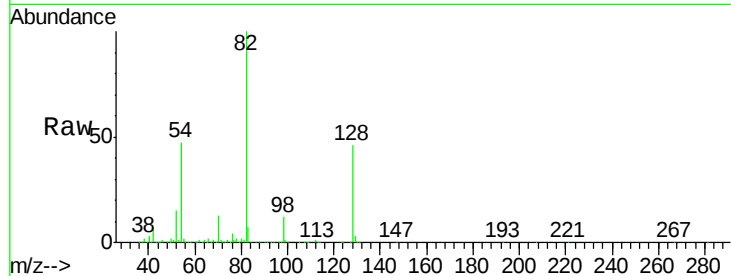
Time-->



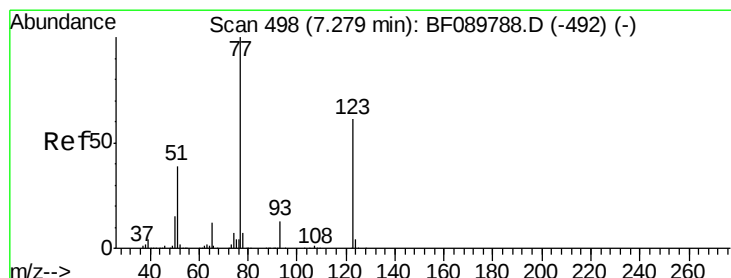
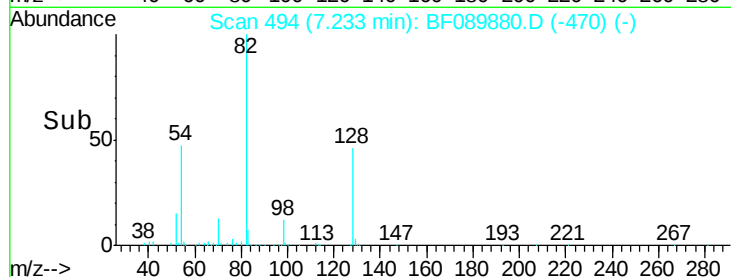
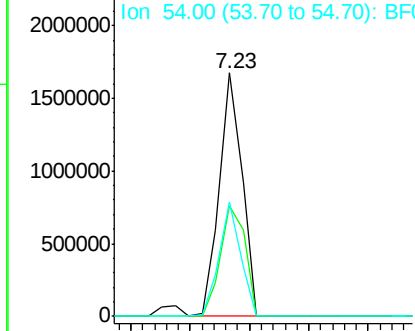
#23
 Nitrobenzene-d5
 Concen: 80.68 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tgt Ion: 82 Resp: 2203381
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.4 51.6
 54 46.8 40.3 60.5

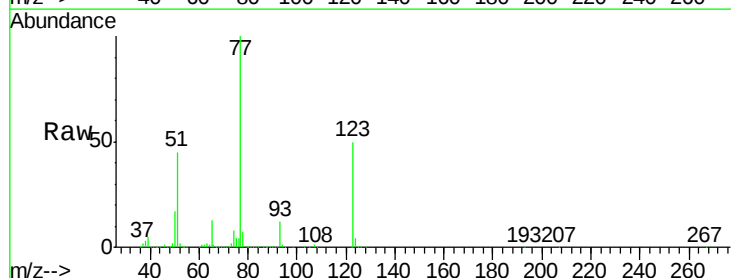


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

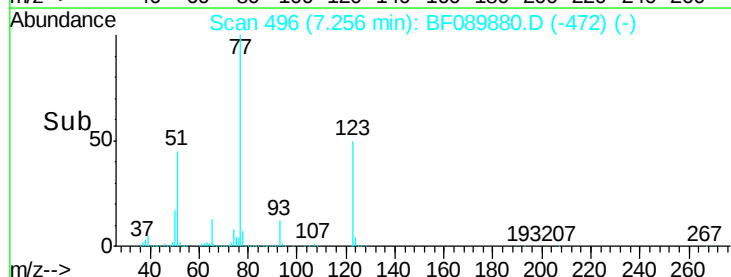
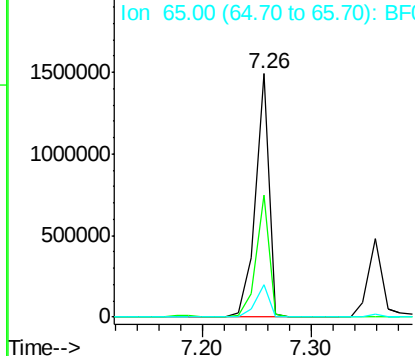


#24
 Nitrobenzene
 Concen: 42.62 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion: 77 Resp: 1306045
 Ion Ratio Lower Upper
 77 100
 123 50.1 36.2 54.2
 65 13.4 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: 39.85 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

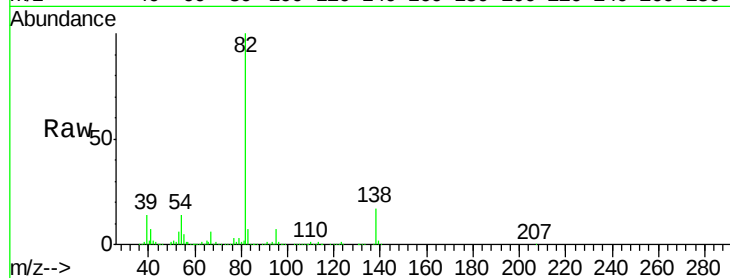
Tgt Ion: 82 Resp: 2195049

Ion Ratio Lower Upper

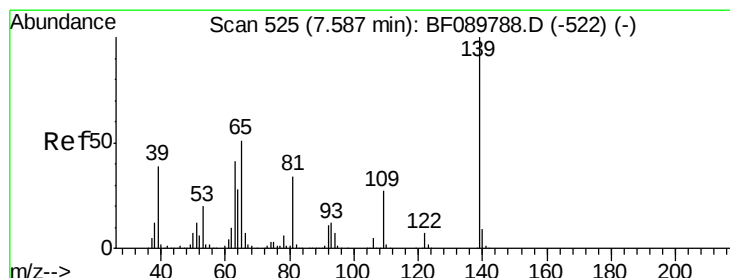
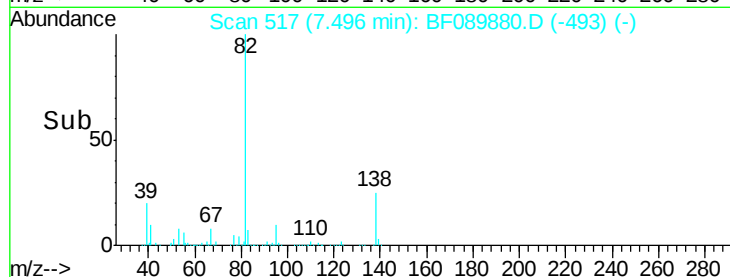
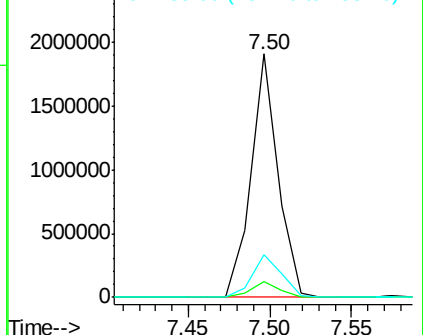
82 100

95 6.7 5.3 7.9

138 17.3 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.19 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

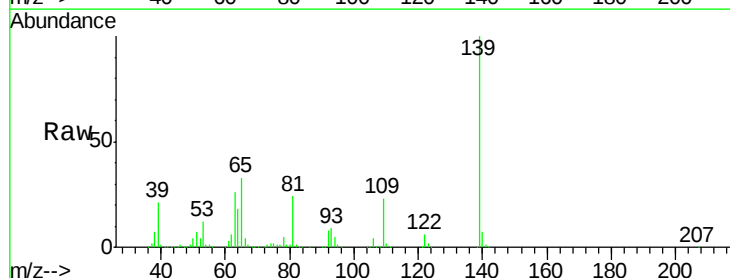
Tgt Ion: 139 Resp: 690888

Ion Ratio Lower Upper

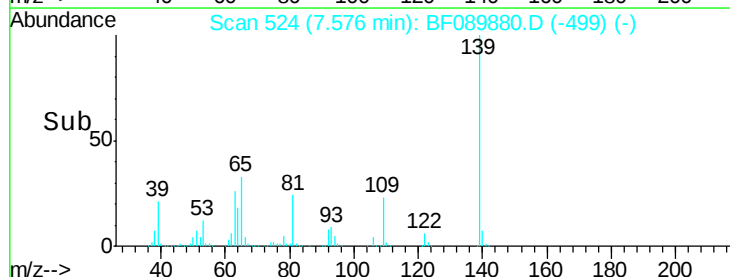
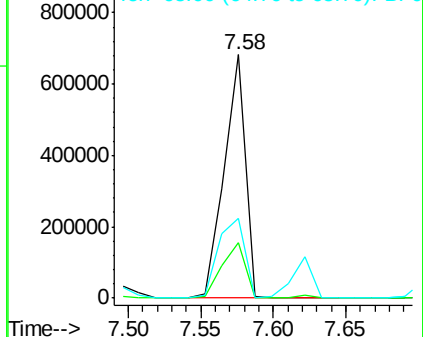
139 100

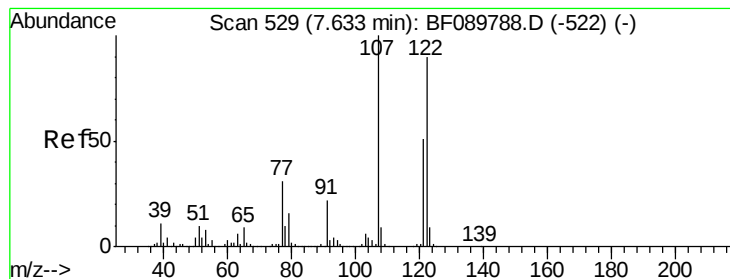
109 22.7 19.5 29.3

65 32.8 26.5 39.7



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





#27

2,4-Dimethylphenol

Concen: 44.39 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

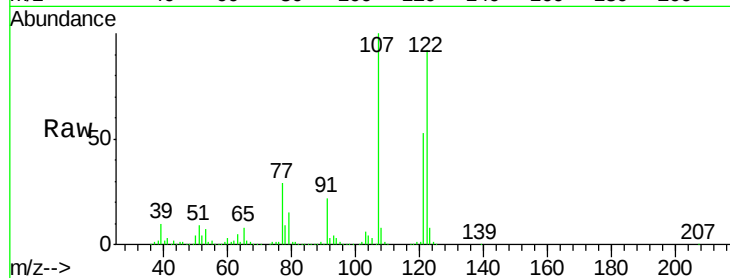
Tgt Ion:122 Resp: 1223103

Ion Ratio Lower Upper

122 100

107 109.0 84.8 127.2

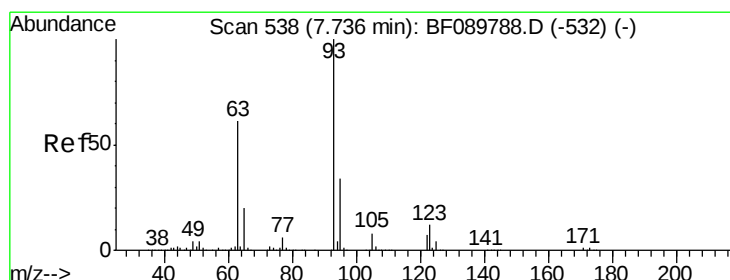
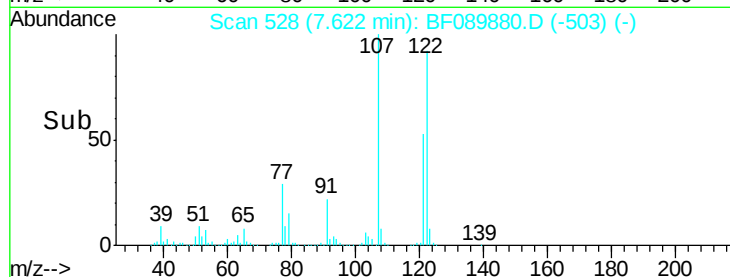
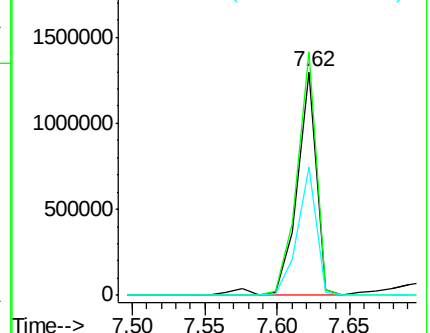
121 57.5 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.57 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

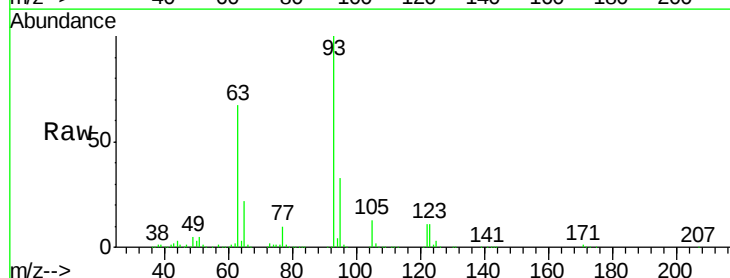
Tgt Ion: 93 Resp: 1382683

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

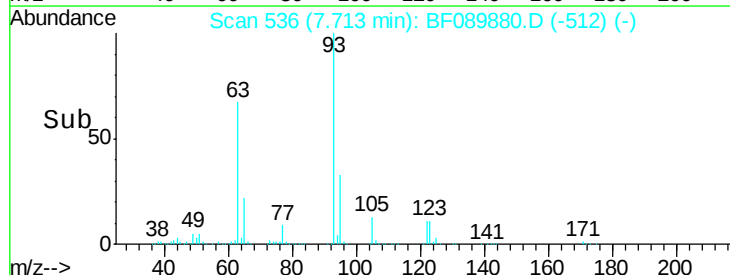
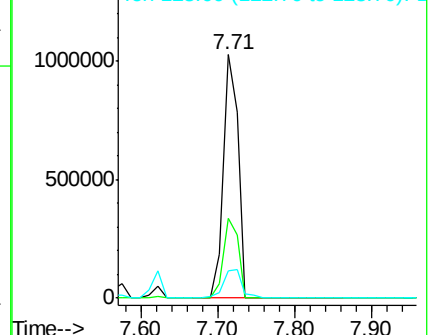
123 11.1 8.5 12.7

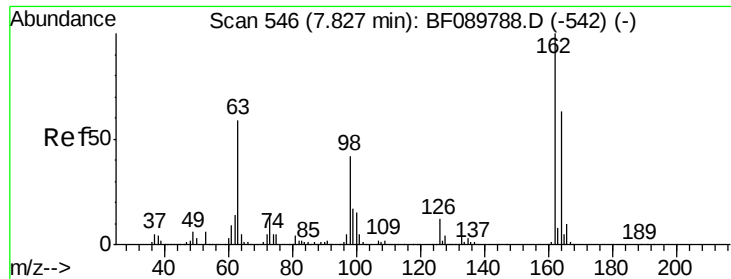


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

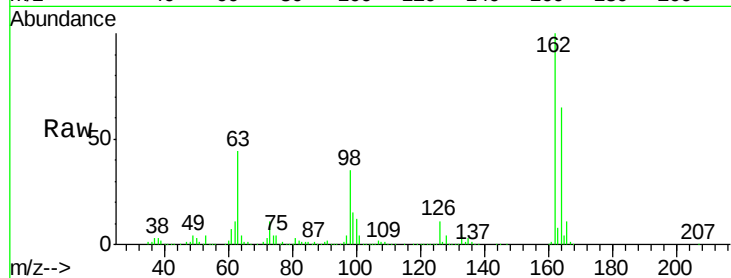




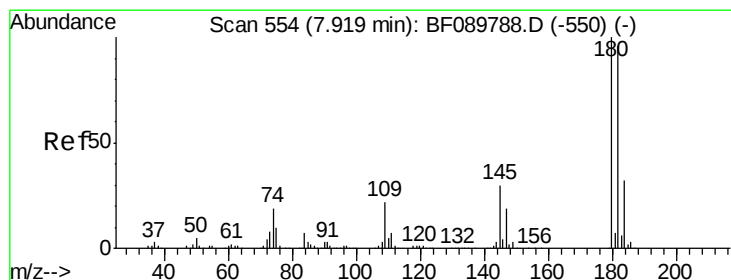
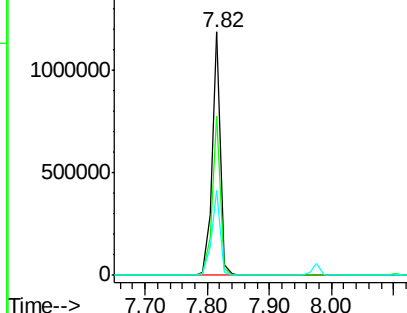
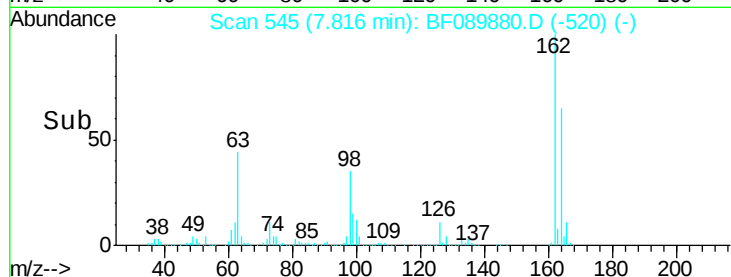
#29
 2,4-Dichlorophenol
 Concen: 46.53 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tgt Ion:162 Resp: 1075829
 Ion Ratio Lower Upper
 162 100
 164 65.3 45.5 85.5
 98 34.7 12.4 52.4

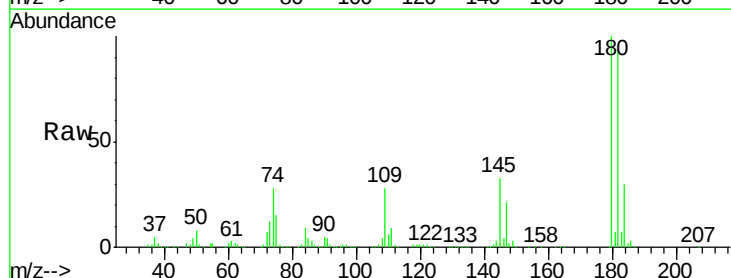


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

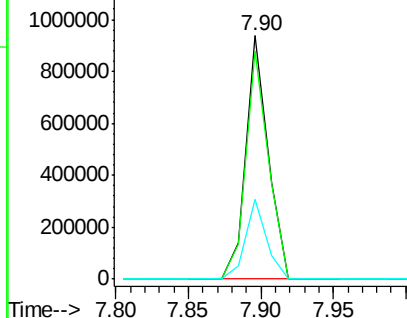
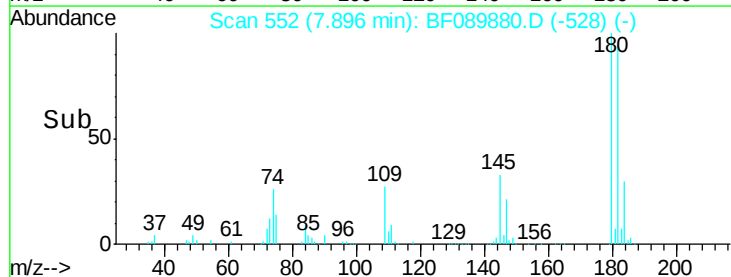


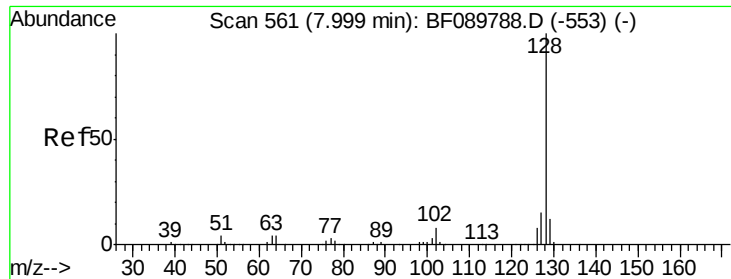
#30
 1,2,4-Trichlorobenzene
 Concen: 38.91 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:180 Resp: 995103
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.5 113.3
 145 32.7 28.7 43.1



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

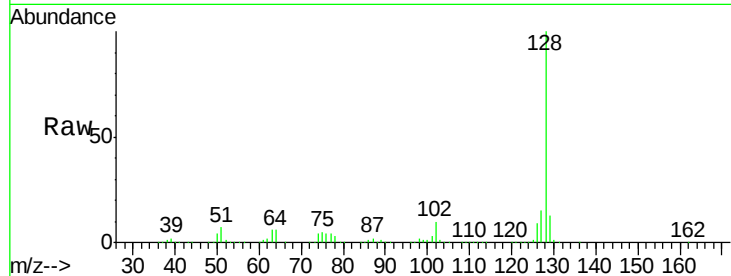




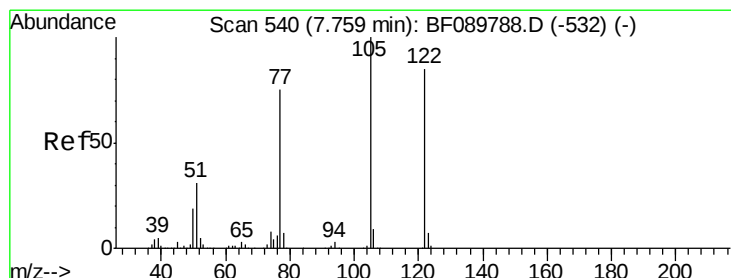
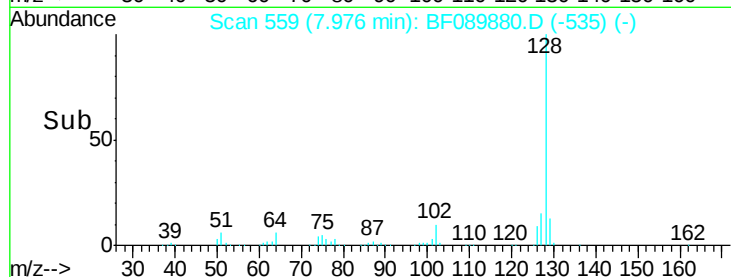
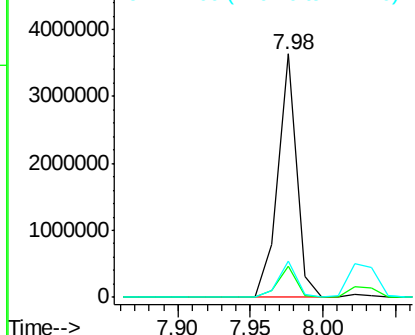
#31
Naphthalene
Concen: 41.10 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tgt Ion:128 Resp: 3259156
Ion Ratio Lower Upper
128 100
129 12.7 9.5 14.3
127 14.7 11.3 16.9

