

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089796.D
 Acq On : 19 Aug 2016 15:36
 Operator : UM/SJ
 Sample : PB92924BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Quant Time: Aug 19 16:38:07 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	6.68	152	572522	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2257920	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1045973	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1900374	20.00	ng	0.01
75) Chrysene-d12	13.89	240	1207885	20.00	ng	0.01
86) Perylene-d12	15.36	264	1005914	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3810621	114.14	ng	0.02
7) Phenol-d6	6.33	99	4902684	119.63	ng	0.01
23) Nitrobenzene-d5	7.26	82	3087239	84.94	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	1403753	141.22	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	4795986	80.59	ng	0.00
78) Terphenyl-d14	12.79	244	4185919	78.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	570780	34.55	ng	98
3) Pyridine	2.90	79	1552534	35.83	ng	94
4) n-Nitrosodimethylamine	2.87	42	695088	43.08	ng	# 78
6) Aniline	6.34	93	1606105	29.22	ng	# 1
8) 2-Chlorophenol	6.47	128	1578135	39.53	ng	93
9) Benzaldehyde	6.46	77	93995	3.52	ng	90
10) Phenol	6.34	94	1938919	40.37	ng	99
11) bis(2-Chloroethyl)ether	6.43	93	1705416	45.79	ng	94
12) 1,3-Dichlorobenzene	6.86	146	1632068	39.10	ng	98
13) 1,4-Dichlorobenzene	6.71	146	1818366	42.38	ng	93
14) 1,2-Dichlorobenzene	6.71	146	1818366	45.40	ng	98
15) Benzyl Alcohol	6.83	79	1164556	42.85	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2015742	42.29	ng	91
17) 2-Methylphenol	6.96	107	1442034	46.12	ng	94
18) Hexachloroethane	7.20	117	638455	41.72	ng	# 89
19) n-Nitroso-di-n-propylamine	7.12	70	1209775	46.16	ng	# 88
20) 3+4-Methylphenols	7.11	107	1532942	39.98	ng	# 73
22) Acetophenone	7.11	105	2057904	39.69	ng	# 90
24) Nitrobenzene	7.28	77	1742903	42.74	ng	# 78
25) Isophorone	7.52	82	3176364	43.33	ng	# 93
26) 2-Nitrophenol	7.59	139	842958	41.43	ng	# 82
27) 2,4-Dimethylphenol	7.63	122	1516069	41.35	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	2132872	47.03	ng	96
29) 2,4-Dichlorophenol	7.83	162	1338991	43.52	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	1472743	43.27	ng	95
31) Naphthalene	8.00	128	4629980	43.87	ng	99
32) Benzoic acid	7.77	122	1067732	37.37	ng	95
33) 4-Chloroaniline	8.04	127	906002	19.81	ng	# 95
34) Hexachlorobutadiene	8.12	225	753381	42.27	ng	97
35) Caprolactam	8.42	113	318973	34.04	ng	95
36) 4-Chloro-3-methylphenol	8.54	107	1553616	46.62	ng	99
37) 2-Methylnaphthalene	8.68	142	3092515	45.30	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1150642	33.97	ng	96
40) Hexachlorocyclopentadiene	8.84	237	1213720	103.21	ng	97

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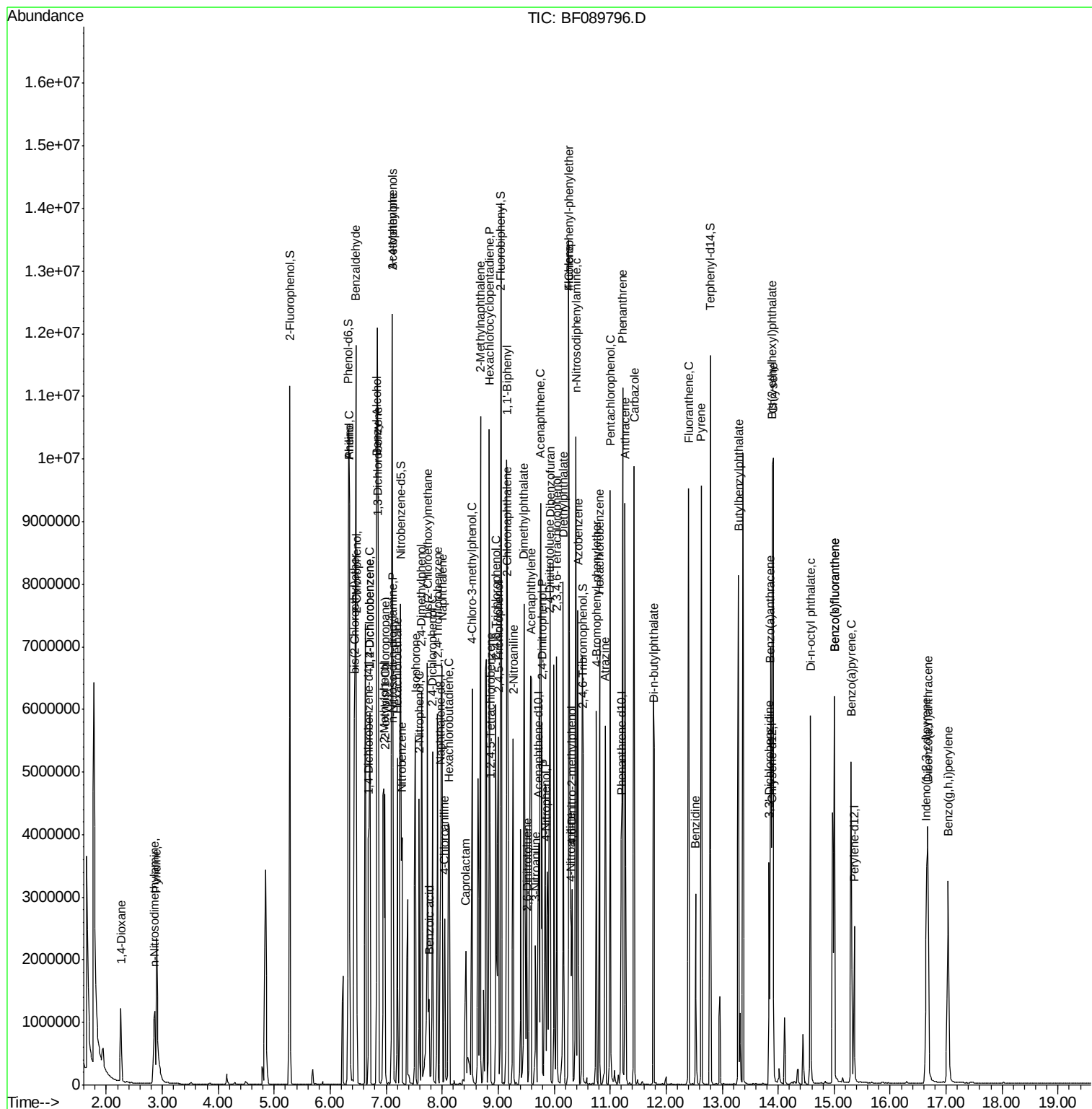
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	973822	45.70	ng	99
43) 2,4,5-Trichlorophenol	9.00	196	1007581	47.54	ng	98
45) 1,1'-Biphenyl	9.15	154	3426324	42.33	ng	95
46) 2-Chloronaphthalene	9.16	162	2821747	44.10	ng	100
47) 2-Nitroaniline	9.27	65	996115	54.58	ng	# 83
48) Acenaphthylene	9.59	152	4560092	47.43	ng	99
49) Dimethylphthalate	9.46	163	3491653	47.41	ng	98
50) 2,6-Dinitrotoluene	9.52	165	769562	45.26	ng	# 60
51) Acenaphthene	9.76	154	3343870	52.55	ng	99
52) 3-Nitroaniline	9.67	138	488063	25.91	ng	94
53) 2,4-Dinitrophenol	9.78	184	827880	81.80	ng	93
54) Dibenzofuran	9.93	168	4173321	52.21	ng	95
55) 4-Nitrophenol	9.85	139	1512938	98.39	ng	# 72
56) 2,4-Dinitrotoluene	9.92	165	1056462	47.89	ng	91
57) Fluorene	10.26	166	2938301	46.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	820487	53.19	ng	99
59) Diethylphthalate	10.16	149	3296165	44.06	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	1192438	41.04	ng	94
61) 4-Nitroaniline	10.30	138	883214	50.01	ng	88
62) Azobenzene	10.42	77	3431848	48.79	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	552202	50.57	ng	# 76
65) n-Nitrosodiphenylamine	10.39	169	2871759	48.06	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	902657	45.30	ng	# 85
67) Hexachlorobenzene	10.81	284	946993	41.66	ng	# 84
68) Atrazine	10.91	200	797329	43.57	ng	97
69) Pentachlorophenol	11.00	266	1097703	85.20	ng	98
70) Phenanthrene	11.22	178	4361085	45.44	ng	94
71) Anthracene	11.27	178	4073362	41.75	ng	98
72) Carbazole	11.43	167	4039343	46.16	ng	97
73) Di-n-butylphthalate	11.78	149	4894243	44.70	ng	# 98
74) Fluoranthene	12.40	202	3796925	41.59	ng	92
76) Benzidine	12.53	184	1320917	33.79	ng	98
77) Pyrene	12.63	202	3827450	38.91	ng	95
79) Butylbenzylphthalate	13.29	149	2226795	50.13	ng	99
80) Benzo(a)anthracene	13.86	228	3232480	46.73	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	773180	34.09	ng	# 95
82) Chrysene	13.91	228	2577666	43.47	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	2694963	44.04	ng	# 99
84) Di-n-octyl phthalate	14.58	149	4274899	52.57	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.65	276	3042310	40.21	ng	99
87) Benzo(b)fluoranthene	15.01	252	4982304	90.03	ng	97
88) Benzo(k)fluoranthene	15.01	252	4986582	99.32	ng	98
89) Benzo(a)pyrene	15.30	252	2370977	45.26	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	2527285	44.45	ng	97
91) Benzo(g,h,i)perylene	17.04	276	2597413	43.39	ng	98

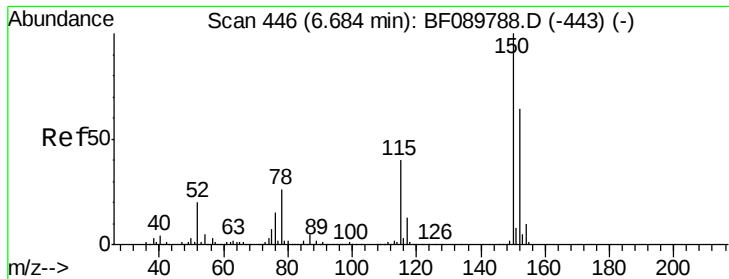
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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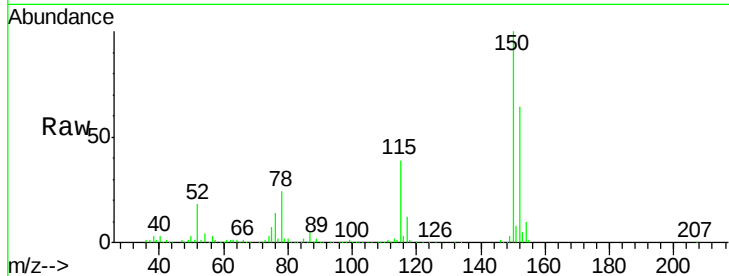


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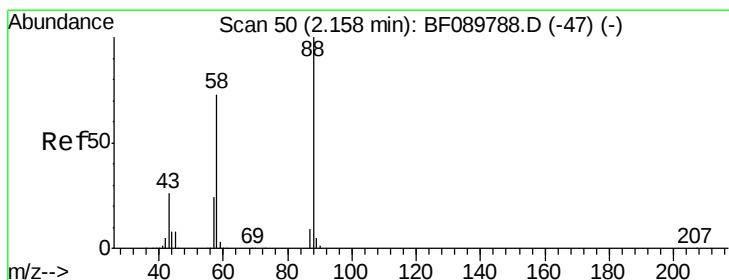
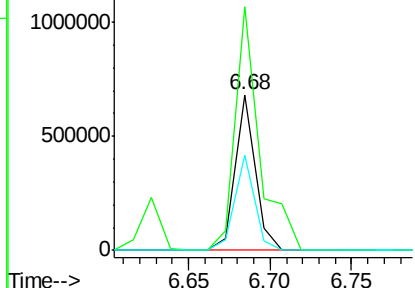
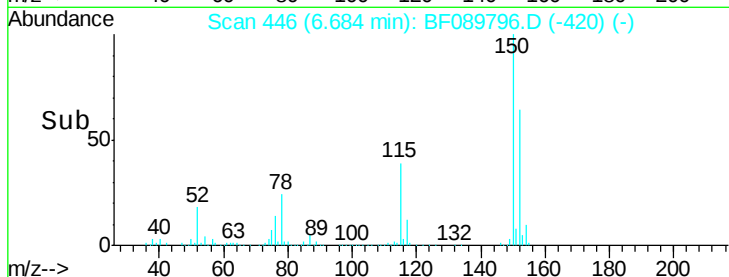
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:152 Resp: 572522
Ion Ratio Lower Upper
152 100
150 156.5 125.3 187.9
115 61.5 40.9 61.3#



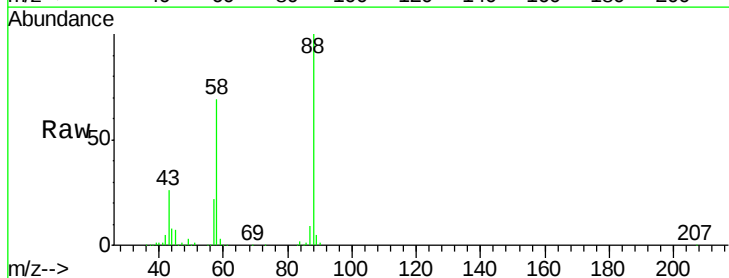
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



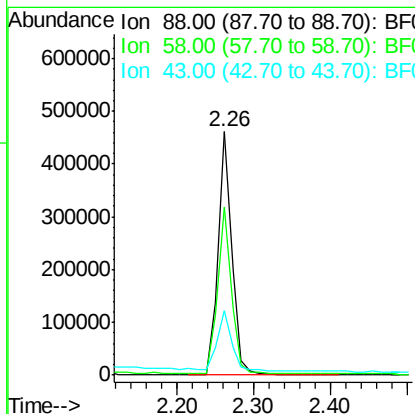
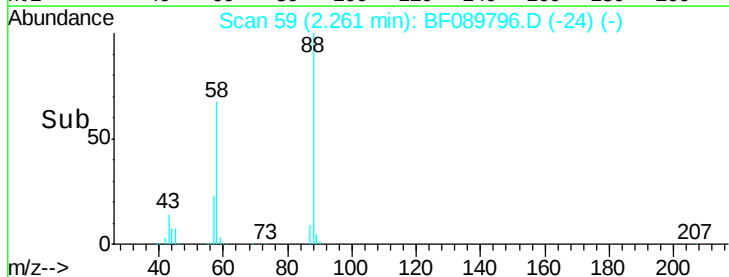
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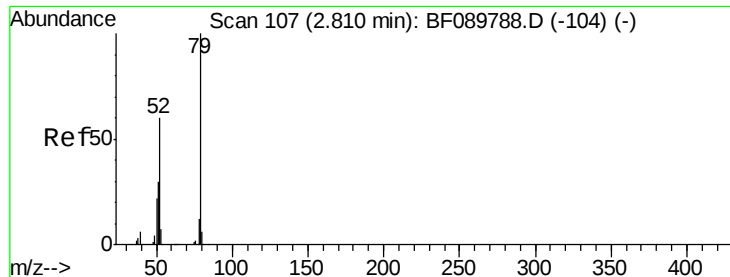
1,4-Dioxane
Concen: 34.55 ng
RT: 2.26 min Scan# 59
Delta R.T. 0.10 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion: 88 Resp: 570780
Ion Ratio Lower Upper
88 100
58 69.0 57.0 85.4
43 27.4 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: 35.83 ng

RT: 2.90 min Scan# 115

Delta R.T. 0.09 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

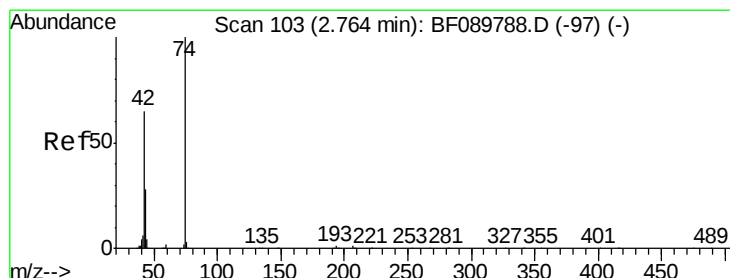
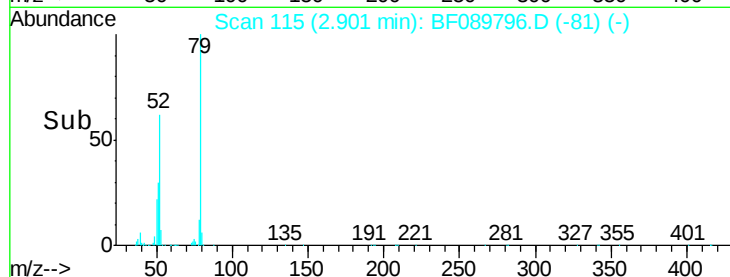
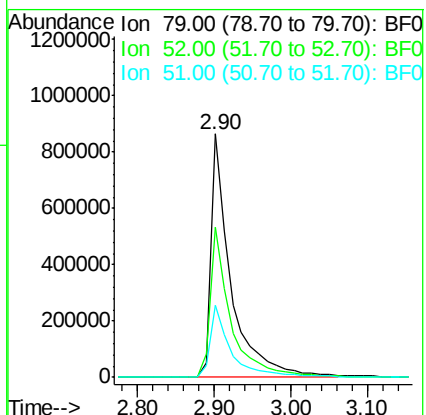
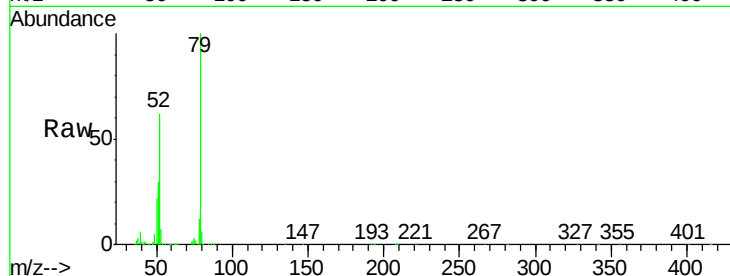
Tgt Ion: 79 Resp: 1552534

Ion Ratio Lower Upper

79 100

52 61.7 53.6 80.4

51 29.8 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 43.08 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.10 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

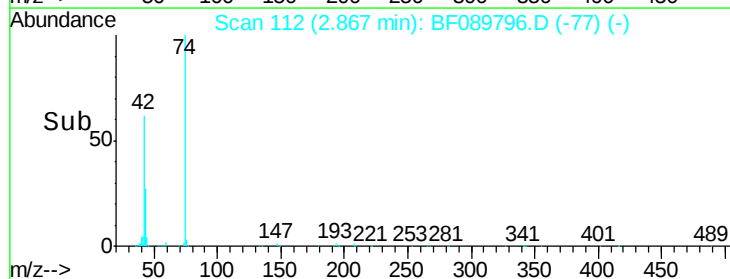
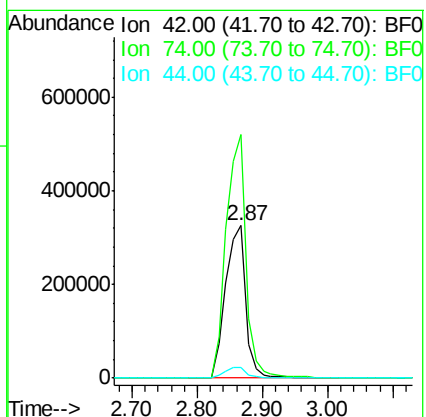
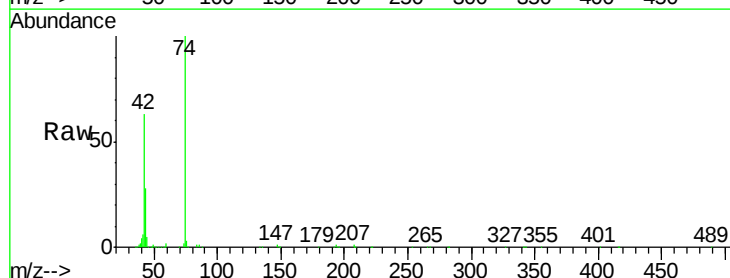
Tgt Ion: 42 Resp: 695088

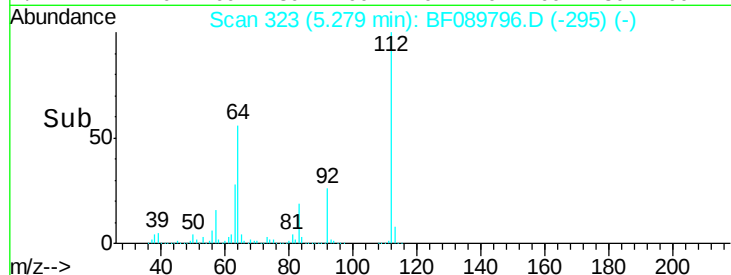
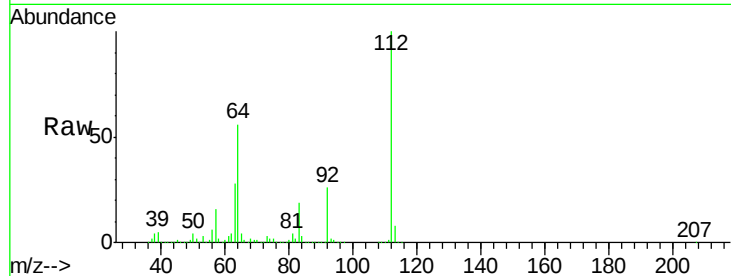
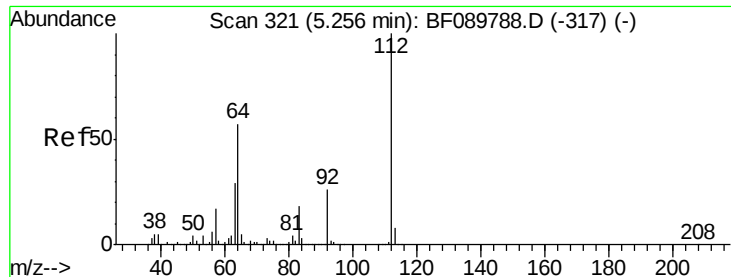
Ion Ratio Lower Upper

42 100

74 160.0 106.2 159.2#

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 114.14 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

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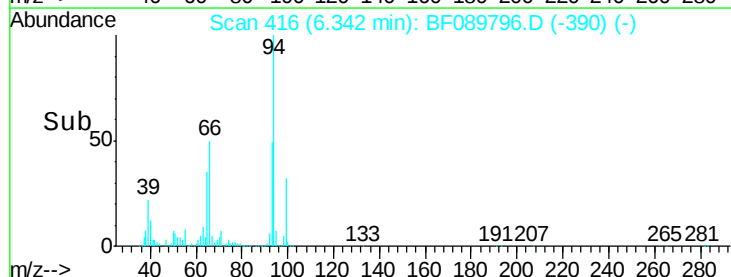
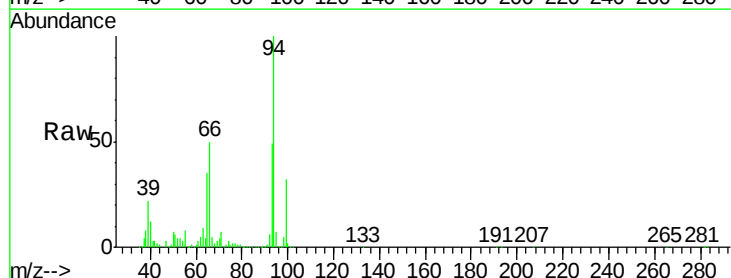
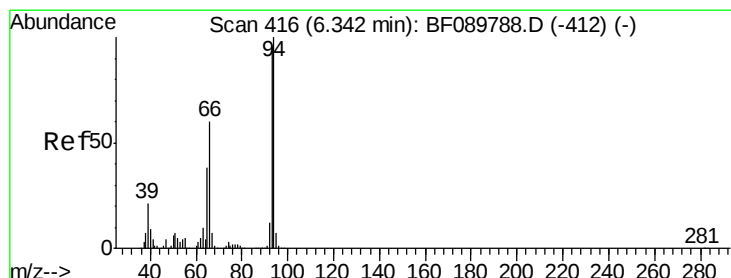
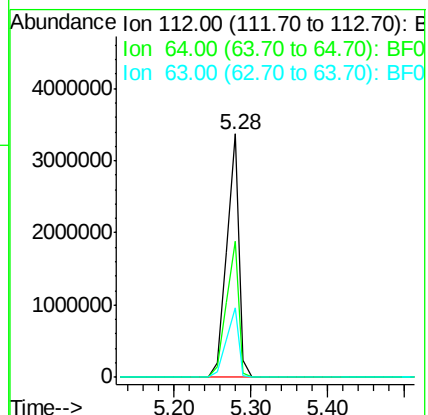
Tgt Ion:112 Resp: 3810621

Ion Ratio Lower Upper

112 100

64 55.9 45.0 67.4

63 28.4 23.1 34.7



#6

Aniline

Concen: 29.22 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

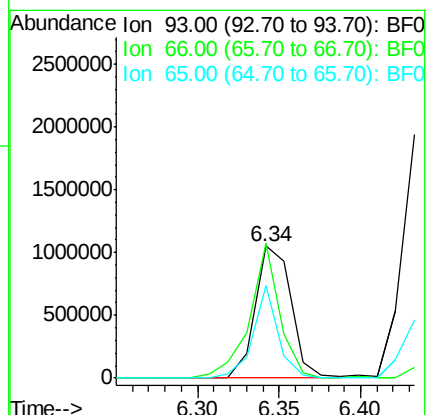
Tgt Ion: 93 Resp: 1606105

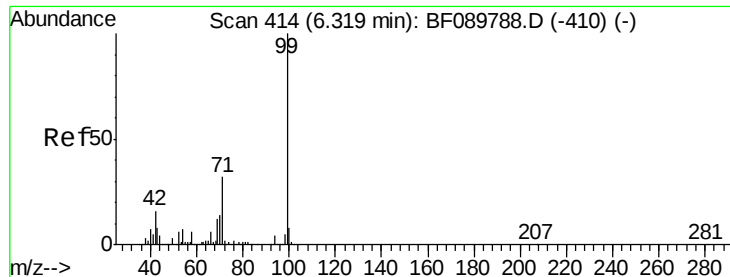
Ion Ratio Lower Upper

93 100

66 102.0 30.6 46.0#

65 70.6 15.4 23.2#





#7

Phenol-d6

Concen: 119.63 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

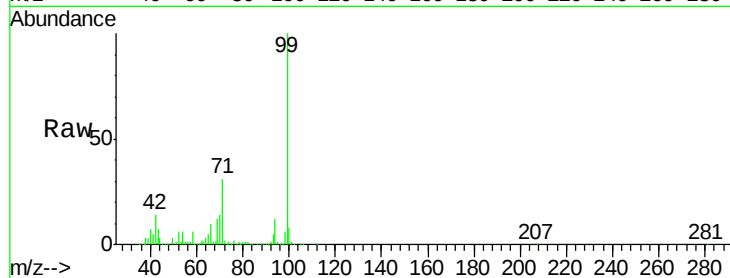
Tgt Ion: 99 Resp: 4902684

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.4

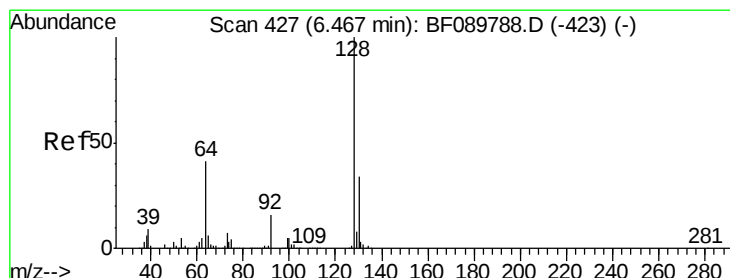
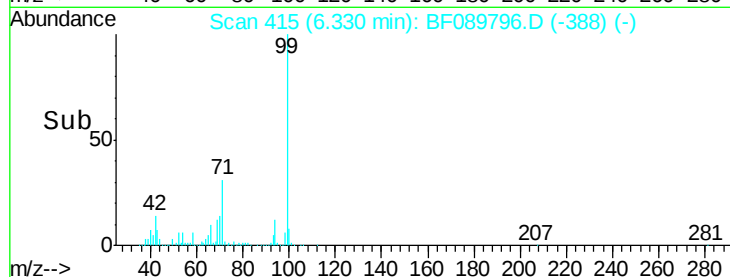
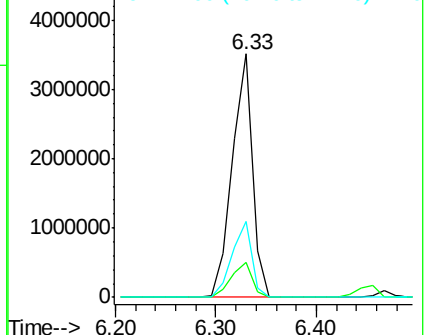
71 31.4 23.8 35.8



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: 39.53 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

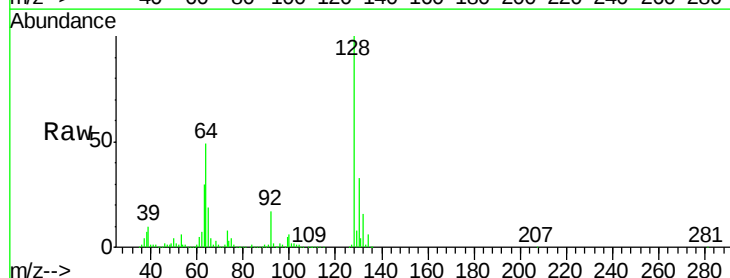
Tgt Ion: 128 Resp: 1578135

Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

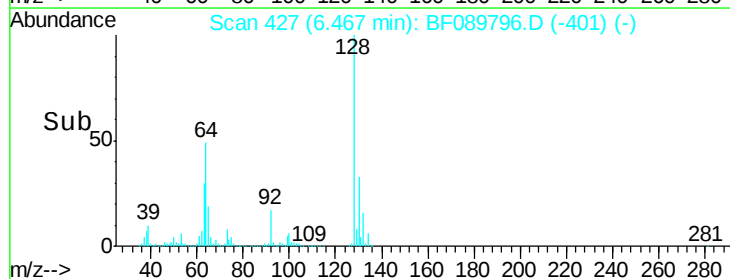
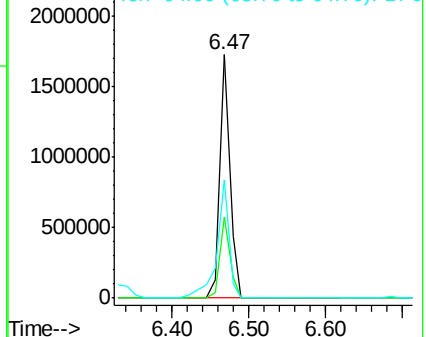
64 48.6 35.1 75.1

