

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091201.D
 Acq On : 16 Nov 2016 21:17
 Operator : UM/SJ
 Sample : H5636-11MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Quant Time: Nov 16 23:55:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	180405	20.00	ng	-0.03
21) Naphthalene-d8	7.92	136	816952	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	430407	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	681236	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	495944	20.00	ng	-0.03
86) Perylene-d12	15.15	264	353286	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	760088	69.58	ng	-0.03
7) Phenol-d6	6.28	99	635319	42.85	ng	-0.03
23) Nitrobenzene-d5	7.20	82	1385750	92.53	ng	-0.05
41) 2,4,6-Tribromophenol	10.46	330	630849	162.12	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	2531838	101.27	ng	-0.03
78) Terphenyl-d14	12.74	244	2453039	123.43	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.12	88	98860	15.82	ng	# 92
3) Pyridine	2.77	79	230188	15.75	ng	97
4) n-Nitrosodimethylamine	2.72	42	113809	19.68	ng	89
6) Aniline	6.28	93	432782	24.75	ng	96
8) 2-Chlorophenol	6.41	128	562028	43.13	ng	91
9) Benzaldehyde	6.17	77	60955	7.41	ng	94
10) Phenol	6.29	94	279711	17.05	ng	84
11) bis(2-Chloroethyl)ether	6.36	93	667751	48.29	ng	95
12) 1,3-Dichlorobenzene	6.56	146	647120	49.11	ng	96
13) 1,4-Dichlorobenzene	6.64	146	671041	47.46	ng	96
14) 1,2-Dichlorobenzene	6.80	146	646605	49.83	ng	96
15) Benzyl Alcohol	6.78	79	330598	31.61	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	858863	43.38	ng	56
17) 2-Methylphenol	6.91	107	365934	35.48	ng	# 88
18) Hexachloroethane	7.13	117	322948	59.02	ng	# 88
19) n-Nitroso-di-n-propylamine	7.06	70	550394	53.57	ng	94
20) 3+4-Methylphenols	7.07	107	429109	34.65	ng	98
22) Acetophenone	7.05	105	985281	52.38	ng	# 93
24) Nitrobenzene	7.22	77	828116	50.07	ng	99
25) Isophorone	7.46	82	1501847	52.04	ng	100
26) 2-Nitrophenol	7.54	139	387701	55.39	ng	# 72
27) 2,4-Dimethylphenol	7.60	122	528155	45.63	ng	96
28) bis(2-Chloroethoxy)methane	7.68	93	874778	55.49	ng	99
29) 2,4-Dichlorophenol	7.79	162	525422	52.01	ng	93
30) 1,2,4-Trichlorobenzene	7.86	180	610063	53.71	ng	99
31) Naphthalene	7.94	128	2473995	63.32	ng	98
32) Benzoic acid	7.72	122	90860	14.07	ng	94
33) 4-Chloroaniline	8.00	127	325431	20.03	ng	96
34) Hexachlorobutadiene	8.05	225	321896	52.50	ng	98
35) Caprolactam	8.42	113	14574	4.59	ng	87
36) 4-Chloro-3-methylphenol	8.49	107	549351	44.92	ng	88
37) 2-Methylnaphthalene	8.62	142	1378372	54.88	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	592170	53.96	ng	100
40) Hexachlorocyclopentadiene	8.78	237	408494	94.60	ng	97

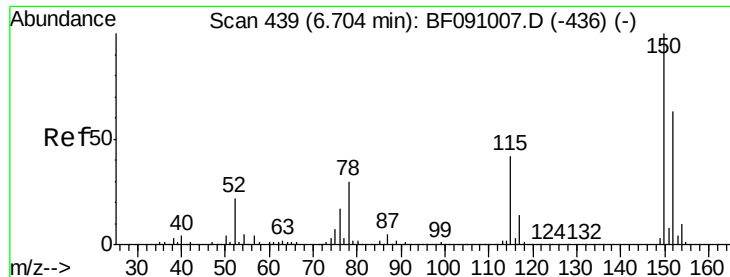
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091201.D
 Acq On : 16 Nov 2016 21:17
 Operator : UM/SJ
 Sample : H5636-11MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Quant Time: Nov 16 23:55:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	406091	57.32	ng	97
43) 2,4,5-Trichlorophenol	8.97	196	383636	51.58	ng #	91
45) 1,1'-Biphenyl	9.09	154	1465661	46.64	ng	100
46) 2-Chloronaphthalene	9.12	162	1199723	50.28	ng	99
47) 2-Nitroaniline	9.23	65	474239	53.56	ng	90
48) Acenaphthylene	9.53	152	1735543	46.67	ng	97
49) Dimethylphthalate	9.41	163	1568976	55.59	ng	100
50) 2,6-Dinitrotoluene	9.47	165	305848	50.57	ng	87
51) Acenaphthene	9.70	154	1138049	48.75	ng	99
52) 3-Nitroaniline	9.64	138	140220	19.55	ng	84
53) 2,4-Dinitrophenol	9.76	184	317980	95.22	ng	94
54) Dibenzofuran	9.87	168	1723694	54.85	ng	98
55) 4-Nitrophenol	9.87	139	843730	169.71	ng #	5
56) 2,4-Dinitrotoluene	9.88	165	481776	62.60	ng #	92
57) Fluorene	10.21	166	1244033	48.43	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	328114	56.31	ng #	99
59) Diethylphthalate	10.11	149	1595975	55.16	ng	97
60) 4-Chlorophenyl-phenylether	10.21	204	613112	52.44	ng	94
61) 4-Nitroaniline	10.26	138	310010	42.73	ng	98
62) Azobenzene	10.37	77	1690299	49.62	ng	98
64) 4,6-Dinitro-2-methylphenol	10.29	198	229297	54.97	ng	93
65) n-Nitrosodiphenylamine	10.34	169	1318114	60.87	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	401305	56.63	ng	94
67) Hexachlorobenzene	10.76	284	451051	57.71	ng	98
68) Atrazine	10.88	200	325134	52.05	ng	97
69) Pentachlorophenol	10.97	266	458601	132.49	ng	100
70) Phenanthrene	11.17	178	2074467	57.28	ng	98
71) Anthracene	11.22	178	1990251	51.69	ng	99
72) Carbazole	11.39	167	1880021	54.19	ng	97
73) Di-n-butylphthalate	11.72	149	2085034	47.78	ng #	98
74) Fluoranthene	12.35	202	1857986	49.47	ng	97
76) Benzidine	12.49	184	224460	20.26	ng	98
77) Pyrene	12.58	202	1787194	55.03	ng	99
79) Butylbenzylphthalate	13.21	149	948201	61.03	ng	98
80) Benzo(a)anthracene	13.77	228	1576556	55.99	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	313010	31.64	ng #	96
82) Chrysene	13.80	228	1538492	55.41	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	1250039	59.46	ng #	94
84) Di-n-octyl phthalate	14.39	149	1972799	57.07	ng	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	1196986	51.96	ng	95
87) Benzo(b)fluoranthene	14.77	252	2667252	111.32	ng #	97
88) Benzo(k)fluoranthene	14.77	252	2668155	126.94	ng	98
89) Benzo(a)pyrene	15.09	252	1141058	54.70	ng #	96
90) Dibenzo(a,h)anthracene	16.43	278	1016086	56.35	ng	96
91) Benzo(g,h,i)perylene	16.80	276	959421	58.83	ng	95

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

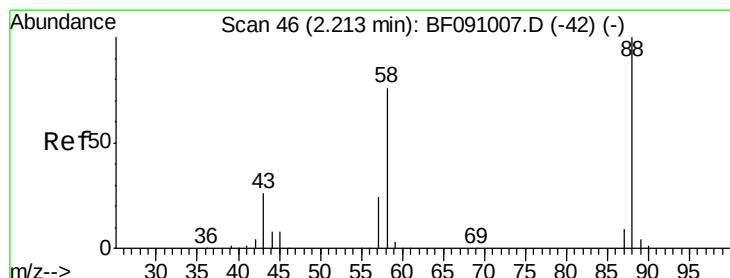
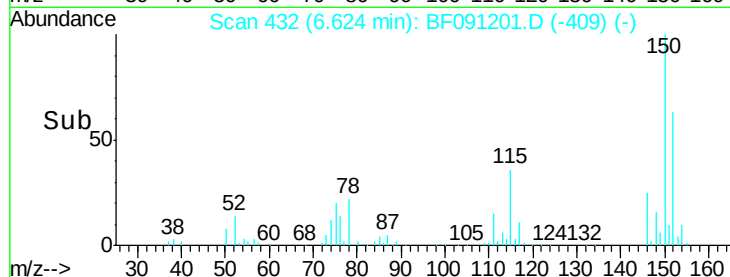
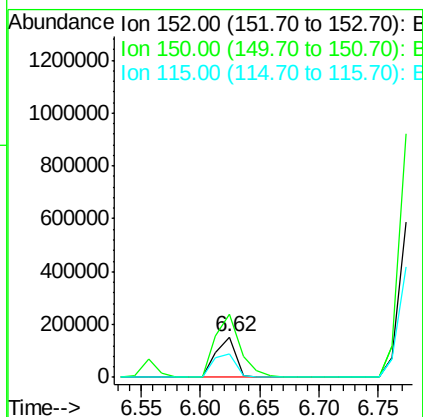
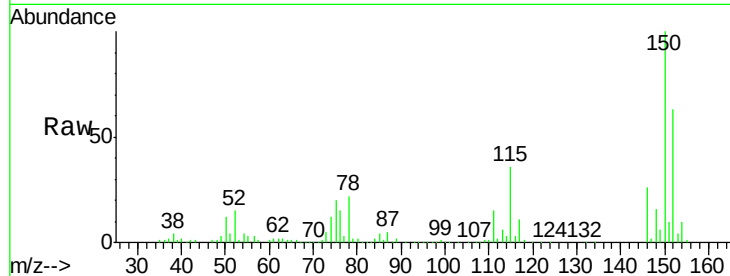


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

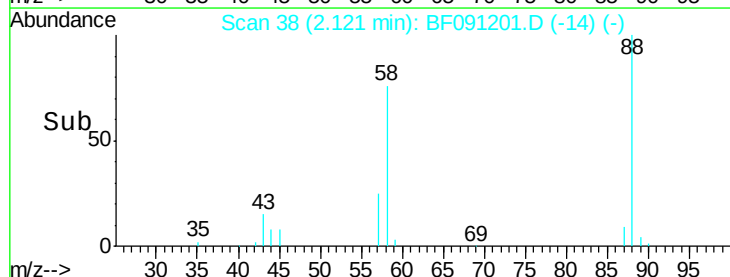
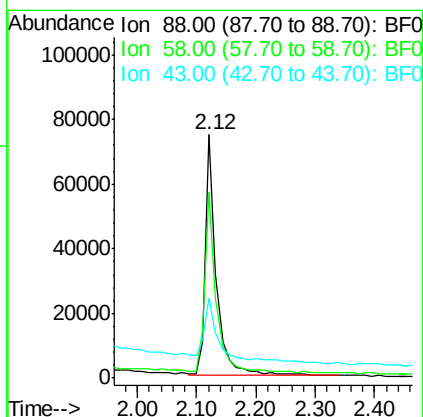
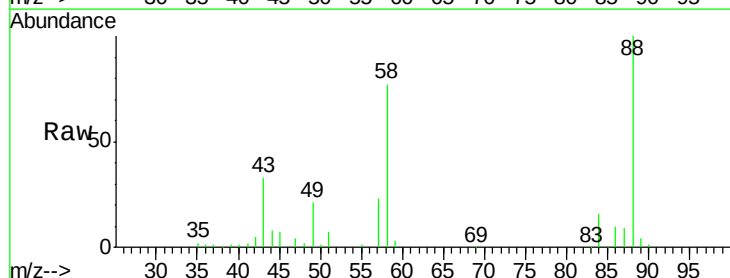
Tgt Ion:152 Resp: 180405
Ion Ratio Lower Upper
152 100
150 158.4 126.8 190.2
115 57.5 53.3 79.9

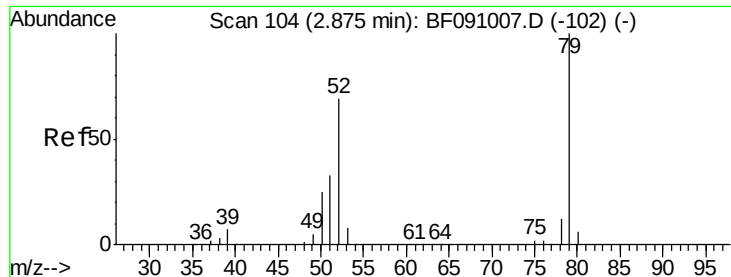


#2

1,4-Dioxane
Concen: 15.82 ng
RT: 2.12 min Scan# 38
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion: 88 Resp: 98860
Ion Ratio Lower Upper
88 100
58 79.1 63.8 95.6
43 43.4 22.6 33.8#





#3

Pyridine

Concen: 15.75 ng

RT: 2.77 min Scan# 95

Delta R.T. -0.01 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

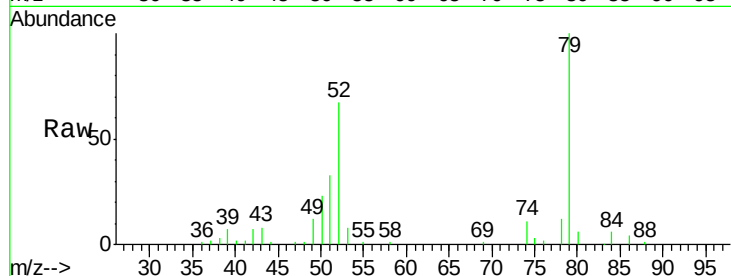
Tgt Ion: 79 Resp: 230188

Ion Ratio Lower Upper

79 100

52 66.6 55.4 83.0

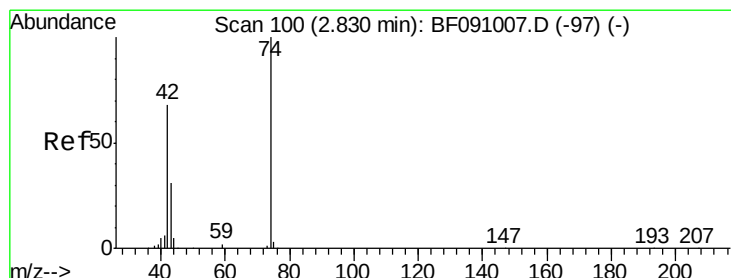
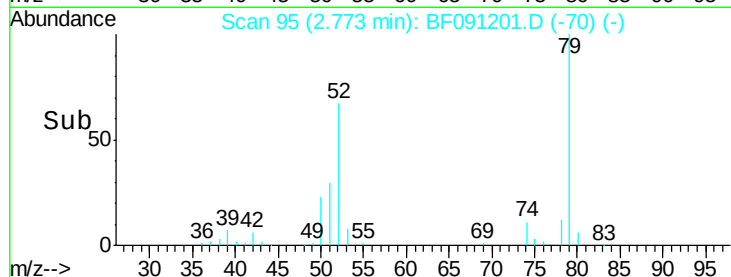
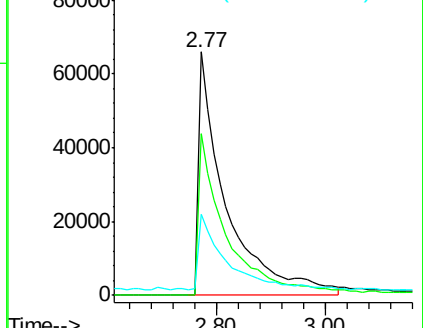
51 33.5 27.4 41.0



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: 19.68 ng

RT: 2.72 min Scan# 90

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

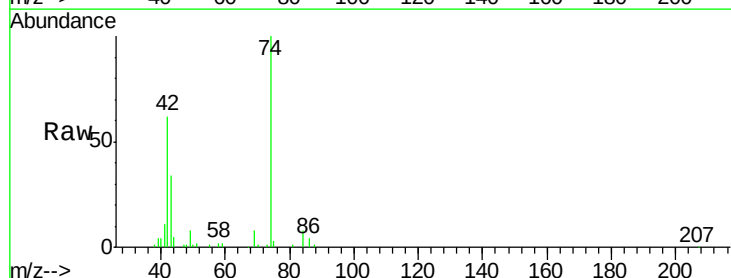
Tgt Ion: 42 Resp: 113809

Ion Ratio Lower Upper

42 100

74 161.2 117.3 175.9

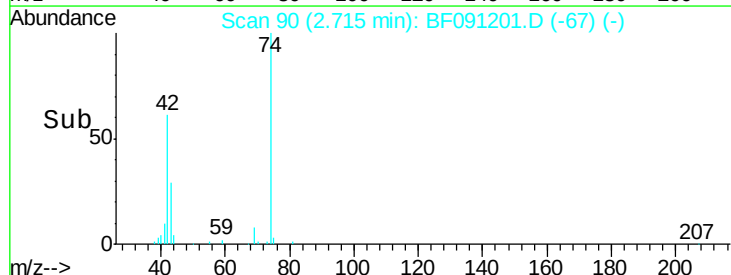
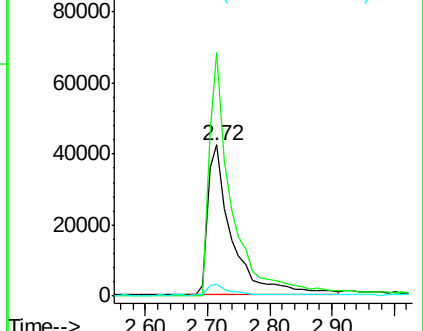
44 7.7 5.8 8.8

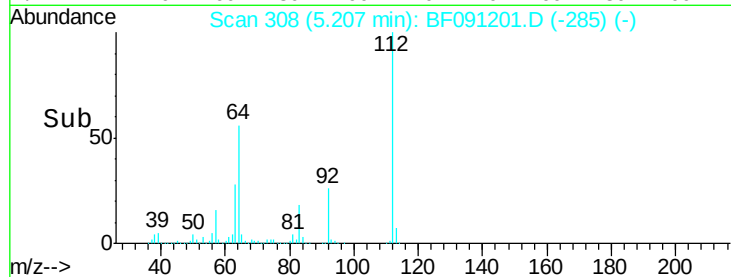
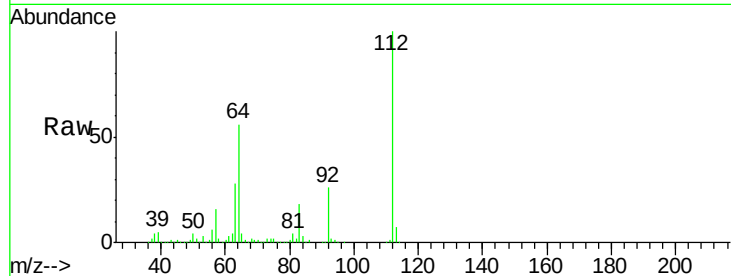
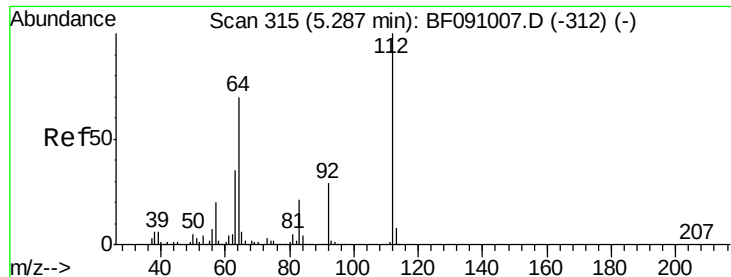


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.58 ng

RT: 5.21 min Scan# 308

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

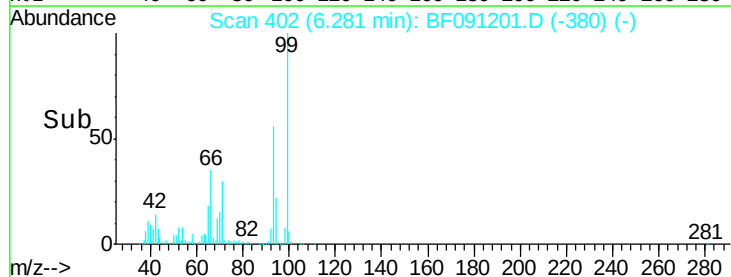
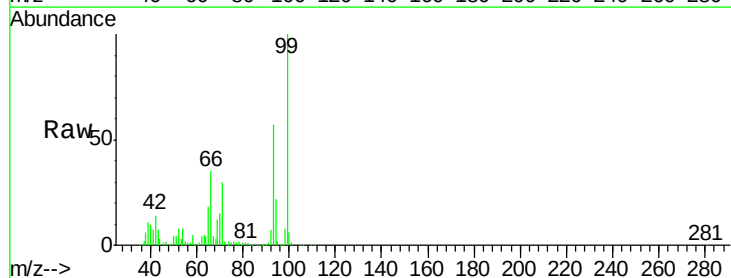
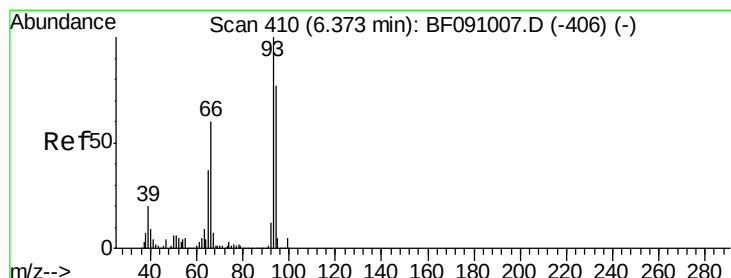
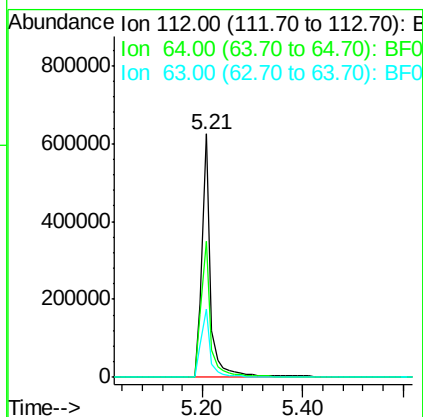
Tgt Ion: 112 Resp: 760088

Ion Ratio Lower Upper

112 100

64 56.1 55.8 83.6

63 28.0 28.0 42.0#



#6

Aniline

Concen: 24.75 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

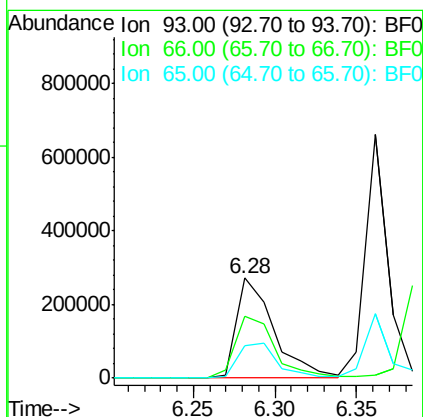
Tgt Ion: 93 Resp: 432782

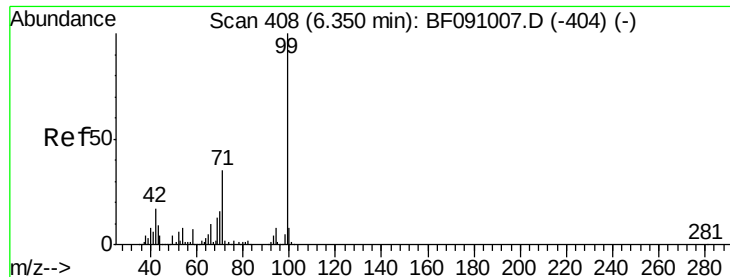
Ion Ratio Lower Upper

93 100

66 61.8 48.2 72.2

65 32.3 29.4 44.0





#7

Phenol-d6

Concen: 42.85 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

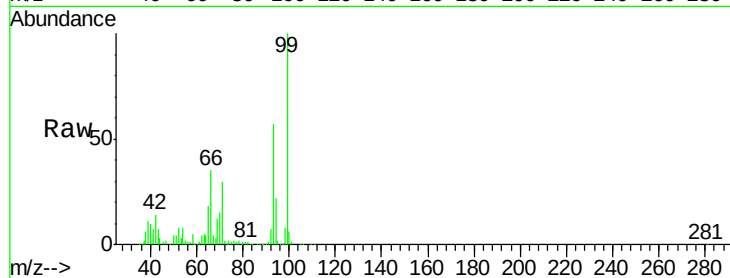
Tgt Ion: 99 Resp: 635319

Ion Ratio Lower Upper

99 100

42 13.9 13.9 20.9

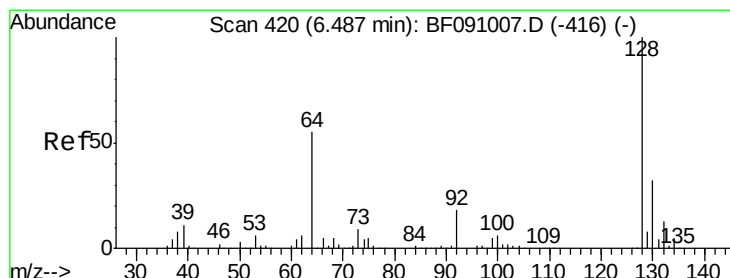
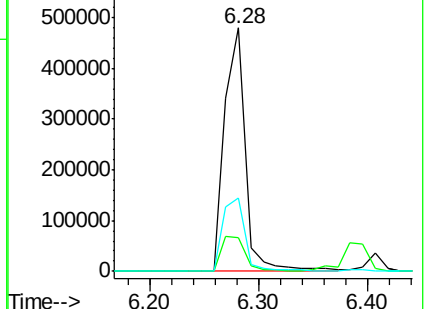
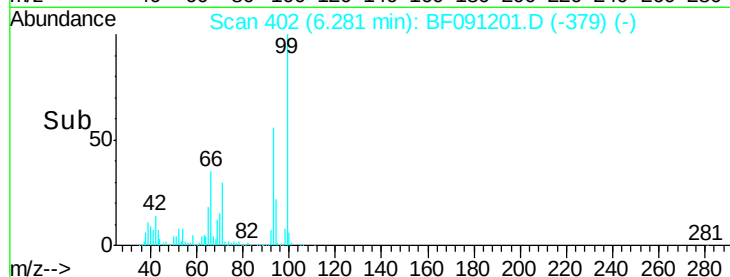
71 30.0 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.13 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

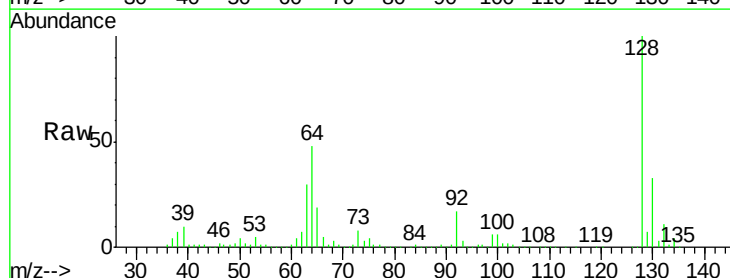
Tgt Ion: 128 Resp: 562028

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

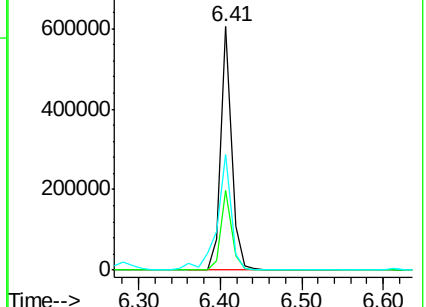
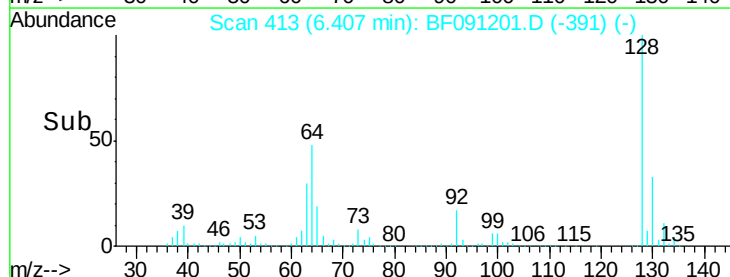
64 47.6 37.2 77.2

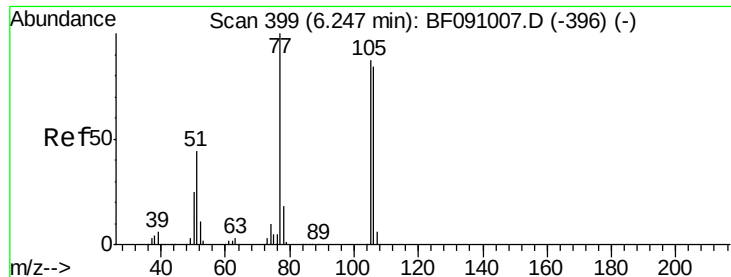


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.41 ng

RT: 6.17 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

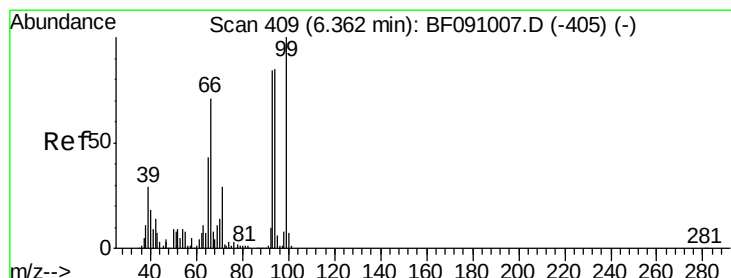
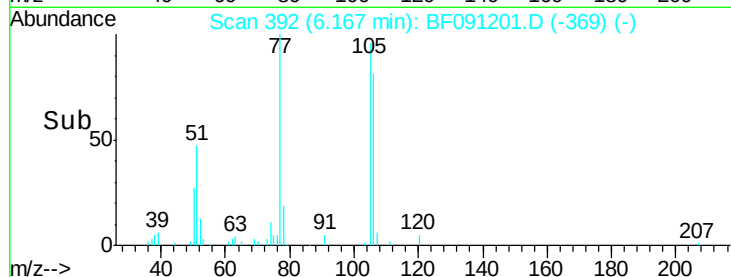
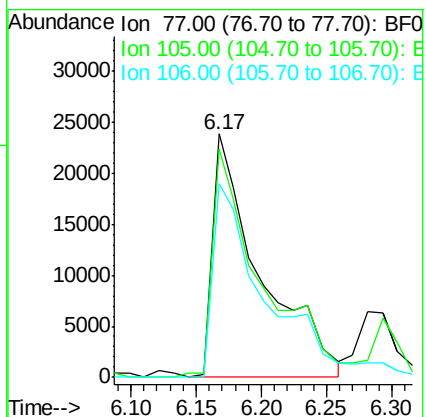
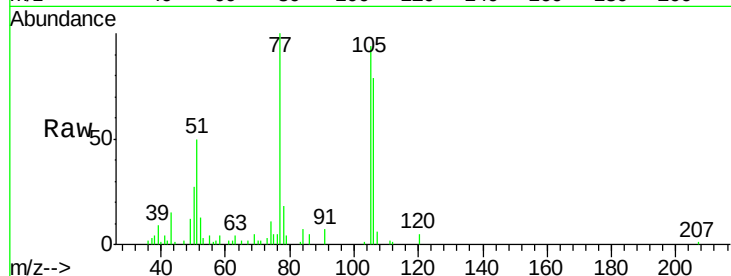
Tgt Ion: 77 Resp: 60955

