

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090066.D
 Acq On : 12 Sep 2016 16:31
 Operator : UM/SJ
 Sample : H4744-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Quant Time: Sep 13 02:40:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	183436	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	690002	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	321953	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	537837	20.00	ng	-0.02
75) Chrysene-d12	13.69	240	389878	20.00	ng	-0.03
86) Perylene-d12	15.03	264	336234	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.15	112	1350281	117.82	ng	-0.01
7) Phenol-d6	6.24	99	1596410	114.64	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1051204	88.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	376640	118.58	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	1706874	87.03	ng	-0.02
78) Terphenyl-d14	12.66	244	1355443	85.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	165515	30.48	ng	# 92
3) Pyridine	2.65	79	481087	33.21	ng	98
4) n-Nitrosodimethylamine	2.59	42	260338	36.44	ng	98
6) Aniline	6.24	93	512324	26.96	ng	91
8) 2-Chlorophenol	6.36	128	529698	42.60	ng	97
9) Benzaldehyde	6.11	77	65273	7.27	ng	92
10) Phenol	6.25	94	675166	41.69	ng	# 78
11) bis(2-Chloroethyl)ether	6.33	93	562851	45.93	ng	86
12) 1,3-Dichlorobenzene	6.75	146	493375	35.53	ng	99
13) 1,4-Dichlorobenzene	6.59	146	553234	38.94	ng	98
14) 1,2-Dichlorobenzene	6.75	146	514190	40.37	ng	95
15) Benzyl Alcohol	6.73	79	362053	41.50	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	897881	38.43	ng	92
17) 2-Methylphenol	6.86	107	382714	38.54	ng	98
18) Hexachloroethane	7.08	117	166392	34.19	ng	# 89
19) n-Nitroso-di-n-propylamine	7.02	70	363738	40.08	ng	99
20) 3+4-Methylphenols	7.02	107	498214	41.39	ng	# 72
22) Acetophenone	7.00	105	643308	41.56	ng	# 90
24) Nitrobenzene	7.16	77	479029	37.87	ng	97
25) Isophorone	7.42	82	972071	40.18	ng	99
26) 2-Nitrophenol	7.48	139	251701	41.63	ng	98
27) 2,4-Dimethylphenol	7.54	122	440297	39.37	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	607971	41.66	ng	99
29) 2,4-Dichlorophenol	7.74	162	450945	44.97	ng	93
30) 1,2,4-Trichlorobenzene	7.82	180	462296	42.17	ng	98
31) Naphthalene	7.88	128	1345800	39.15	ng	100
32) Benzoic acid	7.54	122	440297	58.44	ng	# 13
33) 4-Chloroaniline	7.95	127	462130	33.32	ng	94
34) Hexachlorobutadiene	8.01	225	249533	38.84	ng	99
35) Caprolactam	8.32	113	130810	41.33	ng	88
36) 4-Chloro-3-methylphenol	8.44	107	444911	41.90	ng	94
37) 2-Methylnaphthalene	8.58	142	950946	41.86	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	357398	37.89	ng	98
40) Hexachlorocyclopentadiene	8.73	237	121899	25.21	ng	95

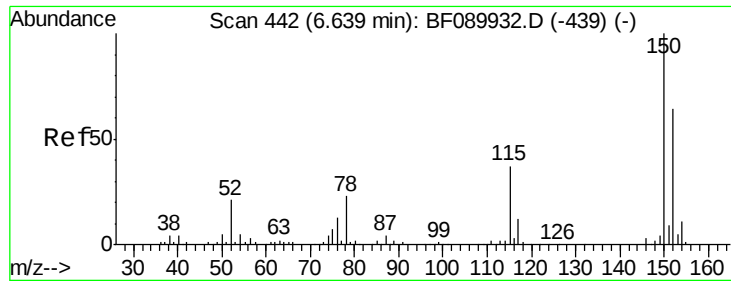
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	272961	41.76	ng	98
43) 2,4,5-Trichlorophenol	8.90	196	296019	47.10	ng	97
45) 1,1'-Biphenyl	9.04	154	966968	37.30	ng	99
46) 2-Chloronaphthalene	9.06	162	830342	45.28	ng	99
47) 2-Nitroaniline	9.16	65	287488	47.96	ng	# 84
48) Acenaphthylene	9.47	152	1289096	42.52	ng	99
49) Dimethylphthalate	9.36	163	1498154	64.38	ng	98
50) 2,6-Dinitrotoluene	9.42	165	221274	42.75	ng	# 63
51) Acenaphthene	9.64	154	781755	40.70	ng	99
52) 3-Nitroaniline	9.58	138	245917	41.66	ng	83
53) 2,4-Dinitrophenol	9.68	184	20155	12.10	ng	# 78
54) Dibenzofuran	9.82	168	1163391	45.19	ng	99
55) 4-Nitrophenol	9.76	139	281295	63.18	ng	93
56) 2,4-Dinitrotoluene	9.80	165	237949	36.25	ng	# 73
57) Fluorene	10.16	166	825512	43.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	243432	45.24	ng	94
59) Diethylphthalate	10.04	149	914976	41.80	ng	99
60) 4-Chlorophenyl-phenylether	10.16	204	379407	42.86	ng	99
61) 4-Nitroaniline	10.18	138	229237	39.53	ng	93
62) Azobenzene	10.31	77	843882	38.59	ng	99
64) 4,6-Dinitro-2-methylphenol	10.22	198	28885	8.39	ng	# 67
65) n-Nitrosodiphenylamine	10.27	169	715160	44.23	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	262329	48.45	ng	96
67) Hexachlorobenzene	10.70	284	245072	39.62	ng	96
68) Atrazine	10.81	200	243600	45.13	ng	93
69) Pentachlorophenol	10.89	266	252407	75.86	ng	98
70) Phenanthrene	11.11	178	1191835	44.50	ng	98
71) Anthracene	11.15	178	1171563	43.13	ng	99
72) Carbazole	11.31	167	1072631	42.11	ng	99
73) Di-n-butylphthalate	11.66	149	1192171	40.16	ng	99
74) Fluoranthene	12.29	202	1252557	44.63	ng	97
76) Benzidine	12.41	184	600858	40.68	ng	96
77) Pyrene	12.50	202	1173169	42.68	ng	99
79) Butylbenzylphthalate	13.14	149	507868	45.81	ng	94
80) Benzo(a)anthracene	13.69	228	1058861	44.34	ng	100
81) 3,3'-Dichlorobenzidine	13.66	252	389599	45.20	ng	98
82) Chrysene	13.73	228	1071729	48.05	ng	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	656192	42.80	ng	# 93
84) Di-n-octyl phthalate	14.32	149	1175844	47.51	ng	99
85) Indeno(1,2,3-cd)pyrene	16.24	276	756911	45.90	ng	98
87) Benzo(b)fluoranthene	14.67	252	1693898	80.42	ng	# 97
88) Benzo(k)fluoranthene	14.67	252	1693898	94.77	ng	# 98
89) Benzo(a)pyrene	14.98	252	814908	45.16	ng	99
90) Dibenzo(a,h)anthracene	16.25	278	624629	47.24	ng	99
91) Benzo(g,h,i)perylene	16.59	276	625785	47.02	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

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SP-1AMS

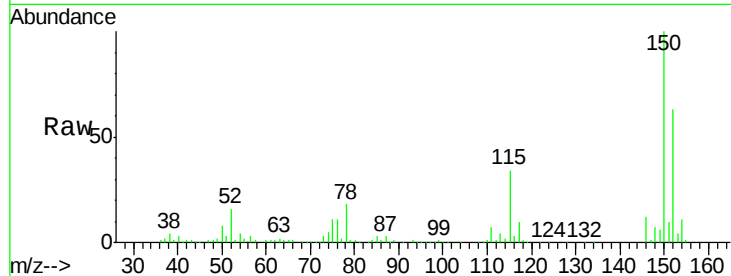
Tgt Ion: 152 Resp: 183436

Ion Ratio Lower Upper

152 100

150 158.8 127.4 191.2

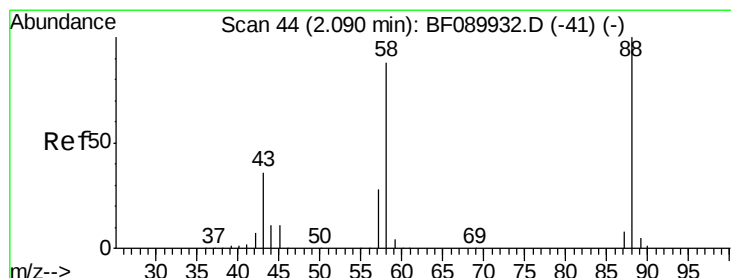
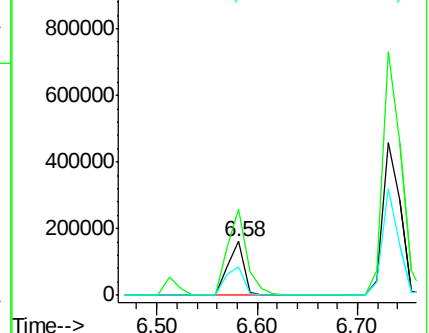
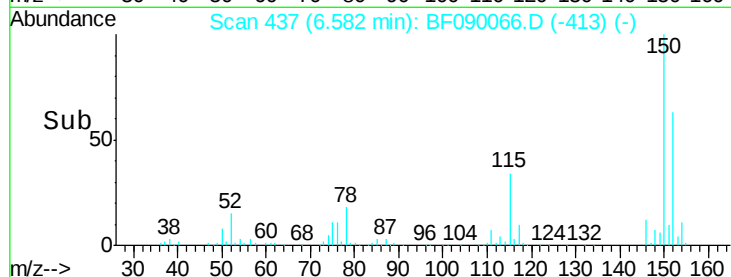
115 53.2 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.48 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.00 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

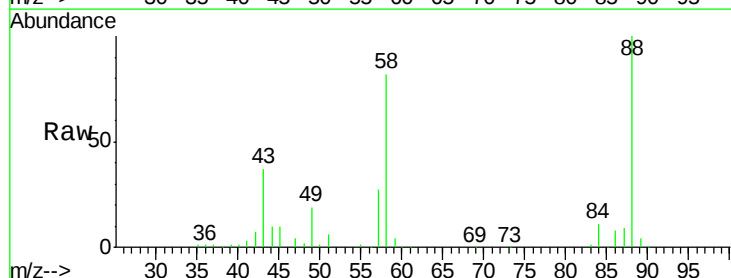
Tgt Ion: 88 Resp: 165515

Ion Ratio Lower Upper

88 100

58 87.8 68.8 103.2

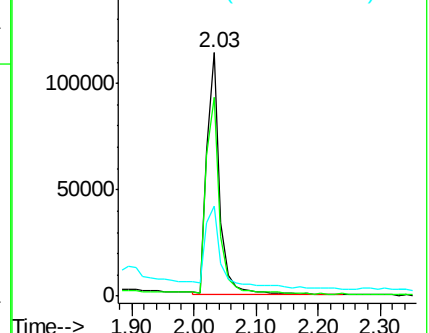
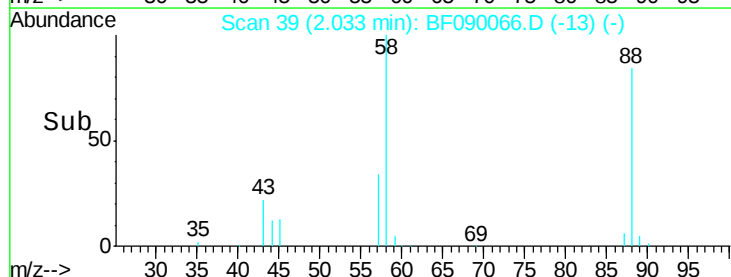
43 47.5 27.0 40.6#

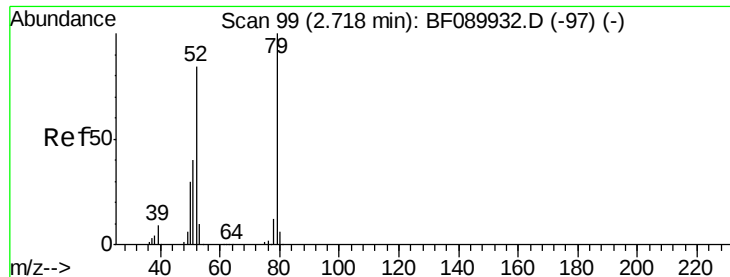


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.21 ng

RT: 2.65 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

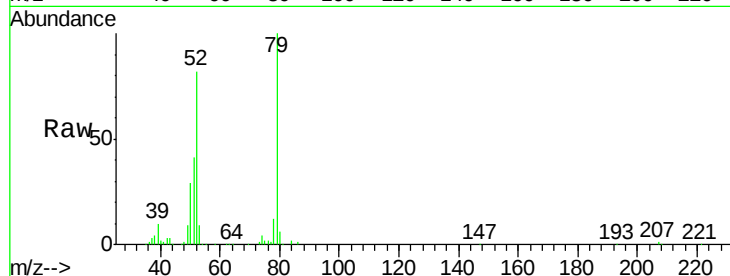
Tgt Ion: 79 Resp: 481087

Ion Ratio Lower Upper

79 100

52 81.6 67.8 101.6

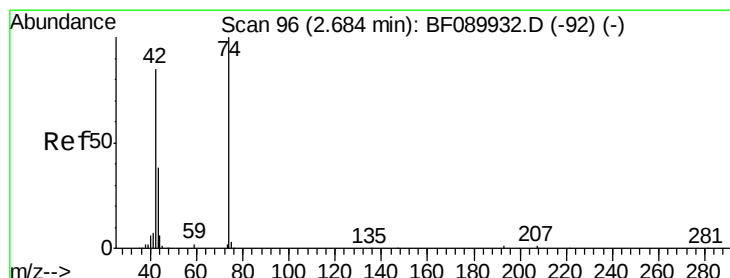
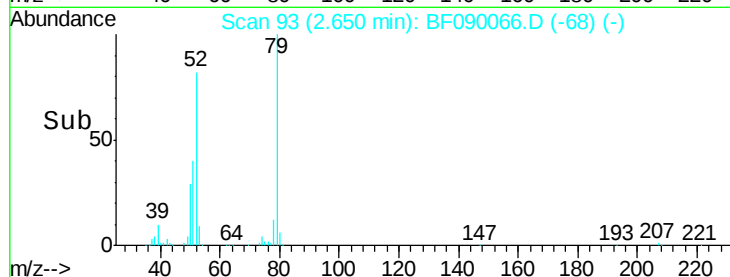
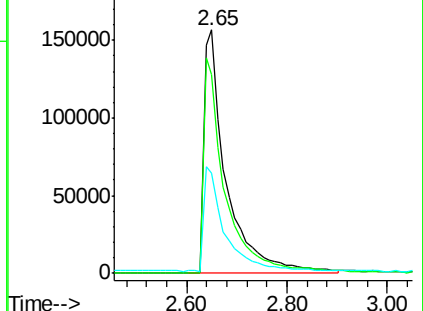
51 41.3 32.9 49.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.44 ng

RT: 2.59 min Scan# 88

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

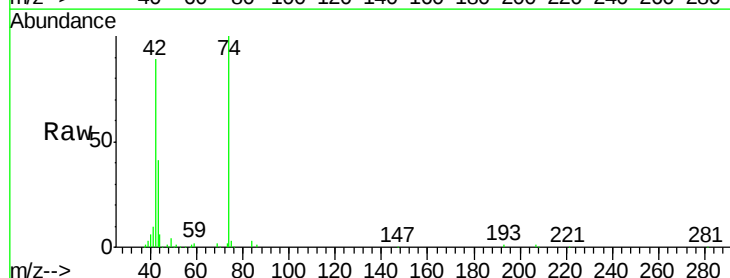
Tgt Ion: 42 Resp: 260338

Ion Ratio Lower Upper

42 100

74 112.3 92.0 138.0

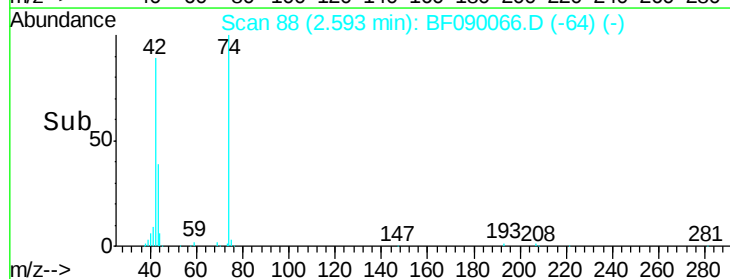
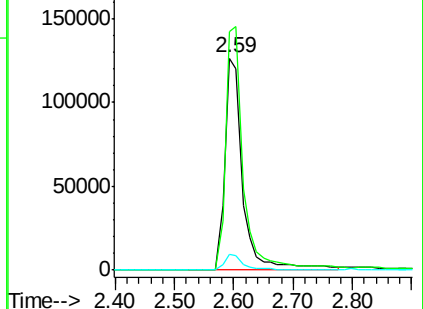
44 7.2 5.8 8.8

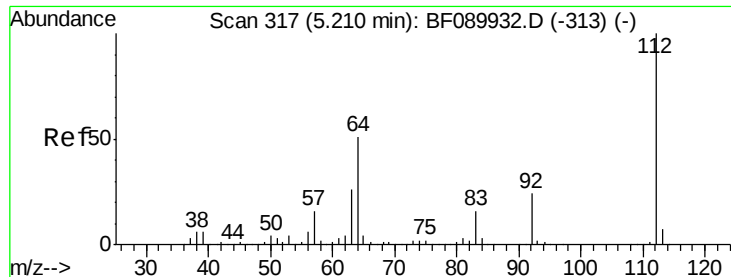


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 117.82 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

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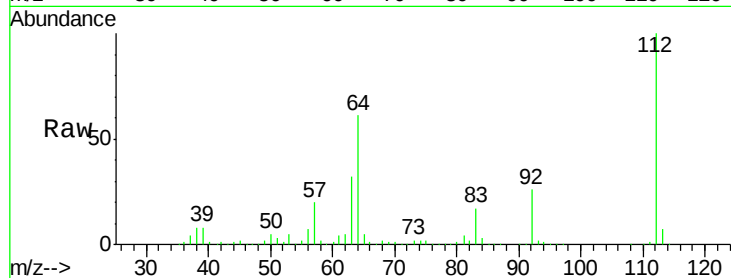
Tgt Ion: 112 Resp: 1350281

Ion Ratio Lower Upper

112 100

64 61.2 41.1 61.7

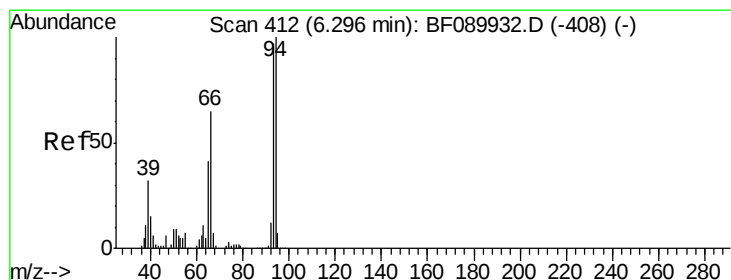
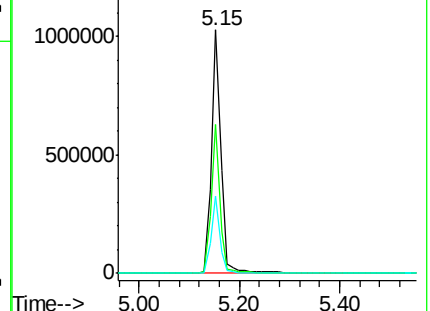
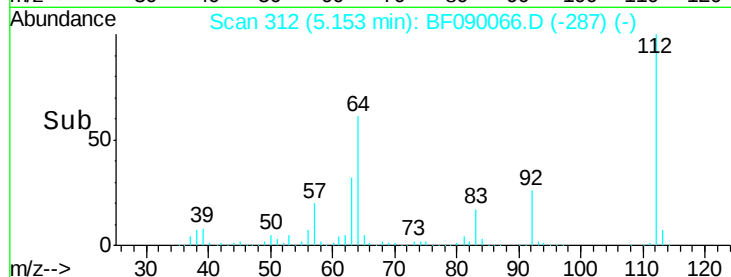
63 31.9 21.2 31.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.96 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

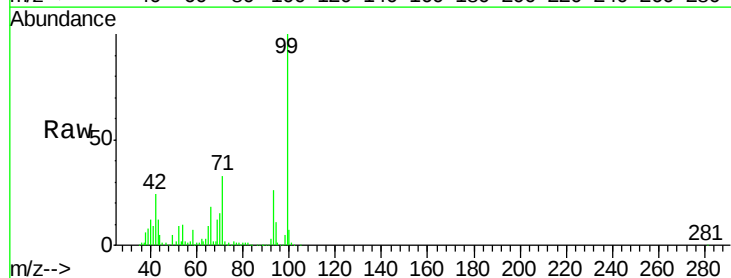
Tgt Ion: 93 Resp: 512324

Ion Ratio Lower Upper

93 100

66 72.3 52.9 79.3

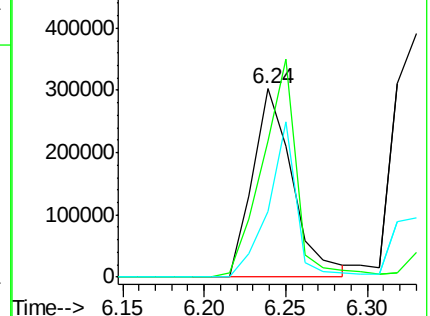
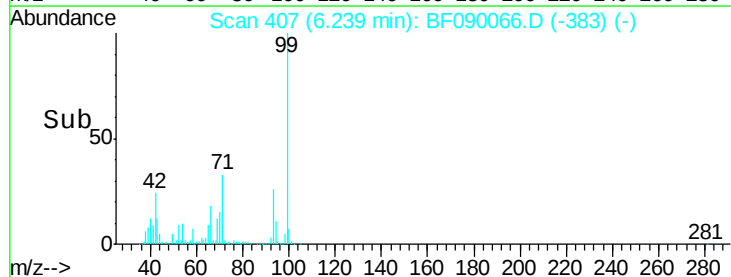
65 34.6 33.0 49.6

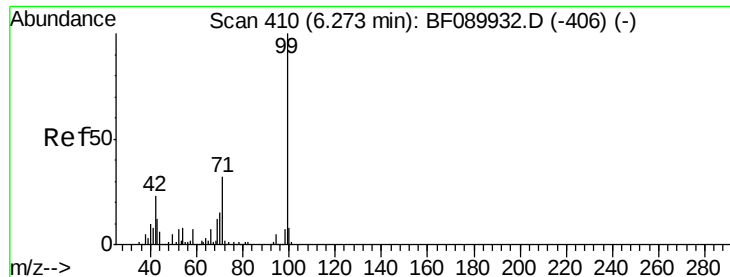


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.64 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

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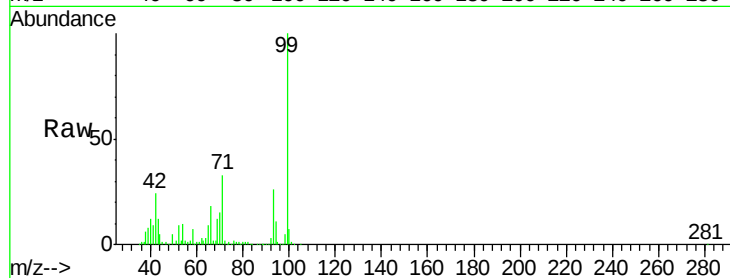
Tgt Ion: 99 Resp: 1596410

Ion Ratio Lower Upper

99 100

42 23.8 18.6 27.8

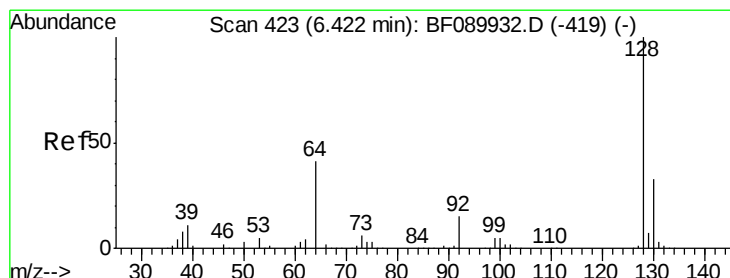
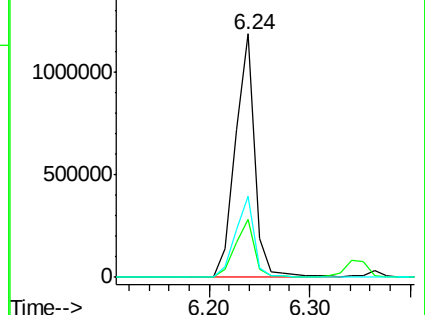
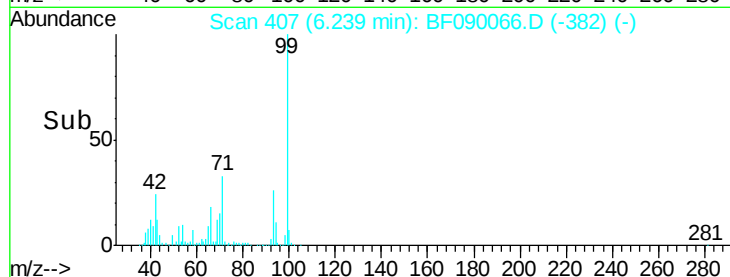
71 33.5 25.8 38.6



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: 42.60 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

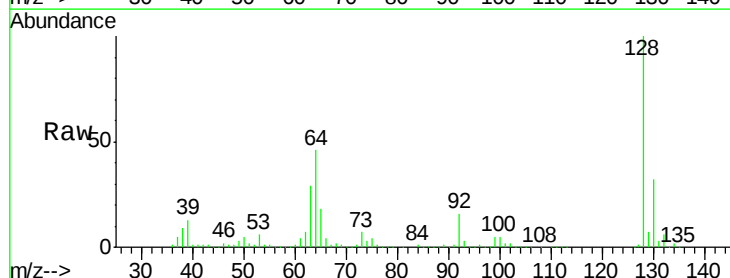
Tgt Ion: 128 Resp: 529698

Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

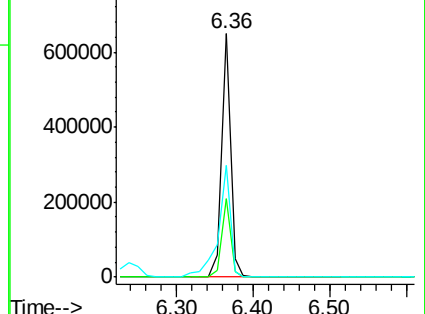
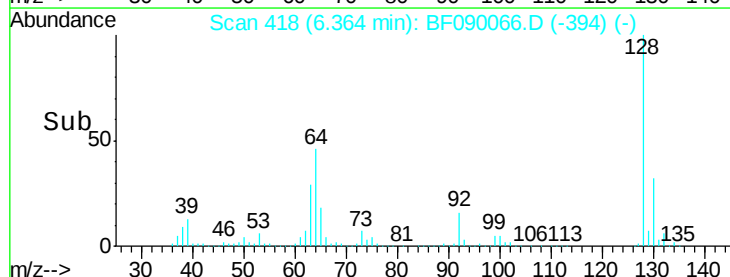
64 45.9 23.2 63.2

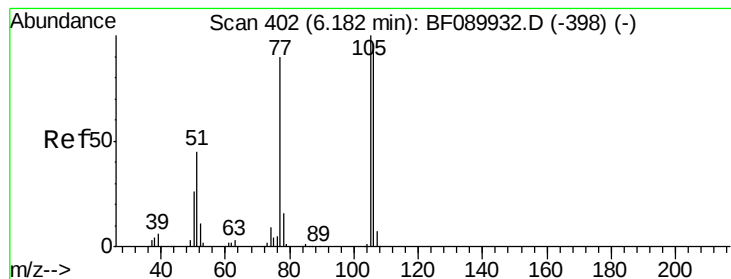


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.27 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

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ClientSampleId :

SP-1AMS

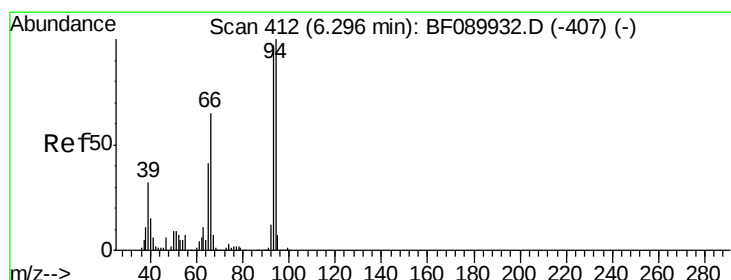
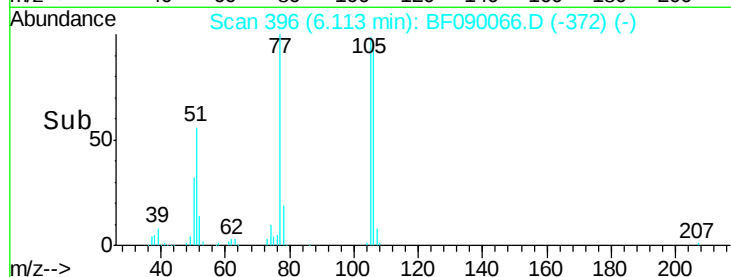
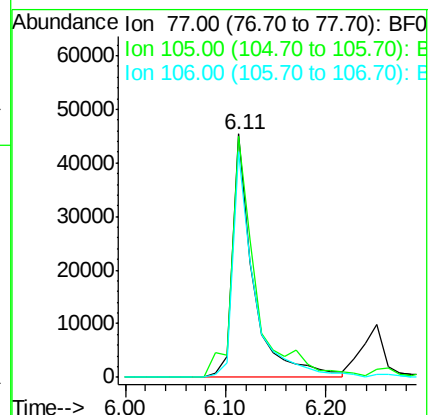
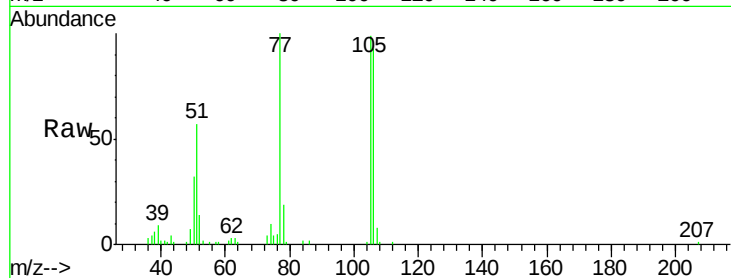
Tgt Ion: 77 Resp: 65273

