

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102816\
 Data File : BF090920.D
 Acq On : 28 Oct 2016 20:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 28 23:06:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	181566	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	768455	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	384043	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	635445	20.00	ng	0.00
75) Chrysene-d12	13.93	240	506121	20.00	ng	0.00
86) Perylene-d12	15.33	264	390764	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	961365	92.58	ng	0.00
7) Phenol-d6	6.41	99	1189738	84.92	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1061265	90.41	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	327342	82.94	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1833539	83.84	ng	-0.01
78) Terphenyl-d14	12.88	244	1719501	85.59	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	234555	44.18	ng	# 82
3) Pyridine	2.97	79	634852	44.08	ng	# 76
4) n-Nitrosodimethylamine	2.92	42	216656	53.43	ng	# 70
6) Aniline	6.43	93	723533	45.21	ng	# 61
8) 2-Chlorophenol	6.54	128	511351	39.92	ng	# 85
9) Benzaldehyde	6.30	77	331509	45.81	ng	# 72
10) Phenol	6.42	94	606054	39.25	ng	# 7
11) bis(2-Chloroethyl)ether	6.50	93	526254	41.20	ng	# 99
12) 1,3-Dichlorobenzene	6.70	146	554217	42.30	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	552175	40.07	ng	# 95
14) 1,2-Dichlorobenzene	6.78	146	556468	42.13	ng	# 99
15) Benzyl Alcohol	6.91	79	412055	44.78	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.05	45	699176	55.00	ng	# 72
17) 2-Methylphenol	7.04	107	446419	45.81	ng	# 81
18) Hexachloroethane	7.28	117	214137	42.70	ng	# 84
19) n-Nitroso-di-n-propylamine	7.18	70	371261	45.83	ng	# 71
20) 3+4-Methylphenols	7.18	107	511550	45.34	ng	# 48
22) Acetophenone	7.18	105	703787	44.52	ng	# 85
24) Nitrobenzene	7.36	77	657525	52.96	ng	# 73
25) Isophorone	7.60	82	1030468	43.26	ng	# 88
26) 2-Nitrophenol	7.66	139	264467	39.76	ng	# 42
27) 2,4-Dimethylphenol	7.72	122	454708	42.22	ng	# 84
28) bis(2-Chloroethoxy)methane	7.81	93	617195	45.56	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	401719	40.29	ng	# 93
30) 1,2,4-Trichlorobenzene	8.00	180	452609	39.28	ng	# 97
31) Naphthalene	8.08	128	1549696	43.14	ng	# 97
32) Benzoic acid	7.86	122	328865	42.06	ng	# 62
33) 4-Chloroaniline	8.13	127	642422	44.26	ng	# 96
34) Hexachlorobutadiene	8.19	225	232156	34.26	ng	# 98
35) Caprolactam	8.51	113	120860	39.05	ng	# 88
36) 4-Chloro-3-methylphenol	8.62	107	452881	41.76	ng	# 94
37) 2-Methylnaphthalene	8.76	142	893443	38.51	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	448721	42.59	ng	# 98
40) Hexachlorocyclopentadiene	8.92	237	103706	21.40	ng	# 98

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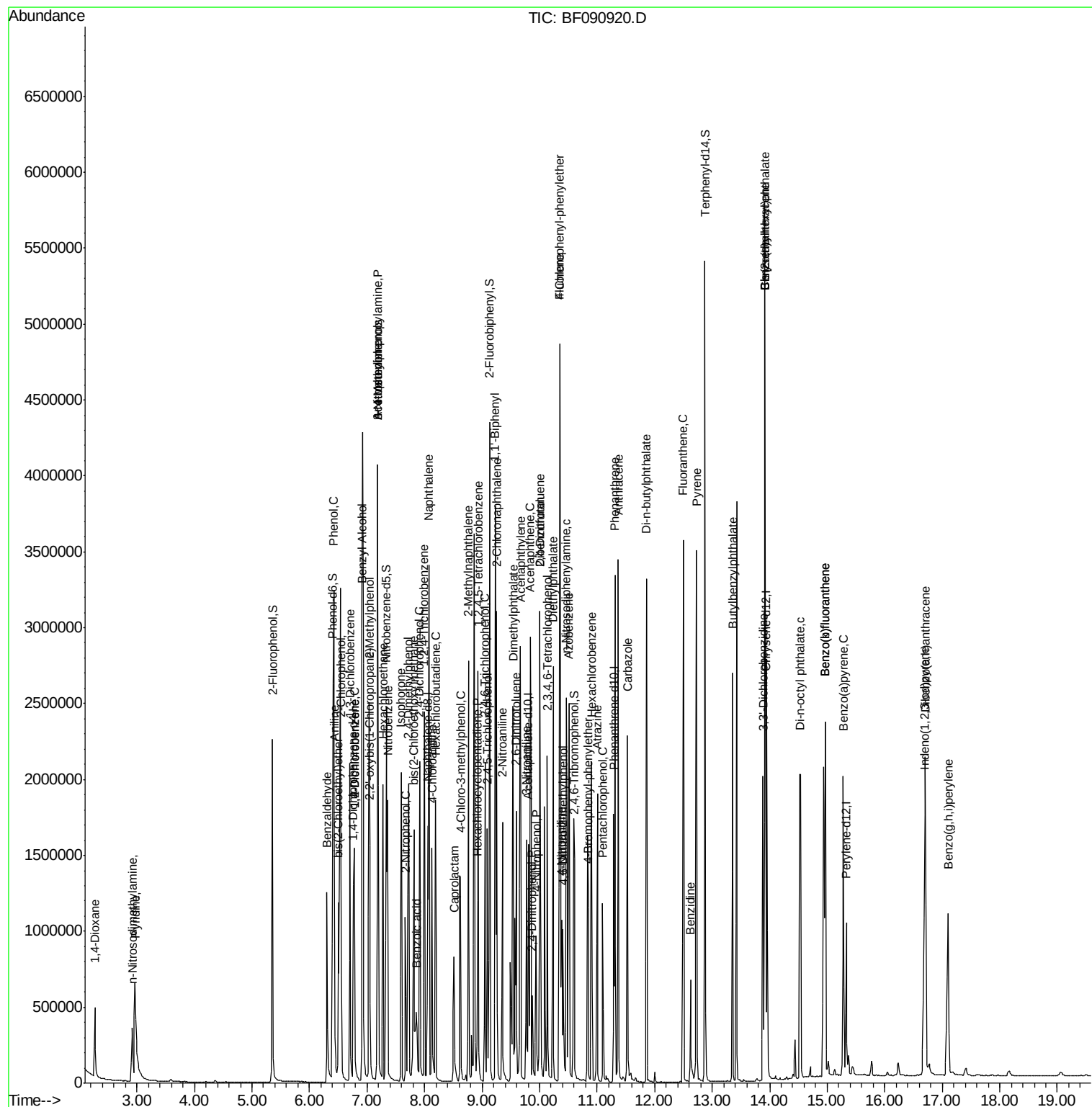
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	272449	40.06	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	306074	43.69	ng	98
45) 1,1'-Biphenyl	9.23	154	1136627	41.09	ng	91
46) 2-Chloronaphthalene	9.25	162	876663	41.66	ng	# 90
47) 2-Nitroaniline	9.36	65	358268	60.34	ng	# 77
48) Acenaphthylene	9.66	152	1304660	40.95	ng	95
49) Dimethylphthalate	9.54	163	1041236	40.58	ng	# 97
50) 2,6-Dinitrotoluene	9.60	165	216448	38.20	ng	# 47
51) Acenaphthene	9.84	154	885993	40.38	ng	88
52) 3-Nitroaniline	9.77	138	262164	43.46	ng	# 56
53) 2,4-Dinitrophenol	9.87	184	79887	26.78	ng	# 25
54) Dibenzofuran	10.01	168	1148203	40.55	ng	# 82
55) 4-Nitrophenol	9.94	139	173096	47.05	ng	# 57
56) 2,4-Dinitrotoluene	10.01	165	313422	44.52	ng	# 93
57) Fluorene	10.35	166	945368	40.76	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.13	232	244174	39.03	ng	93
59) Diethylphthalate	10.24	149	1093355	42.90	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	495521	43.76	ng	97
61) 4-Nitroaniline	10.38	138	285855	47.84	ng	# 53
62) Azobenzene	10.51	77	1227064	48.96	ng	88
64) 4,6-Dinitro-2-methylphenol	10.41	198	131446	31.20	ng	77
65) n-Nitrosodiphenylamine	10.46	169	812350	41.73	ng	89
66) 4-Bromophenyl-phenylether	10.84	248	278855	40.07	ng	# 84
67) Hexachlorobenzene	10.90	284	293308	35.62	ng	# 79
68) Atrazine	11.00	200	245313	40.74	ng	85
69) Pentachlorophenol	11.09	266	137217	31.06	ng	97
70) Phenanthrene	11.31	178	1280532	39.57	ng	95
71) Anthracene	11.37	178	1514955	44.46	ng	95
72) Carbazole	11.53	167	1360542	45.21	ng	96
73) Di-n-butylphthalate	11.86	149	1657777	42.74	ng	# 97
74) Fluoranthene	12.50	202	1348229	38.05	ng	94
76) Benzidine	12.63	184	318897	28.86	ng	97
77) Pyrene	12.73	202	1426661	44.54	ng	95
79) Butylbenzylphthalate	13.36	149	743243	51.14	ng	96
80) Benzo(a)anthracene	13.92	228	1146706	42.69	ng	96
81) 3,3'-Dichlorobenzidine	13.88	252	400720	38.43	ng	# 96
82) Chrysene	13.92	228	1146706	42.21	ng	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	912179	48.20	ng	# 95
84) Di-n-octyl phthalate	14.53	149	1464496	46.08	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.69	276	1096333	45.54	ng	# 95
87) Benzo(b)fluoranthene	14.97	252	2000046	76.12	ng	# 88
88) Benzo(k)fluoranthene	14.97	252	2001307	96.38	ng	# 88
89) Benzo(a)pyrene	15.28	252	910906	40.35	ng	# 90
90) Dibenzo(a,h)anthracene	16.71	278	969042	50.70	ng	# 85
91) Benzo(g,h,i)perylene	17.11	276	902243	50.12	ng	# 79

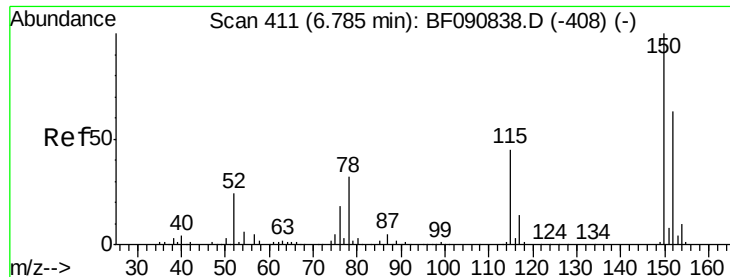
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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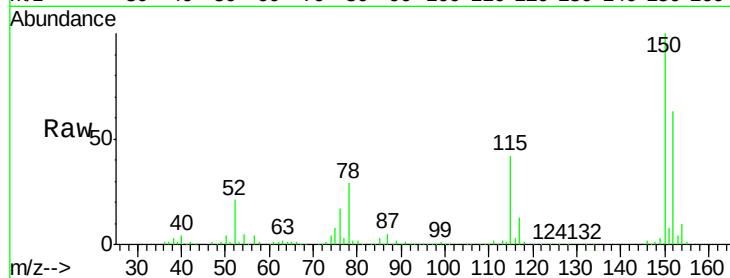


#1

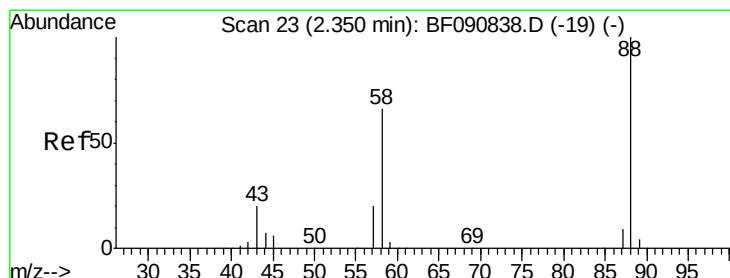
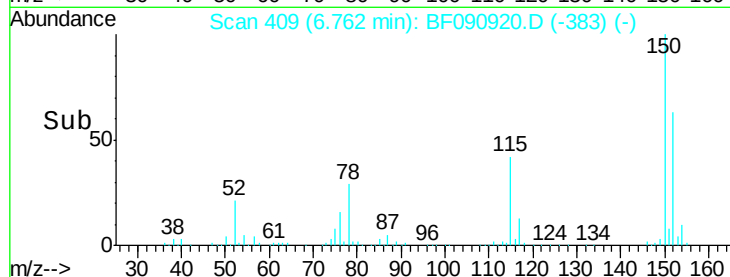
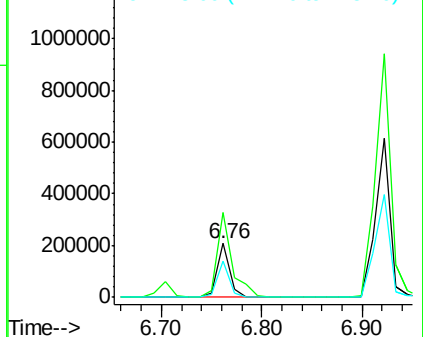
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 181566
Ion Ratio Lower Upper
152 100
150 158.0 124.7 187.1
115 66.9 39.0 58.4#



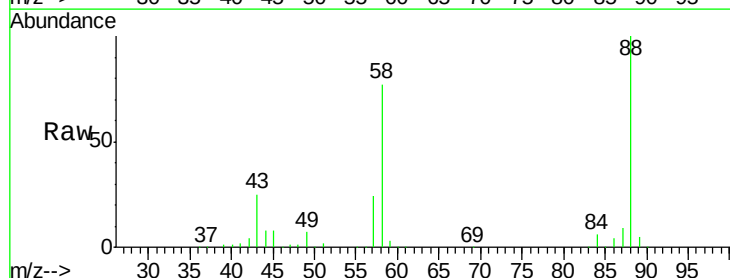
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



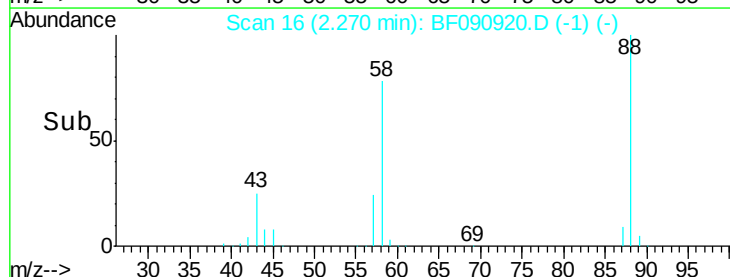
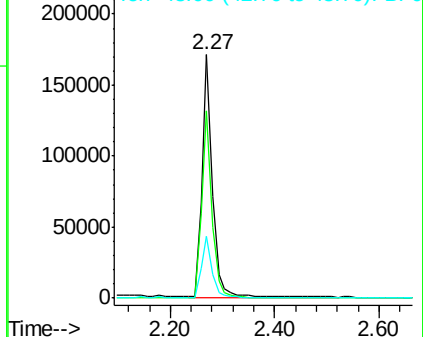
#2

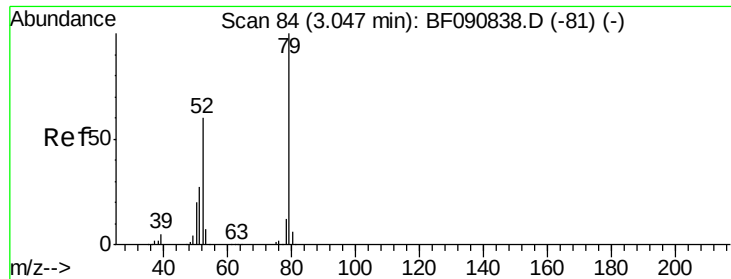
1,4-Dioxane
Concen: 44.18 ng
RT: 2.27 min Scan# 16
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion: 88 Resp: 234555
Ion Ratio Lower Upper
88 100
58 77.7 77.7 116.5
43 25.2 26.6 40.0#



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: 44.08 ng

RT: 2.97 min Scan# 77

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

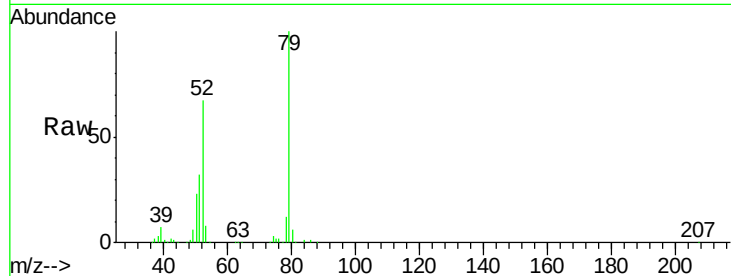
Tgt Ion: 79 Resp: 634852

Ion Ratio Lower Upper

79 100

52 67.4 76.8 115.2#

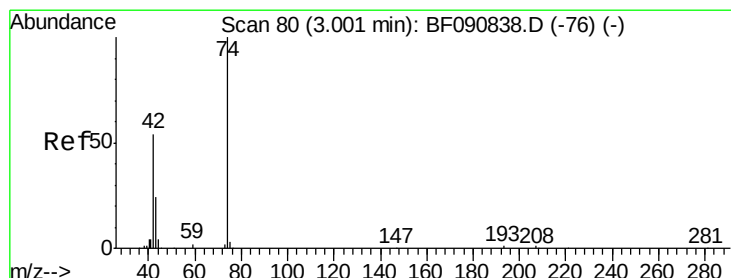
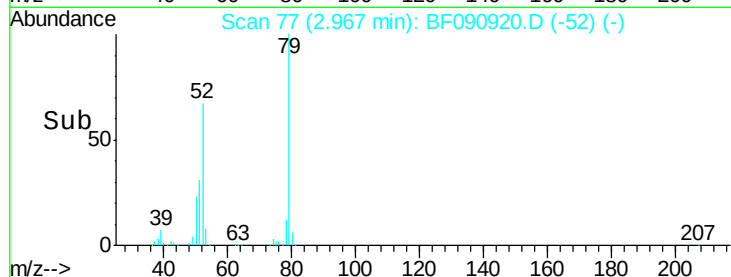
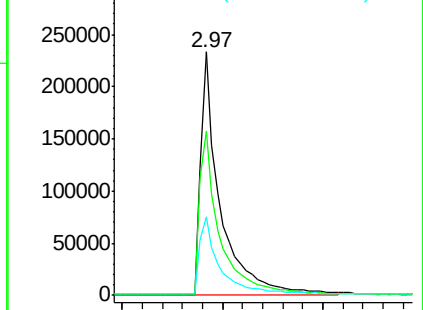
51 32.2 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 53.43 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

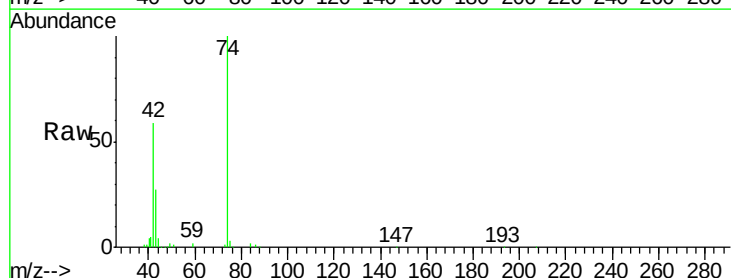
Tgt Ion: 42 Resp: 216656

Ion Ratio Lower Upper

42 100

74 168.1 105.0 157.6#

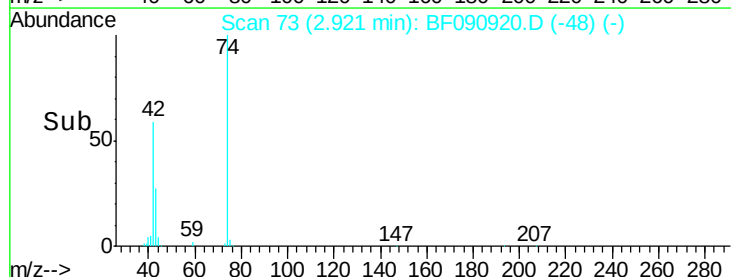
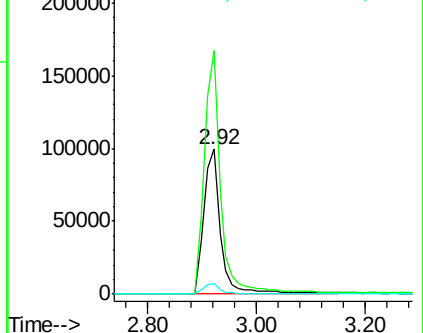
44 7.3 6.6 10.0

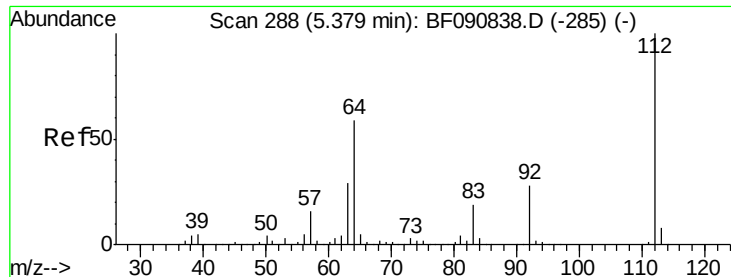


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 92.58 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

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SSTDCCC040EC

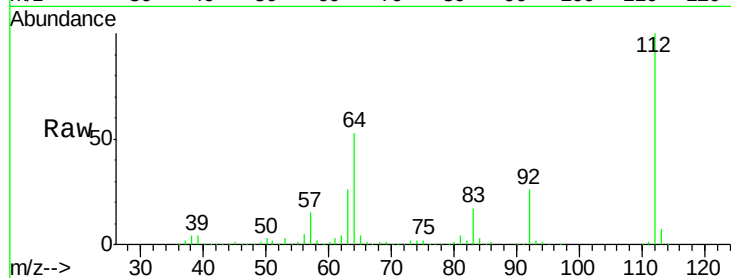
Tgt Ion: 112 Resp: 961365

Ion Ratio Lower Upper

112 100

64 53.4 39.7 59.5

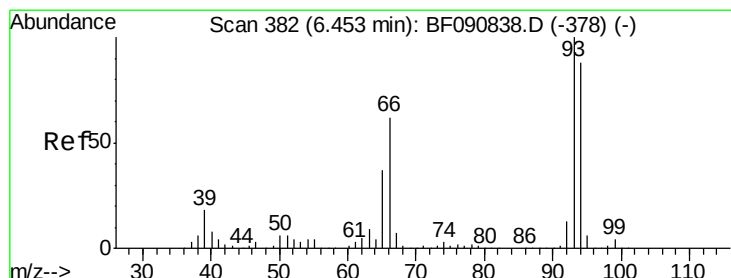
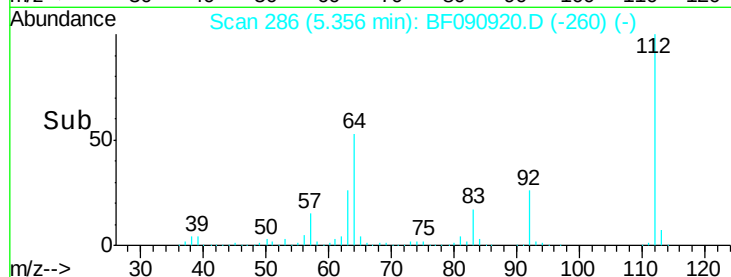
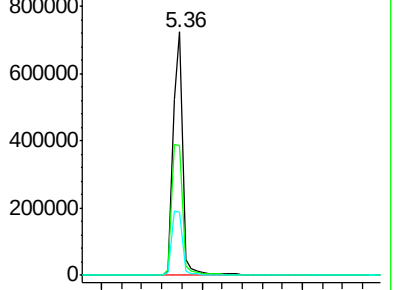
63 26.2 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 45.21 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

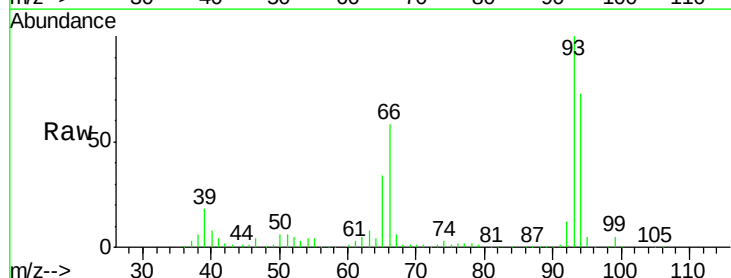
Tgt Ion: 93 Resp: 723533

Ion Ratio Lower Upper

93 100

66 57.7 27.2 40.8#

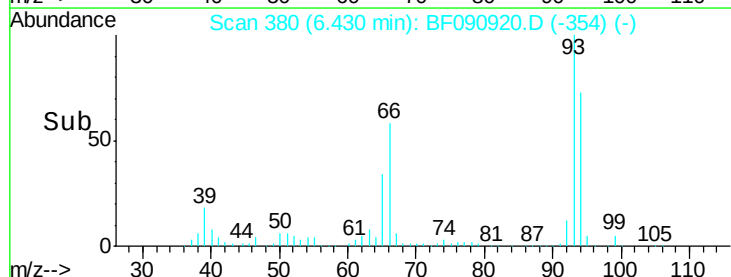
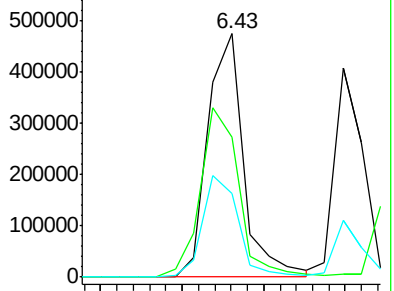
65 34.3 14.7 22.1#

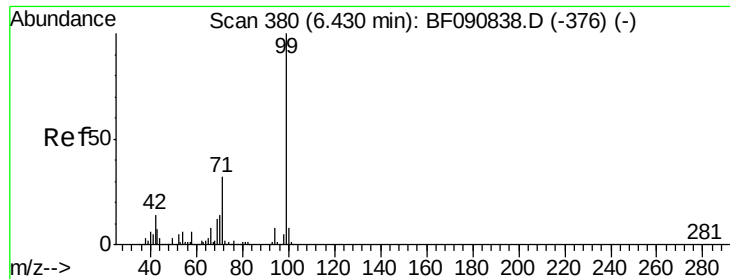


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.92 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

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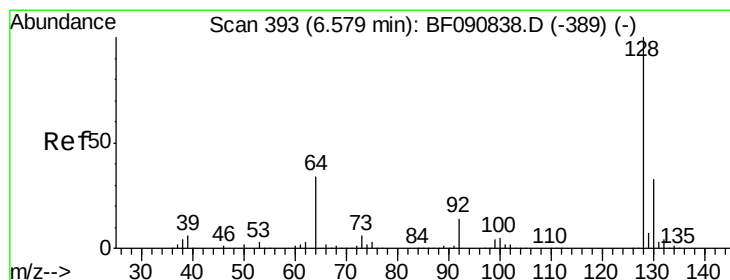
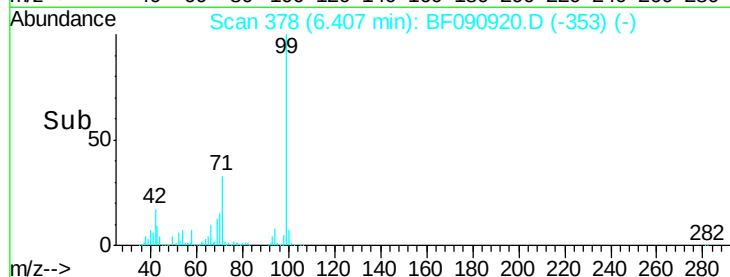
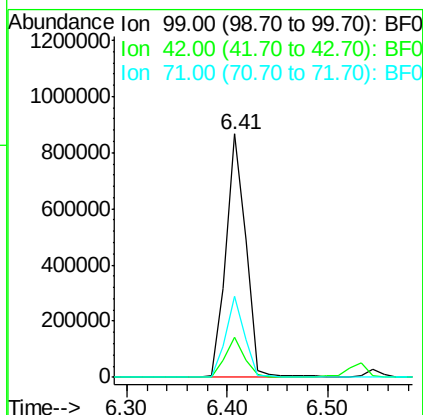
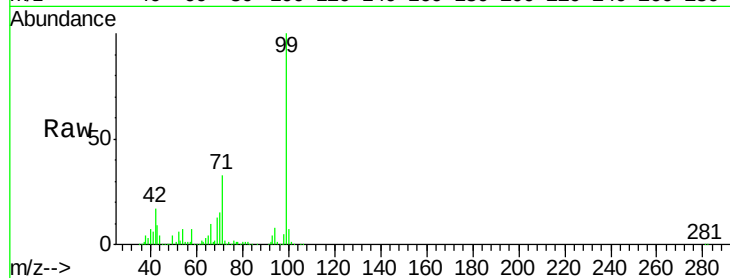
Tgt Ion: 99 Resp: 1189738

Ion Ratio Lower Upper

99 100

42 16.5 13.7 20.5

71 33.4 14.2 21.2#



#8

2-Chlorophenol

Concen: 39.92 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

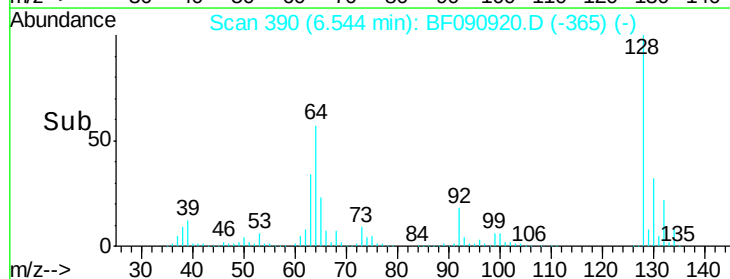
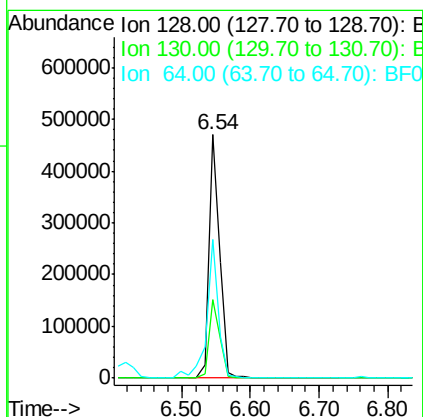
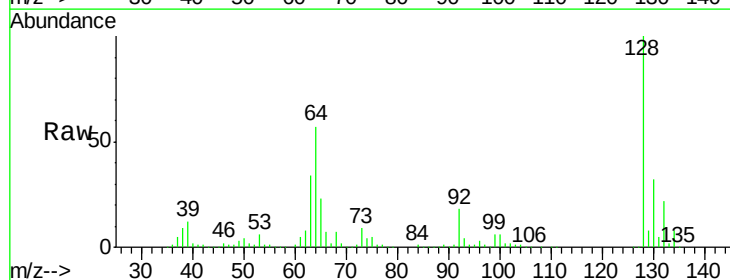
Tgt Ion: 128 Resp: 511351