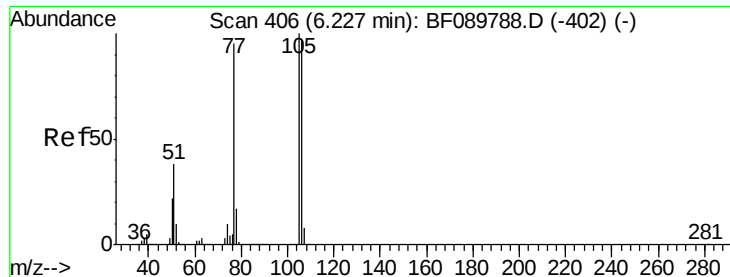


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.52 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.23 min

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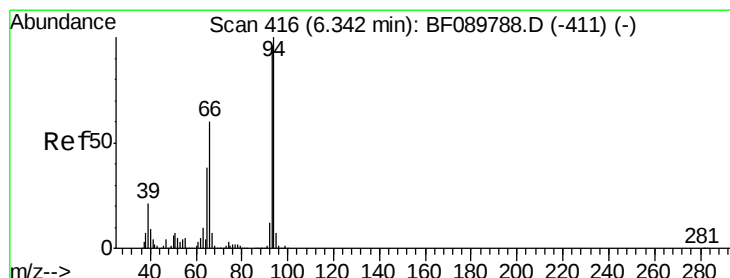
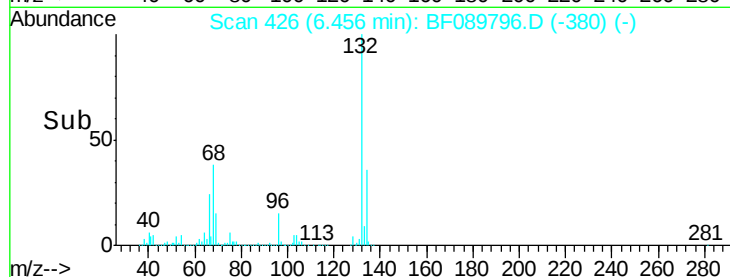
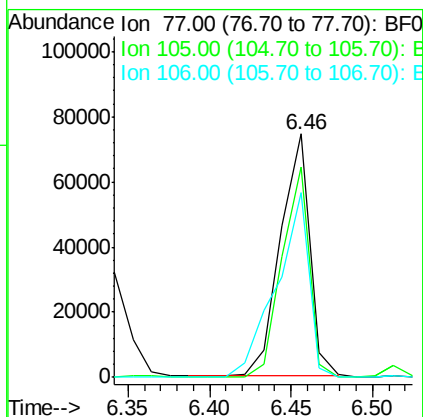
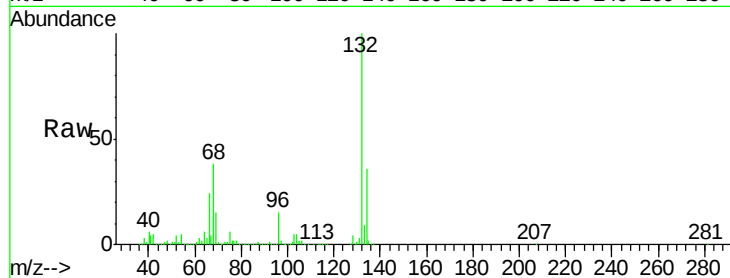
Tgt Ion: 77 Resp: 93995

Ion Ratio Lower Upper

77 100

105 86.5 73.3 113.3

106 76.0 68.6 108.6



#10

Phenol

Concen: 40.37 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

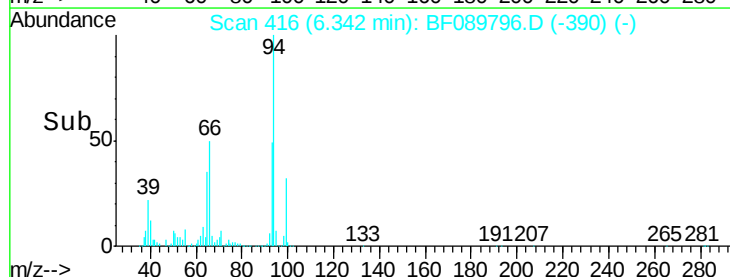
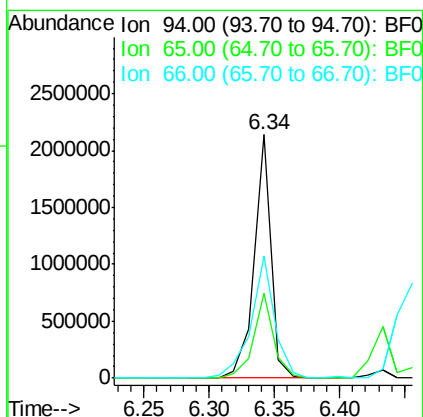
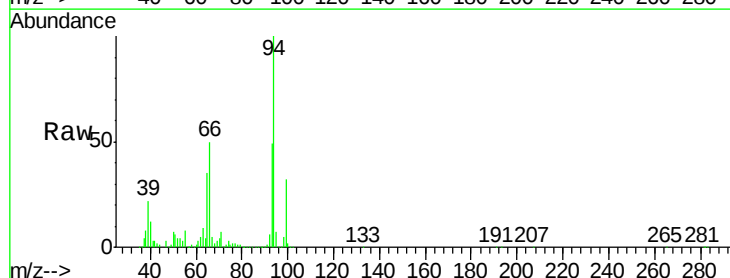
Tgt Ion: 94 Resp: 1938919

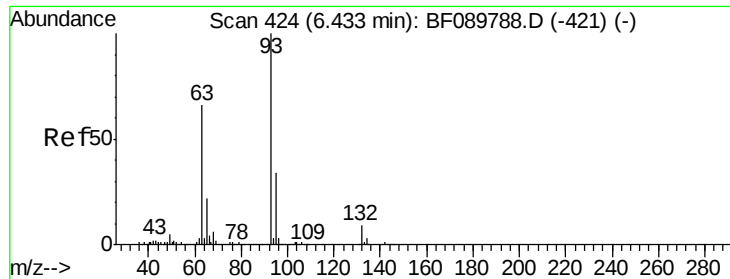
Ion Ratio Lower Upper

94 100

65 34.7 14.0 54.0

66 50.1 31.2 71.2

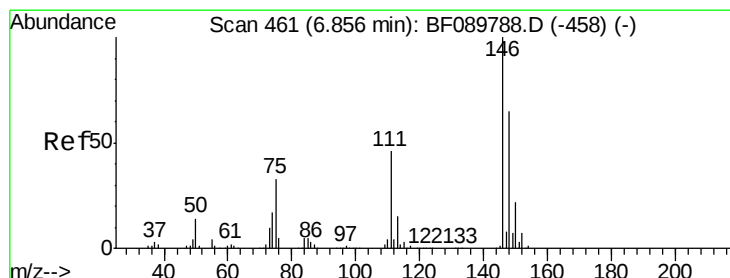
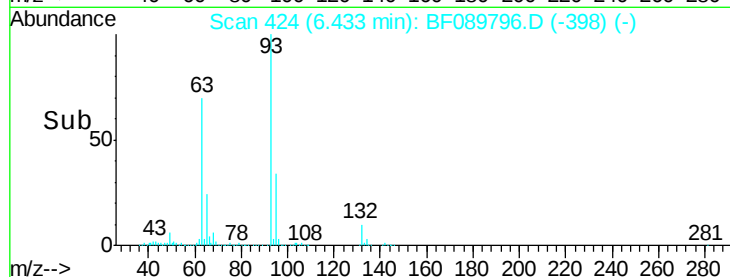
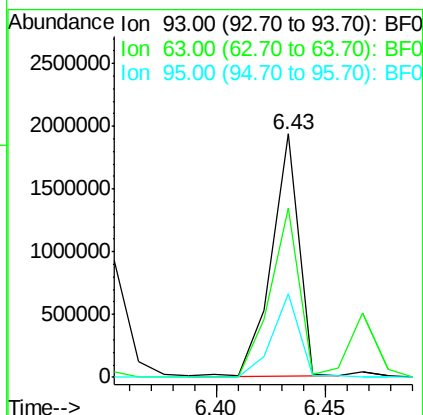
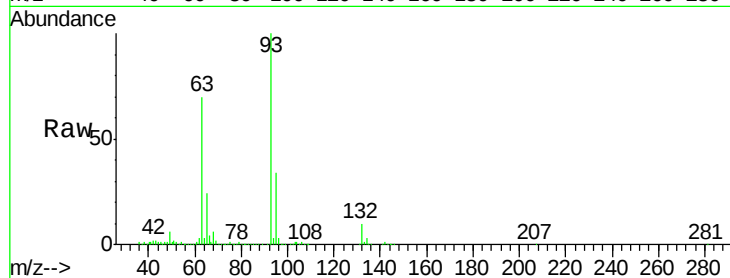




#11
 bis(2-Chloroethyl)ether
 Concen: 45.79 ng
 RT: 6.43 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

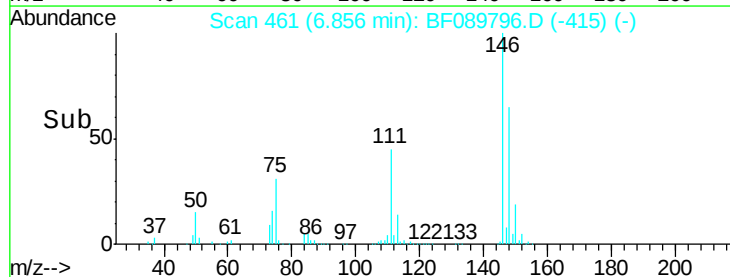
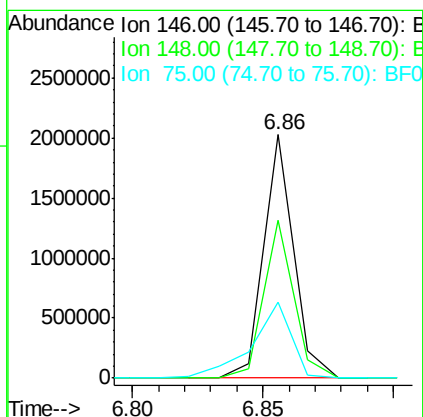
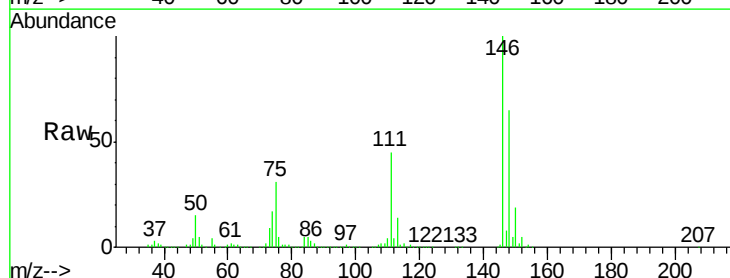
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

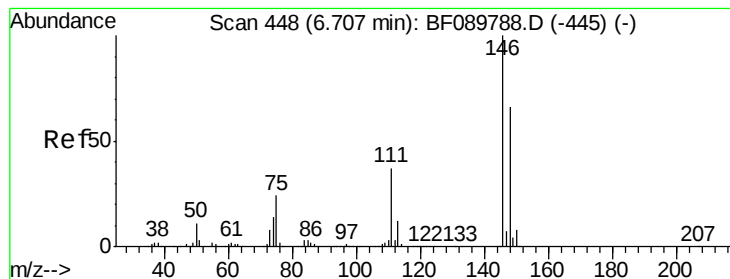
Tgt Ion: 93 Resp: 1705416
 Ion Ratio Lower Upper
 93 100
 63 69.8 55.8 95.8
 95 34.1 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 39.10 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.23 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion: 146 Resp: 1632068
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.4
 75 31.4 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 42.38 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

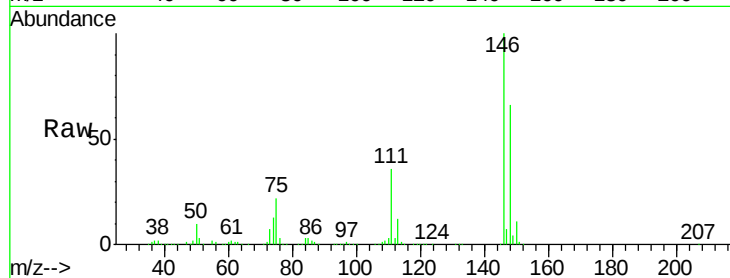
Tgt Ion:146 Resp: 1818366

Ion Ratio Lower Upper

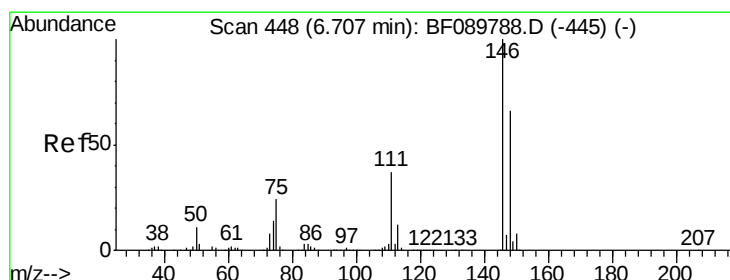
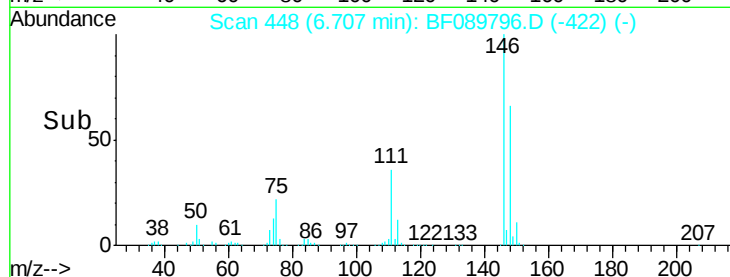
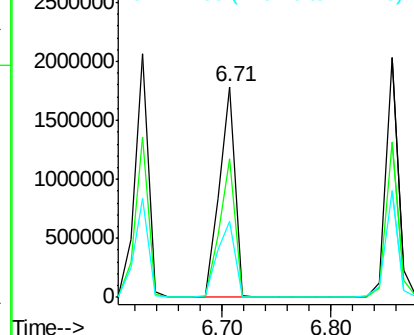
146 100

148 66.2 51.0 76.6

111 35.8 34.6 52.0



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



#14

1,2-Dichlorobenzene

Concen: 45.40 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.15 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

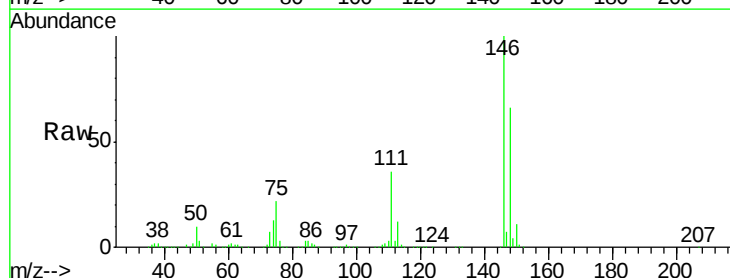
Tgt Ion:146 Resp: 1818366

Ion Ratio Lower Upper

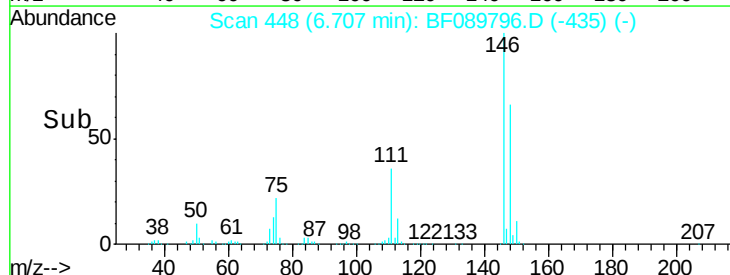
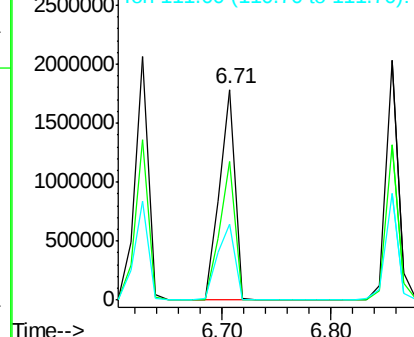
146 100

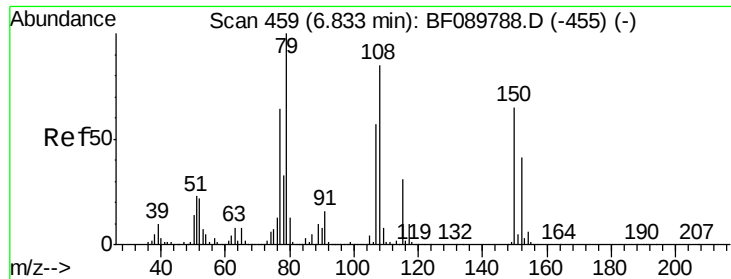
148 66.2 52.2 78.2

111 35.8 29.8 44.6



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





#15

Benzyl Alcohol

Concen: 42.85 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampled :

PB92924BS

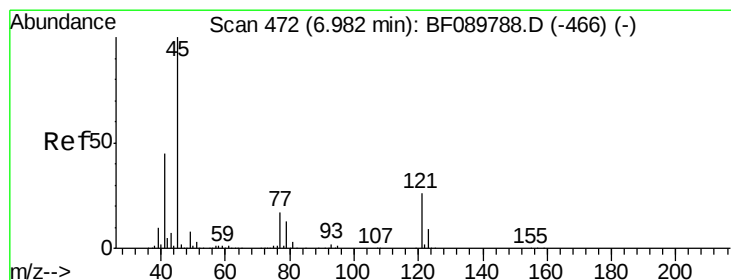
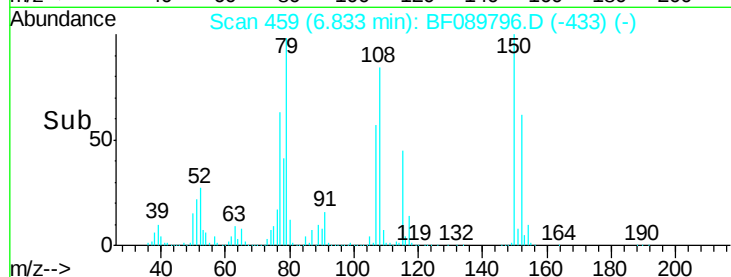
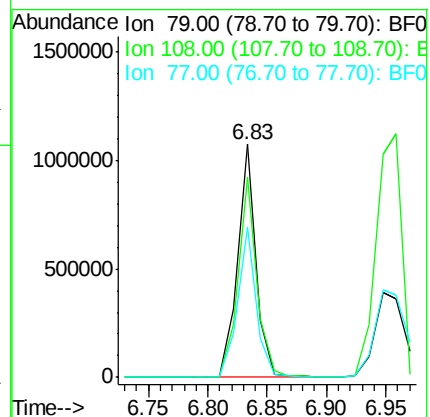
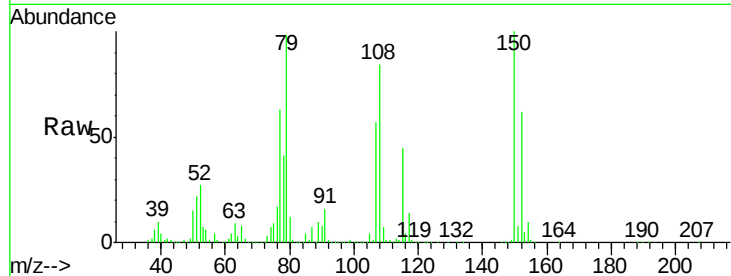
Tgt Ion: 79 Resp: 1164556

Ion Ratio Lower Upper

79 100

108 85.6 62.5 93.7

77 64.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.29 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

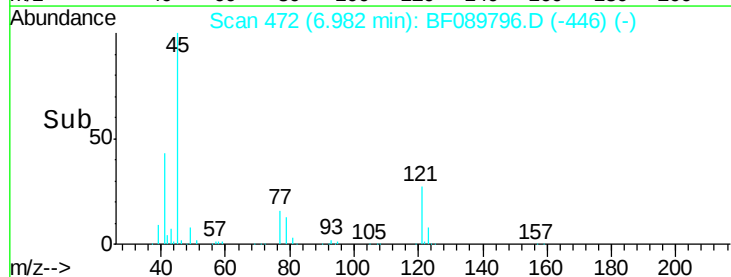
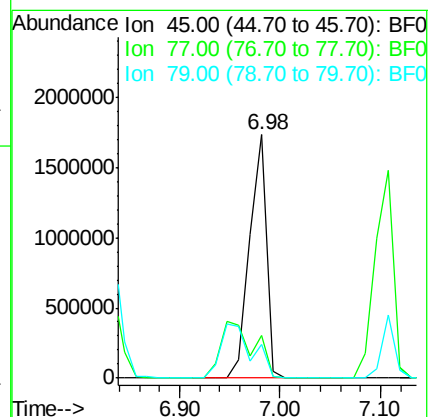
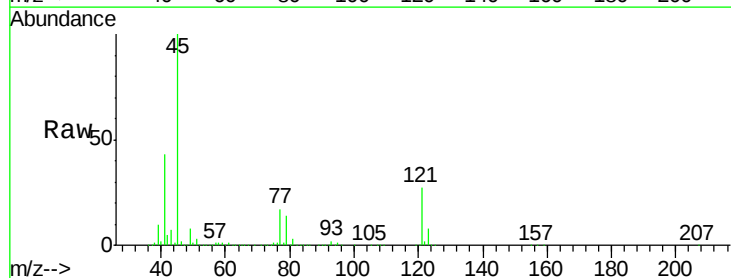
Tgt Ion: 45 Resp: 2015742

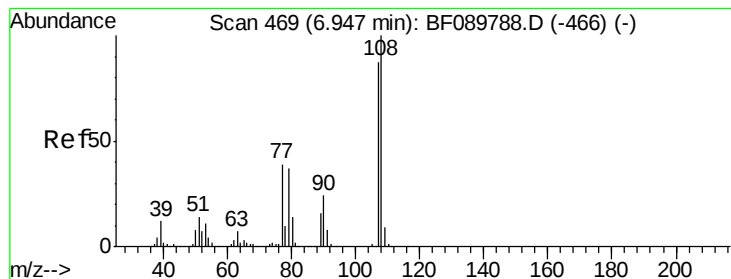
Ion Ratio Lower Upper

45 100

77 17.4 0.0 33.5

79 14.0 0.0 30.7





#17

2-Methylphenol

Concen: 46.12 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:107 Resp: 1442034

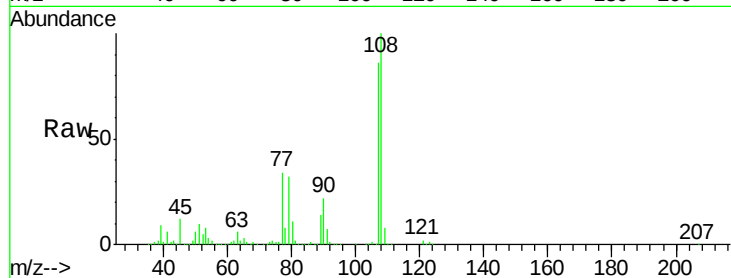
Ion Ratio Lower Upper

107 100

108 115.9 91.0 136.4

77 39.1 37.4 56.0

79 37.5 36.6 55.0



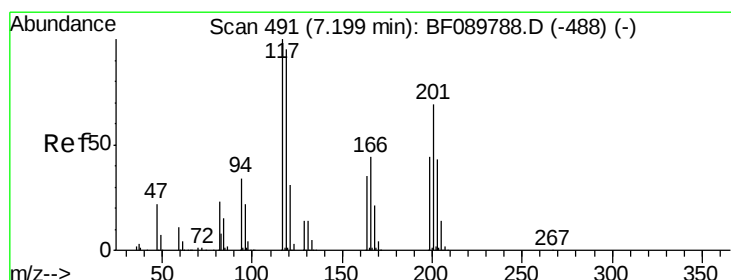
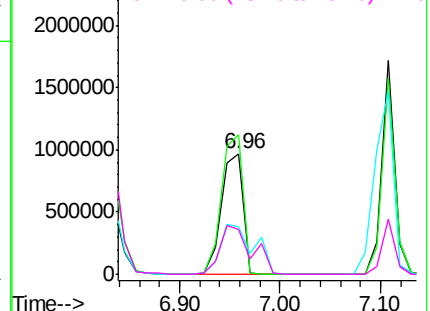
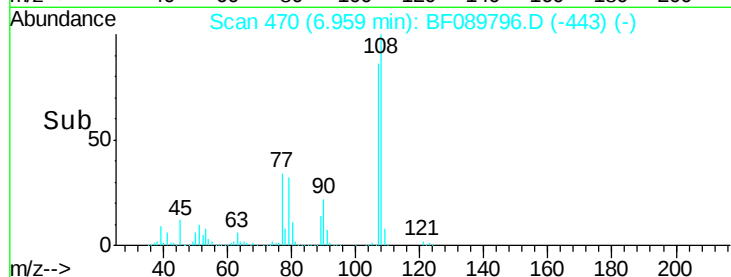
Abundance

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: 41.72 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

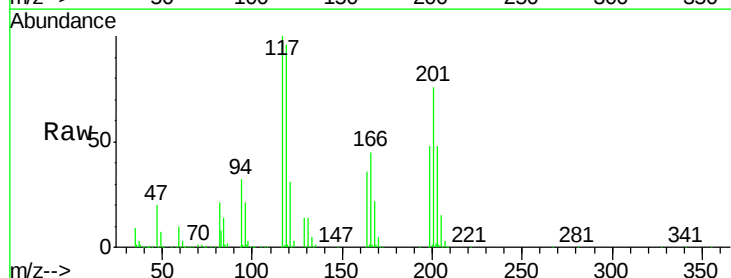
Tgt Ion:117 Resp: 638455

Ion Ratio Lower Upper

117 100

119 95.6 77.1 115.7

201 76.2 76.9 115.3#

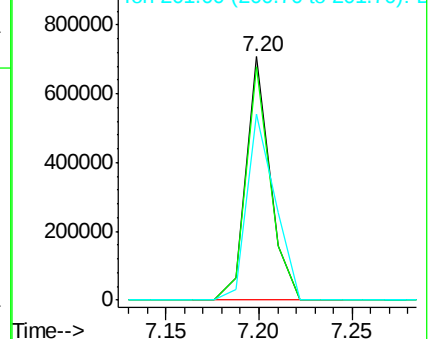
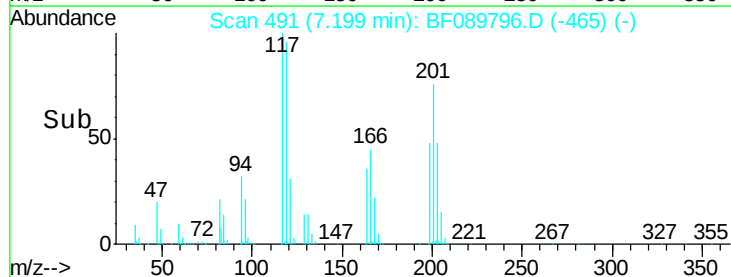


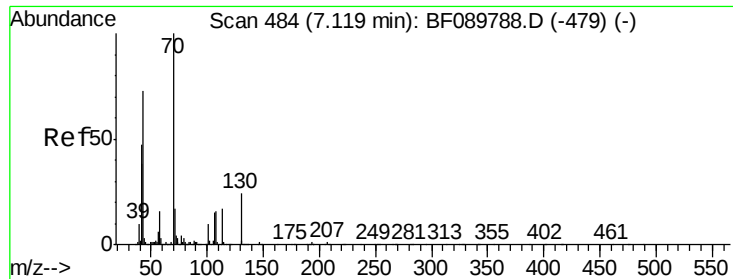
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

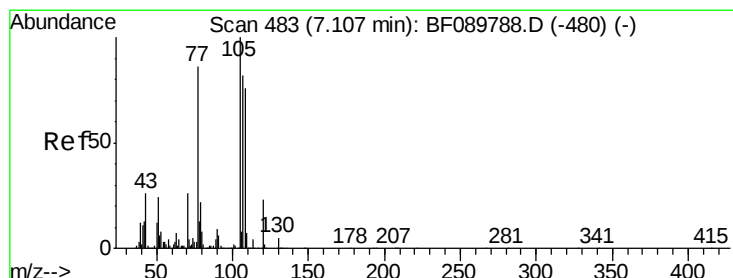
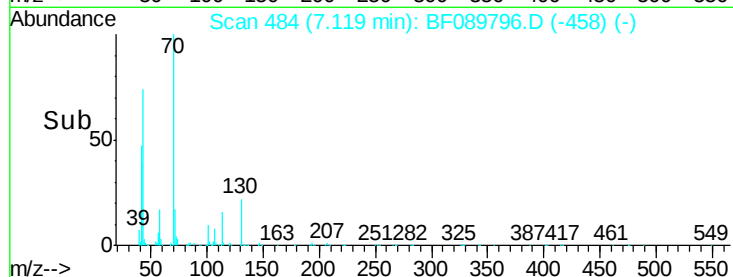
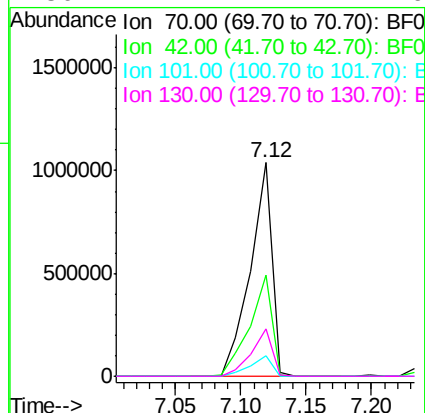
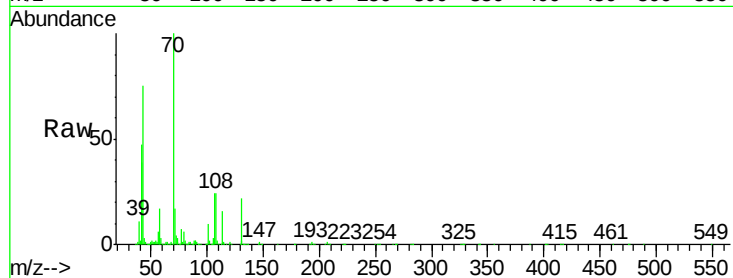




#19
n-Nitroso-di-n-propylamine
Concen: 46.16 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

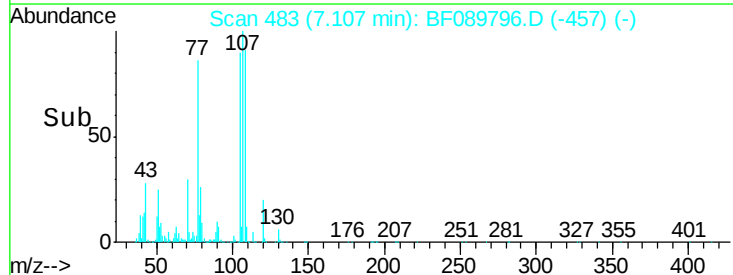
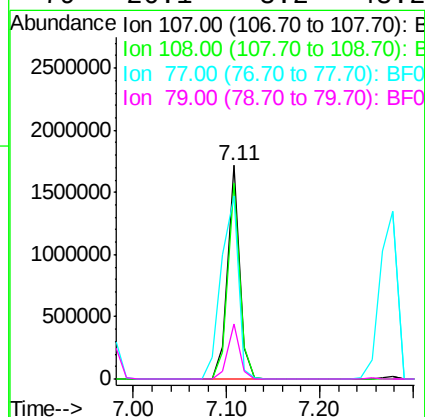
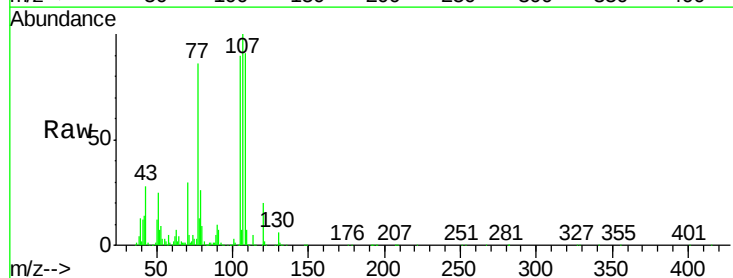
Instrument :
BNA_F
ClientSampleId :
PB92924BS