Ion Ratio Lower Upper

77 100

105 98.9 85.4 125.4

106 92.8 83.4 123.4



#10

Phenol

Concen: 41.69 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

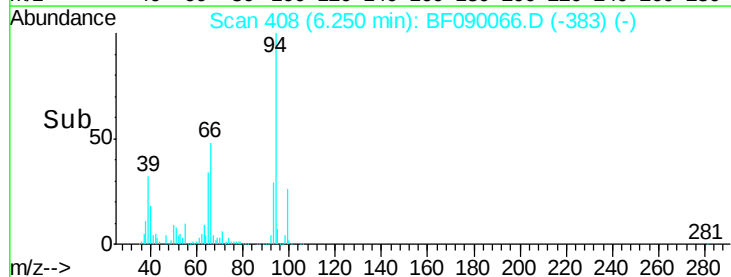
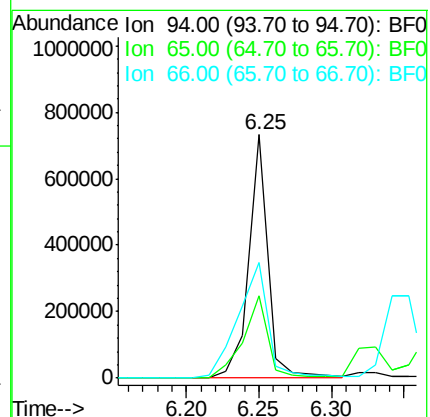
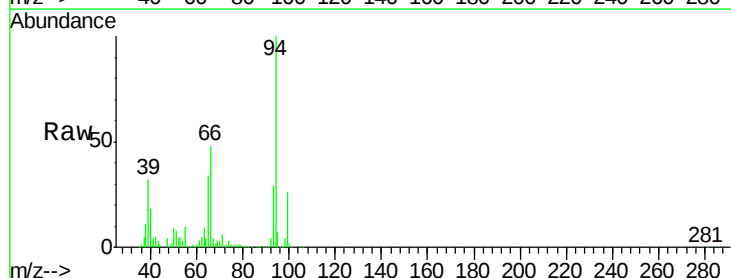
Tgt Ion: 94 Resp: 675166

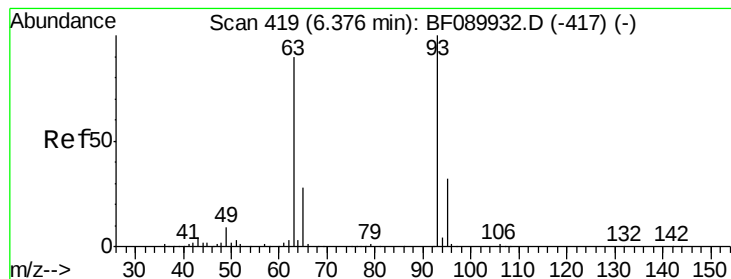
Ion Ratio Lower Upper

94 100

65 34.0 23.2 63.2

66 47.7 49.2 89.2#





#11

bis(2-Chloroethyl)ether

Concen: 45.93 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

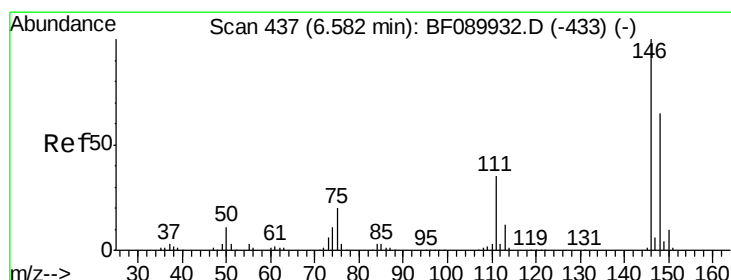
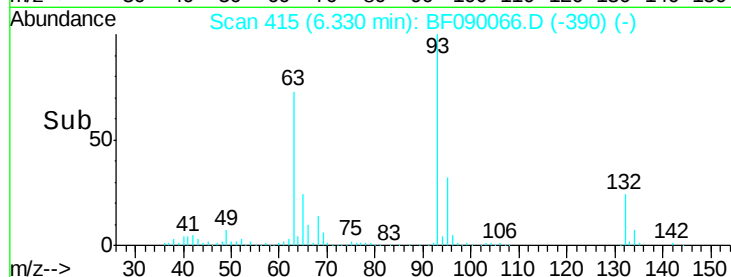
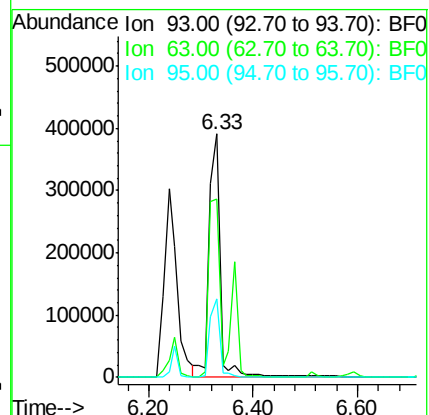
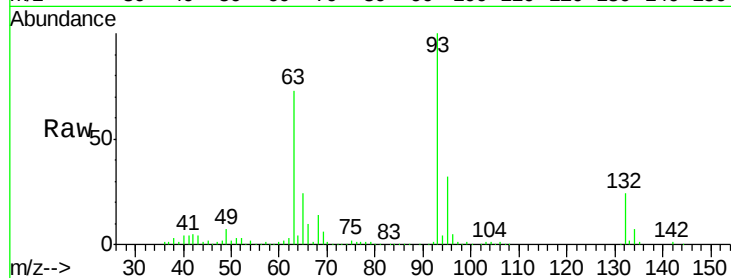
Tgt Ion: 93 Resp: 562851

Ion Ratio Lower Upper

93 100

63 73.5 71.1 111.1

95 32.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 35.53 ng

RT: 6.75 min Scan# 452

Delta R.T. 0.22 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

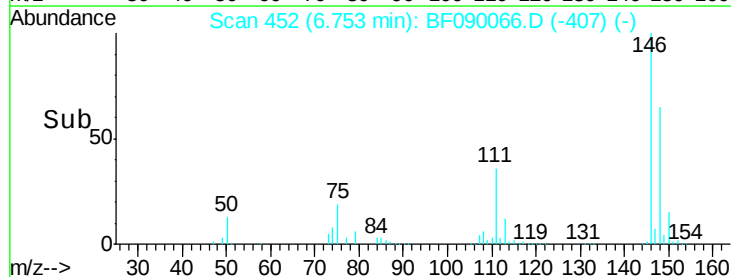
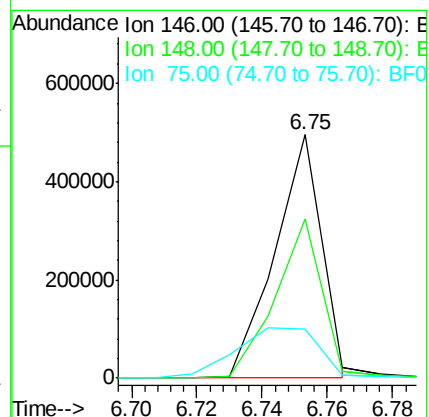
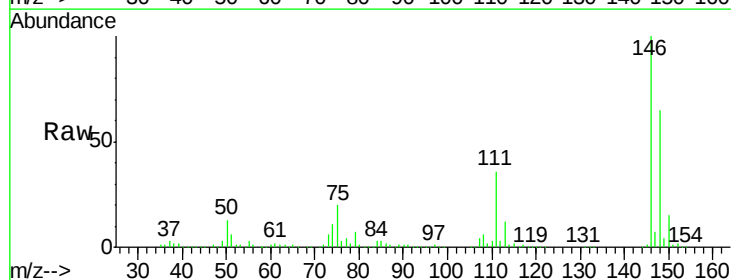
Tgt Ion: 146 Resp: 493375

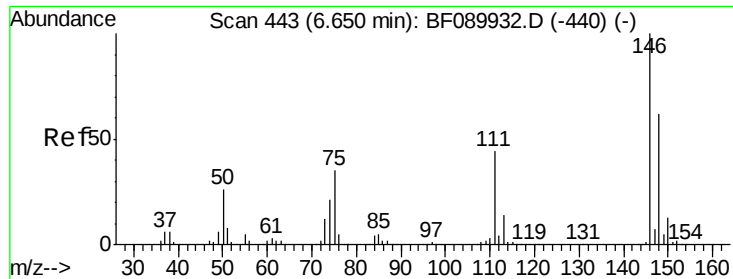
Ion Ratio Lower Upper

146 100

148 65.2 52.5 78.7

75 20.2 16.6 24.8

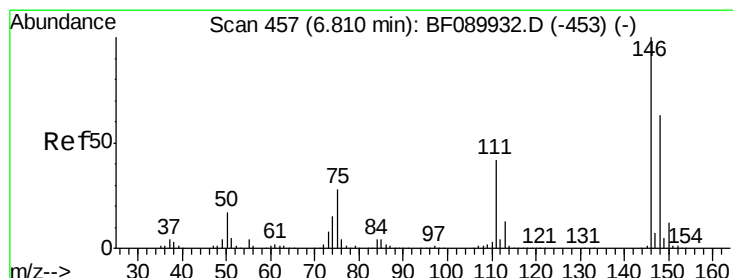
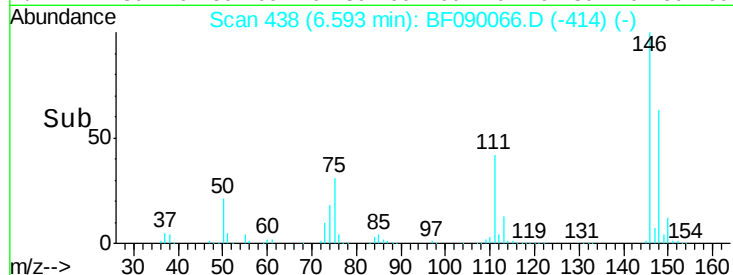
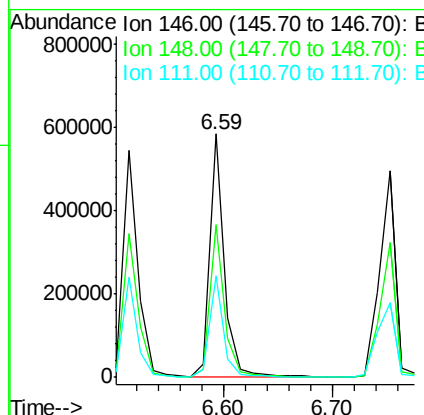
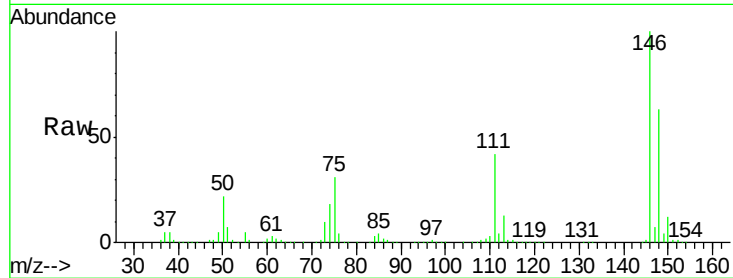




#13
 1,4-Dichlorobenzene
 Concen: 38.94 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

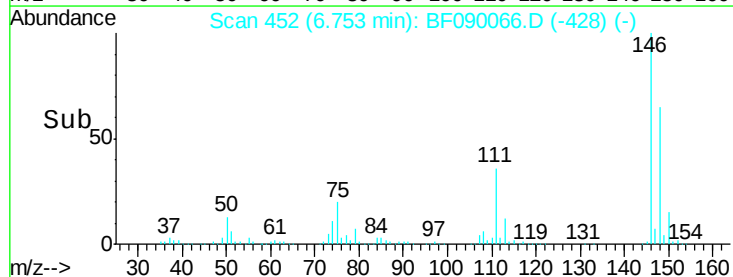
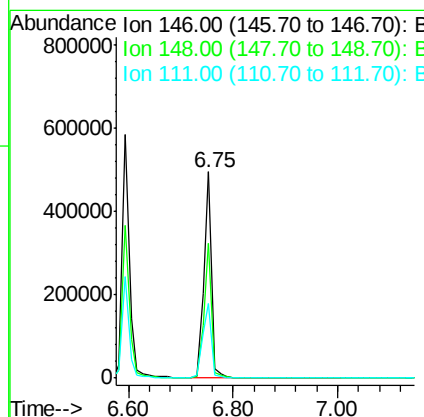
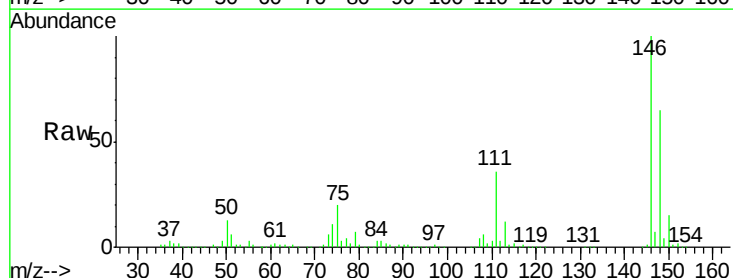
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

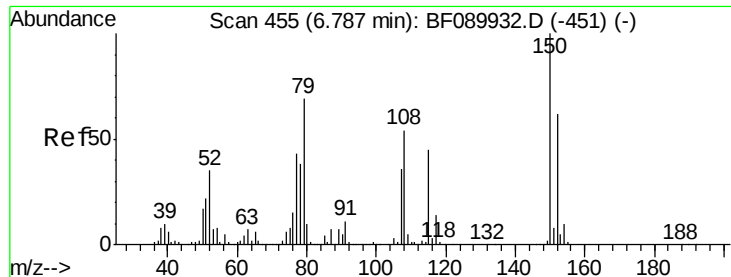
Tgt Ion:146 Resp: 553234
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.1 75.1
 111 41.8 35.8 53.6



#14
 1,2-Dichlorobenzene
 Concen: 40.37 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:146 Resp: 514190
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.4 77.2
 111 36.5 34.6 51.8





#15

Benzyl Alcohol

Concen: 41.50 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

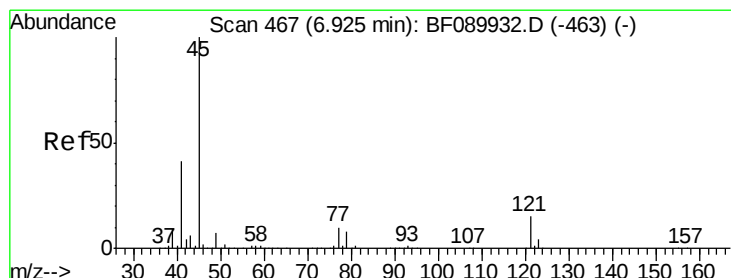
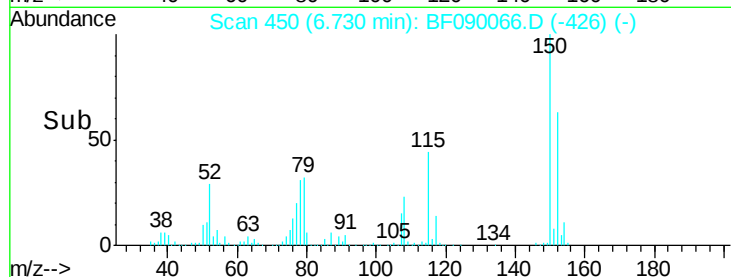
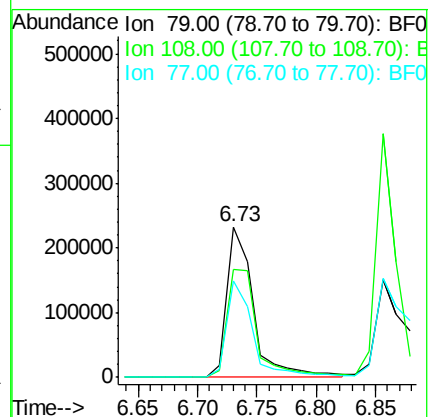
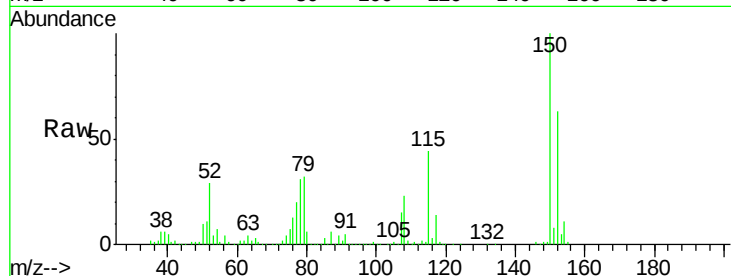
Tgt Ion: 79 Resp: 362053

Ion Ratio Lower Upper

79 100

108 72.1 62.1 93.1

77 63.8 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.43 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

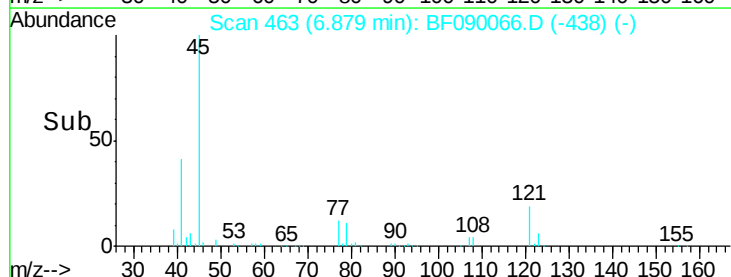
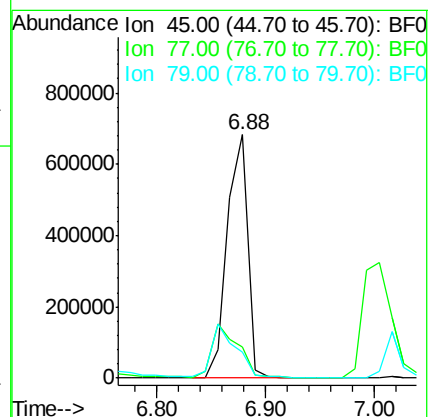
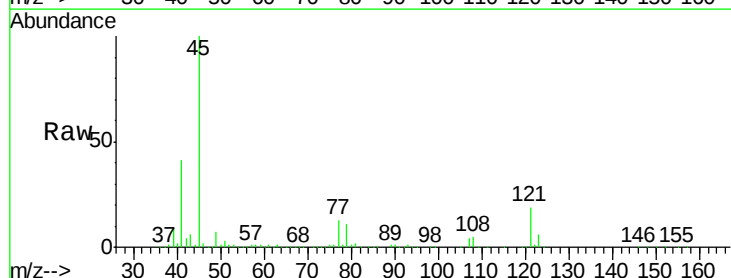
Tgt Ion: 45 Resp: 897881

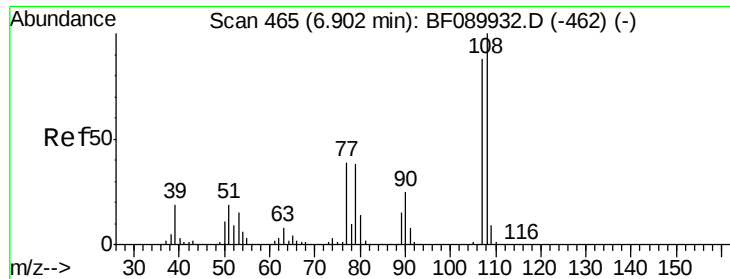
Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.3

79 10.6 0.0 27.5

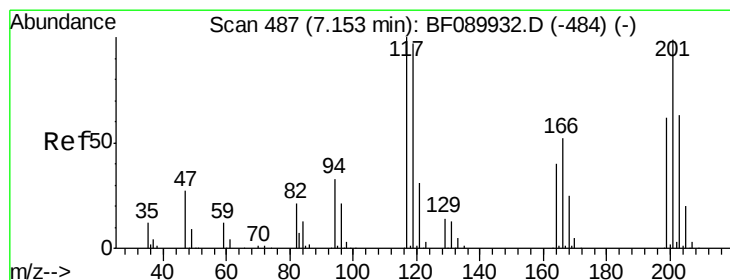
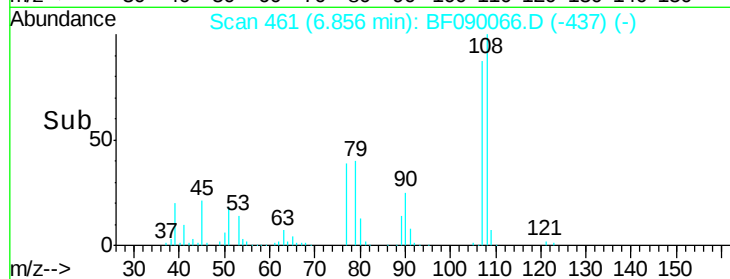
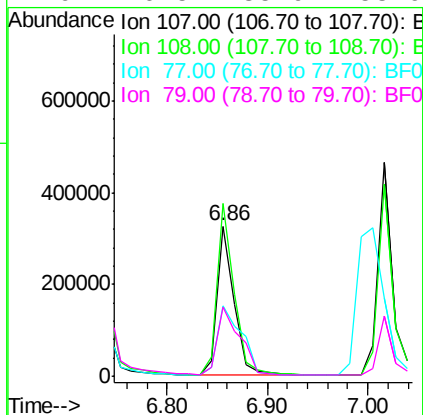
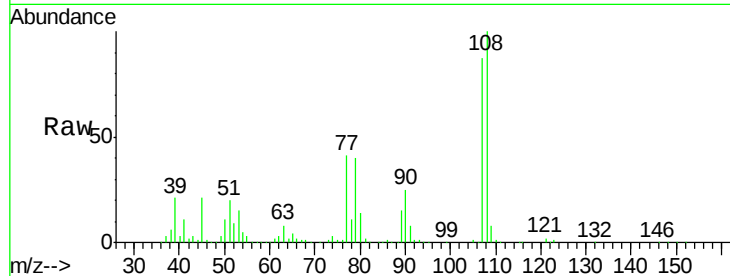




#17
2-Methylphenol
Concen: 38.54 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

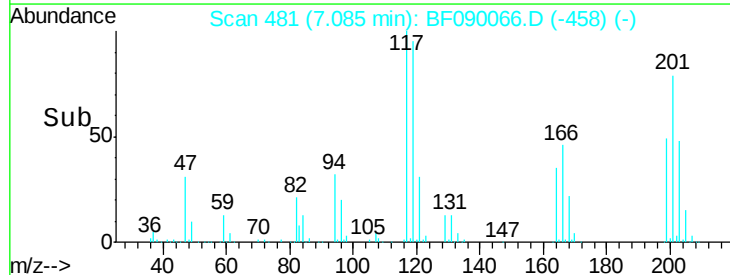
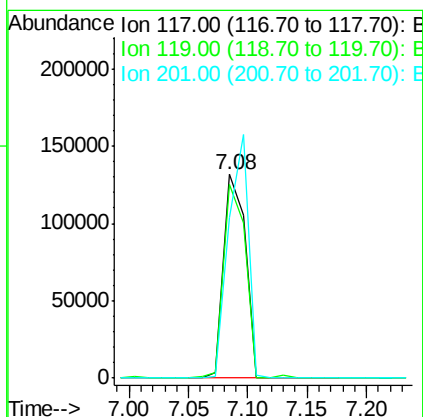
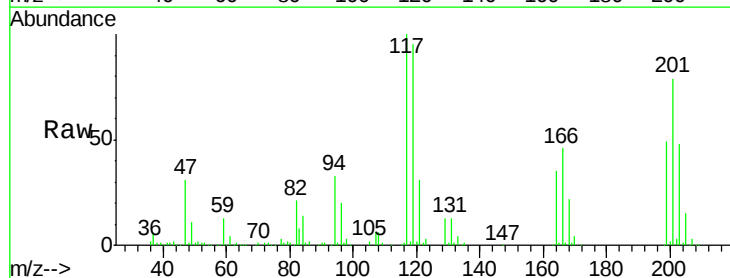
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

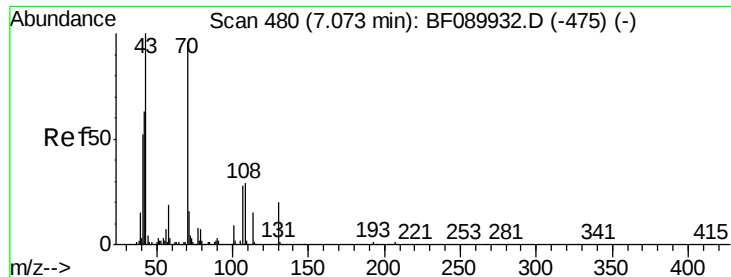
Tgt Ion:107 Resp: 382714
Ion Ratio Lower Upper
107 100
108 115.2 91.8 137.6
77 47.1 36.0 54.0
79 46.5 35.9 53.9



#18
Hexachloroethane
Concen: 34.19 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:117 Resp: 166392
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2
201 78.5 80.2 120.2#

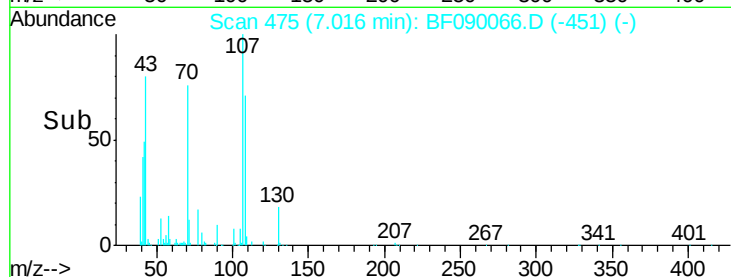
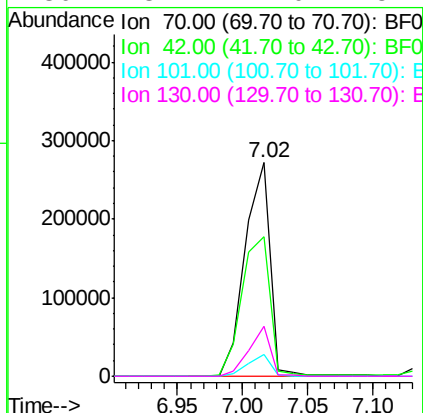
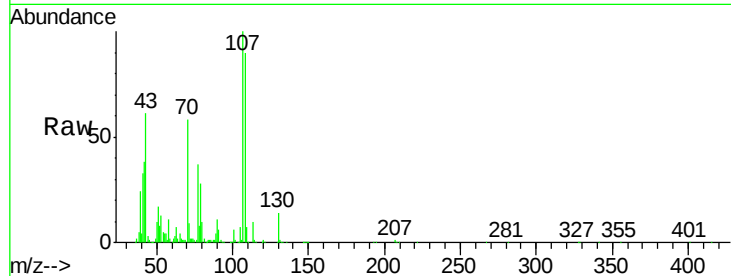




#19
n-Nitroso-di-n-propylamine
Concen: 40.08 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

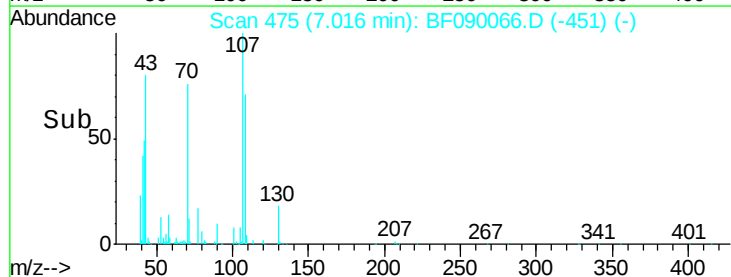
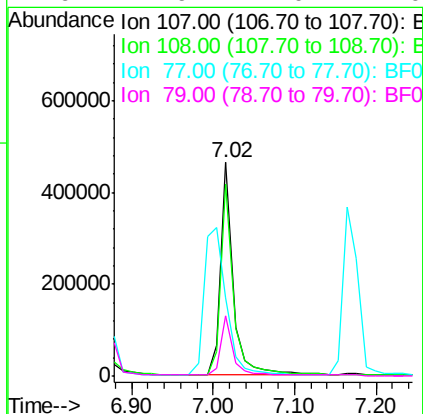
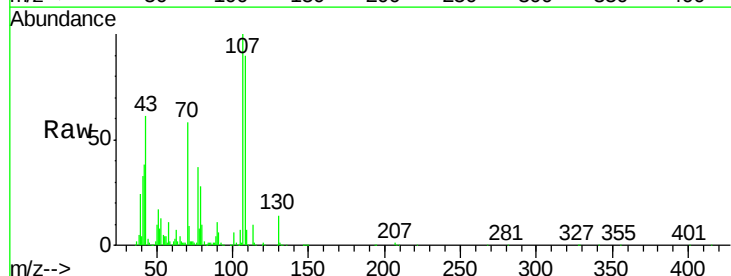
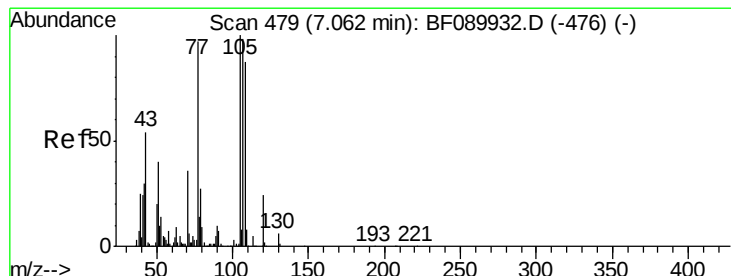
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

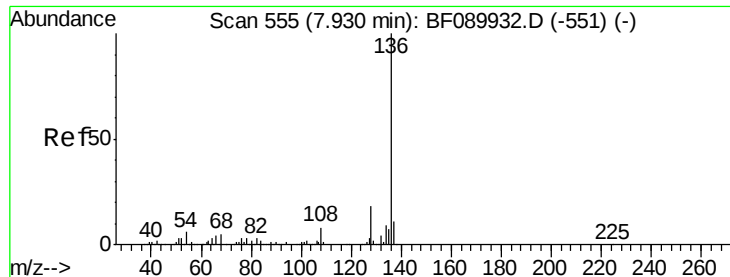
Tgt Ion:	70	Resp:	363738
Ion	Ratio	Lower	Upper
70	100		
42	65.4	52.1	78.1
101	10.2	7.4	11.2
130	23.2	17.0	25.4



#20
3+4-Methylphenols
Concen: 41.39 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:	107	Resp:	498214
Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.2	110.2
77	36.6	75.7	115.7#
79	27.9	7.0	47.0

