

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091275.D
 Acq On : 23 Nov 2016 13:58
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

Quant Time: Nov 25 04:29:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 04:24:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	201675	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	848332	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	481941	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	821203	20.00	ng	0.00
75) Chrysene-d12	14.04	240	709339	20.00	ng	0.00
86) Perylene-d12	15.47	264	569246	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	997607	79.48	ng	0.00
7) Phenol-d6	6.50	99	1306771	81.03	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1224517	83.10	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	363941	74.88	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1977174	67.17	ng	-0.01
78) Terphenyl-d14	12.99	244	2074515	66.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	231200	39.05	ng	88
3) Pyridine	3.21	79	636175	39.98	ng	# 85
4) n-Nitrosodimethylamine	3.16	42	349697	40.14	ng	98
6) Aniline	6.53	93	836504	40.58	ng	# 73
8) 2-Chlorophenol	6.66	128	536324	39.23	ng	83
9) Benzaldehyde	6.42	77	308102	37.89	ng	90
10) Phenol	6.52	94	725443	40.32	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	508436	38.44	ng	98
12) 1,3-Dichlorobenzene	6.82	146	587320	39.40	ng	97
13) 1,4-Dichlorobenzene	6.90	146	634464	41.58	ng	100
14) 1,2-Dichlorobenzene	7.05	146	527240	36.42	ng	99
15) Benzyl Alcohol	7.02	79	528964	42.24	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1128517	38.91	ng	72
17) 2-Methylphenol	7.13	107	428168	39.58	ng	# 76
18) Hexachloroethane	7.40	117	214334	39.45	ng	# 86
19) n-Nitroso-di-n-propylamine	7.30	70	398931	39.43	ng	# 96
20) 3+4-Methylphenols	7.29	107	556684	41.92	ng	# 66
22) Acetophenone	7.29	105	689607	36.03	ng	# 74
24) Nitrobenzene	7.46	77	548034	35.15	ng	94
25) Isophorone	7.71	82	1082085	39.31	ng	95
26) 2-Nitrophenol	7.78	139	279362	44.67	ng	91
27) 2,4-Dimethylphenol	7.81	122	481747	36.71	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	618592	37.74	ng	98
29) 2,4-Dichlorophenol	8.02	162	468993	40.44	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	516542	38.66	ng	95
31) Naphthalene	8.19	128	1668373	40.88	ng	100
32) Benzoic acid	7.94	122	410259	39.70	ng	92
33) 4-Chloroaniline	8.24	127	740182	41.69	ng	99
34) Hexachlorobutadiene	8.32	225	296807	37.58	ng	99
35) Caprolactam	8.61	113	152982	42.79	ng	# 86
36) 4-Chloro-3-methylphenol	8.72	107	534677	42.90	ng	89
37) 2-Methylnaphthalene	8.88	142	983569	35.12	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	524334	40.15	ng	98
40) Hexachlorocyclopentadiene	9.04	237	231911	39.67	ng	99

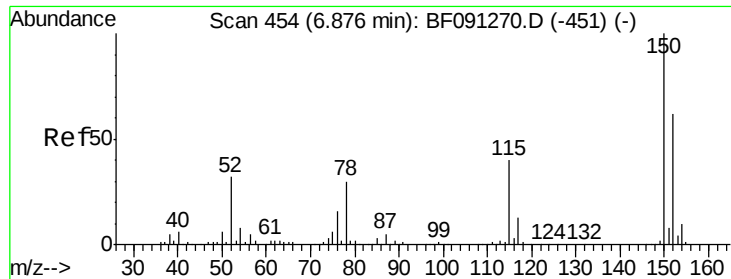
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	353543	39.25	ng	98
43) 2,4,5-Trichlorophenol	9.20	196	333312	38.52	ng	# 91
45) 1,1'-Biphenyl	9.34	154	1323681	38.10	ng	97
46) 2-Chloronaphthalene	9.37	162	989760	38.89	ng	98
47) 2-Nitroaniline	9.46	65	383036	44.35	ng	# 81
48) Acenaphthylene	9.78	152	1526357	37.42	ng	99
49) Dimethylphthalate	9.65	163	1236387	41.09	ng	98
50) 2,6-Dinitrotoluene	9.70	165	258995	39.40	ng	90
51) Acenaphthene	9.95	154	1065716	38.39	ng	97
52) 3-Nitroaniline	9.87	138	297425	42.09	ng	93
53) 2,4-Dinitrophenol	9.97	184	114315	47.03	ng	# 85
54) Dibenzofuran	10.12	168	1395461	35.74	ng	98
55) 4-Nitrophenol	10.02	139	230755	45.27	ng	98
56) 2,4-Dinitrotoluene	10.10	165	342508	41.18	ng	# 57
57) Fluorene	10.46	166	1055065	35.31	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	274832	36.12	ng	97
59) Diethylphthalate	10.35	149	1215430	40.14	ng	95
60) 4-Chlorophenyl-phenylether	10.46	204	537454	39.05	ng	93
61) 4-Nitroaniline	10.49	138	300010	45.50	ng	92
62) Azobenzene	10.62	77	1303030	42.42	ng	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	169856	45.61	ng	# 70
65) n-Nitrosodiphenylamine	10.58	169	941666	37.77	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	369013	41.11	ng	# 75
67) Hexachlorobenzene	11.01	284	370124	37.62	ng	# 84
68) Atrazine	11.11	200	238387	35.84	ng	98
69) Pentachlorophenol	11.21	266	252669	43.40	ng	97
70) Phenanthrene	11.43	178	1556951	36.55	ng	99
71) Anthracene	11.48	178	1830943	42.03	ng	99
72) Carbazole	11.63	167	1509807	38.95	ng	99
73) Di-n-butylphthalate	11.97	149	1892600	42.16	ng	100
74) Fluoranthene	12.61	202	1762911	40.68	ng	98
76) Benzidine	12.73	184	532229	38.71	ng	98
77) Pyrene	12.84	202	1837715	35.06	ng	99
79) Butylbenzylphthalate	13.47	149	826534	39.41	ng	# 83
80) Benzo(a)anthracene	14.03	228	1487714	36.95	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	557446	41.99	ng	# 98
82) Chrysene	14.07	228	1472636	38.71	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	1009704	38.67	ng	# 94
84) Di-n-octyl phthalate	14.64	149	1774833	43.18	ng	98
85) Indeno(1,2,3-cd)pyrene	16.89	276	1159046	35.37	ng	96
87) Benzo(b)fluoranthene	15.06	252	1306924	36.39	ng	98
88) Benzo(k)fluoranthene	15.06	252	1306924	44.56	ng	# 97
89) Benzo(a)pyrene	15.41	252	1188191	38.89	ng	97
90) Dibenzo(a,h)anthracene	16.91	278	1038921	36.83	ng	# 94
91) Benzo(g,h,i)perylene	17.32	276	994529	35.55	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. -0.00 min

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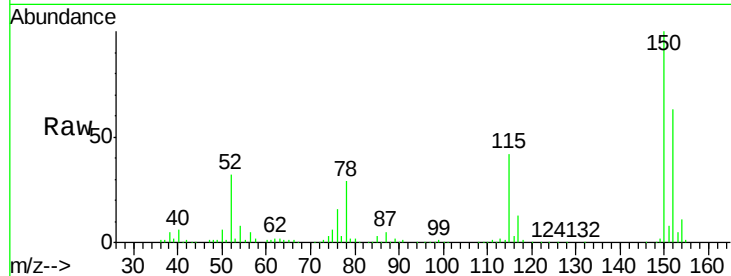
Tgt Ion:152 Resp: 201675

Ion Ratio Lower Upper

152 100

150 157.5 122.5 183.7

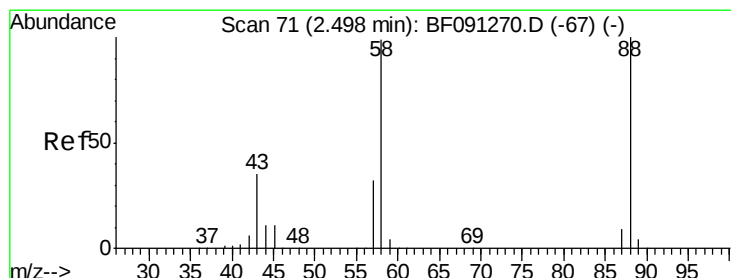
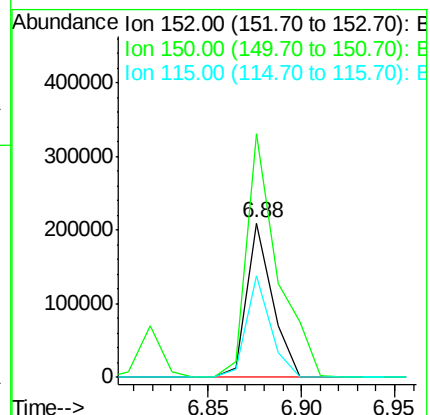
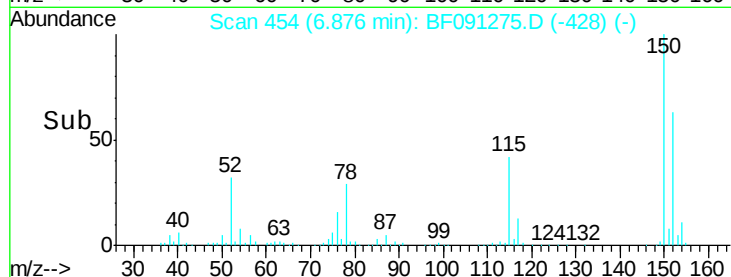
115 65.5 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.05 ng

RT: 2.49 min Scan# 70

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

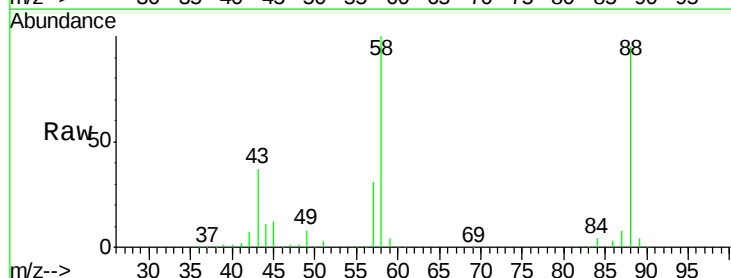
Tgt Ion: 88 Resp: 231200

Ion Ratio Lower Upper

88 100

58 103.4 70.3 105.5

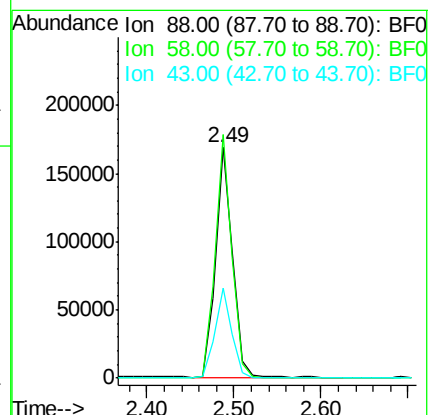
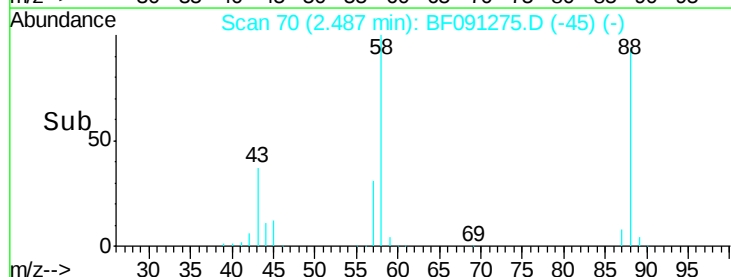
43 38.7 31.3 46.9

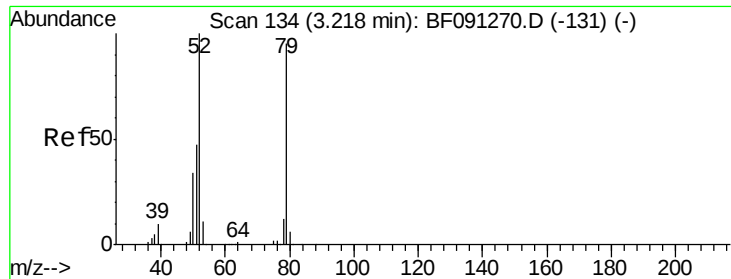


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.98 ng

RT: 3.21 min Scan# 133

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

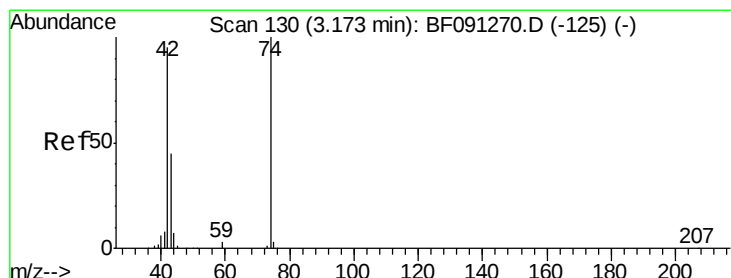
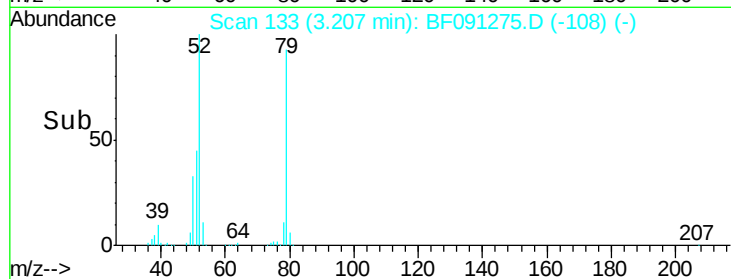
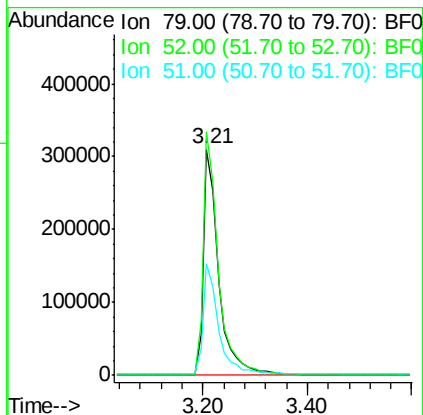
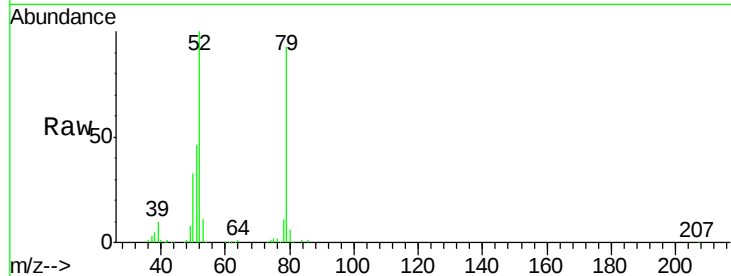
Tgt Ion: 79 Resp: 636175

Ion Ratio Lower Upper

79 100

52 107.9 71.0 106.4#

51 49.7 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 40.14 ng

RT: 3.16 min Scan# 129

Delta R.T. -0.02 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

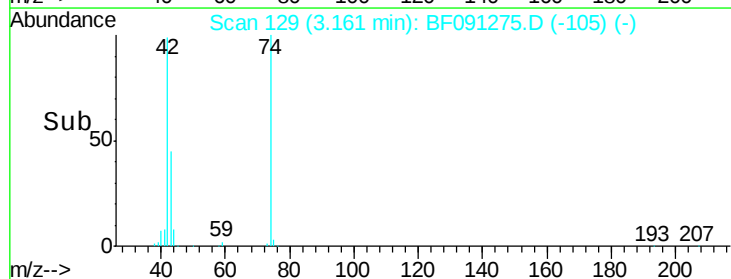
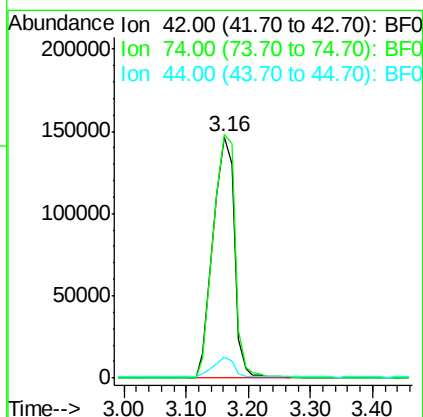
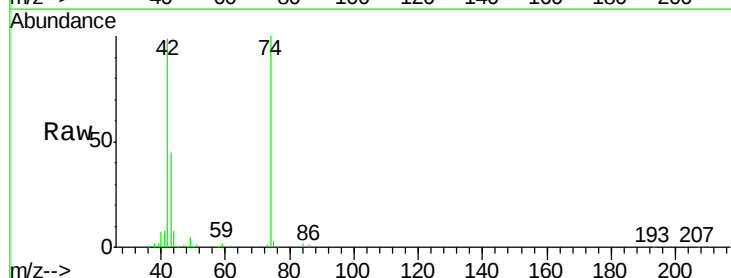
Tgt Ion: 42 Resp: 349697

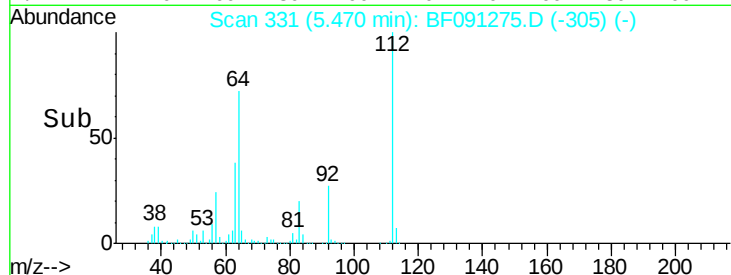
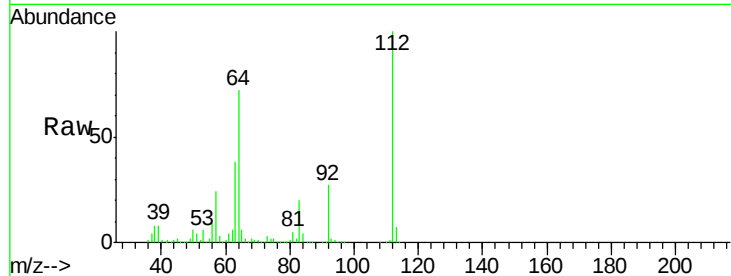
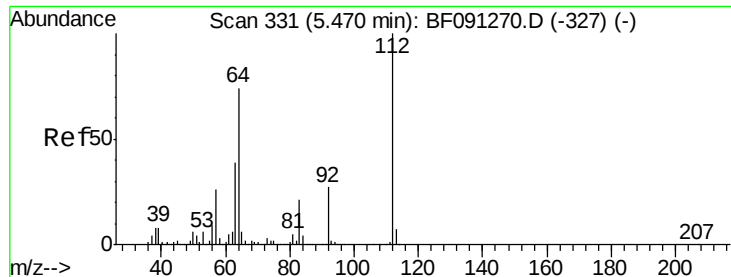
Ion Ratio Lower Upper

42 100

74 100.9 78.9 118.3

44 8.6 5.8 8.6





#5

2-Fluorophenol

Concen: 79.48 ng

RT: 5.47 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

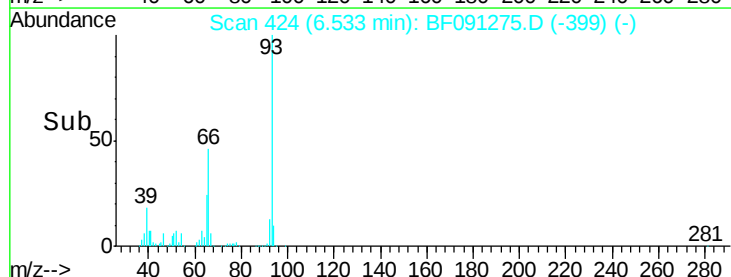
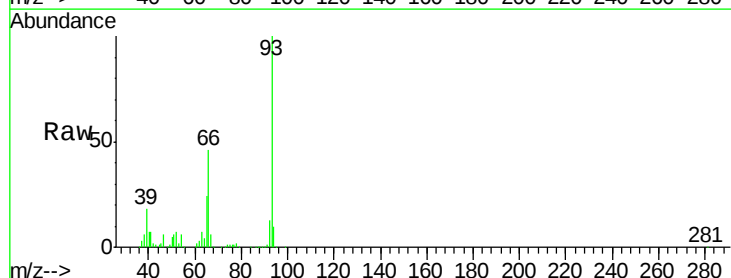
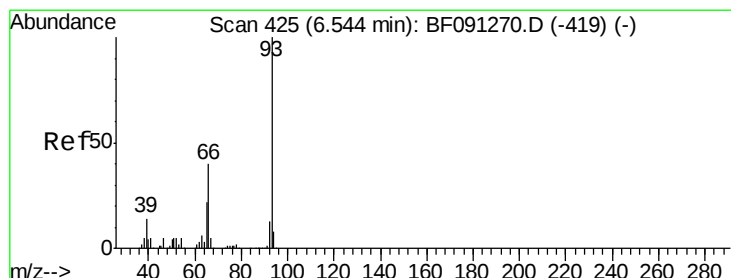
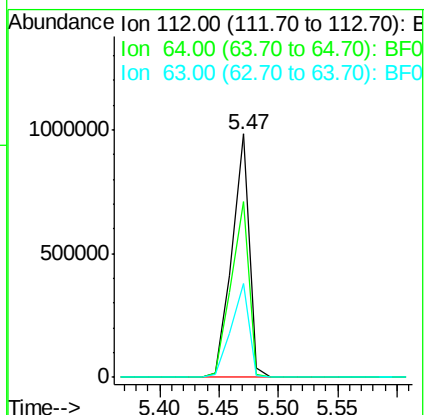
Tgt Ion: 112 Resp: 997607

Ion Ratio Lower Upper

112 100

64 72.1 61.5 92.3

63 38.3 33.3 49.9



#6

Aniline

Concen: 40.58 ng

RT: 6.53 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

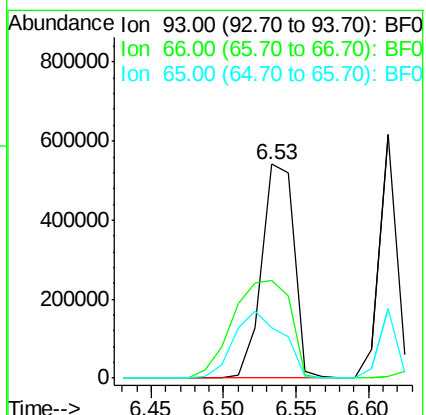
Tgt Ion: 93 Resp: 836504

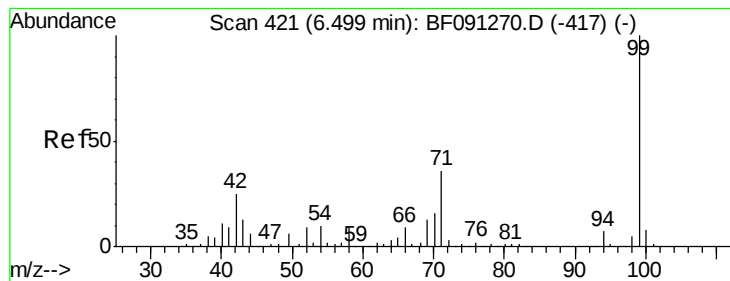
Ion Ratio Lower Upper

93 100

66 45.5 55.8 83.6#

65 23.7 29.9 44.9#





#7

Phenol-d6

Concen: 81.03 ng

RT: 6.50 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

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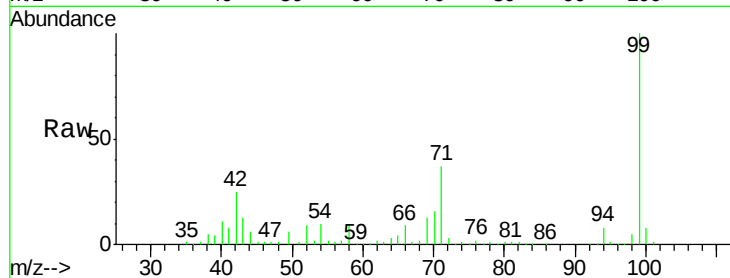
Tgt Ion: 99 Resp: 1306771

Ion Ratio Lower Upper

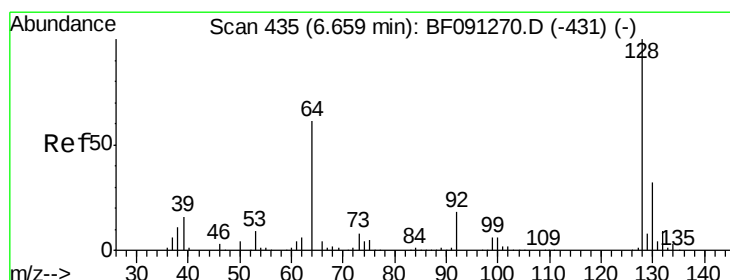
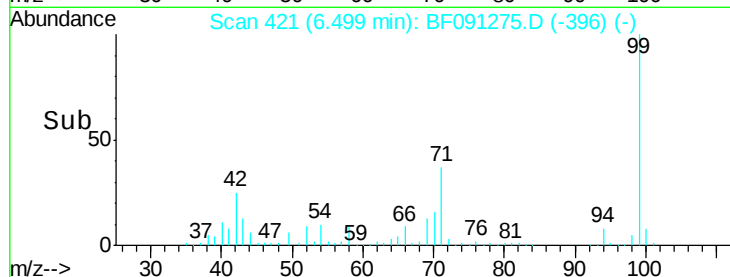
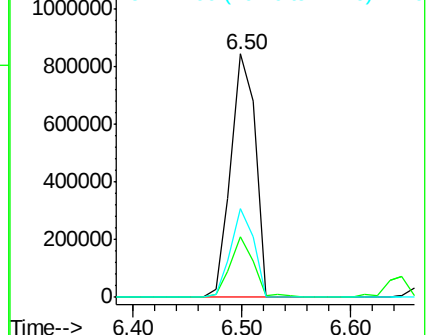
99 100

42 25.1 20.6 31.0

71 36.6 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.23 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

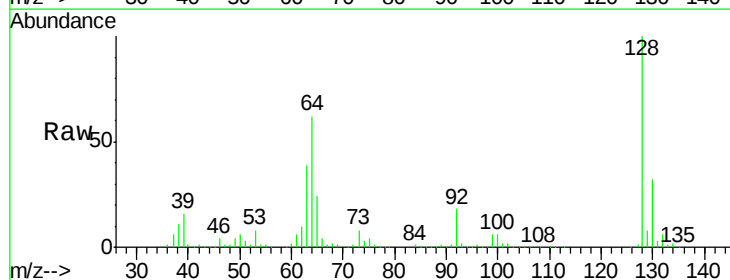
Tgt Ion: 128 Resp: 536324

Ion Ratio Lower Upper

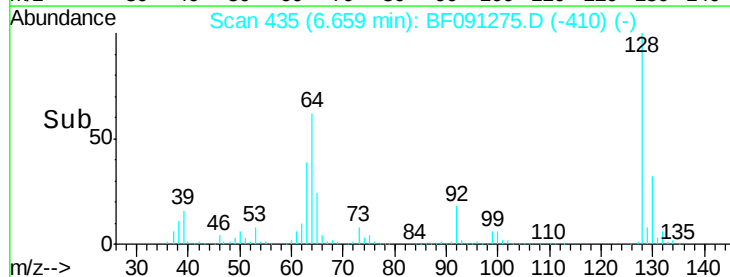
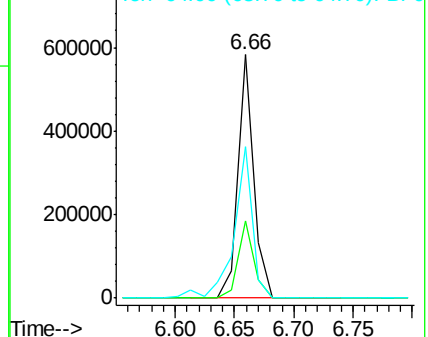
128 100

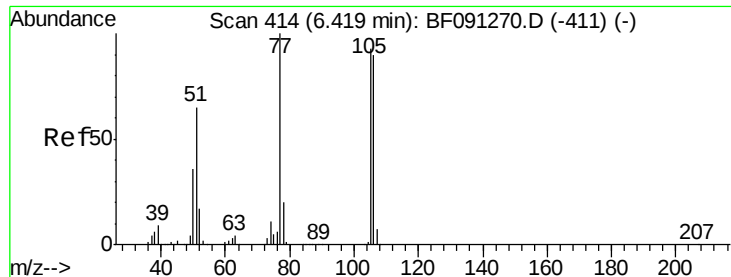
130 31.6 13.1 53.1

64 62.2 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.89 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.00 min

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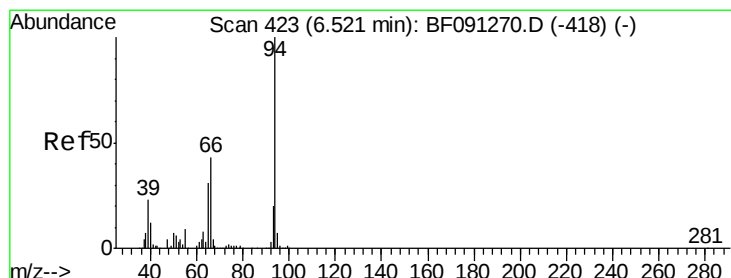
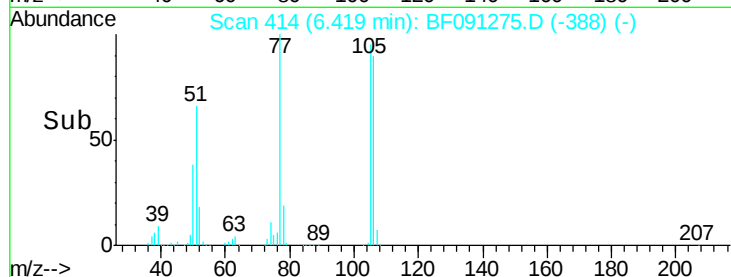
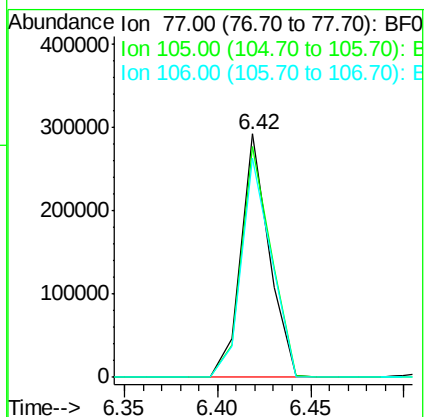
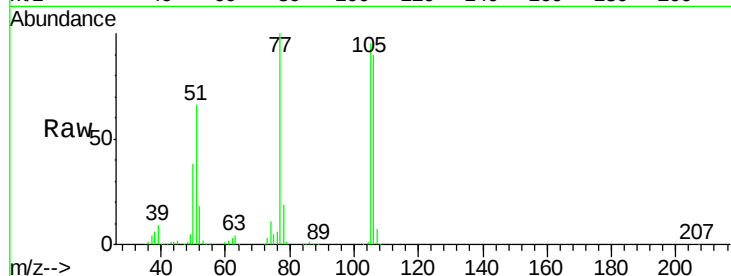
Tgt Ion: 77 Resp: 308102