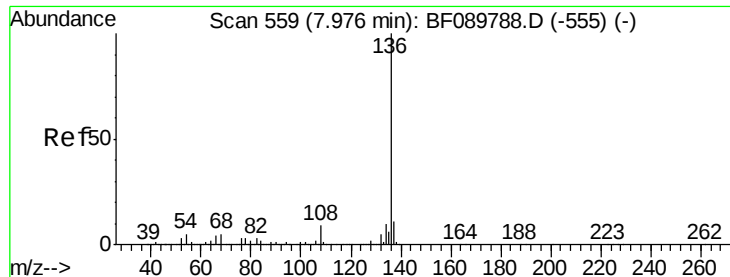
Tgt Ion: 70 Resp: 1209775
Ion Ratio Lower Upper
70 100
42 47.4 46.3 69.5
101 9.9 7.0 10.6
130 22.2 14.4 21.6#



#20
3+4-Methylphenols
Concen: 39.98 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion: 107 Resp: 1532942
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 85.9 122.3 162.3#
79 26.1 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

Tgt Ion:136 Resp: 2257920

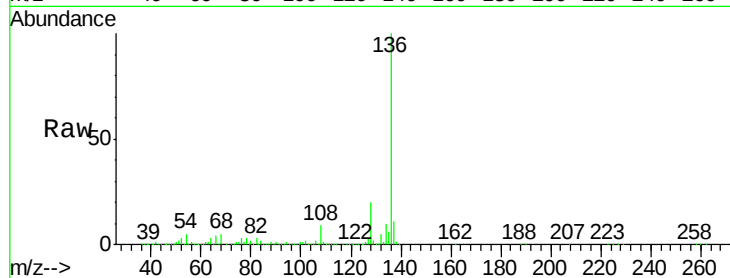
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 5.1 7.2 10.8#

68 4.9 5.8 8.8#

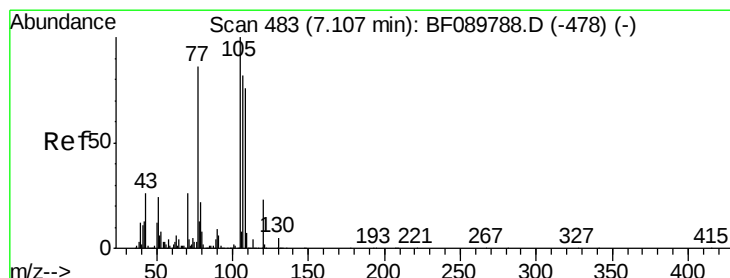
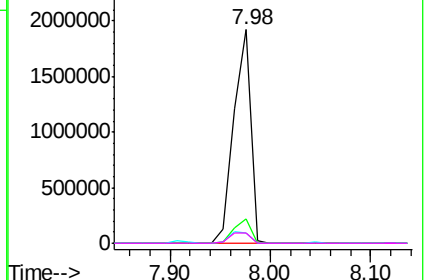
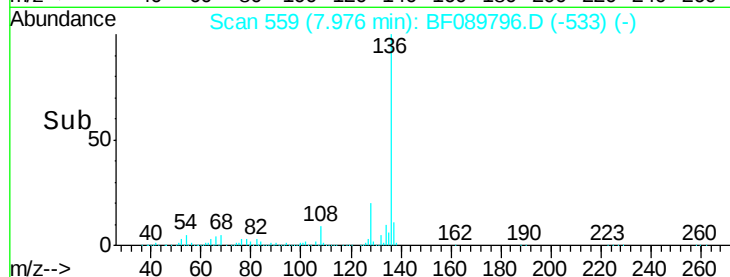


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.69 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion:105 Resp: 2057904

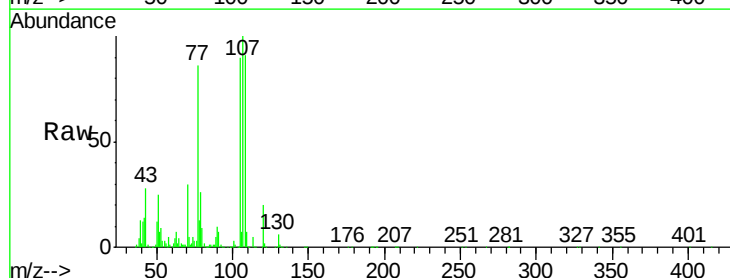
Ion Ratio Lower Upper

105 100

71 5.5 1.9 2.9#

51 27.8 28.5 42.7#

120 22.4 16.6 25.0

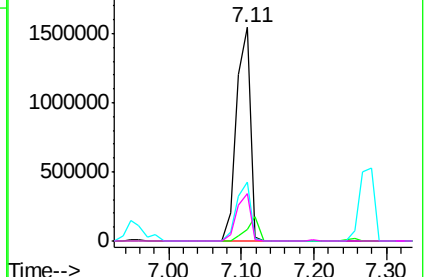
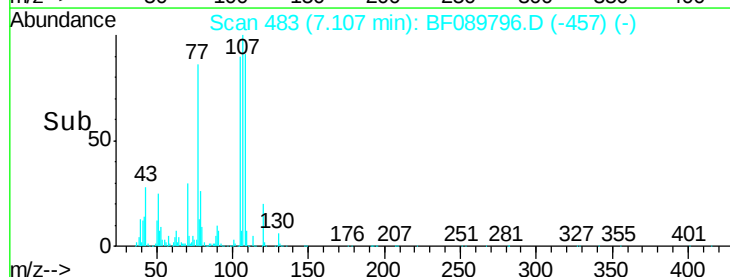


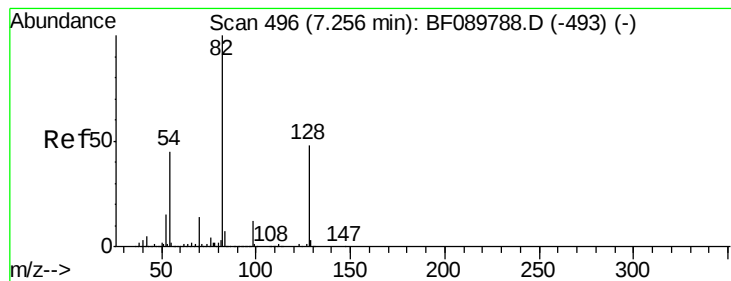
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.94 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

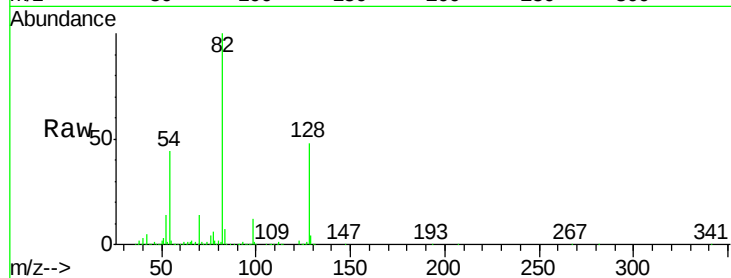
Tgt Ion: 82 Resp: 3087239

Ion Ratio Lower Upper

82 100

128 48.4 34.4 51.6

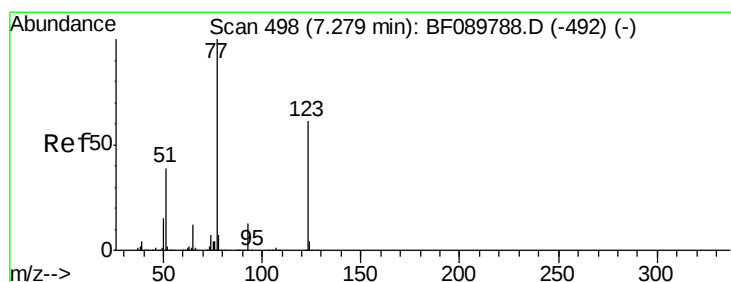
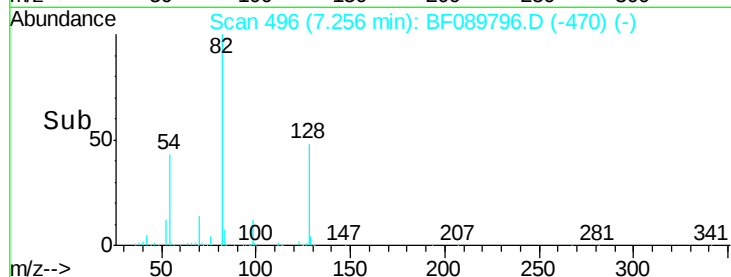
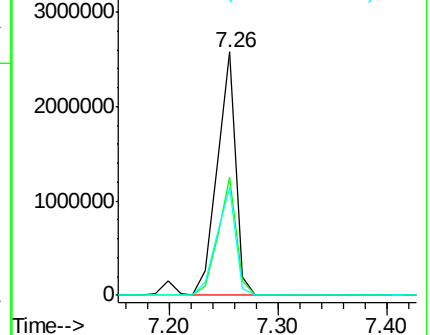
54 44.4 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.74 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

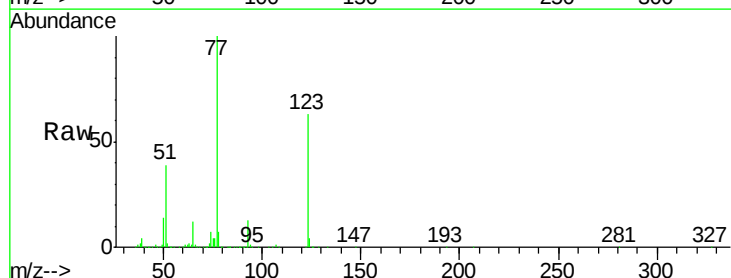
Tgt Ion: 77 Resp: 1742903

Ion Ratio Lower Upper

77 100

123 63.3 36.2 54.2#

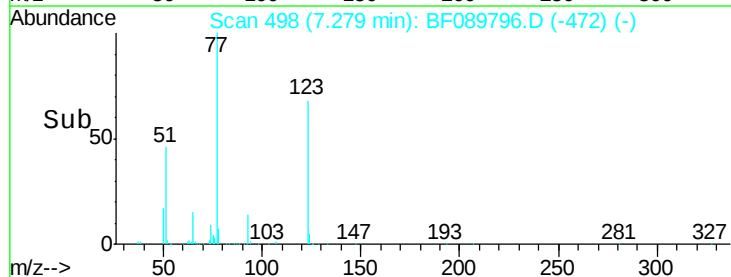
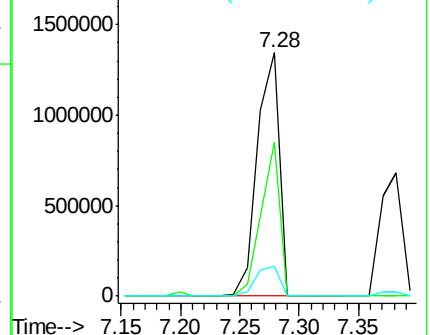
65 12.1 10.6 15.8

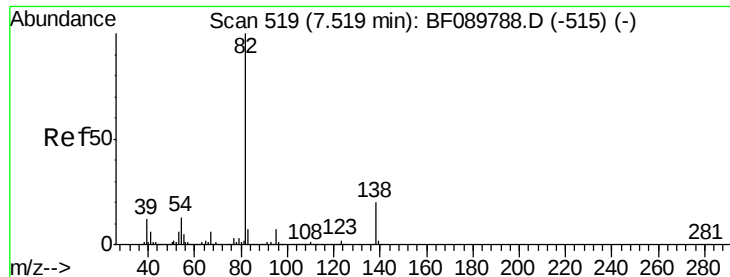


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.33 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

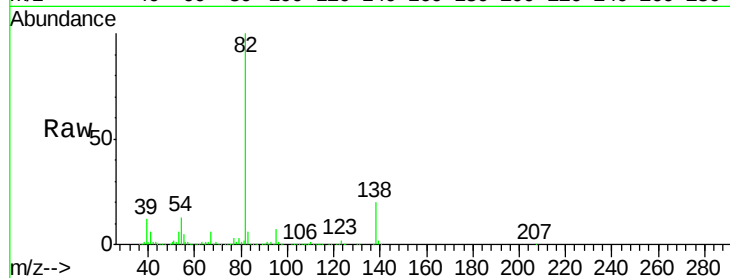
Tgt Ion: 82 Resp: 3176364

Ion Ratio Lower Upper

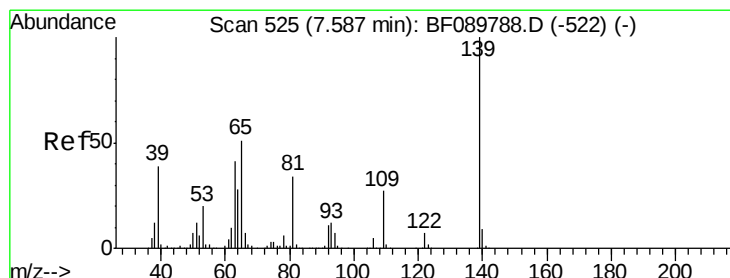
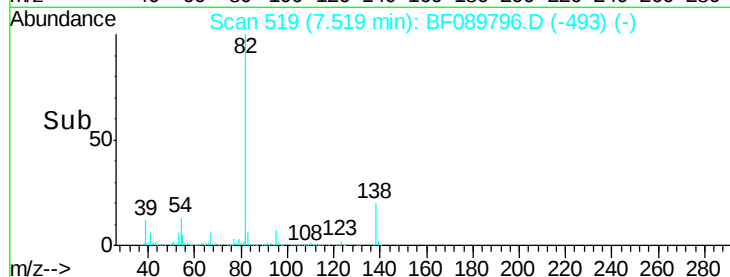
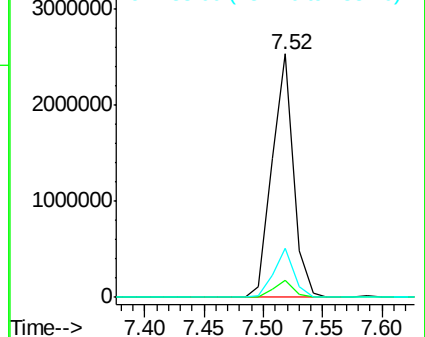
82 100

95 7.1 5.3 7.9

138 20.4 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: 41.43 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

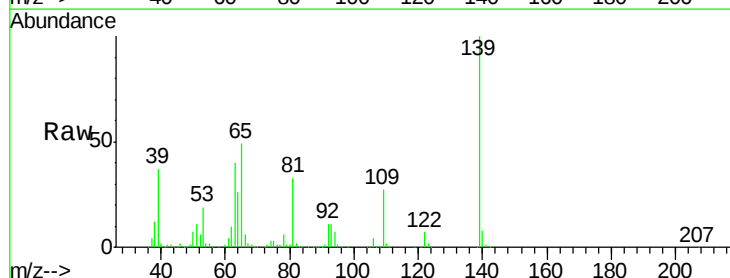
Tgt Ion: 139 Resp: 842958

Ion Ratio Lower Upper

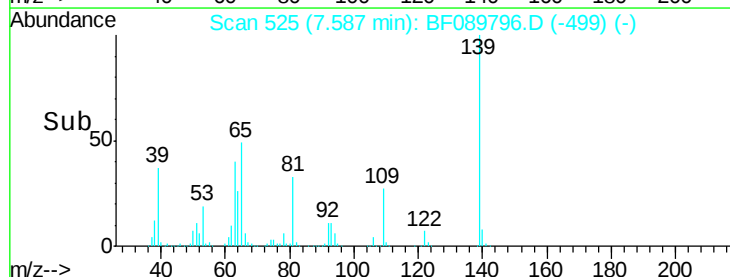
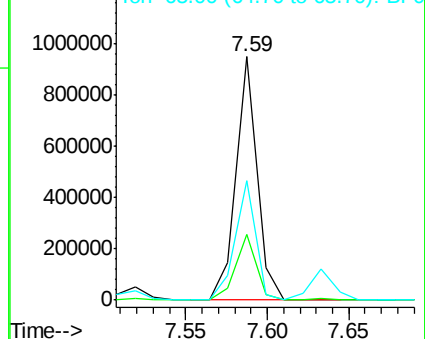
139 100

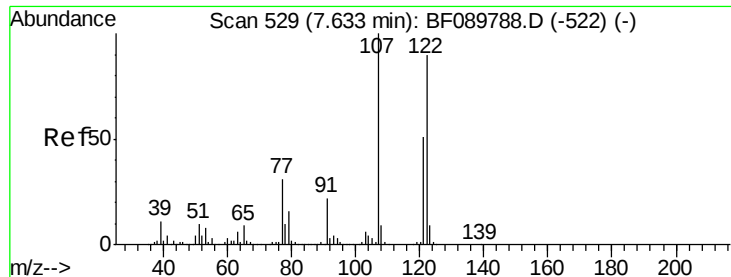
109 27.0 19.5 29.3

65 49.1 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: 41.35 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

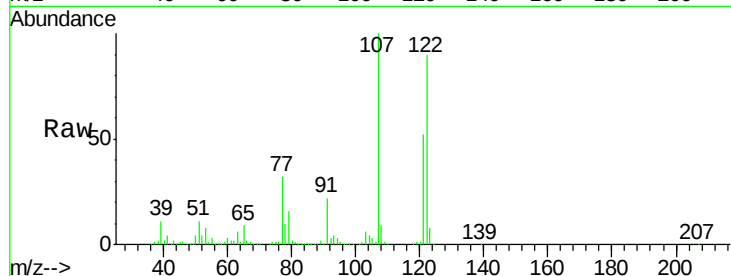
Tgt Ion:122 Resp: 1516069

Ion Ratio Lower Upper

122 100

107 110.9 84.8 127.2

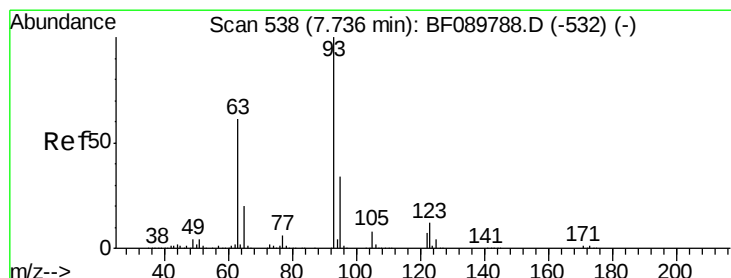
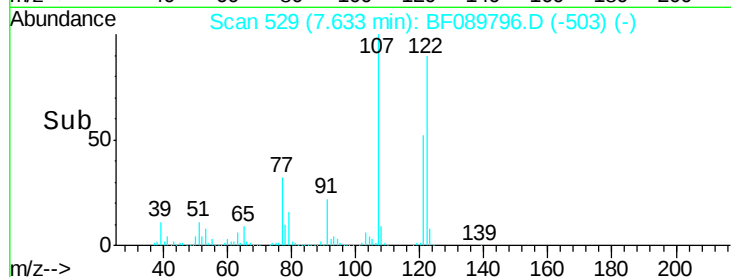
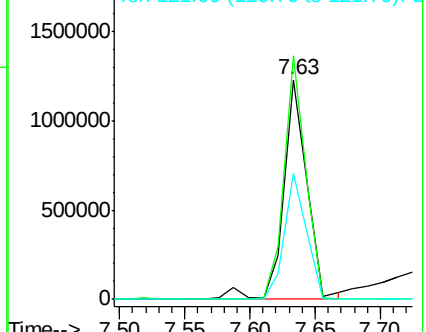
121 57.6 47.0 70.6



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: 47.03 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

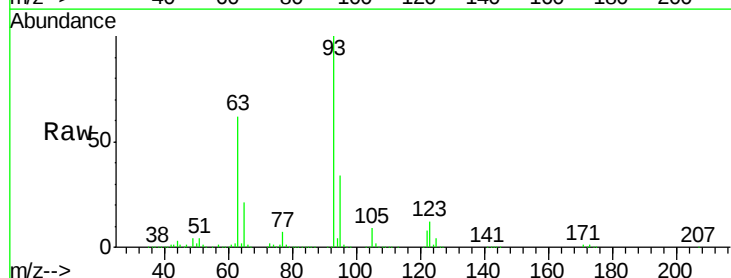
Tgt Ion: 93 Resp: 2132872

Ion Ratio Lower Upper

93 100

95 34.1 25.5 38.3

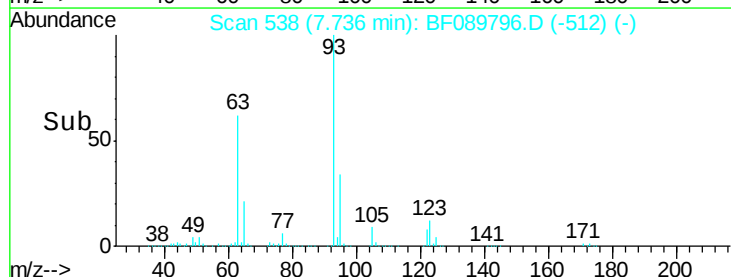
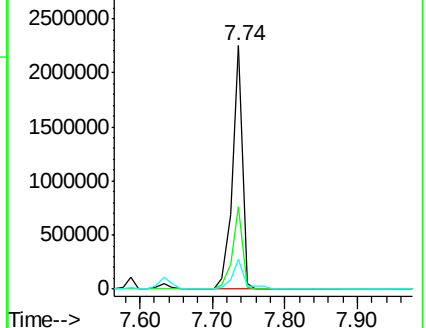
123 12.2 8.5 12.7

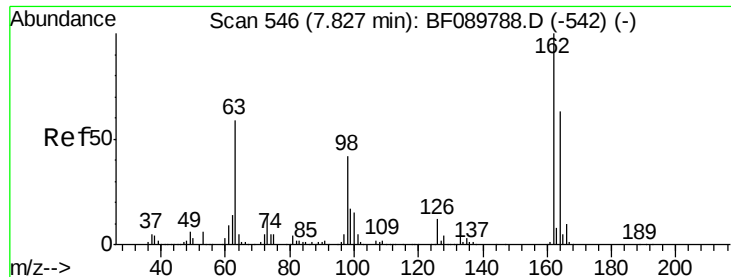


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

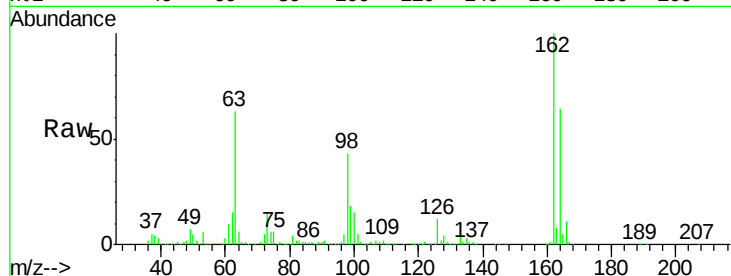




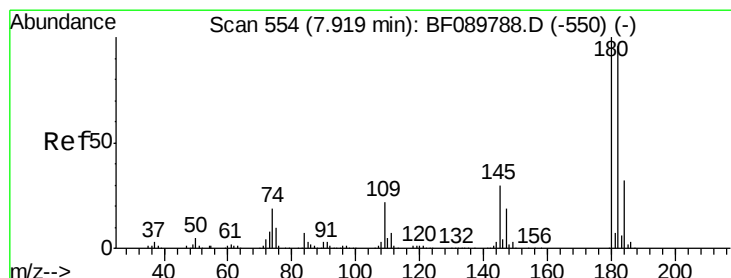
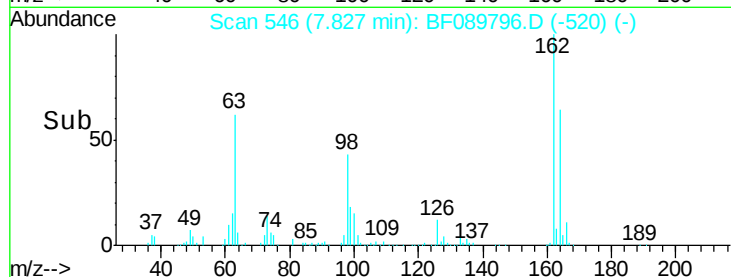
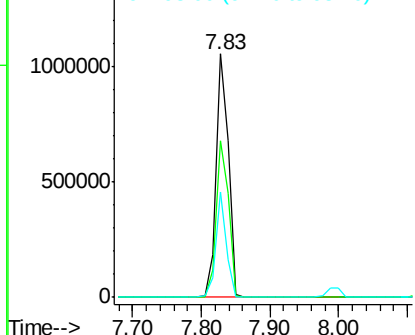
#29
 2,4-Dichlorophenol
 Concen: 43.52 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampled :
 PB92924BS

Tgt Ion:162 Resp: 1338991
 Ion Ratio Lower Upper
 162 100
 164 64.4 45.5 85.5
 98 43.5 12.4 52.4

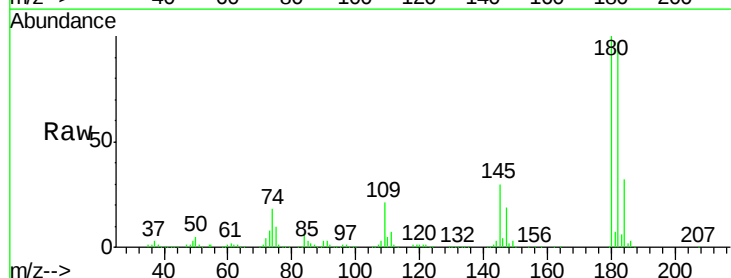


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

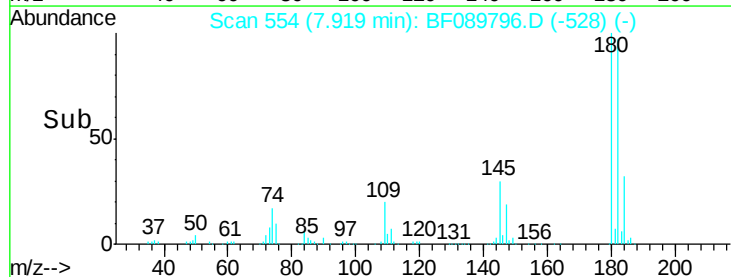
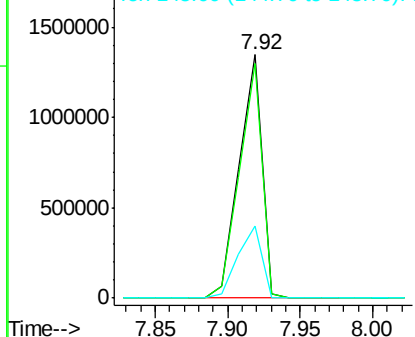


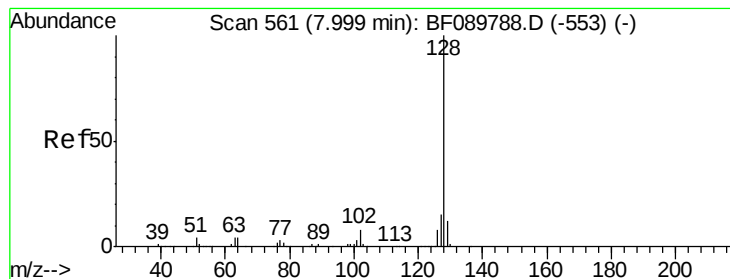
#30
 1,2,4-Trichlorobenzene
 Concen: 43.27 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:180 Resp: 1472743
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.5 113.3
 145 29.5 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: 43.87 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

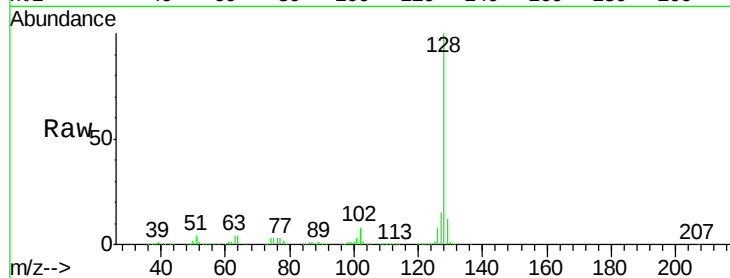
Tgt Ion:128 Resp: 4629980

Ion Ratio Lower Upper

128 100

129 12.0 9.5 14.3

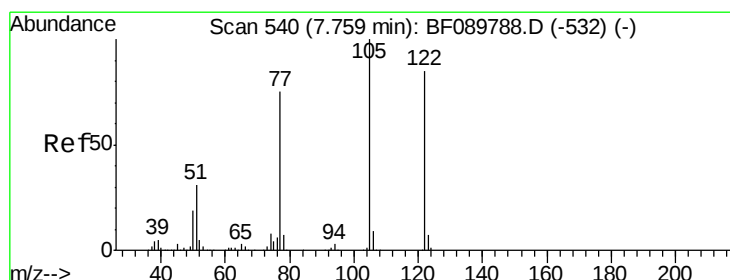
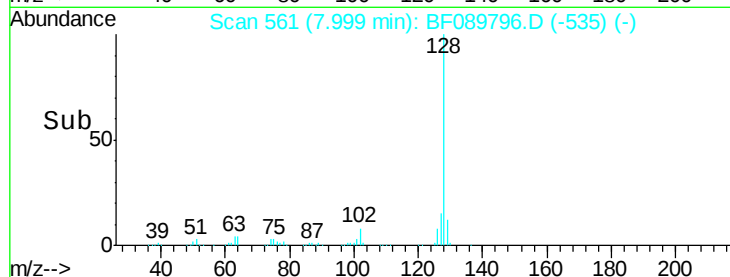
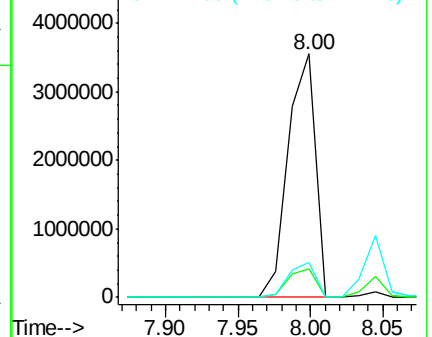
127 14.5 11.3 16.9



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: 37.37 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

