

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090349.D
 Acq On : 4 Oct 2016 18:39
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 05 01:12:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	218822	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	840368	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	362617	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	522760	20.00	ng	0.00
75) Chrysene-d12	14.19	240	388337	20.00	ng	0.00
86) Perylene-d12	15.70	264	355246	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1093857	78.84	ng	0.00
7) Phenol-d6	6.62	99	1371589	79.09	ng	0.00
23) Nitrobenzene-d5	7.57	82	1321062	91.63	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	205416	65.22	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2044552	91.93	ng	0.00
78) Terphenyl-d14	13.14	244	1506356	90.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	278592	41.14	ng	# 93
3) Pyridine	3.48	79	768351	42.80	ng	# 84
4) n-Nitrosodimethylamine	3.42	42	303122	46.62	ng	# 61
6) Aniline	6.67	93	974632	40.90	ng	99
8) 2-Chlorophenol	6.79	128	633045	40.61	ng	91
9) Benzaldehyde	6.55	77	312963	38.88	ng	99
10) Phenol	6.63	94	762039	36.13	ng	99
11) bis(2-Chloroethyl)ether	6.74	93	575535	38.43	ng	88
12) 1,3-Dichlorobenzene	6.95	146	652171	40.28	ng	99
13) 1,4-Dichlorobenzene	7.02	146	613422	37.31	ng	96
14) 1,2-Dichlorobenzene	7.18	146	646112	41.34	ng	99
15) Benzyl Alcohol	7.15	79	472994	38.69	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1006555	43.97	ng	96
17) 2-Methylphenol	7.25	107	476215	39.44	ng	99
18) Hexachloroethane	7.53	117	240883	40.49	ng	# 89
19) n-Nitroso-di-n-propylamine	7.42	70	500151	45.16	ng	# 82
20) 3+4-Methylphenols	7.41	107	656484	42.76	ng	# 70
22) Acetophenone	7.41	105	781158	40.15	ng	# 94
24) Nitrobenzene	7.59	77	697205	45.29	ng	# 87
25) Isophorone	7.83	82	1180815	43.05	ng	95
26) 2-Nitrophenol	7.90	139	253709	42.71	ng	# 63
27) 2,4-Dimethylphenol	7.94	122	529058	39.48	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	728514	42.78	ng	# 97
29) 2,4-Dichlorophenol	8.14	162	409198	37.30	ng	87
30) 1,2,4-Trichlorobenzene	8.23	180	452747	36.85	ng	99
31) Naphthalene	8.33	128	1573354	39.17	ng	96
32) Benzoic acid	8.03	122	319922	38.33	ng	95
33) 4-Chloroaniline	8.36	127	648377	40.41	ng	99
34) Hexachlorobutadiene	8.44	225	260128	35.97	ng	99
35) Caprolactam	8.71	113	111428	38.84	ng	99
36) 4-Chloro-3-methylphenol	8.84	107	461709	39.19	ng	# 83
37) 2-Methylnaphthalene	9.01	142	1002771	39.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	423697	41.39	ng	98
40) Hexachlorocyclopentadiene	9.17	237	275441	43.08	ng	99

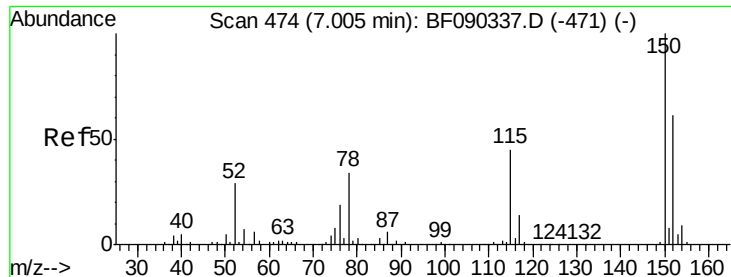
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	316710	49.19	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	262760	40.56	ng	97
45) 1,1'-Biphenyl	9.48	154	1242810	44.27	ng	95
46) 2-Chloronaphthalene	9.50	162	943619	44.78	ng	96
47) 2-Nitroaniline	9.58	65	271582	47.22	ng	# 79
48) Acenaphthylene	9.91	152	1332112	41.79	ng	98
49) Dimethylphthalate	9.78	163	880642	41.03	ng	96
50) 2,6-Dinitrotoluene	9.83	165	209495	44.61	ng	# 70
51) Acenaphthene	10.09	154	789261	40.68	ng	97
52) 3-Nitroaniline	9.99	138	207319	38.98	ng	85
53) 2,4-Dinitrophenol	10.10	184	67736	42.88	ng	# 1
54) Dibenzofuran	10.26	168	1019387	39.74	ng	91
55) 4-Nitrophenol	10.14	139	192615	45.48	ng	95
56) 2,4-Dinitrotoluene	10.23	165	260741	46.13	ng	# 71
57) Fluorene	10.60	166	856842	39.93	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	169796	37.16	ng	# 80
59) Diethylphthalate	10.47	149	903908	41.20	ng	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	435690	42.82	ng	94
61) 4-Nitroaniline	10.61	138	224733	46.97	ng	89
62) Azobenzene	10.76	77	1101208	48.16	ng	90
64) 4,6-Dinitro-2-methylphenol	10.63	198	92120	41.19	ng	86
65) n-Nitrosodiphenylamine	10.71	169	799616	44.86	ng	99
66) 4-Bromophenyl-phenylether	11.09	248	230177	40.75	ng	93
67) Hexachlorobenzene	11.16	284	249783	37.62	ng	# 86
68) Atrazine	11.24	200	147660	34.60	ng	94
69) Pentachlorophenol	11.34	266	141870	38.12	ng	98
70) Phenanthrene	11.57	178	1164564	41.52	ng	96
71) Anthracene	11.62	178	1091697	39.00	ng	98
72) Carbazole	11.77	167	1023082	39.75	ng	97
73) Di-n-butylphthalate	12.11	149	1339070	43.54	ng	97
74) Fluoranthene	12.76	202	1054457	39.64	ng	98
76) Benzidine	12.87	184	259680	24.32	ng	97
77) Pyrene	12.99	202	1056084	42.47	ng	98
79) Butylbenzylphthalate	13.61	149	482228	49.21	ng	# 66
80) Benzo(a)anthracene	14.18	228	920333	42.26	ng	97
81) 3,3'-Dichlorobenzidine	14.14	252	358072	47.73	ng	# 97
82) Chrysene	14.22	228	876221	42.94	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	777013	49.57	ng	# 99
84) Di-n-octyl phthalate	14.80	149	1214494	53.32	ng	94
85) Indeno(1,2,3-cd)pyrene	17.22	276	949101	43.28	ng	95
87) Benzo(b)fluoranthene	15.25	252	804646	39.39	ng	# 96
88) Benzo(k)fluoranthene	15.25	252	804646	41.23	ng	99
89) Benzo(a)pyrene	15.63	252	783359	42.04	ng	# 96
90) Dibenzo(a,h)anthracene	17.24	278	794240	43.47	ng	97
91) Benzo(g,h,i)perylene	17.68	276	781265	43.65	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 409

Delta R.T. 0.01 min

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SSTDCCC040EC

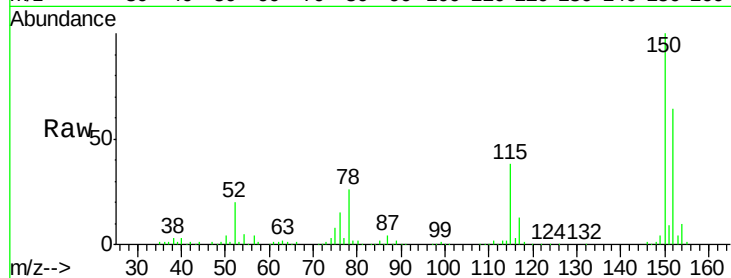
Tgt Ion:152 Resp: 218822

Ion Ratio Lower Upper

152 100

150 157.1 124.6 186.8

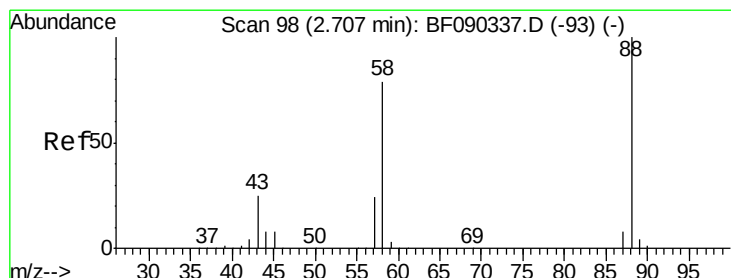
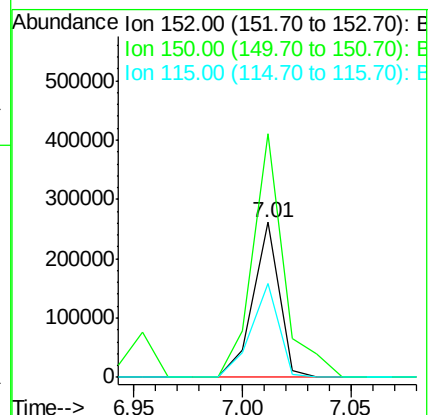
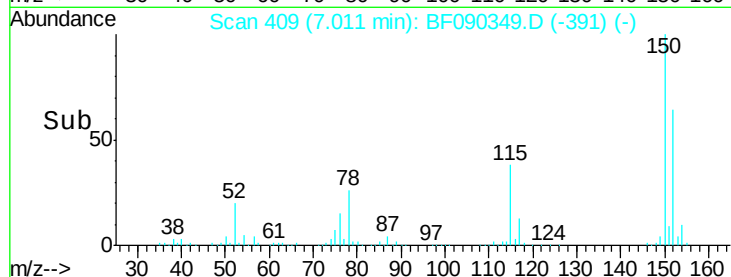
115 60.4 46.2 69.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.14 ng

RT: 2.70 min Scan# 32

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

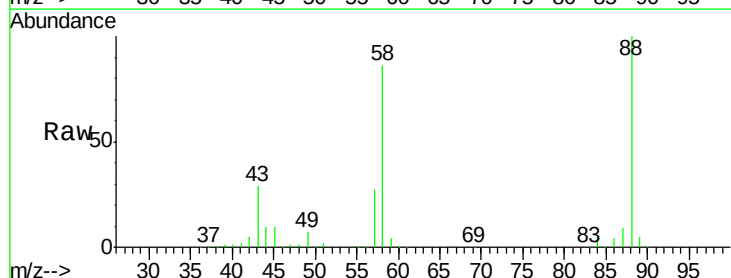
Tgt Ion: 88 Resp: 278592

Ion Ratio Lower Upper

88 100

58 85.1 71.2 106.8

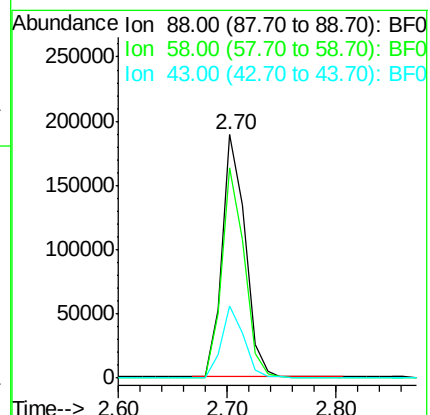
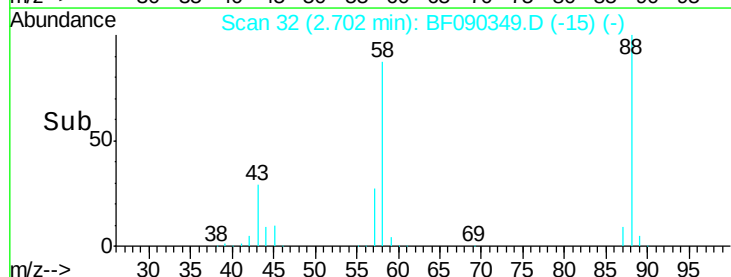
43 28.2 29.8 44.6#

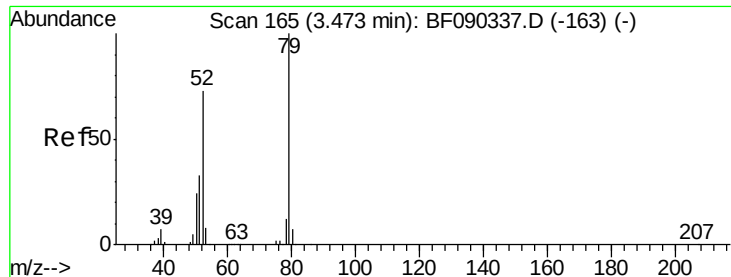


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.80 ng

RT: 3.48 min Scan# 100

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

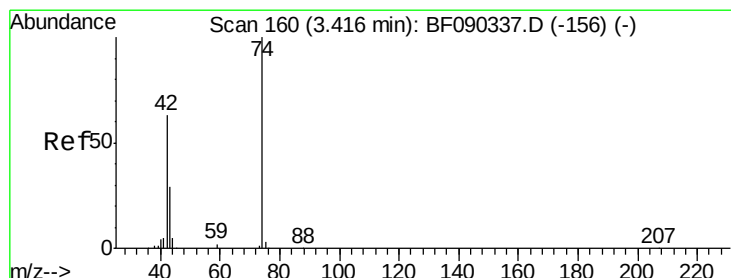
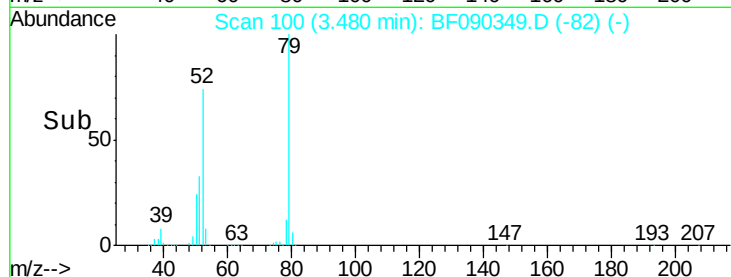
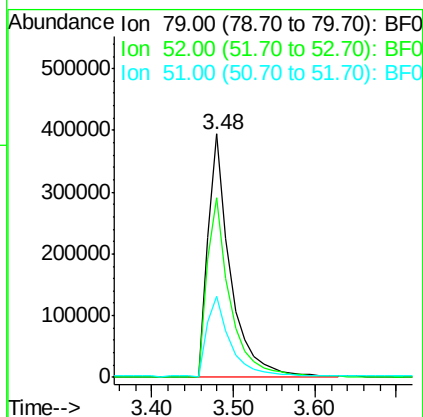
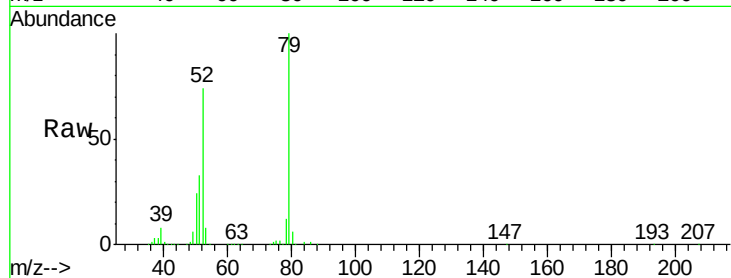
Tgt Ion: 79 Resp: 768351

Ion Ratio Lower Upper

79 100

52 74.0 71.3 106.9

51 33.4 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 46.62 ng

RT: 3.42 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

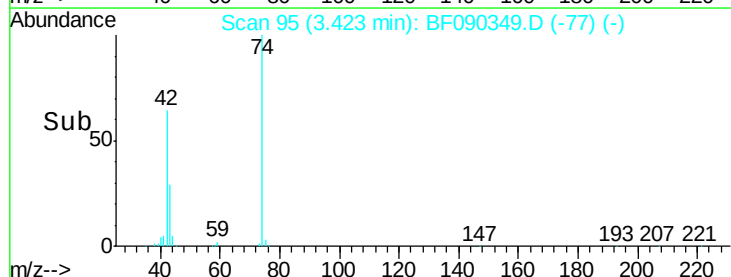
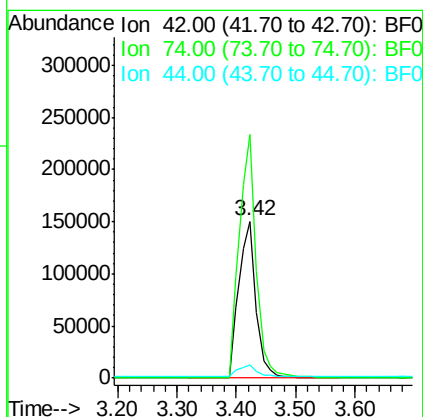
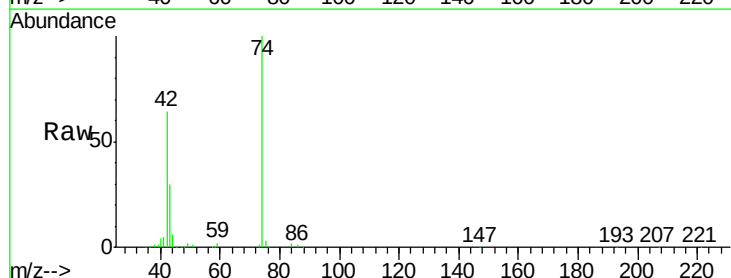
Tgt Ion: 42 Resp: 303122

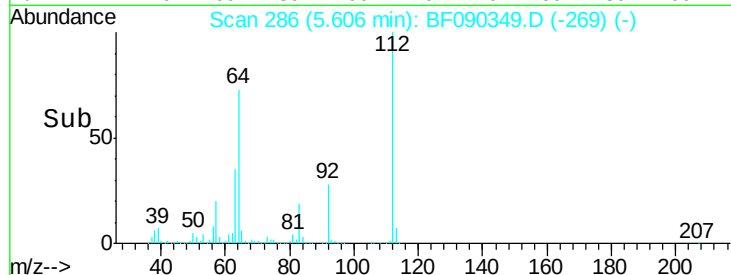
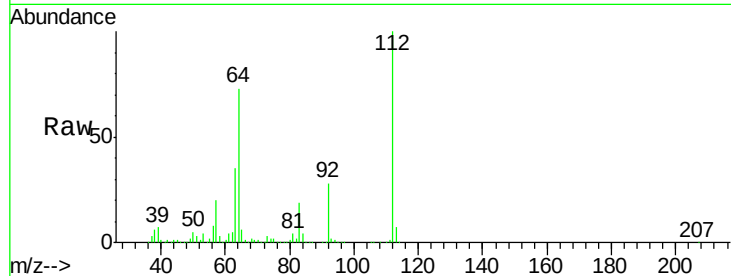
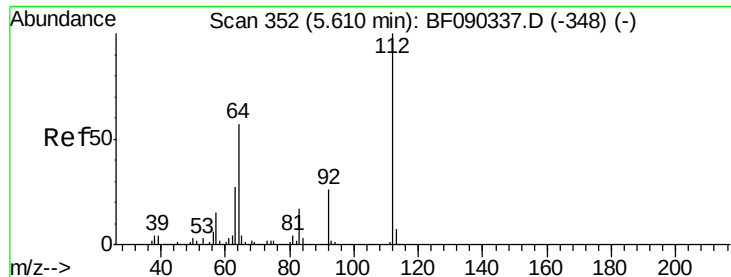
Ion Ratio Lower Upper

42 100

74 155.4 88.9 133.3#

44 8.7 6.5 9.7

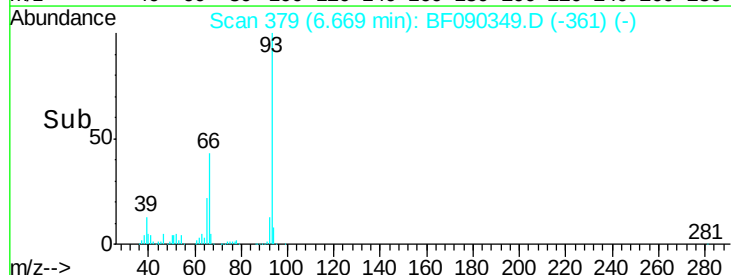
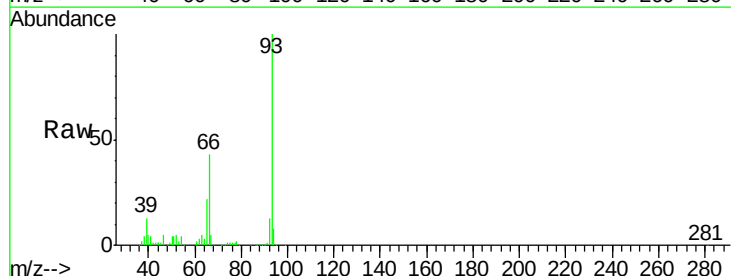
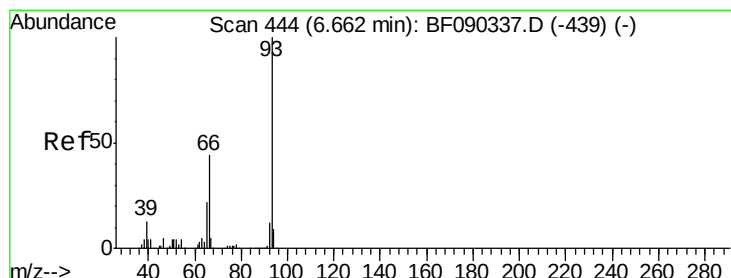
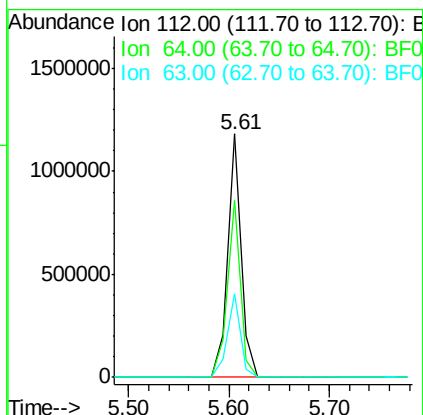




#5
2-Fluorophenol
Concen: 78.84 ng
RT: 5.61 min Scan# 286
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

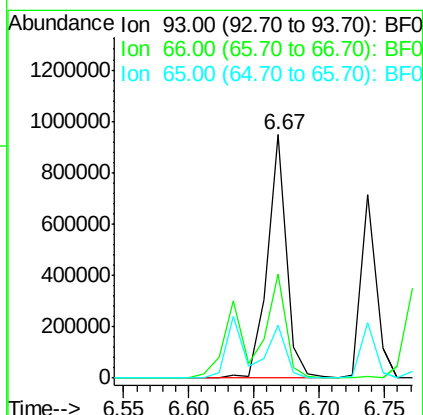
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

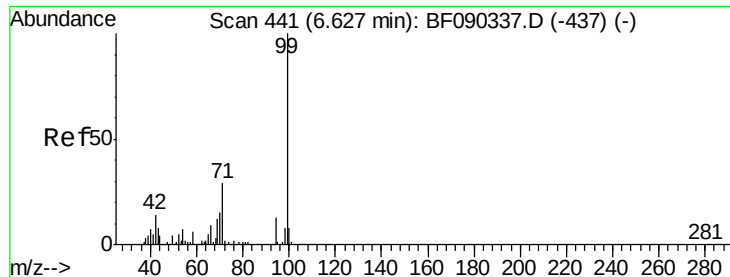
Tgt Ion: 112 Resp: 1093857
Ion Ratio Lower Upper
112 100
64 72.5 57.9 86.9
63 34.6 29.6 44.4



#6
Aniline
Concen: 40.90 ng
RT: 6.67 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion: 93 Resp: 974632
Ion Ratio Lower Upper
93 100
66 42.8 34.5 51.7
65 21.8 18.2 27.2





#7

Phenol-d6

Concen: 79.09 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

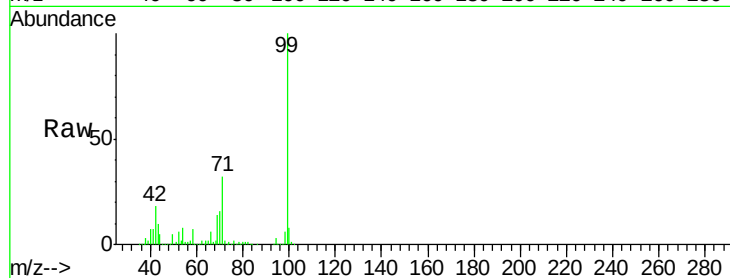
Tgt Ion: 99 Resp: 1371589

Ion Ratio Lower Upper

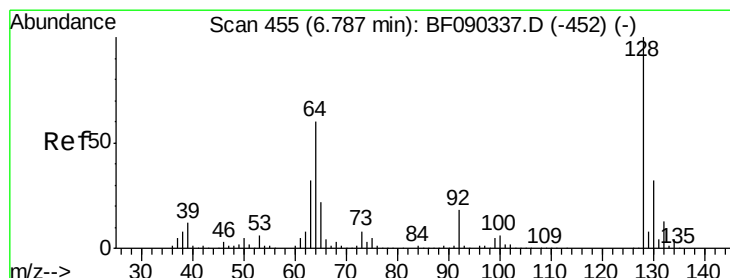
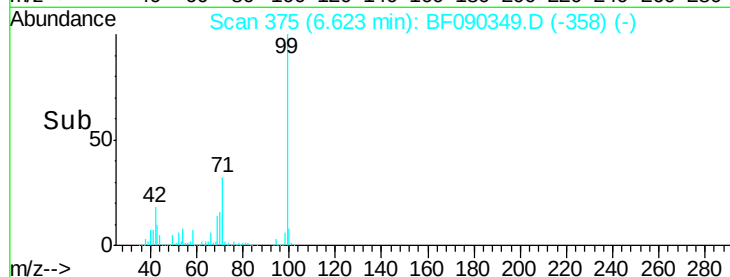
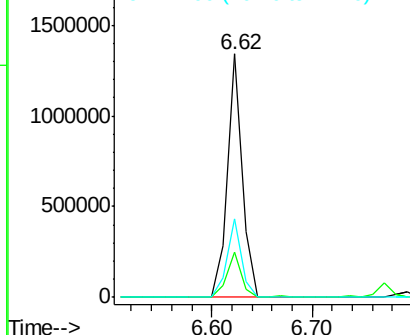
99 100

42 18.4 20.0 30.0#

71 32.5 27.9 41.9



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: 40.61 ng

RT: 6.79 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

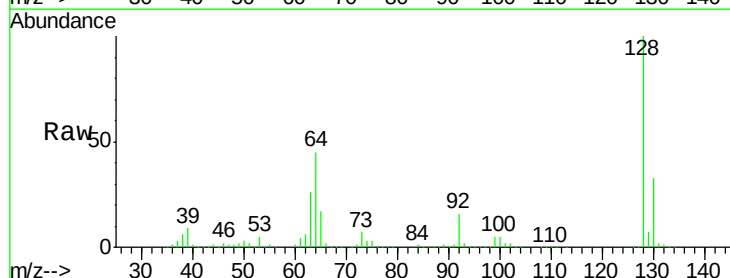
Tgt Ion: 128 Resp: 633045

Ion Ratio Lower Upper

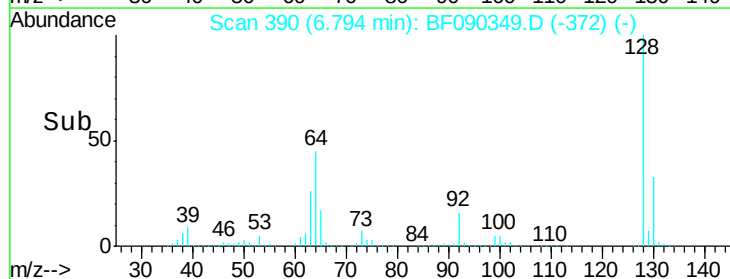
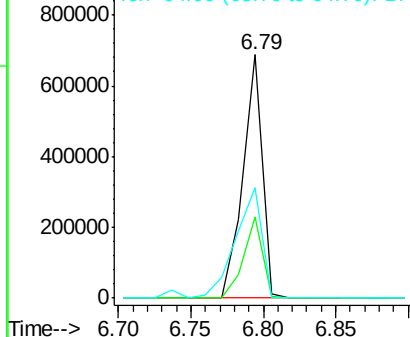
128 100

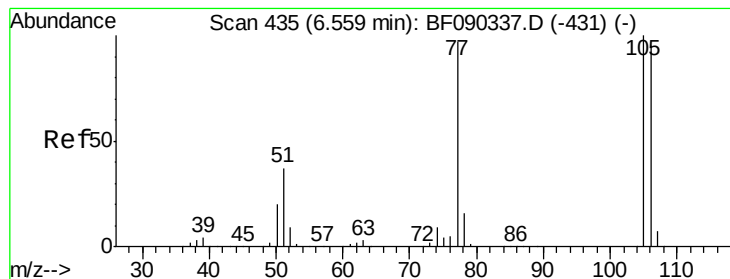
130 33.4 13.3 53.3

64 45.4 36.0 76.0



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: 38.88 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

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SSTDCCC040EC

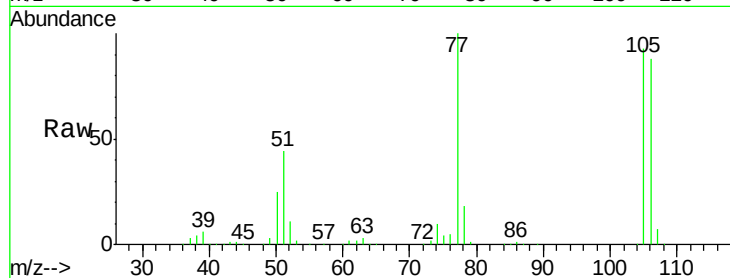
Tgt Ion: 77 Resp: 312963

Ion Ratio Lower Upper

77 100

105 93.0 73.1 113.1

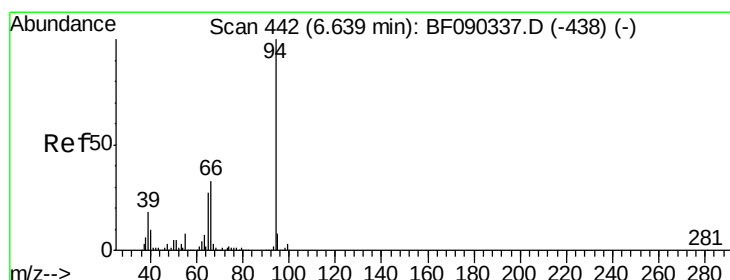
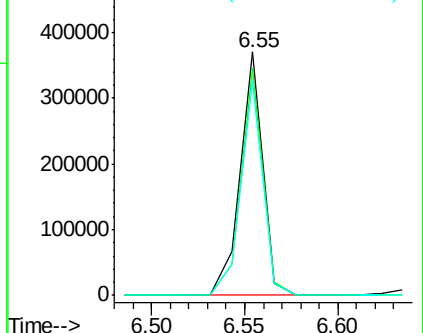
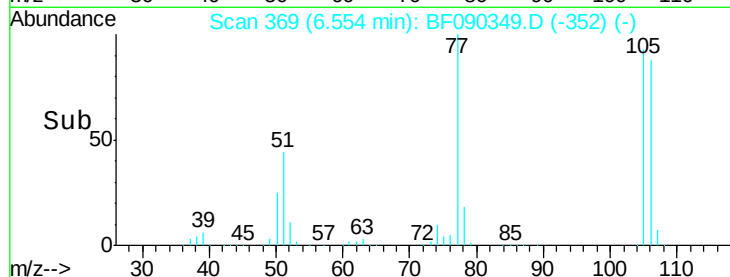
106 87.8 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.13 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