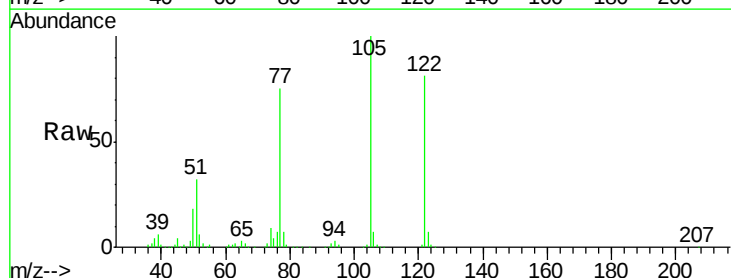


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

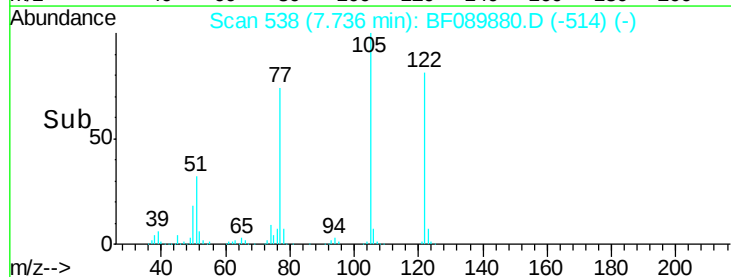
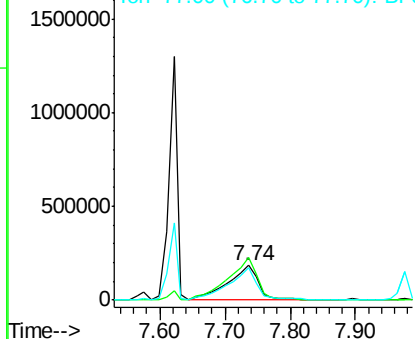


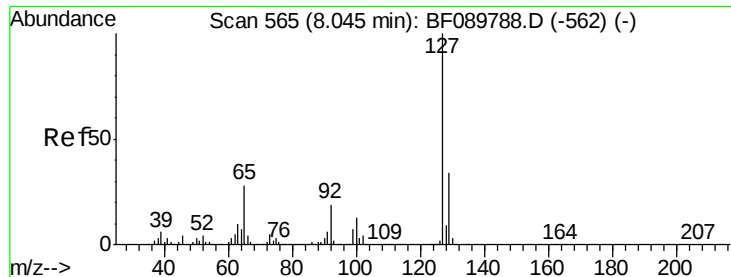
#32
Benzoic acid
Concen: 27.45 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:122 Resp: 589394
Ion Ratio Lower Upper
122 100
105 123.2 100.8 140.8
77 91.9 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

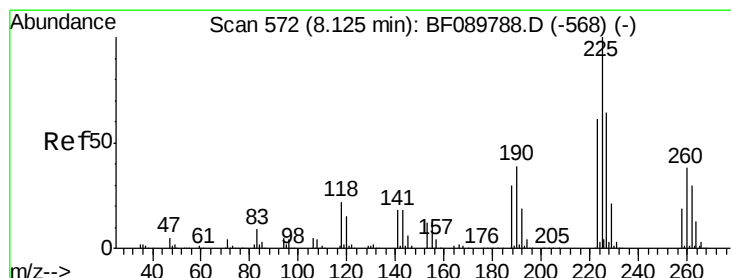
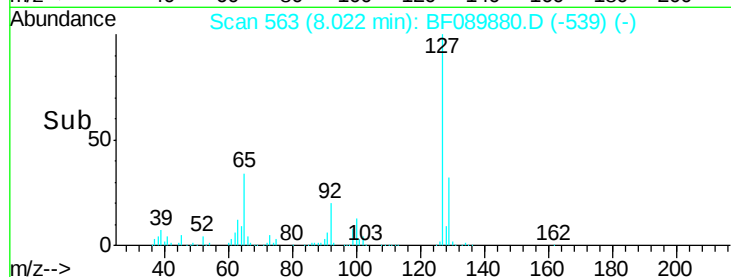
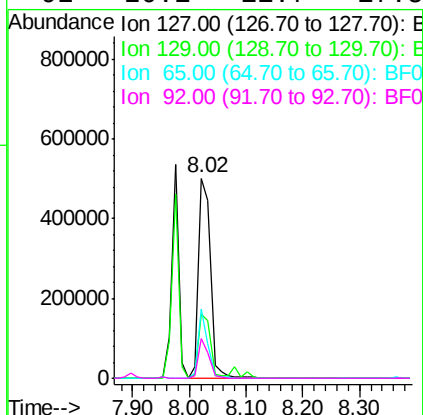
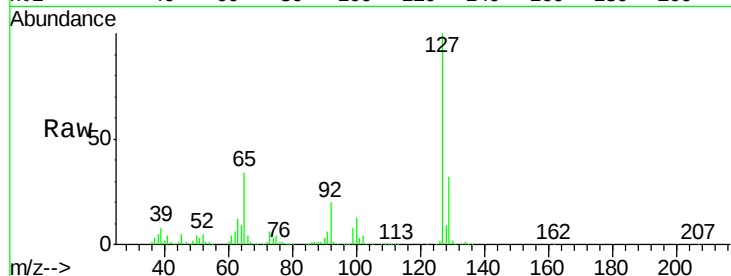




#33
4-Chloroaniline
Concen: 20.85 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

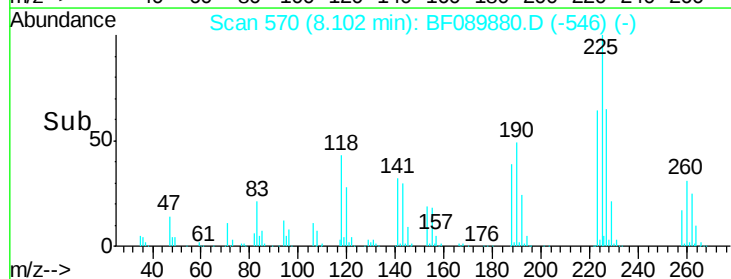
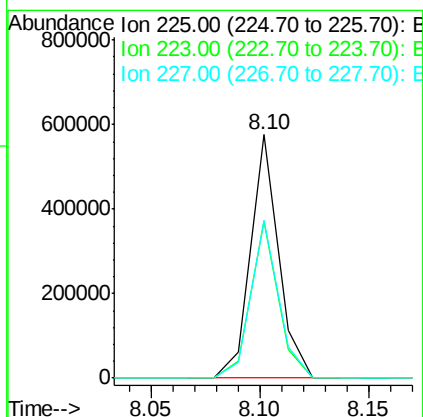
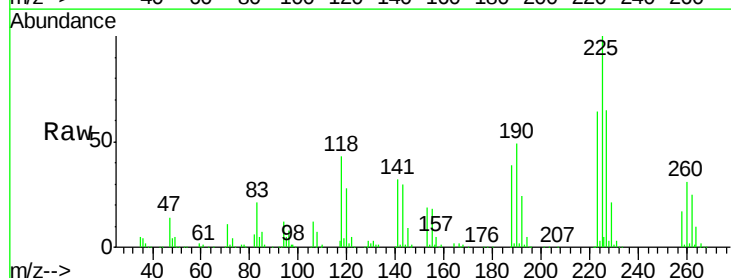
Instrument :
BNA_F
ClientSampleId :
PB93077BS

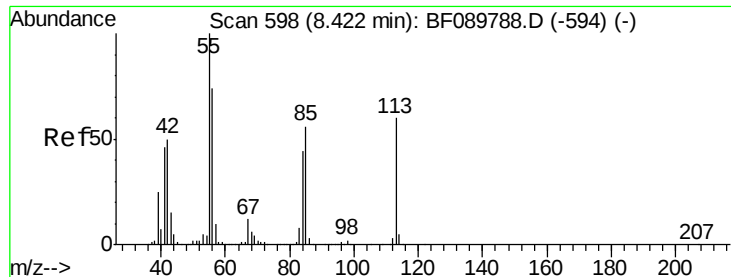
Tgt Ion:	127	Resp:	716774
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.0	40.6
65	34.3	14.7	22.1#
92	20.1	11.7	17.5#



#34
Hexachlorobutadiene
Concen: 38.43 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:	225	Resp:	514683
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	64.7	49.8	74.6

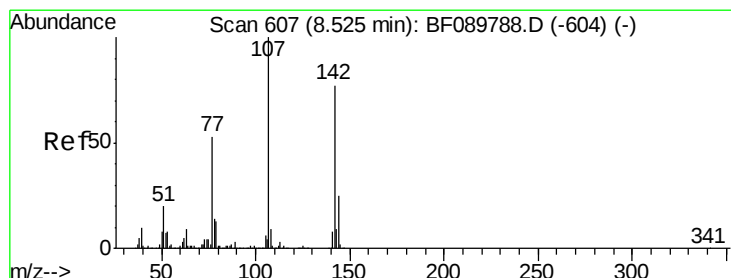
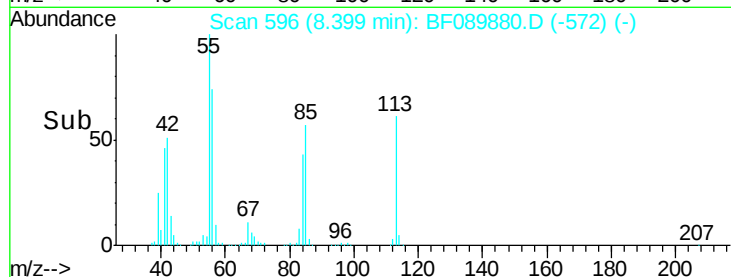
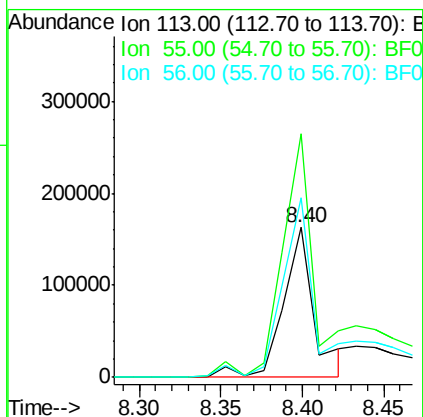
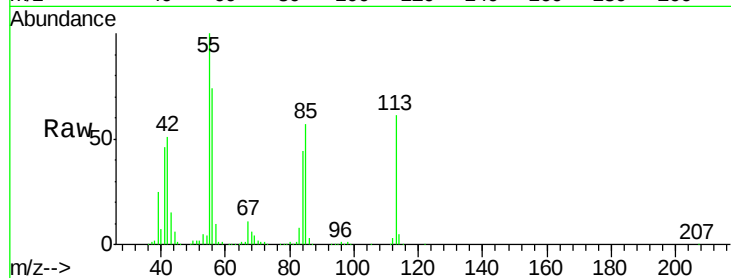




#35
 Caprolactam
 Concen: 30.26 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

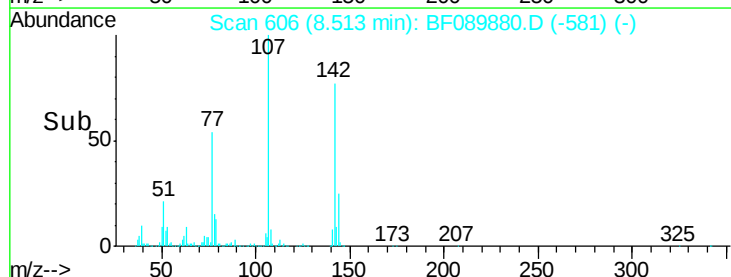
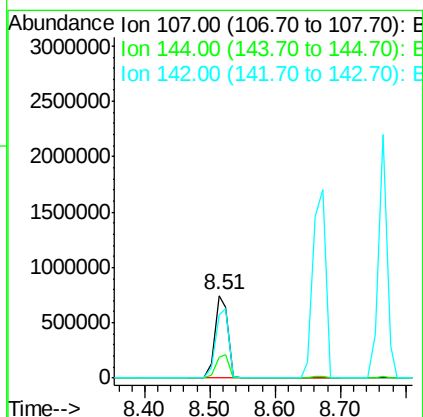
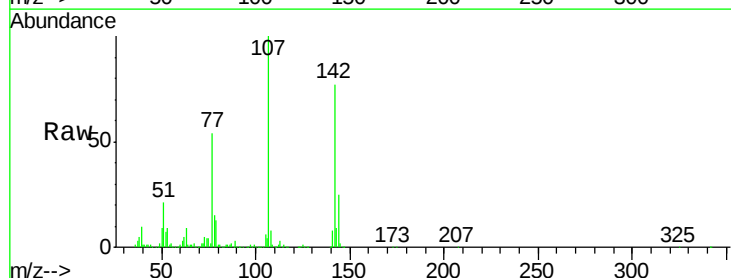
Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

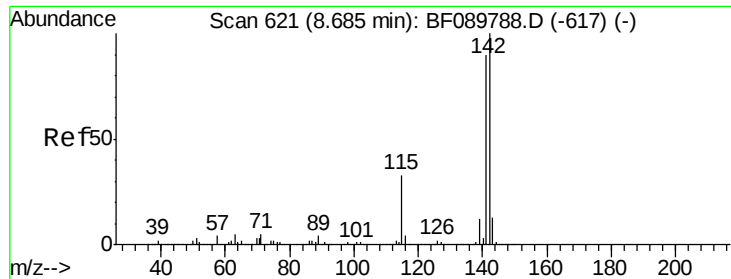
Tgt Ion:113 Resp: 213056
 Ion Ratio Lower Upper
 113 100
 55 162.8 135.9 175.9
 56 120.2 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.56 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:107 Resp: 1065541
 Ion Ratio Lower Upper
 107 100
 144 25.1 22.6 34.0
 142 76.9 69.3 103.9

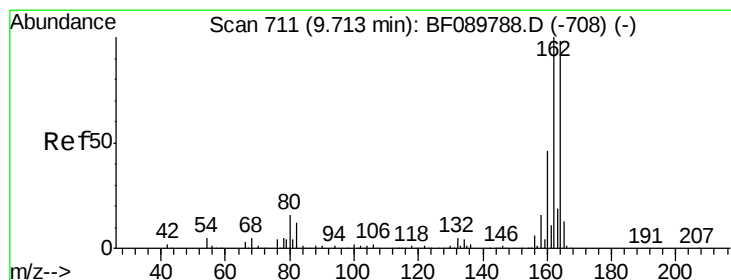
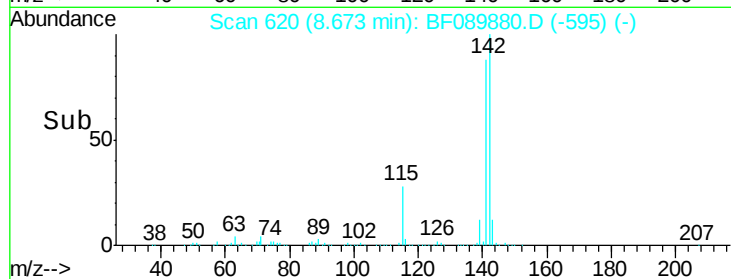
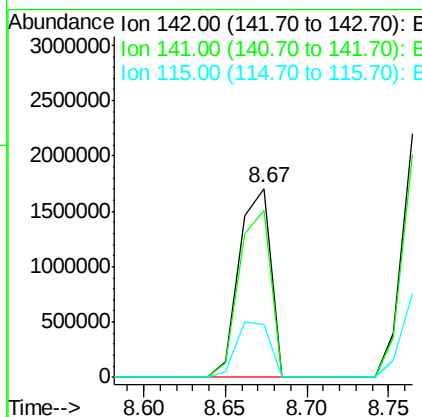
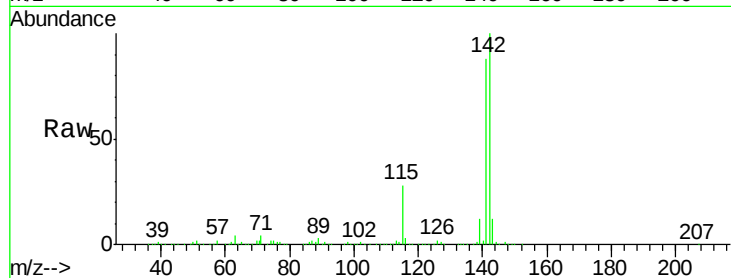




#37
 2-Methylnaphthalene
 Concen: 44.38 ng
 RT: 8.67 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

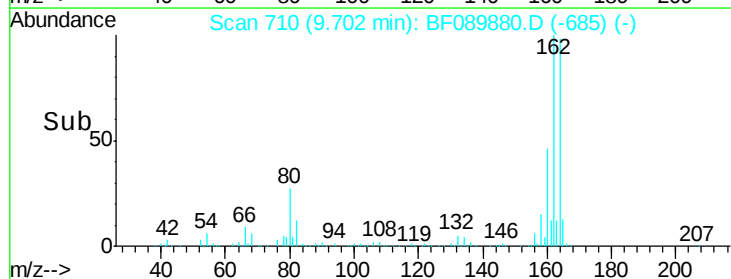
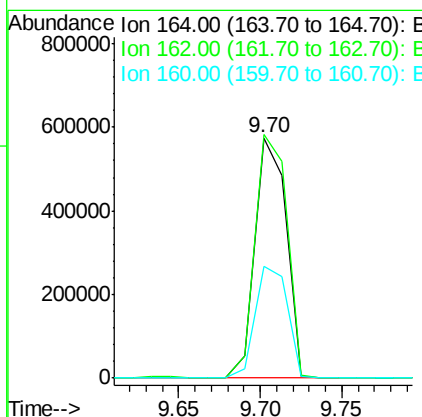
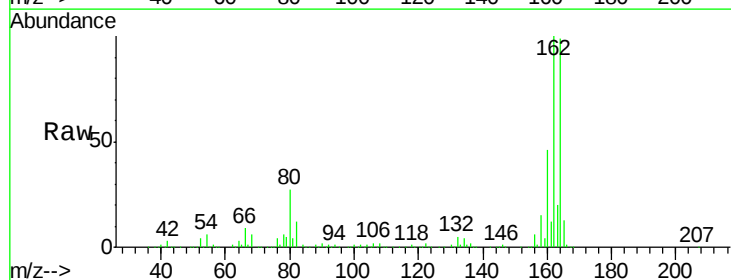
Instrument :
 BNA_F
 ClientSampled :
 PB93077BS

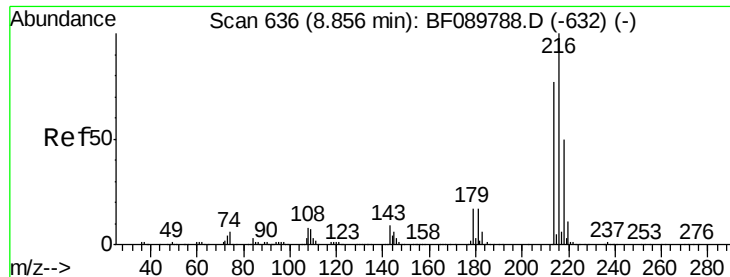
Tgt Ion:142 Resp: 2276676
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.4 107.2
 115 28.3 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:164 Resp: 764868
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.4 122.2
 160 46.8 37.8 56.6

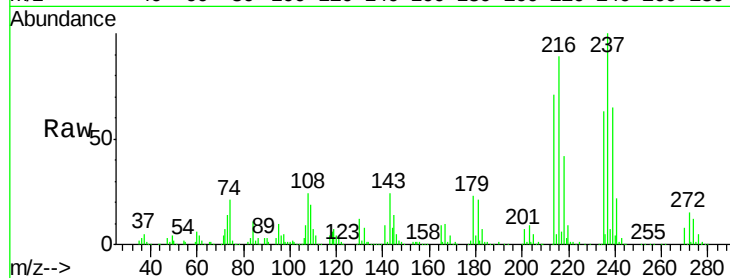




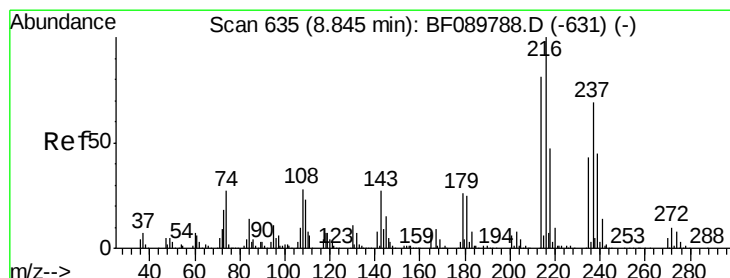
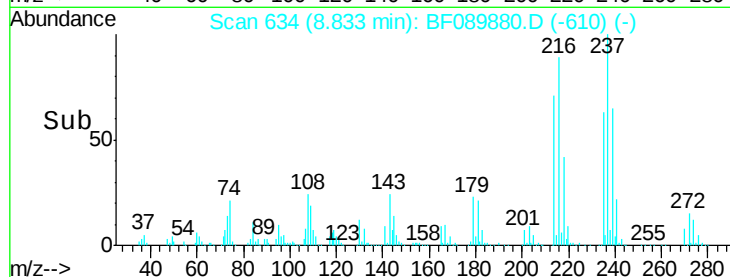
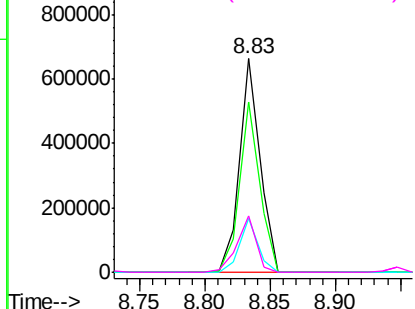
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.88 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleID :
 PB93077BS

Tgt Ion:	216	Resp:	715287
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.5	95.3
179	22.6	19.9	29.9
108	24.6	19.9	29.9