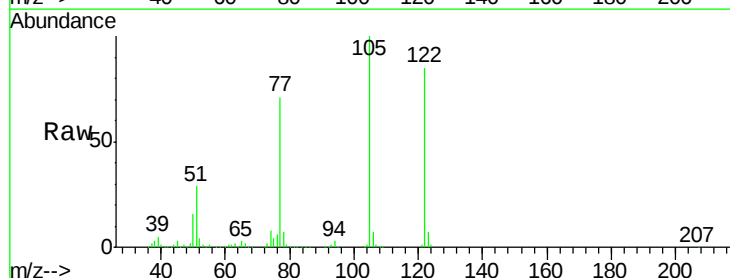
Tgt Ion:122 Resp: 1067732

Ion Ratio Lower Upper

122 100

105 118.1 100.8 140.8

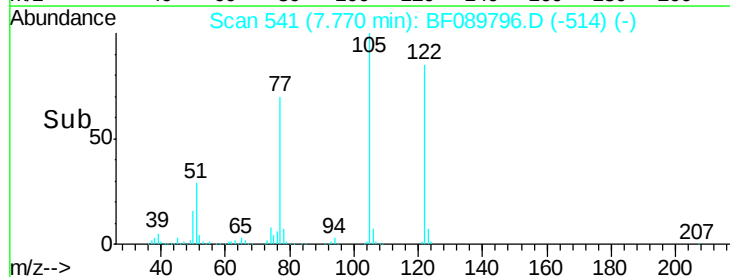
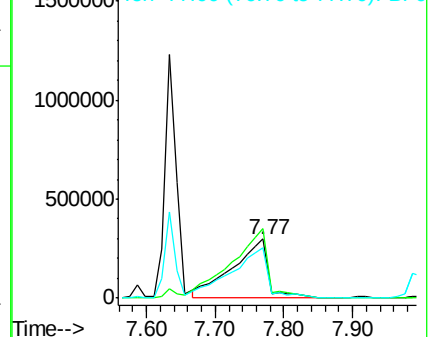
77 84.3 72.1 112.1

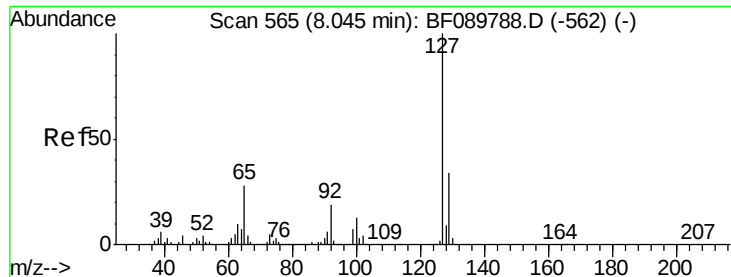


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

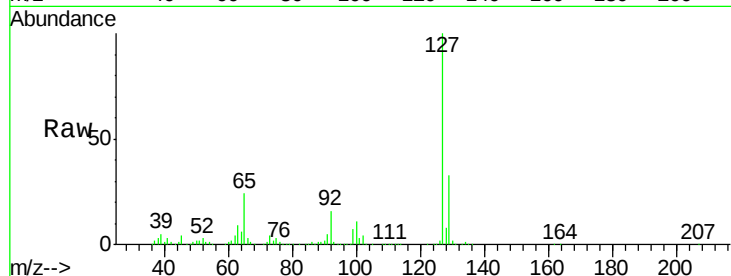




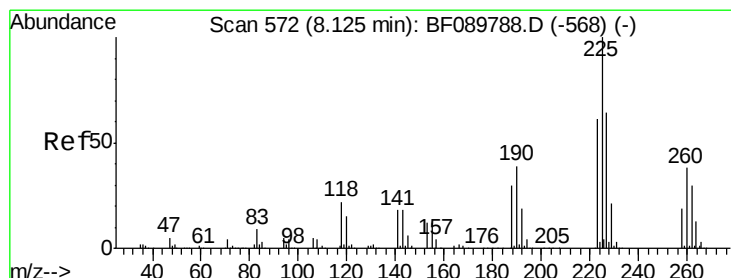
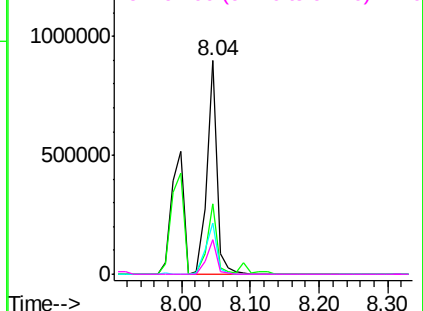
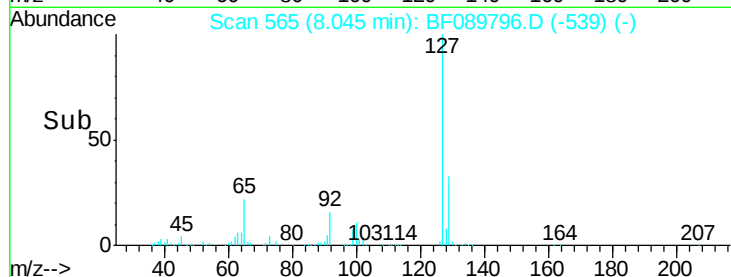
#33
4-Chloroaniline
Concen: 19.81 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:	127	Resp:	906002
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.0	40.6
65	23.9	14.7	22.1#
92	16.5	11.7	17.5

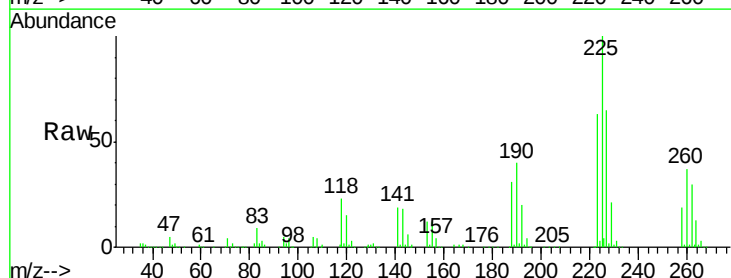


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

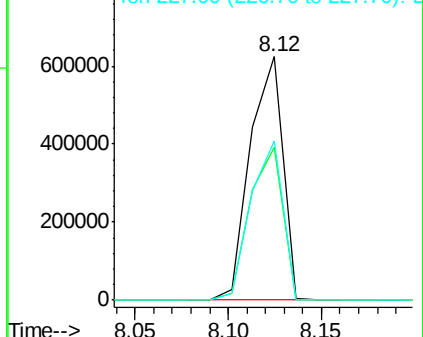
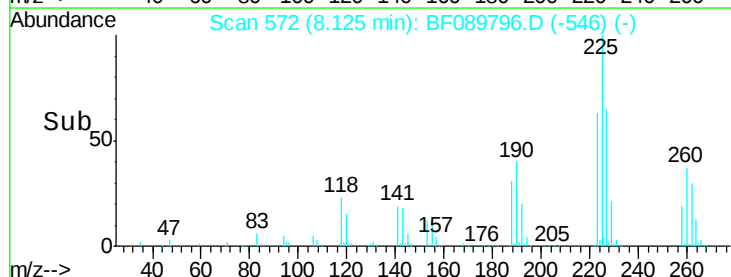


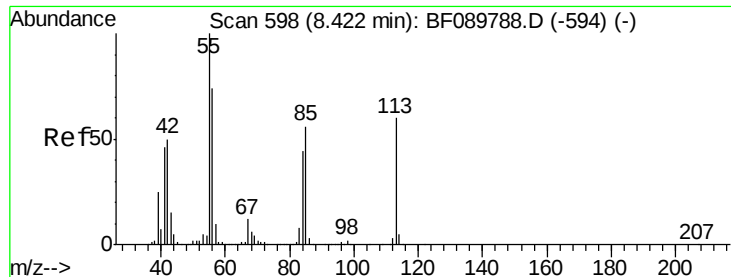
#34
Hexachlorobutadiene
Concen: 42.27 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:	225	Resp:	753381
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	65.4	49.8	74.6



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

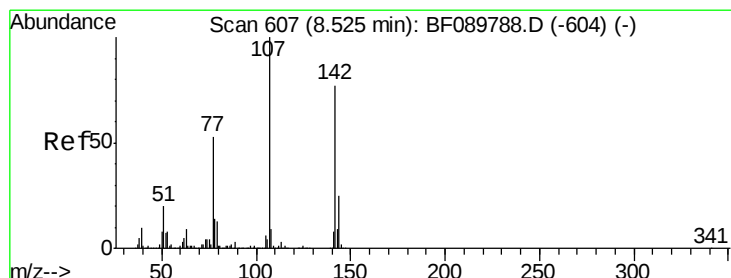
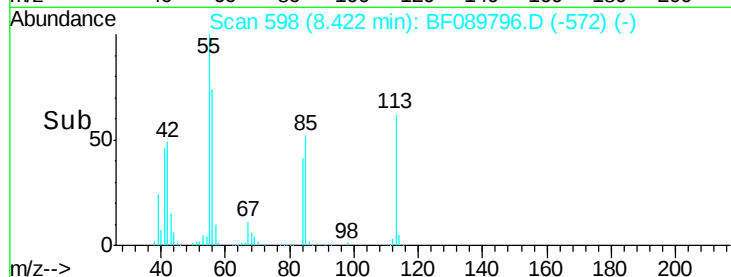
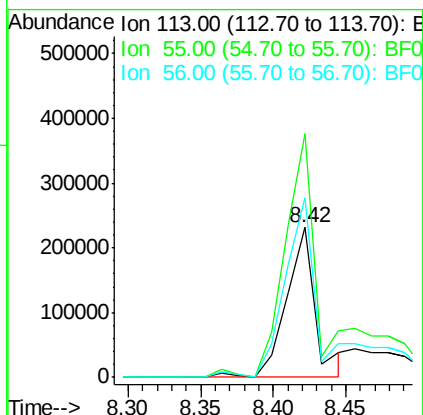
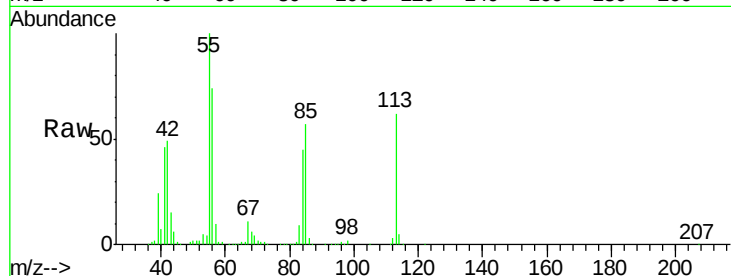




#35
 Caprolactam
 Concen: 34.04 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

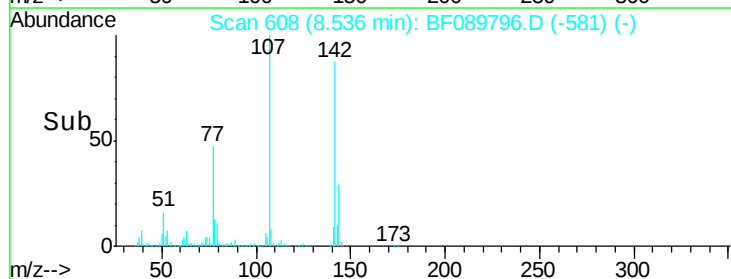
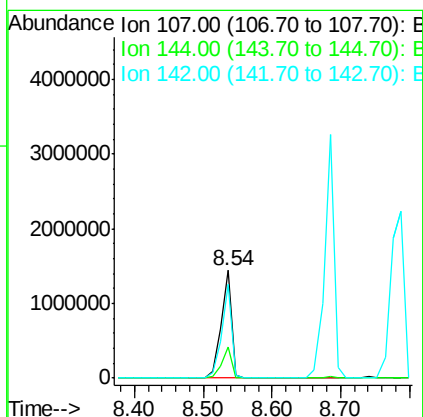
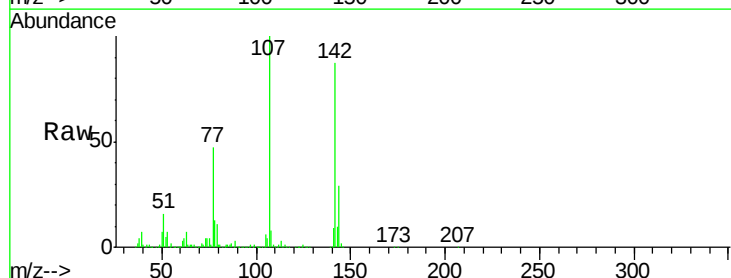
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

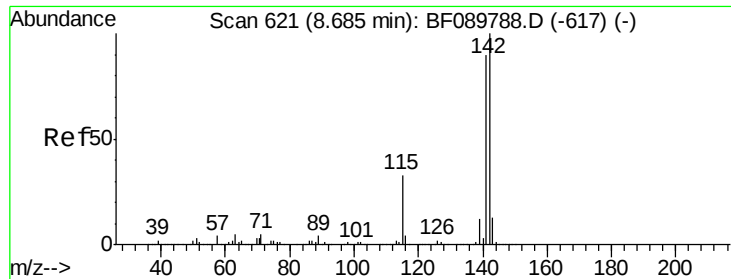
Tgt Ion:113 Resp: 318973
 Ion Ratio Lower Upper
 113 100
 55 162.3 135.9 175.9
 56 119.9 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 46.62 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:107 Resp: 1553616
 Ion Ratio Lower Upper
 107 100
 144 29.2 22.6 34.0
 142 87.2 69.3 103.9

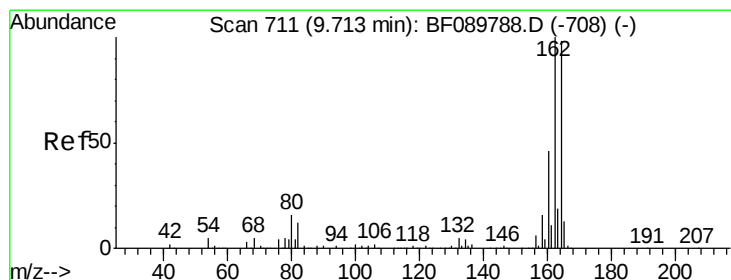
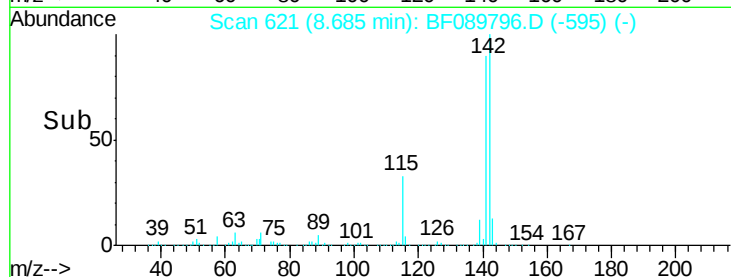
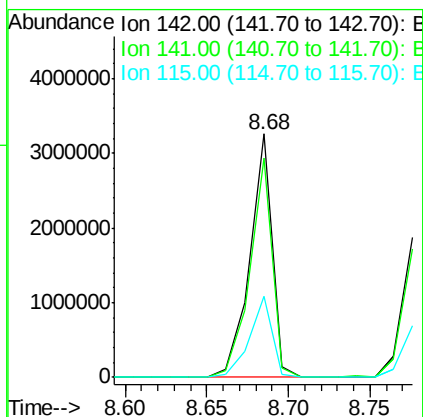
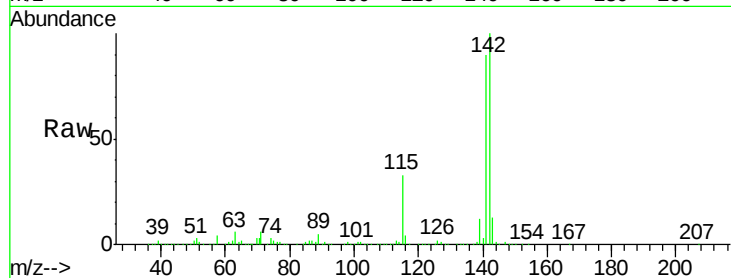




#37
 2-Methylnaphthalene
 Concen: 45.30 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

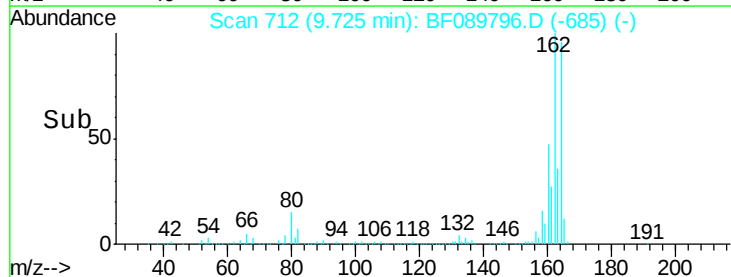
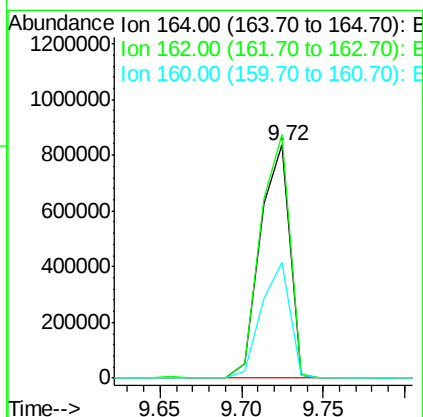
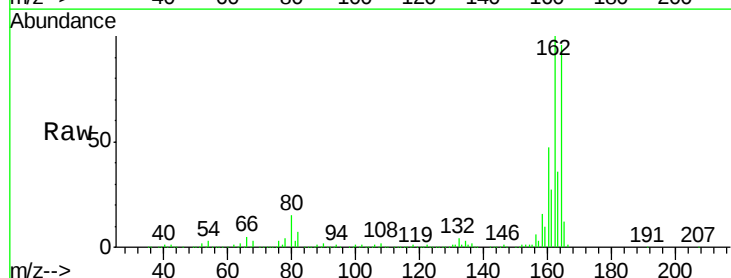
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

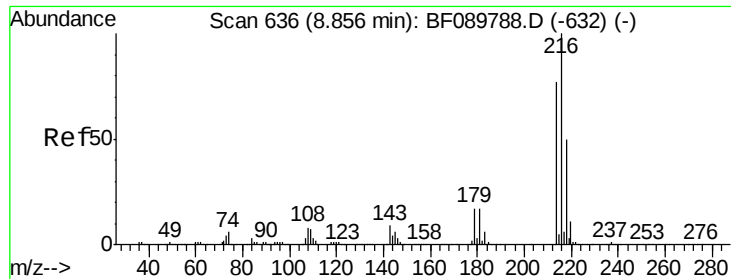
Tgt Ion:142 Resp: 3092515
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.4 107.2
 115 33.4 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:164 Resp: 1045973
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.4 122.2
 160 49.4 37.8 56.6

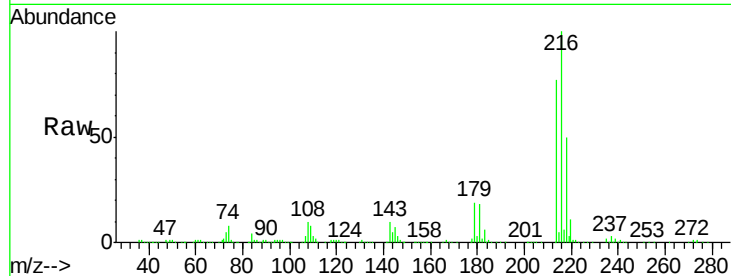




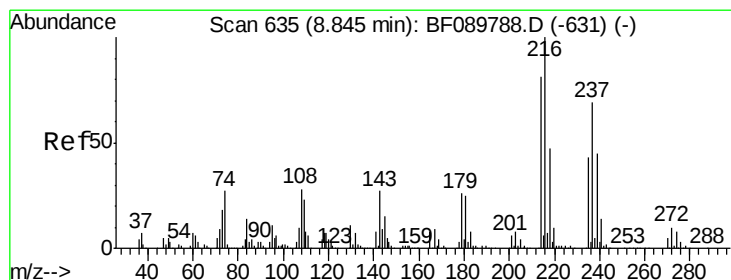
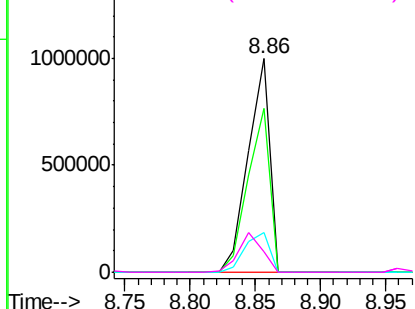
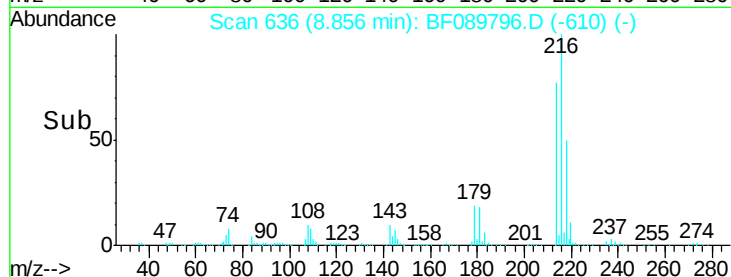
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.97 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion:	216	Resp:	1150642
Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.5	95.3
179	21.4	19.9	29.9
108	20.2	19.9	29.9

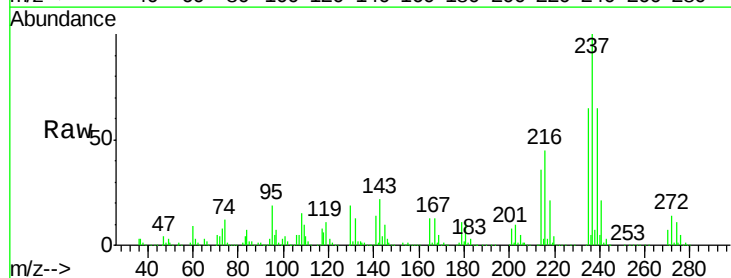


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

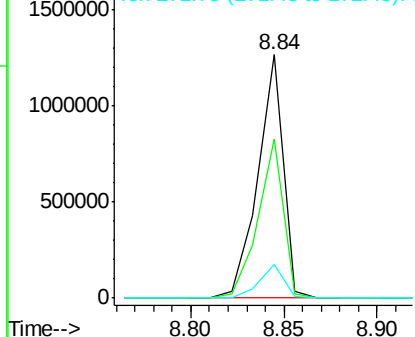
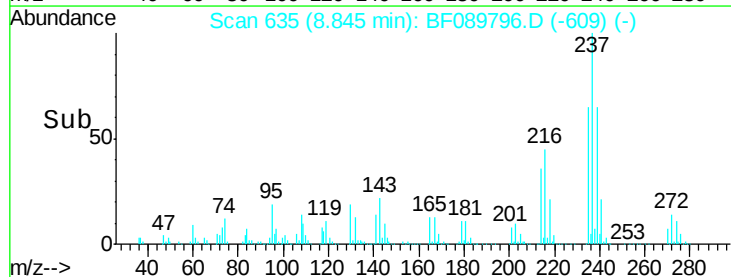


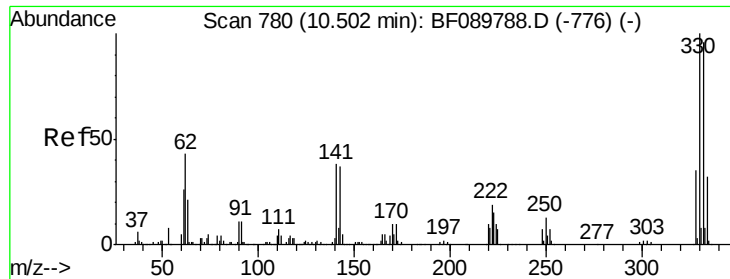
#40
 Hexachlorocyclopentadiene
 Concen: 103.21 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:	237	Resp:	1213720
Ion	Ratio	Lower	Upper
237	100		
235	65.3	43.7	83.7
272	13.9	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

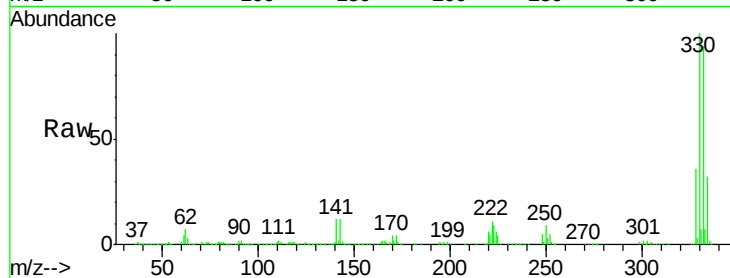




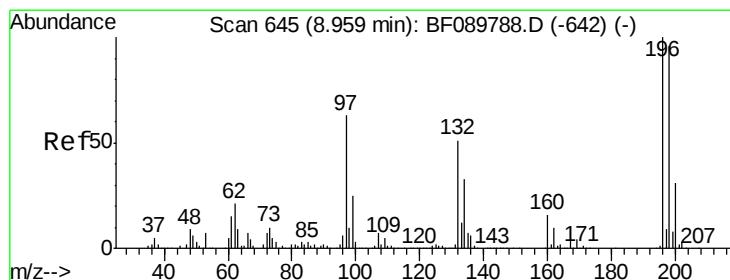
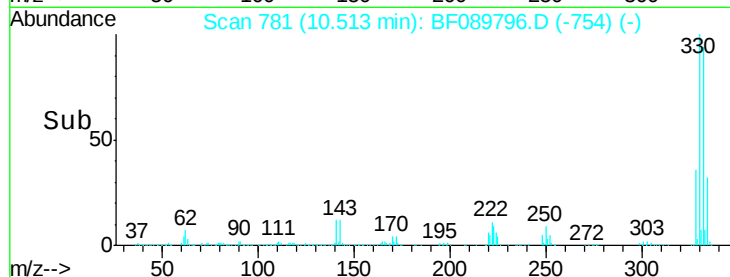
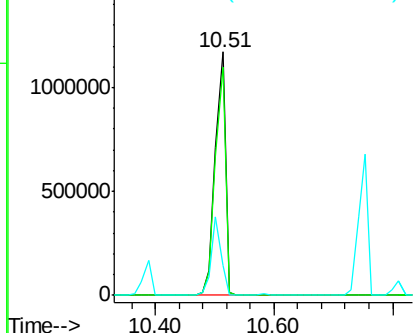
#41
 2,4,6-Tribromophenol
 Concen: 141.22 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion:330 Resp: 1403753
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.7 115.1
 141 30.6 30.2 45.2

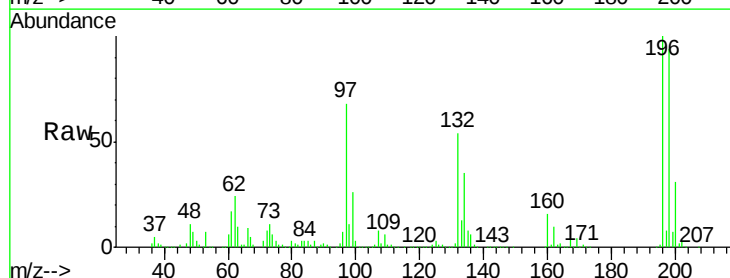


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

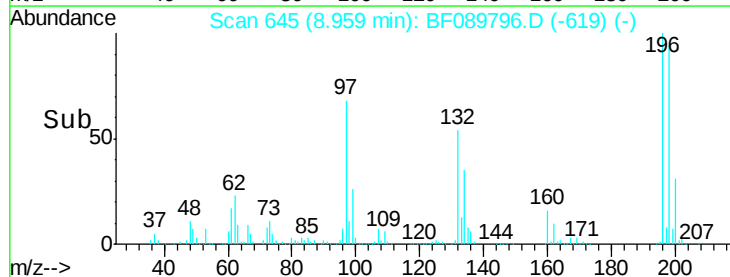
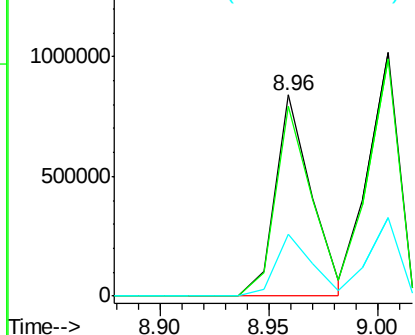


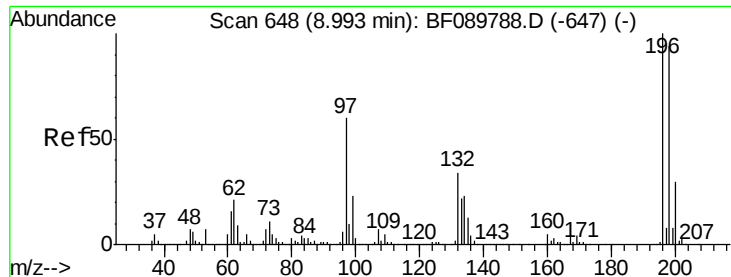
#42
 2,4,6-Trichlorophenol
 Concen: 45.70 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:196 Resp: 973822
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.3 114.5
 200 30.7 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

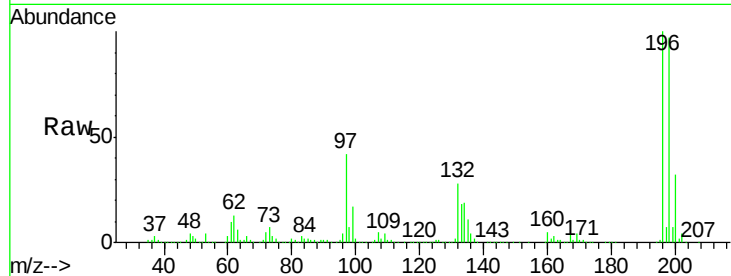




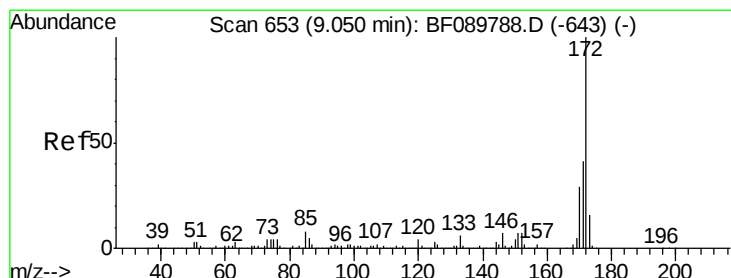
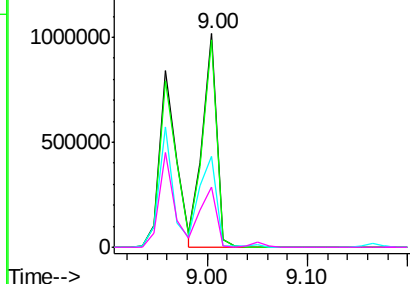
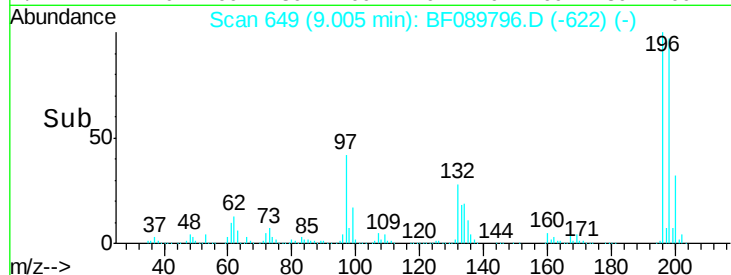
#43
2,4,5-Trichlorophenol
Concen: 47.54 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:196 Resp: 1007581
Ion Ratio Lower Upper
196 100
198 97.4 76.6 114.8
97 42.5 35.8 53.8
132 28.4 23.5 35.3

