

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091343.D
 Acq On : 30 Nov 2016 10:04
 Operator : UM/SJ
 Sample : PB94951BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 16:25:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	178497	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	717020	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	399753	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	644010	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	421040	20.00	ng	-0.03
86) Perylene-d12	15.44	264	352169	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	623466	57.06	ng	0.00
7) Phenol-d6	6.49	99	845743	62.88	ng	0.00
23) Nitrobenzene-d5	7.43	82	949217	74.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	221794	58.61	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1672400	75.75	ng	-0.02
78) Terphenyl-d14	12.97	244	1715084	88.54	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	153220	31.00	ng	# 86
3) Pyridine	3.27	79	436565	31.21	ng	87
4) n-Nitrosodimethylamine	3.22	42	272423	37.12	ng	92
6) Aniline	6.53	93	407606	22.81	ng	# 68
8) 2-Chlorophenol	6.65	128	433611	36.20	ng	96
9) Benzaldehyde	6.40	77	129151	14.93	ng	95
10) Phenol	6.50	94	569866	36.01	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	416834	36.86	ng	95
12) 1,3-Dichlorobenzene	6.88	146	472567	35.46	ng	97
13) 1,4-Dichlorobenzene	6.88	146	472567	35.65	ng	98
14) 1,2-Dichlorobenzene	6.88	146	472567	38.27	ng	96
15) Benzyl Alcohol	7.01	79	399638	37.13	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	846774	34.82	ng	71
17) 2-Methylphenol	7.12	107	356333	37.63	ng	# 76
18) Hexachloroethane	7.38	117	176828	37.57	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	310700	36.67	ng	# 96
20) 3+4-Methylphenols	7.27	107	399027	34.52	ng	# 64
22) Acetophenone	7.27	105	596536	35.10	ng	# 75
24) Nitrobenzene	7.44	77	436217	33.30	ng	94
25) Isophorone	7.69	82	863529	38.10	ng	96
26) 2-Nitrophenol	7.76	139	201827	33.81	ng	100
27) 2,4-Dimethylphenol	7.81	122	427128	38.25	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	496604	36.40	ng	99
29) 2,4-Dichlorophenol	8.00	162	340887	34.70	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	413457	37.54	ng	97
31) Naphthalene	8.17	128	1258223	36.92	ng	100
32) Benzoic acid	7.92	122	267957	32.55	ng	93
33) 4-Chloroaniline	8.22	127	95553	6.56	ng	98
34) Hexachlorobutadiene	8.30	225	244853	36.15	ng	99
35) Caprolactam	8.58	113	103392	36.62	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	372091	35.08	ng	97
37) 2-Methylnaphthalene	8.86	142	817304	35.30	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	369335	32.77	ng	99
40) Hexachlorocyclopentadiene	9.02	237	445834	85.35	ng	99

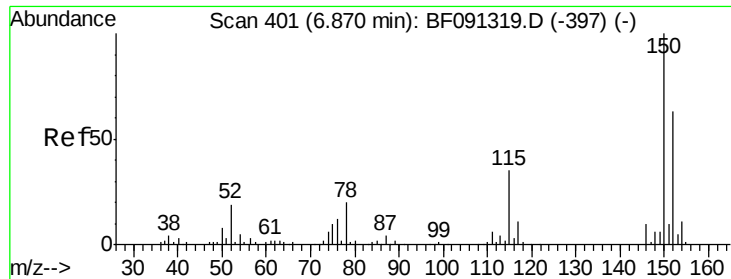
Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	269986	36.86	nq	94
43) 2,4,5-Trichlorophenol	9.18	196	263598	35.91	nq	# 88
45) 1,1'-Biphenyl	9.33	154	971870	33.81	nq	97
46) 2-Chloronaphthalene	9.35	162	727218	33.97	nq	98
47) 2-Nitroaniline	9.44	65	243367	31.65	nq	# 75
48) Acenaphthylene	9.76	152	1136520	33.73	nq	99
49) Dimethylphthalate	9.64	163	901041	37.23	nq	99
50) 2,6-Dinitrotoluene	9.69	165	207829	38.42	nq	# 59
51) Acenaphthene	9.94	154	843180	37.10	nq	95
52) 3-Nitroaniline	9.85	138	112415	17.95	nq	95
53) 2,4-Dinitrophenol	9.96	184	171820	72.62	nq	# 70
54) Dibenzofuran	10.12	168	1126632	37.02	nq	# 89
55) 4-Nitrophenol	10.01	139	289091	63.92	nq	99
56) 2,4-Dinitrotoluene	10.09	165	302848	43.15	nq	99
57) Fluorene	10.45	166	813682	34.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	244297	38.98	nq	94
59) Diethylphthalate	10.33	149	914147	38.26	nq	# 95
60) 4-Chlorophenyl-phenylether	10.45	204	408175	34.83	nq	92
61) 4-Nitroaniline	10.47	138	200802	34.15	nq	96
62) Azobenzene	10.61	77	1011197	41.48	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	135542	38.20	nq	# 72
65) n-Nitrosodiphenylamine	10.56	169	701188	35.91	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	281480	40.66	nq	# 77
67) Hexachlorobenzene	11.00	284	265886	35.55	nq	# 79
68) Atrazine	11.09	200	223252	35.30	nq	99
69) Pentachlorophenol	11.19	266	310955	70.62	nq	94
70) Phenanthrene	11.41	178	1156375	34.56	nq	100
71) Anthracene	11.46	178	1365878	41.13	nq	99
72) Carbazole	11.61	167	1068002	35.44	nq	99
73) Di-n-butylphthalate	11.96	149	1405232	41.14	nq	99
74) Fluoranthene	12.60	202	1337279	42.19	nq	98
76) Benzidine	12.71	184	344427	27.87	nq	98
77) Pyrene	12.83	202	1355387	42.42	nq	99
79) Butylbenzylphthalate	13.44	149	486795	40.68	nq	89
80) Benzo(a)anthracene	14.00	228	912041	37.04	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	191223	22.05	nq	99
82) Chrysene	14.05	228	907656	37.26	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	655146	43.20	nq	# 91
84) Di-n-octyl phthalate	14.62	149	999089	43.53	nq	96
85) Indeno(1,2,3-cd)pyrene	16.85	276	888640	39.83	nq	96
87) Benzo(b)fluoranthene	15.07	252	1561421	71.33	nq	# 95
88) Benzo(k)fluoranthene	15.07	252	1561759	84.84	nq	# 94
89) Benzo(a)pyrene	15.39	252	730952	37.18	nq	# 96
90) Dibenzo(a,h)anthracene	16.87	278	744116	40.93	nq	# 93
91) Benzo(g,h,i)perylene	17.27	276	784477	41.85	nq	99

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

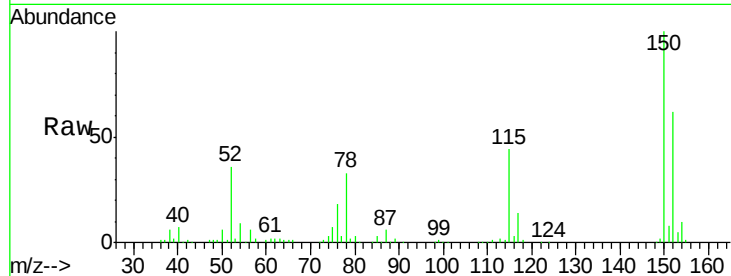


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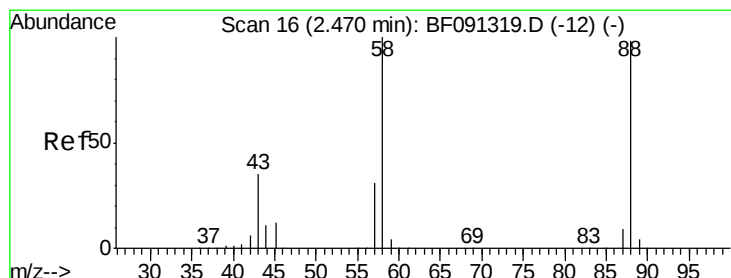
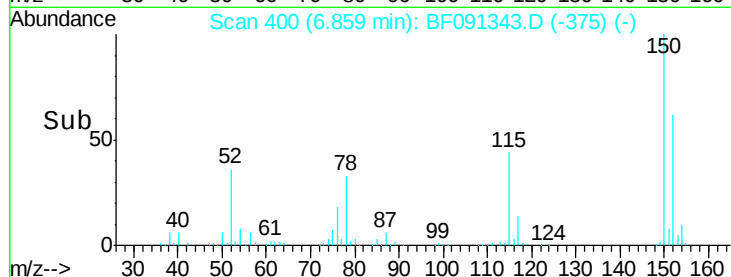
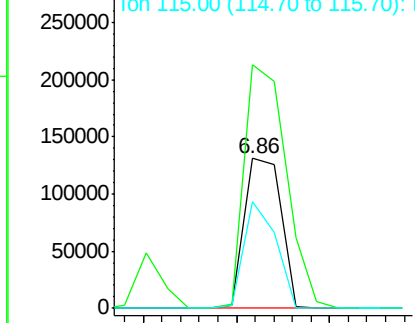
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178497
Ion Ratio Lower Upper
152 100
150 162.2 122.5 183.7
115 71.3 51.8 77.8



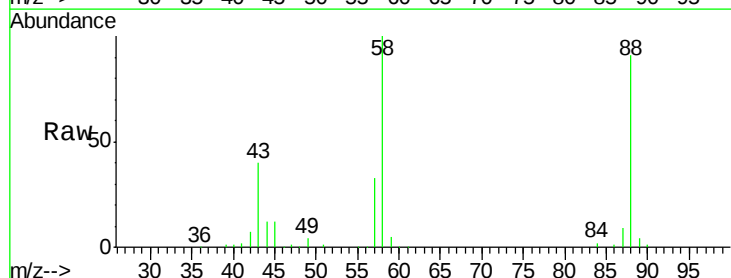
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



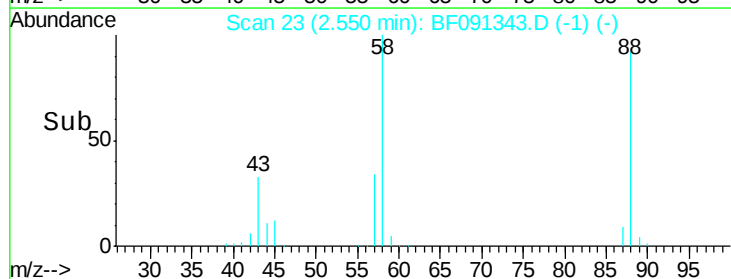
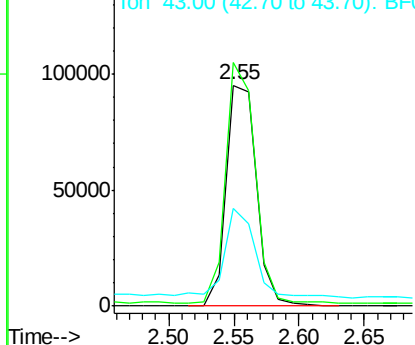
#2

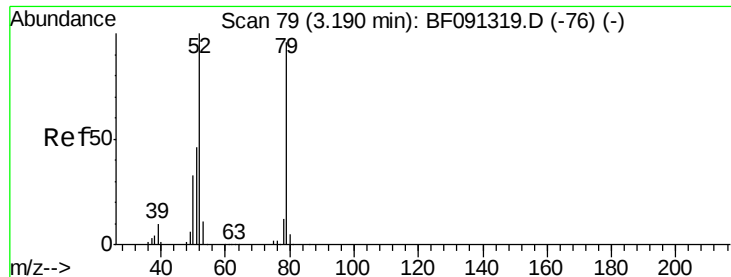
1,4-Dioxane
Concen: 31.00 ng
RT: 2.55 min Scan# 23
Delta R.T. 0.05 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion: 88 Resp: 153220
Ion Ratio Lower Upper
88 100
58 105.5 70.3 105.5#
43 41.8 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

Pvridine

Concen: 31.21 ng

RT: 3.27 min Scan# 86

Delta R.T. 0.05 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

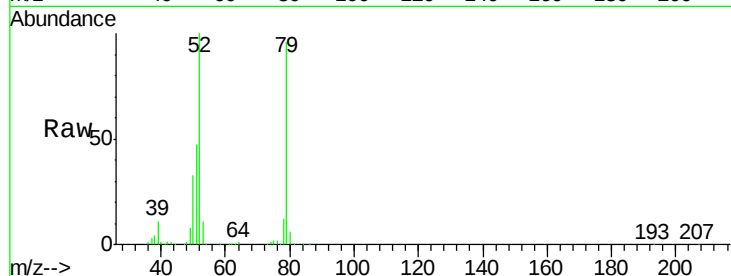
Tot Ion: 79 Resp: 436565

Ion Ratio Lower Upper

79 100

52 104.7 71.0 106.4

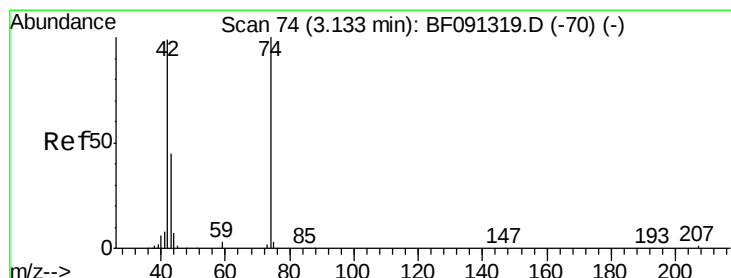
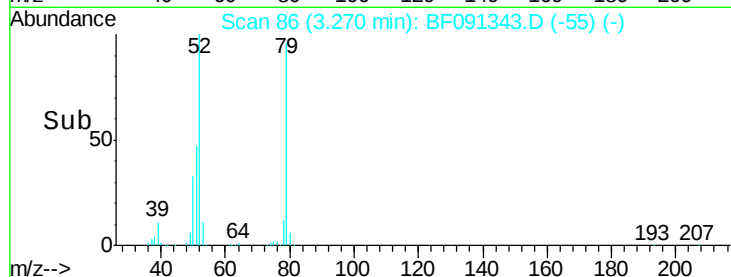
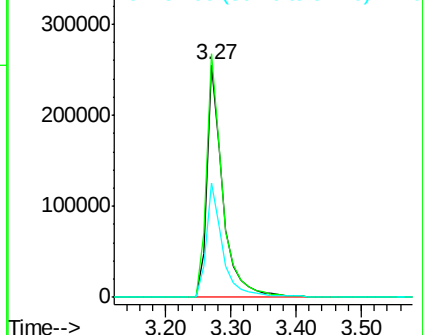
51 49.1 37.0 55.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.12 ng

RT: 3.22 min Scan# 82

Delta R.T. 0.05 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

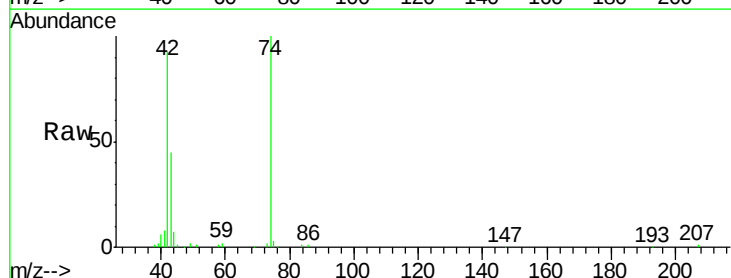
Tgt Ion: 42 Resp: 272423

Ion Ratio Lower Upper

42 100

74 107.0 78.9 118.3

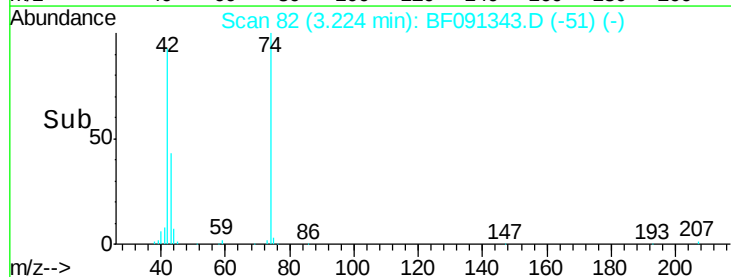
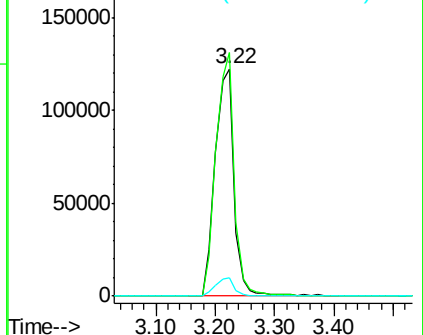
44 8.0 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 57.06 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

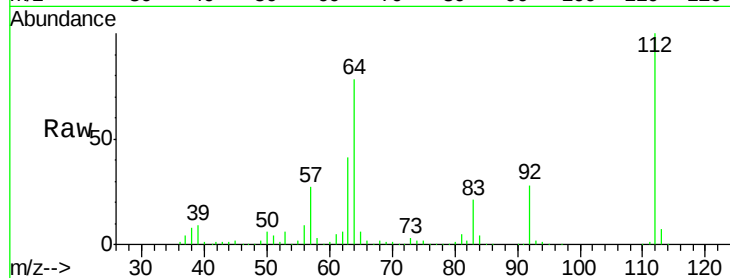
Tot Ion:112 Resp: 623466

Ion Ratio Lower Upper

112 100

64 77.8 61.5 92.3

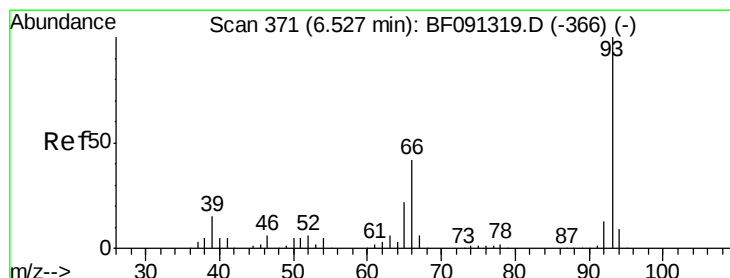
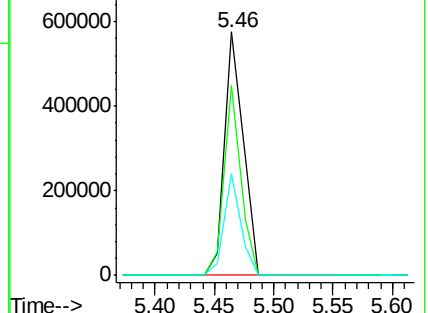
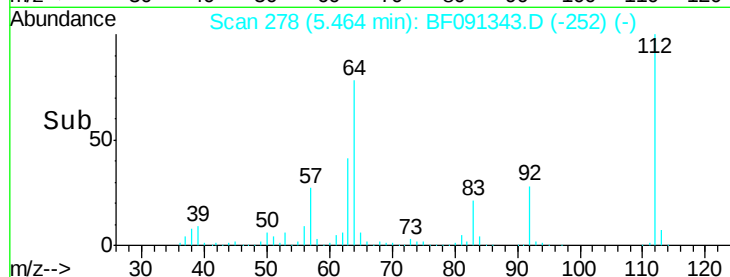
63 41.4 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.81 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