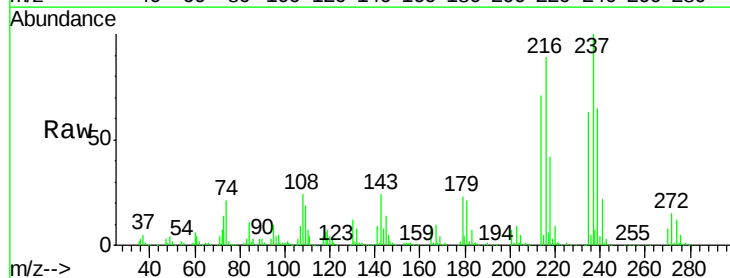


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

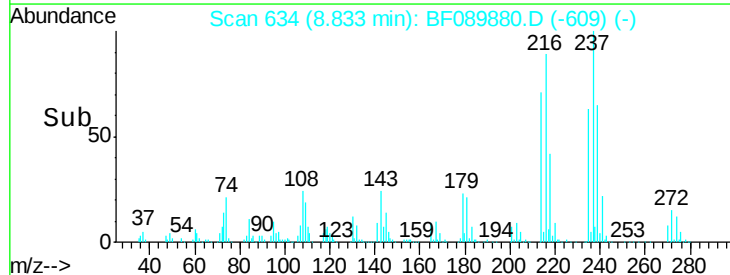
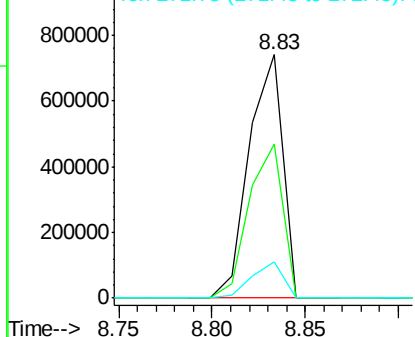


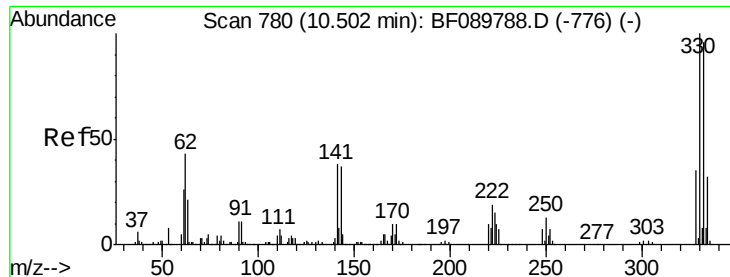
#40
 Hexachlorocyclopentadiene
 Concen: 107.39 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:	237	Resp:	923477
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	15.1	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

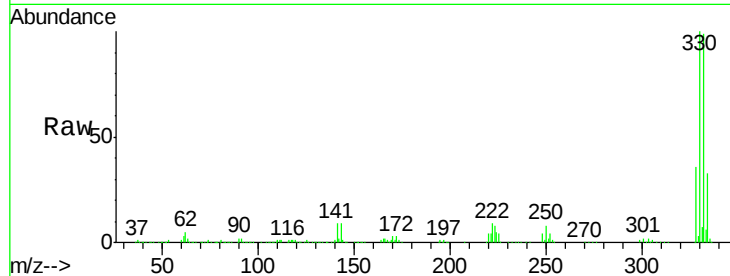




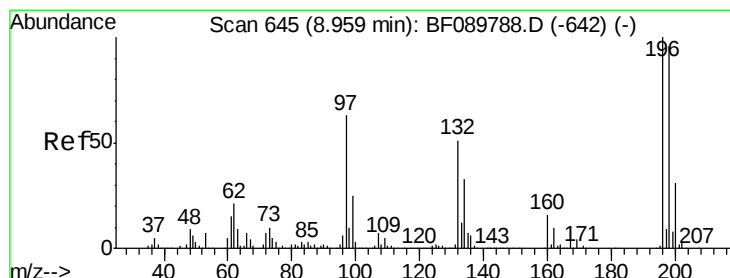
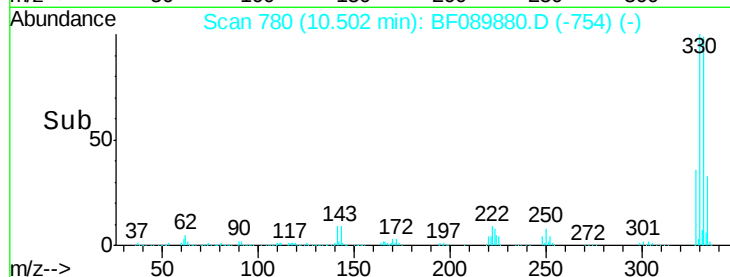
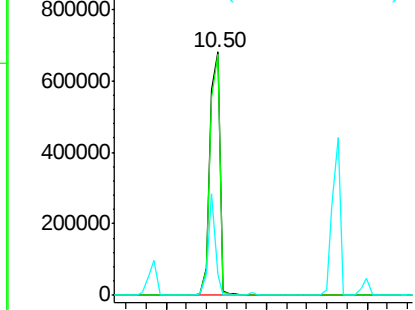
#41
 2,4,6-Tribromophenol
 Concen: 129.00 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tgt Ion:330 Resp: 937712
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.7 115.1
 141 30.2 30.2 45.2

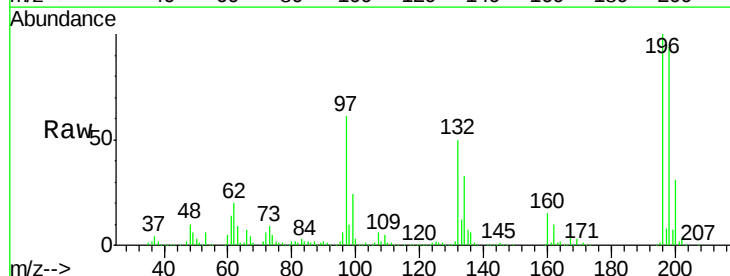


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

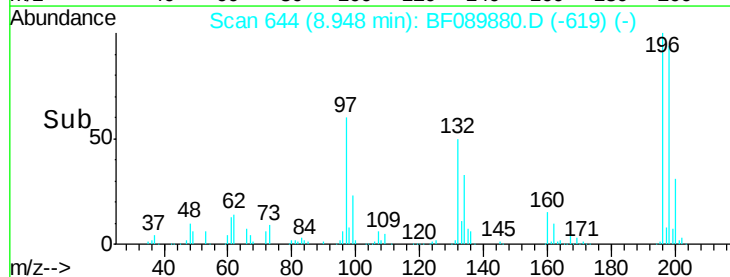
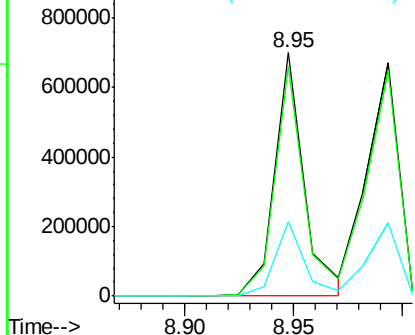


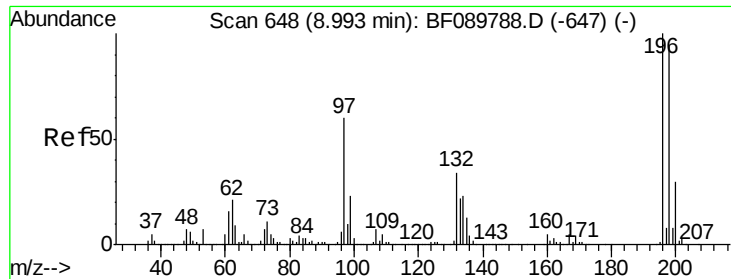
#42
 2,4,6-Trichlorophenol
 Concen: 42.96 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:196 Resp: 669486
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.3 114.5
 200 30.6 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

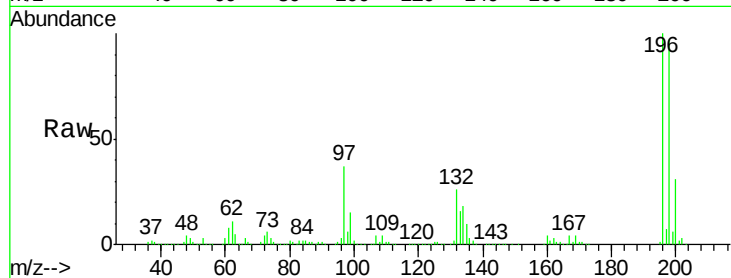




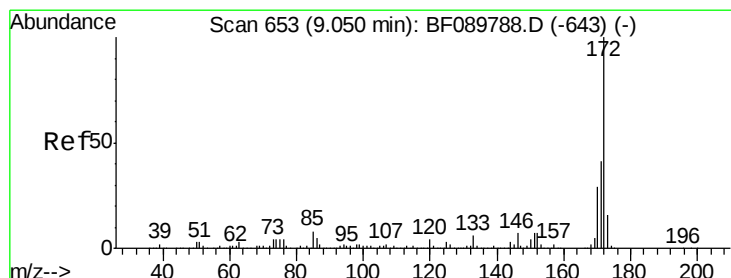
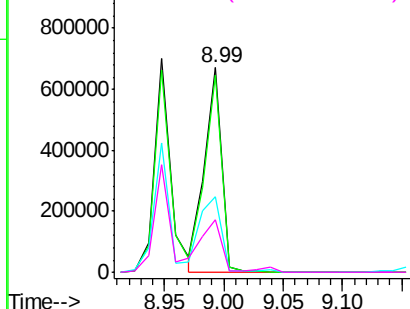
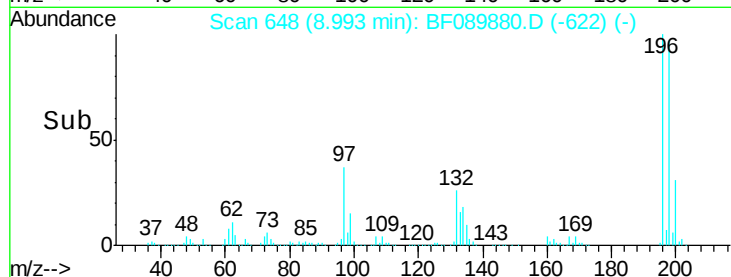
#43
 2,4,5-Trichlorophenol
 Concen: 43.96 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tgt Ion:196 Resp: 681228
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 114.8
 97 36.9 35.8 53.8
 132 25.9 23.5 35.3

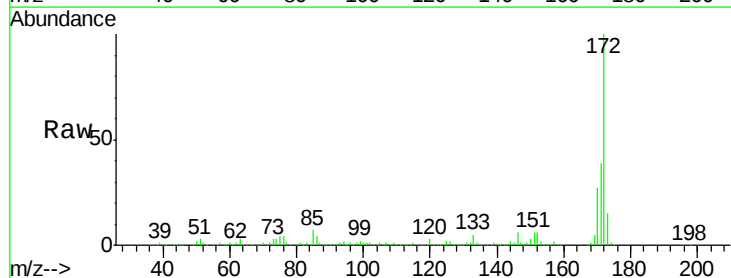


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

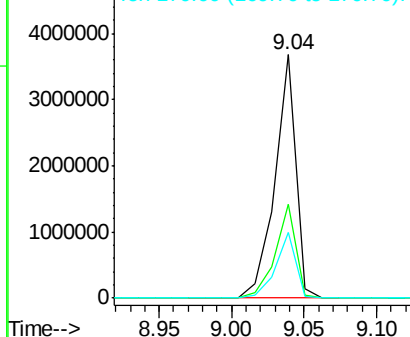
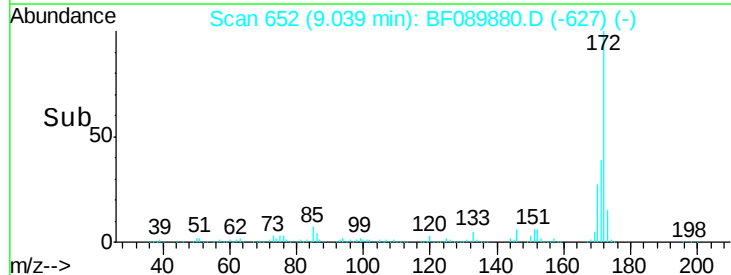


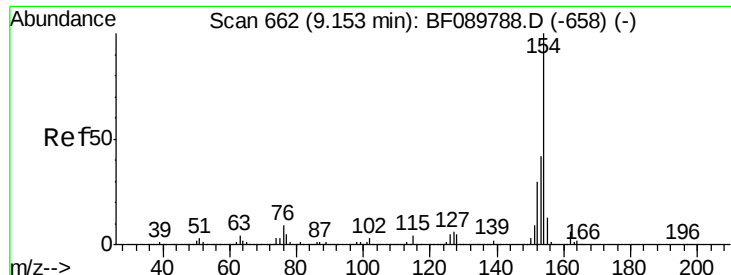
#44
 2-Fluorobiphenyl
 Concen: 84.16 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:172 Resp: 3662703
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.5 45.7
 170 26.9 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

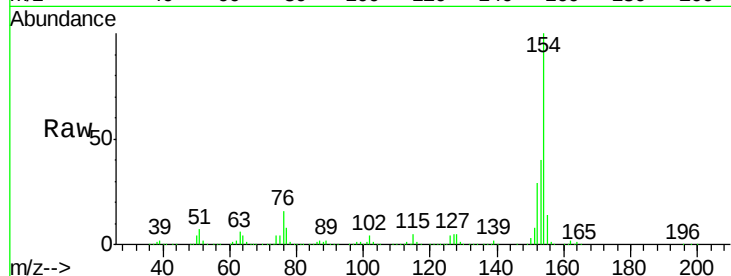




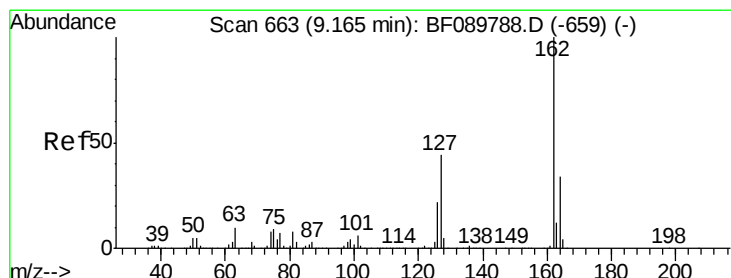
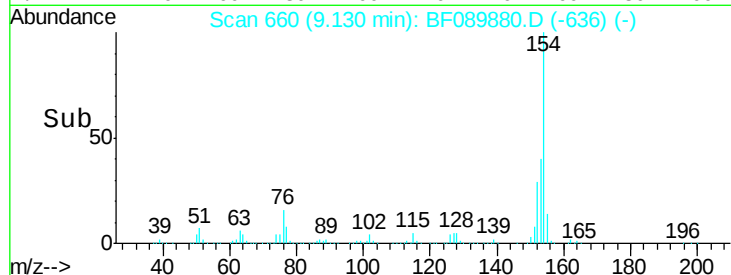
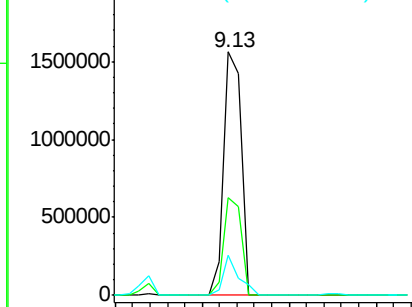
#45
 1,1'-Biphenyl
 Concen: 37.22 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tgt Ion:154 Resp: 2202914
 Ion Ratio Lower Upper
 154 100
 153 40.3 21.5 61.5
 76 16.5 0.0 36.7

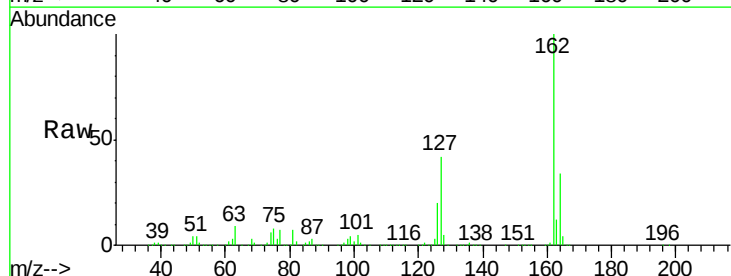


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

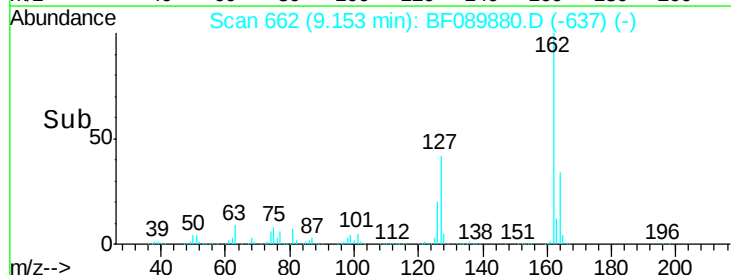
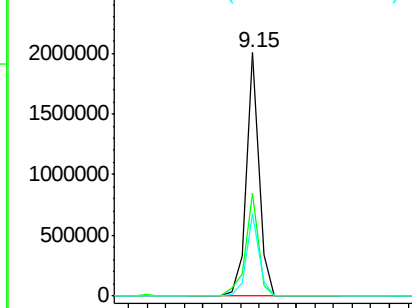


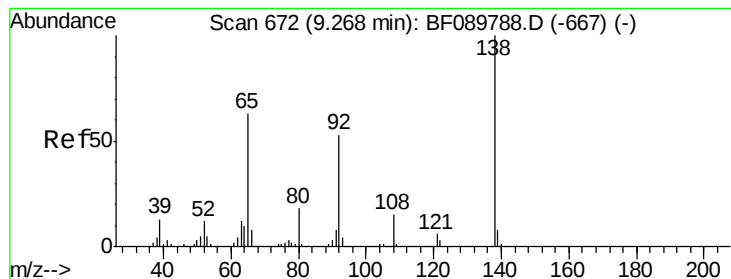
#46
 2-Chloronaphthalene
 Concen: 39.90 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:162 Resp: 1866869
 Ion Ratio Lower Upper
 162 100
 127 42.1 35.5 53.3
 164 34.0 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: 46.80 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

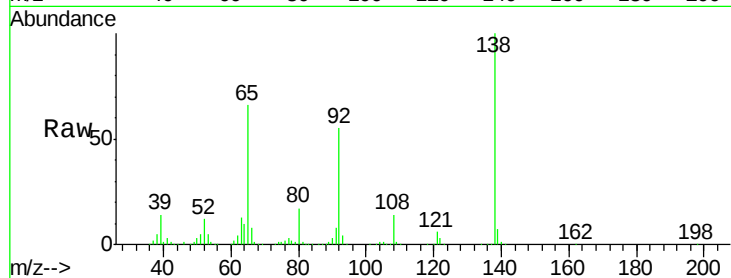
Tgt Ion: 65 Resp: 624577

Ion Ratio Lower Upper

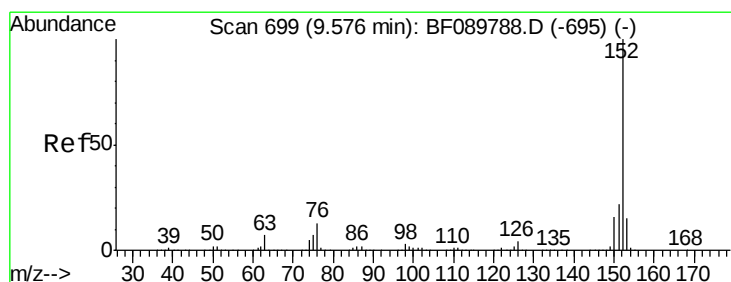
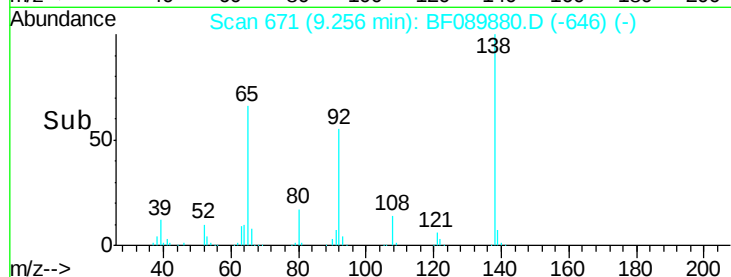
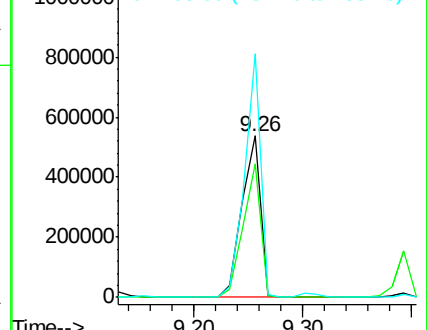
65 100

92 82.3 56.3 84.5

138 150.7 81.8 122.8#



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



#48

Acenaphthylene

Concen: 41.65 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

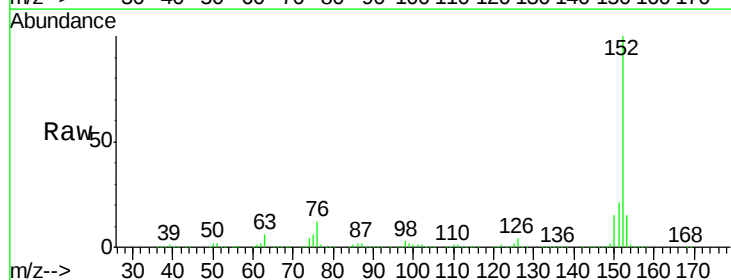
Tgt Ion: 152 Resp: 2928314

Ion Ratio Lower Upper

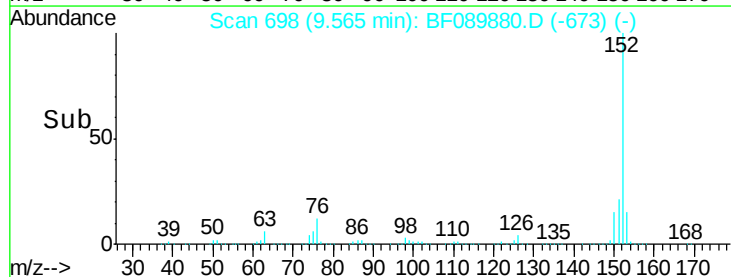
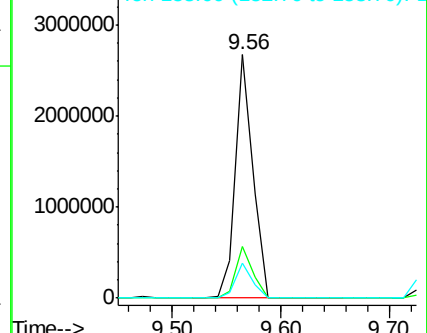
152 100