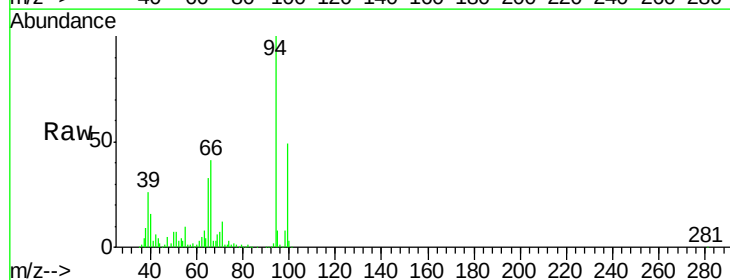
Tgt Ion: 94 Resp: 762039

Ion Ratio Lower Upper

94 100

65 33.1 13.3 53.3

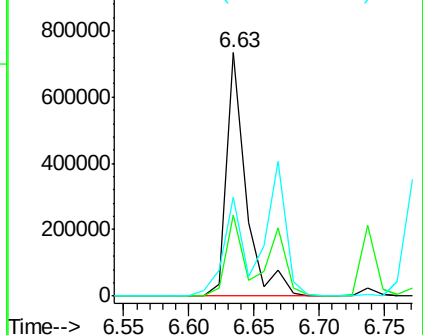
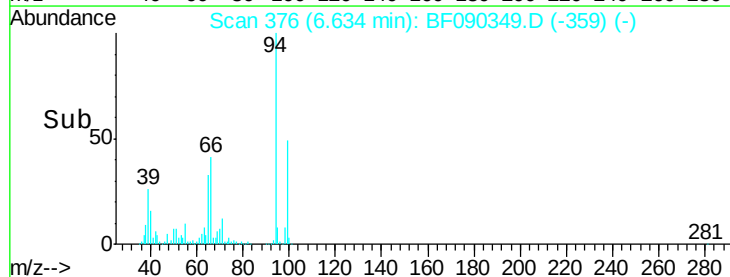
66 40.8 20.4 60.4

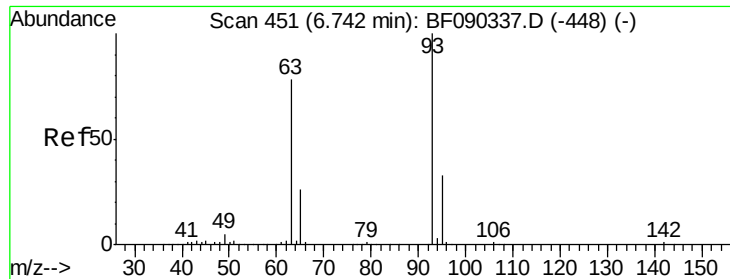


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

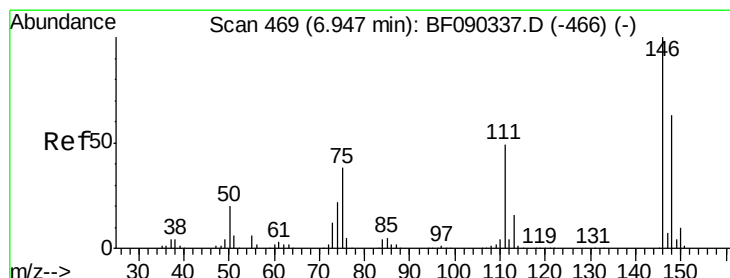
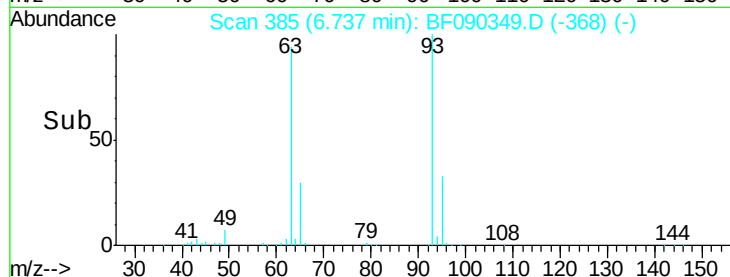
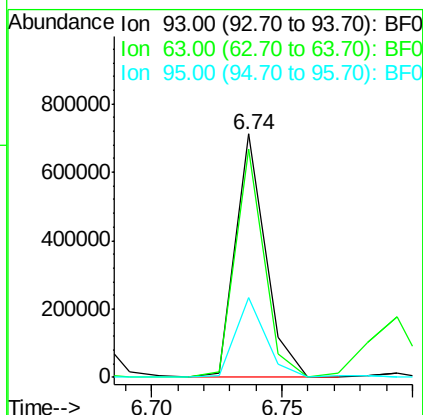
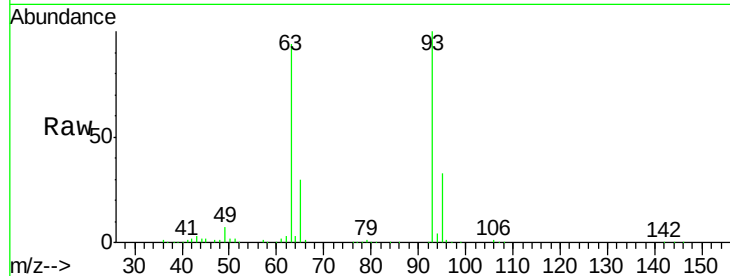




#11
bis(2-Chloroethyl)ether
Concen: 38.43 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

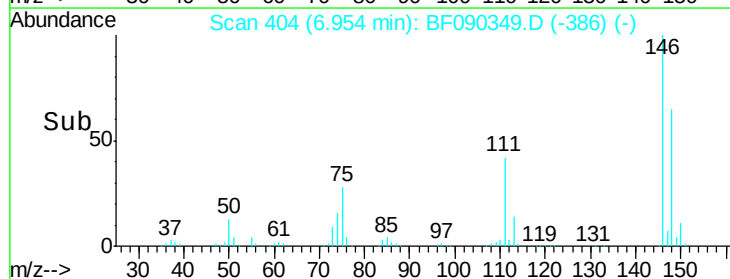
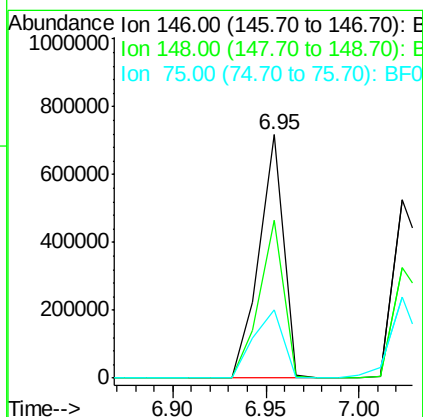
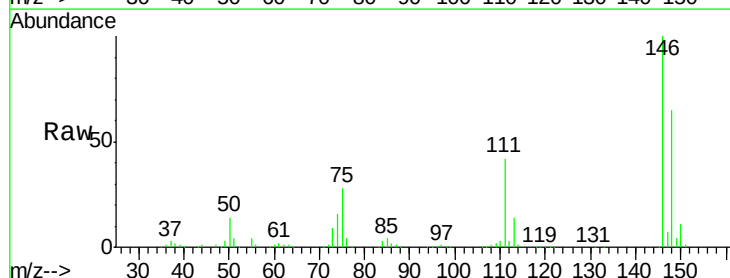
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

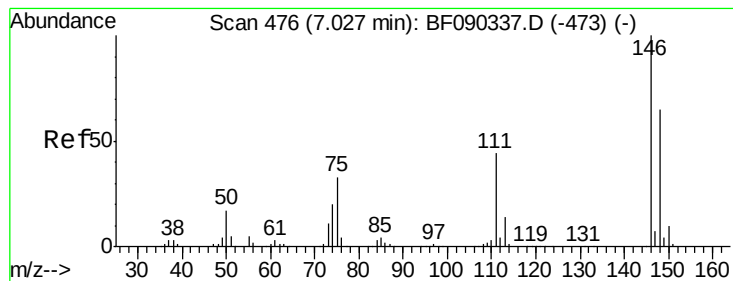
Tgt Ion: 93 Resp: 575535
Ion Ratio Lower Upper
93 100
63 94.0 59.7 99.7
95 32.9 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 40.28 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion: 146 Resp: 652171
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.4
75 28.2 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 37.31 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

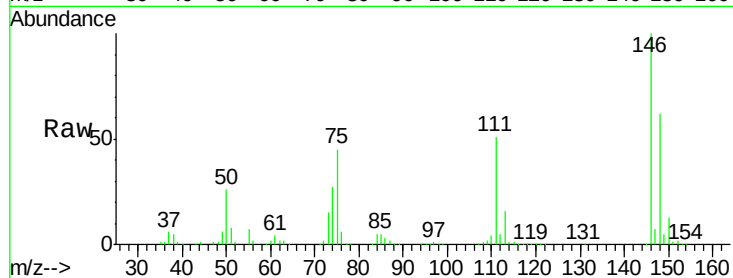
Tgt Ion:146 Resp: 613422

Ion Ratio Lower Upper

146 100

148 62.2 51.1 76.7

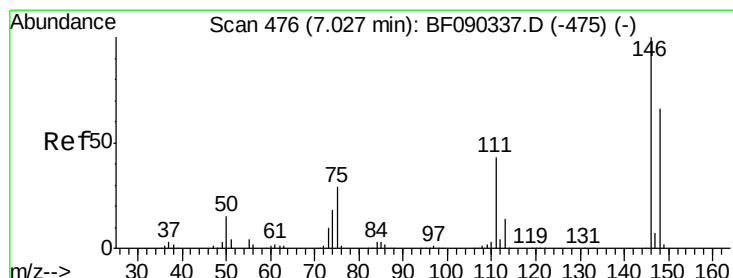
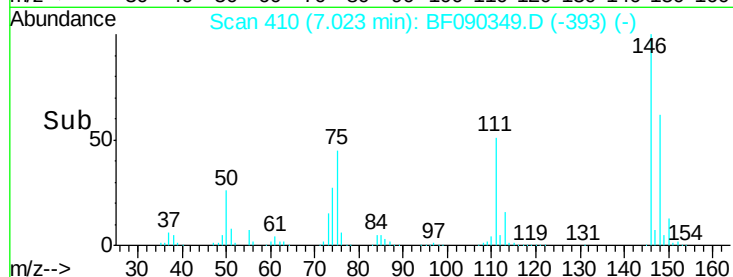
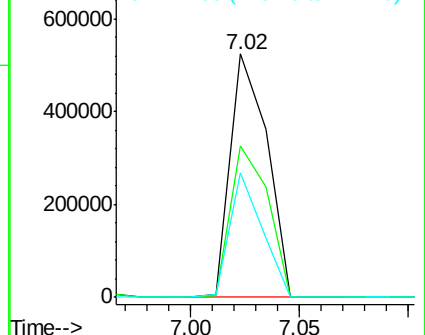
111 51.1 37.8 56.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.34 ng

RT: 7.18 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

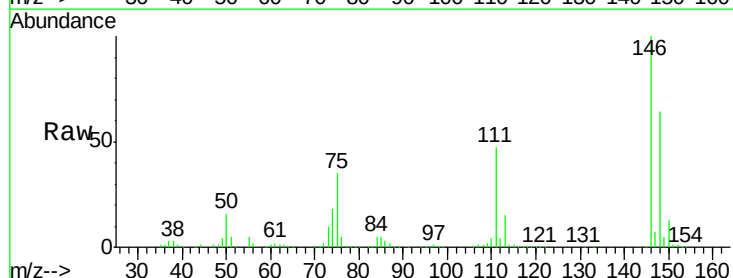
Tgt Ion:146 Resp: 646112

Ion Ratio Lower Upper

146 100

148 64.1 52.3 78.5

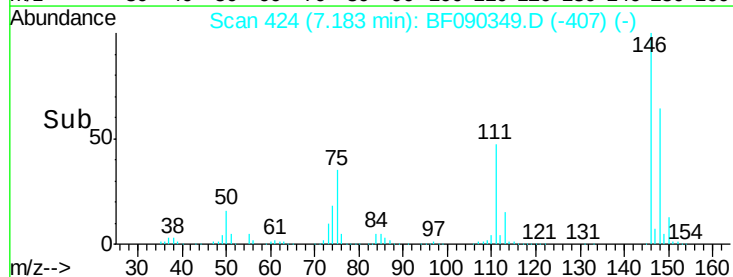
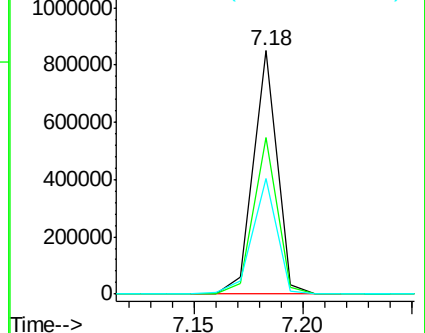
111 47.4 38.2 57.4

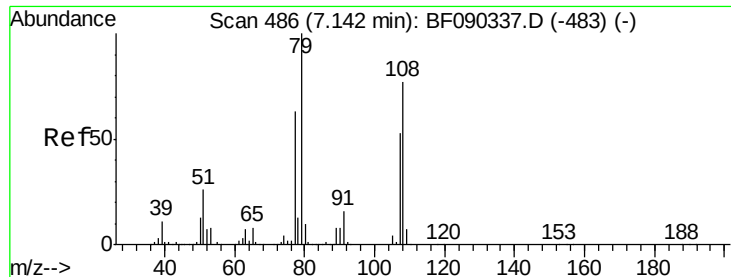


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.69 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

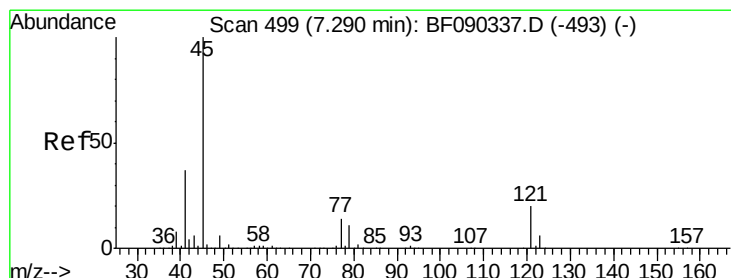
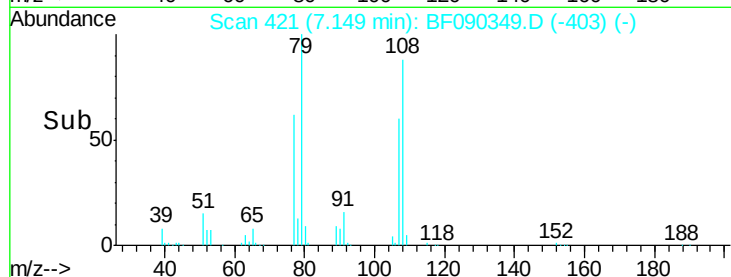
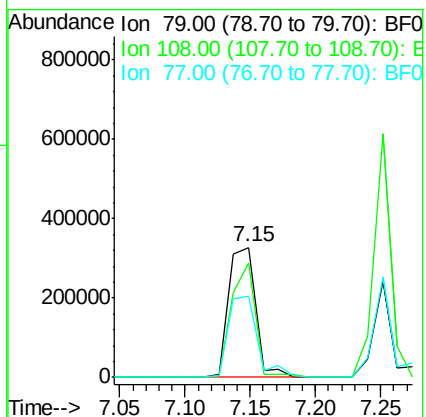
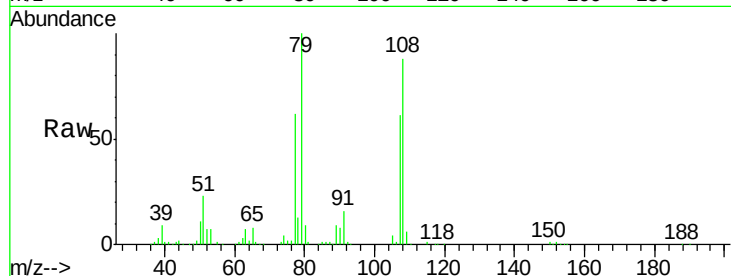
Tgt Ion: 79 Resp: 472994

Ion Ratio Lower Upper

79 100

108 88.2 60.9 91.3

77 62.2 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.97 ng

RT: 7.29 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

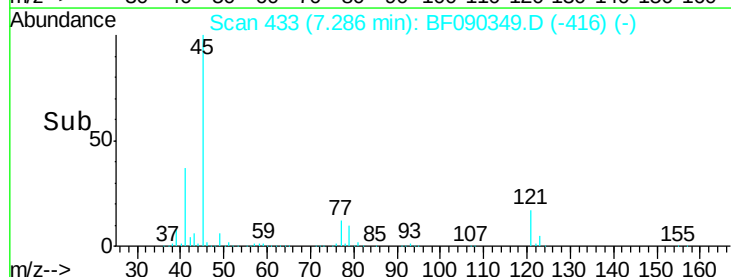
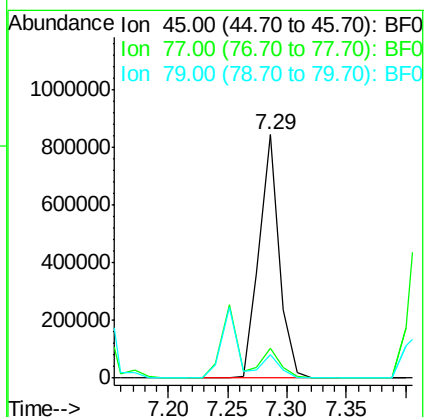
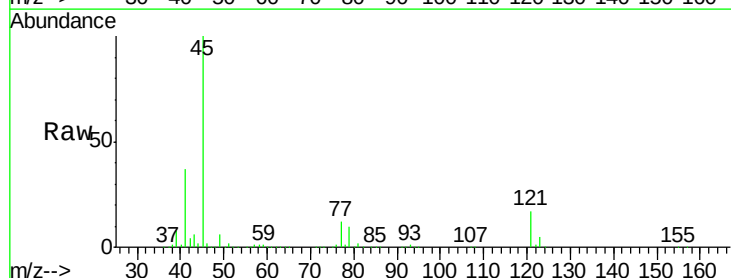
Tgt Ion: 45 Resp: 1006555

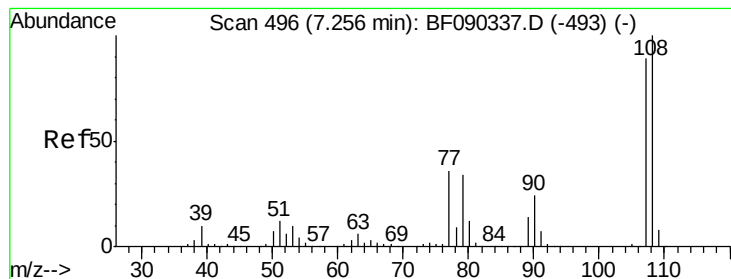
Ion Ratio Lower Upper

45 100

77 12.3 0.0 30.8

79 9.7 0.0 28.2





#17

2-Methylphenol

Concen: 39.44 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 476215

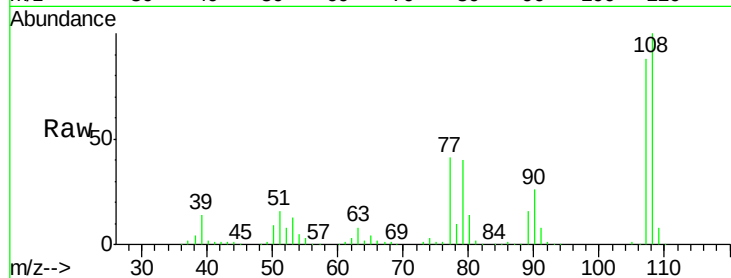
Ion Ratio Lower Upper

107 100

108 114.2 90.9 136.3

77 47.2 38.2 57.4

79 45.5 37.0 55.4

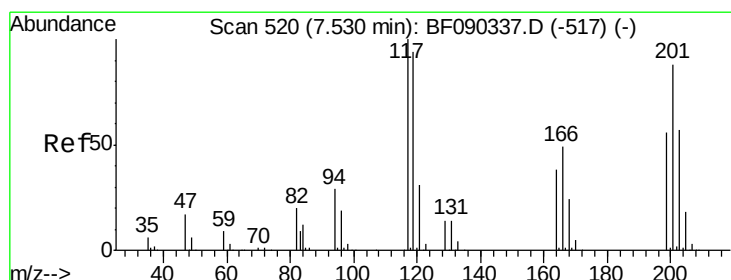
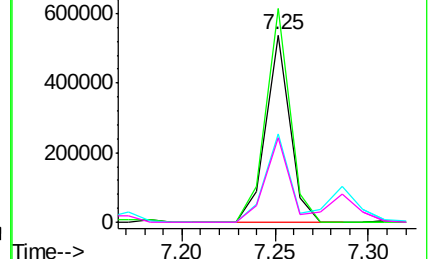
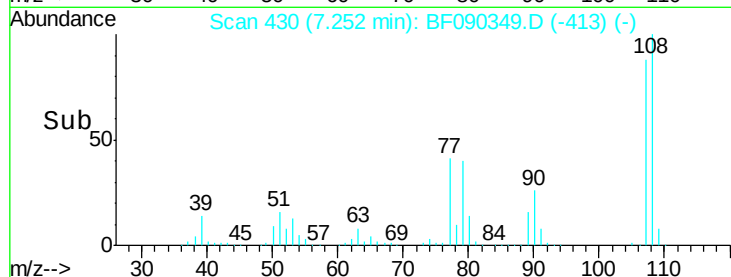


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.49 ng

RT: 7.53 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

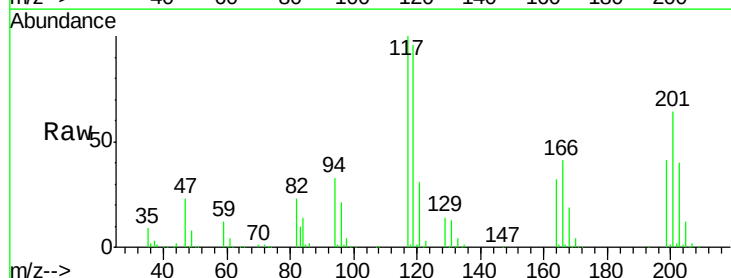
Tgt Ion:117 Resp: 240883

Ion Ratio Lower Upper

117 100

119 96.2 75.9 113.9

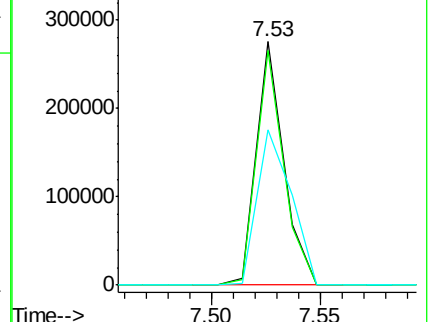
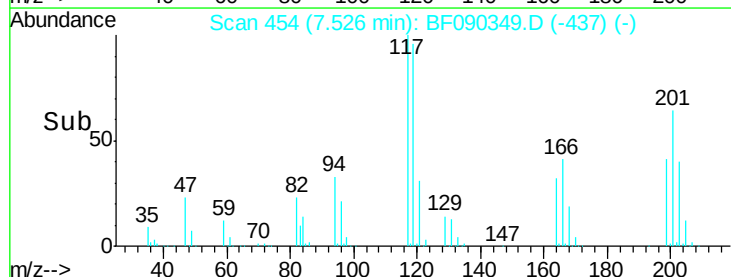
201 63.6 66.5 99.7#

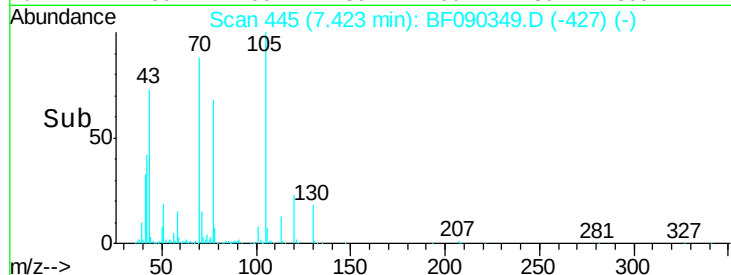
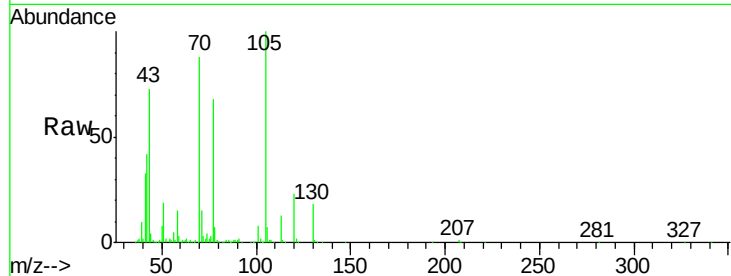
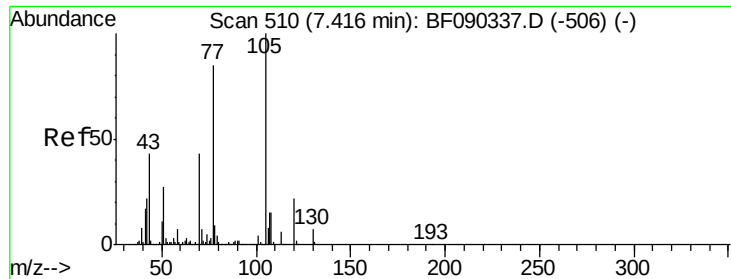


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

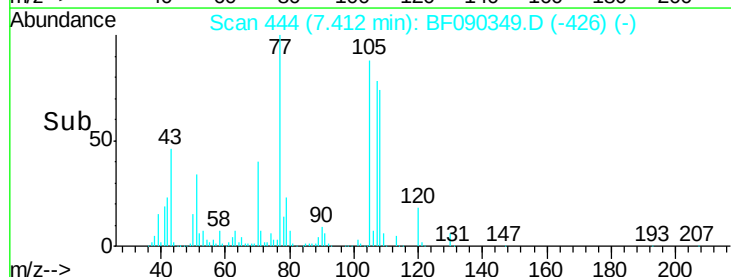
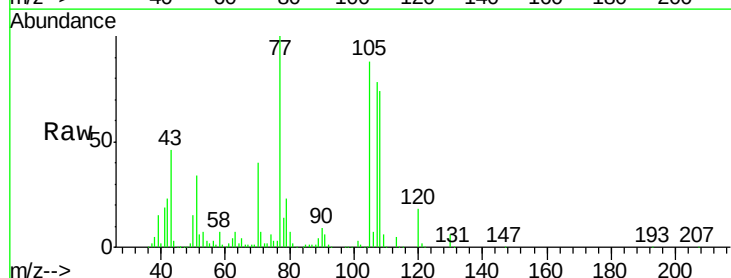
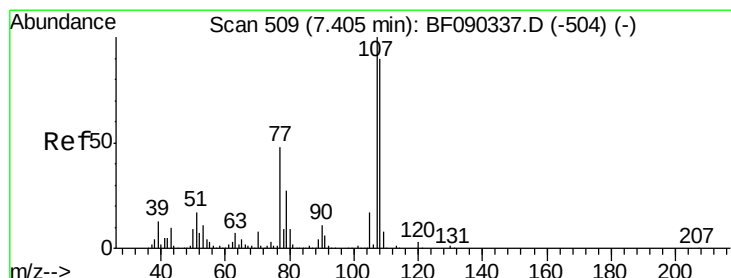
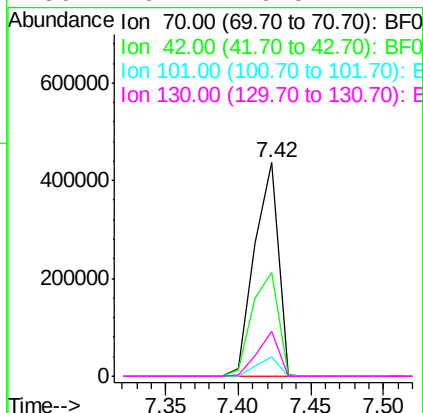




#19
n-Nitroso-di-n-propylamine
Concen: 45.16 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

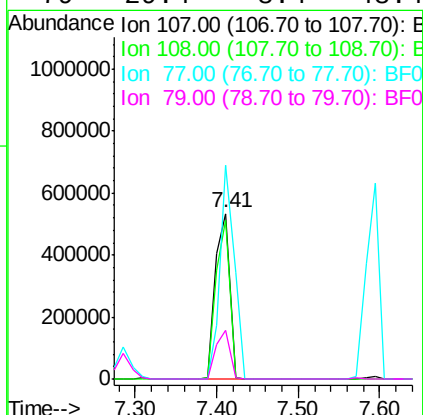
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

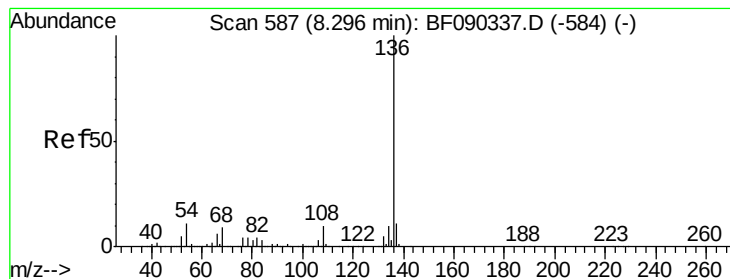
Tgt Ion:	70	Resp:	500151
Ion	Ratio	Lower	Upper
70	100		
42	48.4	55.4	83.2#
101	9.1	7.6	11.4
130	20.7	16.5	24.7



#20
3+4-Methylphenols
Concen: 42.76 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:	107	Resp:	656484
Ion	Ratio	Lower	Upper
107	100		
108	95.8	66.7	106.7
77	128.9	53.7	93.7#
79	29.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.30 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 840368

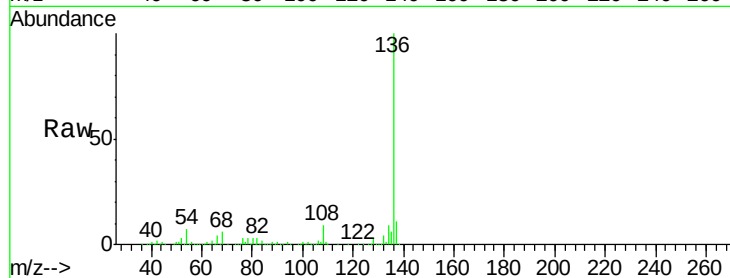
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 7.2 6.6 10.0