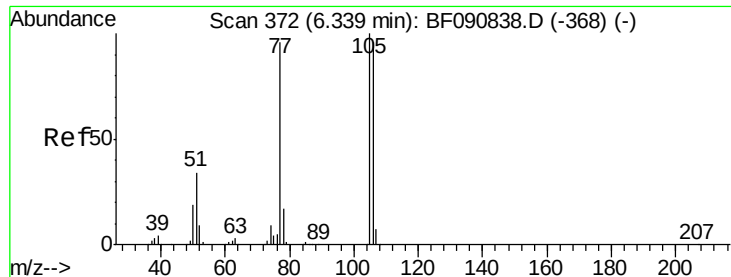
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 57.1 20.5 60.5





#9

Benzaldehyde

Concen: 45.81 ng

RT: 6.30 min Scan# 369

Delta R.T. 0.00 min

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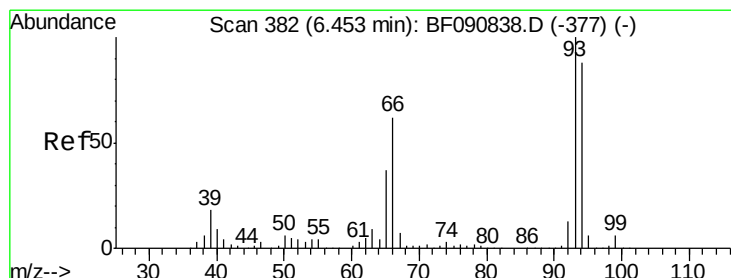
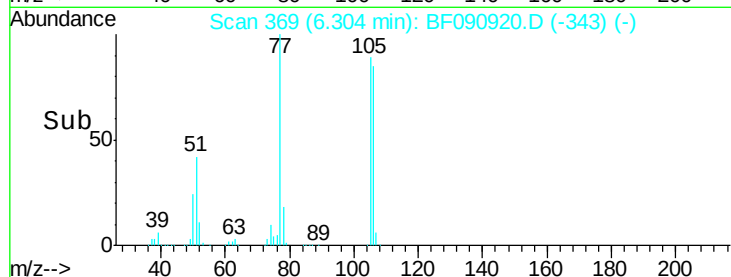
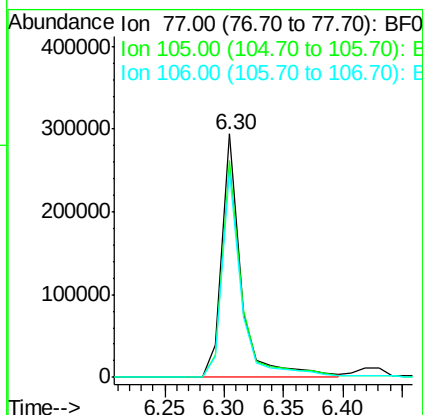
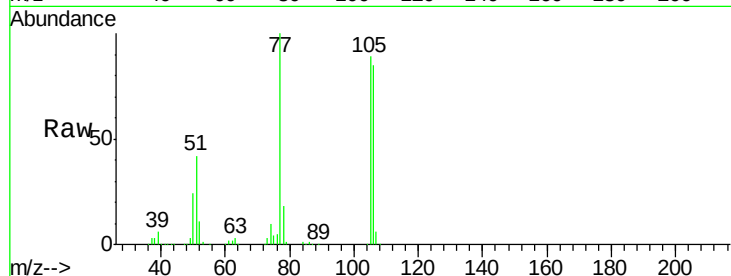
Tgt Ion: 77 Resp: 331509

Ion Ratio Lower Upper

77 100

105 88.9 91.6 131.6#

106 84.6 102.6 142.6#



#10

Phenol

Concen: 39.25 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

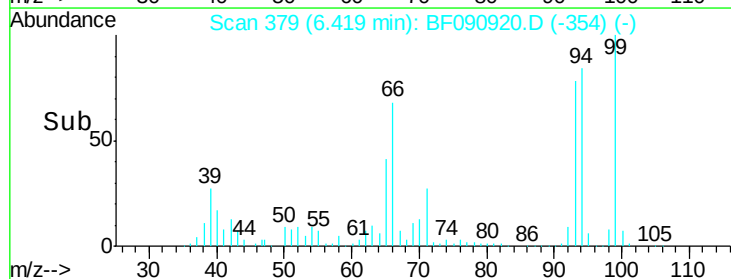
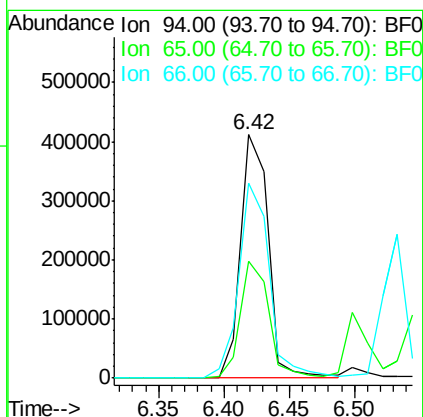
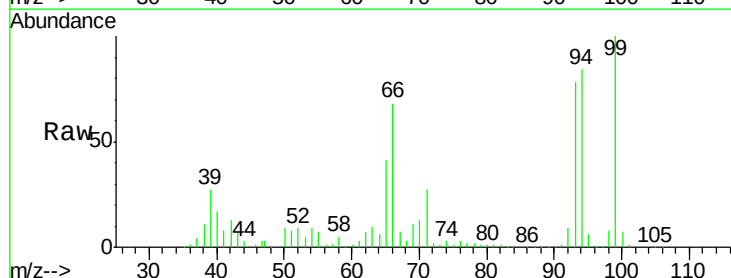
Tgt Ion: 94 Resp: 606054

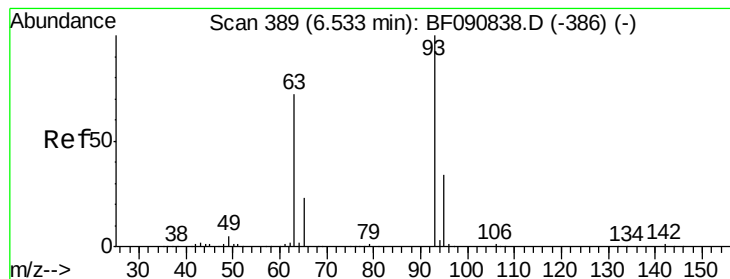
Ion Ratio Lower Upper

94 100

65 48.2 0.7 40.7#

66 80.2 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 41.20 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

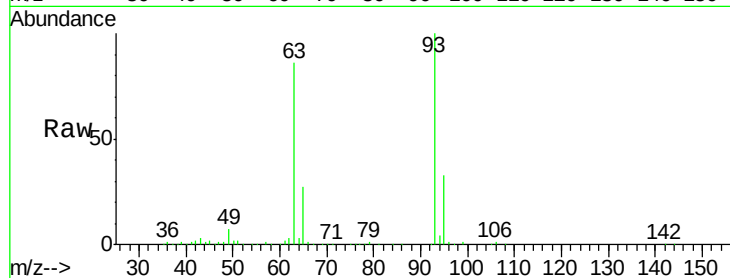
Tgt Ion: 93 Resp: 526254

Ion Ratio Lower Upper

93 100

63 86.2 65.6 105.6

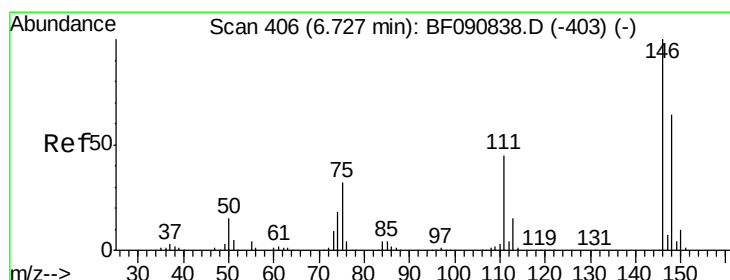
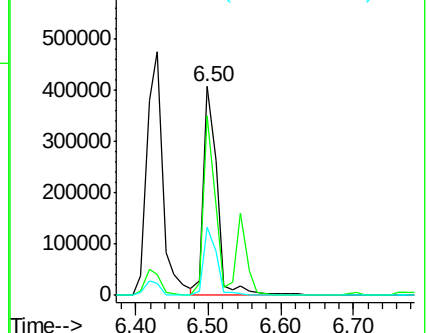
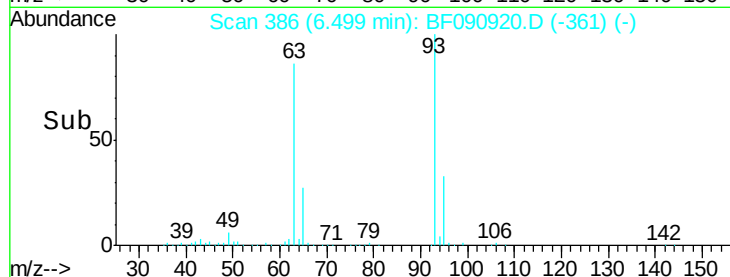
95 32.6 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.30 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

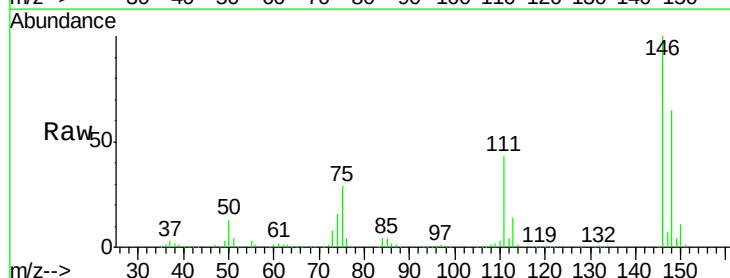
Tgt Ion: 146 Resp: 554217

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.4

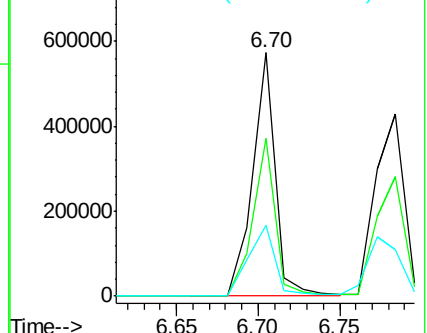
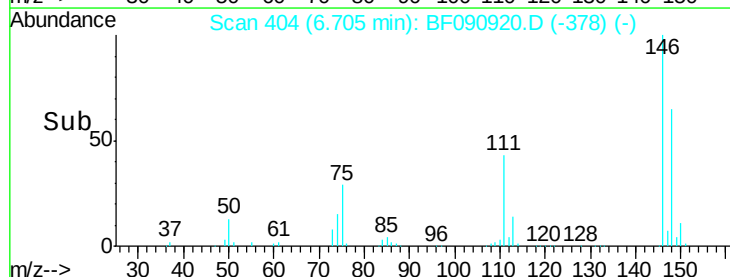
75 28.9 15.0 22.6#

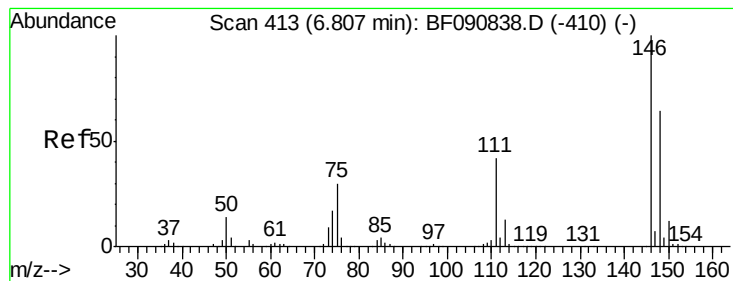


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.07 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

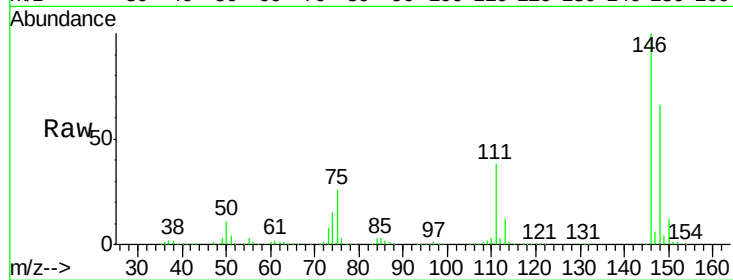
Tgt Ion:146 Resp: 552175

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.6

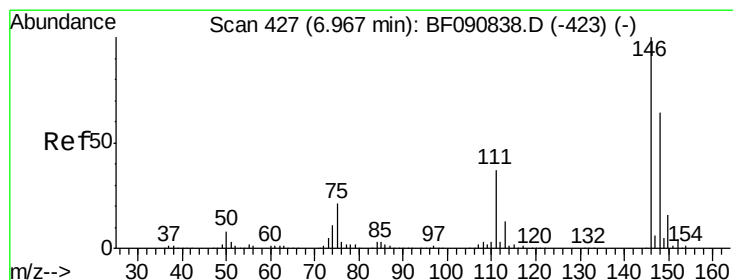
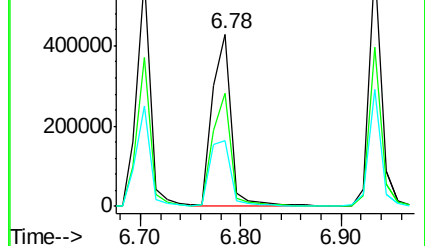
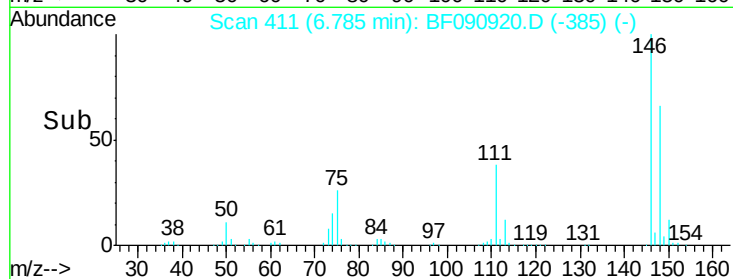
111 38.0 24.9 37.3#



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: 42.13 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.15 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

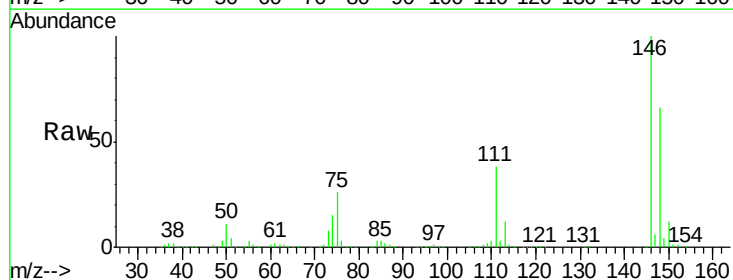
Tgt Ion:146 Resp: 556468

Ion Ratio Lower Upper

146 100

148 65.7 52.7 79.1

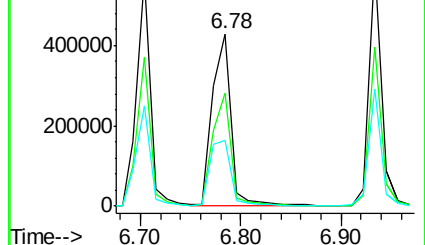
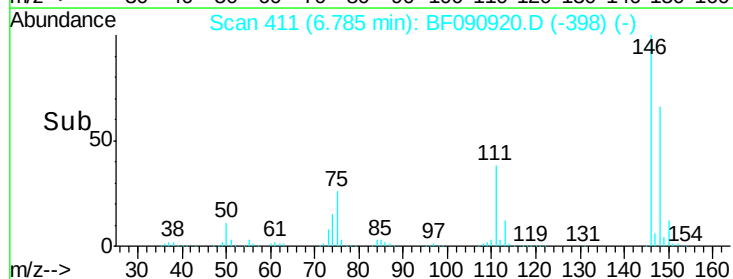
111 38.0 28.8 43.2

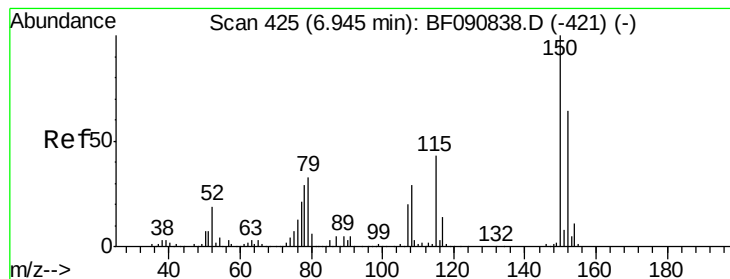


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.78 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

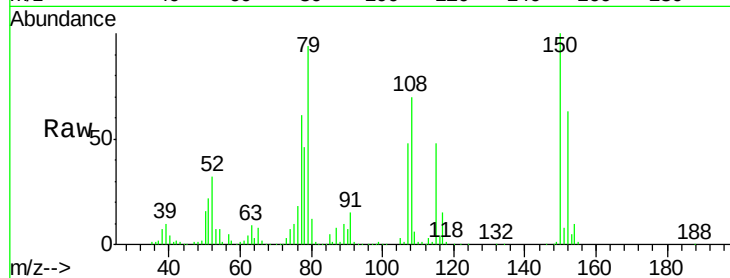
Tgt Ion: 79 Resp: 412055

Ion Ratio Lower Upper

79 100

108 74.8 88.6 132.8#

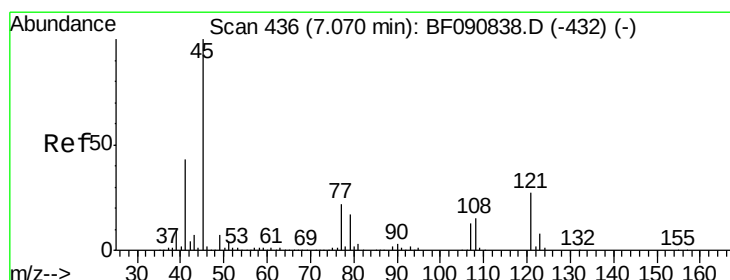
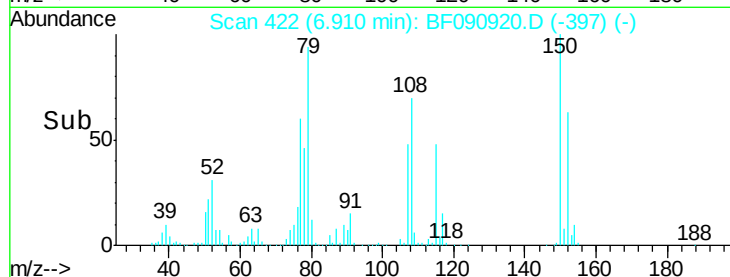
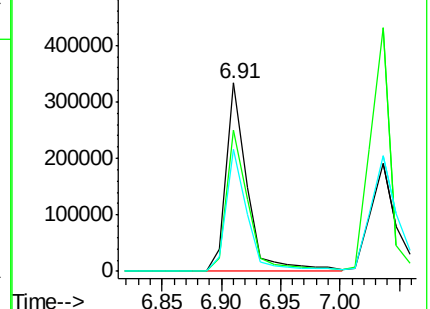
77 64.6 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.00 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

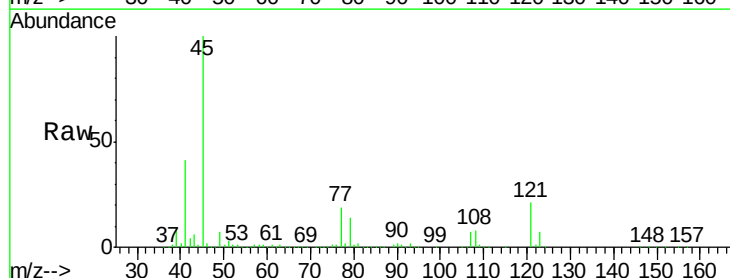
Tgt Ion: 45 Resp: 699176

Ion Ratio Lower Upper

45 100

77 18.7 0.0 28.1

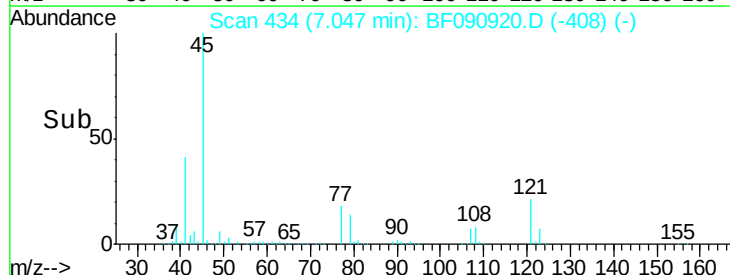
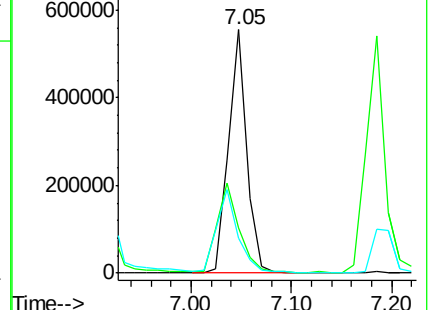
79 14.5 0.0 26.0

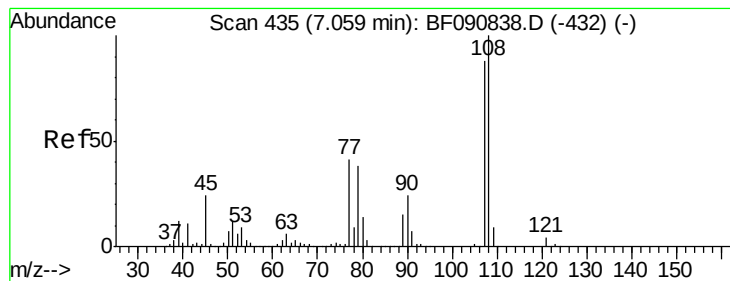


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

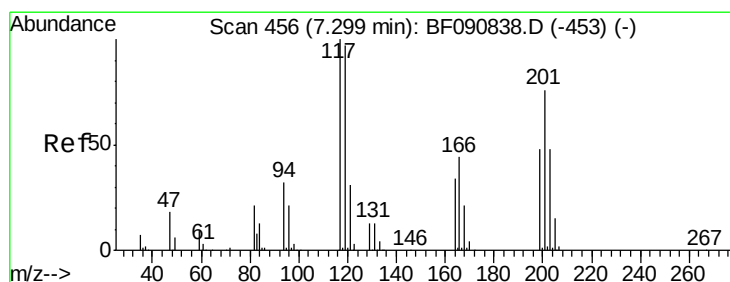
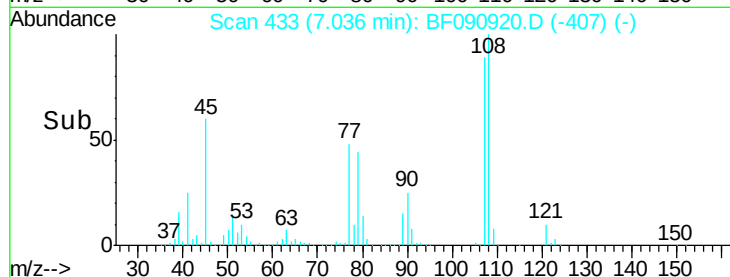
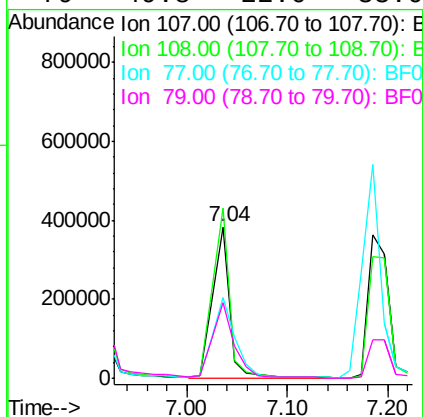
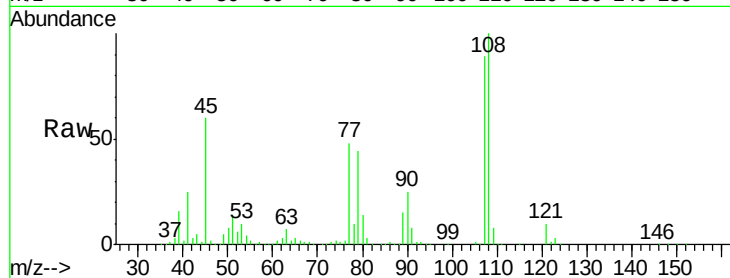




#17
2-Methylphenol
Concen: 45.81 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

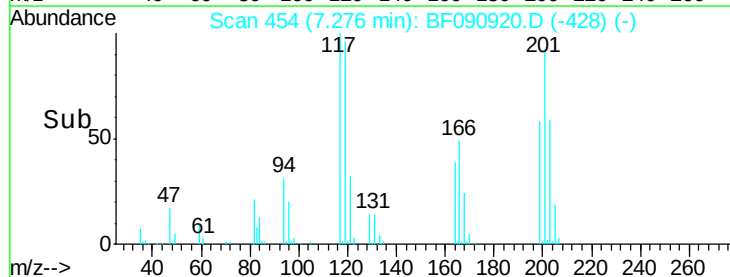
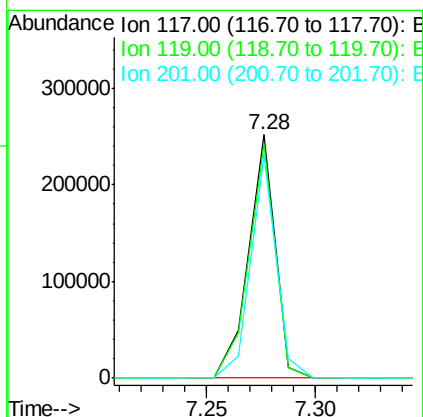
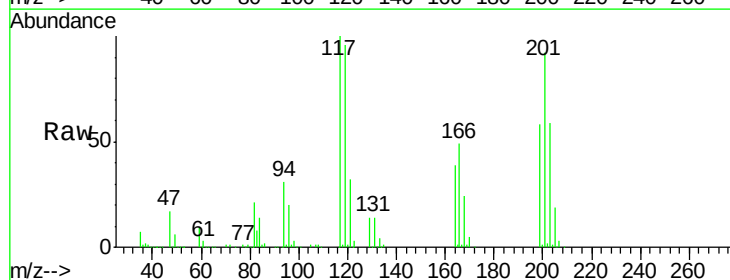
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

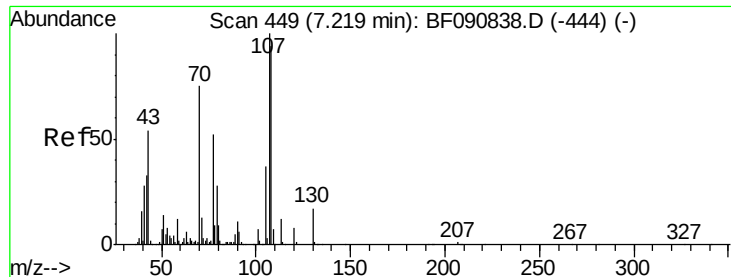
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.5	96.6	145.0
77	53.6	23.3	34.9#
79	49.8	22.0	33.0#



#18
Hexachloroethane
Concen: 42.70 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	83.8	125.6
201	91.5	55.1	82.7#

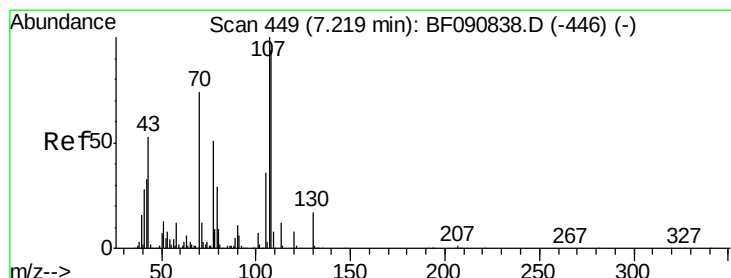
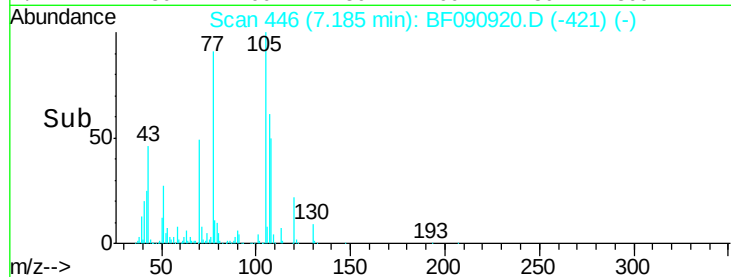
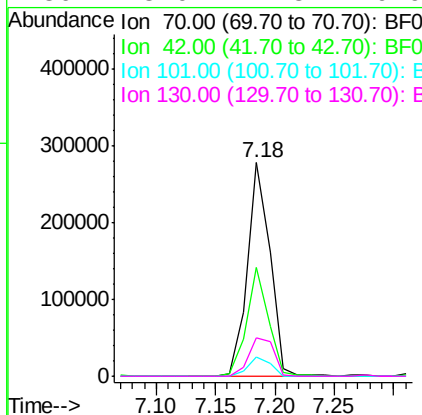
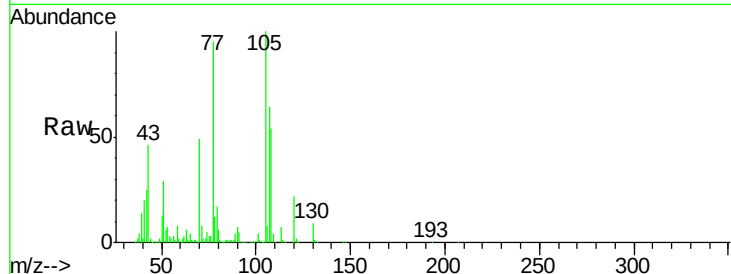




#19
n-Nitroso-di-n-propylamine
Concen: 45.83 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

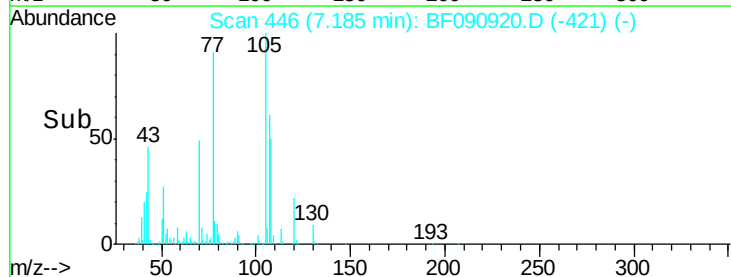
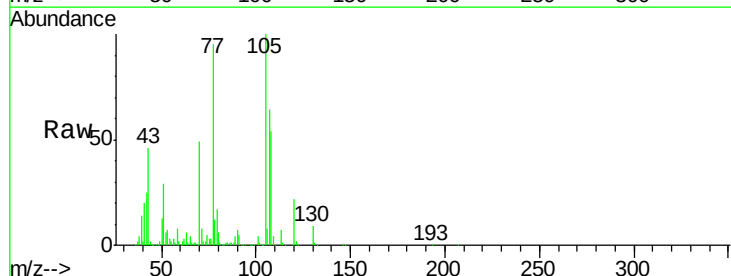
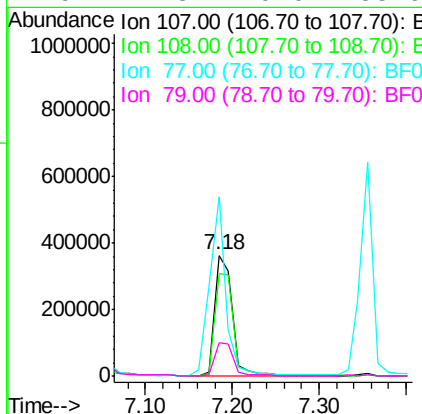
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