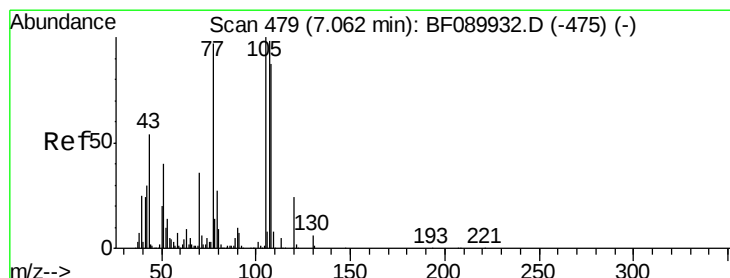
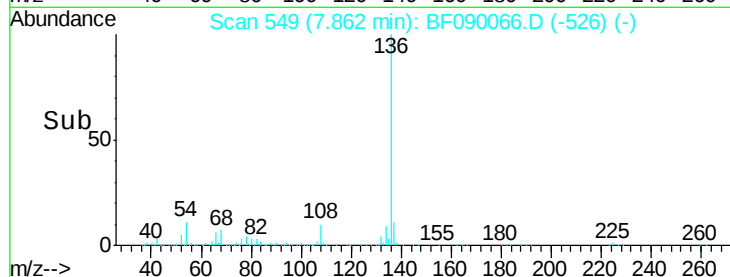
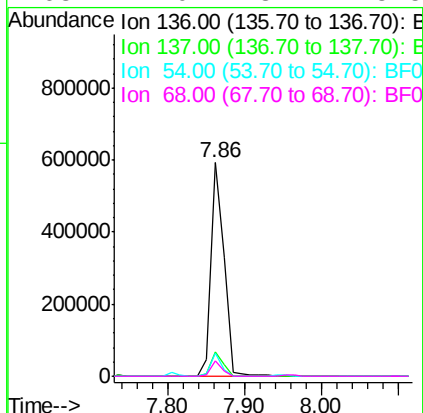
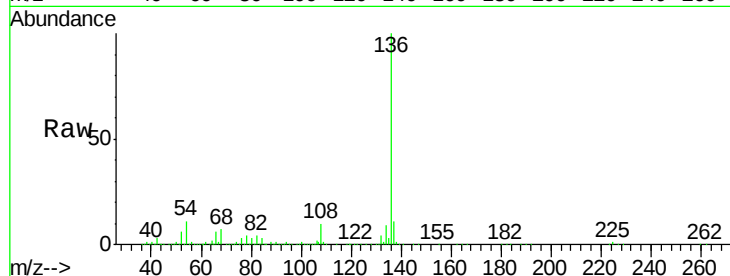




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

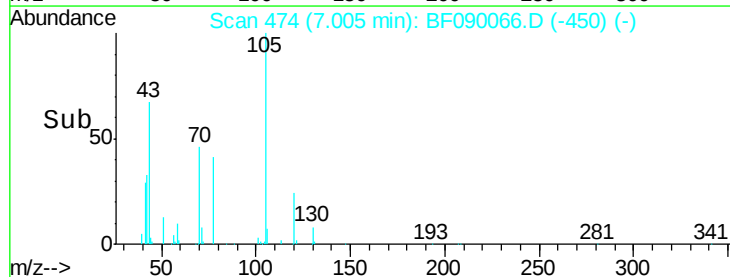
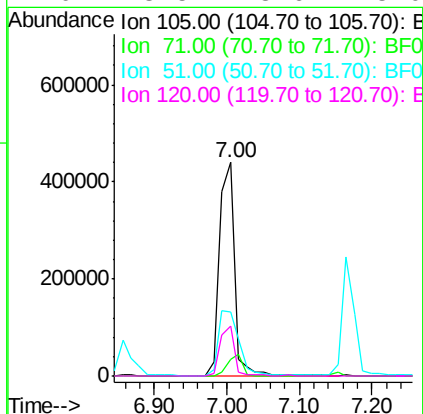
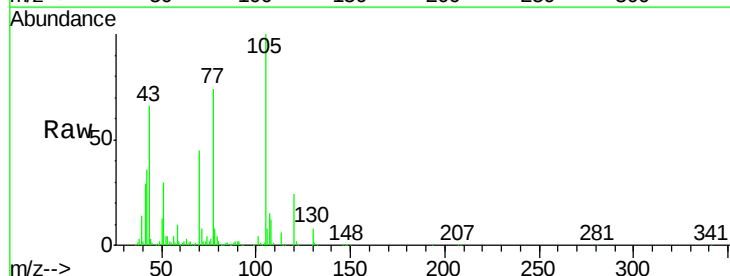
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

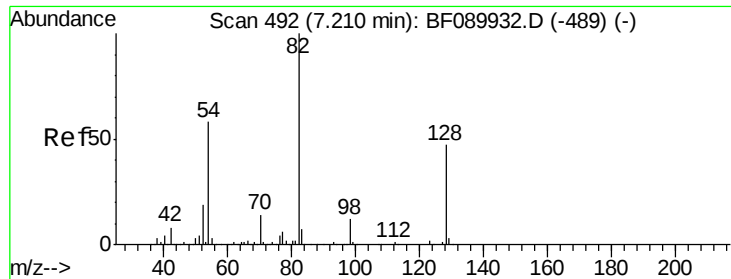
Tgt Ion:	136	Resp:	690002
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.3	12.5
54	10.7	4.8	7.2#
68	7.0	3.7	5.5#



#22
Acetophenone
Concen: 41.56 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:	105	Resp:	643308
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.3	7.9
51	30.2	32.6	48.8#
120	23.5	18.6	28.0

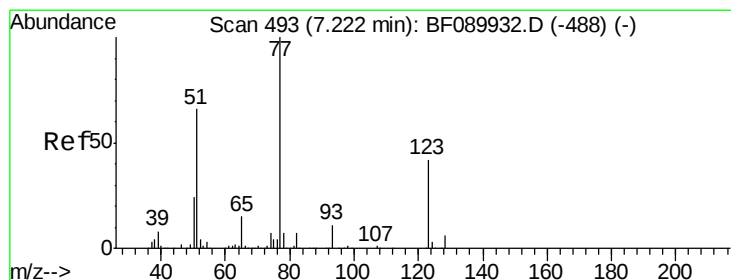
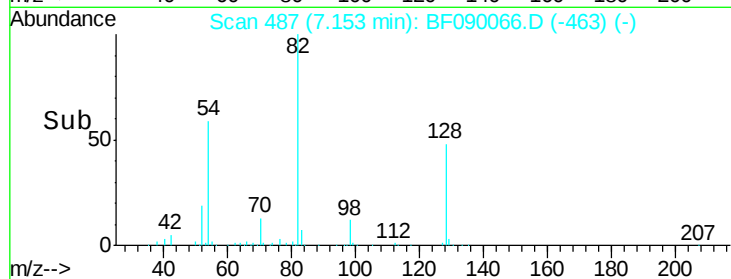
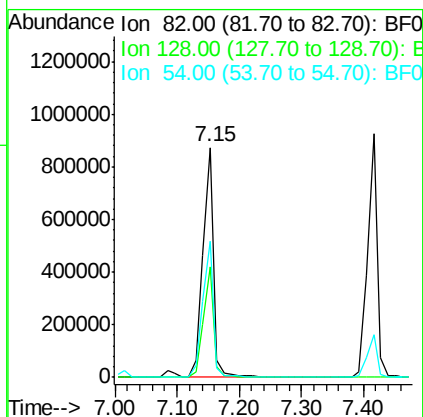
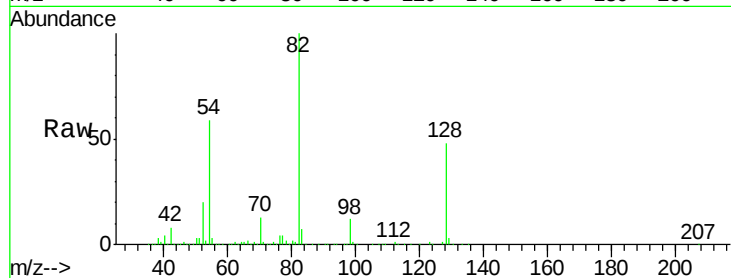




#23
 Nitrobenzene-d5
 Concen: 88.36 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

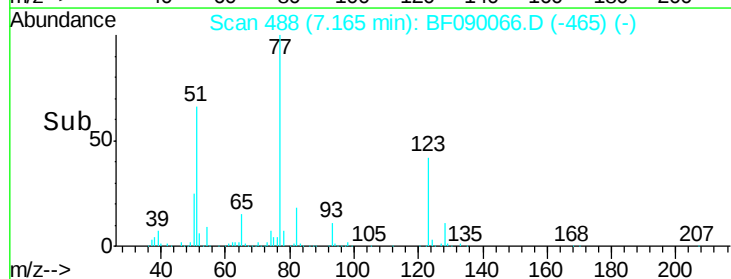
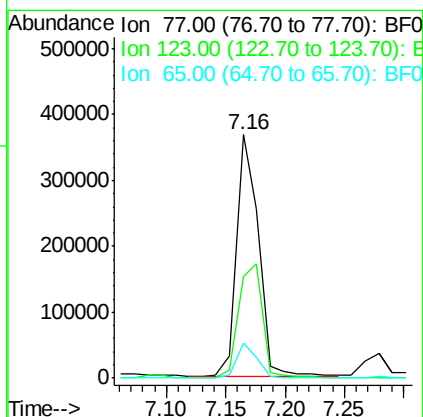
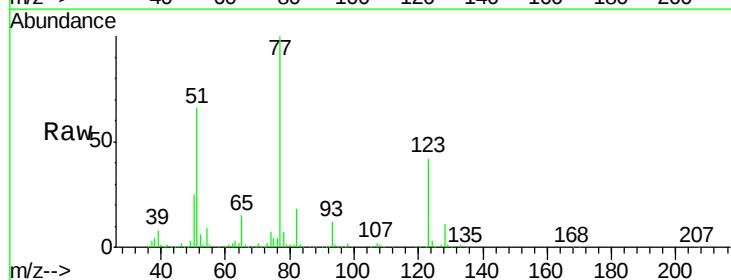
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

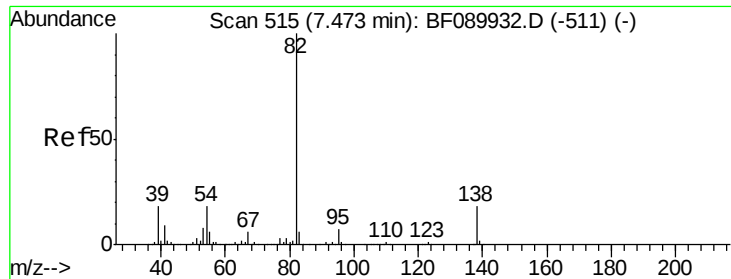
Tgt Ion: 82 Resp: 1051204
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.8 56.8
 54 59.3 46.9 70.3



#24
 Nitrobenzene
 Concen: 37.87 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.03 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion: 77 Resp: 479029
 Ion Ratio Lower Upper
 77 100
 123 41.9 32.0 48.0
 65 14.6 11.2 16.8





#25

Isophorone

Concen: 40.18 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

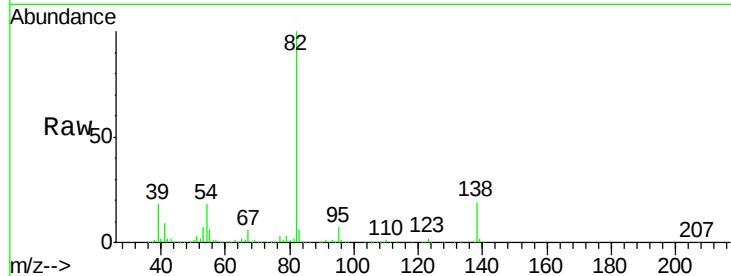
Tgt Ion: 82 Resp: 972071

Ion Ratio Lower Upper

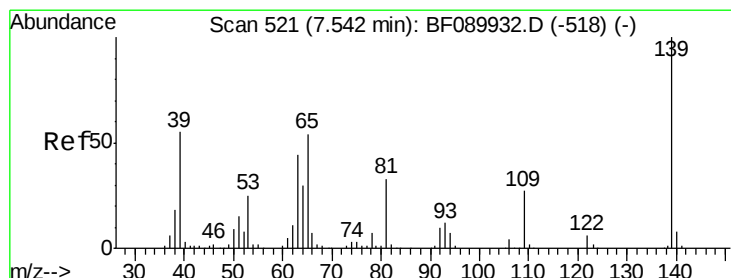
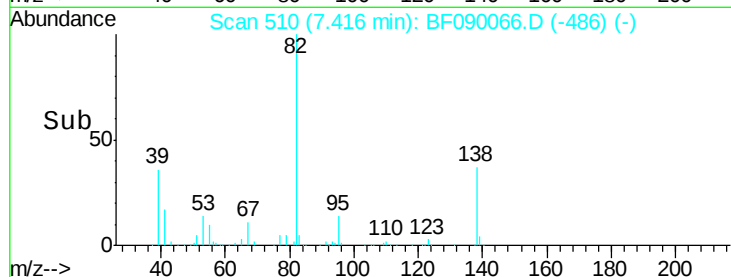
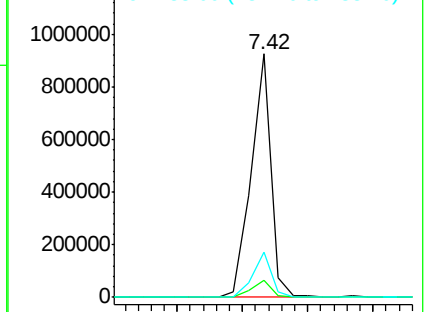
82 100

95 7.0 5.5 8.3

138 18.5 14.4 21.6



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: 41.63 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

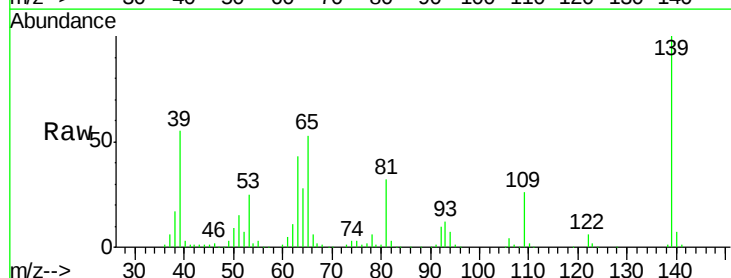
Tgt Ion: 139 Resp: 251701

Ion Ratio Lower Upper

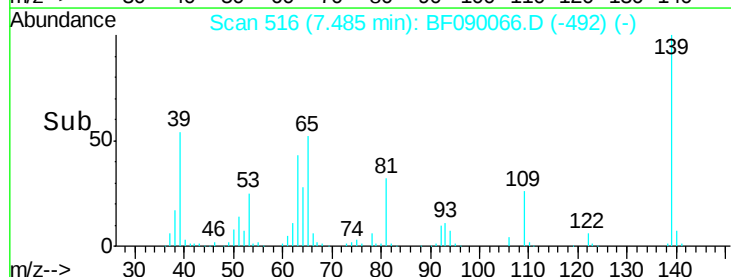
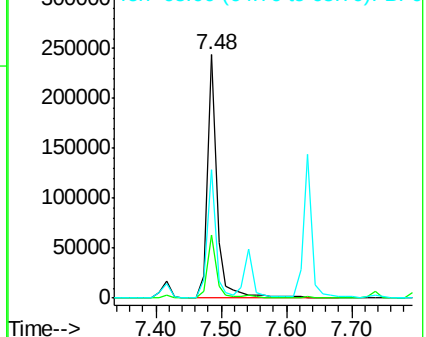
139 100

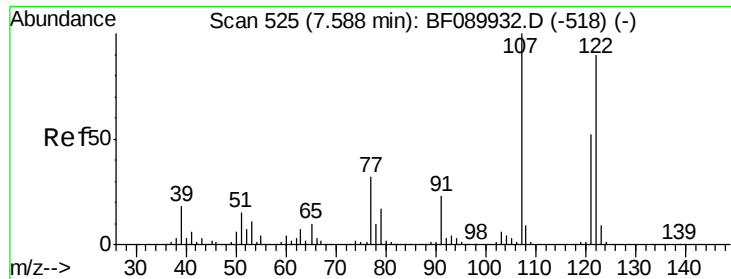
109 25.8 21.0 31.4

65 52.6 43.4 65.0



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

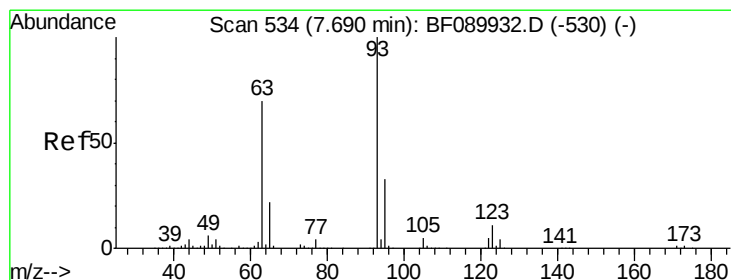
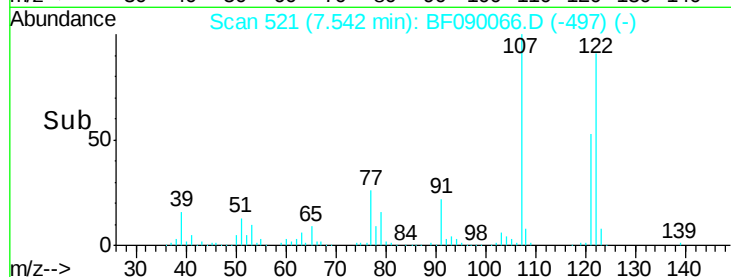
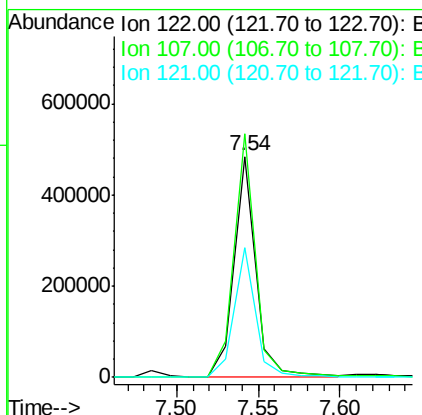
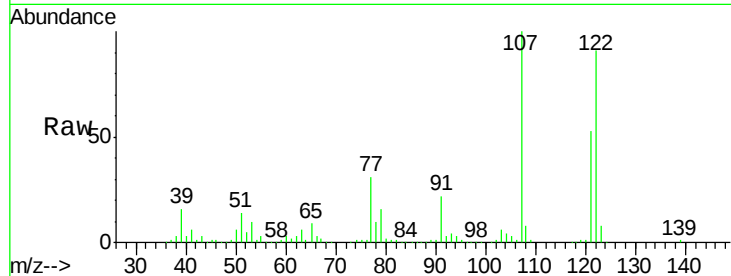




#27
 2,4-Dimethylphenol
 Concen: 39.37 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

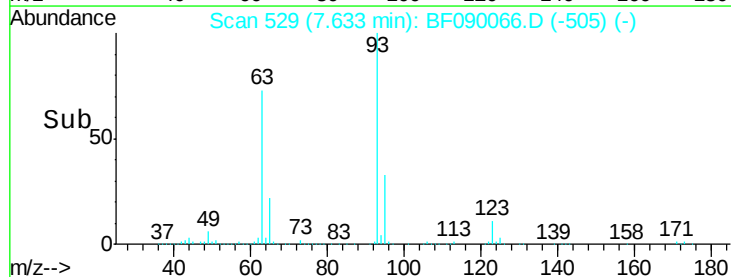
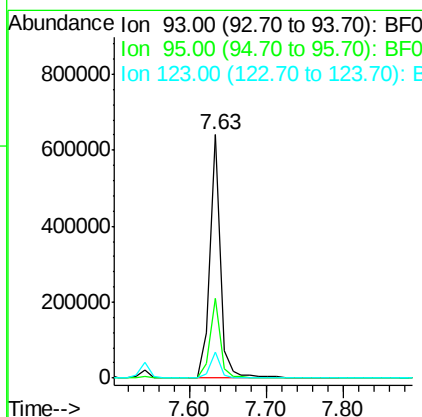
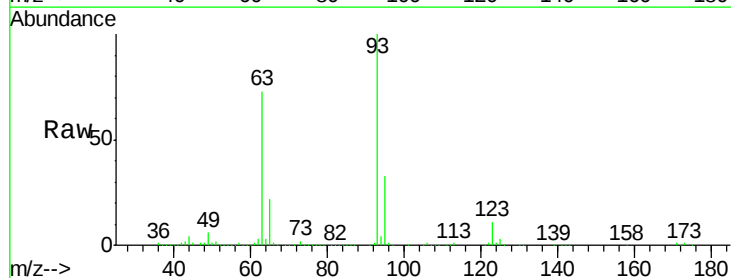
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

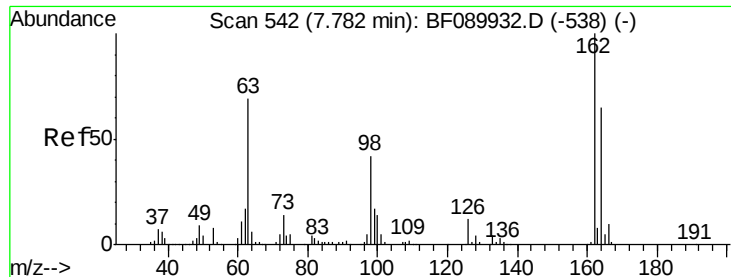
Tgt Ion:122 Resp: 440297
 Ion Ratio Lower Upper
 122 100
 107 110.4 88.5 132.7
 121 58.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.66 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion: 93 Resp: 607971
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.6 40.0
 123 10.6 9.1 13.7

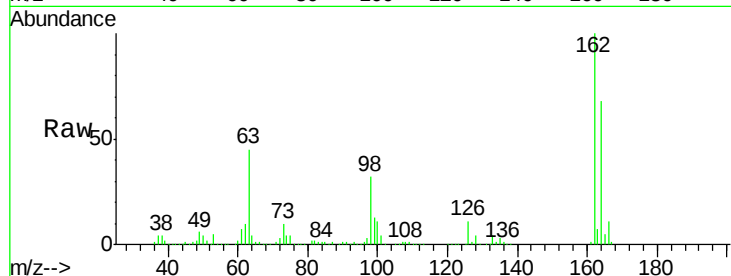




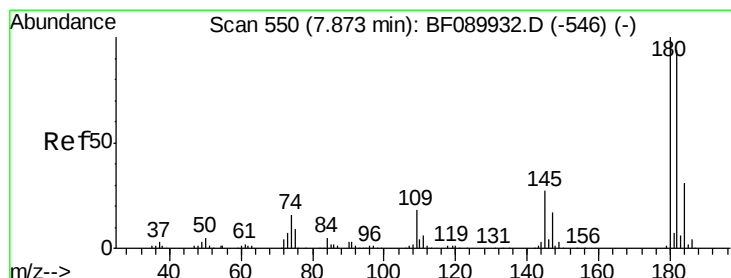
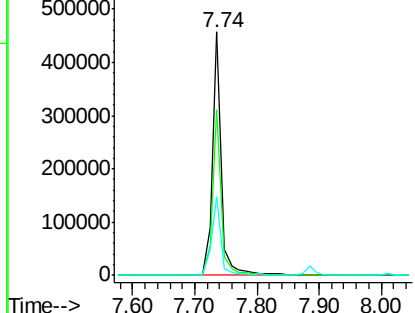
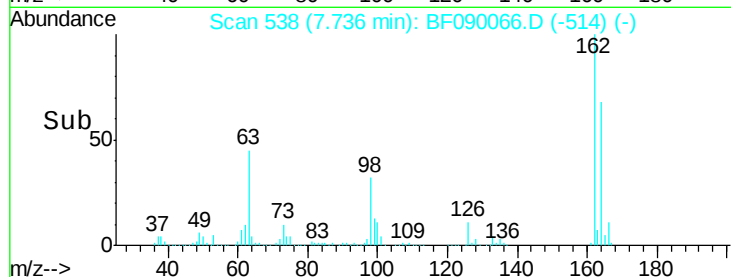
#29
 2,4-Dichlorophenol
 Concen: 44.97 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.8	46.6	86.6
98	32.4	22.0	62.0

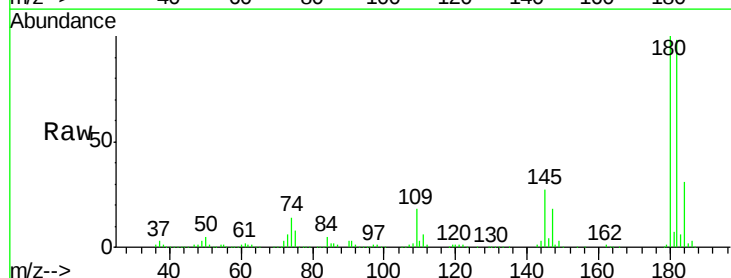


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

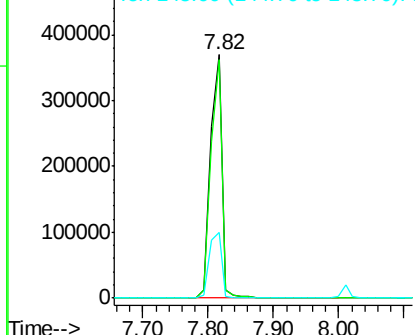
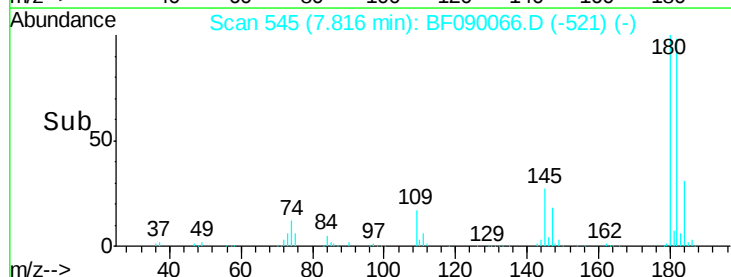


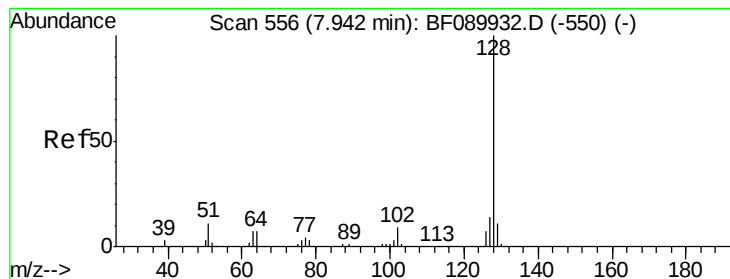
#30
 1,2,4-Trichlorobenzene
 Concen: 42.17 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.2	114.2
145	27.2	22.2	33.4



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: 39.15 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

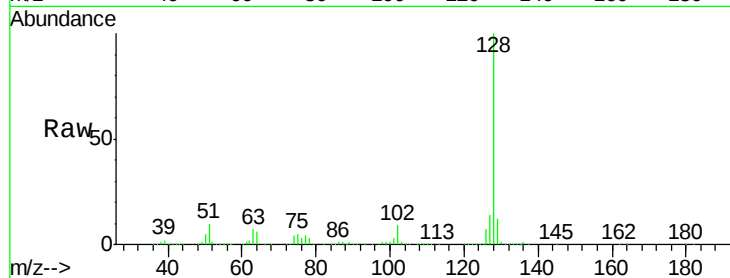
Tgt Ion:128 Resp: 1345800

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

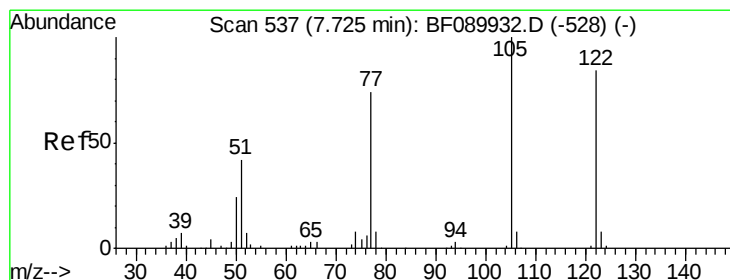
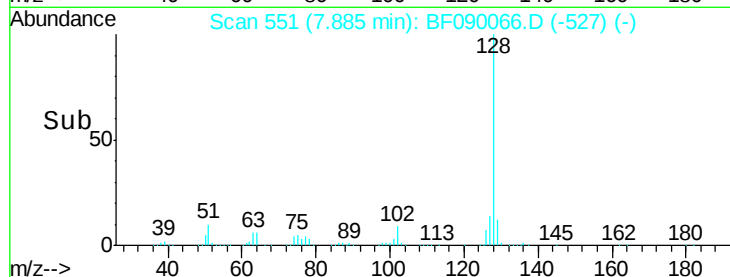
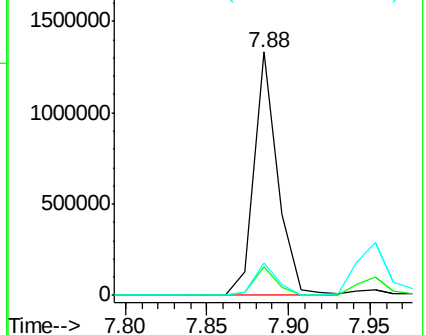
127 13.6 10.7 16.1



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: 58.44 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.17 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

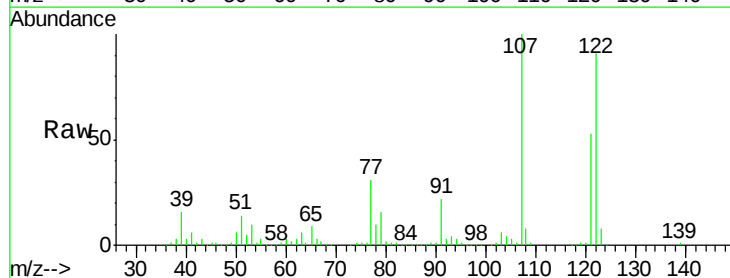
Tgt Ion:122 Resp: 440297

Ion Ratio Lower Upper

122 100

105 3.7 102.2 142.2#

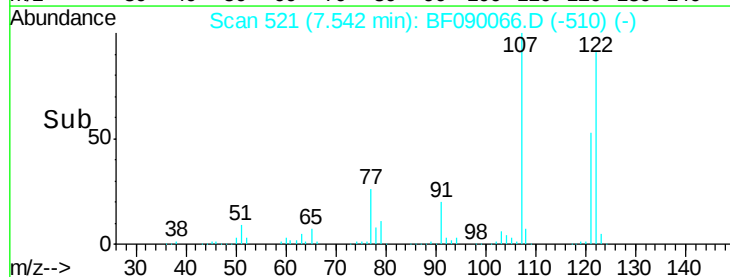
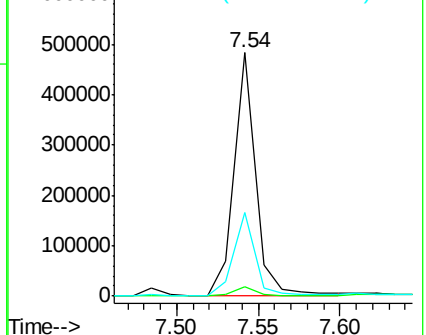
77 34.3 74.1 114.1#