Ion Ratio Lower Upper

77 100

105 93.7 66.8 106.8

106 79.4 64.0 104.0



#10

Phenol

Concen: 17.05 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

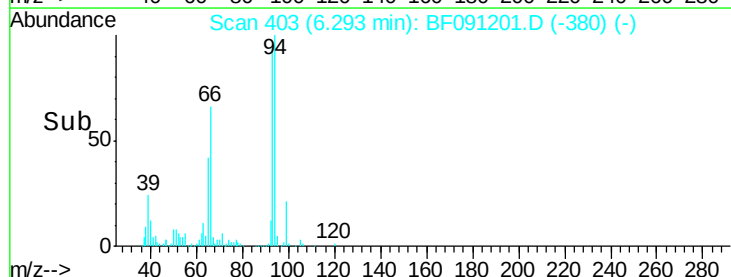
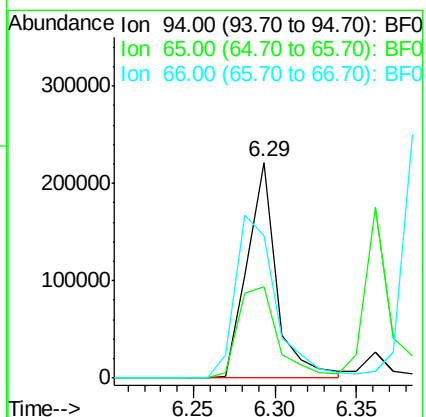
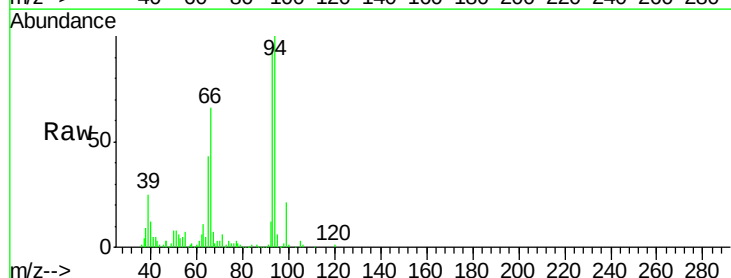
Tgt Ion: 94 Resp: 279711

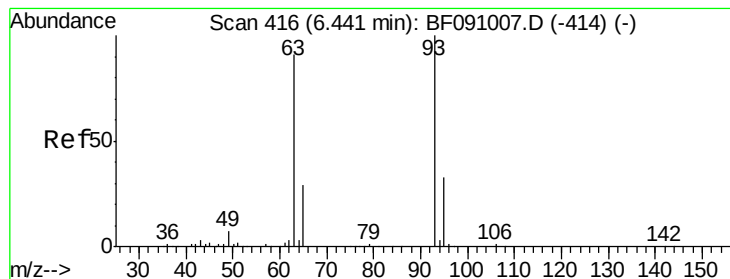
Ion Ratio Lower Upper

94 100

65 42.6 30.4 70.4

66 66.2 62.9 102.9





#11

bis(2-Chloroethyl)ether

Concen: 48.29 ng

RT: 6.36 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

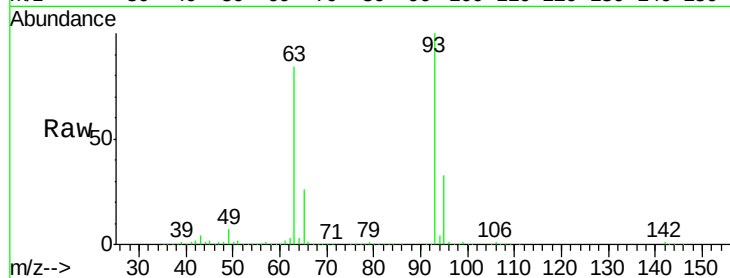
Tgt Ion: 93 Resp: 667751

Ion Ratio Lower Upper

93 100

63 83.6 68.9 108.9

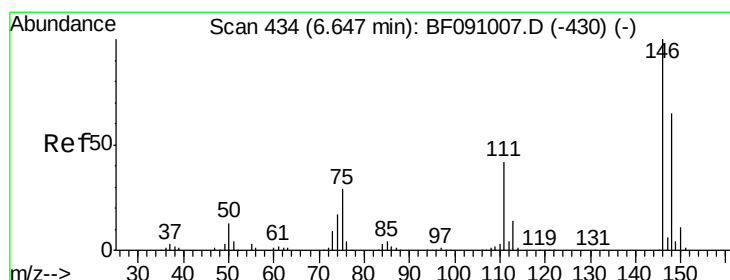
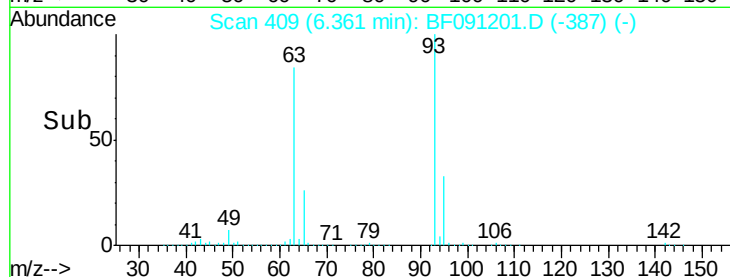
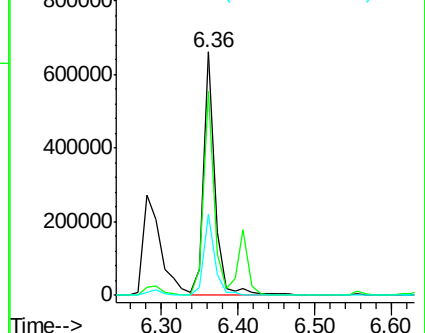
95 33.2 12.3 52.3



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: 49.11 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

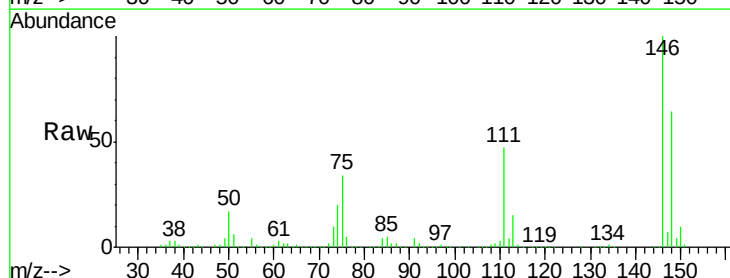
Tgt Ion: 146 Resp: 647120

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

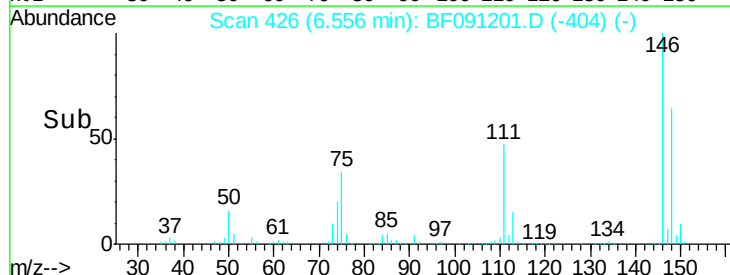
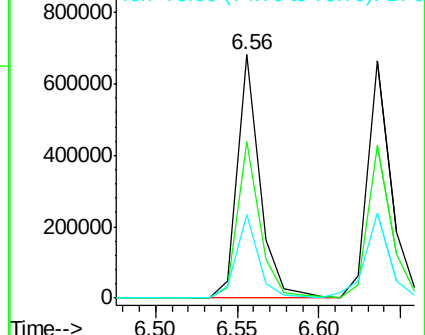
75 34.3 23.0 34.6

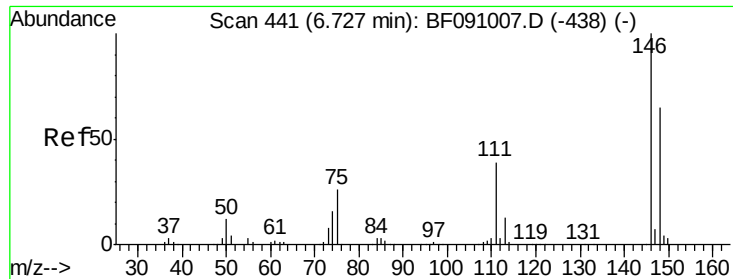


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

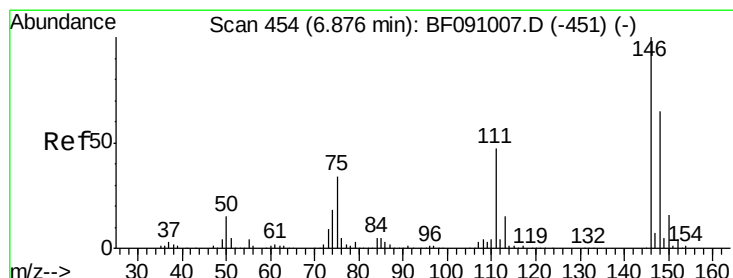
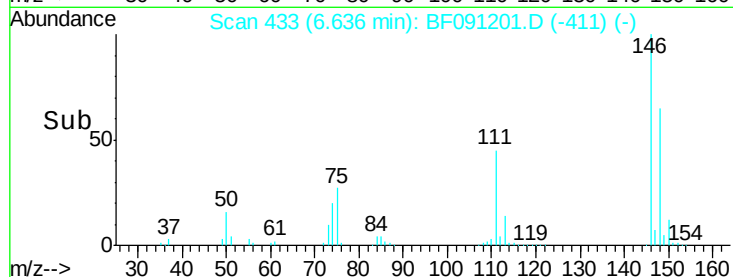
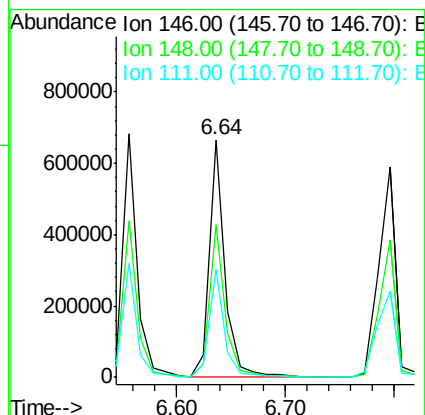
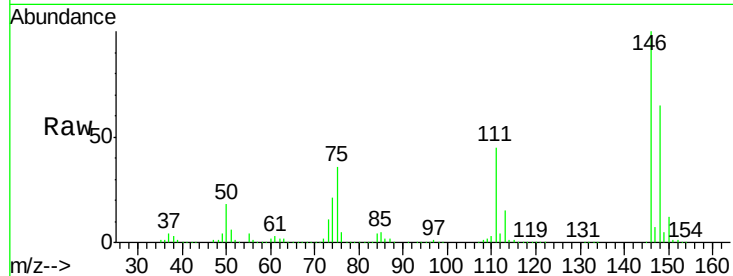




#13
 1,4-Dichlorobenzene
 Concen: 47.46 ng
 RT: 6.64 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

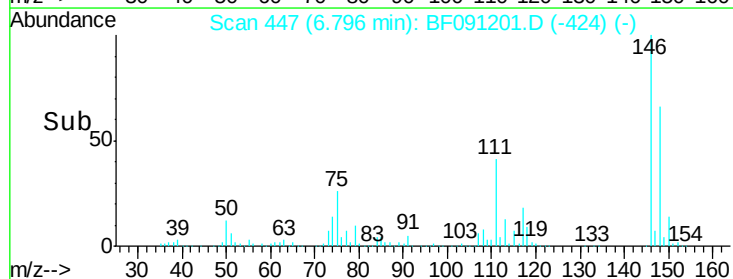
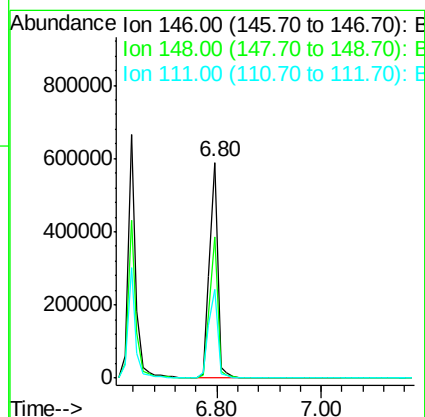
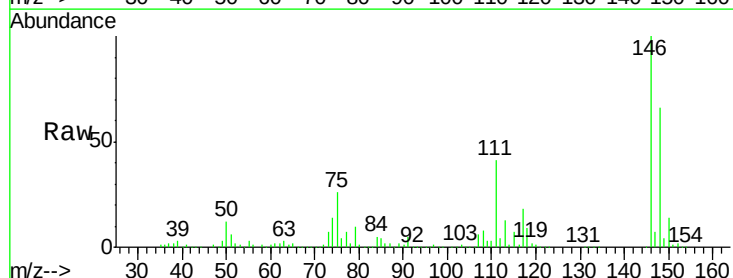
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

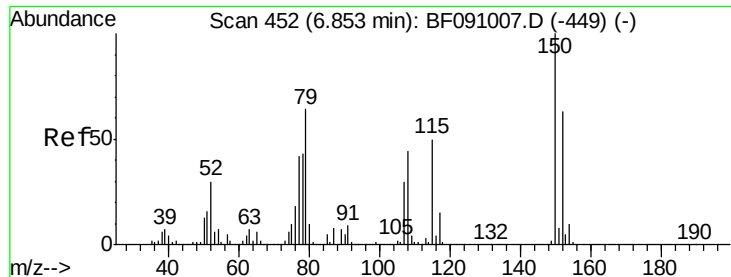
Tgt Ion:146 Resp: 671041
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.1 78.1
 111 45.3 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 49.83 ng
 RT: 6.80 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion:146 Resp: 646605
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.6 77.4
 111 40.9 37.3 55.9





#15

Benzyl Alcohol

Concen: 31.61 ng

RT: 6.78 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

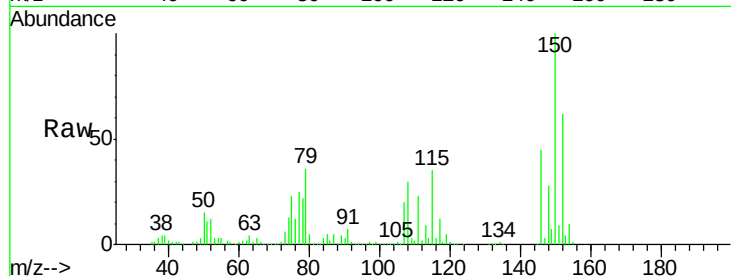
Tgt Ion: 79 Resp: 330598

Ion Ratio Lower Upper

79 100

108 82.8 55.7 83.5

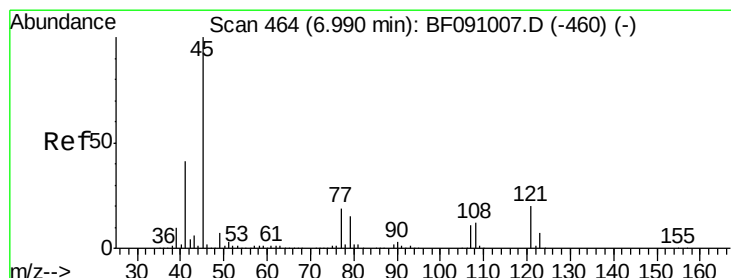
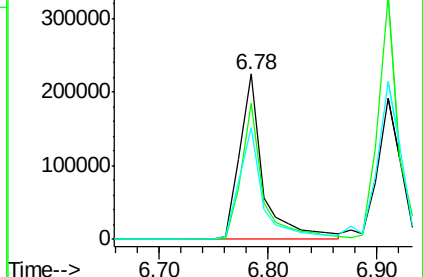
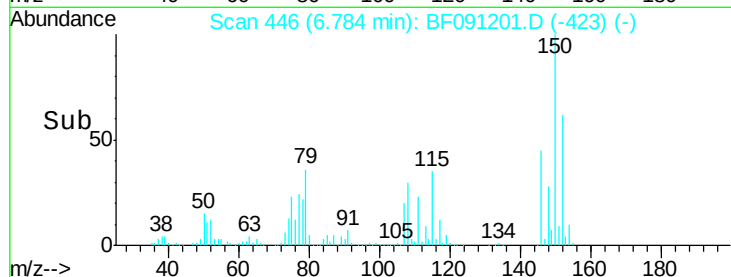
77 67.7 52.6 79.0



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: 43.38 ng

RT: 6.91 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

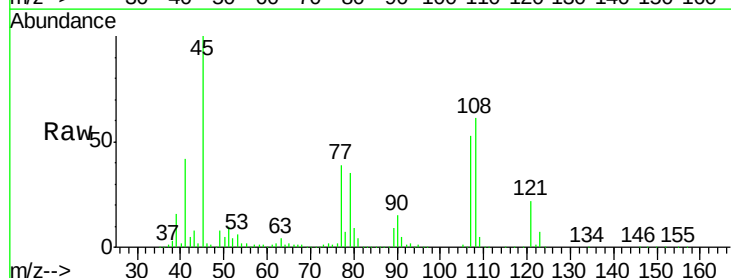
Tgt Ion: 45 Resp: 858863

Ion Ratio Lower Upper

45 100

77 39.5 0.0 39.6

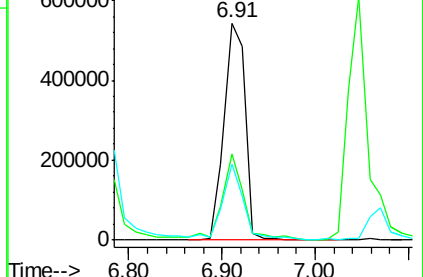
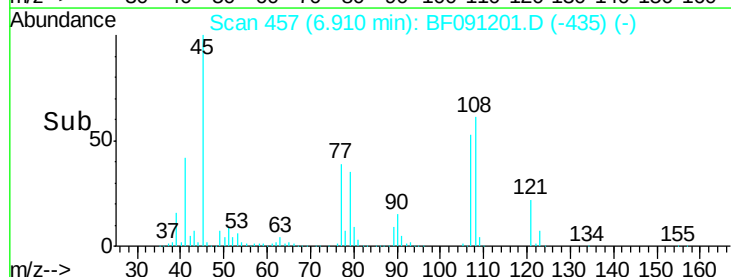
79 35.2 0.0 35.9

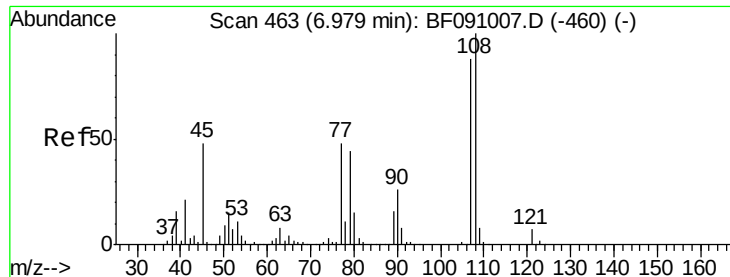


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

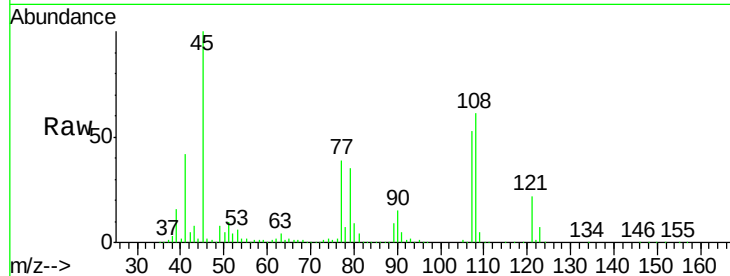




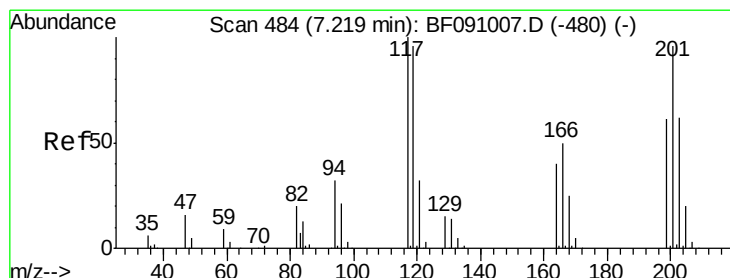
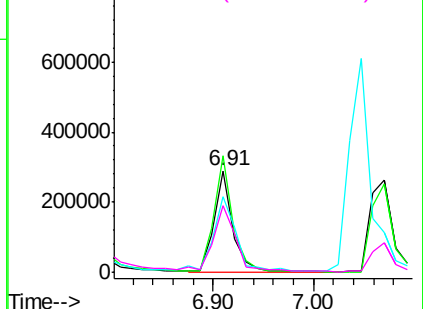
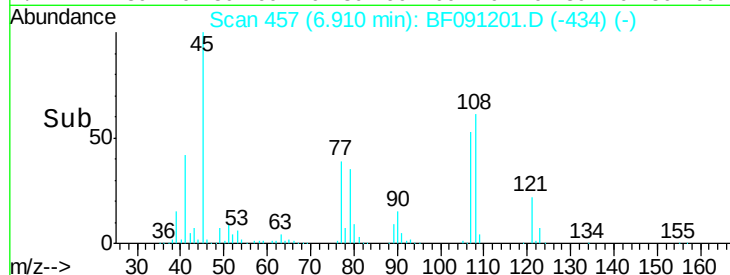
#17
2-Methylphenol
Concen: 35.48 ng
RT: 6.91 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.6
77	74.3	43.8	65.8#
79	66.3	40.6	60.8#

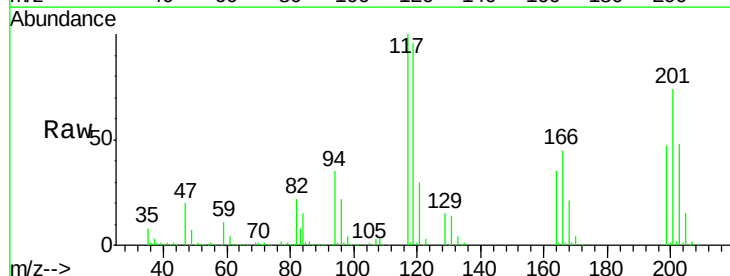


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

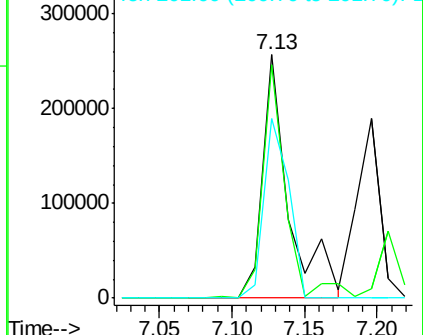
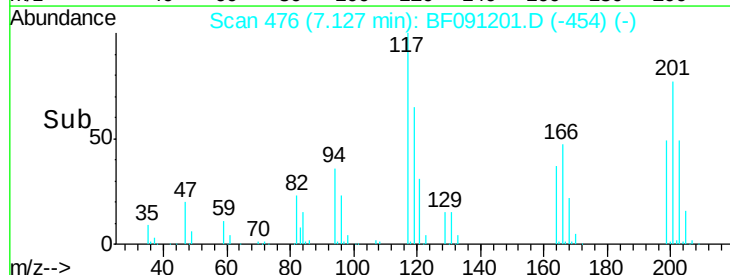


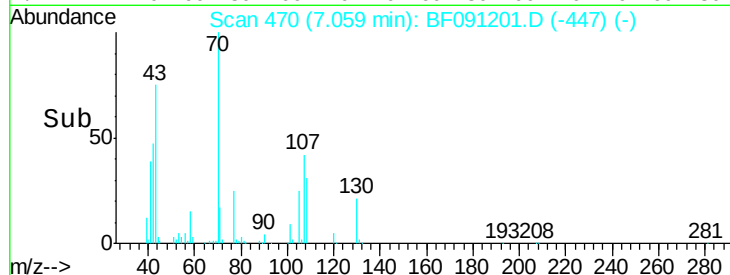
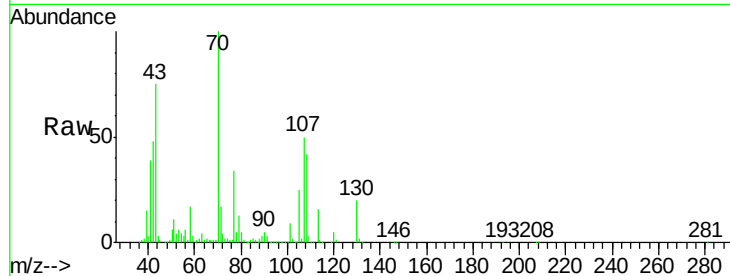
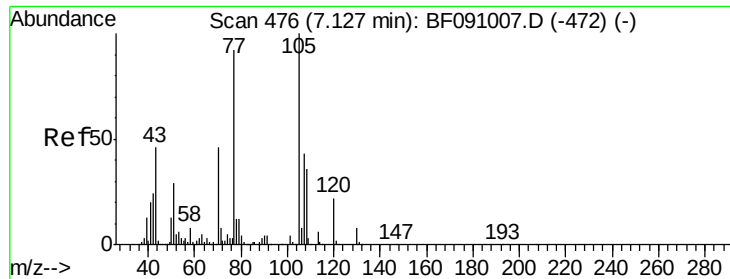
#18
Hexachloroethane
Concen: 59.02 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.05 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	115.0
201	73.8	77.1	115.7#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

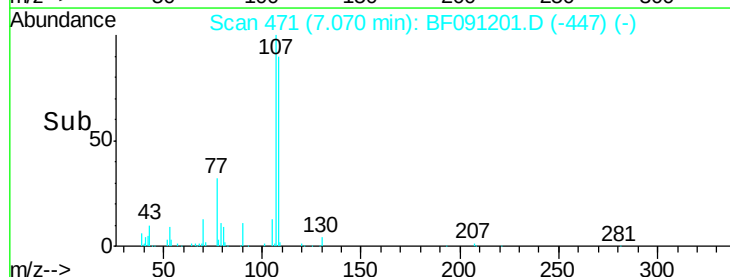
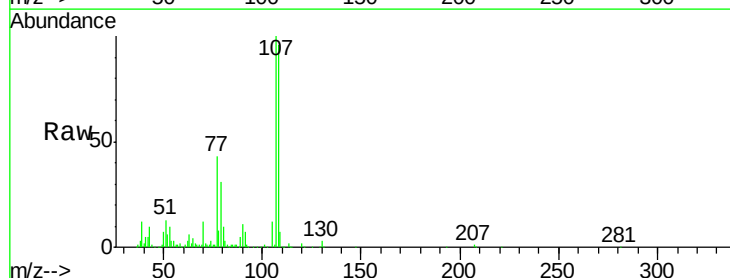
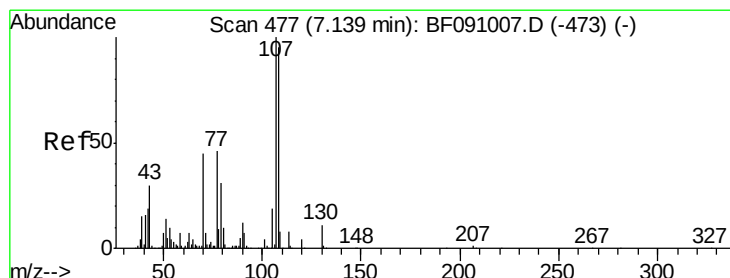
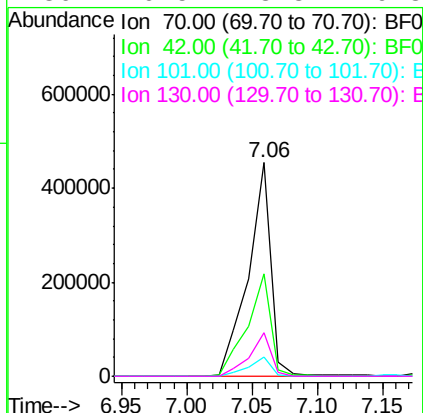




#19
n-Nitroso-di-n-propylamine
Concen: 53.57 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

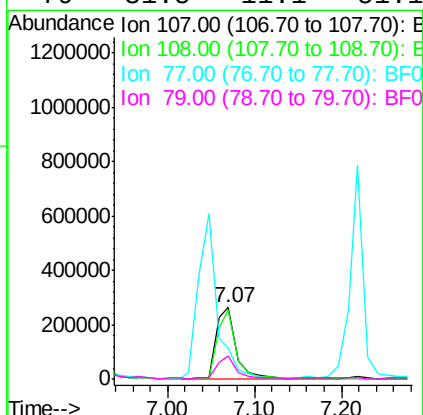
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

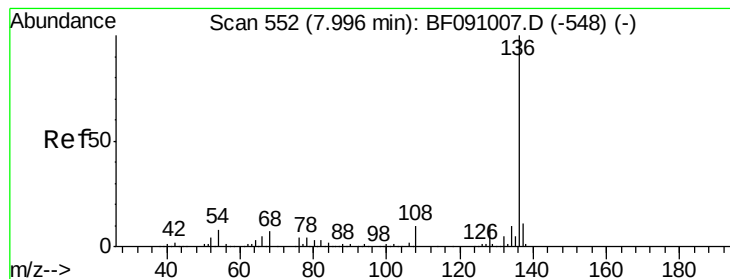
Tgt Ion:	70	Resp:	550394
Ion	Ratio	Lower	Upper
70	100		
42	47.7	41.7	62.5
101	9.3	6.7	10.1
130	20.5	13.8	20.8



#20
3+4-Methylphenols
Concen: 34.65 ng
RT: 7.07 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion:	107	Resp:	429109
Ion	Ratio	Lower	Upper
107	100		
108	96.5	75.5	115.5
77	42.9	26.4	66.4
79	31.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

Tgt Ion:136 Resp: 816952

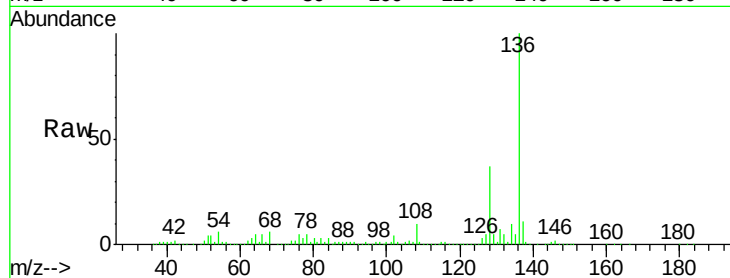
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 6.2 9.2