Ion Ratio Lower Upper

77 100

105 94.8 66.4 106.4

106 90.0 60.9 100.9



#10

Phenol

Concen: 40.32 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

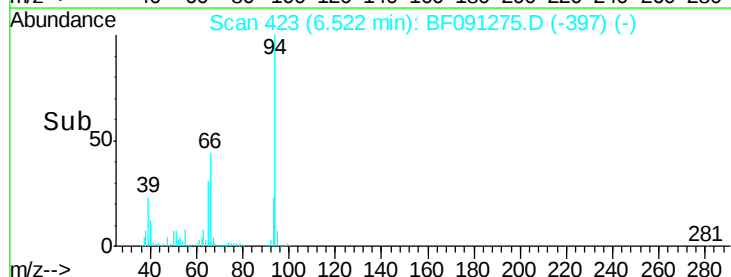
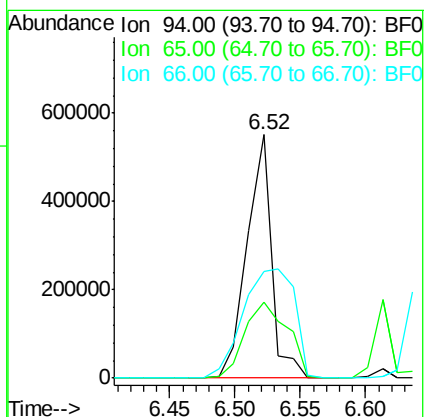
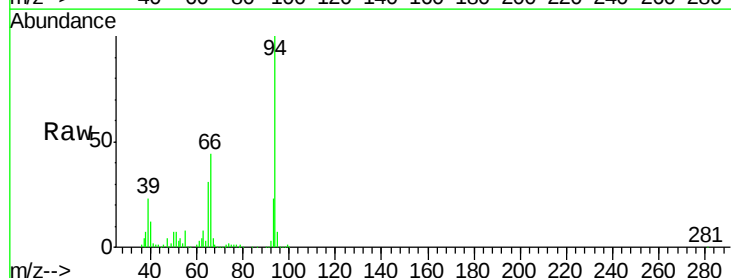
Tgt Ion: 94 Resp: 725443

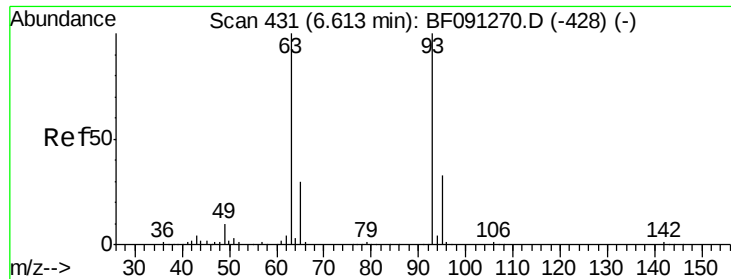
Ion Ratio Lower Upper

94 100

65 30.9 16.9 56.9

66 43.7 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 38.44 ng

RT: 6.61 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

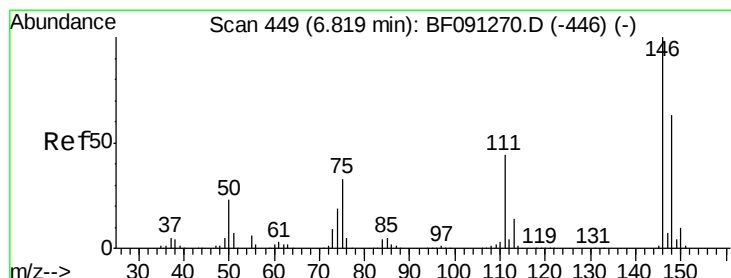
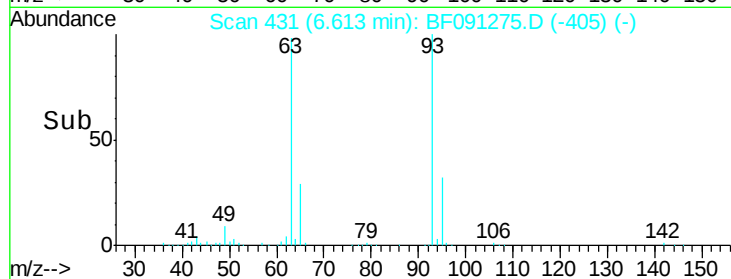
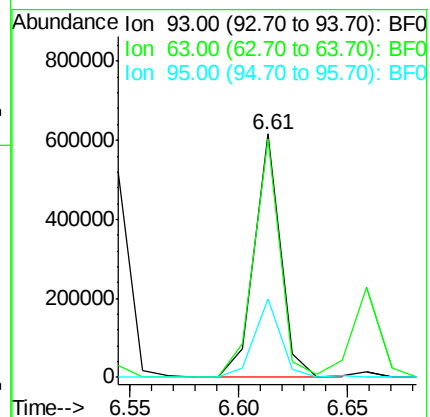
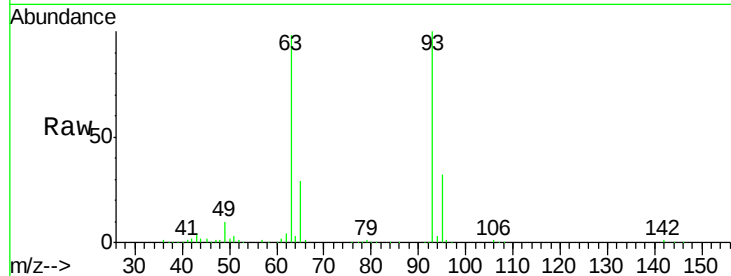
Tgt Ion: 93 Resp: 508436

Ion Ratio Lower Upper

93 100

63 97.7 74.8 114.8

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.40 ng

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

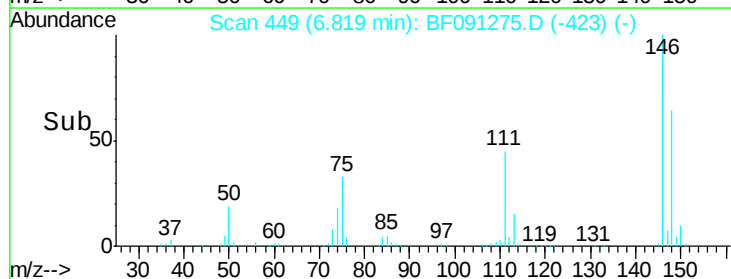
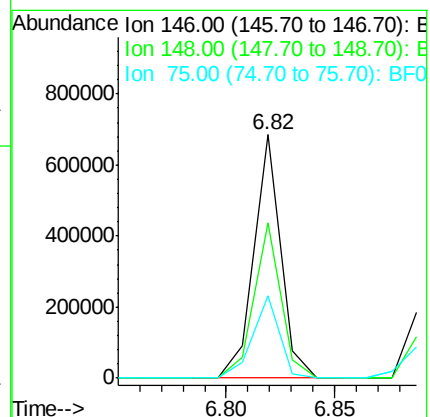
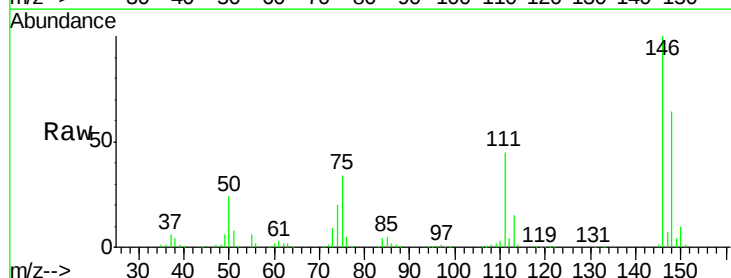
Tgt Ion: 146 Resp: 587320

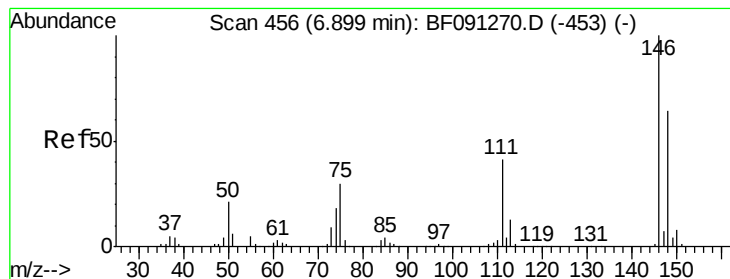
Ion Ratio Lower Upper

146 100

148 63.8 51.4 77.0

75 33.8 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 41.58 ng

RT: 6.90 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

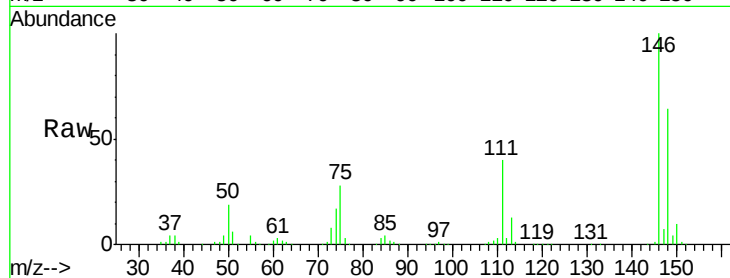
Tgt Ion:146 Resp: 634464

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

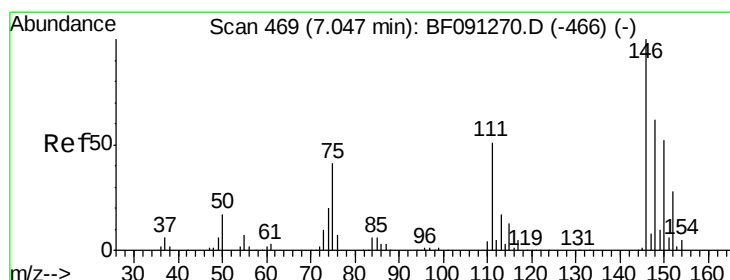
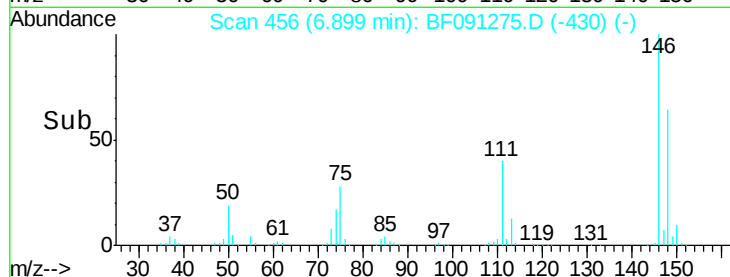
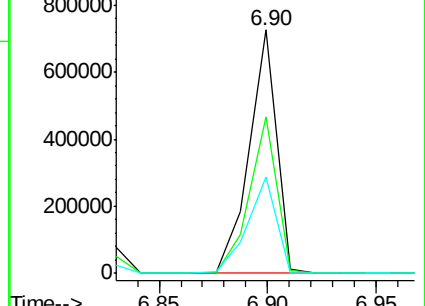
111 39.8 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.42 ng

RT: 7.05 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

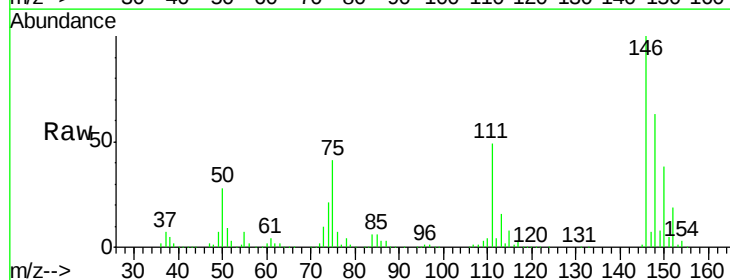
Tgt Ion:146 Resp: 527240

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

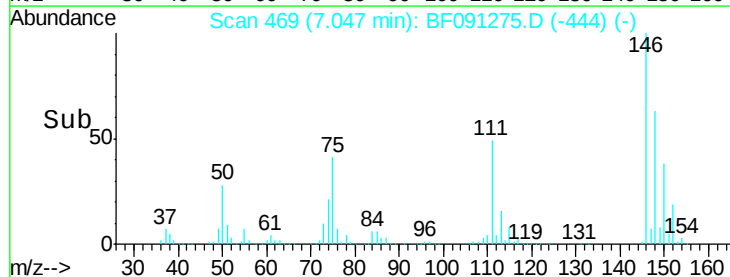
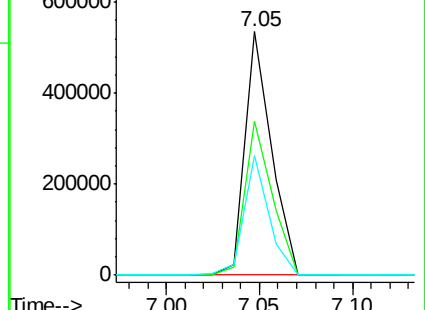
111 49.3 38.9 58.3

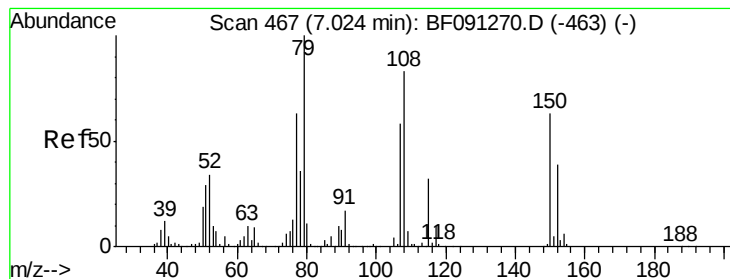


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.24 ng

RT: 7.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

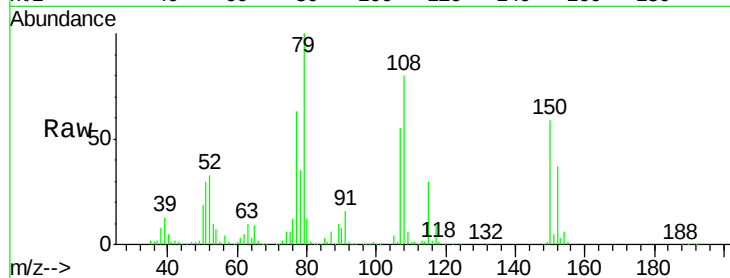
Tgt Ion: 79 Resp: 528964

Ion Ratio Lower Upper

79 100

108 80.1 62.7 94.1

77 63.2 51.7 77.5

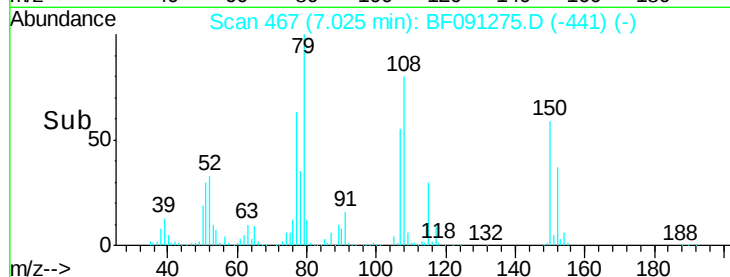


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->

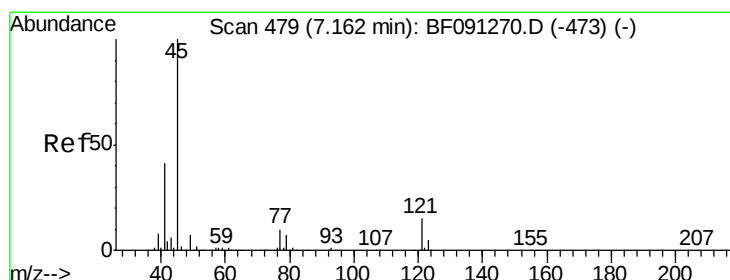


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.91 ng

RT: 7.16 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

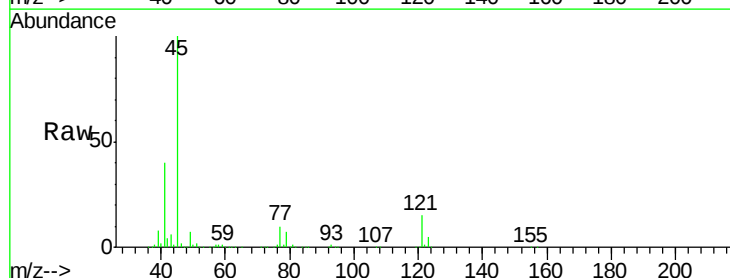
Tgt Ion: 45 Resp: 1128517

Ion Ratio Lower Upper

45 100

77 9.7 3.8 43.8

79 7.2 0.2 40.2

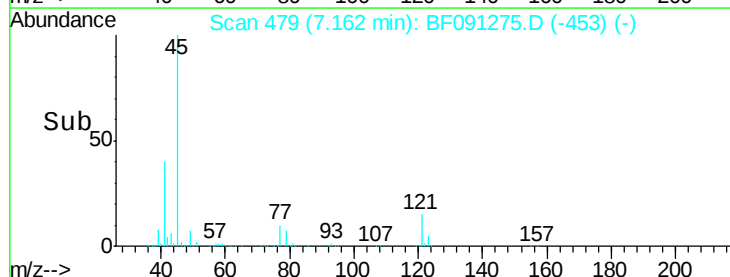


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

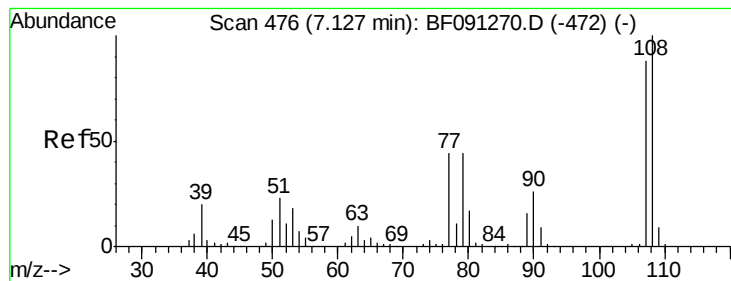


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

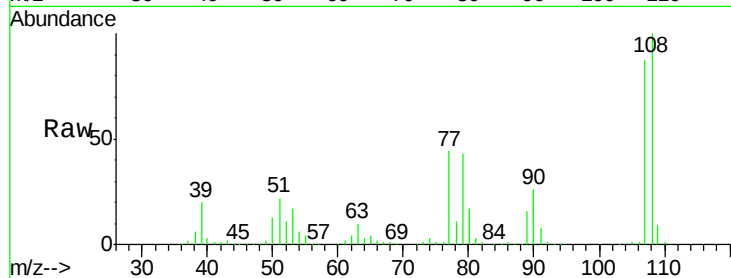
Time-->



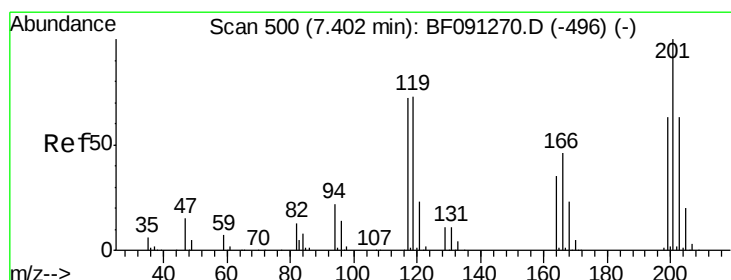
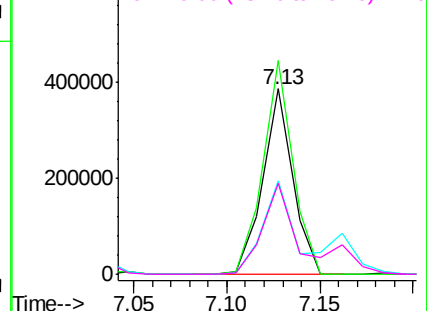
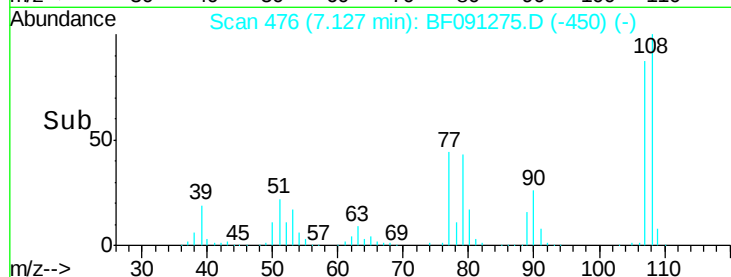
#17
2-Methylphenol
Concen: 39.58 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:107 Resp: 428168
Ion Ratio Lower Upper
107 100
108 115.4 67.7 101.5#
77 50.2 40.7 61.1
79 49.1 23.4 35.2#

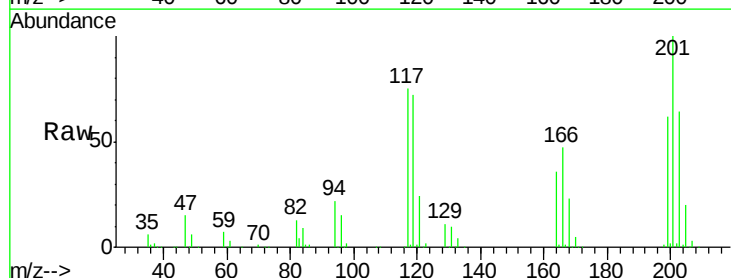


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

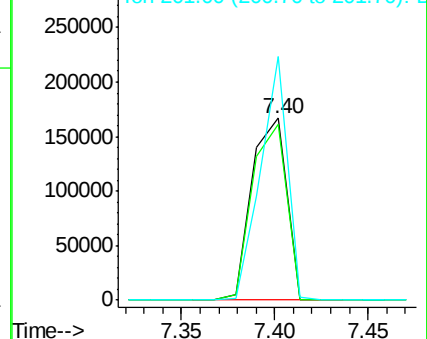
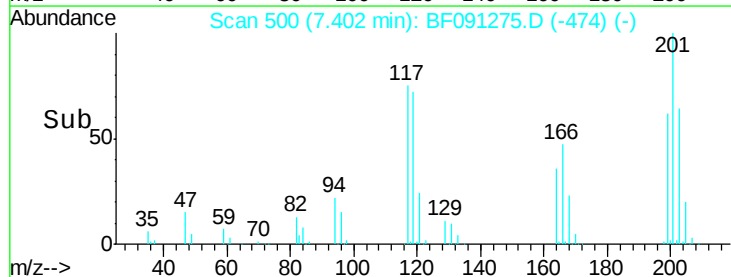


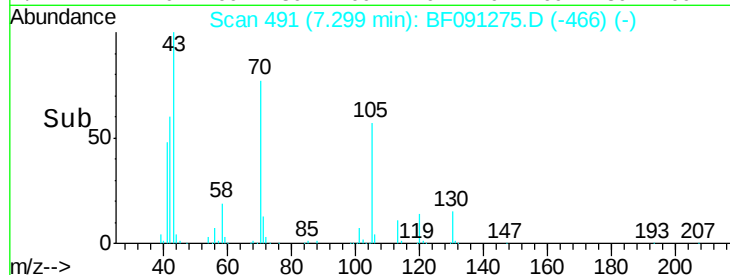
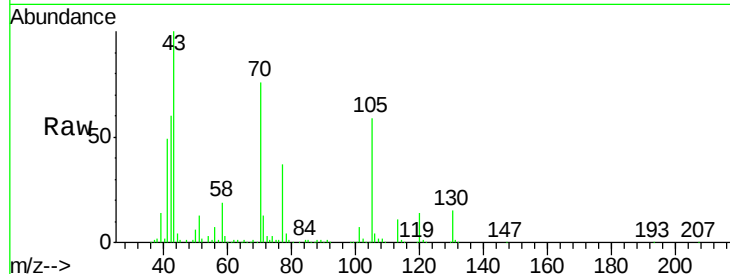
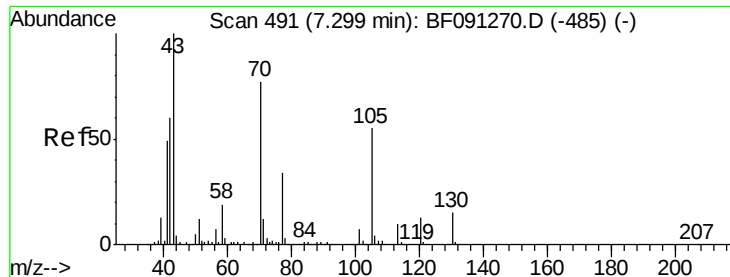
#18
Hexachloroethane
Concen: 39.45 ng
RT: 7.40 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:117 Resp: 214334
Ion Ratio Lower Upper
117 100
119 96.6 78.6 118.0
201 133.8 86.7 130.1#



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

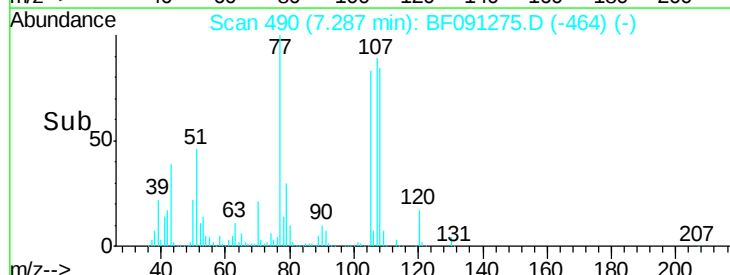
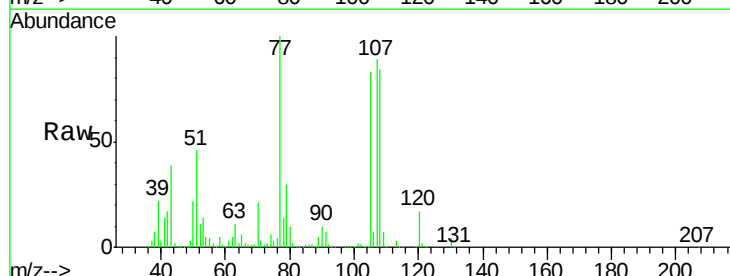
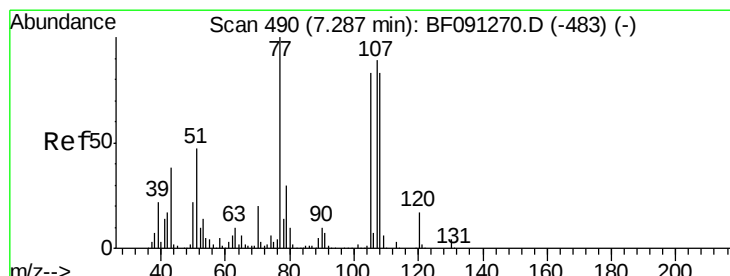
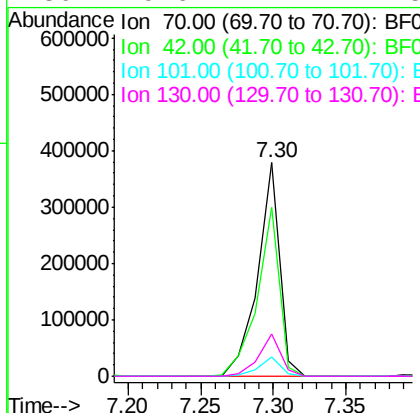




#19
n-Nitroso-di-n-propylamine
Concen: 39.43 ng
RT: 7.30 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

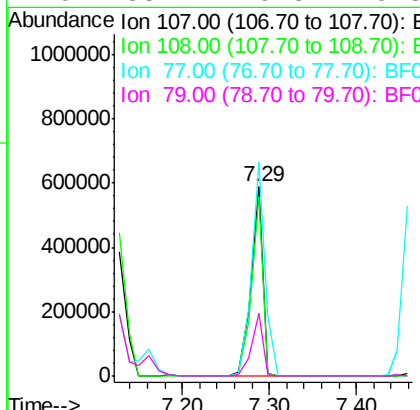
Instrument :
BNA_F
ClientSampleId :
ICVBF112316

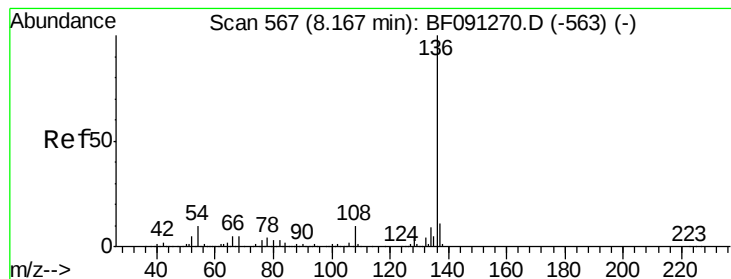
Tgt Ion: 70 Resp: 398931
Ion Ratio Lower Upper
70 100
42 78.9 64.8 97.2
101 8.8 6.2 9.4
130 19.6 11.7 17.5#



#20
3+4-Methylphenols
Concen: 41.92 ng
RT: 7.29 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion: 107 Resp: 556684
Ion Ratio Lower Upper
107 100
108 94.3 64.6 104.6
77 112.8 30.9 70.9#
79 33.4 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

Tgt Ion:136 Resp: 848332

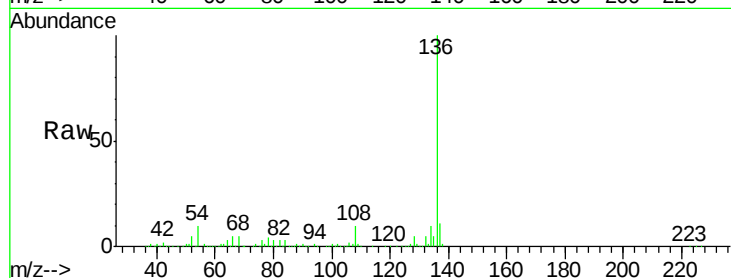
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.8 9.1 13.7