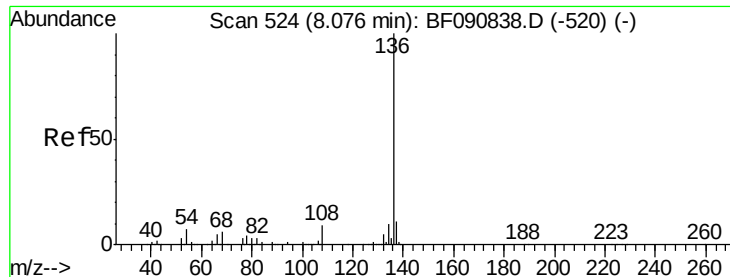
Tgt Ion: 70 Resp: 371261
Ion Ratio Lower Upper
70 100
42 51.1 63.8 95.6#
101 9.0 9.2 13.8#
130 18.0 27.3 40.9#



#20
3+4-Methylphenols
Concen: 45.34 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion: 107 Resp: 511550
Ion Ratio Lower Upper
107 100
108 85.1 74.6 114.6
77 149.2 0.7 40.7#
79 27.3 0.0 38.9

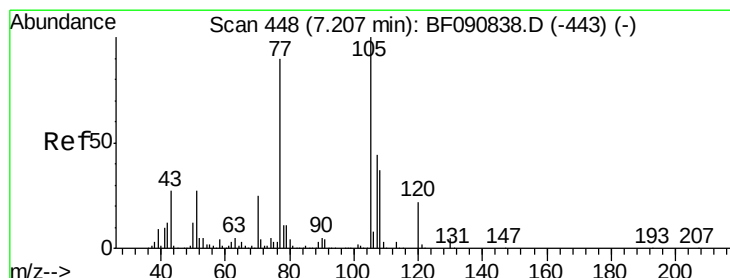
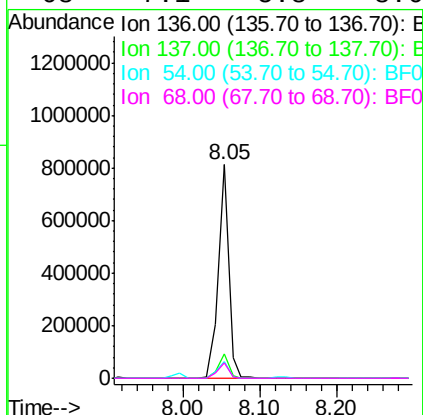
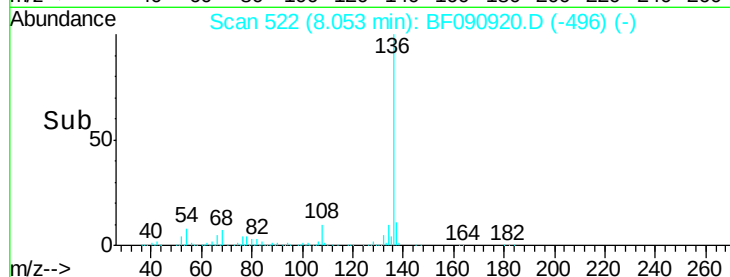
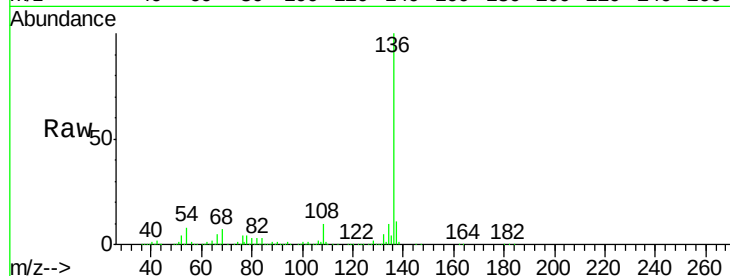




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

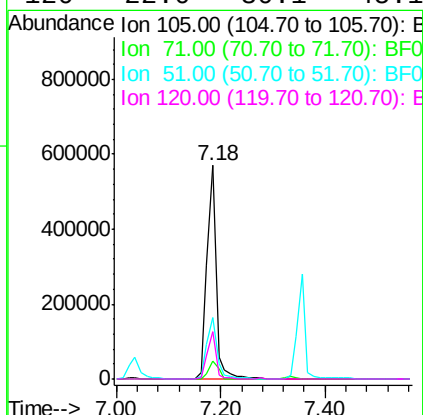
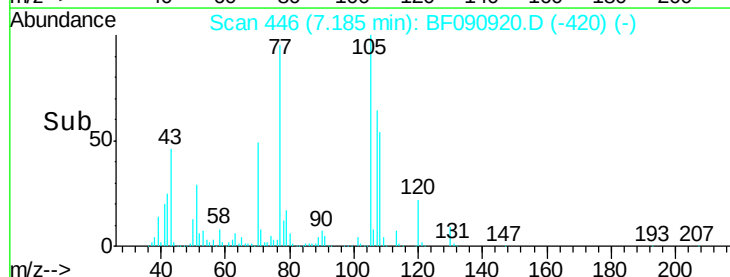
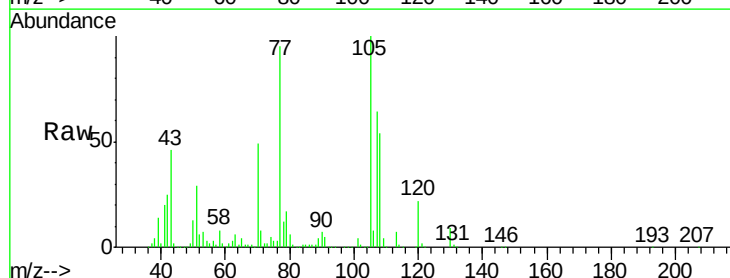
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

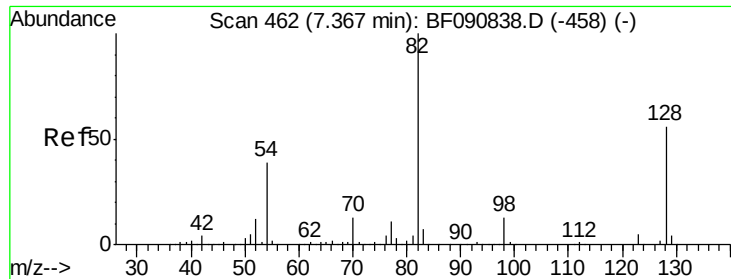
Tgt Ion:	136	Resp:	768455
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	7.9	8.2	12.2#
68	7.1	5.8	8.6



#22
Acetophenone
Concen: 44.52 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:	105	Resp:	703787
Ion Ratio	Lower	Upper	
105	100		
71	8.5	4.7	7.1#
51	28.8	22.0	33.0
120	22.0	30.1	45.1#





#23

Nitrobenzene-d5

Concen: 90.41 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

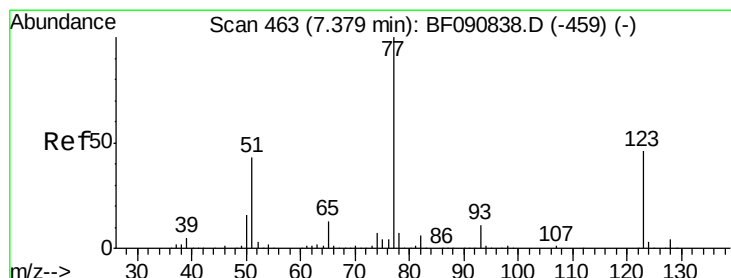
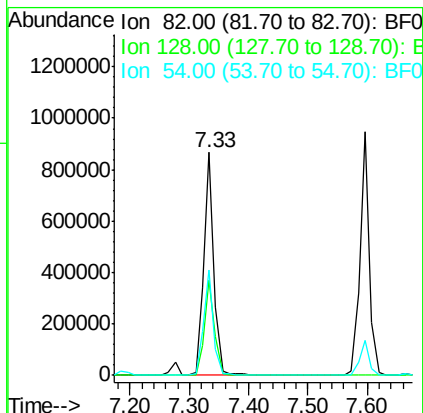
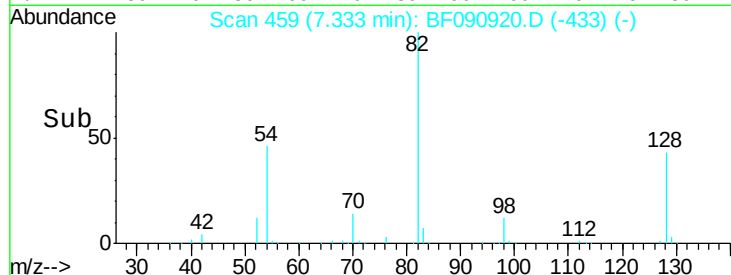
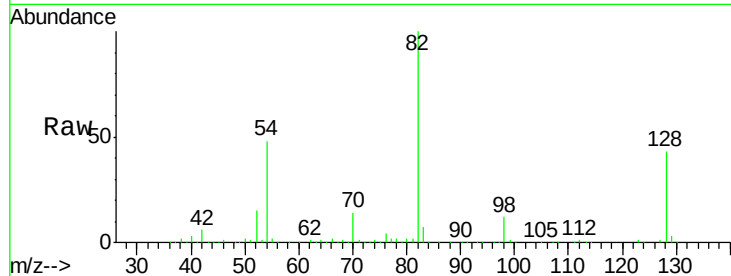
Tgt Ion: 82 Resp: 1061265

Ion Ratio Lower Upper

82 100

128 42.9 51.0 76.6#

54 47.5 47.5 71.3#



#24

Nitrobenzene

Concen: 52.96 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

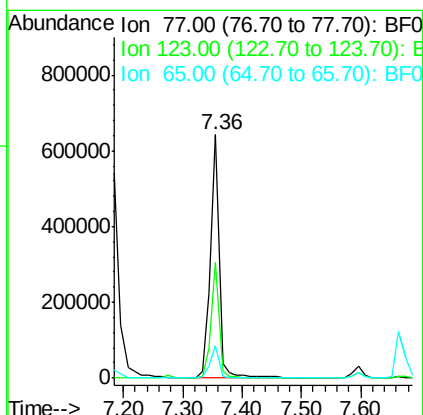
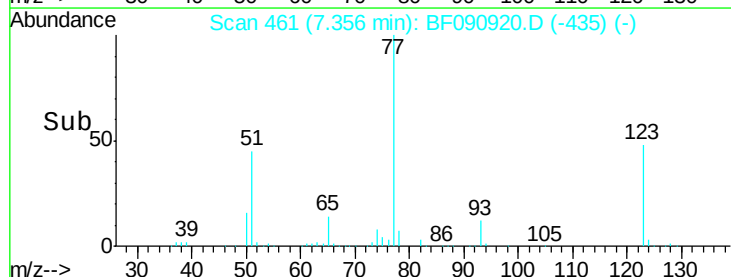
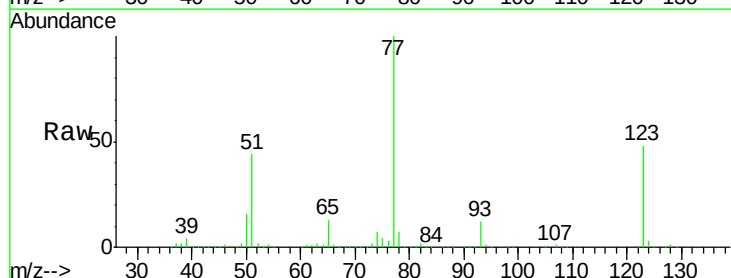
Tgt Ion: 77 Resp: 657525

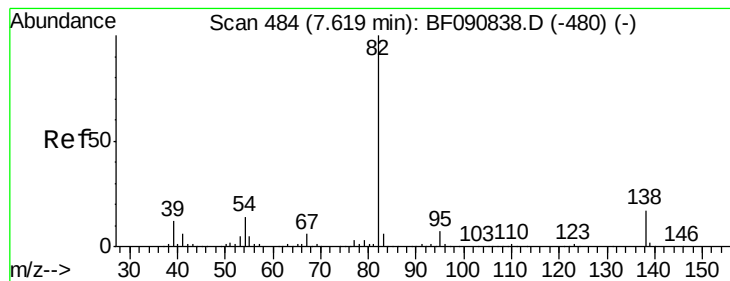
Ion Ratio Lower Upper

77 100

123 47.5 59.8 89.8#

65 13.1 10.2 15.4





#25

Isophorone

Concen: 43.26 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

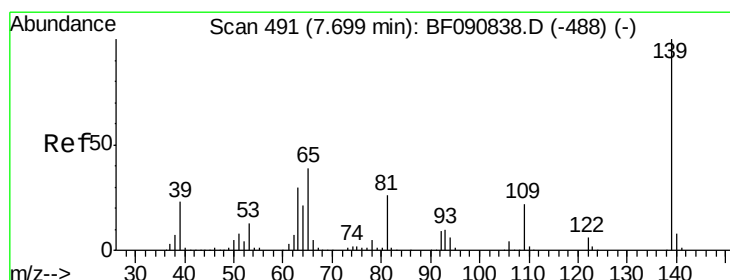
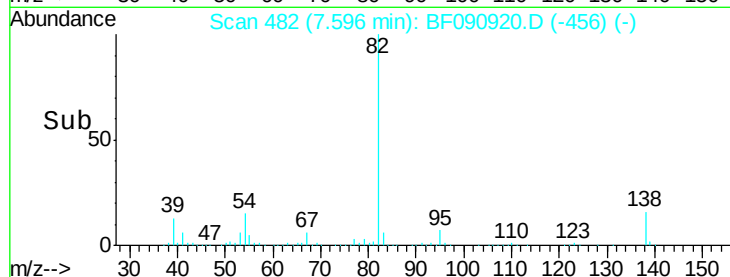
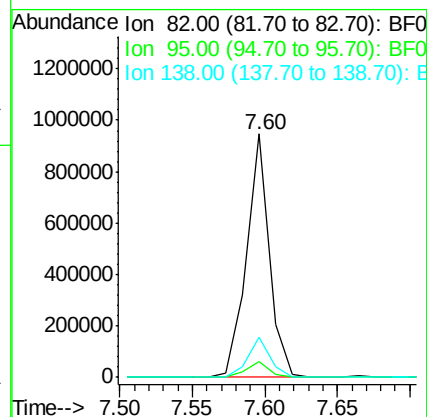
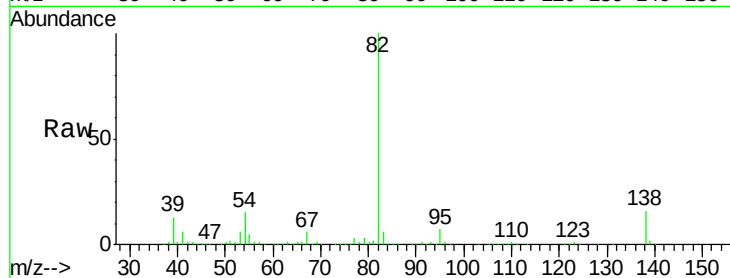
Tgt Ion: 82 Resp: 1030468

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 16.2 18.3 27.5#



#26

2-Nitrophenol

Concen: 39.76 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

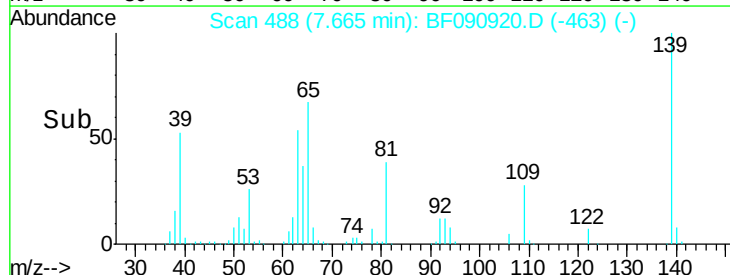
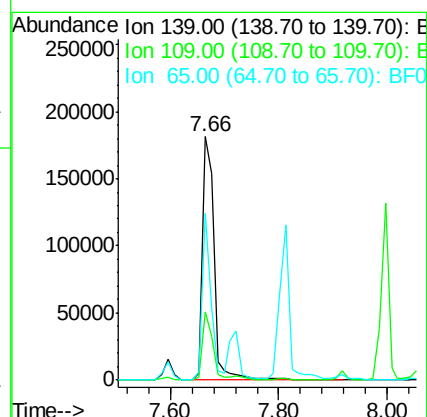
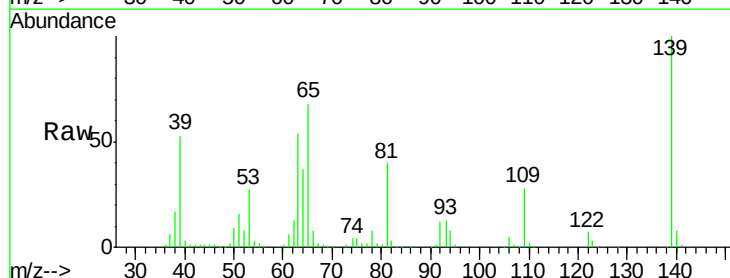
Tgt Ion: 139 Resp: 264467

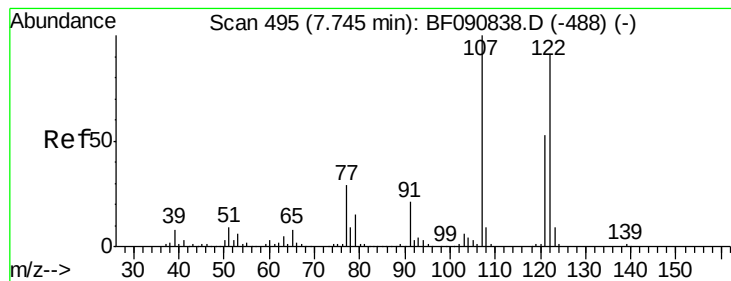
Ion Ratio Lower Upper

139 100

109 28.1 11.0 16.4#

65 68.3 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 42.22 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

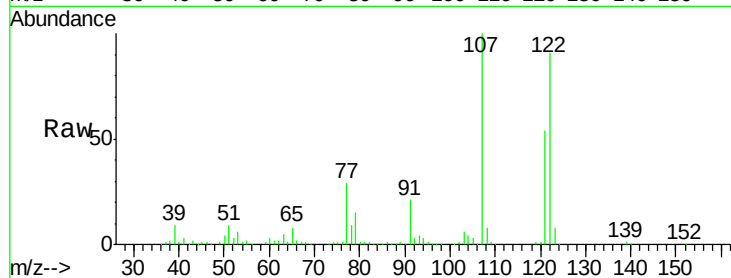
Tgt Ion:122 Resp: 454708

Ion Ratio Lower Upper

122 100

107 109.4 71.8 107.6#

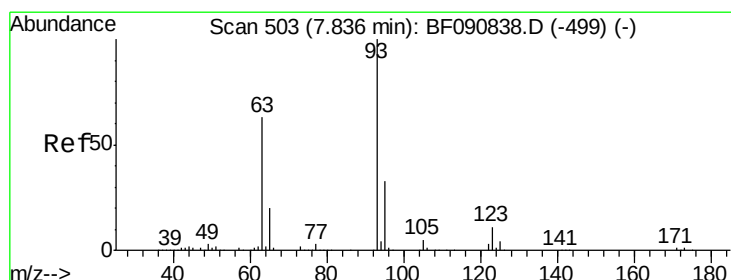
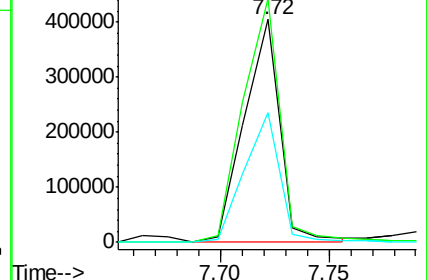
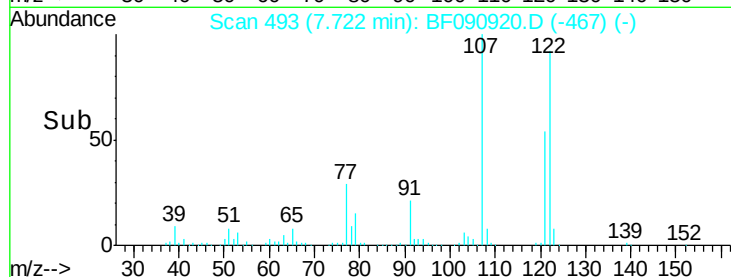
121 58.6 42.3 63.5



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: 45.56 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

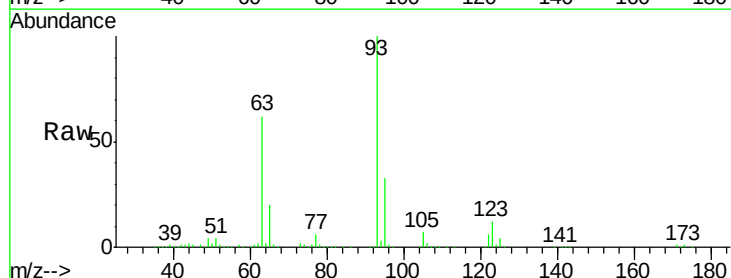
Tgt Ion: 93 Resp: 617195

Ion Ratio Lower Upper

93 100

95 33.2 27.5 41.3

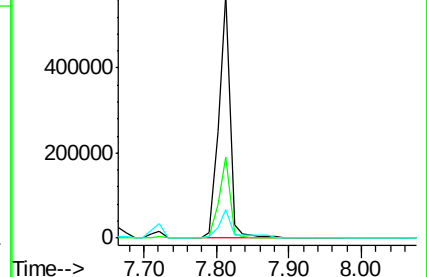
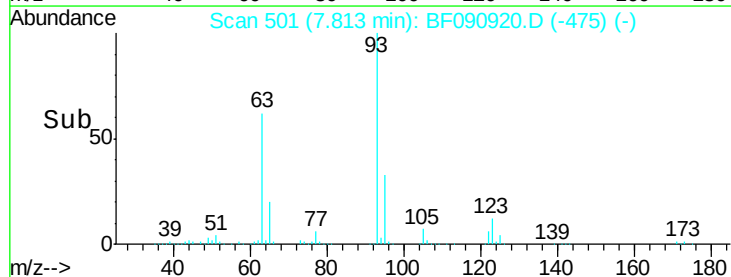
123 11.9 13.7 20.5#

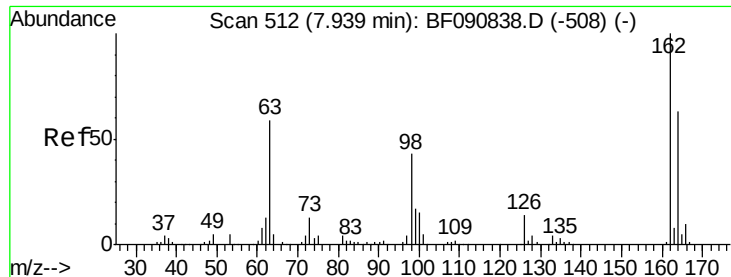


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

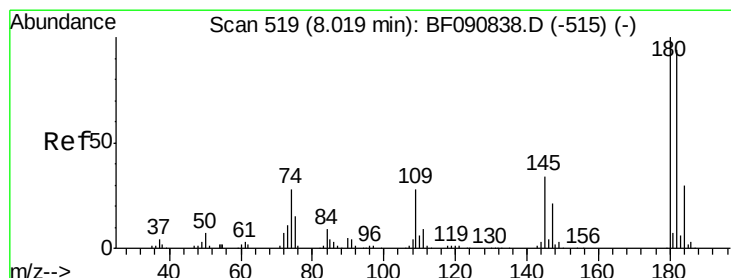
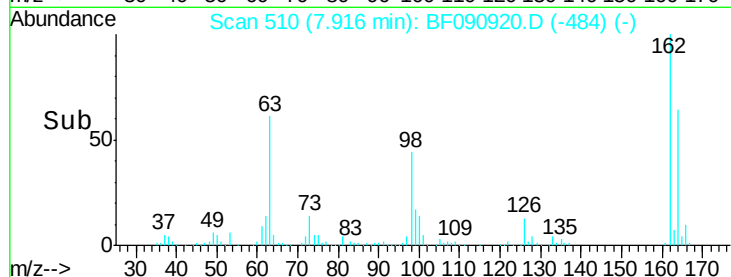
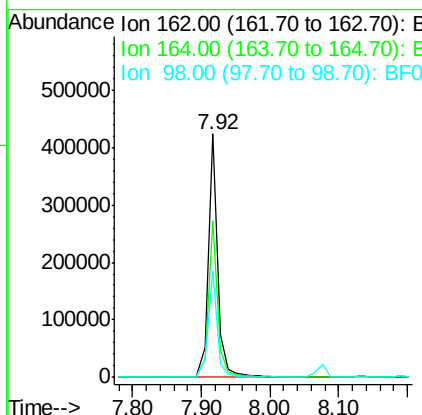
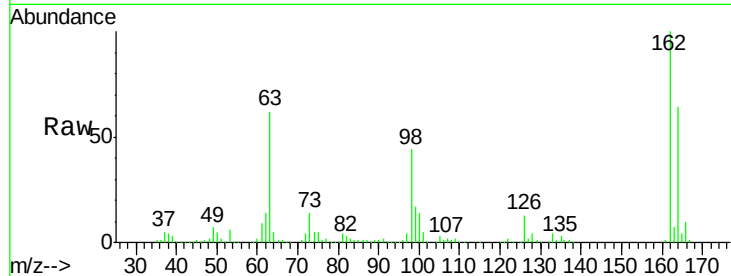




#29
 2,4-Dichlorophenol
 Concen: 40.29 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

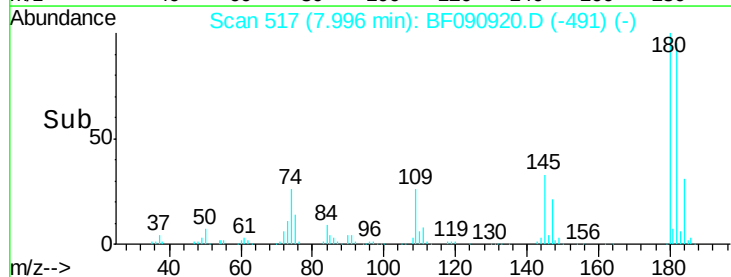
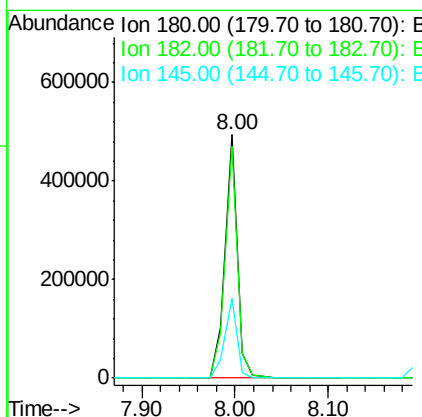
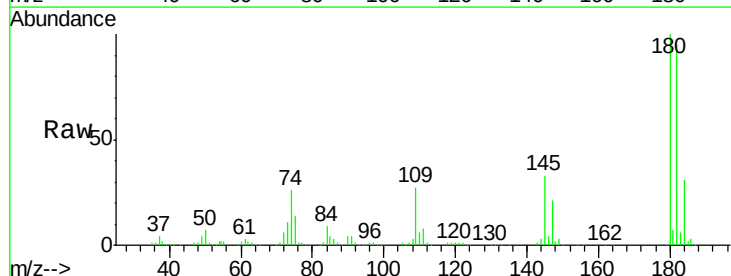
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

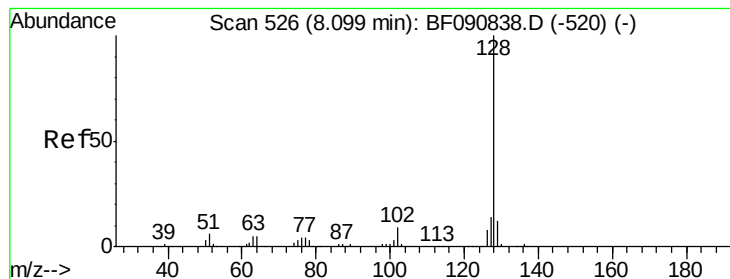
Tgt Ion:	162	Resp:	401719
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.9	84.9
98	43.6	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:	180	Resp:	452609
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.1	115.7
145	32.8	23.3	34.9





#31

Naphthalene

Concen: 43.14 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

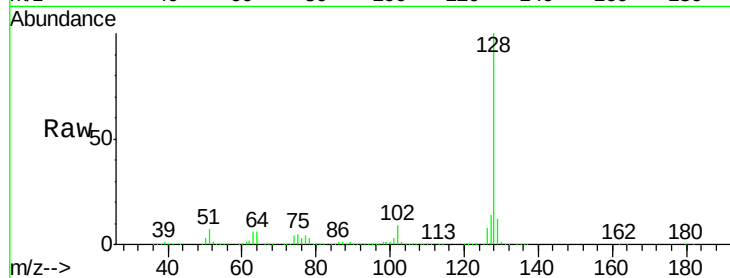
Tgt Ion:128 Resp: 1549696

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

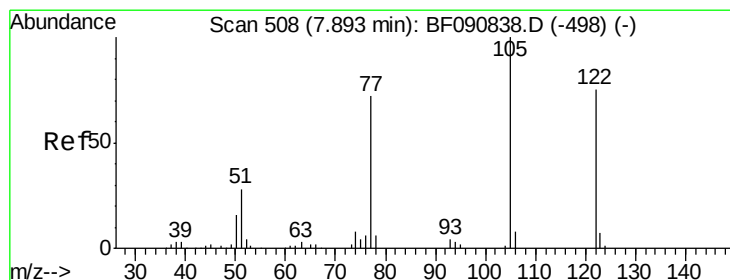
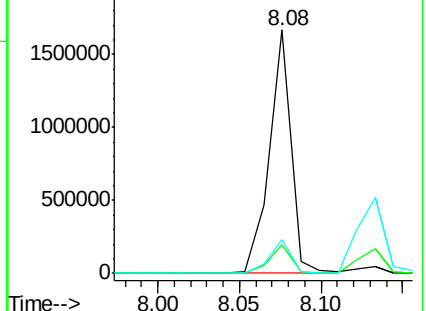
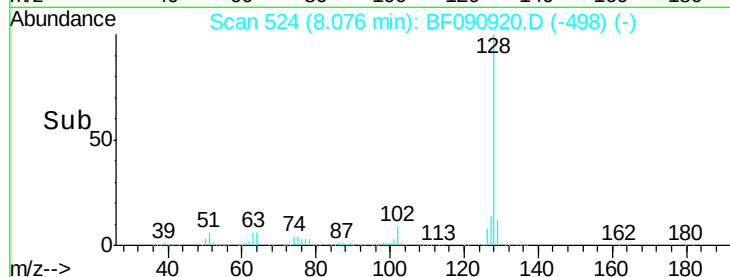
127 13.8 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.06 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