68 6.2 5.0 7.6

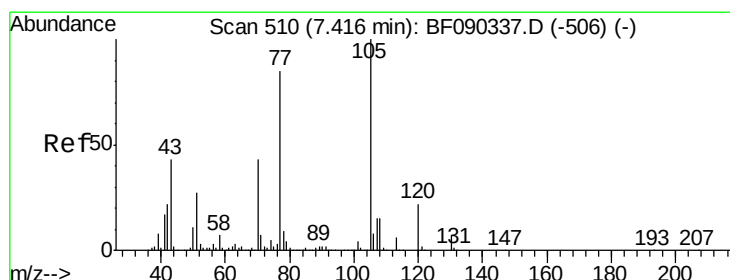
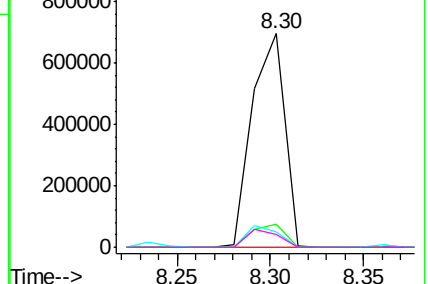
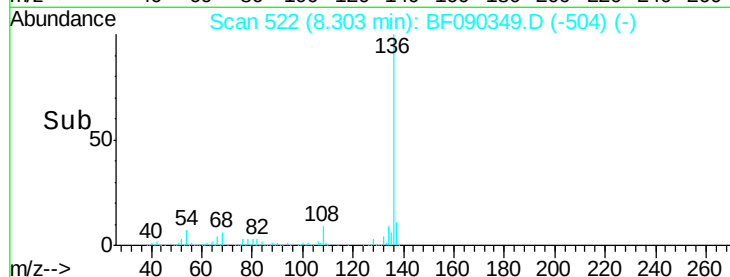


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.15 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Tgt Ion:105 Resp: 781158

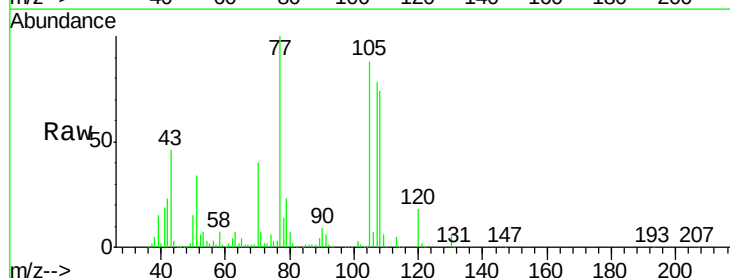
Ion Ratio Lower Upper

105 100

71 7.8 3.8 5.6#

51 38.9 28.2 42.4

120 20.0 17.4 26.2

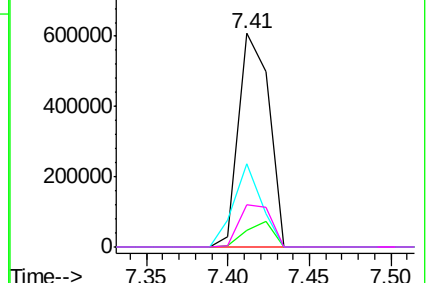
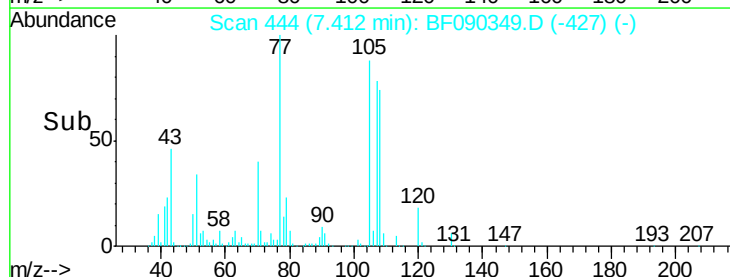


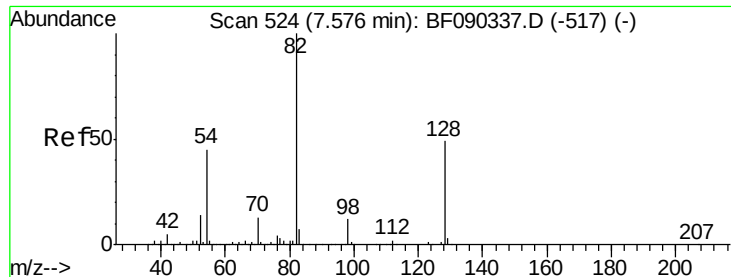
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

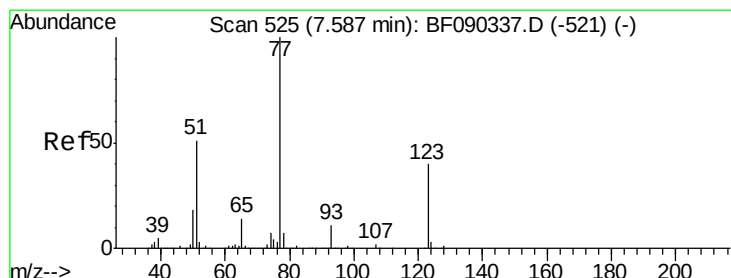
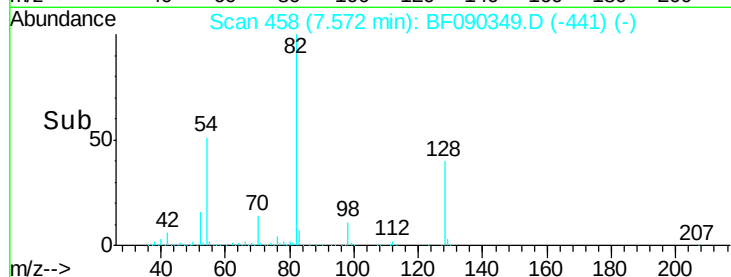
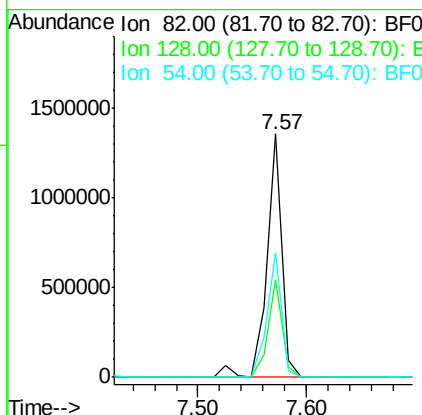
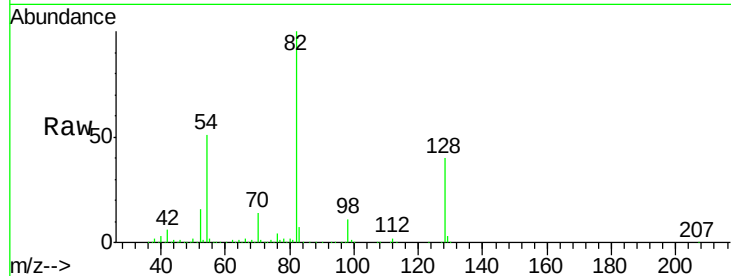




#23
 Nitrobenzene-d5
 Concen: 91.63 ng
 RT: 7.57 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

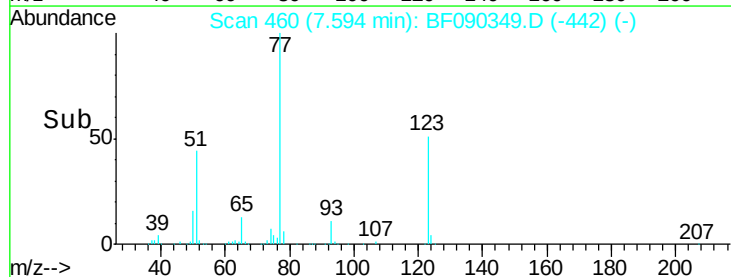
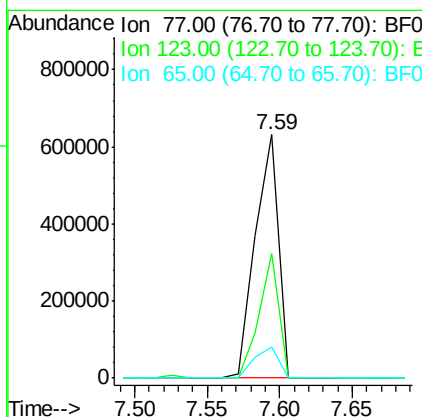
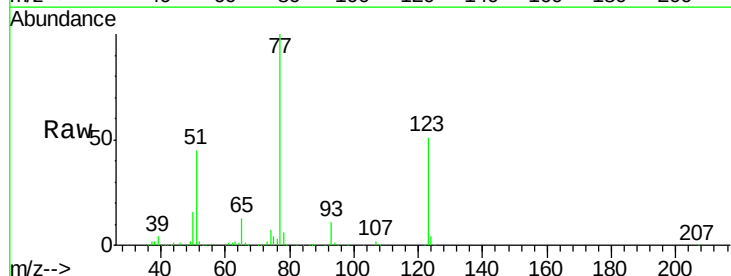
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

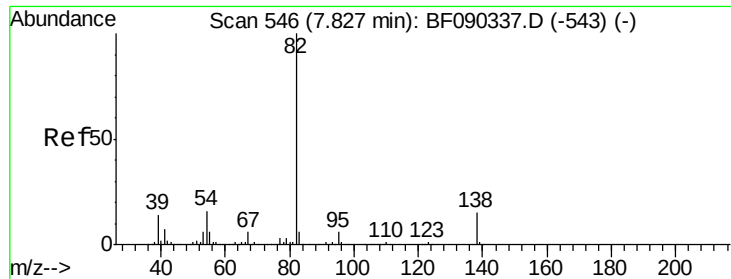
Tgt Ion: 82 Resp: 1321062
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.0 60.0
 54 51.2 42.6 64.0



#24
 Nitrobenzene
 Concen: 45.29 ng
 RT: 7.59 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion: 77 Resp: 697205
 Ion Ratio Lower Upper
 77 100
 123 51.0 33.0 49.4#
 65 12.7 12.0 18.0





#25

Isophorone

Concen: 43.05 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

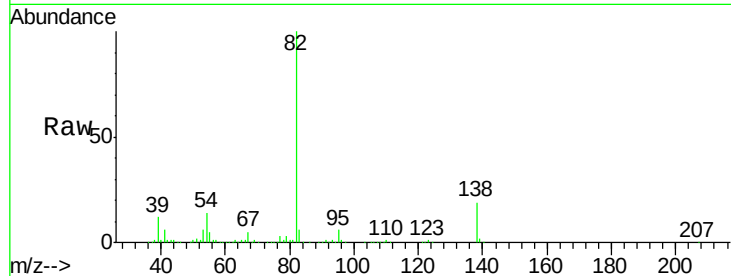
Tgt Ion: 82 Resp: 1180815

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

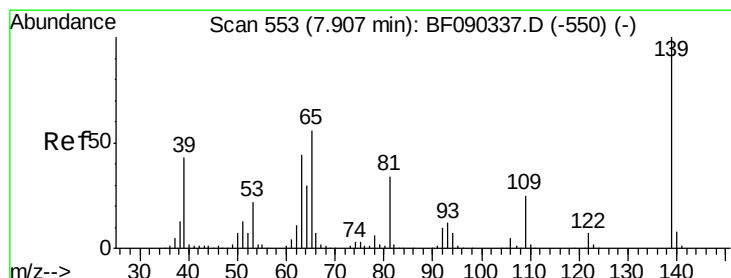
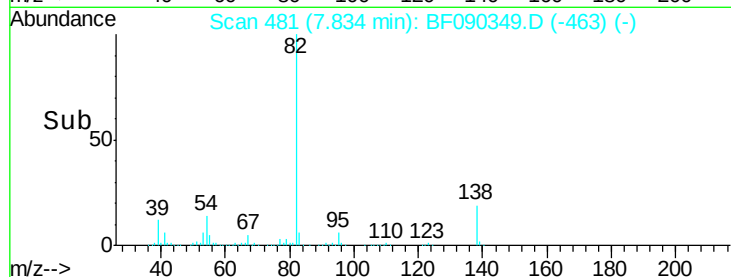
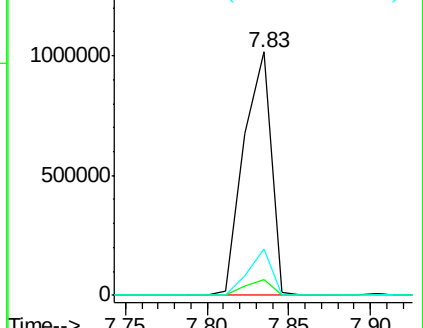
138 18.9 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.71 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

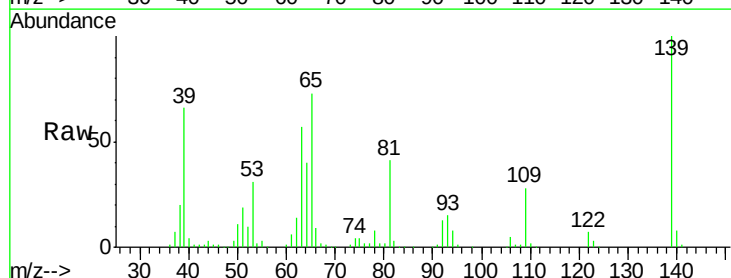
Tgt Ion: 139 Resp: 253709

Ion Ratio Lower Upper

139 100

109 28.1 18.9 28.3

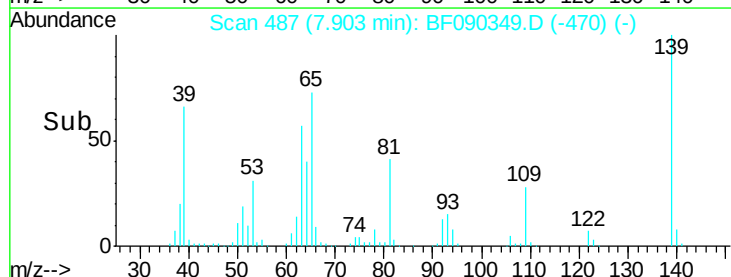
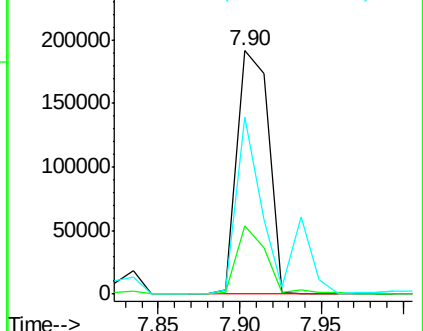
65 72.8 31.6 47.4#

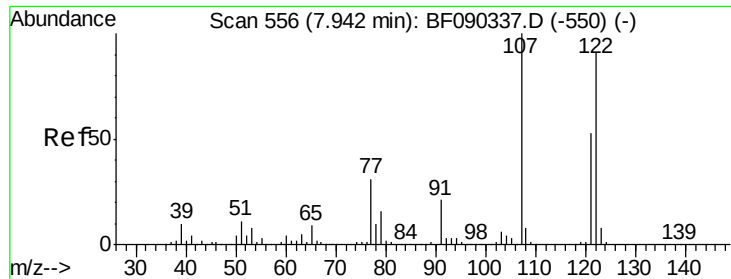


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.48 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

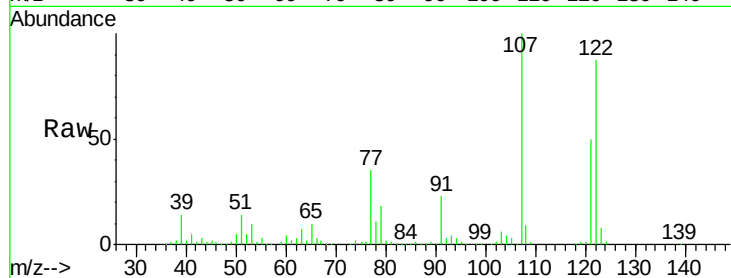
Tgt Ion:122 Resp: 529058

Ion Ratio Lower Upper

122 100

107 115.0 88.6 132.8

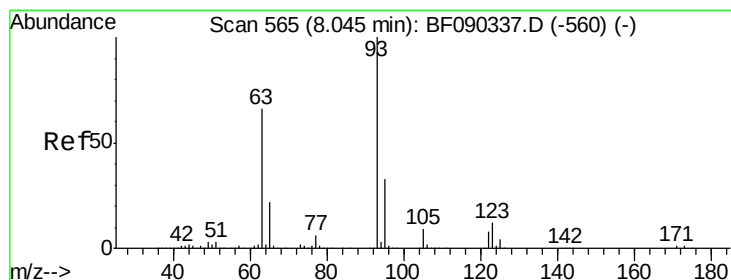
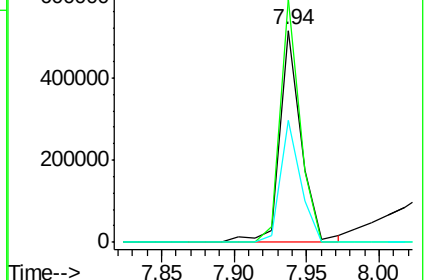
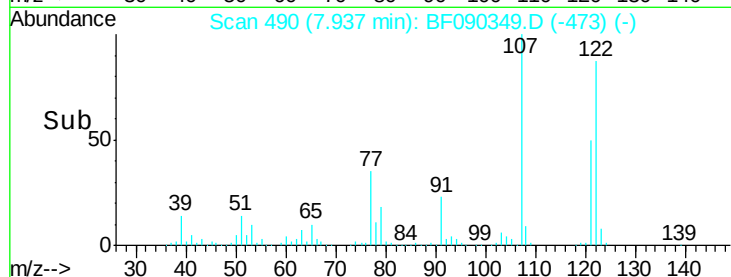
121 57.9 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.78 ng

RT: 8.04 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

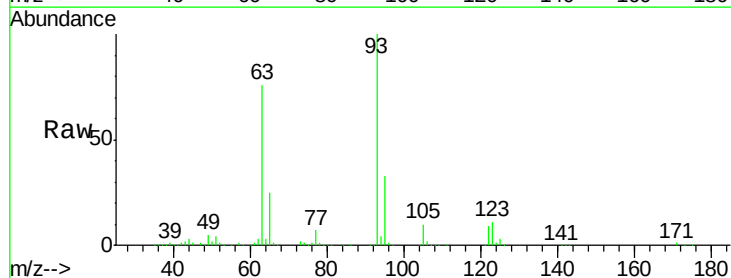
Tgt Ion: 93 Resp: 728514

Ion Ratio Lower Upper

93 100

95 33.4 27.0 40.4

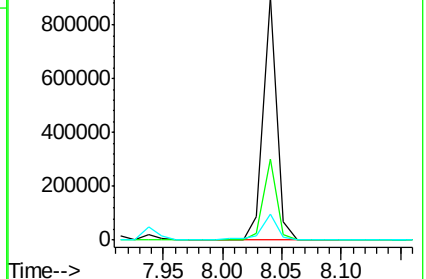
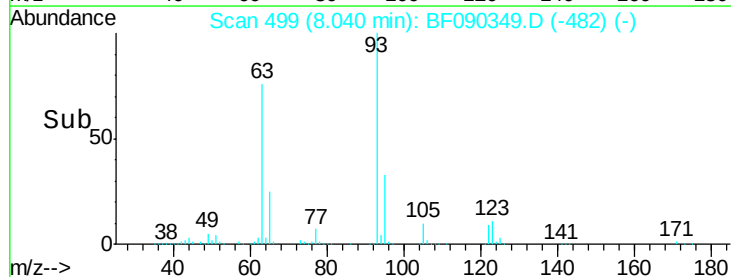
123 10.7 11.1 16.7#

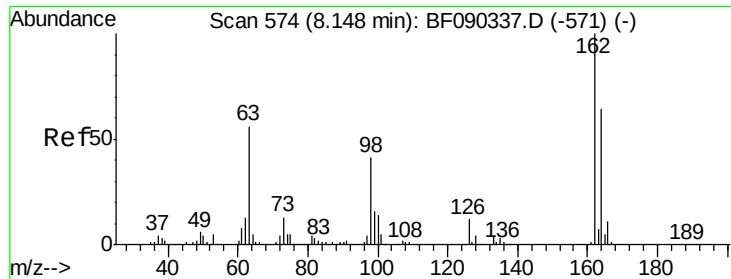


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

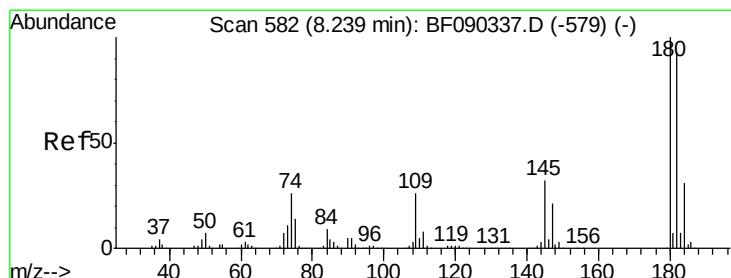
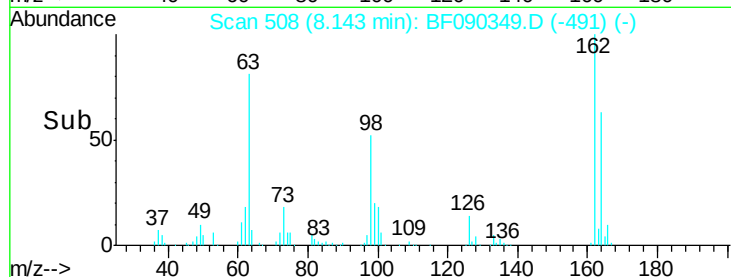
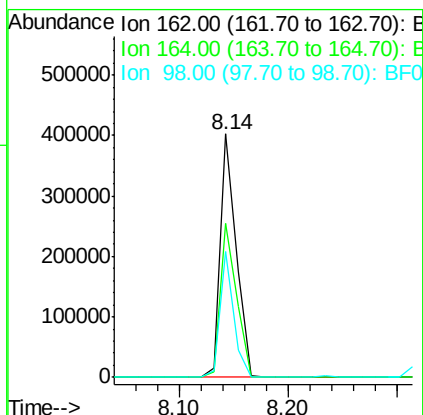
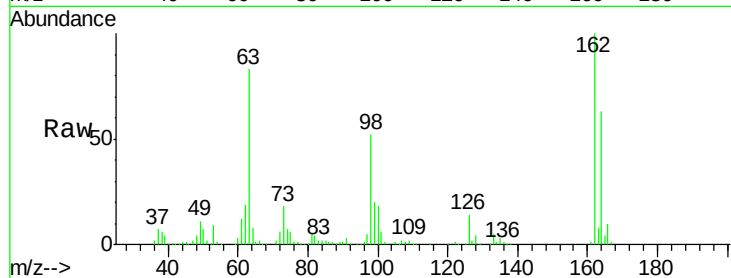




#29
2,4-Dichlorophenol
Concen: 37.30 ng
RT: 8.14 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

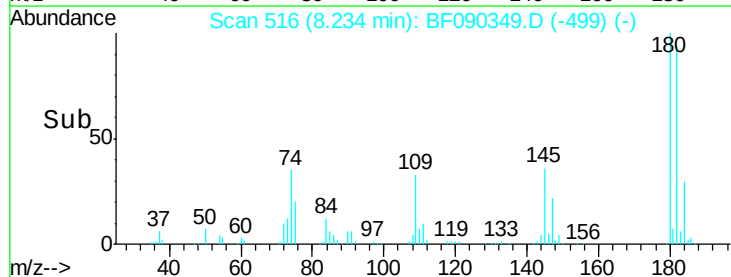
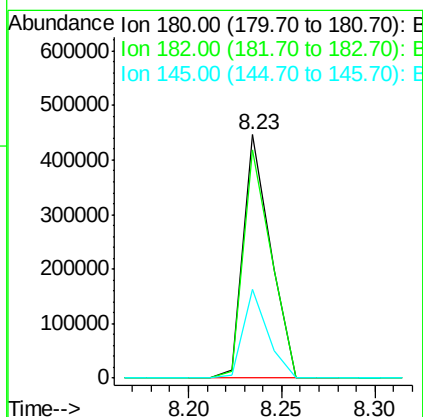
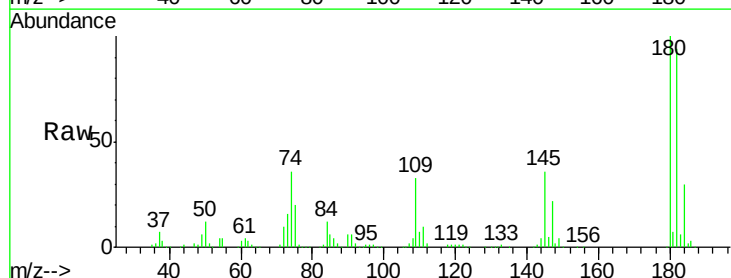
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

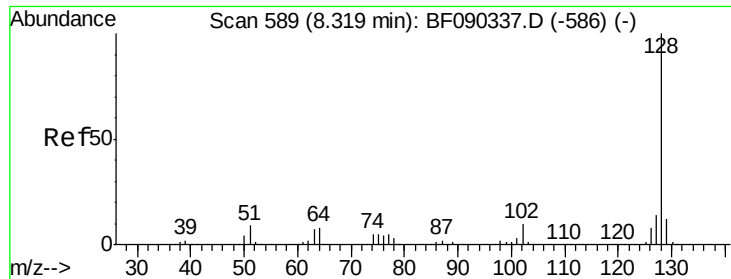
Tgt Ion:162 Resp: 409198
Ion Ratio Lower Upper
162 100
164 63.1 45.7 85.7
98 51.7 13.3 53.3



#30
1,2,4-Trichlorobenzene
Concen: 36.85 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:180 Resp: 452747
Ion Ratio Lower Upper
180 100
182 93.9 75.3 112.9
145 36.3 27.7 41.5

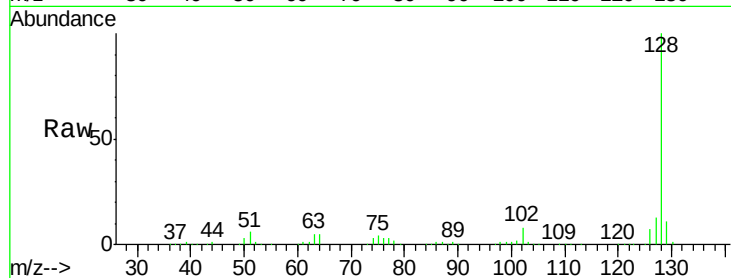




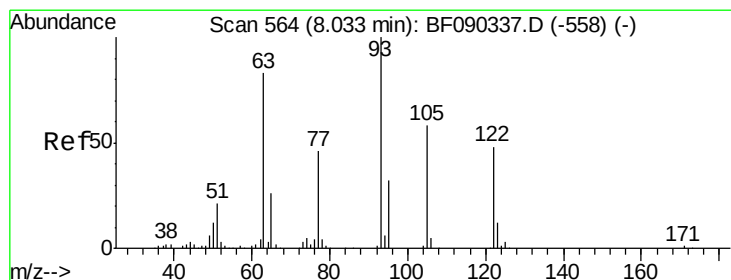
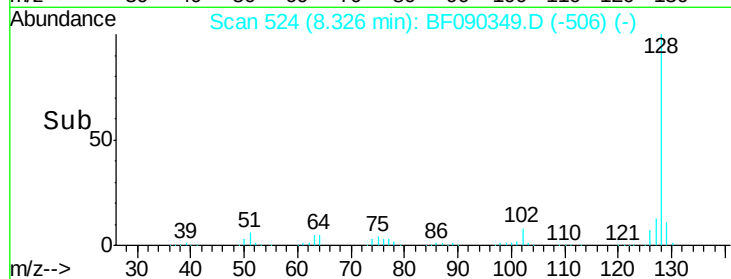
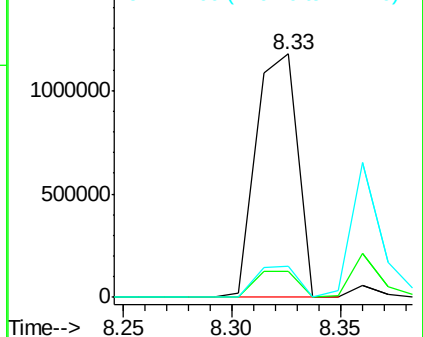
#31
Naphthalene
Concen: 39.17 ng
RT: 8.33 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1573354
Ion Ratio Lower Upper
128 100
129 10.8 9.7 14.5
127 13.0 11.7 17.5

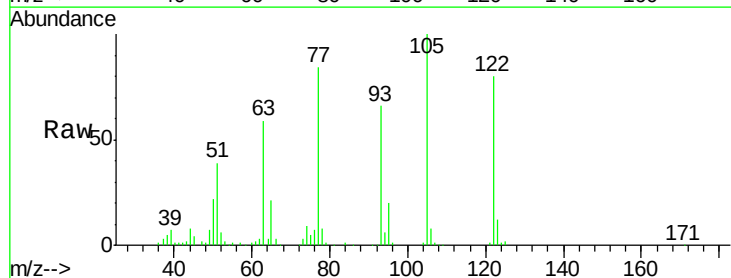


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

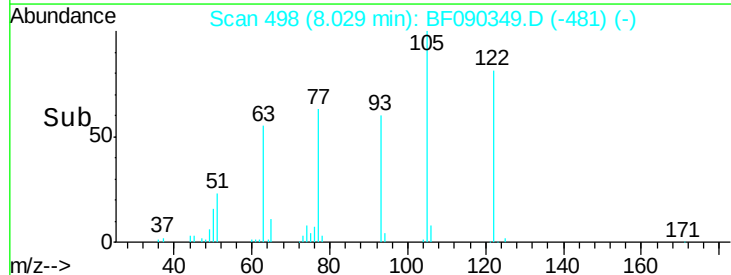
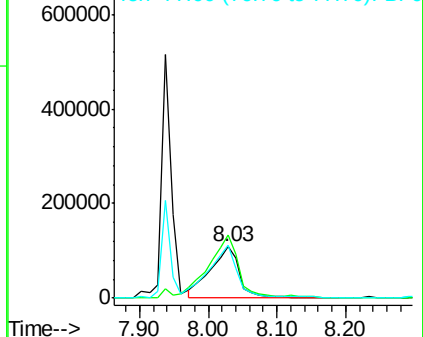


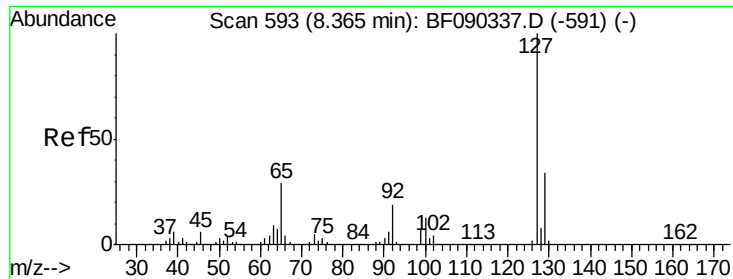
#32
Benzoic acid
Concen: 38.33 ng
RT: 8.03 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:122 Resp: 319922
Ion Ratio Lower Upper
122 100
105 124.3 103.9 143.9
77 104.7 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