68 5.0 5.9 8.9#

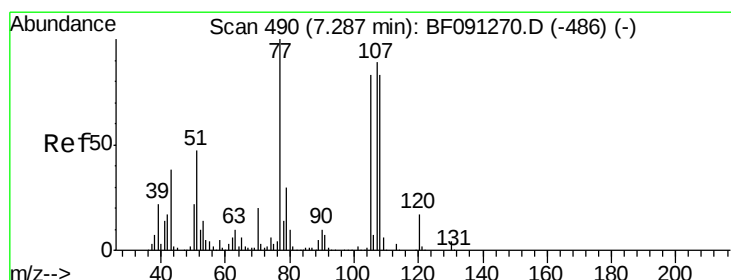
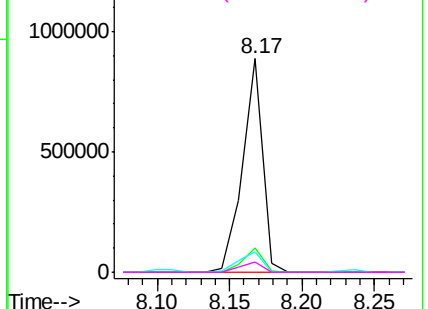
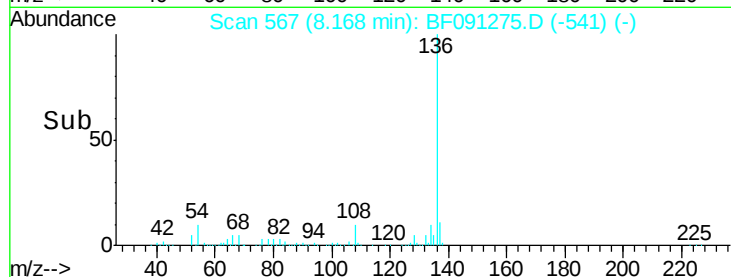


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.03 ng

RT: 7.29 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Tgt Ion:105 Resp: 689607

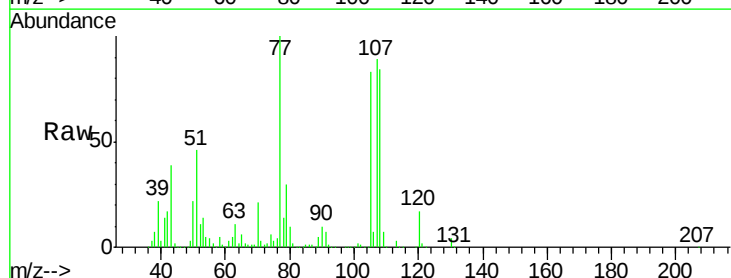
Ion Ratio Lower Upper

105 100

71 4.0 7.9 11.9#

51 55.8 24.5 36.7#

120 20.2 16.6 24.8

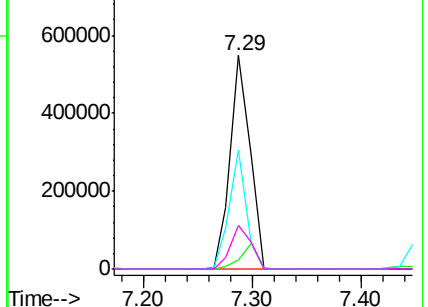
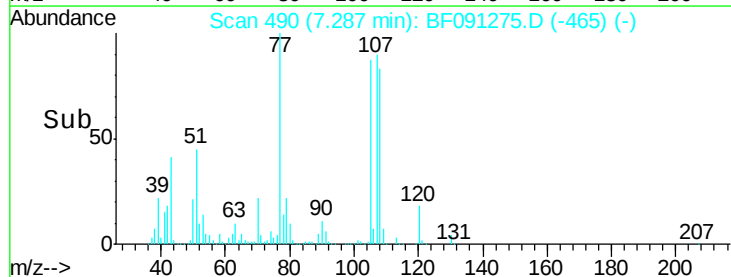


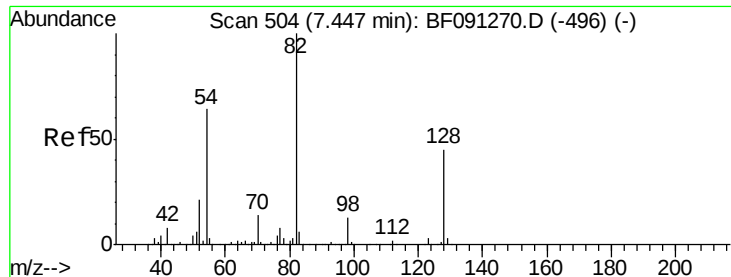
Abundance Ion 105.00 (104.70 to 105.70): E

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

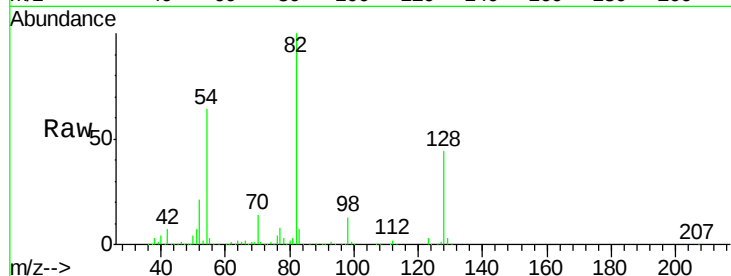




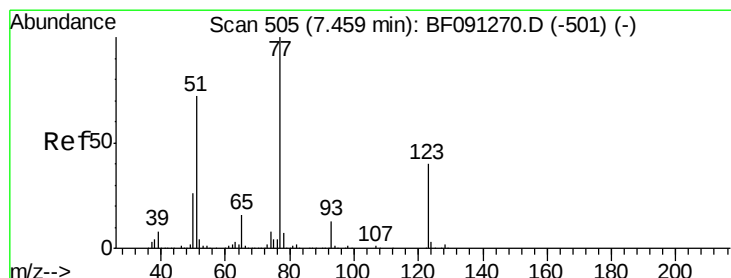
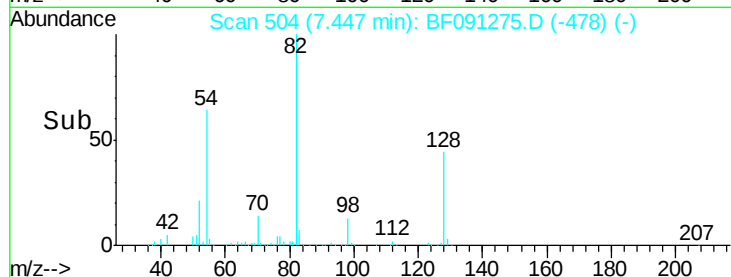
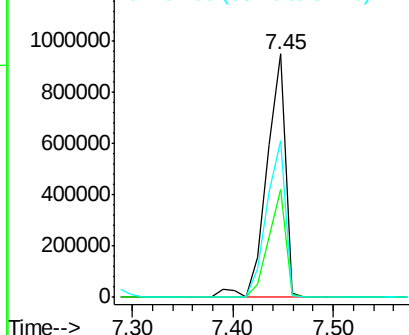
#23
 Nitrobenzene-d5
 Concen: 83.10 ng
 RT: 7.45 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

Tgt Ion: 82 Resp: 1224517
 Ion Ratio Lower Upper
 82 100
 128 44.4 31.8 47.6
 54 64.3 49.1 73.7

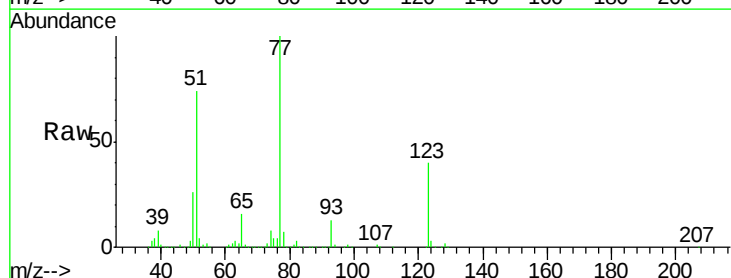


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

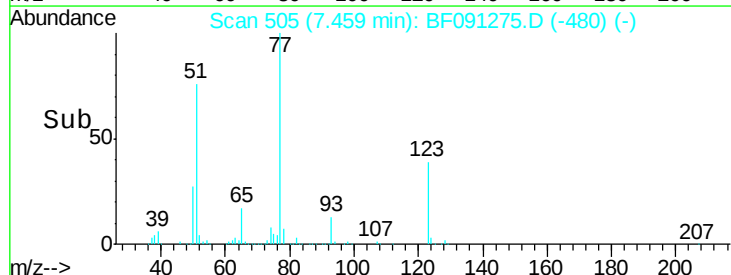
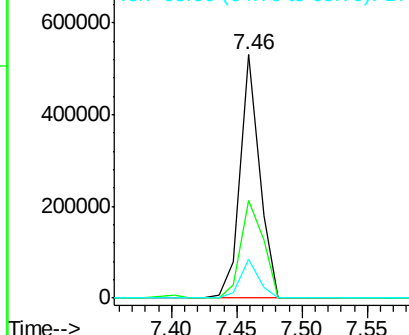


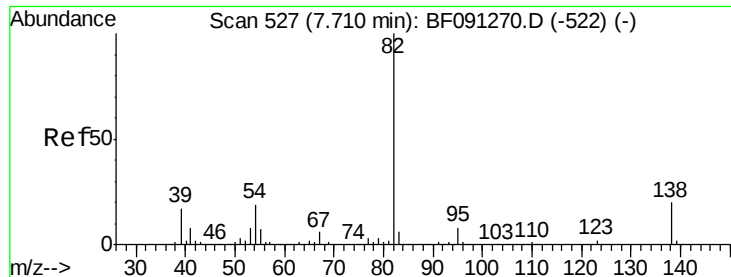
#24
 Nitrobenzene
 Concen: 35.15 ng
 RT: 7.46 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion: 77 Resp: 548034
 Ion Ratio Lower Upper
 77 100
 123 40.0 28.5 42.7
 65 16.1 12.5 18.7



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: 39.31 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

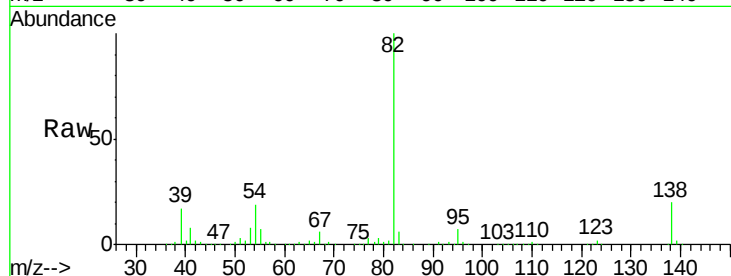
Tgt Ion: 82 Resp: 1082085

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

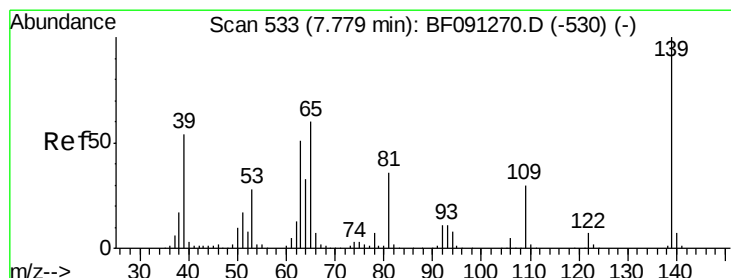
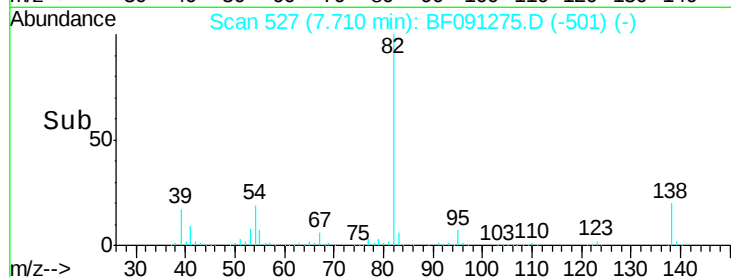
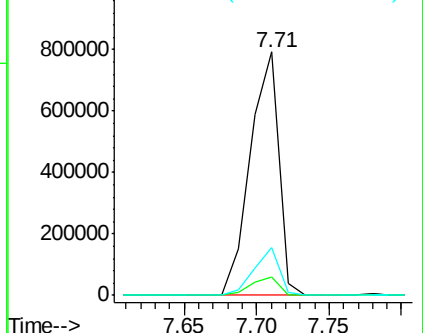
138 19.6 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.67 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

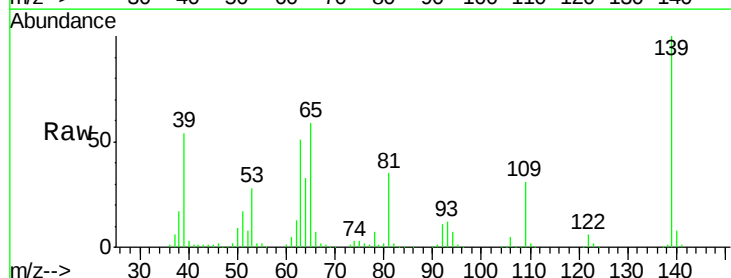
Tgt Ion: 139 Resp: 279362

Ion Ratio Lower Upper

139 100

109 30.6 25.3 37.9

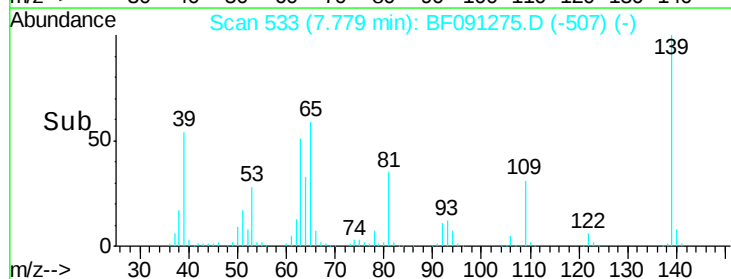
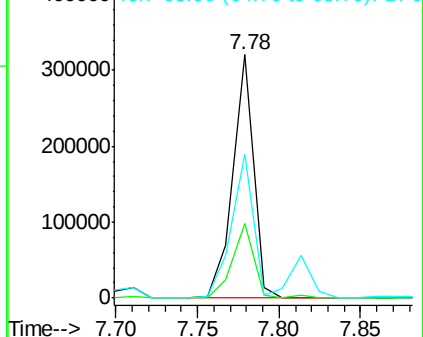
65 59.1 55.4 83.2

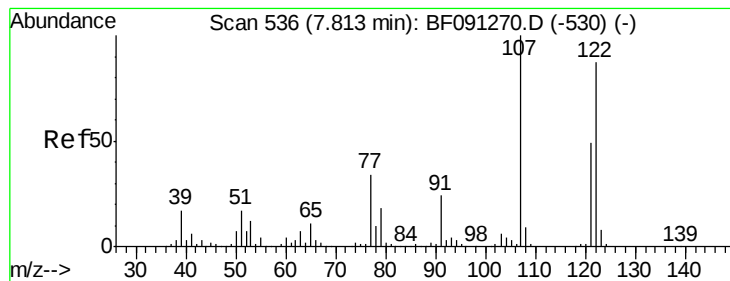


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.71 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

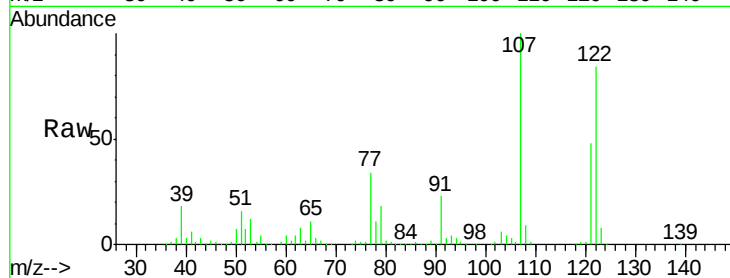
Tgt Ion:122 Resp: 481747

Ion Ratio Lower Upper

122 100

107 118.4 96.8 145.2

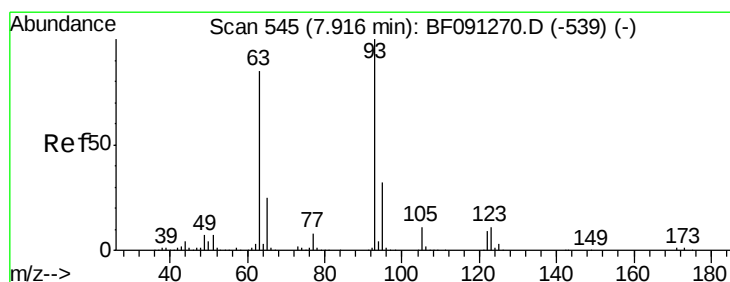
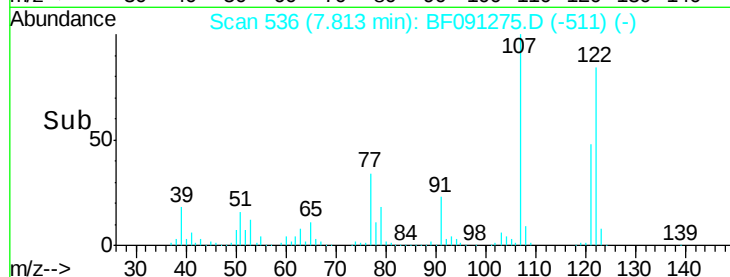
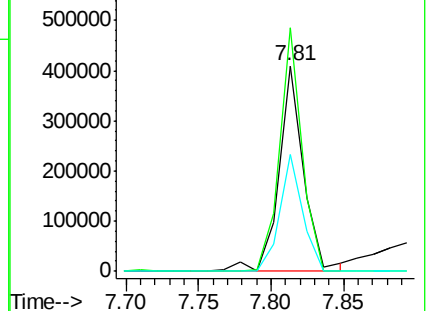
121 56.7 47.7 71.5



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: 37.74 ng

RT: 7.92 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

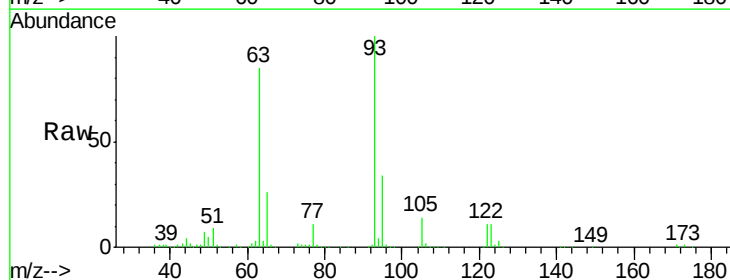
Tgt Ion: 93 Resp: 618592

Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

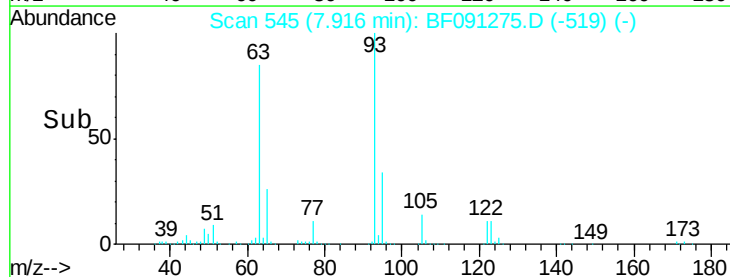
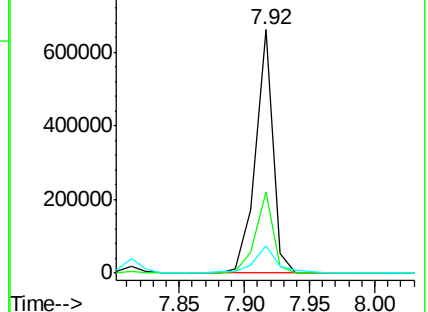
123 11.2 8.6 12.8

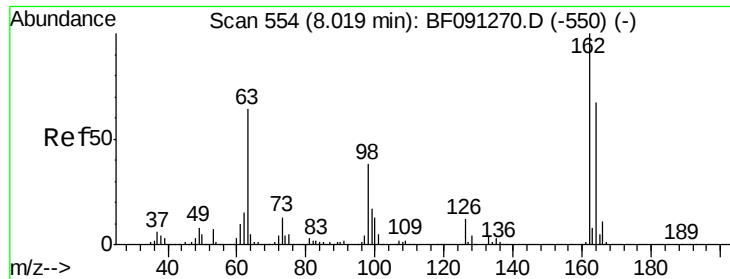


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

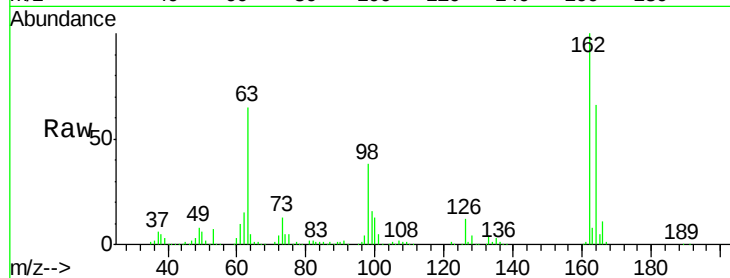




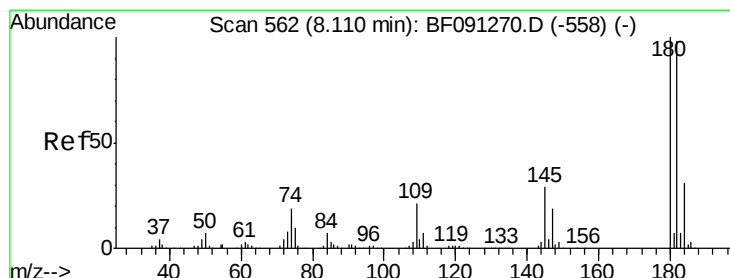
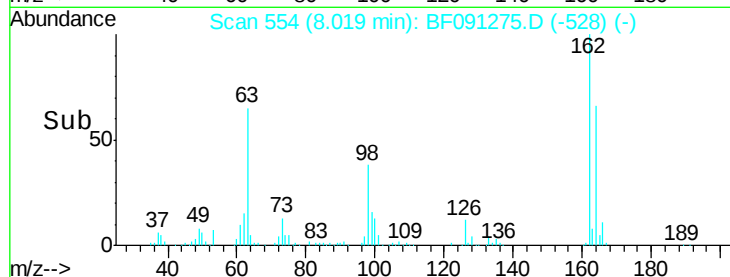
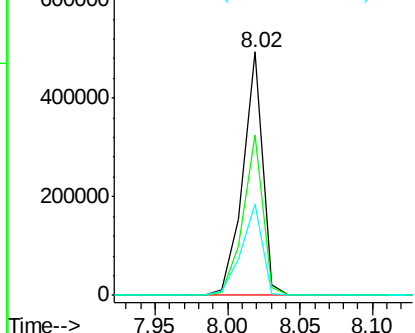
#29
2,4-Dichlorophenol
Concen: 40.44 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:162 Resp: 468993
Ion Ratio Lower Upper
162 100
164 66.1 45.0 85.0
98 37.7 21.3 61.3

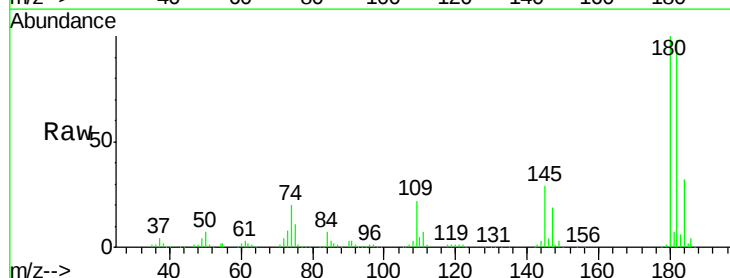


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

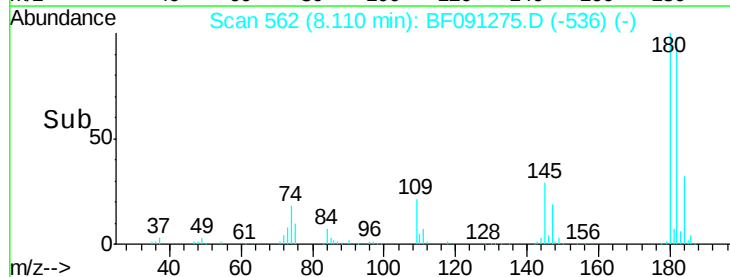
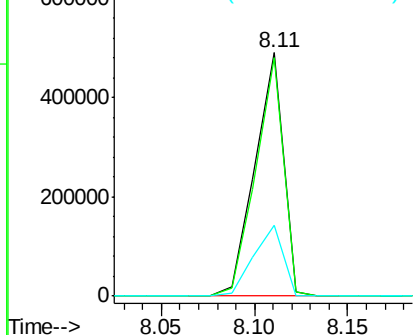


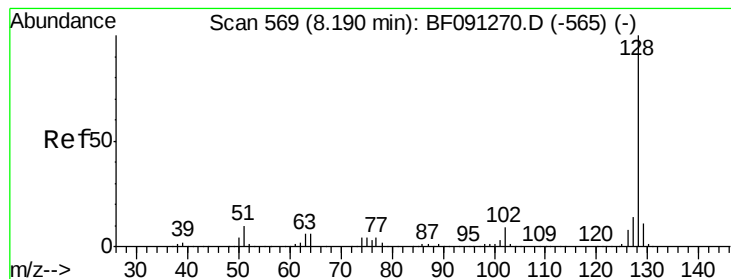
#30
1,2,4-Trichlorobenzene
Concen: 38.66 ng
RT: 8.11 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:180 Resp: 516542
Ion Ratio Lower Upper
180 100
182 98.2 75.8 113.8
145 29.3 27.0 40.4



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





#31

Naphthalene

Concen: 40.88 ng

RT: 8.19 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

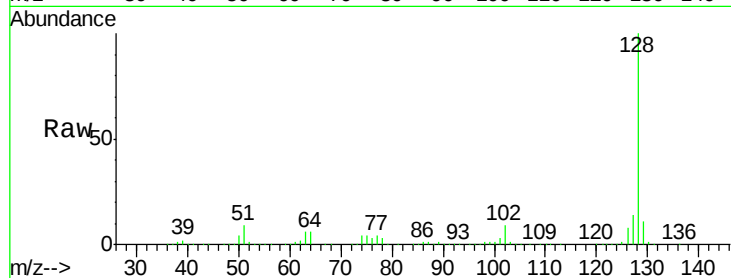
Tgt Ion:128 Resp: 1668373

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

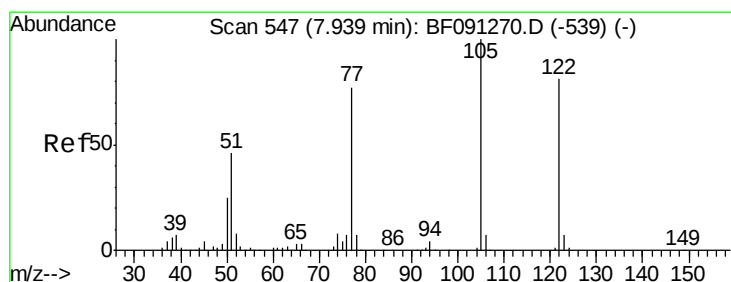
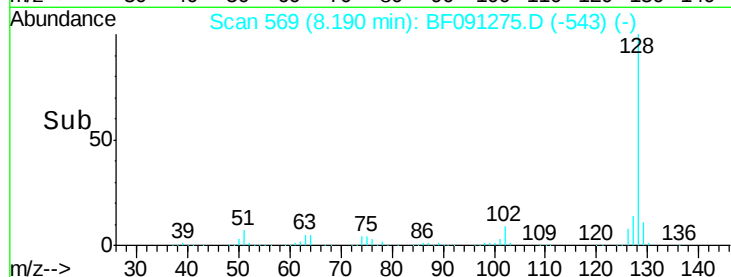
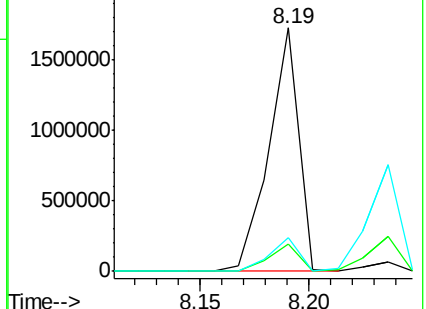
127 13.6 11.0 16.4



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: 39.70 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

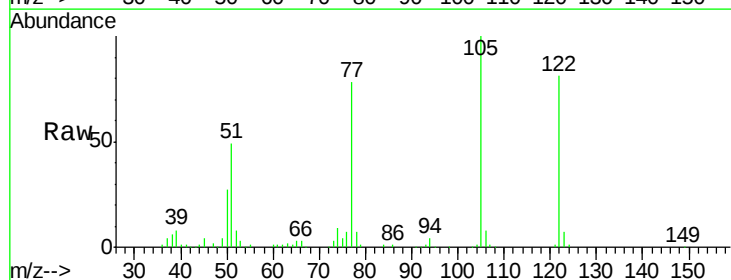
Tgt Ion:122 Resp: 410259

Ion Ratio Lower Upper

122 100

105 123.0 113.0 153.0

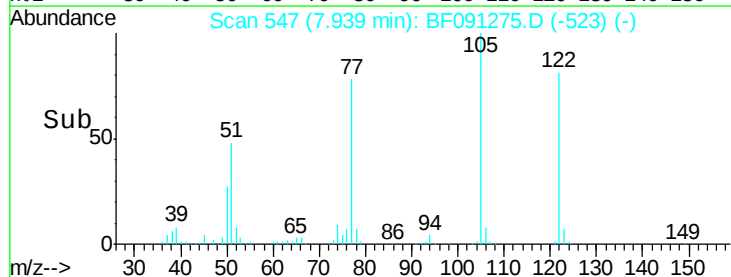
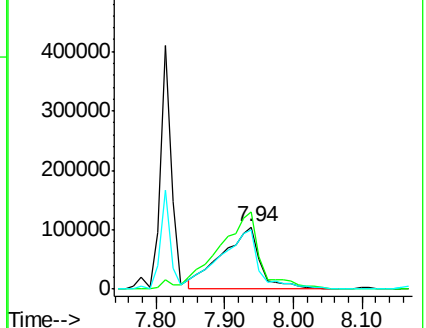
77 95.4 82.0 122.0