68 6.1 5.5 8.3

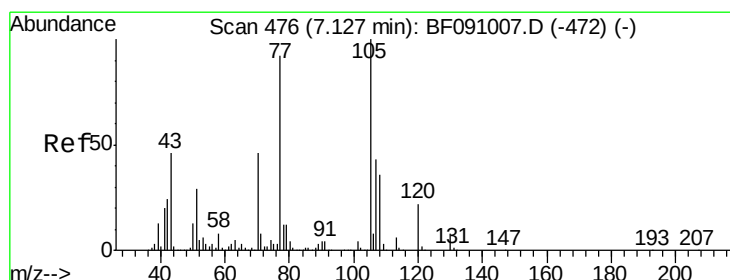
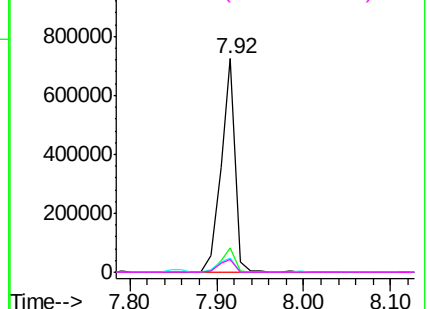
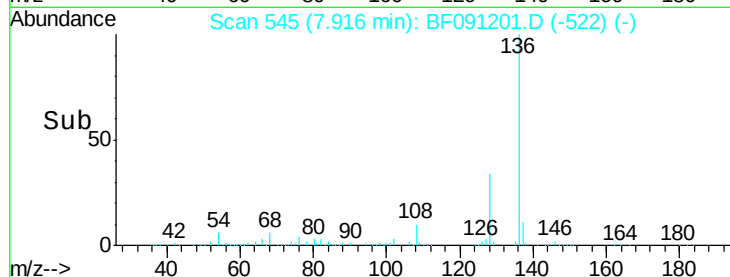


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 52.38 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Tgt Ion:105 Resp: 985281

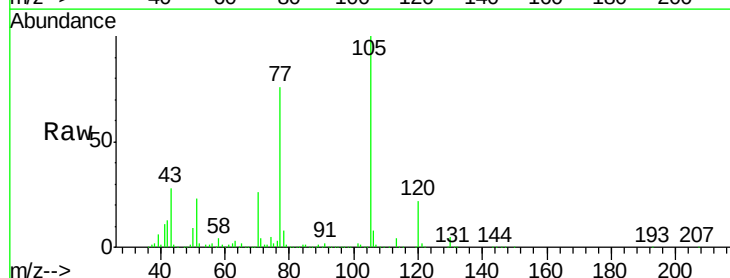
Ion Ratio Lower Upper

105 100

71 4.3 6.2 9.2#

51 22.7 23.3 34.9#

120 21.7 17.4 26.0

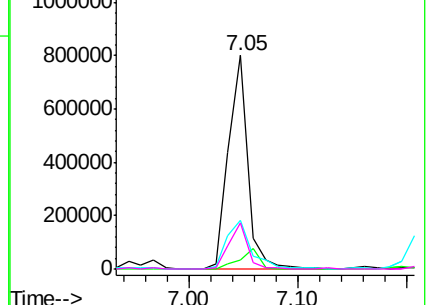
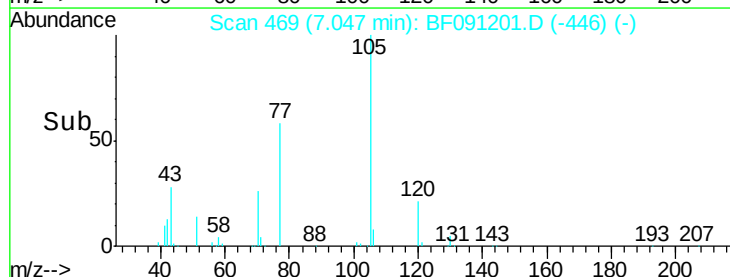


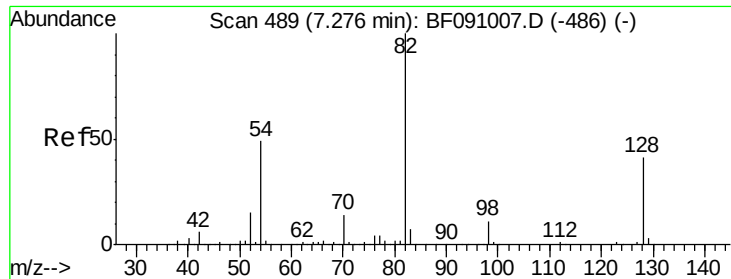
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

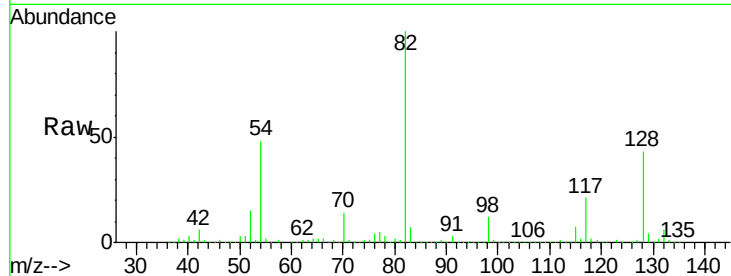




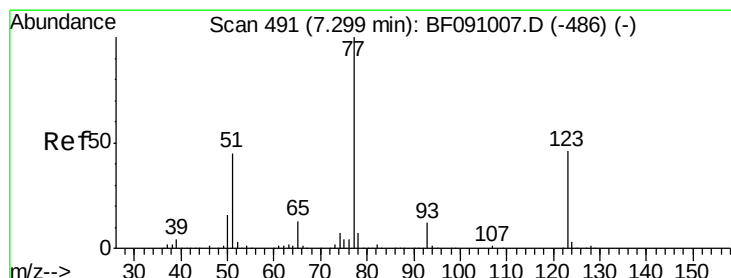
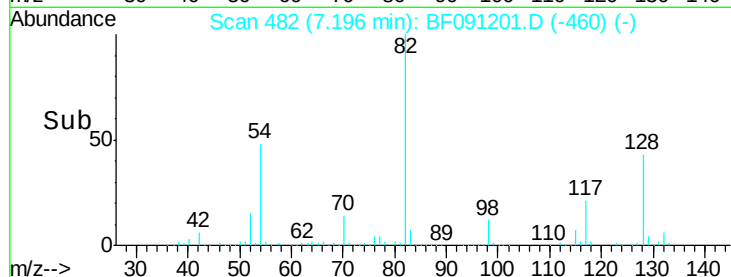
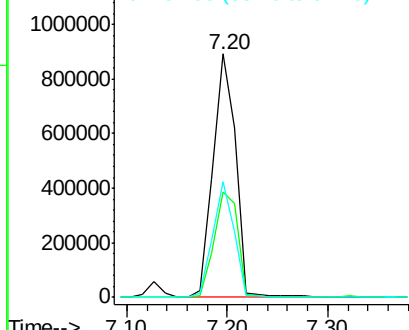
#23
 Nitrobenzene-d5
 Concen: 92.53 ng
 RT: 7.20 min Scan# 482
 Delta R.T. -0.05 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tgt Ion: 82 Resp: 1385750
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.4 48.6
 54 47.7 39.2 58.8

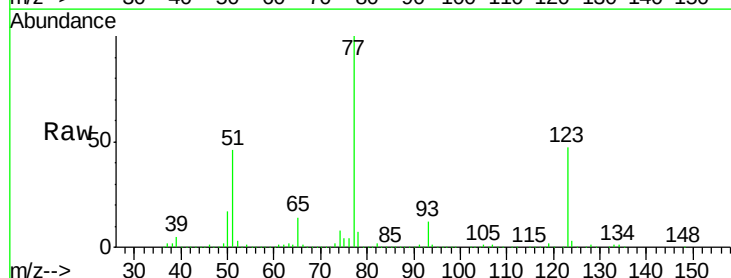


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

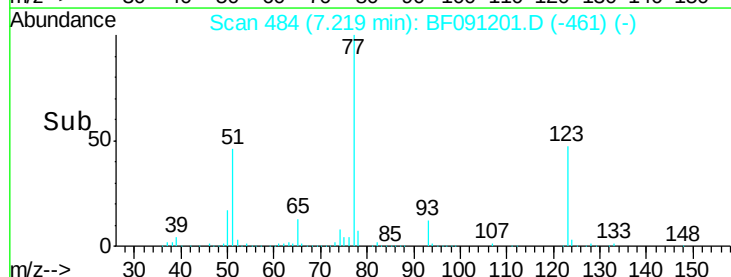
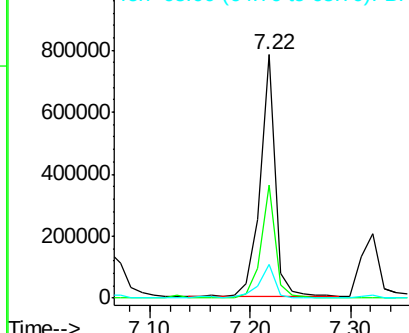


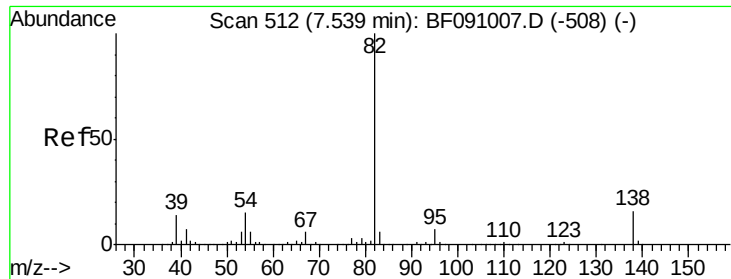
#24
 Nitrobenzene
 Concen: 50.07 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion: 77 Resp: 828116
 Ion Ratio Lower Upper
 77 100
 123 46.6 36.5 54.7
 65 13.7 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 52.04 ng

RT: 7.46 min Scan# 505

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

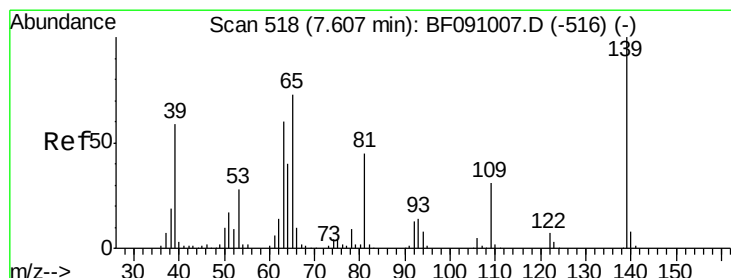
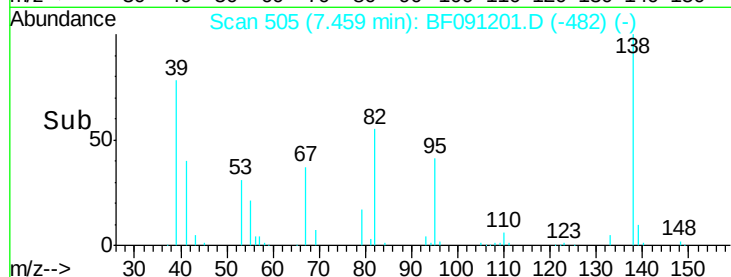
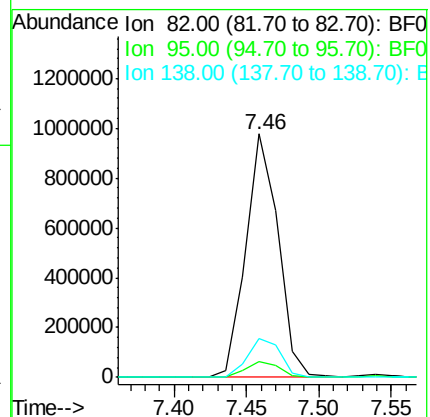
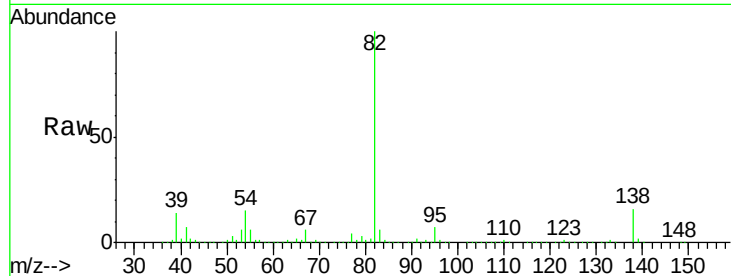
Tgt Ion: 82 Resp: 1501847

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.1 13.0 19.4



#26

2-Nitrophenol

Concen: 55.39 ng

RT: 7.54 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

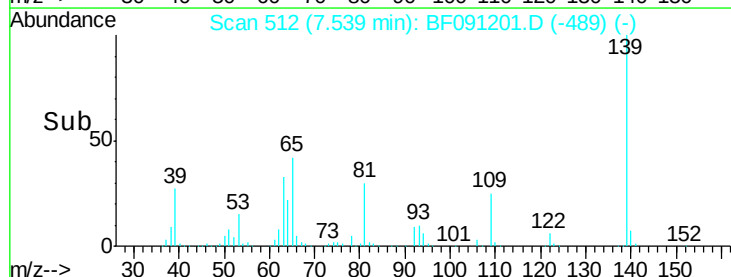
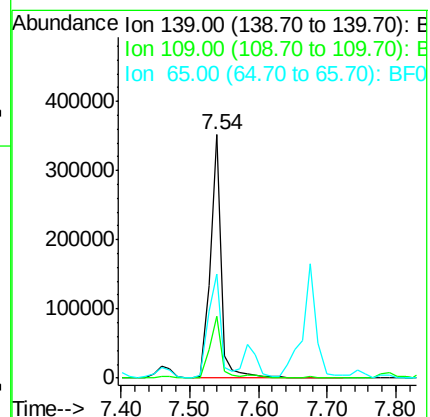
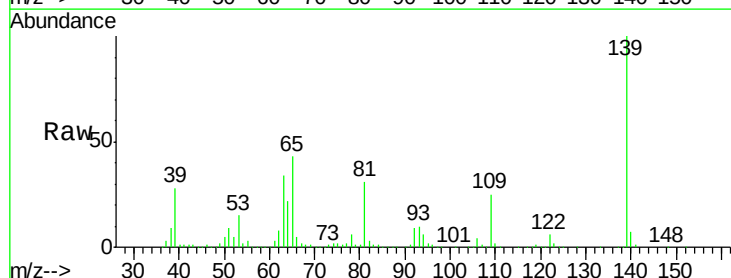
Tgt Ion: 139 Resp: 387701

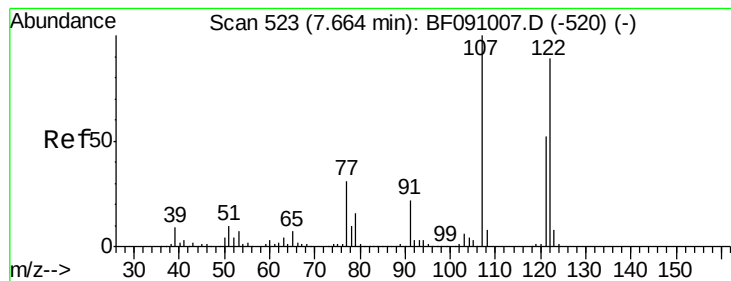
Ion Ratio Lower Upper

139 100

109 25.2 24.7 37.1

65 42.8 58.3 87.5#





#27

2,4-Dimethylphenol

Concen: 45.63 ng

RT: 7.60 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

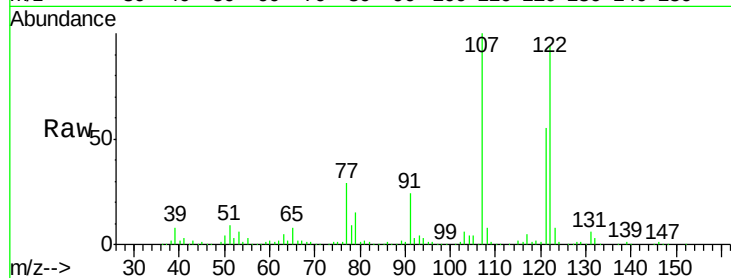
Tgt Ion:122 Resp: 528155

Ion Ratio Lower Upper

122 100

107 106.5 89.6 134.4

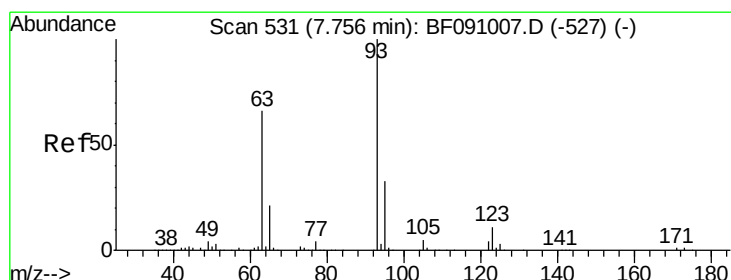
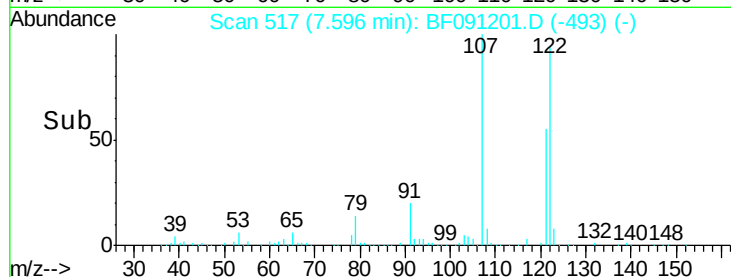
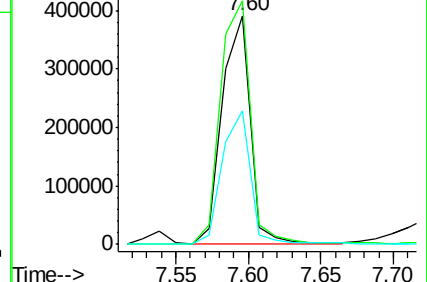
121 58.1 46.3 69.5



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: 55.49 ng

RT: 7.68 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

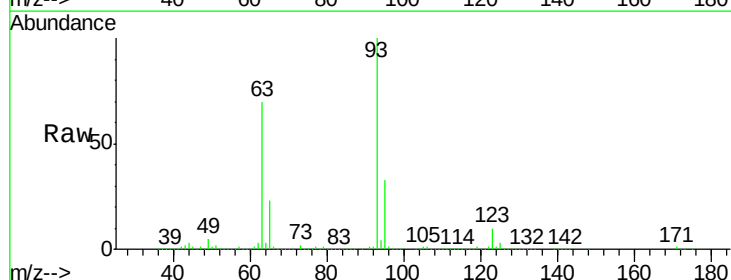
Tgt Ion: 93 Resp: 874778

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

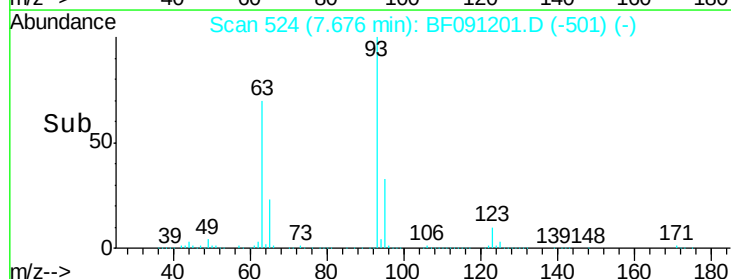
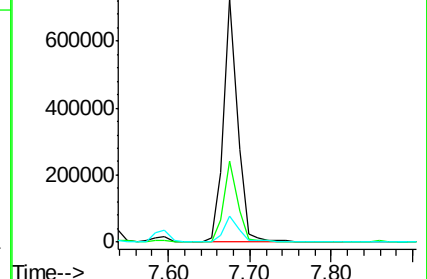
123 10.5 8.7 13.1

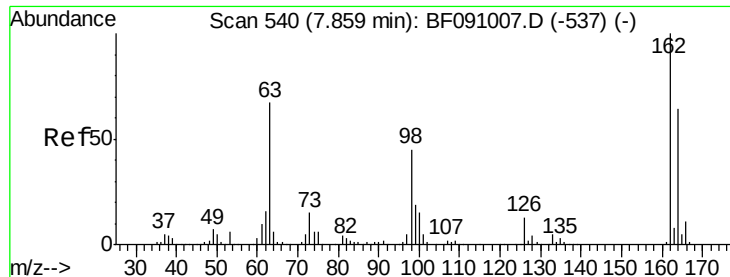


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

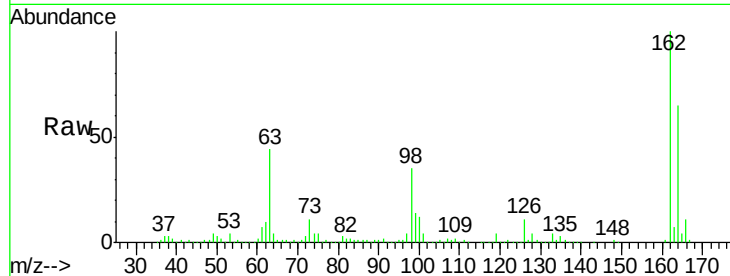




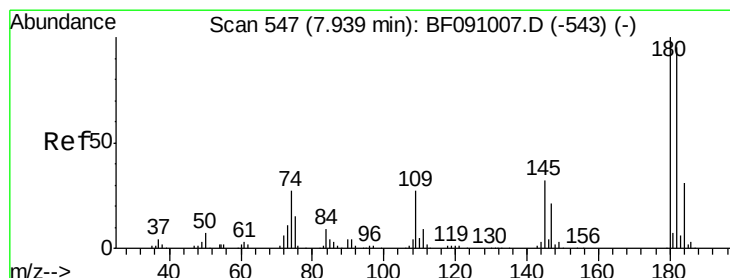
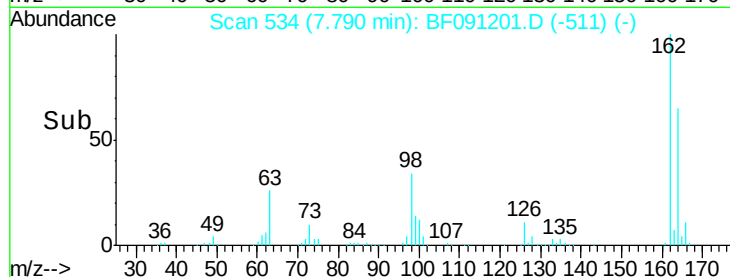
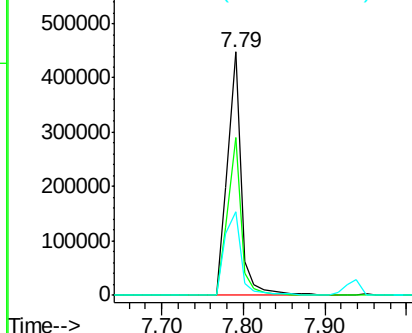
#29
 2,4-Dichlorophenol
 Concen: 52.01 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.4	84.4
98	34.6	25.2	65.2

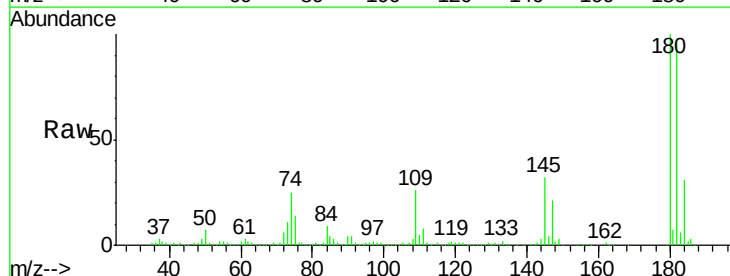


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

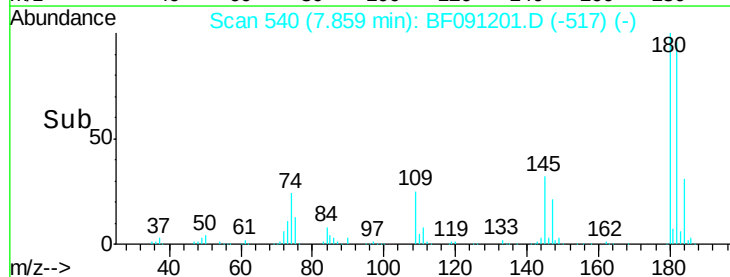
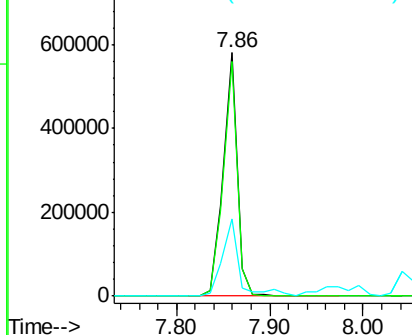


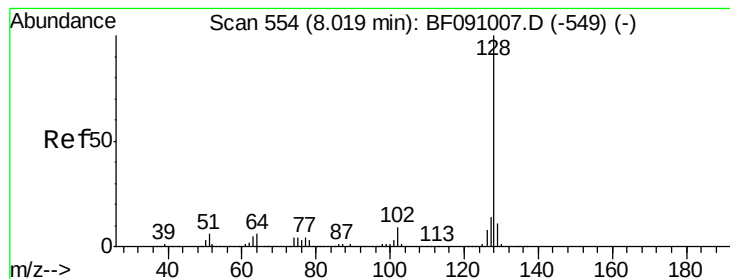
#30
 1,2,4-Trichlorobenzene
 Concen: 53.71 ng
 RT: 7.86 min Scan# 540
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	31.9	25.8	38.8



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





#31

Naphthalene

Concen: 63.32 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

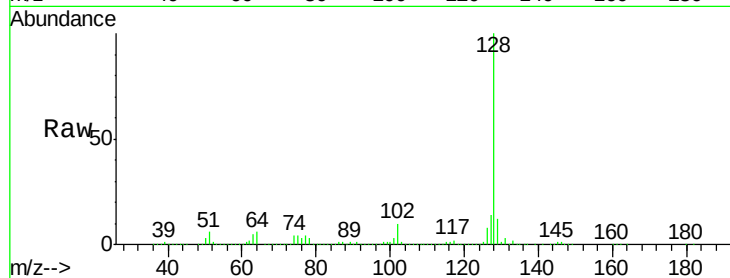
Tgt Ion:128 Resp: 2473995

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

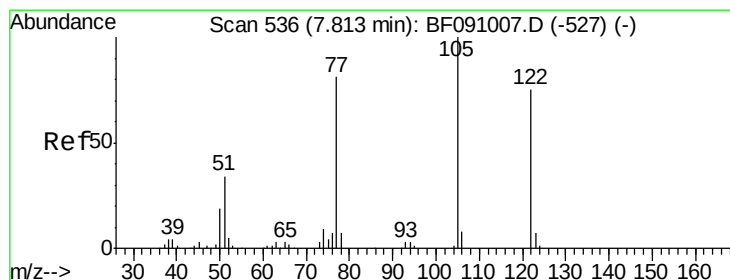
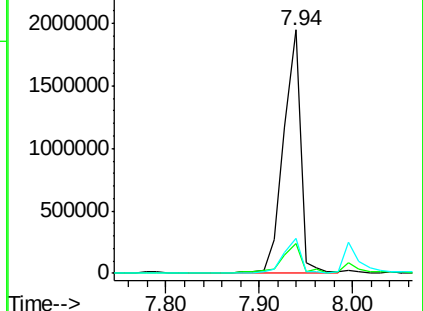
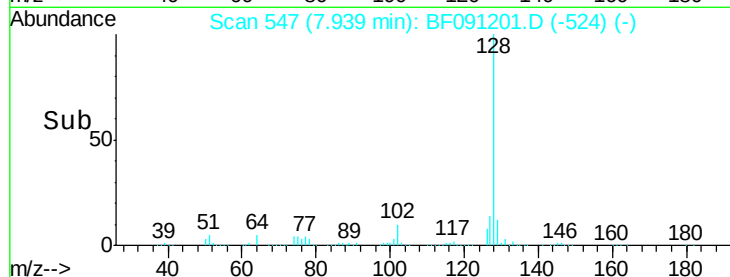
127 14.3 10.9 16.3



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: 14.07 ng

RT: 7.72 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

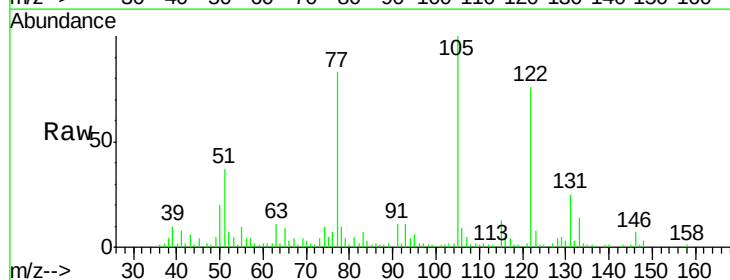
Tgt Ion:122 Resp: 90860

Ion Ratio Lower Upper

122 100

105 132.4 105.9 145.9

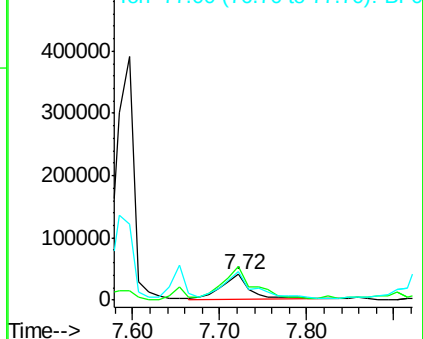
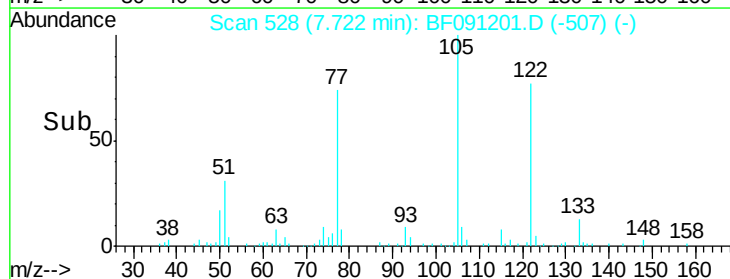
77 109.5 84.0 124.0