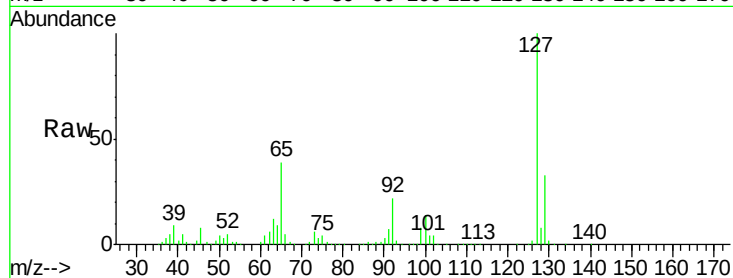




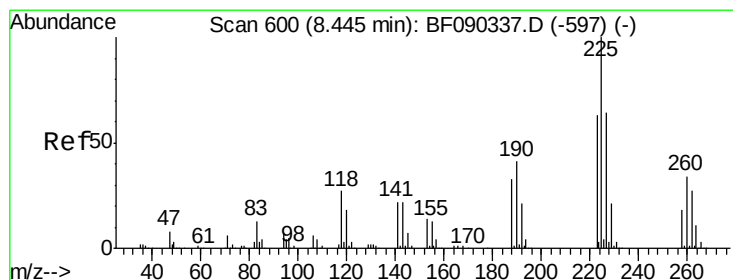
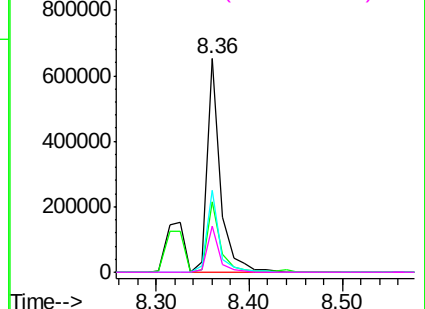
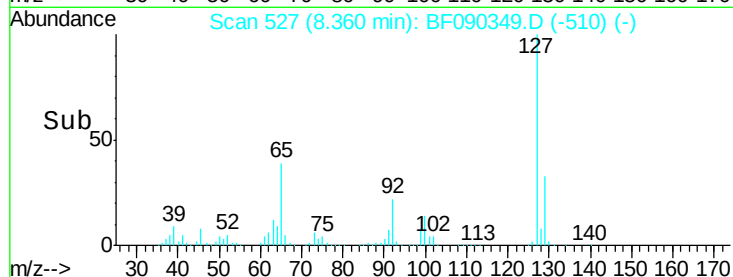
#33
4-Chloroaniline
Concen: 40.41 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	648377
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	38.6	32.5	48.7
92	21.5	17.2	25.8

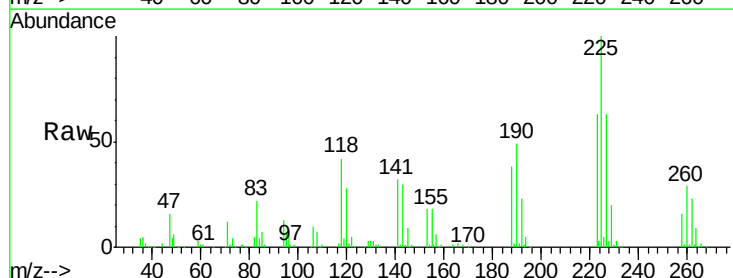


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

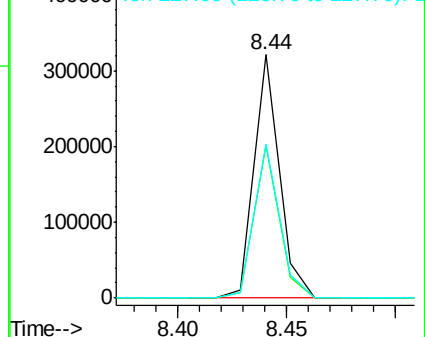
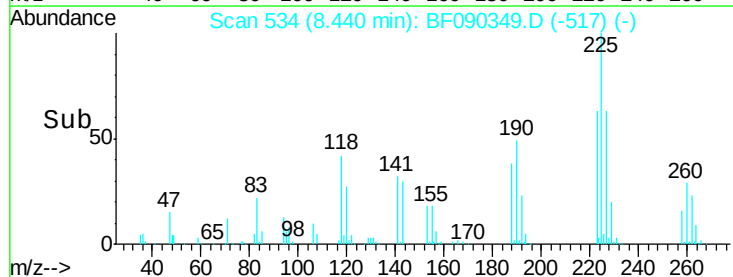


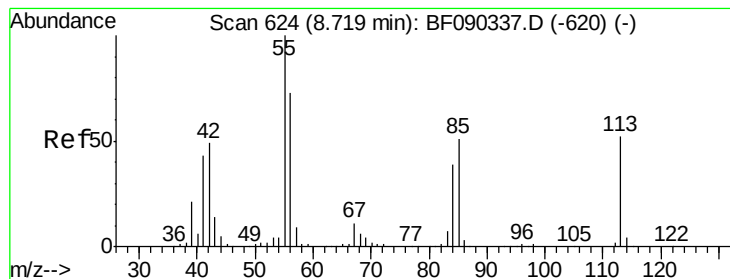
#34
Hexachlorobutadiene
Concen: 35.97 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:	225	Resp:	260128
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.4
227	63.3	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: 38.84 ng

RT: 8.71 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

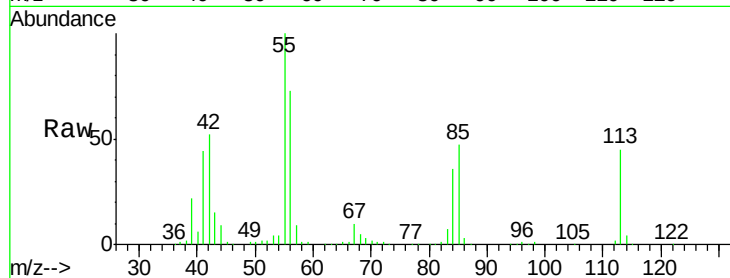
Tgt Ion:113 Resp: 111428

Ion Ratio Lower Upper

113 100

55 220.0 203.3 243.3

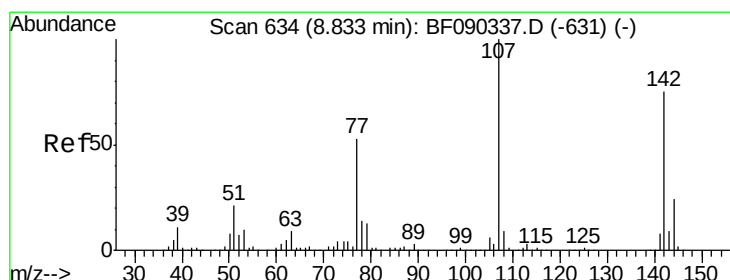
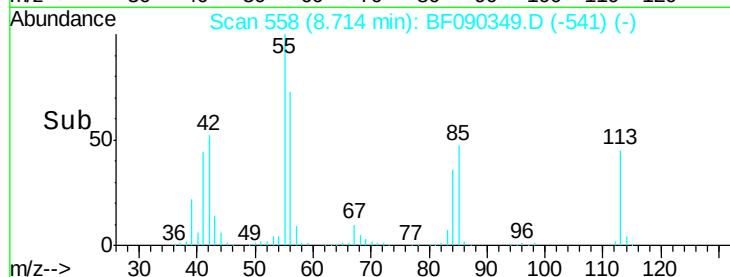
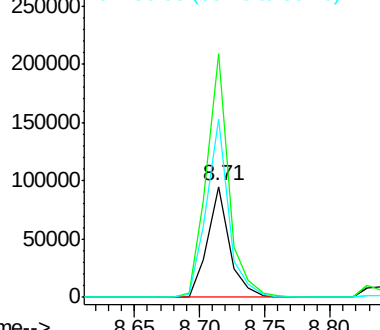
56 161.5 140.5 180.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.19 ng

RT: 8.84 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

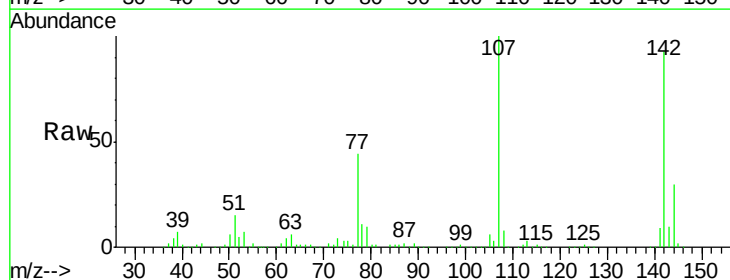
Tgt Ion:107 Resp: 461709

Ion Ratio Lower Upper

107 100

144 30.2 19.8 29.8#

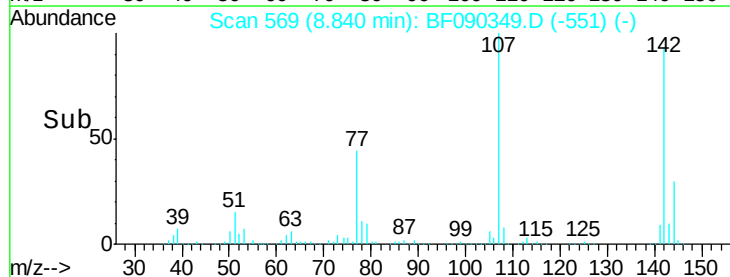
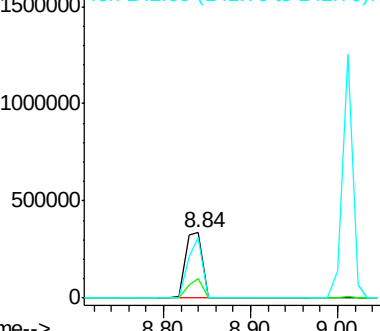
142 92.5 60.7 91.1#

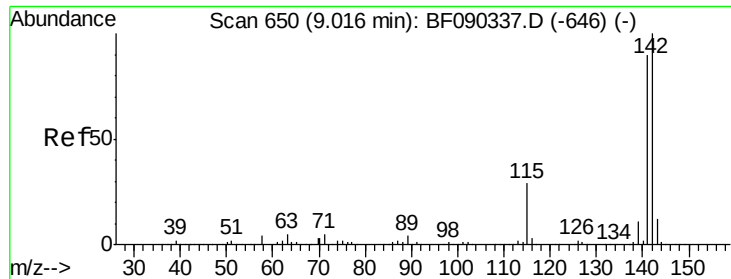


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

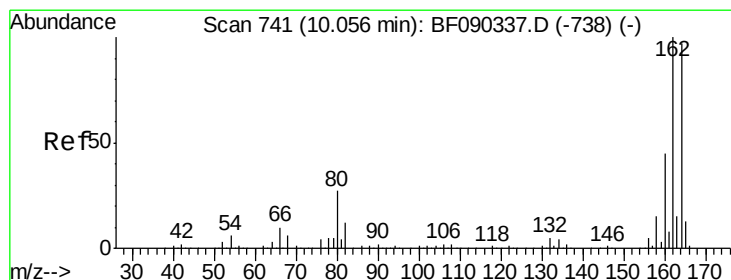
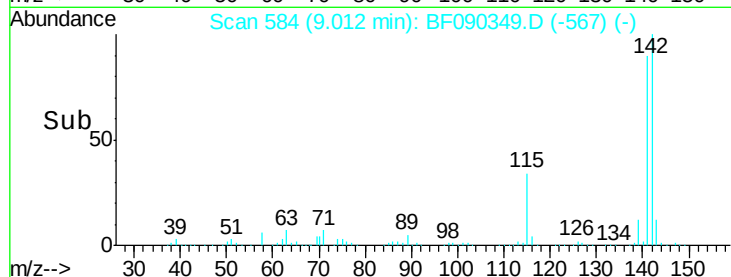
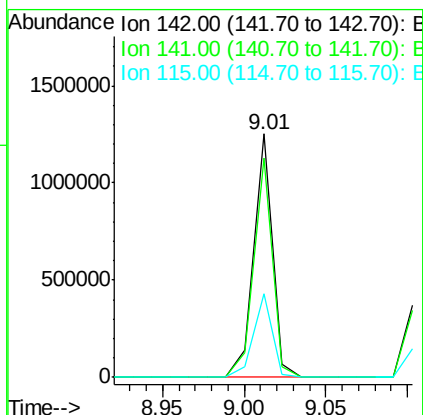
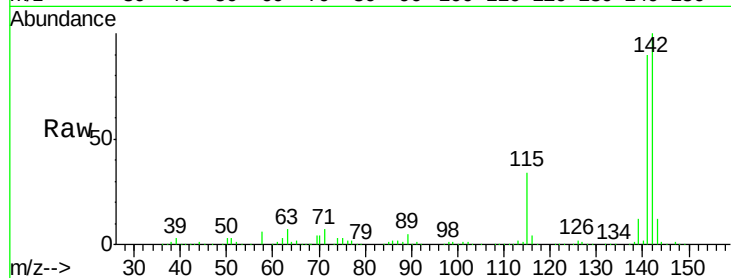




#37
2-Methylnaphthalene
Concen: 39.78 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

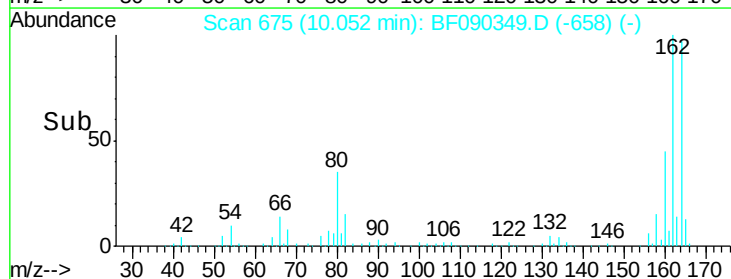
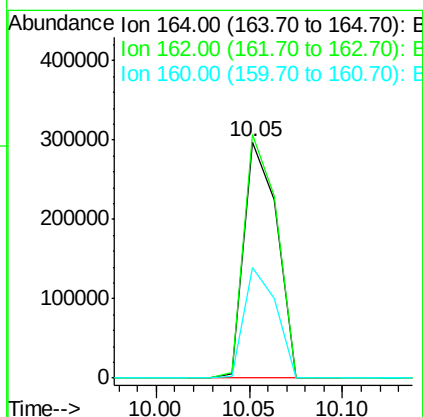
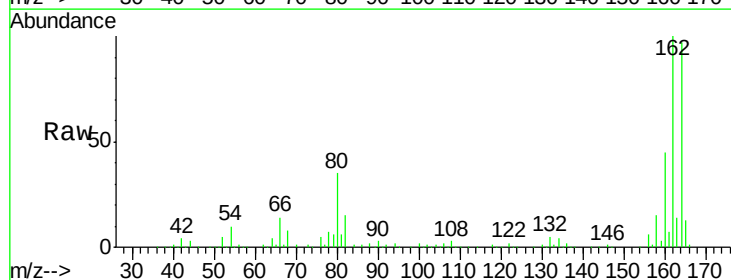
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

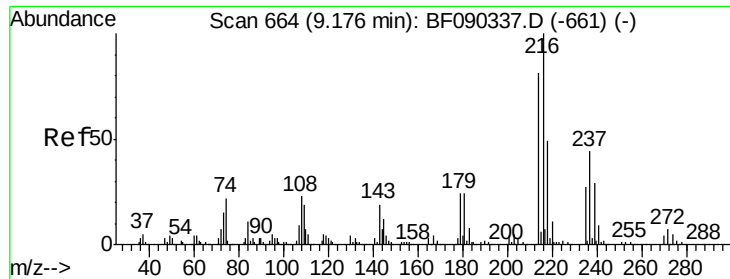
Tgt Ion:142 Resp: 1002771
Ion Ratio Lower Upper
142 100
141 89.9 71.8 107.8
115 34.3 28.8 43.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:164 Resp: 362617
Ion Ratio Lower Upper
164 100
162 103.0 80.1 120.1
160 46.5 36.3 54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.39 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 423697

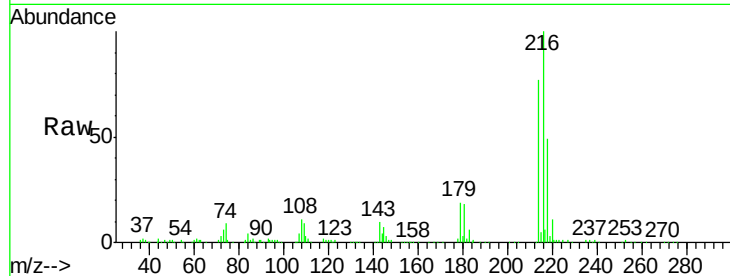
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 22.2 18.0 27.0

108 21.6 15.2 22.8

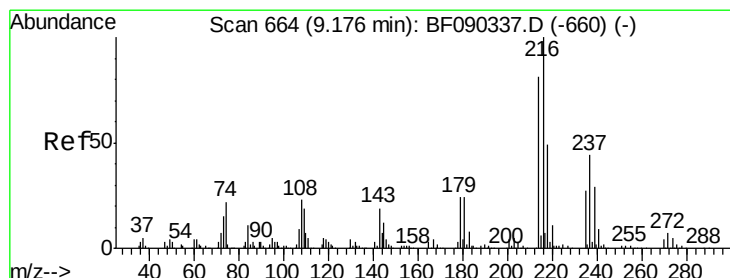
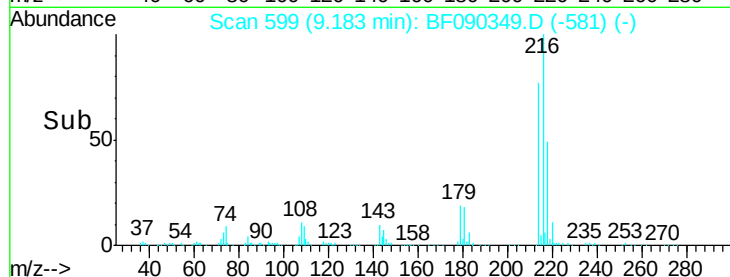
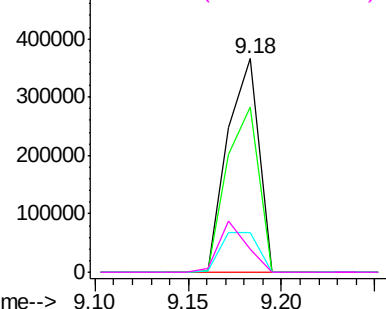


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.08 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

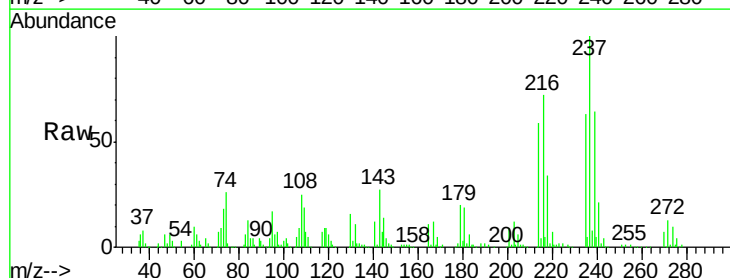
Tgt Ion:237 Resp: 275441

Ion Ratio Lower Upper

237 100

235 62.7 43.6 83.6

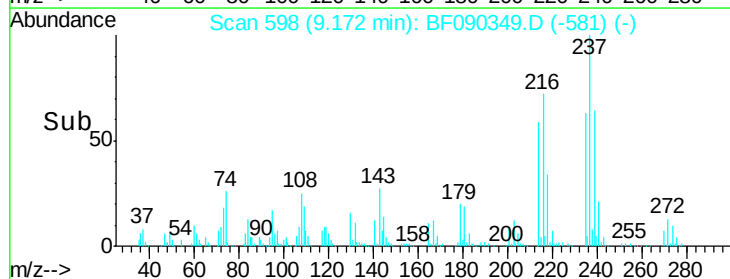
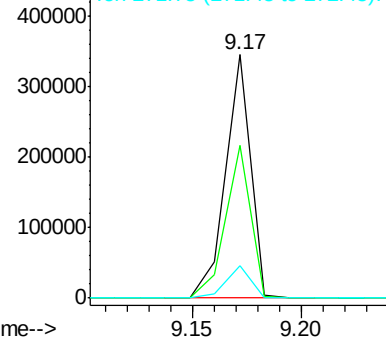
272 13.2 0.0 32.7

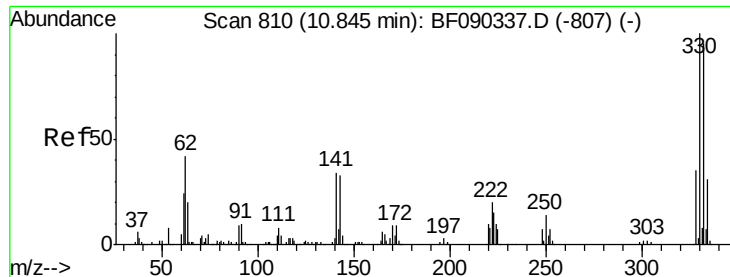


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

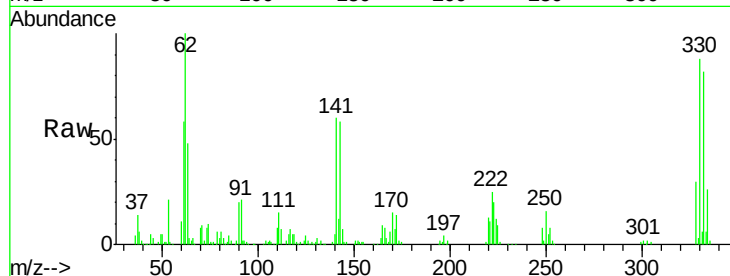




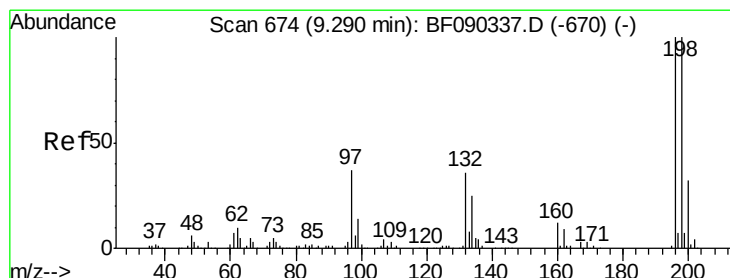
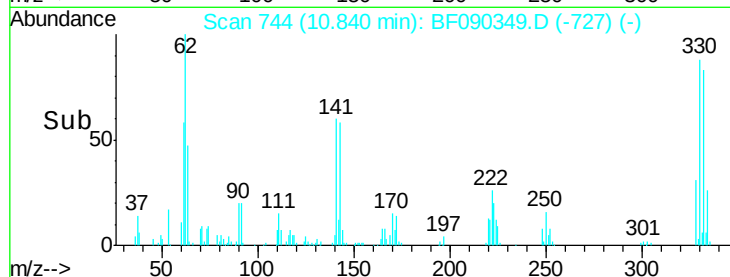
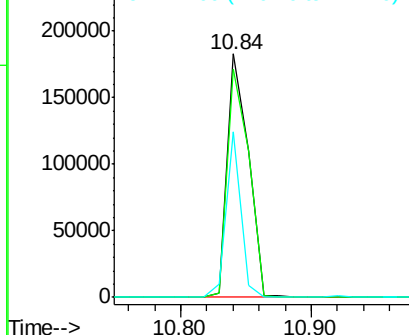
#41
 2,4,6-Tribromophenol
 Concen: 65.22 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 205416
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.0
 141 48.3 26.9 40.3#

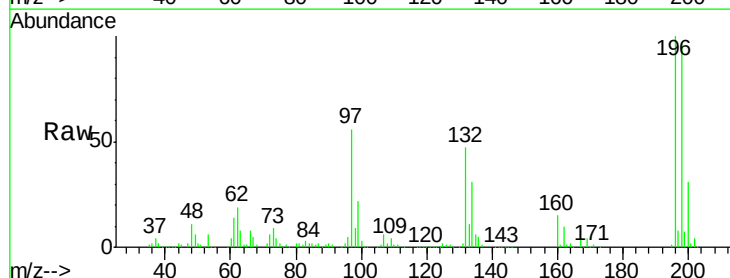


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

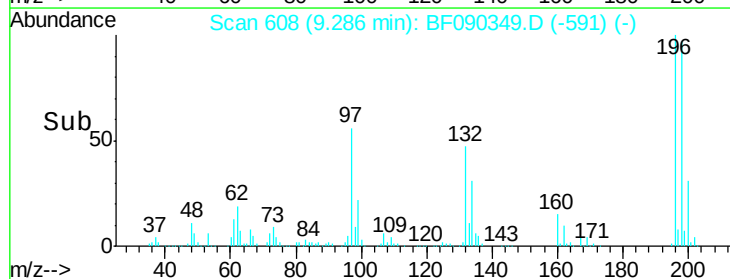
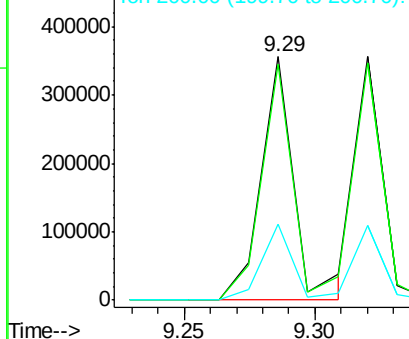


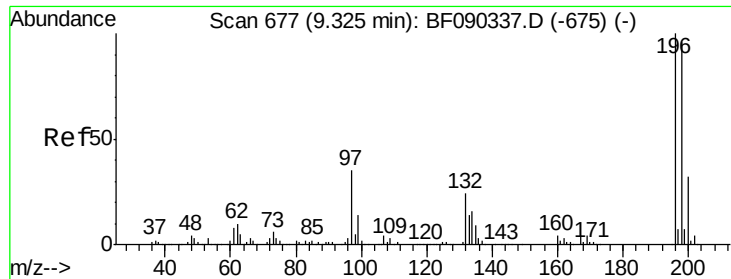
#42
 2,4,6-Trichlorophenol
 Concen: 49.19 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion:196 Resp: 316710
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.9 118.3
 200 31.4 25.4 38.2



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

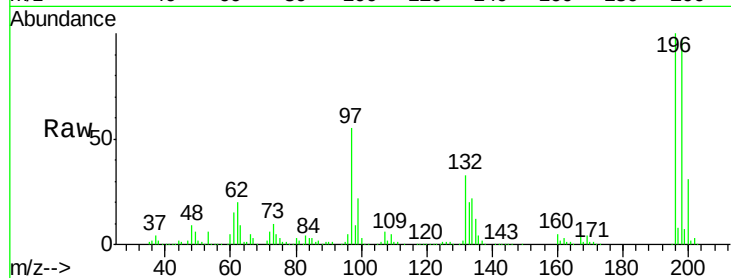




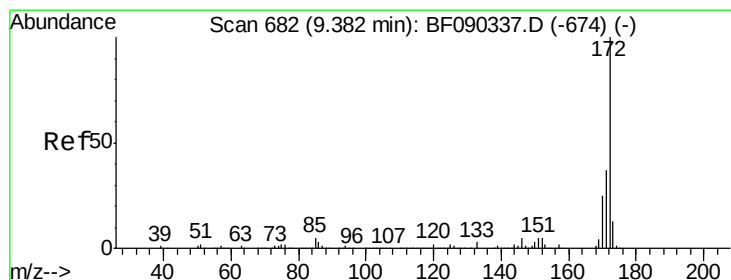
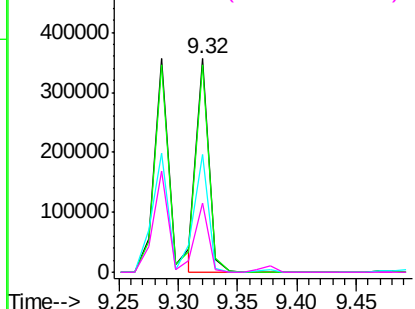
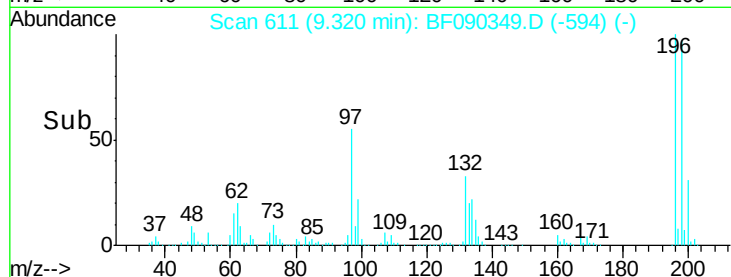
#43
2,4,5-Trichlorophenol
Concen: 40.56 ng
RT: 9.32 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 262760
Ion Ratio Lower Upper
196 100
198 97.4 78.1 117.1
97 55.4 48.1 72.1
132 32.7 27.4 41.2

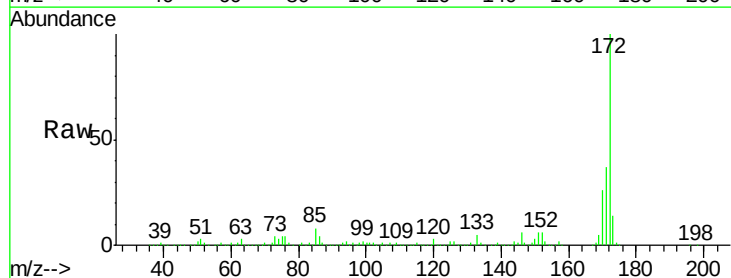


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

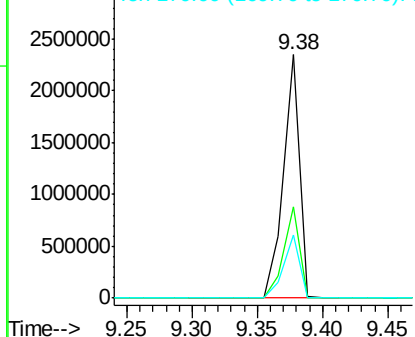
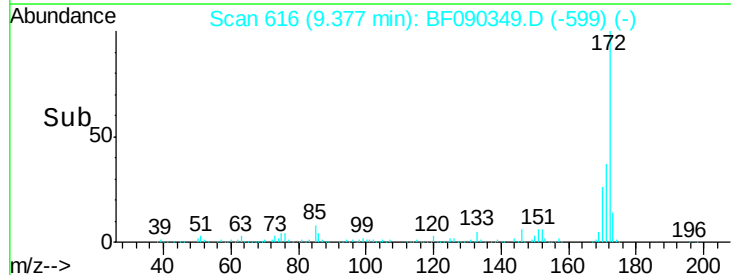