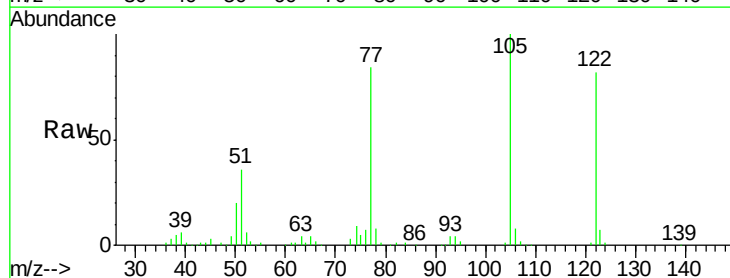
Tgt Ion:122 Resp: 328865

Ion Ratio Lower Upper

122 100

105 121.8 76.1 116.1#

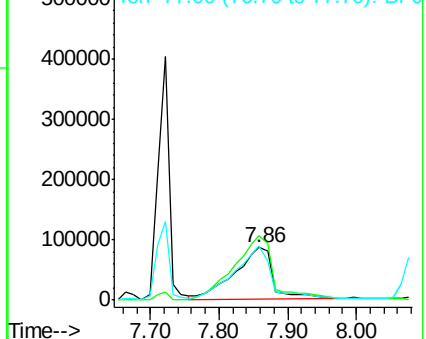
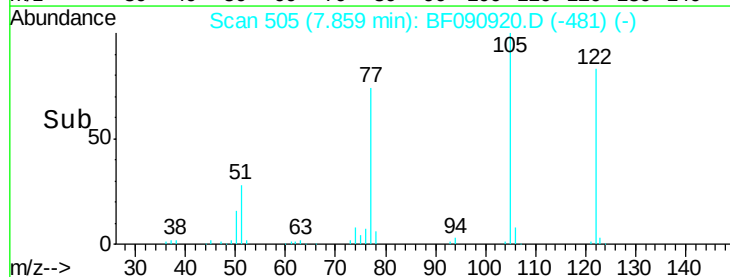
77 102.7 40.5 80.5#

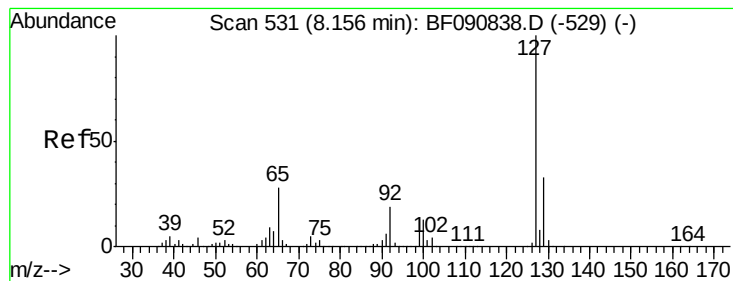


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 44.26 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

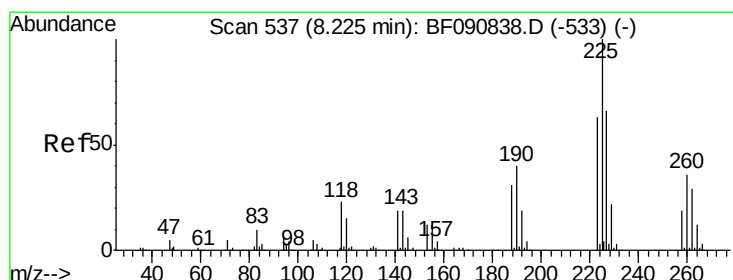
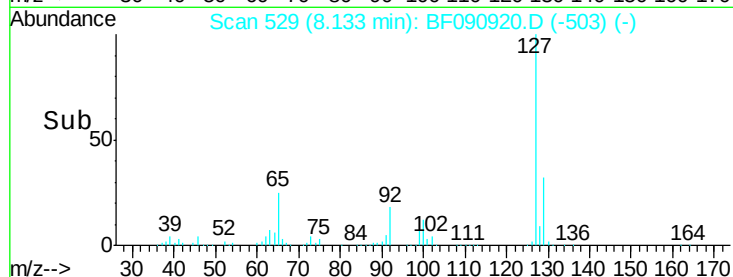
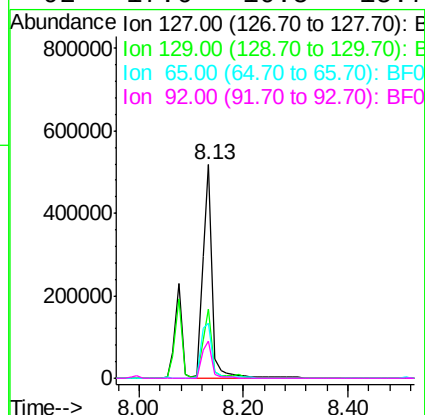
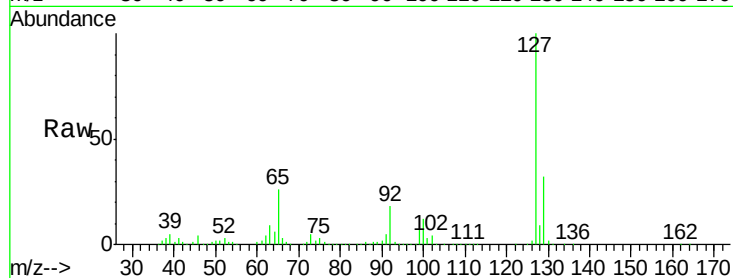
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	127	Resp:	642422
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	25.5	17.9	26.9
92	17.6	10.5	15.7#



#34

Hexachlorobutadiene

Concen: 34.26 ng

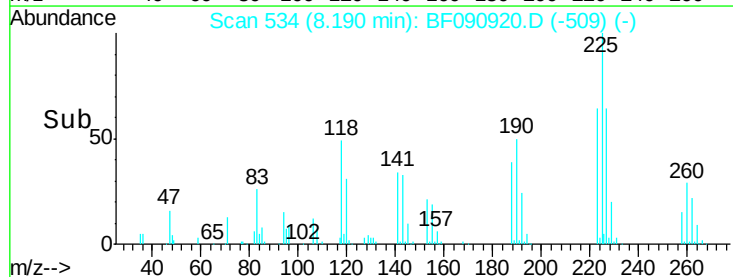
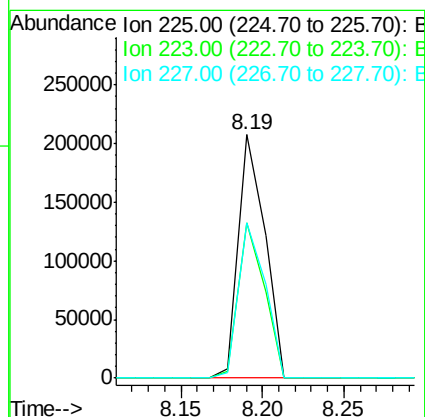
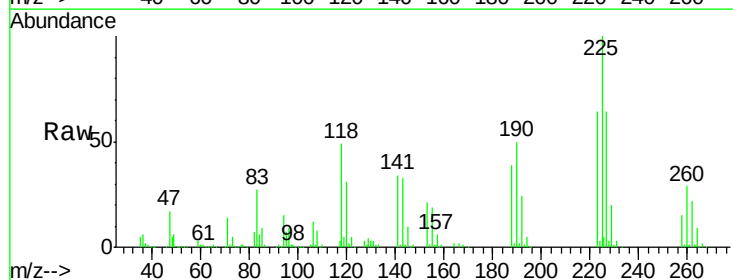
RT: 8.19 min Scan# 534

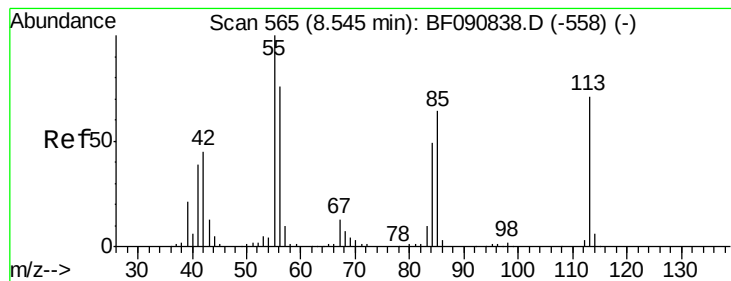
Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:	225	Resp:	232156
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.2	75.2
227	63.7	52.2	78.2





#35

Caprolactam

Concen: 39.05 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

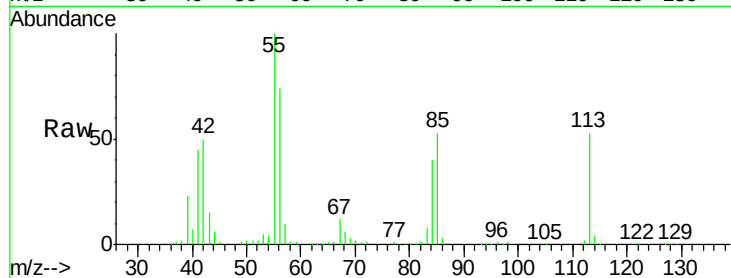
Tgt Ion:113 Resp: 120860

Ion Ratio Lower Upper

113 100

55 188.6 152.4 192.4

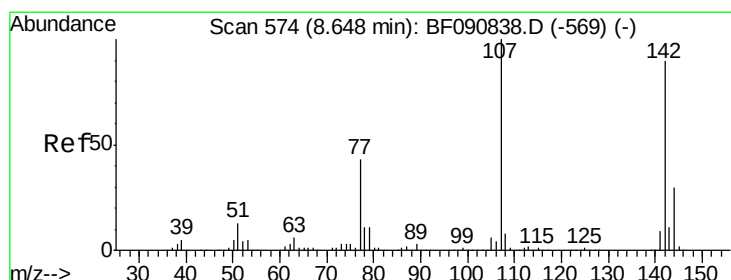
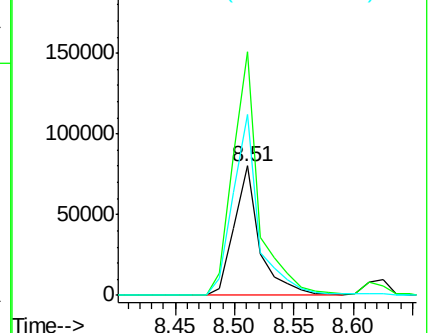
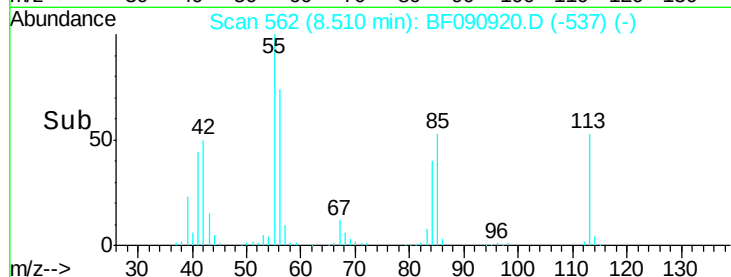
56 139.7 104.6 144.6



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: 41.76 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

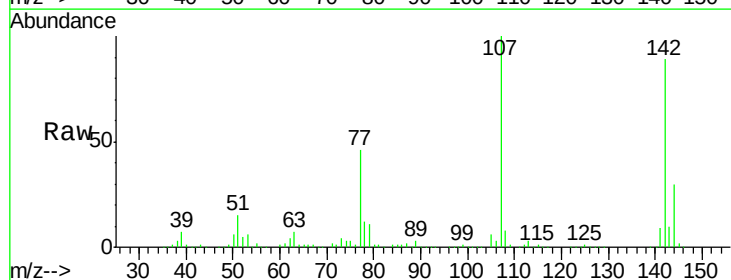
Tgt Ion:107 Resp: 452881

Ion Ratio Lower Upper

107 100

144 30.0 25.4 38.0

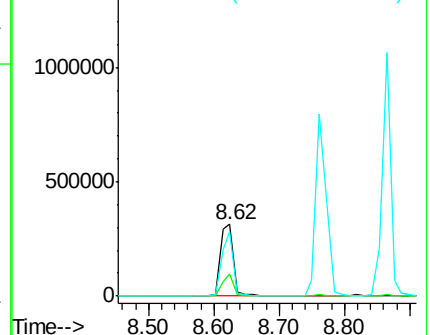
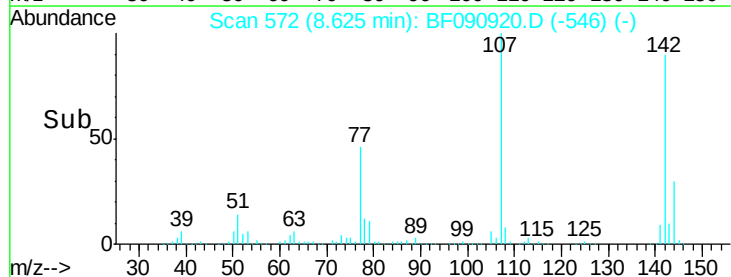
142 89.4 77.3 115.9

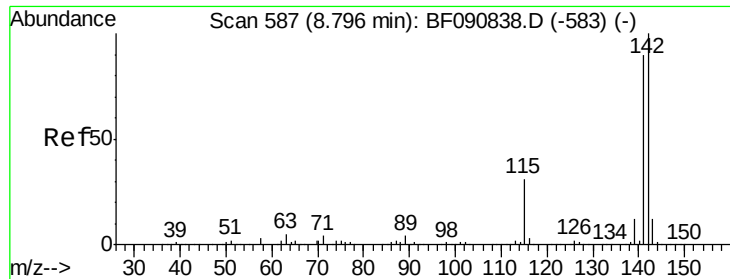


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

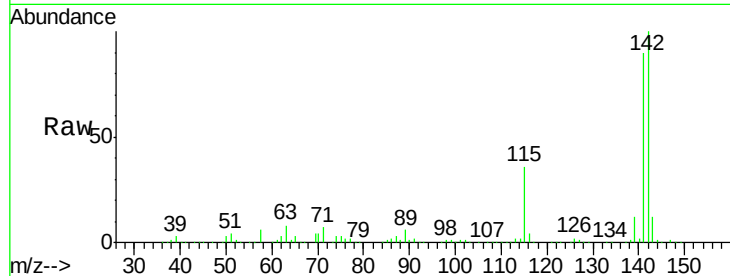




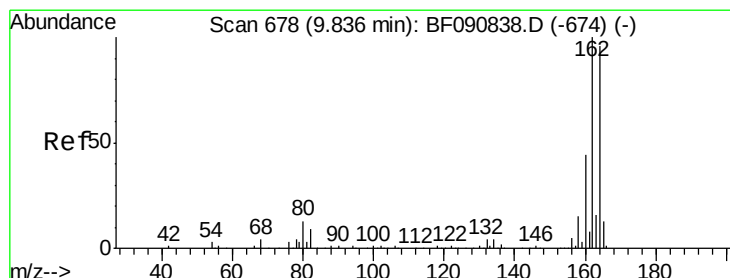
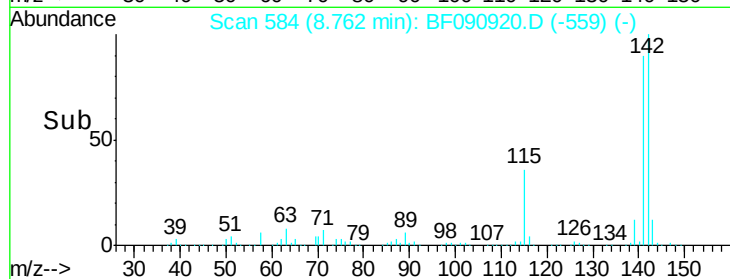
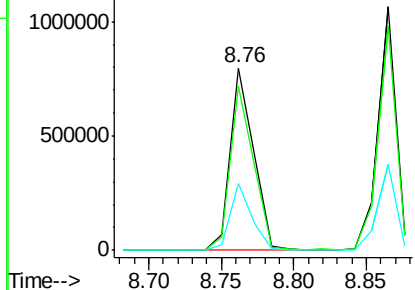
#37
 2-Methylnaphthalene
 Concen: 38.51 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 893443
 Ion Ratio Lower Upper
 142 100
 141 90.3 67.5 101.3
 115 36.3 18.2 27.2#

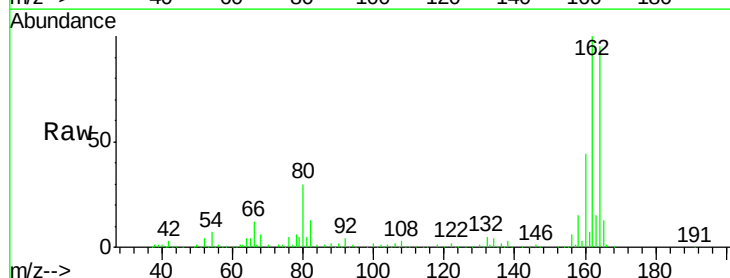


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

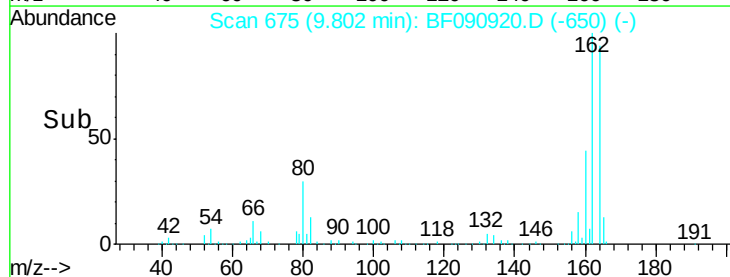
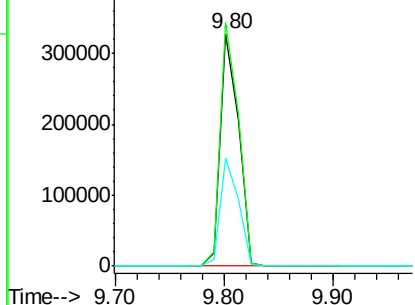


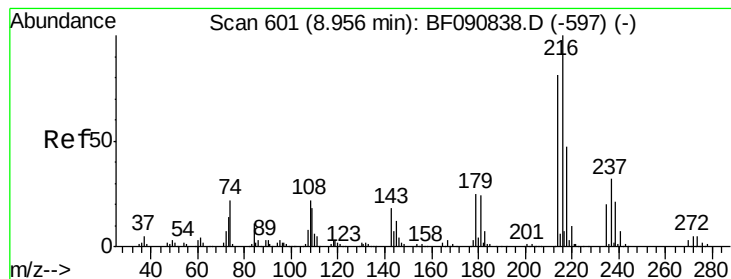
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:164 Resp: 384043
 Ion Ratio Lower Upper
 164 100
 162 104.7 75.2 112.8
 160 46.4 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.59 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 448721

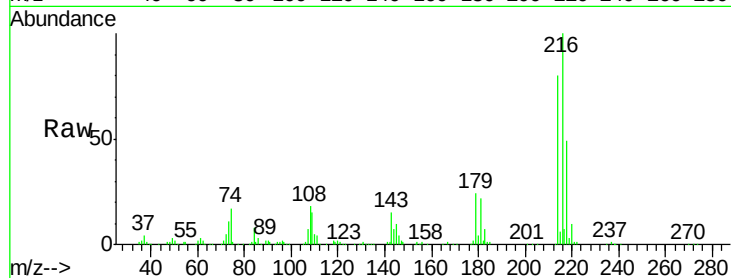
Ion Ratio Lower Upper

216 100

214 80.1 63.5 95.3

179 23.6 16.6 24.8

108 19.9 16.3 24.5

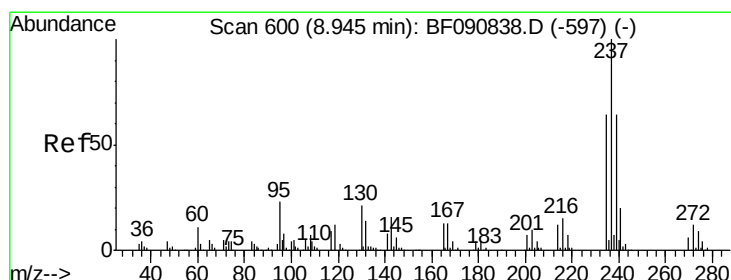
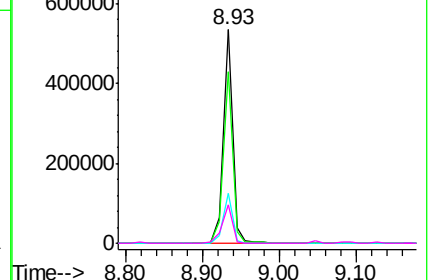
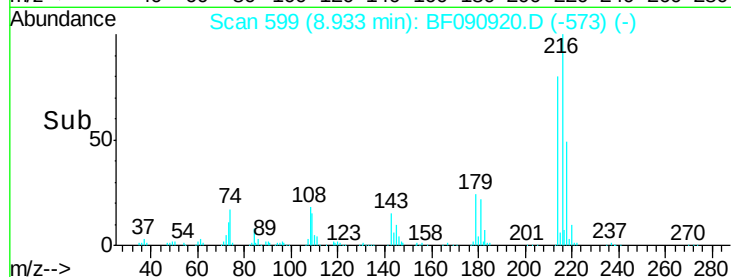


Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.40 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

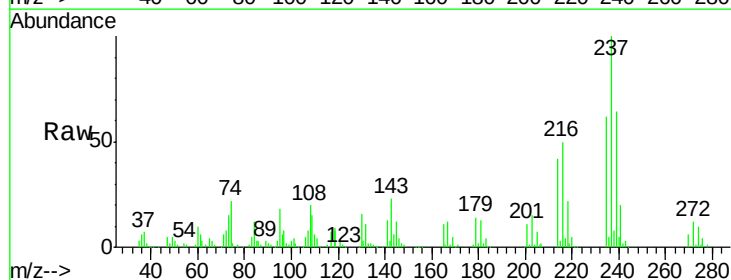
Tgt Ion:237 Resp: 103706

Ion Ratio Lower Upper

237 100

235 61.6 42.0 82.0

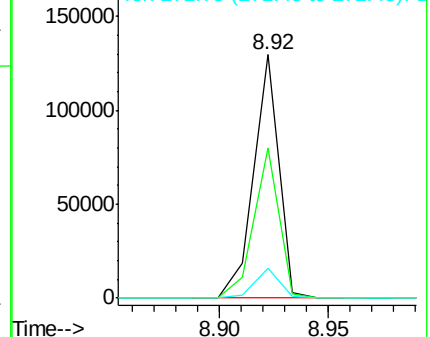
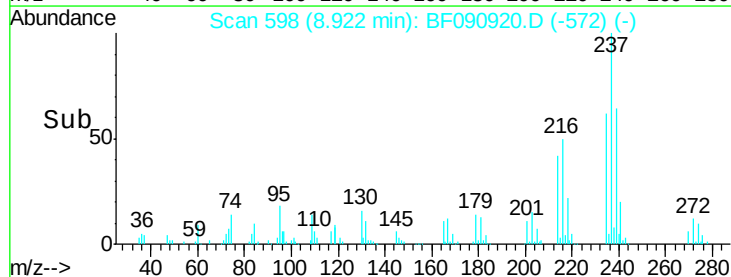
272 12.5 0.0 36.1

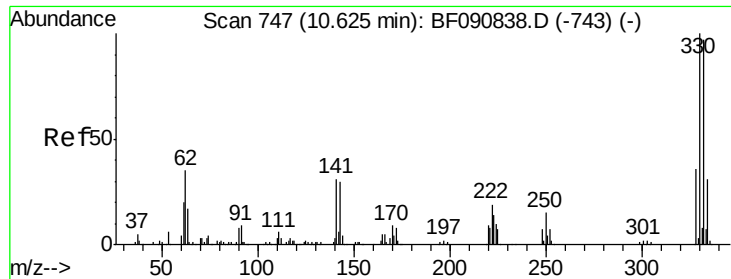


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

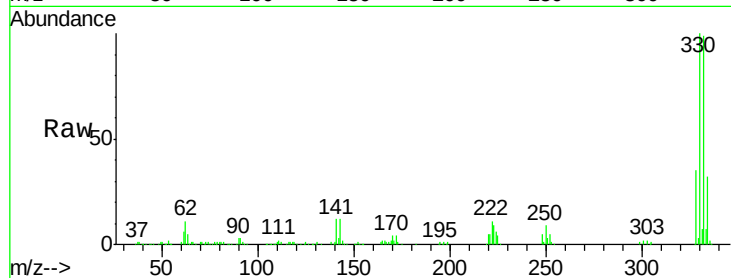




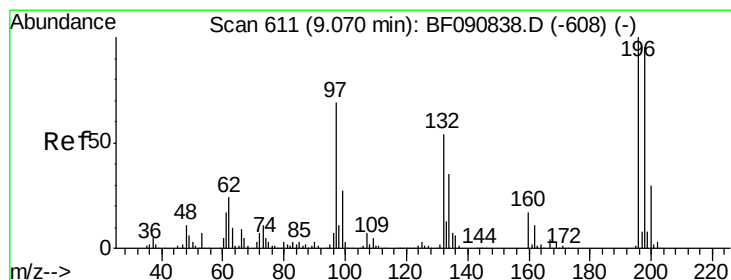
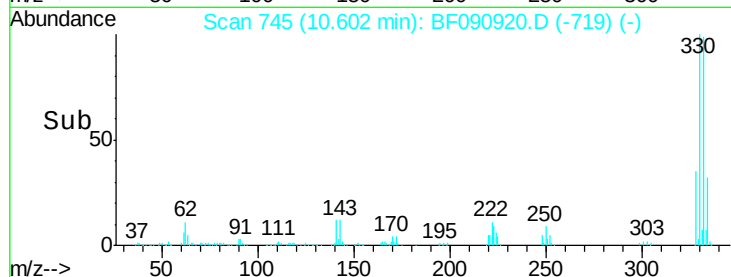
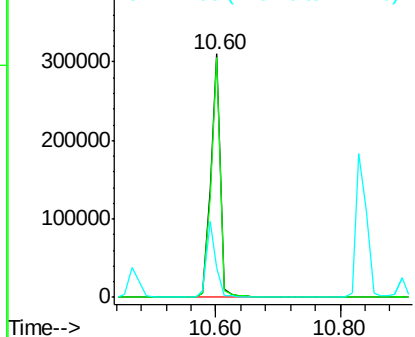
#41
 2,4,6-Tribromophenol
 Concen: 82.94 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 327342
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 31.3 29.7 44.5

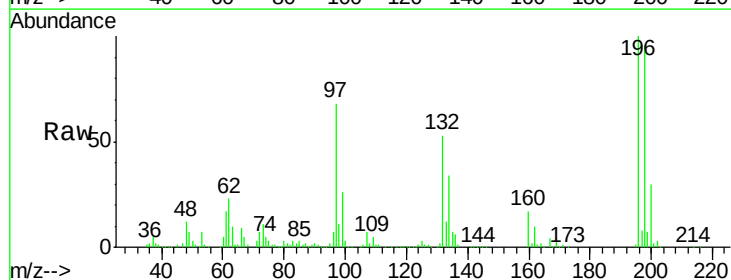


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

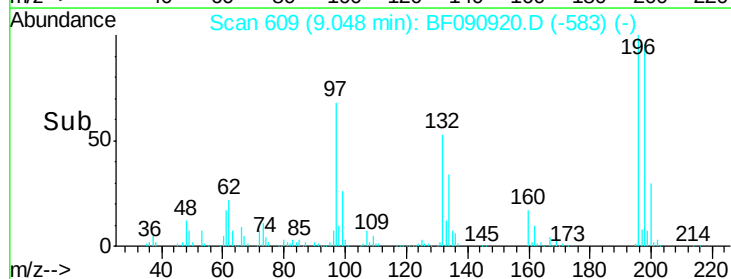
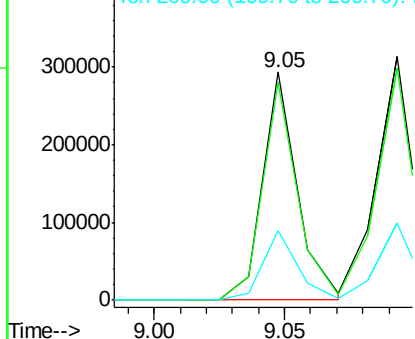


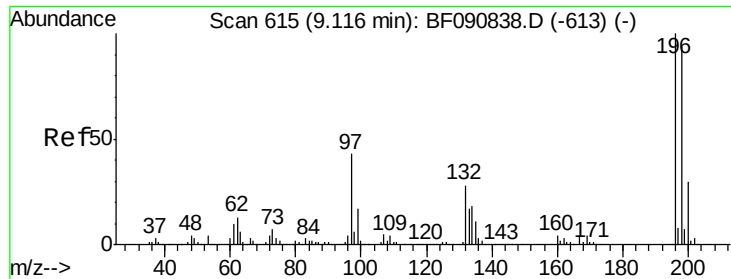
#42
 2,4,6-Trichlorophenol
 Concen: 40.06 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:196 Resp: 272449
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 200 30.4 23.9 35.9



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

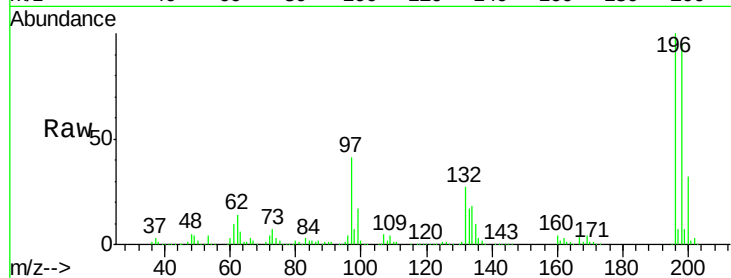




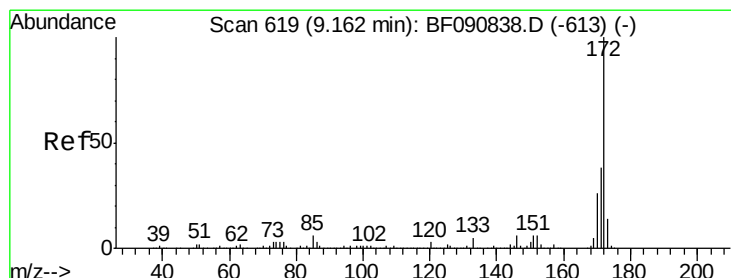
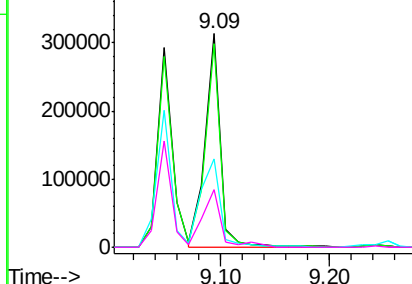
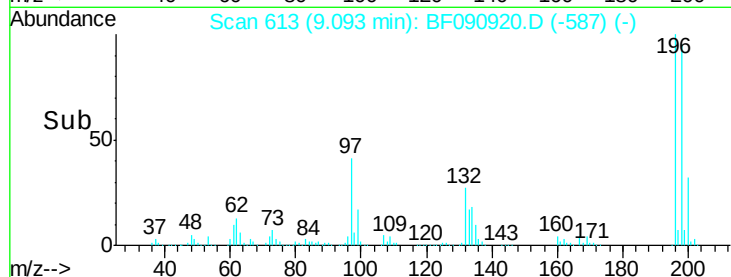
#43
 2,4,5-Trichlorophenol
 Concen: 43.69 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 306074
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.4 113.0
 97 41.5 33.3 49.9
 132 26.7 24.6 37.0