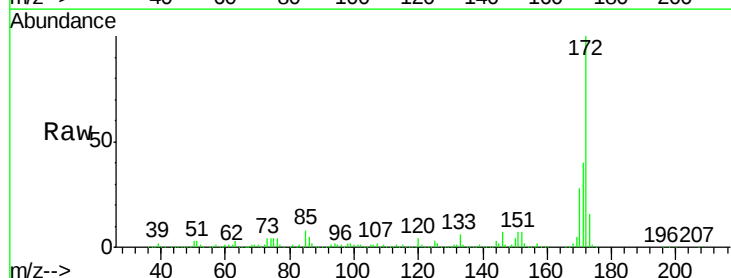


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

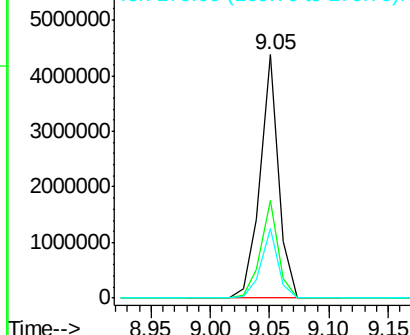
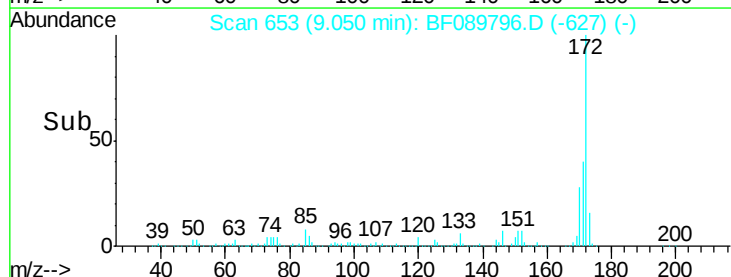


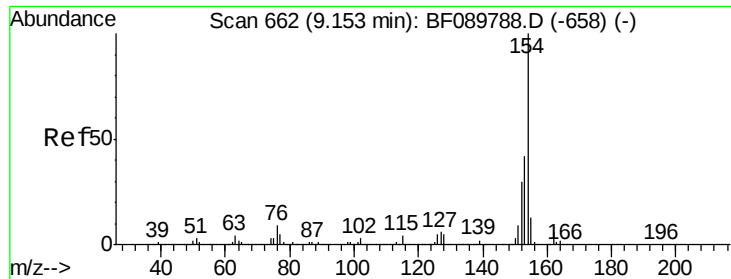
#44
2-Fluorobiphenyl
Concen: 80.59 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:172 Resp: 4795986
Ion Ratio Lower Upper
172 100
171 40.1 30.5 45.7
170 28.3 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

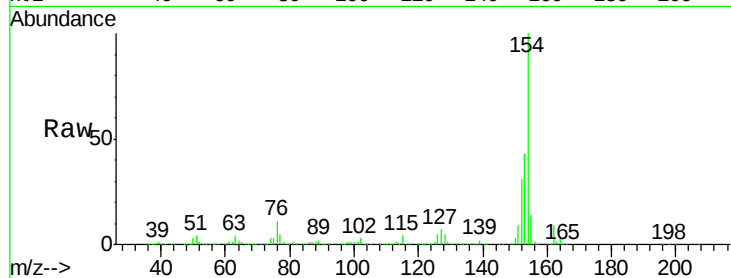




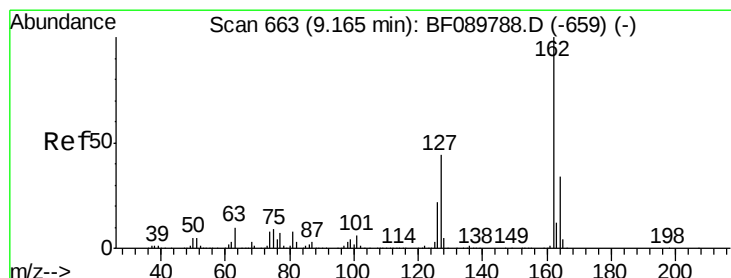
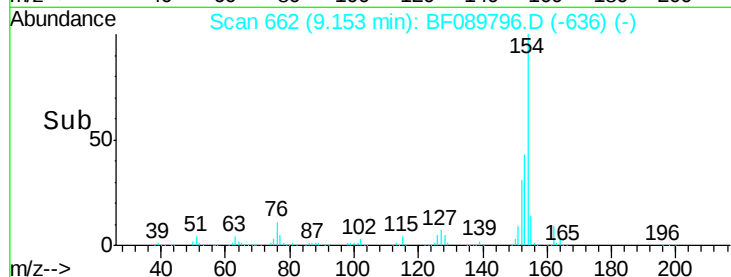
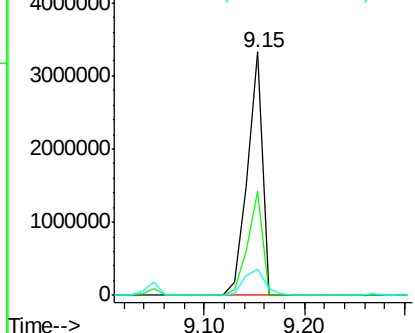
#45
 1,1'-Biphenyl
 Concen: 42.33 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion:154 Resp: 3426324
 Ion Ratio Lower Upper
 154 100
 153 42.6 21.5 61.5
 76 10.5 0.0 36.7

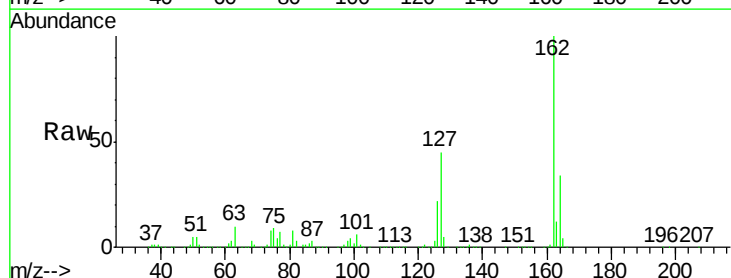


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

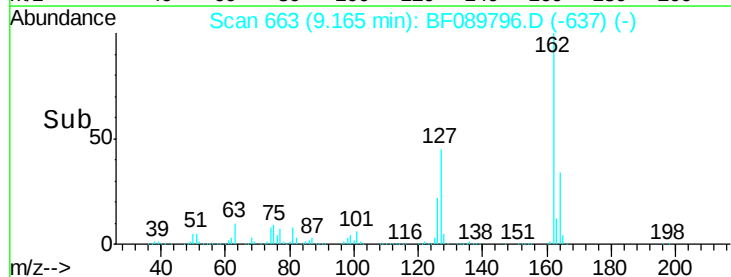
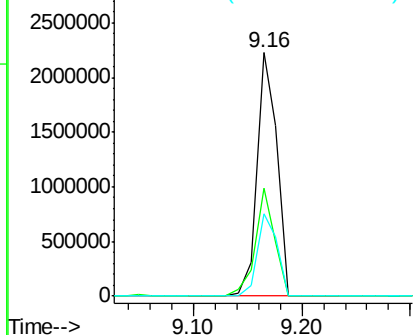


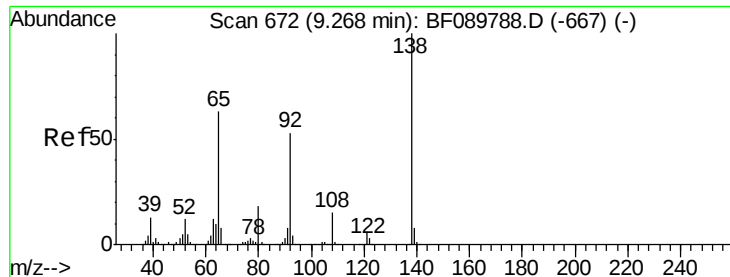
#46
 2-Chloronaphthalene
 Concen: 44.10 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:162 Resp: 2821747
 Ion Ratio Lower Upper
 162 100
 127 44.5 35.5 53.3
 164 33.7 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

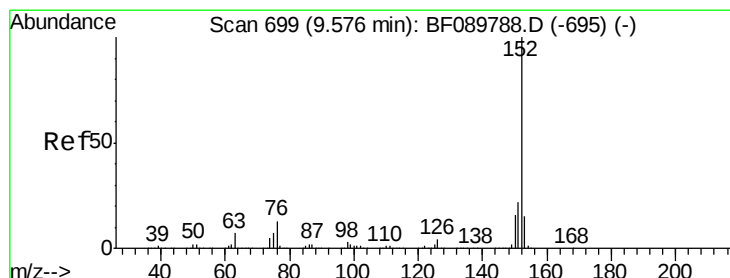
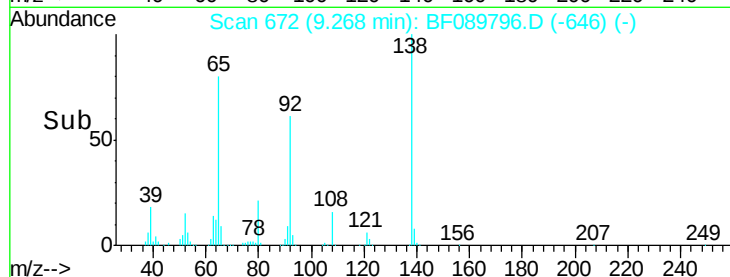
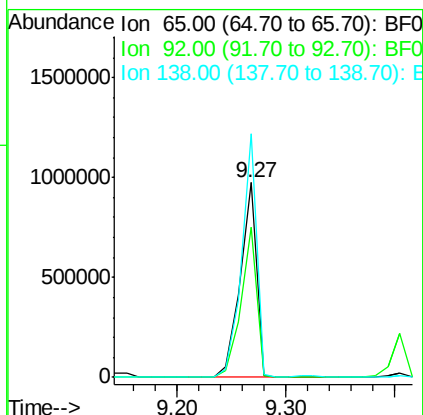
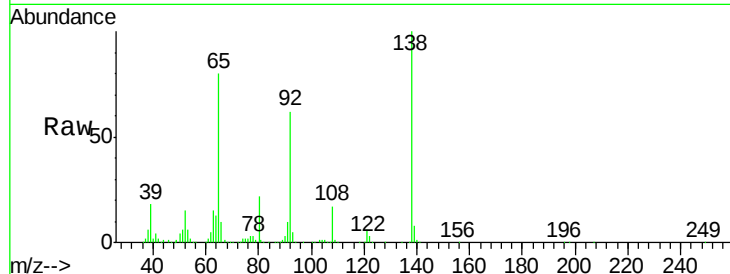




#47
2-Nitroaniline
Concen: 54.58 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

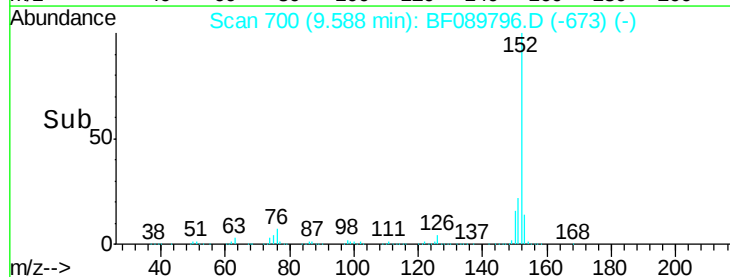
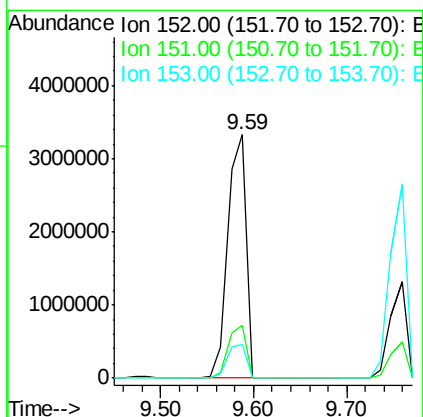
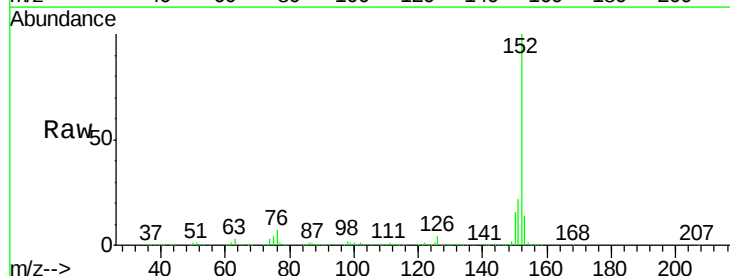
Instrument :
BNA_F
ClientSampleId :
PB92924BS

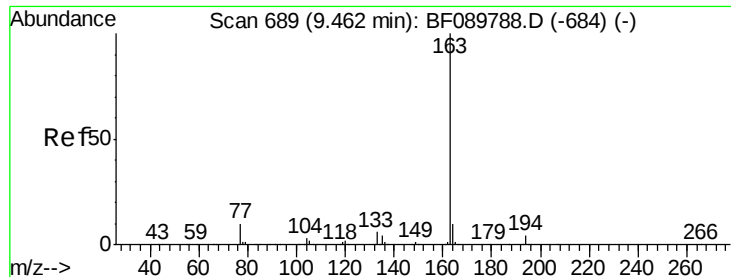
Tgt Ion: 65 Resp: 996115
Ion Ratio Lower Upper
65 100
92 76.9 56.3 84.5
138 125.1 81.8 122.8#



#48
Acenaphthylene
Concen: 47.43 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion: 152 Resp: 4560092
Ion Ratio Lower Upper
152 100
151 21.9 17.1 25.7
153 14.0 11.2 16.8

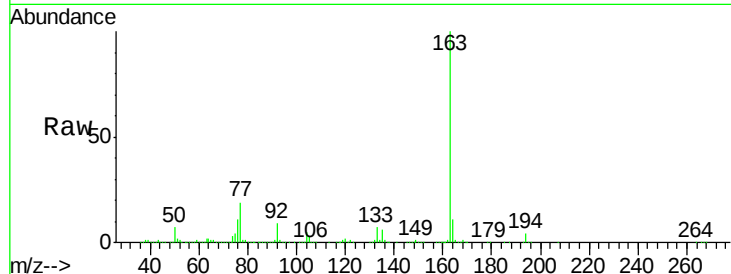




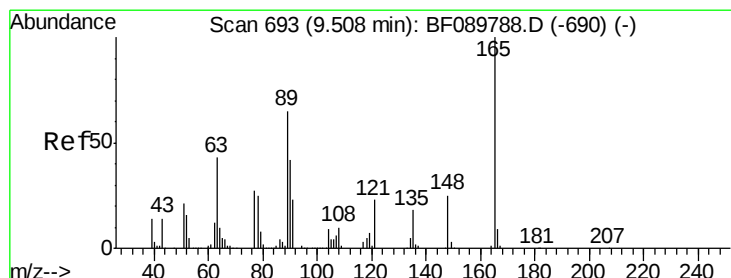
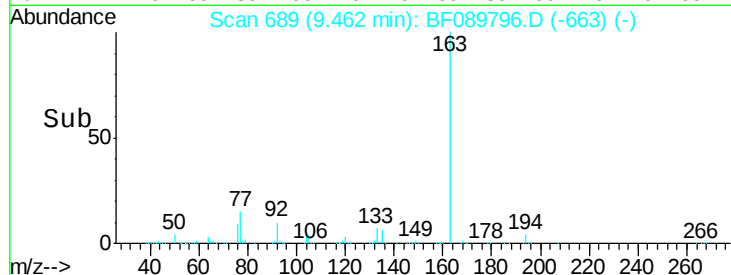
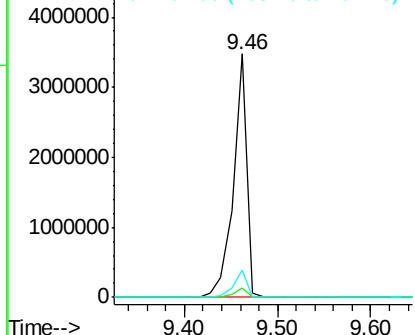
#49
Dimethylphthalate
Concen: 47.41 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:163 Resp: 3491653
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 11.3 8.6 12.8

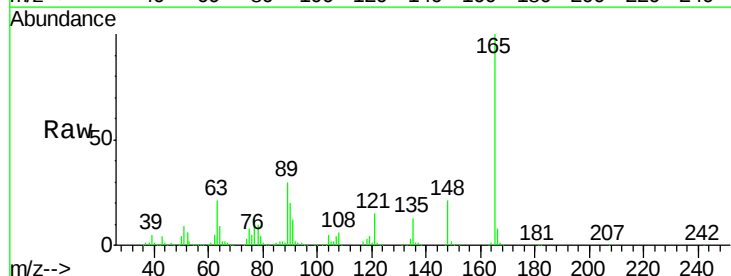


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

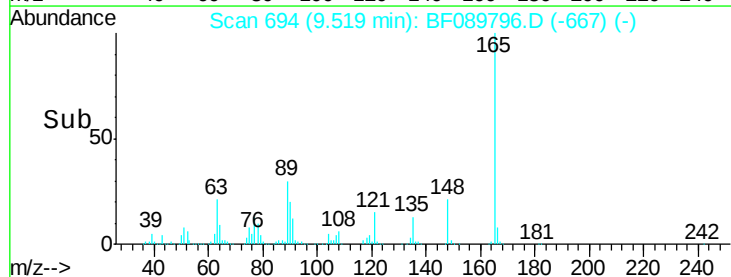
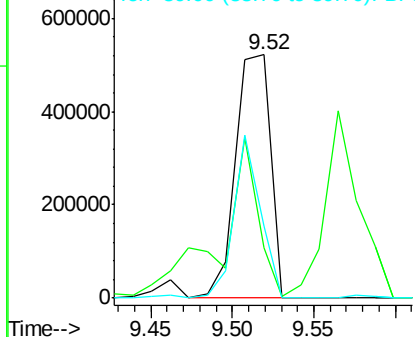


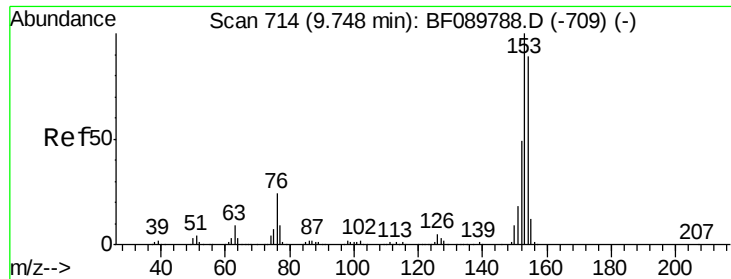
#50
2,6-Dinitrotoluene
Concen: 45.26 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:165 Resp: 769562
Ion Ratio Lower Upper
165 100
63 20.7 41.7 62.5#
89 29.7 44.6 67.0#



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





#51

Acenaphthene

Concen: 52.55 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

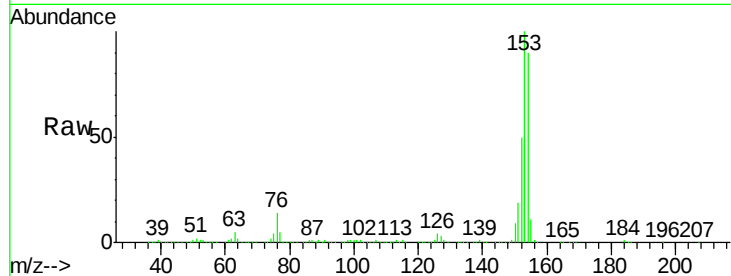
Tgt Ion:154 Resp: 3343870

Ion Ratio Lower Upper

154 100

153 111.6 90.5 135.7

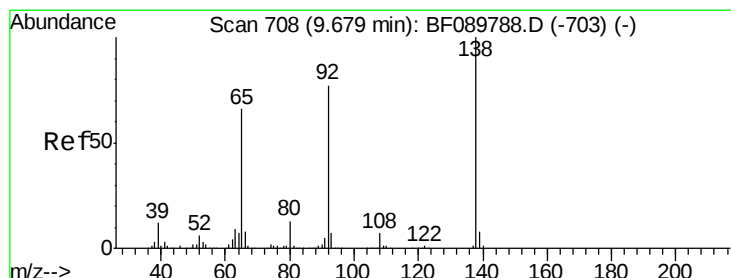
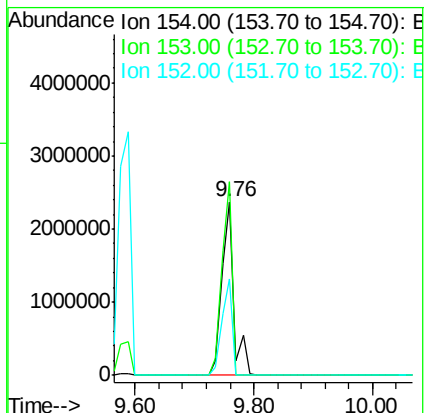
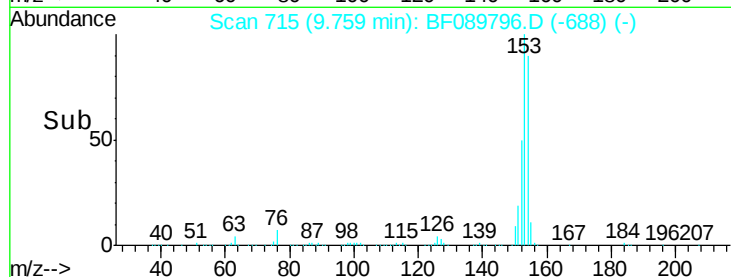
152 55.9 44.6 67.0



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: 25.91 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

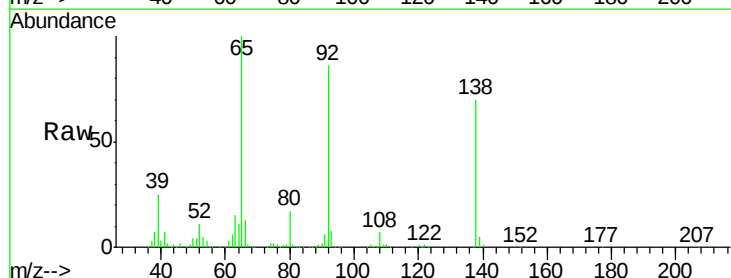
Tgt Ion:138 Resp: 488063

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

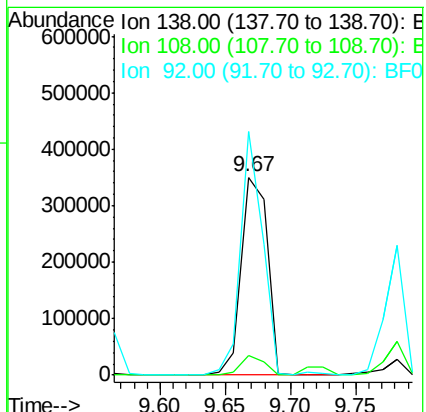
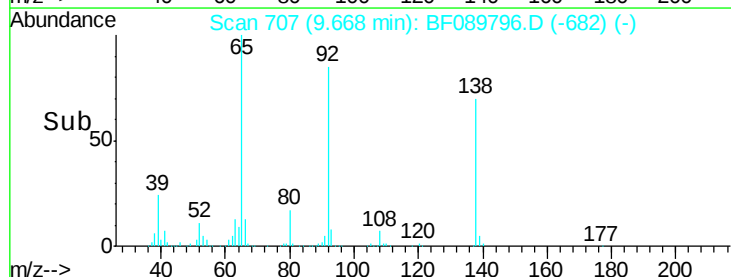
92 123.2 92.7 139.1

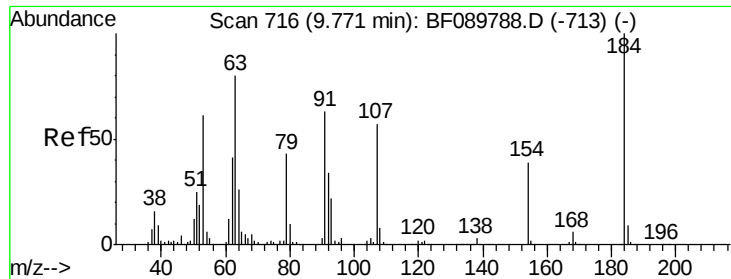


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

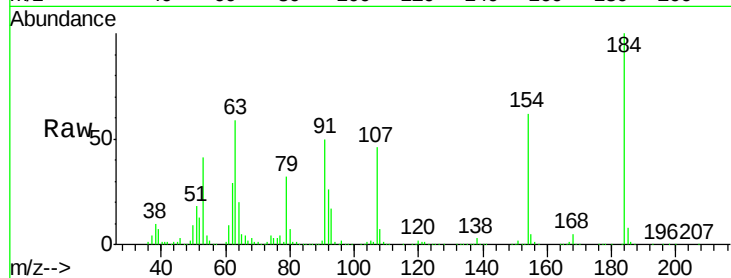




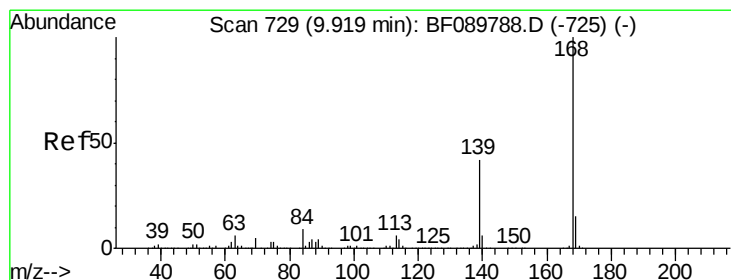
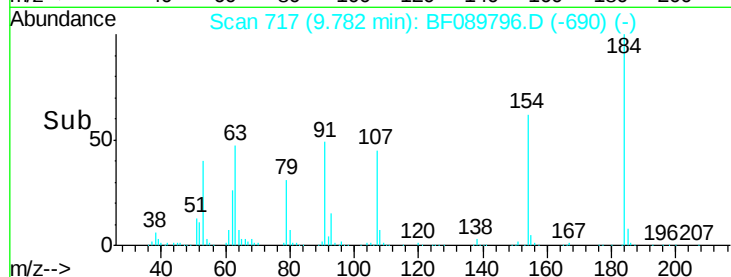
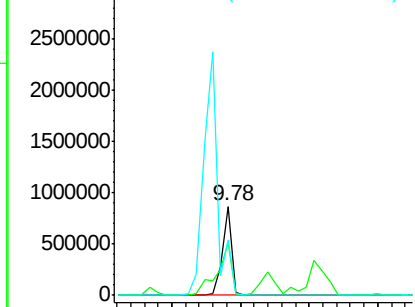
#53
 2,4-Dinitrophenol
 Concen: 81.80 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

Tgt Ion:184 Resp: 827880
 Ion Ratio Lower Upper
 184 100
 63 59.5 54.2 81.4
 154 62.4 52.7 79.1

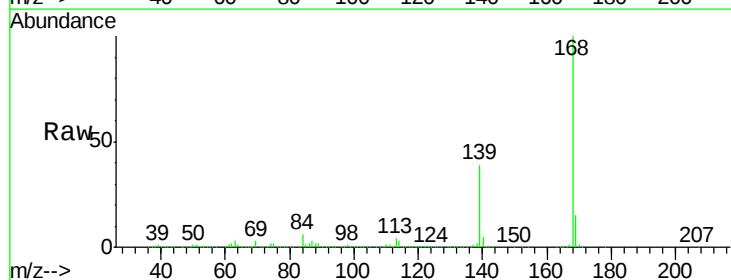


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

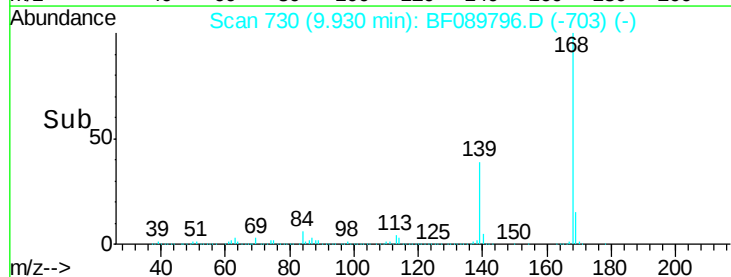
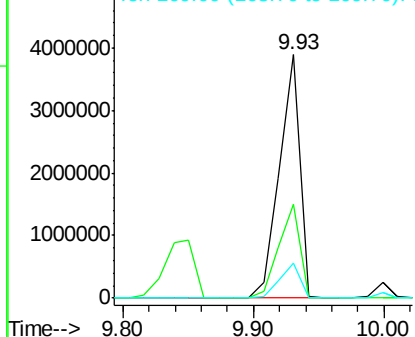


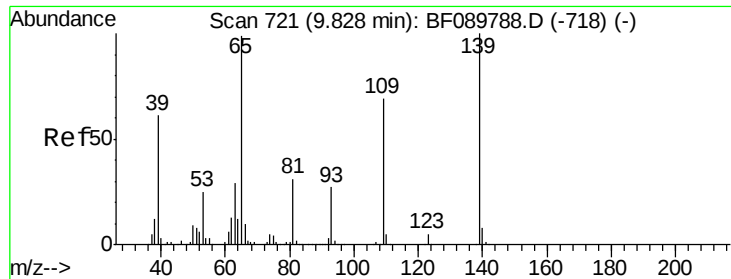
#54
 Dibenzofuran
 Concen: 52.21 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:168 Resp: 4173321
 Ion Ratio Lower Upper
 168 100
 139 38.7 34.6 52.0
 169 14.6 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

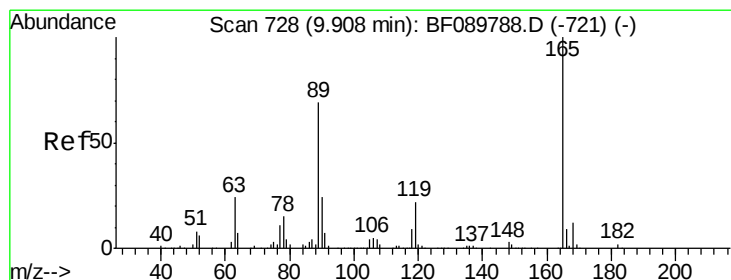
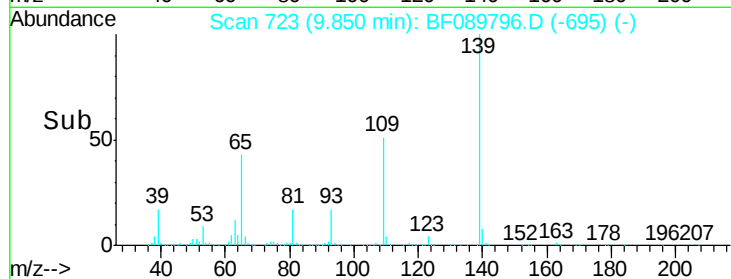
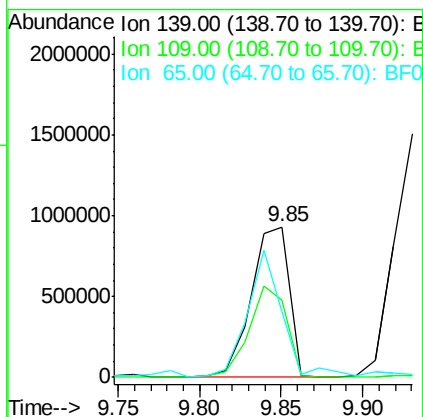
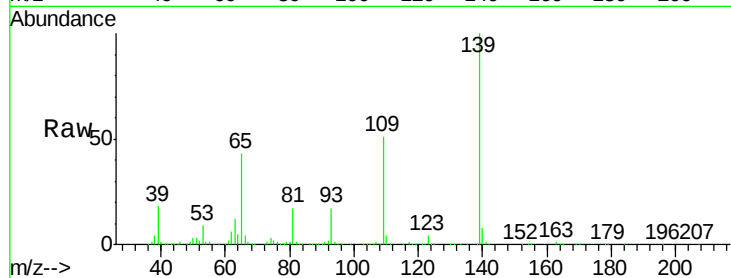