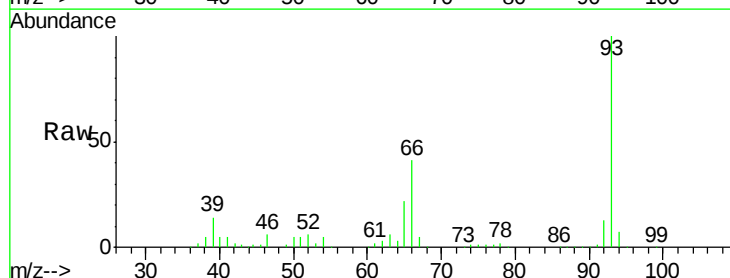
Tgt Ion: 93 Resp: 407606

Ion Ratio Lower Upper

93 100

66 41.0 55.8 83.6#

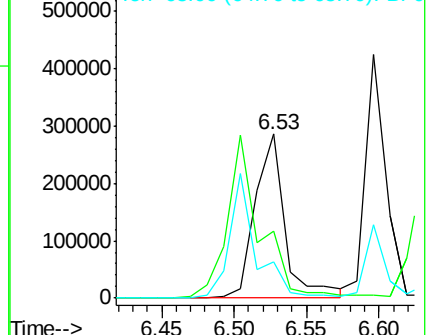
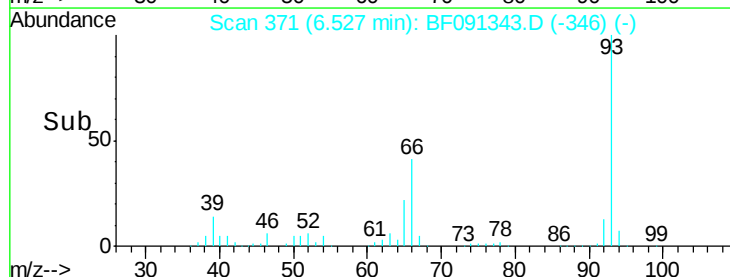
65 21.8 29.9 44.9#

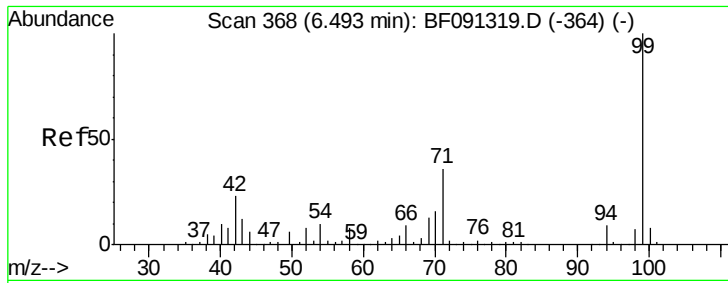


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 62.88 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

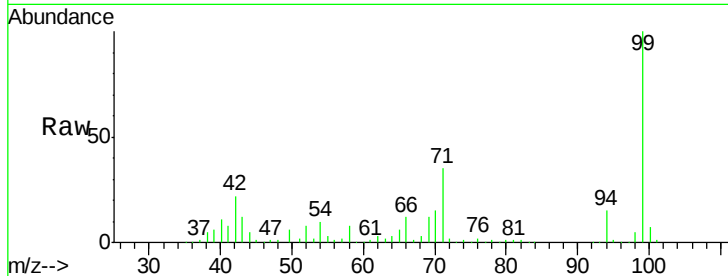
Tot Ion: 99 Resp: 845743

Ion Ratio Lower Upper

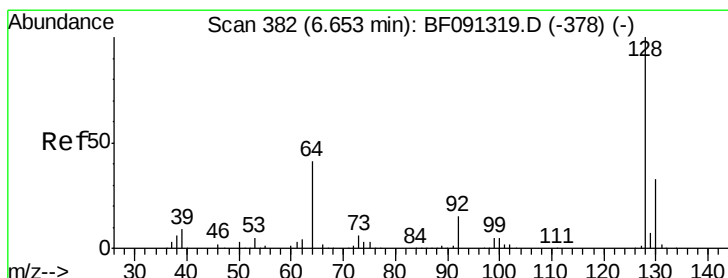
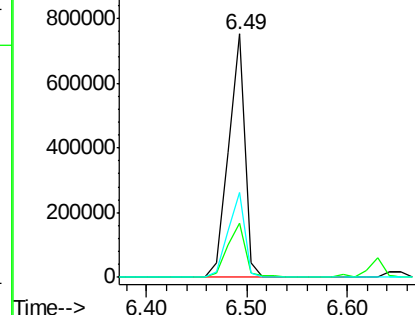
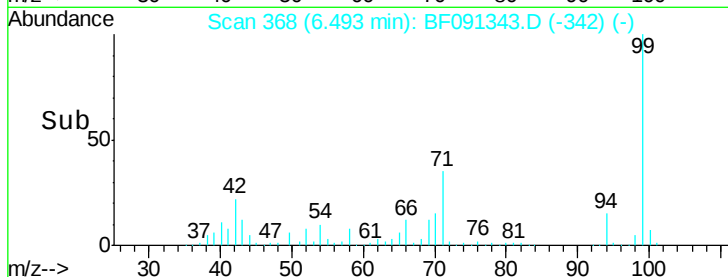
99 100

42 22.2 20.6 31.0

71 34.9 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: 36.20 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

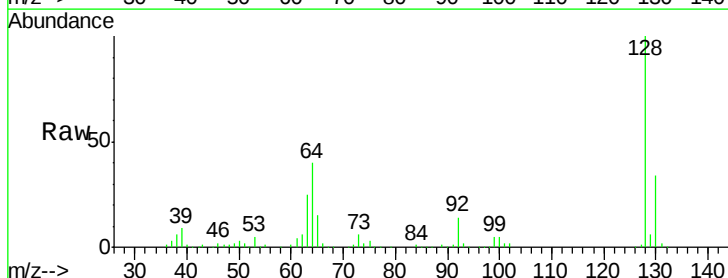
Tgt Ion: 128 Resp: 433611

Ion Ratio Lower Upper

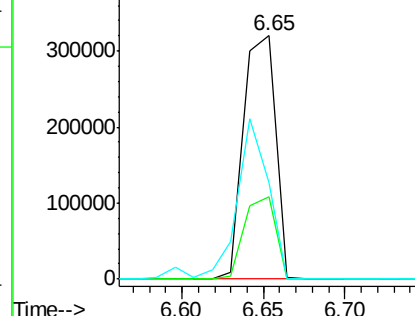
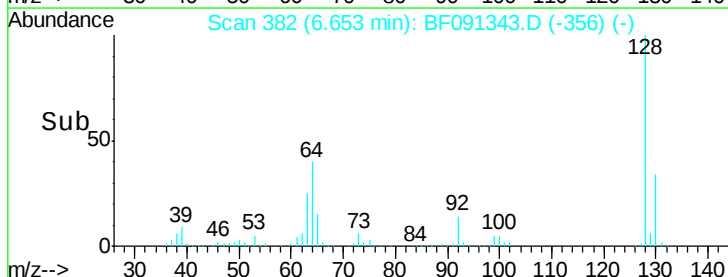
128 100

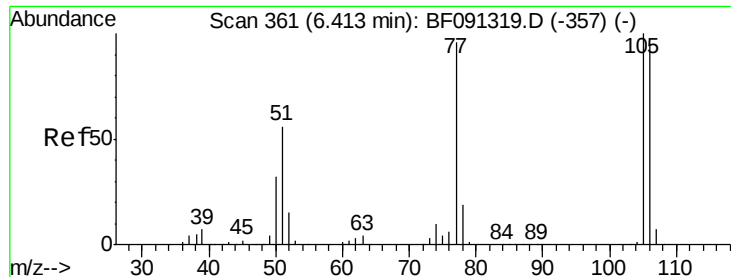
130 33.8 13.1 53.1

64 39.6 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: 14.93 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

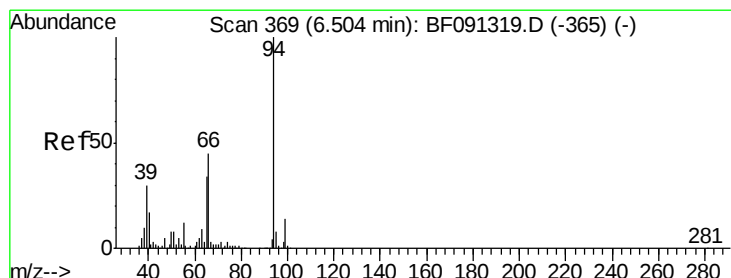
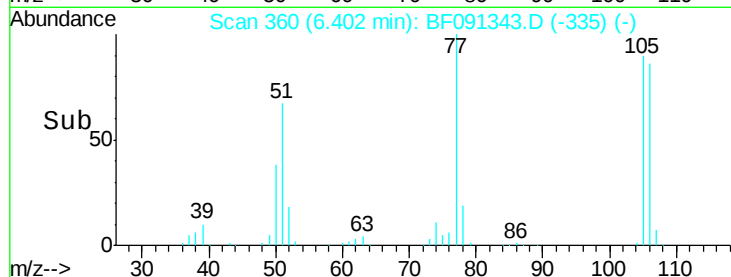
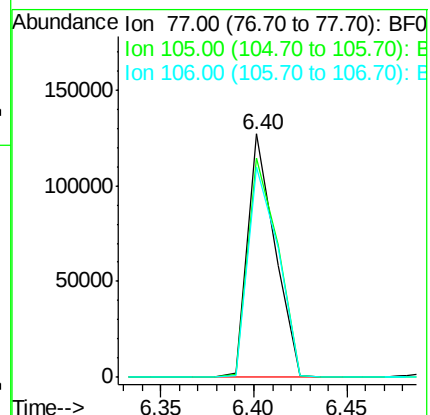
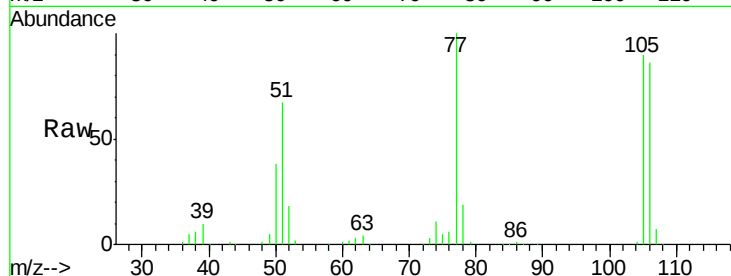
Tot Ion: 77 Resp: 129151

Ion Ratio Lower Upper

77 100

105 90.0 66.4 106.4

106 86.5 60.9 100.9



#10

Phenol

Concen: 36.01 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

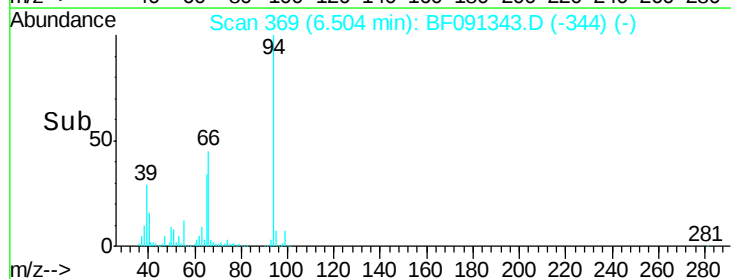
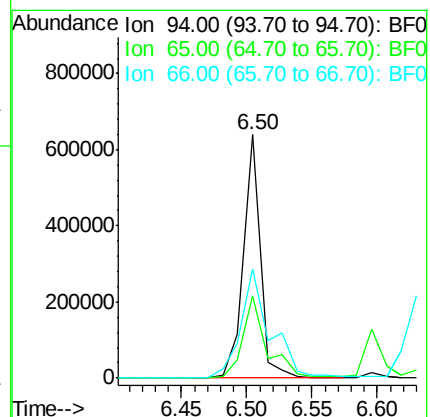
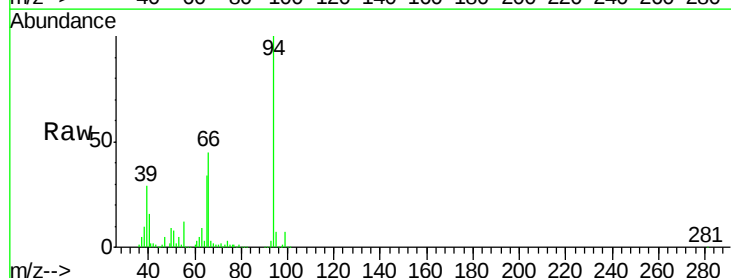
Tgt Ion: 94 Resp: 569866

Ion Ratio Lower Upper

94 100

65 33.8 16.9 56.9

66 44.6 30.6 70.6

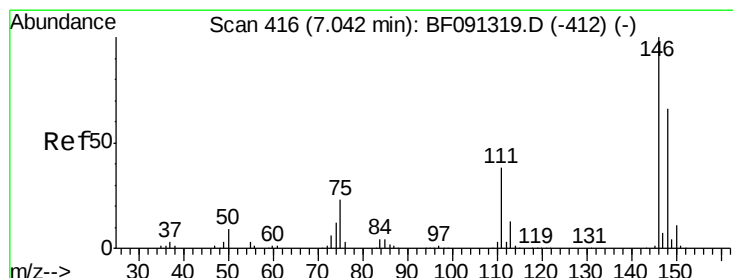
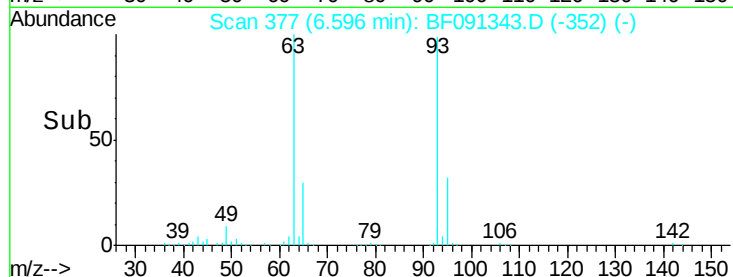
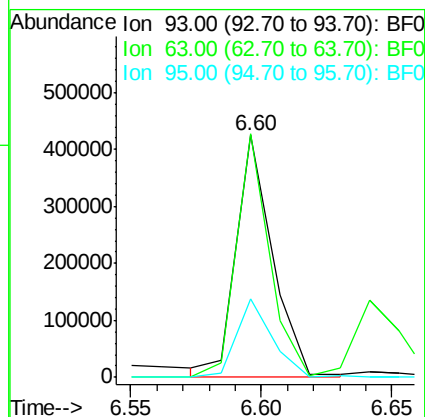
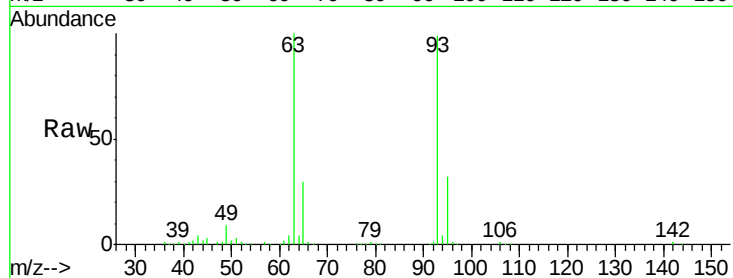




#11
 bis(2-Chloroethyl)ether
 Concen: 36.86 ng
 RT: 6.60 min Scan# 377
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

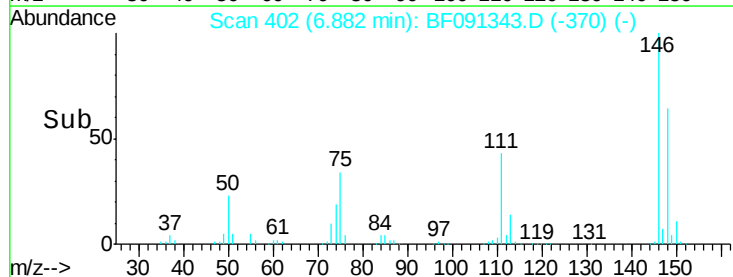
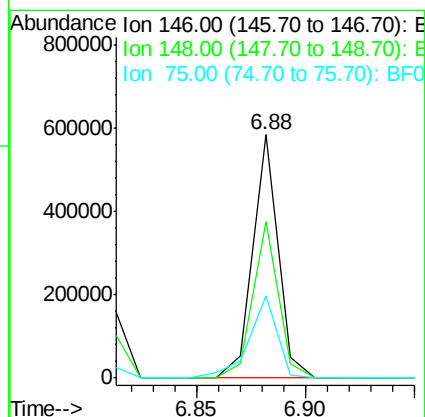
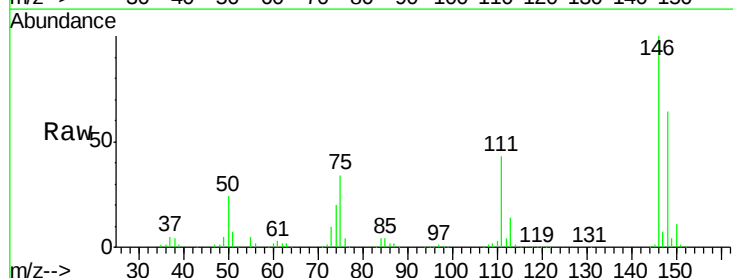
Instrument :
 BNA_F
 ClientSampleId :

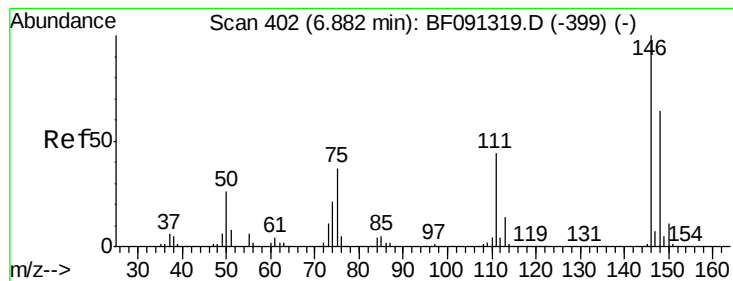
Tot Ion: 93 Resp: 416834
 Ion Ratio Lower Upper
 93 100
 63 100.6 74.8 114.8
 95 32.3 12.4 52.4



#12
 1,3-Dichlorobenzene
 Concen: 35.46 ng
 RT: 6.88 min Scan# 402
 Delta R.T. 0.06 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion: 146 Resp: 472567
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.4 77.0
 75 34.0 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 35.65 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

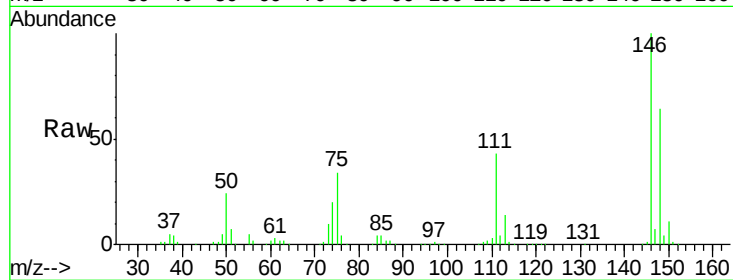
Tot Ion:146 Resp: 472567

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

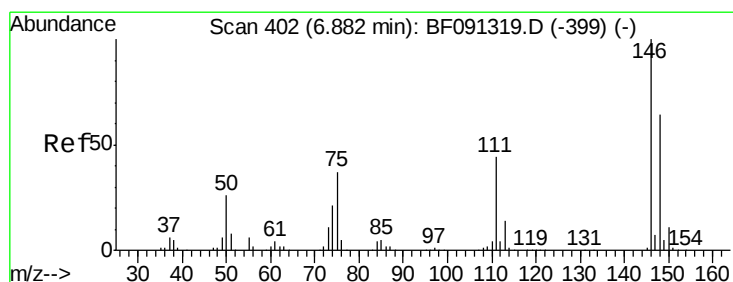
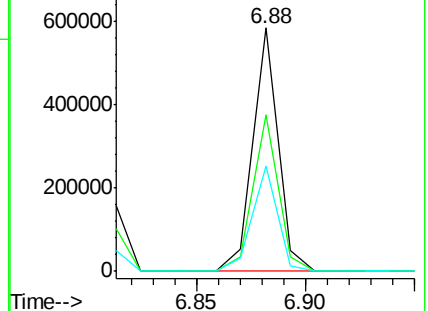
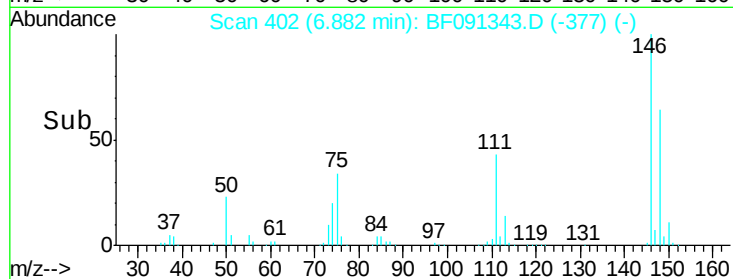
111 43.4 32.2 48.2