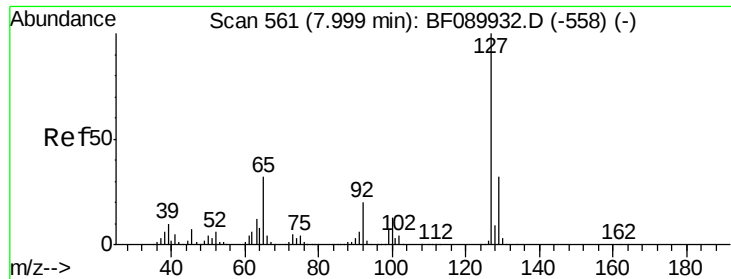


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

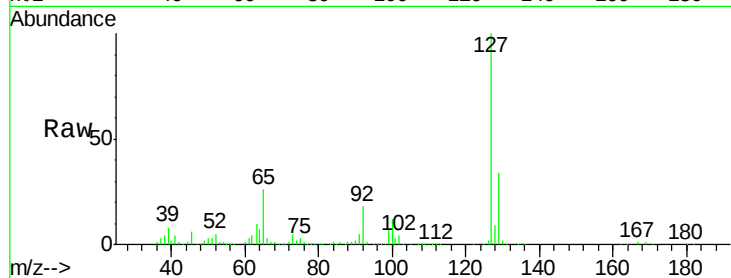




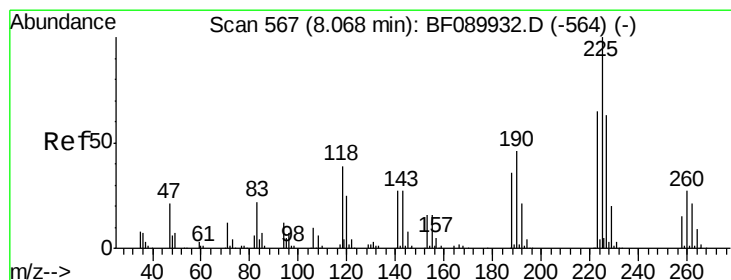
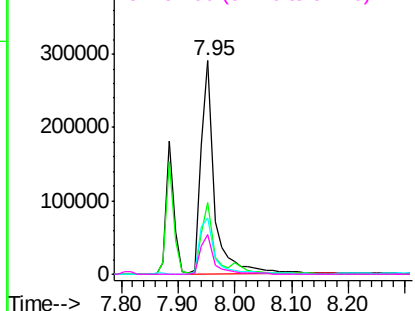
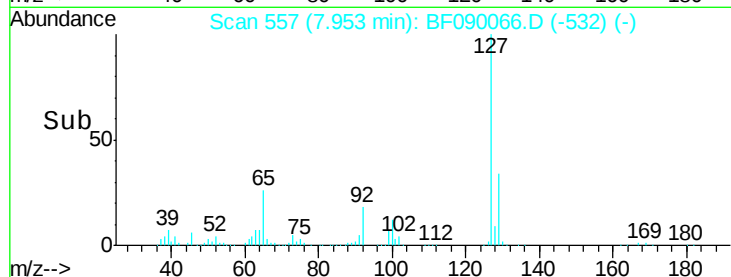
#33
 4-Chloroaniline
 Concen: 33.32 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:	127	Resp:	462130
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	26.4	26.0	39.0
92	18.3	15.9	23.9

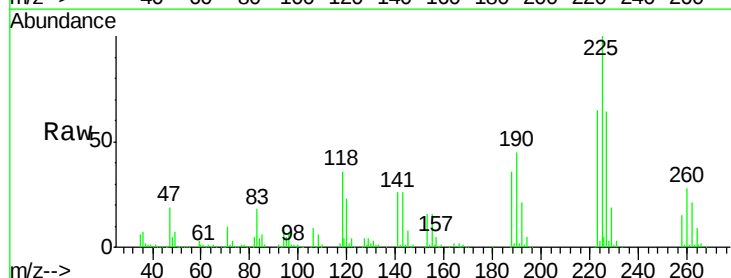


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

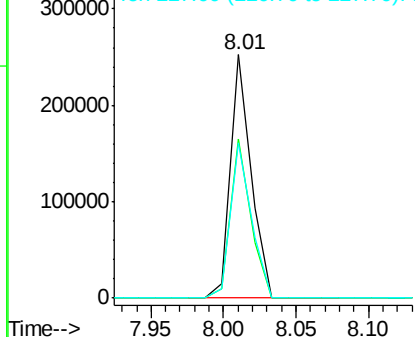
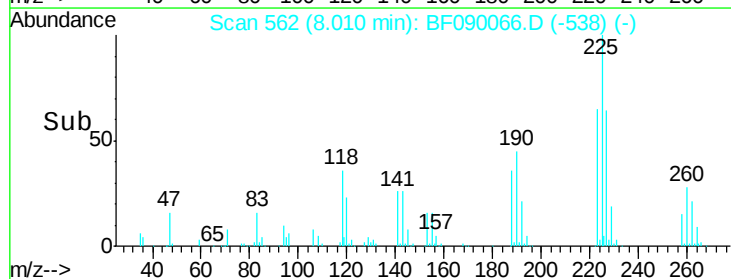


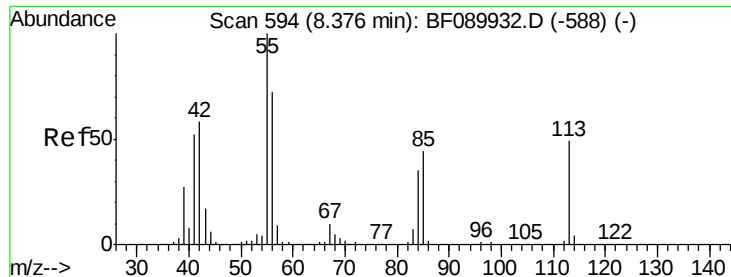
#34
 Hexachlorobutadiene
 Concen: 38.84 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:	225	Resp:	249533
Ion	Ratio	Lower	Upper
225	100		
223	65.2	52.6	78.8
227	63.8	50.8	76.2



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

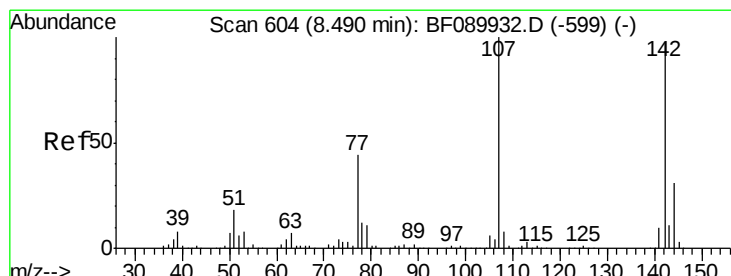
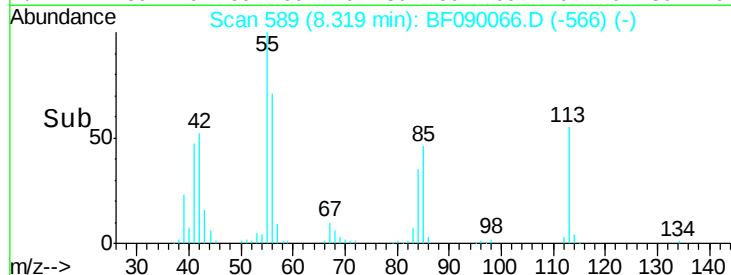
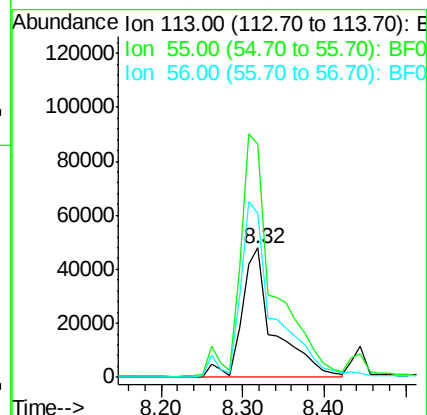
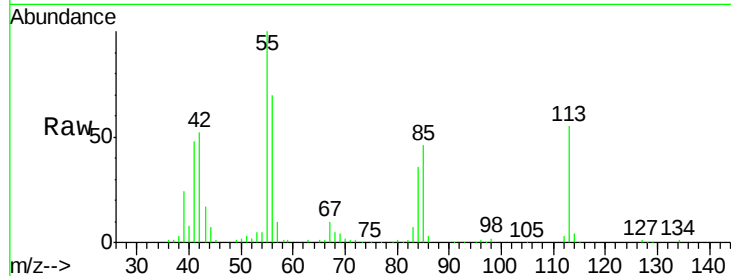




#35
 Caprolactam
 Concen: 41.33 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

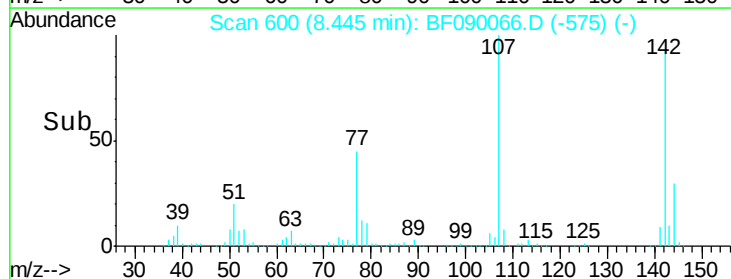
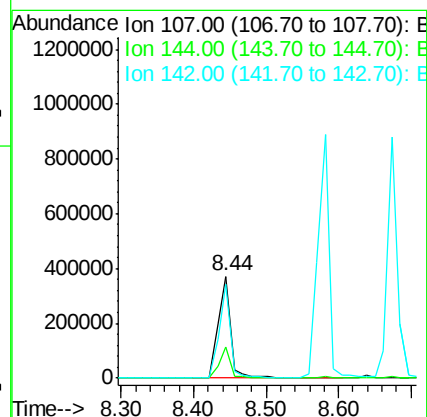
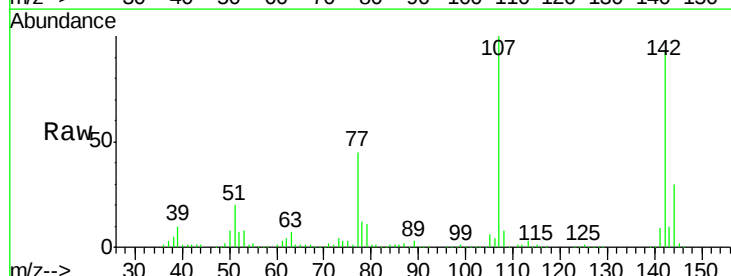
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

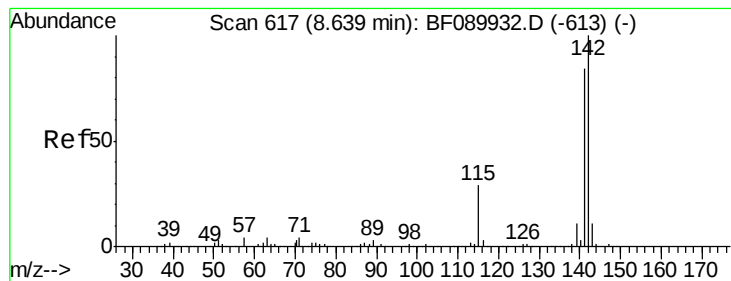
Tgt Ion:113 Resp: 130810
 Ion Ratio Lower Upper
 113 100
 55 180.8 178.5 218.5
 56 127.0 122.7 162.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.90 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:107 Resp: 444911
 Ion Ratio Lower Upper
 107 100
 144 30.1 25.8 38.8
 142 92.8 79.2 118.8





#37

2-Methylnaphthalene

Concen: 41.86 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

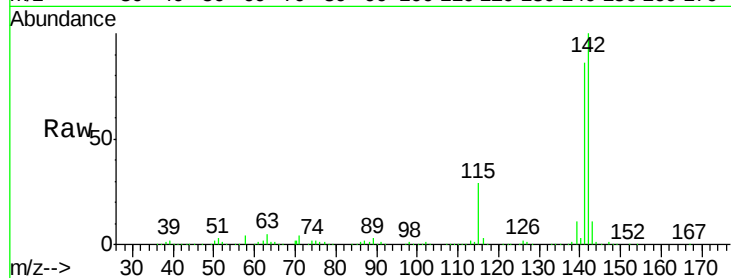
Tgt Ion:142 Resp: 950946

Ion Ratio Lower Upper

142 100

141 85.6 68.3 102.5

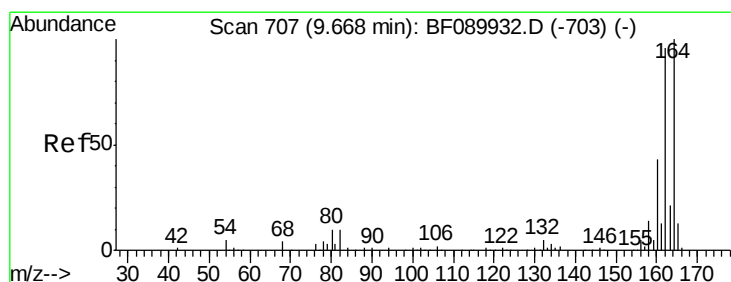
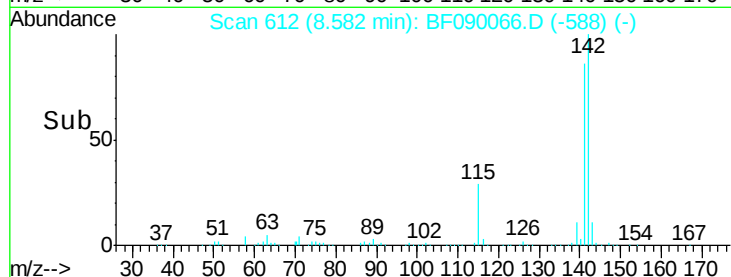
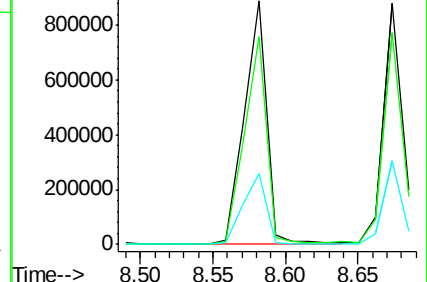
115 29.3 23.8 35.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

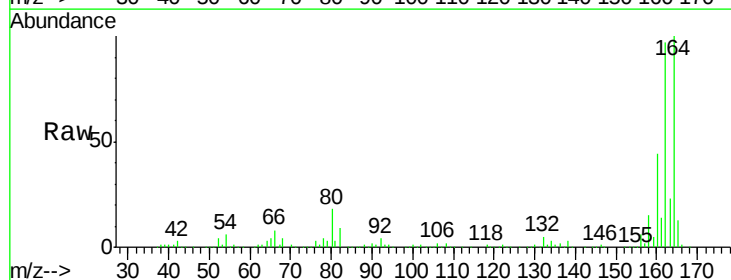
Tgt Ion:164 Resp: 321953

Ion Ratio Lower Upper

164 100

162 97.5 77.1 115.7

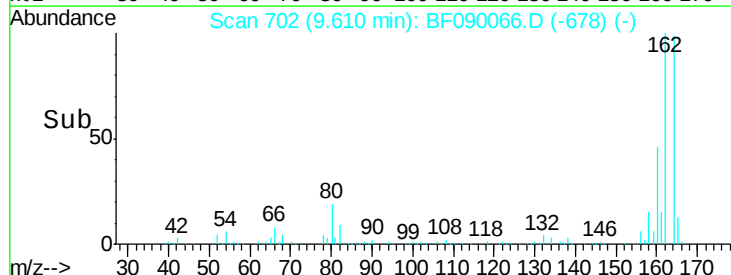
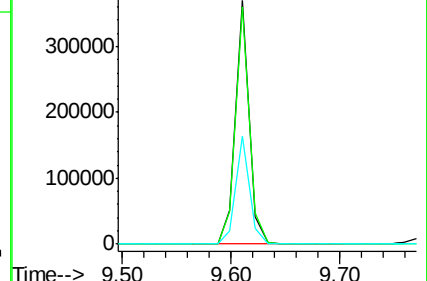
160 44.4 35.3 52.9

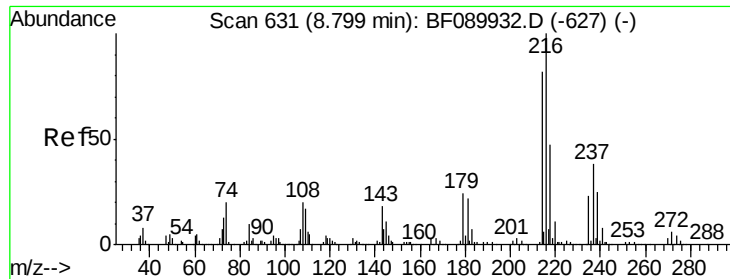


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

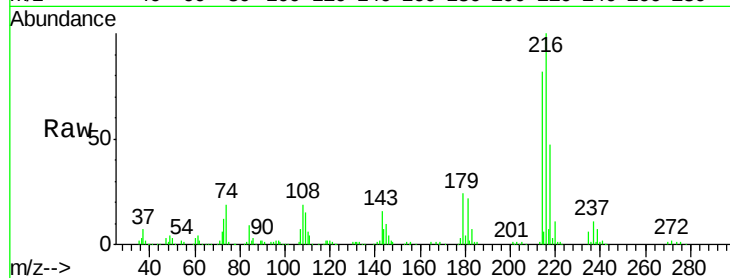




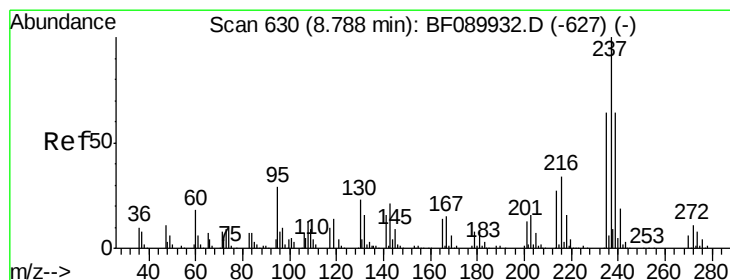
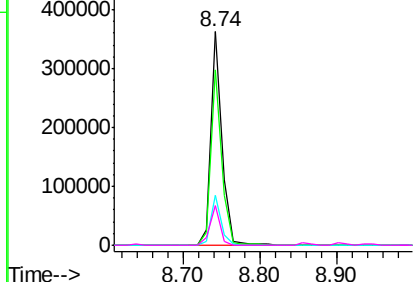
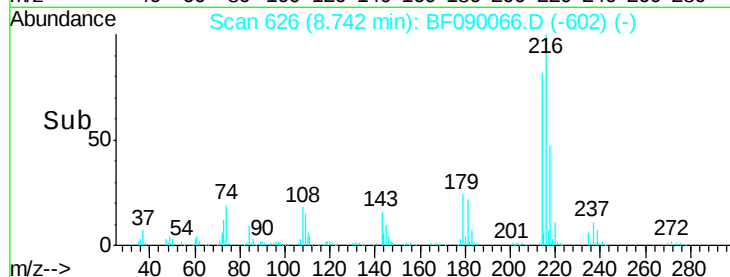
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.89 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:	216	Resp:	357398
Ion	Ratio	Lower	Upper
216	100		
214	80.8	63.4	95.2
179	21.6	17.3	25.9
108	17.4	15.5	23.3

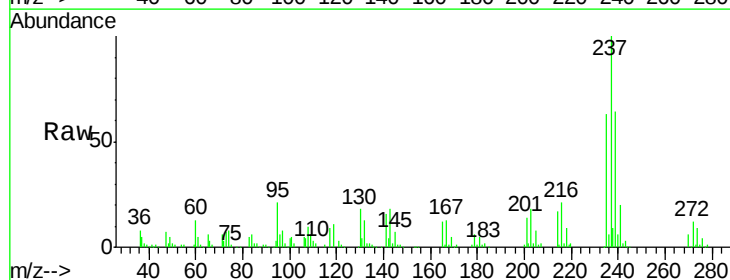


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

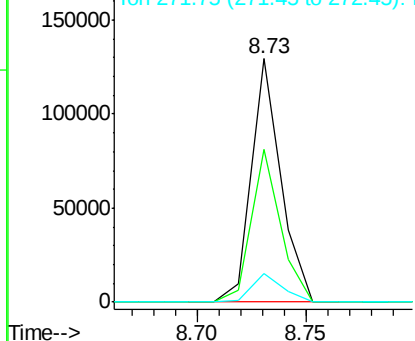
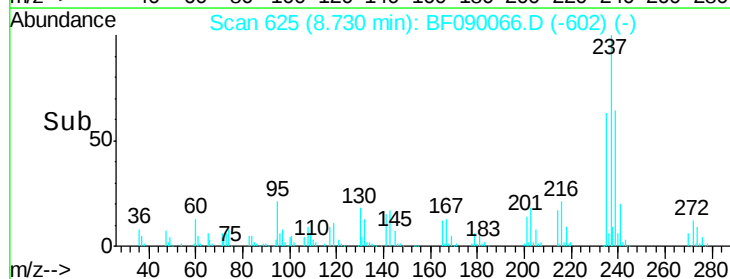


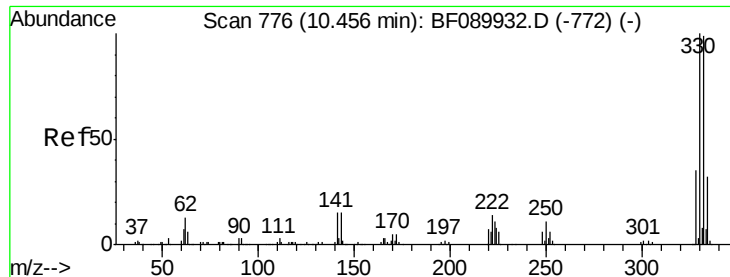
#40
 Hexachlorocyclopentadiene
 Concen: 25.21 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:	237	Resp:	121899
Ion	Ratio	Lower	Upper
237	100		
235	63.0	39.6	79.6
272	11.9	0.0	34.6



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

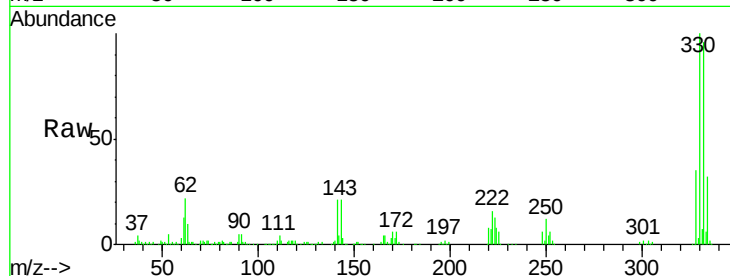




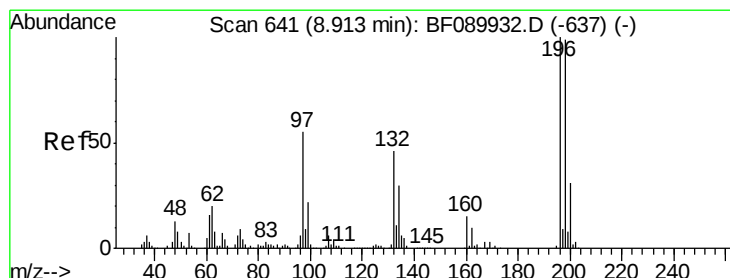
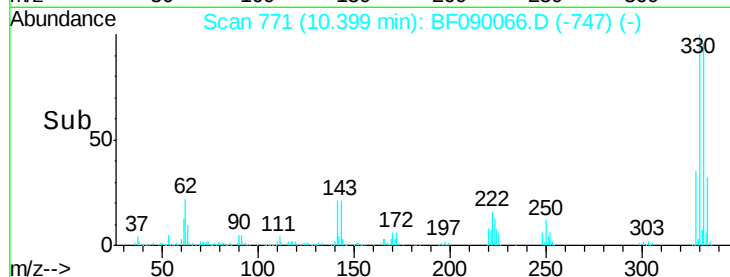
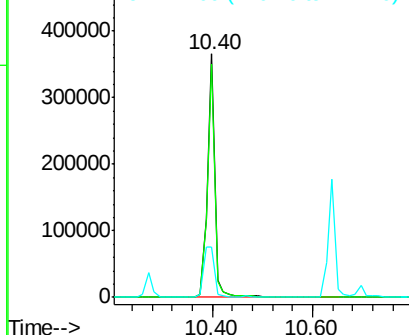
#41
 2,4,6-Tribromophenol
 Concen: 118.58 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:330 Resp: 376640
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 29.8 23.3 34.9

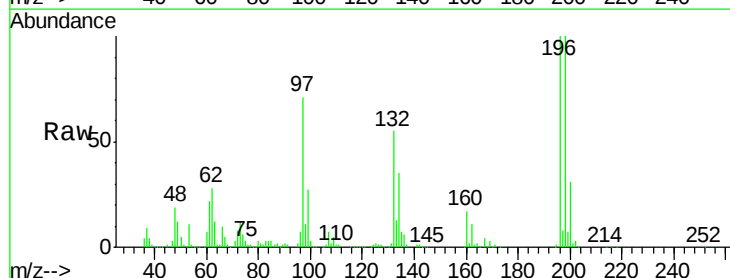


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

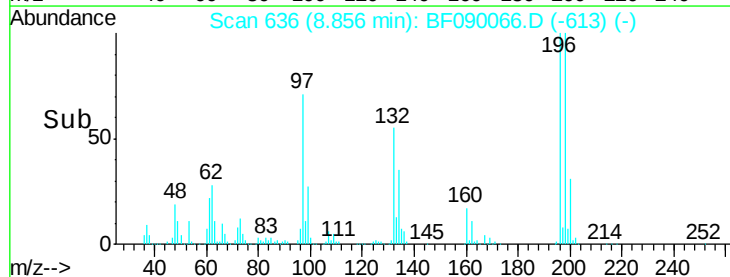
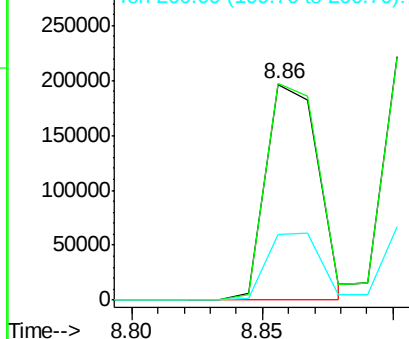


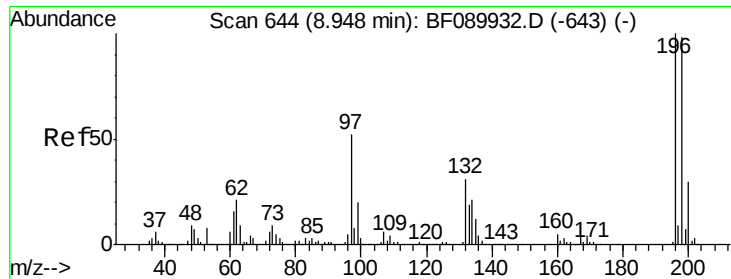
#42
 2,4,6-Trichlorophenol
 Concen: 41.76 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:196 Resp: 272961
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.3 117.5
 200 30.7 24.8 37.2



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

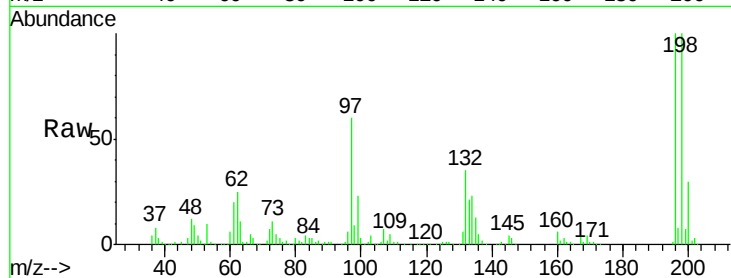




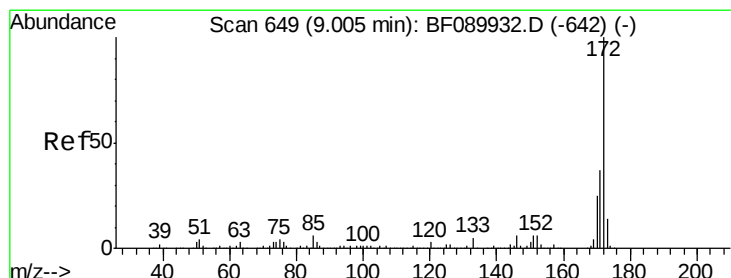
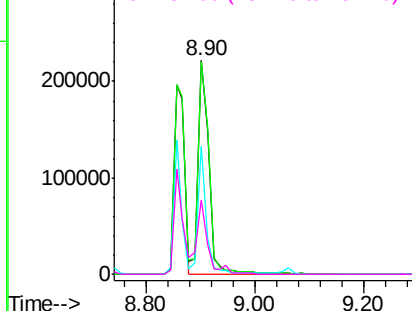
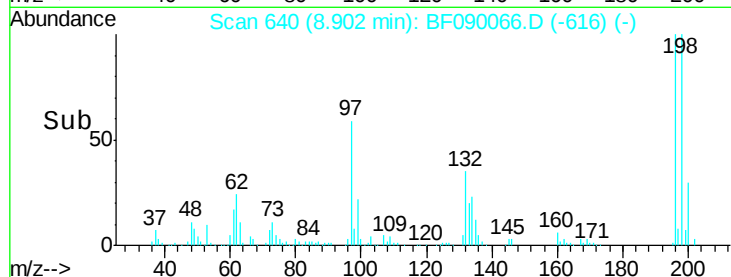
#43
 2,4,5-Trichlorophenol
 Concen: 47.10 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:	196	Resp:	296019
Ion	Ratio	Lower	Upper
196	100		
198	99.6	80.8	121.2
97	59.9	44.2	66.4
132	35.0	25.8	38.6

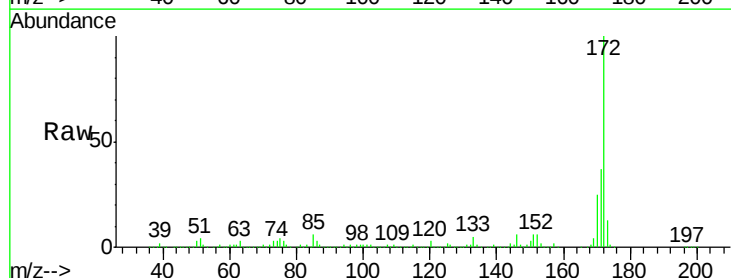


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

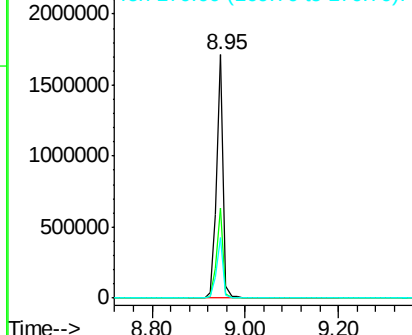
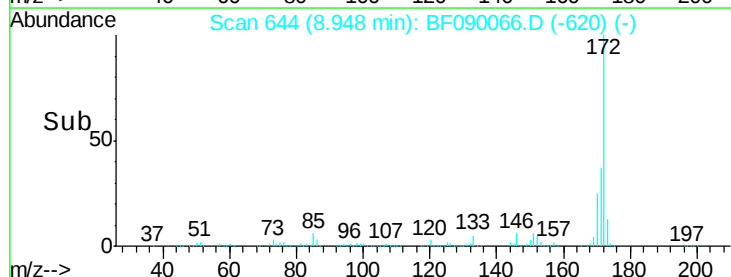