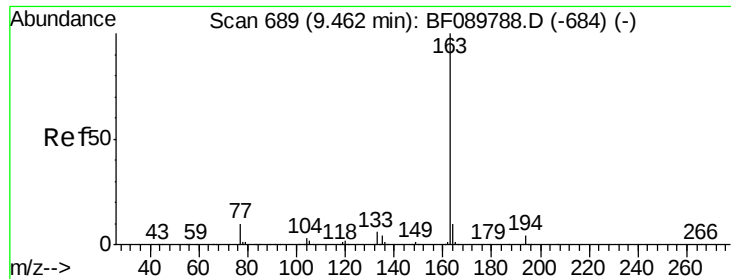
151 21.4 17.1 25.7

153 14.5 11.2 16.8



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

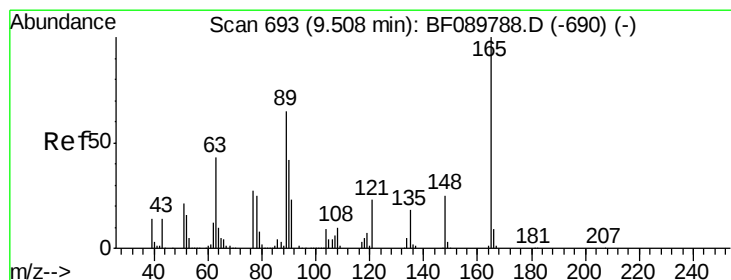
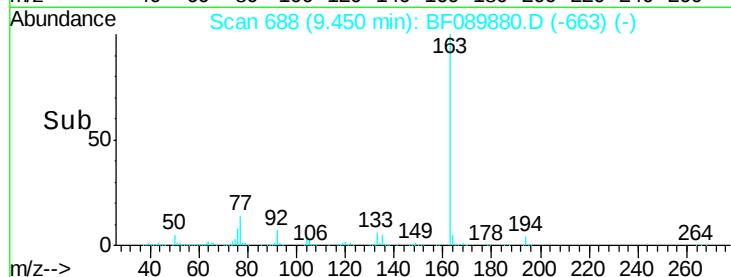
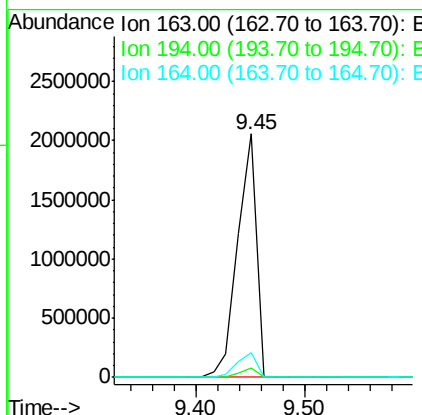
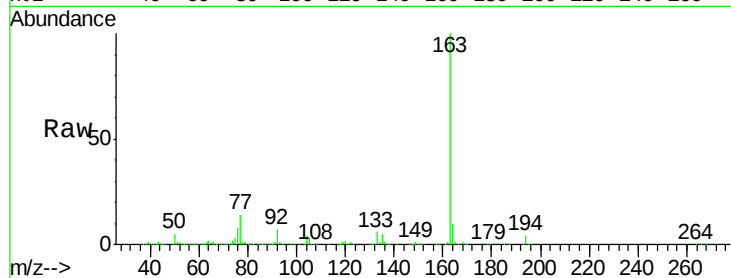




#49
Dimethylphthalate
Concen: 44.93 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

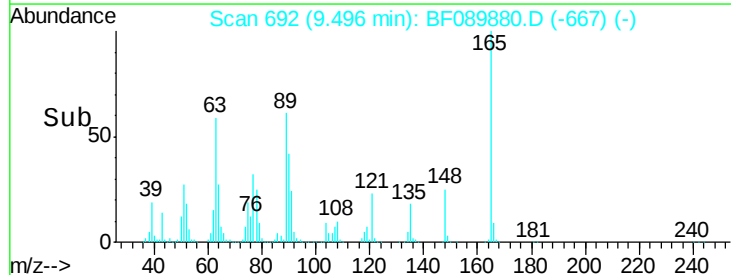
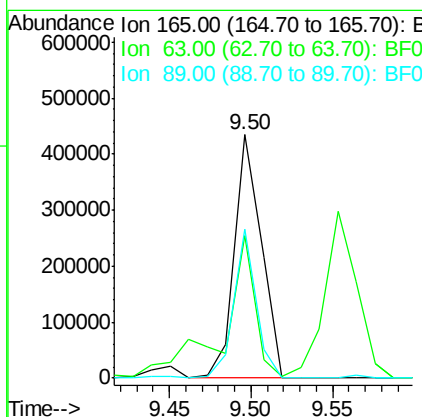
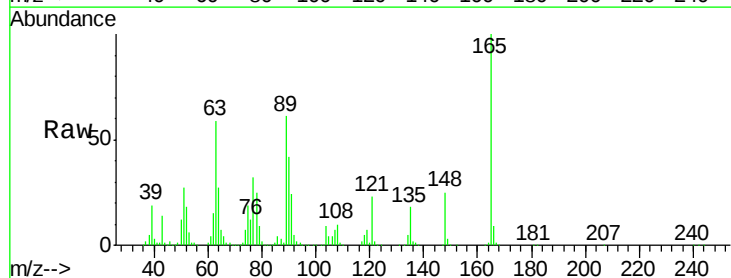
Instrument :
BNA_F
ClientSampled :
PB93077BS

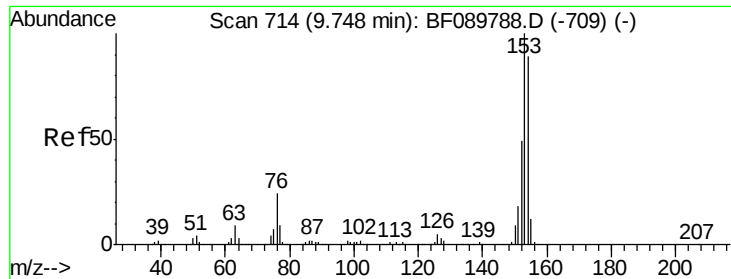
Tgt Ion:163 Resp: 2419926
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 10.3 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 39.53 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:165 Resp: 491458
Ion Ratio Lower Upper
165 100
63 58.8 41.7 62.5
89 61.4 44.6 67.0





#51

Acenaphthene

Concen: 46.41 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

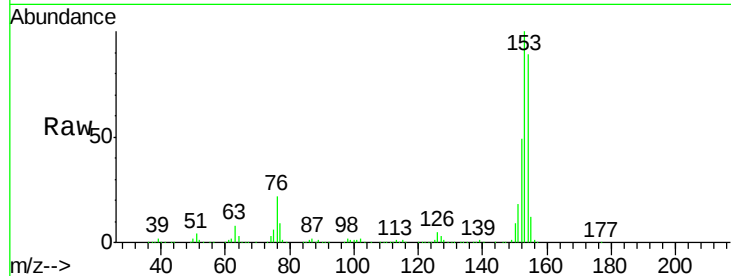
Tgt Ion:154 Resp: 2159337

Ion Ratio Lower Upper

154 100

153 112.4 90.5 135.7

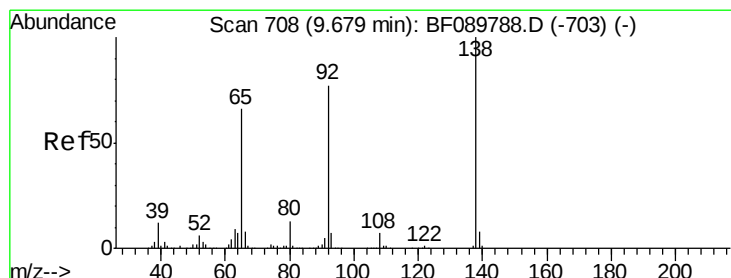
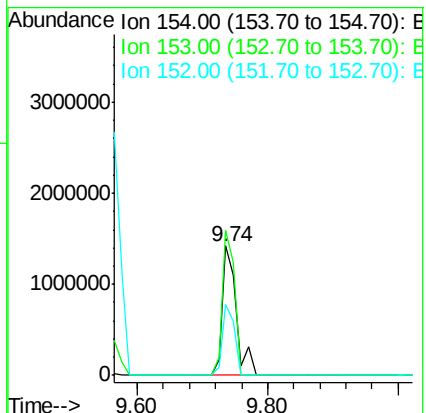
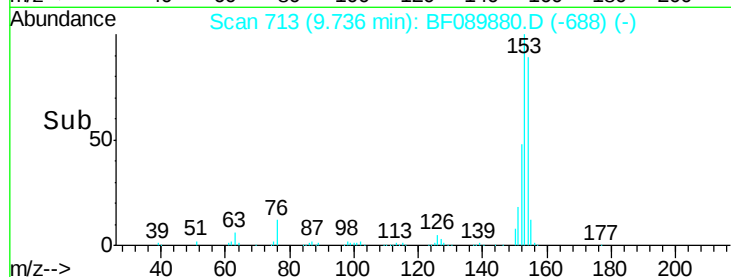
152 54.5 44.6 67.0



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: 31.46 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

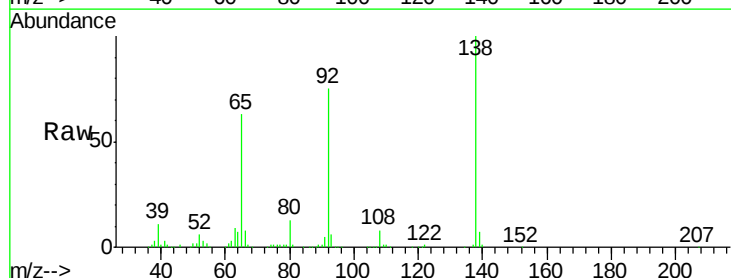
Tgt Ion:138 Resp: 433354

Ion Ratio Lower Upper

138 100

108 7.5 8.1 12.1#

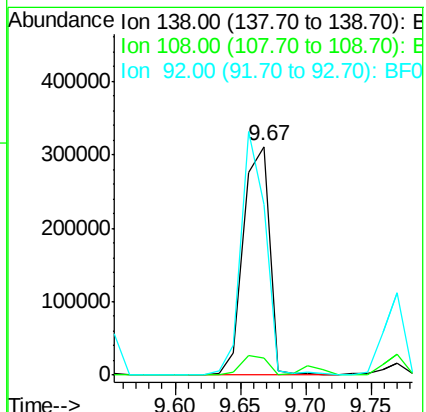
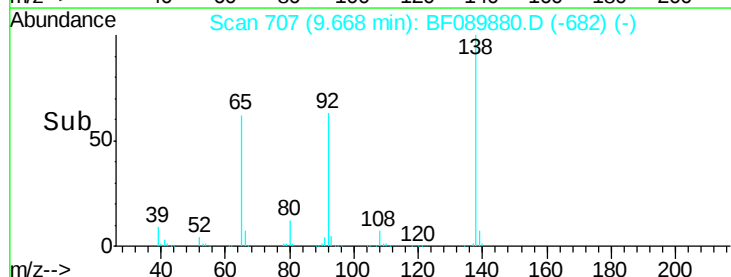
92 74.5 92.7 139.1#

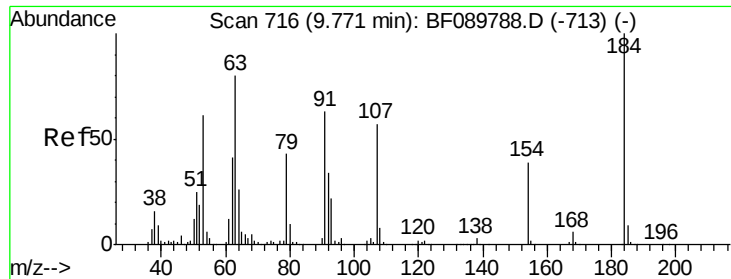


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

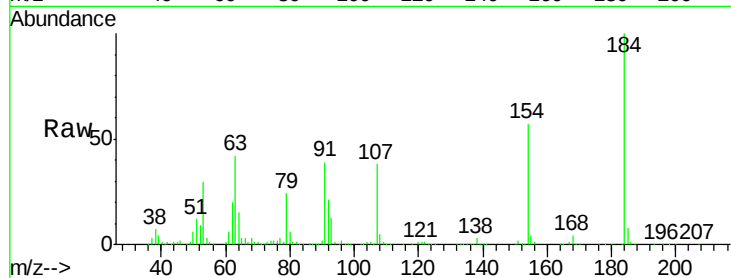




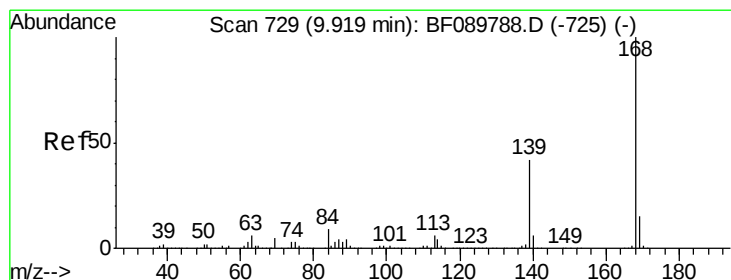
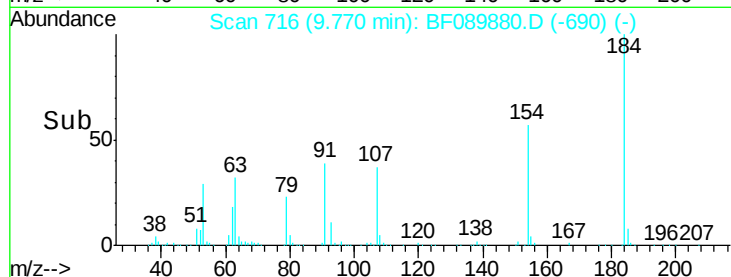
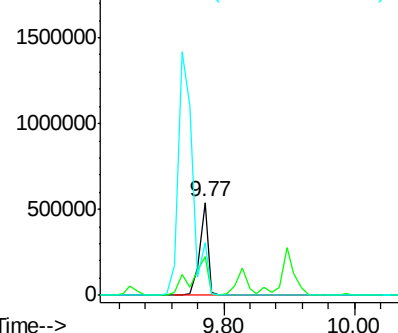
#53
2,4-Dinitrophenol
Concen: 72.91 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tgt Ion:184 Resp: 513156
Ion Ratio Lower Upper
184 100
63 41.9 54.2 81.4#
154 56.6 52.7 79.1

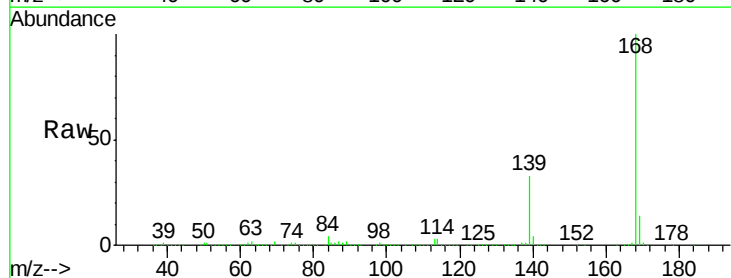


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

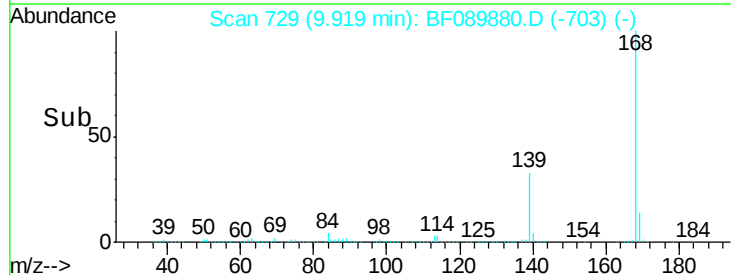
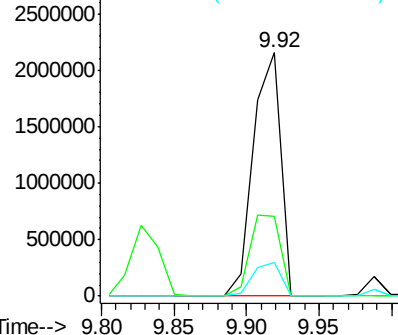


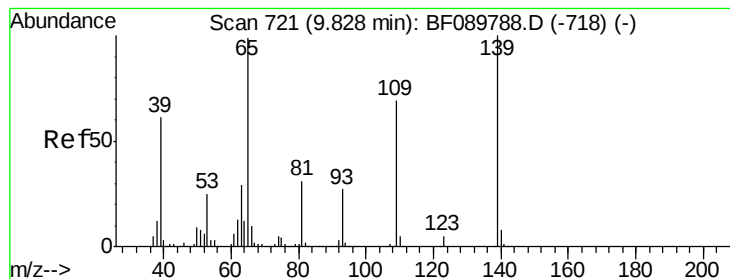
#54
Dibenzofuran
Concen: 48.17 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:168 Resp: 2815344
Ion Ratio Lower Upper
168 100
139 32.6 34.6 52.0#
169 13.6 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: 78.76 ng

RT: 9.83 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

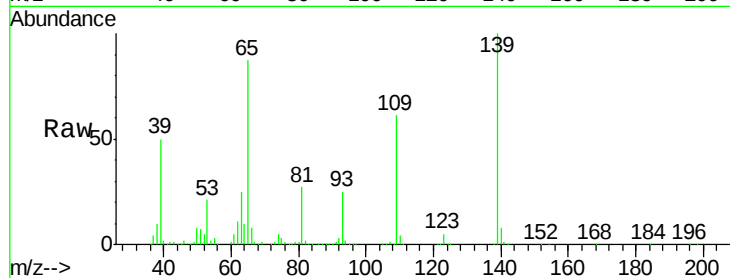
Tgt Ion:139 Resp: 885580

Ion Ratio Lower Upper

139 100

109 61.0 43.0 83.0

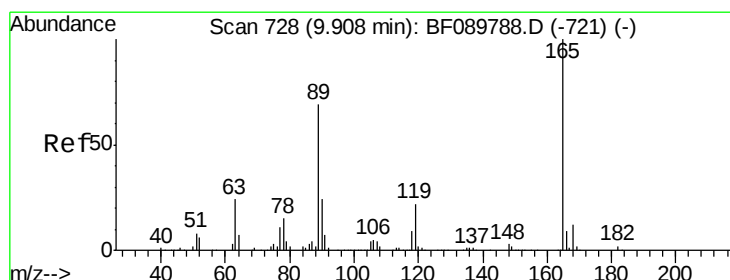
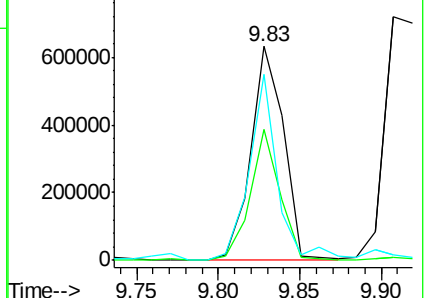
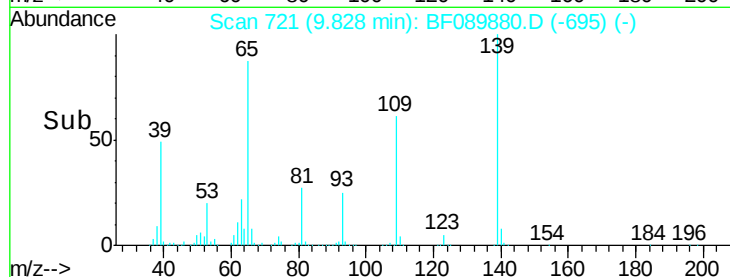
65 87.3 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.32 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:165 Resp: 650457

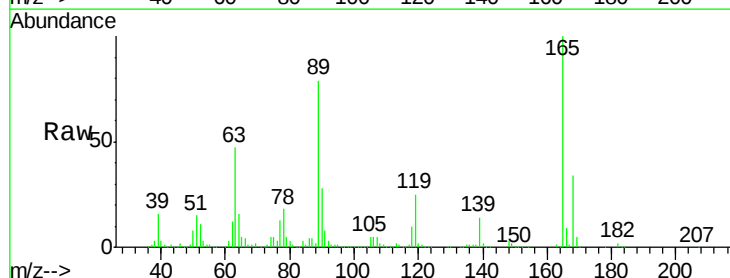
Ion Ratio Lower Upper

165 100

63 46.6 23.7 35.5#

89 78.7 44.0 66.0#

182 2.1 2.0 3.0

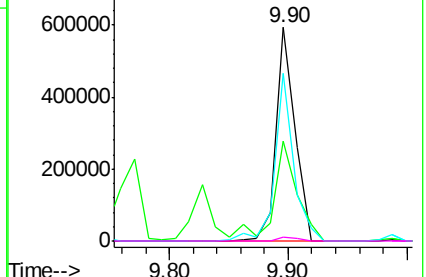
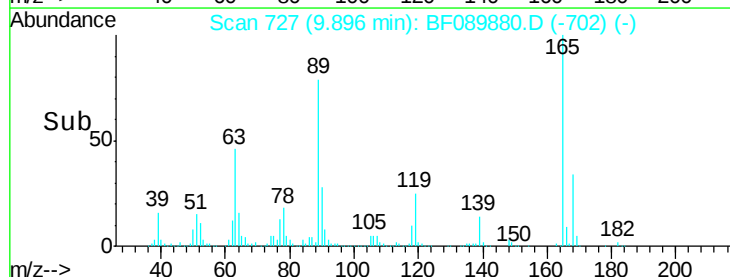


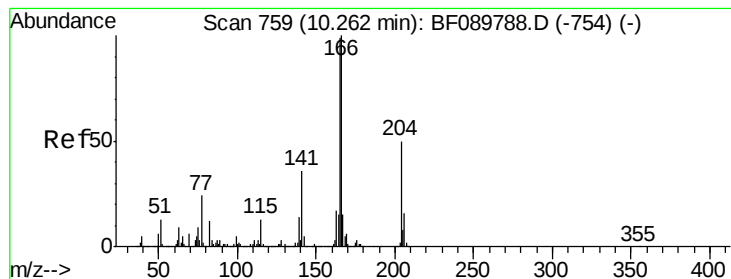
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.24 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