#55
4-Nitrophenol
Concen: 98.39 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.02 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

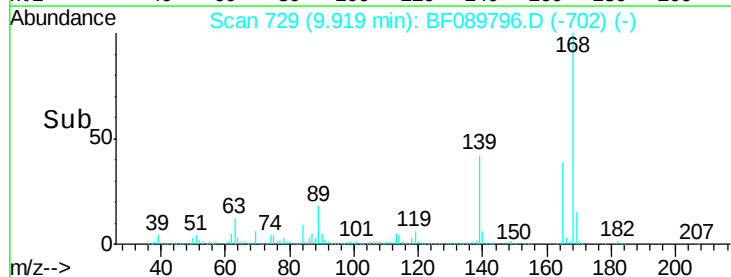
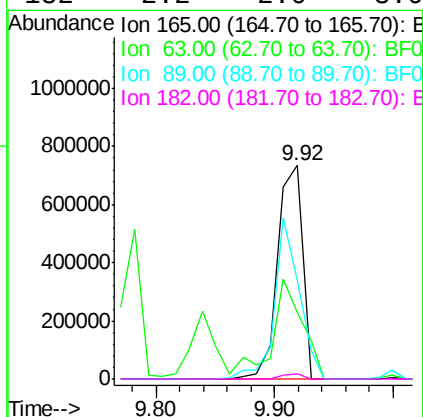
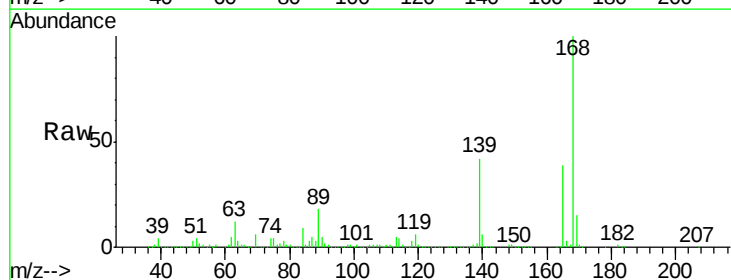
Instrument :
BNA_F
ClientSampleId :
PB92924BS

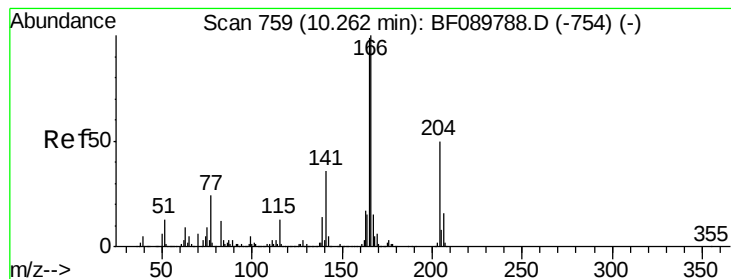
Tgt Ion:139 Resp: 1512938
Ion Ratio Lower Upper
139 100
109 51.2 43.0 83.0
65 43.3 55.7 95.7#



#56
2,4-Dinitrotoluene
Concen: 47.89 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:165 Resp: 1056462
Ion Ratio Lower Upper
165 100
63 31.2 23.7 35.5
89 46.2 44.0 66.0
182 2.2 2.0 3.0





#57

Fluorene

Concen: 46.13 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

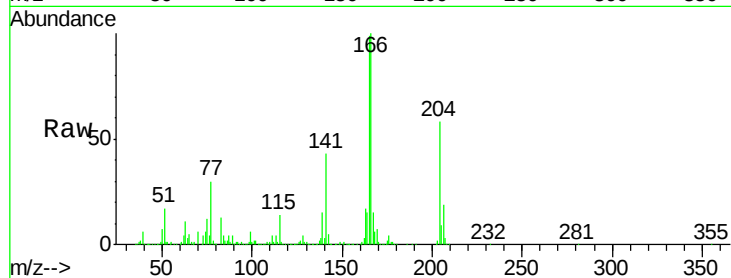
Tgt Ion:166 Resp: 2938301

Ion Ratio Lower Upper

166 100

165 98.8 80.2 120.4

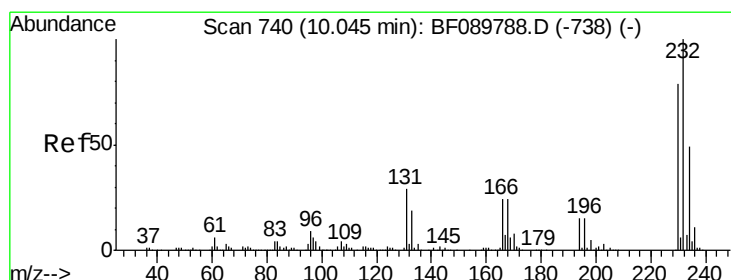
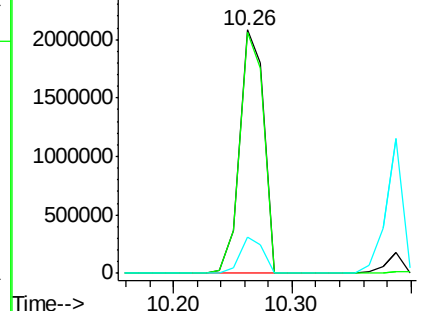
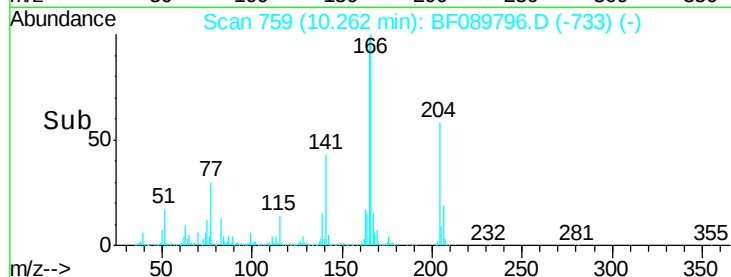
167 15.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.19 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion:232 Resp: 820487

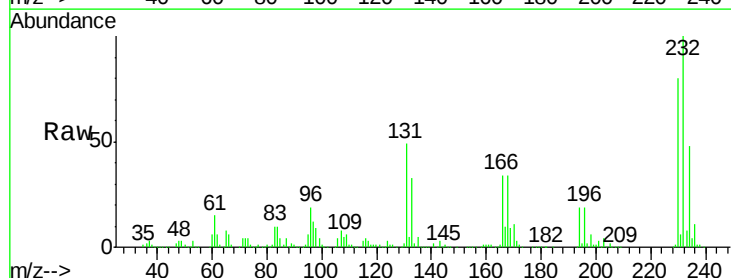
Ion Ratio Lower Upper

232 100

131 53.4 42.5 63.7

130 2.4 2.2 3.4

166 34.7 27.3 40.9

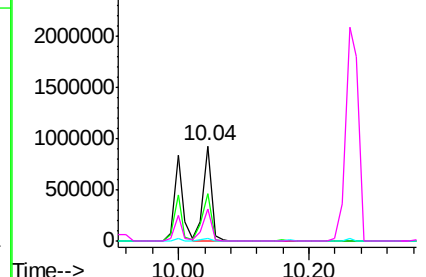
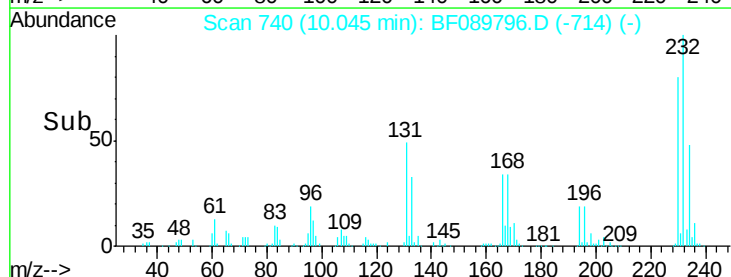


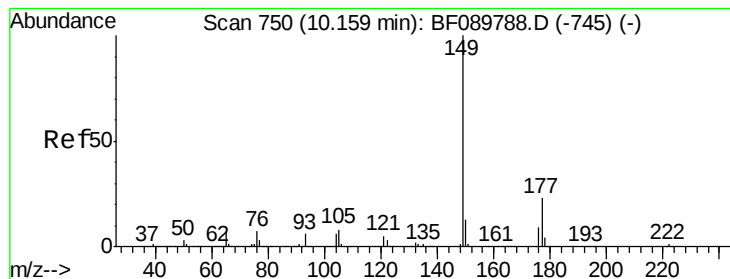
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.06 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

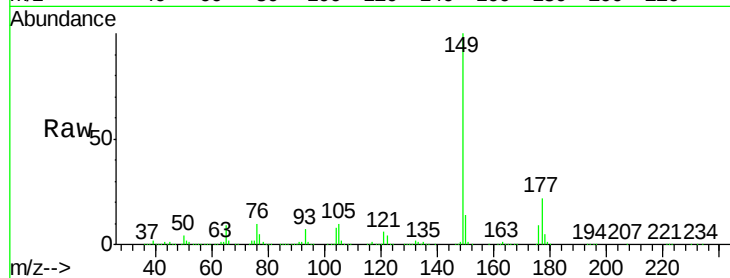
Tgt Ion:149 Resp: 3296165

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

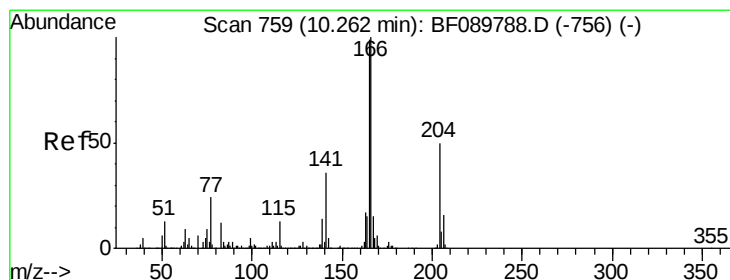
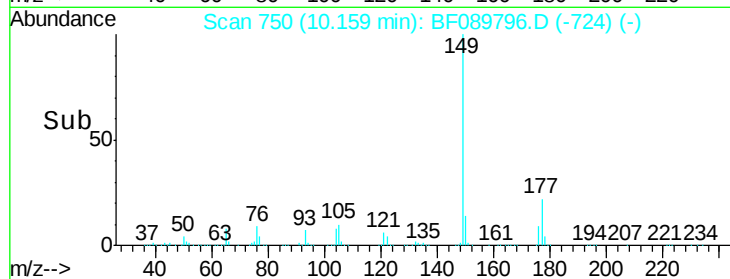
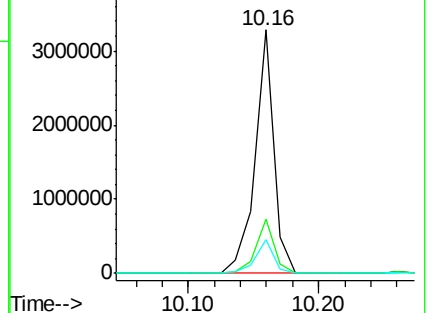
150 13.6 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.04 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

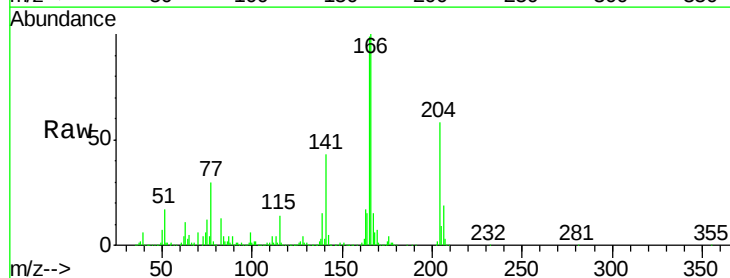
Tgt Ion:204 Resp: 1192438

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

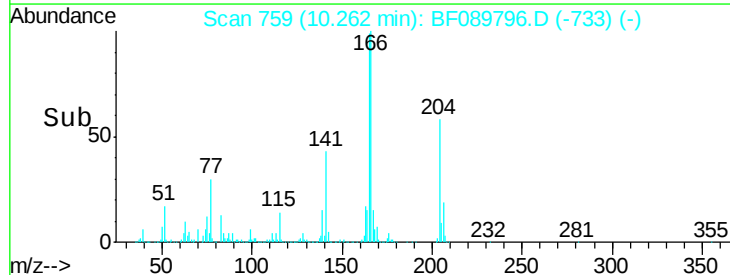
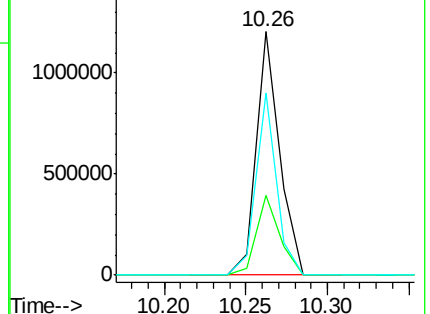
141 74.7 54.1 81.1

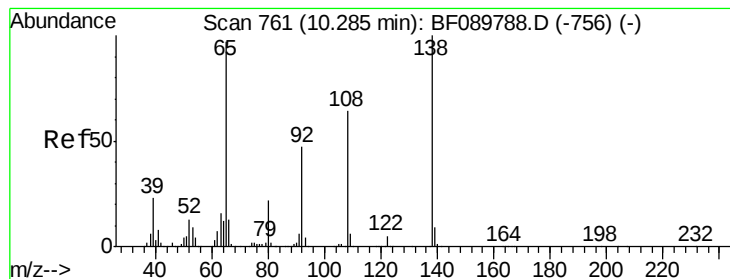


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.01 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

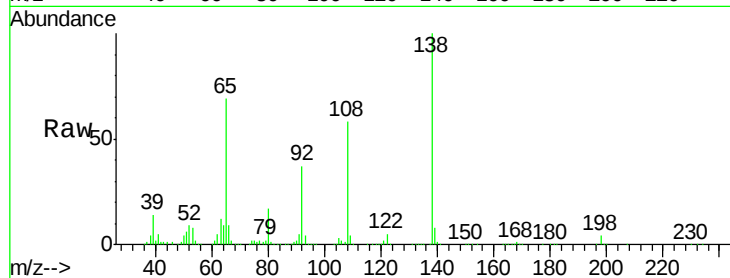
Tgt Ion:138 Resp: 883214

Ion Ratio Lower Upper

138 100

92 37.3 26.4 66.4

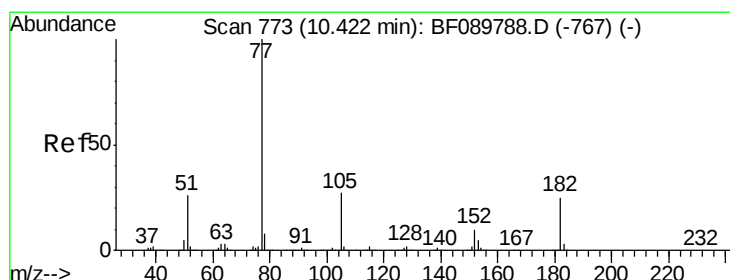
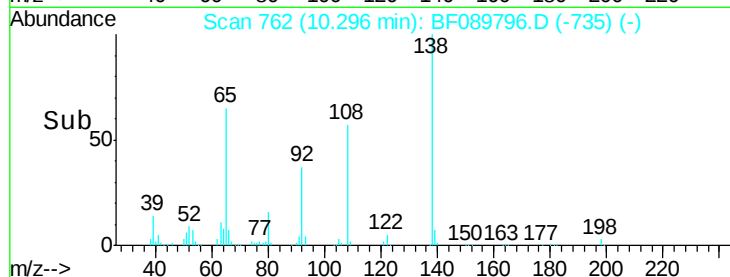
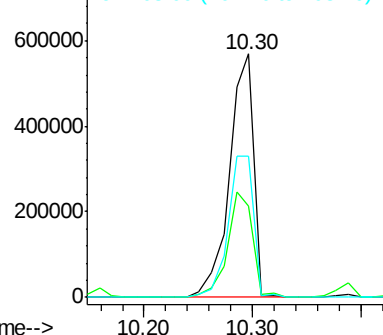
108 58.2 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.79 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Tgt Ion: 77 Resp: 3431848

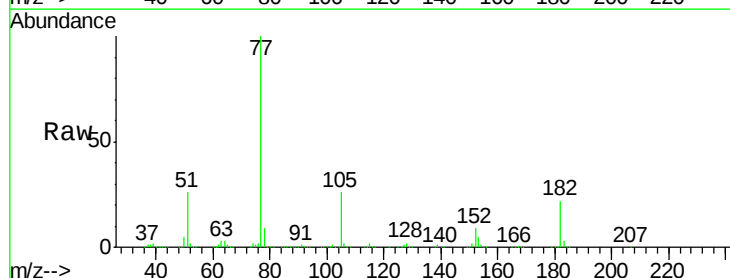
Ion Ratio Lower Upper

77 100

182 21.9 5.6 45.6

105 26.1 4.0 44.0

51 26.5 7.8 47.8

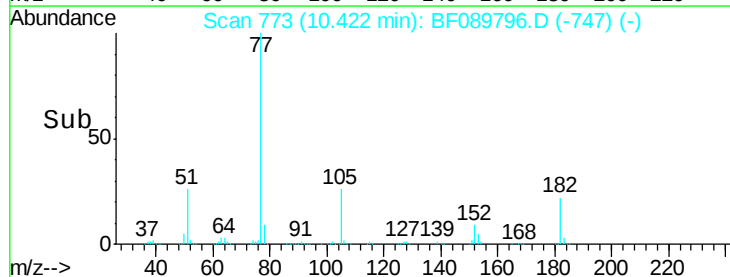
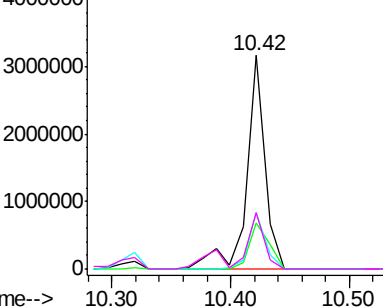


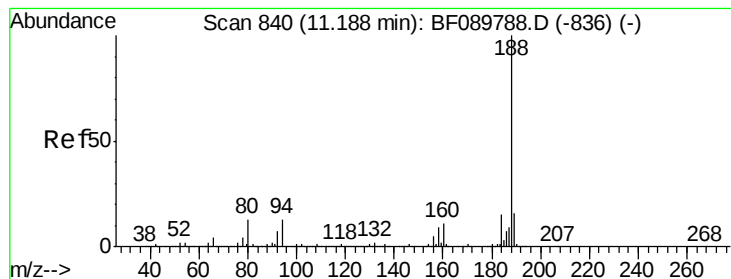
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

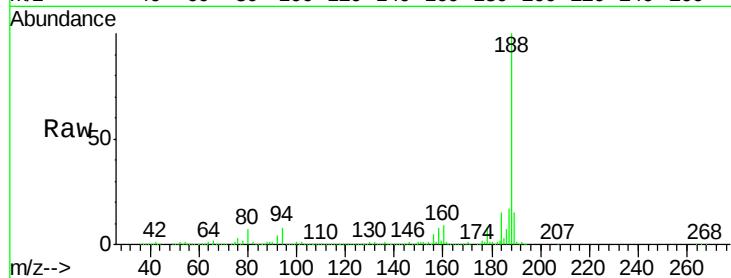
Tgt Ion:188 Resp: 1900374

Ion Ratio Lower Upper

188 100

94 7.6 10.2 15.2#

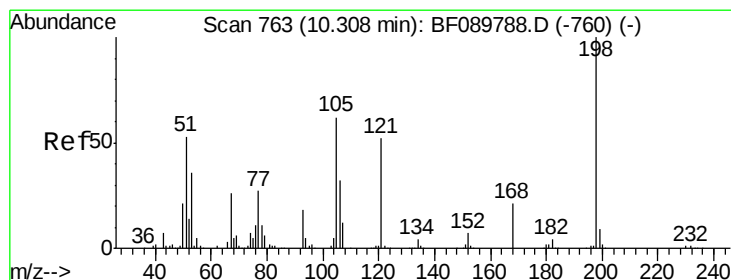
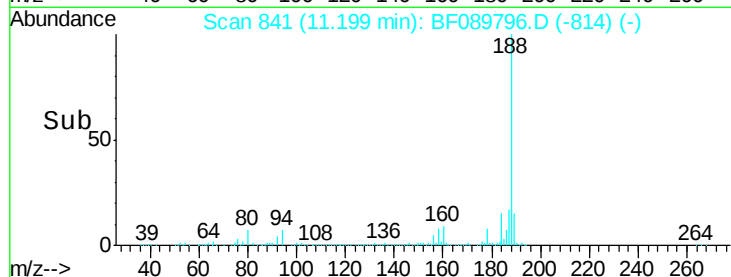
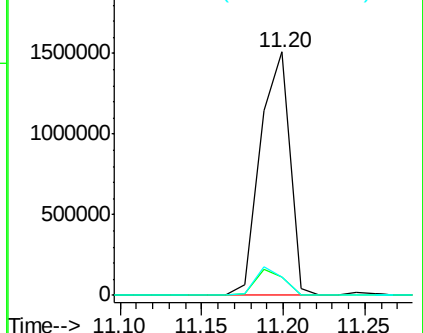
80 7.3 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.57 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

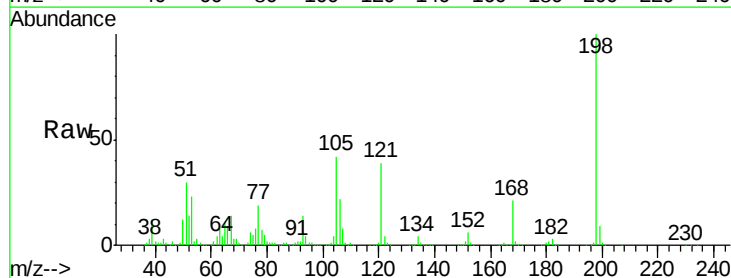
Tgt Ion:198 Resp: 552202

Ion Ratio Lower Upper

198 100

51 29.6 32.3 72.3#

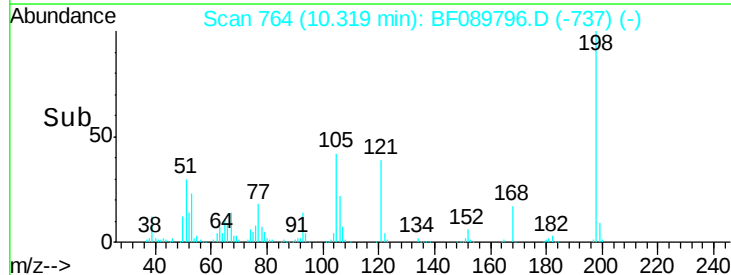
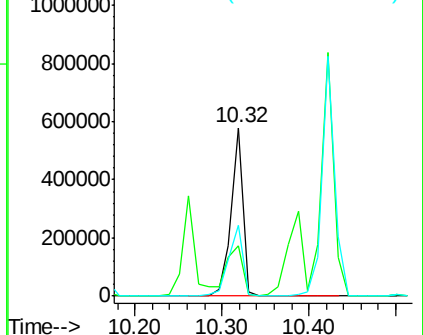
105 41.7 32.9 72.9

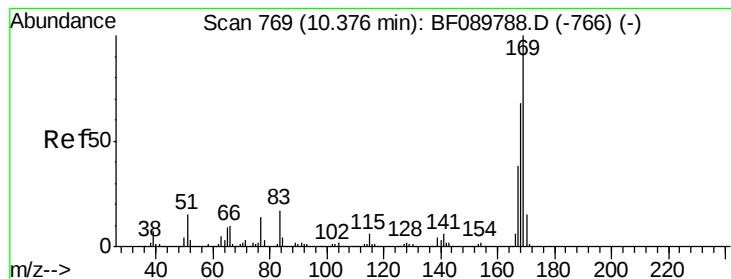


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.06 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

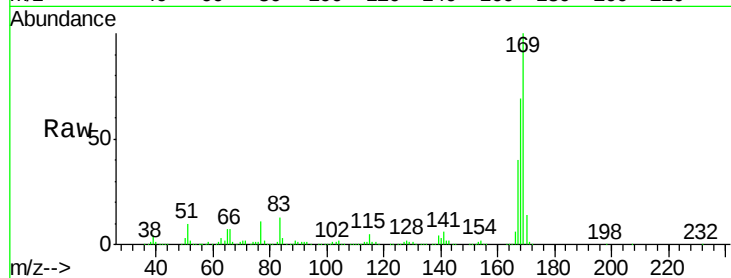
Tgt Ion:169 Resp: 2871759

Ion Ratio Lower Upper

169 100

168 69.1 54.6 82.0

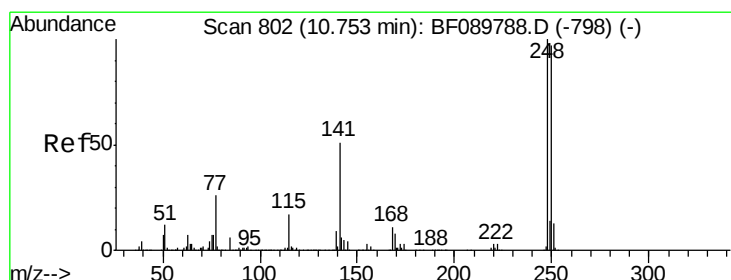
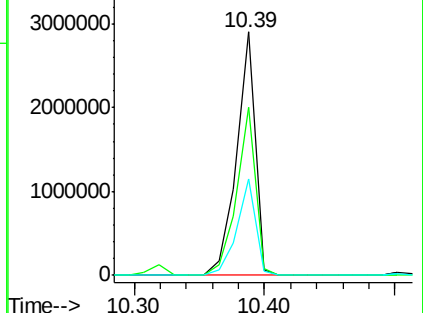
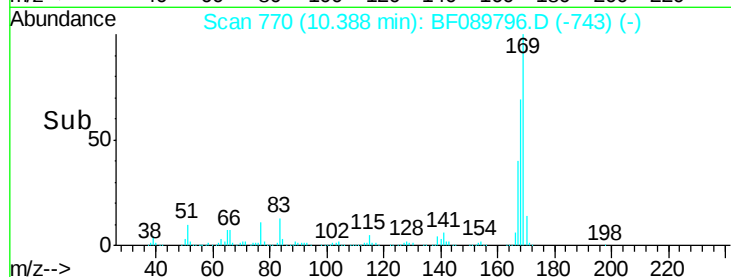
167 39.8 30.6 45.8



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: 45.30 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

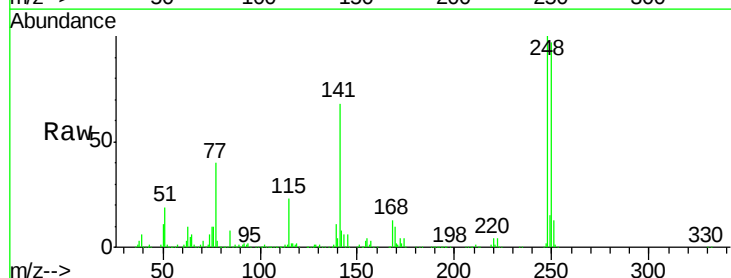
Tgt Ion:248 Resp: 902657

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

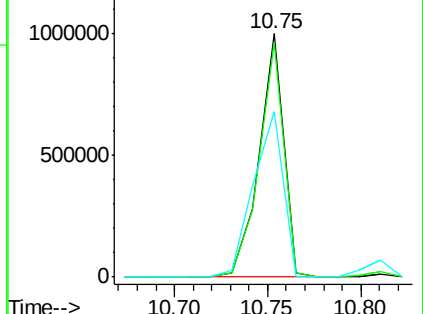
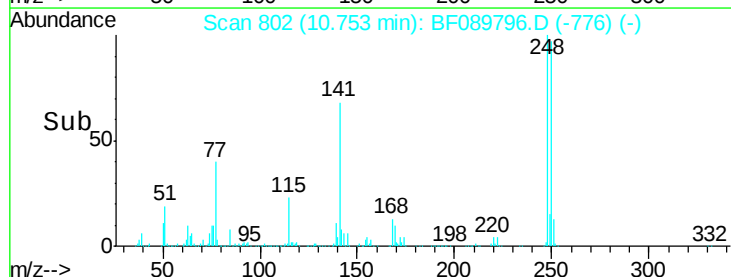
141 67.9 31.4 47.2#

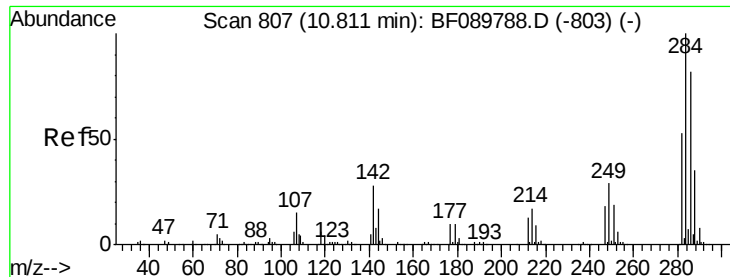


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

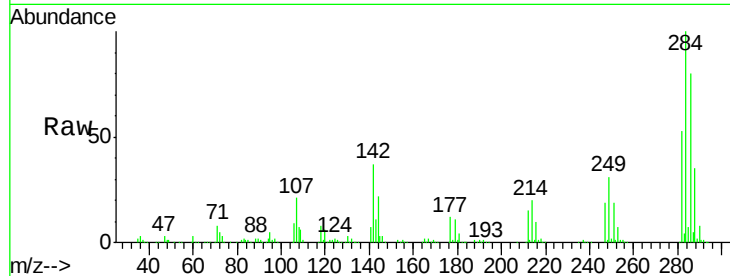




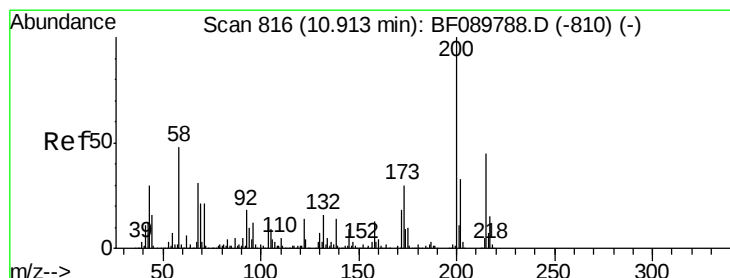
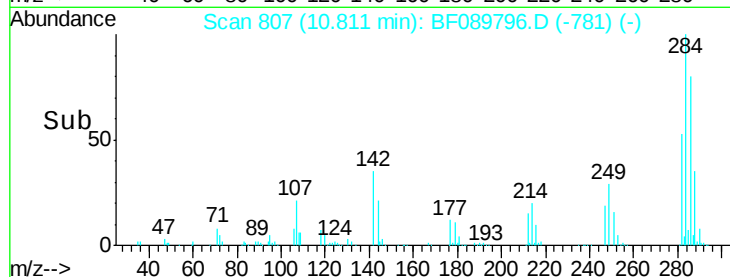
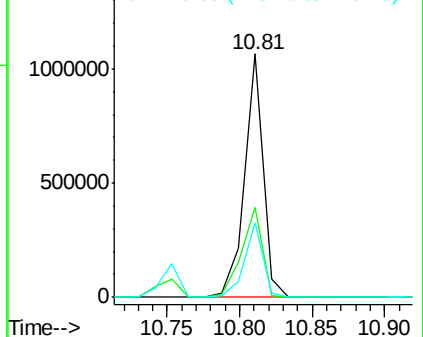
#67
Hexachlorobenzene
Concen: 41.66 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:284 Resp: 946993
Ion Ratio Lower Upper
284 100
142 37.2 17.4 26.2#
249 30.7 22.8 34.2