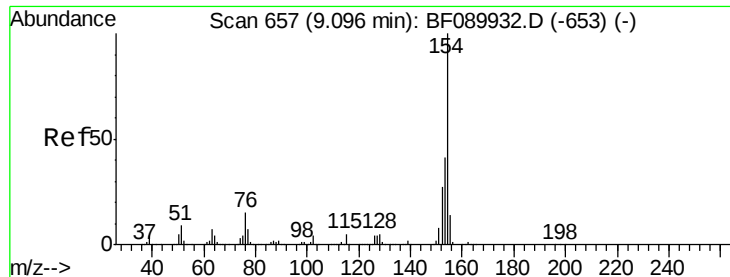
#44
 2-Fluorobiphenyl
 Concen: 87.03 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:	172	Resp:	1706874
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.2
170	24.7	20.1	30.1



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





#45

1,1'-Biphenyl

Concen: 37.30 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

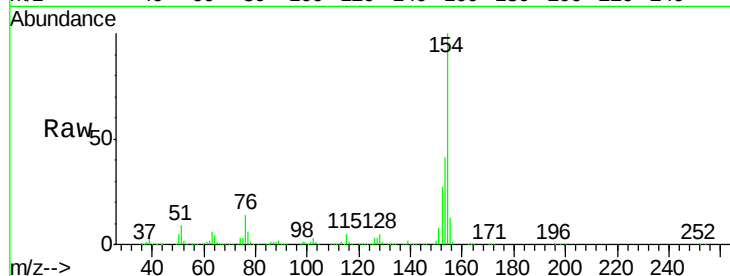
Tgt Ion:154 Resp: 966968

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

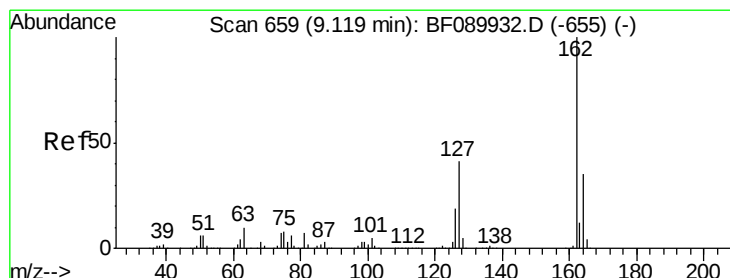
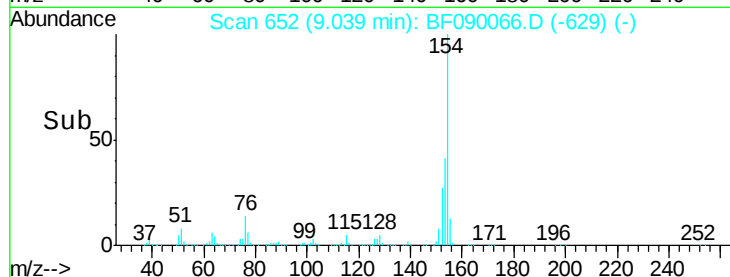
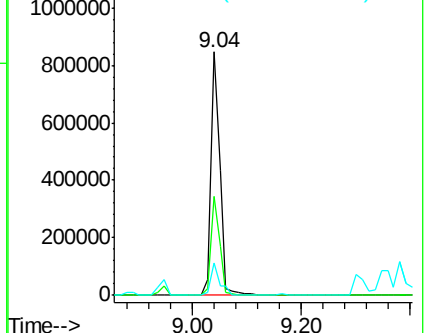
76 13.6 0.0 34.9



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: 45.28 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

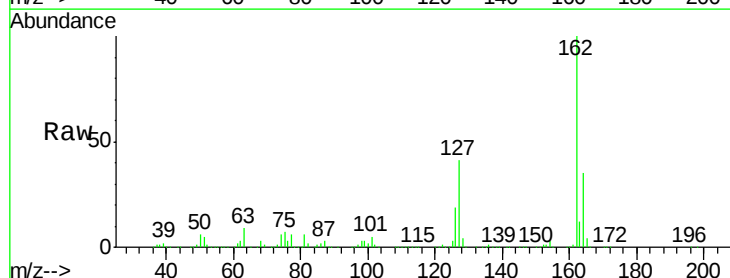
Tgt Ion:162 Resp: 830342

Ion Ratio Lower Upper

162 100

127 40.9 33.5 50.3

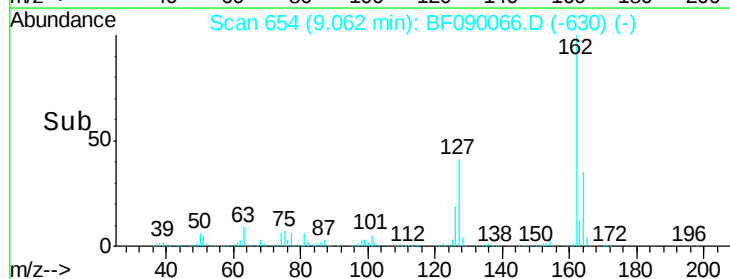
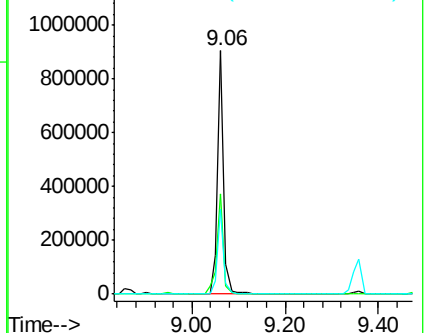
164 35.0 28.2 42.4

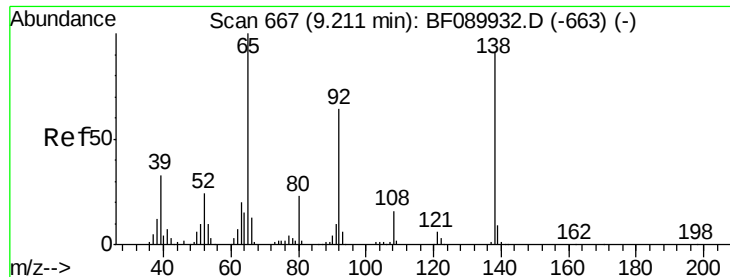


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.96 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

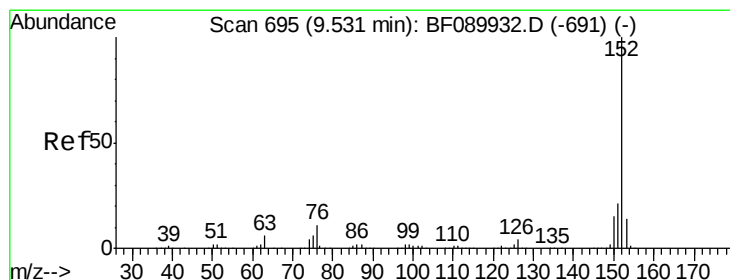
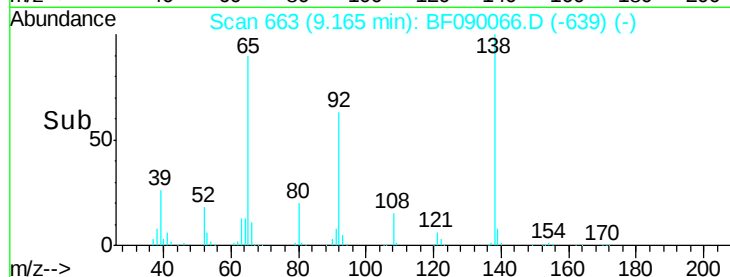
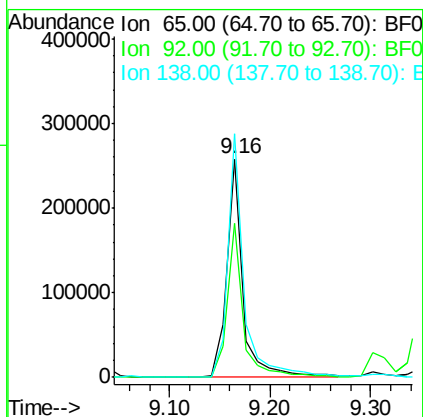
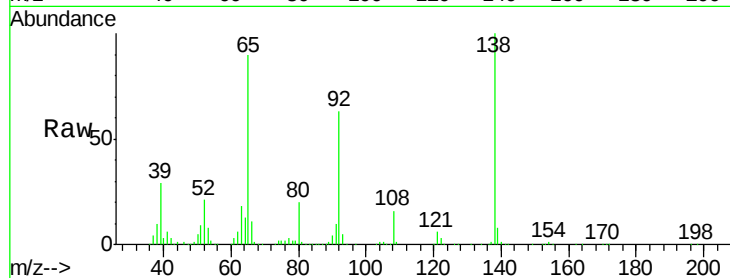
Tgt Ion: 65 Resp: 287488

Ion Ratio Lower Upper

65 100

92 70.3 52.0 78.0

138 111.6 72.1 108.1#



#48

Acenaphthylene

Concen: 42.52 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

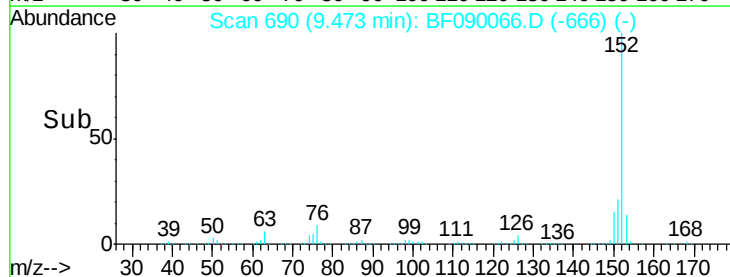
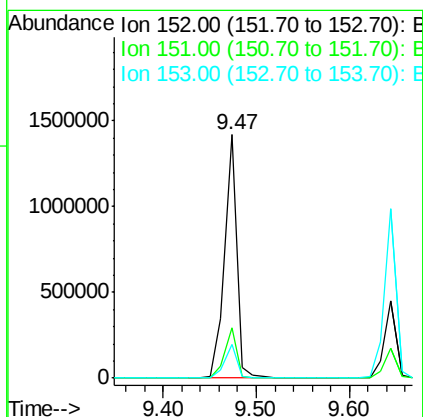
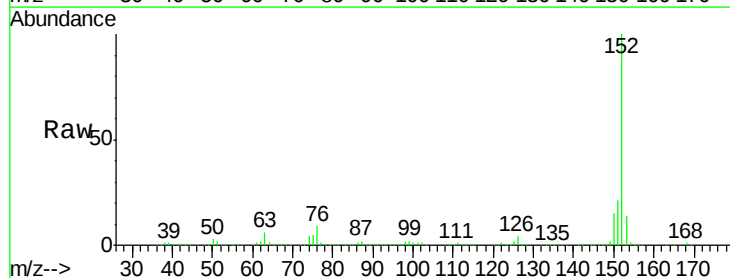
Tgt Ion: 152 Resp: 1289096

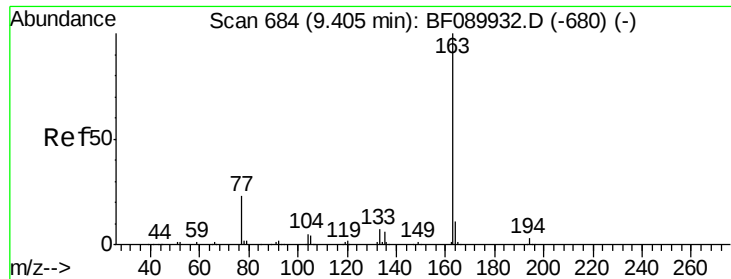
Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1

153 13.9 11.6 17.4





#49

Dimethylphthalate

Concen: 64.38 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

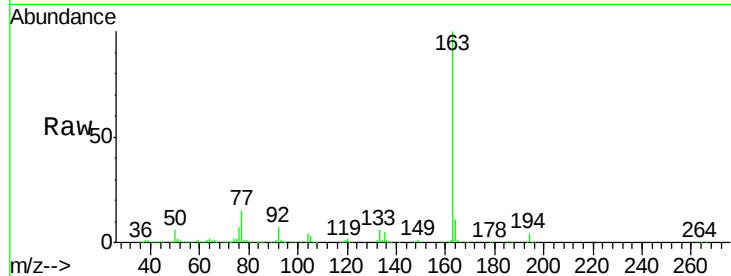
Tgt Ion:163 Resp: 1498154

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

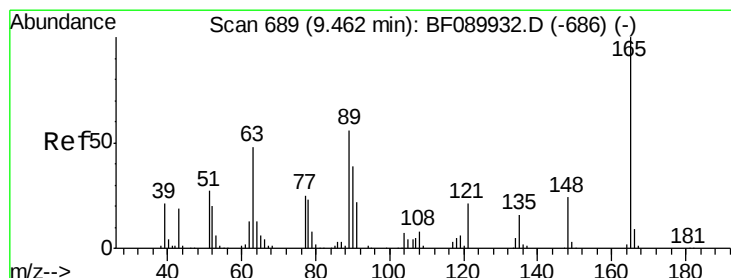
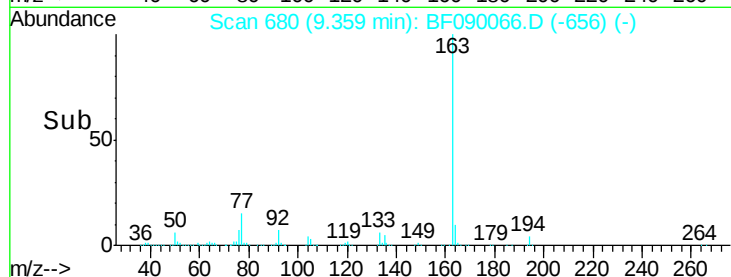
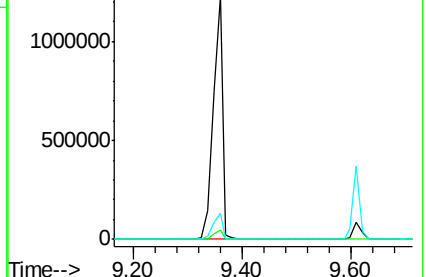
164 10.6 9.0 13.4



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: 42.75 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

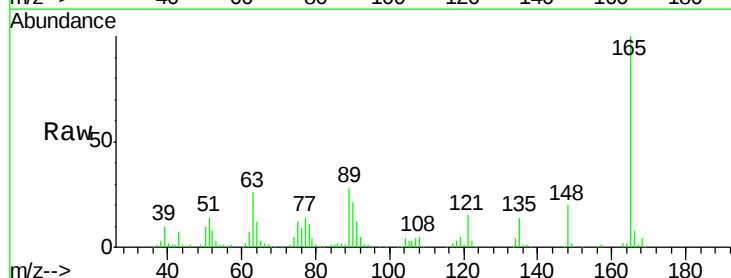
Tgt Ion:165 Resp: 221274

Ion Ratio Lower Upper

165 100

63 26.1 45.0 67.4#

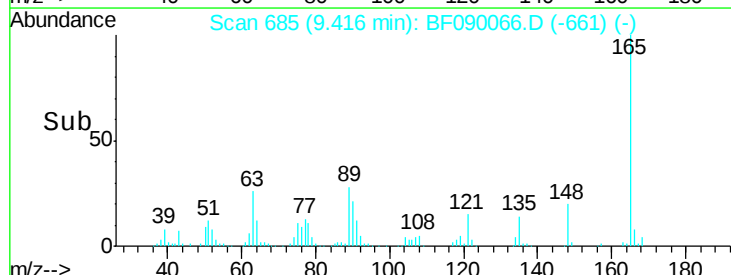
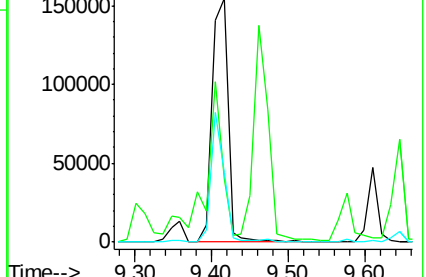
89 28.4 41.5 62.3#

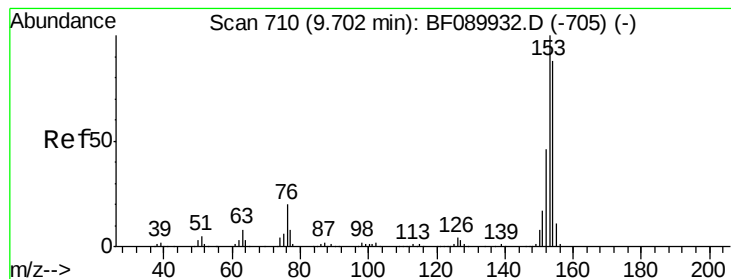


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.70 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

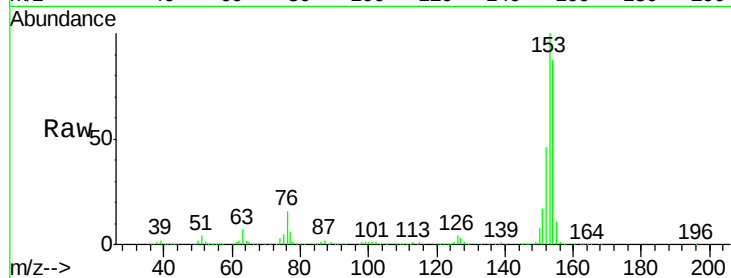
Tgt Ion:154 Resp: 781755

Ion Ratio Lower Upper

154 100

153 114.5 90.6 135.8

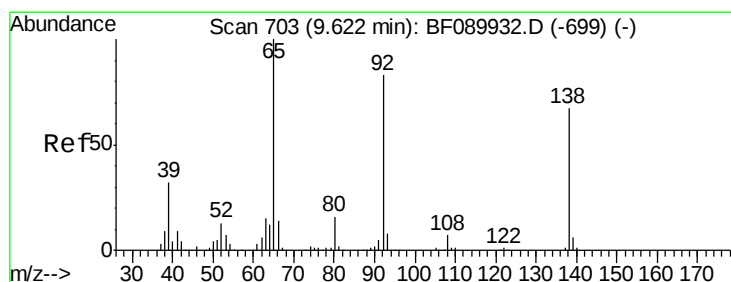
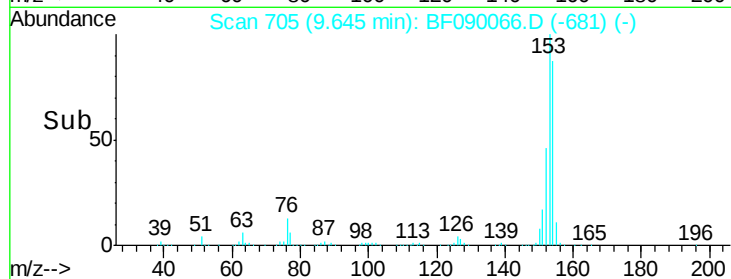
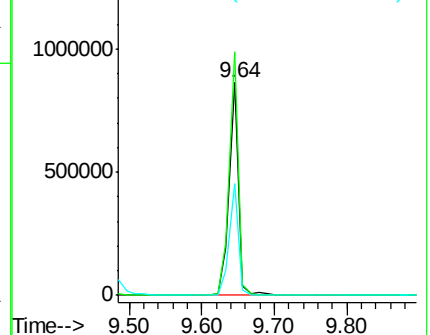
152 52.6 42.4 63.6



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: 41.66 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

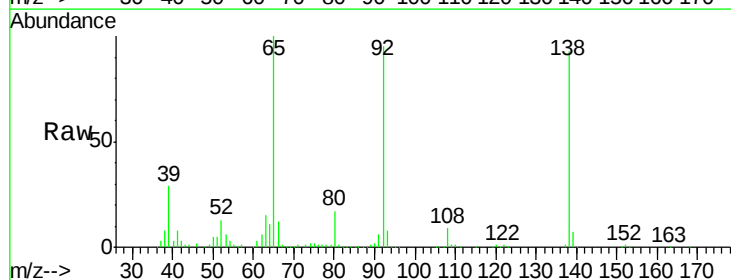
Tgt Ion:138 Resp: 245917

Ion Ratio Lower Upper

138 100

108 9.4 8.3 12.5

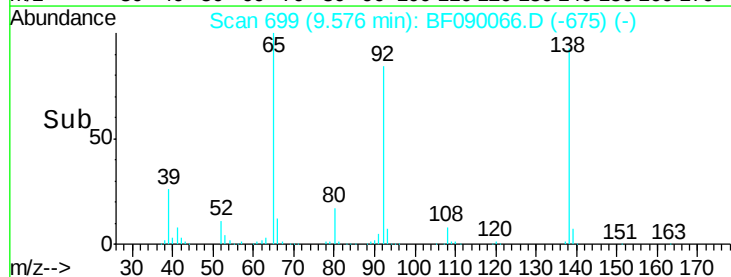
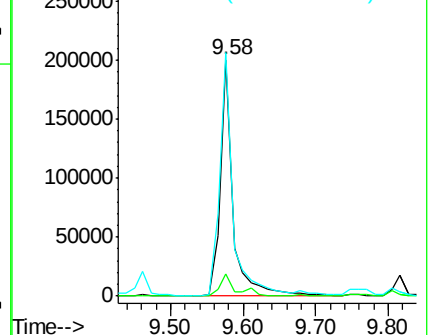
92 103.0 99.1 148.7

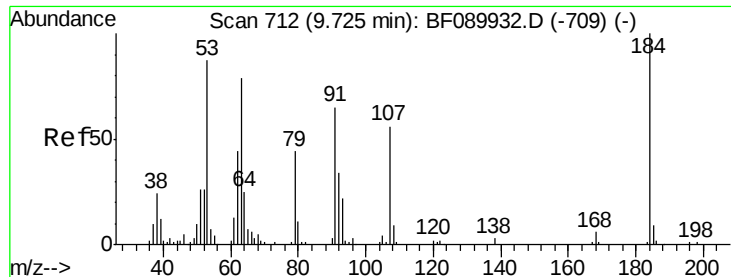


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

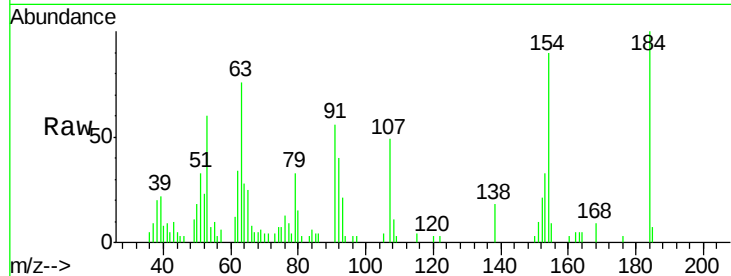




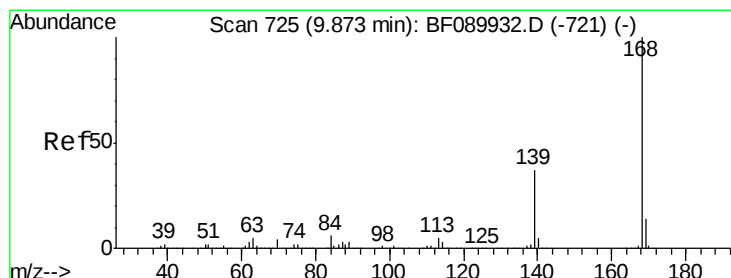
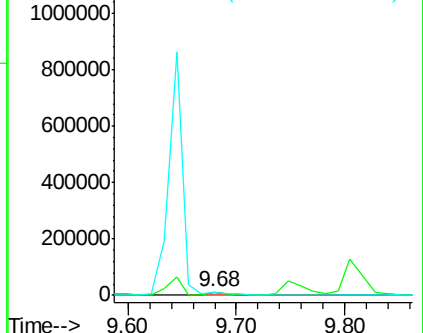
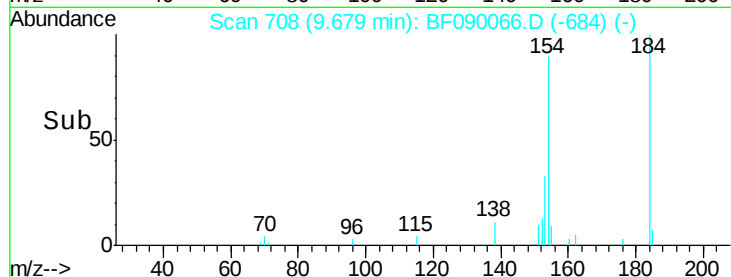
#53
2,4-Dinitrophenol
Concen: 12.10 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Instrument :
BNA_F
ClientSampled :
SP-1AMS

Tgt Ion:184 Resp: 20155
Ion Ratio Lower Upper
184 100
63 76.1 73.9 110.9
154 90.0 53.5 80.3#

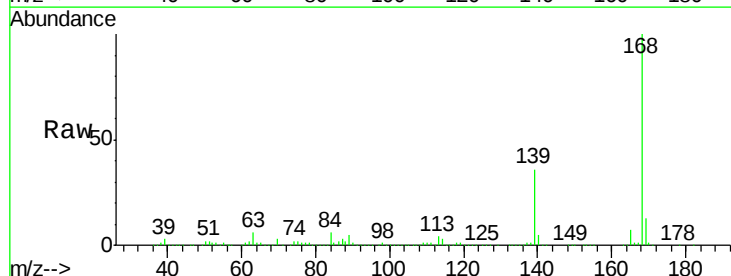


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

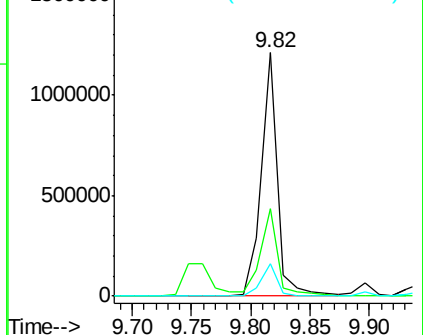
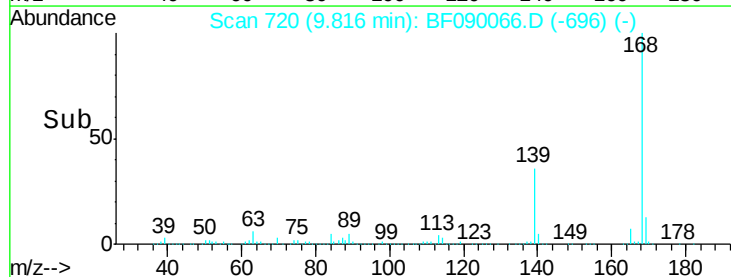


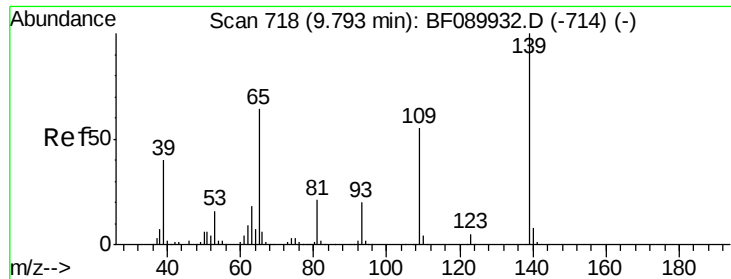
#54
Dibenzofuran
Concen: 45.19 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:168 Resp: 1163391
Ion Ratio Lower Upper
168 100
139 35.9 29.5 44.3
169 13.5 10.8 16.2



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

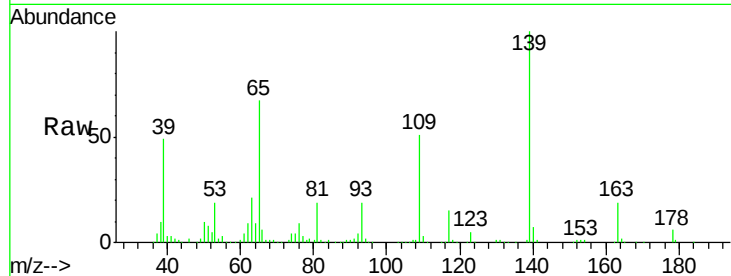




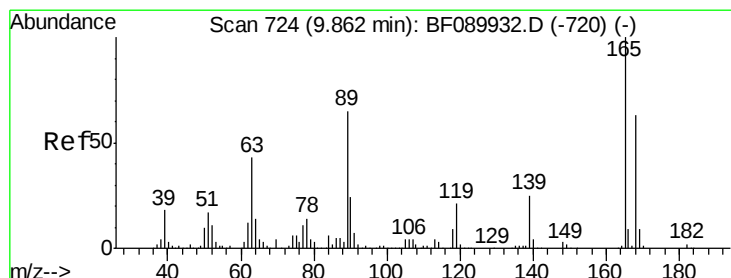
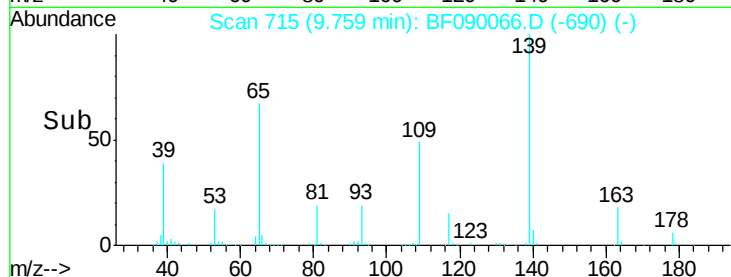
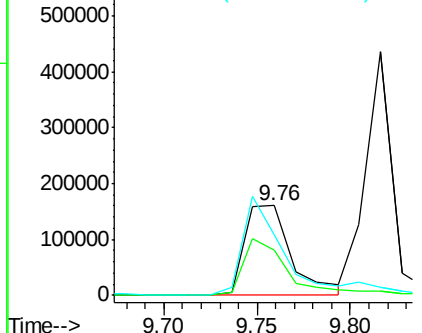
#55
4-Nitrophenol
Concen: 63.18 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	50.9	31.3	71.3
65	67.5	38.5	78.5



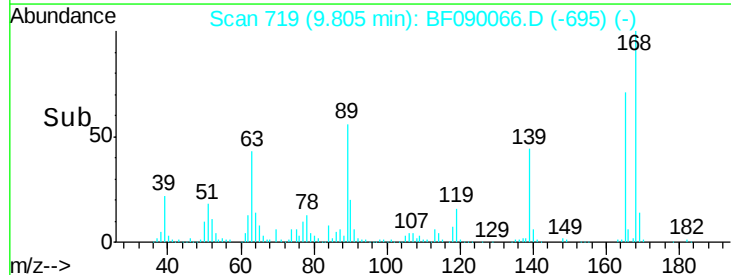
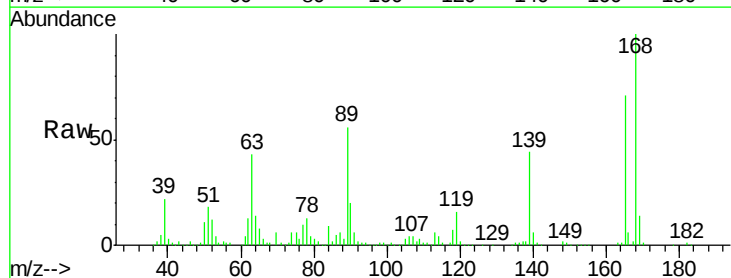
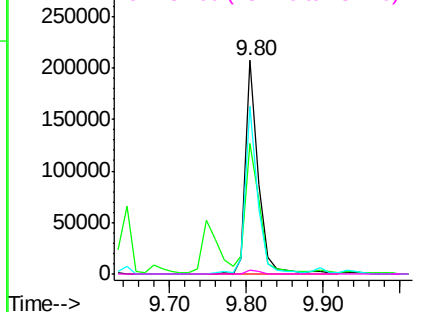
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