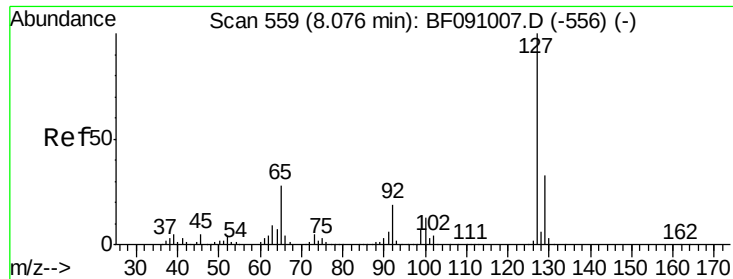


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

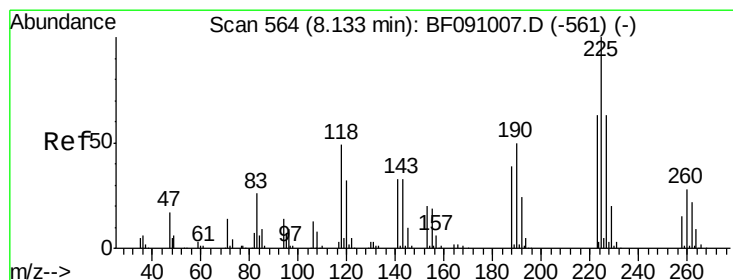
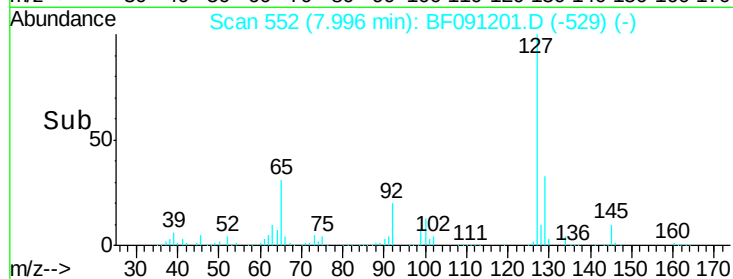
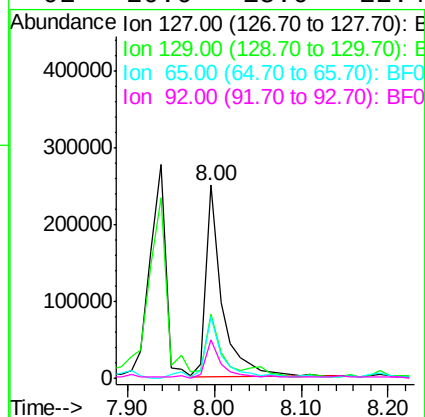
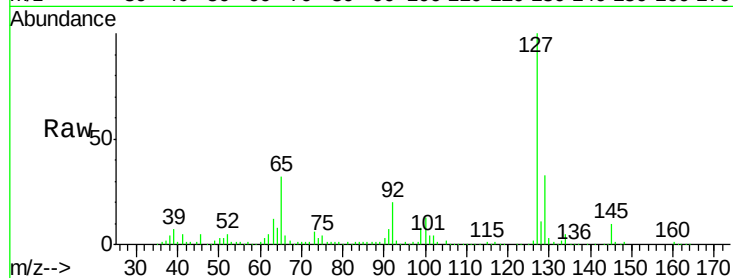




#33
4-Chloroaniline
Concen: 20.03 ng
RT: 8.00 min Scan# 552
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

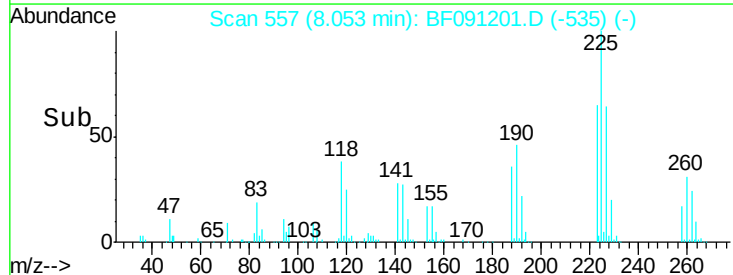
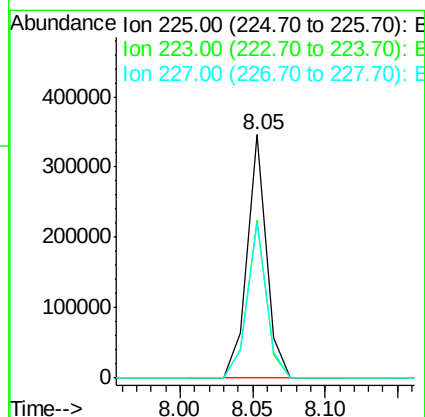
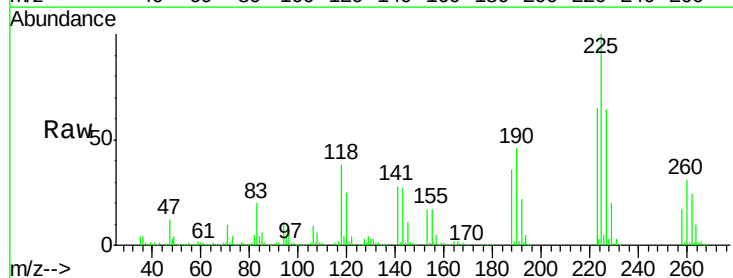
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

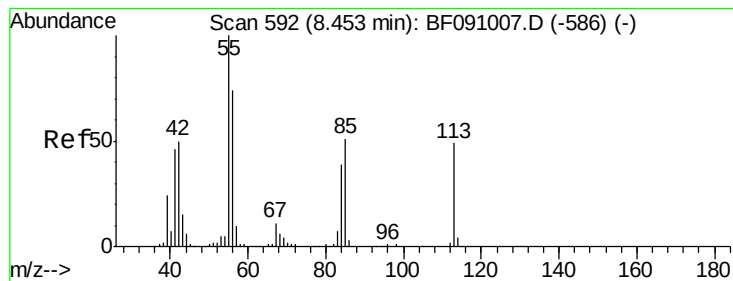
Tgt Ion:	127	Resp:	325431
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.6	39.8
65	32.1	22.2	33.2
92	20.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 52.50 ng
RT: 8.05 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion:	225	Resp:	321896
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.4	75.6
227	63.8	50.1	75.1





#35

Caprolactam

Concen: 4.59 ng

RT: 8.42 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

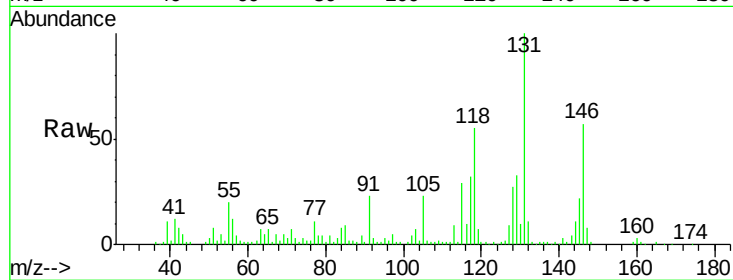
Tgt Ion:113 Resp: 14574

Ion Ratio Lower Upper

113 100

55 223.0 184.1 224.1

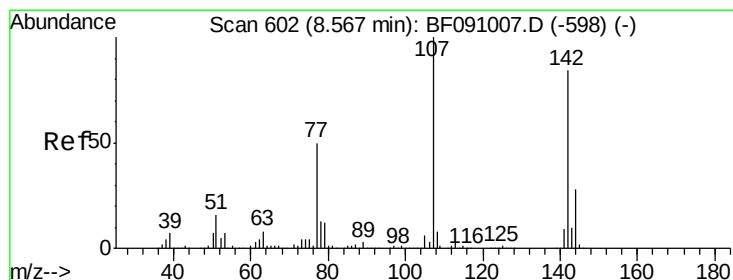
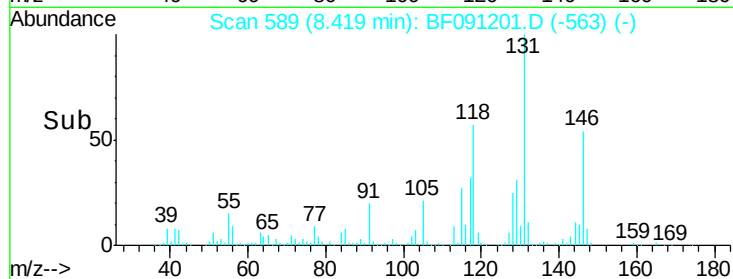
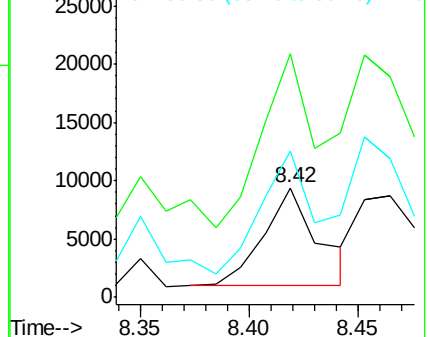
56 133.6 132.0 172.0



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: 44.92 ng

RT: 8.49 min Scan# 595

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

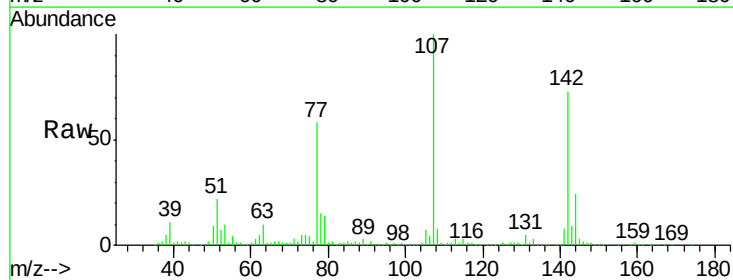
Tgt Ion:107 Resp: 549351

Ion Ratio Lower Upper

107 100

144 23.7 22.5 33.7

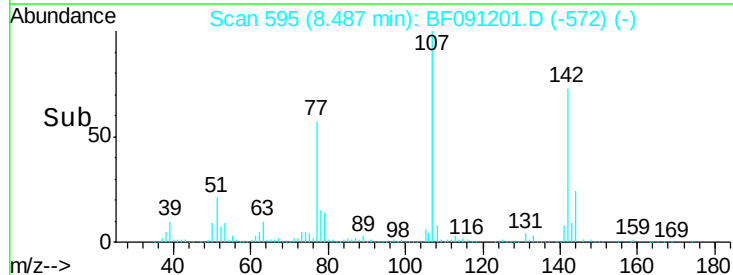
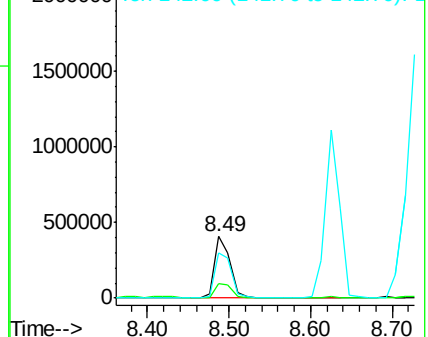
142 72.8 67.4 101.2

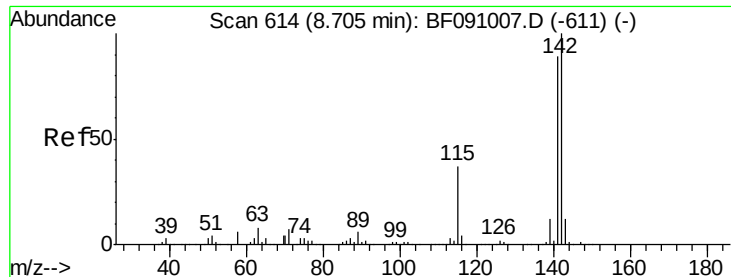


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 54.88 ng

RT: 8.62 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

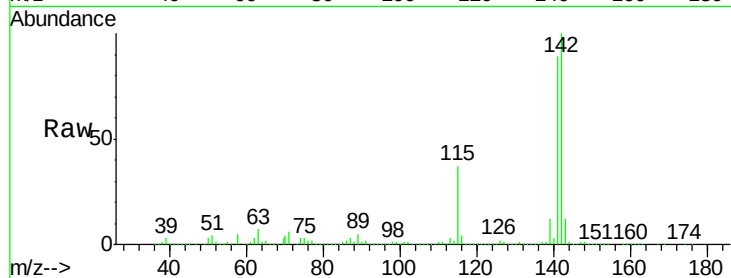
Tgt Ion:142 Resp: 1378372

Ion Ratio Lower Upper

142 100

141 89.0 71.3 106.9

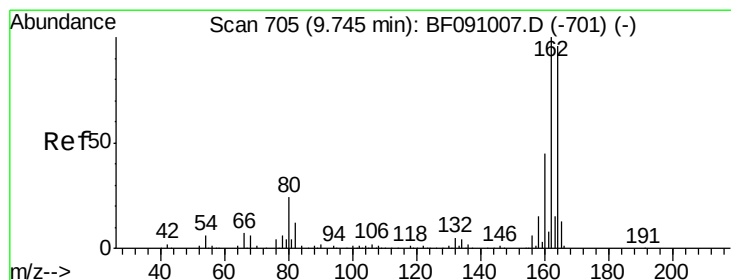
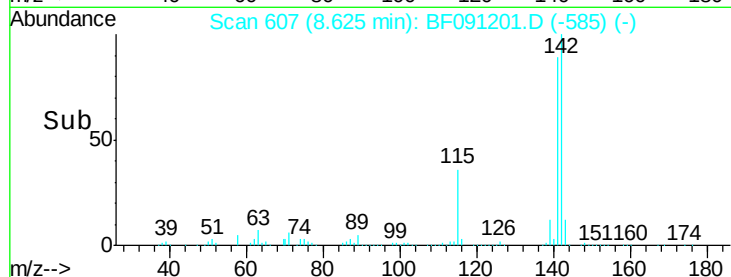
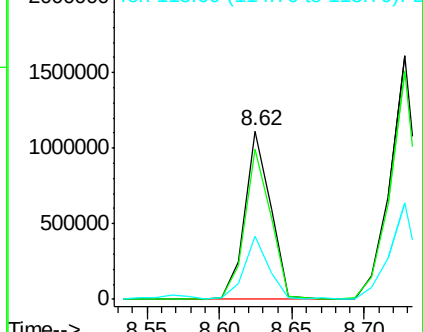
115 37.4 29.9 44.9



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: 9.66 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

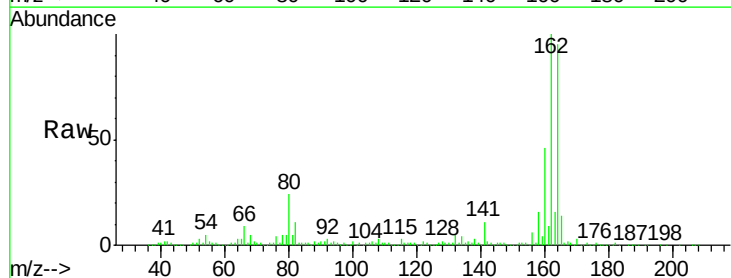
Tgt Ion:164 Resp: 430407

Ion Ratio Lower Upper

164 100

162 105.7 83.6 125.4

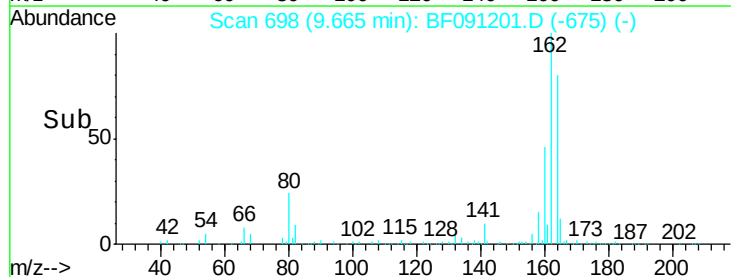
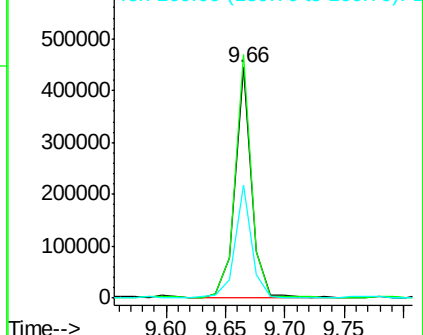
160 49.0 37.9 56.9

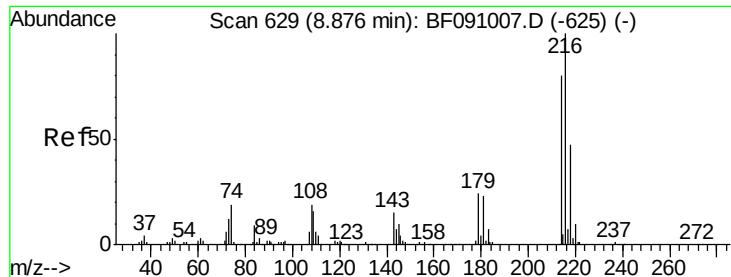


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.96 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

Tgt Ion:216 Resp: 592170

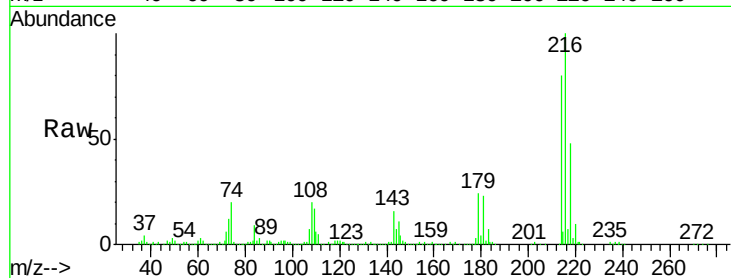
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 23.6 19.1 28.7

108 21.6 17.5 26.3

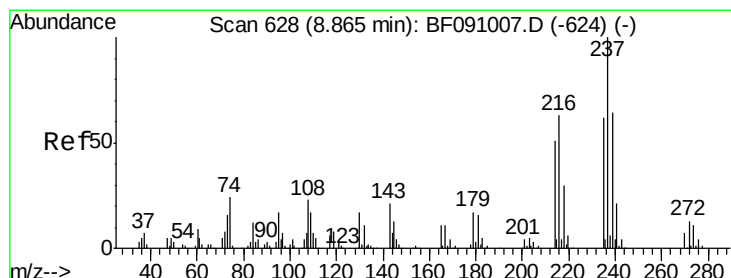
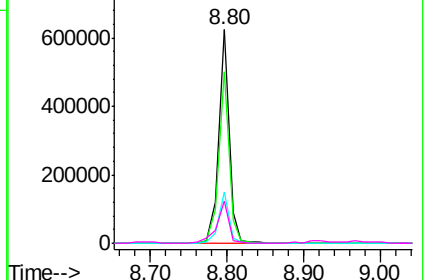
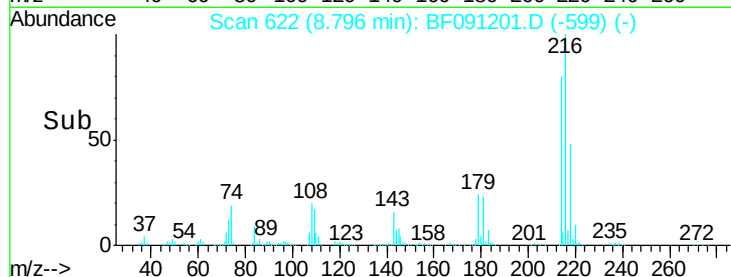


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 94.60 ng

RT: 8.78 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

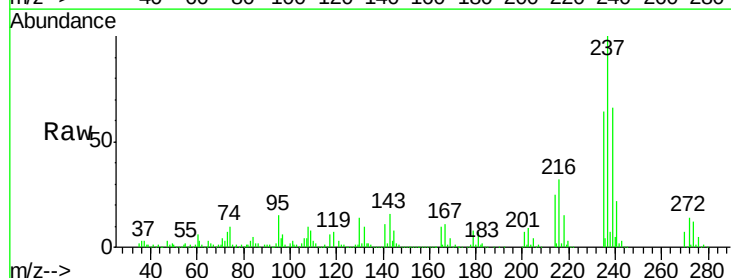
Tgt Ion:237 Resp: 408494

Ion Ratio Lower Upper

237 100

235 64.3 42.1 82.1

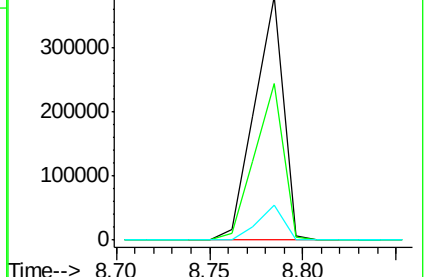
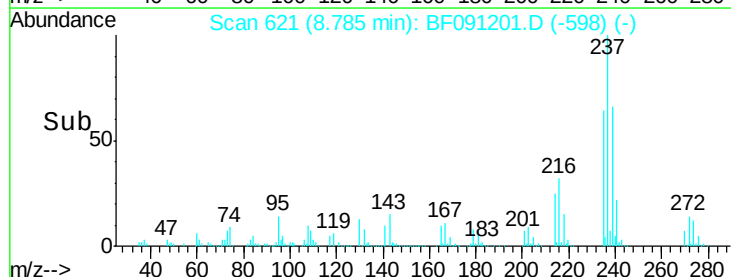
272 14.2 0.0 33.1

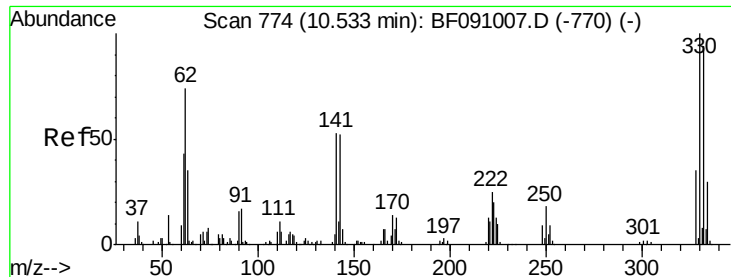


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

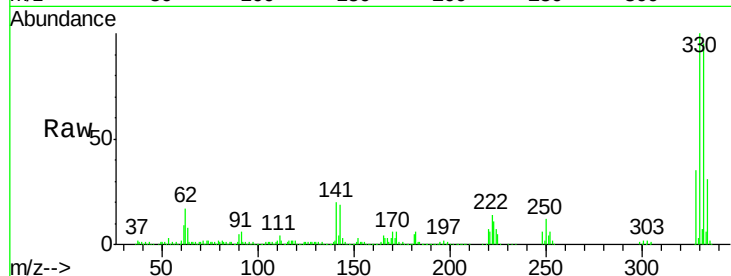




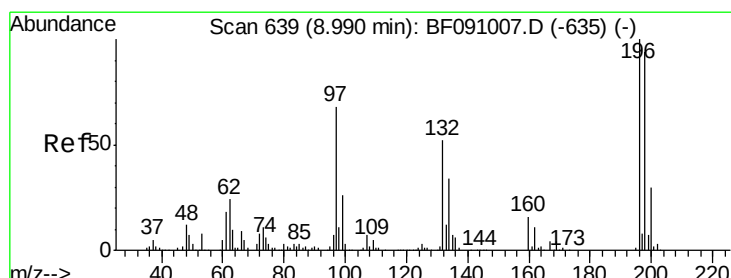
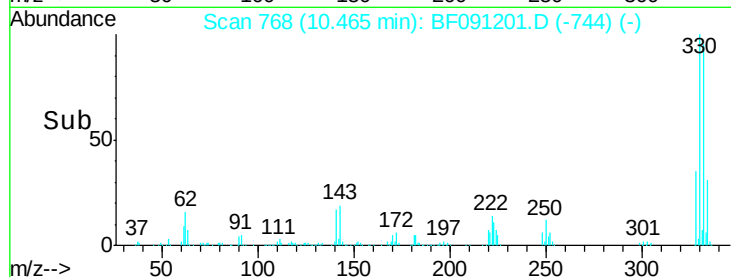
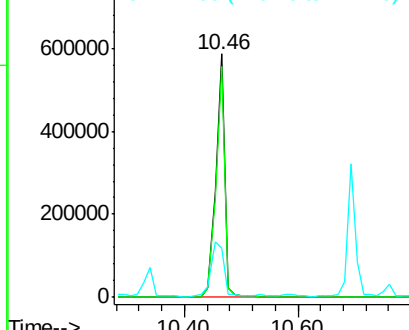
#41
 2,4,6-Tribromophenol
 Concen: 162.12 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tgt Ion:330 Resp: 630849
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.9 113.9
 141 31.2 36.1 54.1#

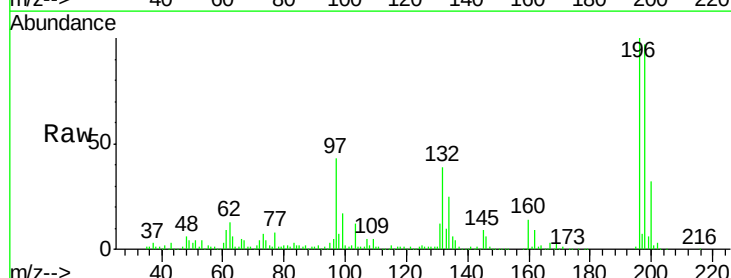


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

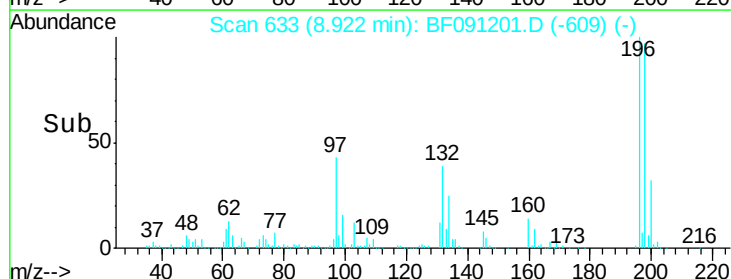
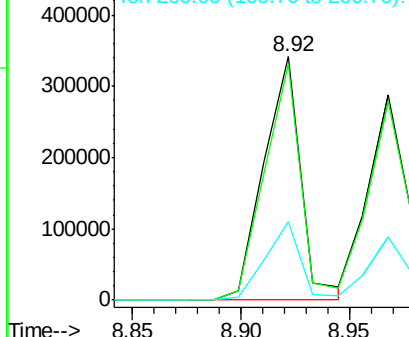


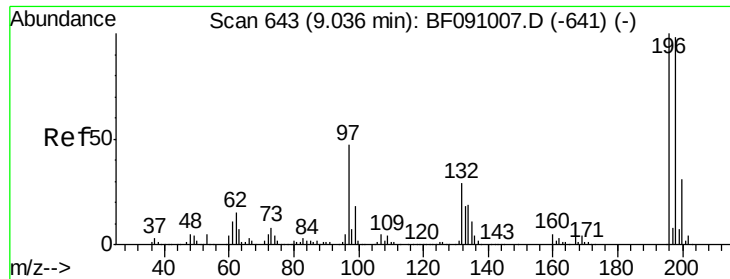
#42
 2,4,6-Trichlorophenol
 Concen: 57.32 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion:196 Resp: 406091
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.4 113.0
 200 32.1 24.1 36.1



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

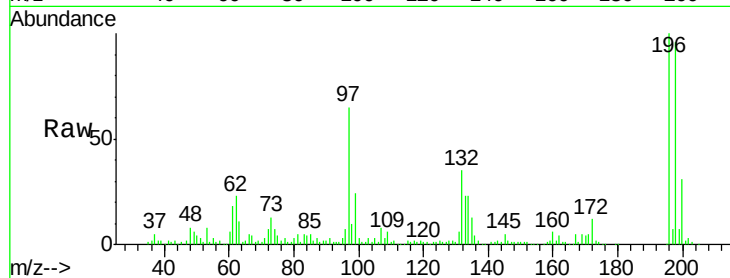




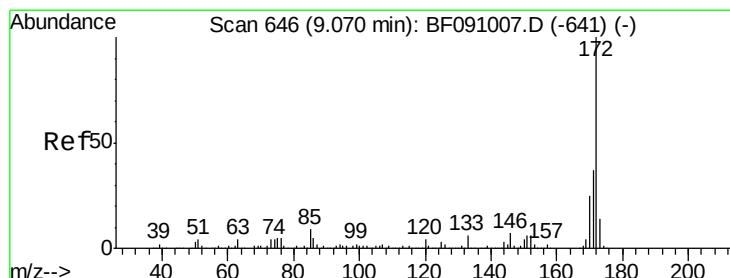
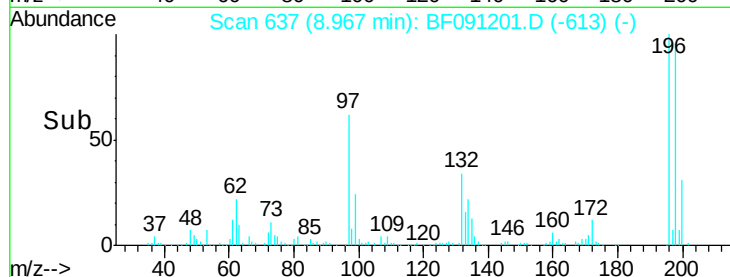
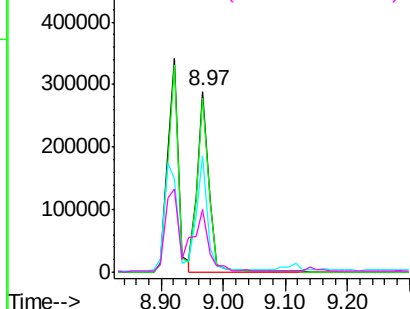
#43
 2,4,5-Trichlorophenol
 Concen: 51.58 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tgt Ion:196 Resp: 383636
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.2 117.4
 97 64.5 38.8 58.2#
 132 35.0 23.5 35.3

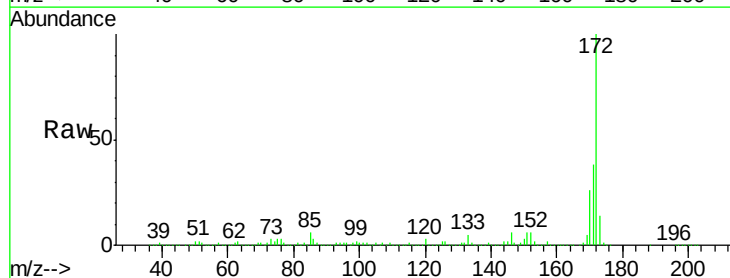


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

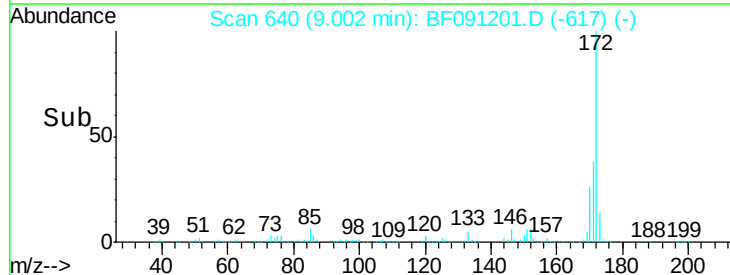
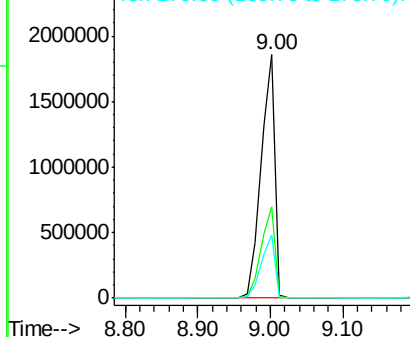