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: 38.27 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.17 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

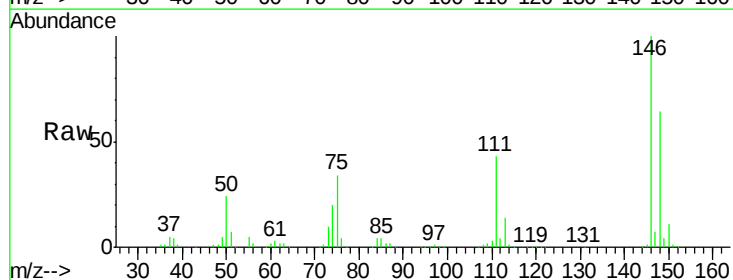
Tgt Ion:146 Resp: 472567

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

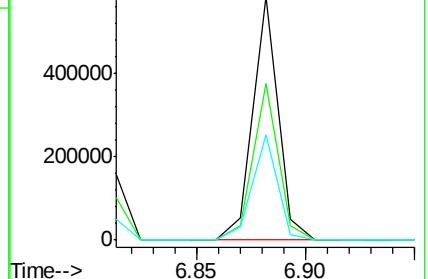
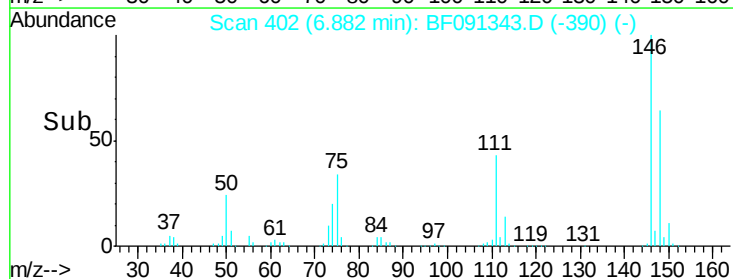
111 43.4 38.9 58.3



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: 37.13 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampled :

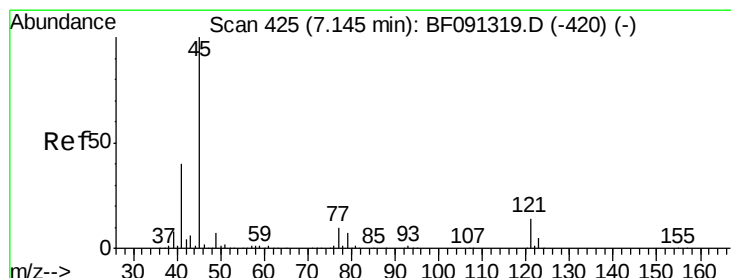
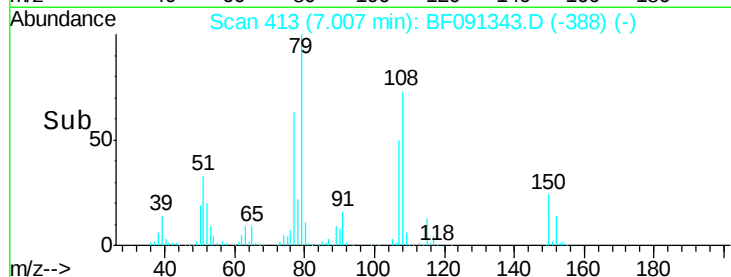
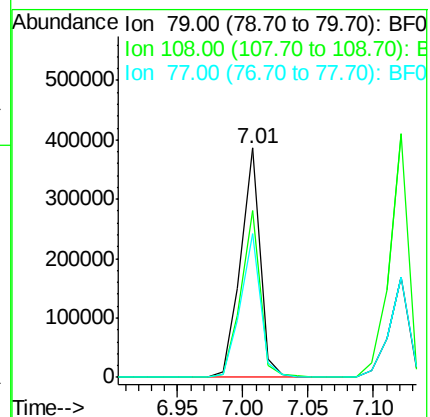
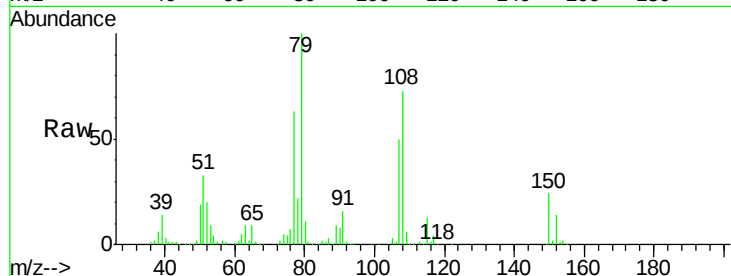
Tot Ion: 79 Resp: 399638

Ion Ratio Lower Upper

79 100

108 73.0 62.7 94.1

77 62.8 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.82 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

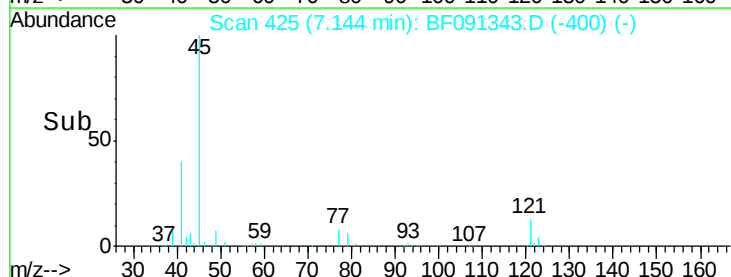
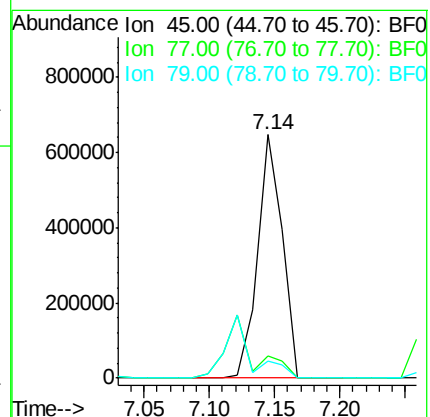
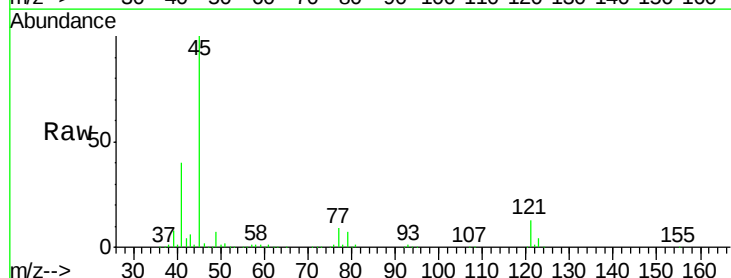
Tgt Ion: 45 Resp: 846774

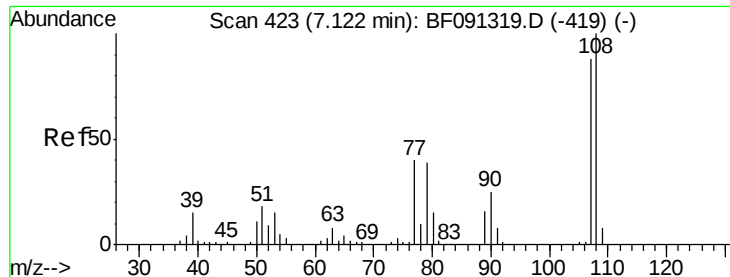
Ion Ratio Lower Upper

45 100

77 9.0 3.8 43.8

79 7.0 0.2 40.2

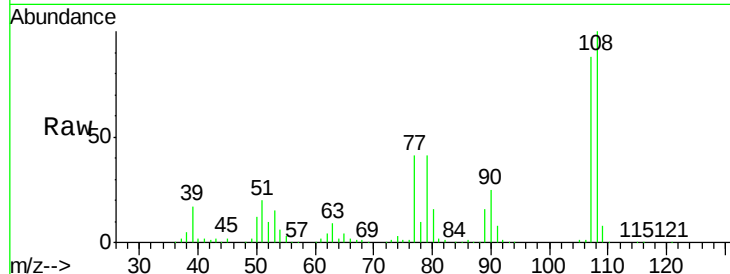




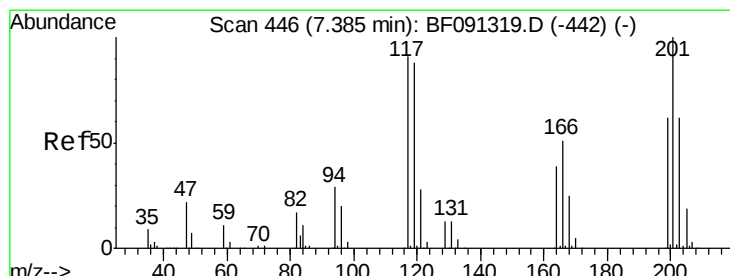
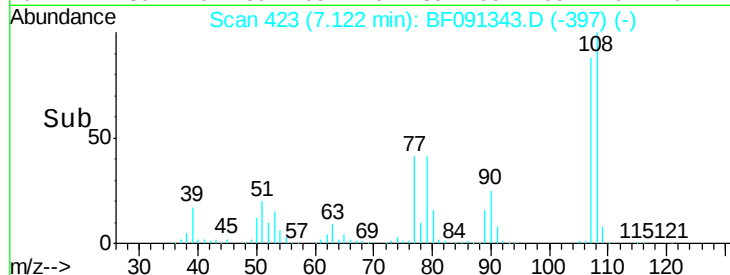
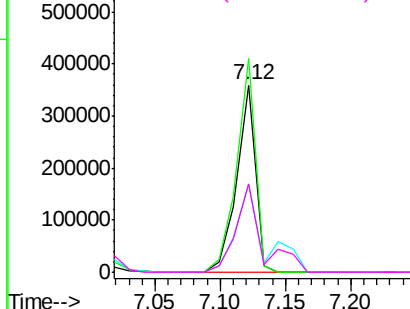
#17
2-Methylphenol
Concen: 37.63 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 356333
Ion Ratio Lower Upper
107 100
108 114.2 67.7 101.5#
77 46.9 40.7 61.1
79 47.0 23.4 35.2#

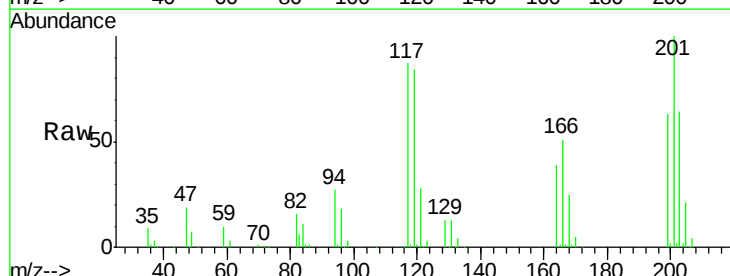


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

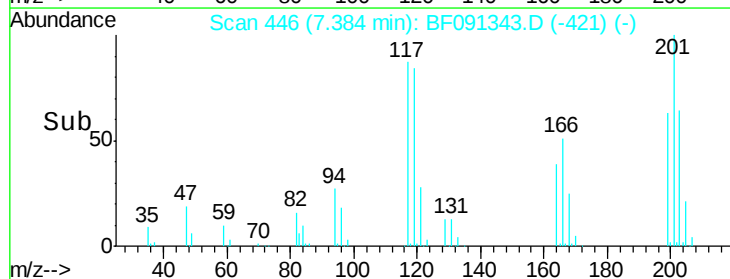
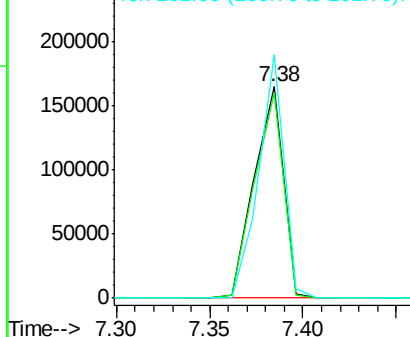


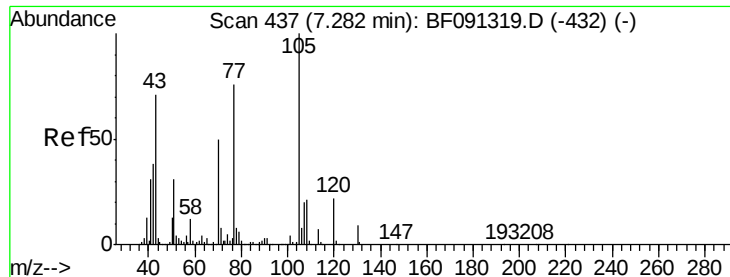
#18
Hexachloroethane
Concen: 37.57 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:117 Resp: 176828
Ion Ratio Lower Upper
117 100
119 97.0 78.6 118.0
201 115.1 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

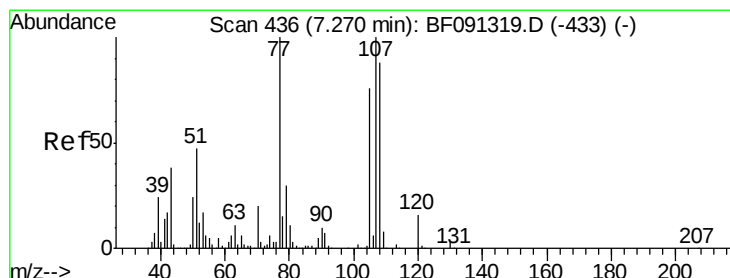
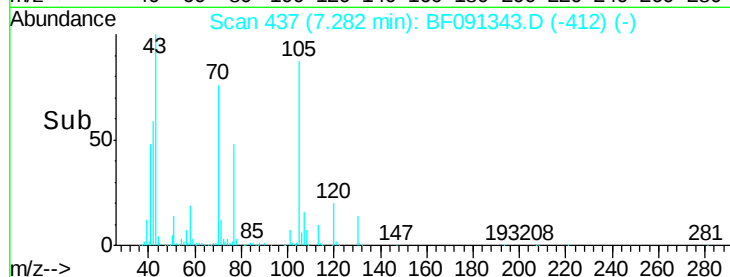
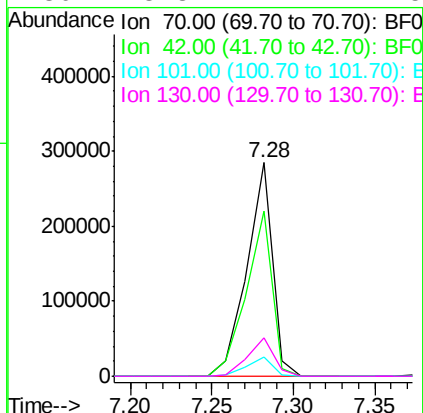
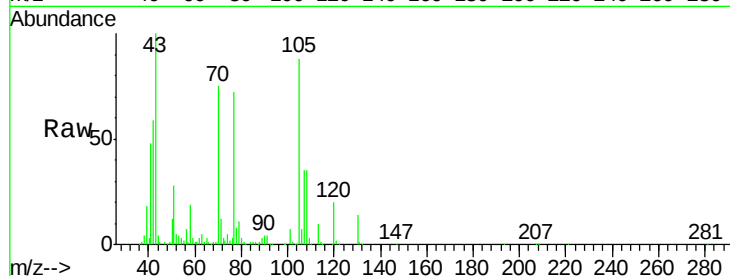




#19
n-Nitroso-di-n-propylamine
Concen: 36.67 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

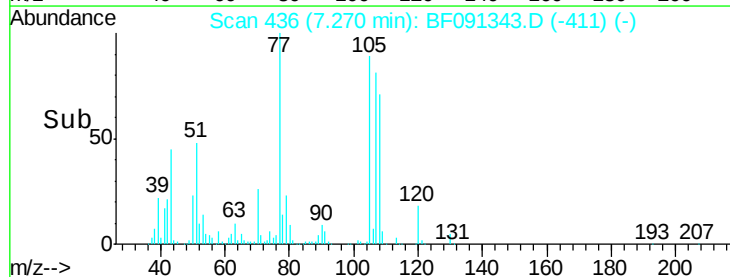
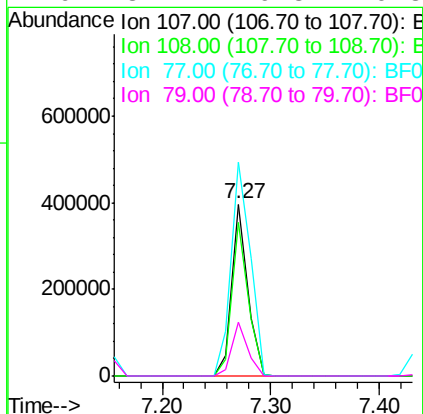
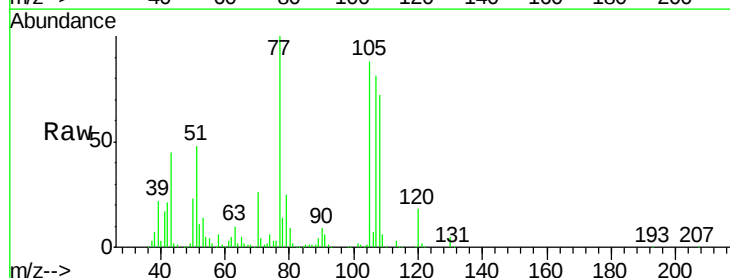
Instrument :
BNA_F
ClientSampleId :

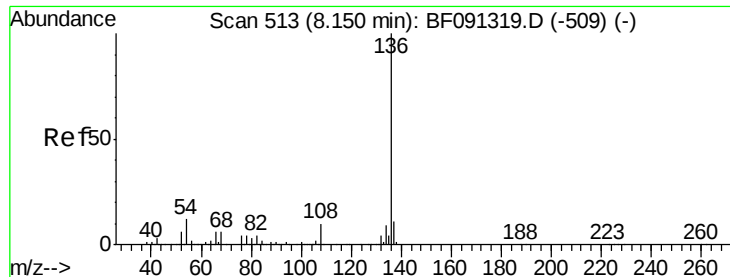
Tot Ion: 70 Resp: 310700
Ion Ratio Lower Upper
70 100
42 77.6 64.8 97.2
101 8.8 6.2 9.4
130 18.3 11.7 17.5#



#20
3+4-Methylphenols
Concen: 34.52 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:107 Resp: 399027
Ion Ratio Lower Upper
107 100
108 88.9 64.6 104.6
77 124.1 30.9 70.9#
79 31.1 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 717020