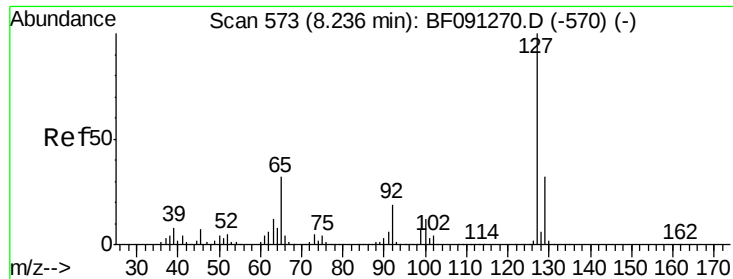


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

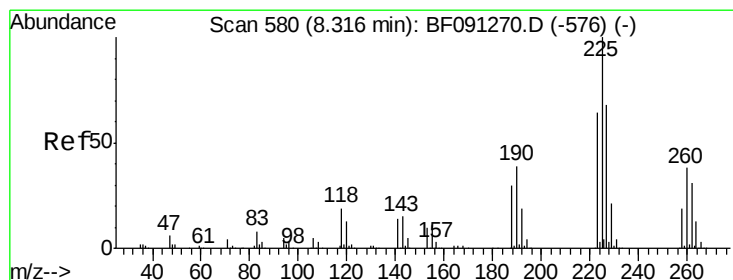
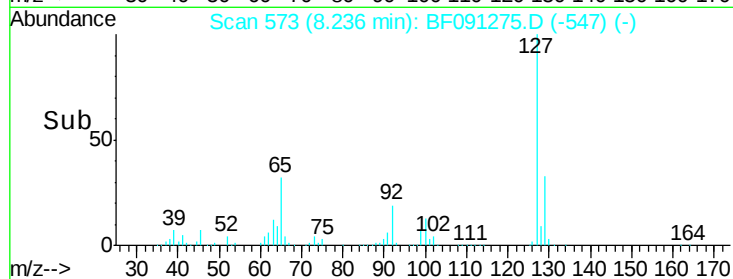
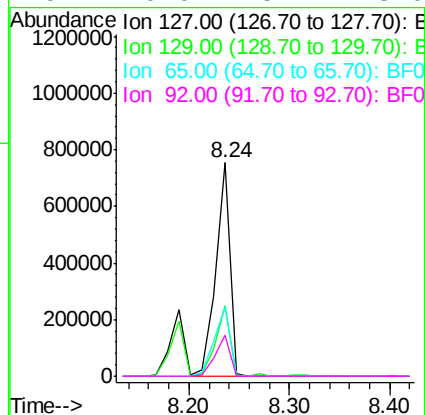
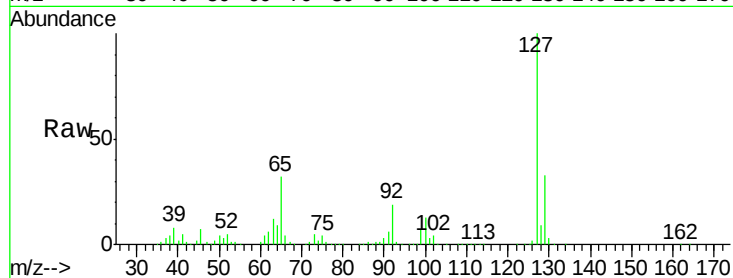




#33
4-Chloroaniline
Concen: 41.69 ng
RT: 8.24 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

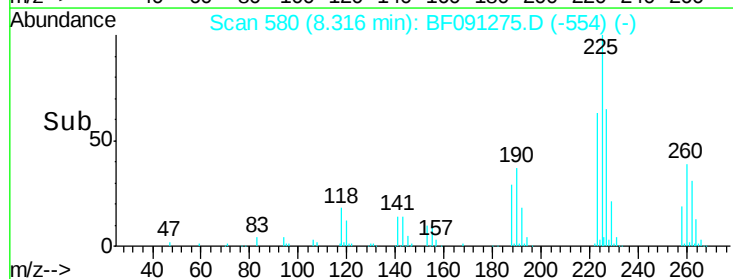
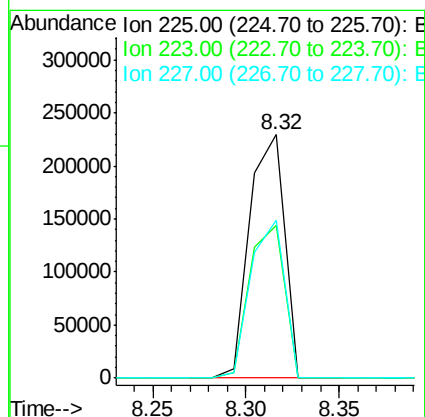
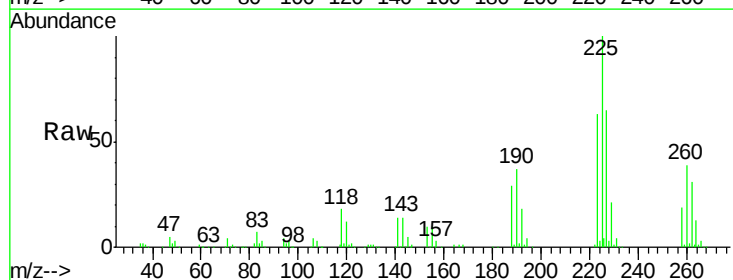
Instrument :
BNA_F
ClientSampleId :
ICVBF112316

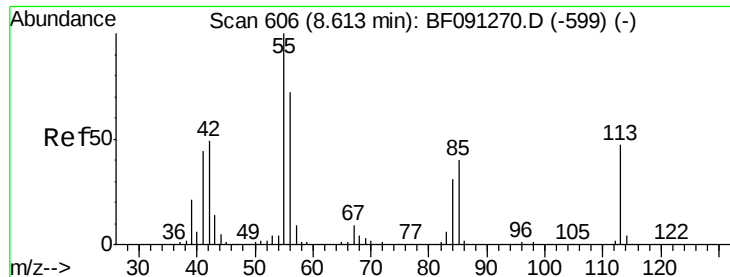
Tgt Ion:	127	Resp:	740182
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	32.4	26.6	39.8
92	19.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 37.58 ng
RT: 8.32 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:	225	Resp:	296807
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	65.1	52.6	79.0

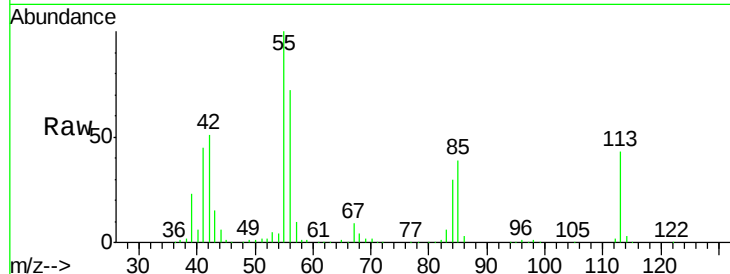




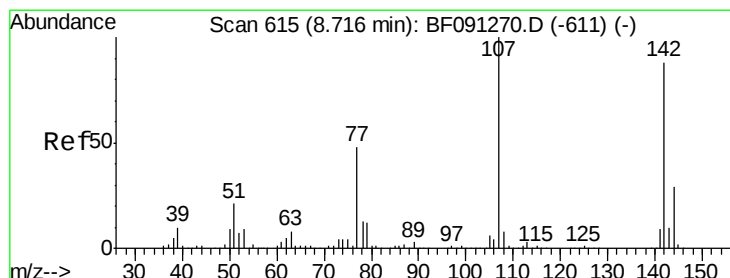
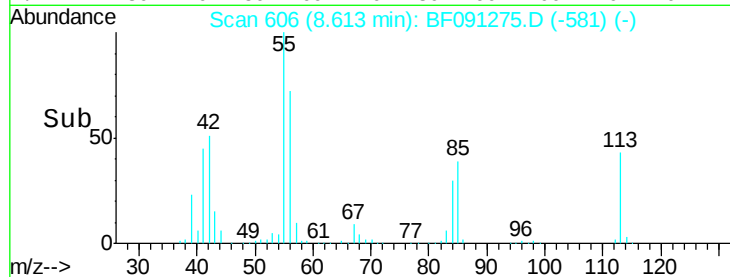
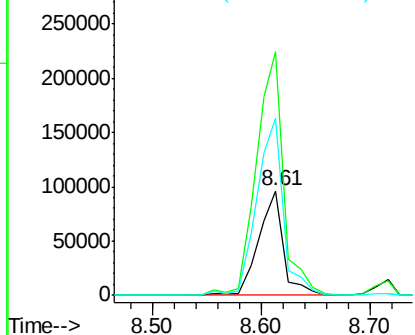
#35
 Caprolactam
 Concen: 42.79 ng
 RT: 8.61 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

Tgt Ion:113 Resp: 152982
 Ion Ratio Lower Upper
 113 100
 55 232.7 239.8 279.8#
 56 168.7 165.6 205.6

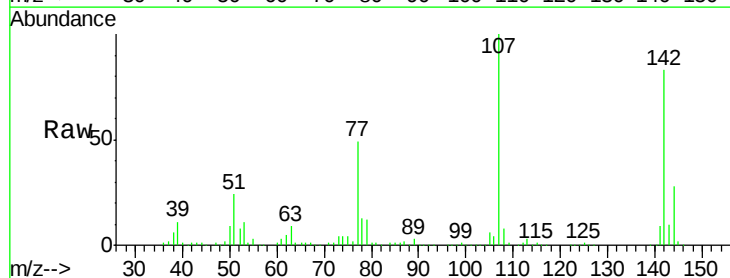


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

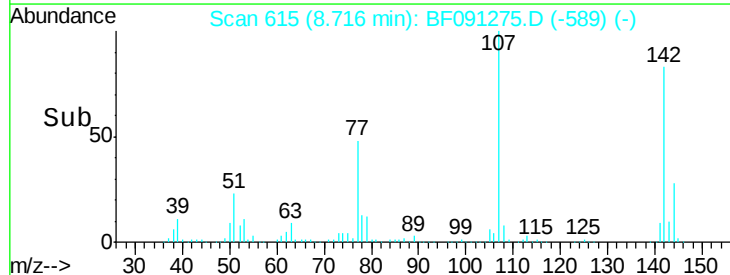
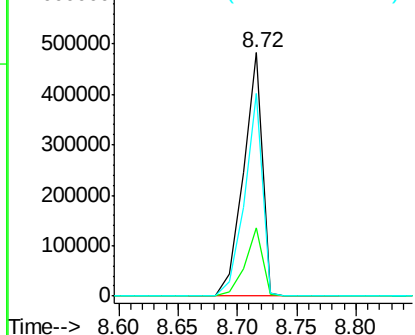


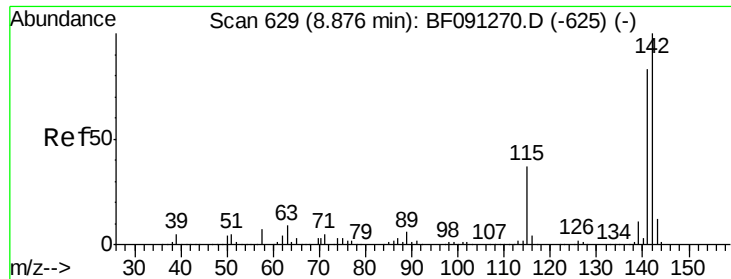
#36
 4-Chloro-3-methylphenol
 Concen: 42.90 ng
 RT: 8.72 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion:107 Resp: 534677
 Ion Ratio Lower Upper
 107 100
 144 27.8 18.9 28.3
 142 83.3 58.5 87.7



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

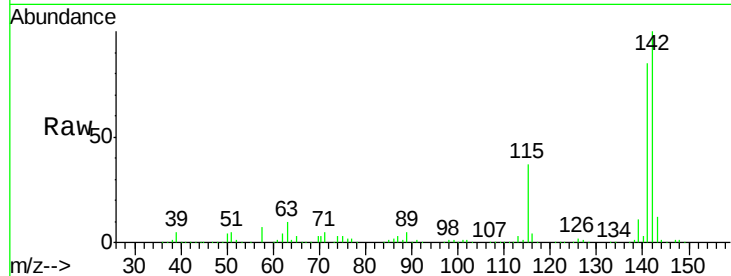




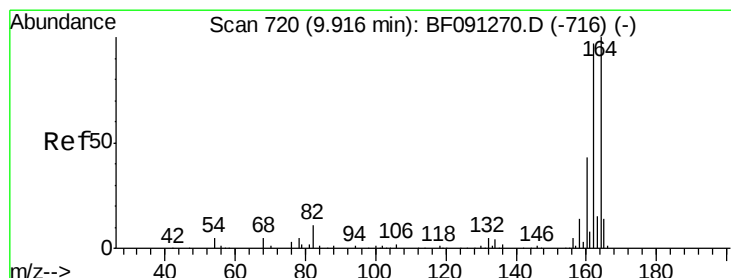
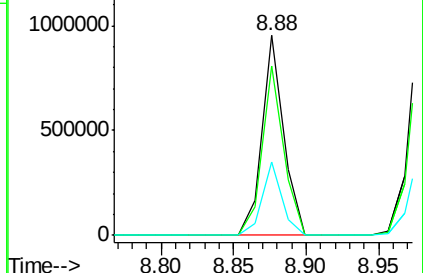
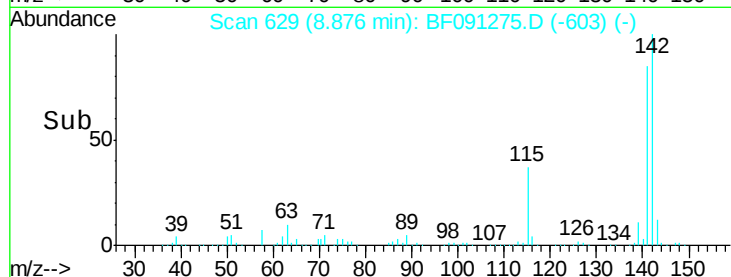
#37
2-Methylnaphthalene
Concen: 35.12 ng
RT: 8.88 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:142 Resp: 983569
Ion Ratio Lower Upper
142 100
141 84.6 71.7 107.5
115 36.8 25.0 37.6

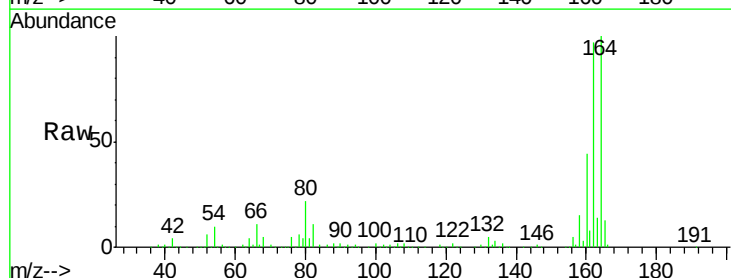


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

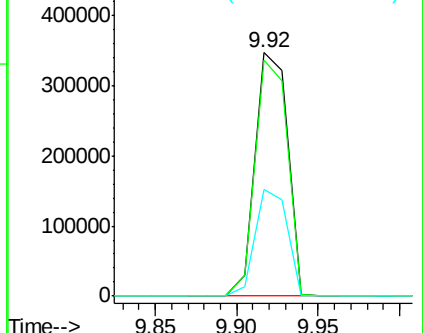
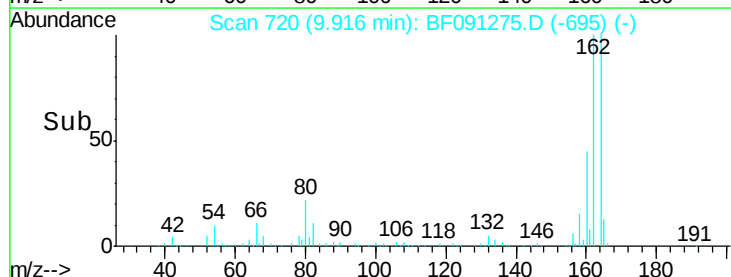


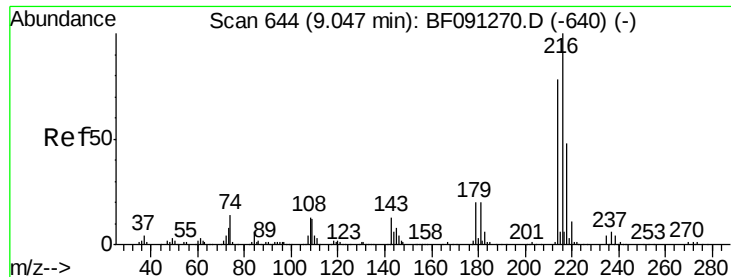
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:164 Resp: 481941
Ion Ratio Lower Upper
164 100
162 97.0 82.6 124.0
160 43.9 36.7 55.1



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: 40.15 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

Tgt Ion:216 Resp: 524334

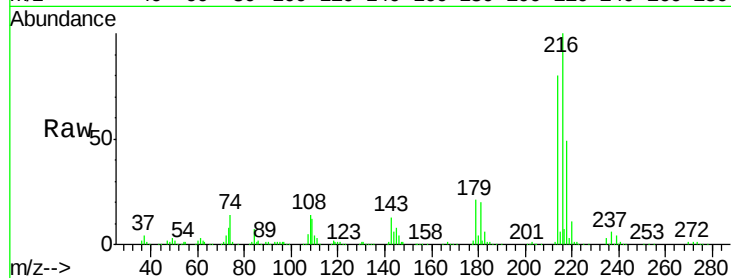
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.8

179 21.5 18.2 27.2

108 17.8 17.2 25.8

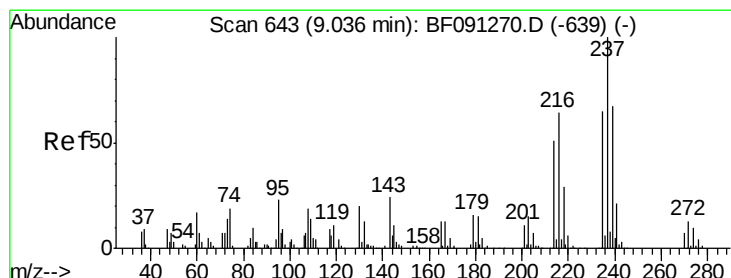
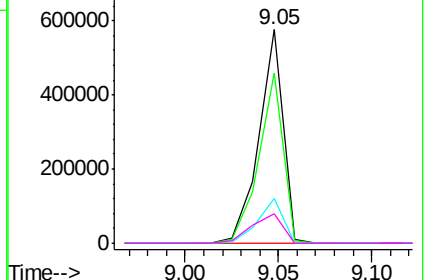
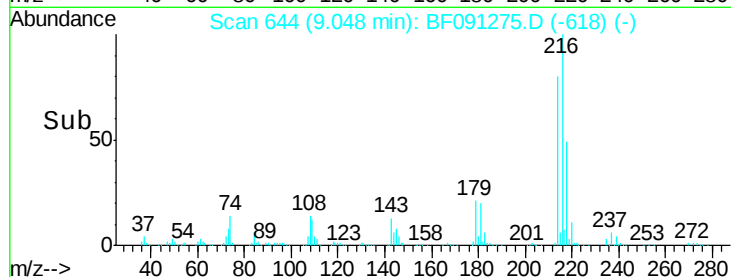


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 39.67 ng

RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

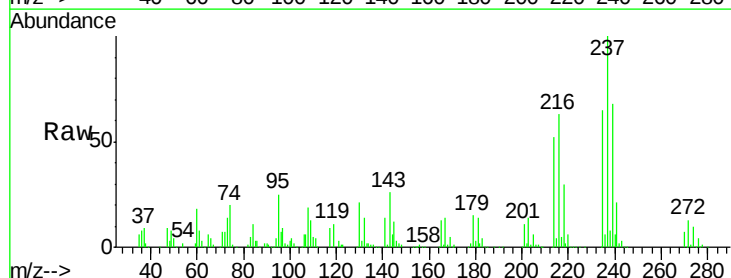
Tgt Ion:237 Resp: 231911

Ion Ratio Lower Upper

237 100

235 64.6 43.9 83.9

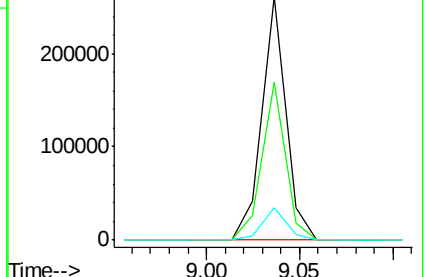
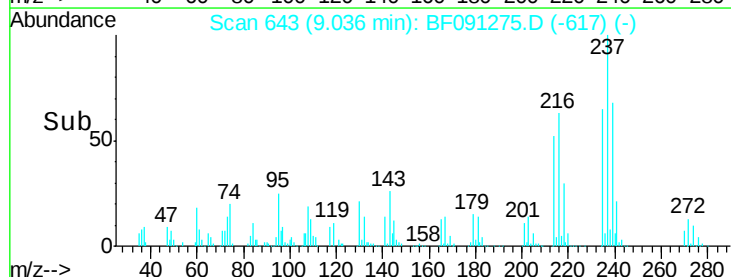
272 13.2 0.0 33.1

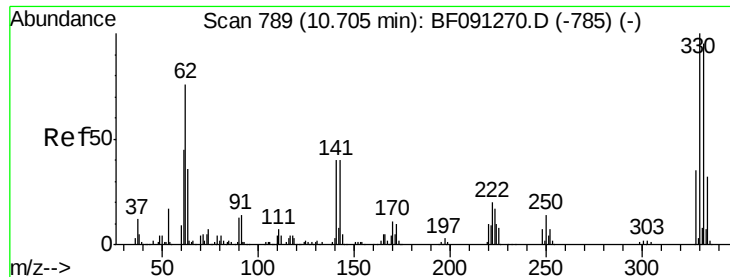


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

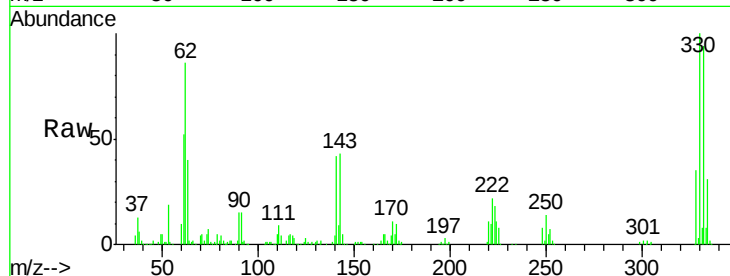




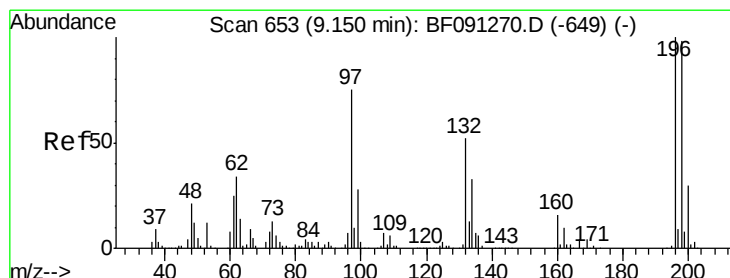
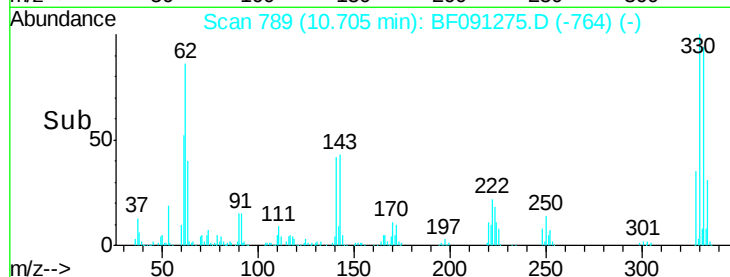
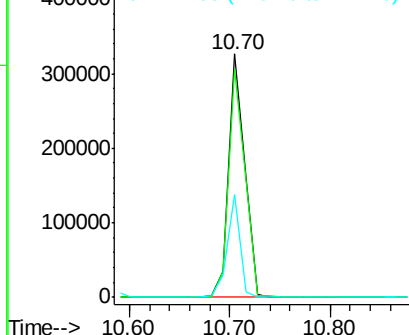
#41
 2,4,6-Tribromophenol
 Concen: 74.88 ng
 RT: 10.70 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

Tgt Ion:330 Resp: 363941
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 33.7 33.6 50.4

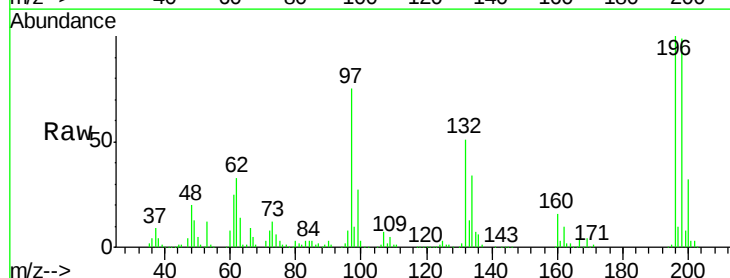


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

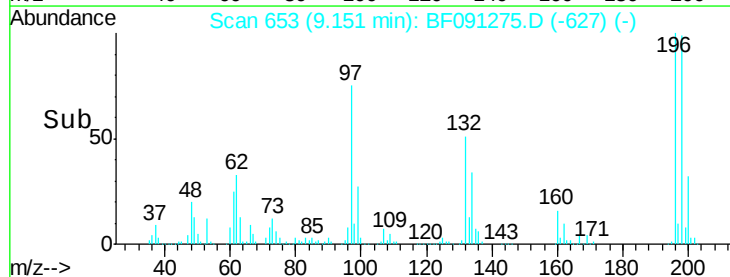
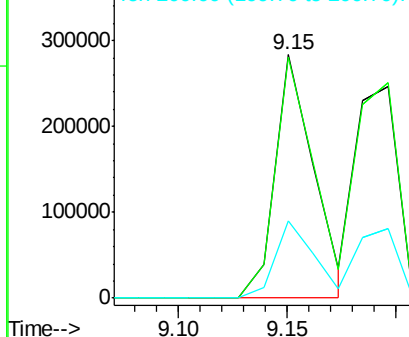


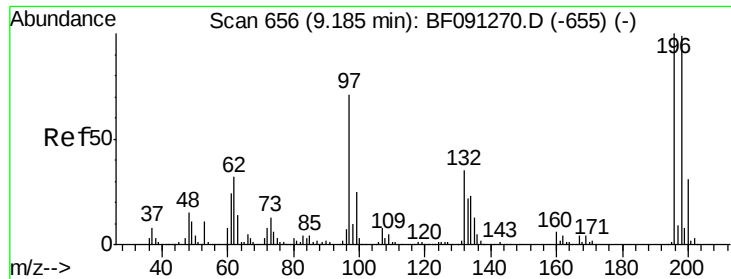
#42
 2,4,6-Trichlorophenol
 Concen: 39.25 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion:196 Resp: 353543
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.4 116.0
 200 31.9 25.2 37.8



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

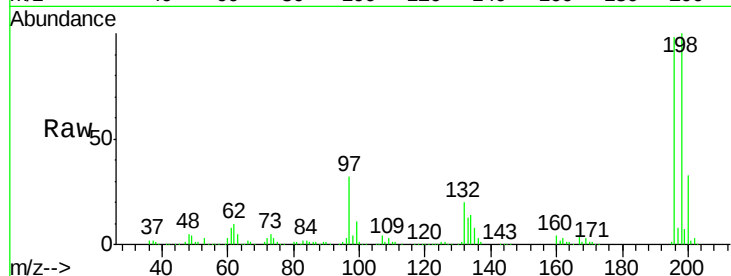




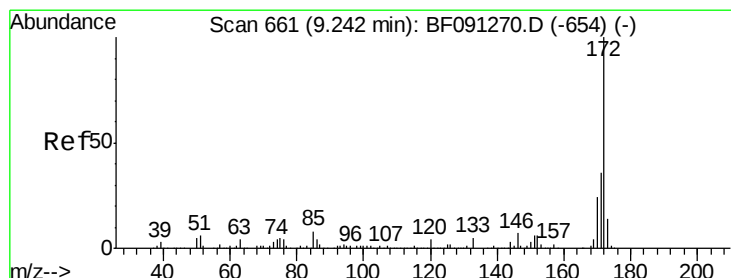
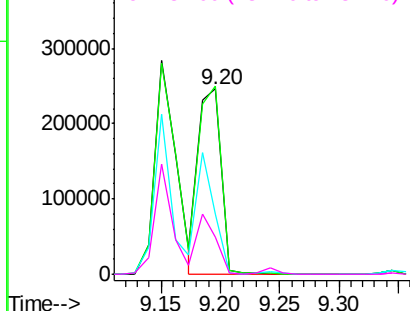
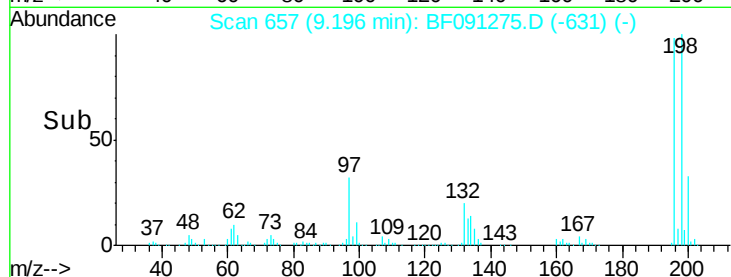
#43
 2,4,5-Trichlorophenol
 Concen: 38.52 ng
 RT: 9.20 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

Tgt Ion:196 Resp: 333312
 Ion Ratio Lower Upper
 196 100
 198 101.6 77.0 115.6
 97 32.3 33.5 50.3#
 132 20.3 20.5 30.7#

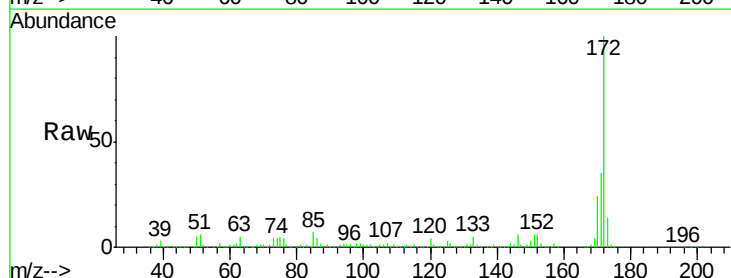


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

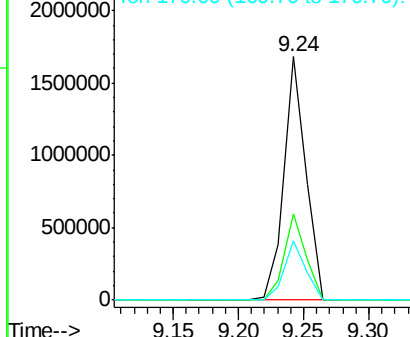
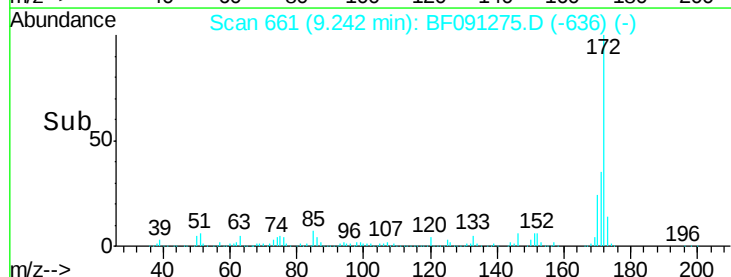