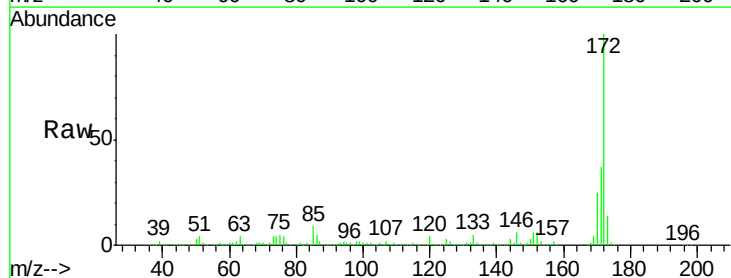


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

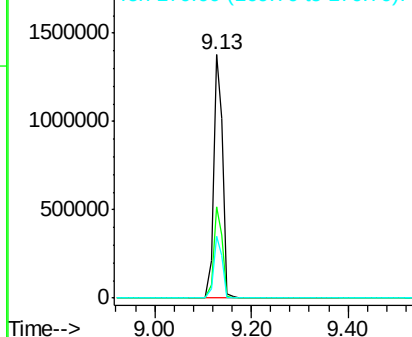
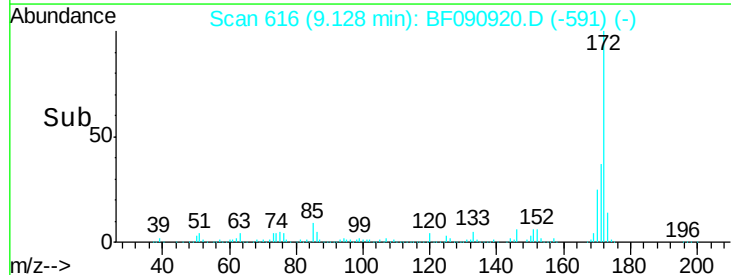


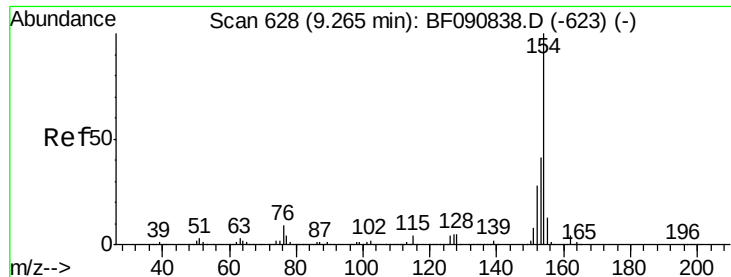
#44
 2-Fluorobiphenyl
 Concen: 83.84 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:172 Resp: 1833539
 Ion Ratio Lower Upper
 172 100
 171 37.3 26.1 39.1
 170 25.3 17.4 26.2



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

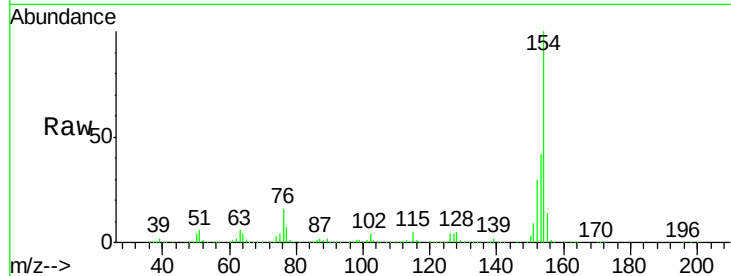




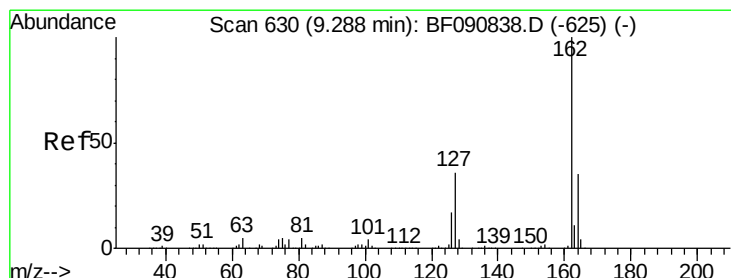
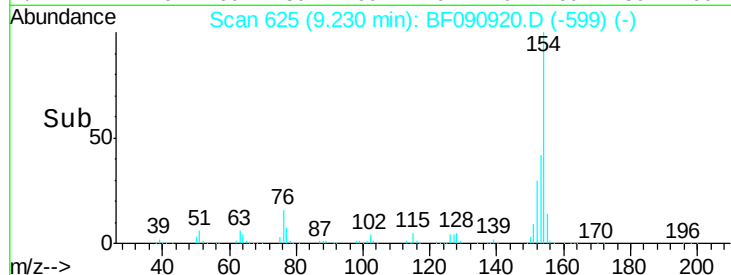
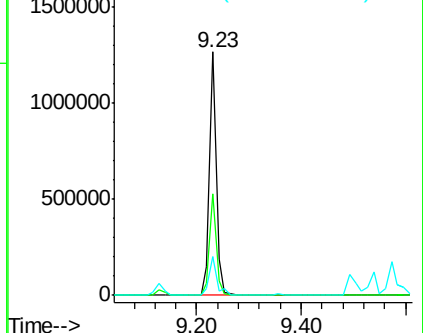
#45
 1,1'-Biphenyl
 Concen: 41.09 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Tgt Ion:154 Resp: 1136627
 Ion Ratio Lower Upper
 154 100
 153 41.9 17.1 57.1
 76 16.1 0.0 31.6

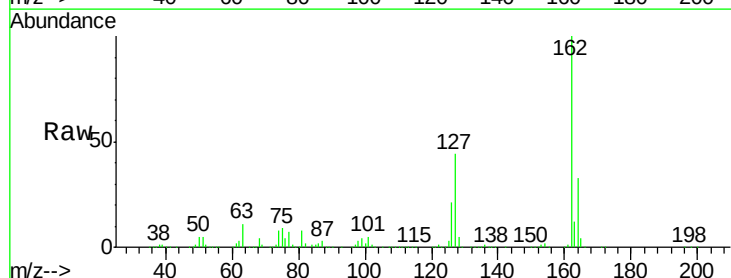


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

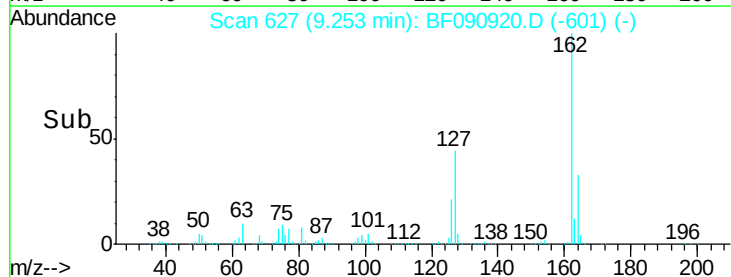
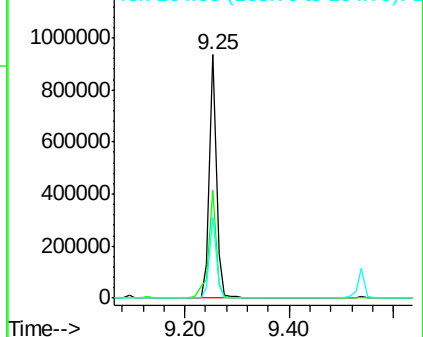


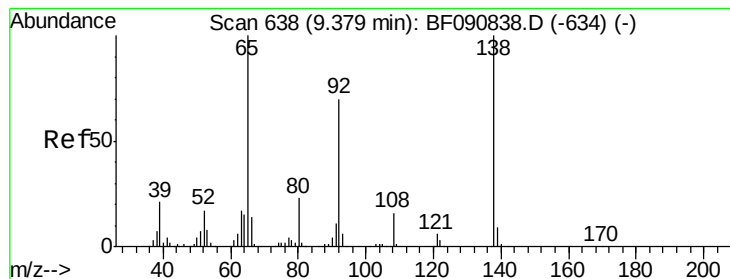
#46
 2-Chloronaphthalene
 Concen: 41.66 ng
 RT: 9.25 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:162 Resp: 876663
 Ion Ratio Lower Upper
 162 100
 127 44.2 27.6 41.4#
 164 33.4 25.4 38.2



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: 60.34 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

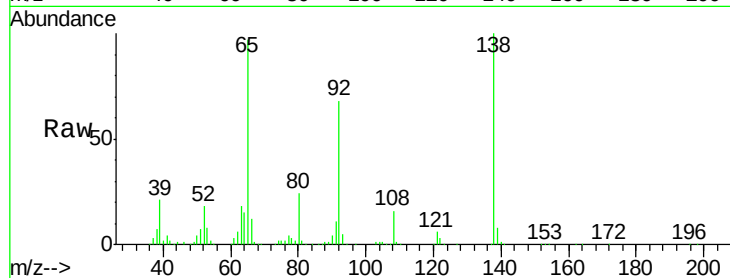
Tgt Ion: 65 Resp: 358268

Ion Ratio Lower Upper

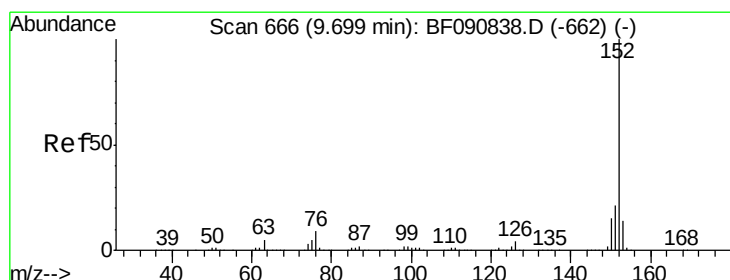
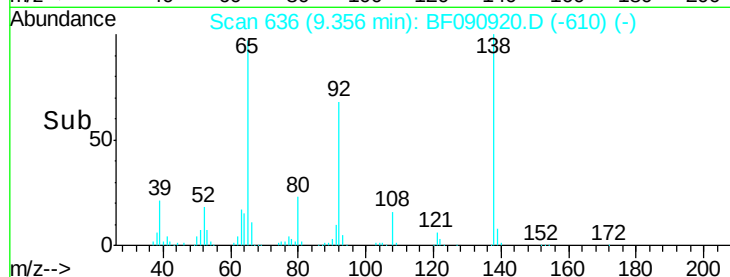
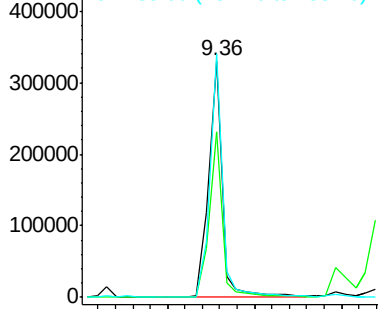
65 100

92 69.9 55.4 83.0

138 103.1 115.5 173.3#



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



#48

Acenaphthylene

Concen: 40.95 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

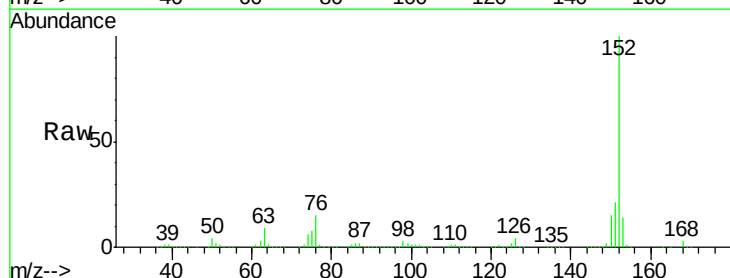
Tgt Ion: 152 Resp: 1304660

Ion Ratio Lower Upper

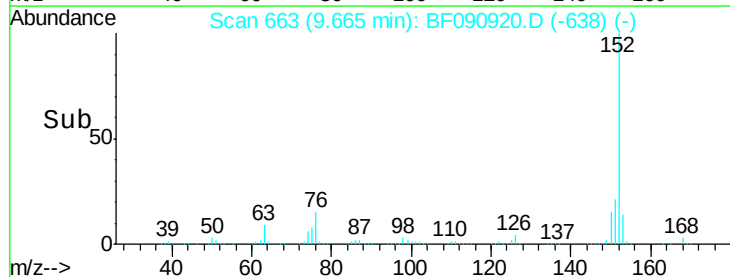
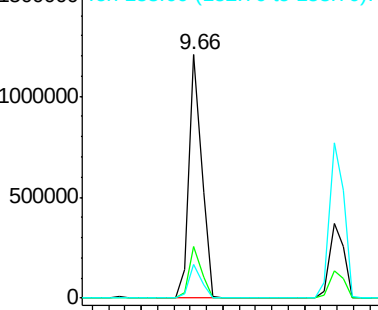
152 100

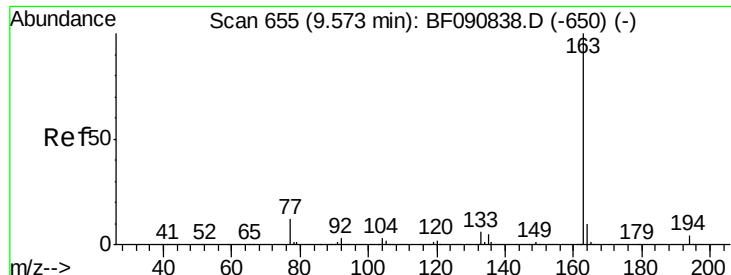
151 21.2 14.6 22.0

153 14.0 10.3 15.5



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

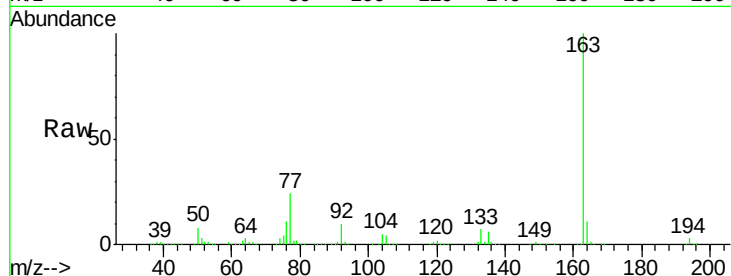




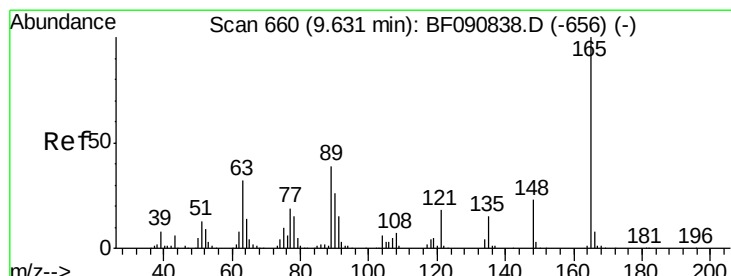
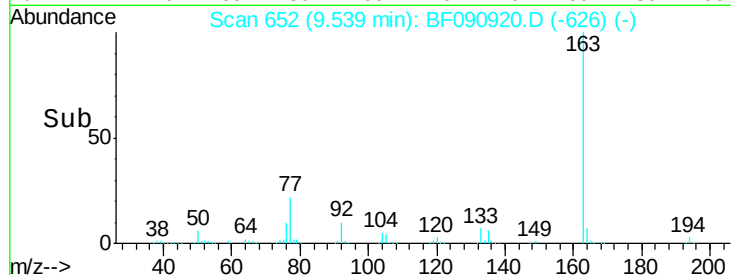
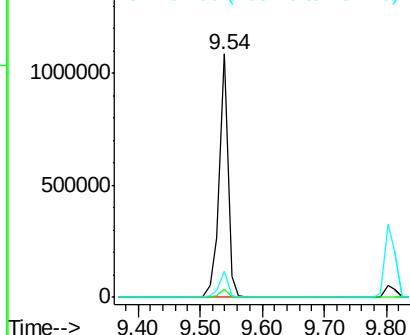
#49
Dimethylphthalate
Concen: 40.58 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 1041236
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 10.6 8.3 12.5

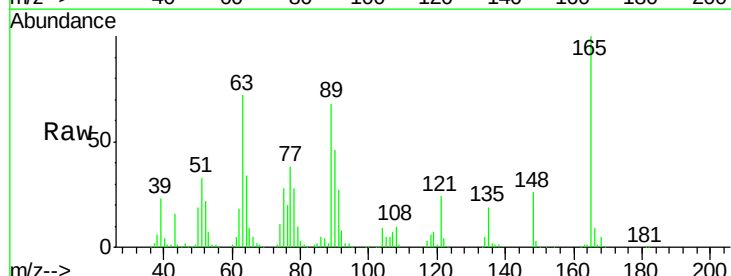


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

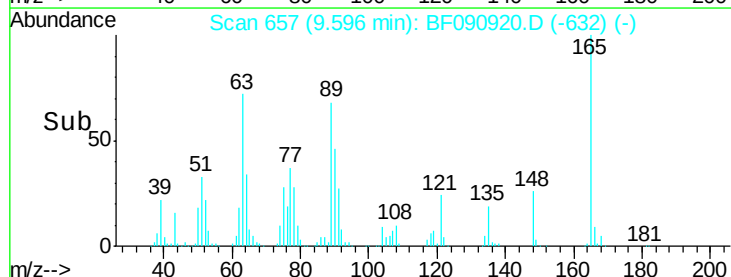
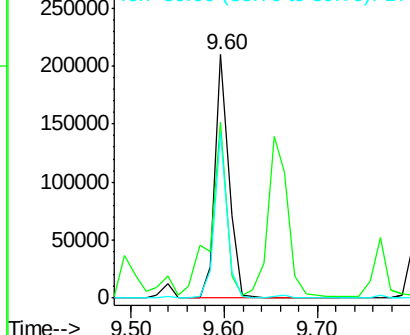


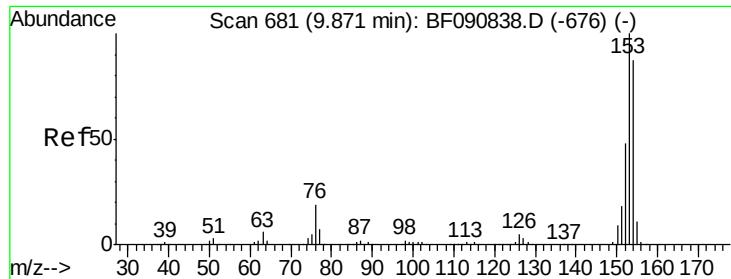
#50
2,6-Dinitrotoluene
Concen: 38.20 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:165 Resp: 216448
Ion Ratio Lower Upper
165 100
63 72.3 32.3 48.5#
89 68.2 28.6 43.0#



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





#51

Acenaphthene

Concen: 40.38 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

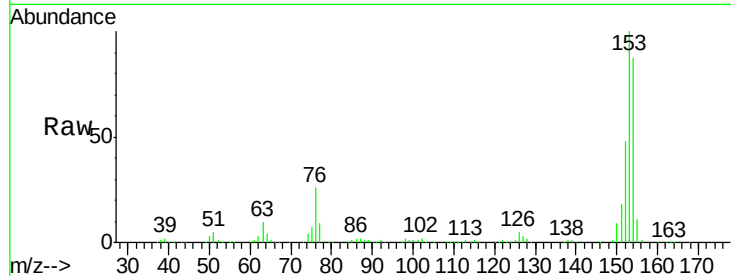
Tgt Ion:154 Resp: 885993

Ion Ratio Lower Upper

154 100

153 115.4 82.1 123.1

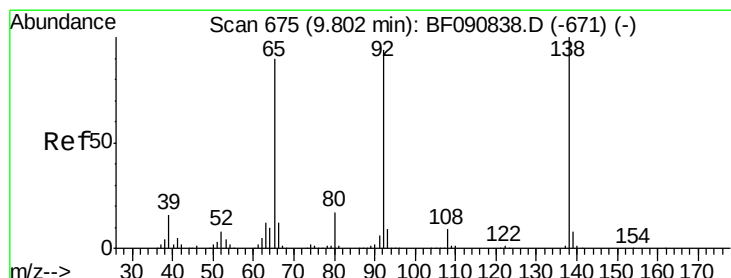
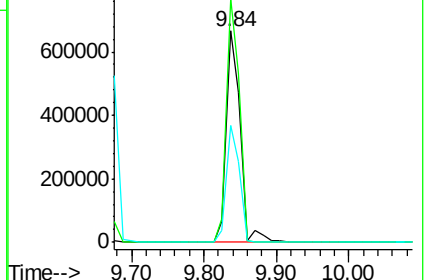
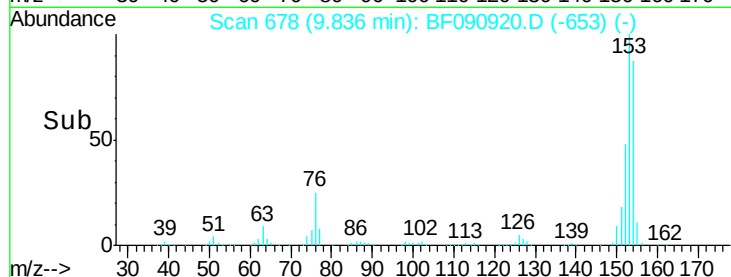
152 55.4 37.9 56.9



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: 43.46 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

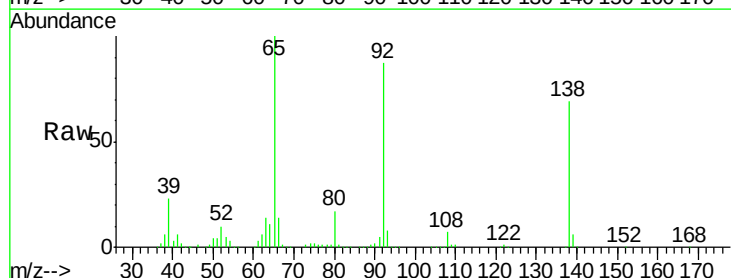
Tgt Ion:138 Resp: 262164

Ion Ratio Lower Upper

138 100

108 10.7 5.7 8.5#

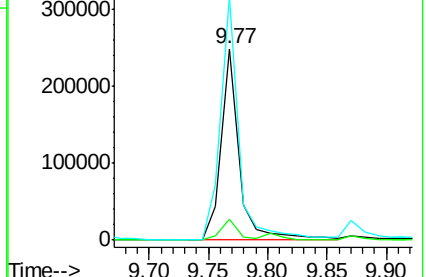
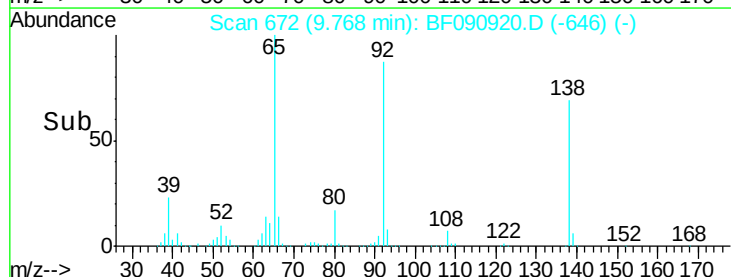
92 127.1 67.7 101.5#

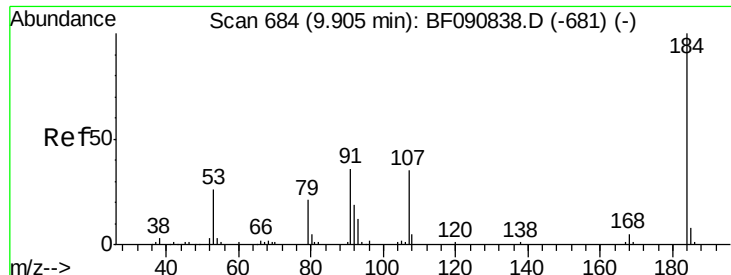


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

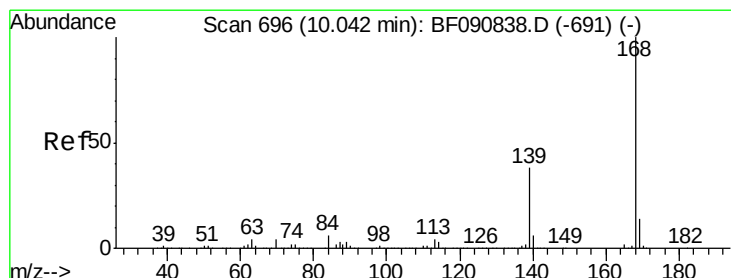
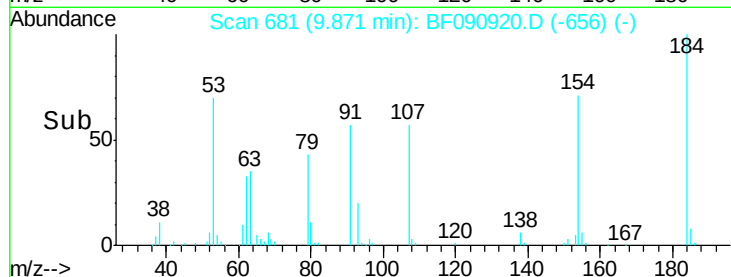
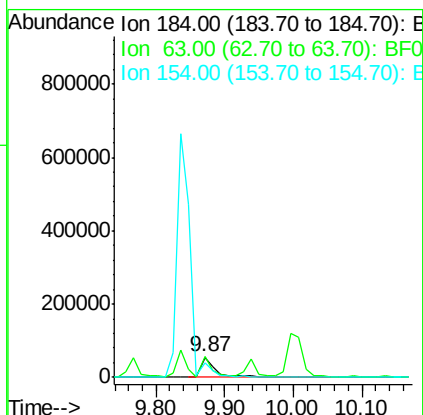
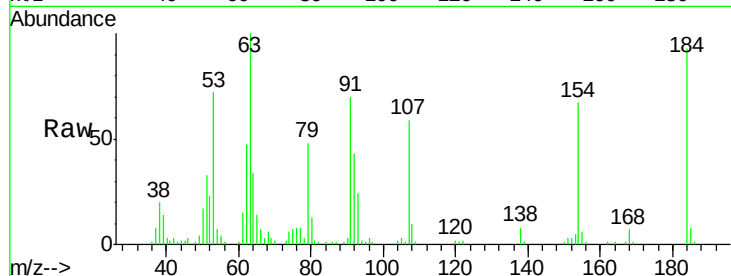




#53
 2,4-Dinitrophenol
 Concen: 26.78 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

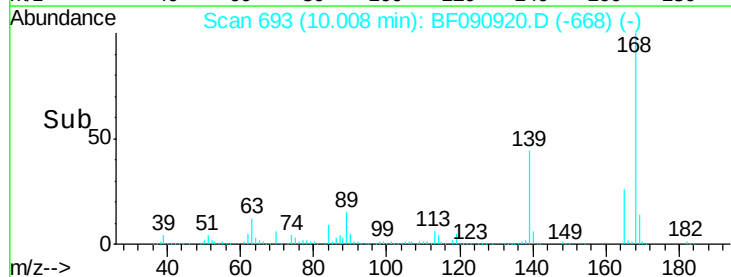
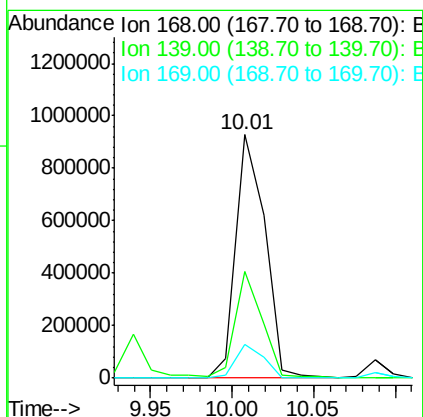
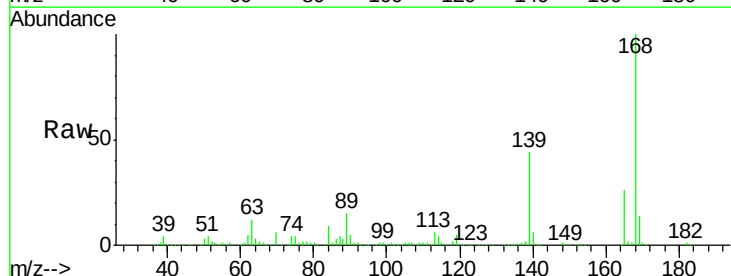
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

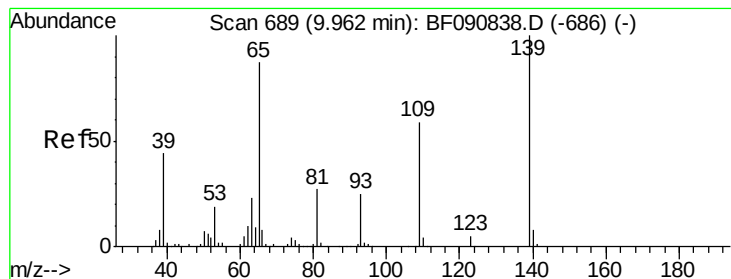
Tgt Ion:184 Resp: 79887
 Ion Ratio Lower Upper
 184 100
 63 107.6 35.4 53.2#
 154 72.1 32.2 48.4#



#54
 Dibenzofuran
 Concen: 40.55 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:168 Resp: 1148203
 Ion Ratio Lower Upper
 168 100
 139 43.8 24.2 36.2#
 169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 47.05 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

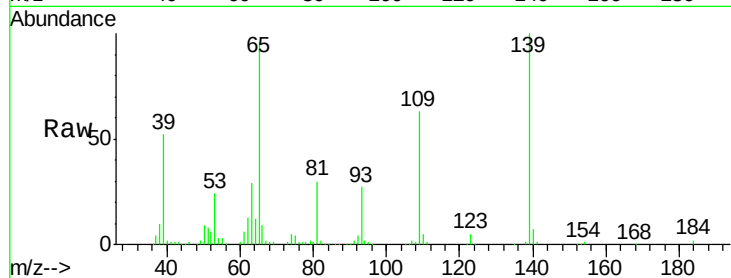
Tgt Ion:139 Resp: 173096

Ion Ratio Lower Upper

139 100

109 62.6 12.7 52.7#

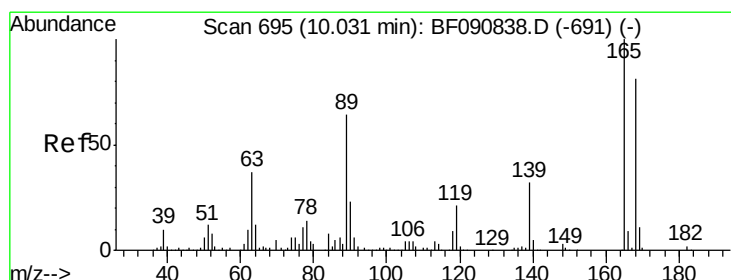
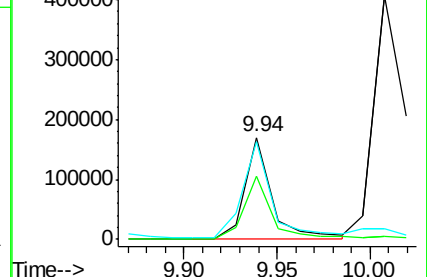
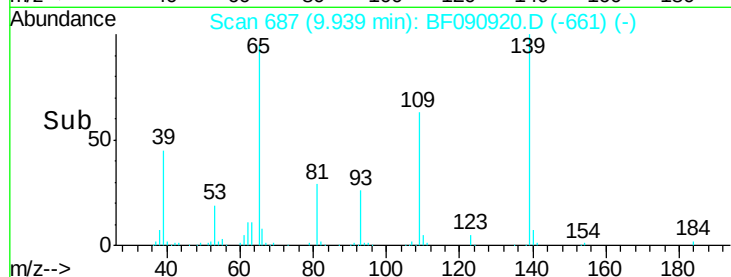
65 96.5 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.52 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:165 Resp: 313422