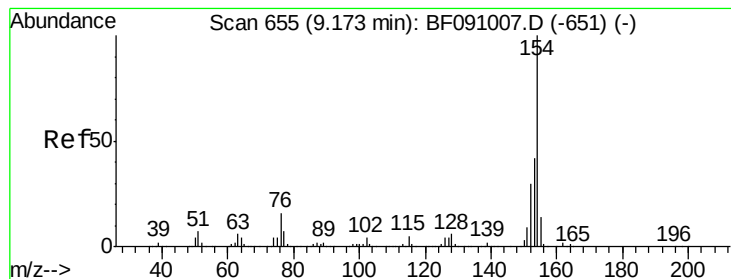
#44
 2-Fluorobiphenyl
 Concen: 101.27 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion:172 Resp: 2531838
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 26.2 20.3 30.5



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





#45

1,1'-Biphenyl

Concen: 46.64 ng

RT: 9.09 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

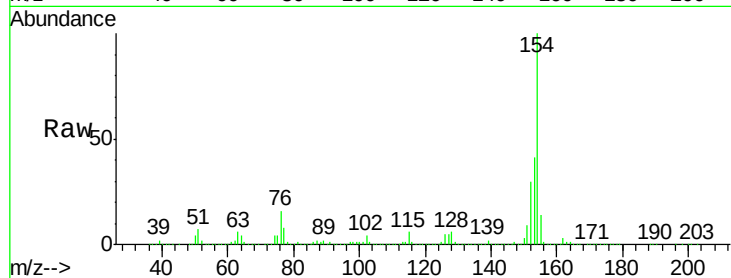
Tgt Ion:154 Resp: 1465661

Ion Ratio Lower Upper

154 100

153 41.5 21.6 61.6

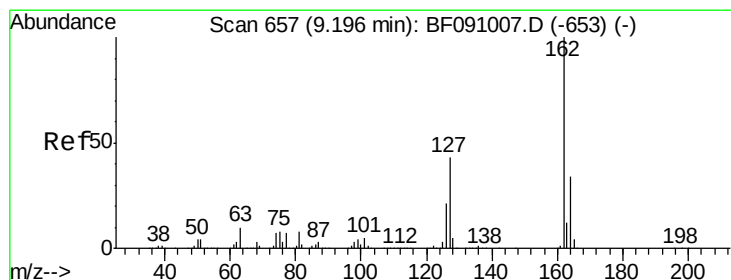
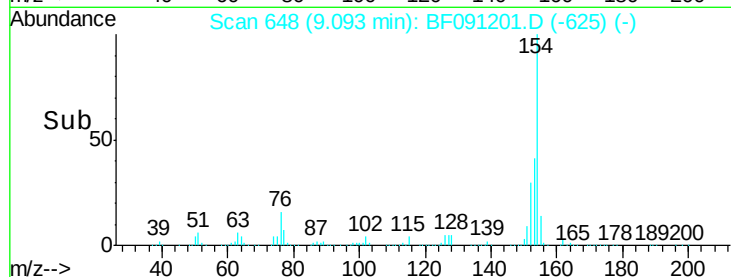
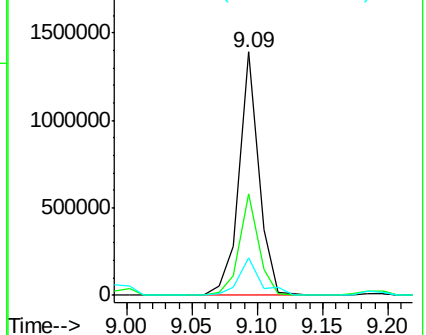
76 15.7 0.0 36.2



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: 50.28 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

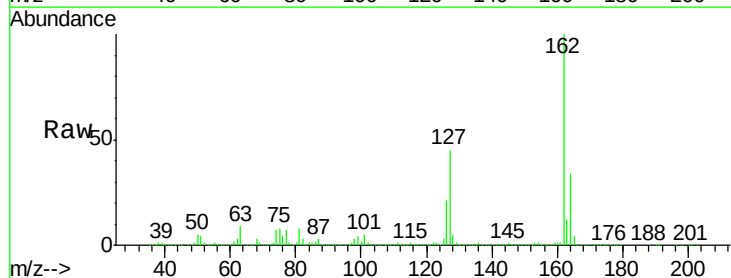
Tgt Ion:162 Resp: 1199723

Ion Ratio Lower Upper

162 100

127 44.5 34.7 52.1

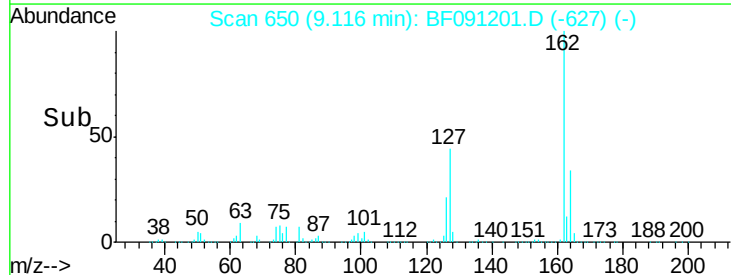
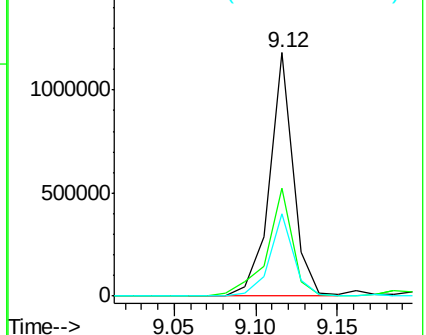
164 33.9 27.0 40.4

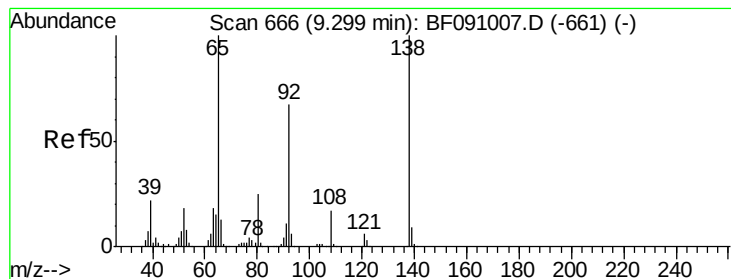


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.56 ng

RT: 9.23 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

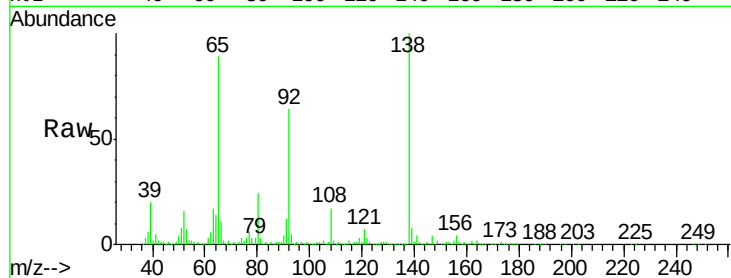
Tgt Ion: 65 Resp: 474239

Ion Ratio Lower Upper

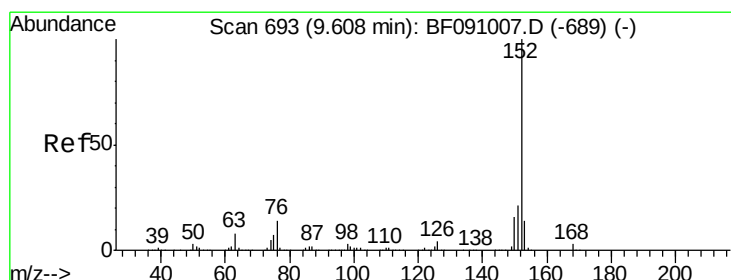
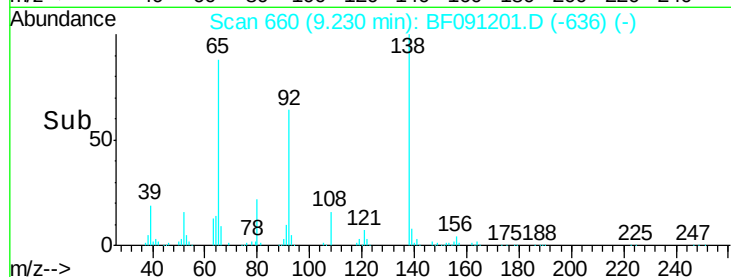
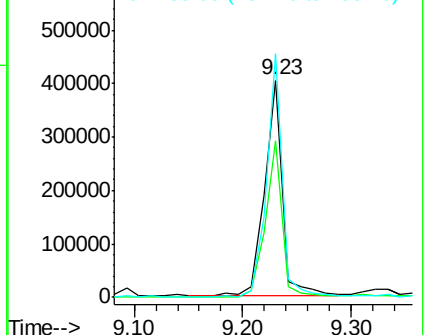
65 100

92 72.2 53.9 80.9

138 112.3 80.1 120.1



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): BF0



#48

Acenaphthylene

Concen: 46.67 ng

RT: 9.53 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

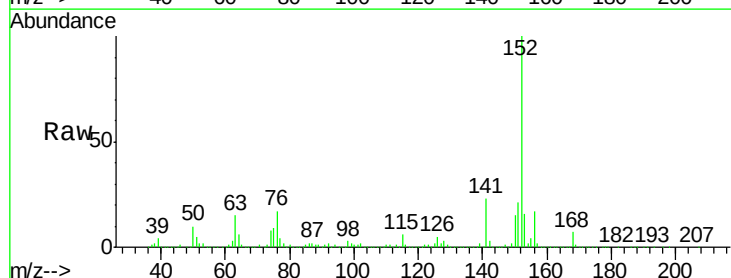
Tgt Ion: 152 Resp: 1735543

Ion Ratio Lower Upper

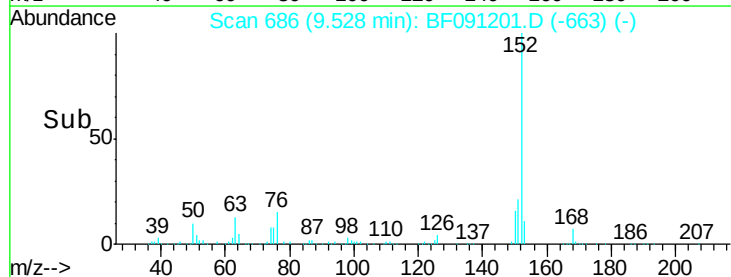
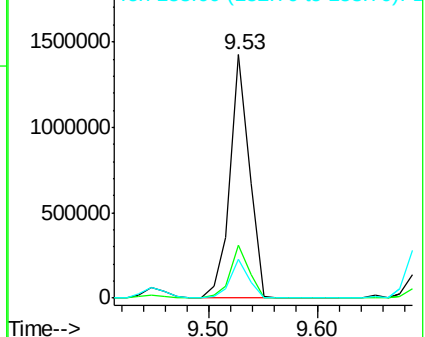
152 100

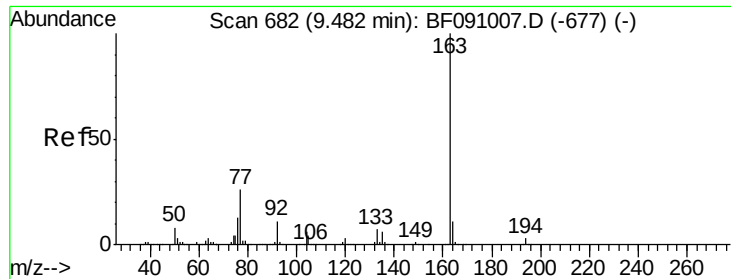
151 21.5 16.7 25.1

153 16.1 11.1 16.7



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: 55.59 ng

RT: 9.41 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

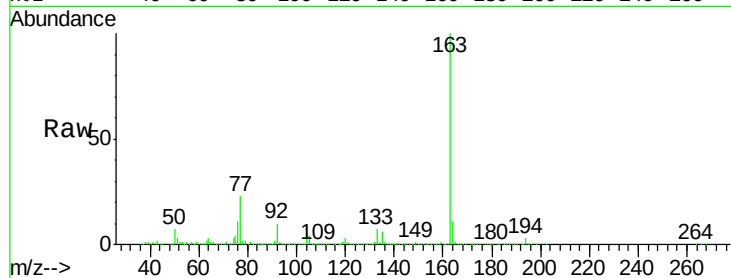
Tgt Ion:163 Resp: 1568976

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

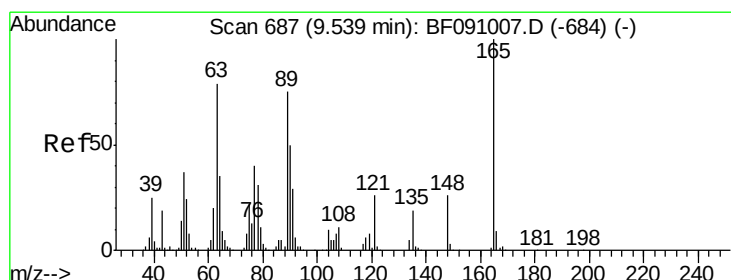
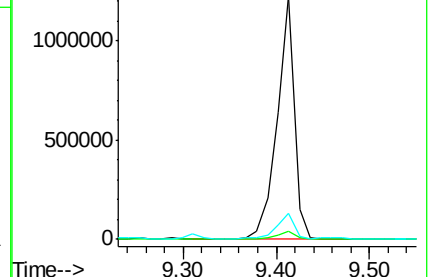
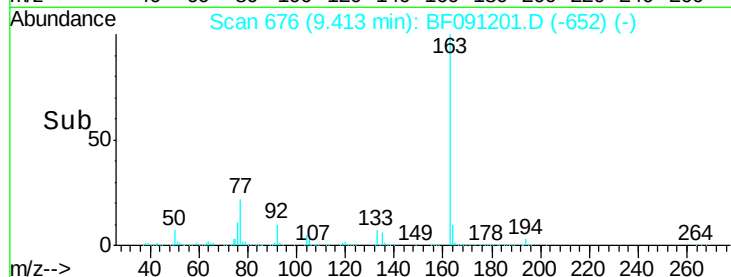
164 10.8 8.7 13.1



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: 50.57 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

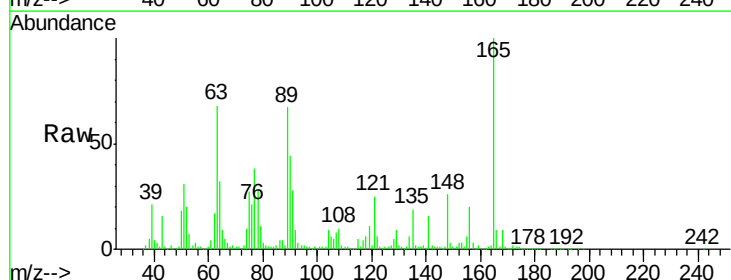
Tgt Ion:165 Resp: 305848

Ion Ratio Lower Upper

165 100

63 68.0 65.6 98.4

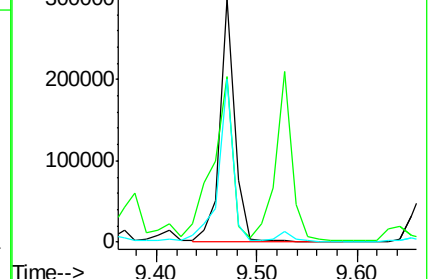
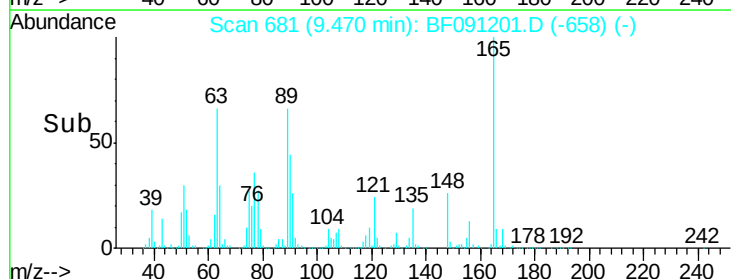
89 66.8 59.8 89.6

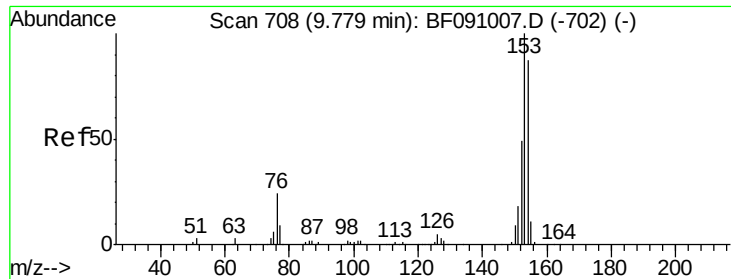


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.75 ng

RT: 9.70 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

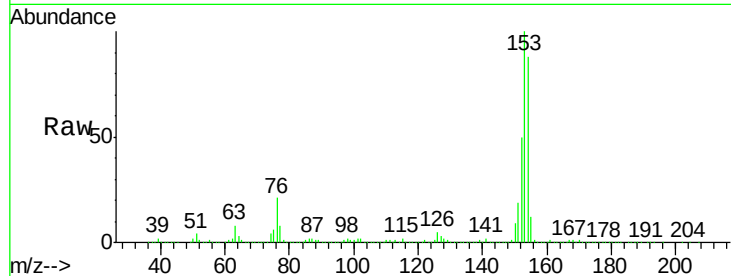
Tgt Ion:154 Resp: 1138049

Ion Ratio Lower Upper

154 100

153 113.3 91.6 137.4

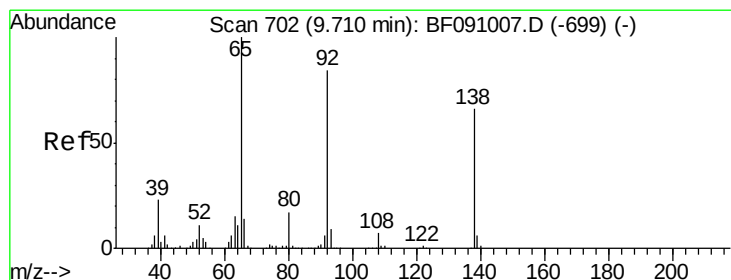
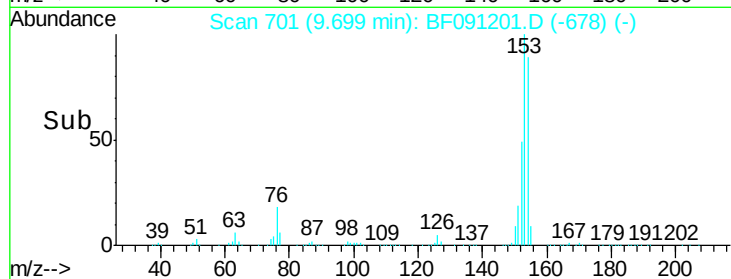
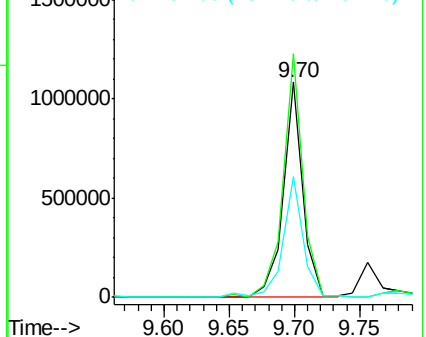
152 56.2 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.55 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

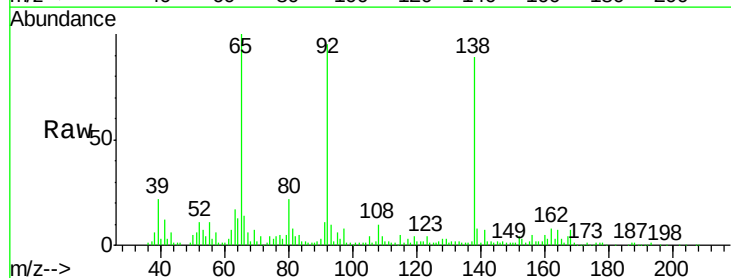
Tgt Ion:138 Resp: 140220

Ion Ratio Lower Upper

138 100

108 10.7 8.4 12.6

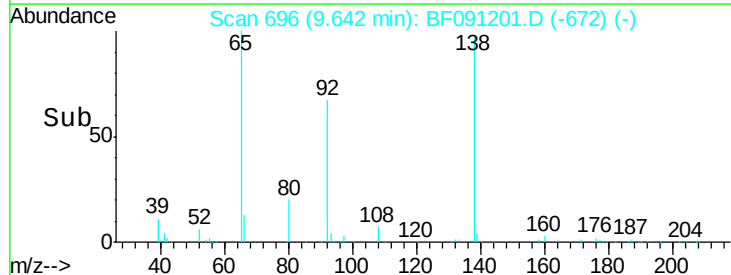
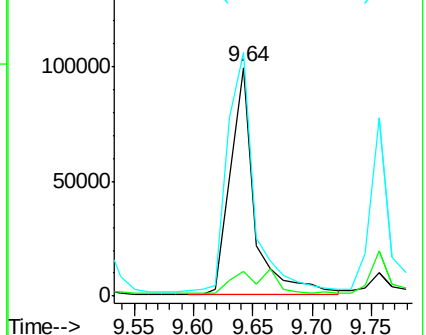
92 106.4 101.1 151.7

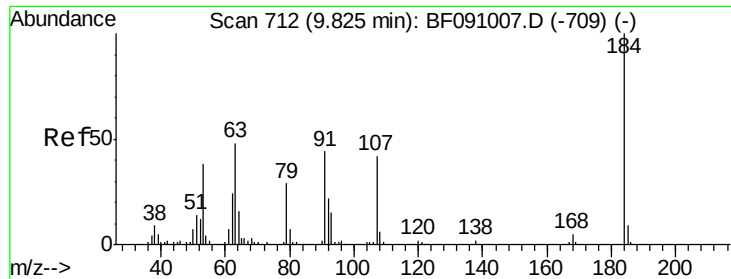


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

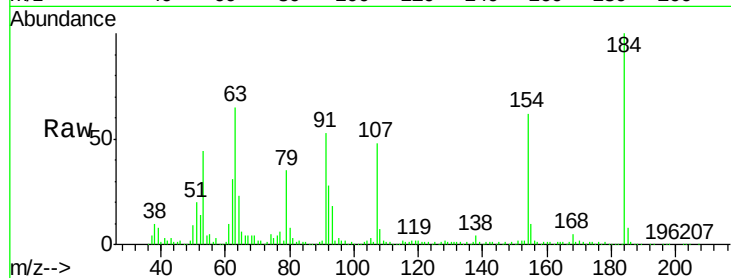




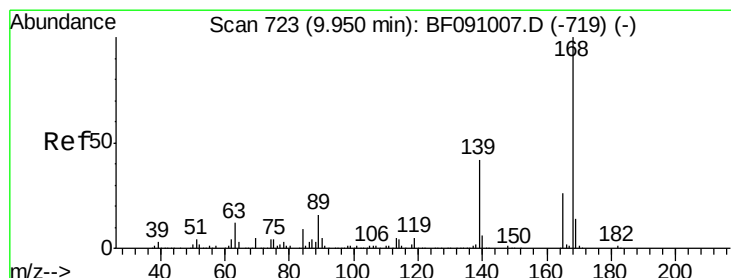
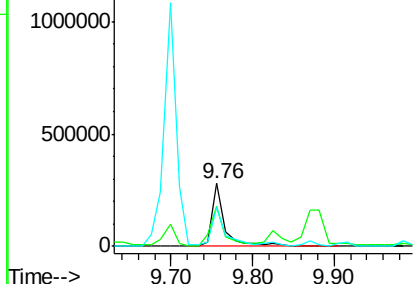
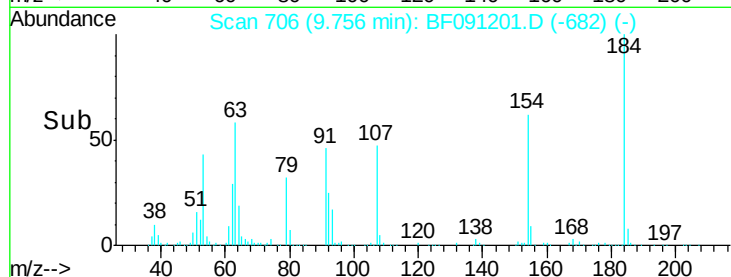
#53
2,4-Dinitrophenol
Concen: 95.22 ng
RT: 9.76 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tgt Ion:184 Resp: 317980
Ion Ratio Lower Upper
184 100
63 64.6 45.5 68.3
154 62.4 51.0 76.4

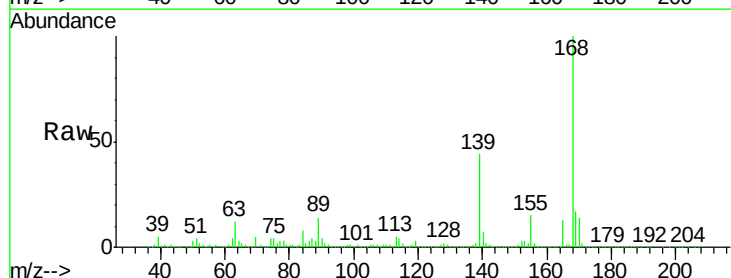


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

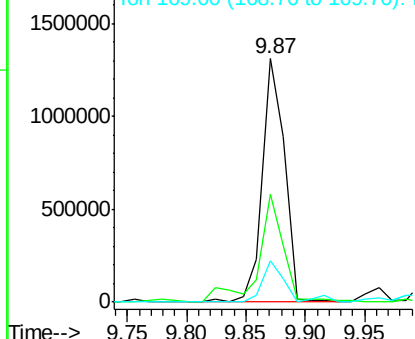
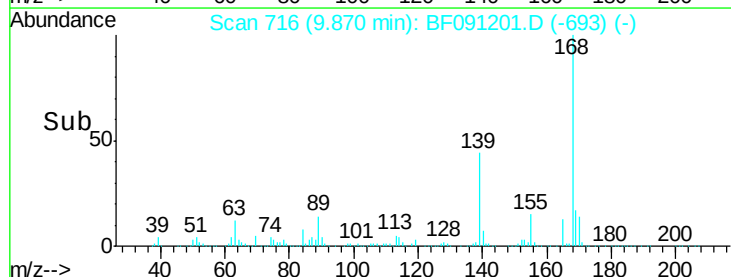


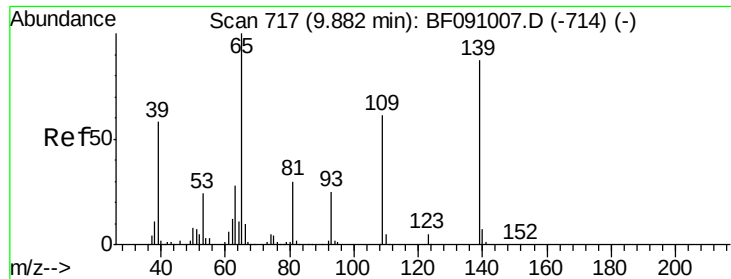
#54
Dibenzofuran
Concen: 54.85 ng
RT: 9.87 min Scan# 716
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion:168 Resp: 1723694
Ion Ratio Lower Upper
168 100
139 44.2 34.8 52.2
169 16.8 11.4 17.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

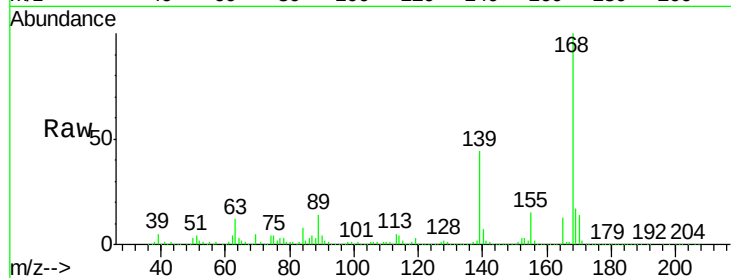




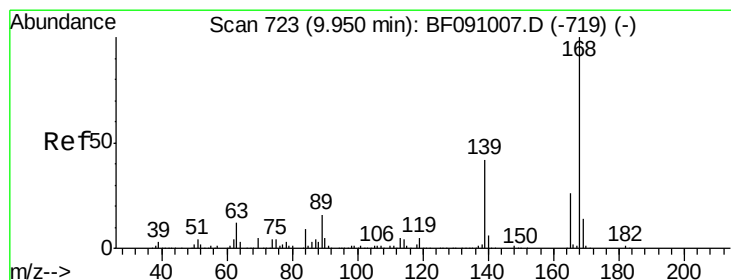
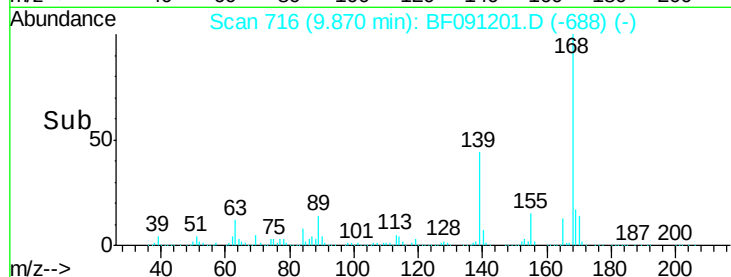
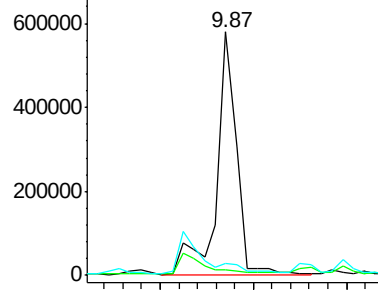
#55
4-Nitrophenol
Concen: 169.71 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.2	50.5	90.5#
65	4.8	97.1	137.1#



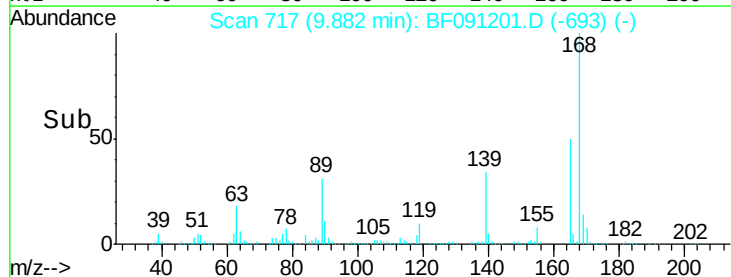
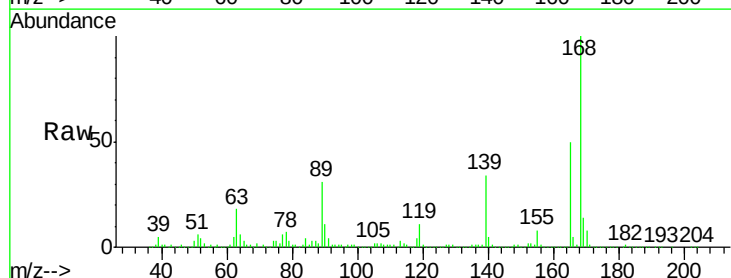
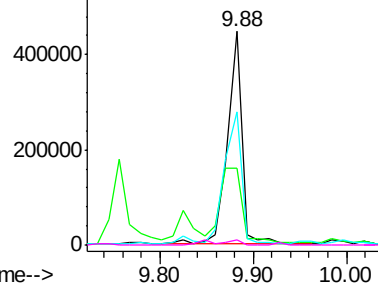
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