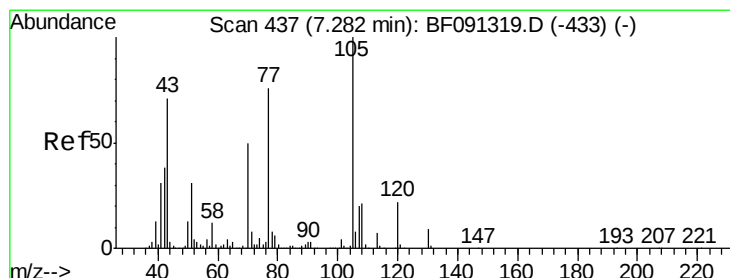
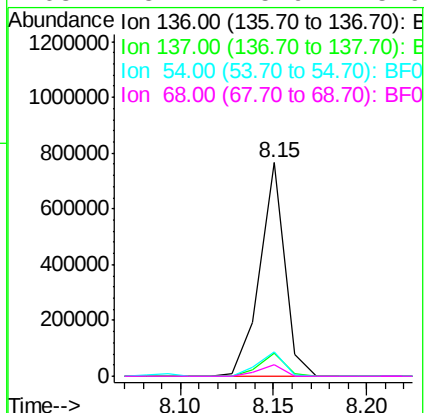
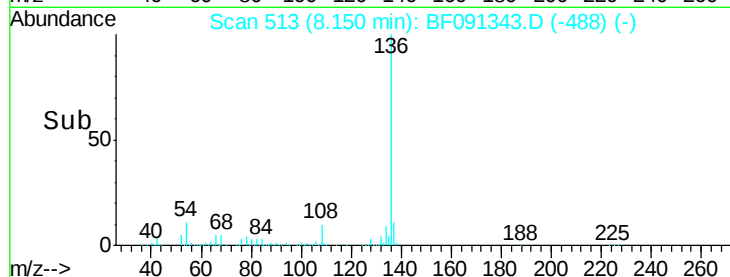
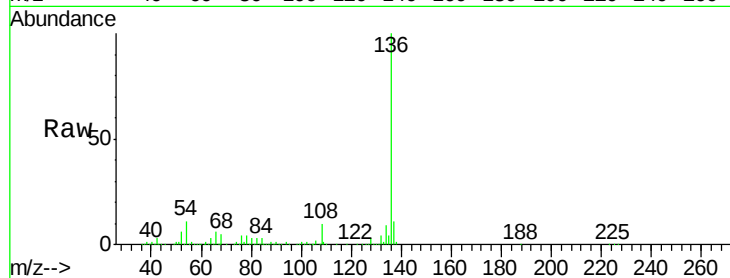
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 11.1 9.1 13.7

68 5.4 5.9 8.9#



#22

Acetophenone

Concen: 35.10 ng

RT: 7.27 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion:105 Resp: 596536

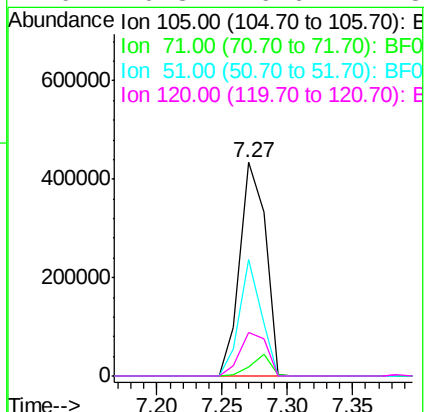
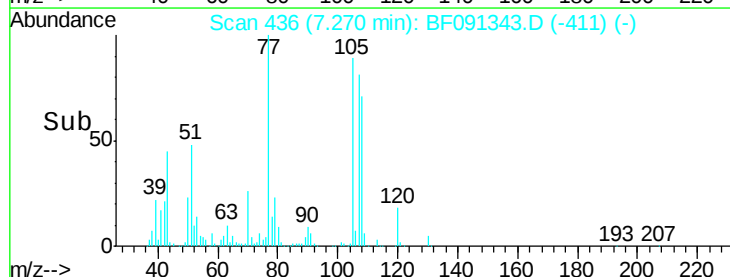
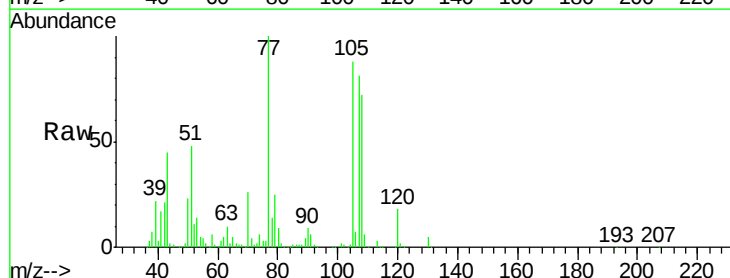
Ion Ratio Lower Upper

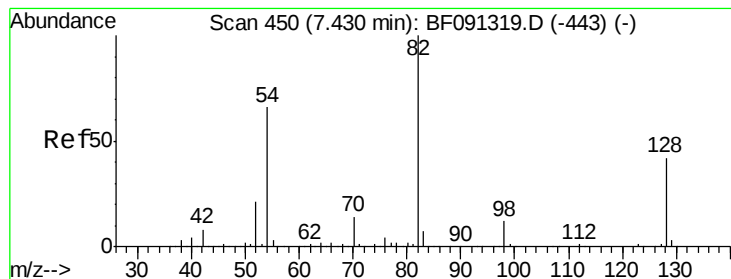
105 100

71 4.4 7.9 11.9#

51 54.7 24.5 36.7#

120 20.3 16.6 24.8





#23

Nitrobenzene-d5

Concen: 74.19 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampled :

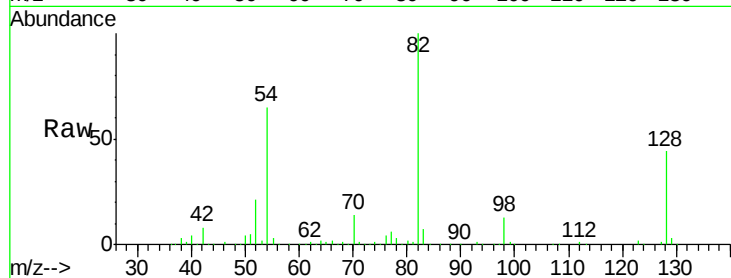
Tot Ion: 82 Resp: 949217

Ion Ratio Lower Upper

82 100

128 43.7 31.8 47.6

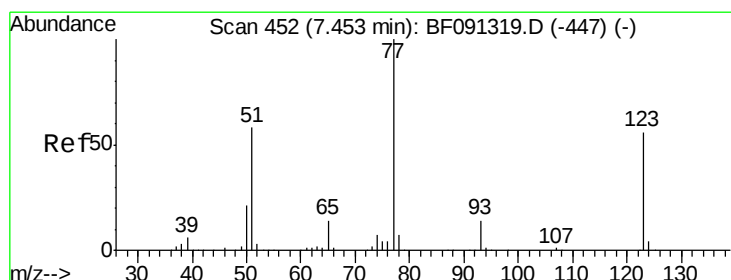
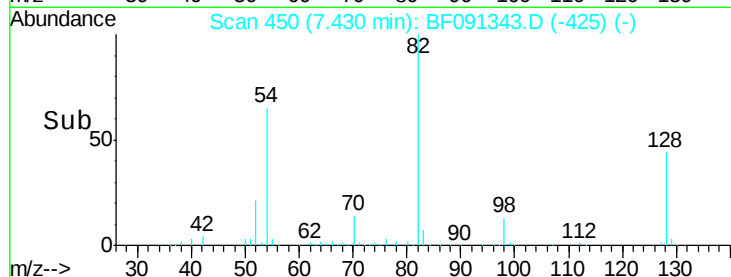
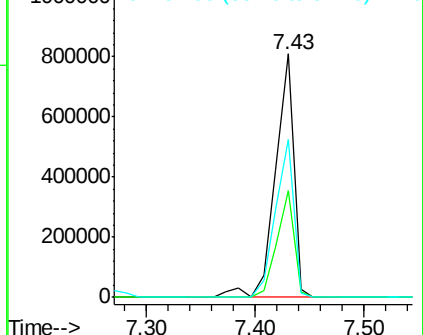
54 65.0 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 33.30 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

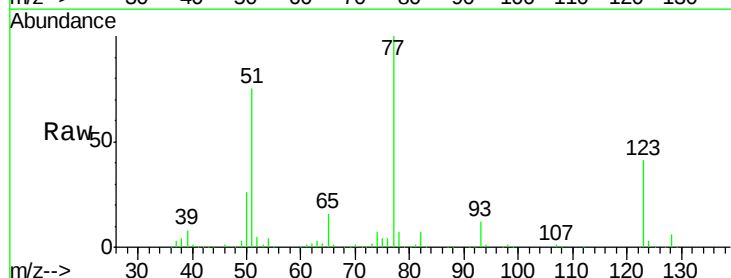
Tgt Ion: 77 Resp: 436217

Ion Ratio Lower Upper

77 100

123 40.5 28.5 42.7

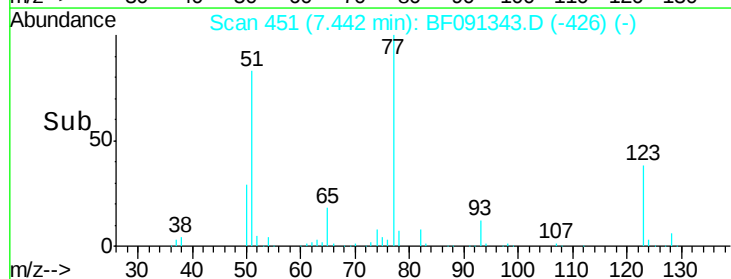
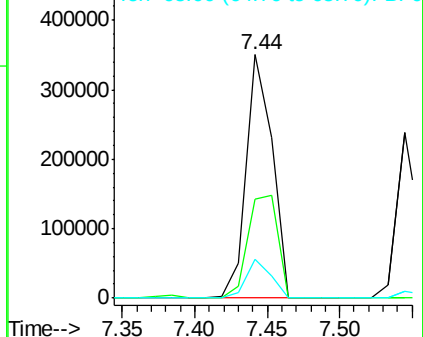
65 15.7 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.10 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

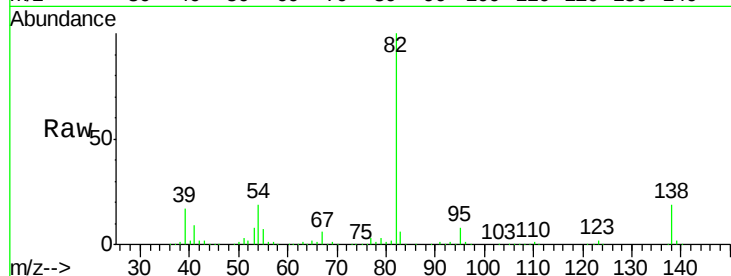
Tot Ion: 82 Resp: 863529

Ion Ratio Lower Upper

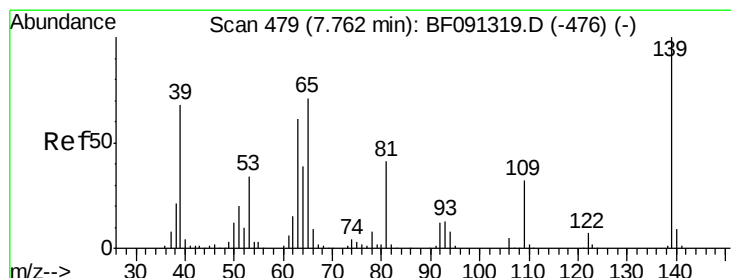
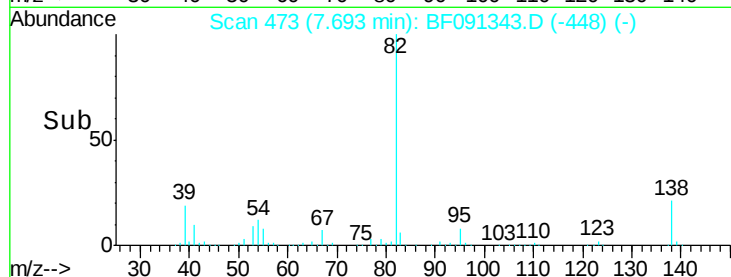
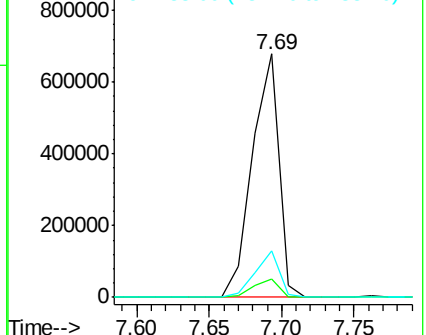
82 100

95 7.5 5.7 8.5

138 18.9 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: 33.81 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

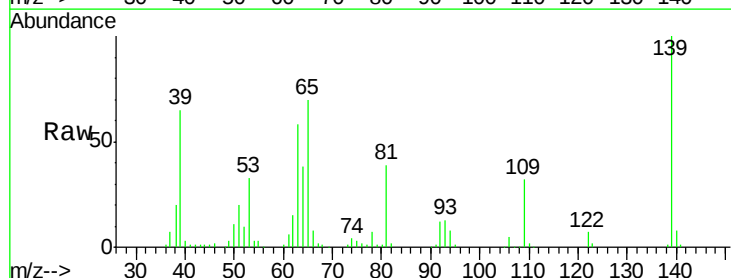
Tgt Ion: 139 Resp: 201827

Ion Ratio Lower Upper

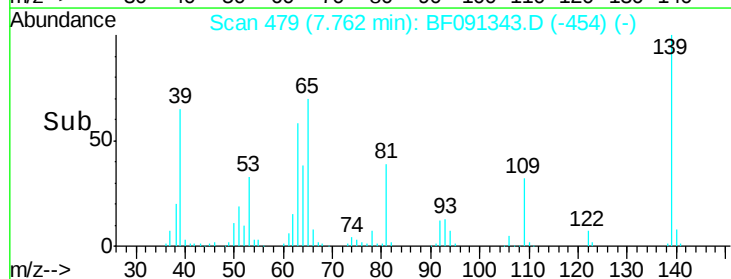
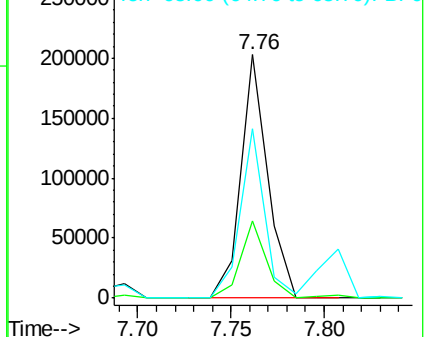
139 100

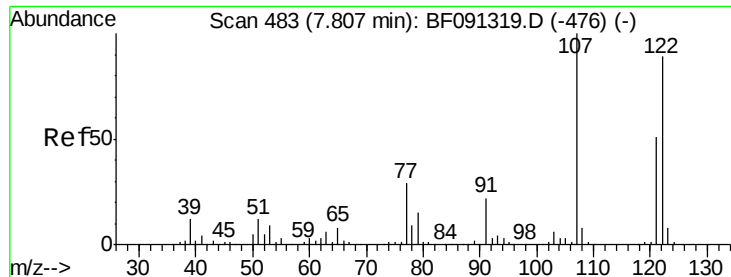
109 31.5 25.3 37.9

65 69.6 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

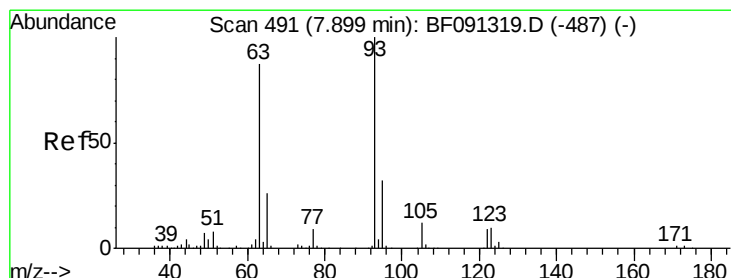
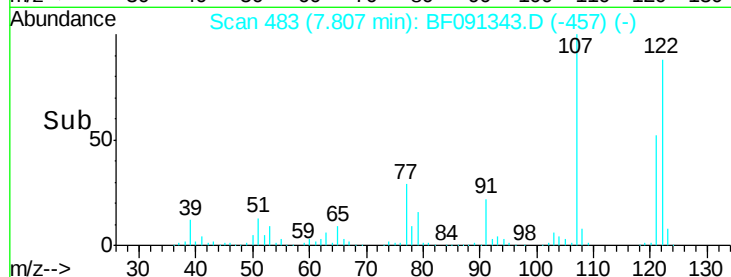
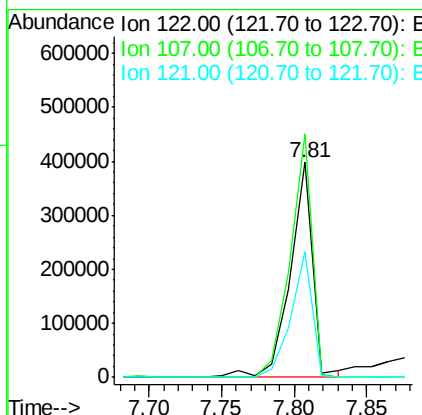
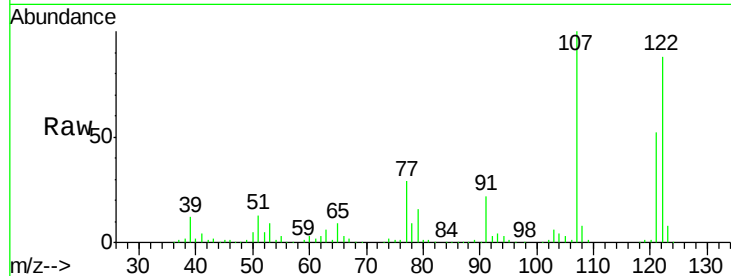




#27
 2,4-Dimethylphenol
 Concen: 38.25 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

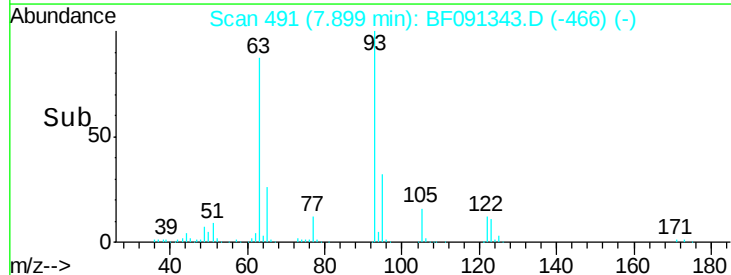
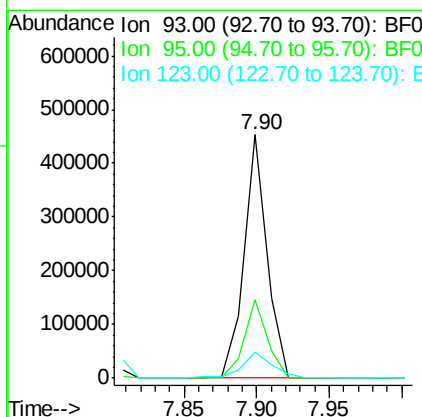
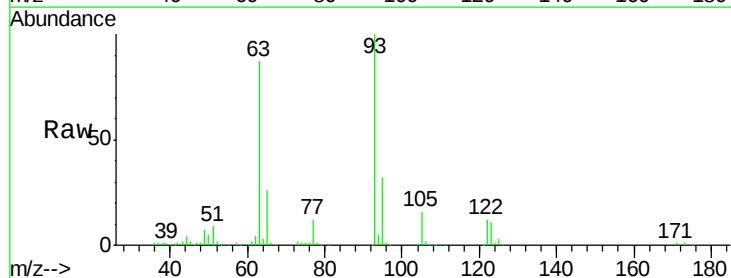
Instrument :
 BNA_F
 ClientSampled :

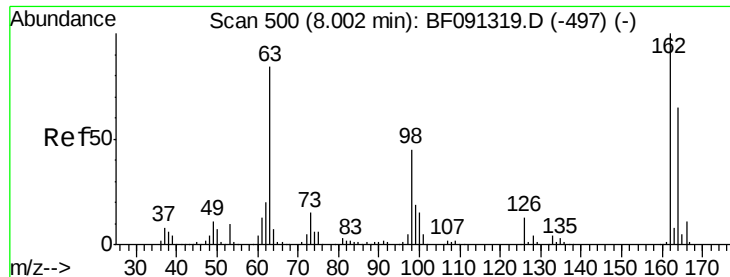
Tot Ion:122 Resp: 427128
 Ion Ratio Lower Upper
 122 100
 107 113.0 96.8 145.2
 121 58.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.40 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion: 93 Resp: 496604
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.0 39.0
 123 10.9 8.6 12.8