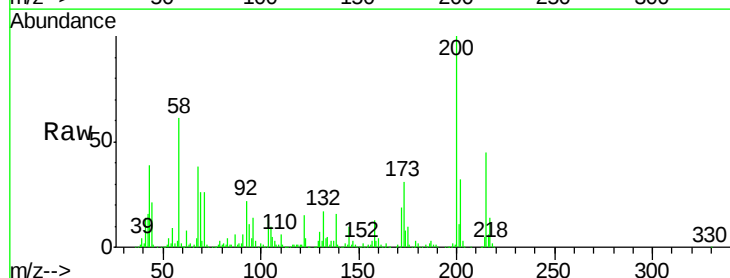


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

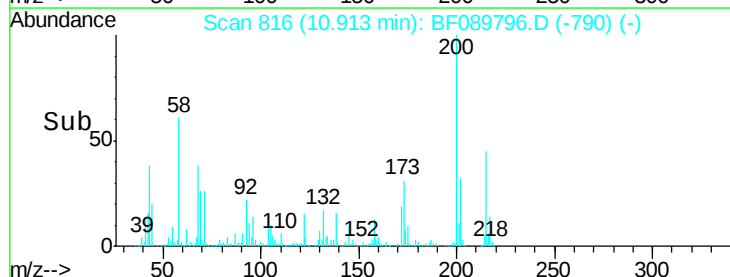
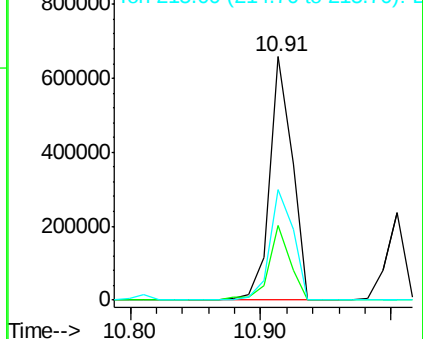


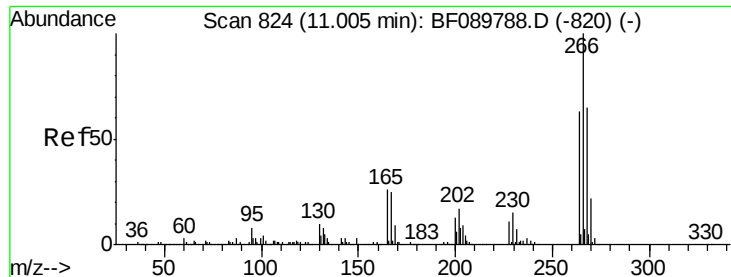
#68
Atrazine
Concen: 43.57 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:200 Resp: 797329
Ion Ratio Lower Upper
200 100
173 30.6 6.6 46.6
215 45.2 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

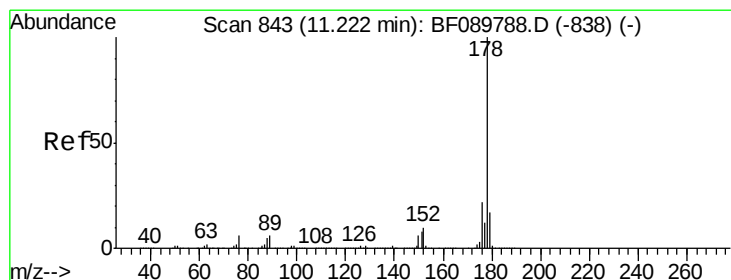
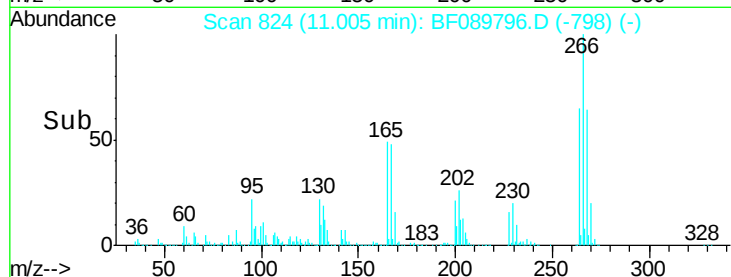
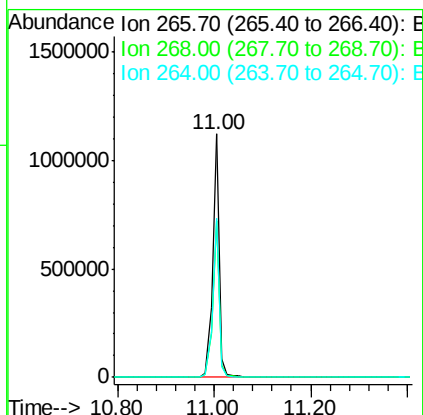
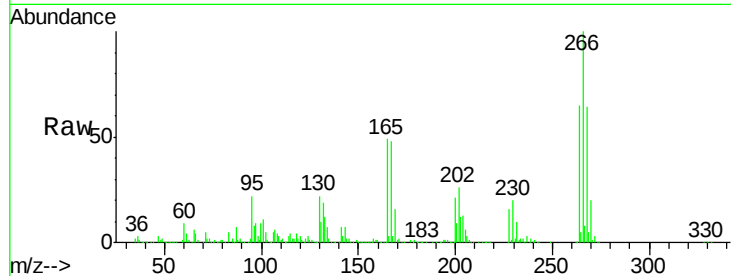




#69
 Pentachlorophenol
 Concen: 85.20 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

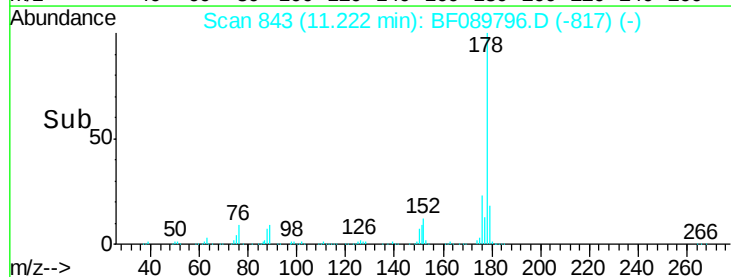
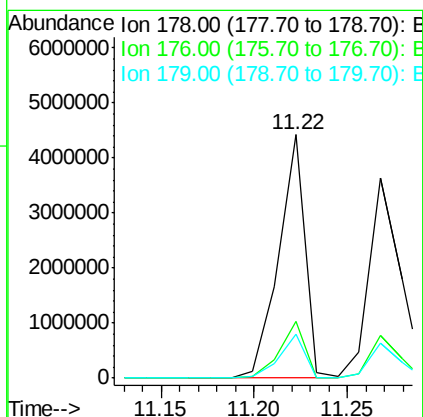
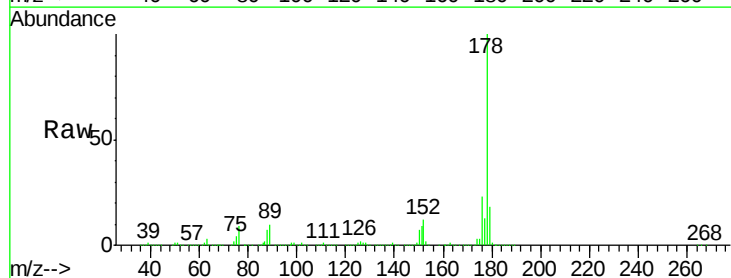
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

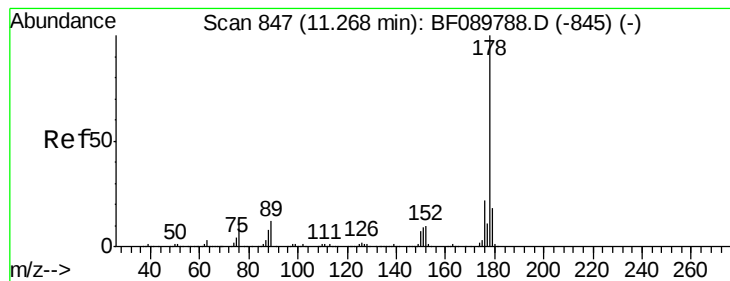
Tgt Ion:266 Resp: 1097703
 Ion Ratio Lower Upper
 266 100
 268 64.1 53.2 79.8
 264 65.4 51.1 76.7



#70
 Phenanthrene
 Concen: 45.44 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:178 Resp: 4361085
 Ion Ratio Lower Upper
 178 100
 176 23.1 16.4 24.6
 179 17.9 12.5 18.7





#71

Anthracene

Concen: 41.75 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

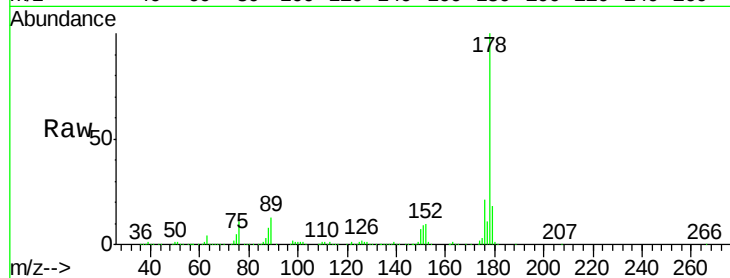
Tgt Ion:178 Resp: 4073362

Ion Ratio Lower Upper

178 100

176 21.5 16.4 24.6

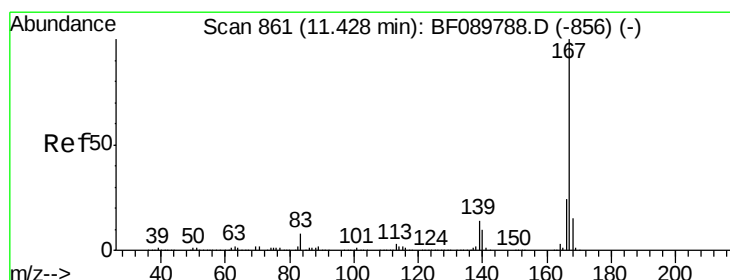
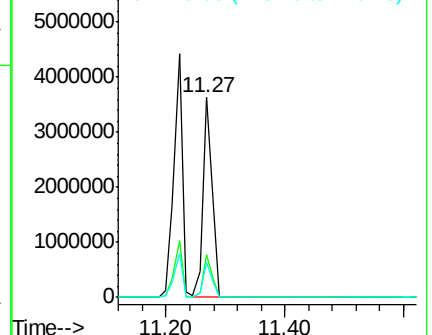
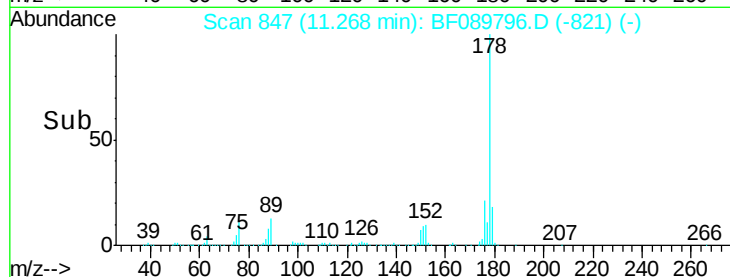
179 17.6 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.16 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

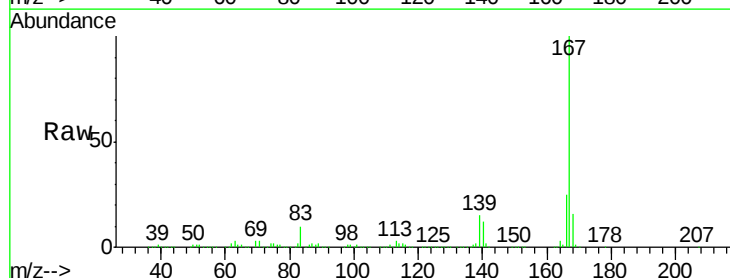
Tgt Ion:167 Resp: 4039343

Ion Ratio Lower Upper

167 100

166 24.9 17.9 26.9

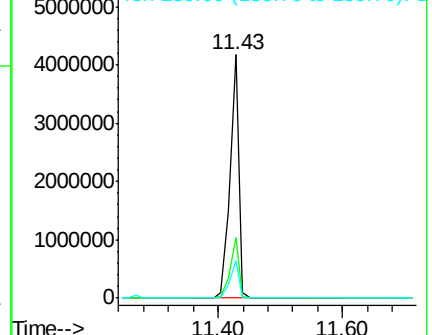
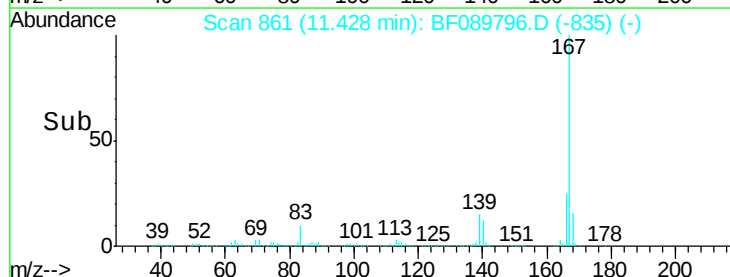
139 15.2 12.4 18.6

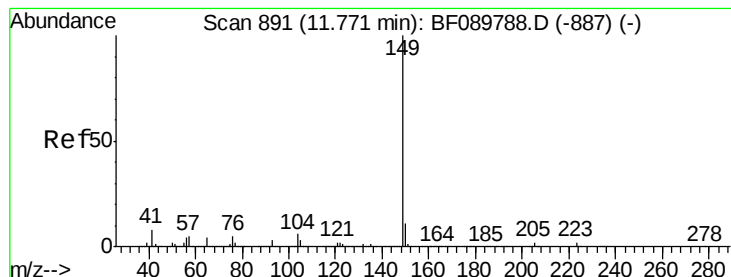


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.70 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

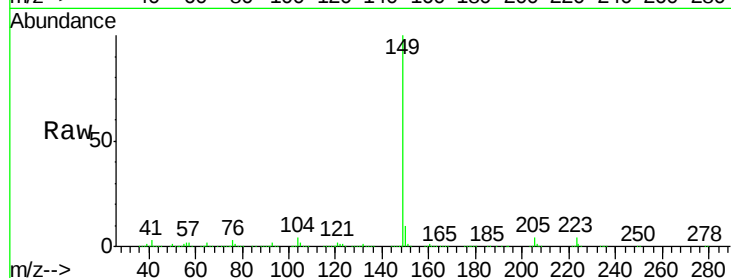
Tgt Ion:149 Resp: 4894243

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

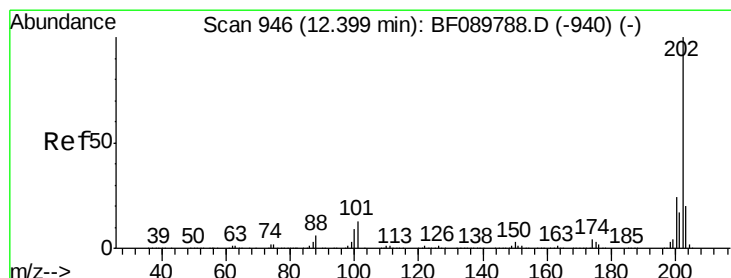
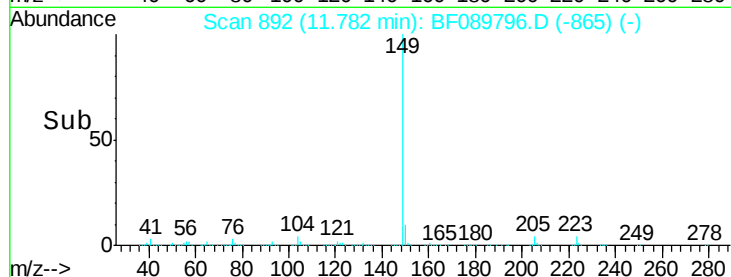
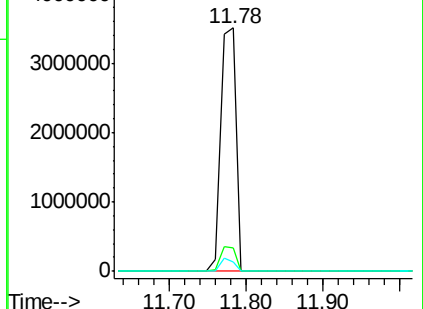
104 3.6 4.3 6.5#



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: 41.59 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

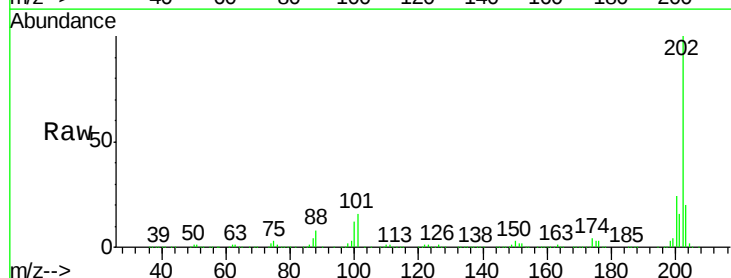
Tgt Ion:202 Resp: 3796925

Ion Ratio Lower Upper

202 100

101 16.4 0.0 31.2

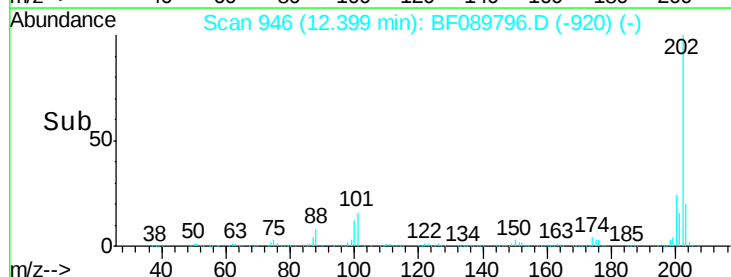
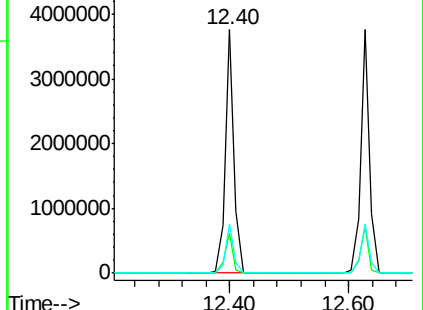
203 19.9 0.0 38.1

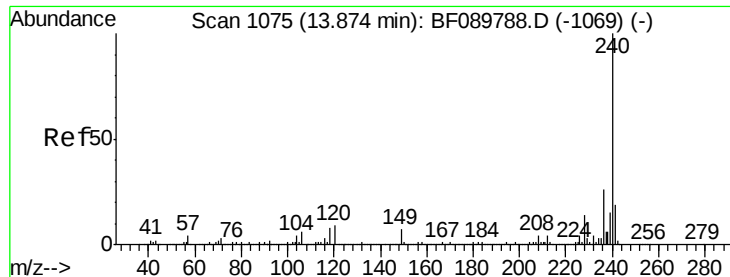


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 1076

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

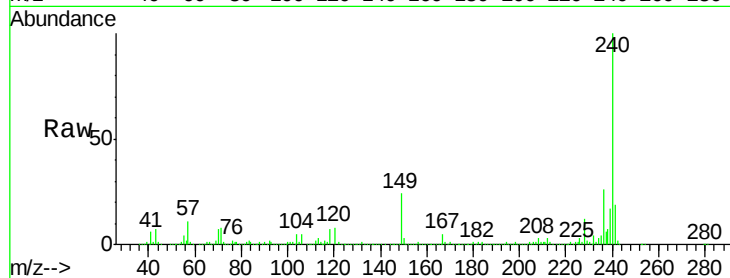
Tgt Ion:240 Resp: 1207885

Ion Ratio Lower Upper

240 100

120 8.0 8.3 12.5#

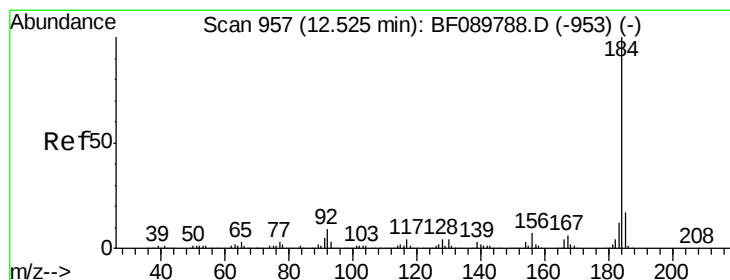
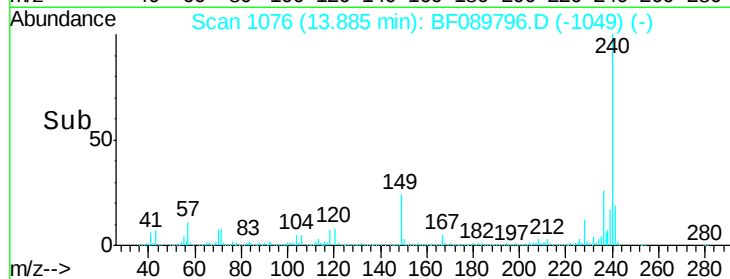
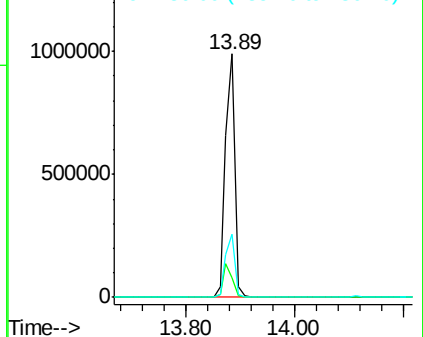
236 26.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.79 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

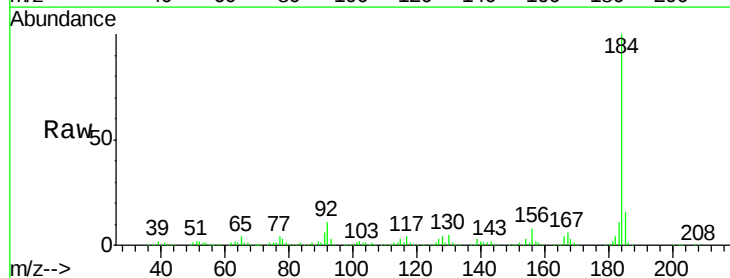
Tgt Ion:184 Resp: 1320917

Ion Ratio Lower Upper

184 100

185 16.2 13.8 20.8

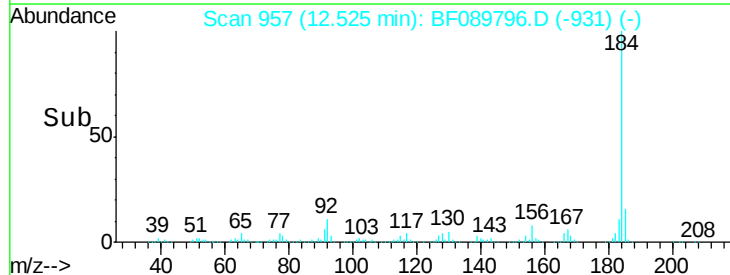
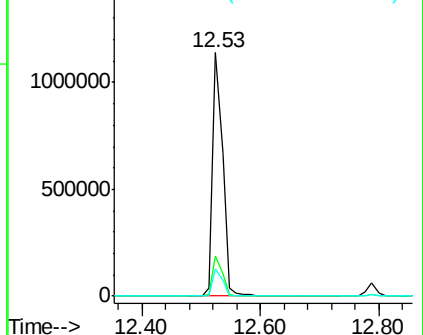
183 11.2 9.7 14.5

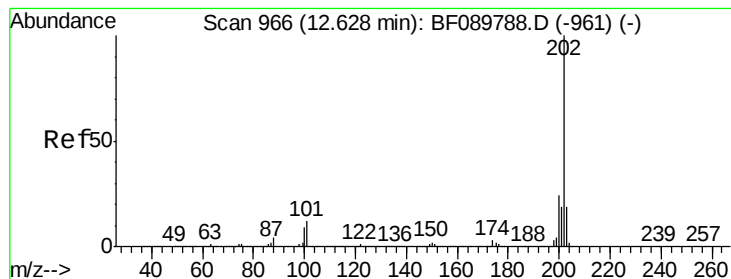


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.91 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

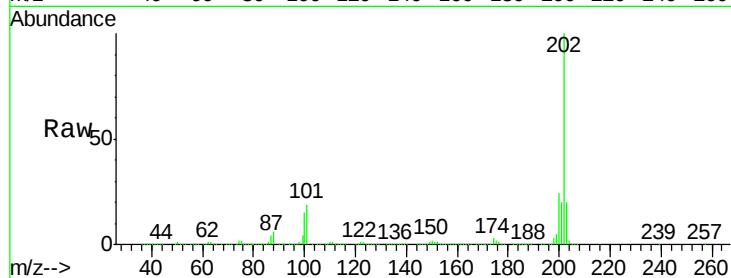
Tgt Ion:202 Resp: 3827450

Ion Ratio Lower Upper

202 100

200 24.4 17.8 26.6

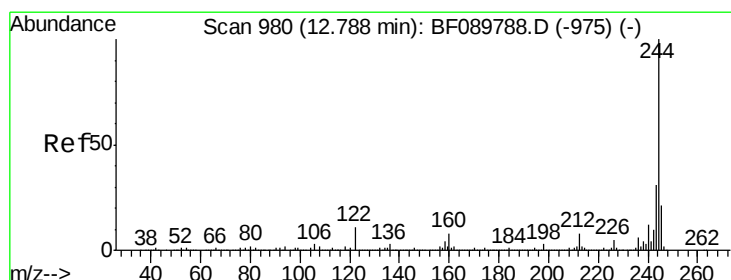
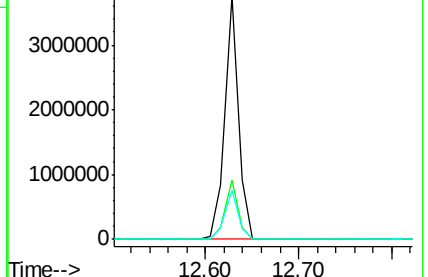
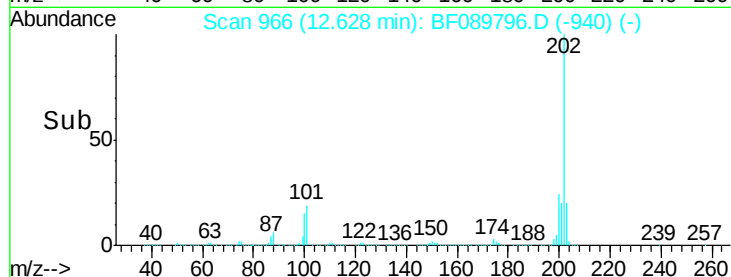
203 20.2 14.2 21.4



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: 78.40 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

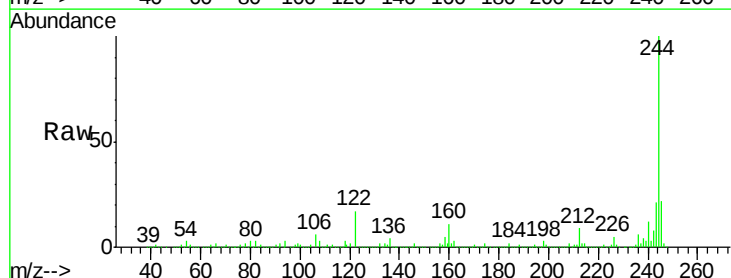
Tgt Ion:244 Resp: 4185919

Ion Ratio Lower Upper

244 100

212 8.8 6.3 9.5

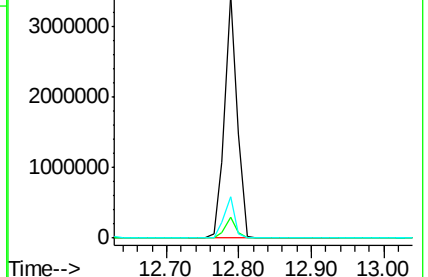
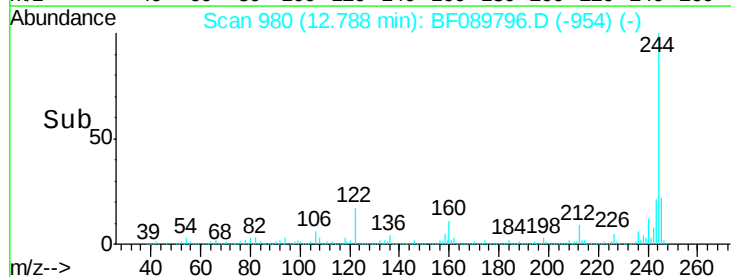
122 16.9 12.0 18.0

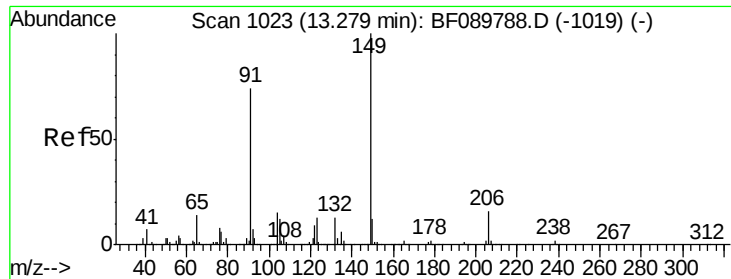


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

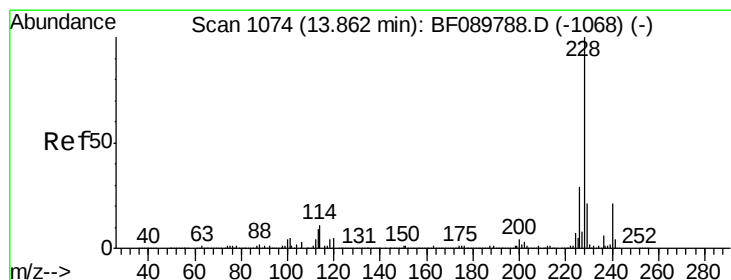
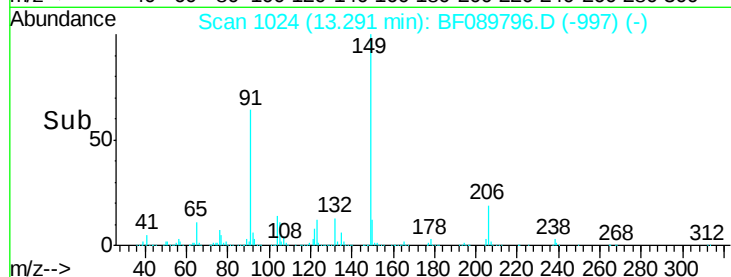
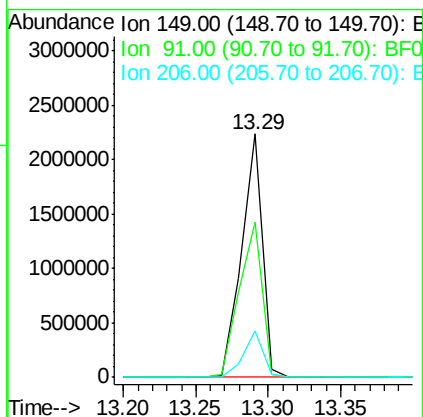
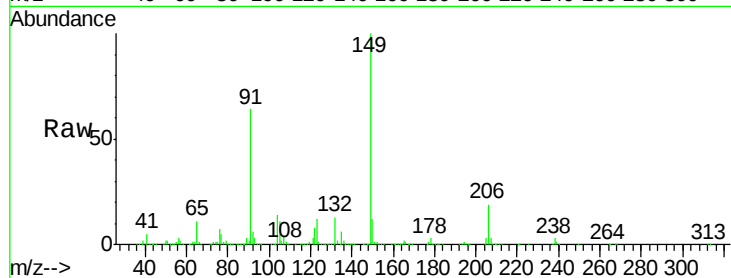