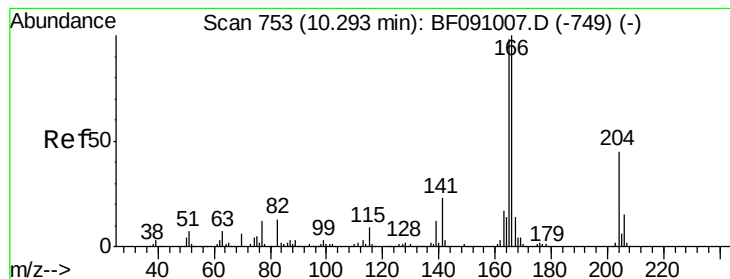


#56
2,4-Dinitrotoluene
Concen: 62.60 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.2	38.7	58.1#
89	62.5	50.6	76.0
182	2.5	1.8	2.8

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





#57

Fluorene

Concen: 48.43 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

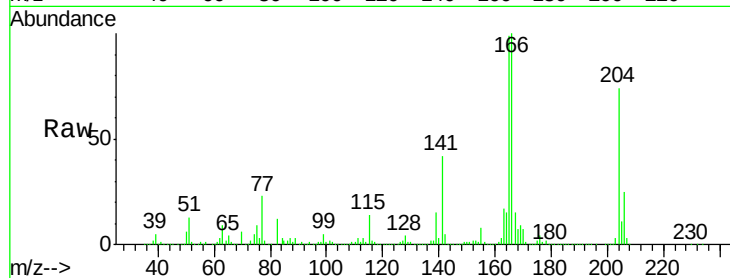
Tgt Ion:166 Resp: 1244033

Ion Ratio Lower Upper

166 100

165 99.3 78.6 118.0

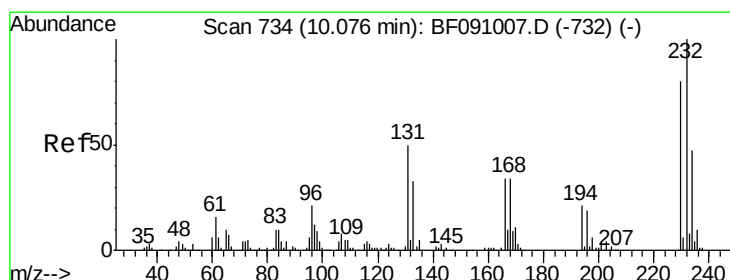
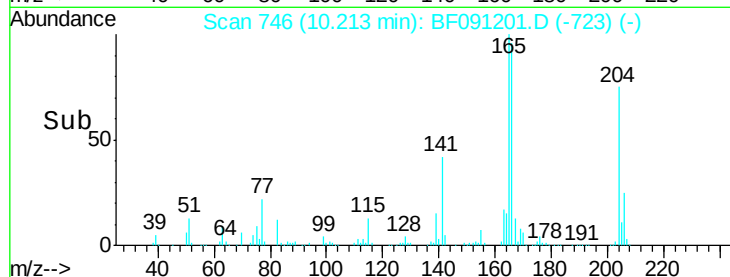
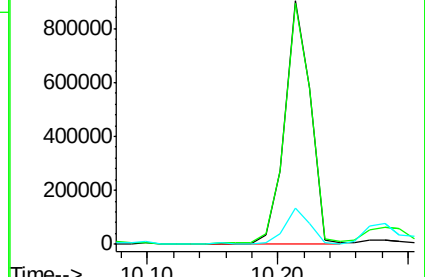
167 14.9 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.31 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Tgt Ion:232 Resp: 328114

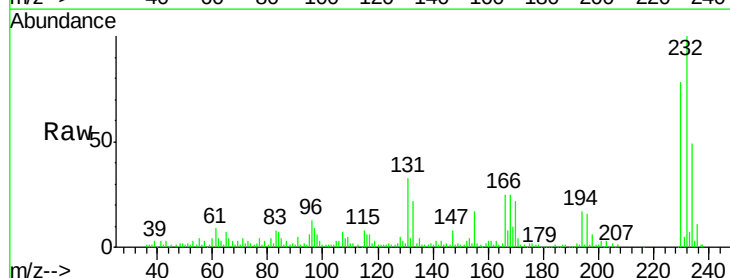
Ion Ratio Lower Upper

232 100

131 54.6 43.6 65.4

130 3.5 2.0 3.0#

166 33.3 27.4 41.2

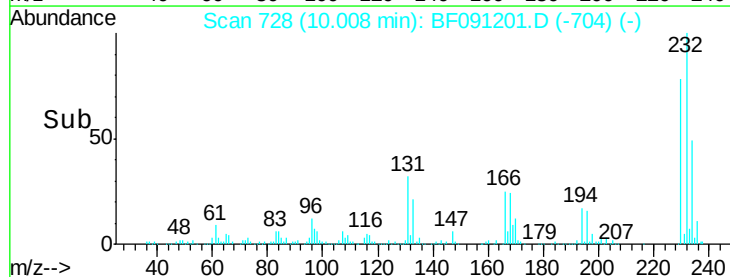
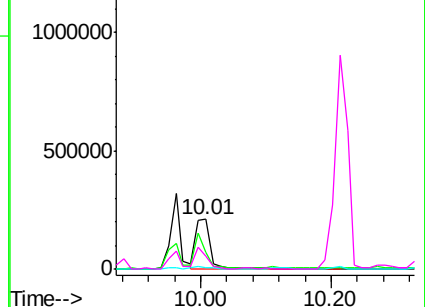


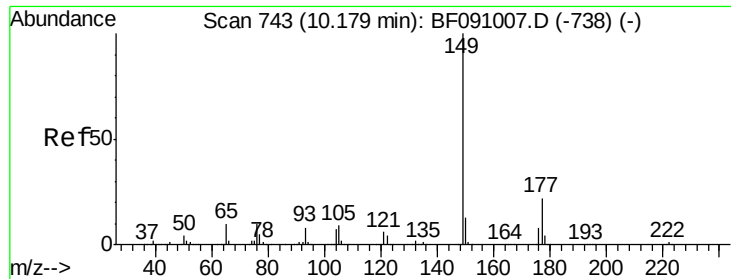
Abundance Ion 232.00 (231.70 to 232.70): E

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

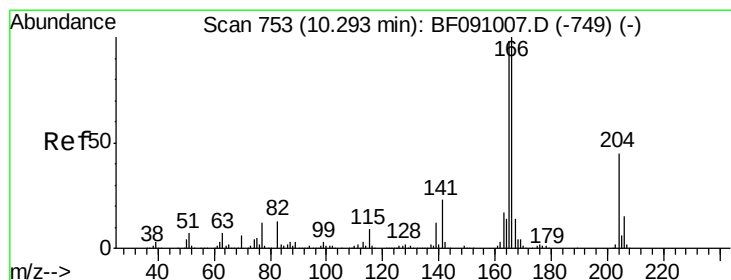
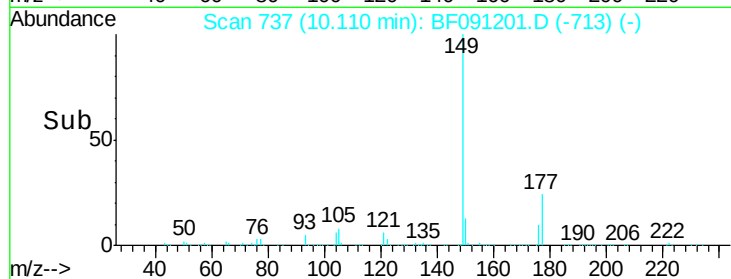
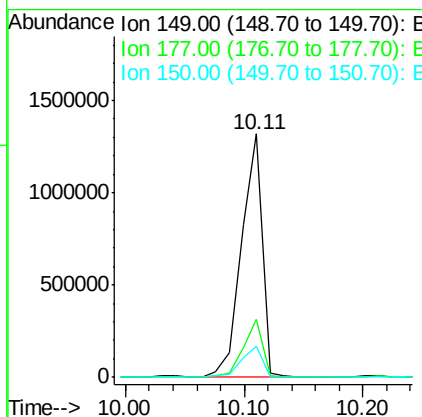
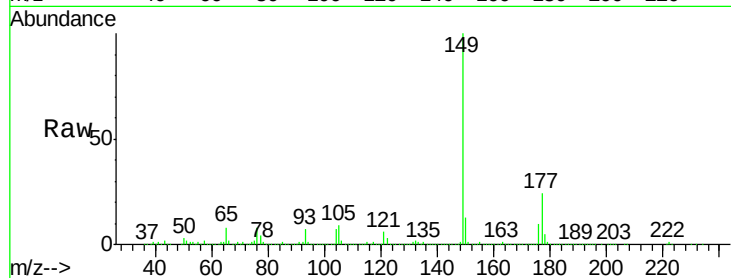




#59
Diethylphthalate
Concen: 55.16 ng
RT: 10.11 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

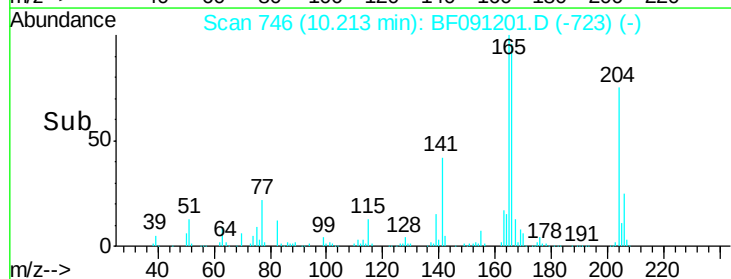
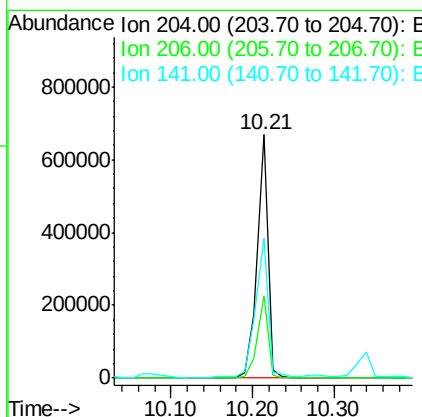
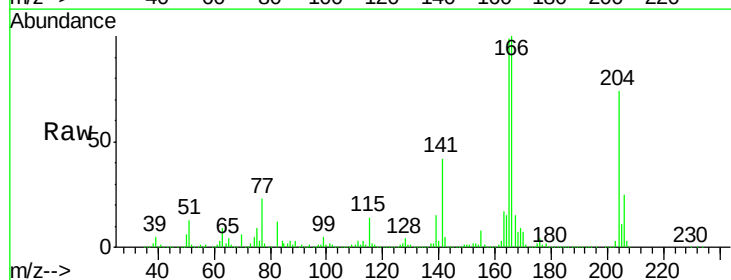
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

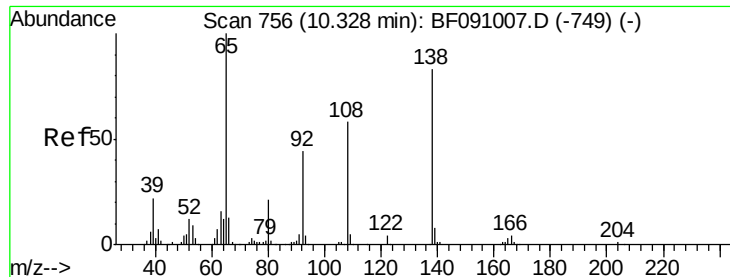
Tgt Ion:149 Resp: 1595975
Ion Ratio Lower Upper
149 100
177 24.0 17.3 25.9
150 12.6 10.3 15.5



#60
4-Chlorophenyl-phenylether
Concen: 52.44 ng
RT: 10.21 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion:204 Resp: 613112
Ion Ratio Lower Upper
204 100
206 34.0 27.1 40.7
141 57.3 40.1 60.1





#61

4-Nitroaniline

Concen: 42.73 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

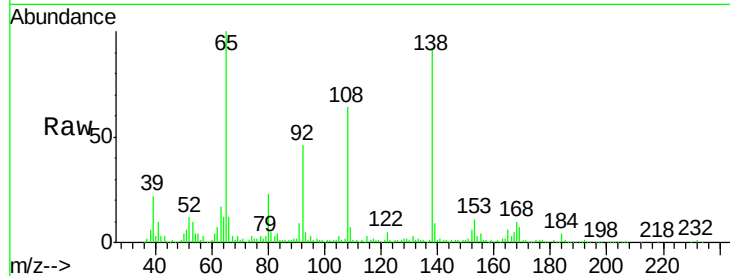
Tgt Ion:138 Resp: 310010

Ion Ratio Lower Upper

138 100

92 49.9 32.5 72.5

108 69.3 49.4 89.4

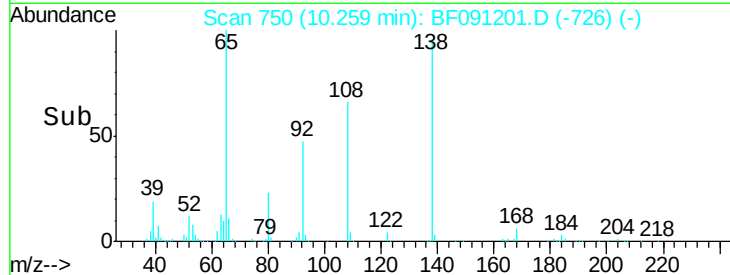


Abundance Ion 138.00 (137.70 to 138.70): E

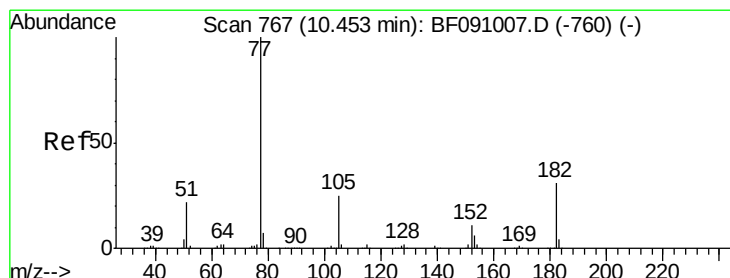
Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



Time-->



#62

Azobenzene

Concen: 49.62 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Tgt Ion: 77 Resp: 1690299

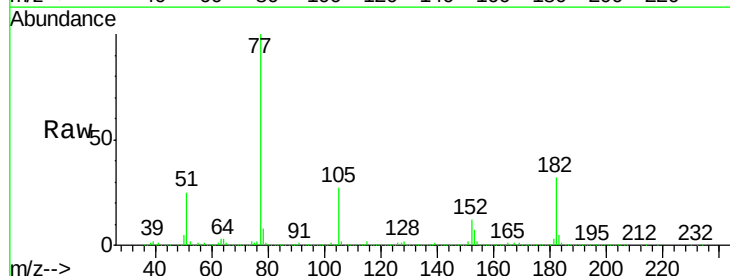
Ion Ratio Lower Upper

77 100

182 31.7 11.0 51.0

105 26.5 5.6 45.6

51 24.8 2.7 42.7



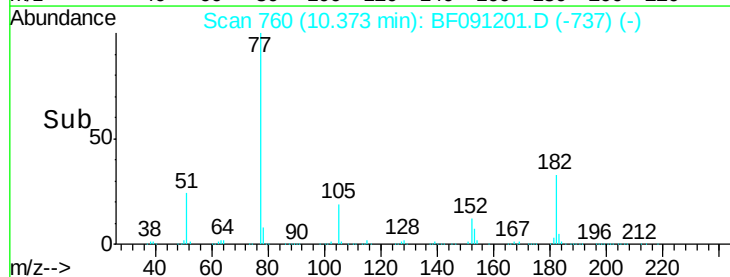
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

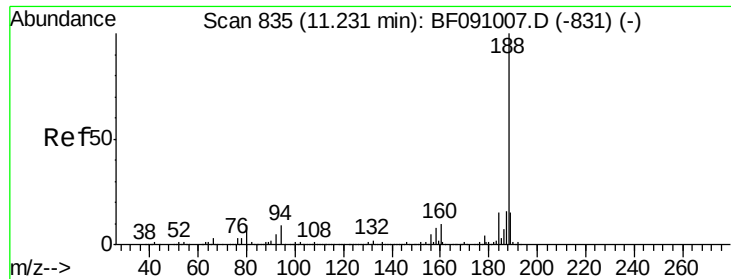
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

Time-->



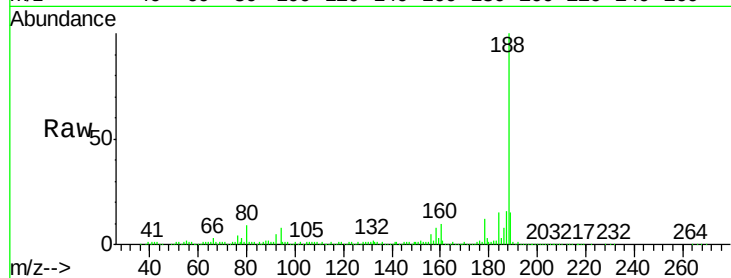
Time-->



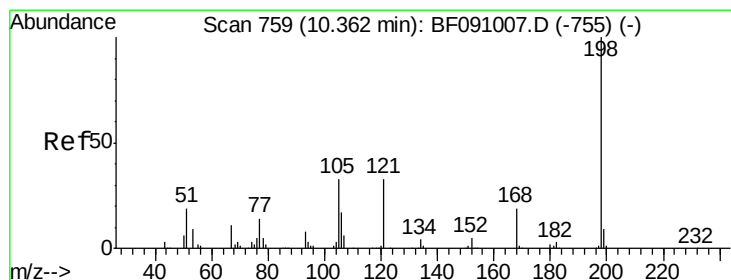
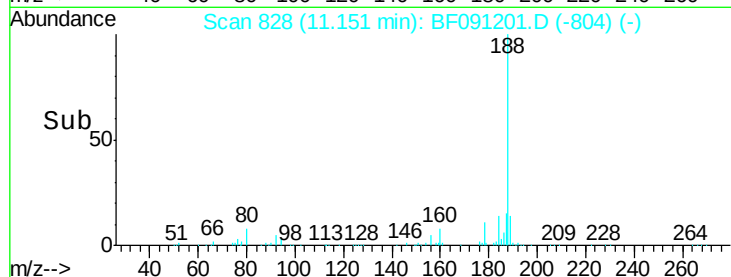
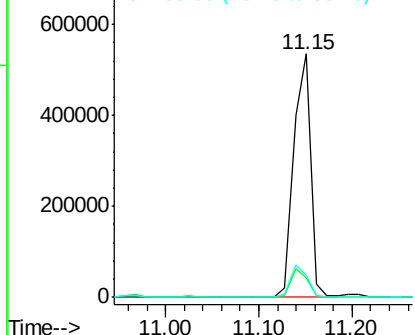
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tgt Ion:188 Resp: 681236
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 8.8 7.5 11.3

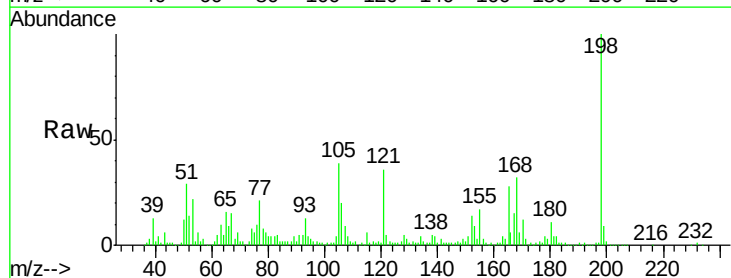


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

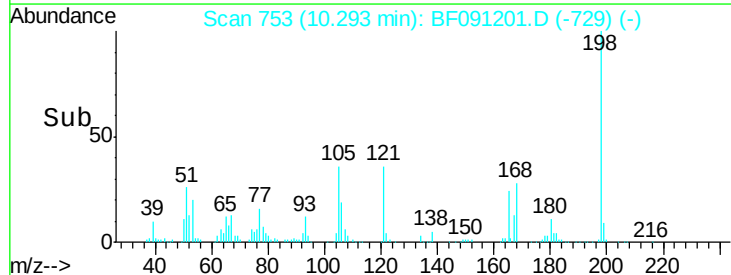
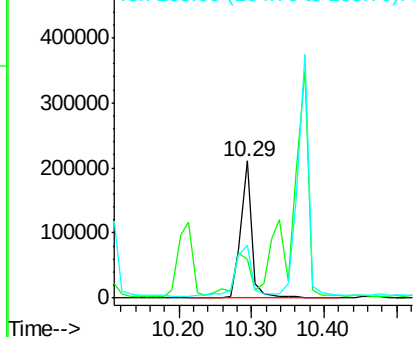


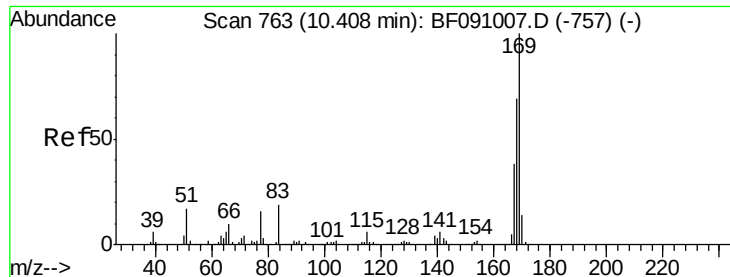
#64
4,6-Dinitro-2-methylphenol
Concen: 54.97 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion:198 Resp: 229297
Ion Ratio Lower Upper
198 100
51 28.8 5.9 45.9
105 38.6 13.8 53.8



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

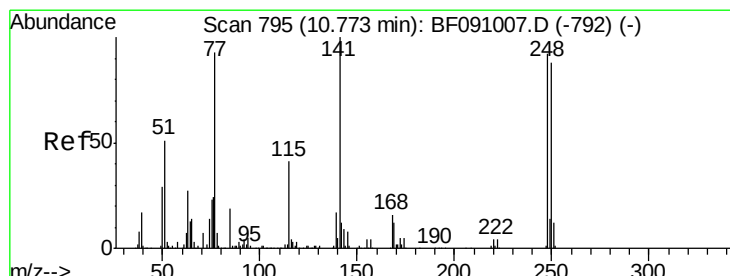
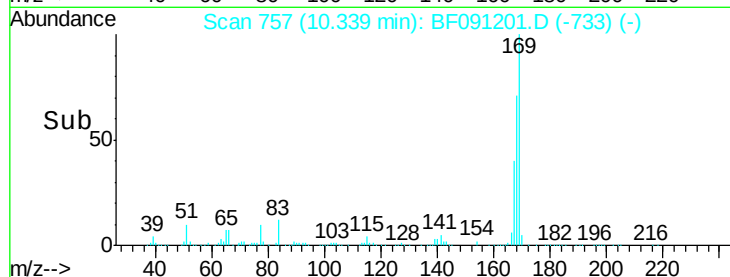
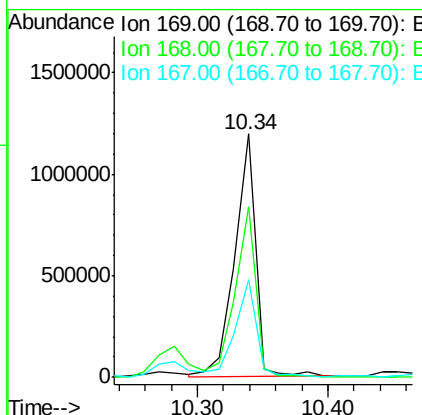
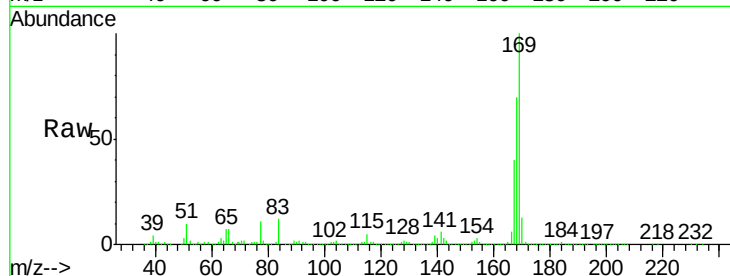




#65
 n-Nitrosodiphenylamine
 Concen: 60.87 ng
 RT: 10.34 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

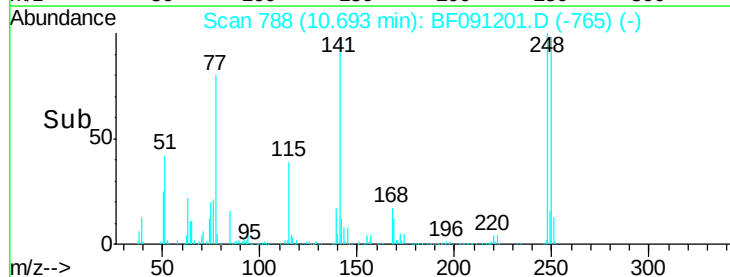
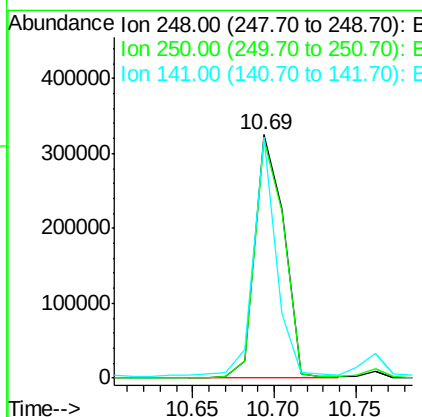
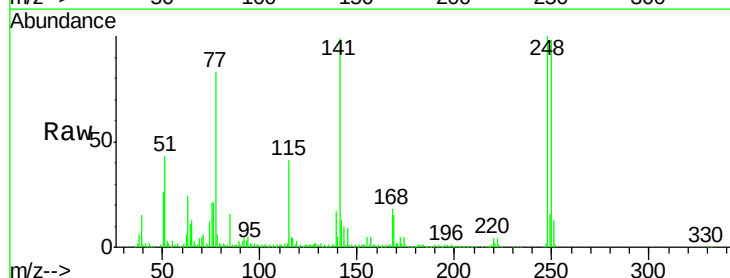
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

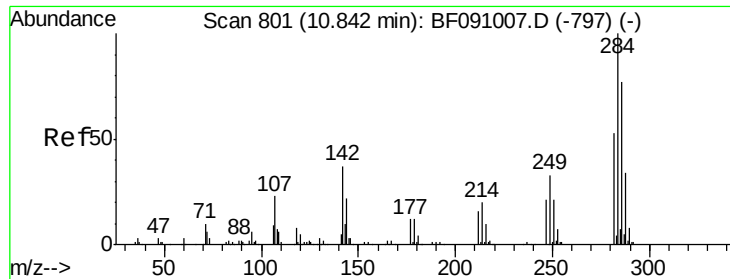
Tgt Ion:169 Resp: 1318114
 Ion Ratio Lower Upper
 169 100
 168 70.3 55.3 82.9
 167 40.0 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 56.63 ng
 RT: 10.69 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion:248 Resp: 401305
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.3 114.5
 141 99.0 86.8 130.2

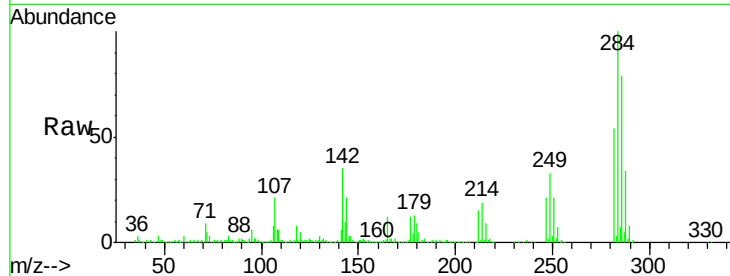




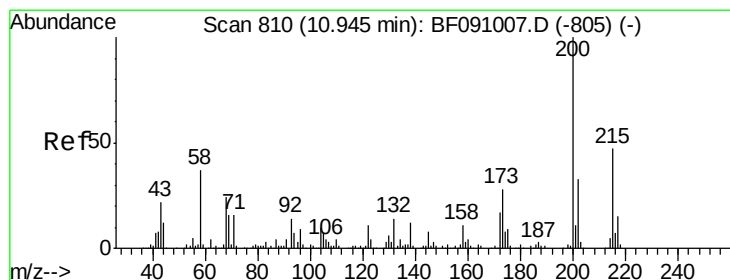
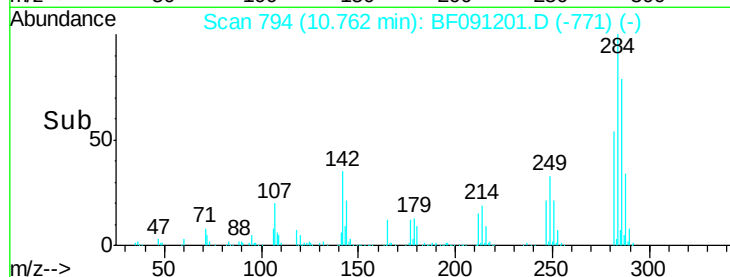
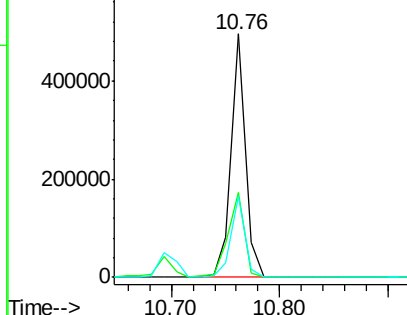
#67
Hexachlorobenzene
Concen: 57.71 ng
RT: 10.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	29.9	44.9
249	33.2	26.6	39.8