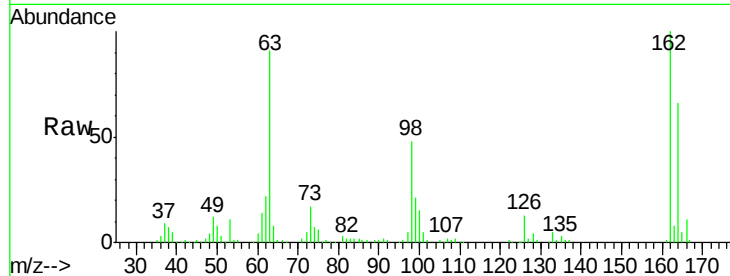




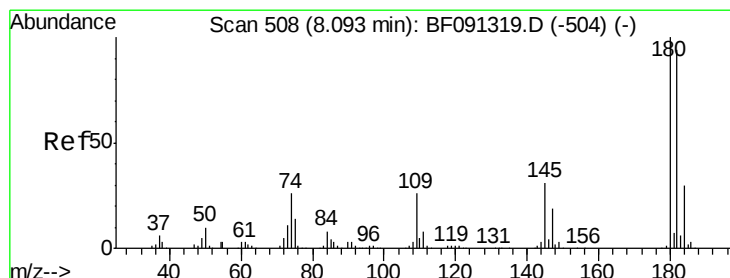
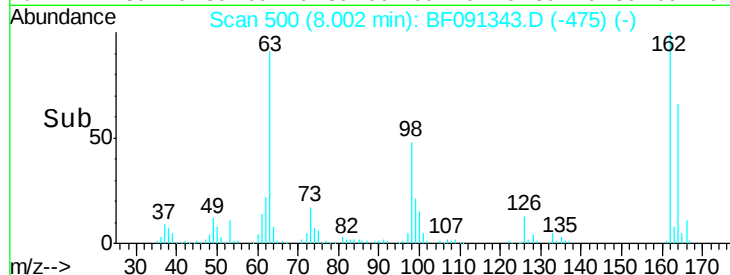
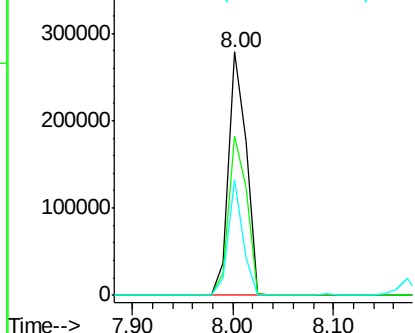
#29
 2,4-Dichlorophenol
 Concen: 34.70 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.0	85.0
98	47.6	21.3	61.3

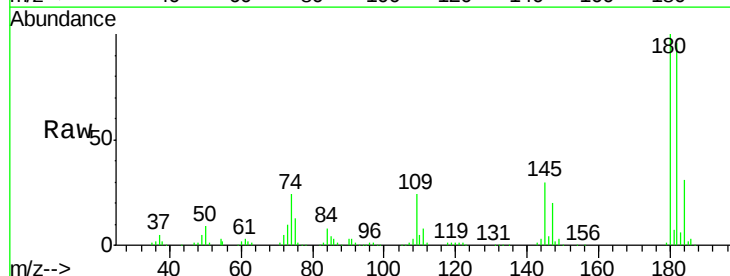


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

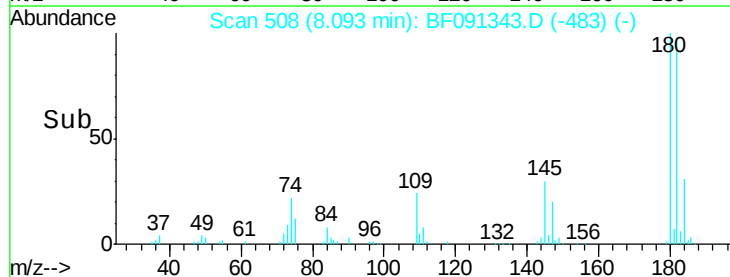
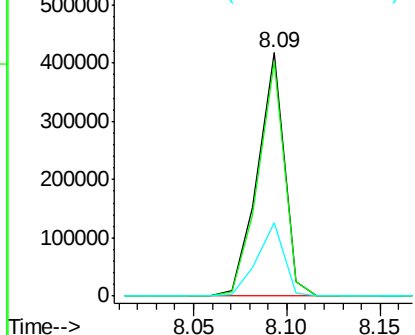


#30
 1,2,4-Trichlorobenzene
 Concen: 37.54 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.8
145	30.2	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: 36.92 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

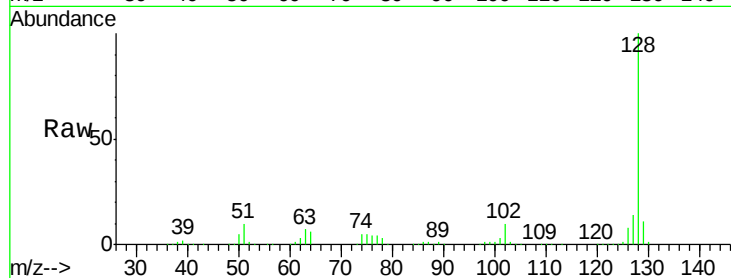
Tot Ion:128 Resp: 1258223

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

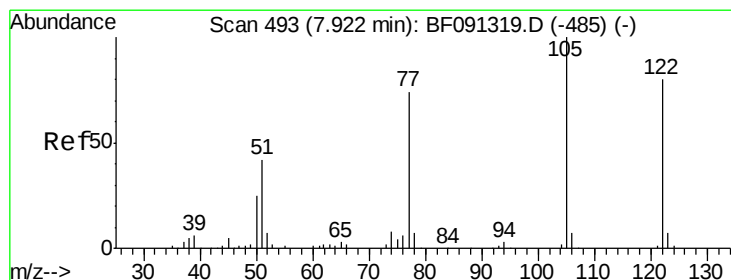
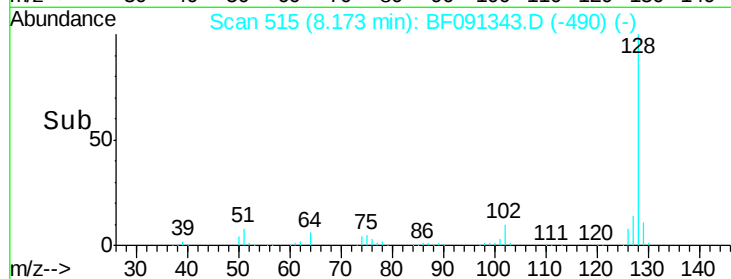
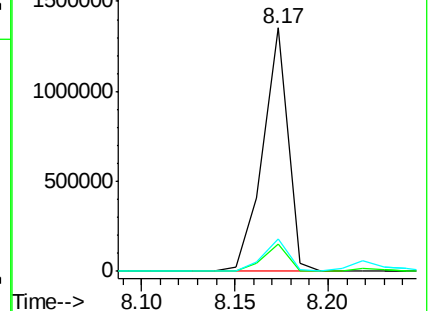
127 13.6 11.0 16.4



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: 32.55 ng

RT: 7.92 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

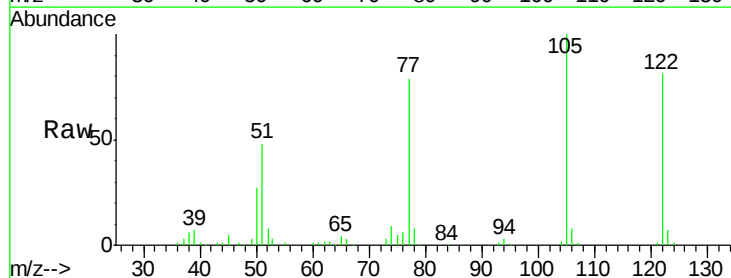
Tgt Ion:122 Resp: 267957

Ion Ratio Lower Upper

122 100

105 123.0 113.0 153.0

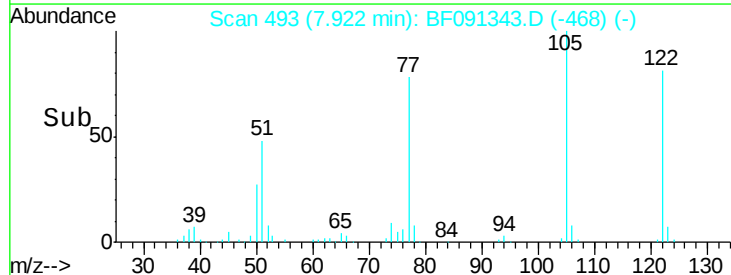
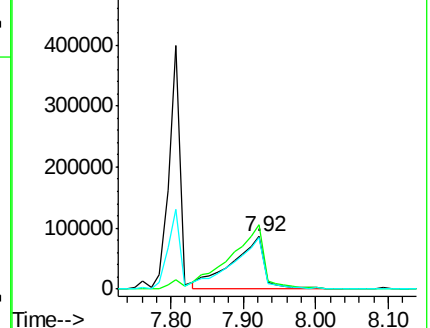
77 97.6 82.0 122.0



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

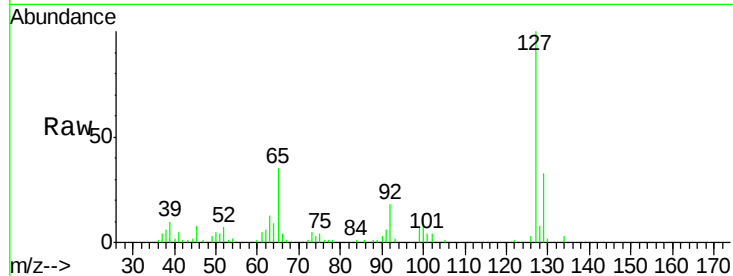




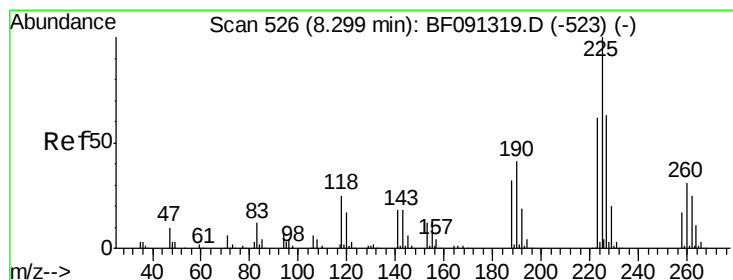
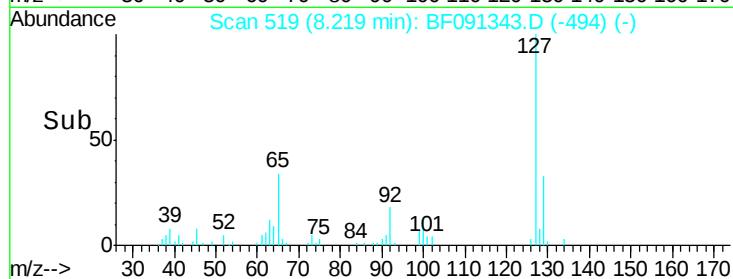
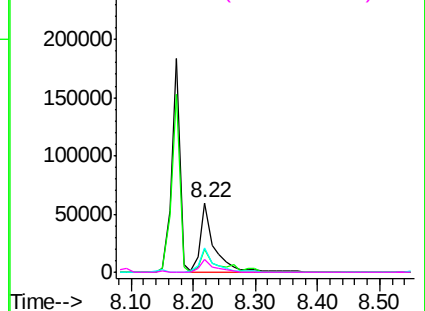
#33
4-Chloroaniline
Concen: 6.56 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	95553
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	34.9	26.6	39.8
92	18.1	15.4	23.0

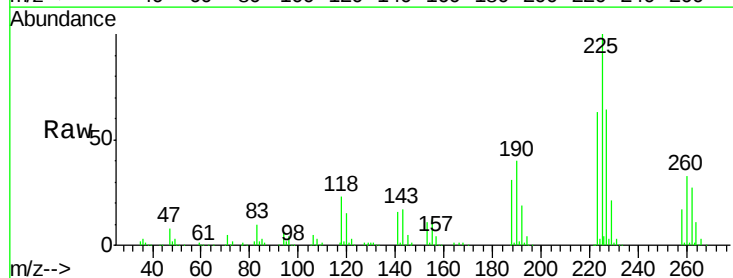


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

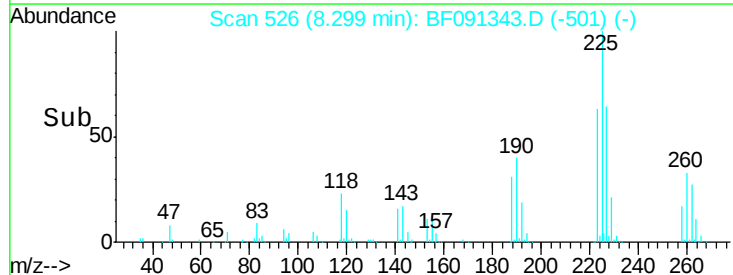
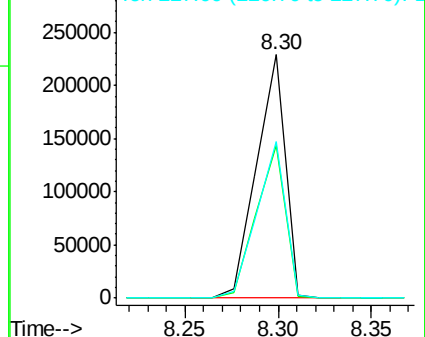


#34
Hexachlorobutadiene
Concen: 36.15 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:	225	Resp:	244853
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.6
227	64.3	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

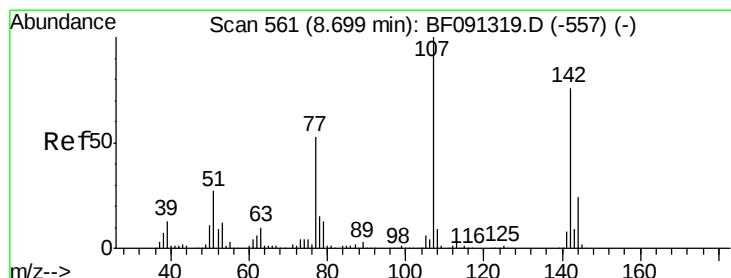
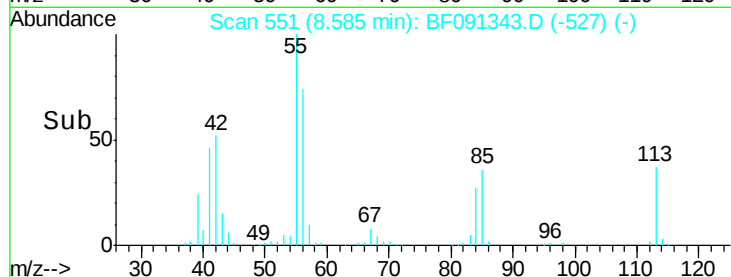
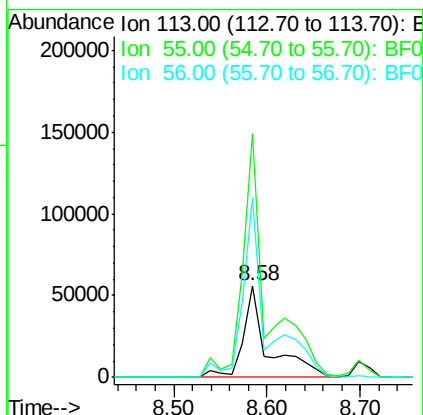
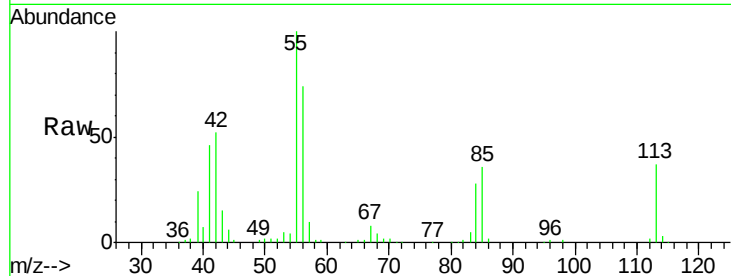




#35
 Caprolactam
 Concen: 36.62 ng
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

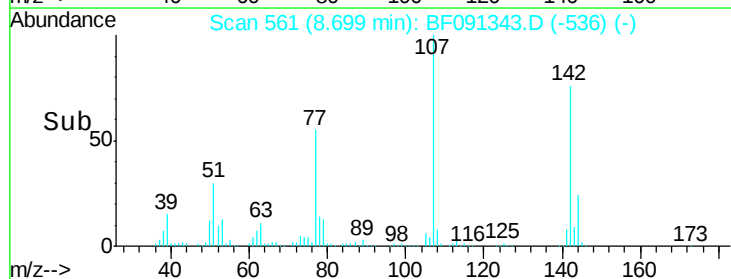
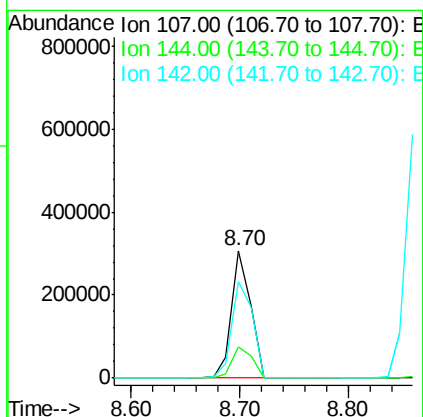
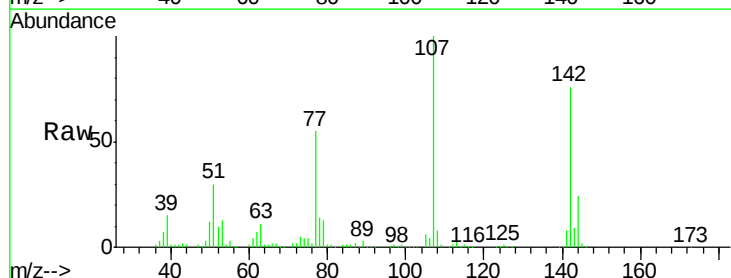
Instrument :
 BNA_F
 ClientSampleId :

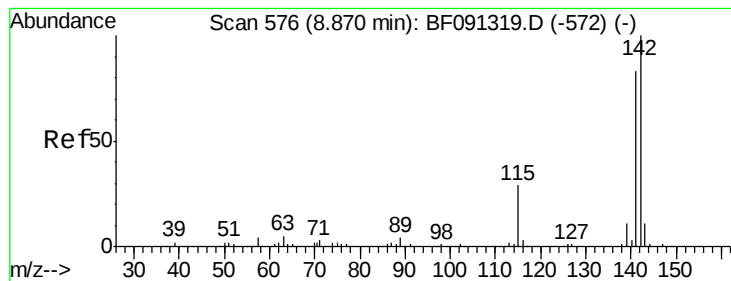
Tot Ion:113 Resp: 103392
 Ion Ratio Lower Upper
 113 100
 55 266.8 239.8 279.8
 56 196.8 165.6 205.6



#36
 4-Chloro-3-methylphenol
 Concen: 35.08 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:107 Resp: 372091
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.9 28.3
 142 75.5 58.5 87.7