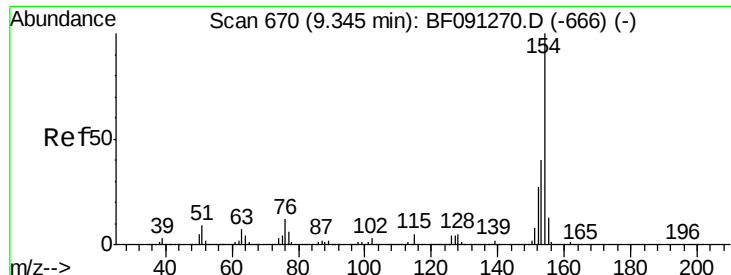
#44
 2-Fluorobiphenyl
 Concen: 67.17 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion:172 Resp: 1977174
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.3 19.7 29.5



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: 38.10 ng

RT: 9.34 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

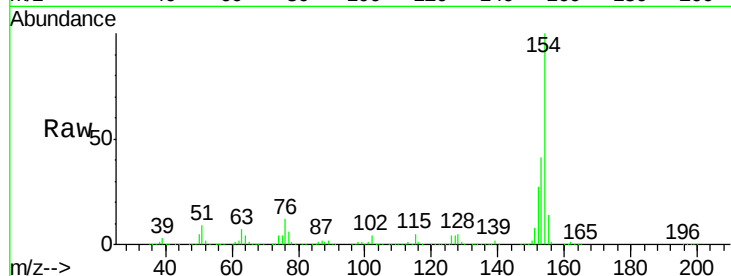
Tgt Ion:154 Resp: 1323681

Ion Ratio Lower Upper

154 100

153 41.2 20.6 60.6

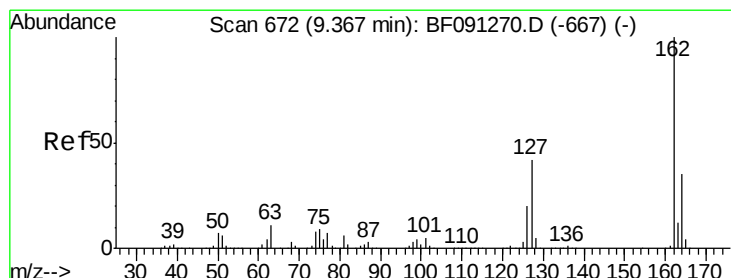
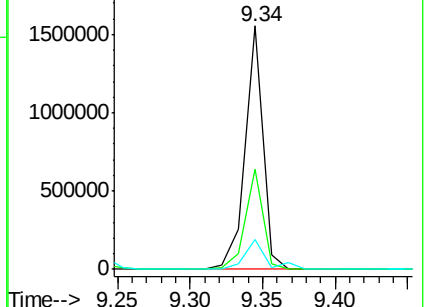
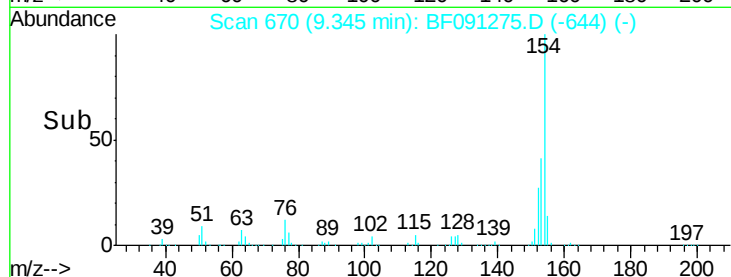
76 12.4 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.89 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

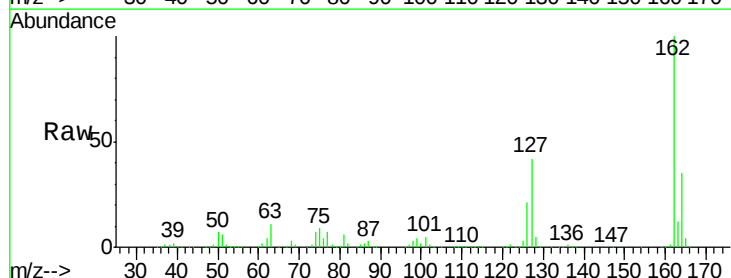
Tgt Ion:162 Resp: 989760

Ion Ratio Lower Upper

162 100

127 42.5 34.3 51.5

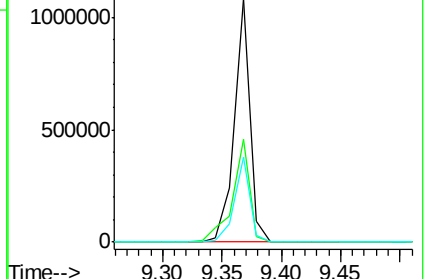
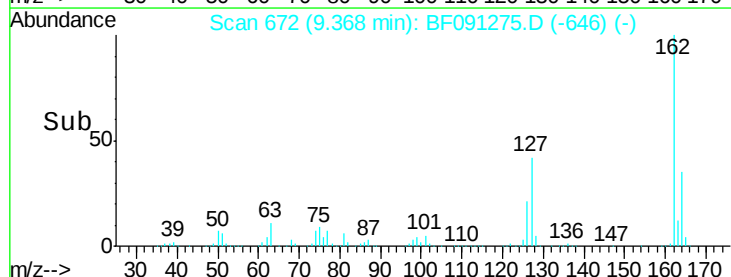
164 35.0 26.6 40.0

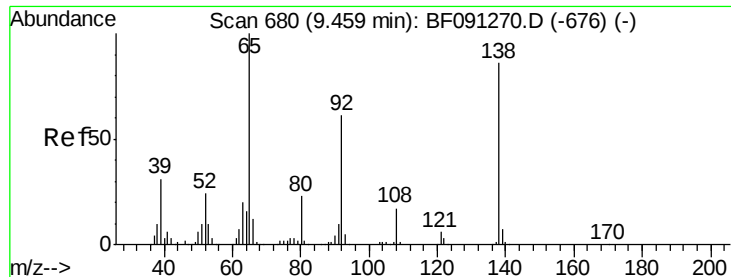


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

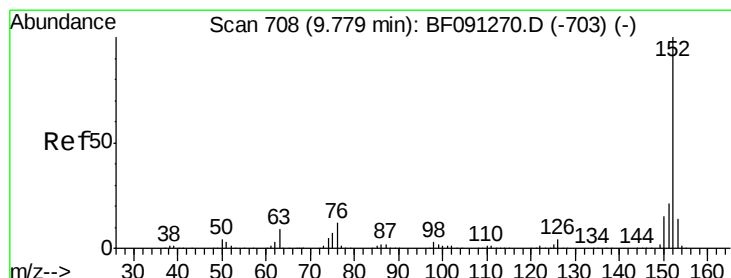
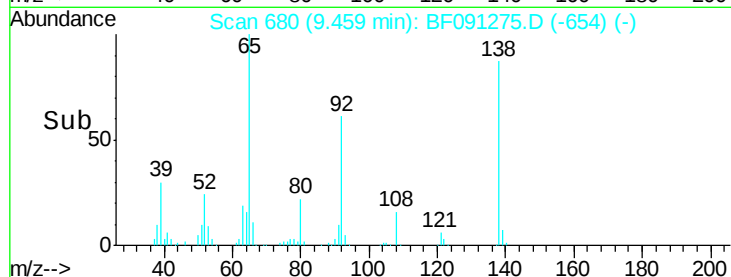
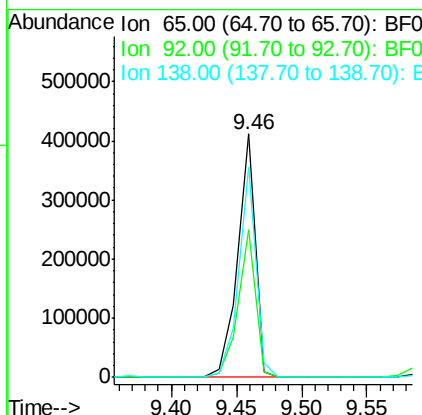
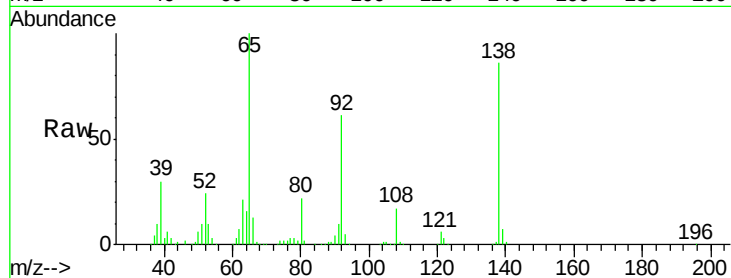




#47
2-Nitroaniline
Concen: 44.35 ng
RT: 9.46 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

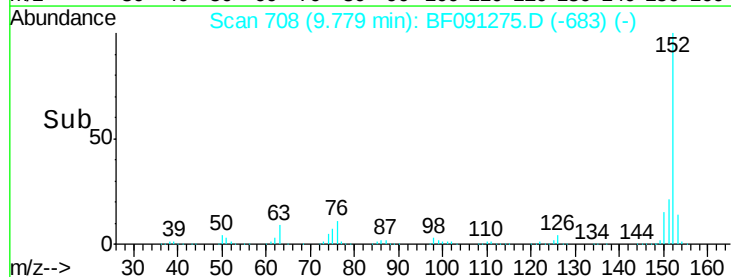
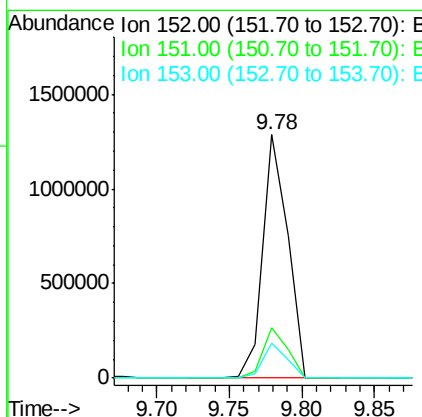
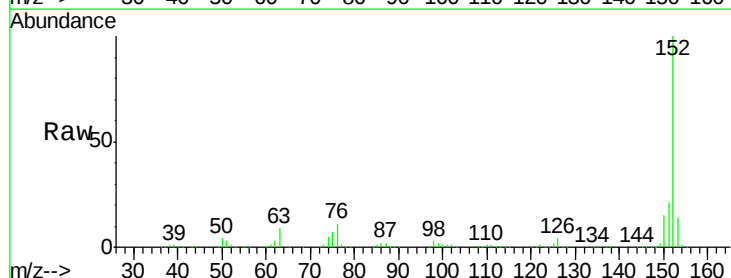
Instrument :
BNA_F
ClientSampleId :
ICVBF112316

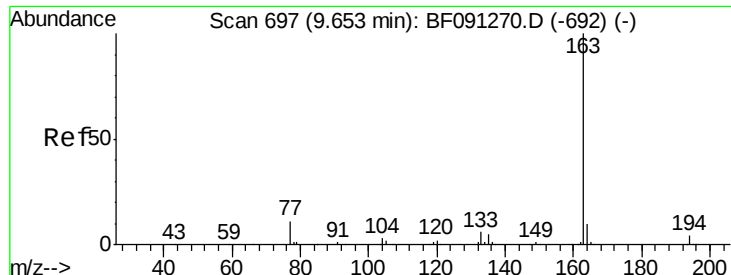
Tgt Ion: 65 Resp: 383036
Ion Ratio Lower Upper
65 100
92 60.7 53.6 80.4
138 86.4 91.0 136.6#



#48
Acenaphthylene
Concen: 37.42 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion: 152 Resp: 1526357
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.2 10.7 16.1

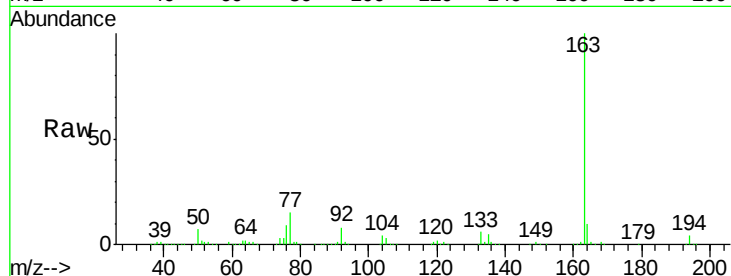




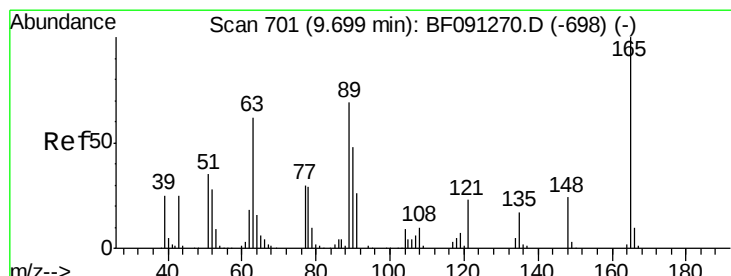
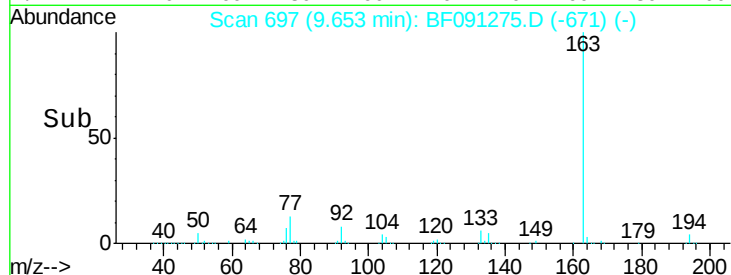
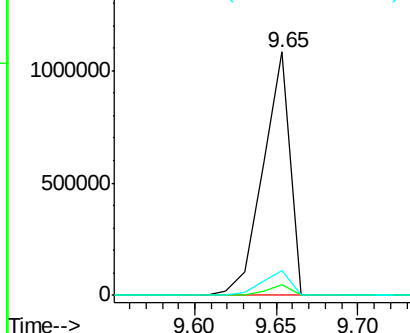
#49
Dimethylphthalate
Concen: 41.09 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:163 Resp: 1236387
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.4 7.8 11.8

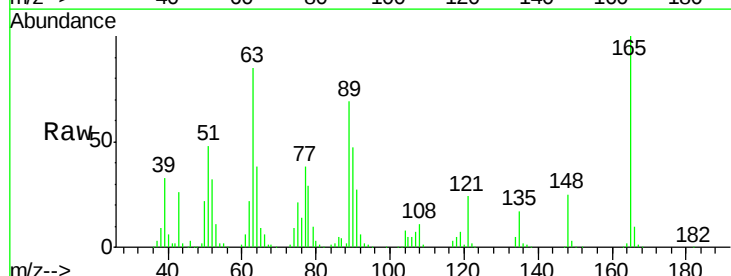


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

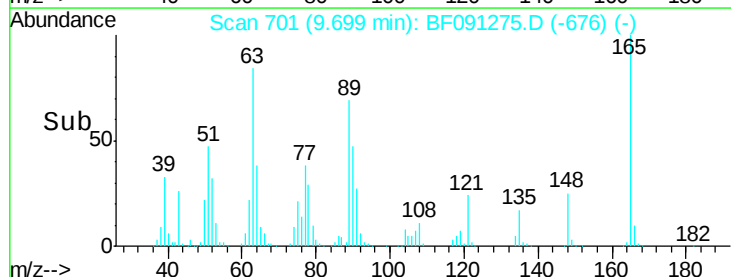
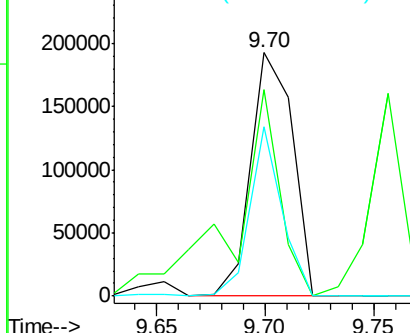


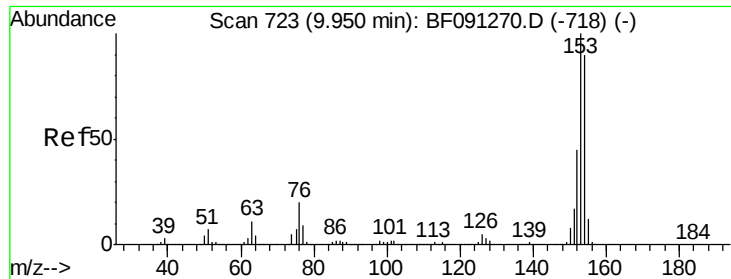
#50
2,6-Dinitrotoluene
Concen: 39.40 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:165 Resp: 258995
Ion Ratio Lower Upper
165 100
63 84.7 59.4 89.0
89 69.4 50.8 76.2



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: 38.39 ng

RT: 9.95 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

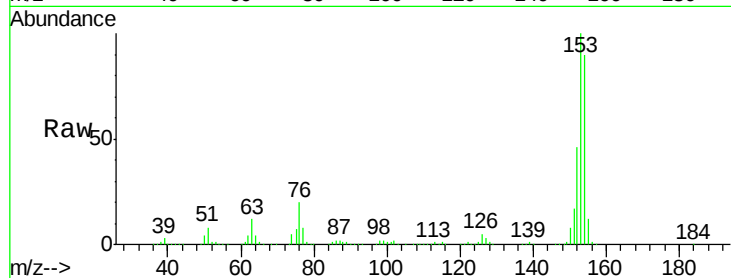
Tgt Ion:154 Resp: 1065716

Ion Ratio Lower Upper

154 100

153 111.3 91.0 136.6

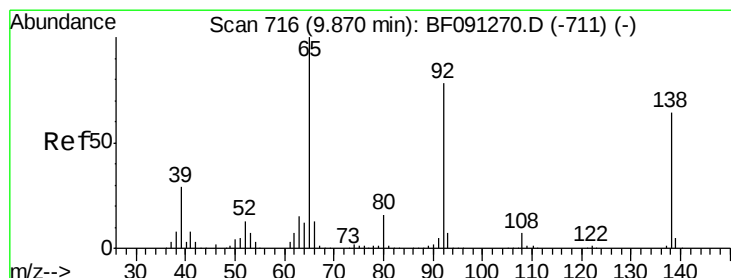
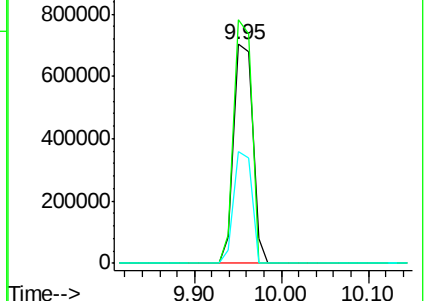
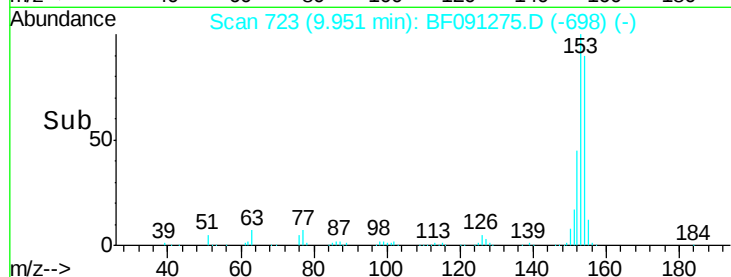
152 50.9 44.2 66.2



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: 42.09 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

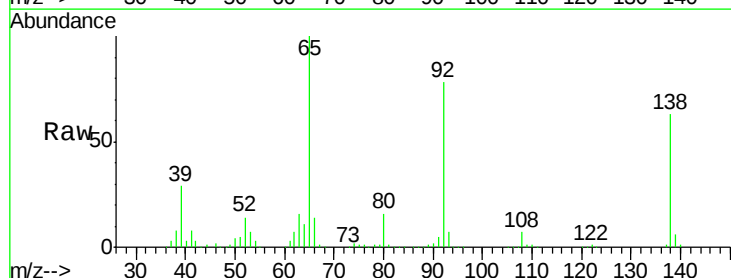
Tgt Ion:138 Resp: 297425

Ion Ratio Lower Upper

138 100

108 11.0 8.1 12.1

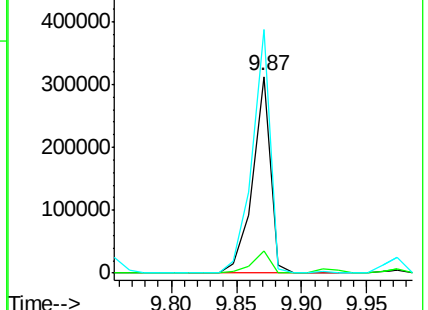
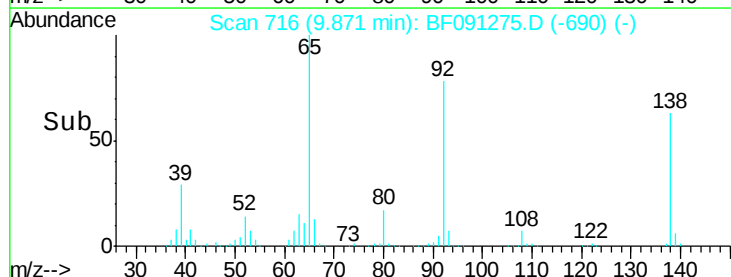
92 123.9 92.5 138.7

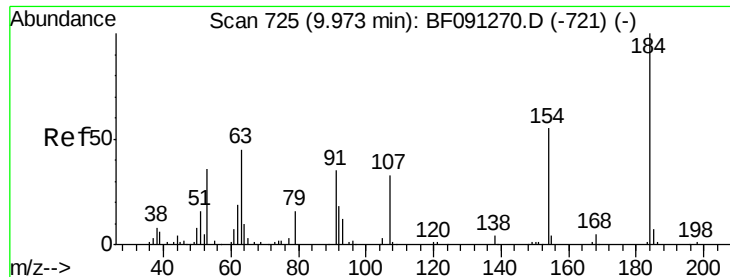


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

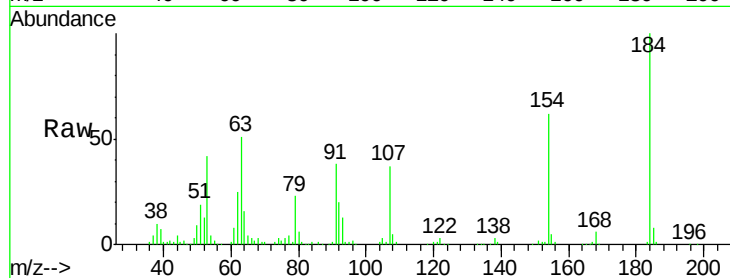




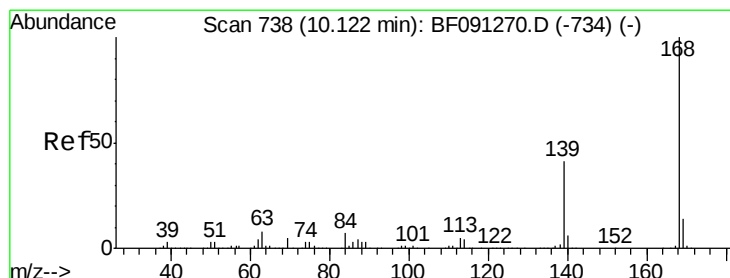
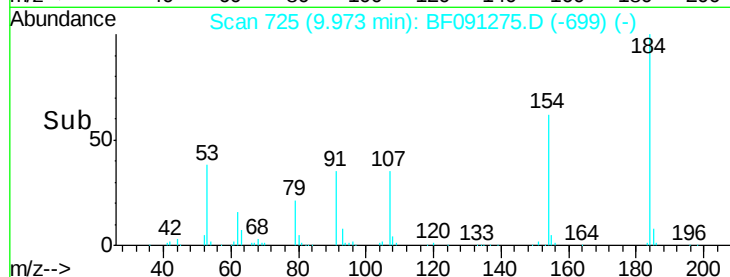
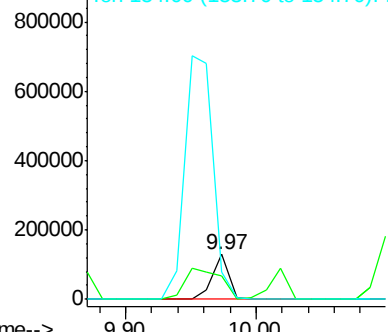
#53
2,4-Dinitrophenol
Concen: 47.03 ng
RT: 9.97 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:184 Resp: 114315
Ion Ratio Lower Upper
184 100
63 51.1 58.3 87.5#
154 61.9 48.6 73.0

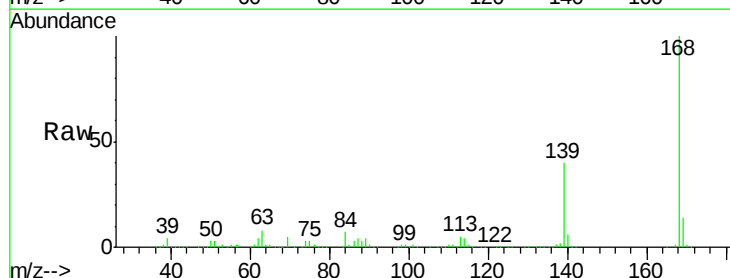


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

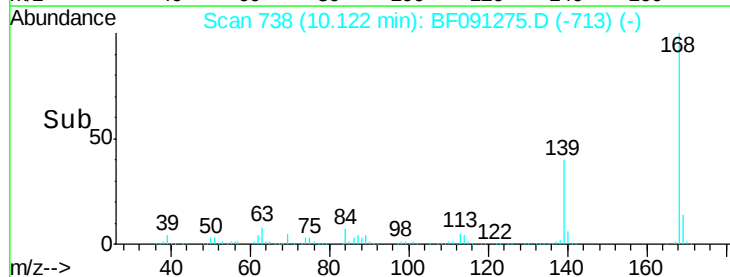
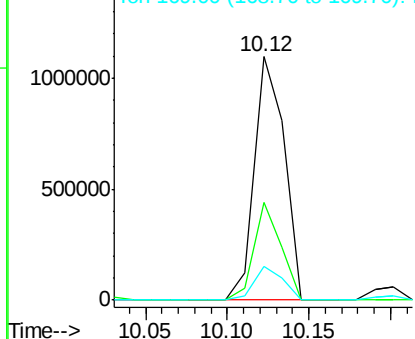


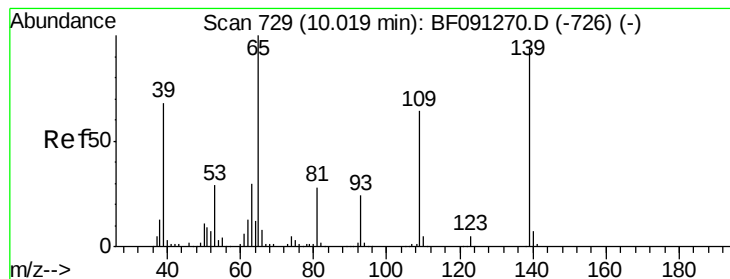
#54
Dibenzofuran
Concen: 35.74 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:168 Resp: 1395461
Ion Ratio Lower Upper
168 100
139 40.4 33.4 50.2
169 13.8 11.1 16.7



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





#55

4-Nitrophenol

Concen: 45.27 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

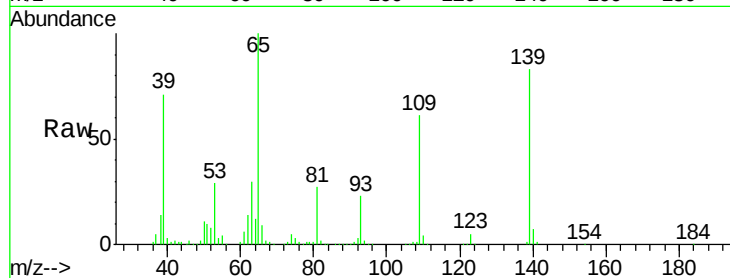
Tgt Ion:139 Resp: 230755

Ion Ratio Lower Upper

139 100

109 73.1 54.9 94.9

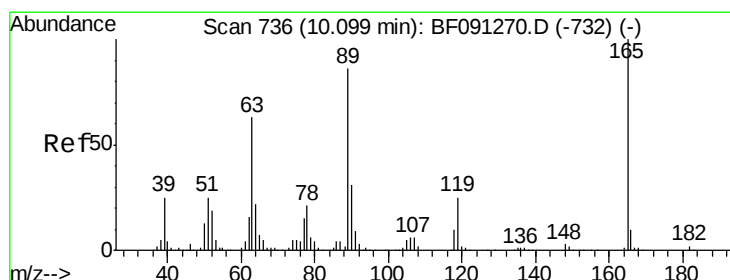
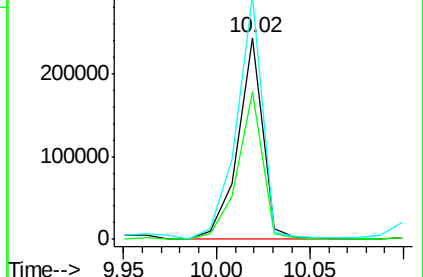
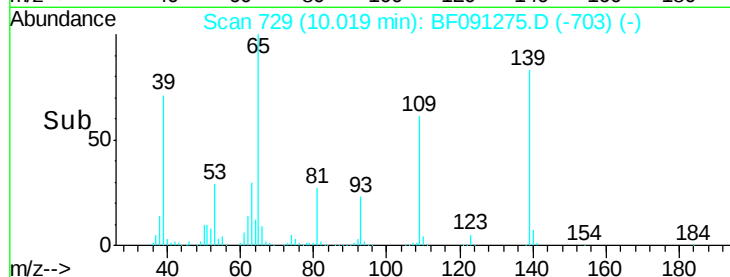
65 120.5 102.2 142.2



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): E



#56

2,4-Dinitrotoluene

Concen: 41.18 ng

RT: 10.10 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Tgt Ion:165 Resp: 342508

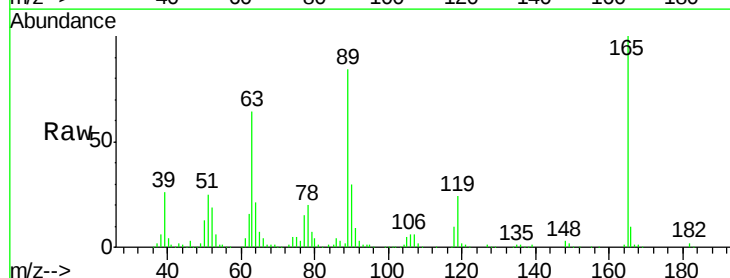
Ion Ratio Lower Upper

165 100

63 63.8 29.0 43.4#

89 84.1 43.1 64.7#

182 2.1 1.9 2.9

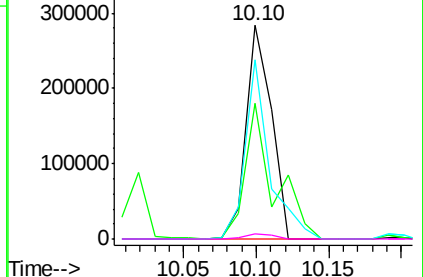
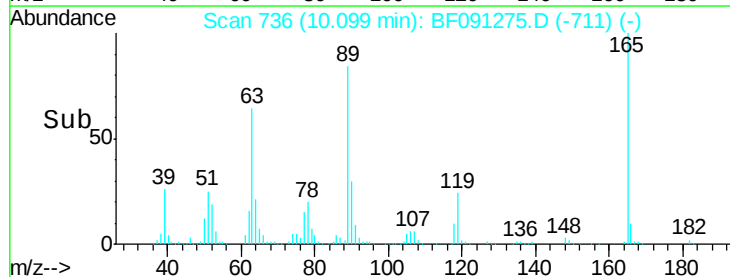