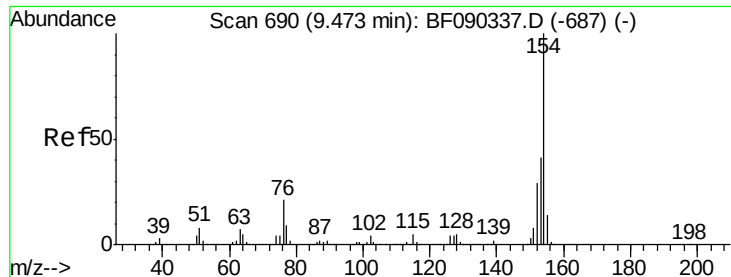
#44
2-Fluorobiphenyl
Concen: 91.93 ng
RT: 9.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:172 Resp: 2044552
Ion Ratio Lower Upper
172 100
171 37.4 31.8 47.8
170 25.9 21.7 32.5



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

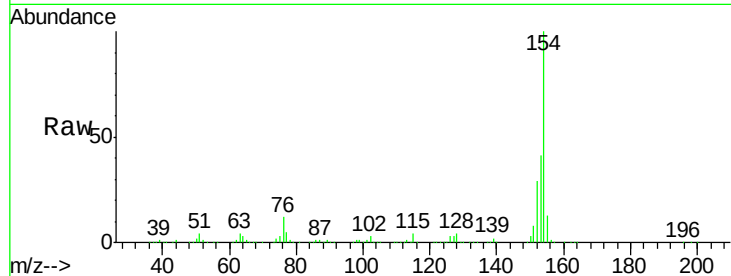




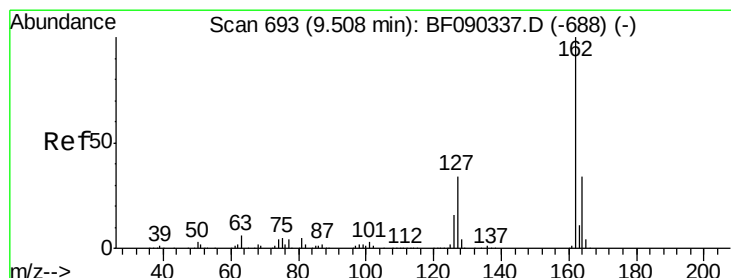
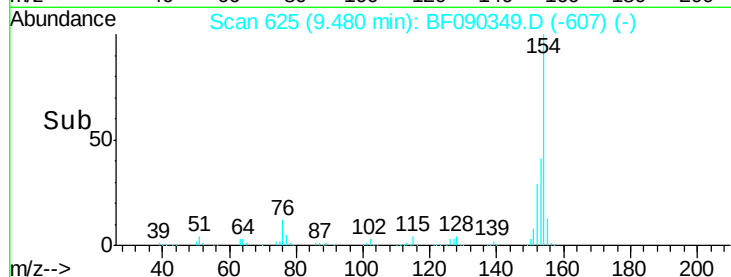
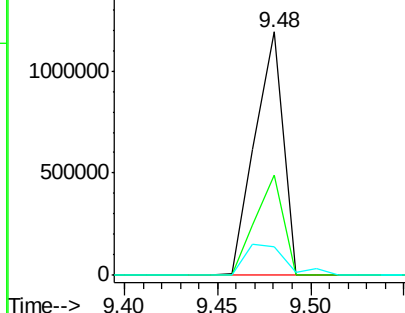
#45
 1,1'-Biphenyl
 Concen: 44.27 ng
 RT: 9.48 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1242810
 Ion Ratio Lower Upper
 154 100
 153 41.2 23.8 63.8
 76 11.9 0.0 35.8

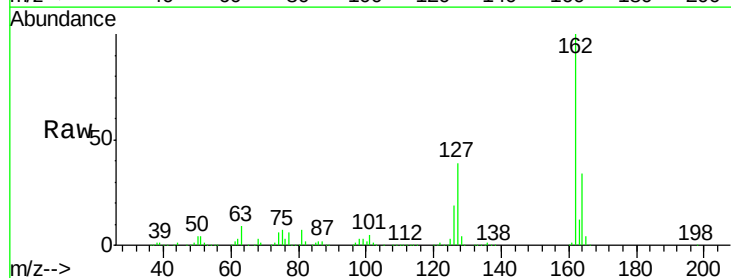


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

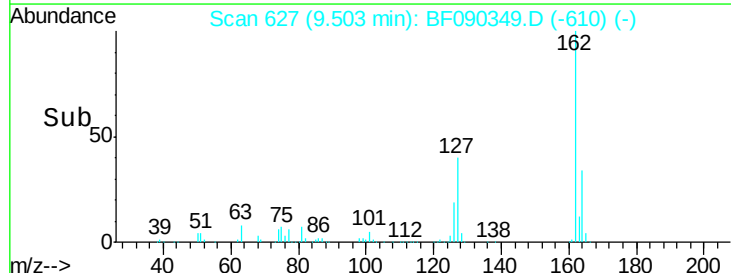
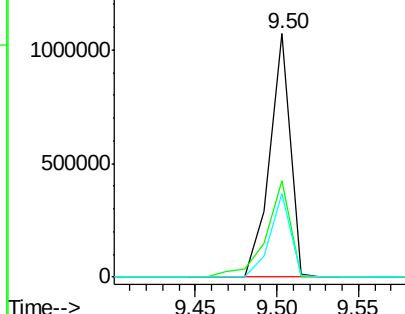


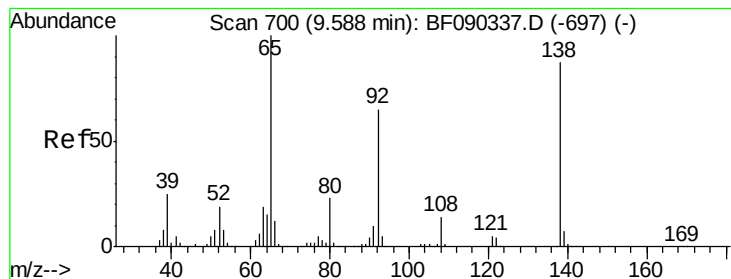
#46
 2-Chloronaphthalene
 Concen: 44.78 ng
 RT: 9.50 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion:162 Resp: 943619
 Ion Ratio Lower Upper
 162 100
 127 39.5 35.6 53.4
 164 34.2 27.5 41.3



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: 47.22 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

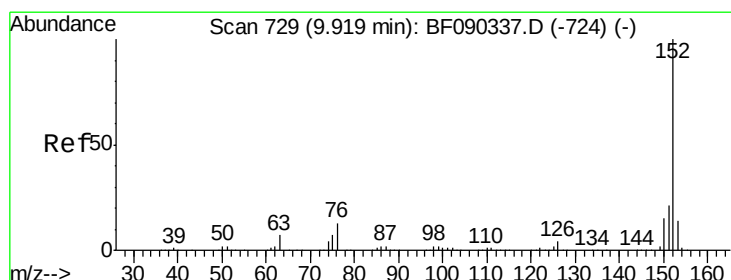
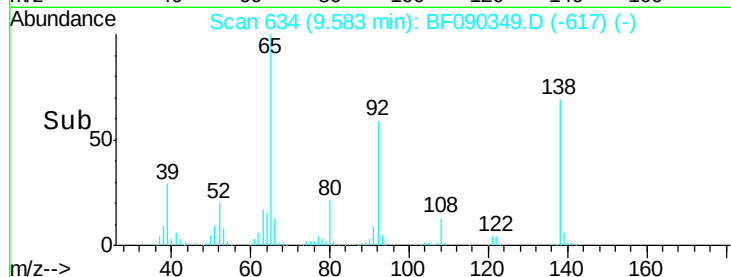
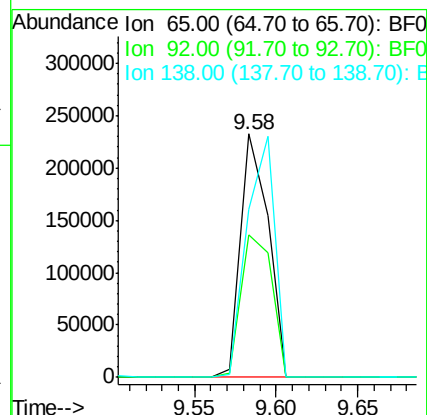
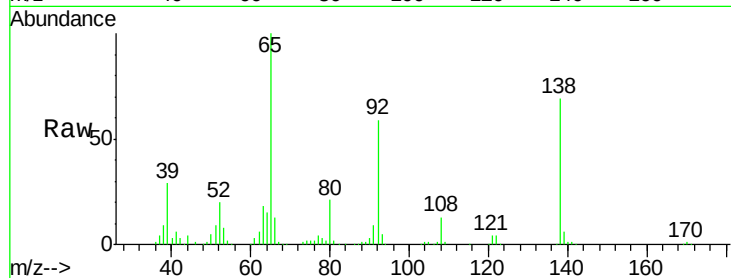
Tgt Ion: 65 Resp: 271582

Ion Ratio Lower Upper

65 100

92 58.6 51.7 77.5

138 68.9 79.0 118.4#



#48

Acenaphthylene

Concen: 41.79 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

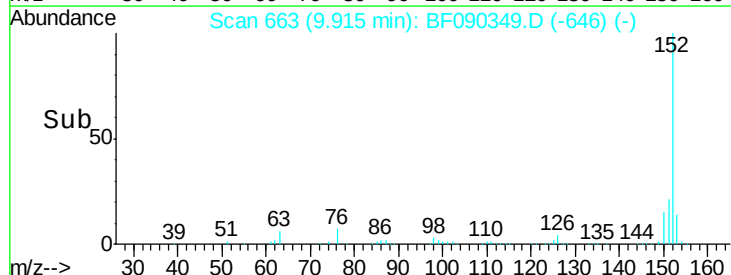
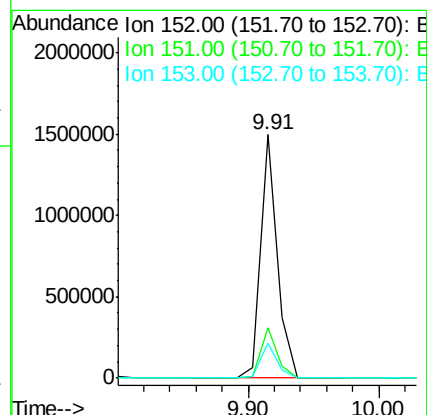
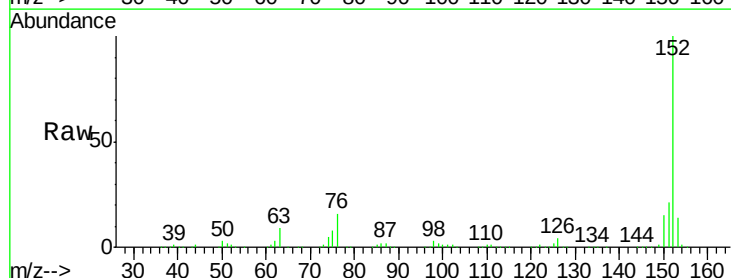
Tgt Ion: 152 Resp: 1332112

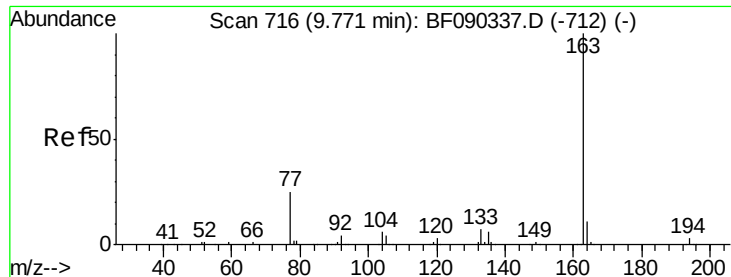
Ion Ratio Lower Upper

152 100

151 20.7 17.4 26.0

153 14.1 11.6 17.4

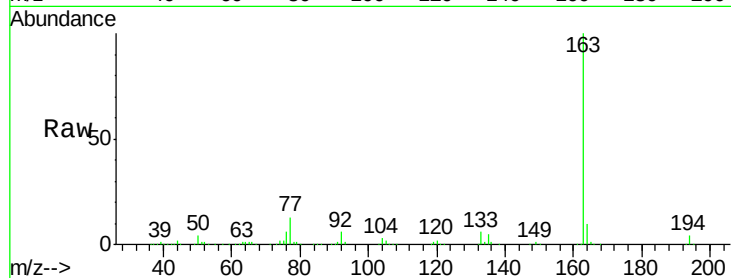




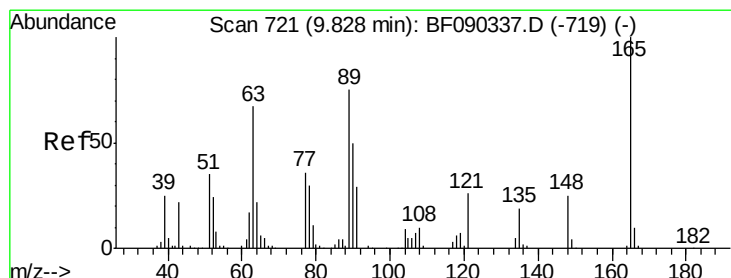
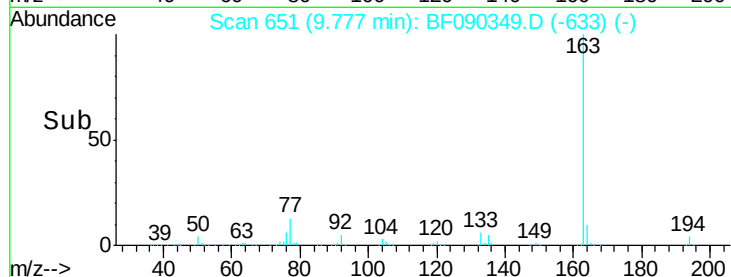
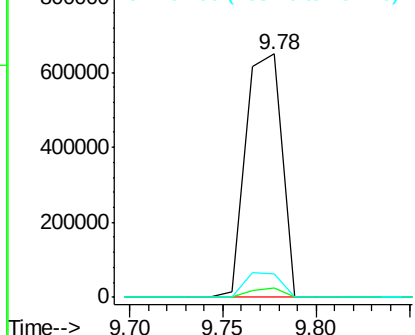
#49
Dimethylphthalate
Concen: 41.03 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 880642
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.5 9.0 13.4

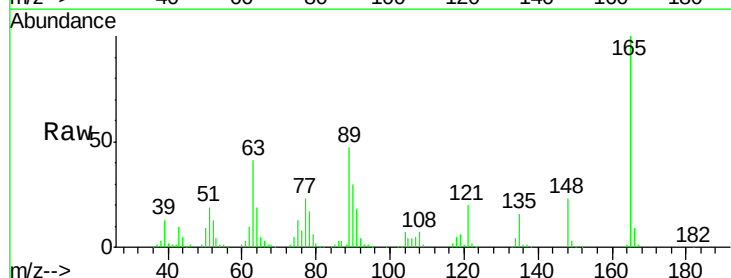


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

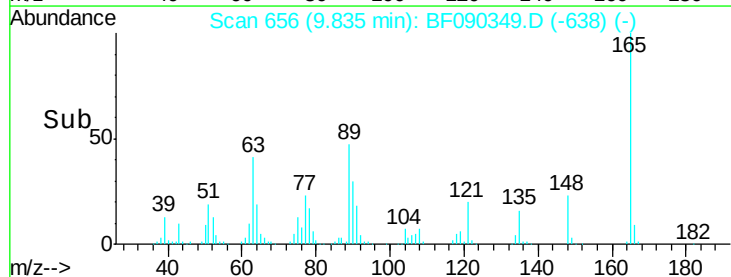
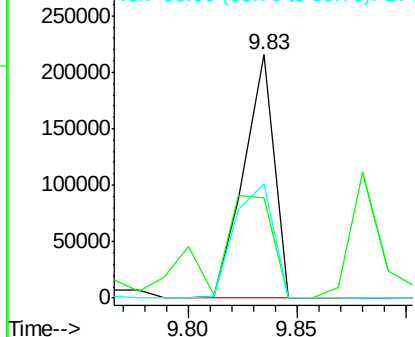


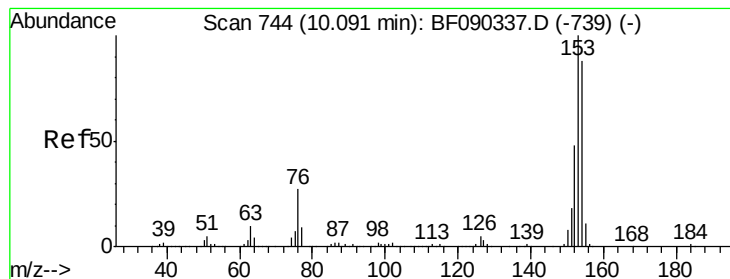
#50
2,6-Dinitrotoluene
Concen: 44.61 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:165 Resp: 209495
Ion Ratio Lower Upper
165 100
63 41.1 58.0 87.0#
89 46.7 51.2 76.8#



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: 40.68 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

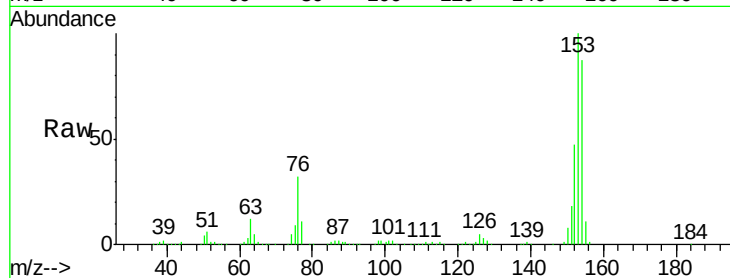
Tgt Ion:154 Resp: 789261

Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

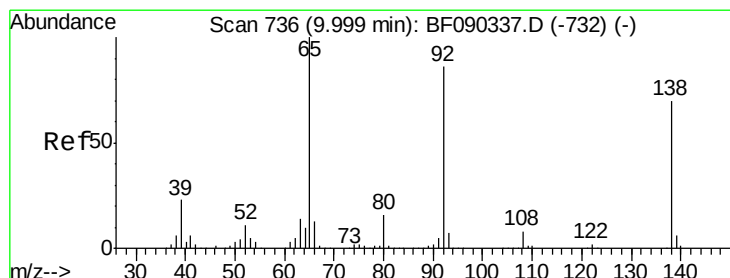
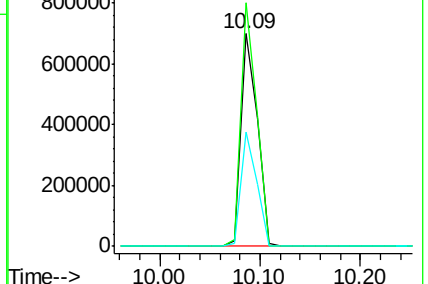
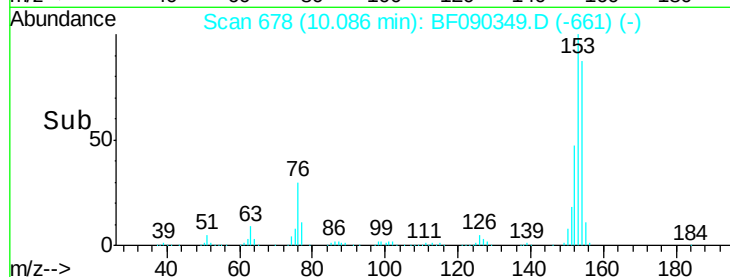
152 53.9 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.98 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

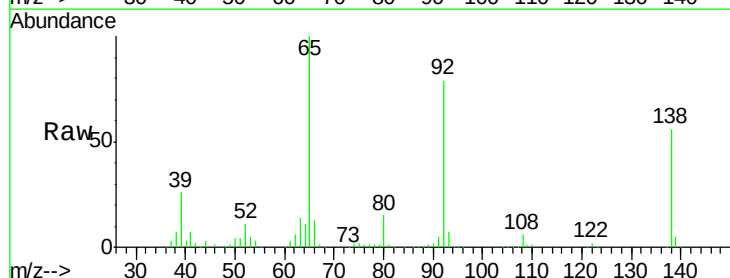
Tgt Ion:138 Resp: 207319

Ion Ratio Lower Upper

138 100

108 11.5 9.7 14.5

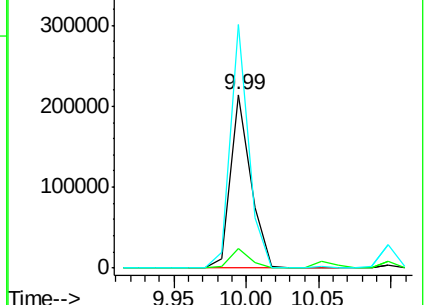
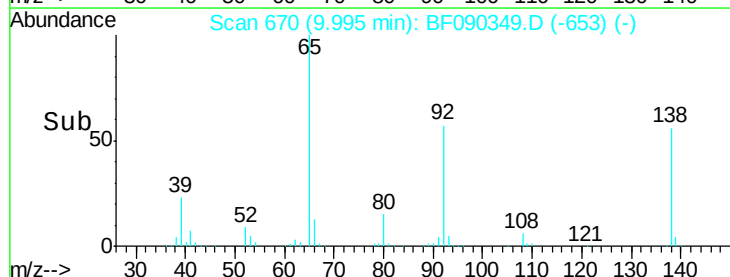
92 140.2 97.1 145.7

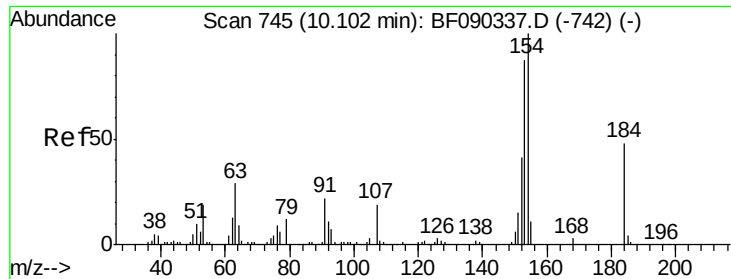


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

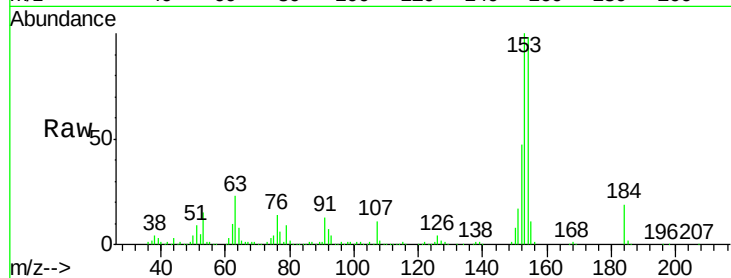




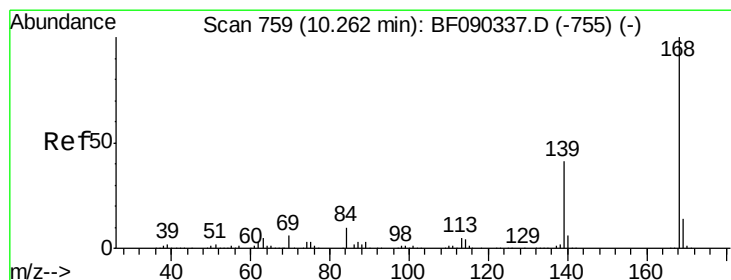
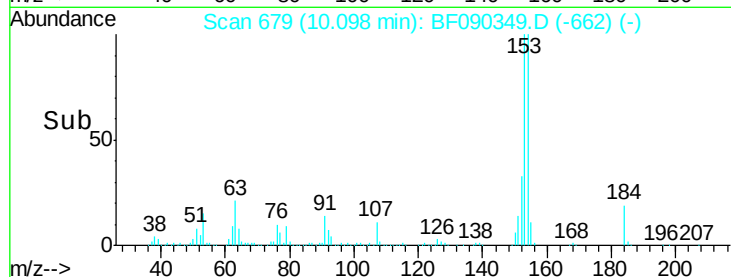
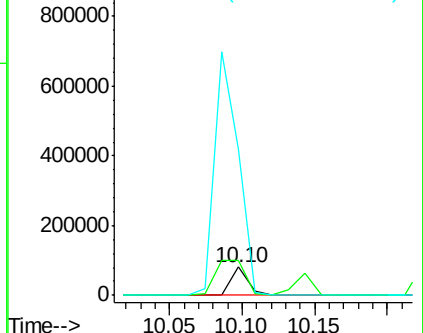
#53
2,4-Dinitrophenol
Concen: 42.88 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 67736
Ion Ratio Lower Upper
184 100
63 121.9 41.9 62.9#
154 517.9 48.9 73.3#

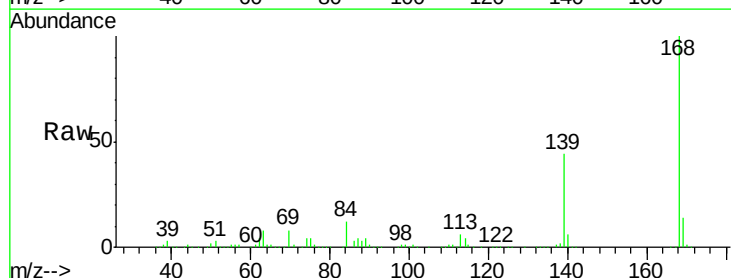


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

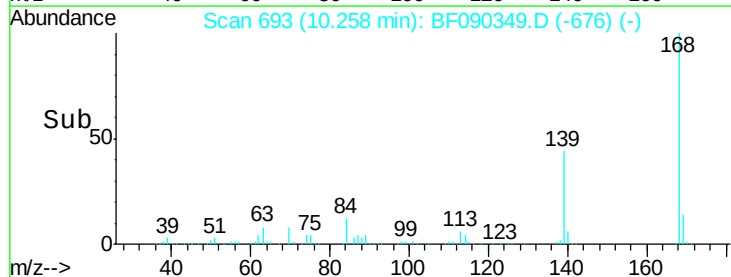
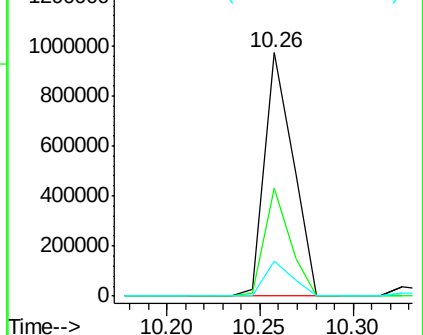


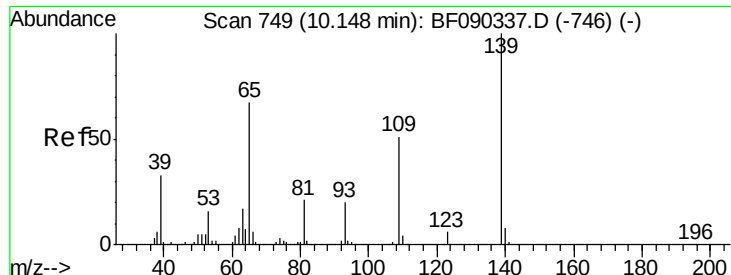
#54
Dibenzofuran
Concen: 39.74 ng
RT: 10.26 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:168 Resp: 1019387
Ion Ratio Lower Upper
168 100
139 44.1 29.6 44.4
169 14.4 11.3 16.9



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

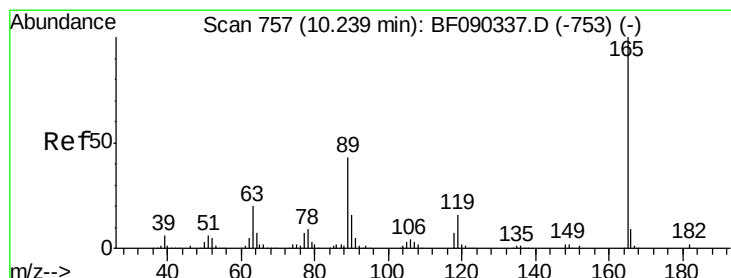
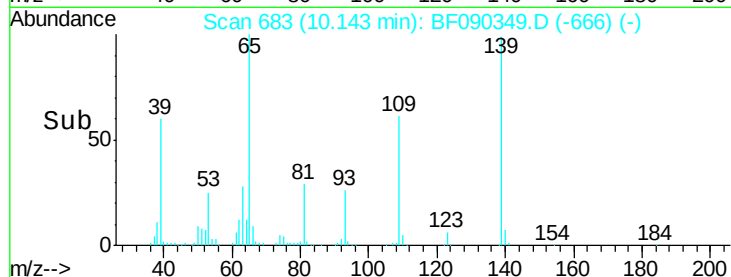
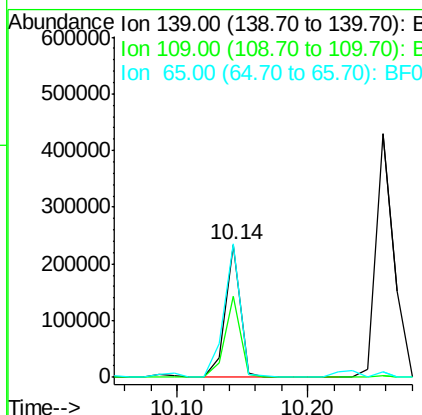
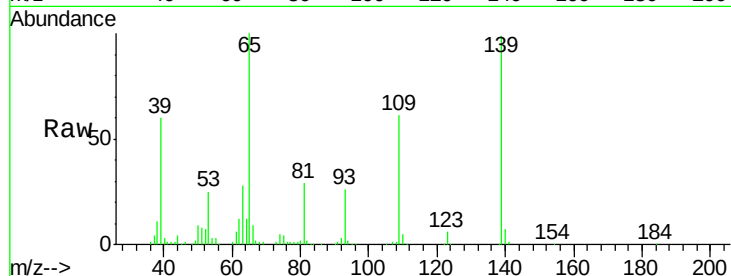




#55
4-Nitrophenol
Concen: 45.48 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

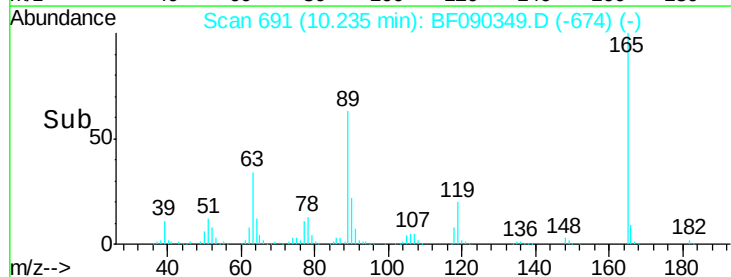
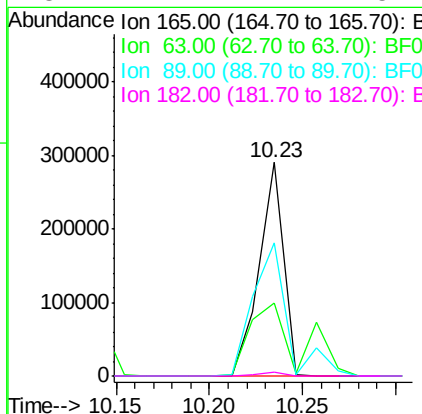
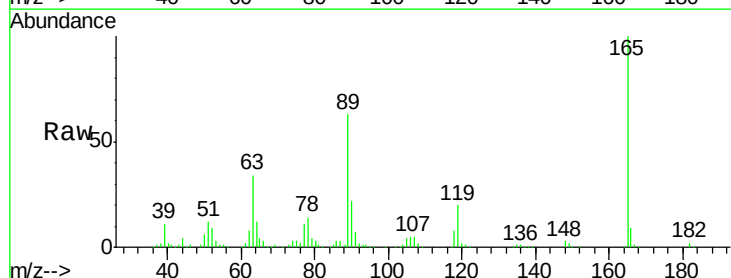
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