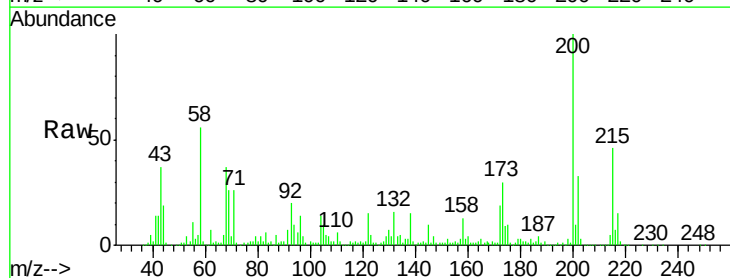


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

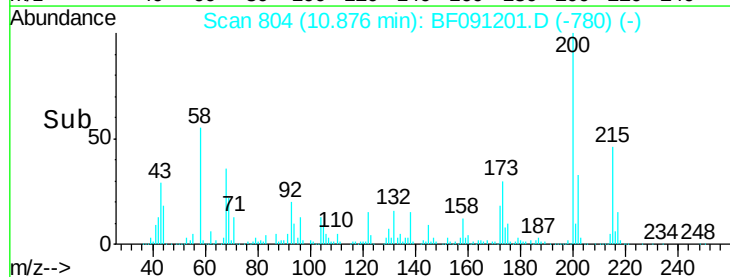
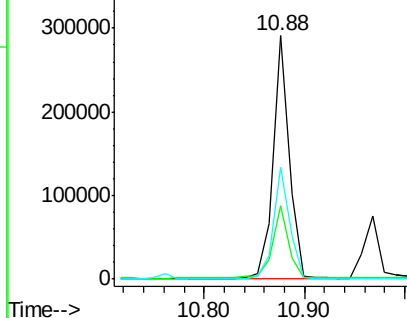


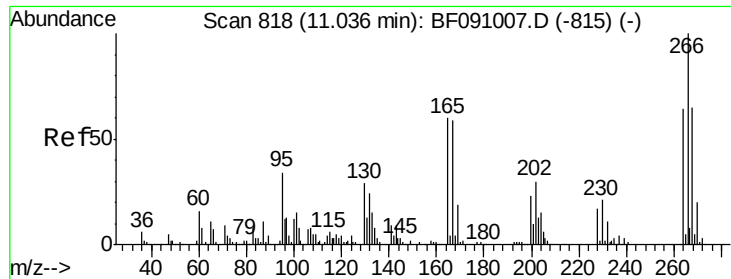
#68
Atrazine
Concen: 52.05 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.9	8.1	48.1
215	45.7	27.3	67.3



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

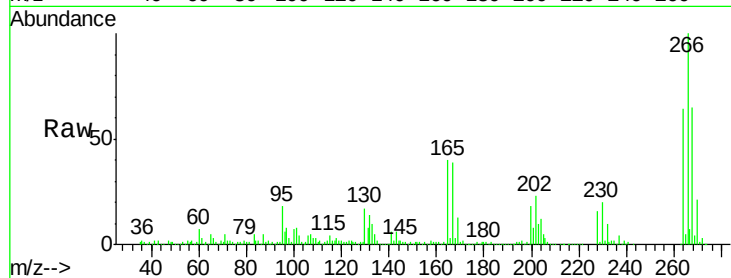




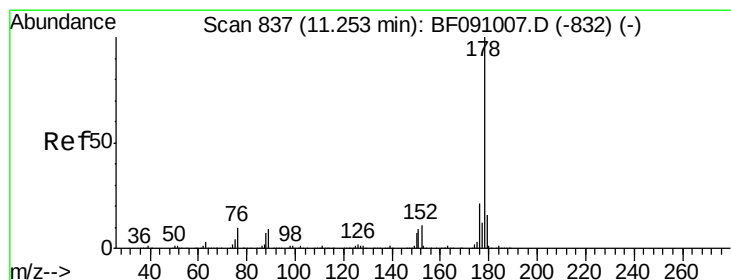
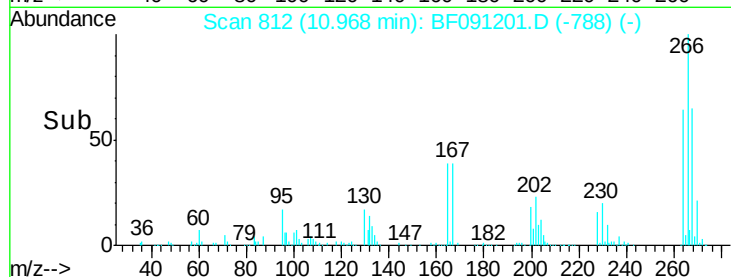
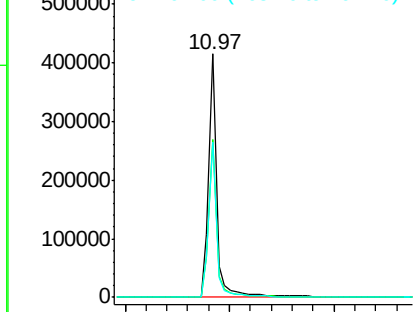
#69
 Pentachlorophenol
 Concen: 132.49 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

Tgt Ion:266 Resp: 458601
 Ion Ratio Lower Upper
 266 100
 268 64.9 52.1 78.1
 264 64.0 51.1 76.7

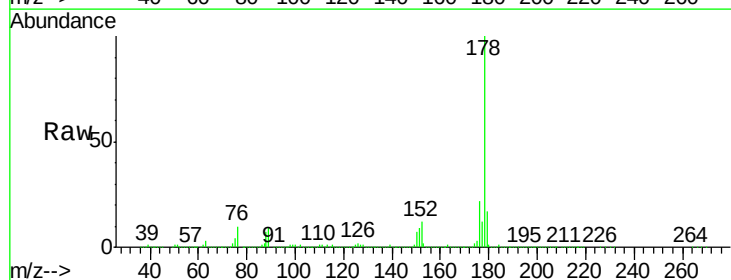


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

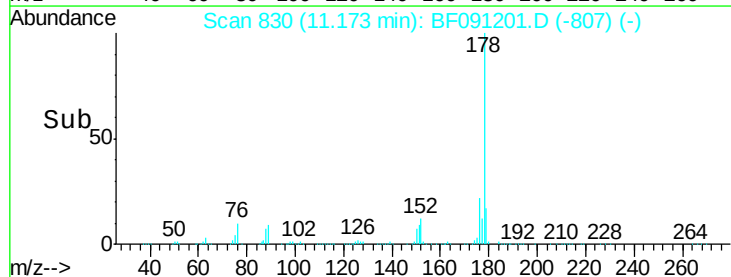
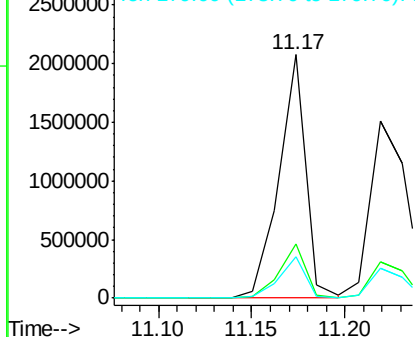


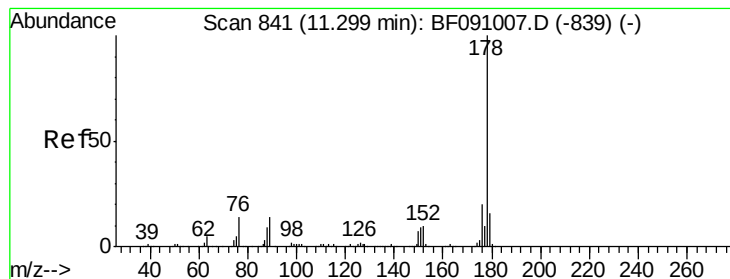
#70
 Phenanthrene
 Concen: 57.28 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion:178 Resp: 2074467
 Ion Ratio Lower Upper
 178 100
 176 22.2 16.6 25.0
 179 16.8 12.9 19.3



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: 51.69 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

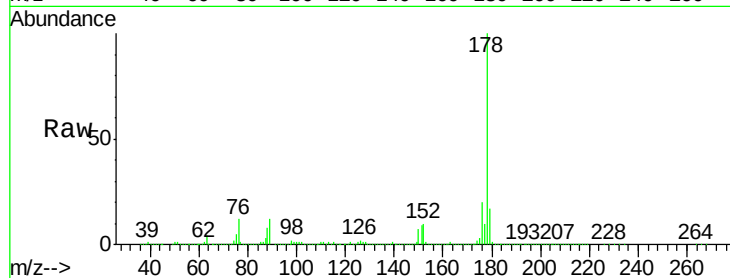
Tgt Ion:178 Resp: 1990251

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

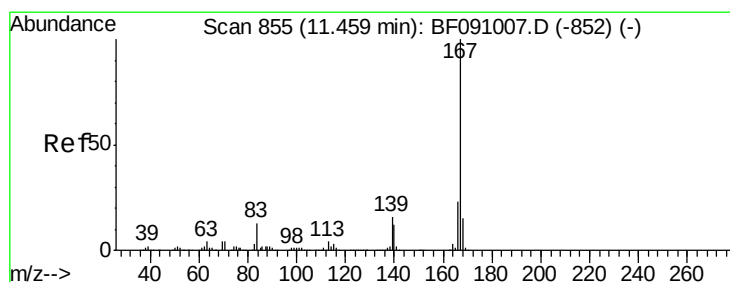
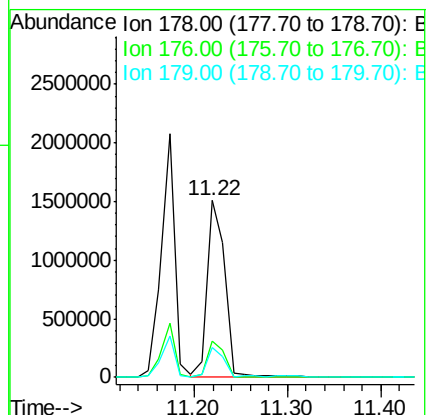
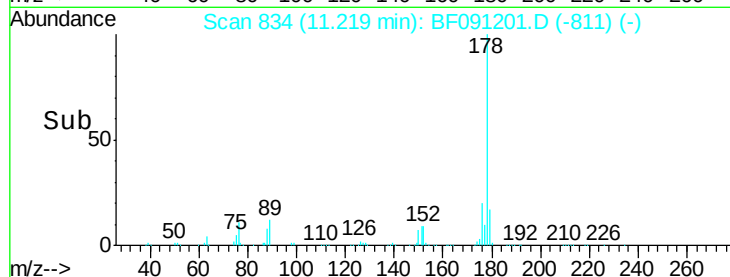
179 16.7 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 54.19 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

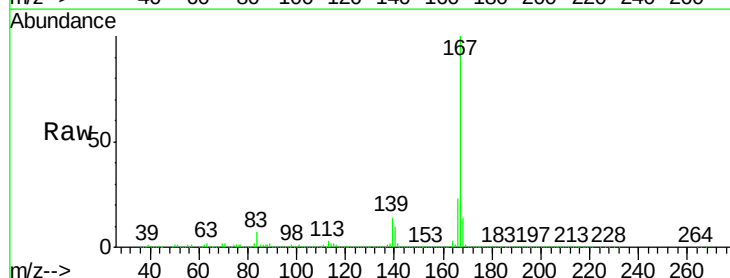
Tgt Ion:167 Resp: 1880021

Ion Ratio Lower Upper

167 100

166 23.2 18.0 27.0

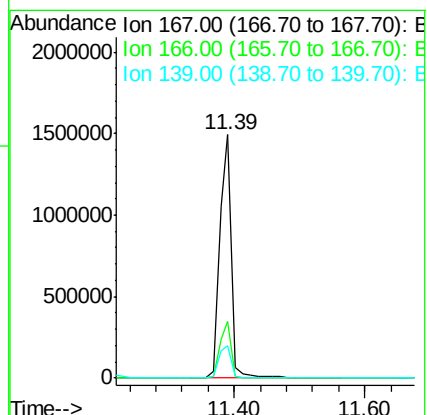
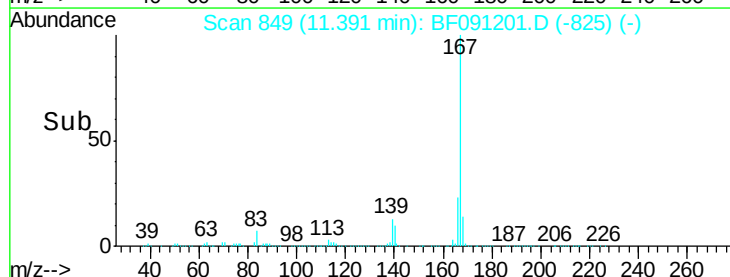
139 13.6 12.6 18.8

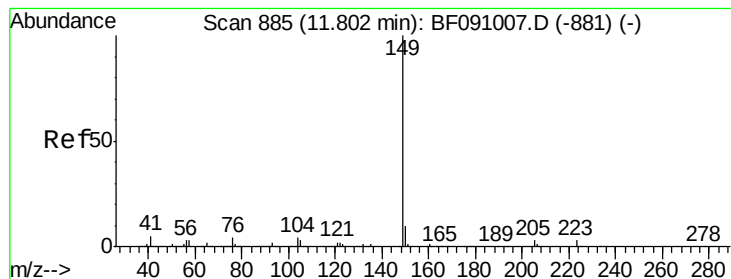


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.78 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

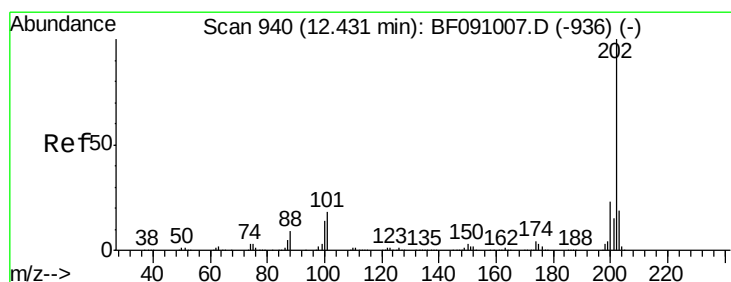
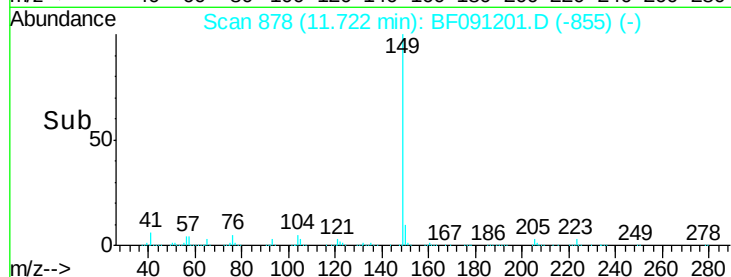
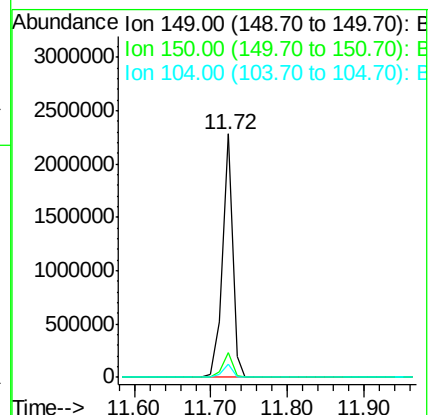
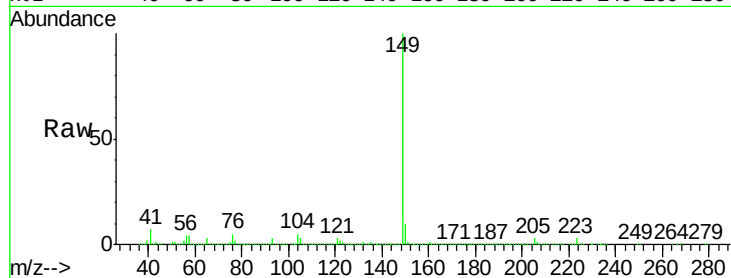
Tgt Ion:149 Resp: 2085034

Ion Ratio Lower Upper

149 100

150 10.4 7.7 11.5

104 5.5 3.6 5.4#



#74

Fluoranthene

Concen: 49.47 ng

RT: 12.35 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

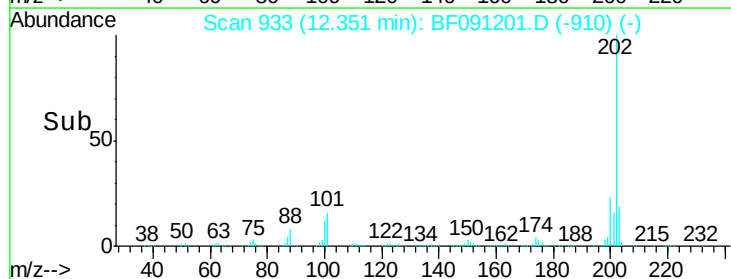
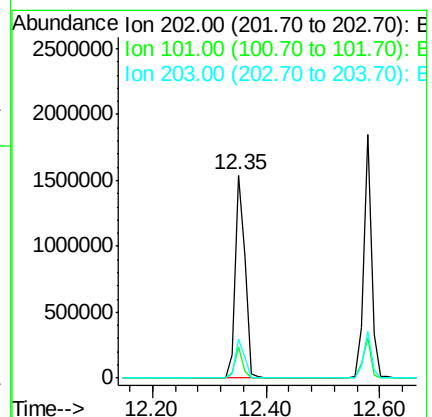
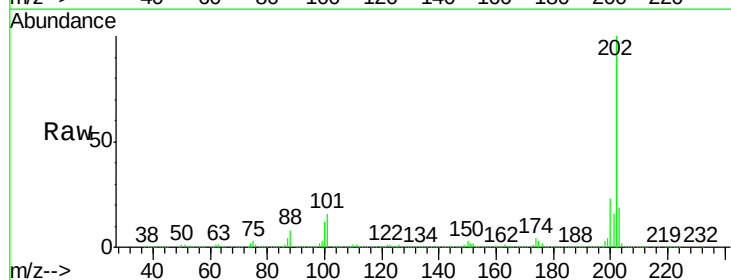
Tgt Ion:202 Resp: 1857986

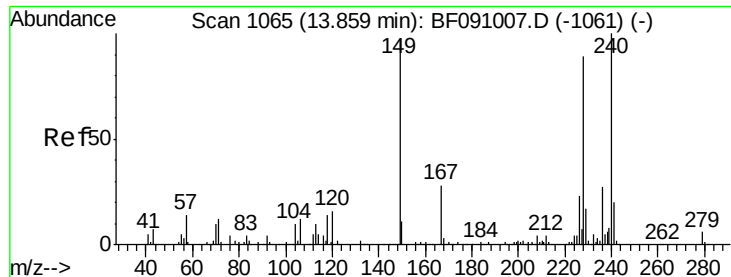
Ion Ratio Lower Upper

202 100

101 15.6 0.0 37.6

203 18.9 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

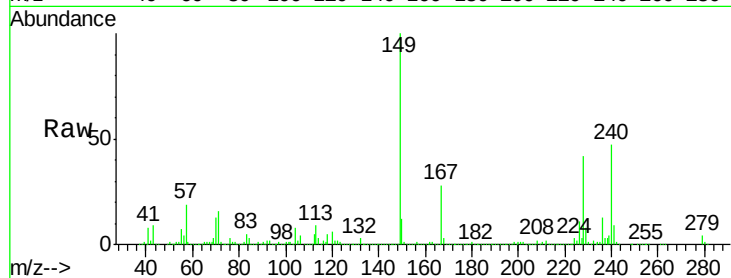
Tgt Ion:240 Resp: 495944

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

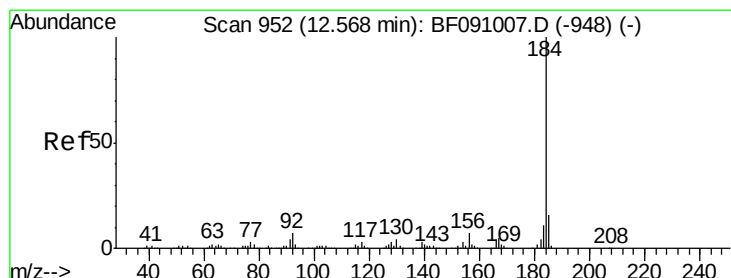
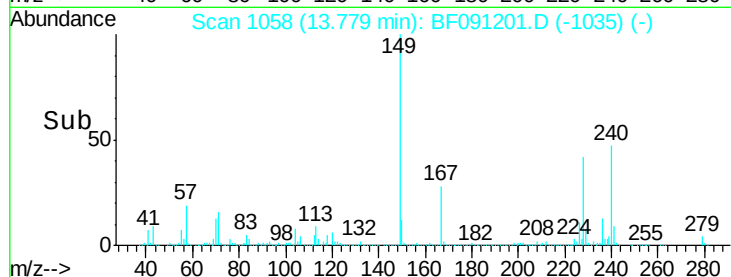
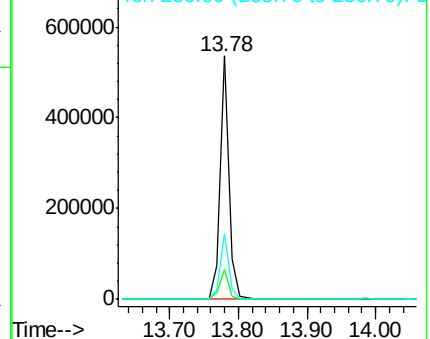
236 27.0 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.26 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

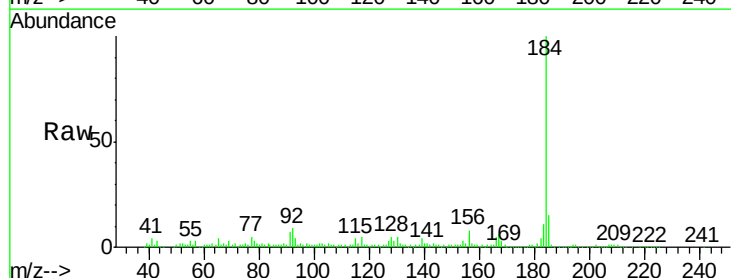
Tgt Ion:184 Resp: 224460

Ion Ratio Lower Upper

184 100

185 15.1 13.0 19.4

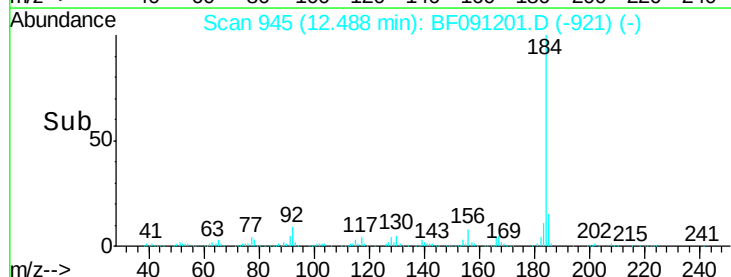
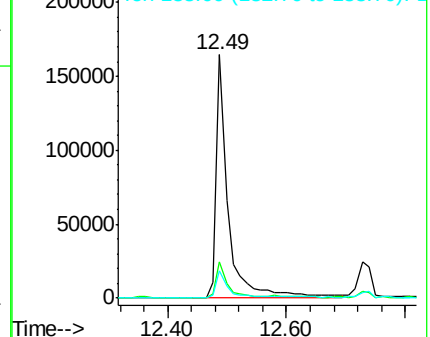
183 11.3 8.7 13.1

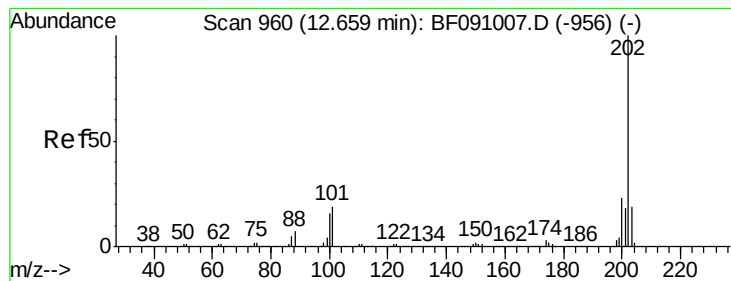


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 55.03 ng

RT: 12.58 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

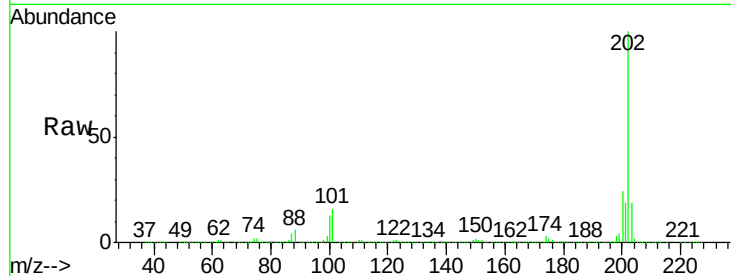
Tgt Ion:202 Resp: 1787194

Ion Ratio Lower Upper

202 100

200 23.8 18.4 27.6

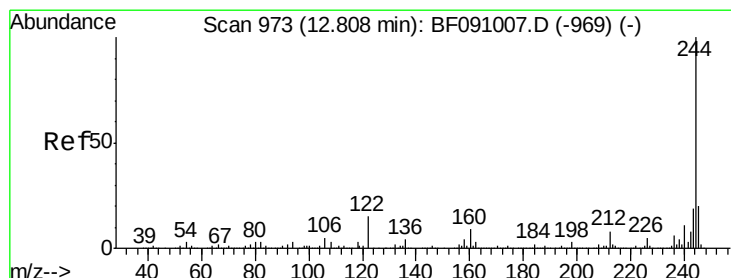
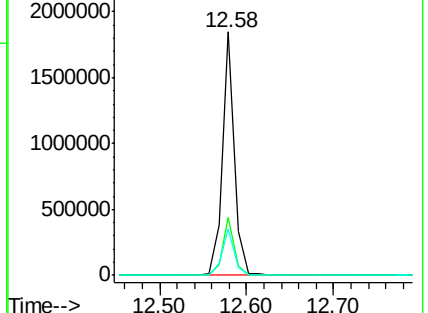
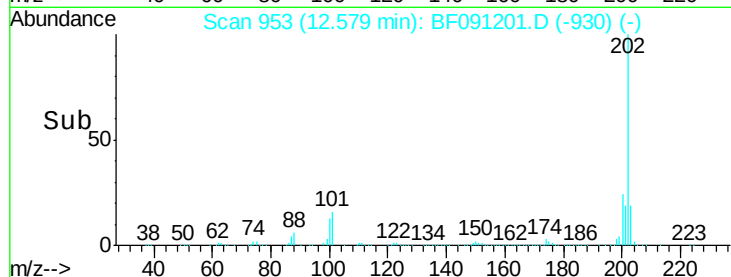
203 19.1 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 123.43 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

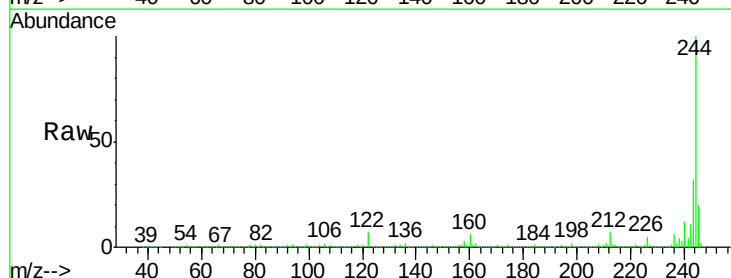
Tgt Ion:244 Resp: 2453039

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

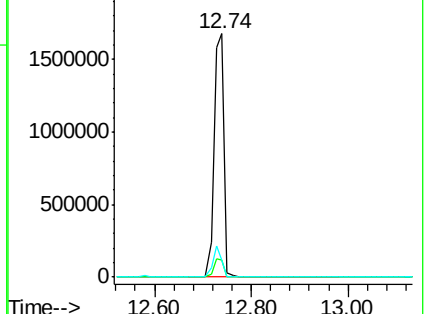
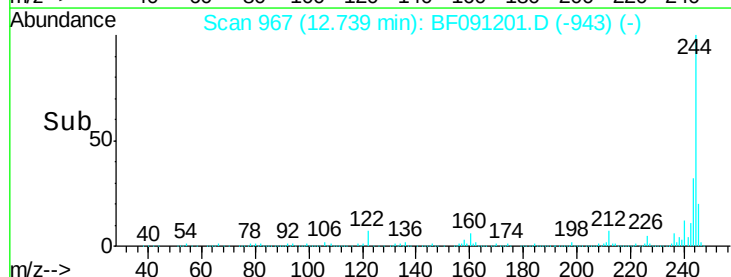
122 6.8 12.3 18.5

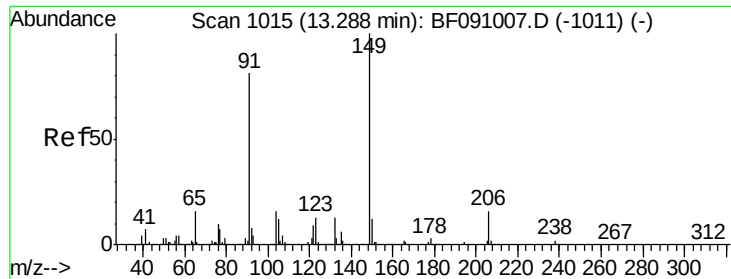


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

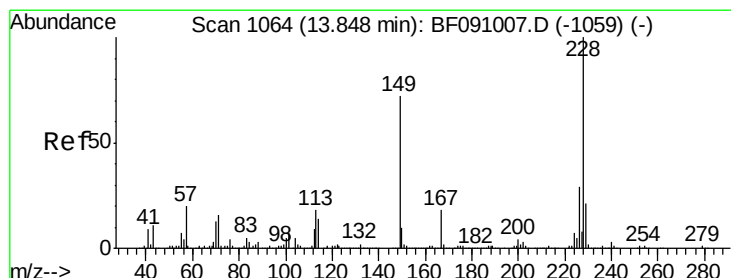
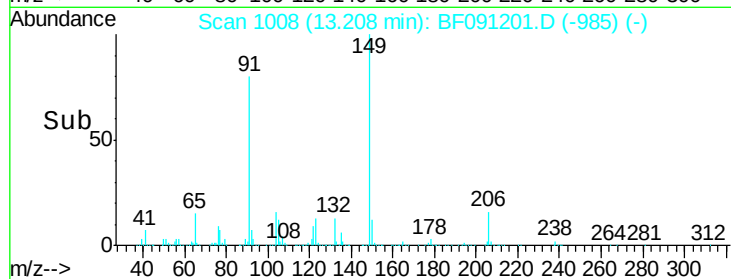
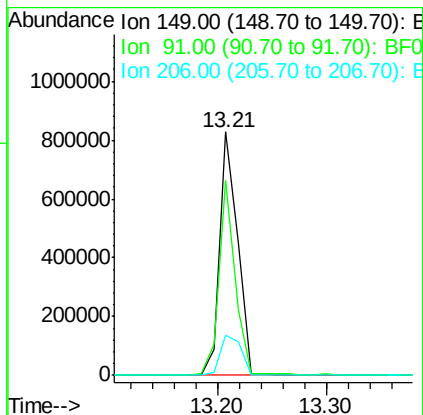
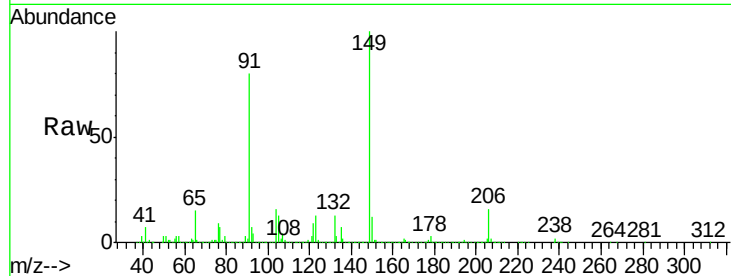