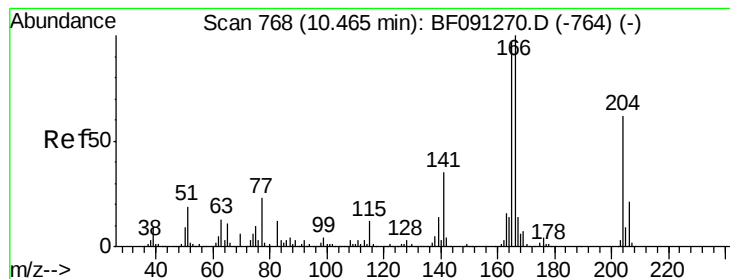
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.31 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

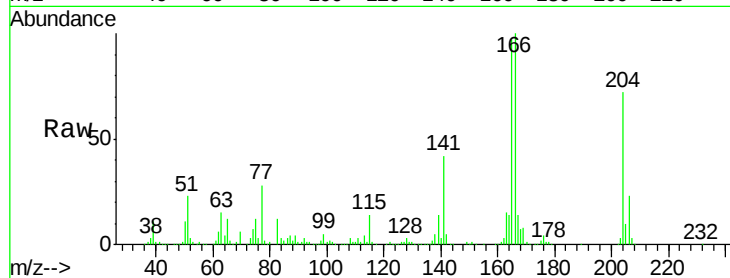
Tgt Ion:166 Resp: 1055065

Ion Ratio Lower Upper

166 100

165 97.3 80.0 120.0

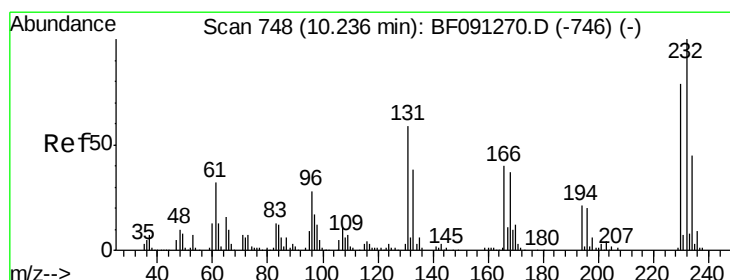
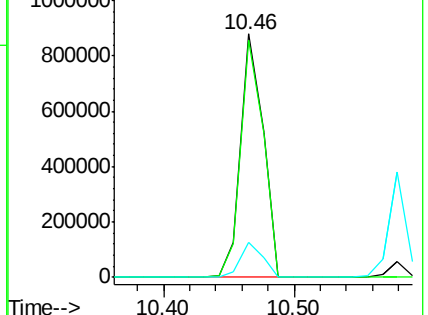
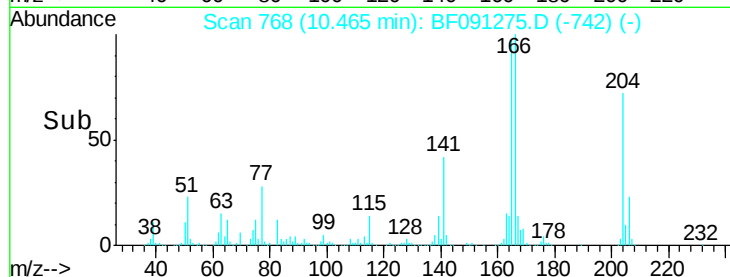
167 14.2 10.8 16.2



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: 36.12 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Tgt Ion:232 Resp: 274832

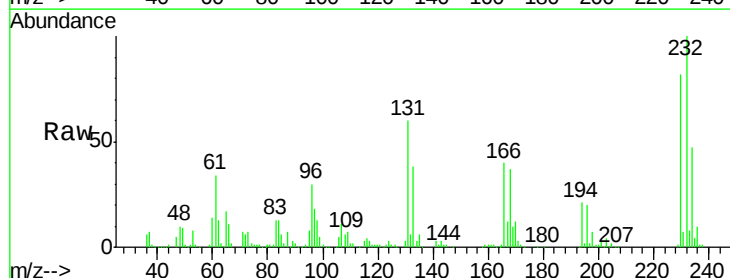
Ion Ratio Lower Upper

232 100

131 48.1 38.4 57.6

130 2.4 1.8 2.8

166 34.2 23.9 35.9

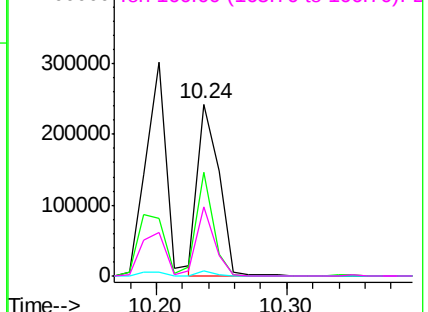
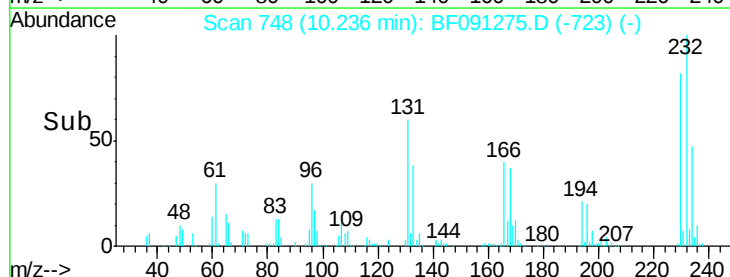


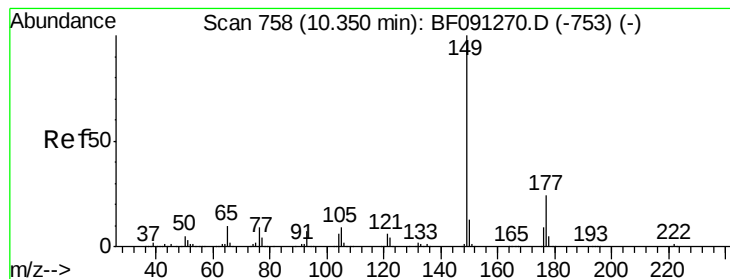
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.14 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

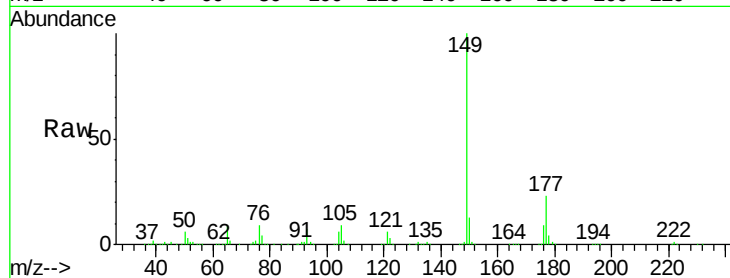
Tgt Ion:149 Resp: 1215430

Ion Ratio Lower Upper

149 100

177 23.3 15.7 23.5

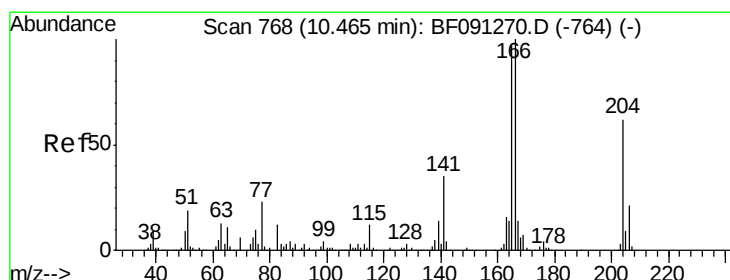
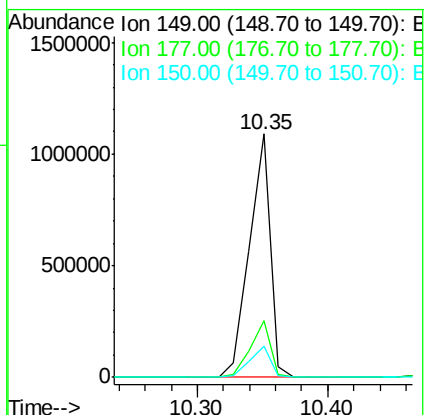
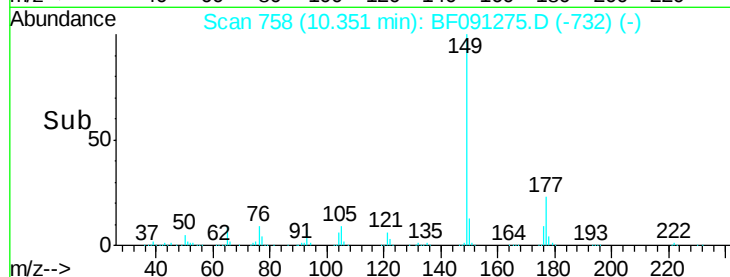
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.05 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

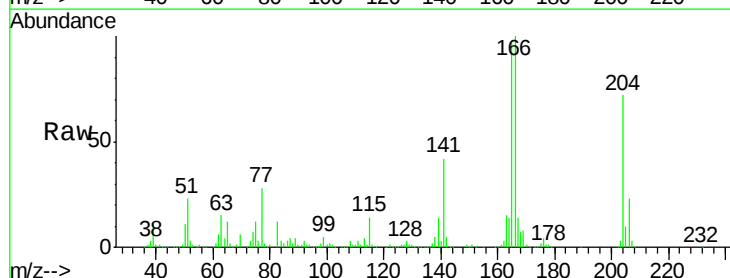
Tgt Ion:204 Resp: 537454

Ion Ratio Lower Upper

204 100

206 32.5 26.1 39.1

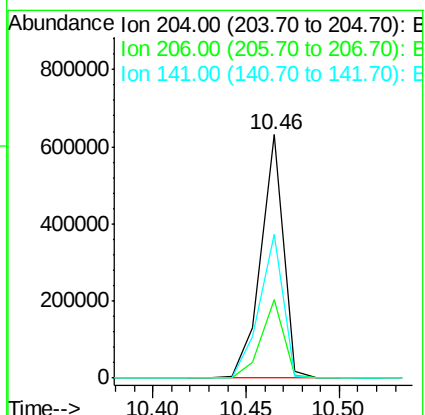
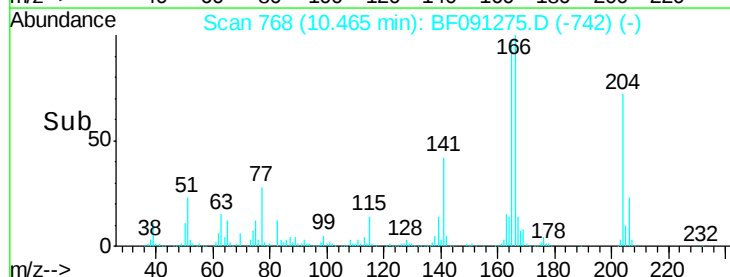
141 59.1 40.6 61.0

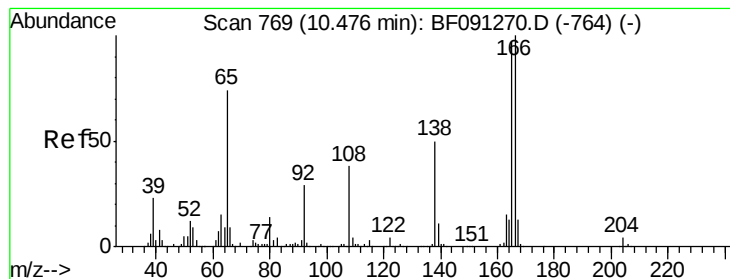


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.50 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

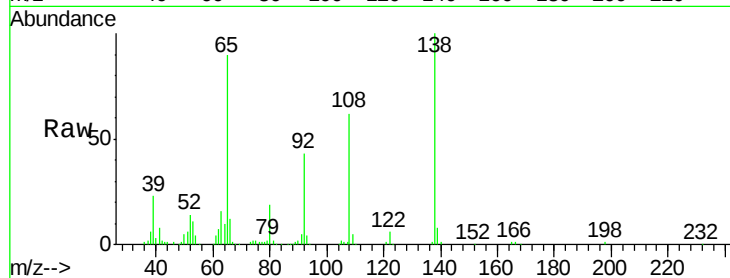
Tgt Ion:138 Resp: 300010

Ion Ratio Lower Upper

138 100

92 42.8 26.9 66.9

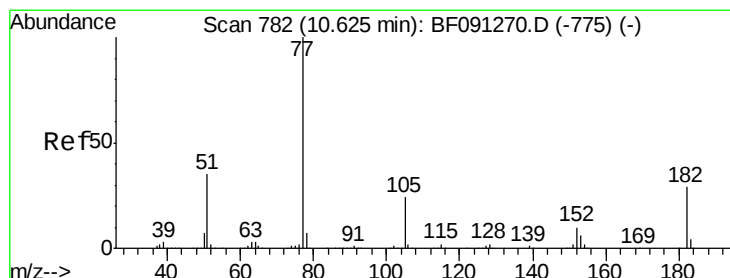
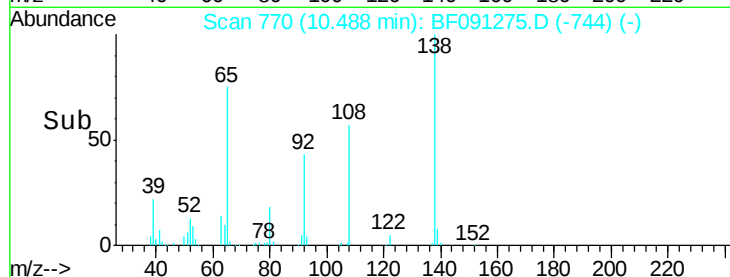
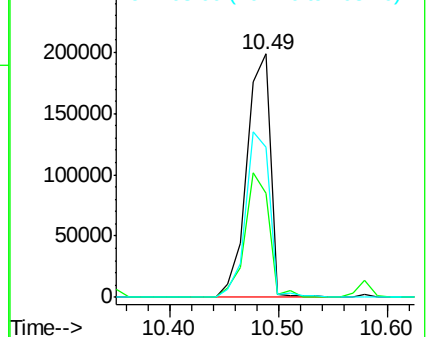
108 61.7 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.42 ng

RT: 10.62 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Tgt Ion: 77 Resp: 1303030

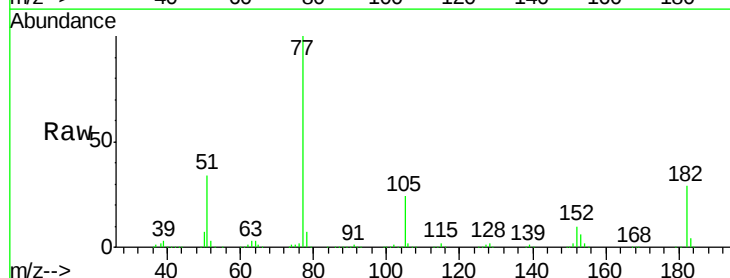
Ion Ratio Lower Upper

77 100

182 29.0 12.5 52.5

105 24.0 3.7 43.7

51 34.3 11.9 51.9

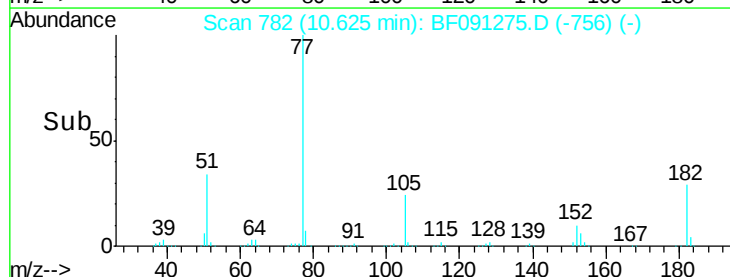
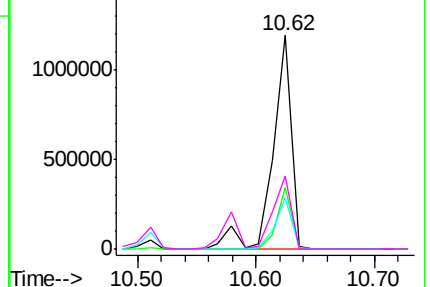


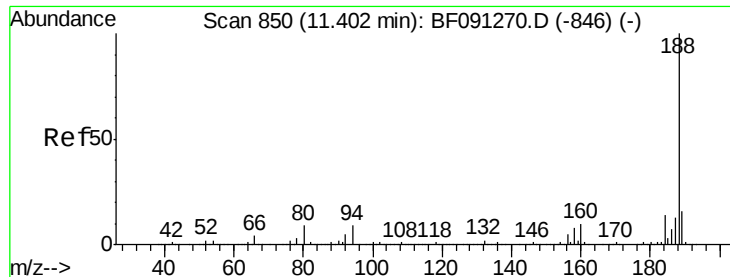
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

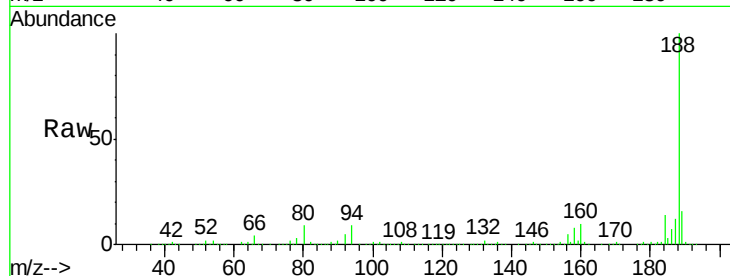




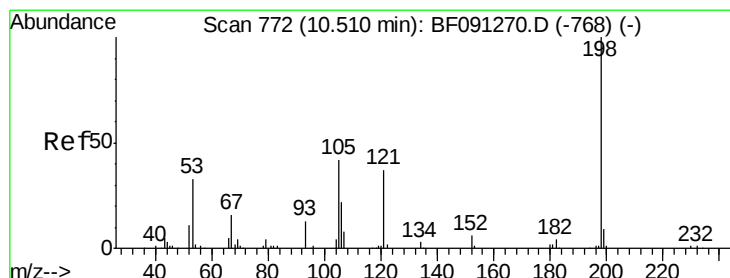
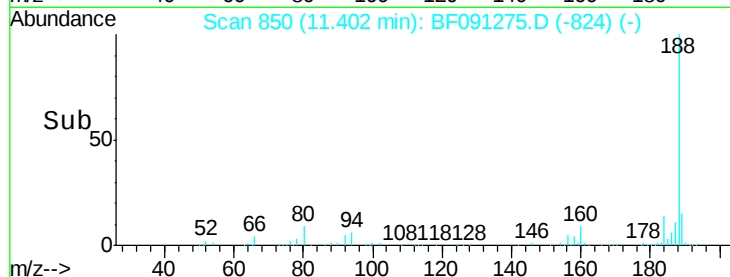
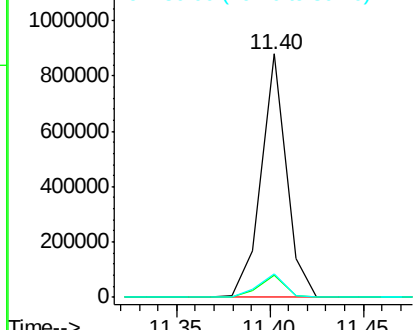
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:188 Resp: 821203
Ion Ratio Lower Upper
188 100
94 8.9 9.2 13.8#
80 9.4 10.5 15.7#

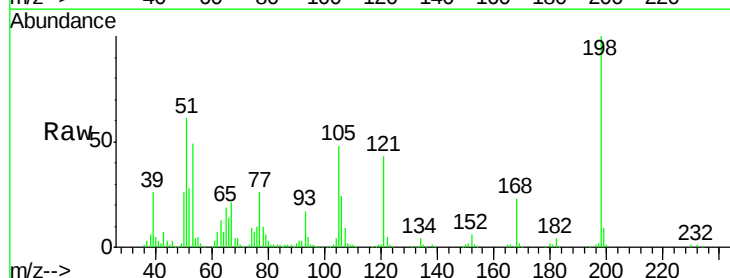


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

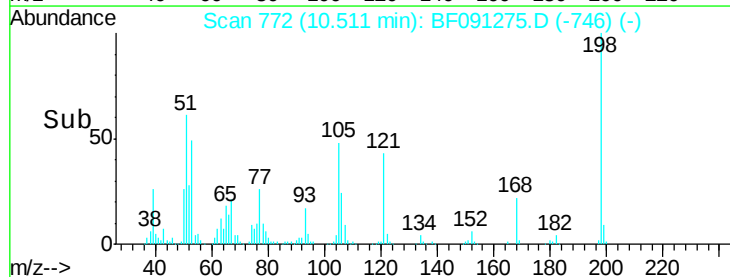
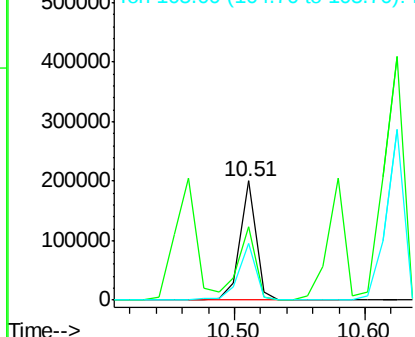


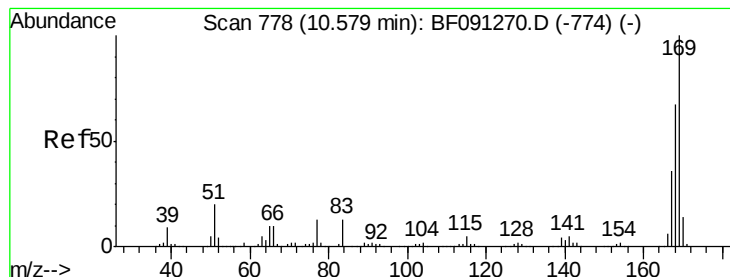
#64
4,6-Dinitro-2-methylphenol
Concen: 45.61 ng
RT: 10.51 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:198 Resp: 169856
Ion Ratio Lower Upper
198 100
51 61.4 77.1 117.1#
105 47.7 44.8 84.8



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

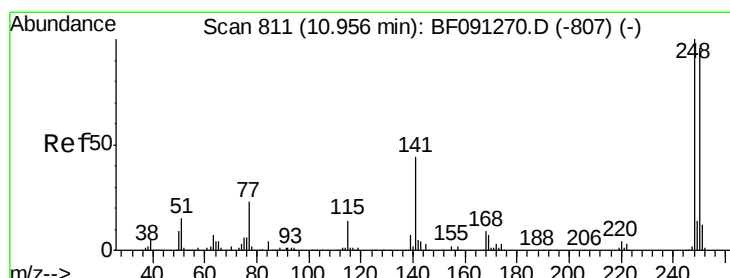
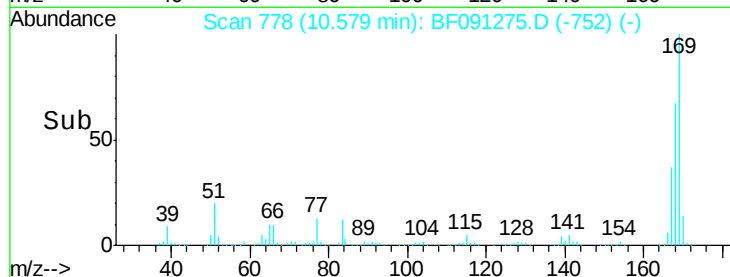
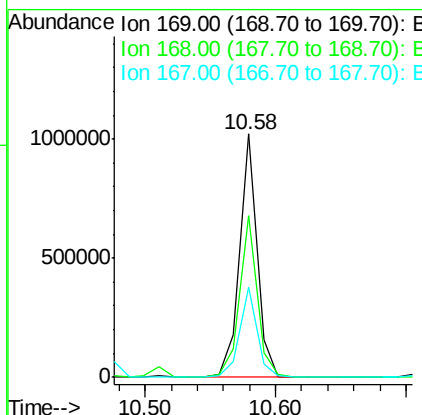
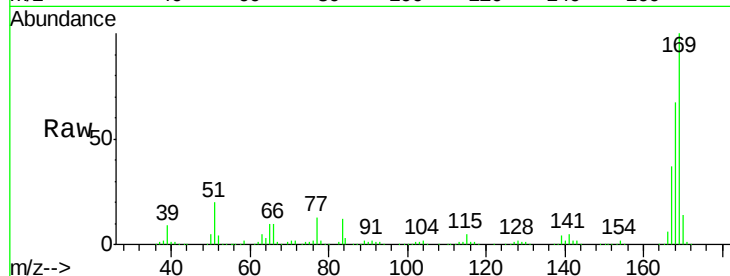




#65
 n-Nitrosodiphenylamine
 Concen: 37.77 ng
 RT: 10.58 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

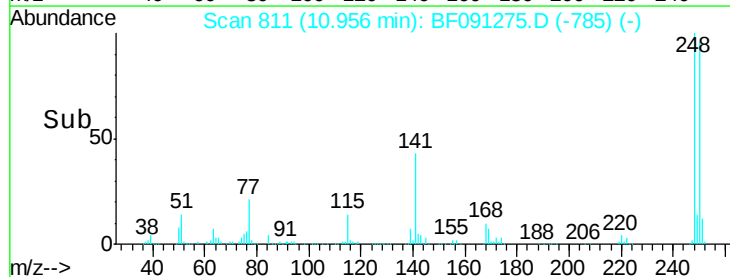
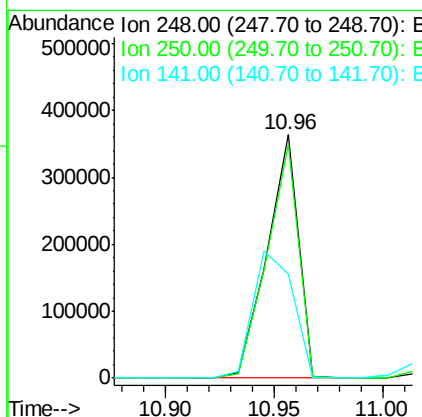
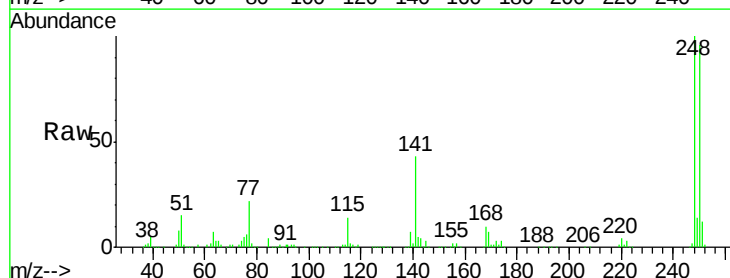
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

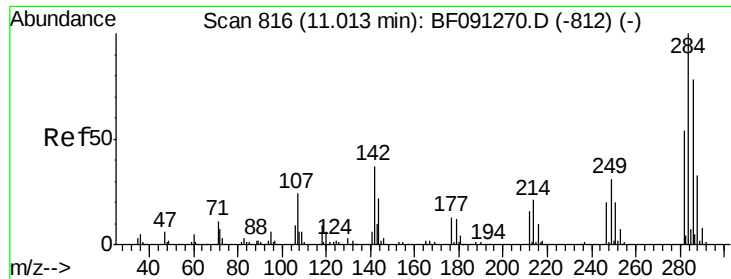
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.8	80.8
167	37.2	29.8	44.8



#66
 4-Bromophenyl-phenylether
 Concen: 41.11 ng
 RT: 10.96 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	78.2	117.4
141	43.0	71.9	107.9#

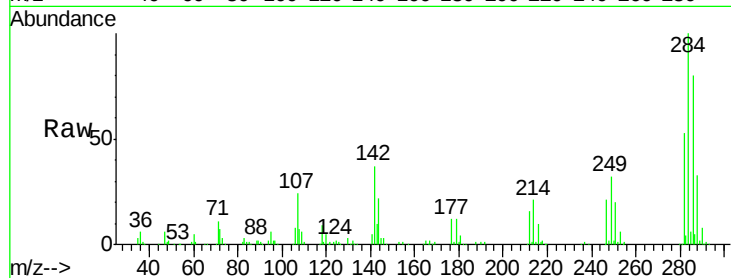




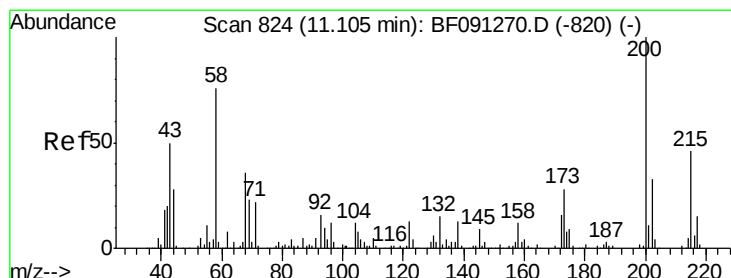
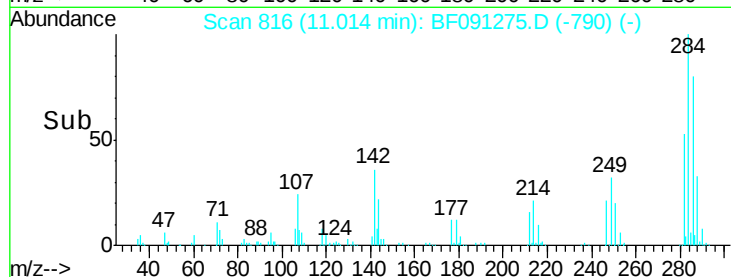
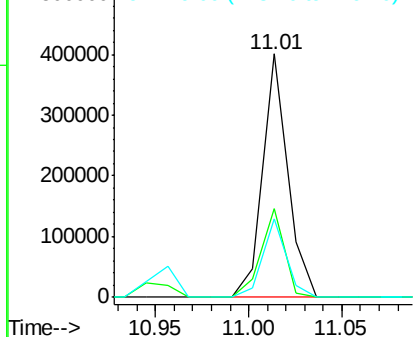
#67
Hexachlorobenzene
Concen: 37.62 ng
RT: 11.01 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion: 284 Resp: 370124
Ion Ratio Lower Upper
284 100
142 36.7 17.9 26.9#
249 32.2 23.6 35.4