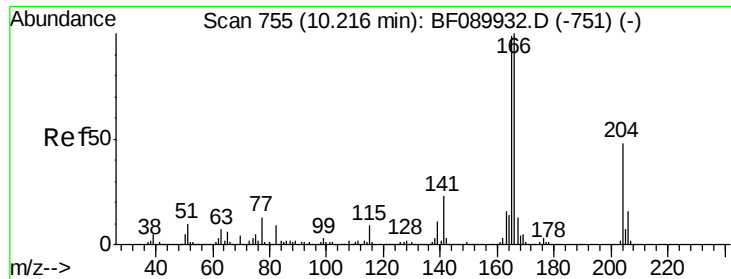


#56
2,4-Dinitrotoluene
Concen: 36.25 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.0	32.5	48.7#
89	78.4	48.3	72.5#
182	1.9	1.7	2.5

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

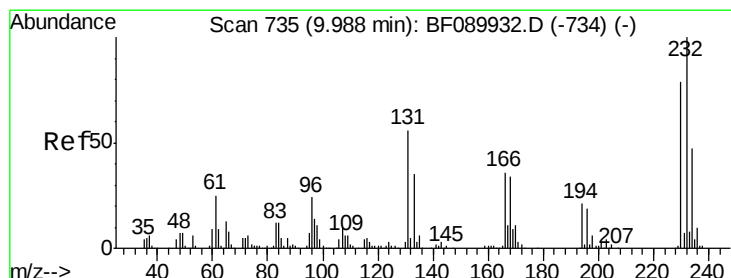
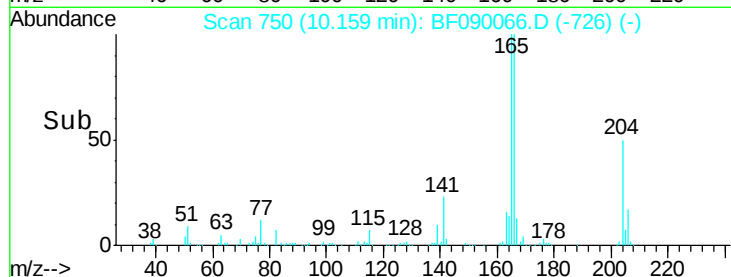
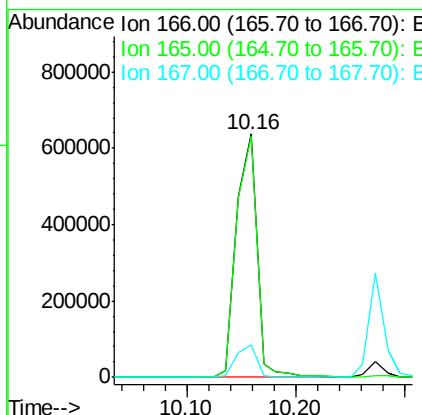
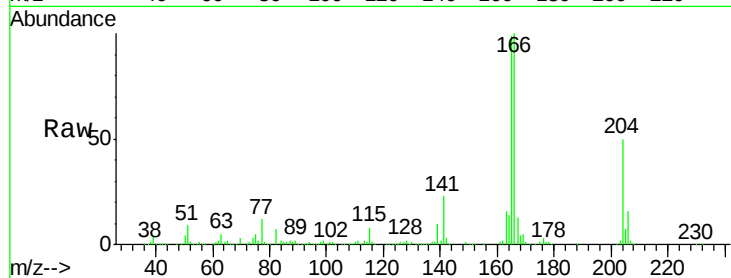




#57
 Fluorene
 Concen: 43.88 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

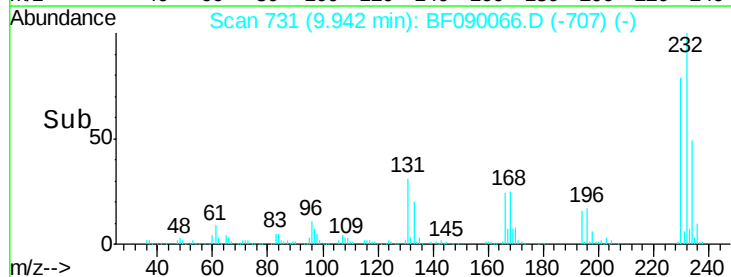
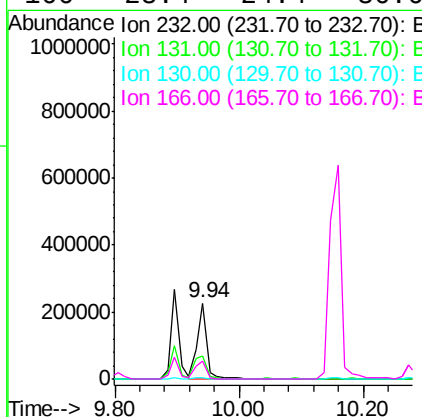
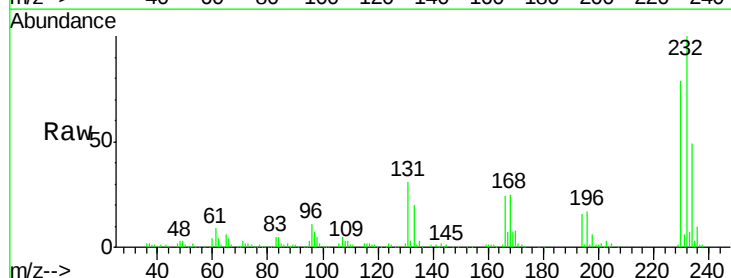
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

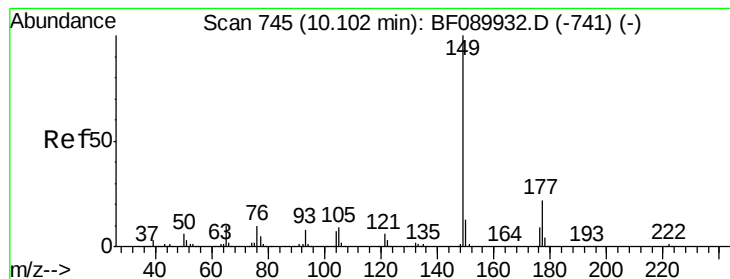
Tgt Ion:166 Resp: 825512
 Ion Ratio Lower Upper
 166 100
 165 98.9 78.6 118.0
 167 13.1 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.24 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:232 Resp: 243432
 Ion Ratio Lower Upper
 232 100
 131 40.0 36.3 54.5
 130 1.8 1.7 2.5
 166 28.4 24.4 36.6





#59

Diethylphthalate

Concen: 41.80 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

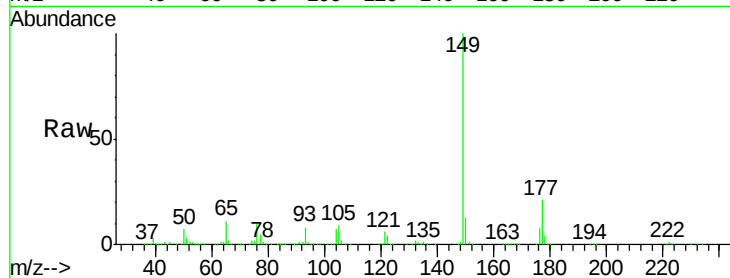
Tgt Ion:149 Resp: 914976

Ion Ratio Lower Upper

149 100

177 21.1 17.7 26.5

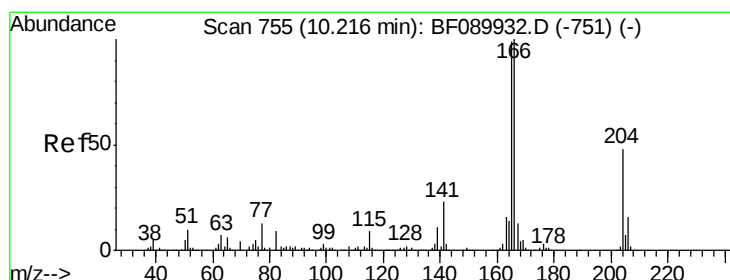
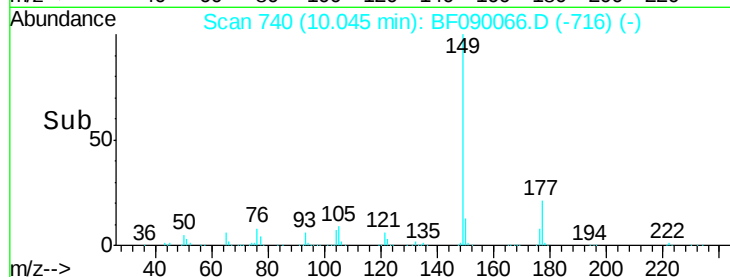
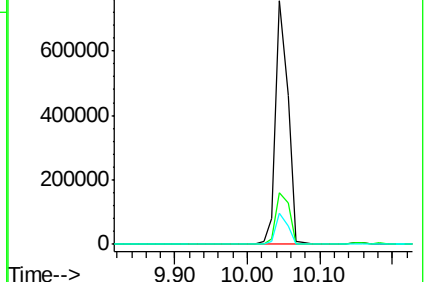
150 12.6 10.2 15.2



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: 42.86 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

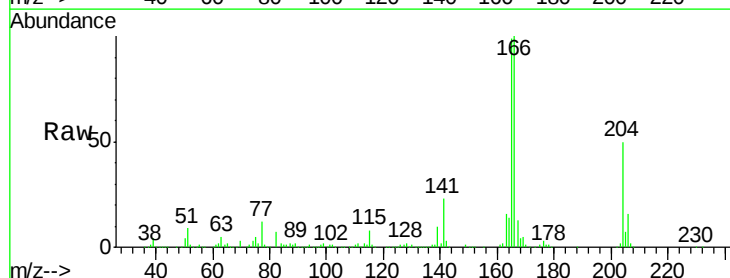
Tgt Ion:204 Resp: 379407

Ion Ratio Lower Upper

204 100

206 33.3 26.6 40.0

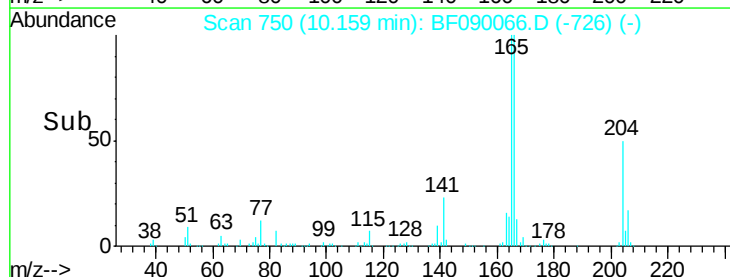
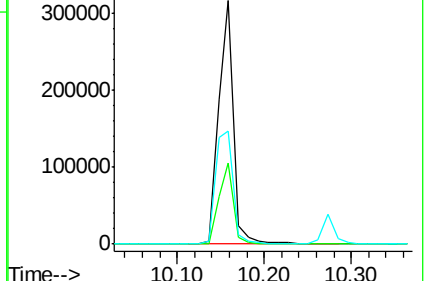
141 46.4 36.5 54.7

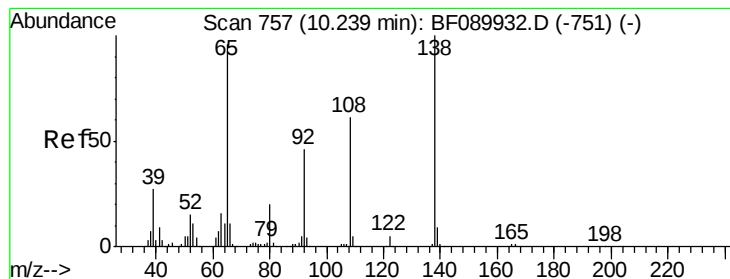


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.53 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

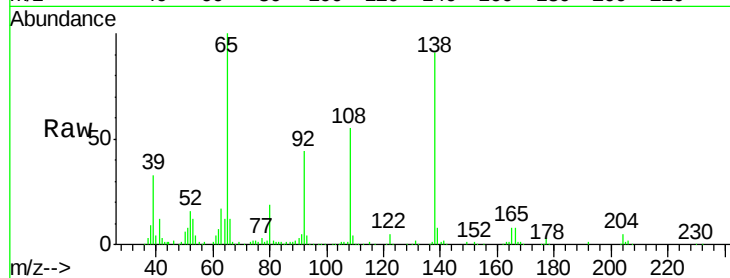
Tgt Ion:138 Resp: 229237

Ion Ratio Lower Upper

138 100

92 48.6 21.2 61.2

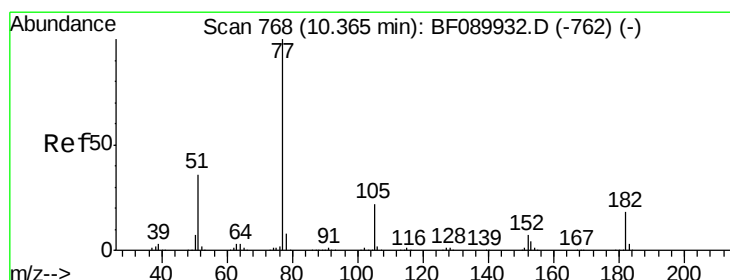
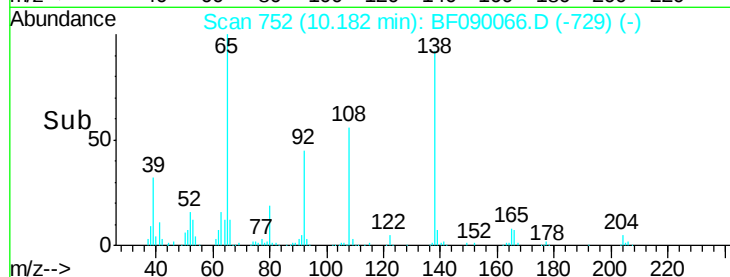
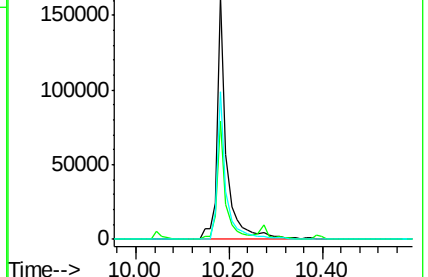
108 60.7 37.7 77.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.59 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Tgt Ion: 77 Resp: 843882

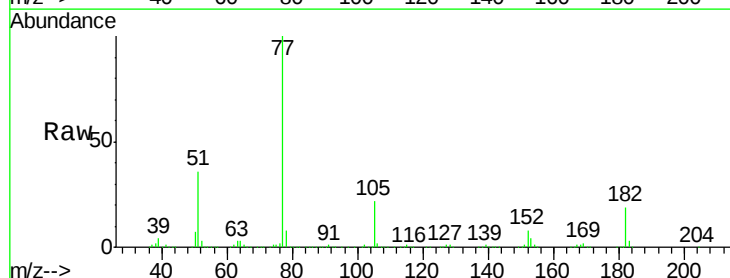
Ion Ratio Lower Upper

77 100

182 19.3 0.0 38.6

105 22.2 2.3 42.3

51 35.5 15.1 55.1

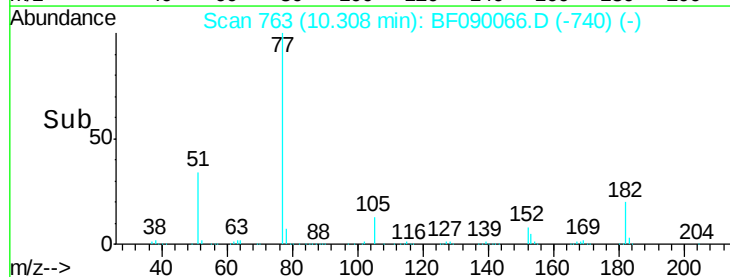
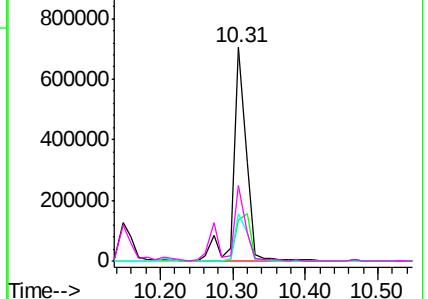


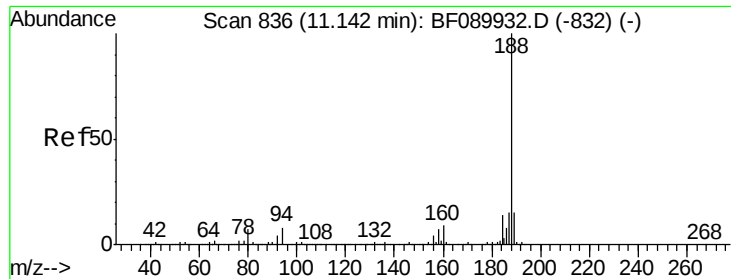
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

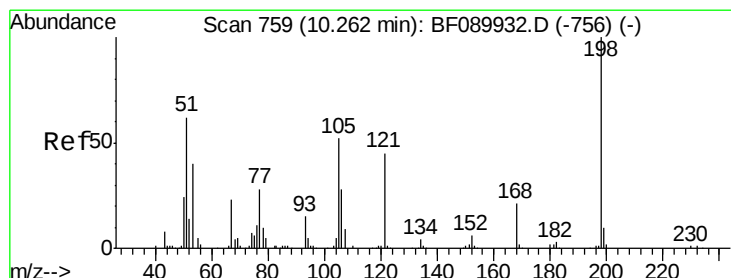
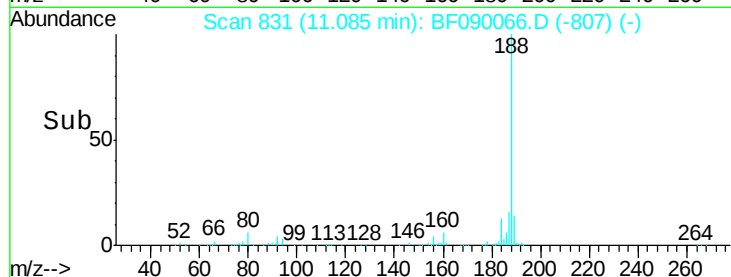
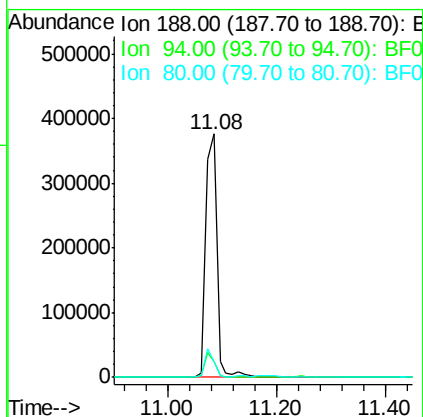
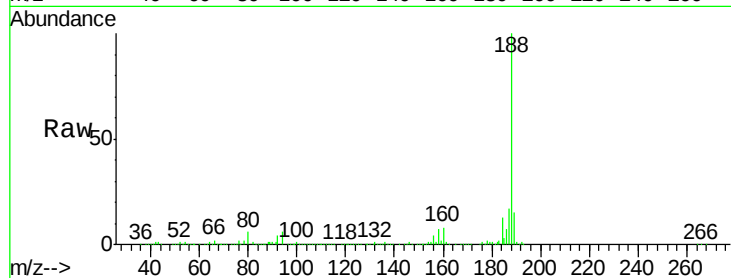




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

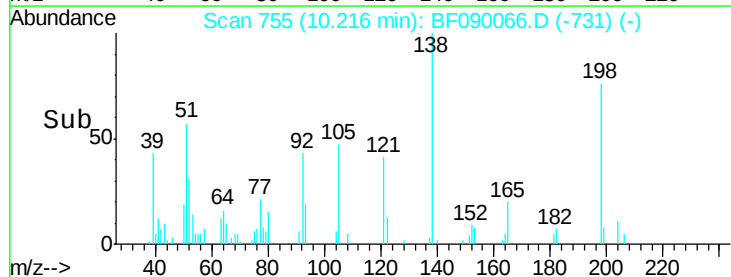
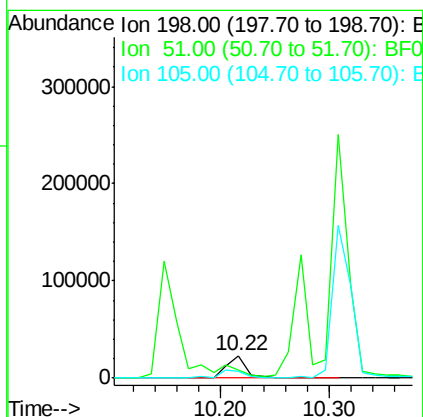
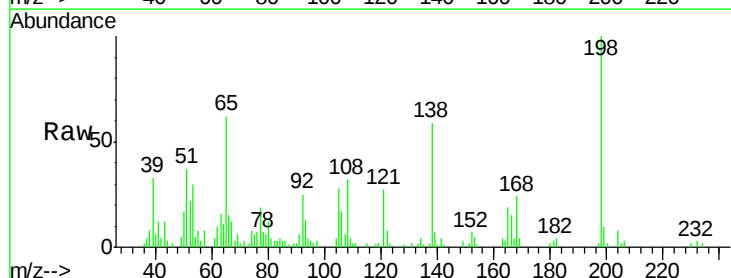
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

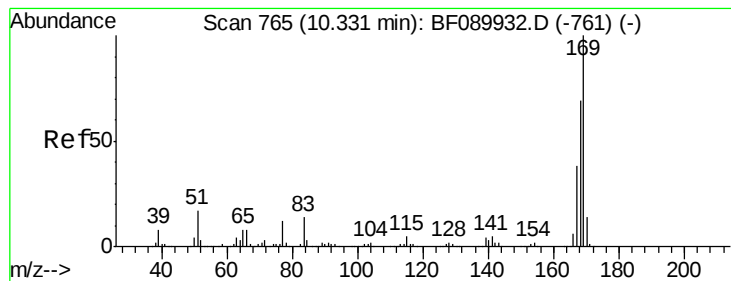
Tgt Ion:188 Resp: 537837
Ion Ratio Lower Upper
188 100
94 6.4 5.9 8.9
80 6.3 5.8 8.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.39 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:198 Resp: 28885
Ion Ratio Lower Upper
198 100
51 37.5 43.0 83.0#
105 27.9 30.3 70.3#





#65

n-Nitrosodiphenylamine

Concen: 44.23 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

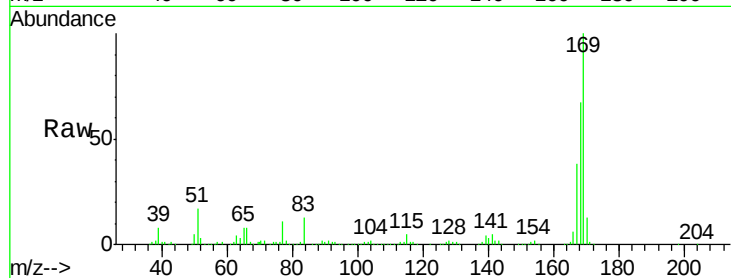
Tgt Ion:169 Resp: 715160

Ion Ratio Lower Upper

169 100

168 67.3 55.0 82.4

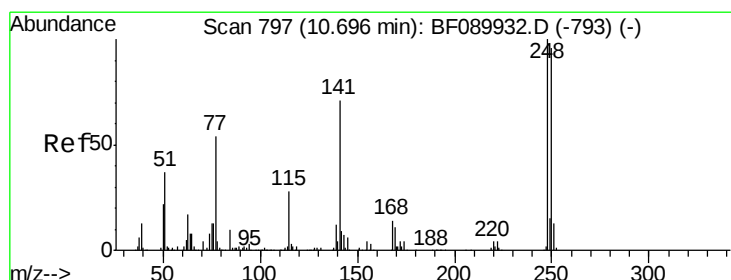
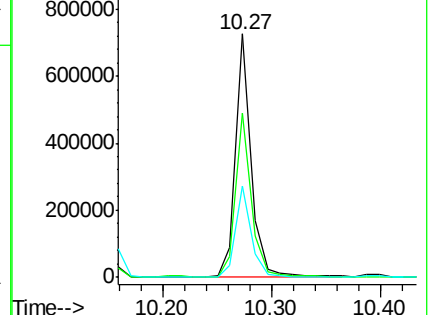
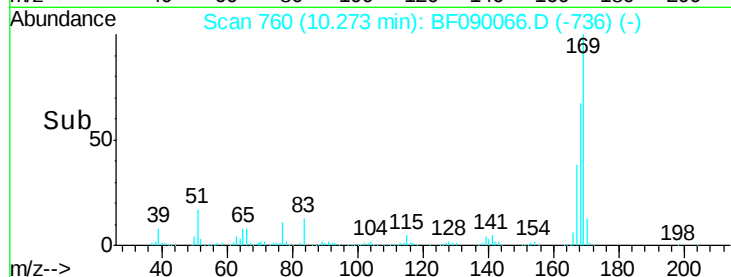
167 37.5 30.5 45.7



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: 48.45 ng

RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

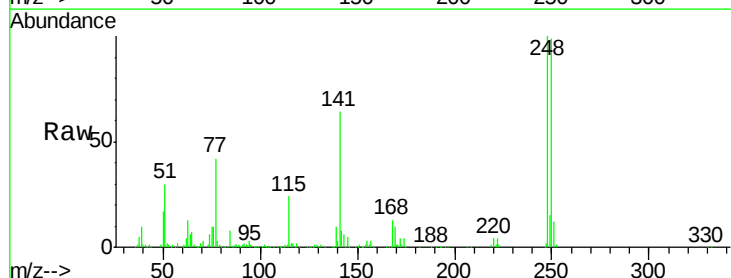
Tgt Ion:248 Resp: 262329

Ion Ratio Lower Upper

248 100

250 98.7 77.3 115.9

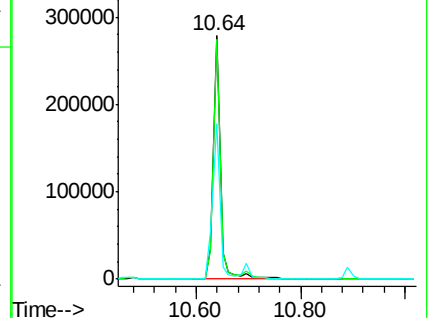
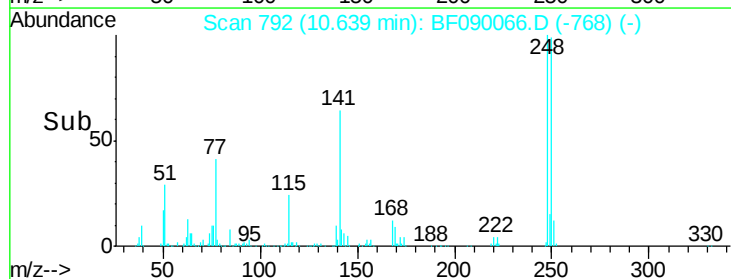
141 63.9 55.8 83.8

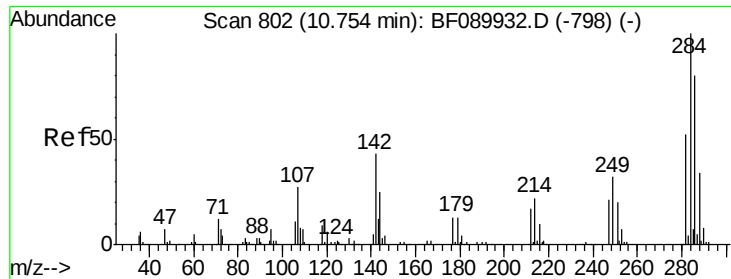


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

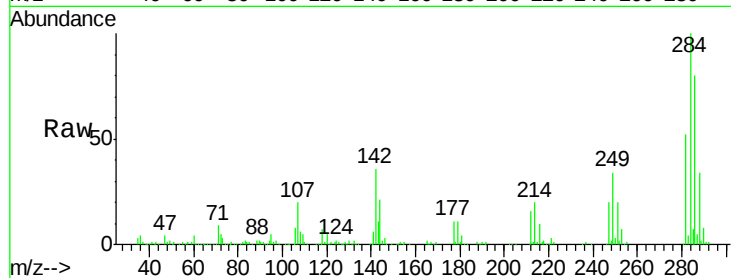




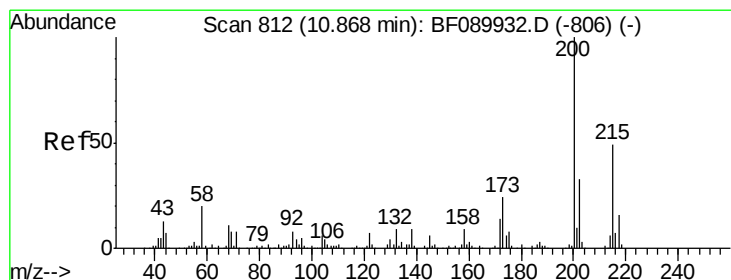
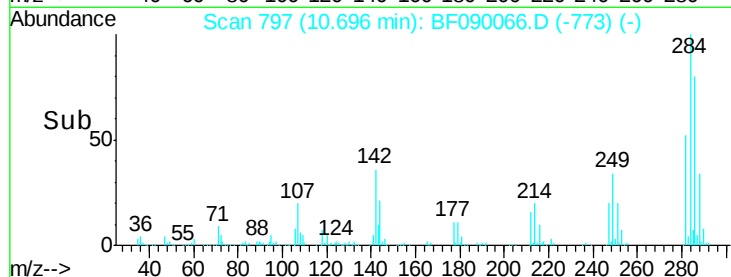
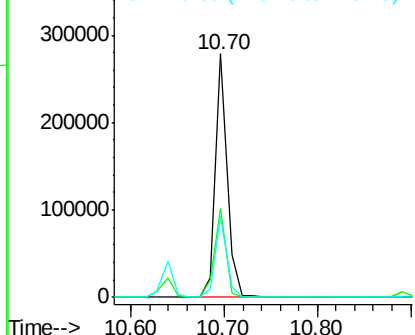
#67
Hexachlorobenzene
Concen: 39.62 ng
RT: 10.70 min Scan# 797
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Instrument :
BNA_F
ClientSampleId :
SP-1AMS

Tgt Ion:284 Resp: 245072
Ion Ratio Lower Upper
284 100
142 36.2 32.7 49.1
249 33.5 26.9 40.3