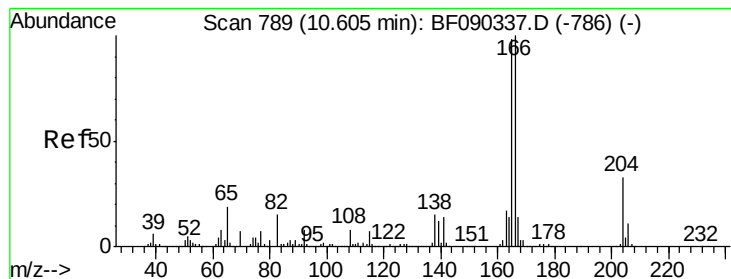
Tgt Ion:139 Resp: 192615
Ion Ratio Lower Upper
139 100
109 61.3 43.6 83.6
65 101.1 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 46.13 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:165 Resp: 260741
Ion Ratio Lower Upper
165 100
63 34.0 17.8 26.6#
89 62.5 33.2 49.8#
182 2.1 2.1 3.1#





#57

Fluorene

Concen: 39.93 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

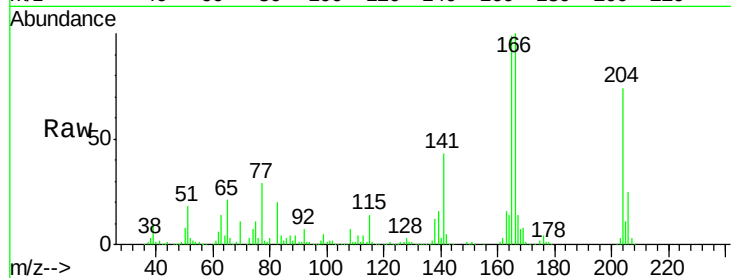
Tgt Ion:166 Resp: 856842

Ion Ratio Lower Upper

166 100

165 98.8 79.2 118.8

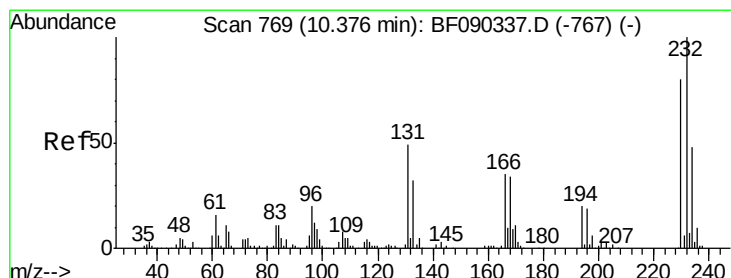
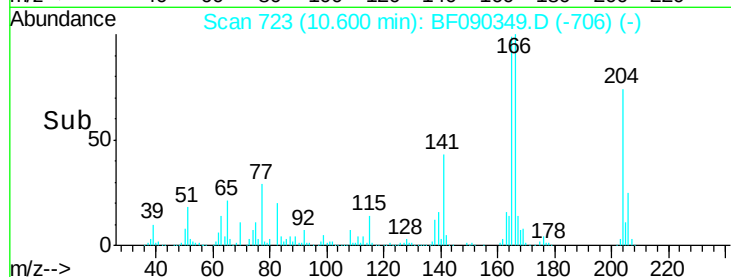
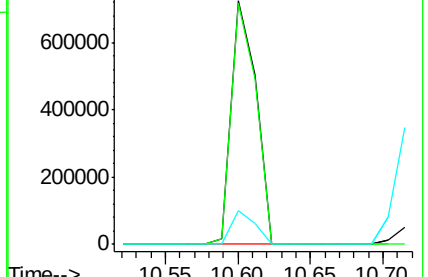
167 14.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.16 ng

RT: 10.37 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Tgt Ion:232 Resp: 169796

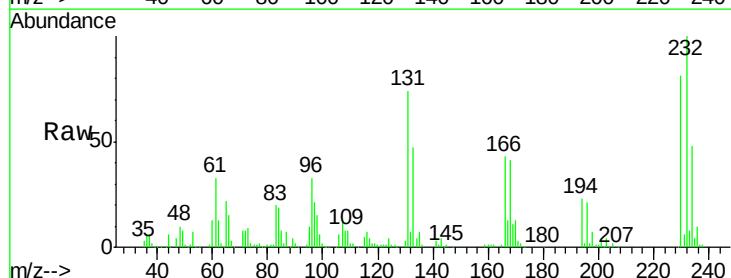
Ion Ratio Lower Upper

232 100

131 59.6 34.5 51.7#

130 2.6 1.6 2.4#

166 37.3 23.8 35.8#

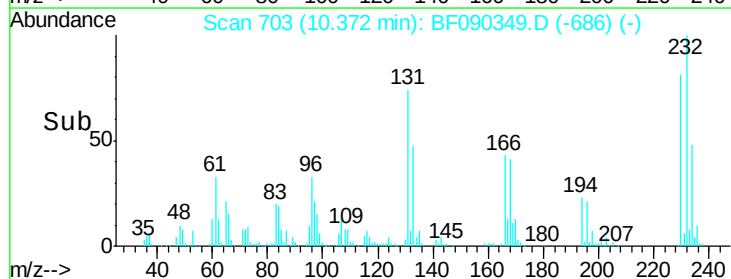
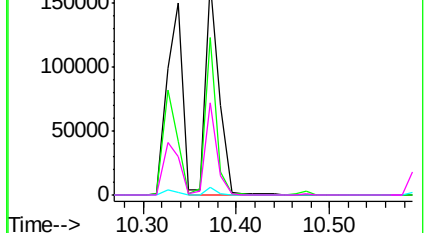


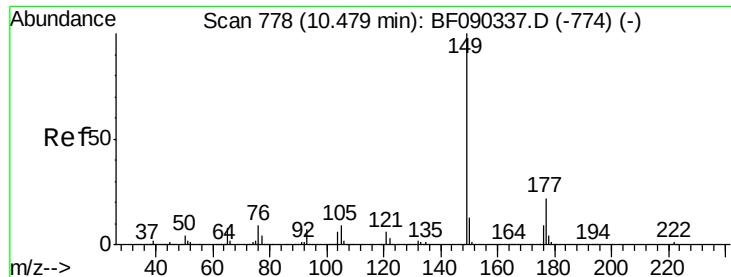
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

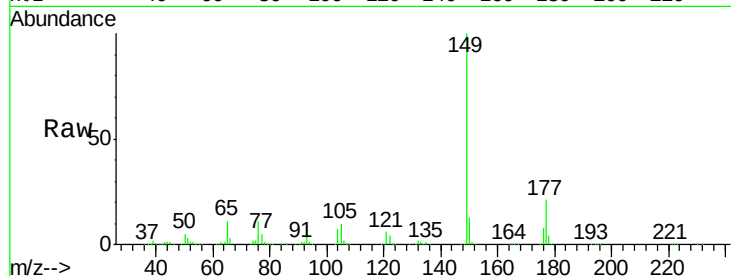




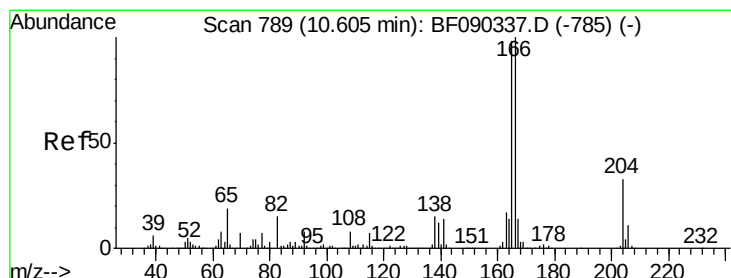
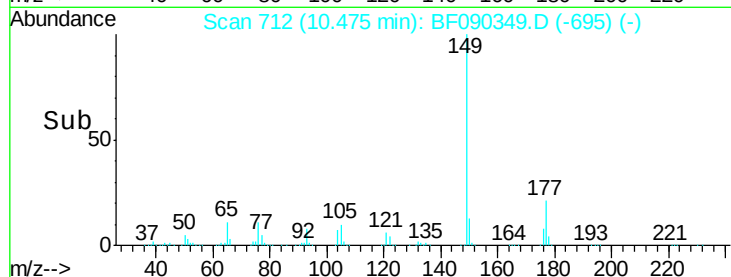
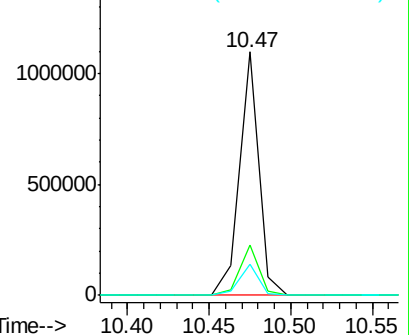
#59
Diethylphthalate
Concen: 41.20 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 903908
Ion Ratio Lower Upper
149 100
177 20.6 21.1 31.7#
150 12.7 10.2 15.2

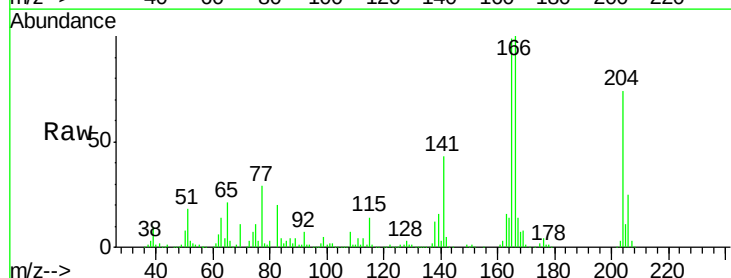


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

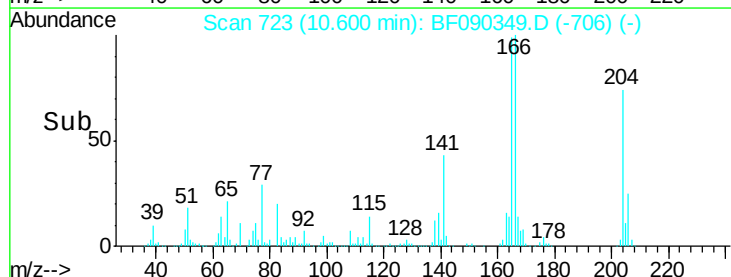
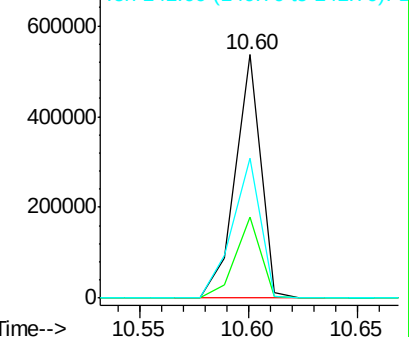


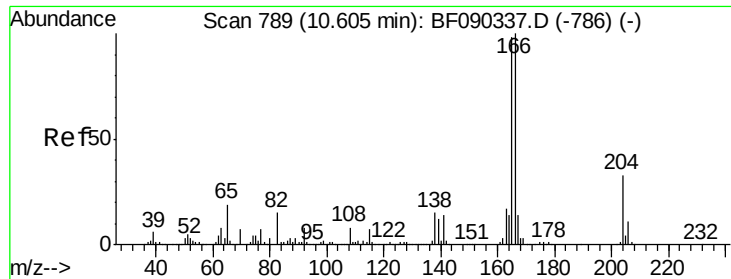
#60
4-Chlorophenyl-phenylether
Concen: 42.82 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:204 Resp: 435690
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 57.6 51.7 77.5



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

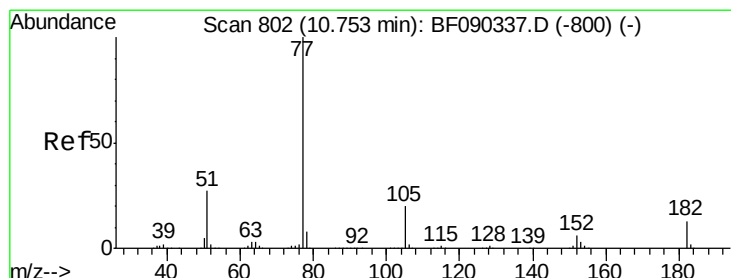
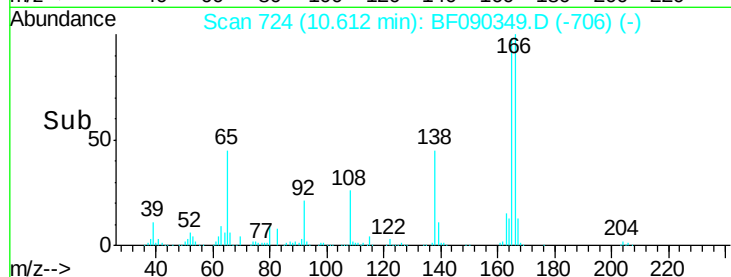
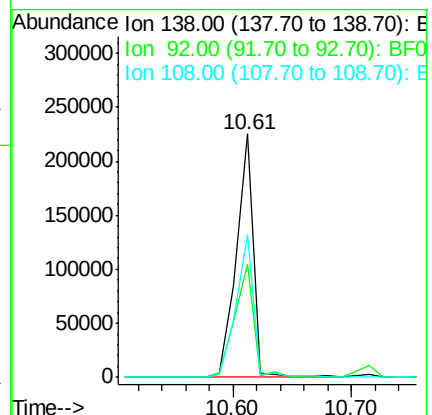
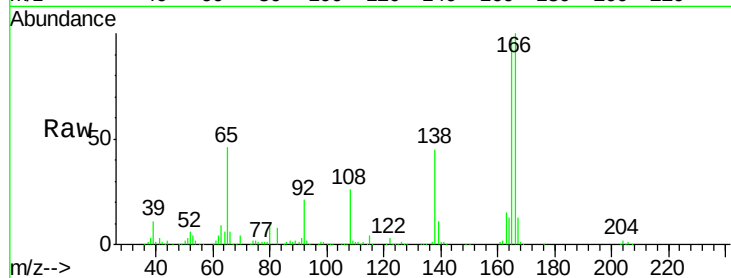




#61
4-Nitroaniline
Concen: 46.97 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

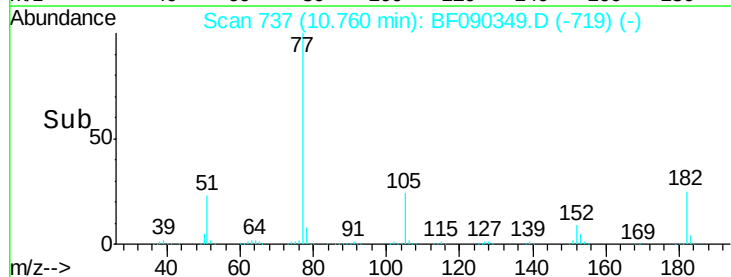
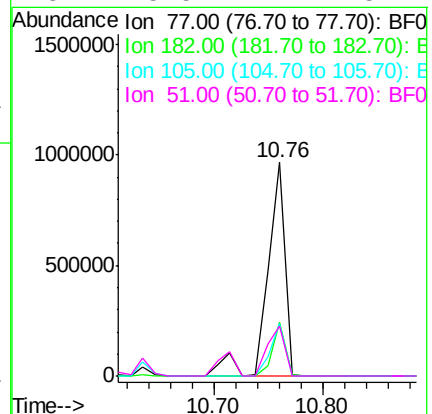
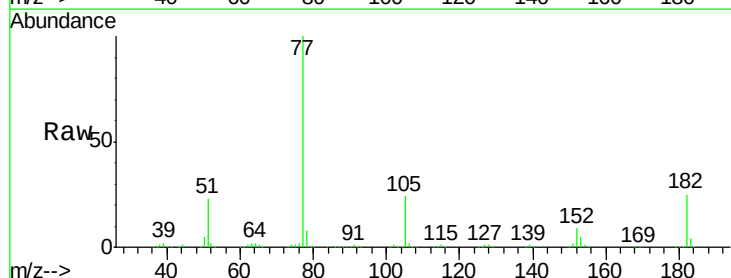
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

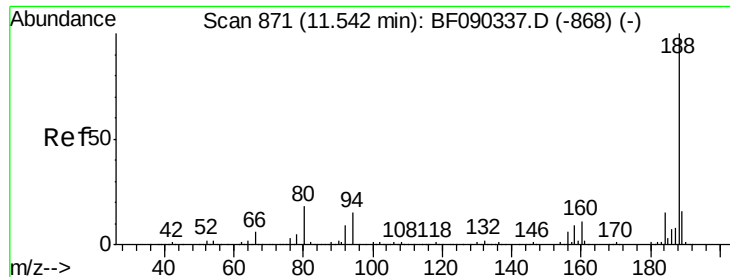
Tgt Ion:138 Resp: 224733
Ion Ratio Lower Upper
138 100
92 46.6 33.2 73.2
108 58.3 48.5 88.5



#62
Azobenzene
Concen: 48.16 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion: 77 Resp: 1101208
Ion Ratio Lower Upper
77 100
182 25.5 3.2 43.2
105 24.4 2.9 42.9
51 23.5 14.2 54.2

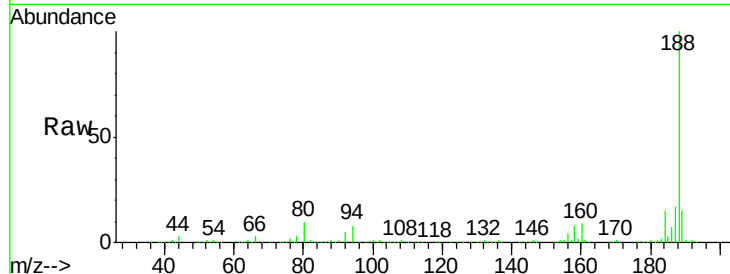




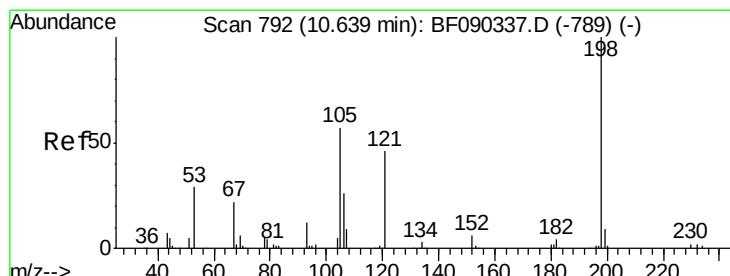
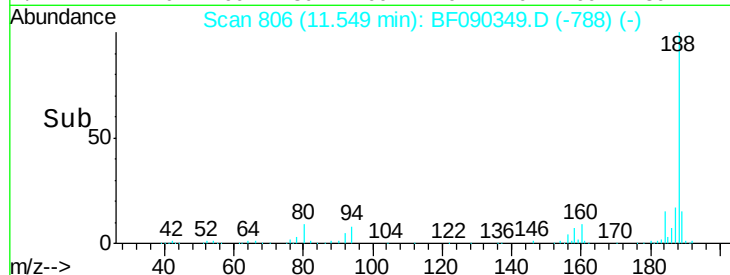
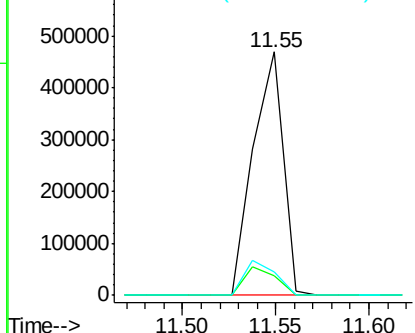
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 522760
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.7 8.8 13.2

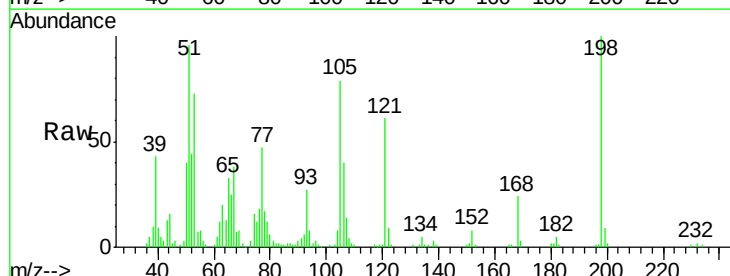


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

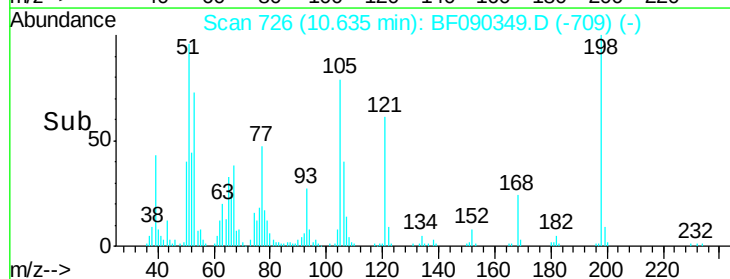
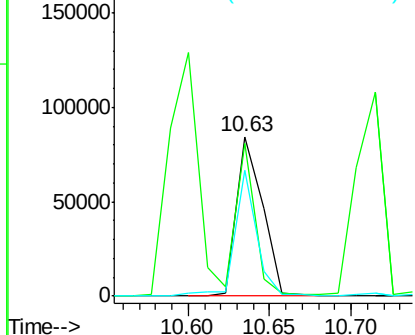


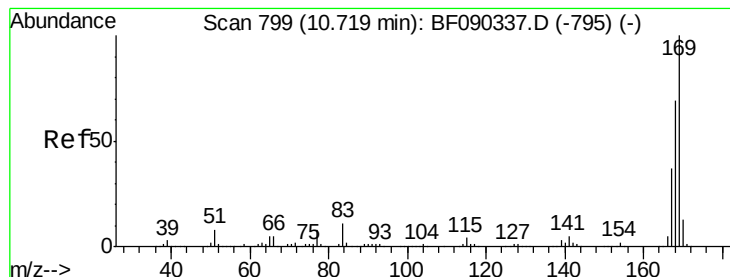
#64
4,6-Dinitro-2-methylphenol
Concen: 41.19 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:198 Resp: 92120
Ion Ratio Lower Upper
198 100
51 96.1 67.3 107.3
105 78.9 42.6 82.6



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

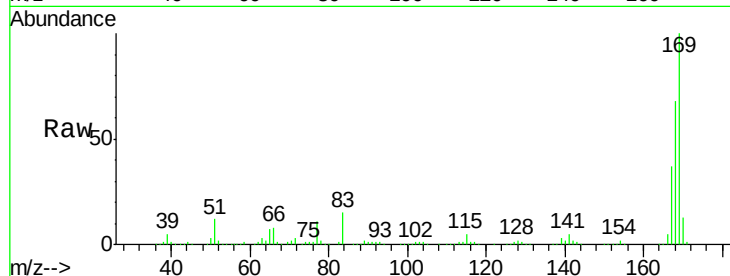




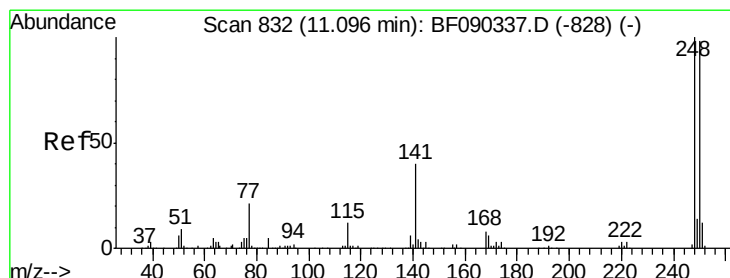
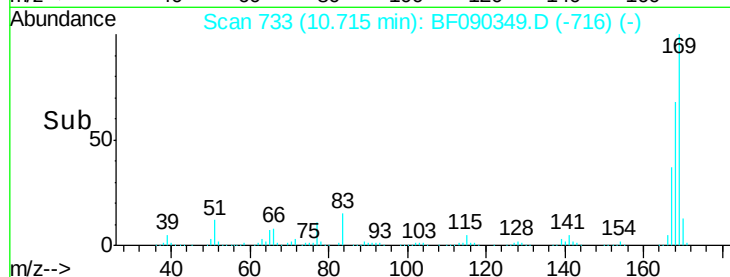
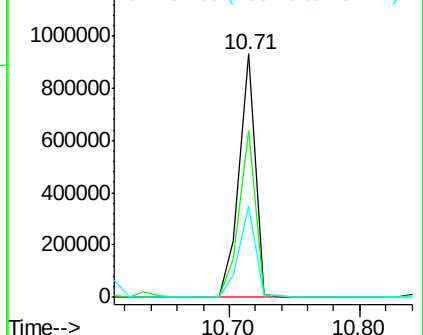
#65
 n-Nitrosodiphenylamine
 Concen: 44.86 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 799616
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.8 80.6
 167 37.3 29.8 44.8

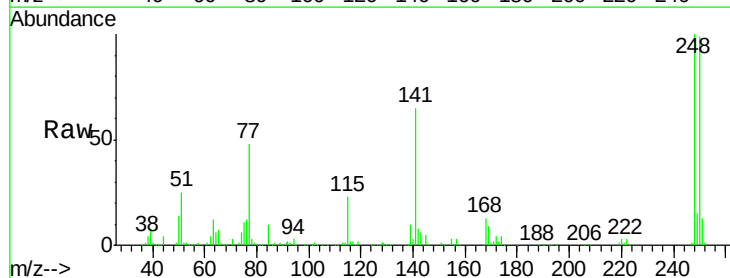


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

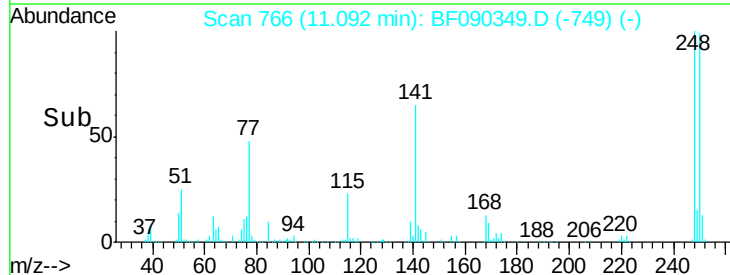
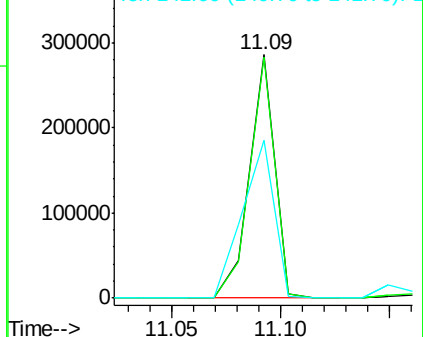


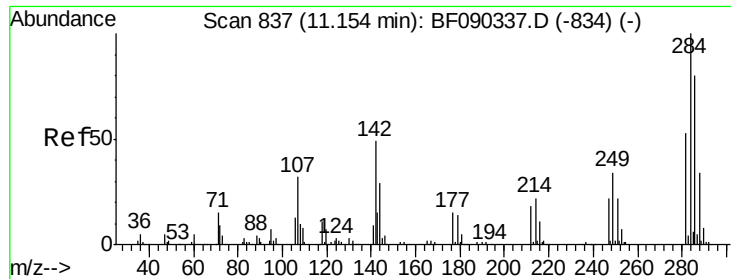
#66
 4-Bromophenyl-phenylether
 Concen: 40.75 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion:248 Resp: 230177
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.5 114.7
 141 65.0 59.8 89.6



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

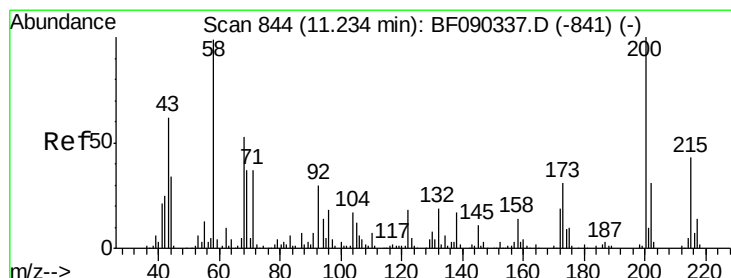
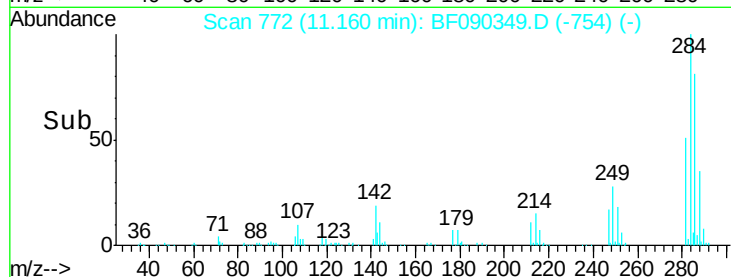
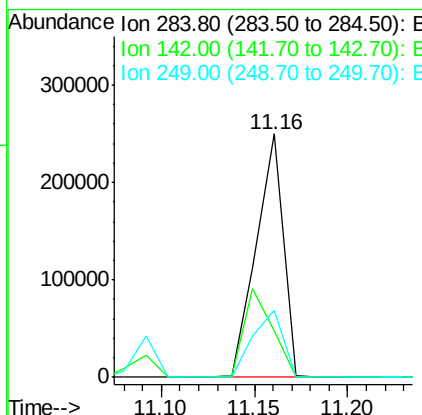
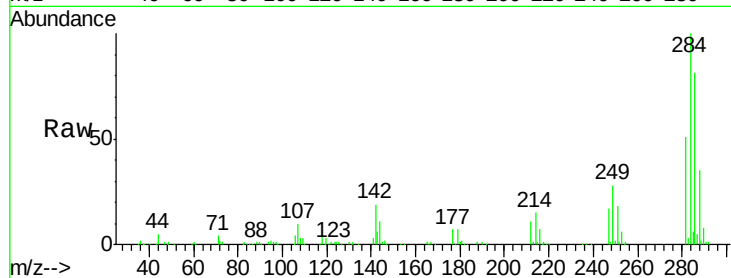




#67
Hexachlorobenzene
Concen: 37.62 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