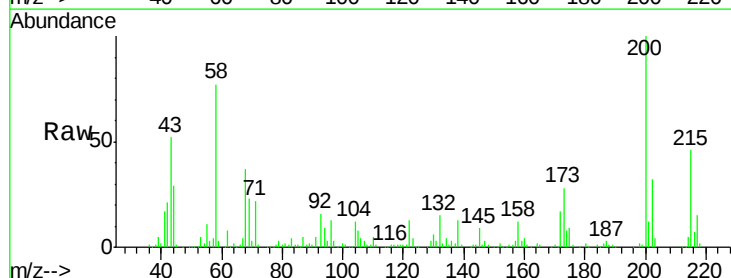


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

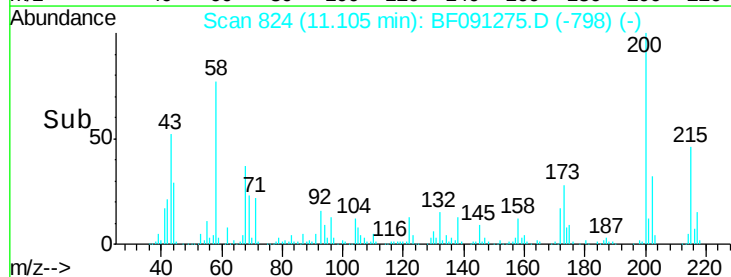
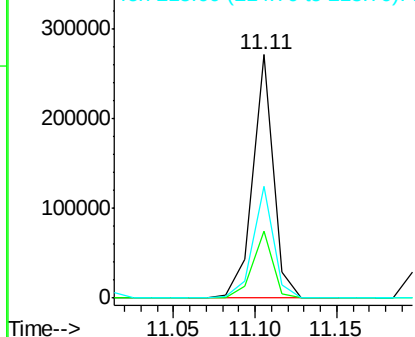


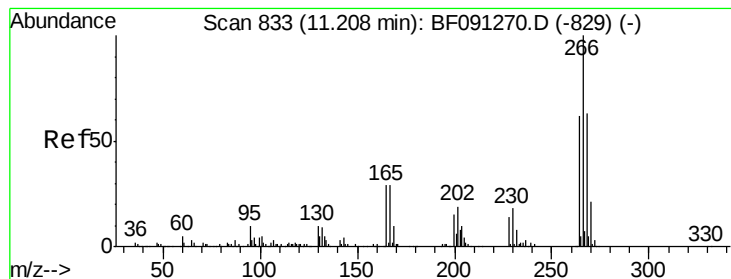
#68
Atrazine
Concen: 35.84 ng
RT: 11.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion: 200 Resp: 238387
Ion Ratio Lower Upper
200 100
173 27.6 7.8 47.8
215 46.0 24.3 64.3



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: 43.40 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

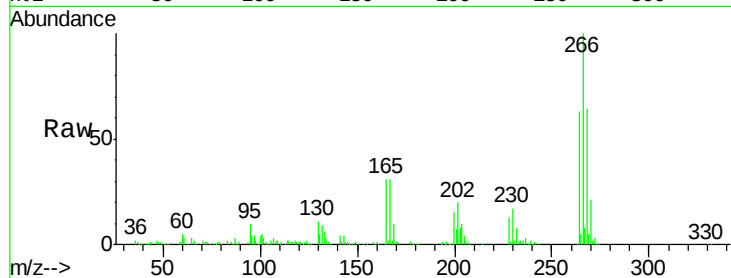
Tgt Ion:266 Resp: 252669

Ion Ratio Lower Upper

266 100

268 64.2 50.3 75.5

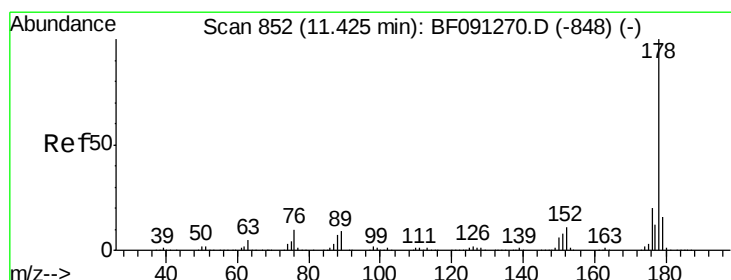
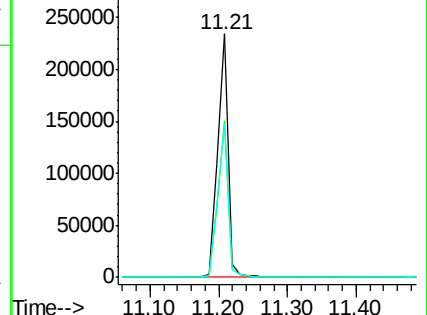
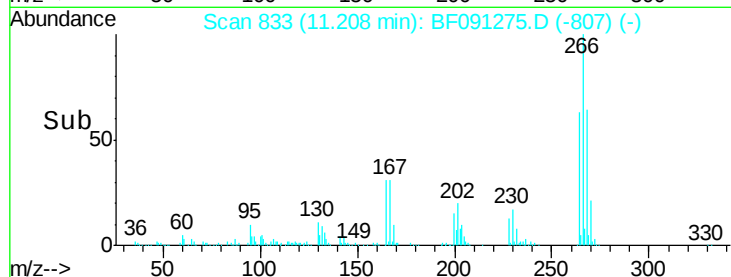
264 62.9 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.55 ng

RT: 11.43 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

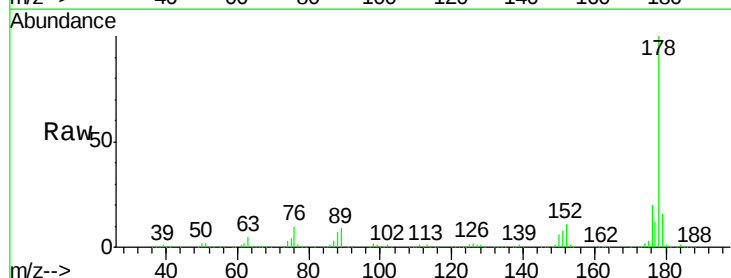
Tgt Ion:178 Resp: 1556951

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

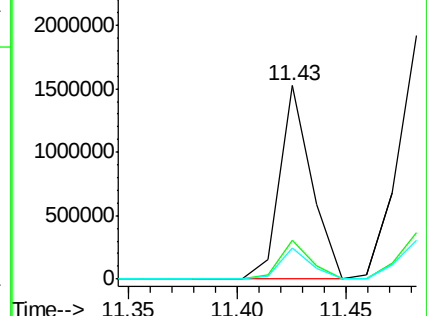
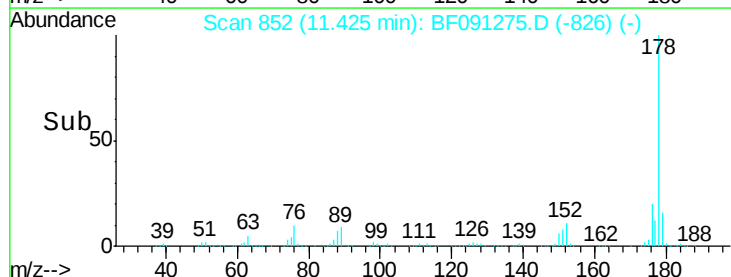
179 16.1 12.6 18.8

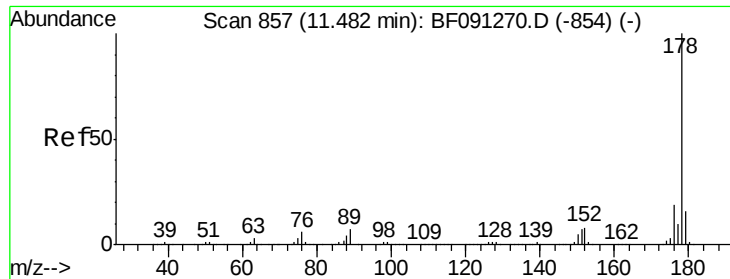


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

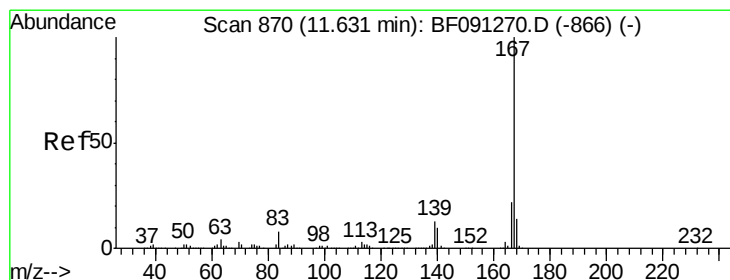
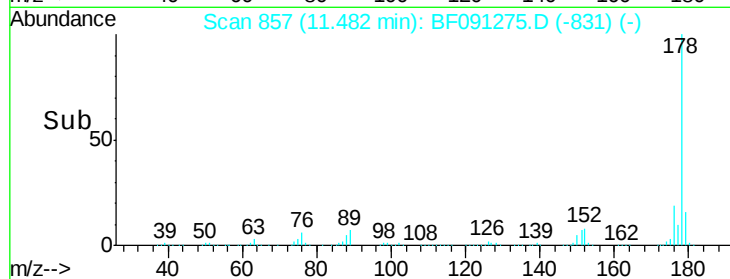
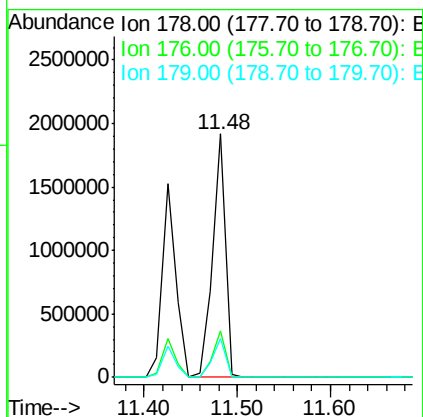
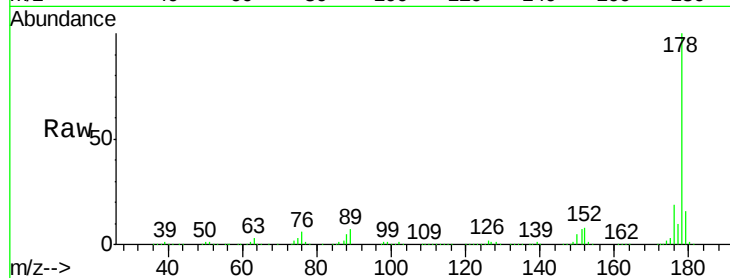




#71
 Anthracene
 Concen: 42.03 ng
 RT: 11.48 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

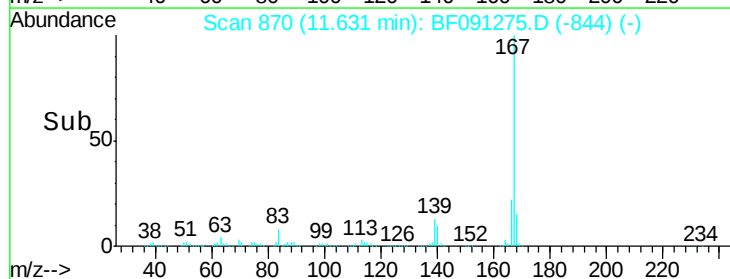
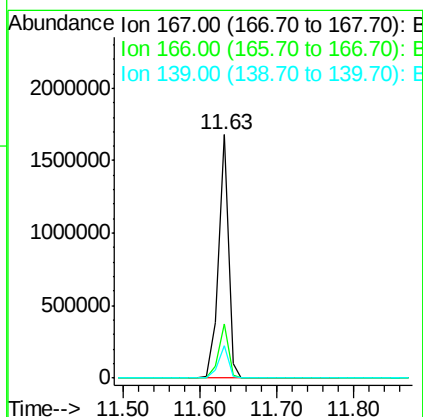
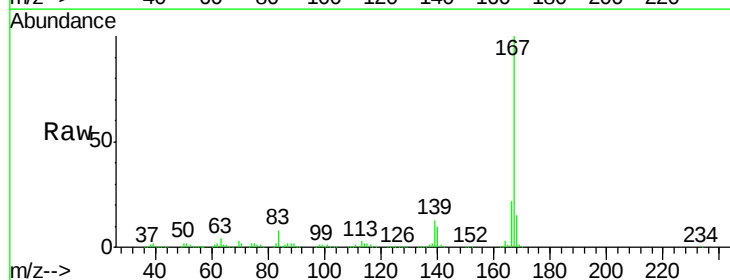
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

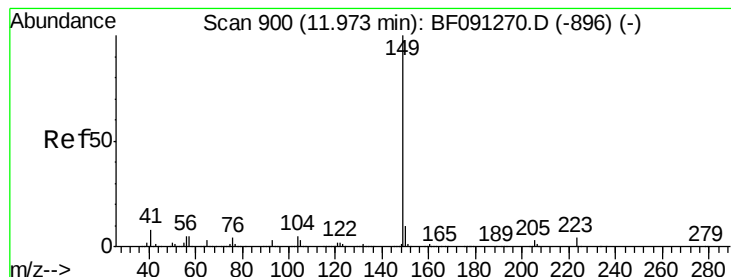
Tgt Ion:178 Resp: 1830943
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.6
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 38.95 ng
 RT: 11.63 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion:167 Resp: 1509807
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.5 11.5 17.3





#73

Di-n-butylphthalate

Concen: 42.16 ng

RT: 11.97 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

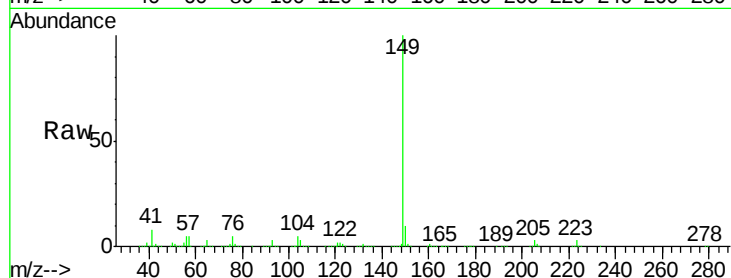
Tgt Ion:149 Resp: 1892600

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

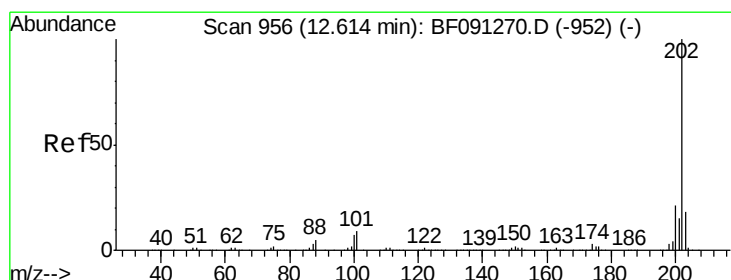
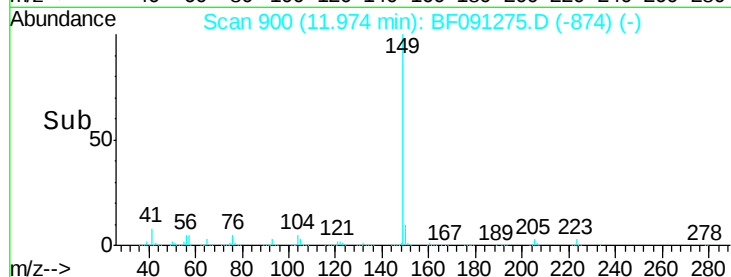
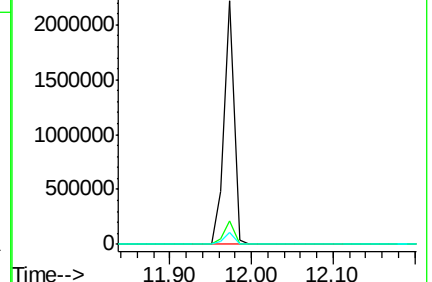
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.68 ng

RT: 12.61 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

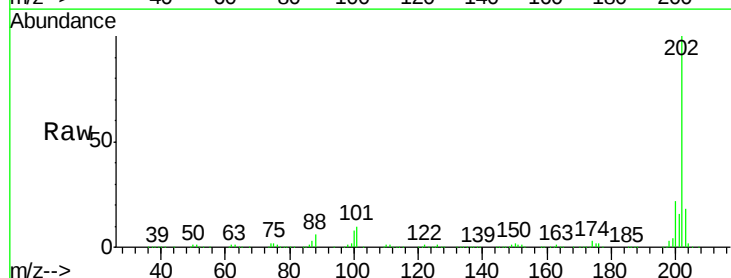
Tgt Ion:202 Resp: 1762911

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.5

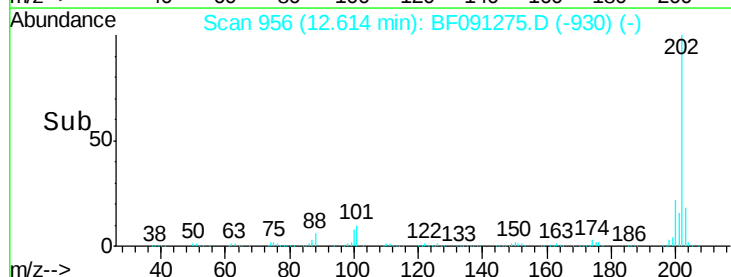
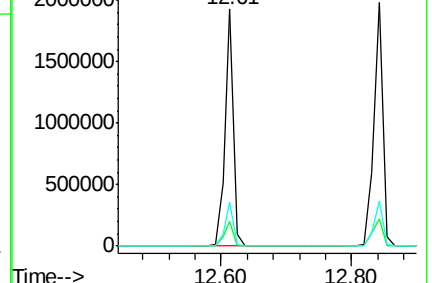
203 18.4 0.0 37.8

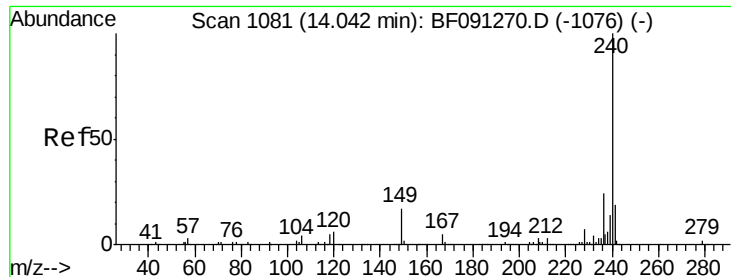


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

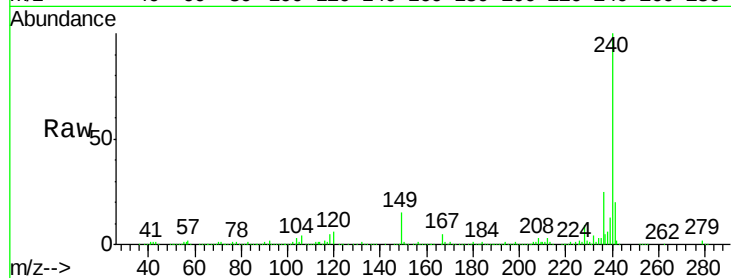
Tgt Ion:240 Resp: 709339

Ion Ratio Lower Upper

240 100

120 6.2 12.1 18.1#

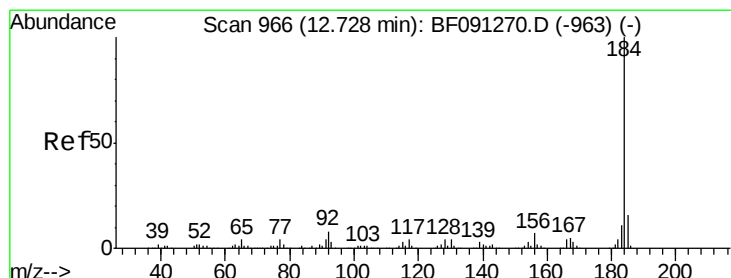
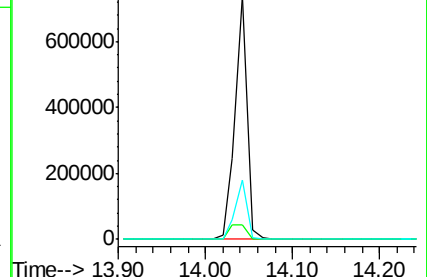
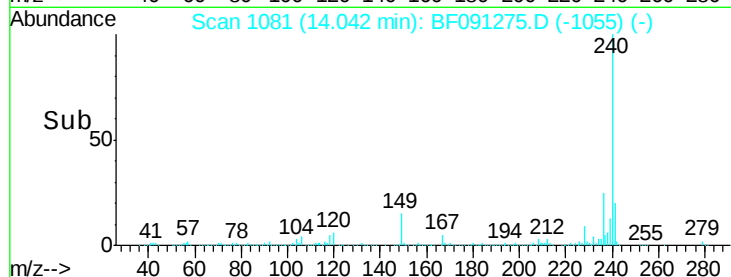
236 24.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.71 ng

RT: 12.73 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

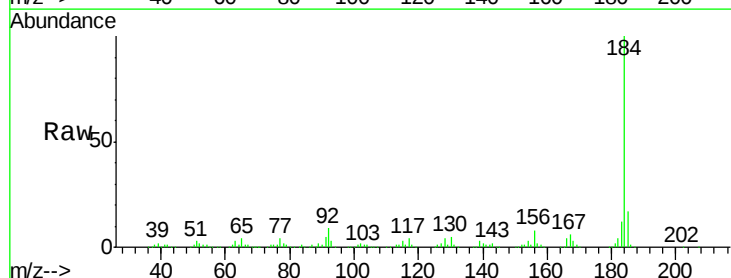
Tgt Ion:184 Resp: 532229

Ion Ratio Lower Upper

184 100

185 17.1 13.1 19.7

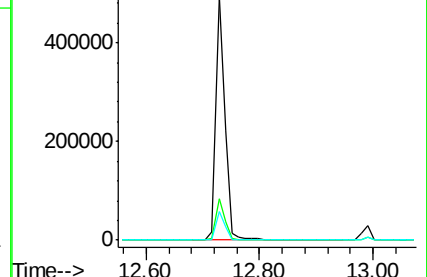
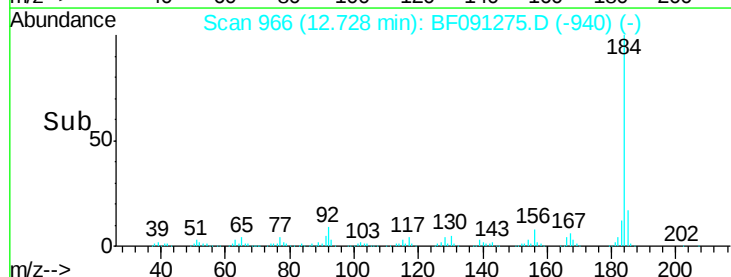
183 11.7 8.9 13.3

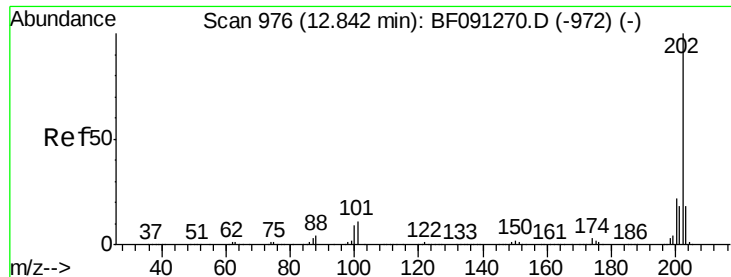


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

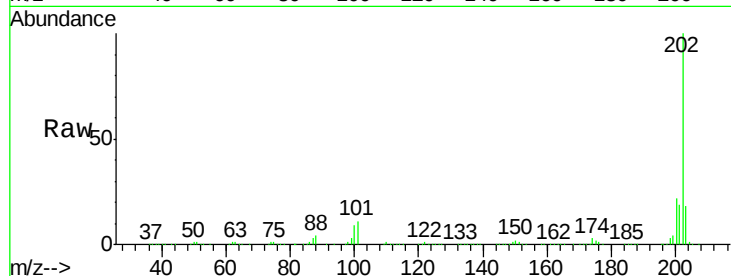




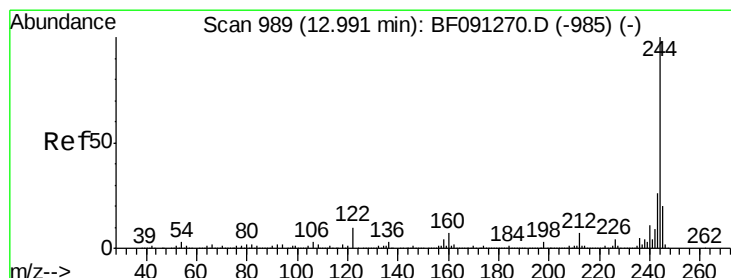
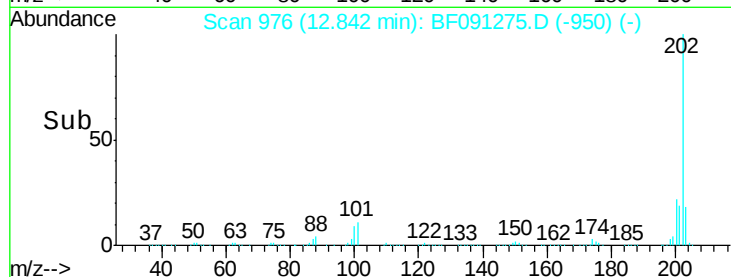
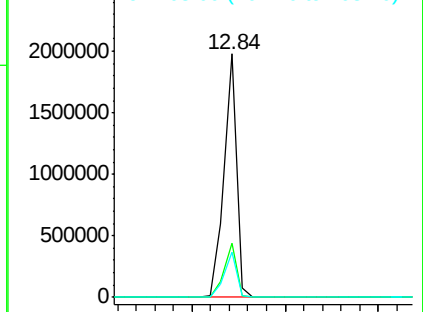
#77
 Pyrene
 Concen: 35.06 ng
 RT: 12.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

Tgt Ion:202 Resp: 1837715
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 18.4 14.0 21.0

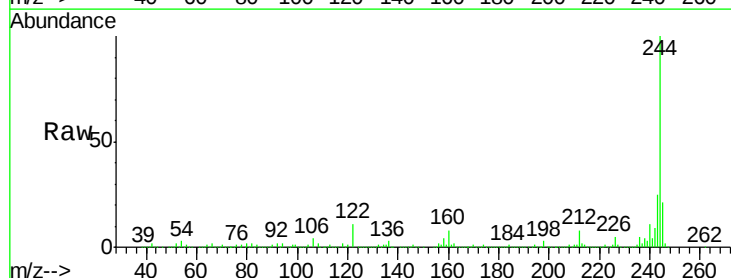


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

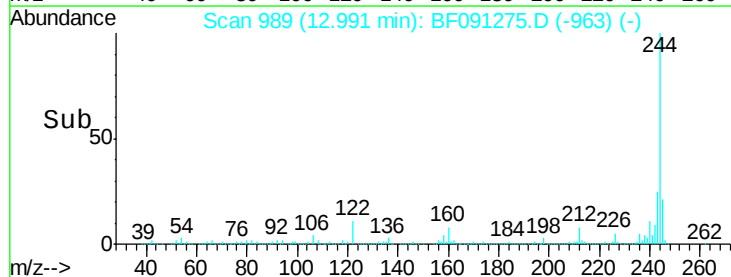
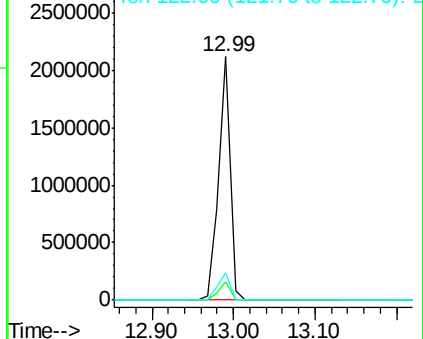


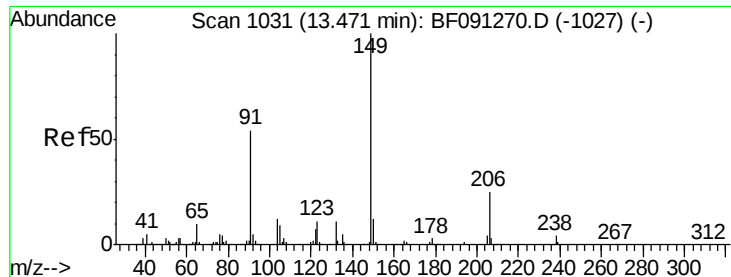
#78
 Terphenyl-d14
 Concen: 66.79 ng
 RT: 12.99 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion:244 Resp: 2074515
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 11.1 9.5 14.3



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

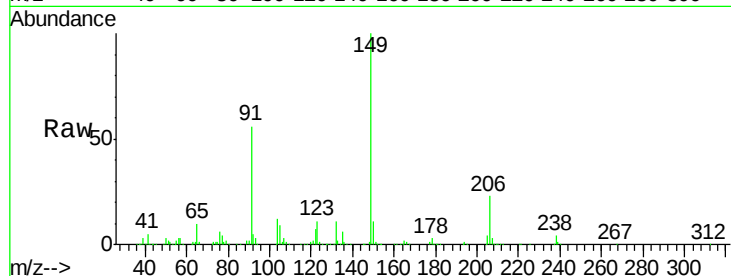




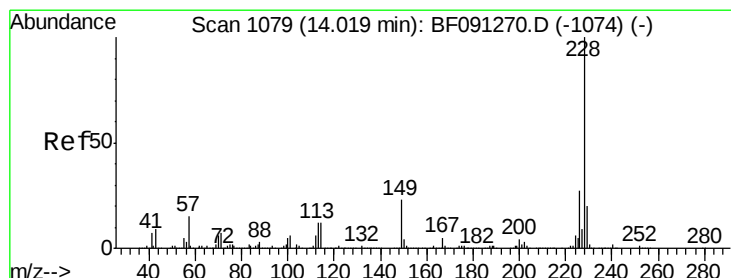
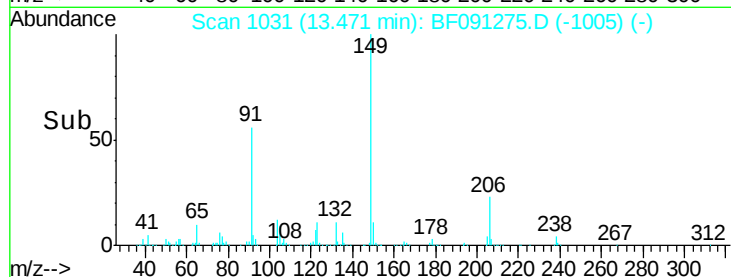
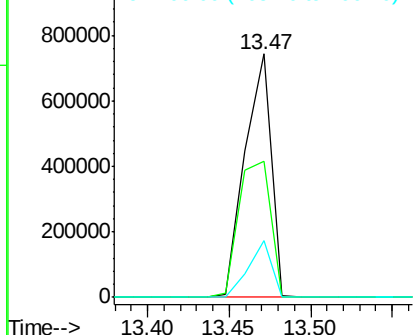
#79
Butylbenzylphthalate
Concen: 39.41 ng
RT: 13.47 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:149 Resp: 826534
Ion Ratio Lower Upper
149 100
91 56.1 57.4 86.2#
206 23.4 15.4 23.2#