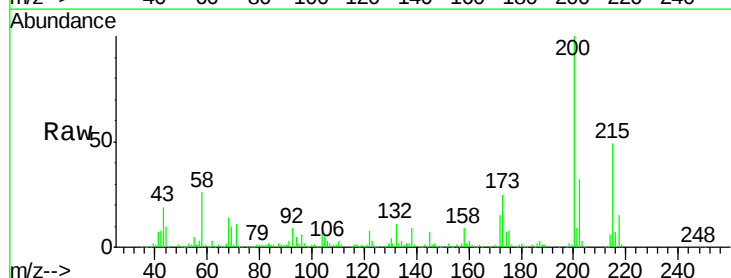


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

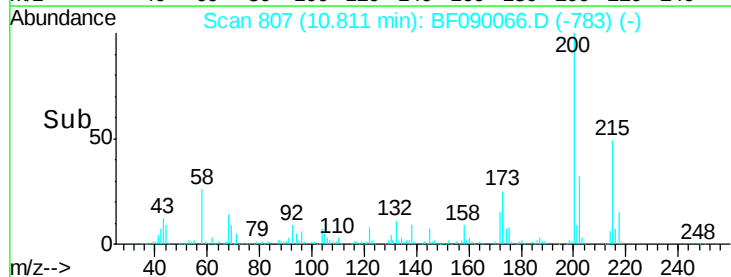
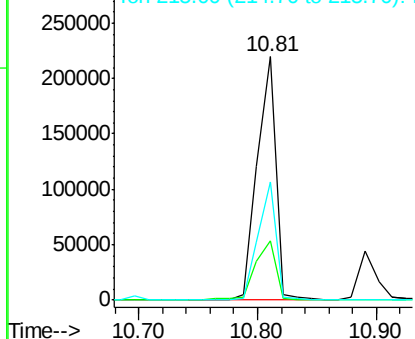


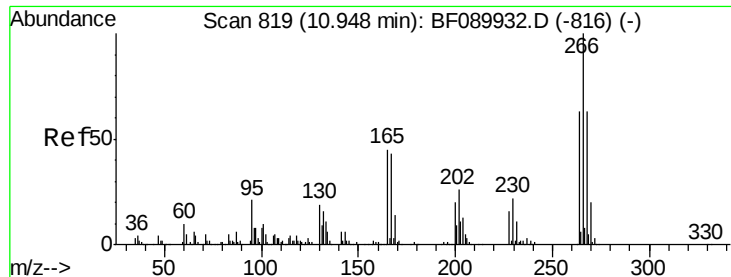
#68
Atrazine
Concen: 45.13 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion:200 Resp: 243600
Ion Ratio Lower Upper
200 100
173 24.6 9.4 49.4
215 48.6 24.5 64.5



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

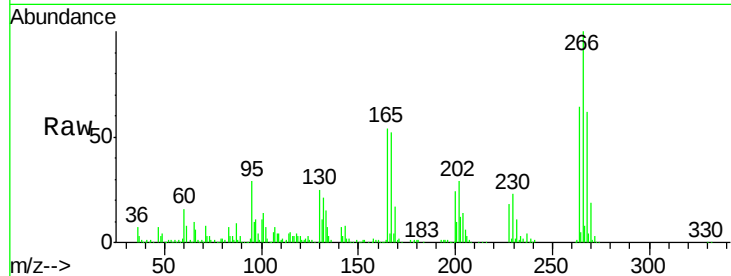




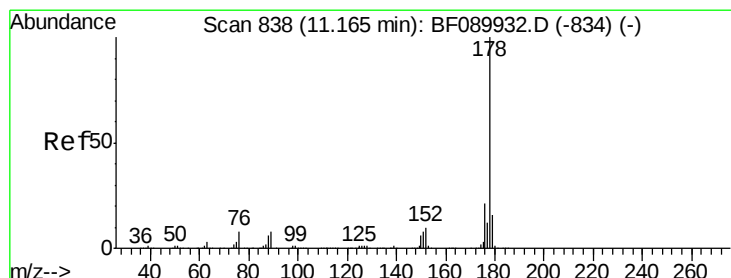
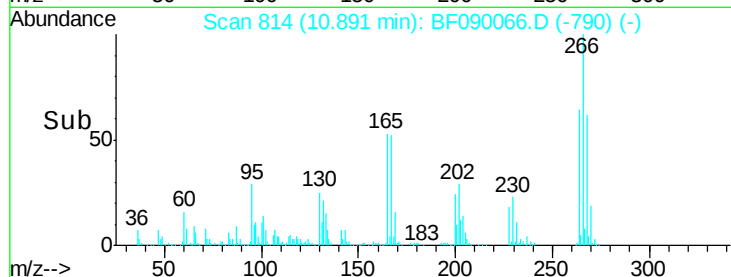
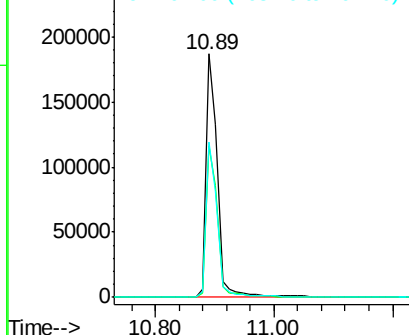
#69
 Pentachlorophenol
 Concen: 75.86 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

Tgt Ion:266 Resp: 252407
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.0 76.6
 264 64.0 50.6 75.8

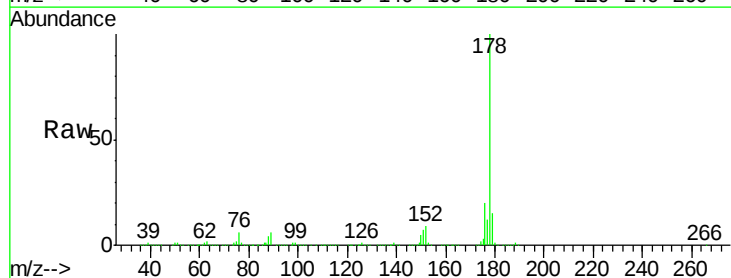


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

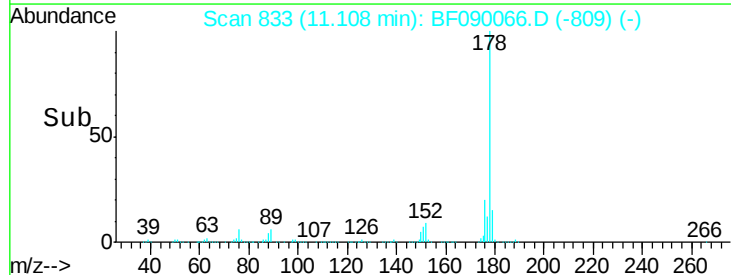
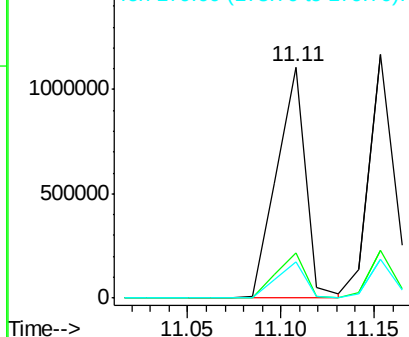


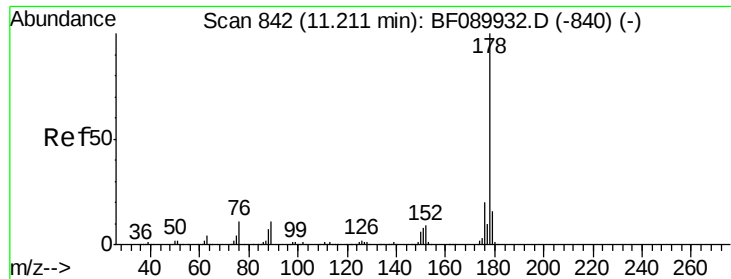
#70
 Phenanthrene
 Concen: 44.50 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:178 Resp: 1191835
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 15.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

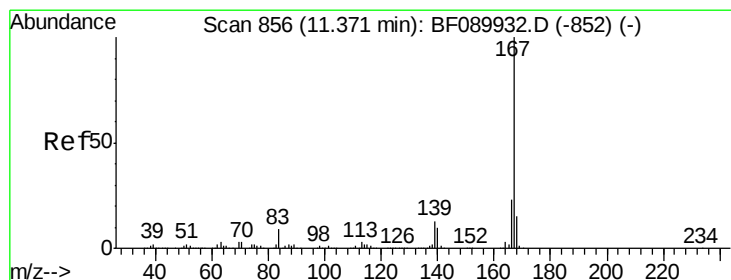
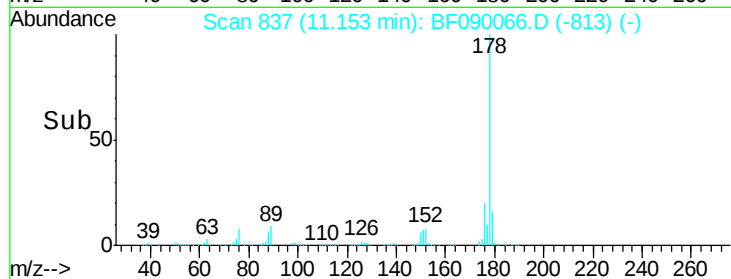
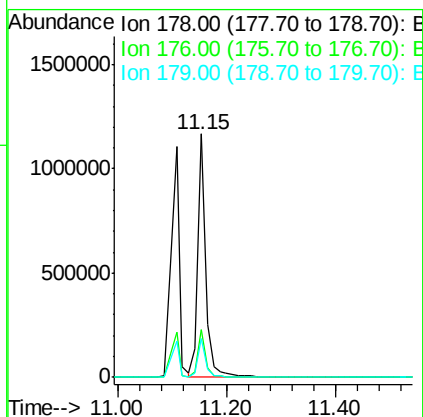
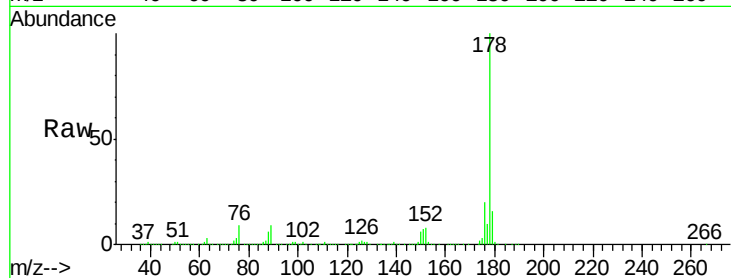




#71
 Anthracene
 Concen: 43.13 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

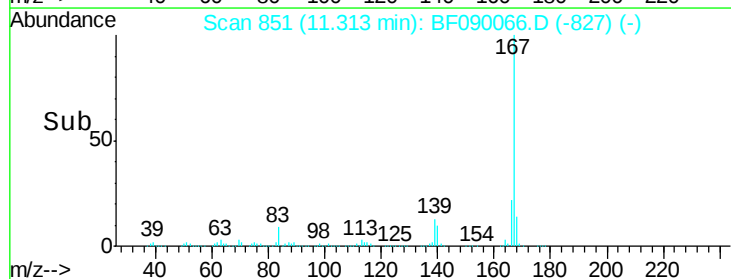
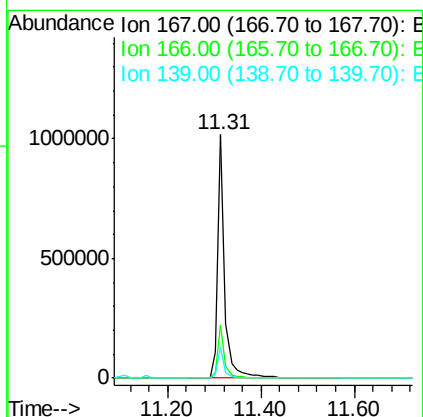
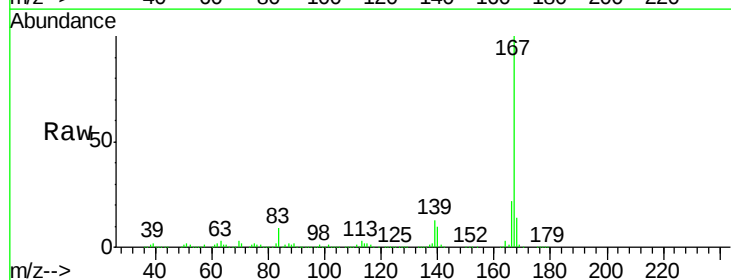
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

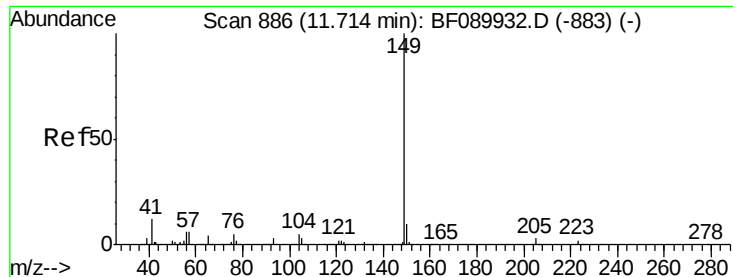
Tgt Ion:178 Resp: 1171563
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.9 13.0 19.4



#72
 Carbazole
 Concen: 42.11 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:167 Resp: 1072631
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.8 10.4 15.6





#73

Di-n-butylphthalate

Concen: 40.16 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

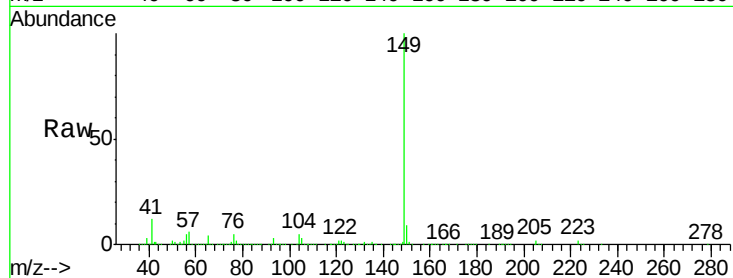
Tgt Ion:149 Resp: 1192171

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.8

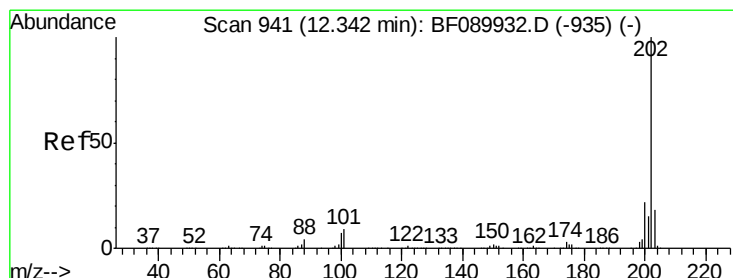
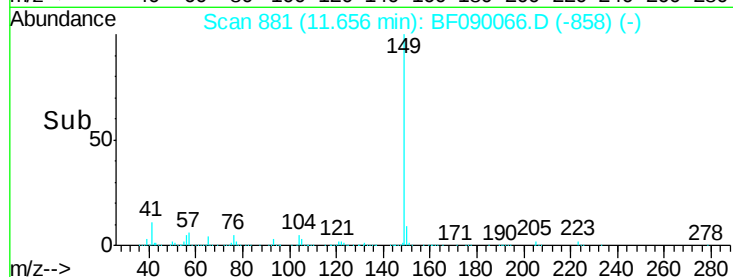
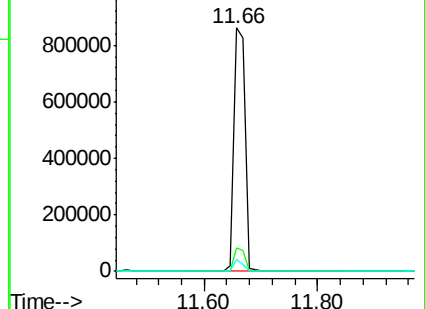
104 4.8 3.9 5.9



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: 44.63 ng

RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

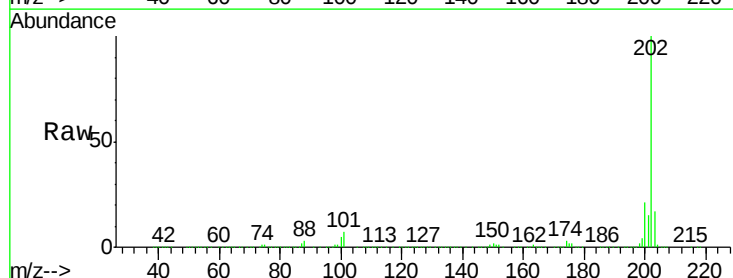
Tgt Ion:202 Resp: 1252557

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.5

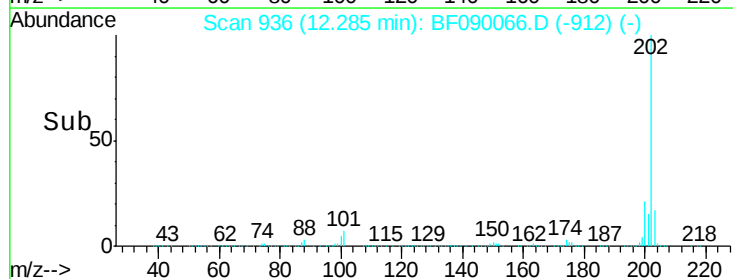
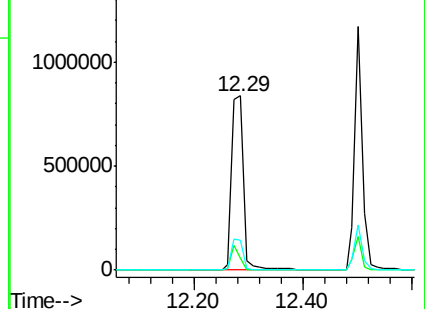
203 17.3 0.0 38.0

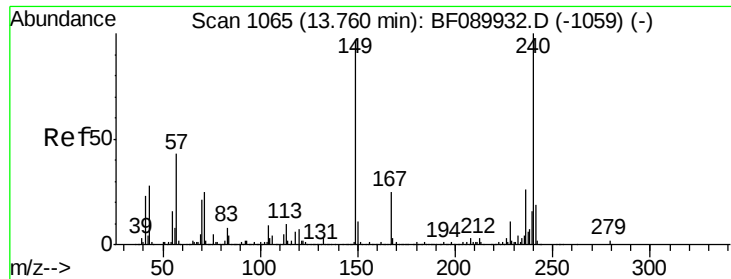


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

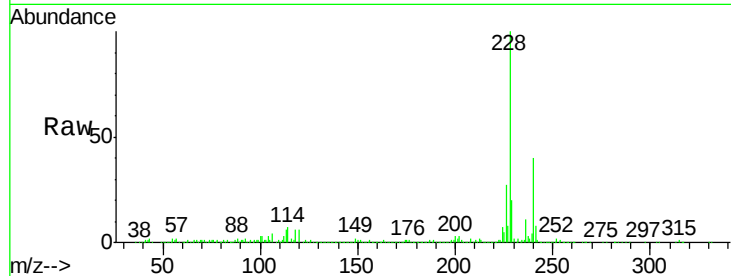
Tgt Ion:240 Resp: 389878

Ion Ratio Lower Upper

240 100

120 16.3 5.7 8.5#

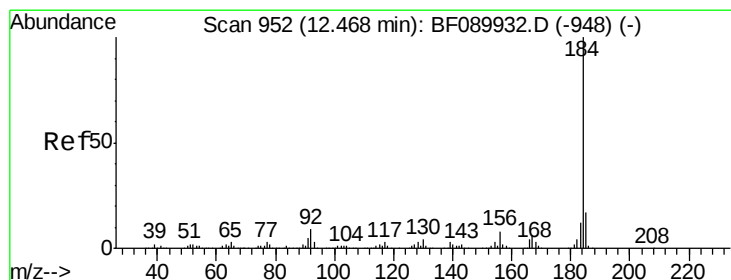
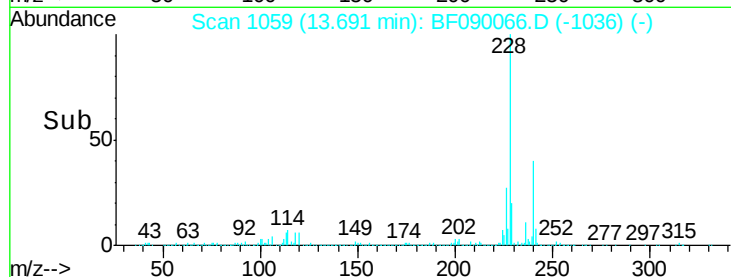
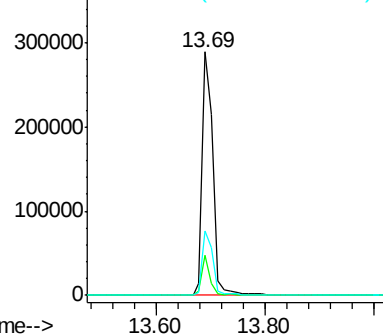
236 26.7 21.3 31.9



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: 40.68 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

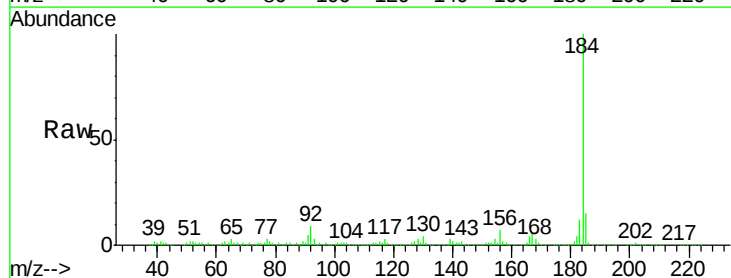
Tgt Ion:184 Resp: 600858

Ion Ratio Lower Upper

184 100

185 14.7 13.8 20.8

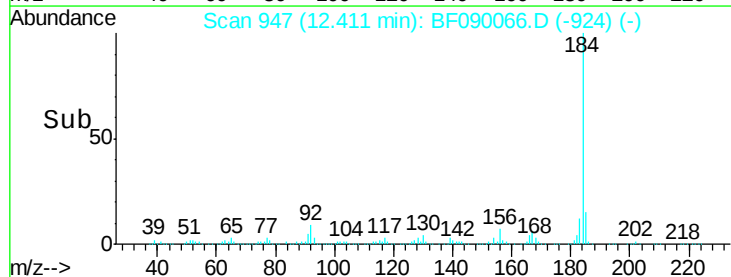
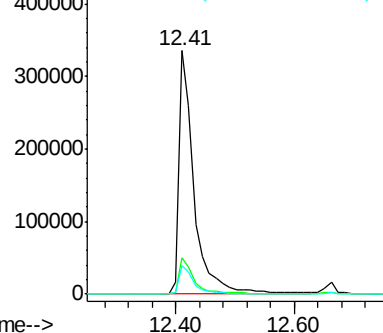
183 11.6 9.6 14.4

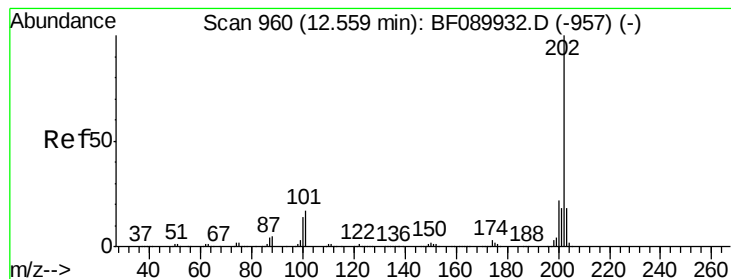


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.68 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

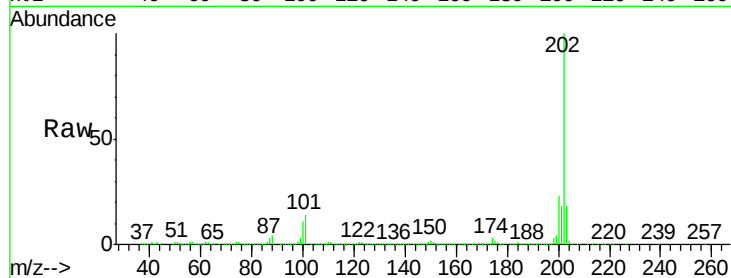
Tgt Ion:202 Resp: 1173169

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

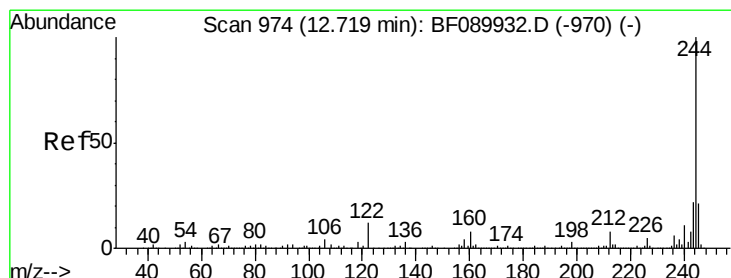
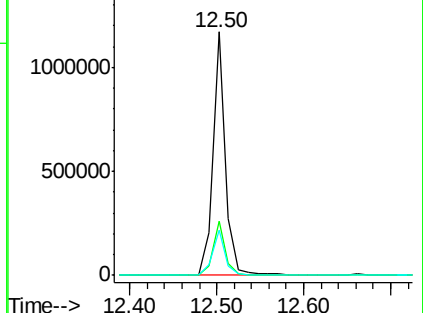
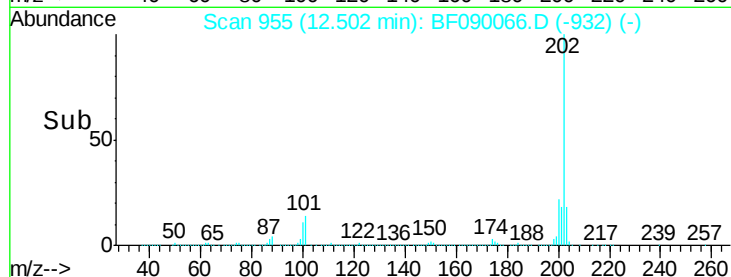
203 18.3 14.6 21.8



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: 85.88 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

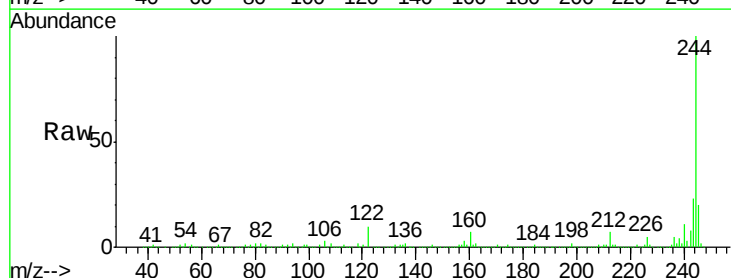
Tgt Ion:244 Resp: 1355443

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

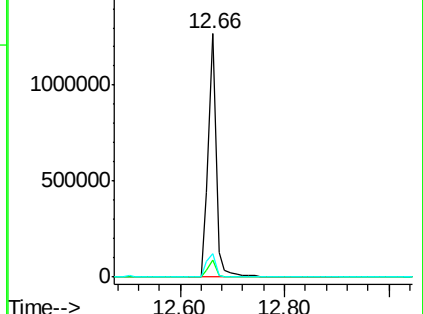
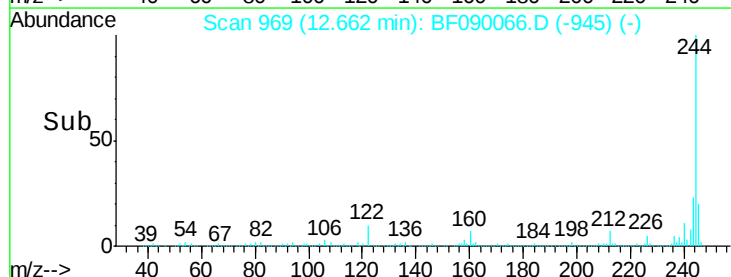
122 9.9 9.6 14.4

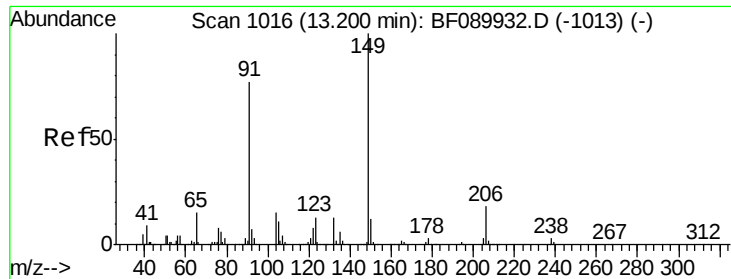


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

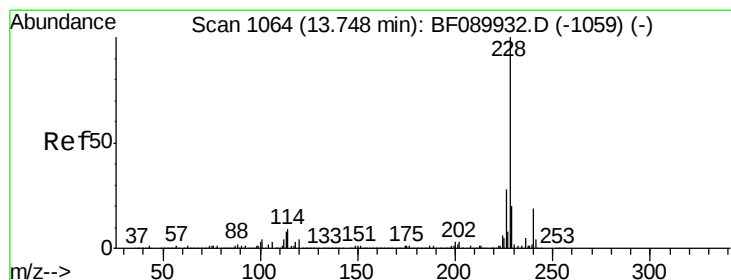
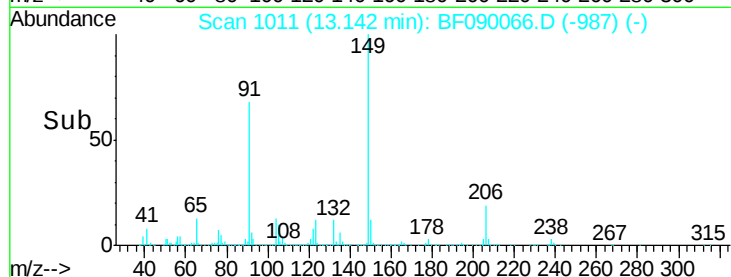
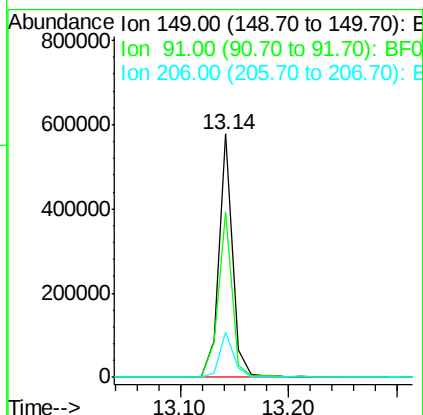
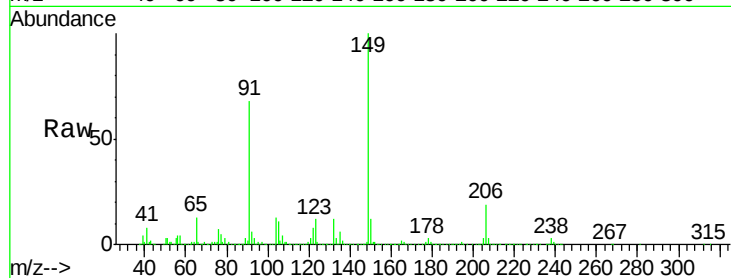




#79
Butylbenzylphthalate
Concen: 45.81 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