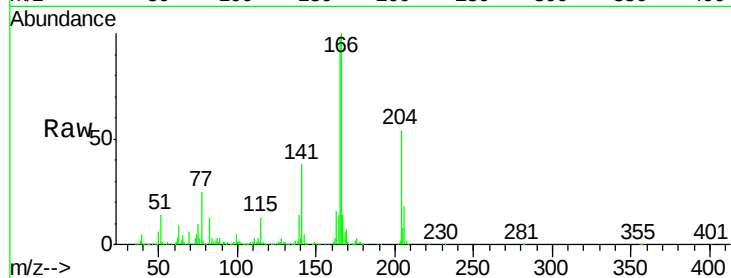
Tgt Ion:166 Resp: 1874098

Ion Ratio Lower Upper

166 100

165 98.5 80.2 120.4

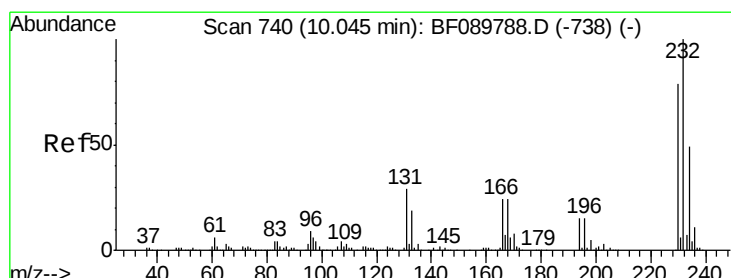
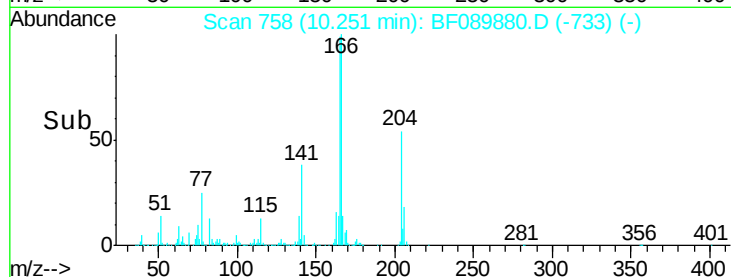
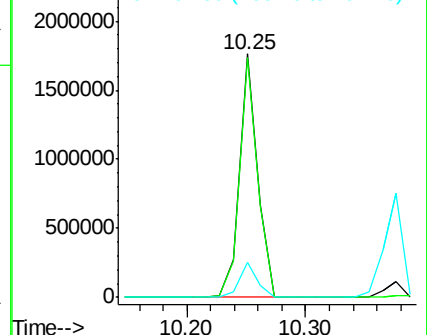
167 14.2 11.3 16.9



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: 50.51 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Tgt Ion:232 Resp: 569753

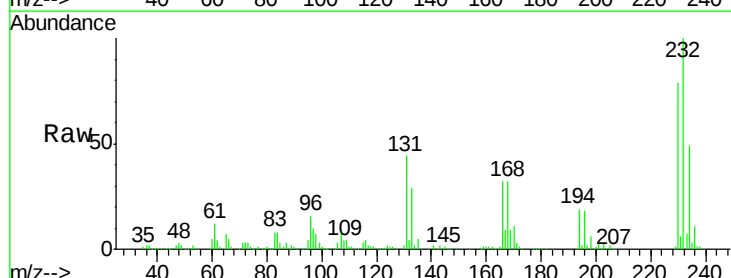
Ion Ratio Lower Upper

232 100

131 49.6 42.5 63.7

130 2.3 2.2 3.4

166 34.0 27.3 40.9

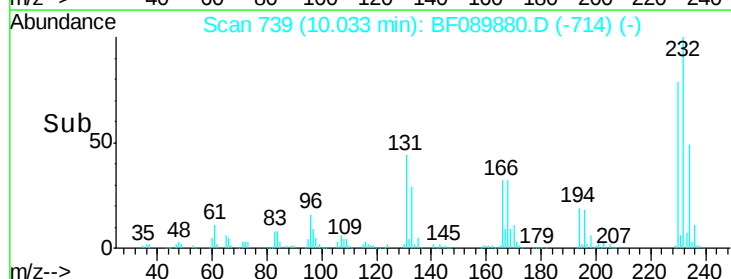
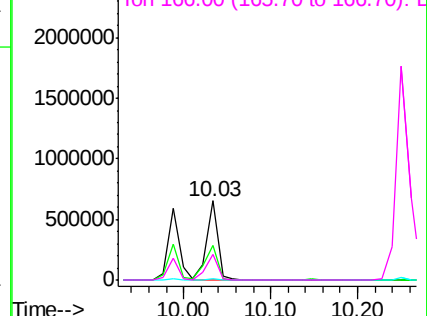


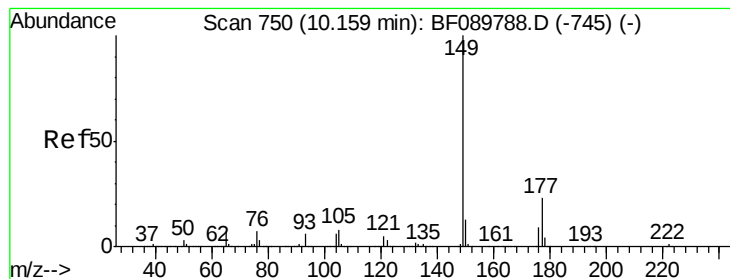
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.84 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

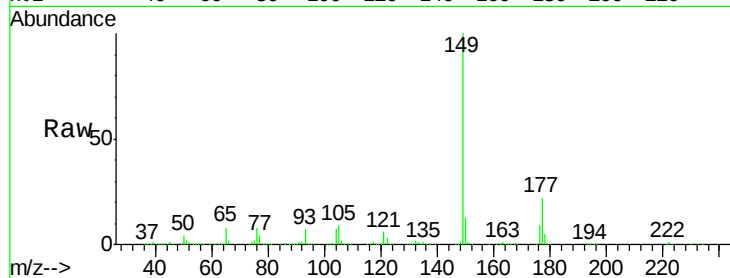
Tgt Ion:149 Resp: 2398445

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

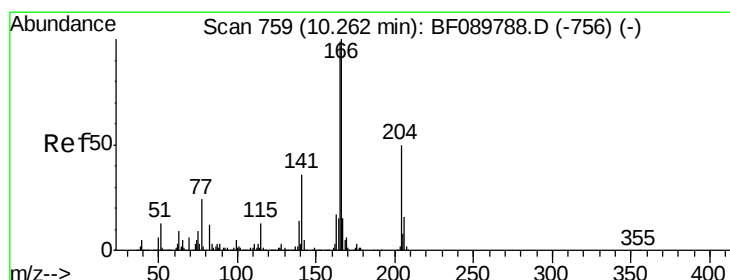
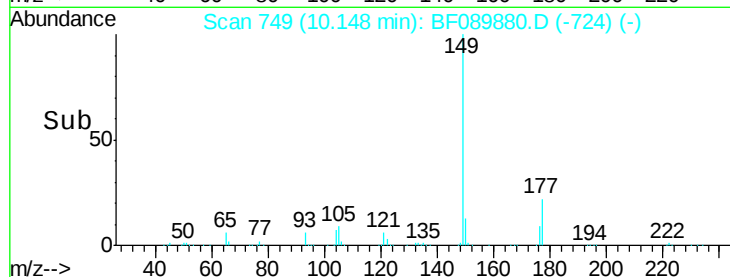
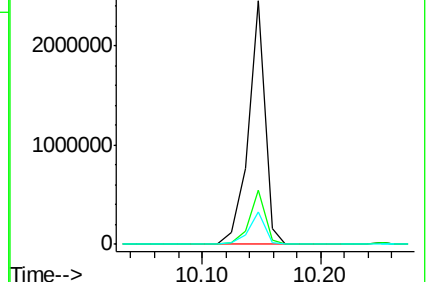
150 13.1 10.5 15.7



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: 39.53 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

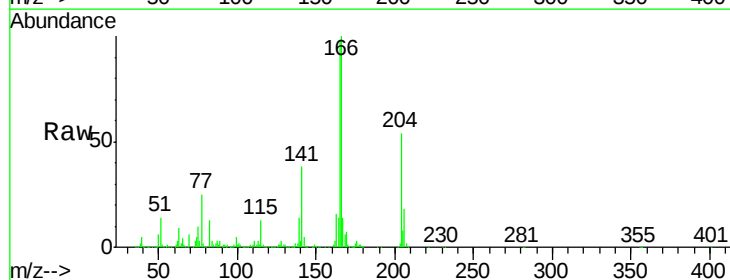
Tgt Ion:204 Resp: 839882

Ion Ratio Lower Upper

204 100

206 33.0 26.5 39.7

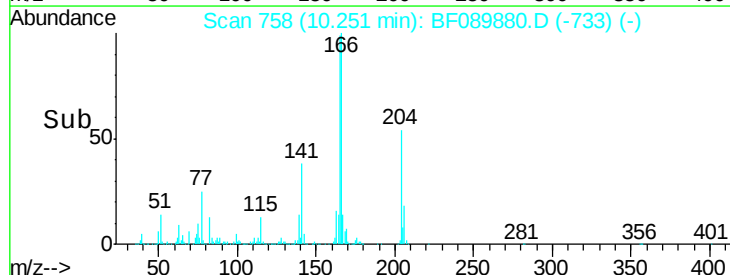
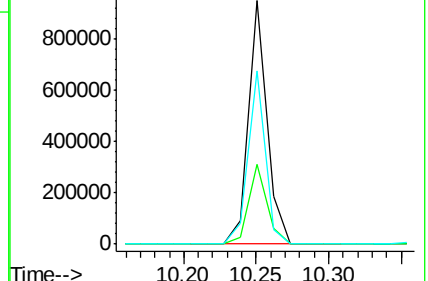
141 71.2 54.1 81.1

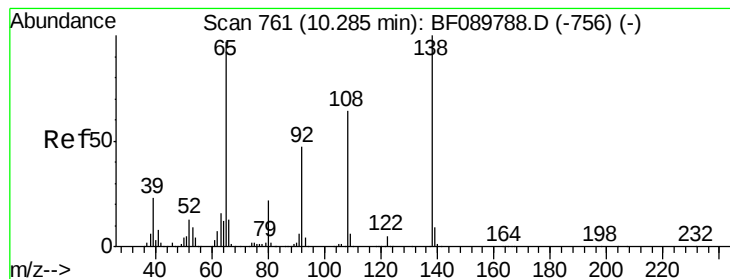


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

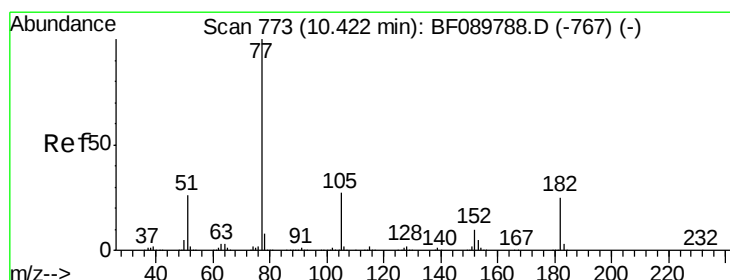
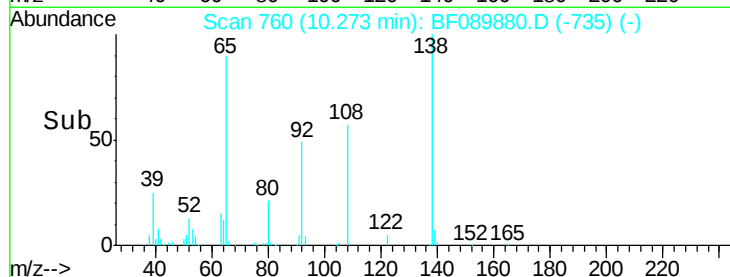
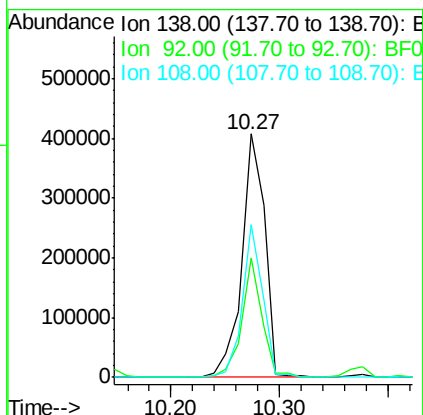
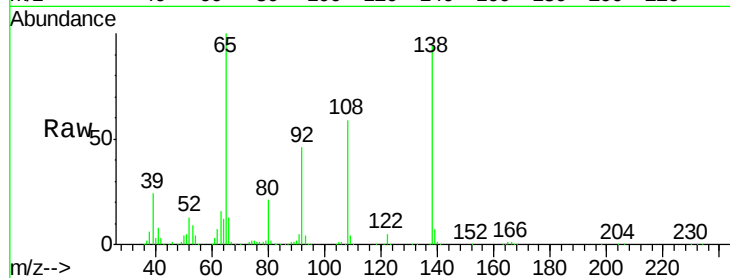




#61
4-Nitroaniline
Concen: 45.97 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

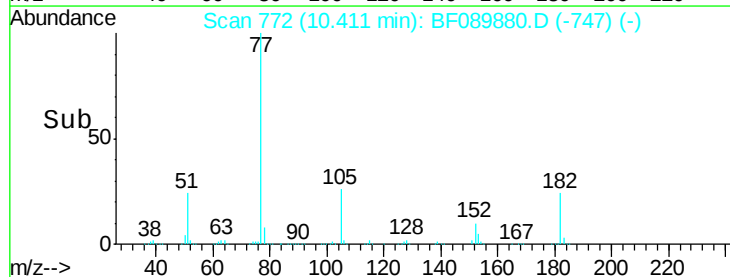
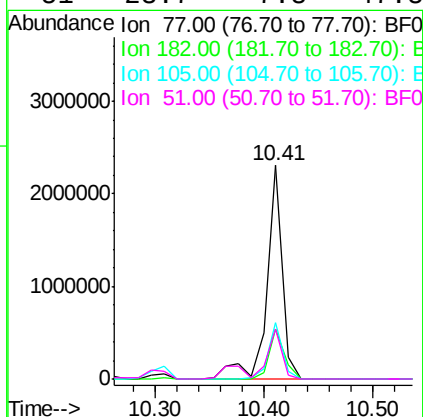
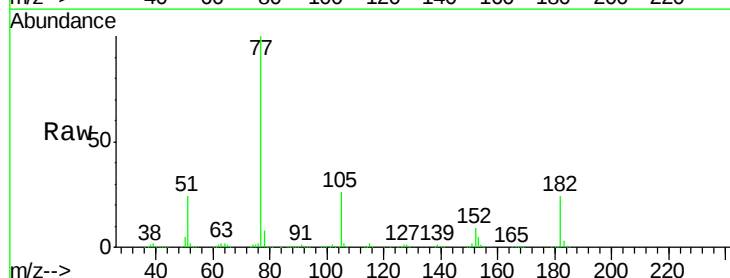
Instrument :
BNA_F
ClientSampleId :
PB93077BS

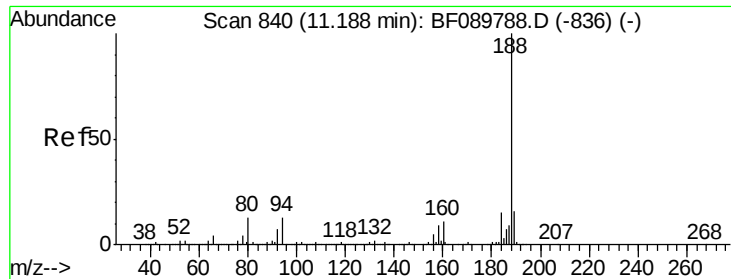
Tgt Ion:138 Resp: 593732
Ion Ratio Lower Upper
138 100
92 48.9 26.4 66.4
108 62.9 47.0 87.0



#62
Azobenzene
Concen: 45.12 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion: 77 Resp: 2320780
Ion Ratio Lower Upper
77 100
182 23.7 5.6 45.6
105 26.4 4.0 44.0
51 23.7 7.8 47.8

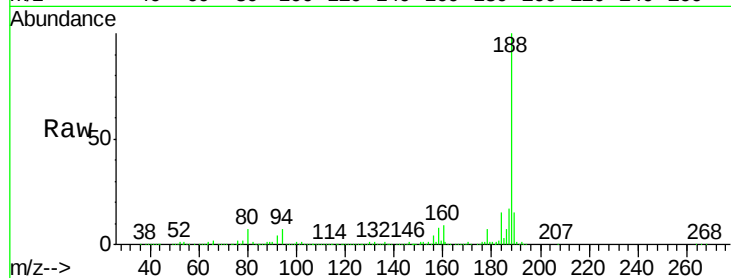




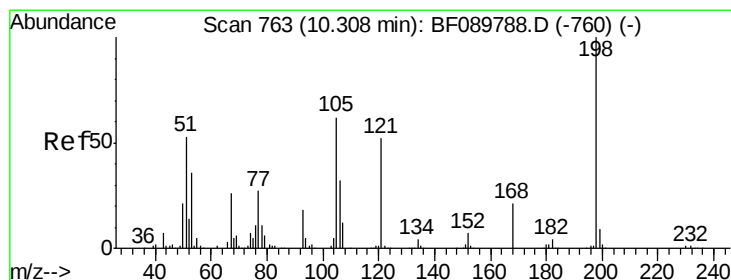
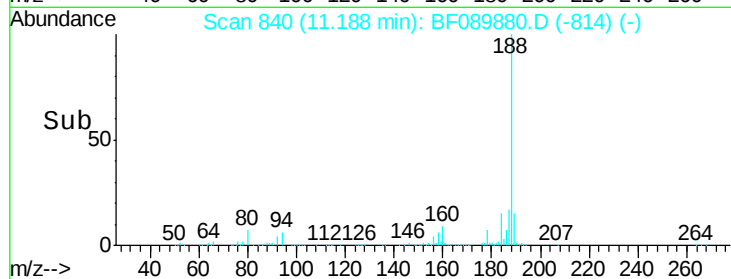
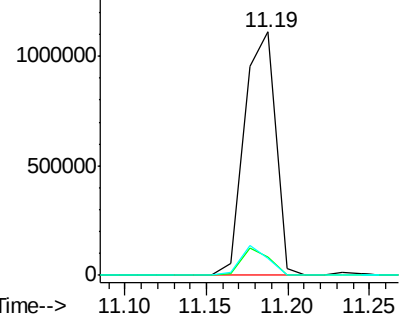
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tgt Ion:188 Resp: 1476300
Ion Ratio Lower Upper
188 100
94 7.3 10.2 15.2#
80 7.1 10.9 16.3#

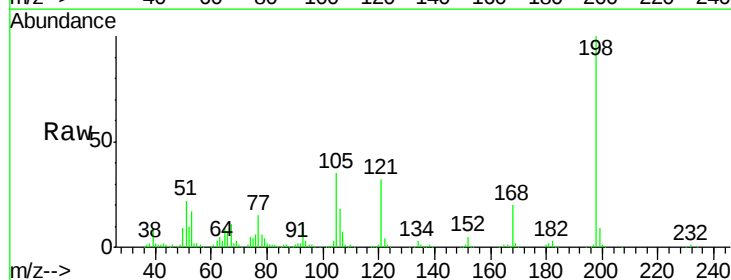


Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

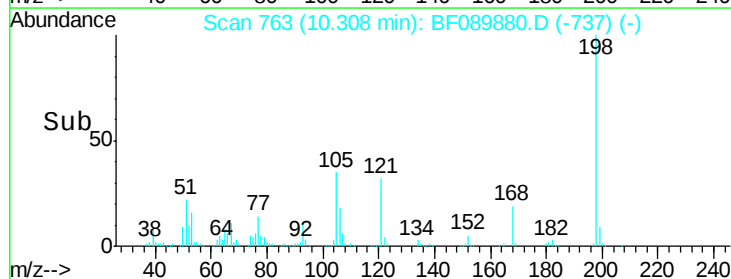
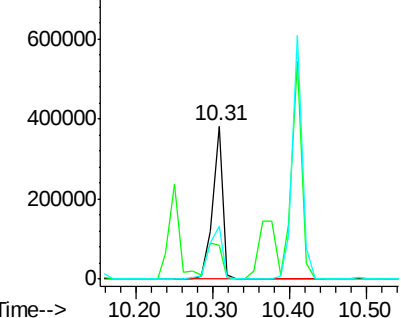


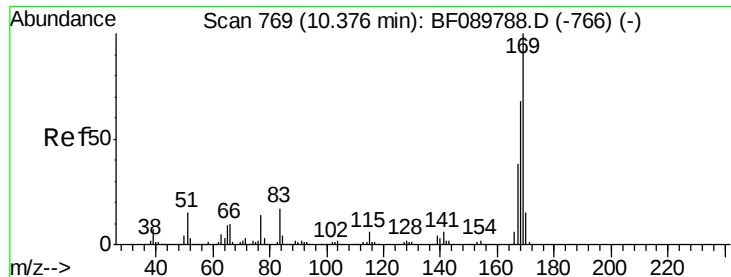
#64
4,6-Dinitro-2-methylphenol
Concen: 42.70 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:198 Resp: 362208
Ion Ratio Lower Upper
198 100
51 22.3 32.3 72.3#
105 34.7 32.9 72.9



Abundance Ion 198.00 (197.70 to 198.70): E
800000
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

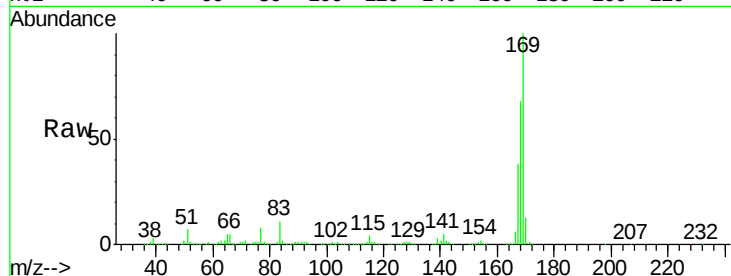




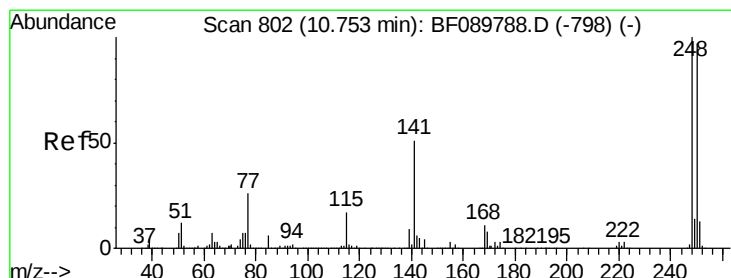
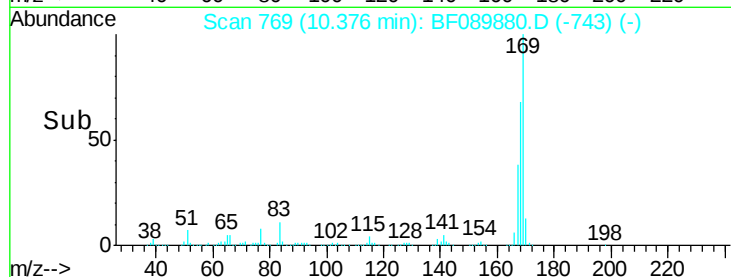
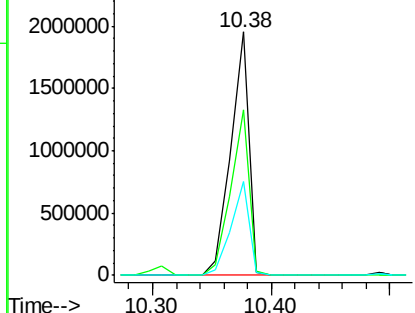
#65
 n-Nitrosodiphenylamine
 Concen: 44.72 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tgt Ion:169 Resp: 2075914
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.6 82.0
 167 38.4 30.6 45.8