#79
Butylbenzylphthalate
Concen: 61.03 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

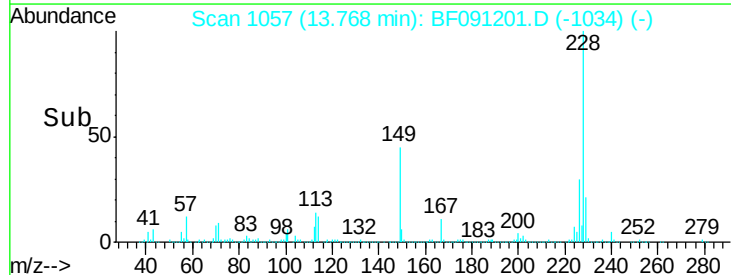
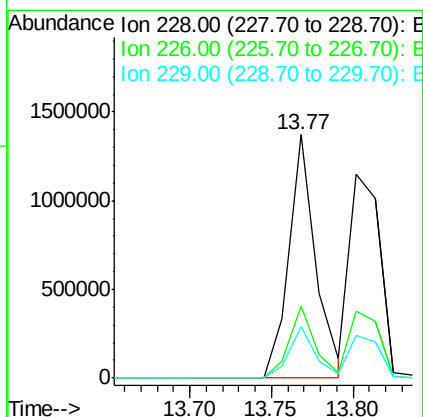
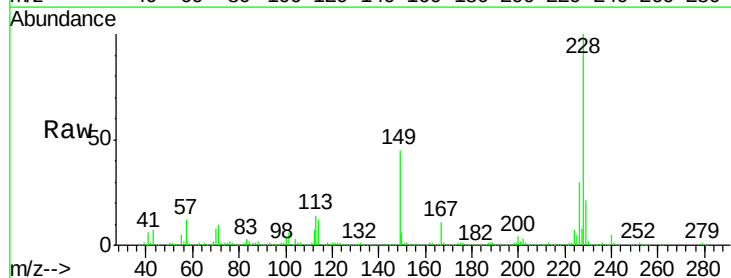
Instrument :
BNA_F
ClientSampleId :
C19023041MSD

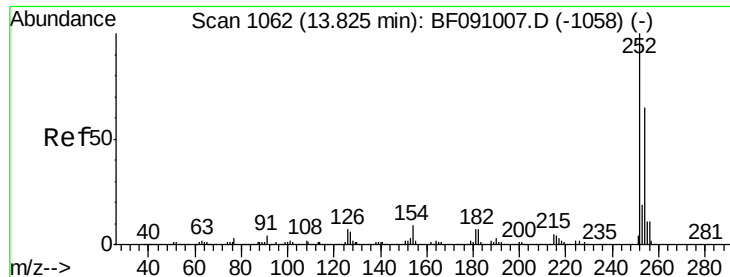
Tgt Ion:149 Resp: 948201
Ion Ratio Lower Upper
149 100
91 79.8 65.0 97.4
206 16.4 12.5 18.7



#80
Benzo(a)anthracene
Concen: 55.99 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion:228 Resp: 1576556
Ion Ratio Lower Upper
228 100
226 29.6 23.0 34.6
229 21.2 16.6 24.8

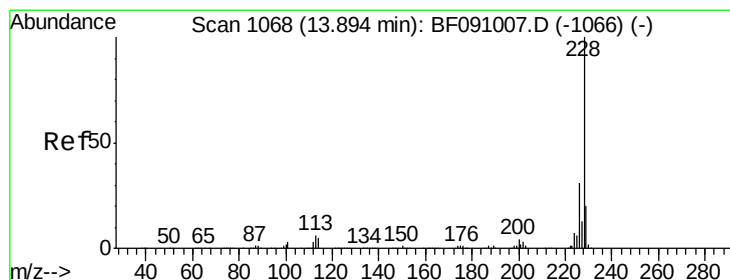
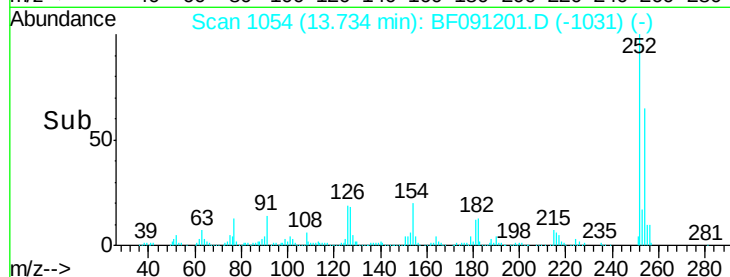
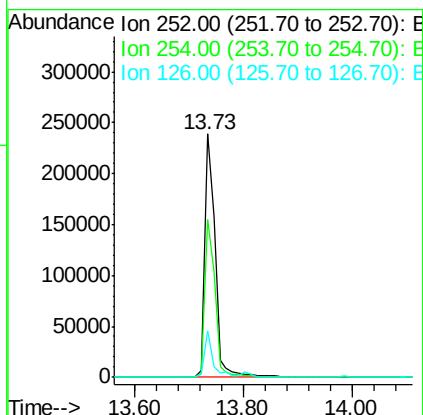
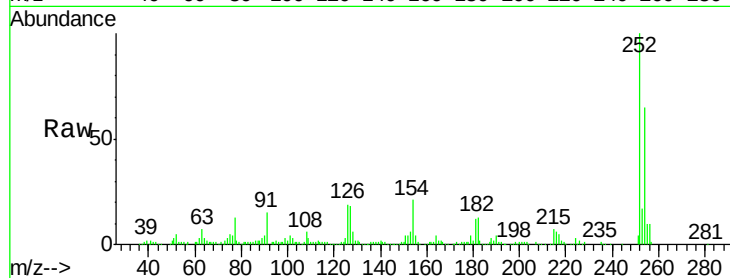




#81
 3,3'-Dichlorobenzidine
 Concen: 31.64 ng
 RT: 13.73 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

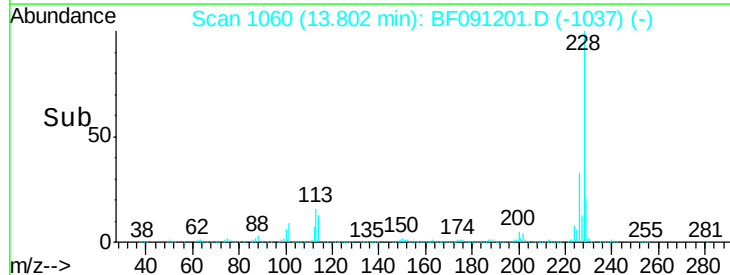
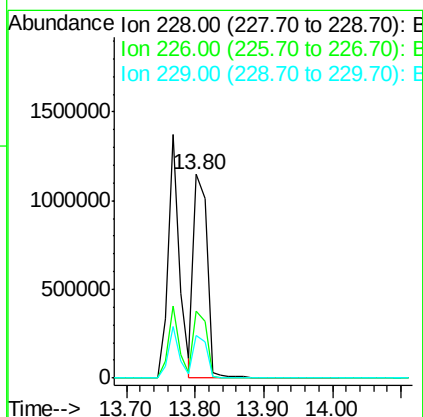
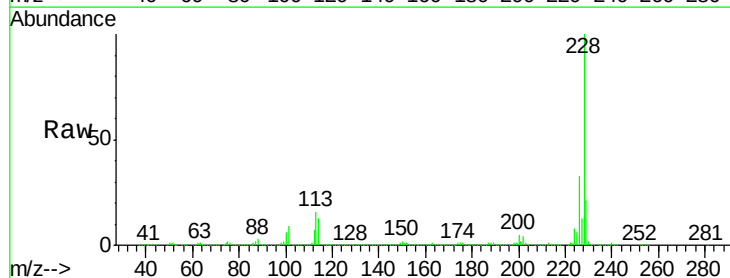
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

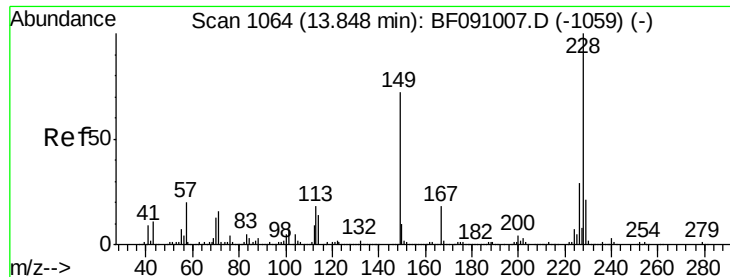
Tgt Ion: 252 Resp: 313010
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.0 78.0
 126 19.1 5.4 8.2#



#82
 Chrysene
 Concen: 55.41 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion: 228 Resp: 1538492
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.9 37.3
 229 21.0 15.9 23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.46 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

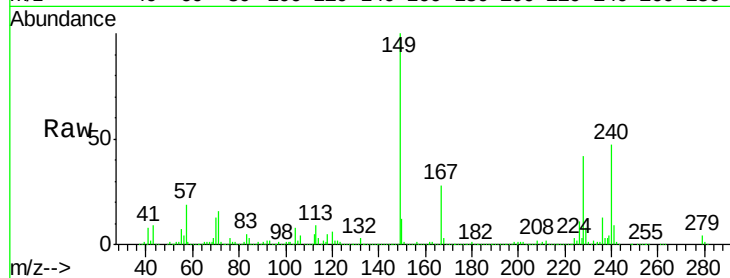
Tgt Ion:149 Resp: 1250039

Ion Ratio Lower Upper

149 100

167 28.4 20.4 30.6

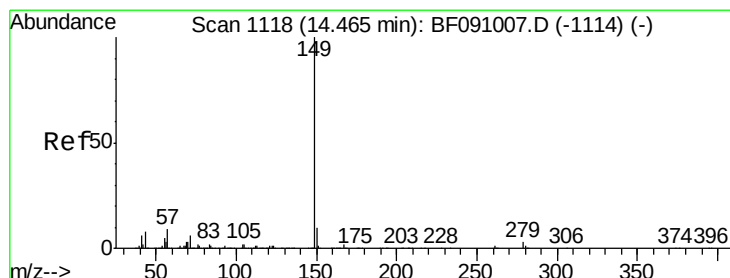
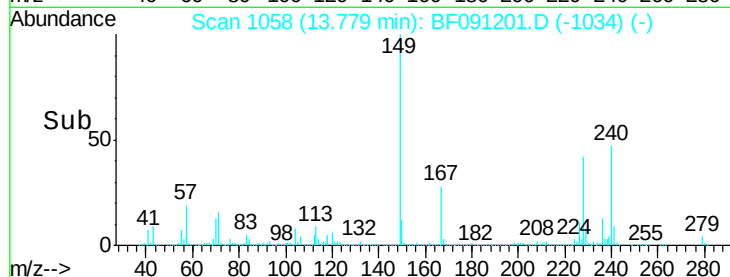
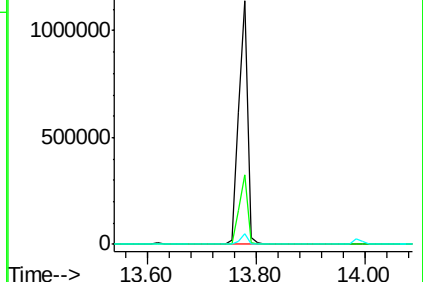
279 4.4 1.6 2.4#



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: 57.07 ng

RT: 14.39 min Scan# 1111

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

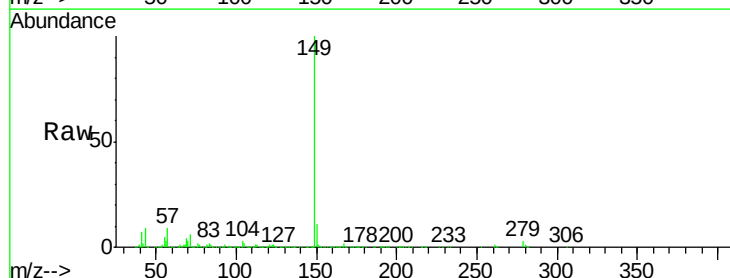
Tgt Ion:149 Resp: 1972799

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

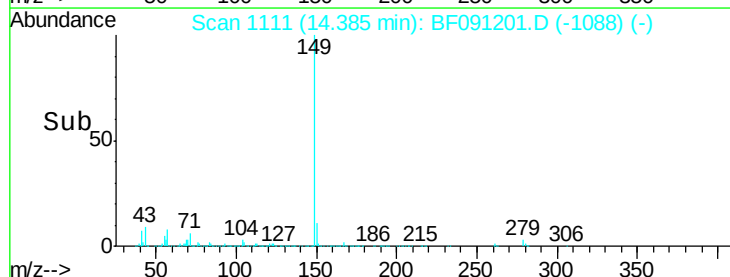
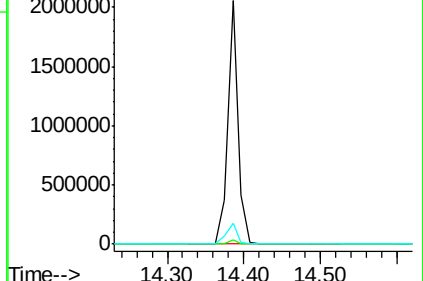
43 9.1 8.2 12.4

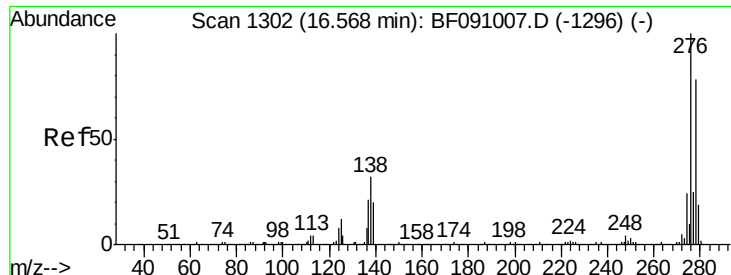


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

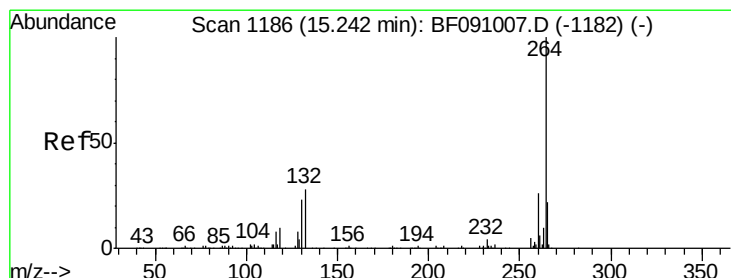
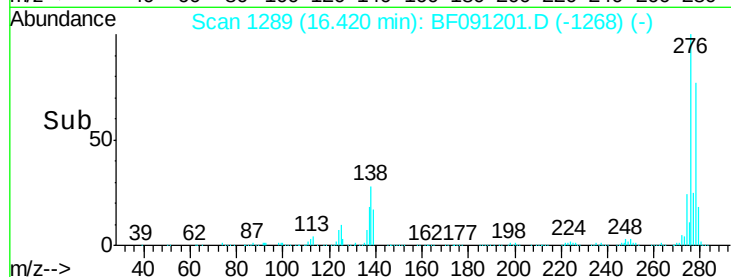
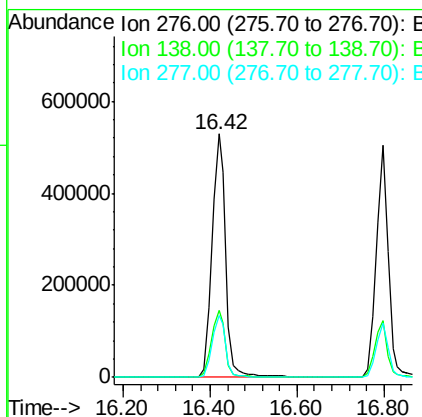
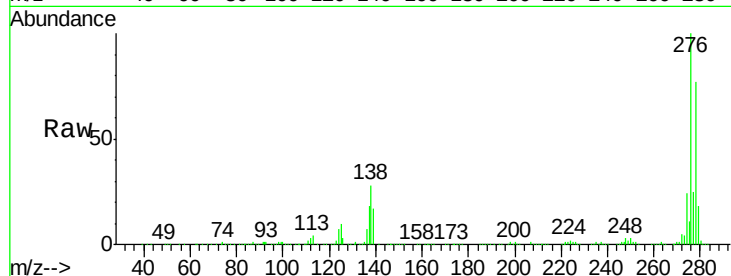




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.96 ng
 RT: 16.42 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

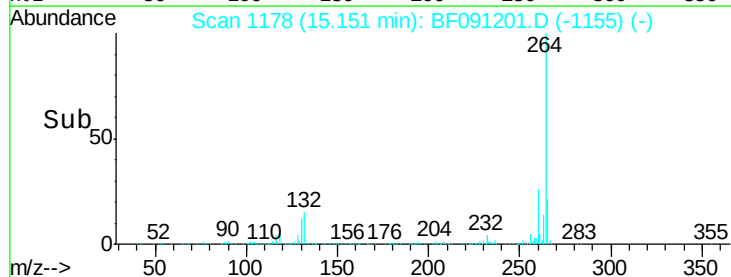
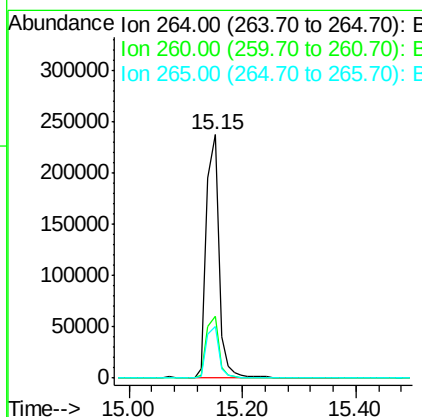
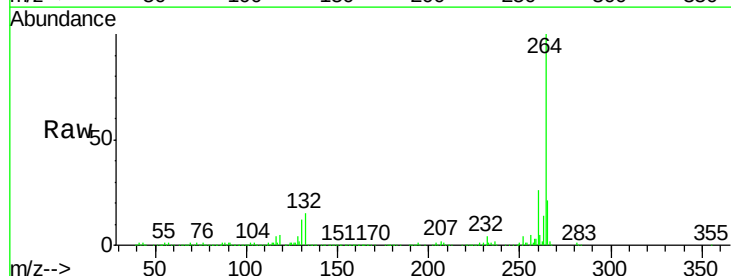
Instrument :
 BNA_F
 ClientSampleId :
 C19023041MSD

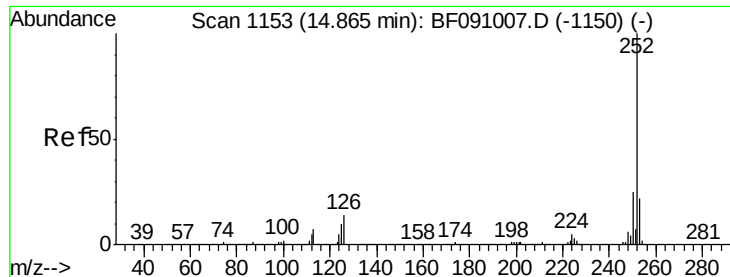
Tgt Ion:276 Resp: 1196986
 Ion Ratio Lower Upper
 276 100
 138 28.2 26.0 39.0
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091201.D
 Acq: 16 Nov 2016 21:17

Tgt Ion:264 Resp: 353286
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.6 30.8
 265 21.1 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 111.32 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD

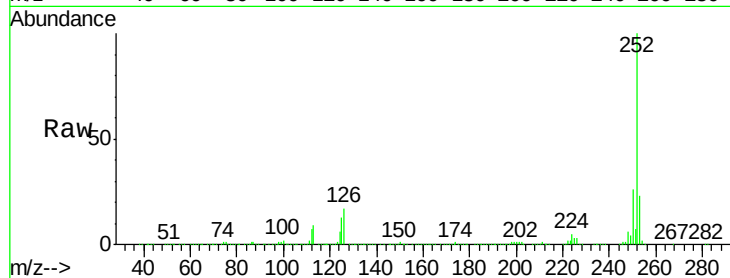
Tgt Ion:252 Resp: 2667252

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

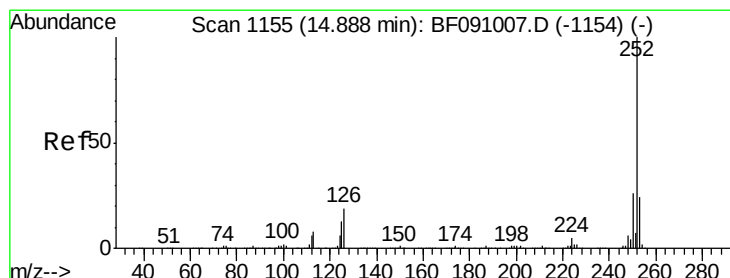
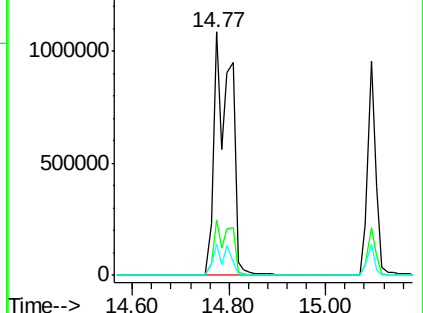
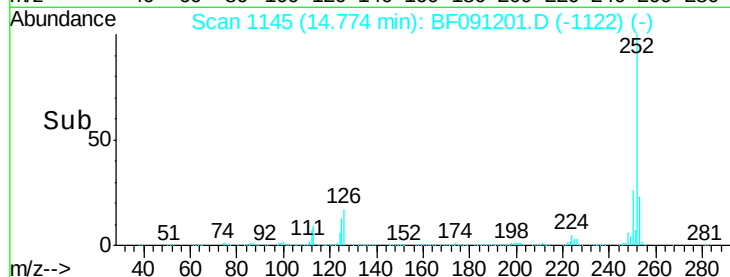
125 12.7 8.3 12.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 126.94 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.06 min

Lab File: BF091201.D

Acq: 16 Nov 2016 21:17

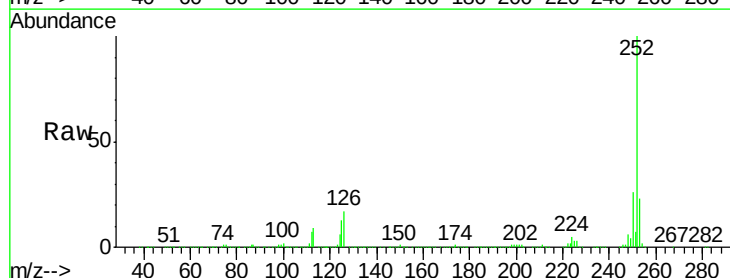
Tgt Ion:252 Resp: 2668155

Ion Ratio Lower Upper

252 100

253 23.0 18.6 28.0

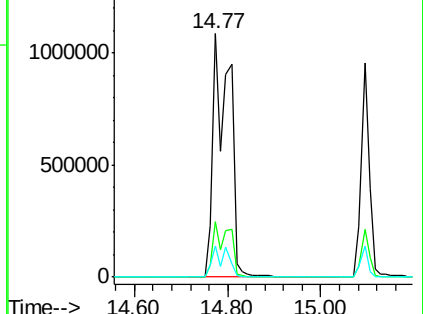
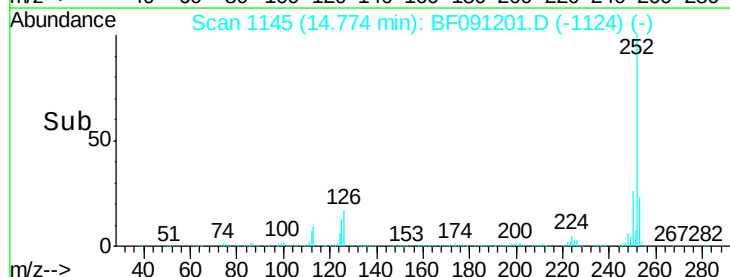
125 12.7 11.2 16.8

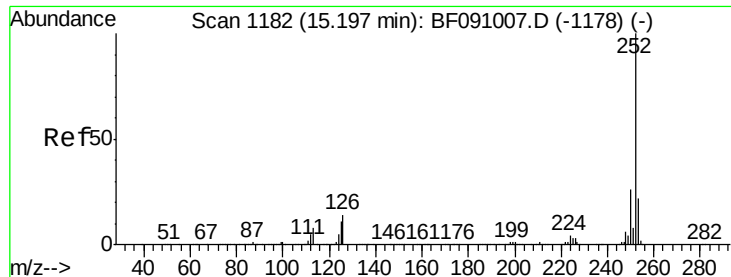


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

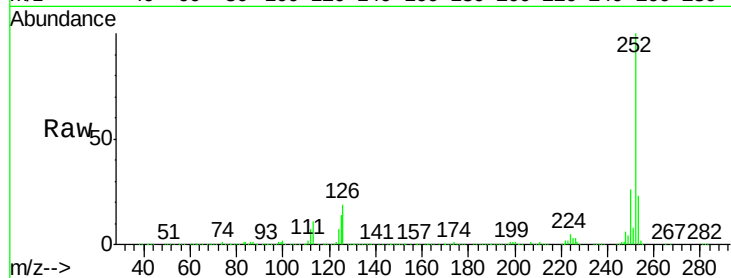




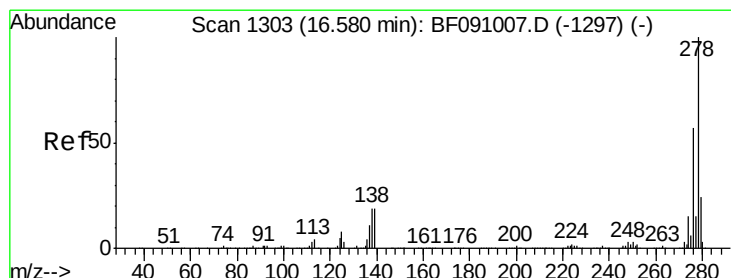
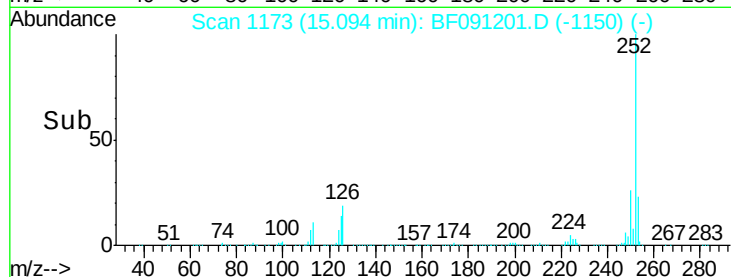
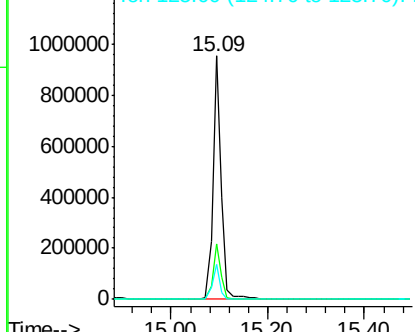
#89
Benzo(a)pyrene
Concen: 54.70 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Instrument :
BNA_F
ClientSampleId :
C19023041MSD

Tgt Ion: 252 Resp: 1141058
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 14.3 8.6 13.0#

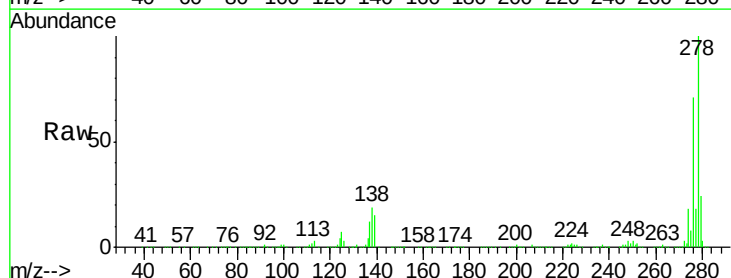


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

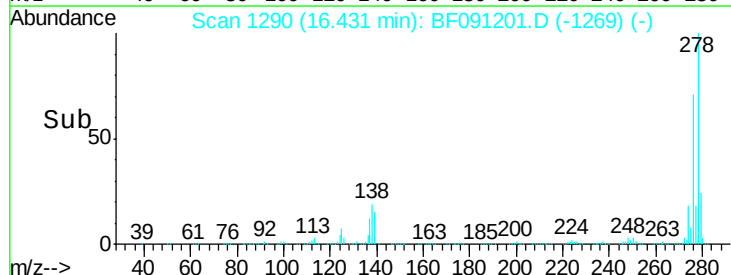
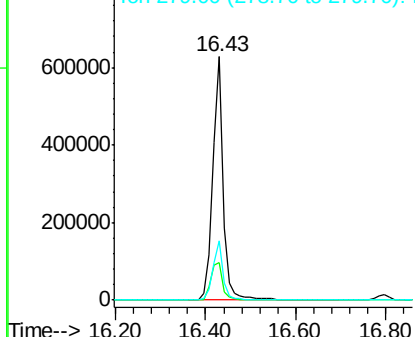


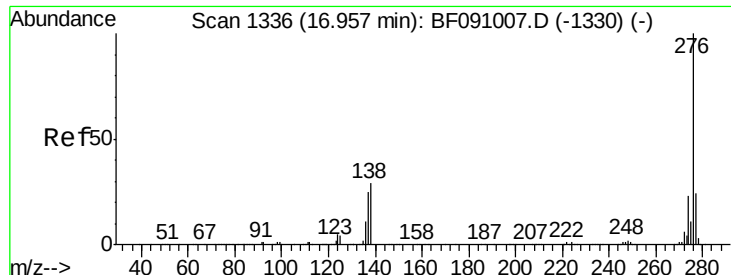
#90
Dibenzo(a,h)anthracene
Concen: 56.35 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091201.D
Acq: 16 Nov 2016 21:17

Tgt Ion: 278 Resp: 1016086
Ion Ratio Lower Upper
278 100
139 15.4 15.3 22.9
279 24.3 19.3 28.9



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: 58.83 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091201.D

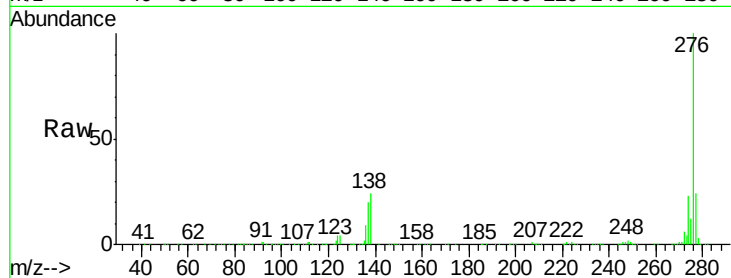
Acq: 16 Nov 2016 21:17

Instrument :

BNA_F

ClientSampleId :

C19023041MSD



Tgt Ion: 276 Resp: 959421

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 24.3 23.3 34.9

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