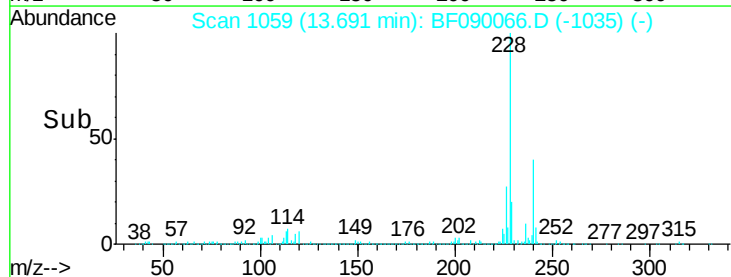
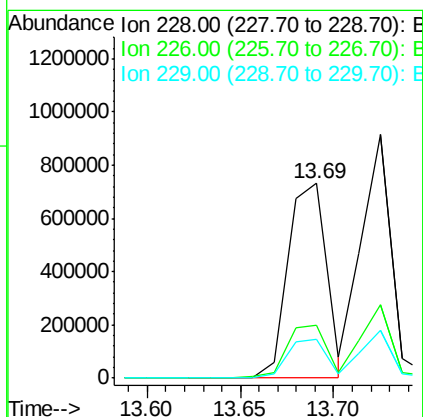
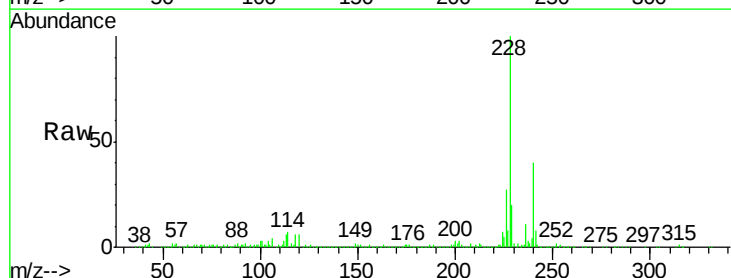
Instrument :
BNA_F
ClientSampleId :
SP-1AMS

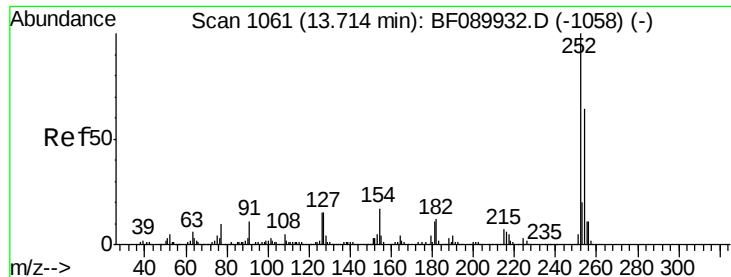
Tgt Ion	Resp	Lower	Upper
149	507868		
91	68.1	60.0	90.0
206	18.8	15.1	22.7



#80
Benzo(a)anthracene
Concen: 44.34 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF090066.D
Acq: 12 Sep 2016 16:31

Tgt Ion	Resp	Lower	Upper
228	1058861		
226	27.4	22.2	33.2
229	19.8	15.8	23.6

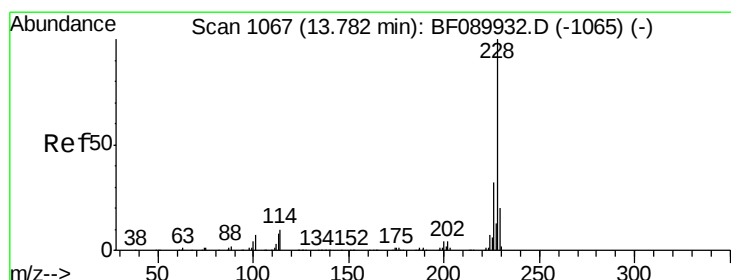
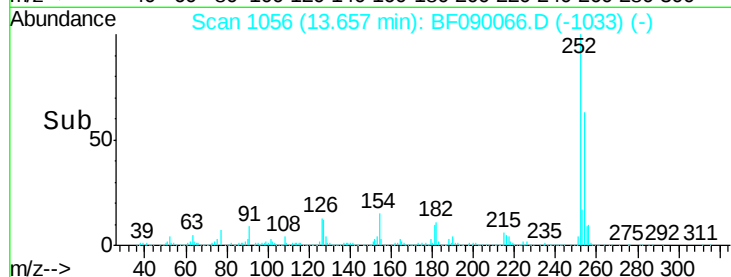
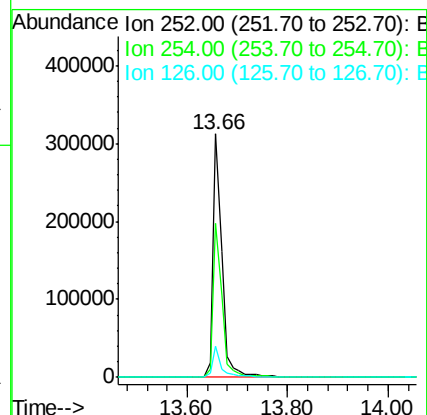
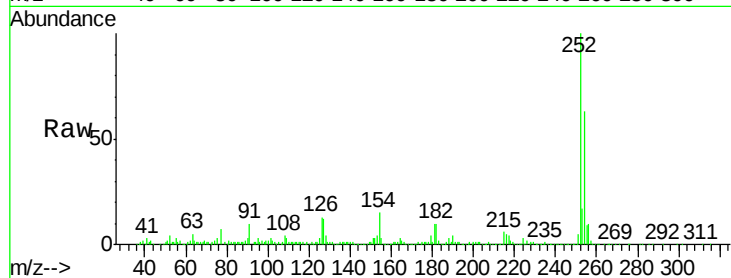




#81
 3,3'-Dichlorobenzidine
 Concen: 45.20 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.03 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

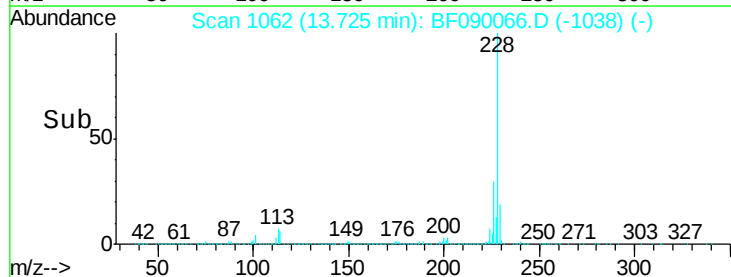
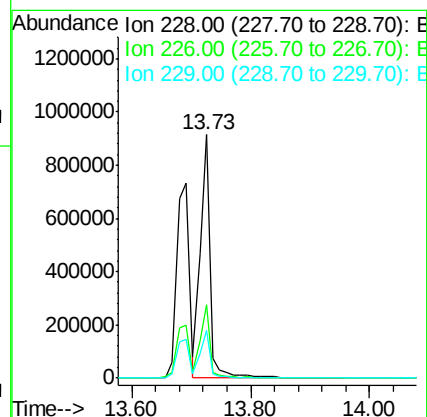
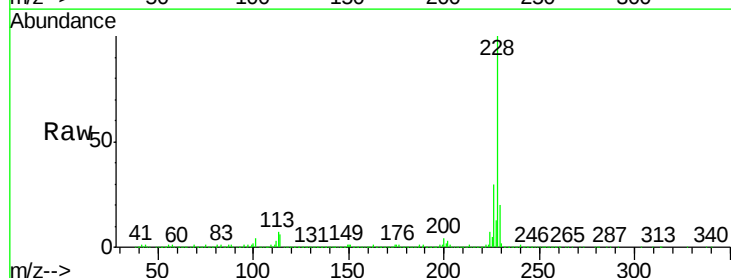
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

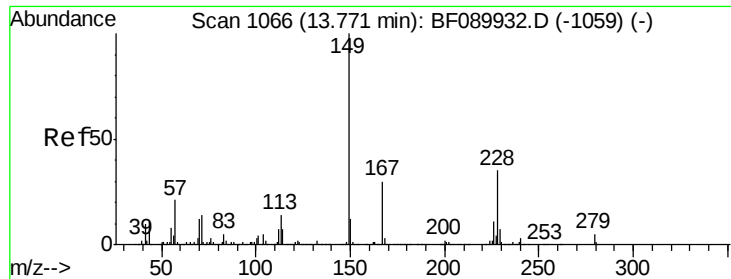
Tgt Ion:252 Resp: 389599
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.3 76.9
 126 12.7 12.3 18.5



#82
 Chrysene
 Concen: 48.05 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:228 Resp: 1071729
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.2 37.8
 229 19.6 16.2 24.2

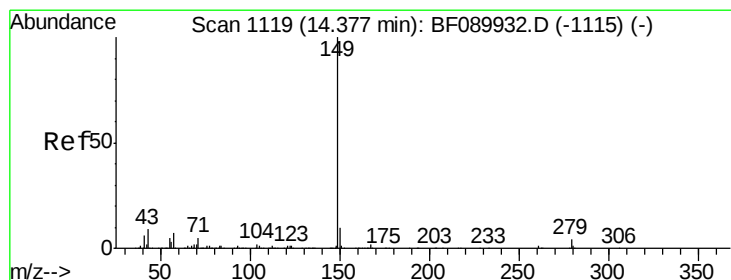
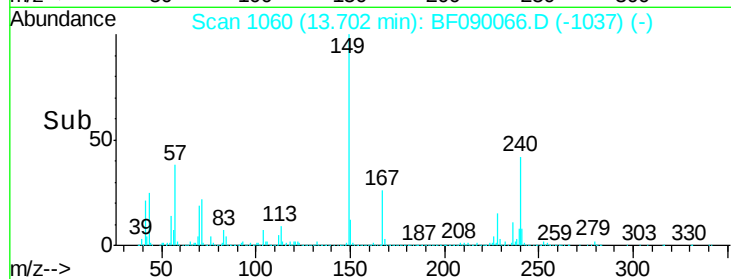
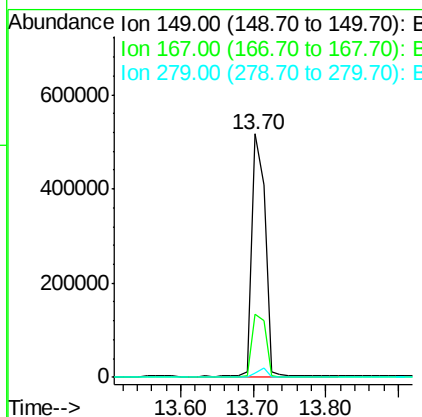
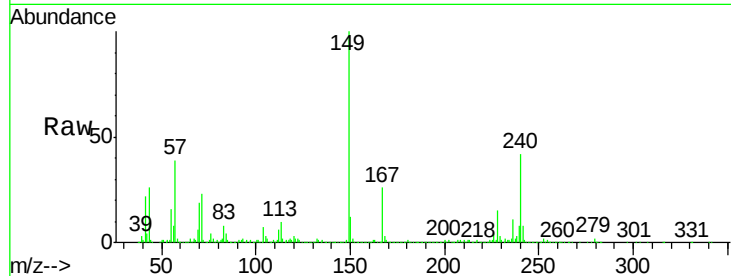




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.80 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

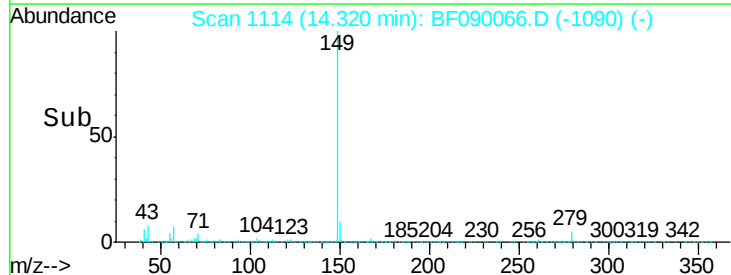
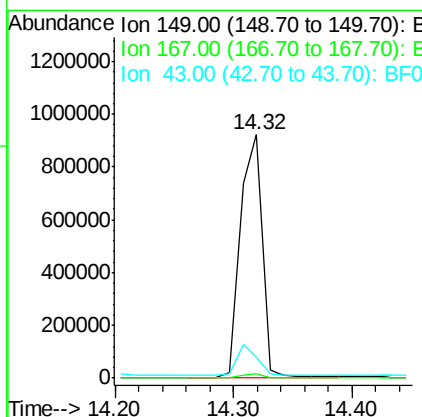
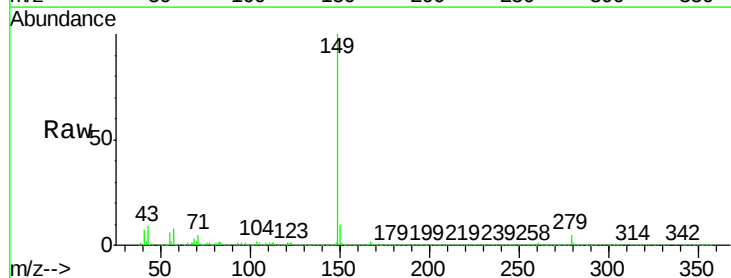
Instrument :
 BNA_F
 ClientSampleId :
 SP-1AMS

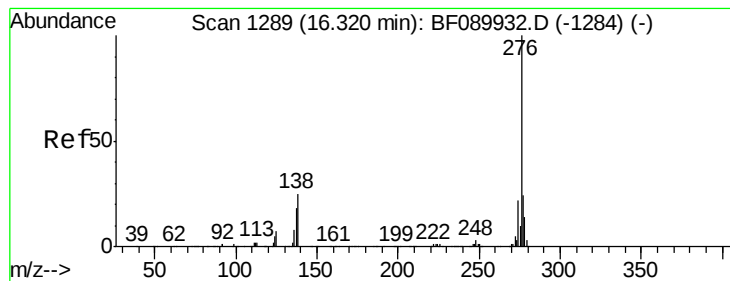
Tgt Ion:149 Resp: 656192
 Ion Ratio Lower Upper
 149 100
 167 26.0 23.6 35.4
 279 1.9 3.4 5.2#



#84
 Di-n-octyl phthalate
 Concen: 47.51 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. -0.02 min
 Lab File: BF090066.D
 Acq: 12 Sep 2016 16:31

Tgt Ion:149 Resp: 1175844
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.9 9.3 13.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.90 ng

RT: 16.24 min Scan# 1282

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

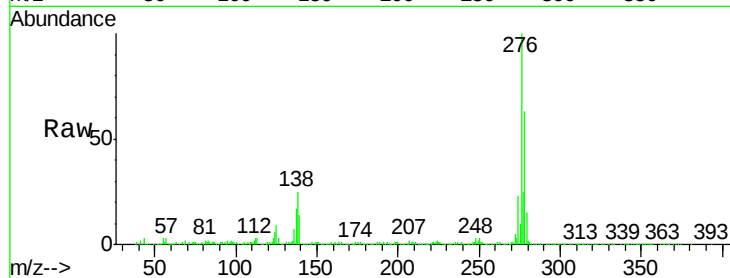
Tgt Ion: 276 Resp: 756911

Ion Ratio Lower Upper

276 100

138 27.3 22.6 34.0

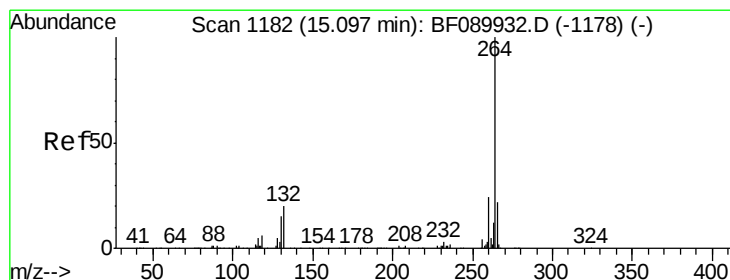
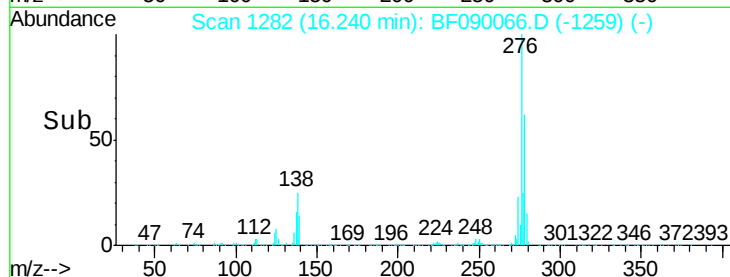
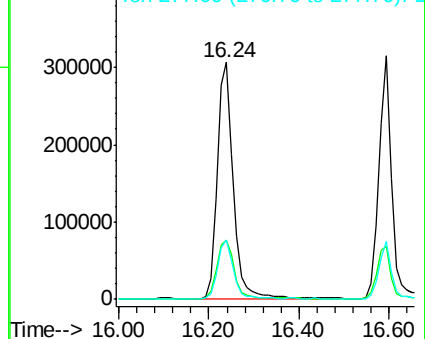
277 24.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1176

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

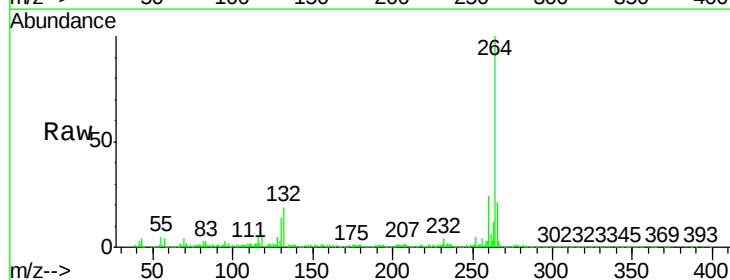
Tgt Ion: 264 Resp: 336234

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

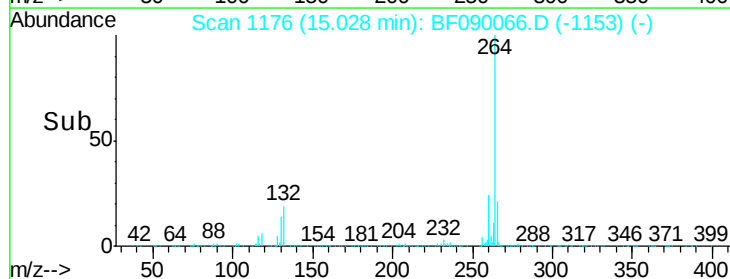
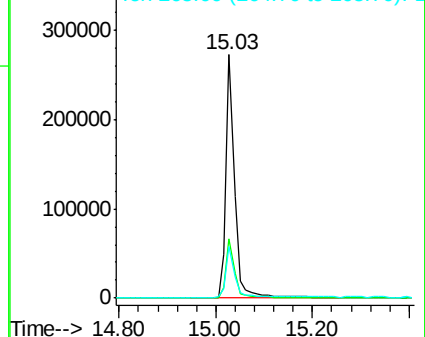
265 21.4 17.4 26.2

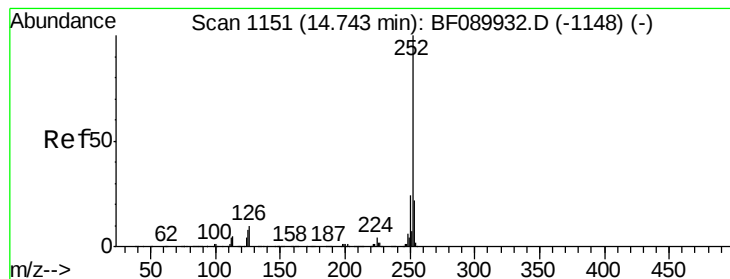


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 80.42 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

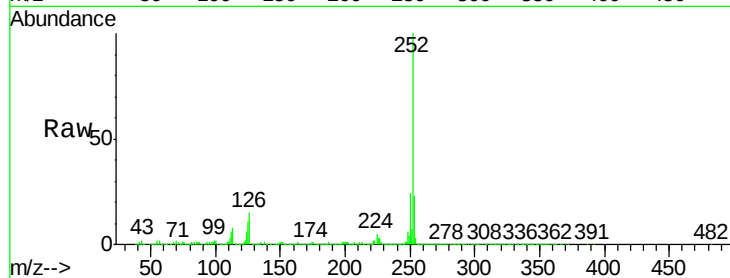
Tgt Ion:252 Resp: 1693898

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

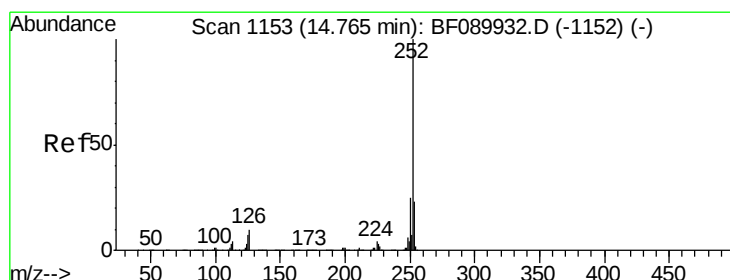
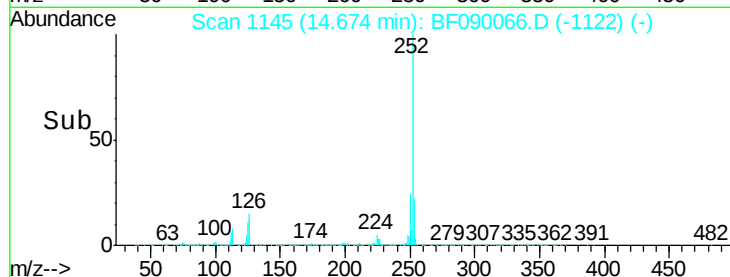
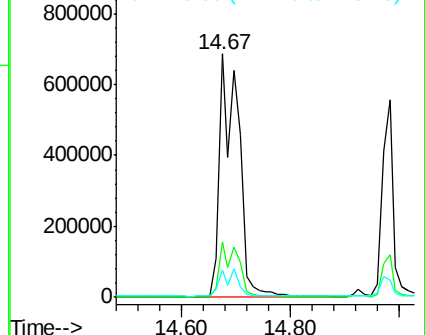
125 11.3 5.7 8.5#



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



#88

Benzo(k)fluoranthene

Concen: 94.77 ng

RT: 14.67 min Scan# 1145

Delta R.T. -0.06 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

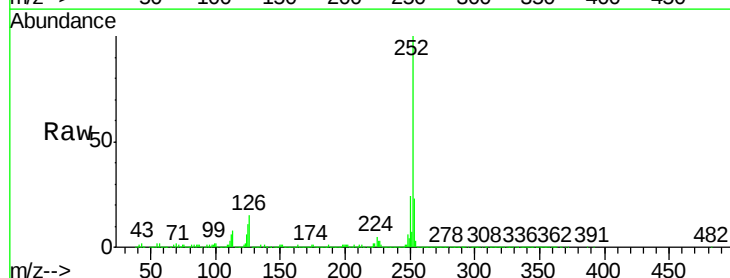
Tgt Ion:252 Resp: 1693898

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

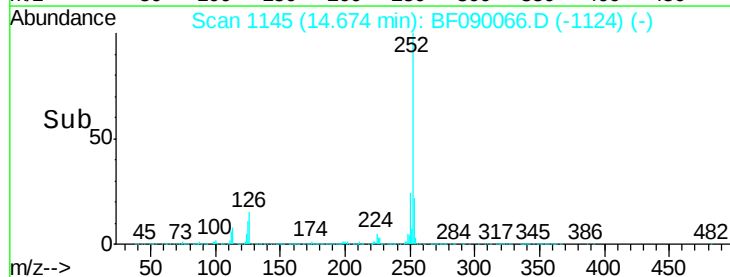
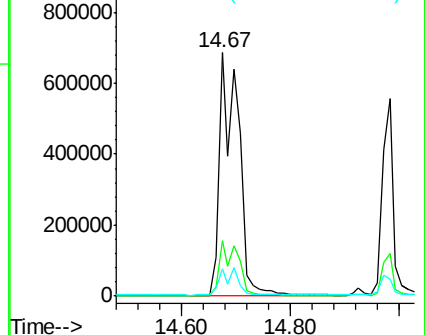
125 11.3 7.3 10.9#

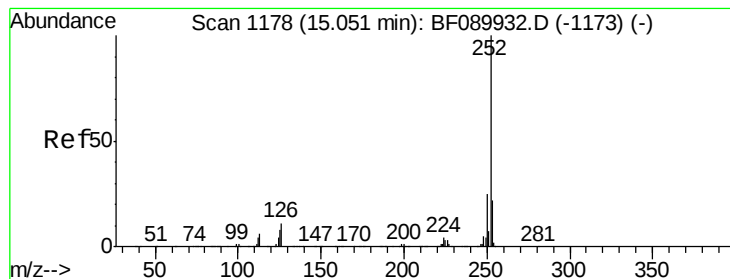


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.16 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

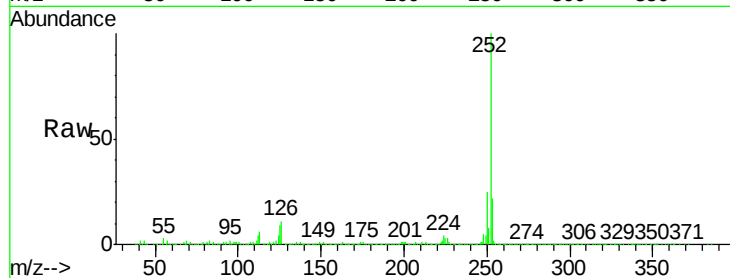
Tgt Ion: 252 Resp: 814908

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

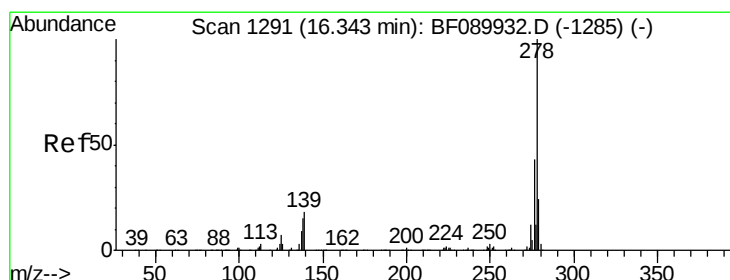
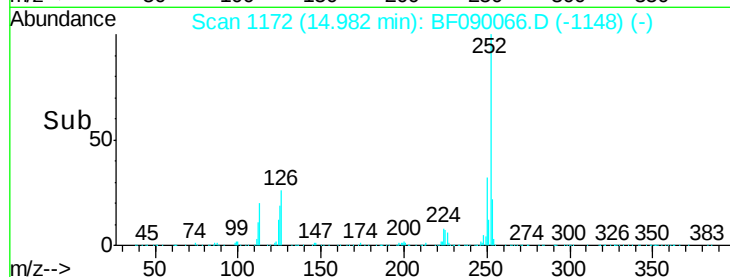
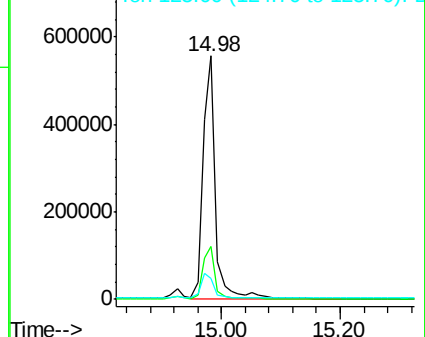
125 8.6 6.3 9.5



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: 47.24 ng

RT: 16.25 min Scan# 1283

Delta R.T. -0.05 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

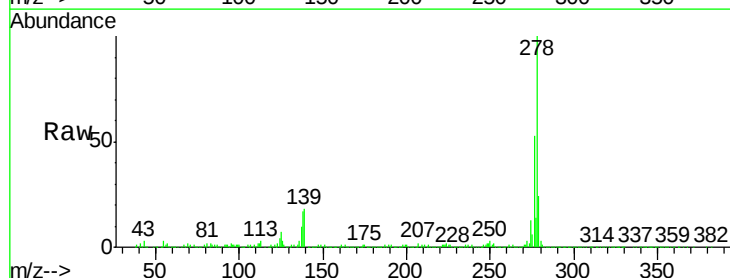
Tgt Ion: 278 Resp: 624629

Ion Ratio Lower Upper

278 100

139 17.8 13.4 20.2

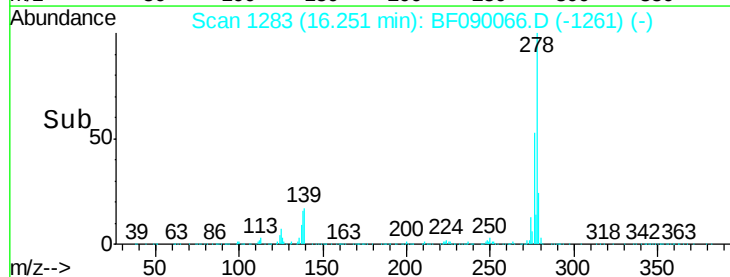
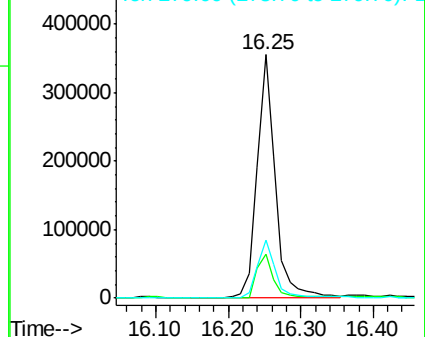
279 24.0 19.4 29.2

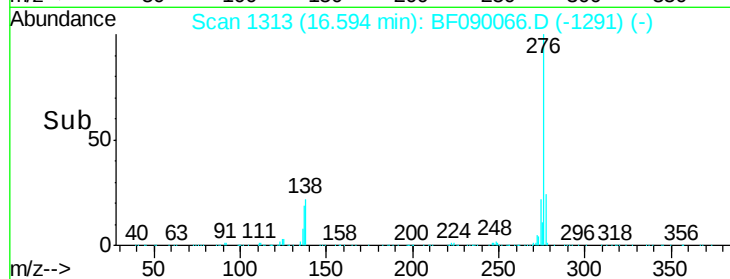
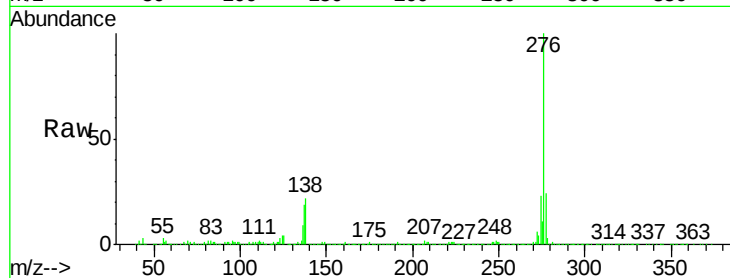
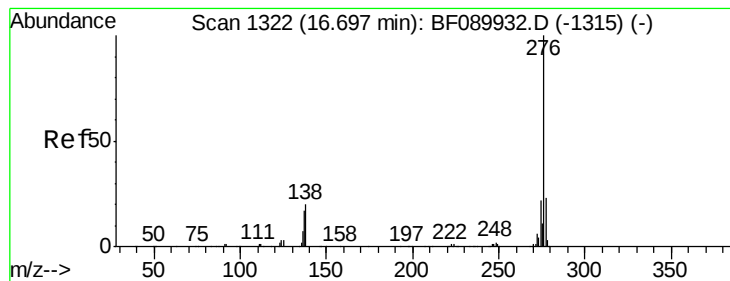


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.02 ng

RT: 16.59 min Scan# 1313

Delta R.T. -0.05 min

Lab File: BF090066.D

Acq: 12 Sep 2016 16:31

Instrument :

BNA_F

ClientSampleId :

SP-1AMS

Tgt Ion:276 Resp: 625785

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.9 16.4 24.6