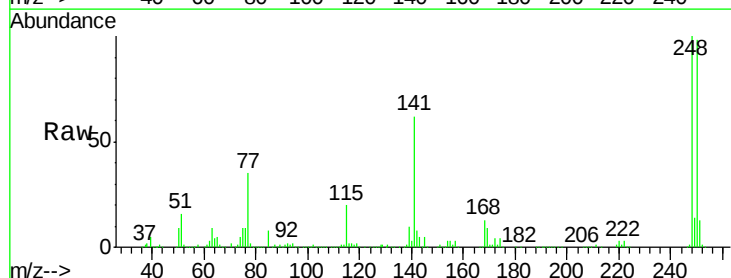


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

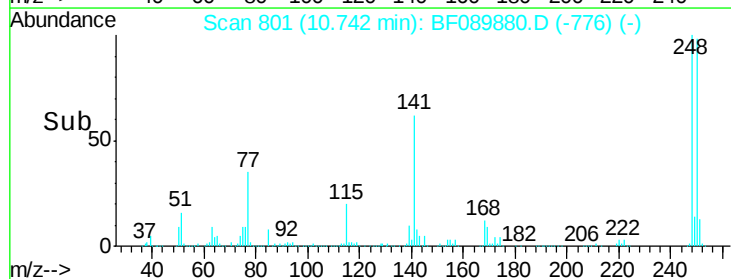
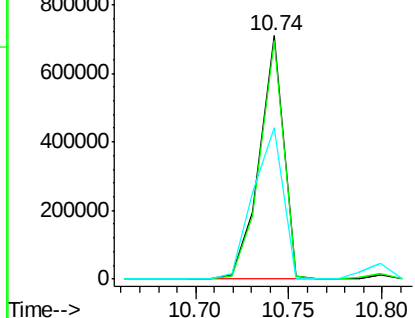


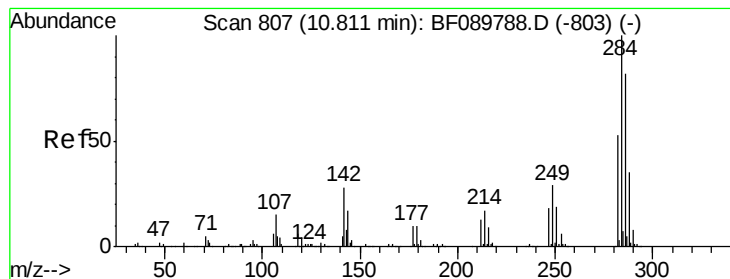
#66
 4-Bromophenyl-phenylether
 Concen: 41.01 ng
 RT: 10.74 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:248 Resp: 634795
 Ion Ratio Lower Upper
 248 100
 250 97.9 78.6 117.8
 141 62.1 31.4 47.2#



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





#67

Hexachlorobenzene

Concen: 38.86 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

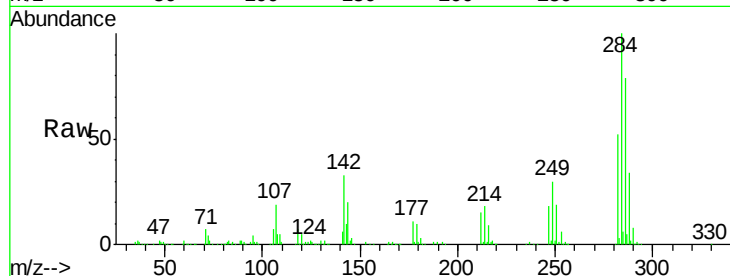
Tgt Ion:284 Resp: 686089

Ion Ratio Lower Upper

284 100

142 33.2 17.4 26.2#

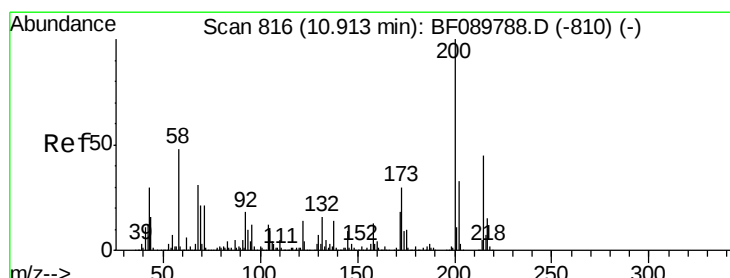
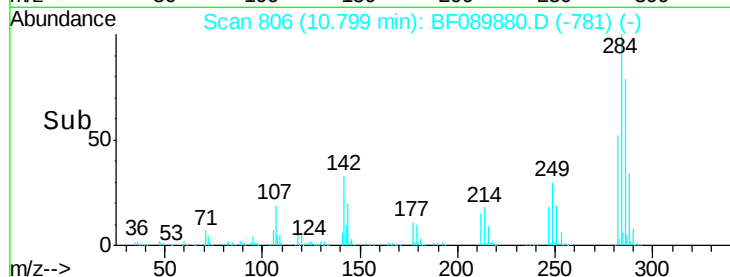
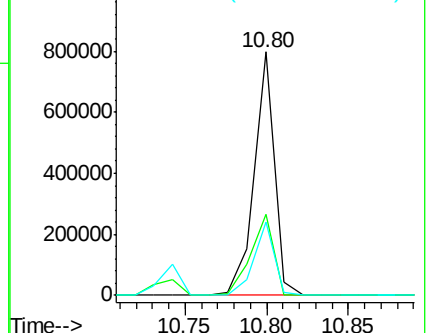
249 30.1 22.8 34.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.41 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

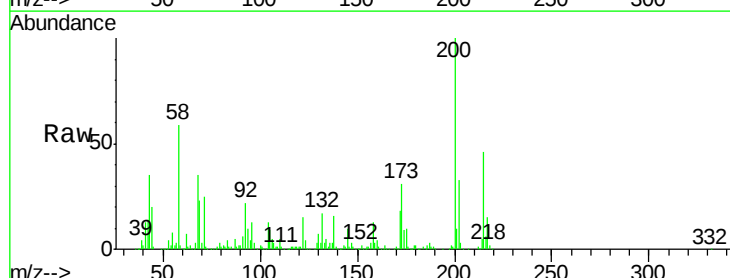
Tgt Ion:200 Resp: 531854

Ion Ratio Lower Upper

200 100

173 31.0 6.6 46.6

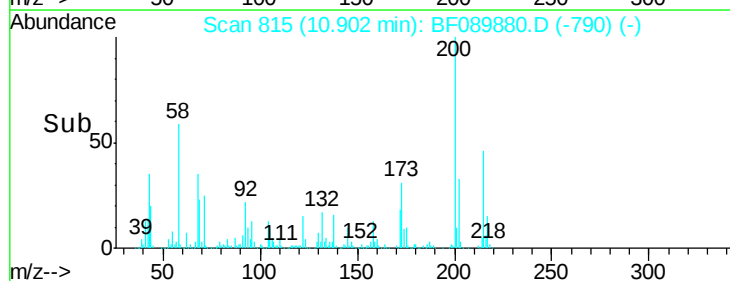
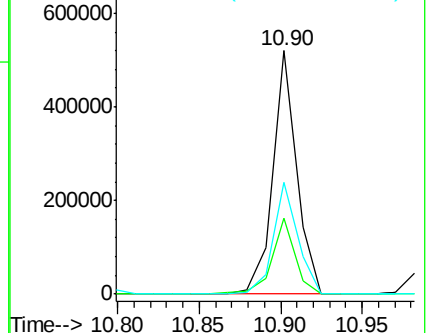
215 46.1 24.7 64.7

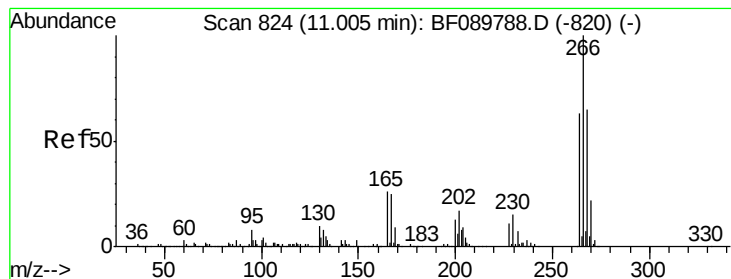


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 72.70 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

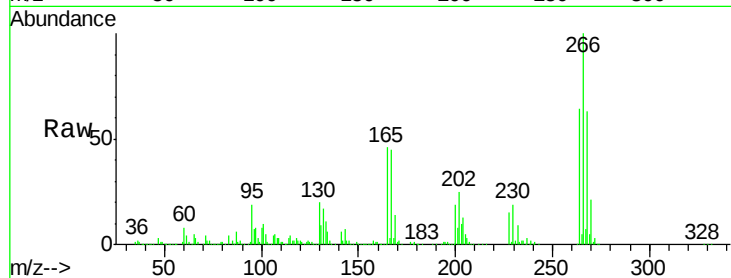
Tgt Ion:266 Resp: 727576

Ion Ratio Lower Upper

266 100

268 63.4 53.2 79.8

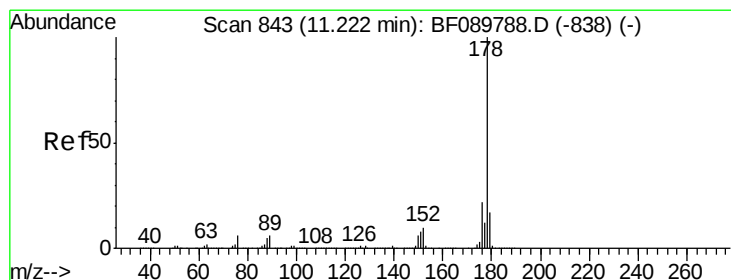
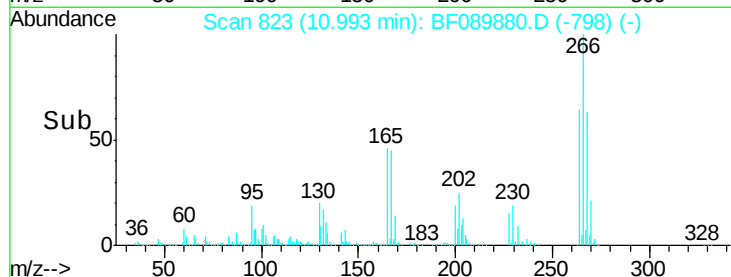
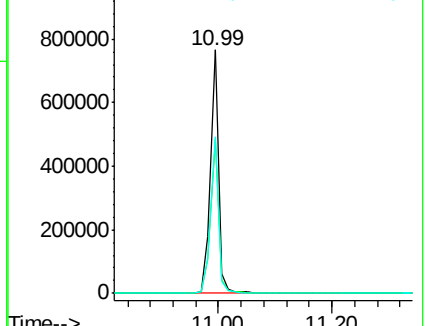
264 64.3 51.1 76.7



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: 43.36 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

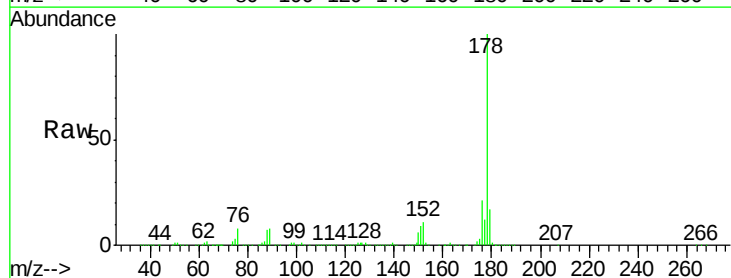
Tgt Ion:178 Resp: 3233305

Ion Ratio Lower Upper

178 100

176 21.5 16.4 24.6

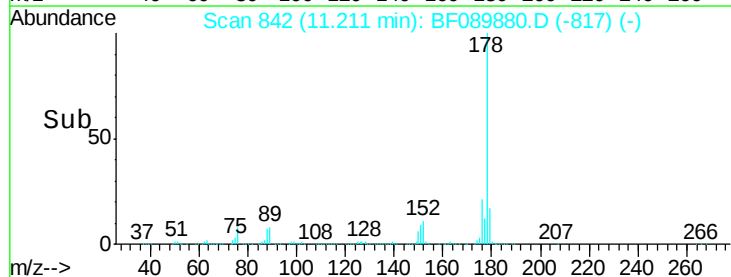
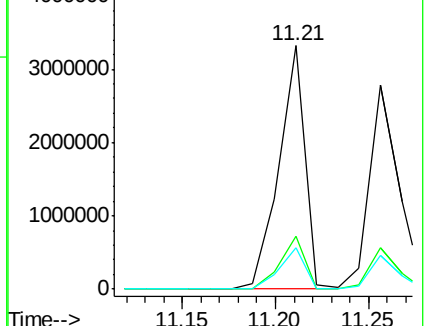
179 17.0 12.5 18.7

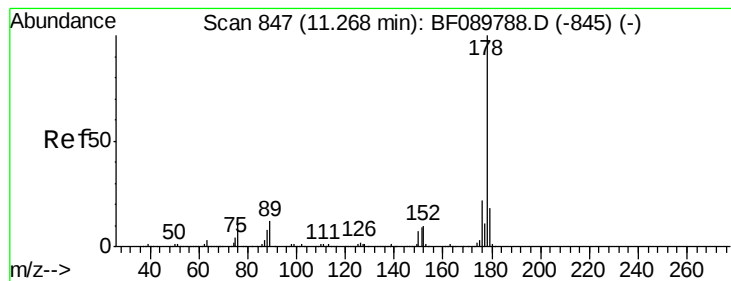


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.70 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

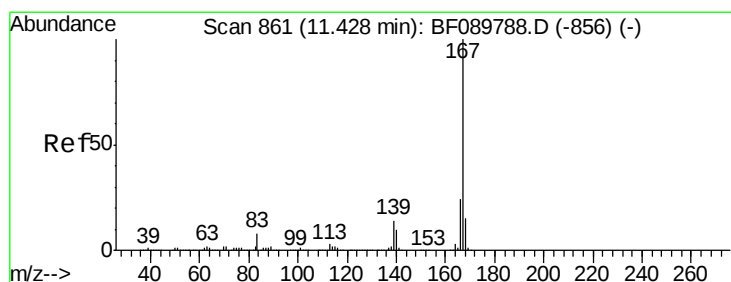
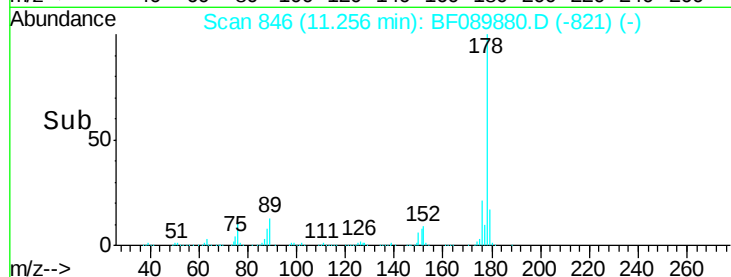
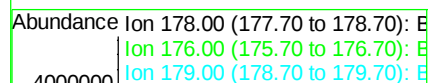
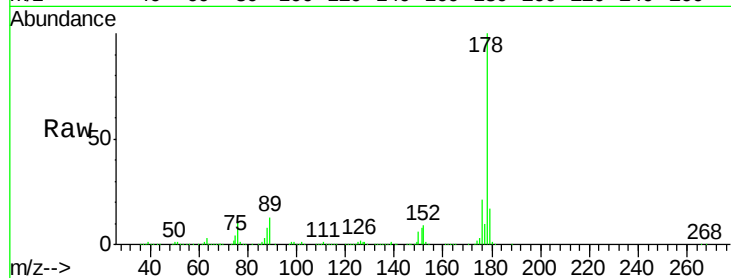
Tgt Ion:178 Resp: 2933579

Ion Ratio Lower Upper

178 100

176 20.6 16.4 24.6

179 16.8 13.1 19.7



#72

Carbazole

Concen: 44.39 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

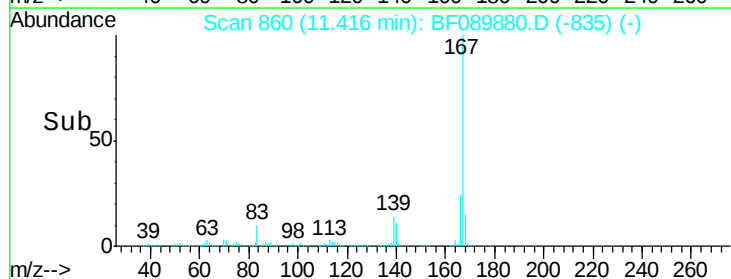
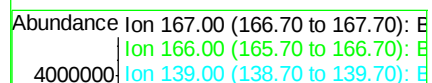
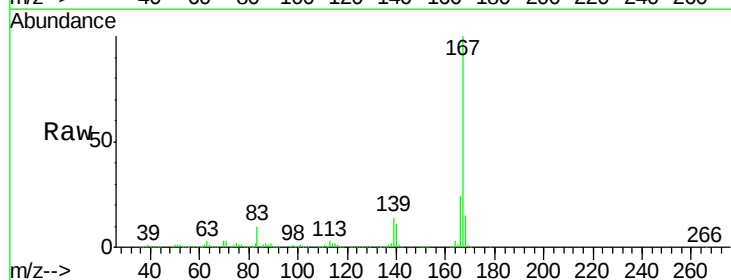
Tgt Ion:167 Resp: 3017455

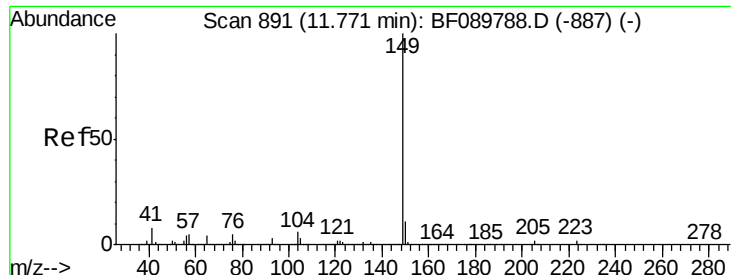
Ion Ratio Lower Upper

167 100

166 23.6 17.9 26.9

139 14.3 12.4 18.6





#73

Di-n-butylphthalate

Concen: 43.42 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

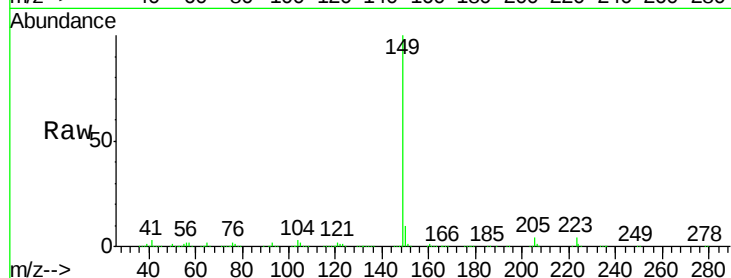
Tgt Ion:149 Resp: 3693085

Ion Ratio Lower Upper

149 100

150 9.6 7.9 11.9

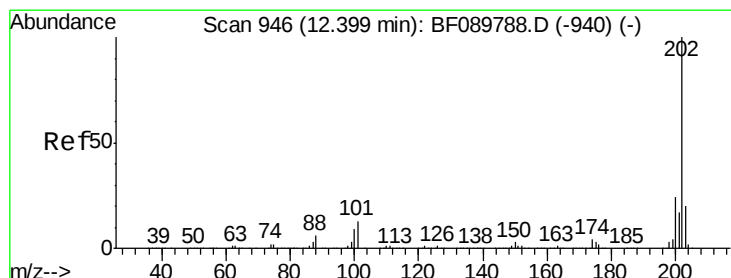
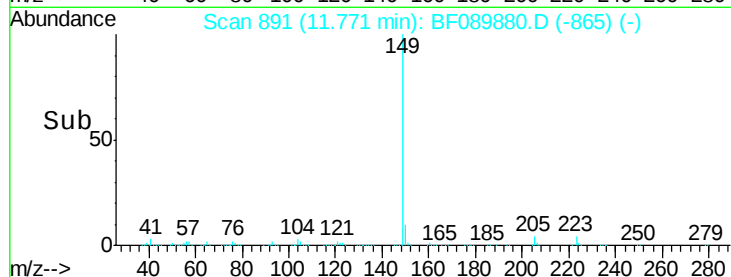
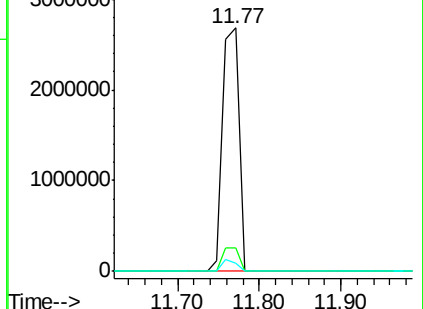
104 3.4 4.3 6.5#



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: 41.29 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