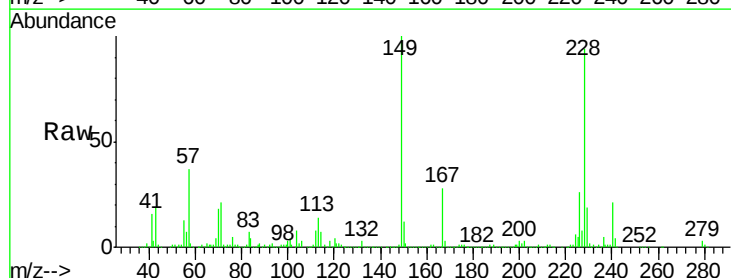


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

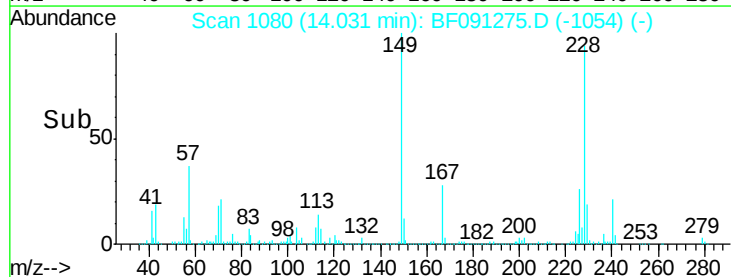
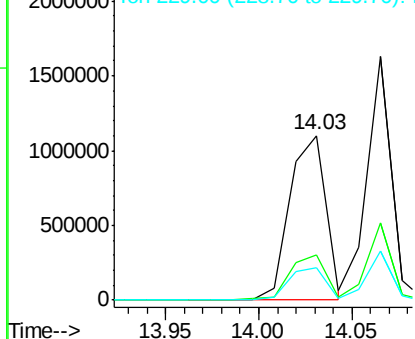


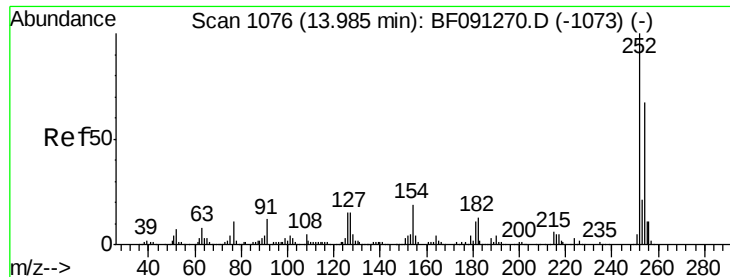
#80
Benzo(a)anthracene
Concen: 36.95 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:228 Resp: 1487714
Ion Ratio Lower Upper
228 100
226 27.2 22.5 33.7
229 19.6 16.4 24.6



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

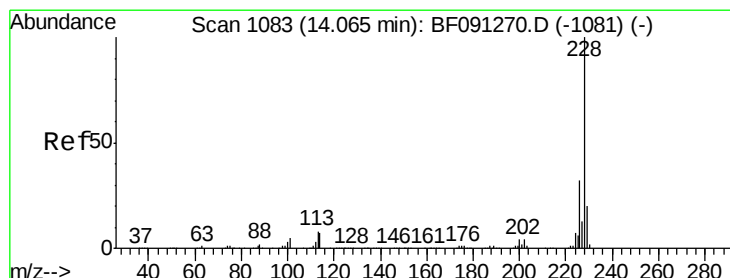
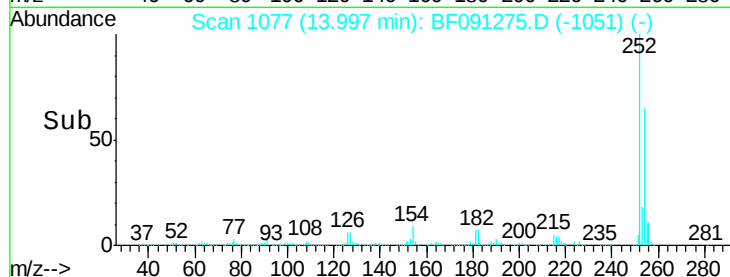
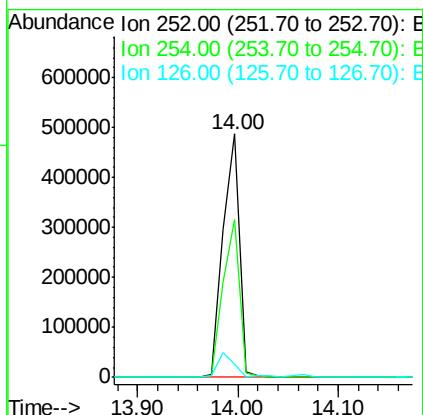
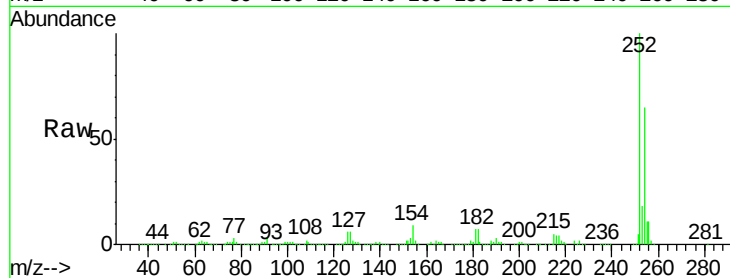




#81
 3,3'-Dichlorobenzidine
 Concen: 41.99 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

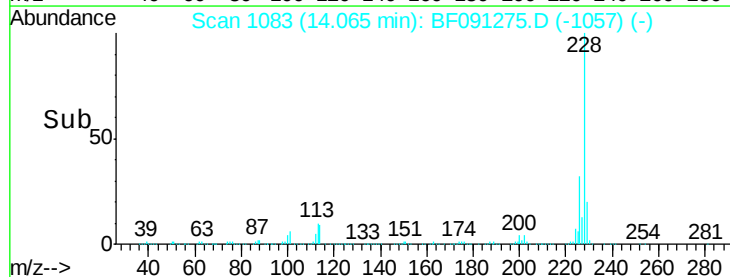
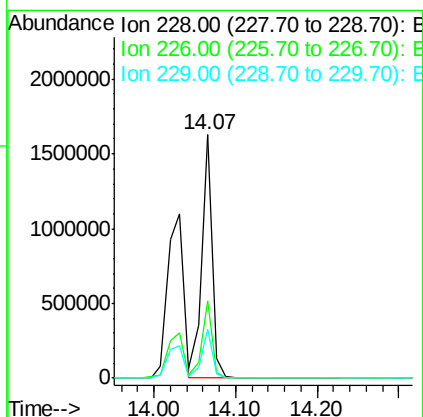
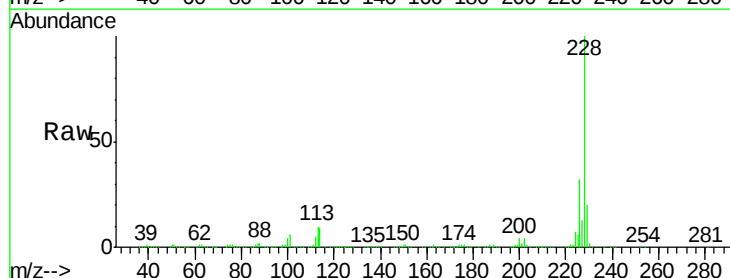
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

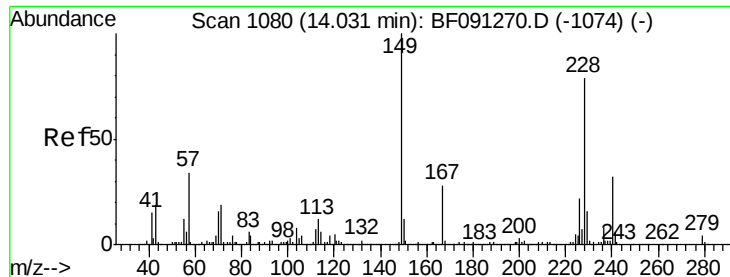
Tgt Ion:252 Resp: 557446
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.1 78.1
 126 5.5 7.5 11.3#



#82
 Chrysene
 Concen: 38.71 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion:228 Resp: 1472636
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.0 37.4
 229 20.2 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.67 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

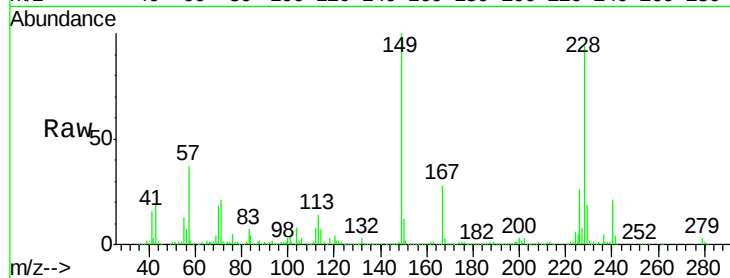
Tgt Ion:149 Resp: 1009704

Ion Ratio Lower Upper

149 100

167 27.6 19.6 29.4

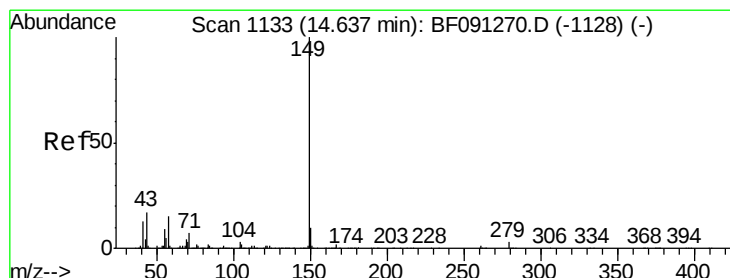
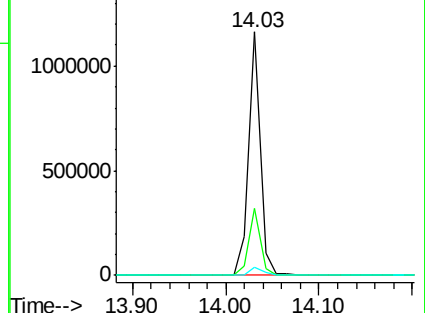
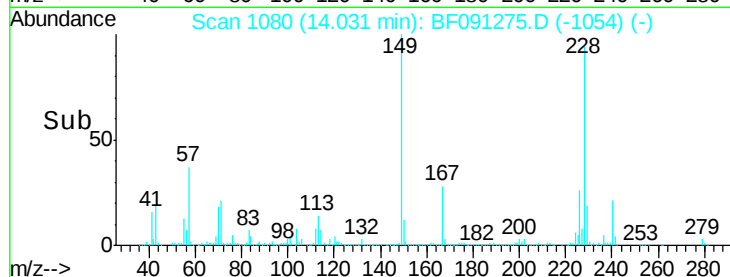
279 3.5 1.9 2.9#



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: 43.18 ng

RT: 14.64 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

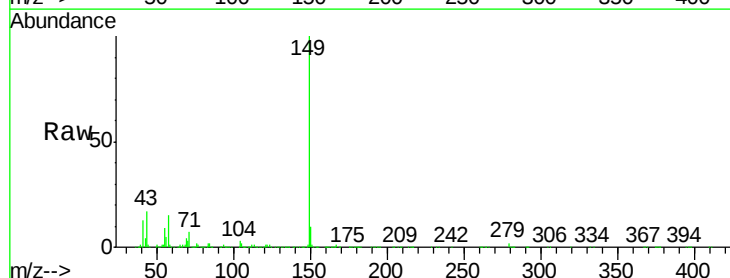
Tgt Ion:149 Resp: 1774833

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

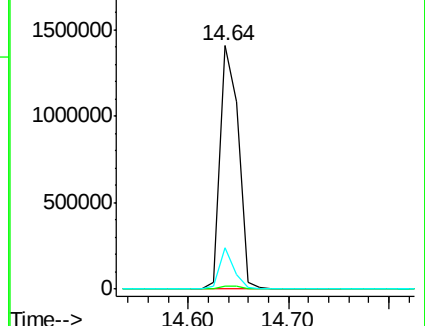
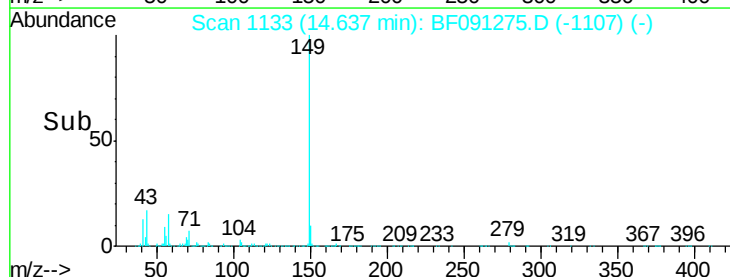
43 13.9 11.9 17.9

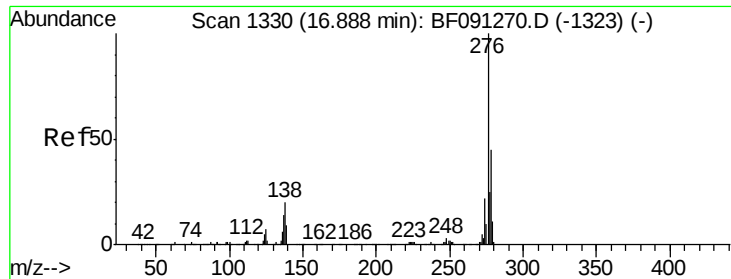


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

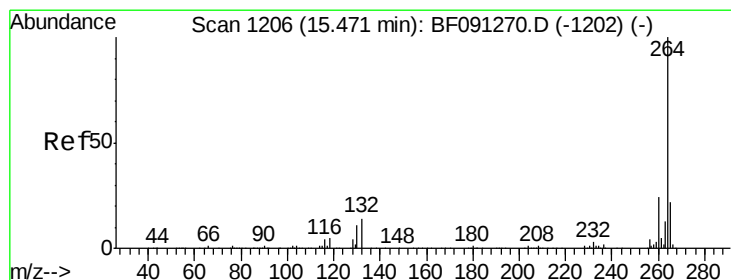
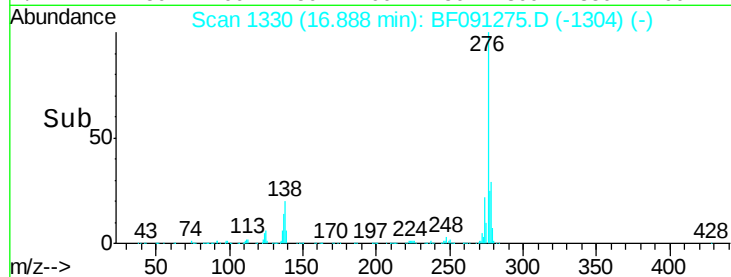
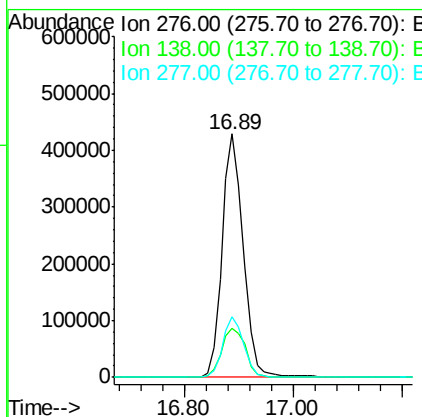
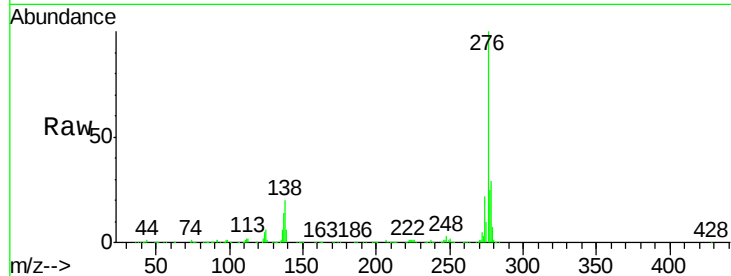




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.37 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

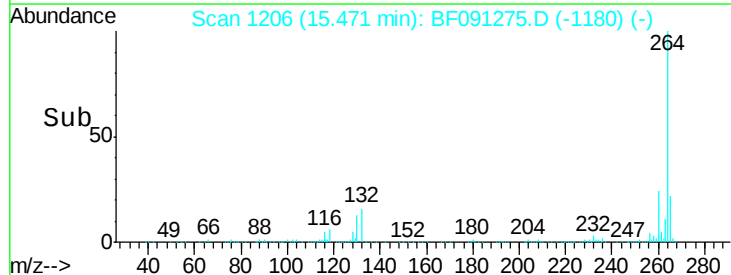
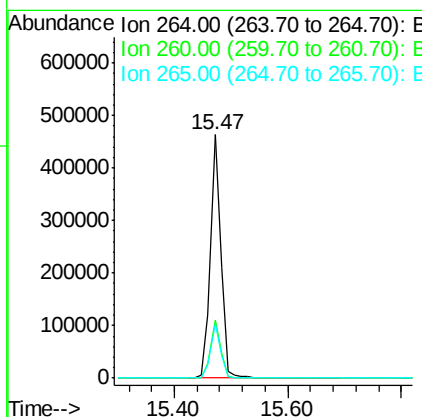
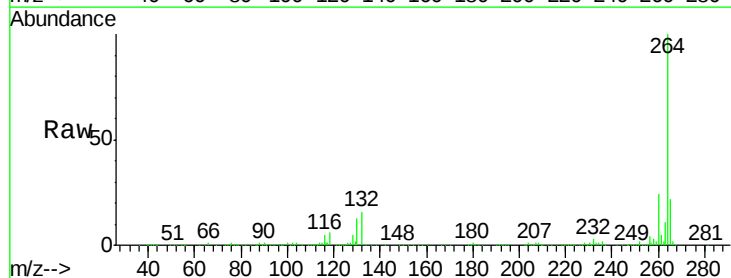
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112316

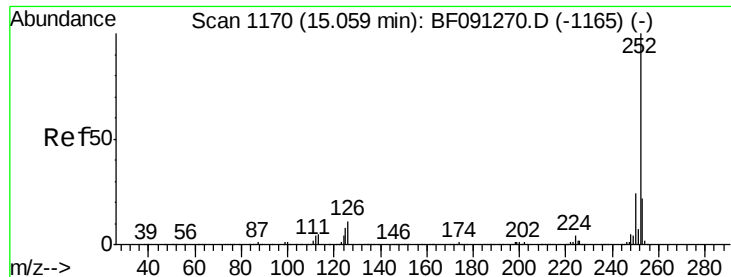
Tgt Ion:276 Resp: 1159046
 Ion Ratio Lower Upper
 276 100
 138 22.7 21.0 31.4
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF091275.D
 Acq: 23 Nov 2016 13:58

Tgt Ion:264 Resp: 569246
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 22.1 17.0 25.6

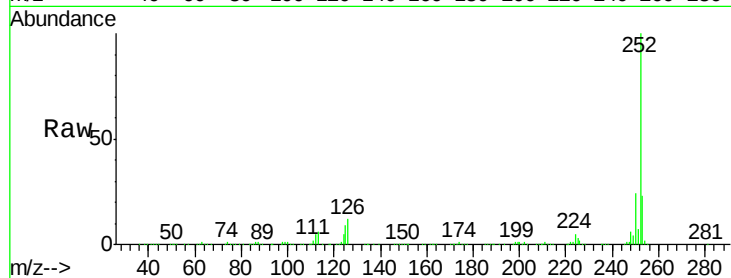




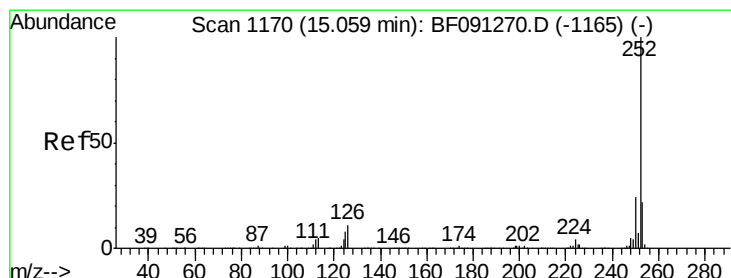
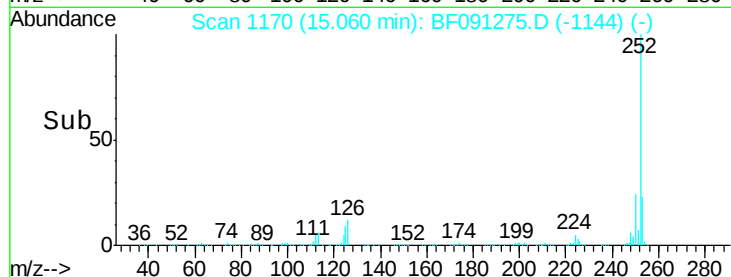
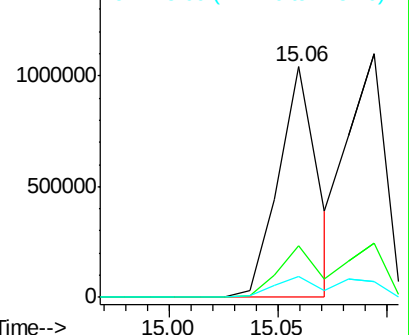
#87
Benzo(b)fluoranthene
Concen: 36.39 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Instrument :
BNA_F
ClientSampleId :
ICVBF112316

Tgt Ion:252 Resp: 1306924
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 8.9 8.6 13.0

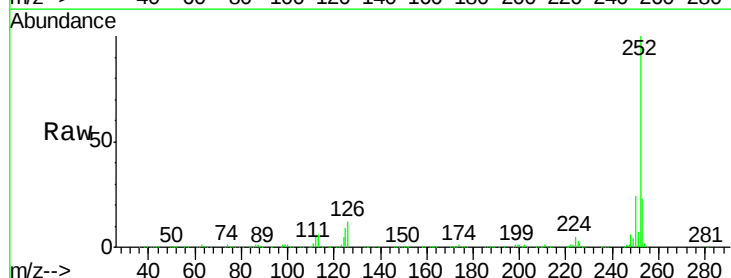


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

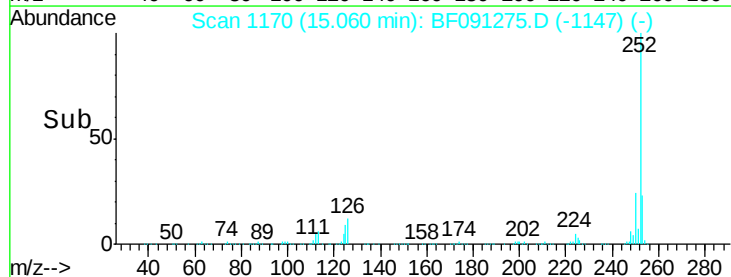
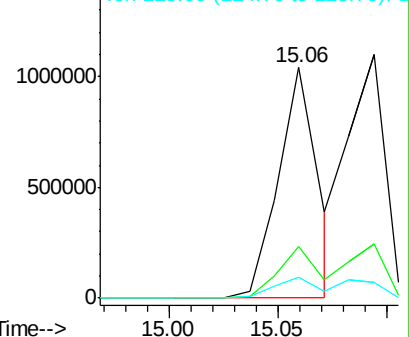


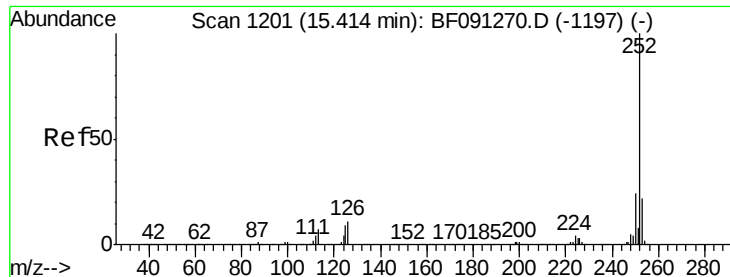
#88
Benzo(k)fluoranthene
Concen: 44.56 ng
RT: 15.06 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:252 Resp: 1306924
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.9 9.6 14.4#



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

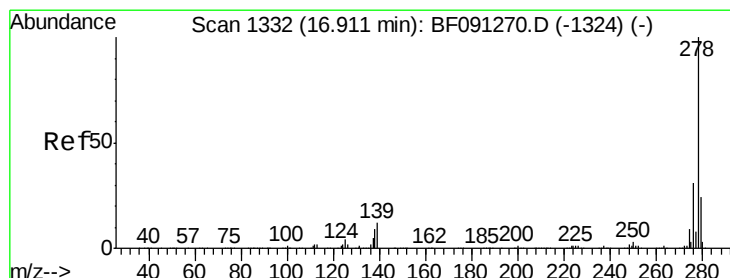
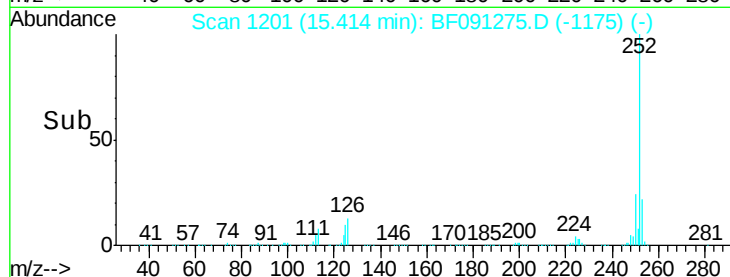
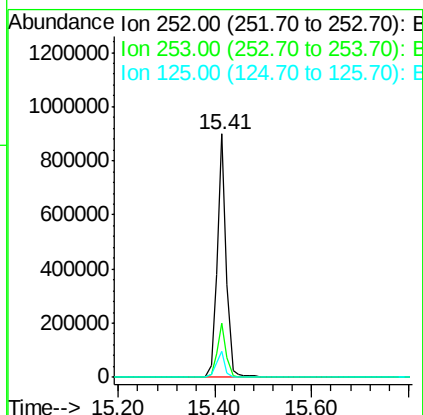
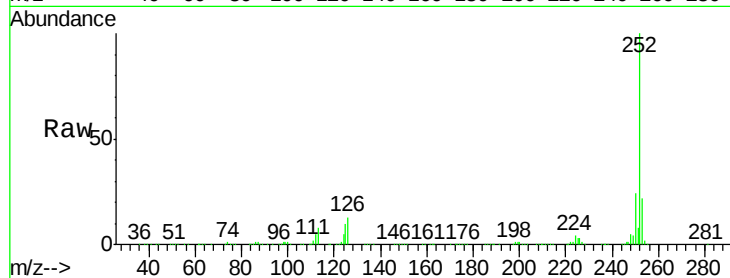




#89
Benzo(a)pyrene
Concen: 38.89 ng
RT: 15.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

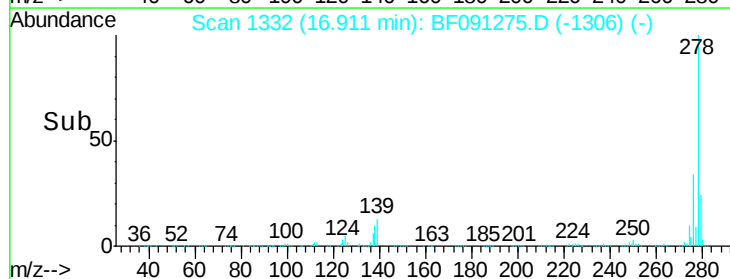
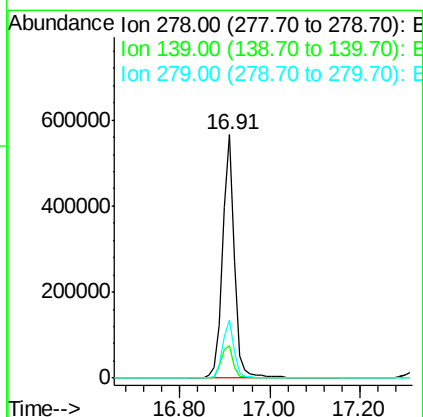
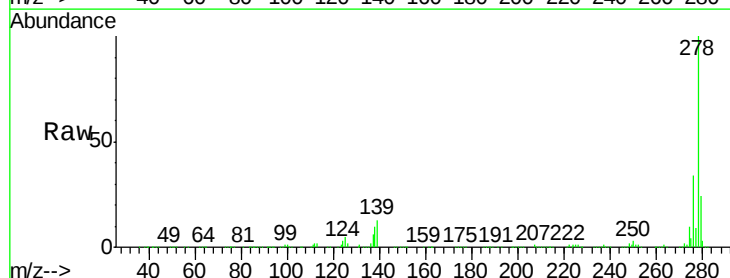
Instrument :
BNA_F
ClientSampleId :
ICVBF112316

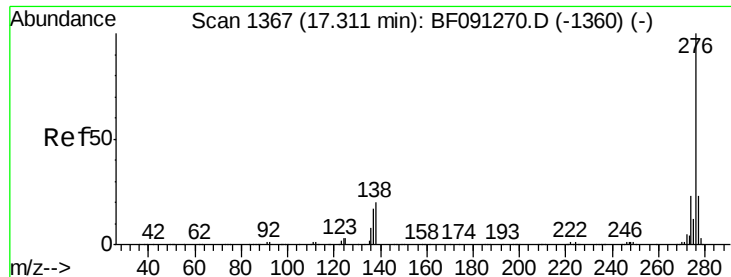
Tgt Ion:	252	Resp:	1188191
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.4	10.4	15.6



#90
Dibenzo(a,h)anthracene
Concen: 36.83 ng
RT: 16.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF091275.D
Acq: 23 Nov 2016 13:58

Tgt Ion:	278	Resp:	1038921
Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.1	22.7#
279	23.7	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 35.55 ng

RT: 17.32 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF091275.D

Acq: 23 Nov 2016 13:58

Instrument :

BNA_F

ClientSampleId :

ICVBF112316

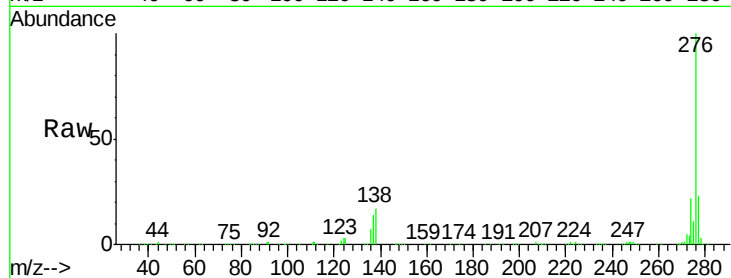
Tgt Ion: 276 Resp: 994529

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 16.8 15.4 23.0



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