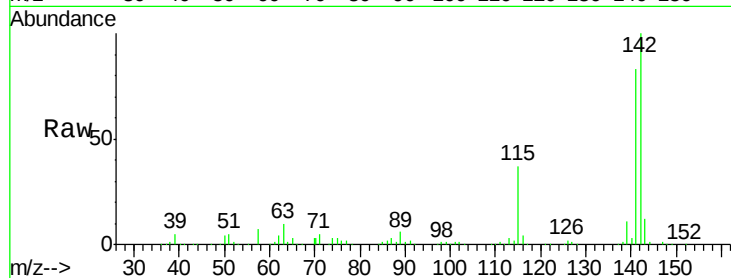




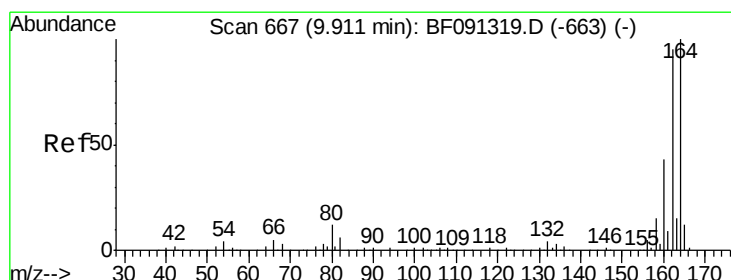
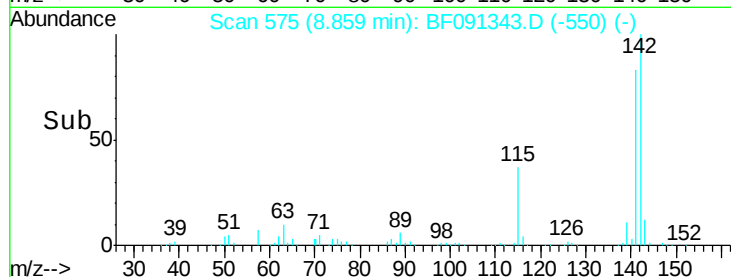
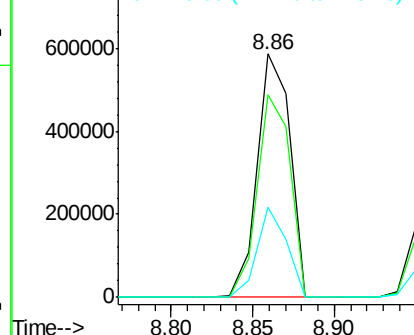
#37
 2-Methylnaphthalene
 Concen: 35.30 ng
 RT: 8.86 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 817304
 Ion Ratio Lower Upper
 142 100
 141 83.1 71.7 107.5
 115 36.8 25.0 37.6

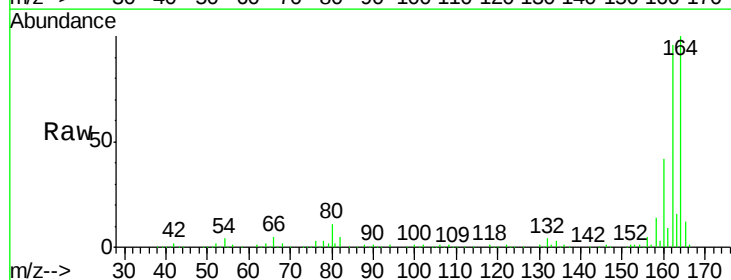


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

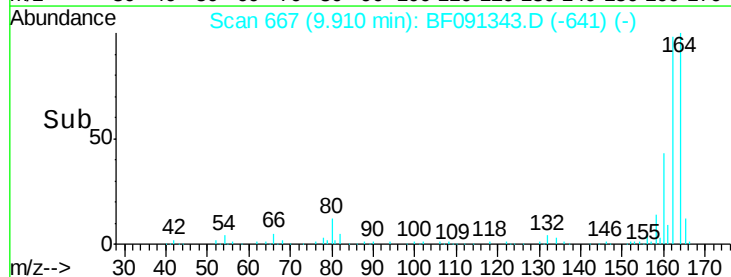
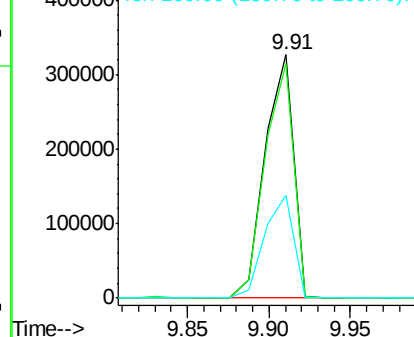


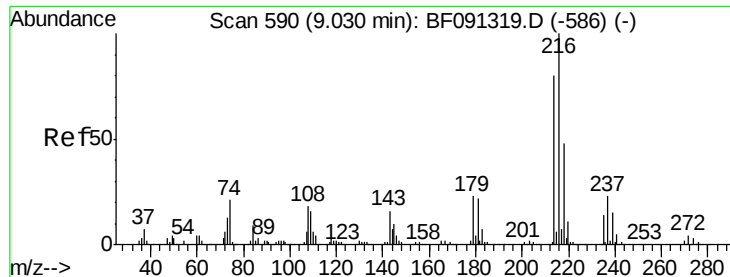
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:164 Resp: 399753
 Ion Ratio Lower Upper
 164 100
 162 96.3 82.6 124.0
 160 42.1 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

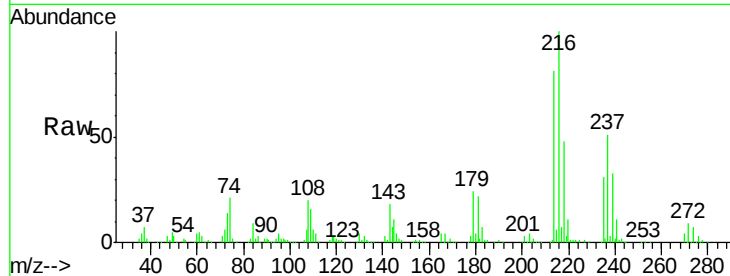




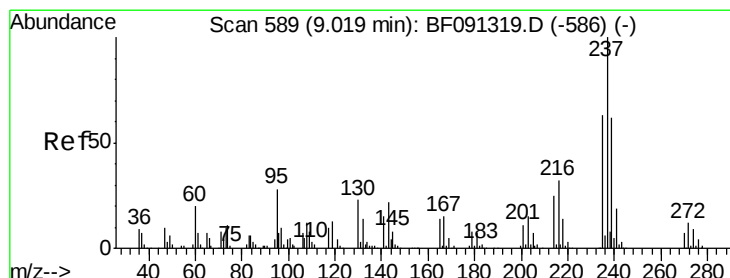
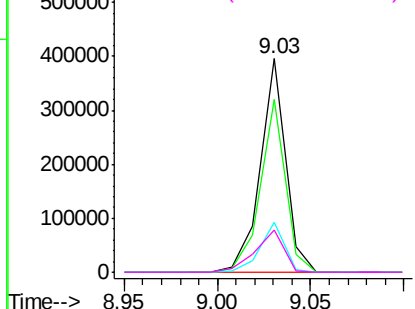
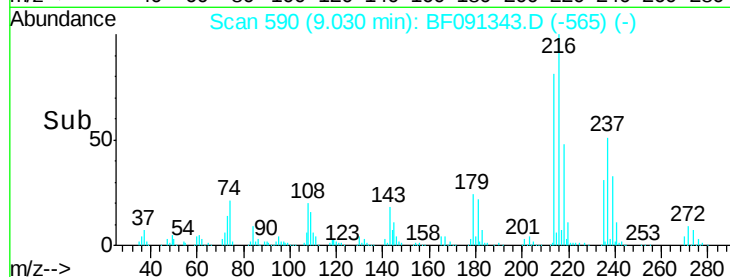
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.77 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	369335
Ion Ratio	Lower	Upper
216	100	
214	80.1	63.8 95.8
179	22.9	18.2 27.2
108	22.2	17.2 25.8

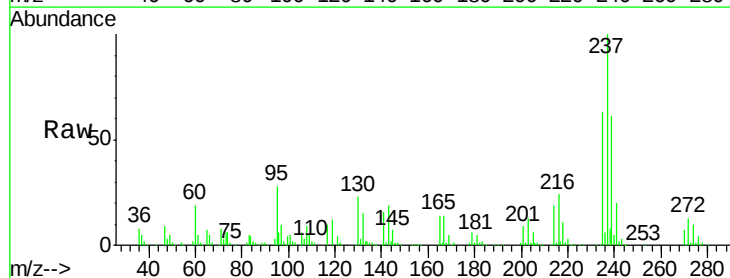


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

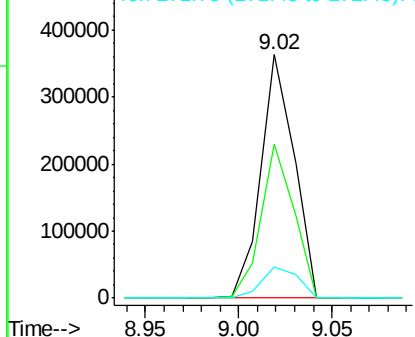
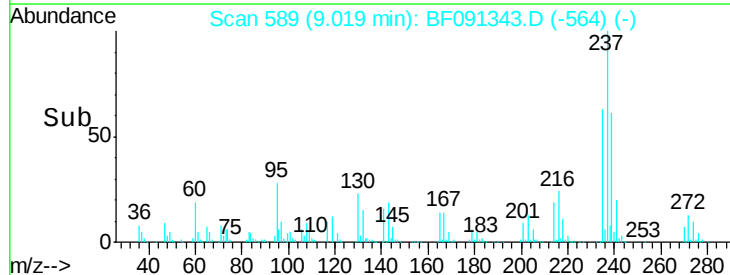


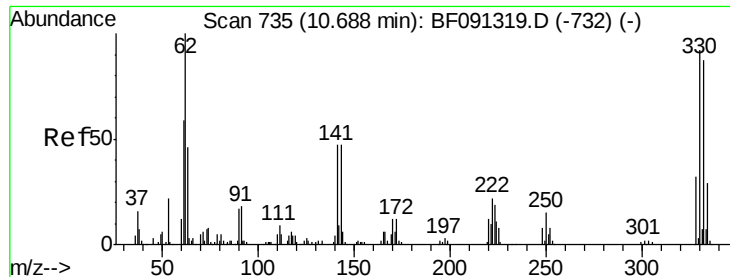
#40
 Hexachlorocyclopentadiene
 Concen: 85.35 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:237	Resp:	445834
Ion Ratio	Lower	Upper
237	100	
235	63.3	43.9 83.9
272	13.0	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

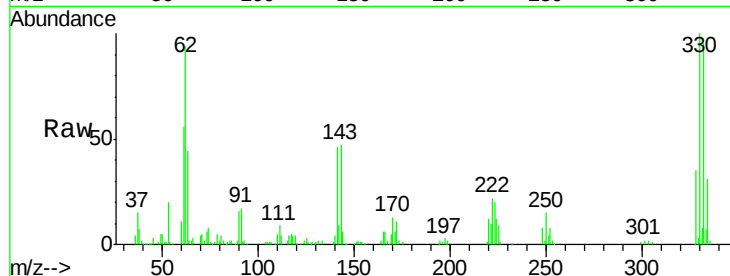




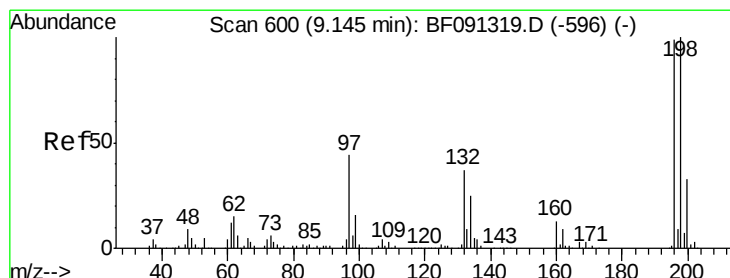
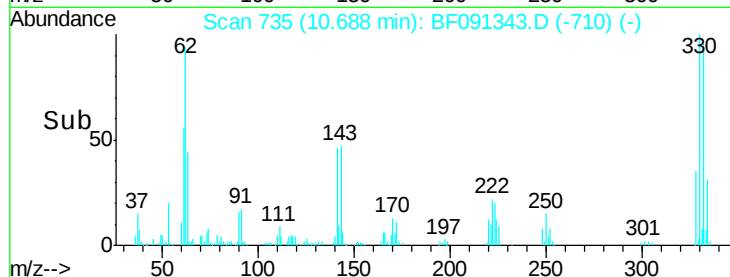
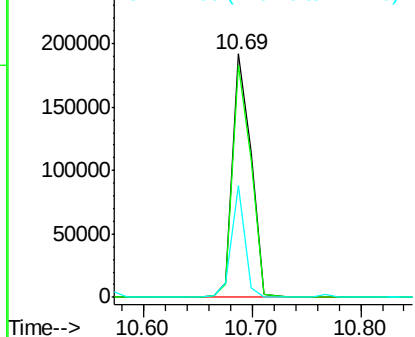
#41
 2,4,6-Tribromophenol
 Concen: 58.61 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 221794
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 33.6 33.6 50.4#

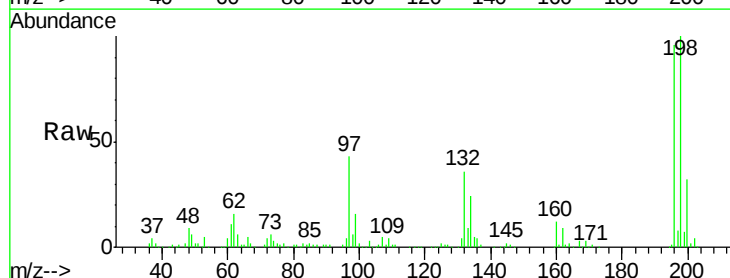


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

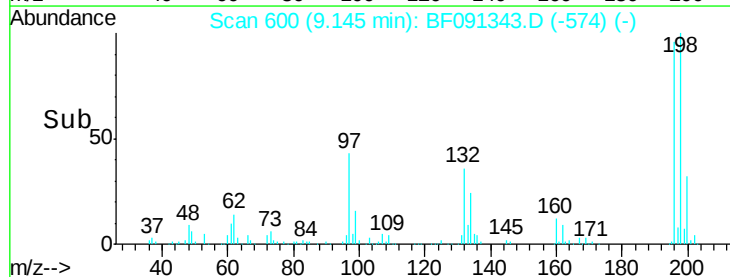
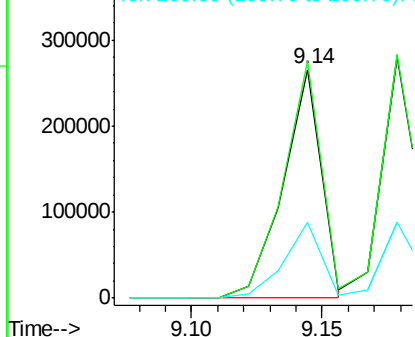


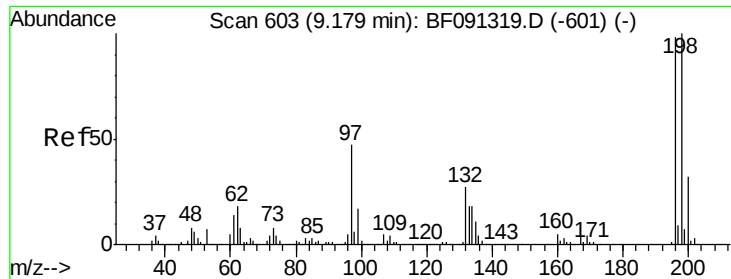
#42
 2,4,6-Trichlorophenol
 Concen: 36.86 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:196 Resp: 269986
 Ion Ratio Lower Upper
 196 100
 198 103.8 77.4 116.0
 200 33.3 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

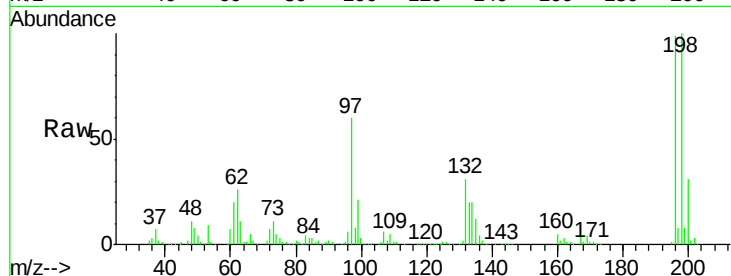




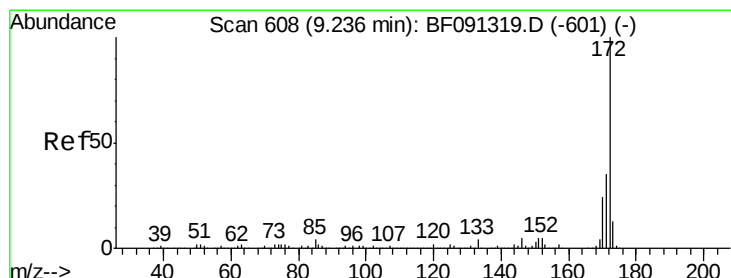
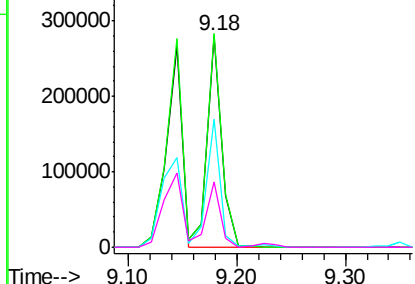
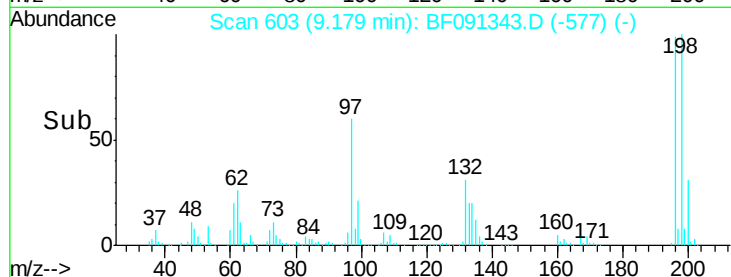
#43
 2,4,5-Trichlorophenol
 Concen: 35.91 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 263598
 Ion Ratio Lower Upper
 196 100
 198 101.0 77.0 115.6
 97 60.5 33.5 50.3#
 132 31.2 20.5 30.7#

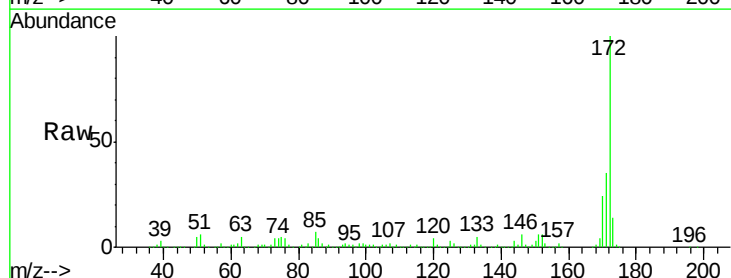


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

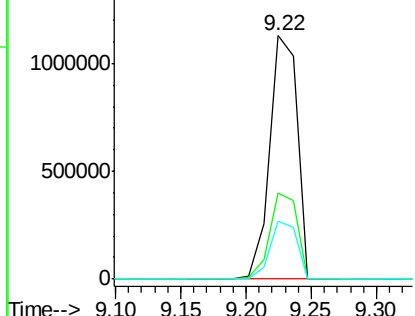
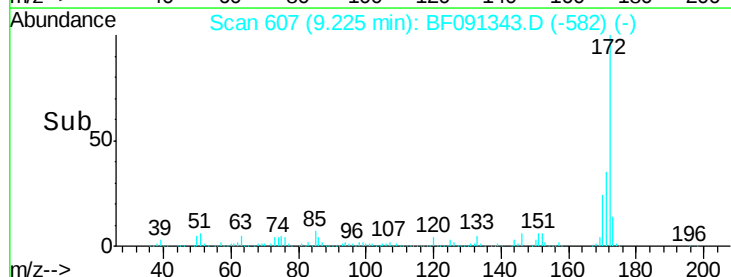