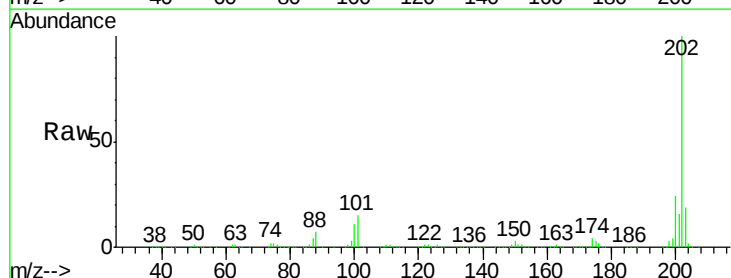
Tgt Ion:202 Resp: 2928598

Ion Ratio Lower Upper

202 100

101 15.1 0.0 31.2

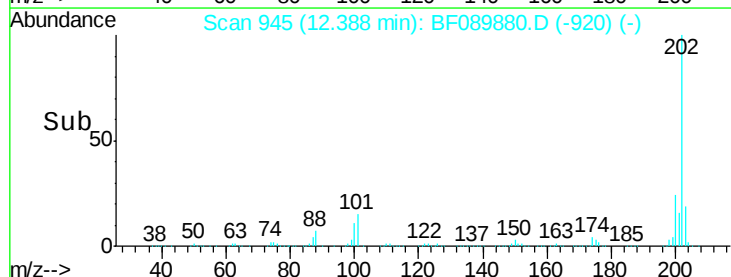
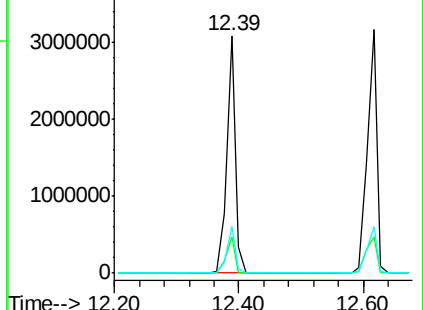
203 19.4 0.0 38.1

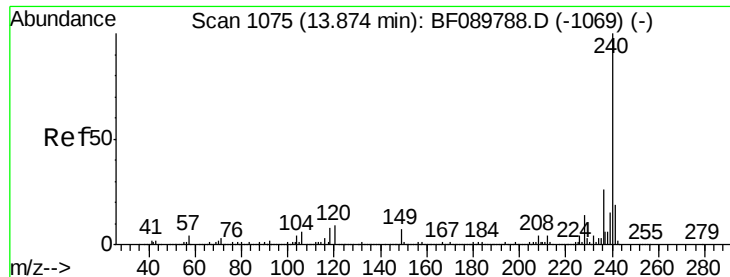


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

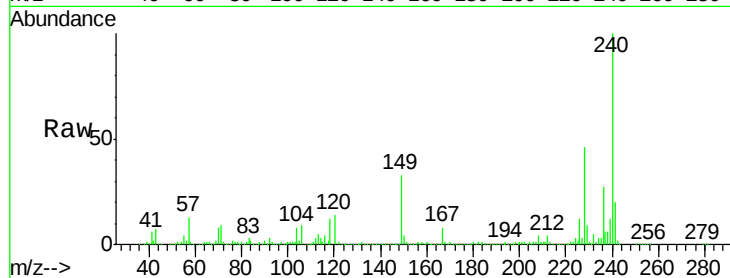
Tgt Ion:240 Resp: 1126682

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

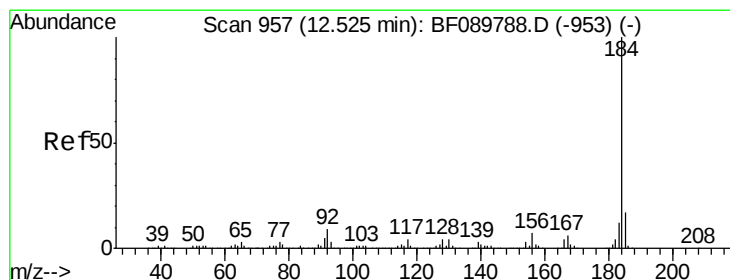
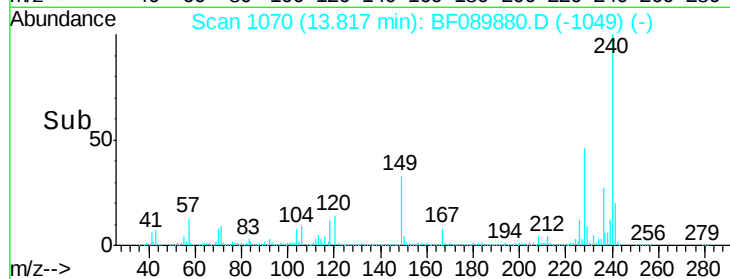
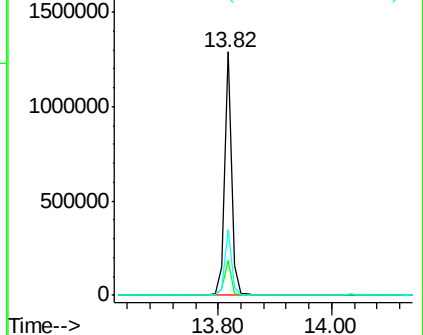
236 27.2 21.3 31.9



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: 37.04 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

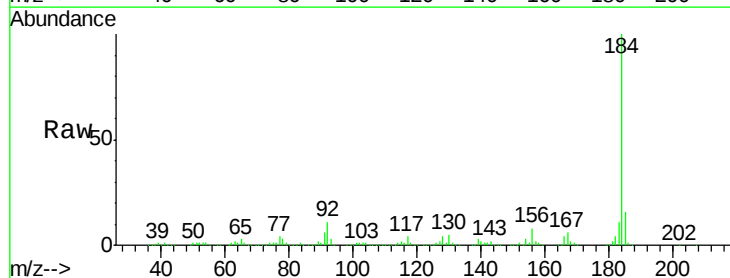
Tgt Ion:184 Resp: 1350691

Ion Ratio Lower Upper

184 100

185 15.9 13.8 20.8

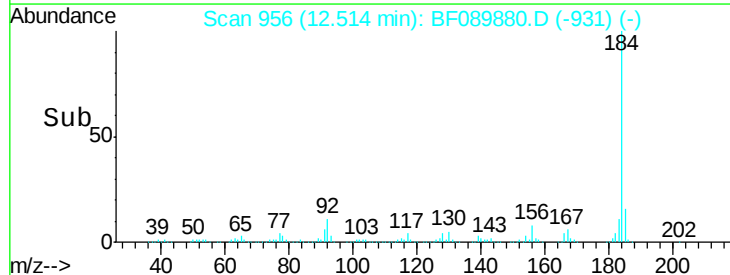
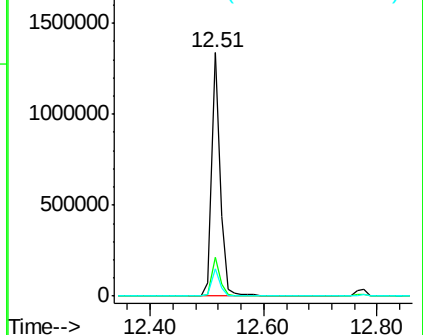
183 11.4 9.7 14.5

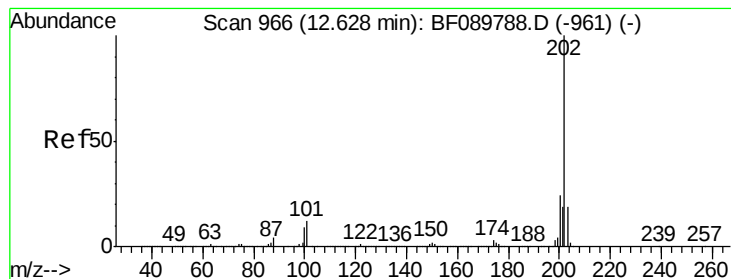


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.58 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

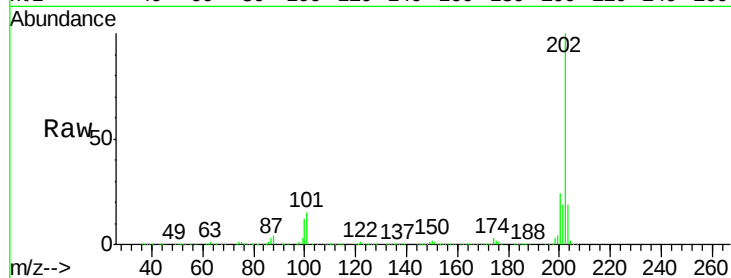
Tgt Ion:202 Resp: 3264533

Ion Ratio Lower Upper

202 100

200 23.7 17.8 26.6

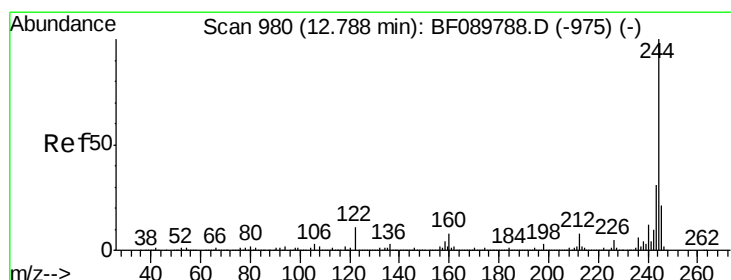
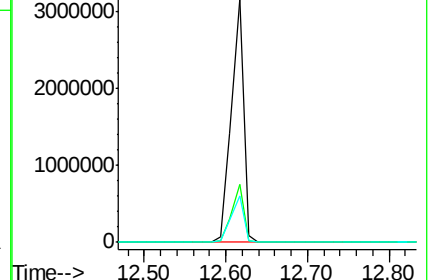
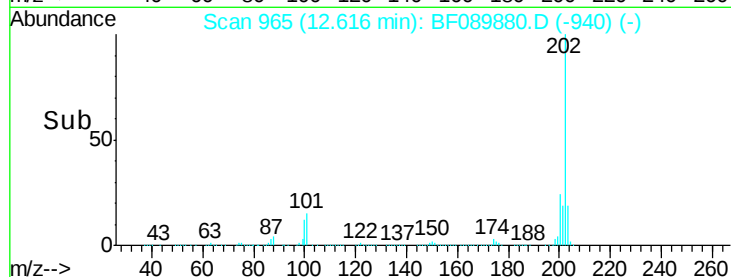
203 19.0 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.89 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

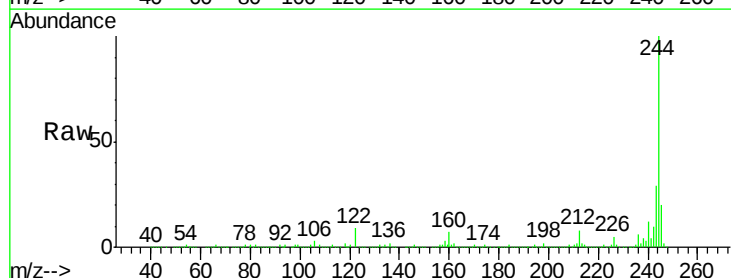
Tgt Ion:244 Resp: 3480749

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

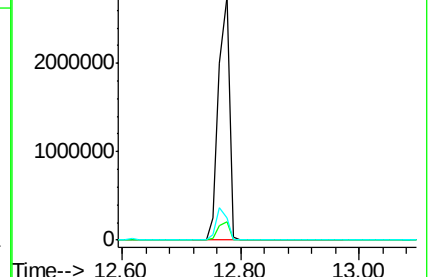
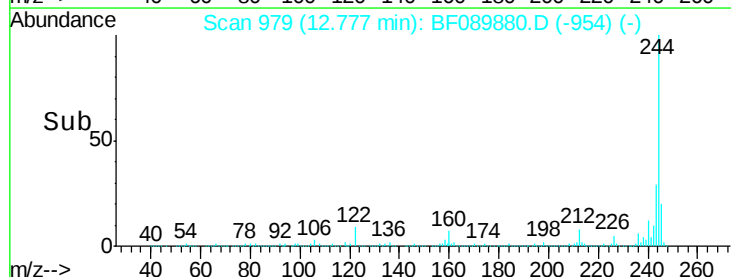
122 9.2 12.0 18.0#

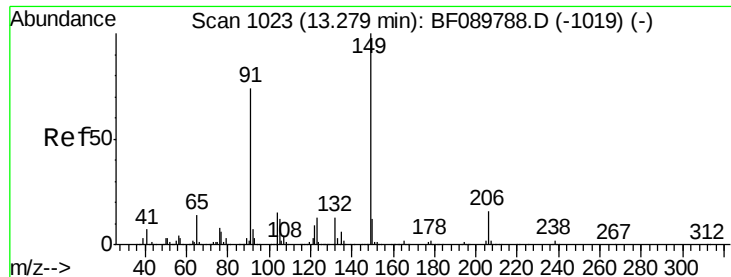


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

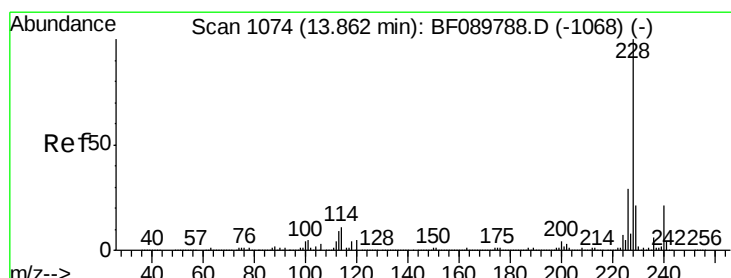
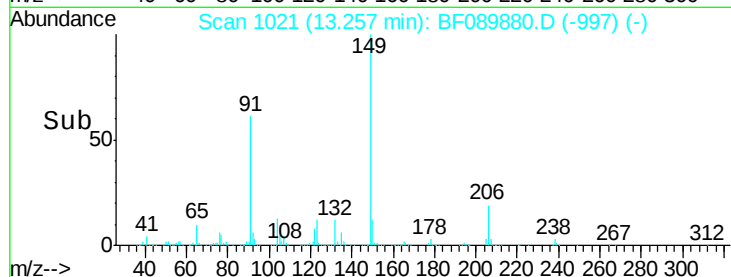
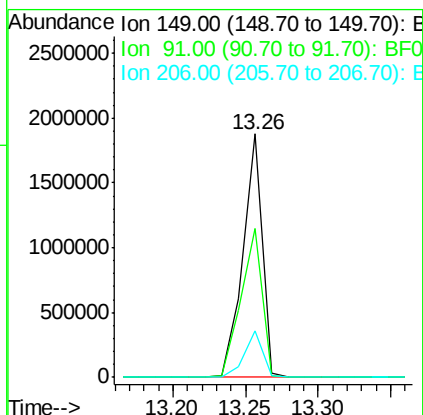
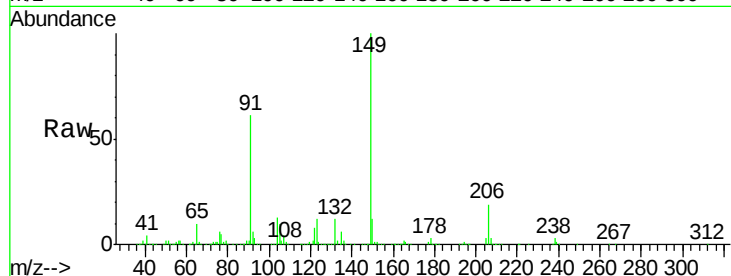




#79
Butylbenzylphthalate
Concen: 42.11 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

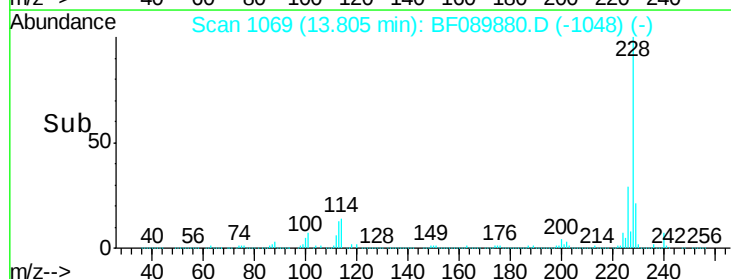
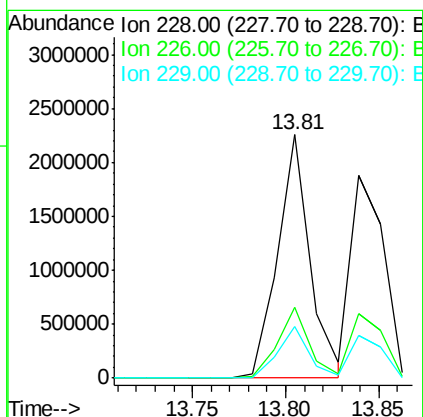
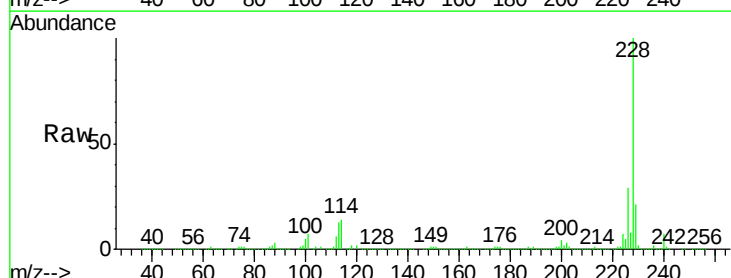
Instrument :
BNA_F
ClientSampleId :
PB93077BS

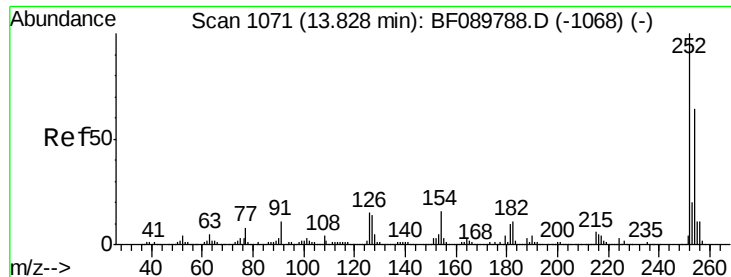
Tgt Ion:149 Resp: 1744739
Ion Ratio Lower Upper
149 100
91 61.2 50.7 76.1
206 18.9 15.5 23.3



#80
Benzo(a)anthracene
Concen: 42.15 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.06 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion:228 Resp: 2719330
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 21.1 16.2 24.4

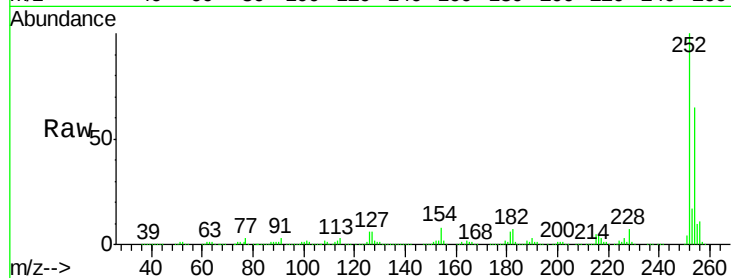




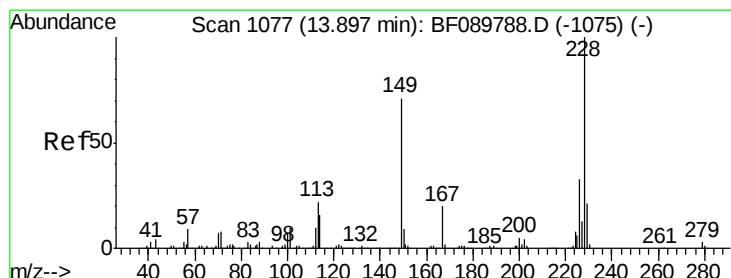
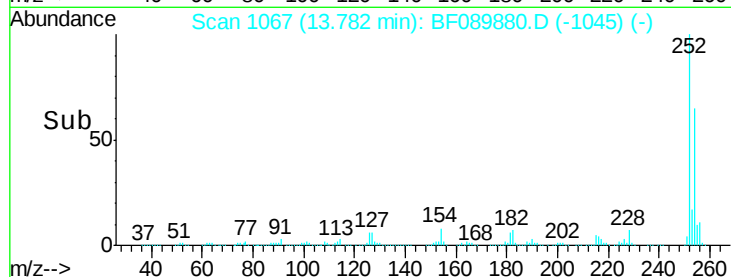
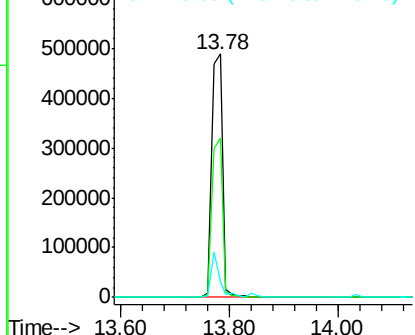
#81
 3,3'-Dichlorobenzidine
 Concen: 32.76 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.05 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93077BS

Tgt Ion:252 Resp: 692934
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.6 75.8
 126 6.3 12.6 18.8#

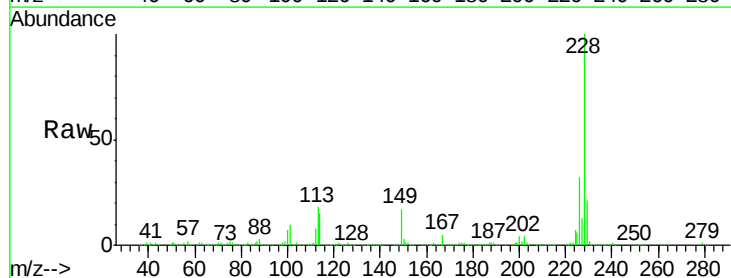


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

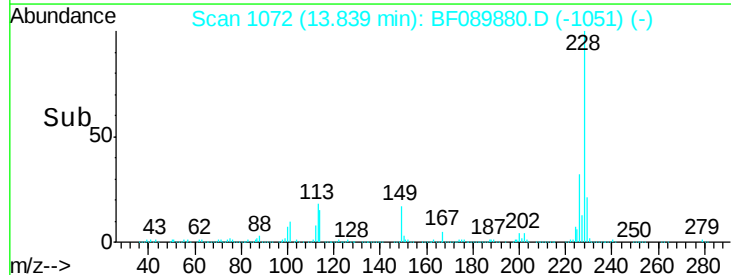
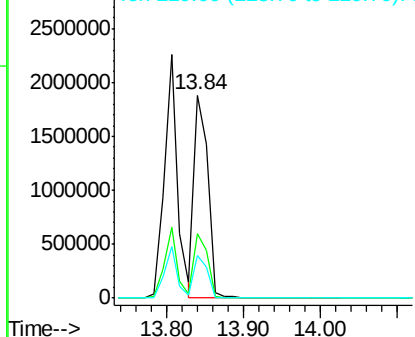


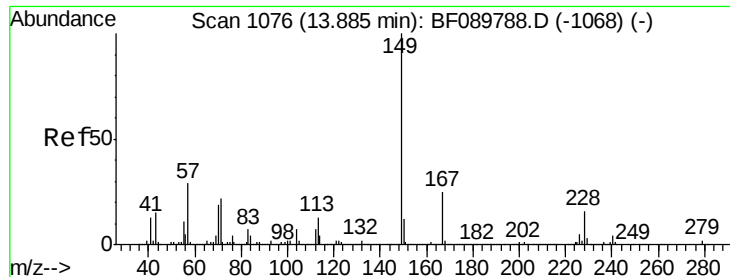
#82
 Chrysene
 Concen: 42.41 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.06 min
 Lab File: BF089880.D
 Acq: 24 Aug 2016 17:48