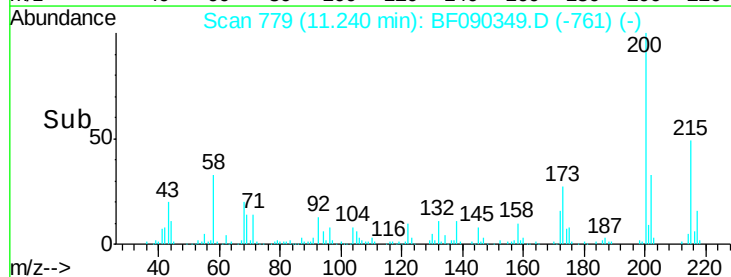
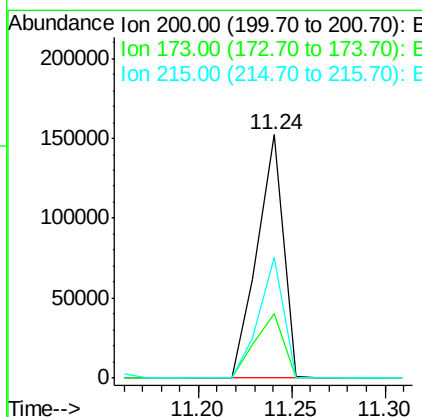
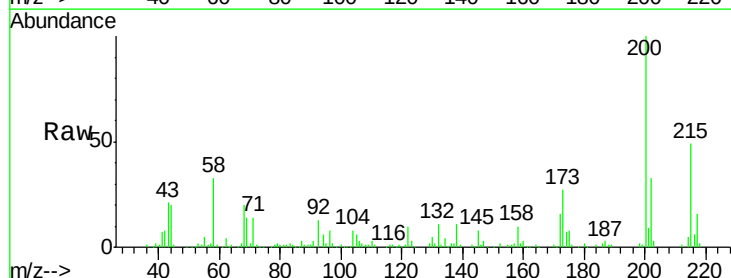
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

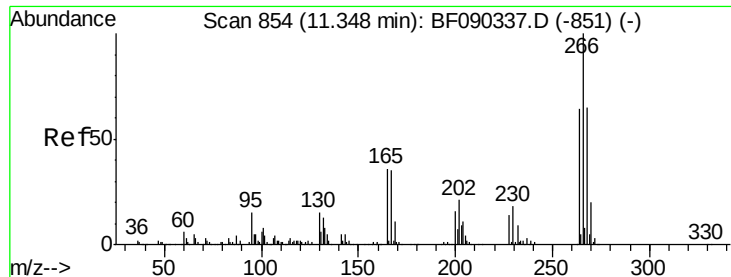
Tgt Ion: 284 Resp: 249783
Ion Ratio Lower Upper
284 100
142 19.1 23.1 34.7#
249 27.5 26.3 39.5



#68
Atrazine
Concen: 34.60 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion: 200 Resp: 147660
Ion Ratio Lower Upper
200 100
173 26.7 9.0 49.0
215 49.3 24.8 64.8

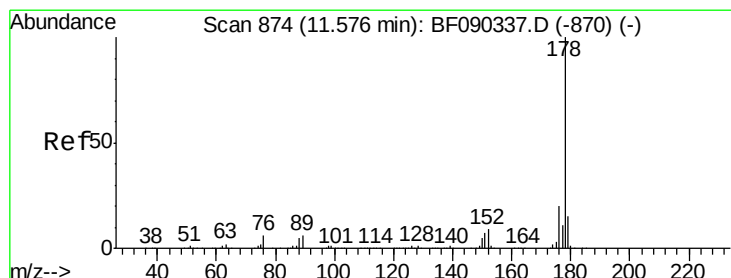
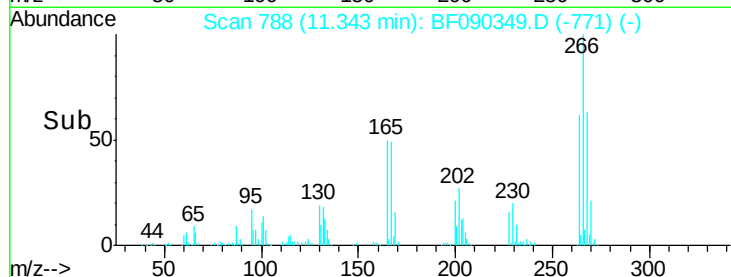
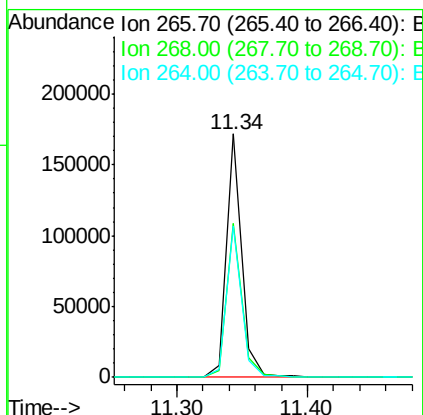
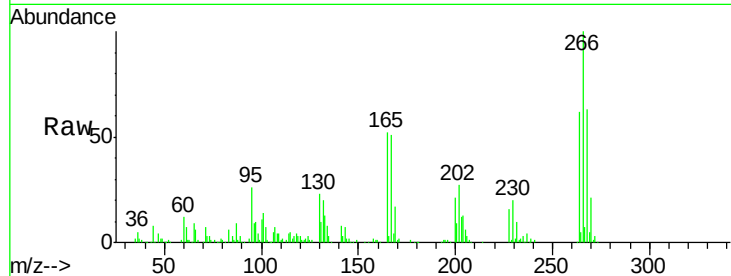




#69
 Pentachlorophenol
 Concen: 38.12 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

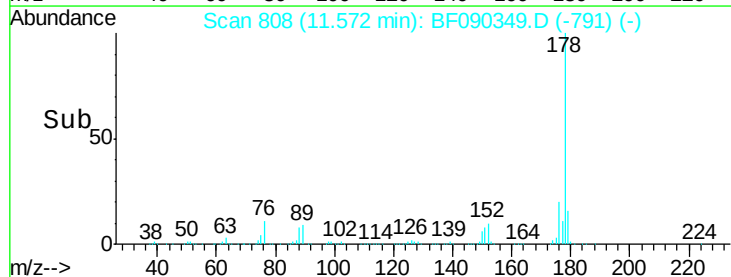
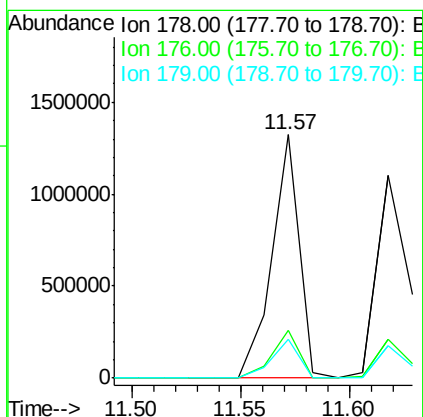
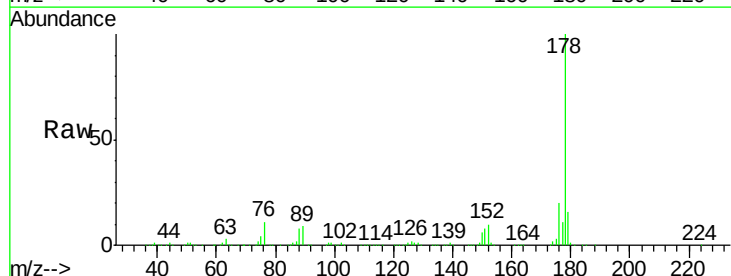
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

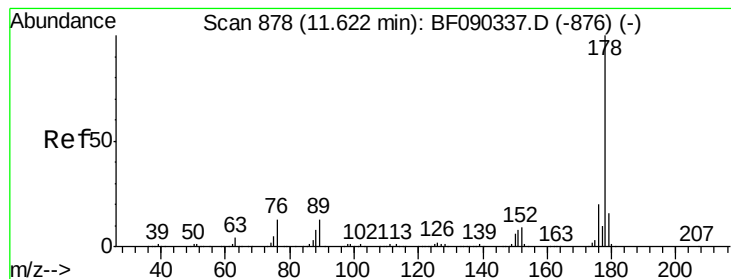
Tgt Ion: 266 Resp: 141870
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.9 76.3
 264 62.5 51.5 77.3



#70
 Phenanthrene
 Concen: 41.52 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion: 178 Resp: 1164564
 Ion Ratio Lower Upper
 178 100
 176 19.6 17.3 25.9
 179 15.9 13.8 20.6





#71

Anthracene

Concen: 39.00 ng

RT: 11.62 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

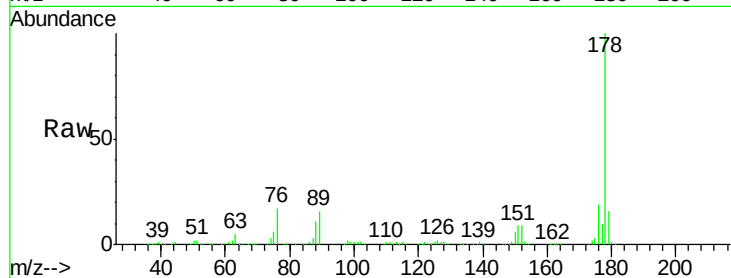
BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 1091697

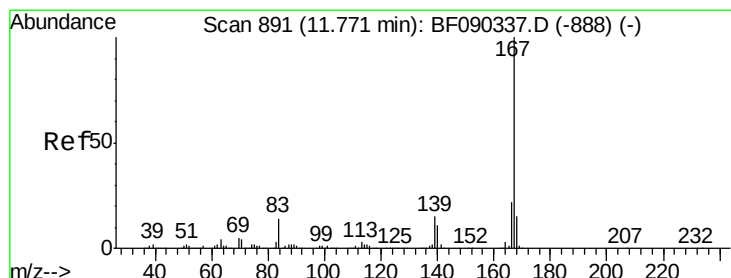
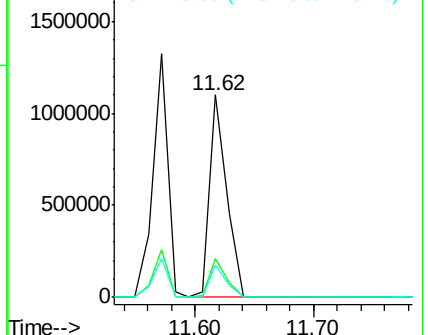
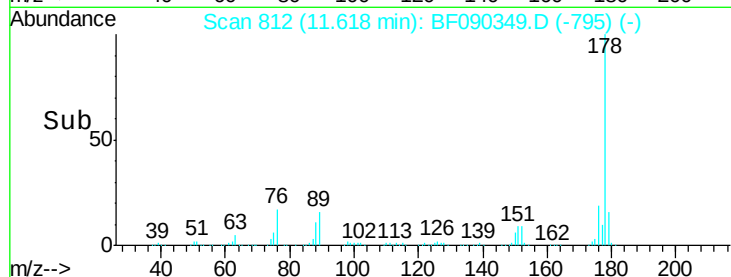
Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.8	25.2
179	16.3	13.4	20.2



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



#72

Carbazole

Concen: 39.75 ng

RT: 11.77 min Scan# 825

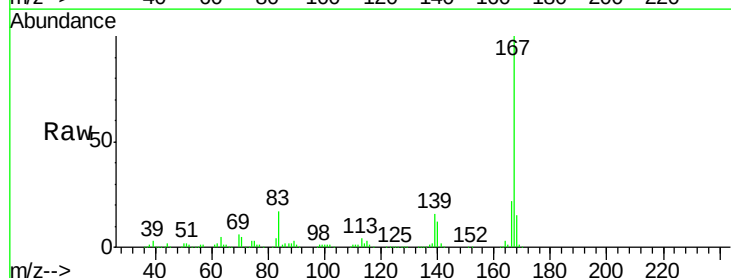
Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Tgt Ion:167 Resp: 1023082

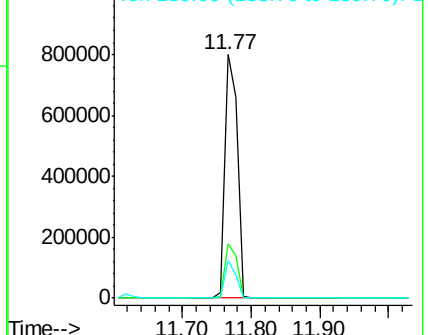
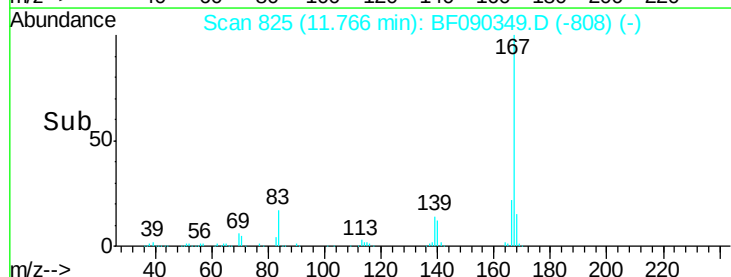
Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.1	28.7
139	15.7	12.1	18.1

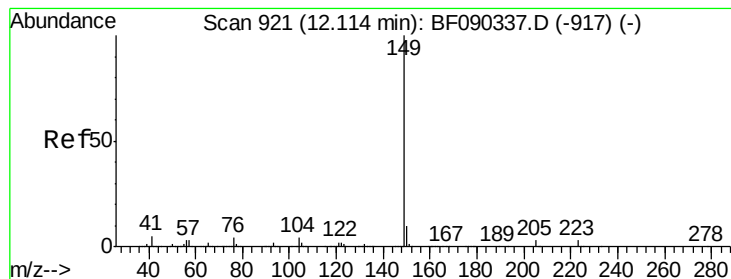


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.54 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

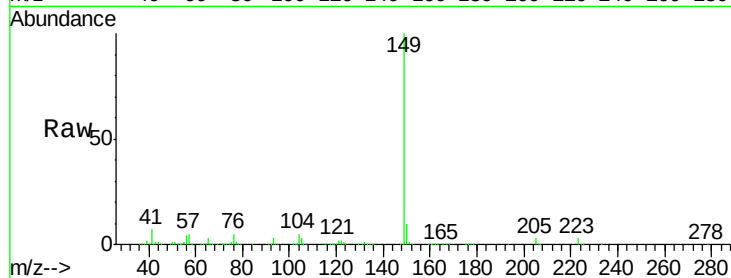
Tgt Ion:149 Resp: 1339070

Ion Ratio Lower Upper

149 100

150 9.8 8.6 12.8

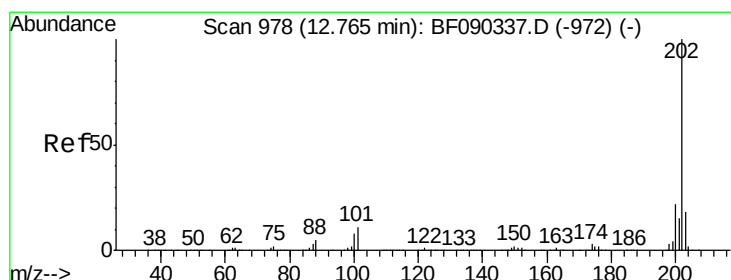
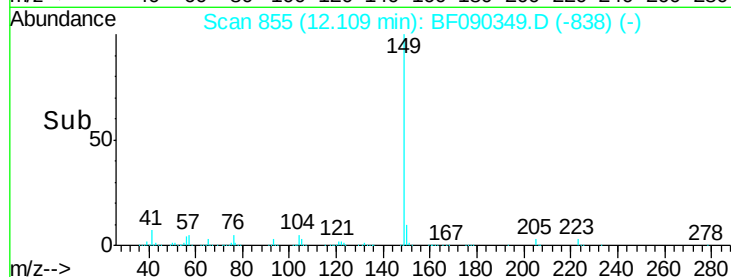
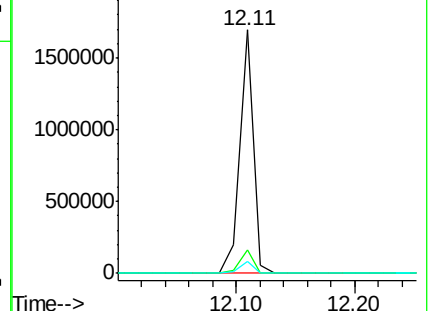
104 4.8 4.7 7.1



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: 39.64 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

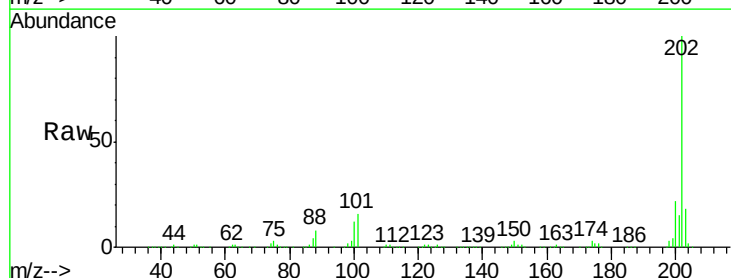
Tgt Ion:202 Resp: 1054457

Ion Ratio Lower Upper

202 100

101 16.0 0.0 37.2

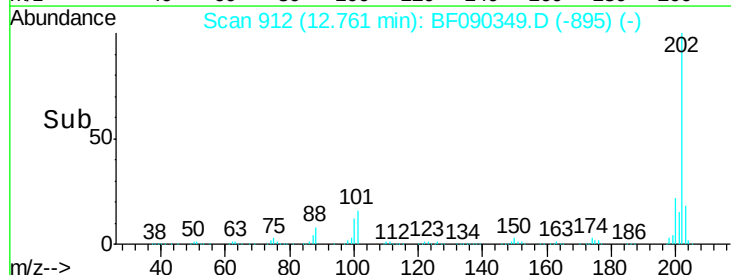
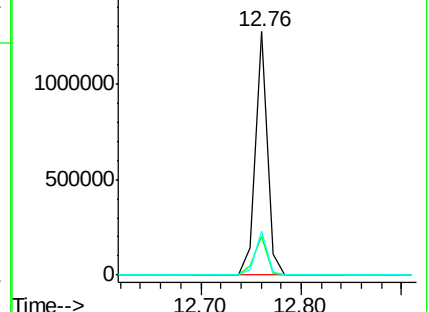
203 18.3 0.0 39.3

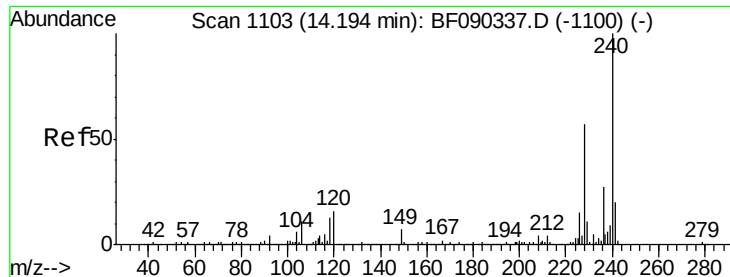


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

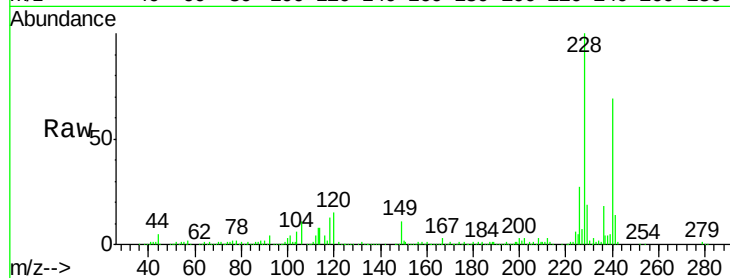
Tgt Ion:240 Resp: 388337

Ion Ratio Lower Upper

240 100

120 21.4 8.6 13.0#

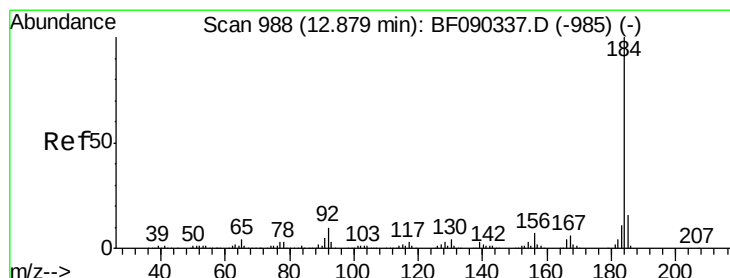
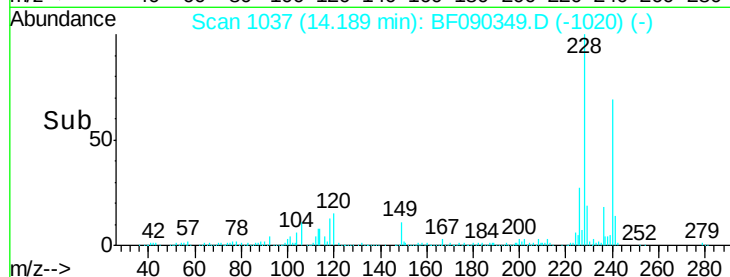
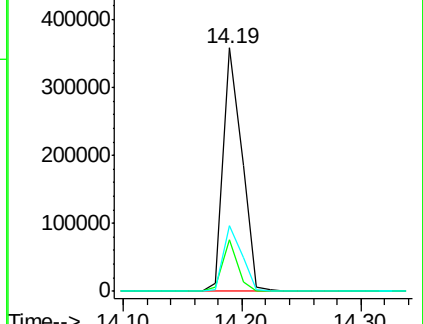
236 27.0 21.6 32.4



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: 24.32 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

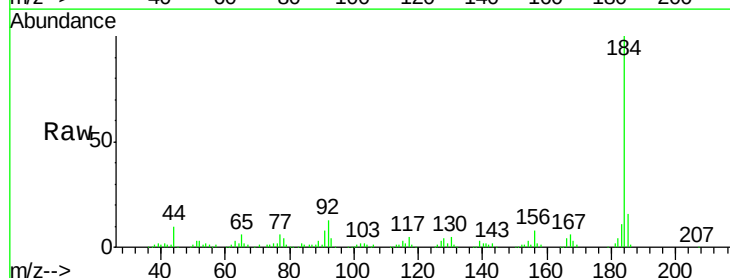
Tgt Ion:184 Resp: 259680

Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

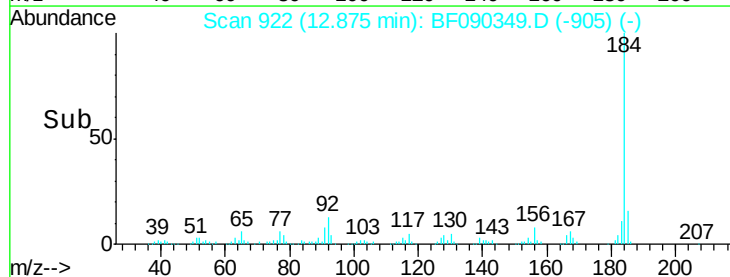
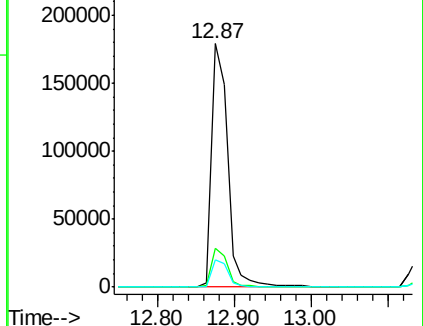
183 11.0 9.6 14.4

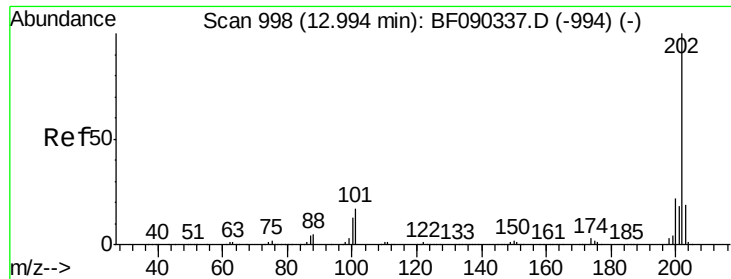


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

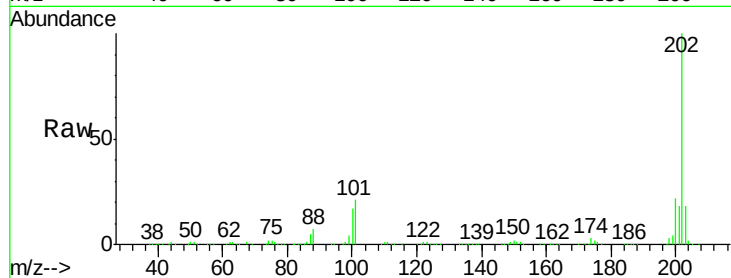




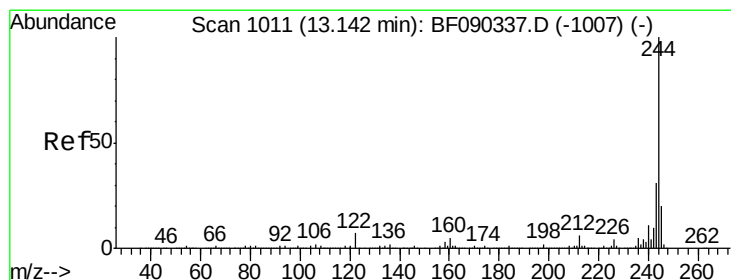
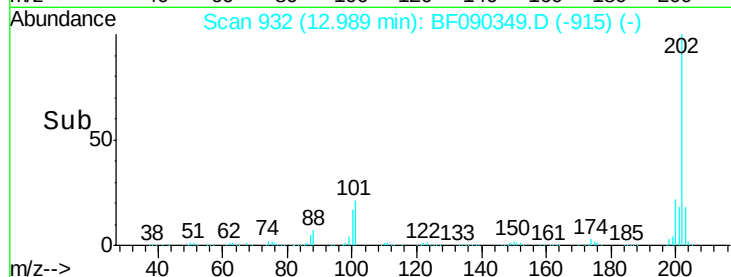
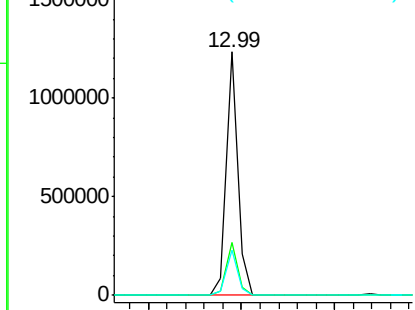
#77
 Pyrene
 Concen: 42.47 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:202 Resp: 1056084
 Ion Ratio Lower Upper
 202 100
 200 22.0 18.5 27.7
 203 18.3 15.0 22.6

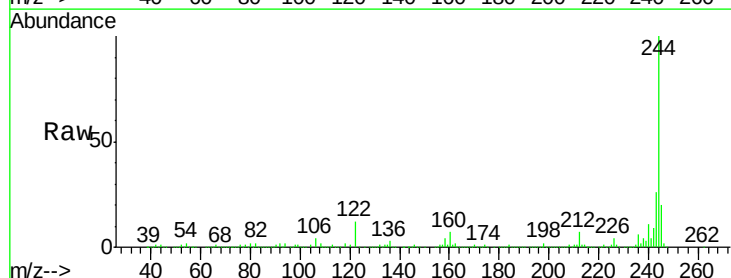


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

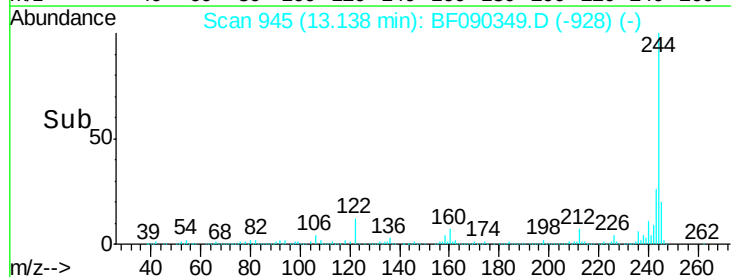
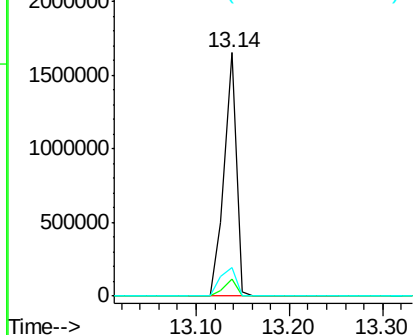


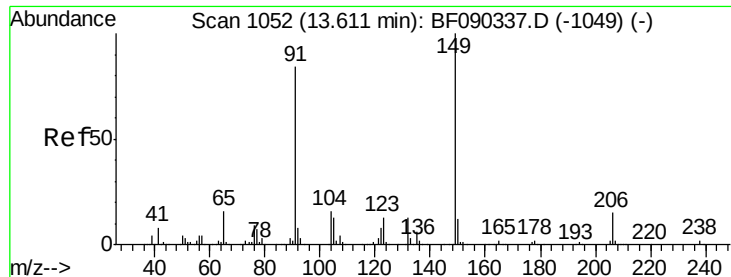
#78
 Terphenyl-d14
 Concen: 90.31 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion:244 Resp: 1506356
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.8 10.2
 122 11.5 13.3 19.9#



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

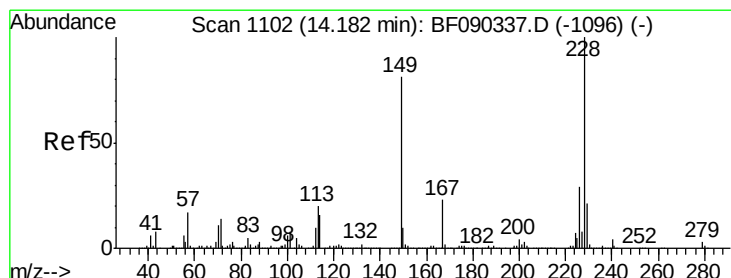
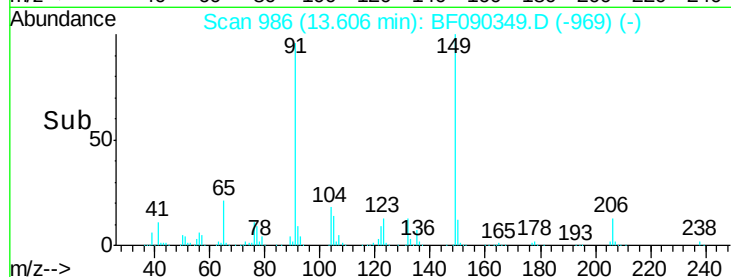
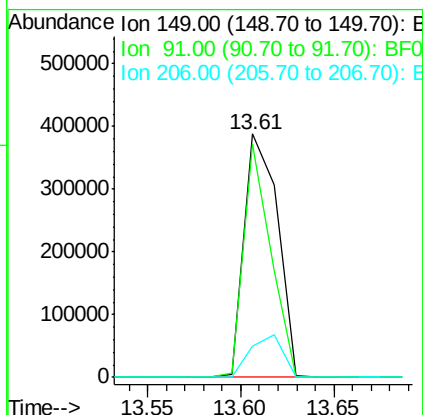
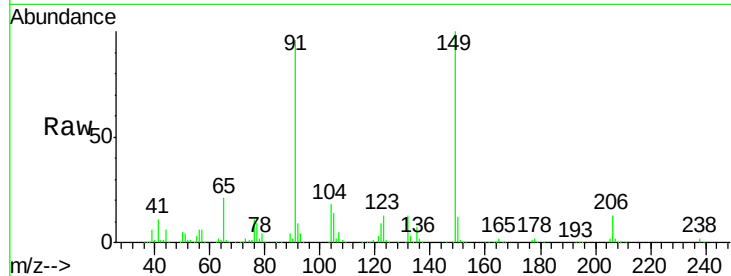