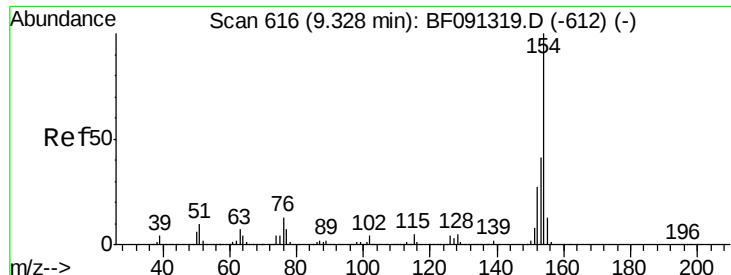
#44
 2-Fluorobiphenyl
 Concen: 75.75 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:172 Resp: 1672400
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.7 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

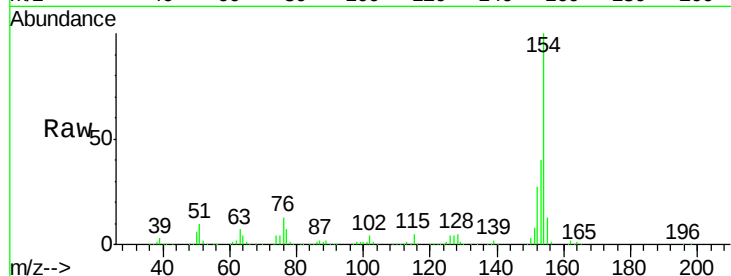




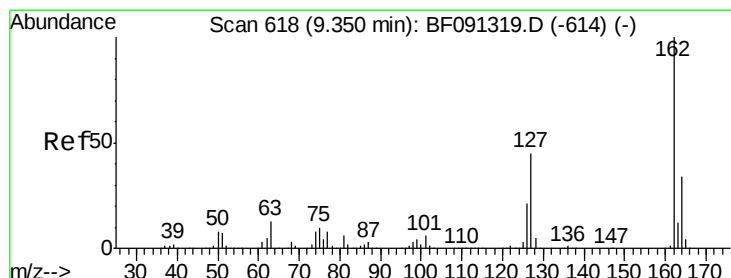
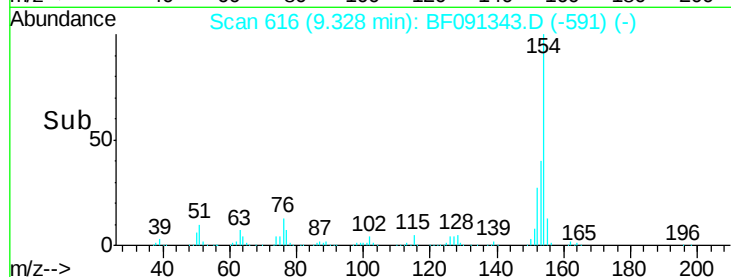
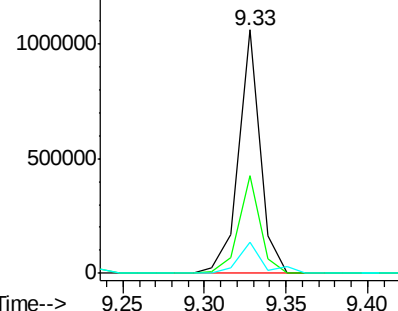
#45
 1,1'-Biphenyl
 Concen: 33.81 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	12.8	0.0	36.6

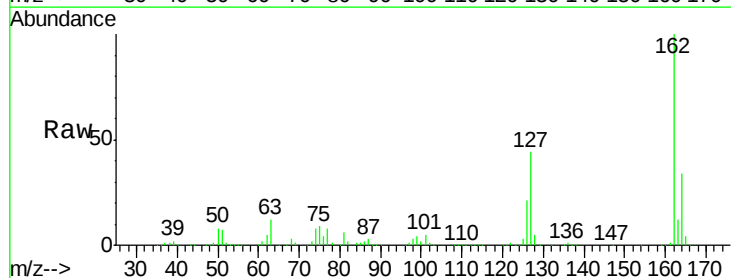


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

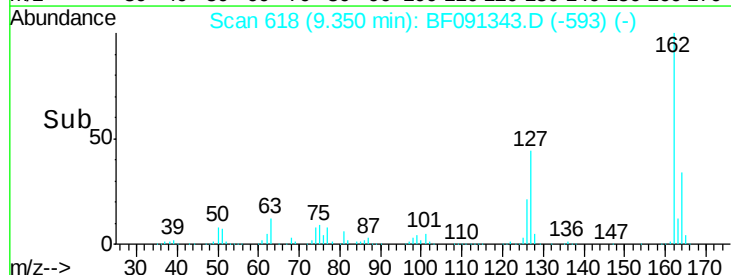
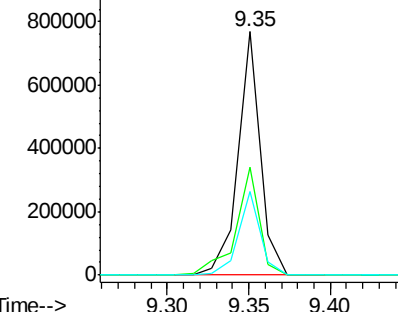


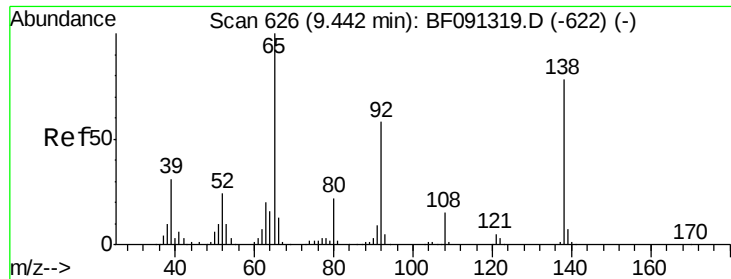
#46
 2-Chloronaphthalene
 Concen: 33.97 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.1	34.3	51.5
164	34.5	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

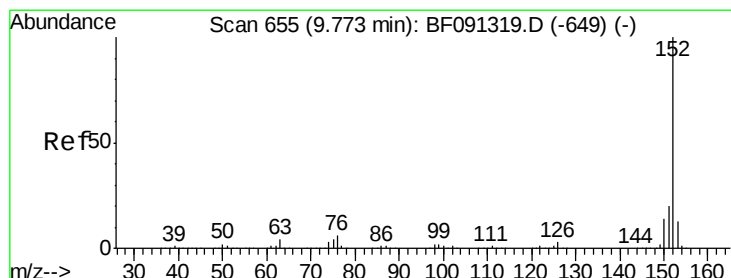
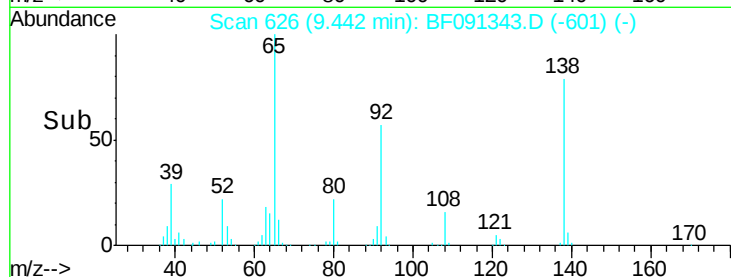
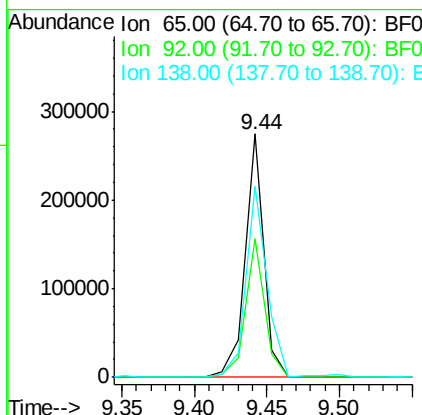
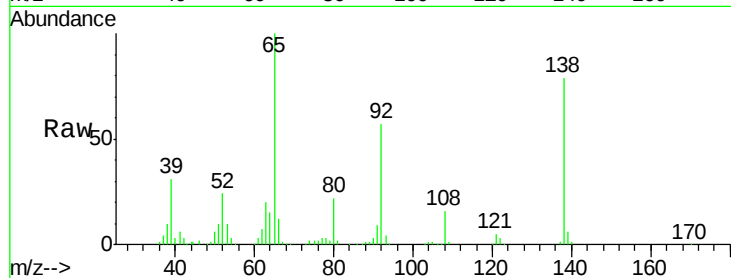




#47
2-Nitroaniline
Concen: 31.65 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

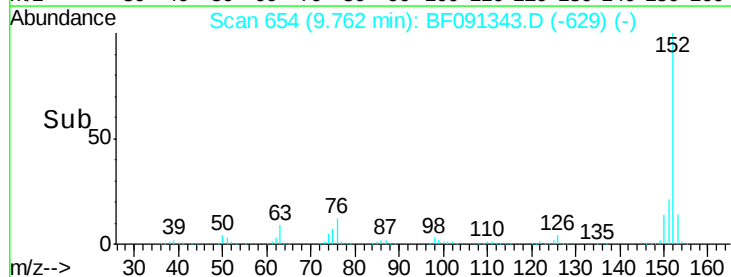
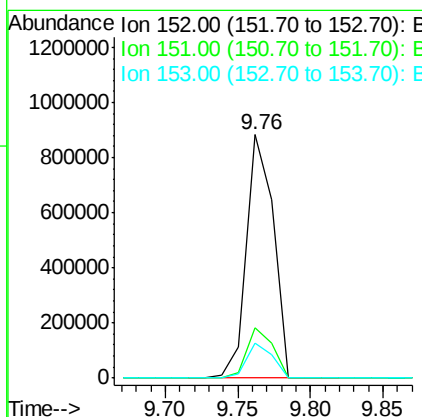
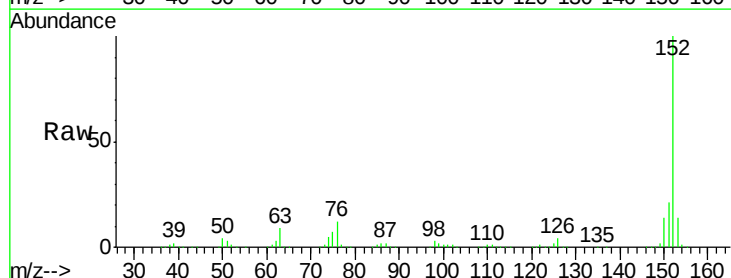
Instrument :
BNA_F
ClientSampleId :

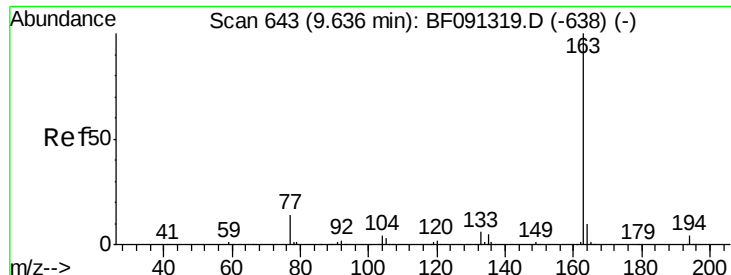
Tot Ion: 65 Resp: 243367
Ion Ratio Lower Upper
65 100
92 56.8 53.6 80.4
138 78.7 91.0 136.6#



#48
Acenaphthylene
Concen: 33.73 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion: 152 Resp: 1136520
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.3 10.7 16.1

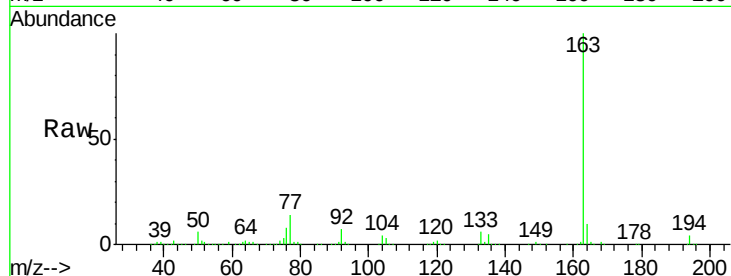




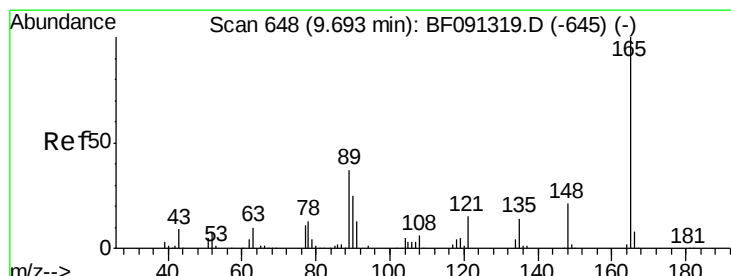
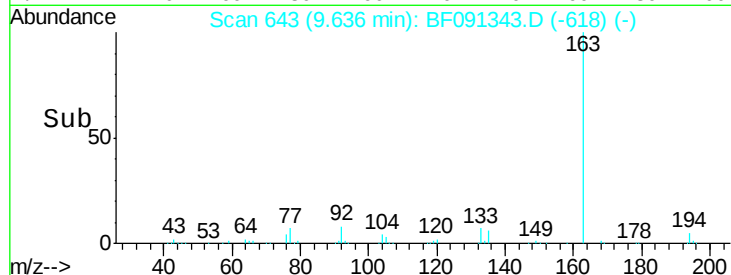
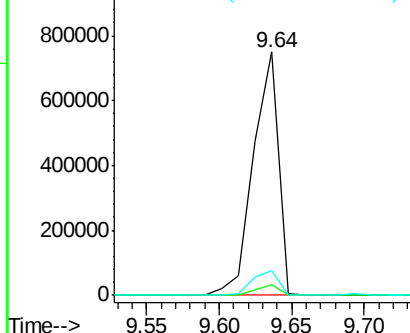
#49
Dimethylphthalate
Concen: 37.23 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 901041
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.1 7.8 11.8

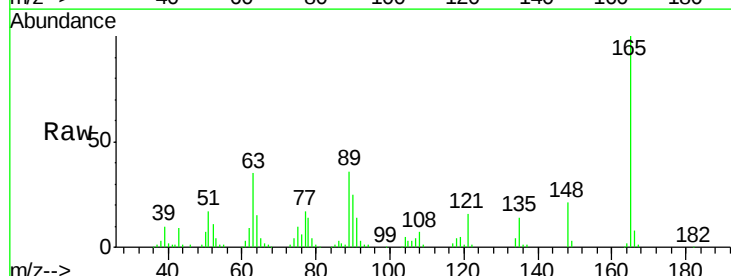


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

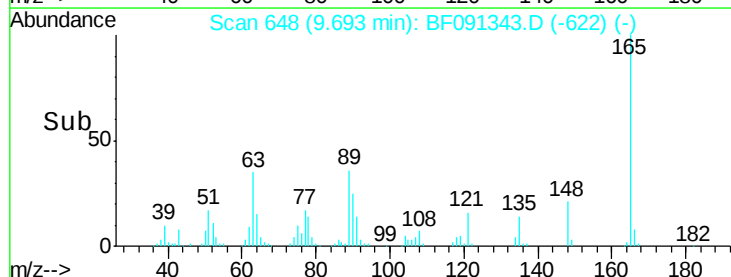
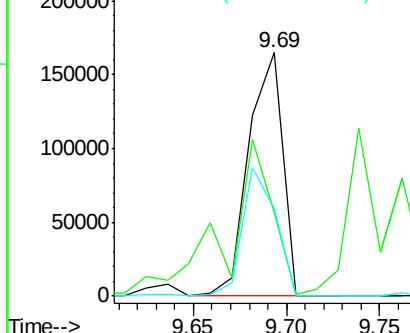


#50
2,6-Dinitrotoluene
Concen: 38.42 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:165 Resp: 207829
Ion Ratio Lower Upper
165 100
63 34.6 59.4 89.0#
89 36.1 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: 37.10 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

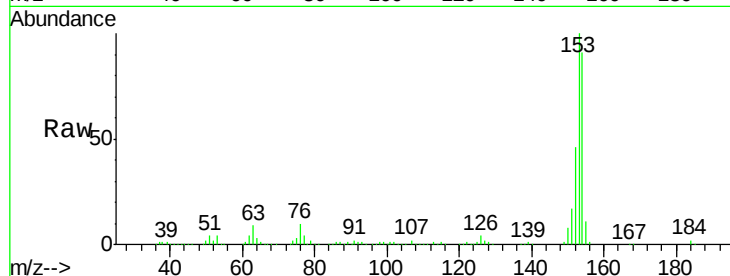
Tot Ion:154 Resp: 843180

Ion Ratio Lower Upper

154 100

153 109.9 91.0 136.6

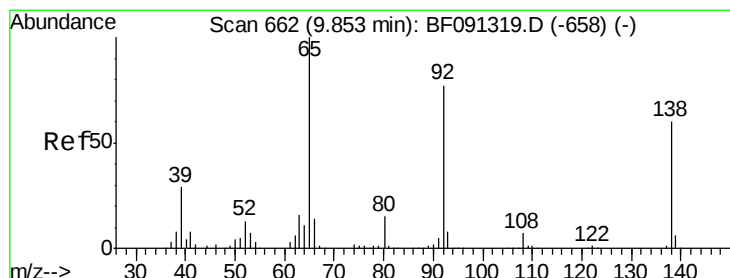
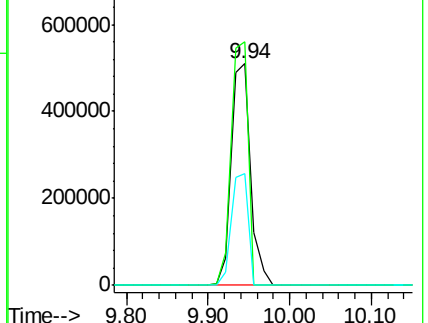
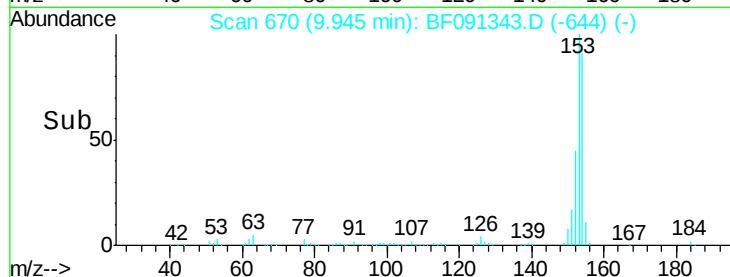
152 50.4 44.2 66.2



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: 17.95 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

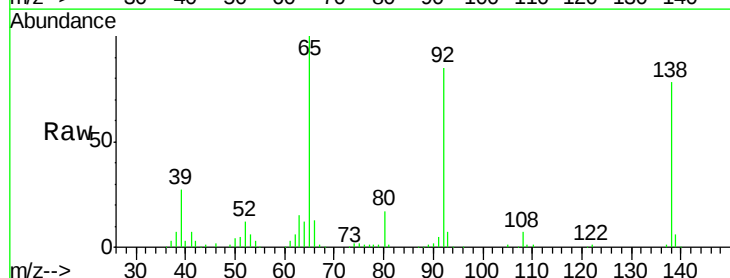
Tgt Ion:138 Resp: 112415

Ion Ratio Lower Upper

138 100

108 9.4 8.1 12.1

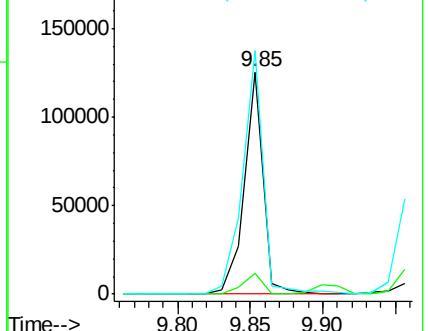
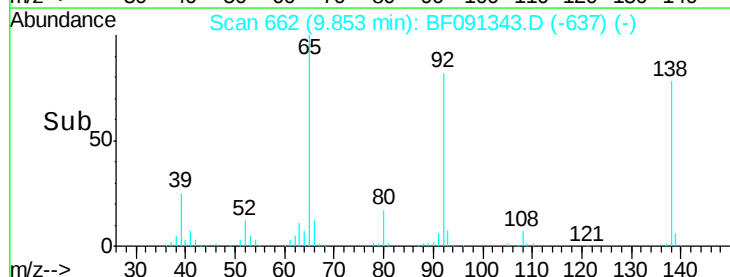
92 109.8 92.5 138.7