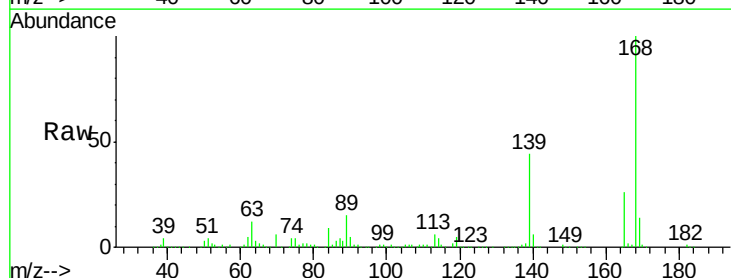
Ion Ratio Lower Upper

165 100

63 45.2 29.8 44.6#

89 58.0 44.5 66.7

182 2.4 3.0 4.4#

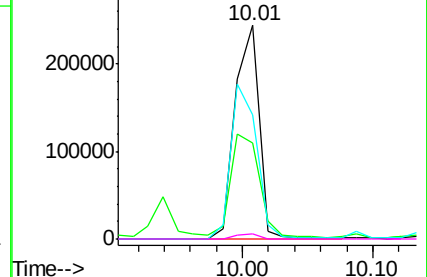
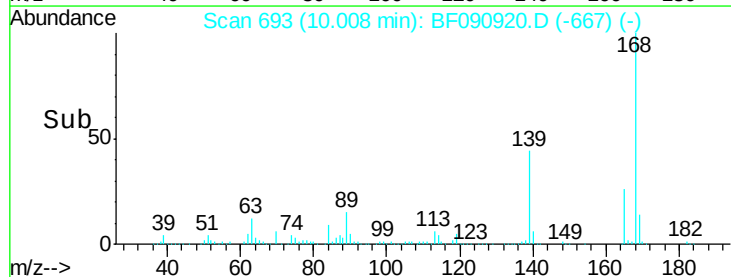


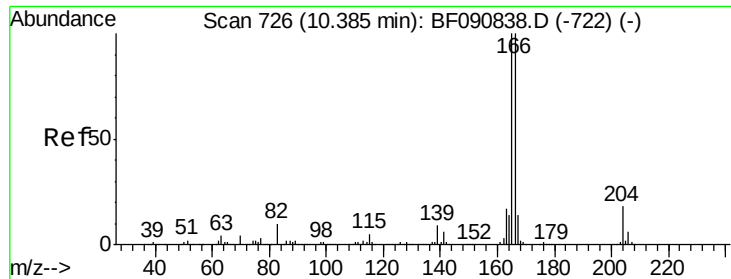
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.76 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

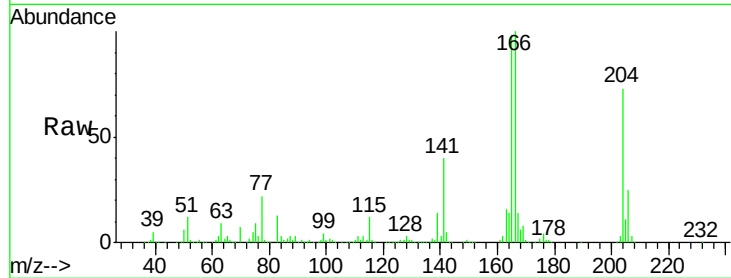
Tgt Ion:166 Resp: 945368

Ion Ratio Lower Upper

166 100

165 98.3 72.6 109.0

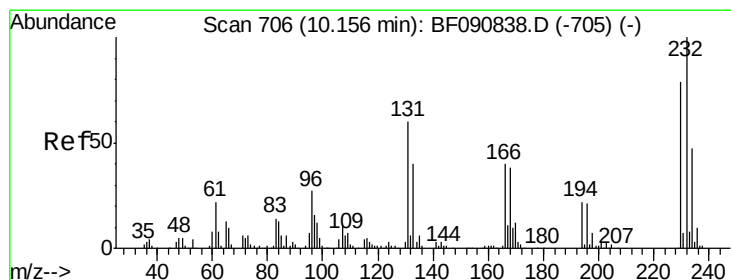
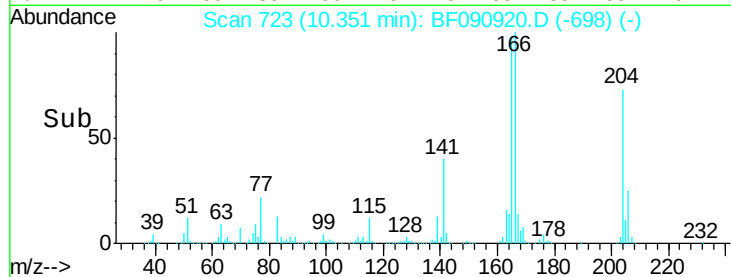
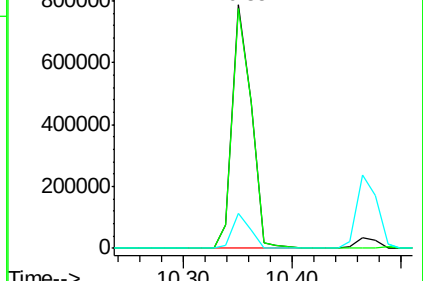
167 14.2 10.6 16.0



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: 39.03 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Tgt Ion:232 Resp: 244174

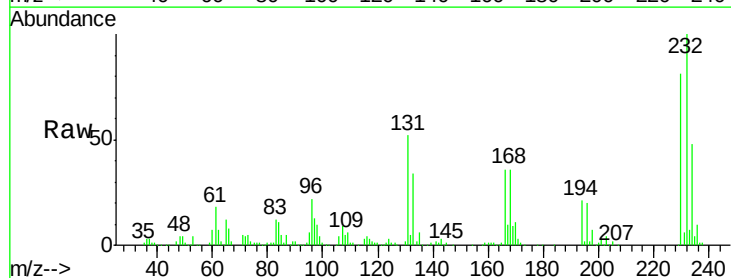
Ion Ratio Lower Upper

232 100

131 53.2 38.5 57.7

130 2.4 1.8 2.6

166 34.5 25.0 37.6

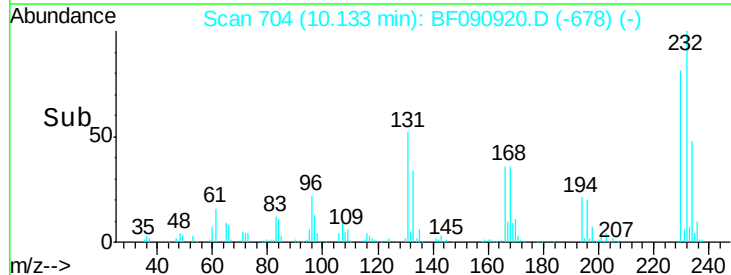
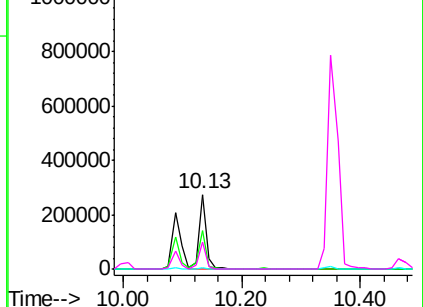


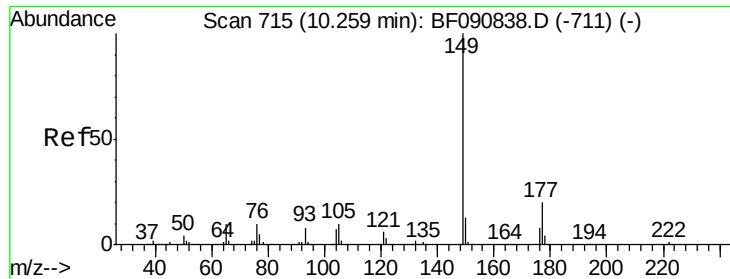
Abundance Ion 232.00 (231.70 to 232.70): E

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

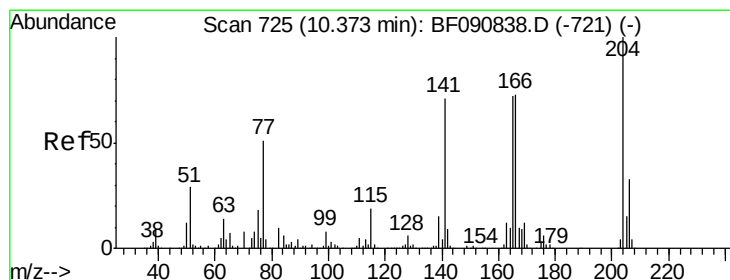
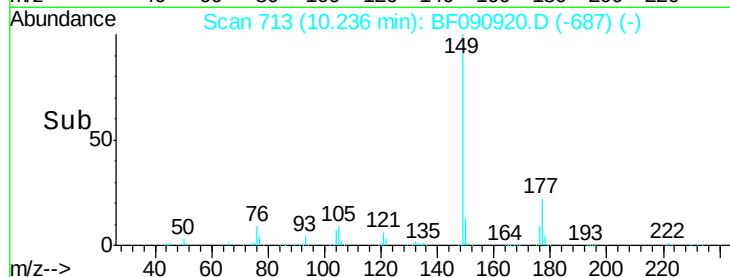
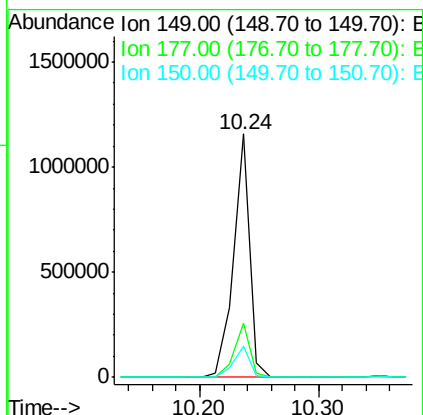
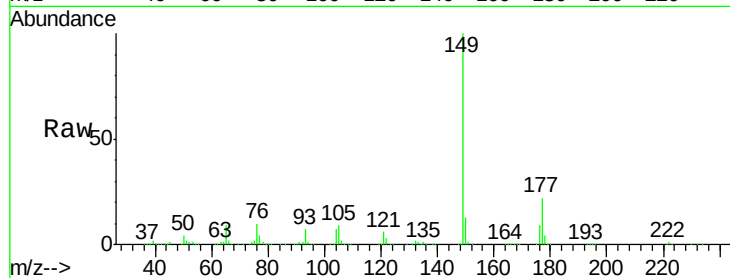




#59
Diethylphthalate
Concen: 42.90 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

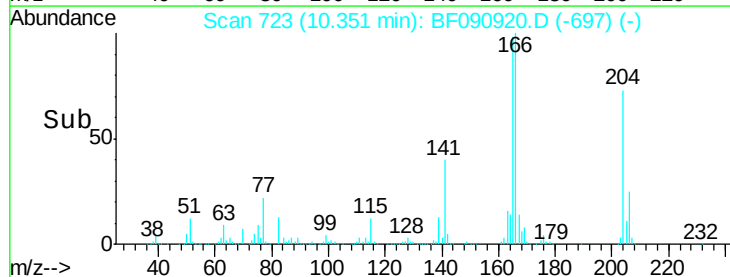
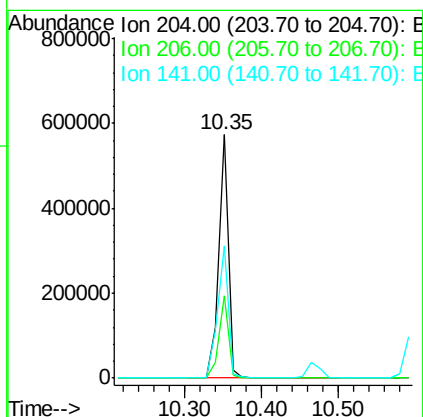
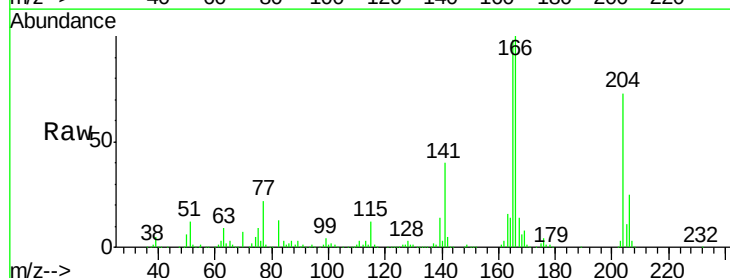
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

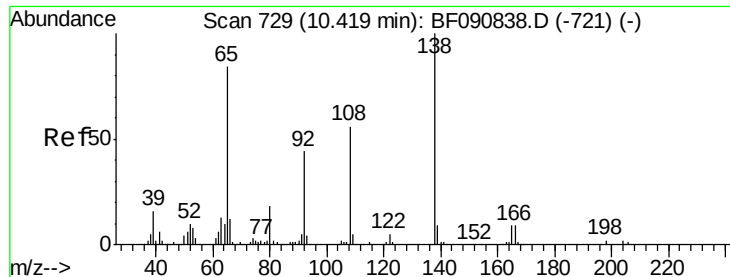
Tgt Ion:149 Resp: 1093355
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 43.76 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:204 Resp: 495521
Ion Ratio Lower Upper
204 100
206 33.8 24.8 37.2
141 54.5 42.2 63.4

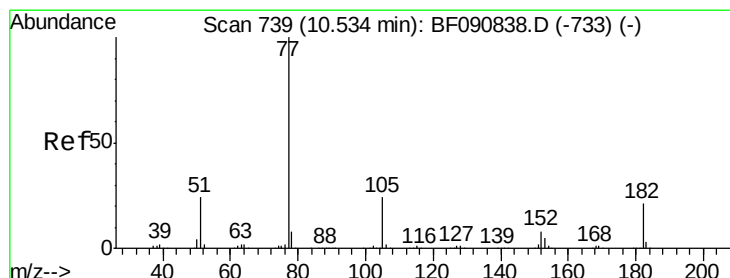
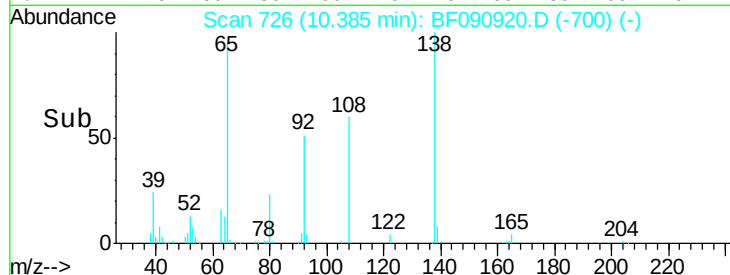
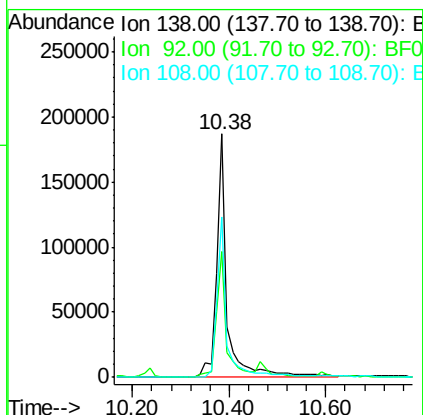
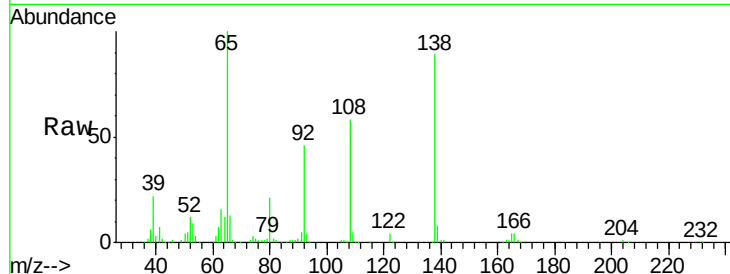




#61
4-Nitroaniline
Concen: 47.84 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

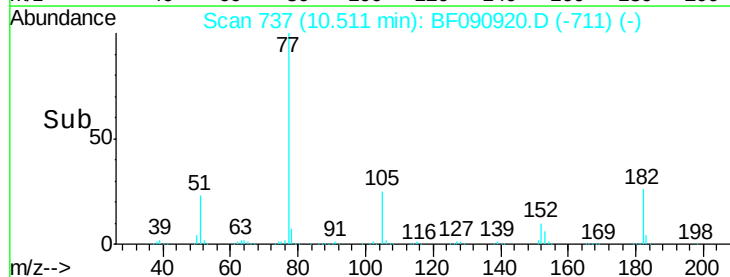
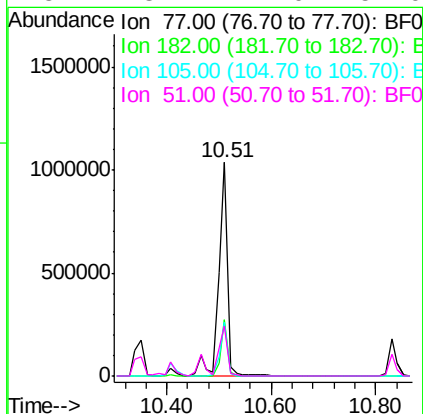
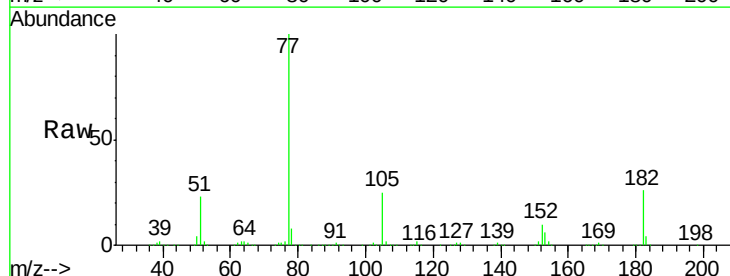
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

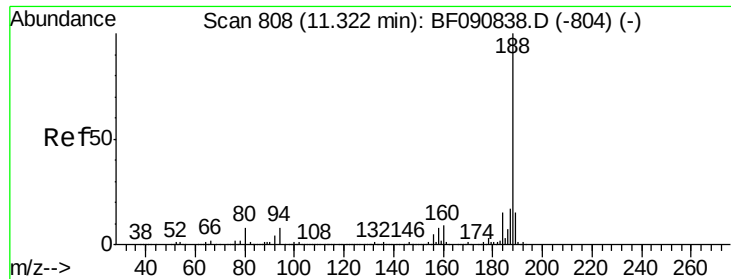
Tgt Ion: 138 Resp: 285855
Ion Ratio Lower Upper
138 100
92 51.5 12.6 52.6
108 65.7 12.4 52.4#



#62
Azobenzene
Concen: 48.96 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion: 77 Resp: 1227064
Ion Ratio Lower Upper
77 100
182 26.2 15.1 55.1
105 25.1 3.4 43.4
51 23.4 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

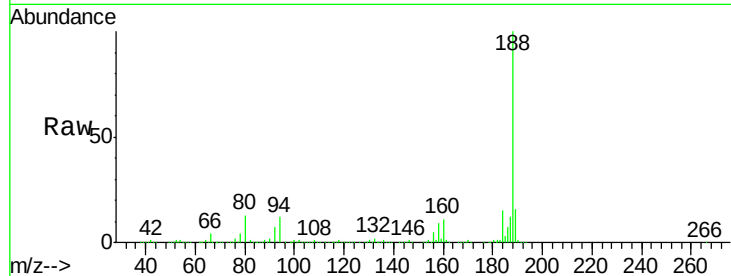
Tgt Ion:188 Resp: 635445

Ion Ratio Lower Upper

188 100

94 12.0 11.1 16.7

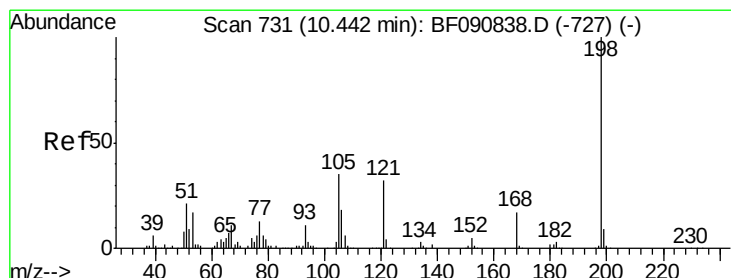
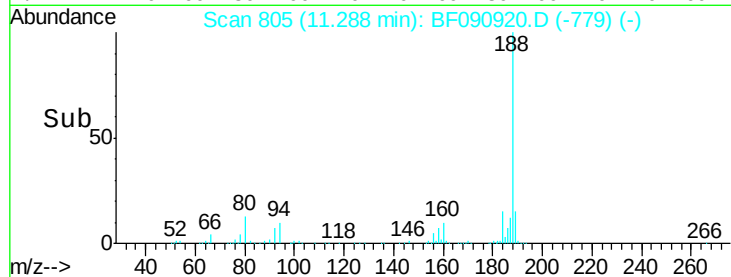
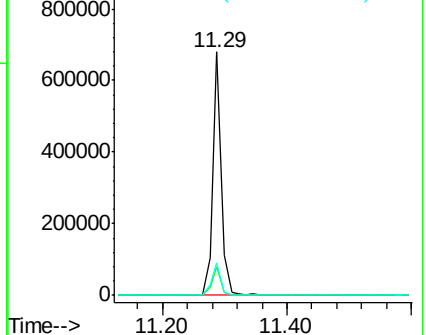
80 13.3 11.0 16.4



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: 31.20 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

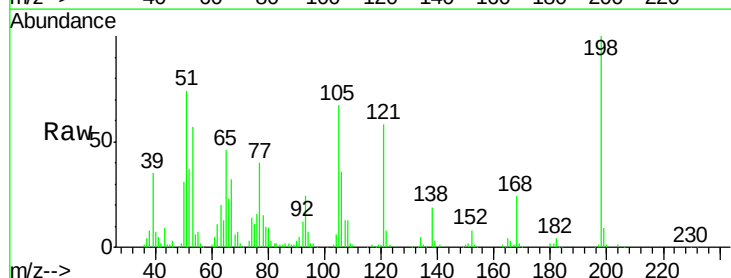
Tgt Ion:198 Resp: 131446

Ion Ratio Lower Upper

198 100

51 73.9 39.6 79.6

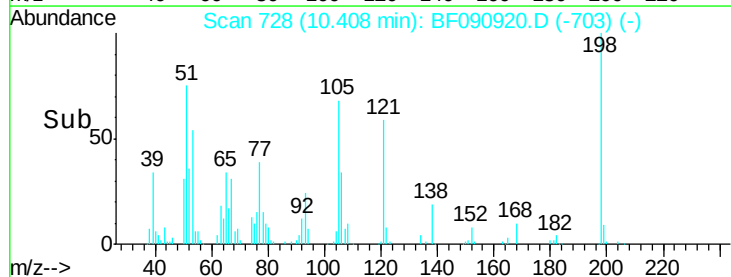
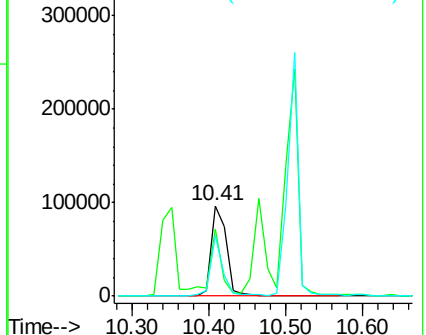
105 67.0 28.5 68.5

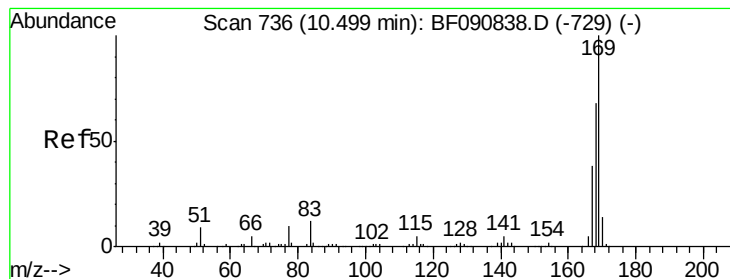


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.73 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

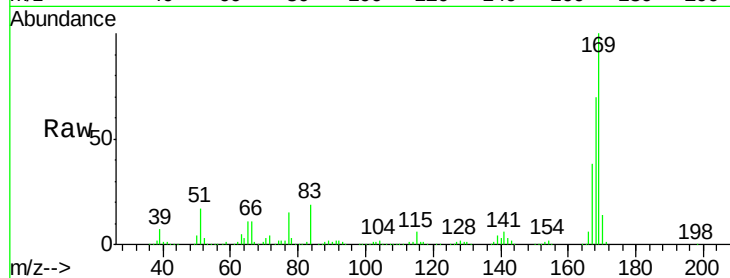
Tgt Ion:169 Resp: 812350

Ion Ratio Lower Upper

169 100

168 69.8 48.9 73.3

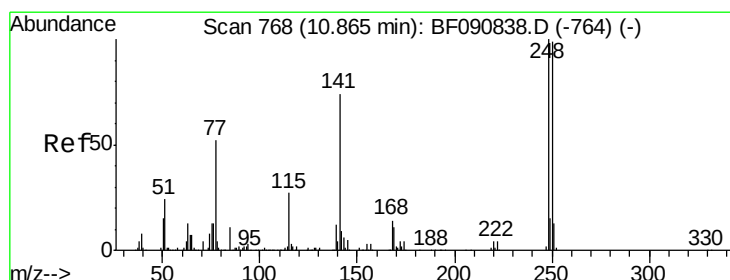
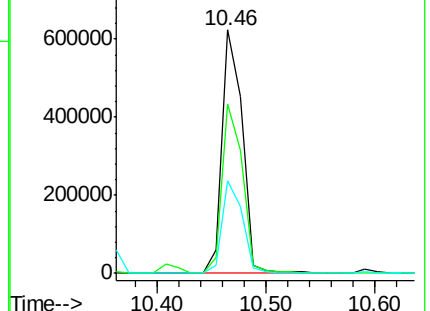
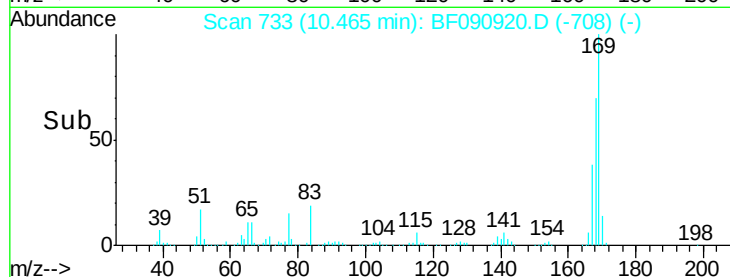
167 38.0 26.2 39.4



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: 40.07 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

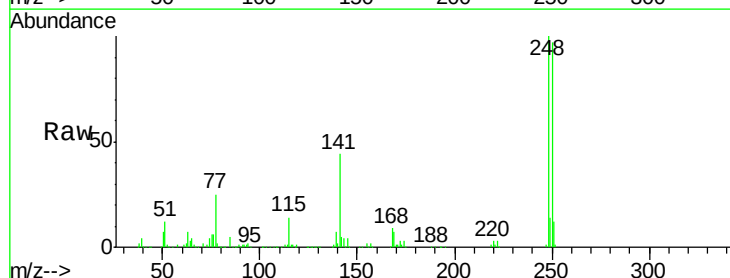
Tgt Ion:248 Resp: 278855

Ion Ratio Lower Upper

248 100

250 96.8 78.5 117.7

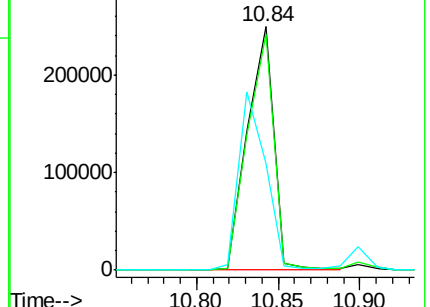
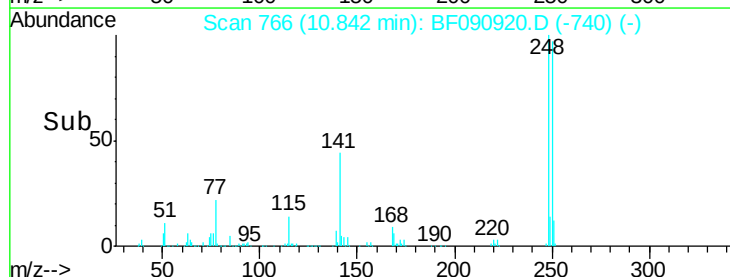
141 44.0 59.0 88.6#

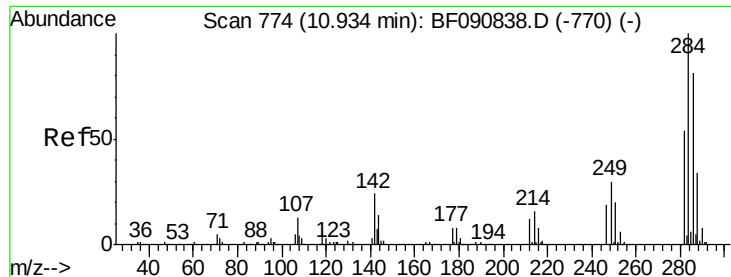


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.62 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

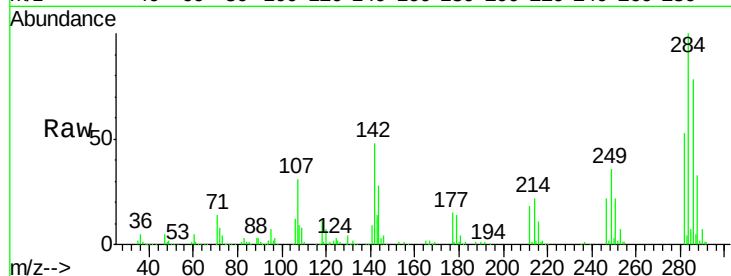
Tgt Ion:284 Resp: 293308

Ion Ratio Lower Upper

284 100

142 48.5 29.5 44.3#

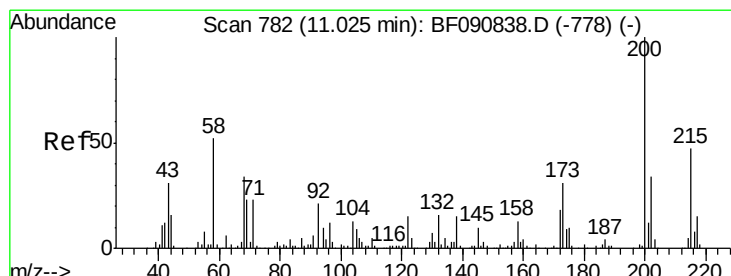
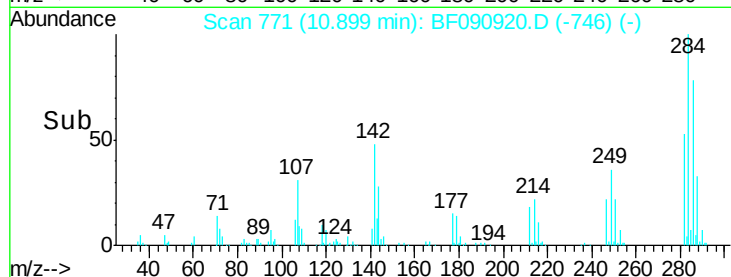
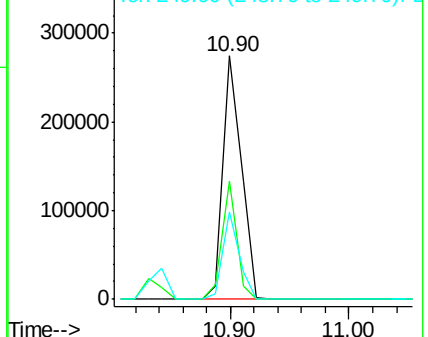
249 35.7 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.74 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