#79
Butylbenzylphthalate
Concen: 50.13 ng
RT: 13.29 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

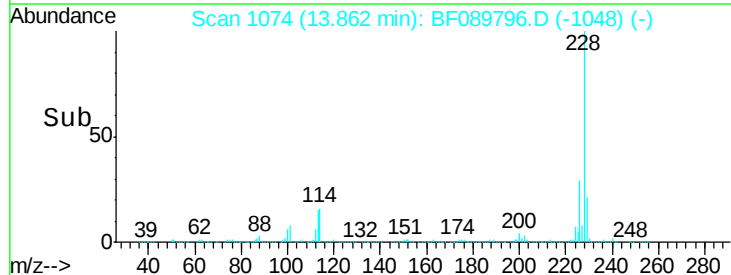
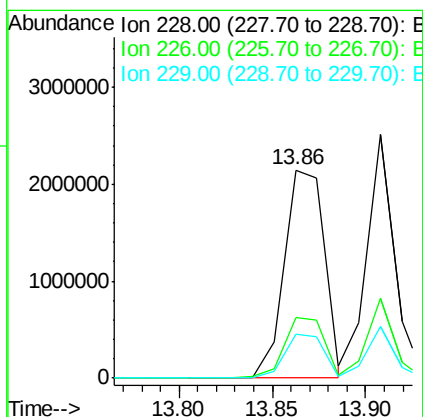
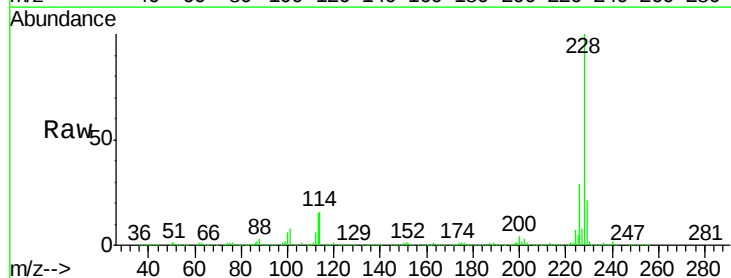
Instrument :
BNA_F
ClientSampleId :
PB92924BS

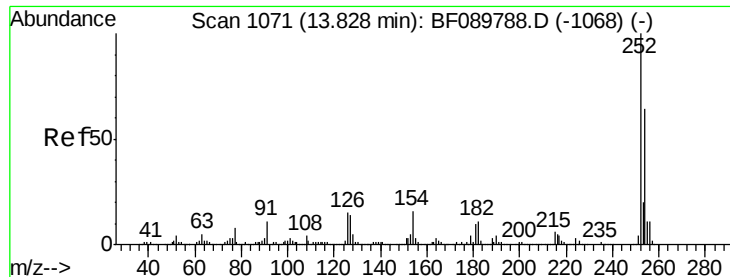
Tgt Ion:149 Resp: 2226795
Ion Ratio Lower Upper
149 100
91 63.8 50.7 76.1
206 18.9 15.5 23.3



#80
Benzo(a)anthracene
Concen: 46.73 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:228 Resp: 3232480
Ion Ratio Lower Upper
228 100
226 29.1 23.2 34.8
229 21.4 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 34.09 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

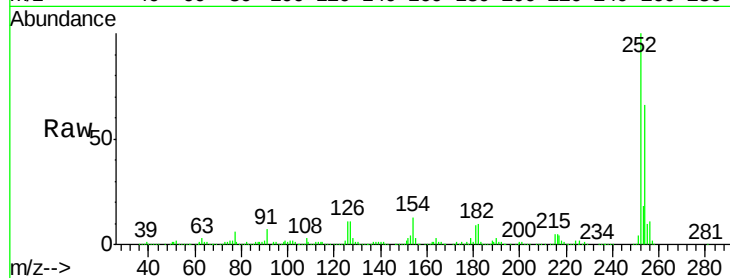
Tgt Ion:252 Resp: 773180

Ion Ratio Lower Upper

252 100

254 65.6 50.6 75.8

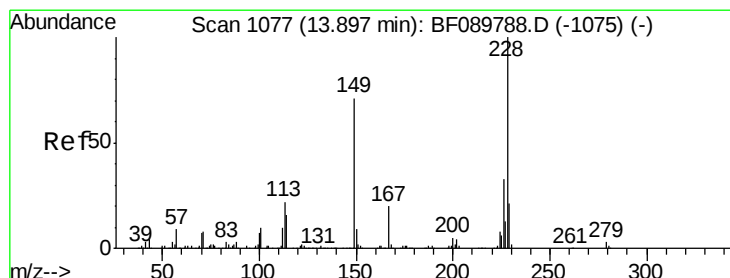
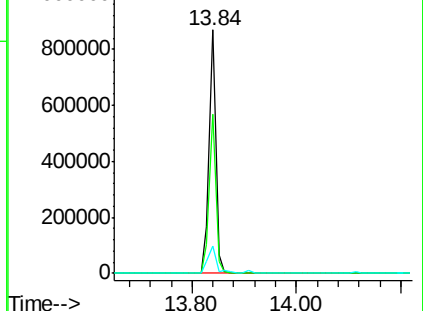
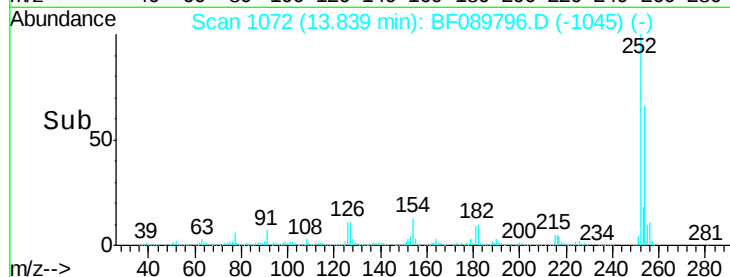
126 11.3 12.6 18.8#



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: 43.47 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

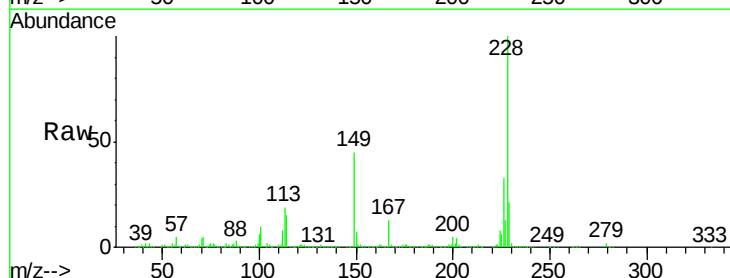
Tgt Ion:228 Resp: 2577666

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

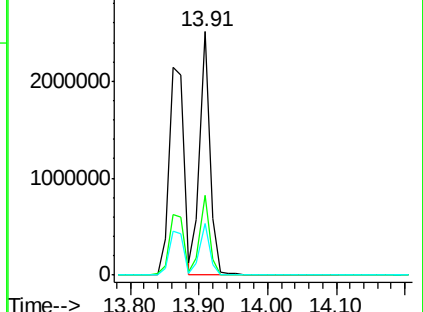
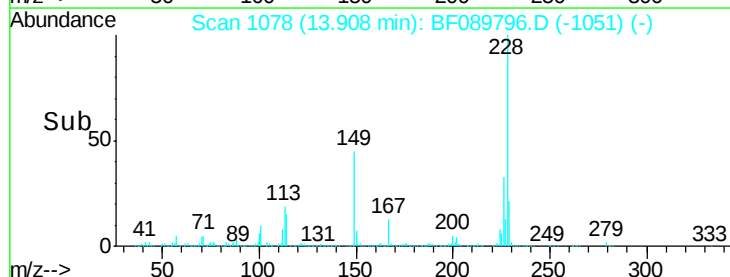
229 21.0 16.5 24.7

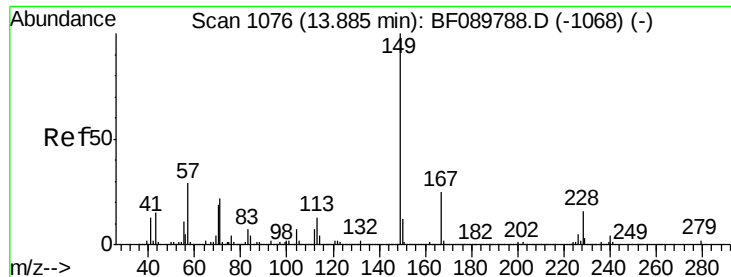


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

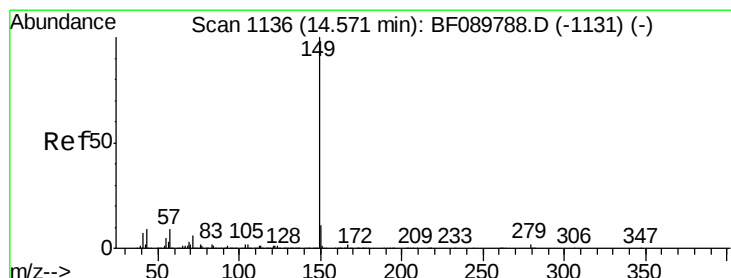
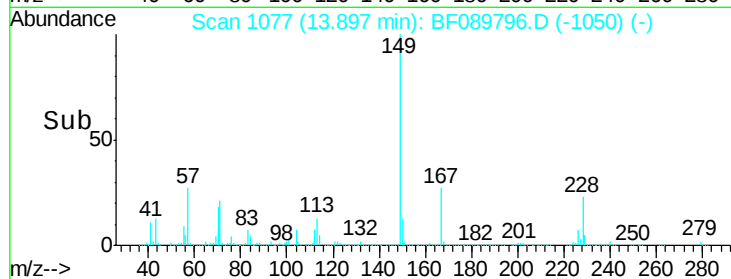
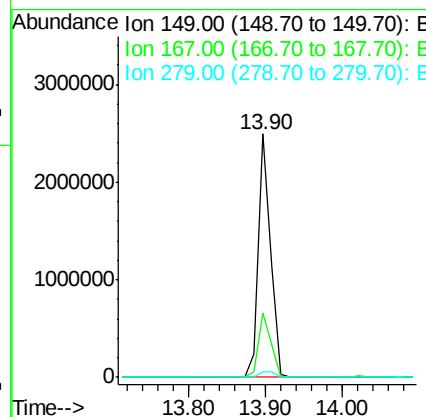
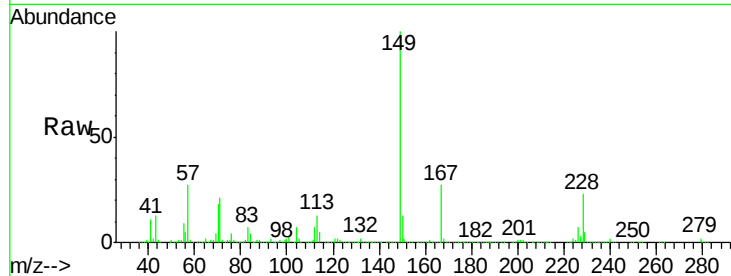




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.04 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

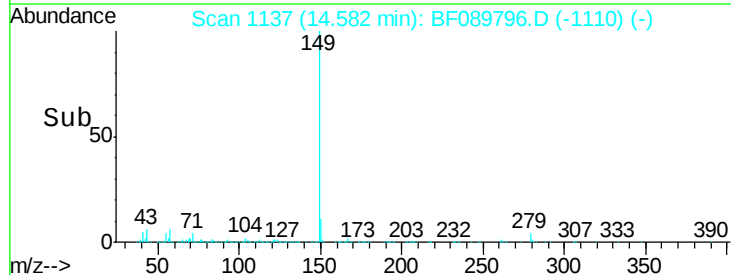
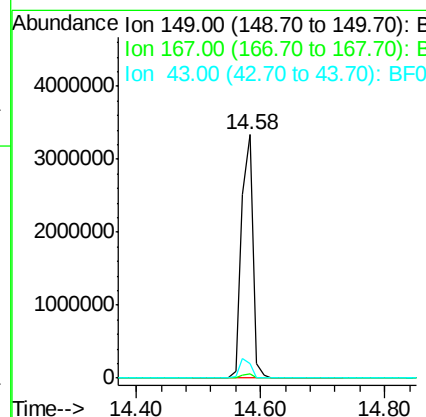
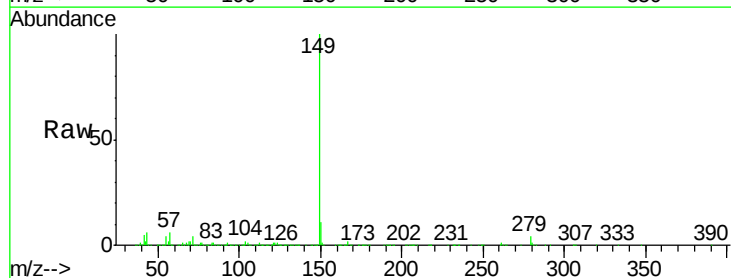
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

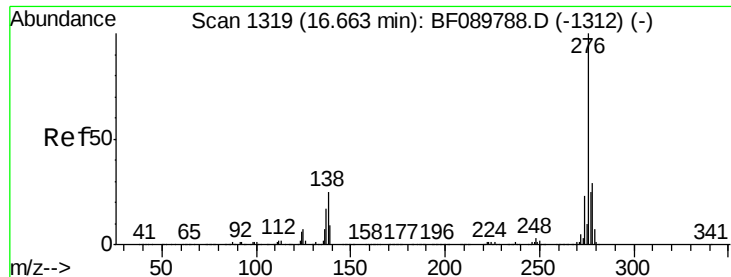
Tgt Ion:149 Resp: 2694963
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 2.3 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 52.57 ng
 RT: 14.58 min Scan# 1137
 Delta R.T. 0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:149 Resp: 4274899
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.3 8.4 12.6#

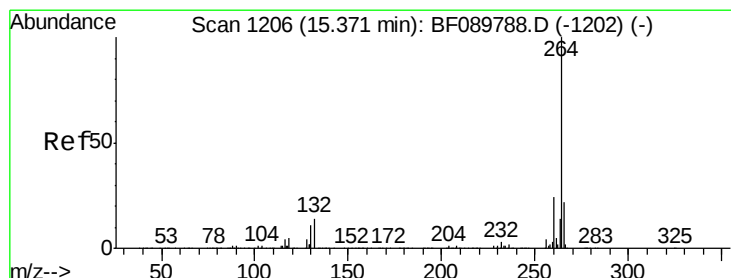
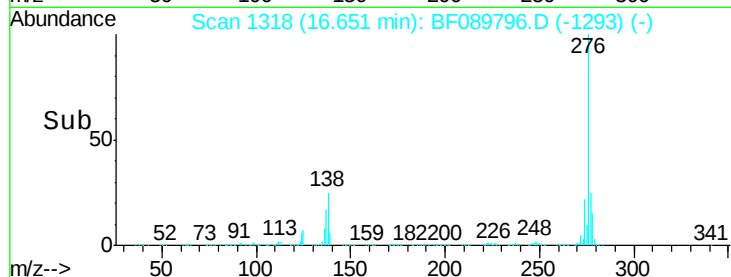
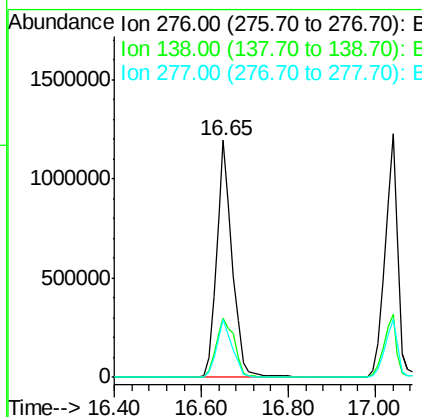
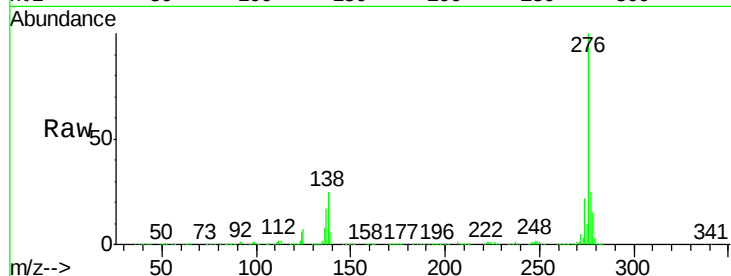




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.21 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

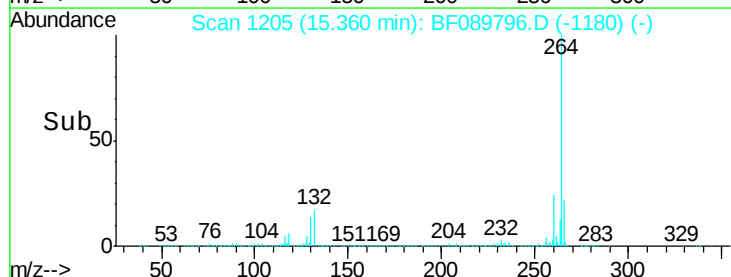
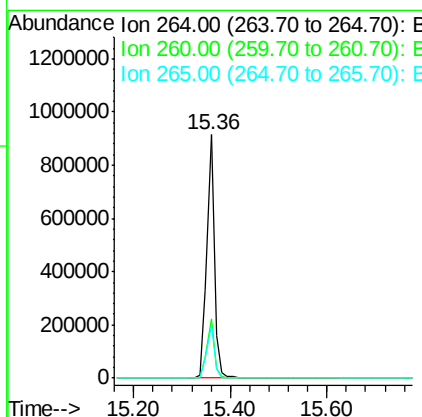
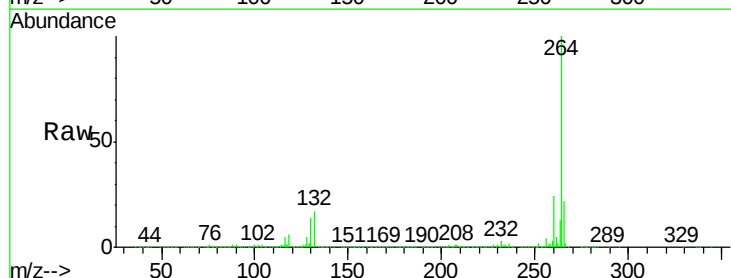
Instrument :
 BNA_F
 ClientSampleId :
 PB92924BS

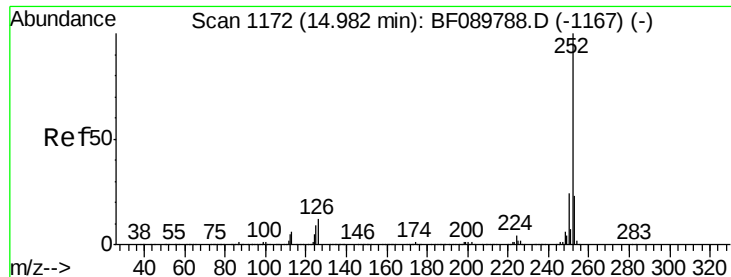
Tgt Ion:276 Resp: 3042310
 Ion Ratio Lower Upper
 276 100
 138 29.6 24.6 36.8
 277 25.3 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF089796.D
 Acq: 19 Aug 2016 15:36

Tgt Ion:264 Resp: 1005914
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.2
 265 21.9 17.4 26.2

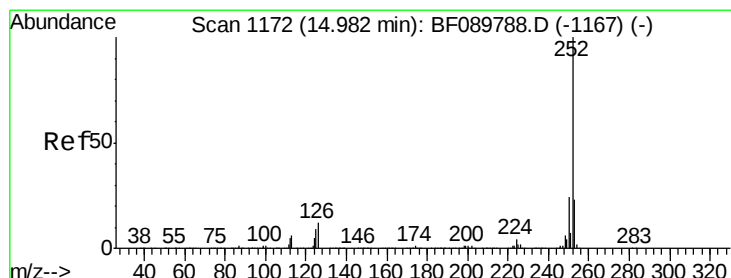
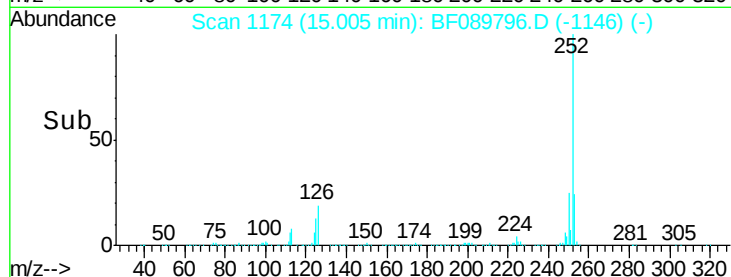
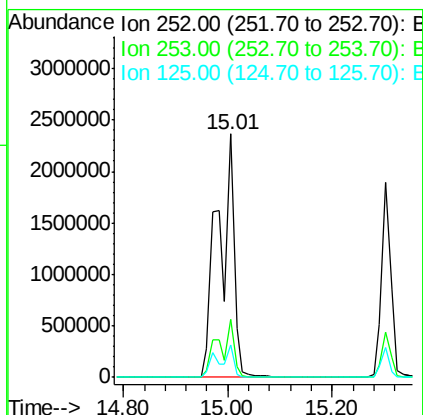
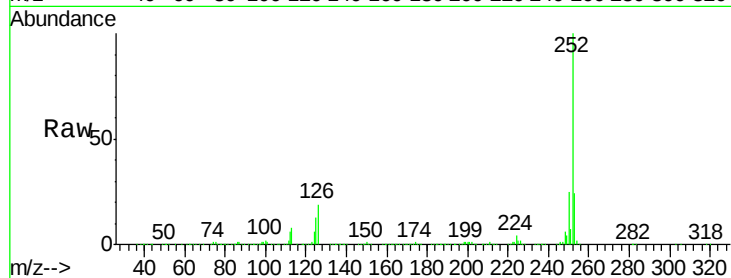




#87
Benzo(b)fluoranthene
Concen: 90.03 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

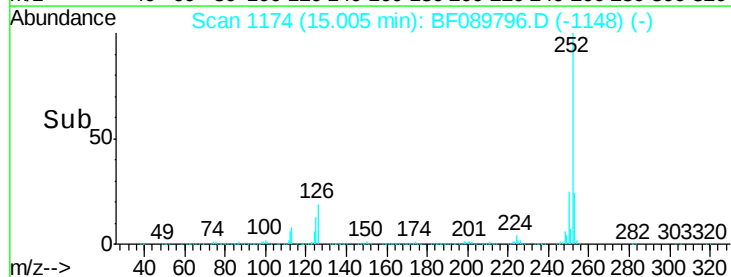
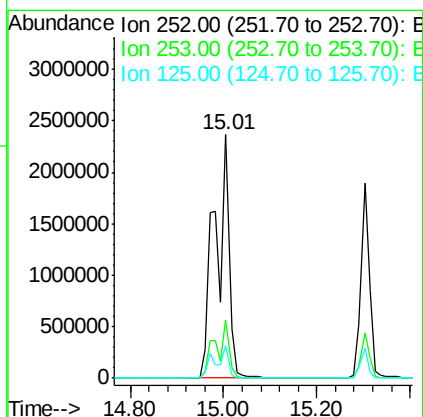
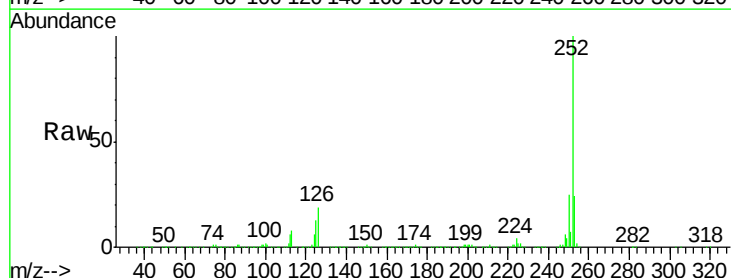
Instrument :
BNA_F
ClientSampleId :
PB92924BS

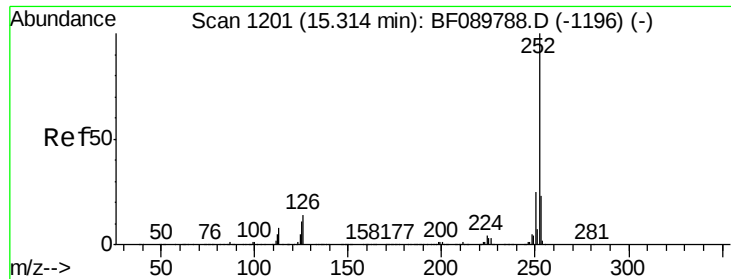
Tgt Ion:252 Resp: 4982304
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 13.2 11.4 17.2



#88
Benzo(k)fluoranthene
Concen: 99.32 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:252 Resp: 4986582
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 13.2 9.8 14.6

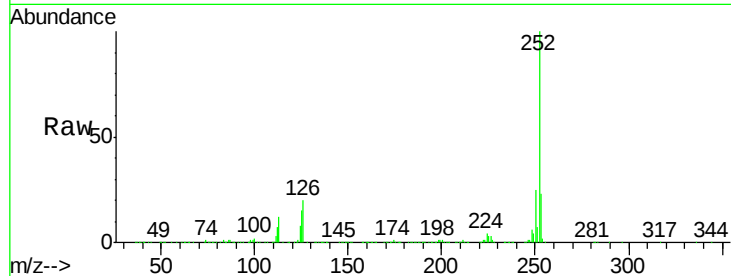




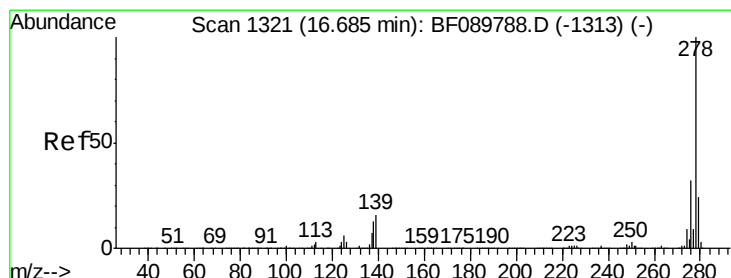
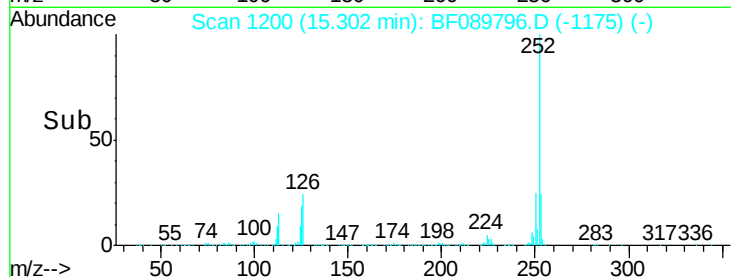
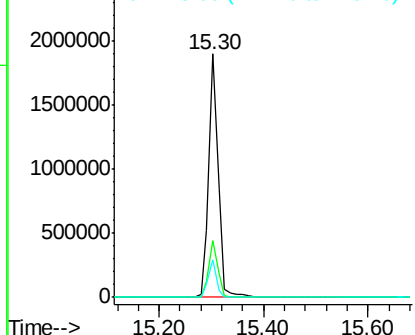
#89
Benzo(a)pyrene
Concen: 45.26 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Instrument :
BNA_F
ClientSampleId :
PB92924BS

Tgt Ion:252 Resp: 2370977
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 15.3 11.7 17.5

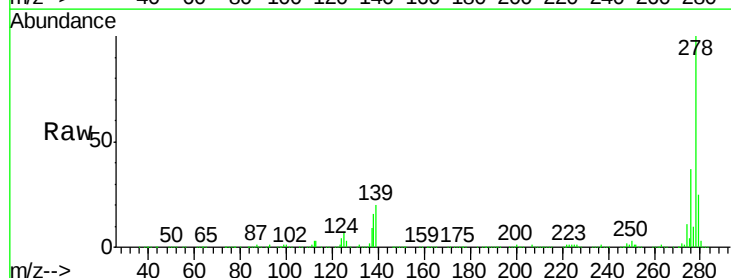


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

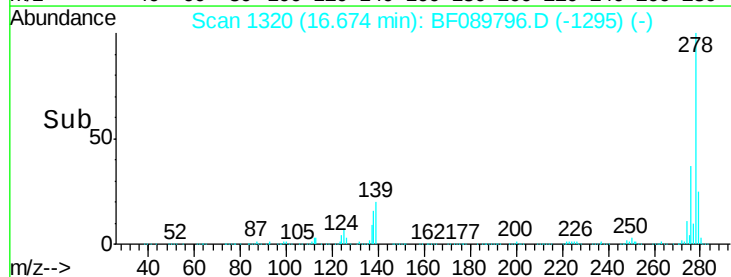
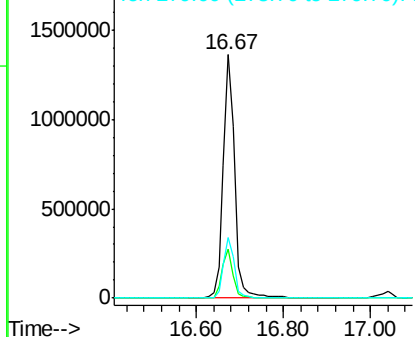


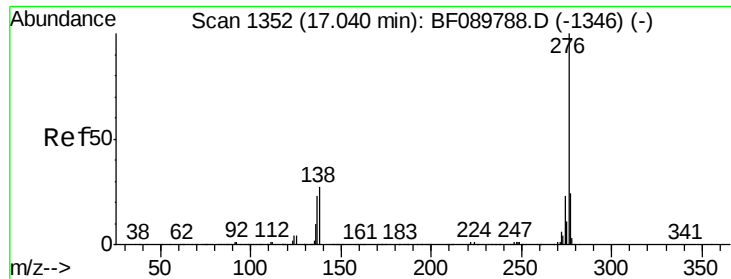
#90
Dibenzo(a,h)anthracene
Concen: 44.45 ng
RT: 16.67 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF089796.D
Acq: 19 Aug 2016 15:36

Tgt Ion:278 Resp: 2527285
Ion Ratio Lower Upper
278 100
139 20.2 14.9 22.3
279 25.0 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: 43.39 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF089796.D

Acq: 19 Aug 2016 15:36

Instrument :

BNA_F

ClientSampleId :

PB92924BS

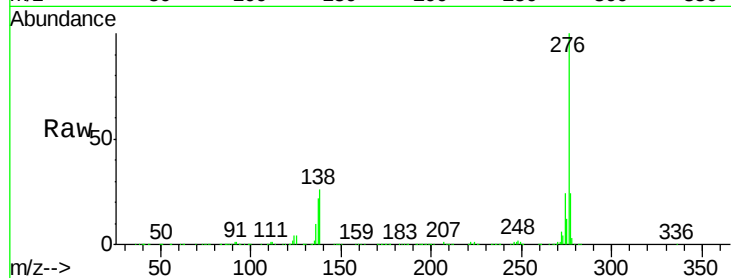
Tgt Ion:276 Resp: 2597413

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 25.7 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