#79
Butylbenzylphthalate
Concen: 49.21 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

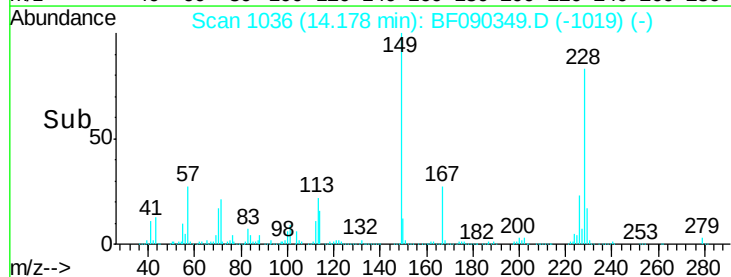
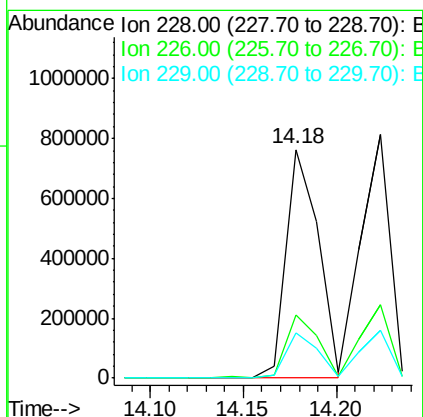
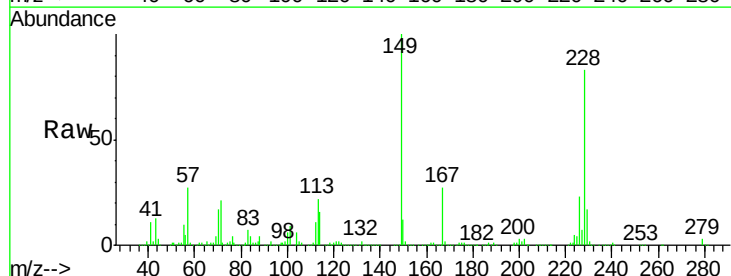
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

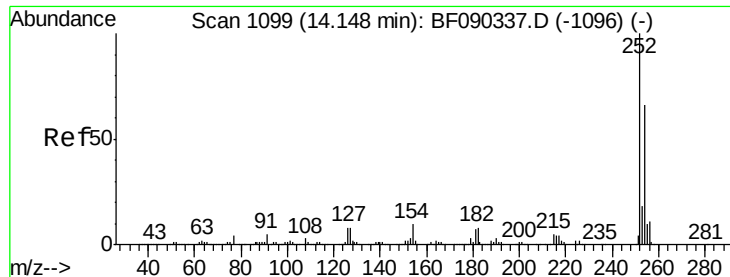
Tgt Ion:149 Resp: 482228
Ion Ratio Lower Upper
149 100
91 95.7 51.8 77.8#
206 12.7 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 42.26 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF090349.D
Acq: 4 Oct 2016 18:39

Tgt Ion:228 Resp: 920333
Ion Ratio Lower Upper
228 100
226 27.8 23.6 35.4
229 20.0 16.6 25.0

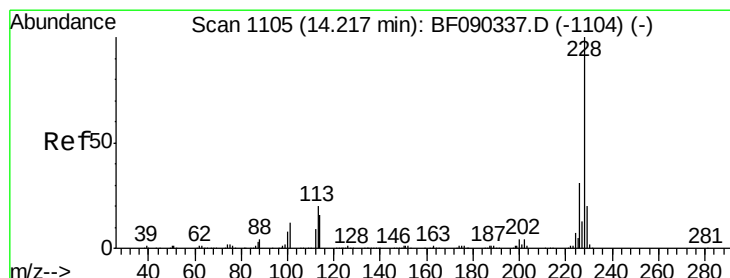
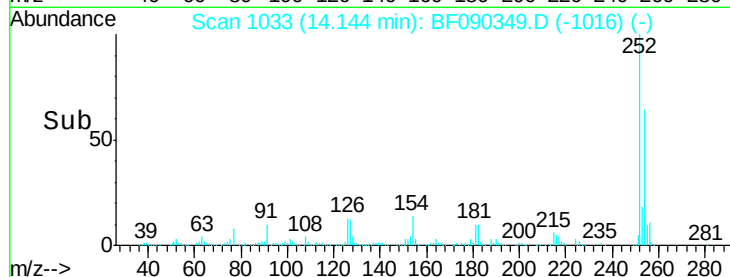
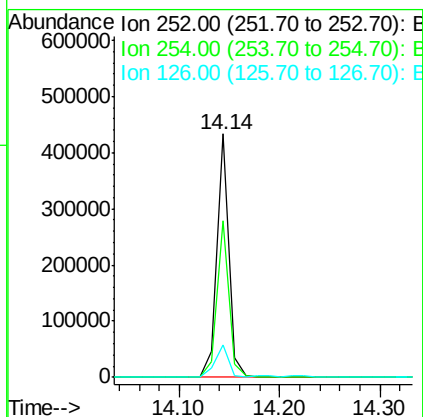
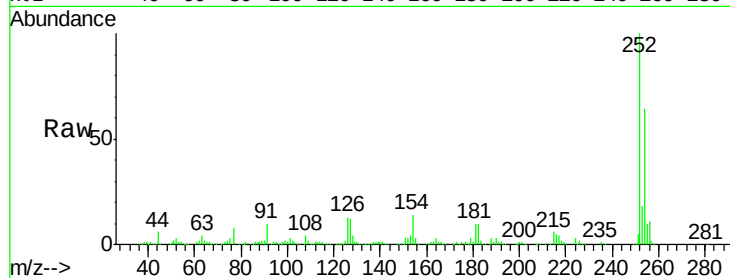




#81
 3,3'-Dichlorobenzidine
 Concen: 47.73 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

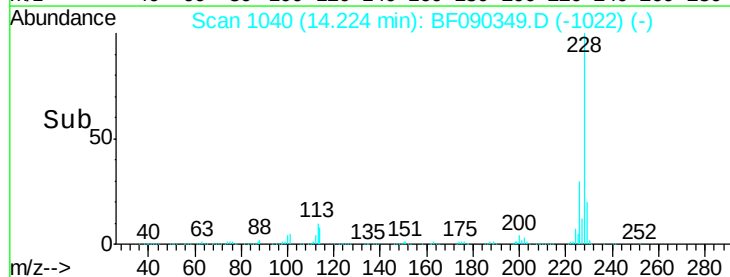
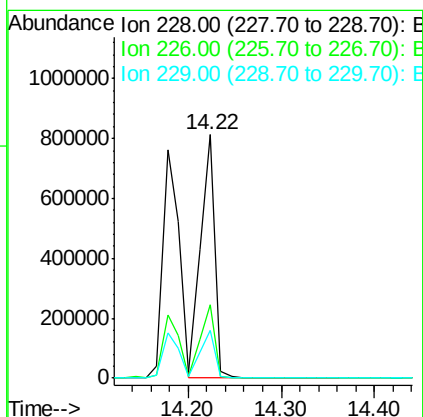
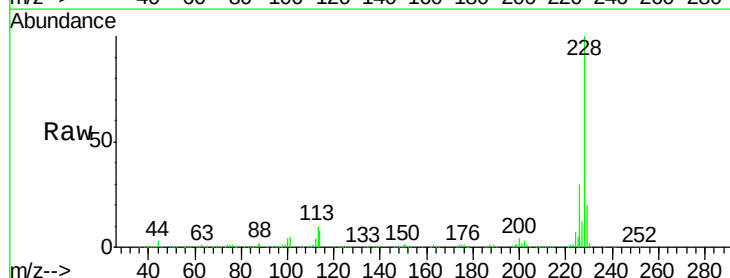
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

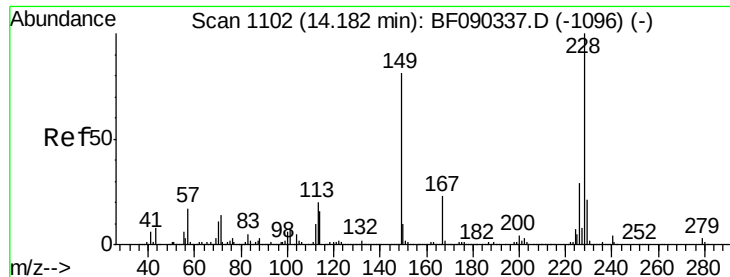
Tgt Ion: 252 Resp: 358072
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.1 78.1
 126 13.3 4.2 6.4#



#82
 Chrysene
 Concen: 42.94 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion: 228 Resp: 876221
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.8 38.6
 229 19.7 16.9 25.3

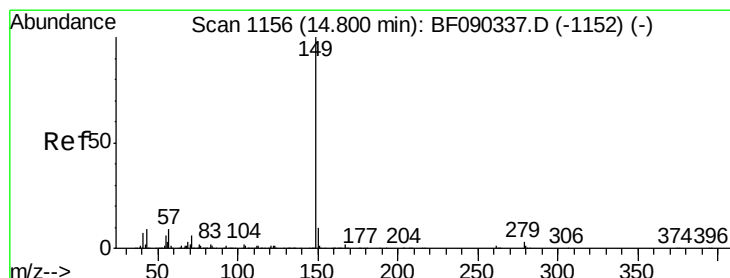
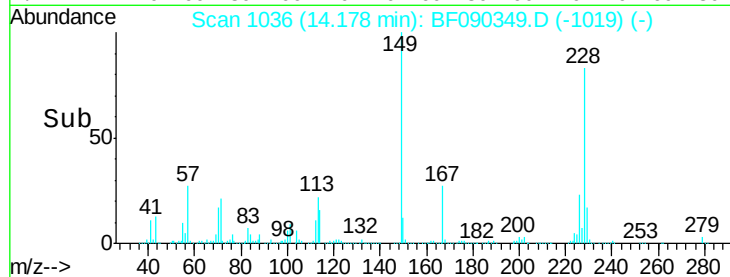
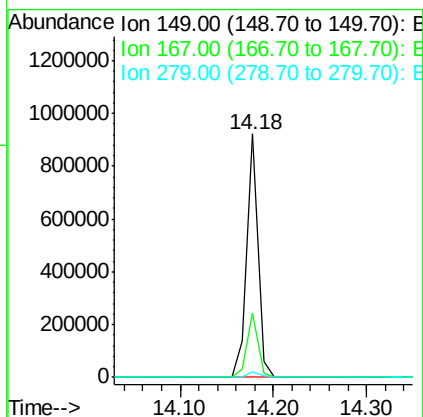
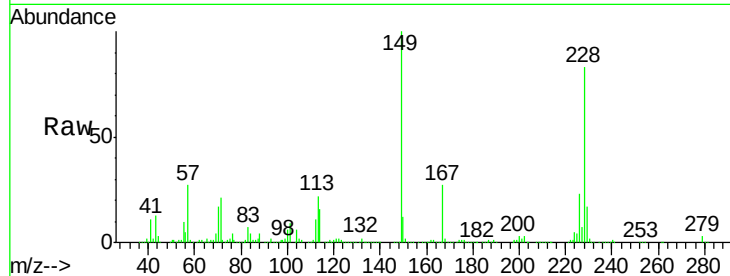




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.57 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

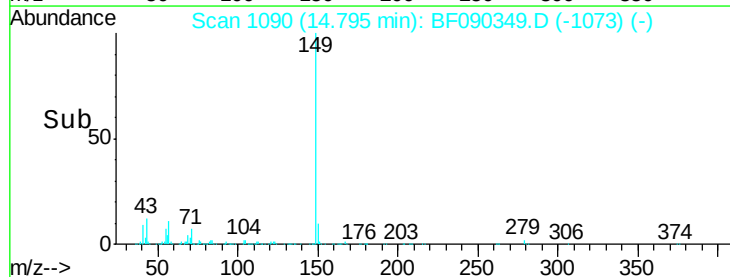
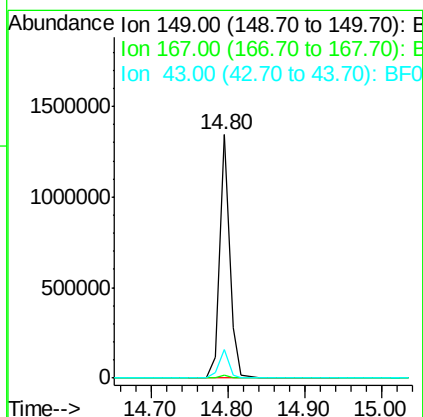
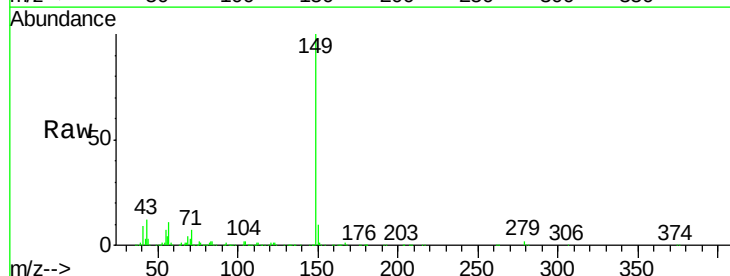
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

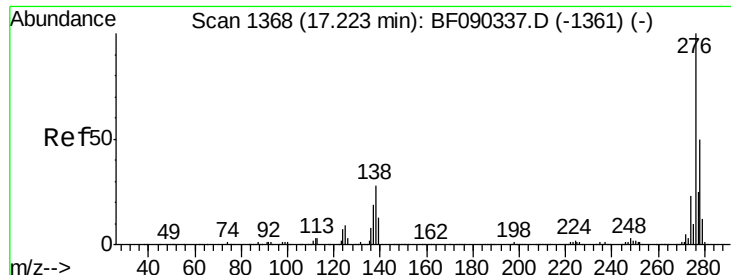
Tgt Ion:149 Resp: 777013
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.5 32.3
 279 2.5 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 53.32 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion:149 Resp: 1214494
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.1 11.8 17.8

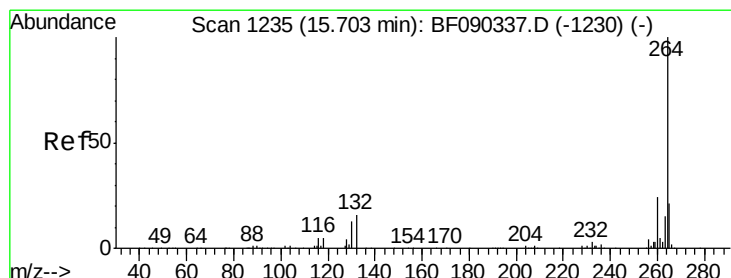
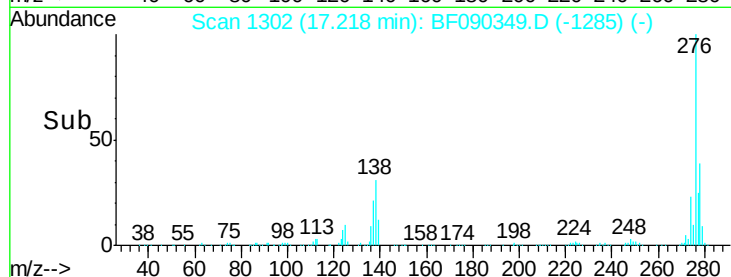
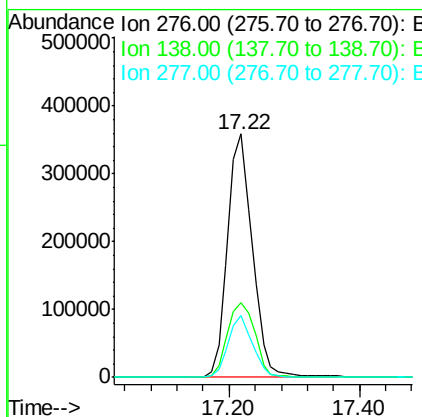
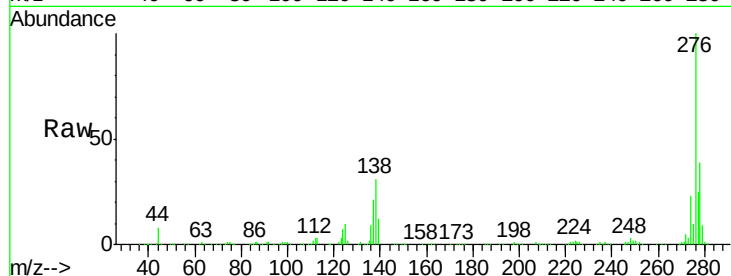




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.28 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

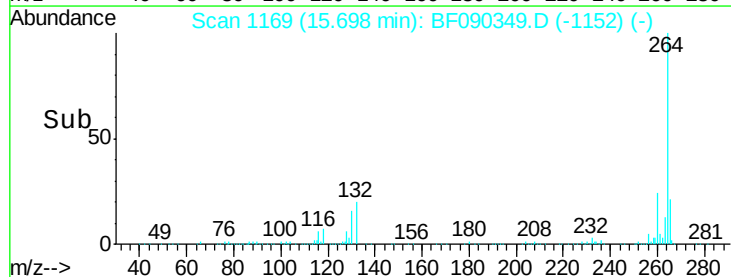
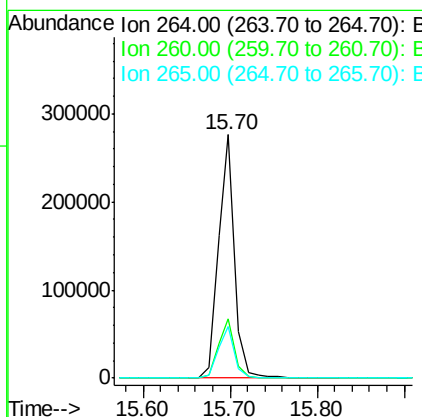
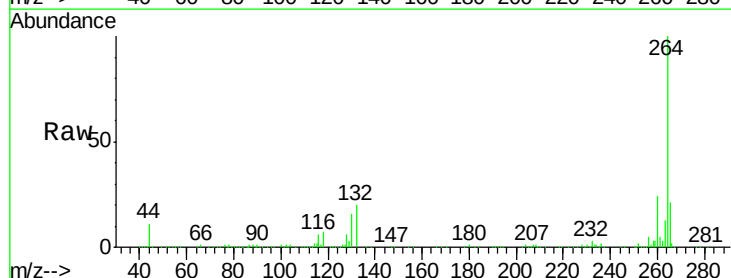
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

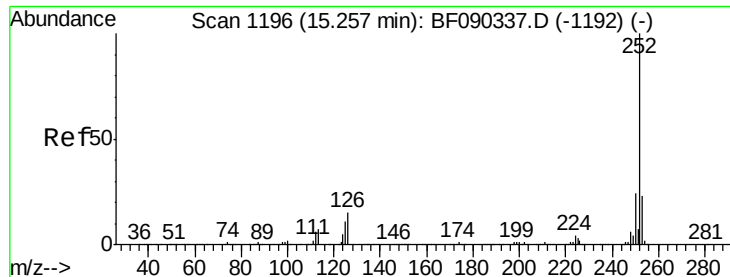
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.4	23.8	35.8
277	25.0	20.4	30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090349.D
 Acq: 4 Oct 2016 18:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 39.39 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

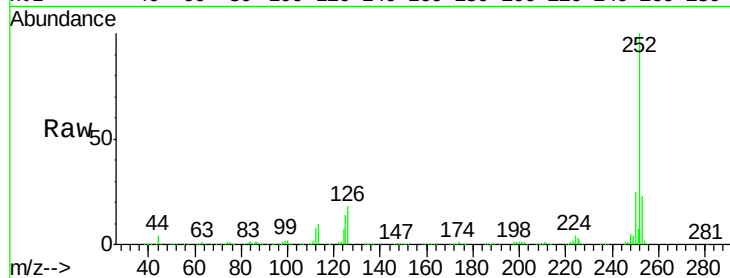
Tgt Ion:252 Resp: 804646

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.2

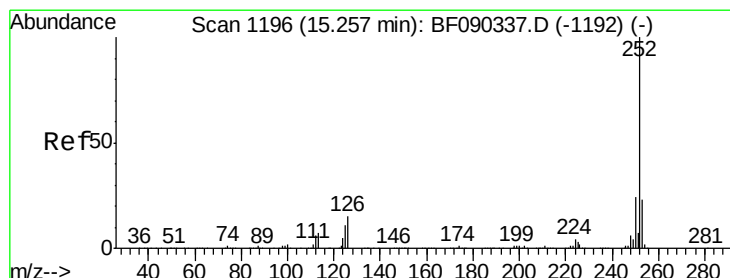
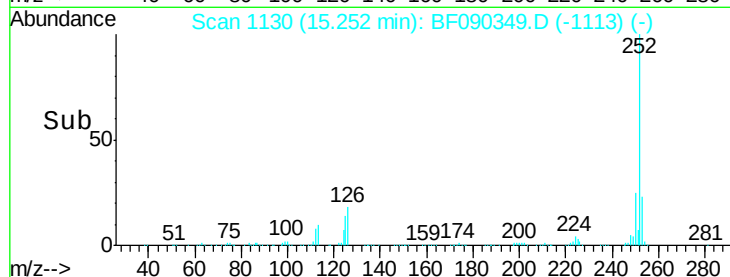
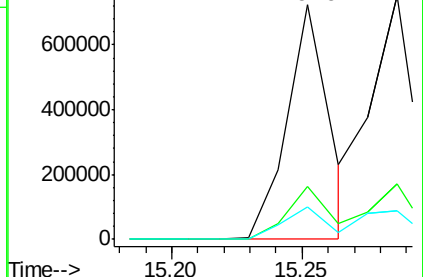
125 13.9 7.0 10.4#



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: 41.23 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.04 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

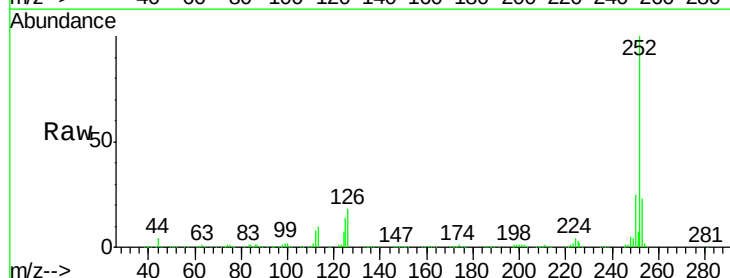
Tgt Ion:252 Resp: 804646

Ion Ratio Lower Upper

252 100

253 22.7 18.6 27.8

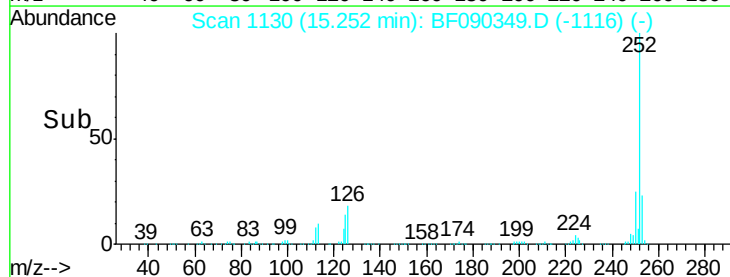
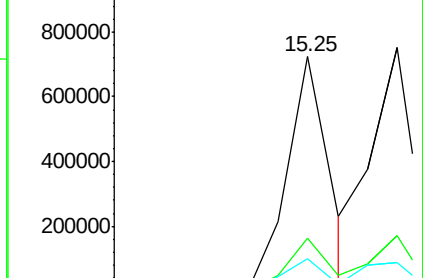
125 13.9 11.7 17.5

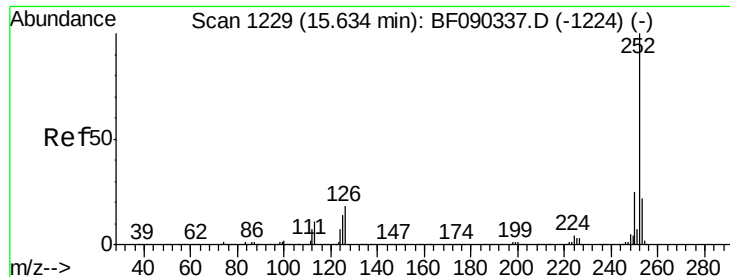


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.04 ng

RT: 15.63 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

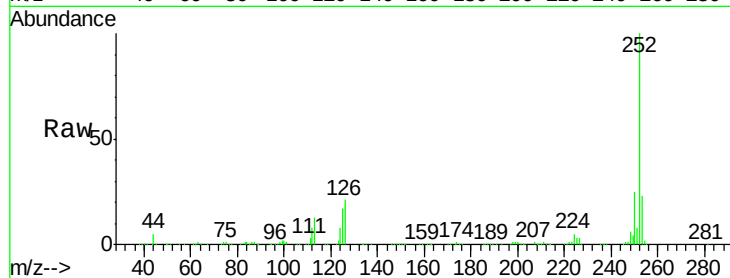
Tgt Ion:252 Resp: 783359

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

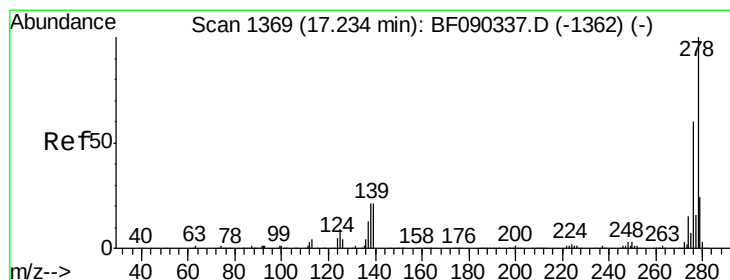
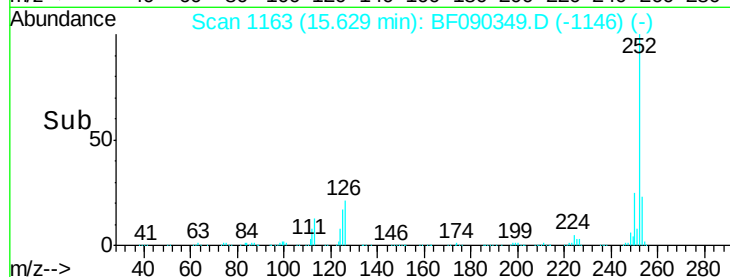
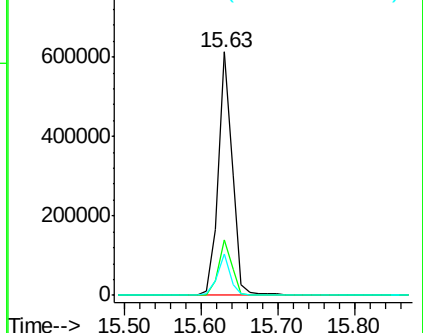
125 16.9 9.8 14.8#



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: 43.47 ng

RT: 17.24 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF090349.D

Acq: 4 Oct 2016 18:39

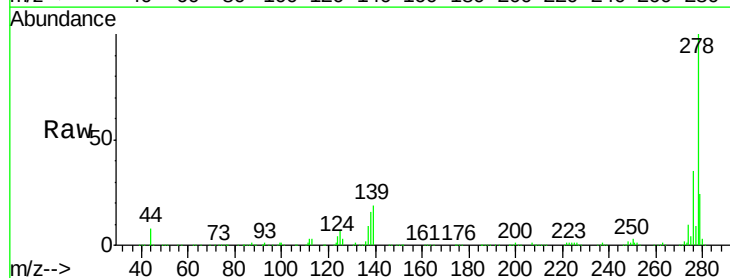
Tgt Ion:278 Resp: 794240

Ion Ratio Lower Upper

278 100

139 18.8 12.8 19.2

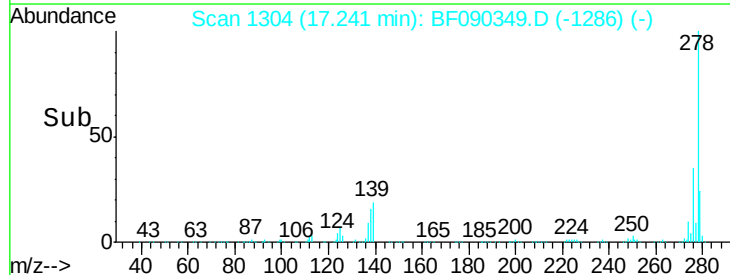
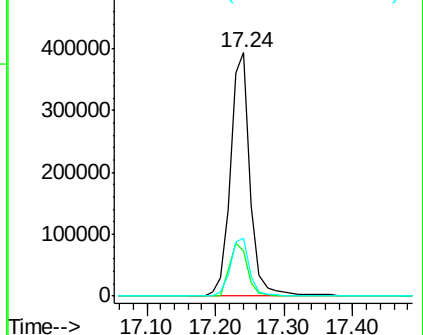
279 23.8 19.6 29.4

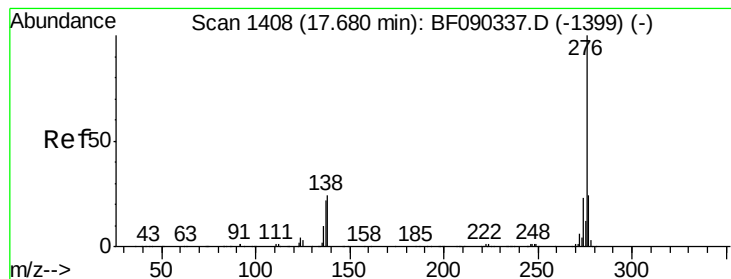


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.65 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF090349.D

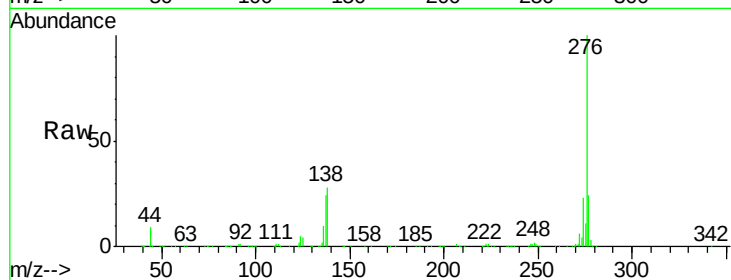
Acq: 4 Oct 2016 18:39

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



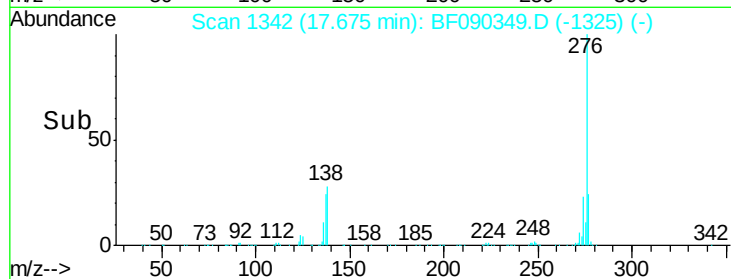
Tgt Ion: 276 Resp: 781265

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 27.9 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