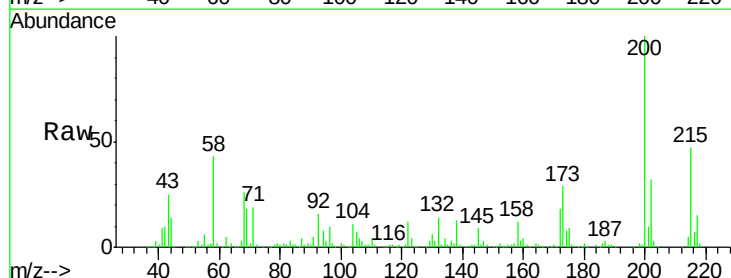
Tgt Ion:200 Resp: 245313

Ion Ratio Lower Upper

200 100

173 28.7 13.2 53.2

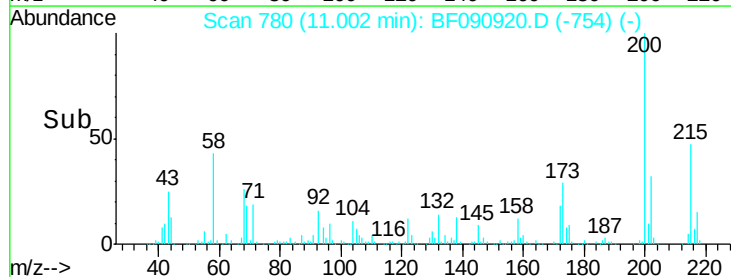
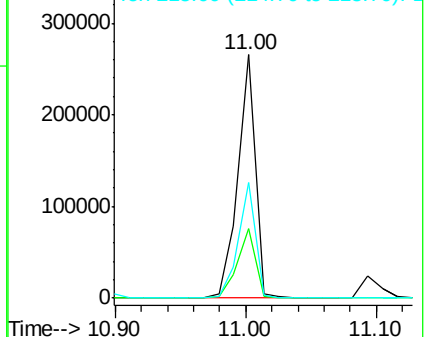
215 47.4 41.8 81.8

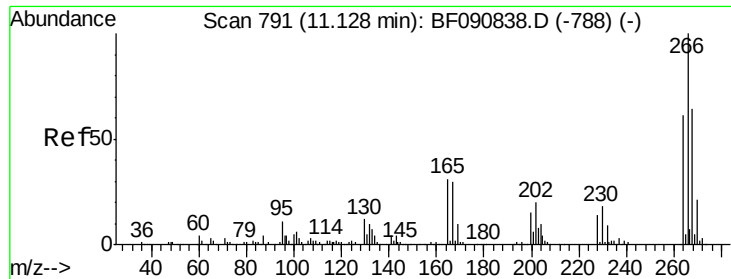


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

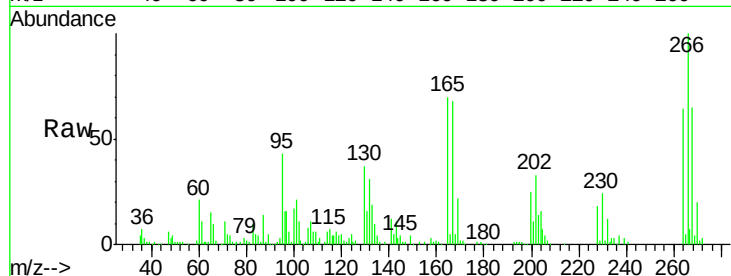




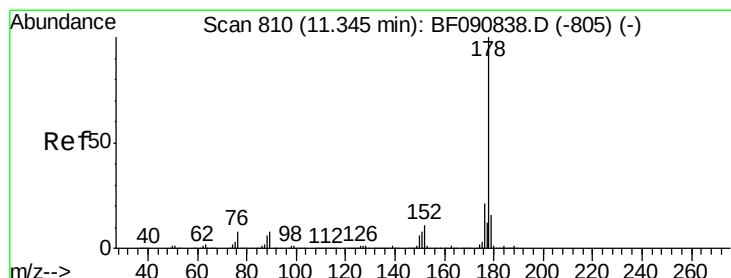
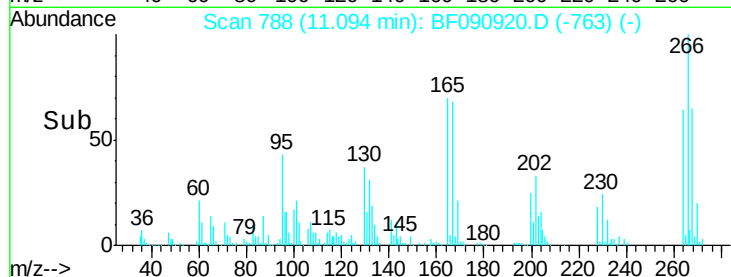
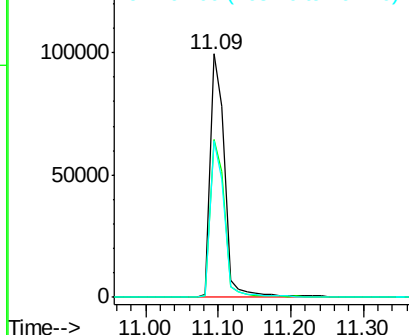
#69
 Pentachlorophenol
 Concen: 31.06 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 137217
 Ion Ratio Lower Upper
 266 100
 268 64.7 49.8 74.6
 264 64.3 50.2 75.2

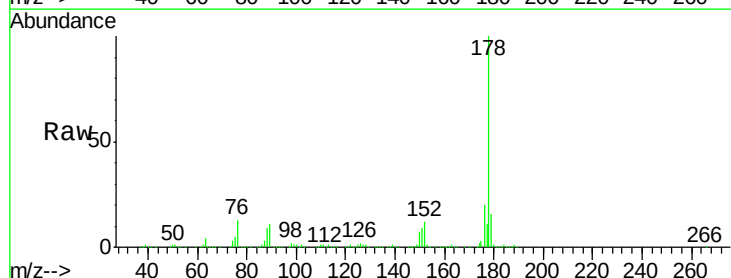


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

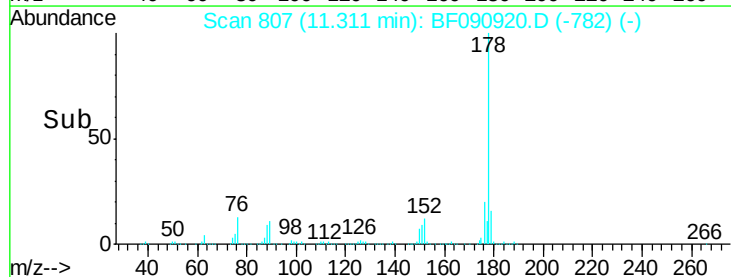
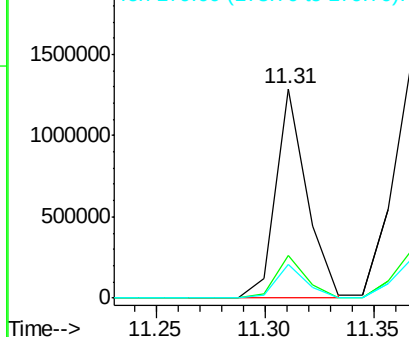


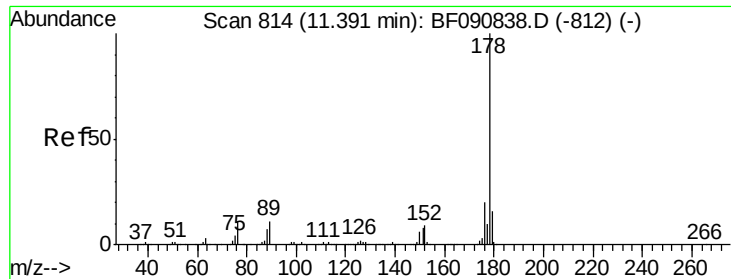
#70
 Phenanthrene
 Concen: 39.57 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:178 Resp: 1280532
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 16.1 12.2 18.2



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

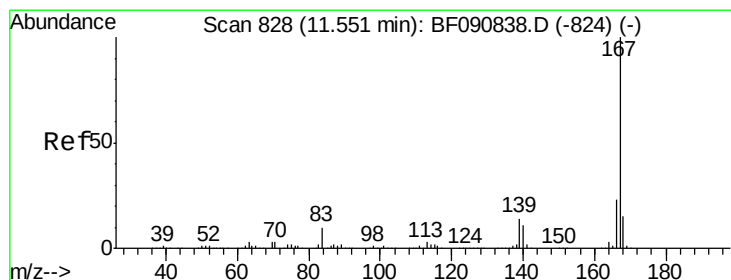
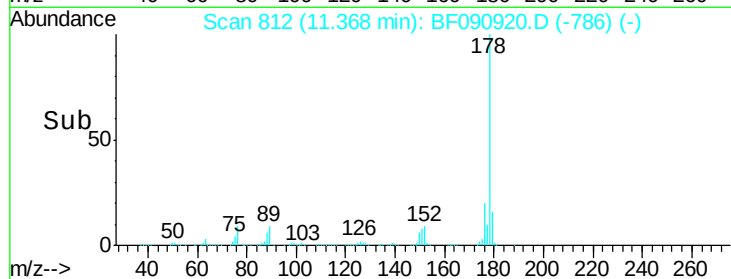
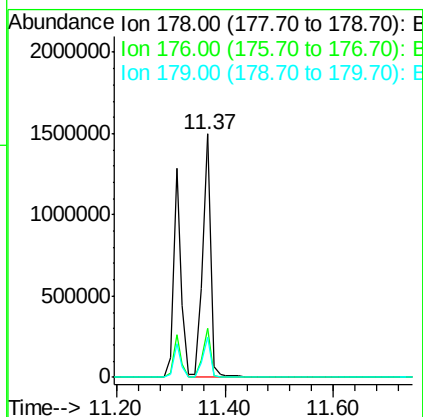
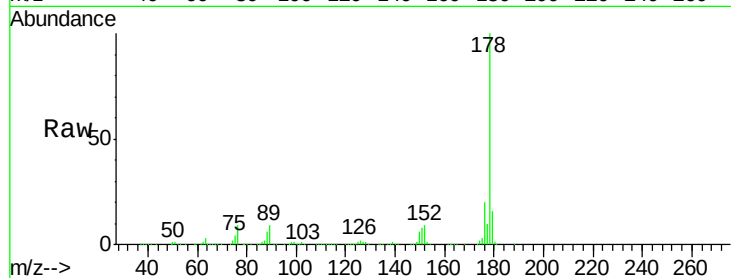




#71
 Anthracene
 Concen: 44.46 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

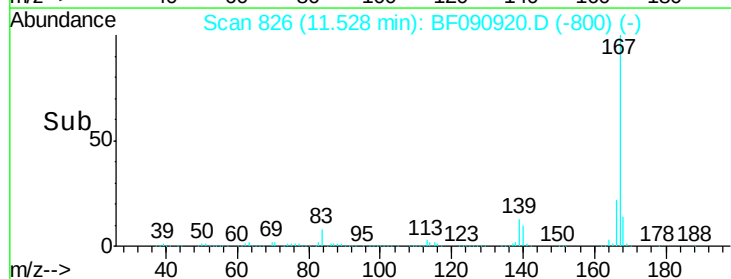
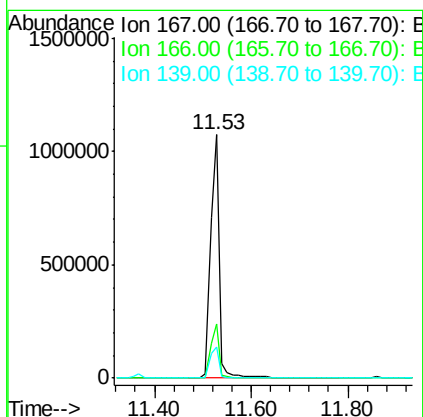
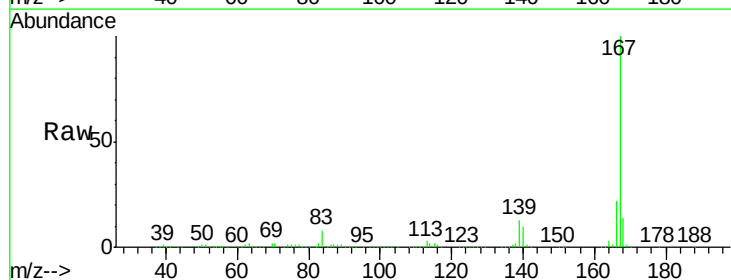
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

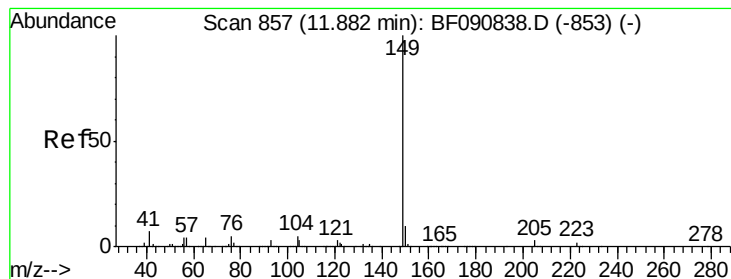
Tgt Ion:178 Resp: 1514955
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.1 21.1
 179 16.4 12.2 18.2



#72
 Carbazole
 Concen: 45.21 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:167 Resp: 1360542
 Ion Ratio Lower Upper
 167 100
 166 22.1 15.7 23.5
 139 12.9 9.5 14.3





#73

Di-n-butylphthalate

Concen: 42.74 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

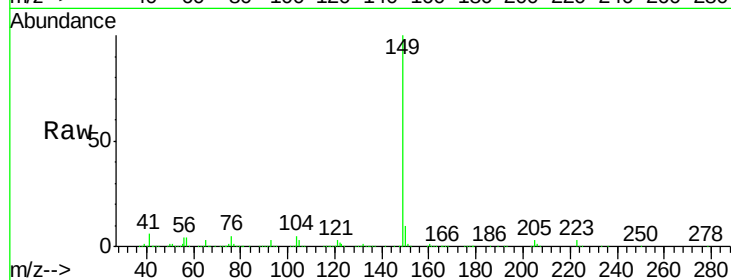
Tgt Ion:149 Resp: 1657777

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

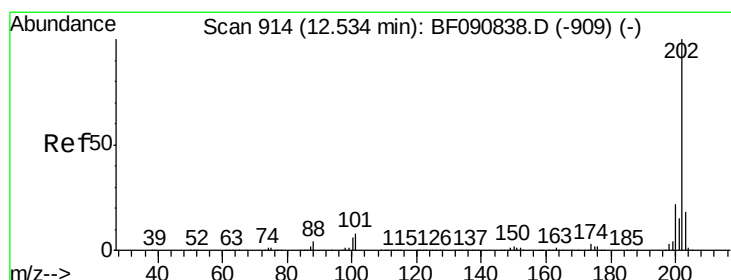
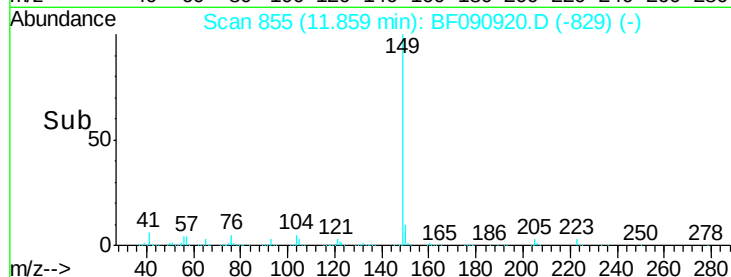
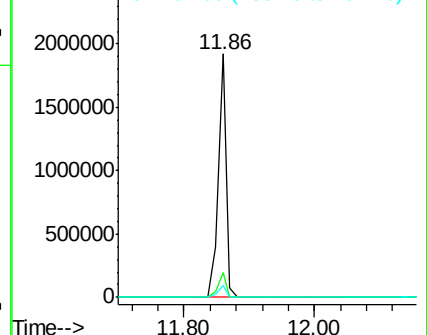
104 5.1 2.4 3.6#



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: 38.05 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

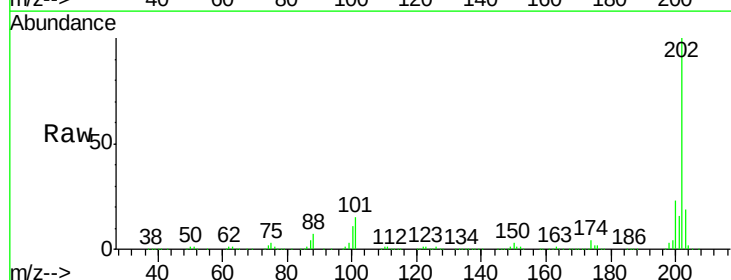
Tgt Ion:202 Resp: 1348229

Ion Ratio Lower Upper

202 100

101 14.5 0.0 38.3

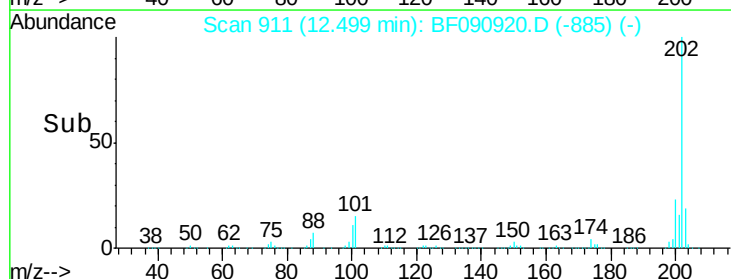
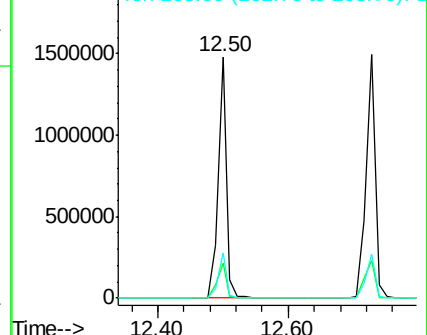
203 18.8 0.0 37.3

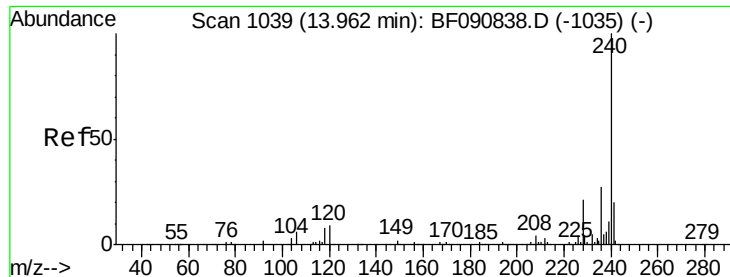


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

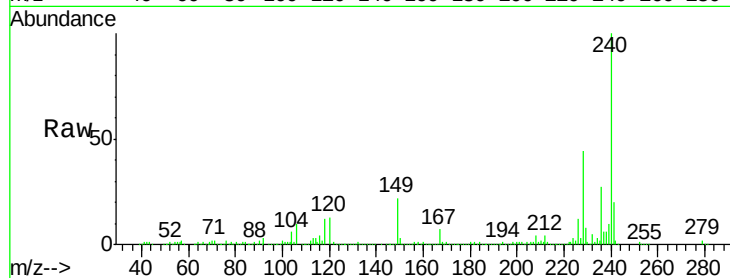
Tgt Ion:240 Resp: 506121

Ion Ratio Lower Upper

240 100

120 13.0 16.2 24.2#

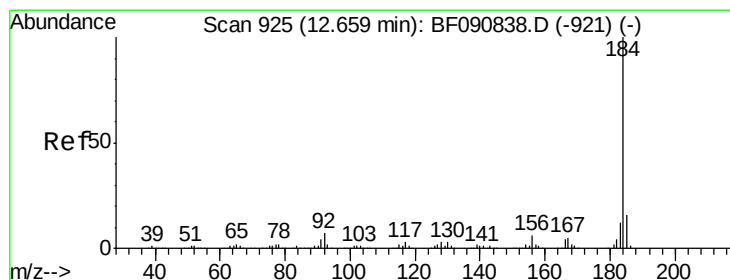
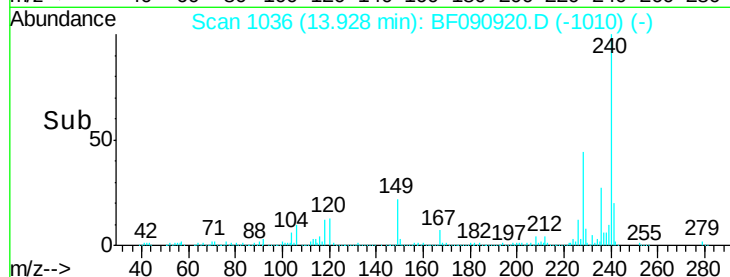
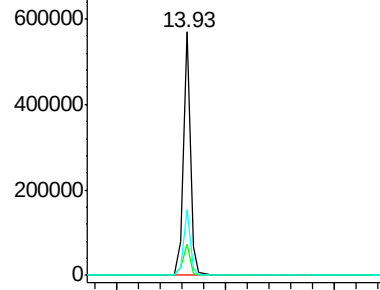
236 27.0 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.86 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

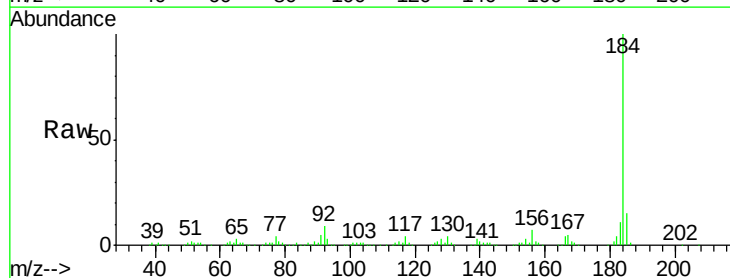
Tgt Ion:184 Resp: 318897

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.6

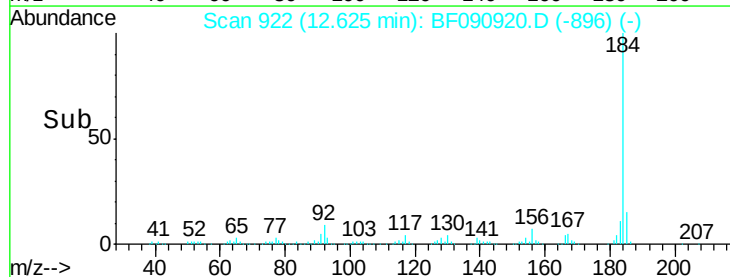
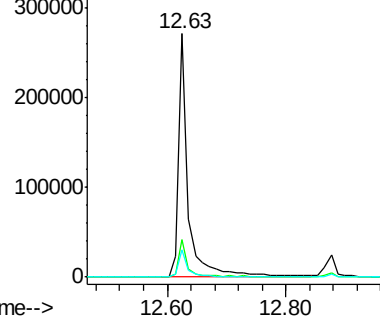
183 11.0 7.6 11.4

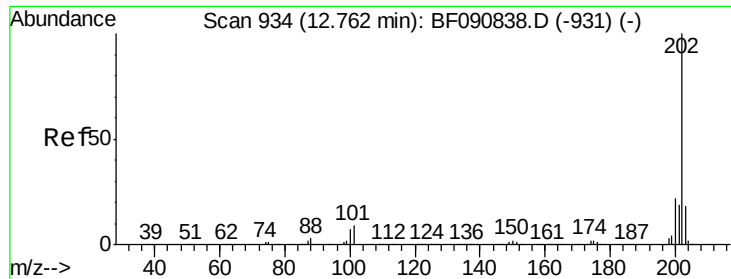


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

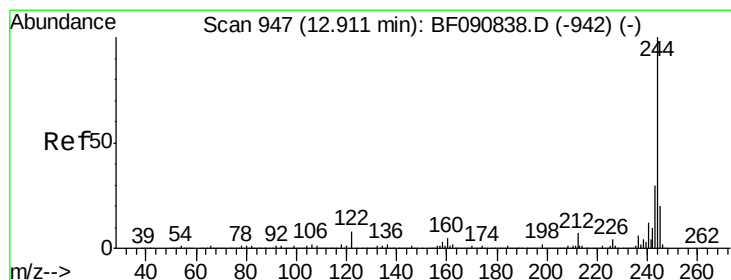
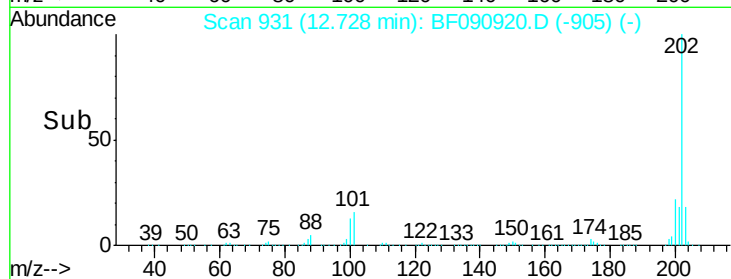
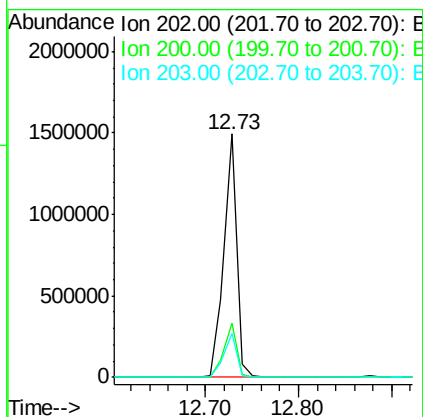
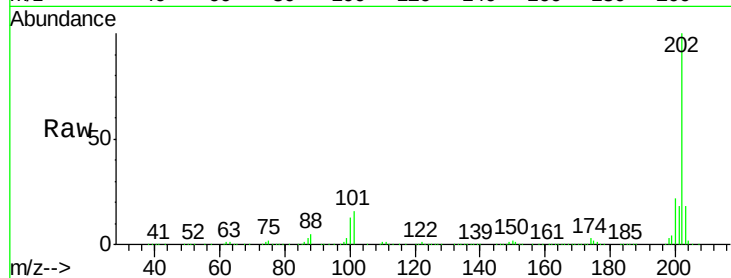




#77
Pyrene
 Concen: 44.54 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

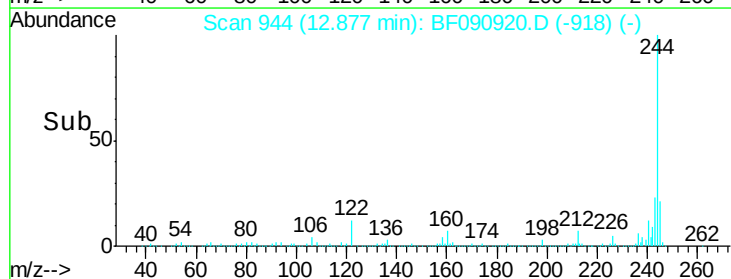
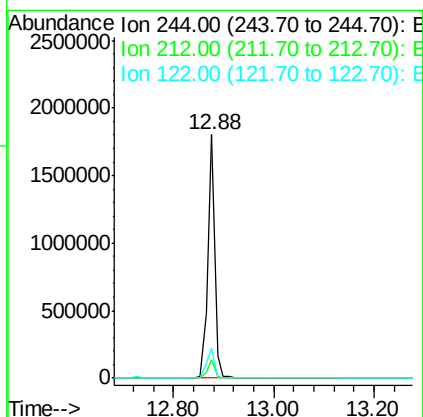
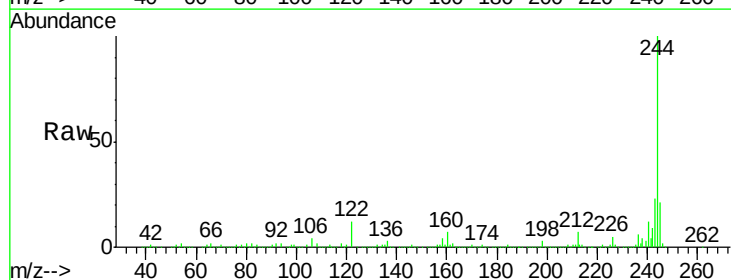
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

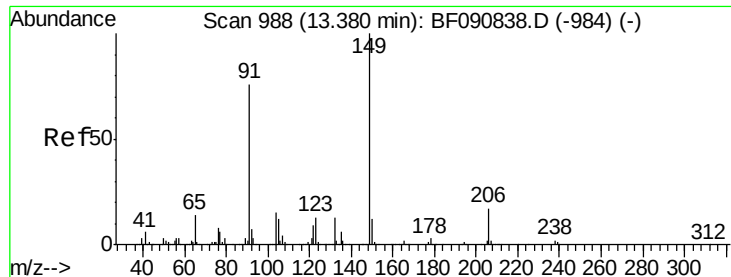
Tgt Ion:202 Resp: 1426661
 Ion Ratio Lower Upper
 202 100
 200 22.3 15.0 22.4
 203 18.1 14.1 21.1



#78
Terphenyl-d14
 Concen: 85.59 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:244 Resp: 1719501
 Ion Ratio Lower Upper
 244 100
 212 7.4 4.3 6.5#
 122 12.4 17.4 26.2#