Tgt Ion:228 Resp: 2345888
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.0
 229 20.8 16.5 24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.38 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.06 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

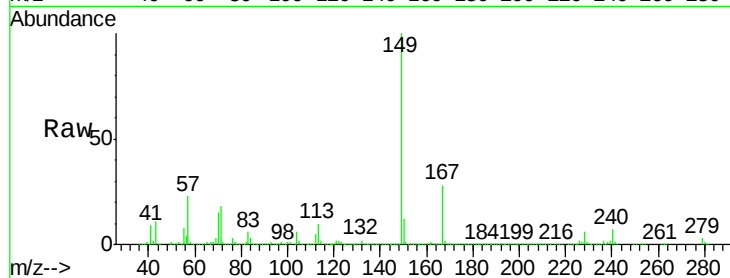
Tgt Ion:149 Resp: 2190889

Ion Ratio Lower Upper

149 100

167 27.7 21.2 31.8

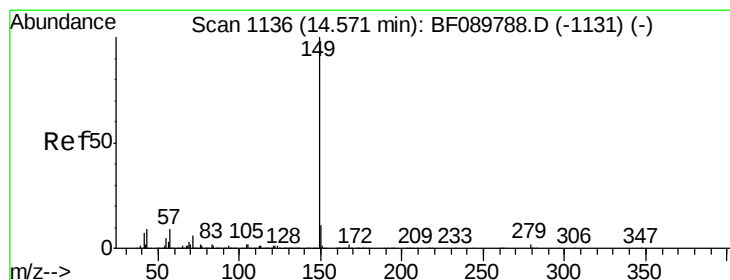
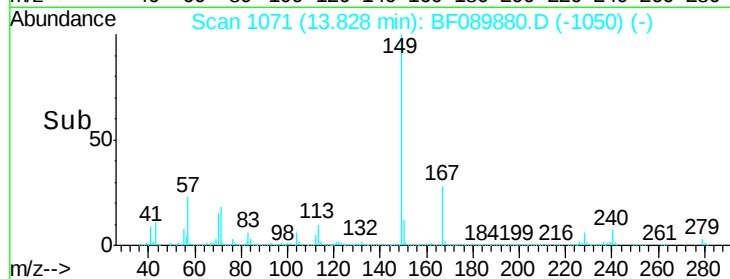
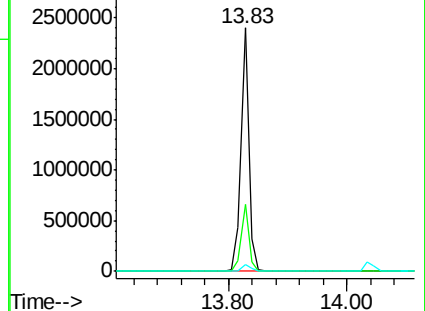
279 2.9 2.9 4.3



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: 51.23 ng

RT: 14.47 min Scan# 1127

Delta R.T. -0.10 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

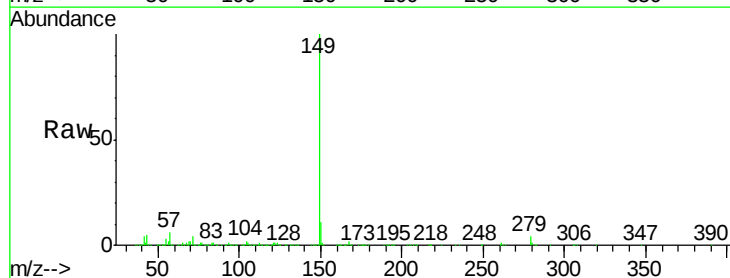
Tgt Ion:149 Resp: 3885959

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

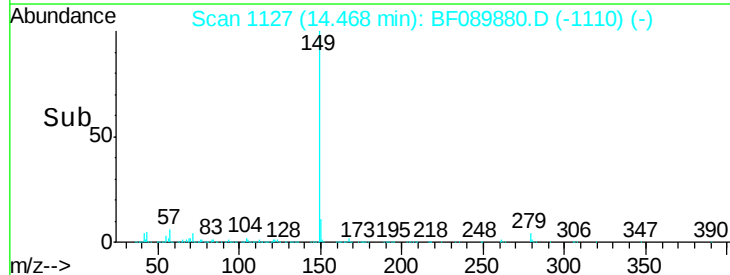
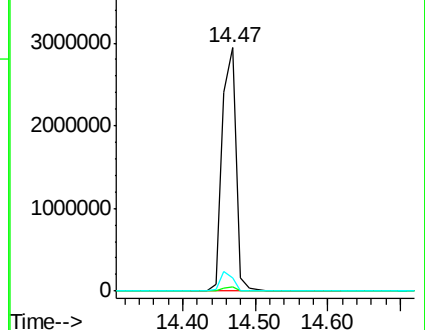
43 7.6 8.4 12.6#

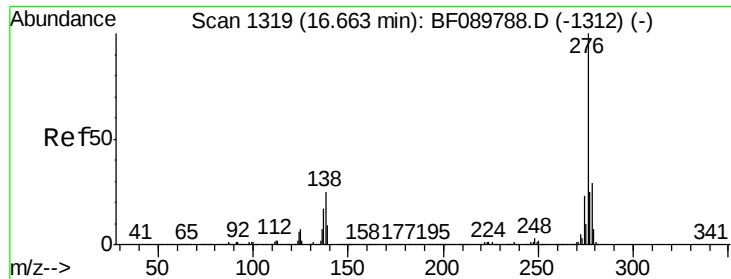


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

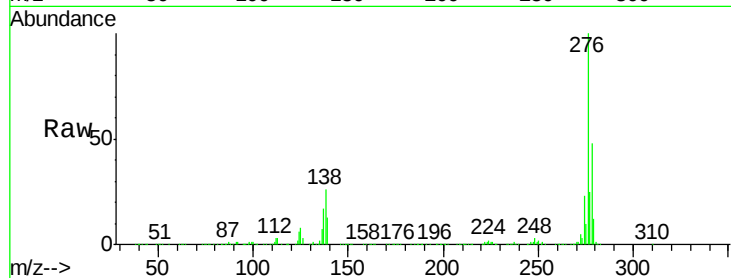




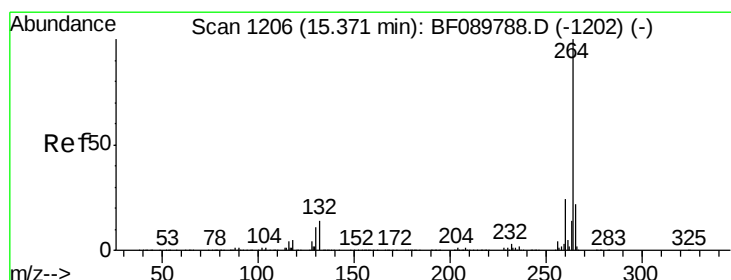
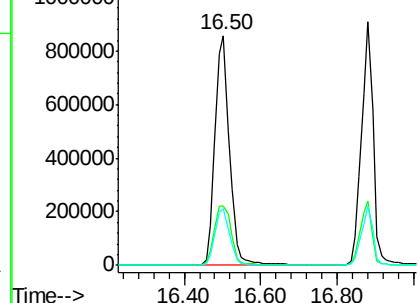
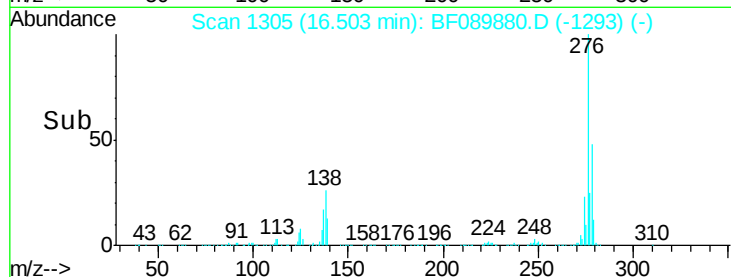
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.86 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.16 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Instrument :
BNA_F
ClientSampleId :
PB93077BS

Tgt Ion: 276 Resp: 2248361
Ion Ratio Lower Upper
276 100
138 30.5 24.6 36.8
277 25.5 20.4 30.6

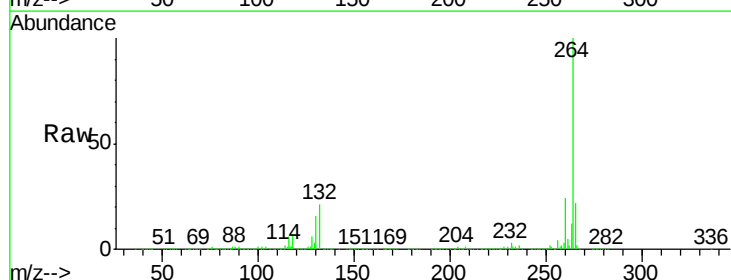


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

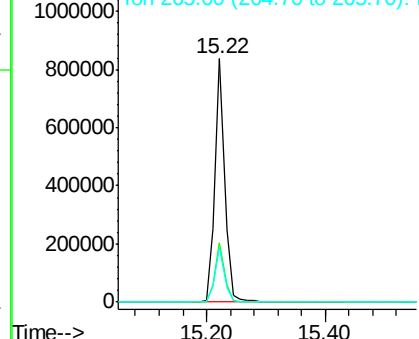
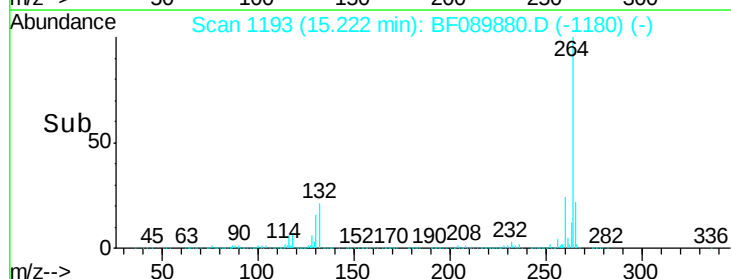


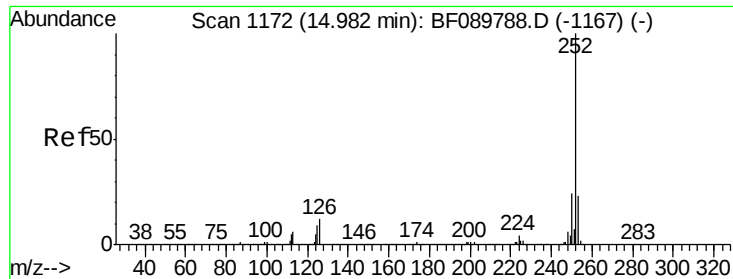
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.15 min
Lab File: BF089880.D
Acq: 24 Aug 2016 17:48

Tgt Ion: 264 Resp: 967288
Ion Ratio Lower Upper
264 100
260 24.3 20.2 30.2
265 22.1 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 88.66 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.10 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

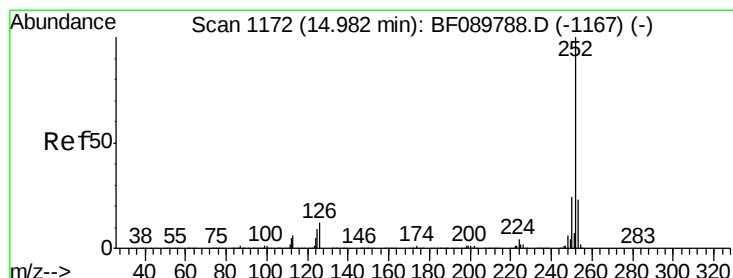
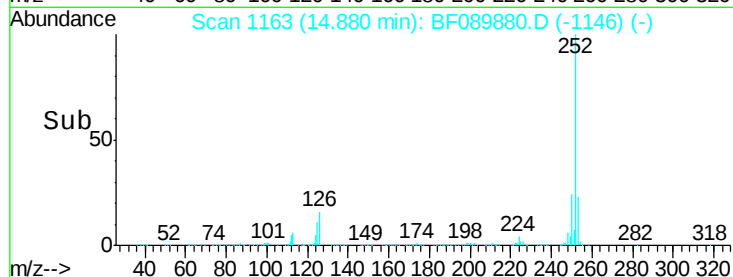
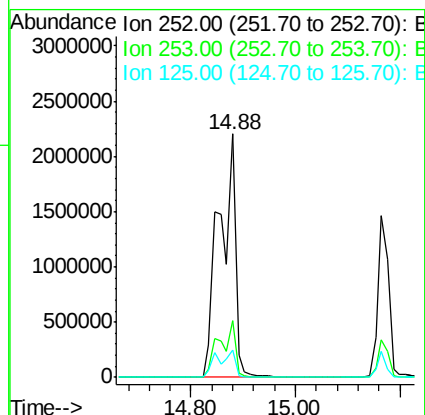
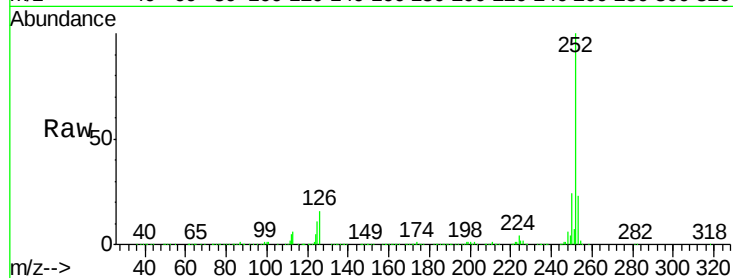
Tgt Ion:252 Resp: 4717792

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

125 11.0 11.4 17.2#



#88

Benzo(k)fluoranthene

Concen: 97.75 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.13 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

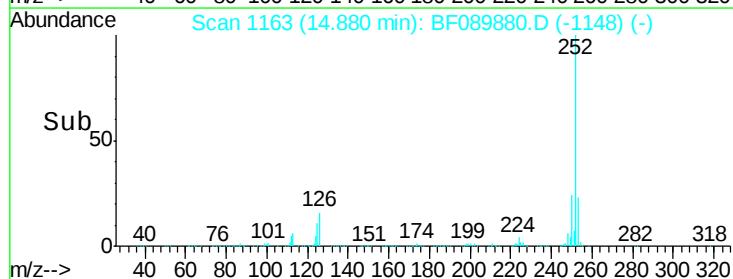
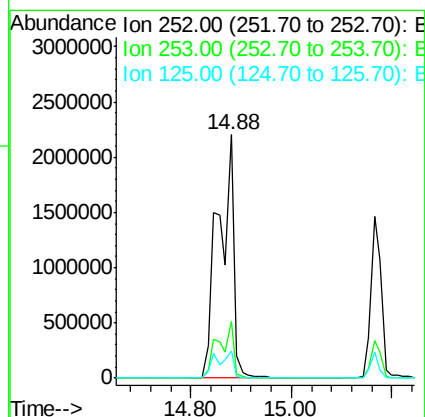
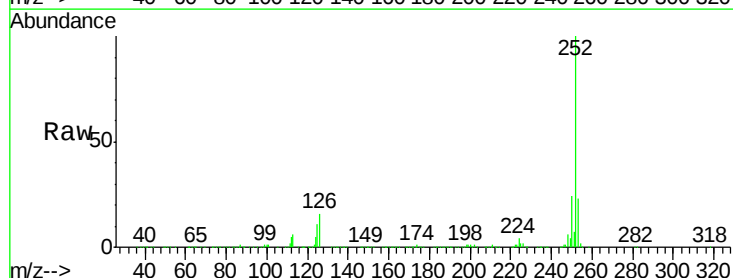
Tgt Ion:252 Resp: 4719292

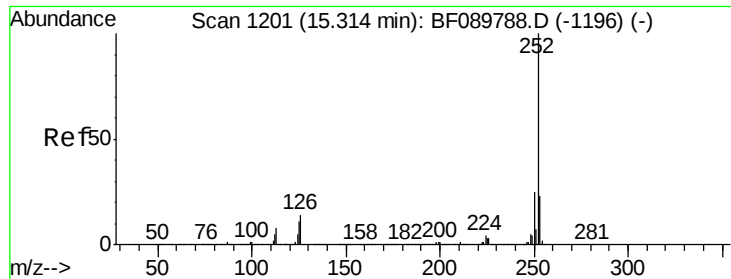
Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

125 11.0 9.8 14.6





#89

Benzo(a)pyrene

Concen: 42.03 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.15 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

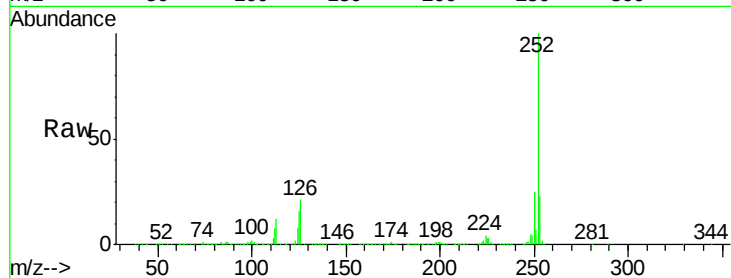
Tgt Ion:252 Resp: 2116977

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

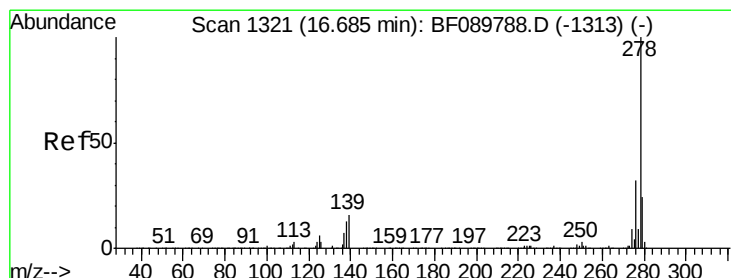
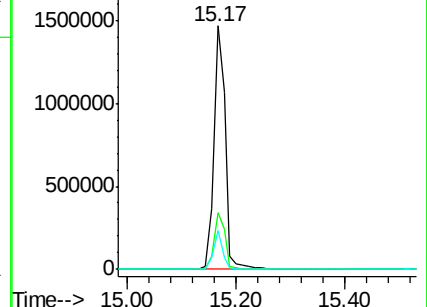
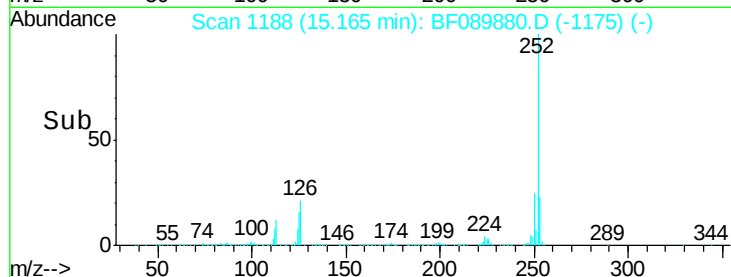
125 16.0 11.7 17.5



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: 34.76 ng

RT: 16.51 min Scan# 1306

Delta R.T. -0.17 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

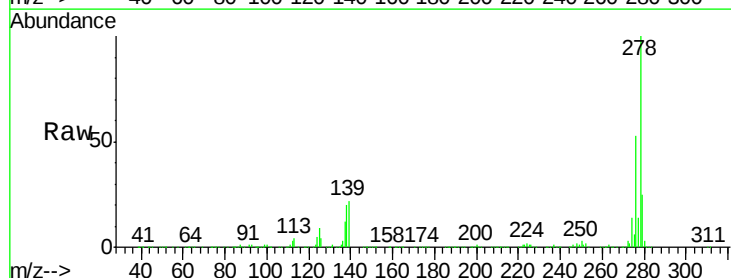
Tgt Ion:278 Resp: 1900032

Ion Ratio Lower Upper

278 100

139 22.1 14.9 22.3

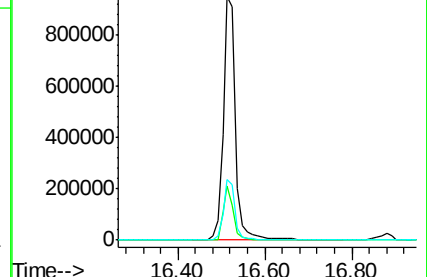
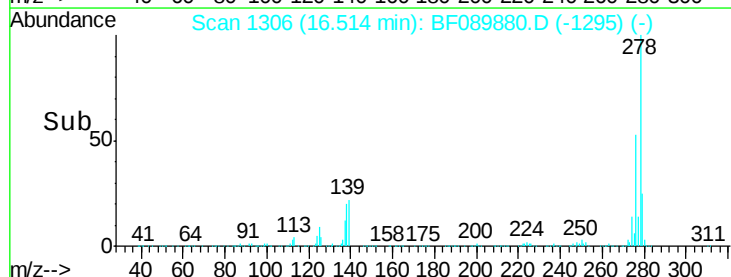
279 24.8 19.2 28.8

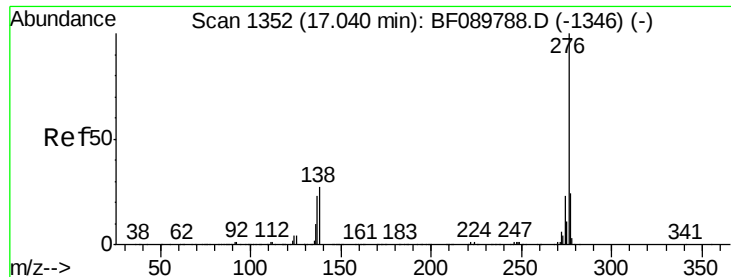


Abundance Ion 278.00 (277.70 to 278.70): E

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: 33.38 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF089880.D

Acq: 24 Aug 2016 17:48

Instrument :

BNA_F

ClientSampleId :

PB93077BS

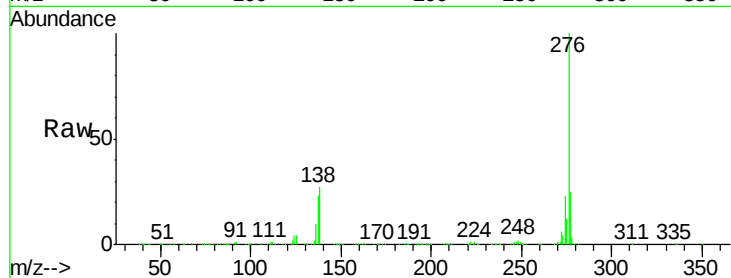
Tgt Ion:276 Resp: 1921539

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 26.7 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