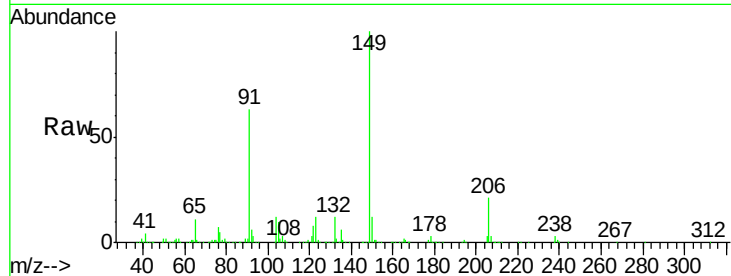




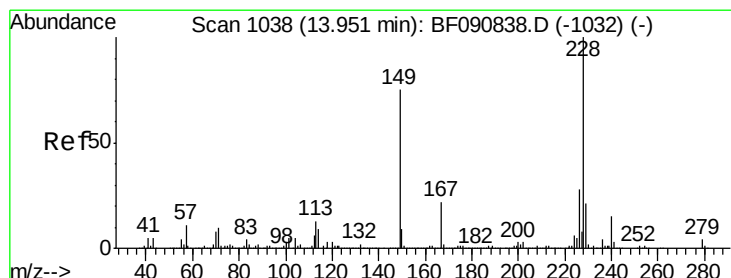
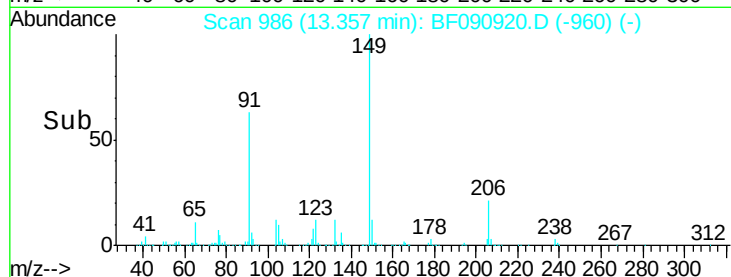
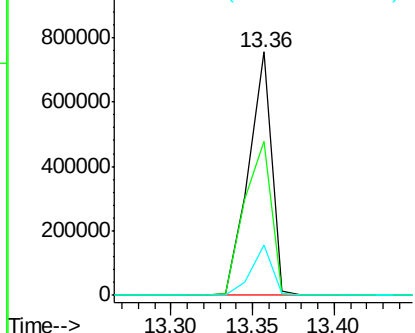
#79
Butylbenzylphthalate
Concen: 51.14 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 743243
Ion Ratio Lower Upper
149 100
91 63.0 48.6 72.8
206 20.8 14.9 22.3

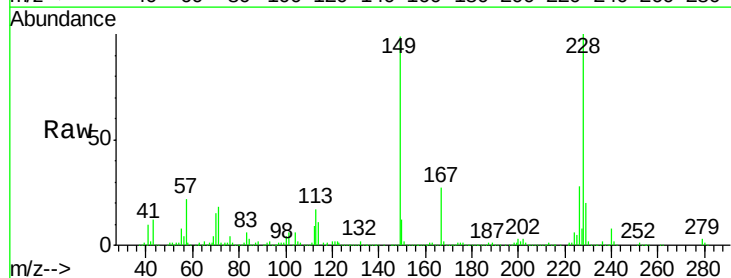


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

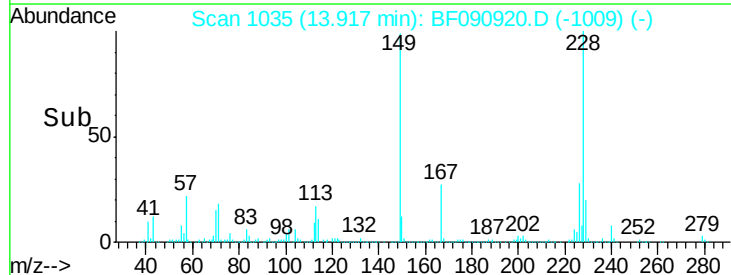
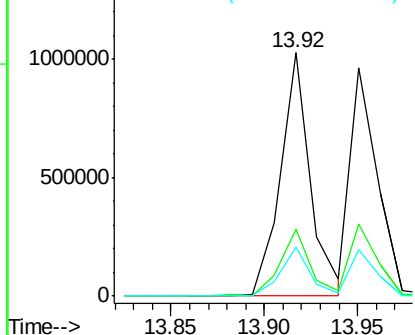


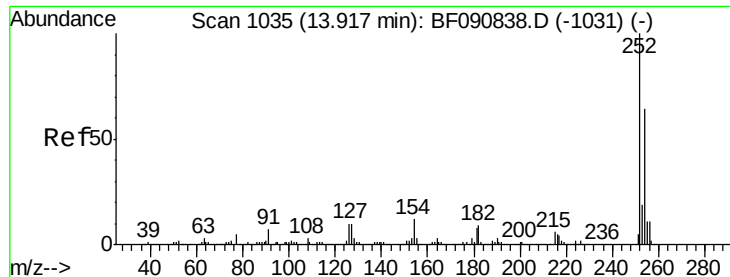
#80
Benzo(a)anthracene
Concen: 42.69 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:228 Resp: 1146706
Ion Ratio Lower Upper
228 100
226 27.6 20.0 30.0
229 20.1 15.4 23.2



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





#81

3,3'-Dichlorobenzidine

Concen: 38.43 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

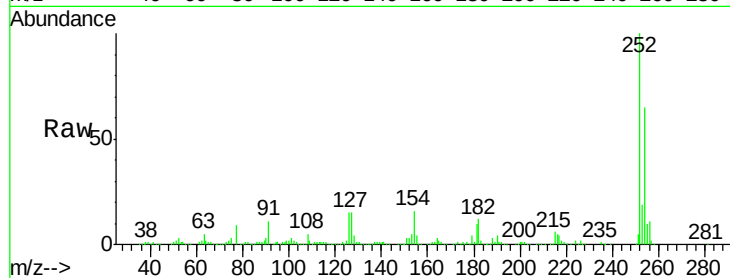
Tgt Ion:252 Resp: 400720

Ion Ratio Lower Upper

252 100

254 65.2 51.4 77.2

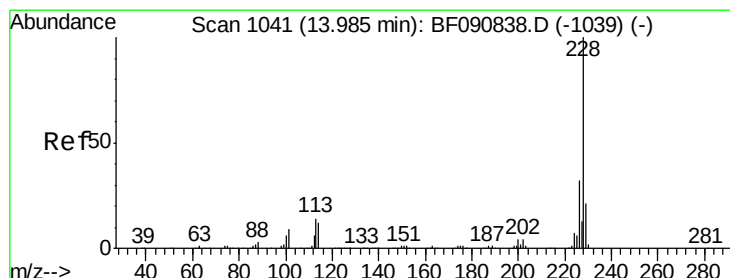
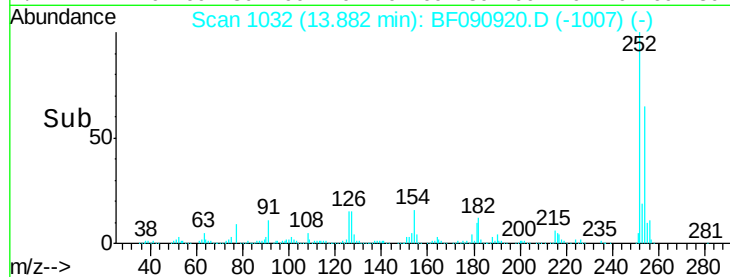
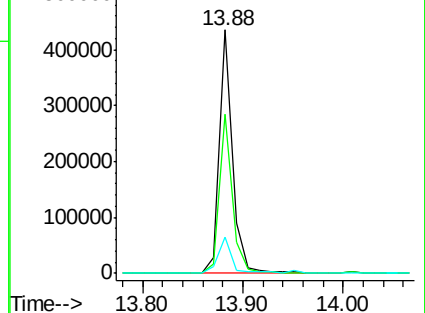
126 15.0 16.4 24.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.21 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF090920.D

Acq: 28 Oct 2016 20:44

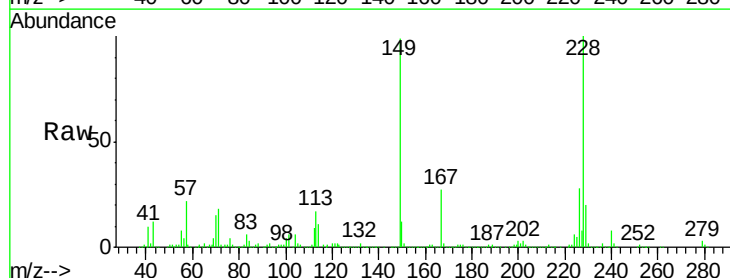
Tgt Ion:228 Resp: 1146706

Ion Ratio Lower Upper

228 100

226 27.6 21.0 31.4

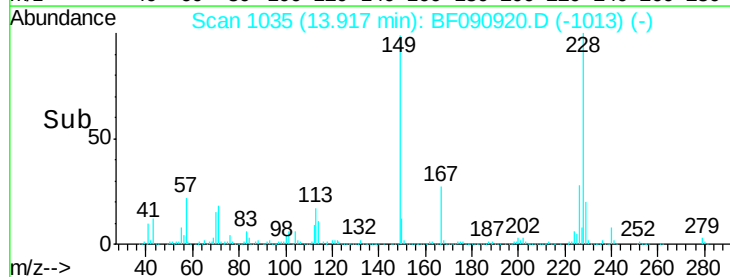
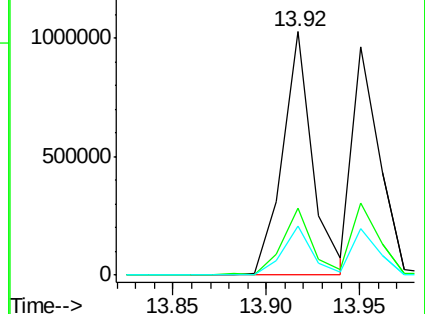
229 20.1 15.6 23.4

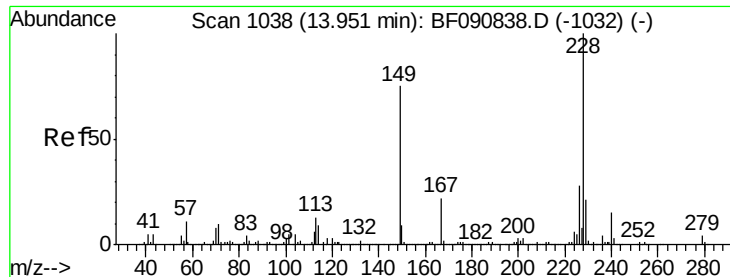


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

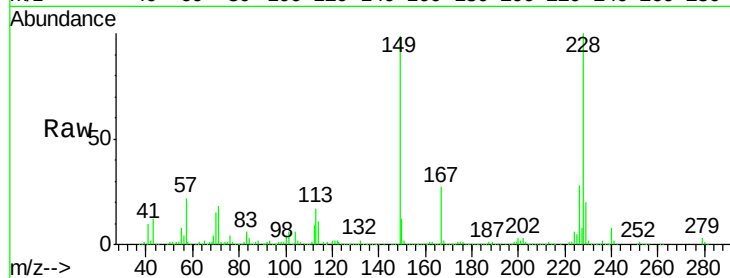




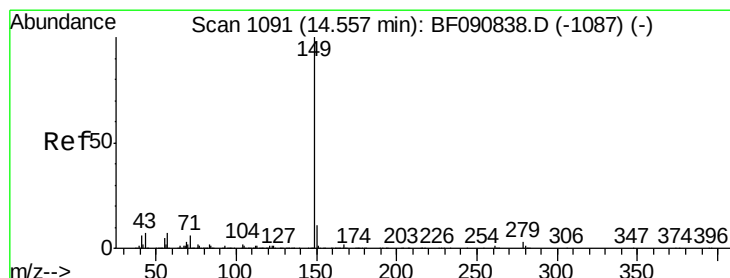
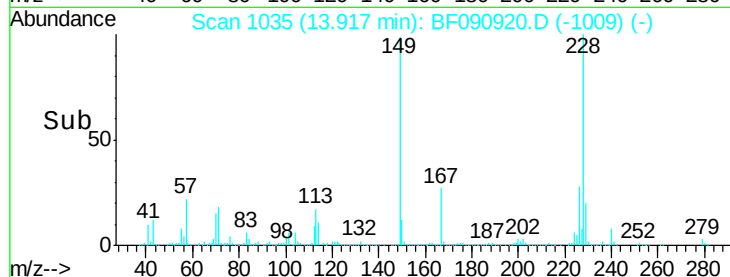
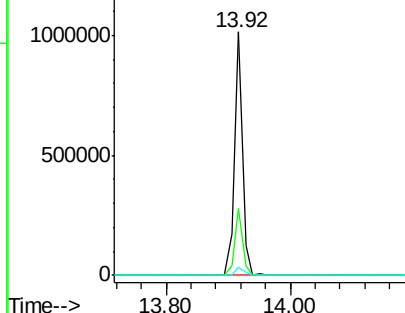
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.20 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 912179
 Ion Ratio Lower Upper
 149 100
 167 27.3 24.2 36.2
 279 3.2 3.8 5.6#

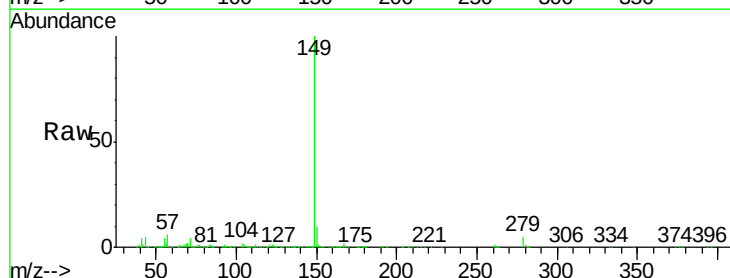


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

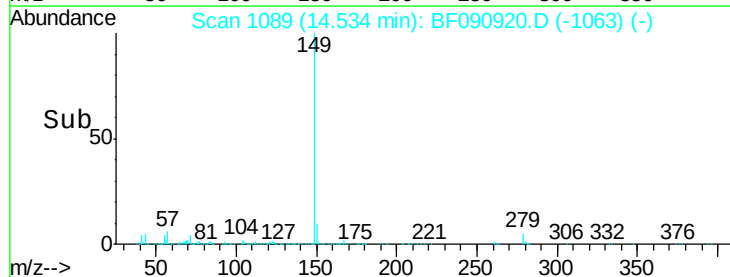
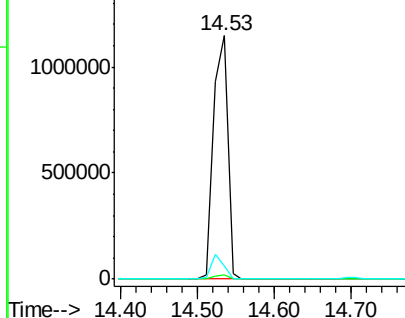


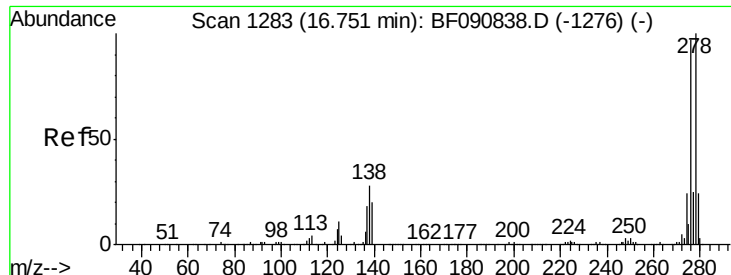
#84
 Di-n-octyl phthalate
 Concen: 46.08 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:149 Resp: 1464496
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 9.0 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

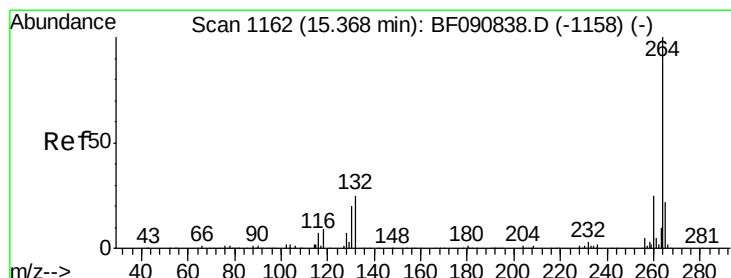
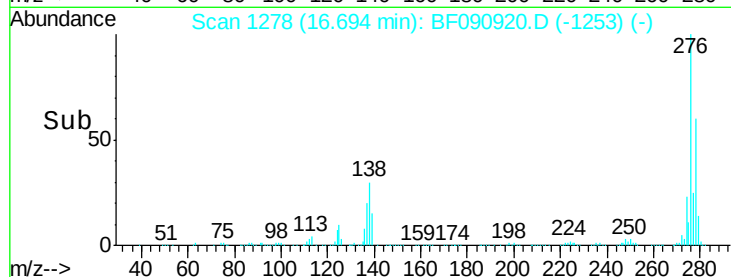
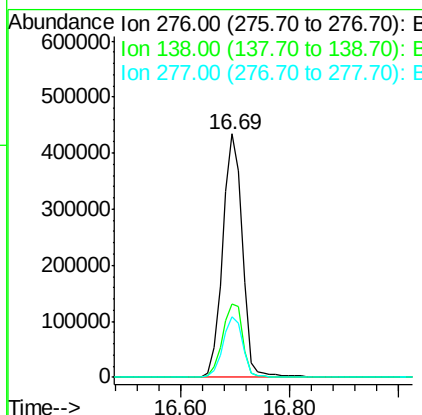
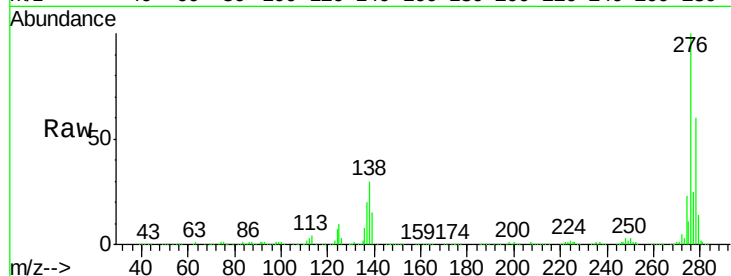




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.54 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

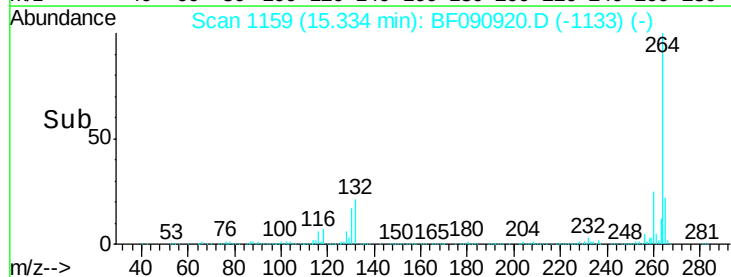
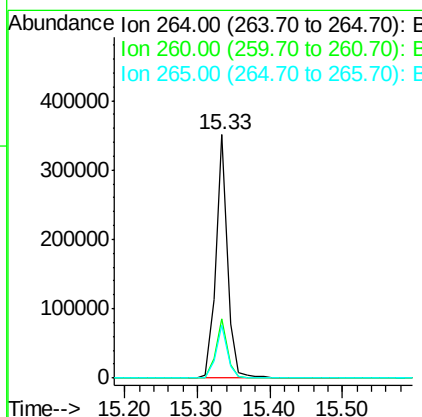
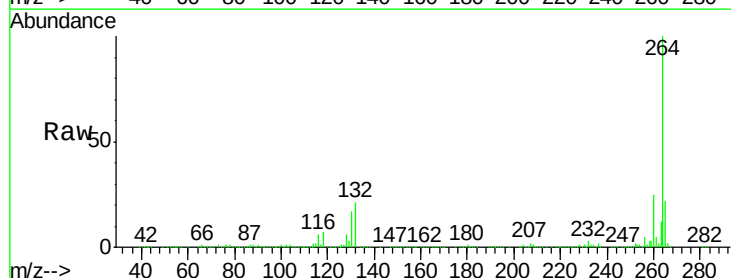
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

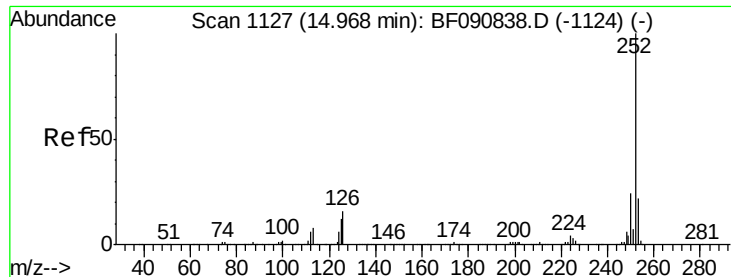
Tgt Ion:276 Resp: 1096333
 Ion Ratio Lower Upper
 276 100
 138 31.8 25.7 38.5
 277 25.2 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. 0.00 min
 Lab File: BF090920.D
 Acq: 28 Oct 2016 20:44

Tgt Ion:264 Resp: 390764
 Ion Ratio Lower Upper
 264 100
 260 24.5 16.7 25.1
 265 21.5 17.2 25.8

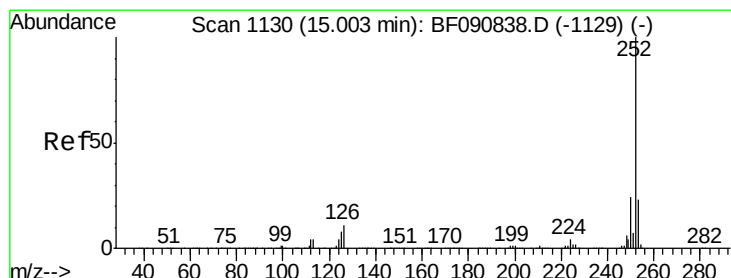
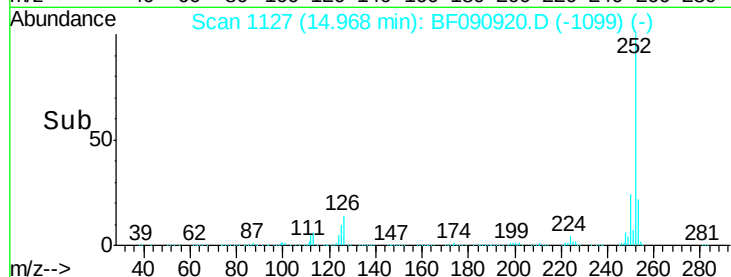
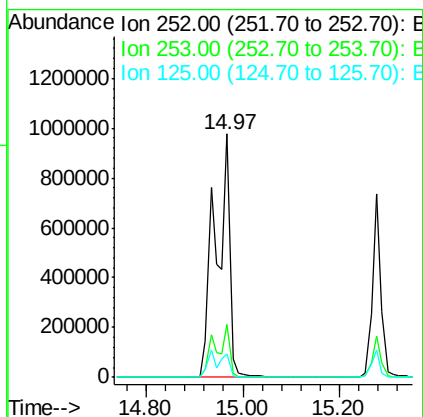
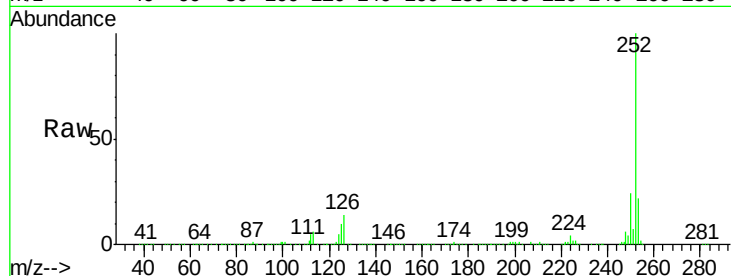




#87
Benzo(b)fluoranthene
Concen: 76.12 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

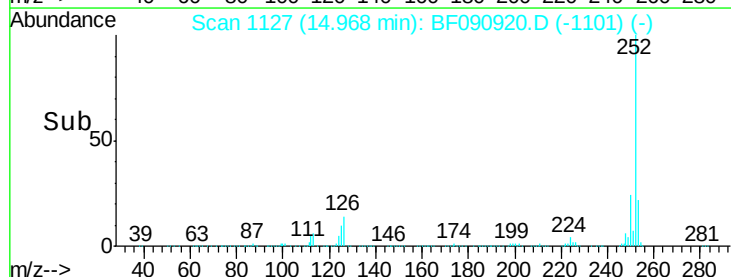
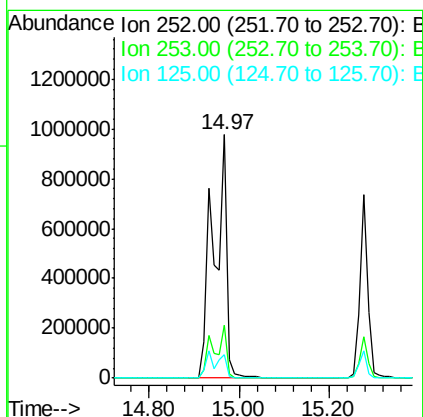
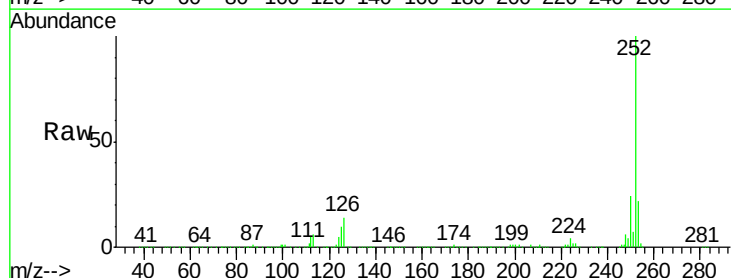
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

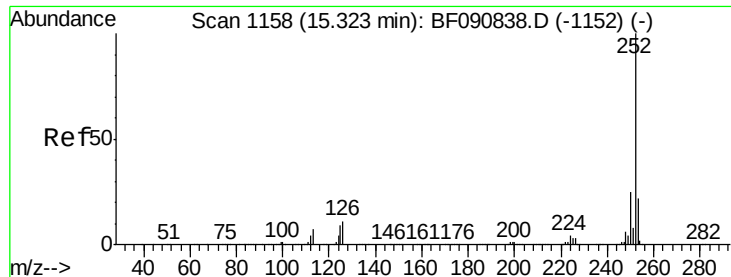
Tgt Ion:252 Resp: 2000046
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 96.38 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion:252 Resp: 2001307
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.8 16.0 24.0#

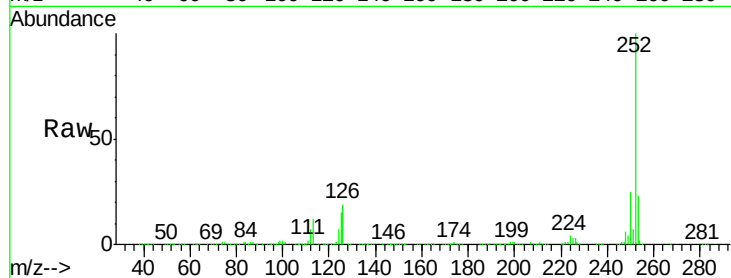




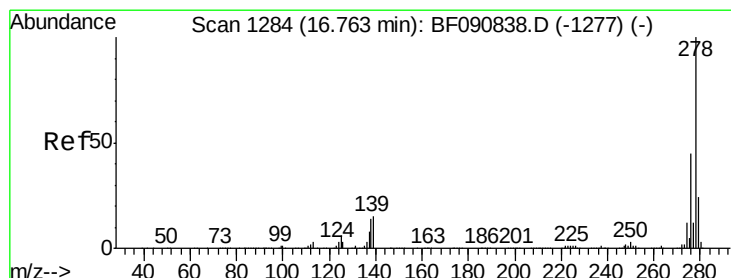
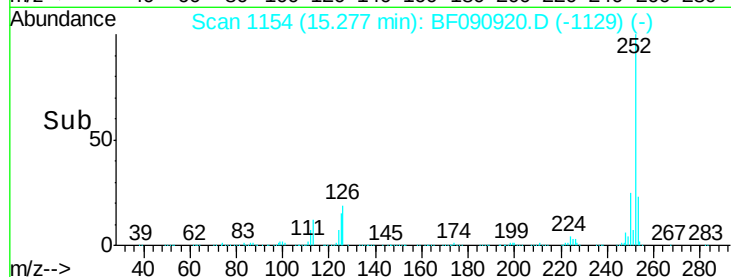
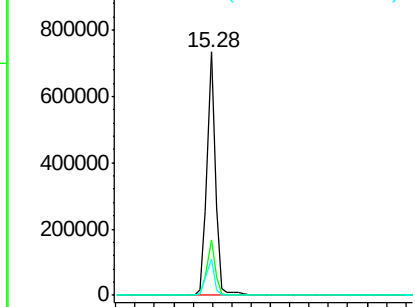
#89
Benzo(a)pyrene
Concen: 40.35 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	14.7	18.0	27.0#

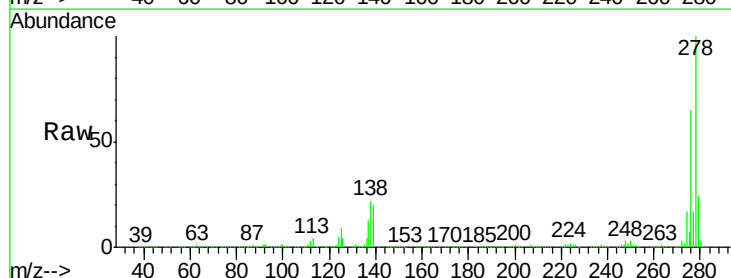


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

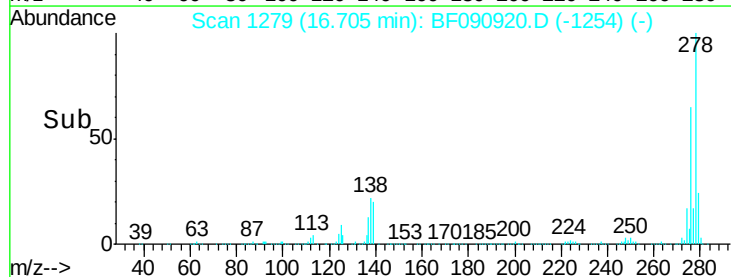
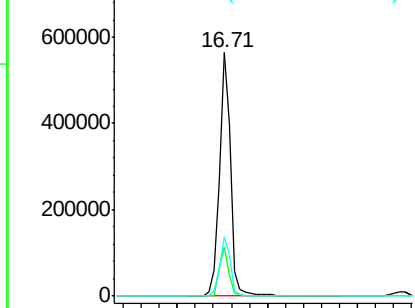


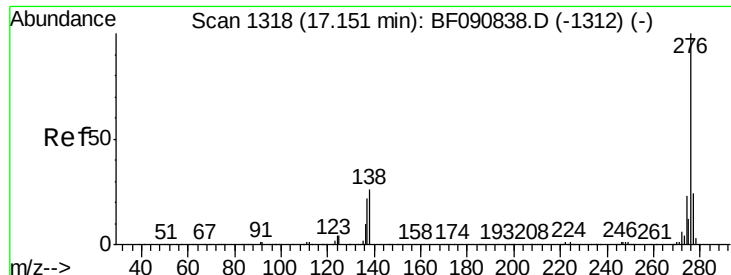
#90
Dibenzo(a,h)anthracene
Concen: 50.70 ng
RT: 16.71 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090920.D
Acq: 28 Oct 2016 20:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	26.3	39.5#
279	24.2	18.2	27.4



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: 50.12 ng

RT: 17.11 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF090920.D

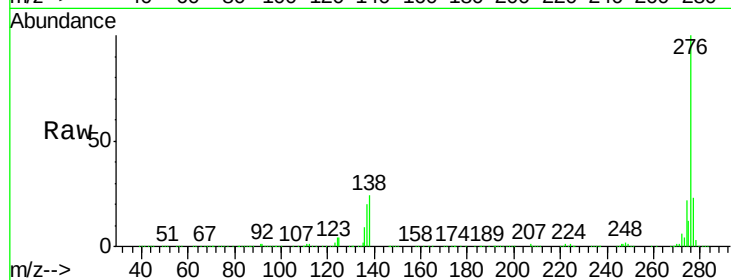
Acq: 28 Oct 2016 20:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 276 Resp: 902243

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 23.5 34.6 51.8#