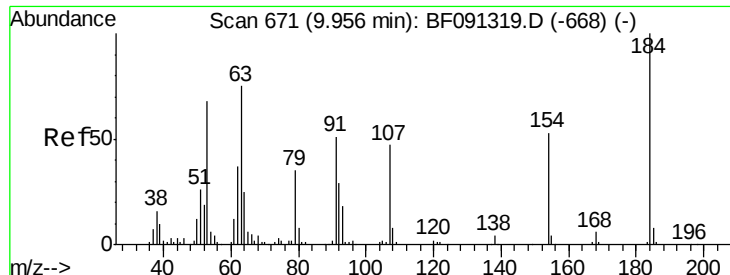


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

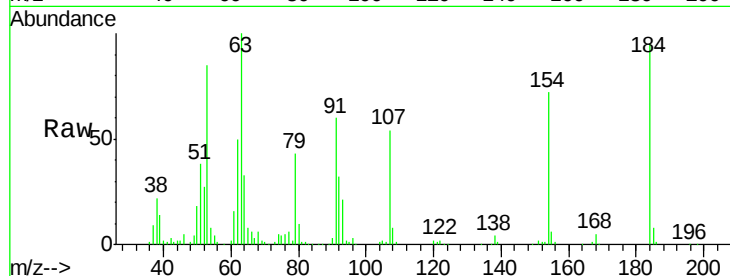




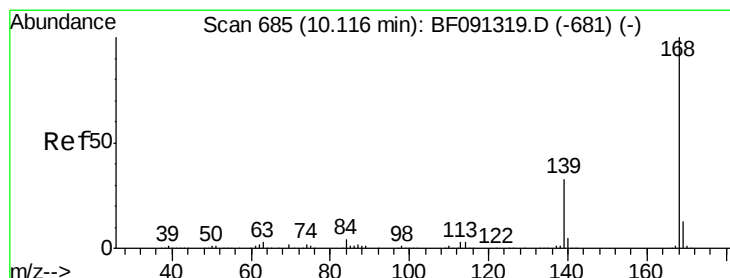
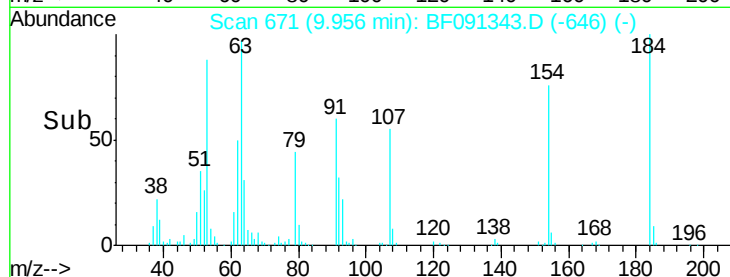
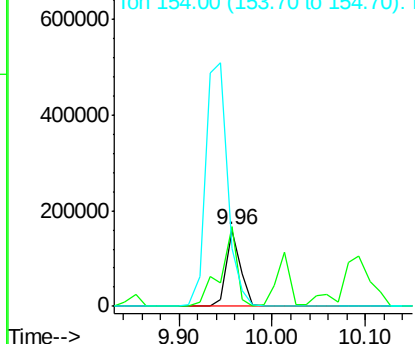
#53
2,4-Dinitrophenol
Concen: 72.62 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 171820
Ion Ratio Lower Upper
184 100
63 104.8 58.3 87.5#
154 75.5 48.6 73.0#

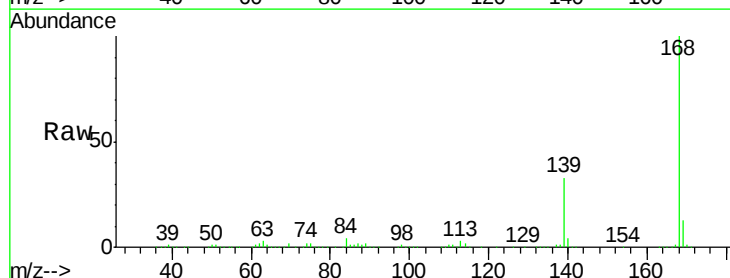


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

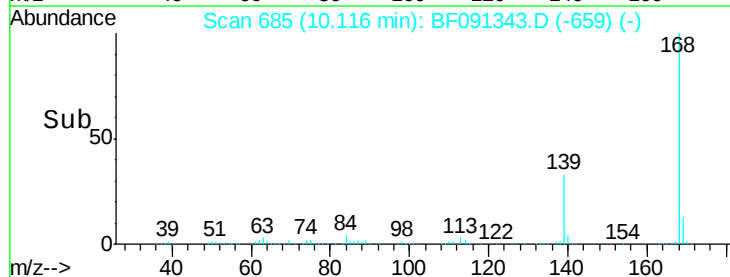
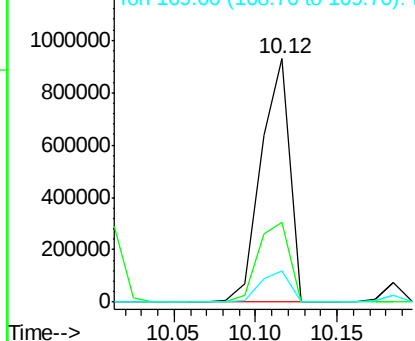


#54
Dibenzofuran
Concen: 37.02 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:168 Resp: 1126632
Ion Ratio Lower Upper
168 100
139 33.0 33.4 50.2#
169 12.8 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

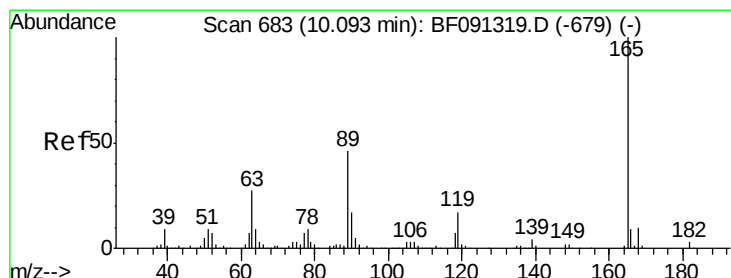
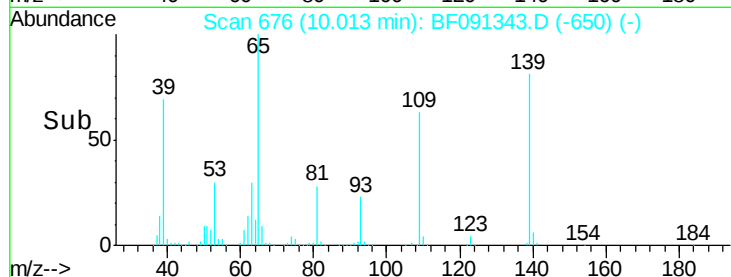
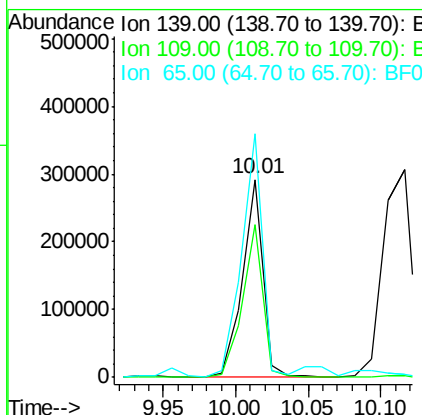
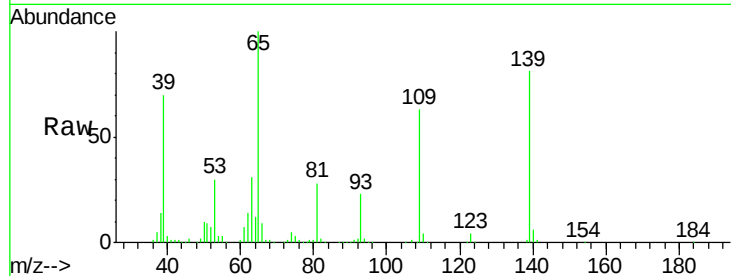




#55
4-Nitrophenol
Concen: 63.92 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

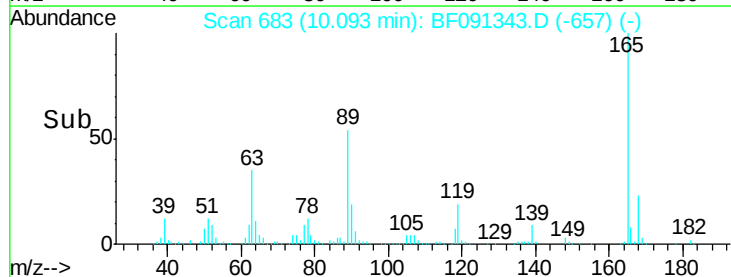
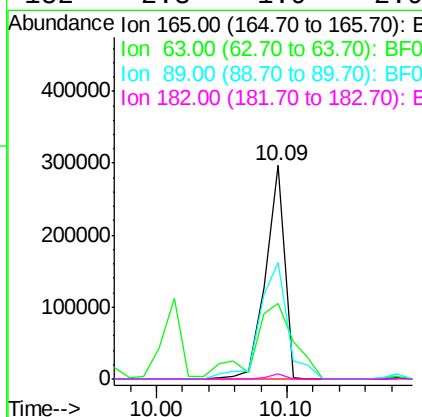
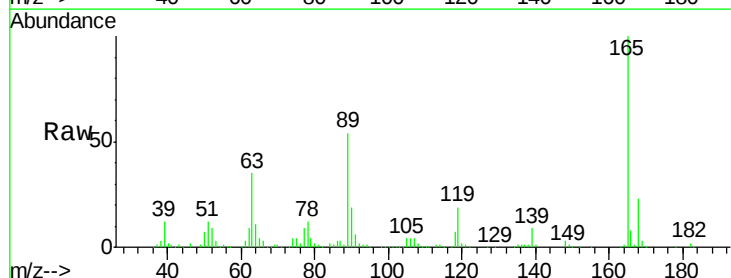
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 289091
Ion Ratio Lower Upper
139 100
109 76.8 54.9 94.9
65 122.9 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 43.15 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:165 Resp: 302848
Ion Ratio Lower Upper
165 100
63 35.2 29.0 43.4
89 54.5 43.1 64.7
182 2.3 1.9 2.9

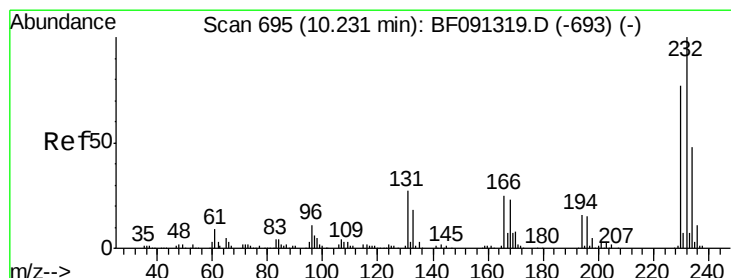
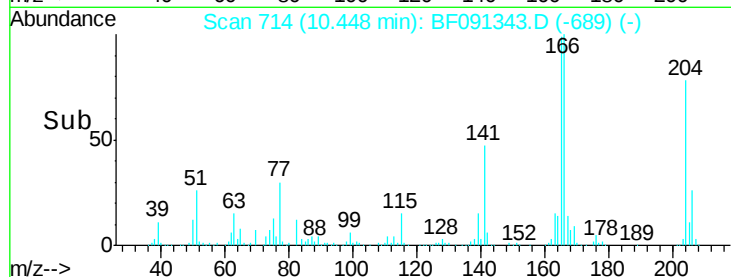
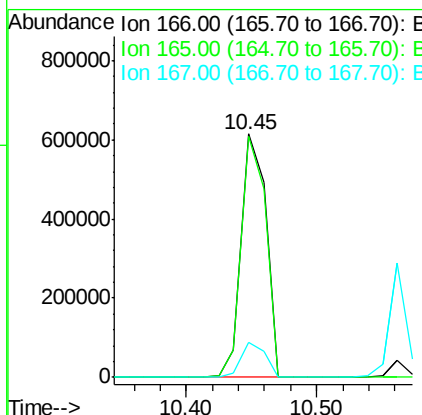
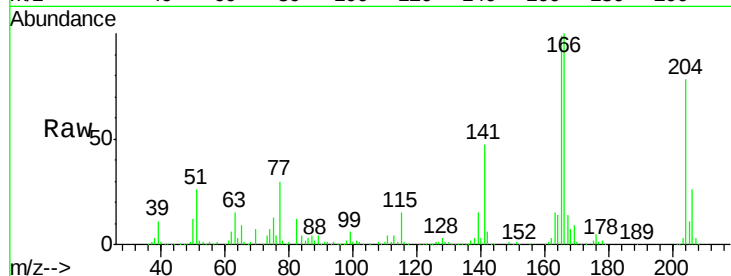




#57
Fluorene
 Concen: 34.82 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

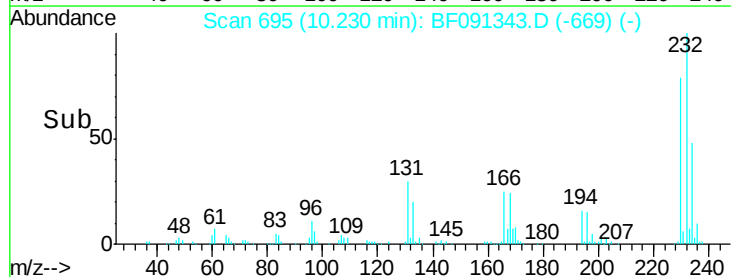
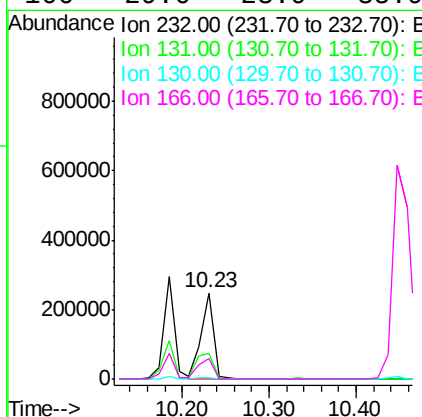
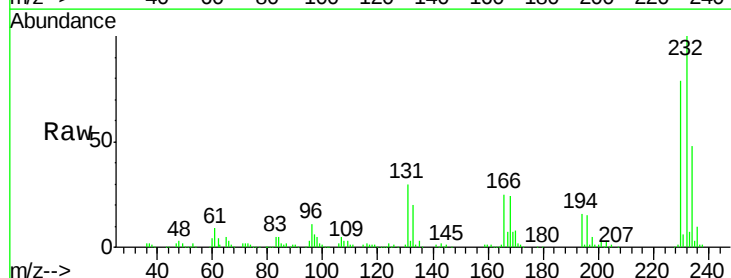
Instrument :
 BNA_F
 ClientSampleId :

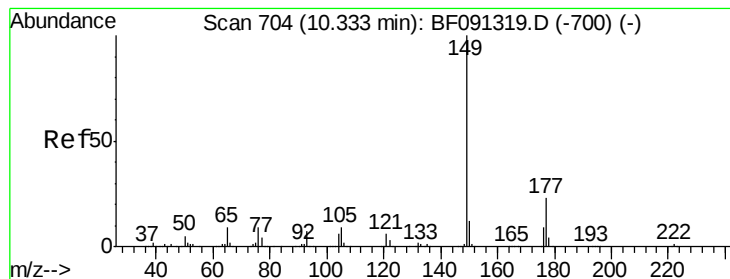
Tot Ion:166 Resp: 813682
 Ion Ratio Lower Upper
 166 100
 165 98.8 80.0 120.0
 167 14.2 10.8 16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.98 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:232 Resp: 244297
 Ion Ratio Lower Upper
 232 100
 131 41.2 38.4 57.6
 130 1.9 1.8 2.8
 166 29.6 23.9 35.9





#59

Diethylphthalate

Concen: 38.26 ng

RT: 10.33 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

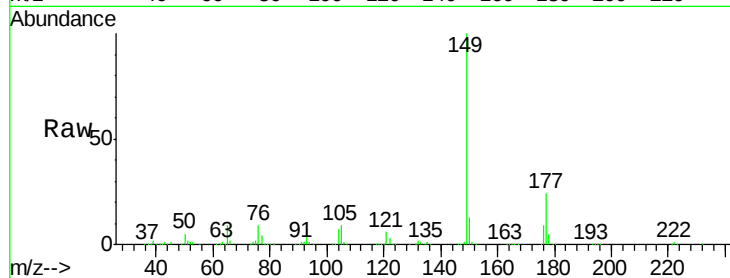
Tot Ion:149 Resp: 914147

Ion Ratio Lower Upper

149 100

177 23.6 15.7 23.5#

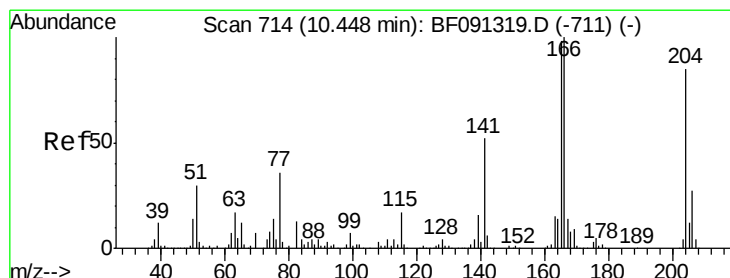
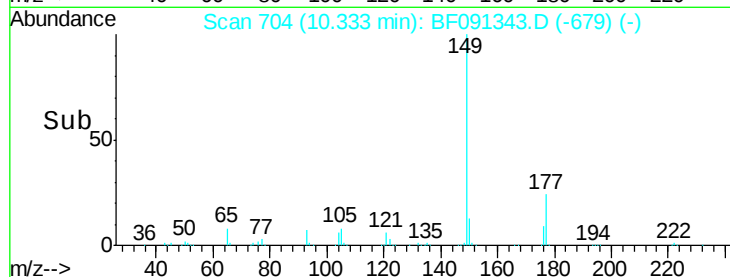
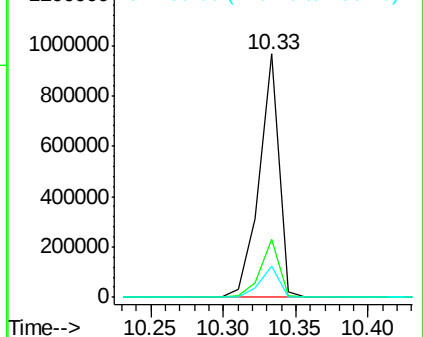
150 12.6 10.2 15.2



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: 34.83 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

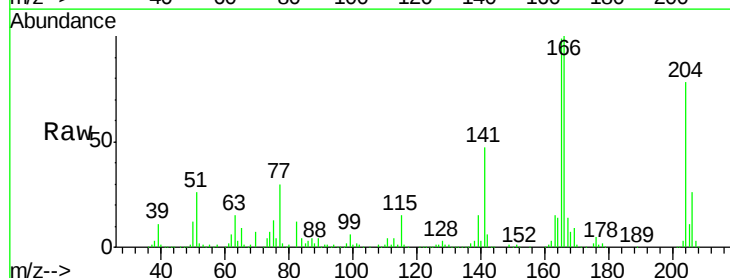
Tgt Ion:204 Resp: 408175

Ion Ratio Lower Upper

204 100

206 32.6 26.1 39.1

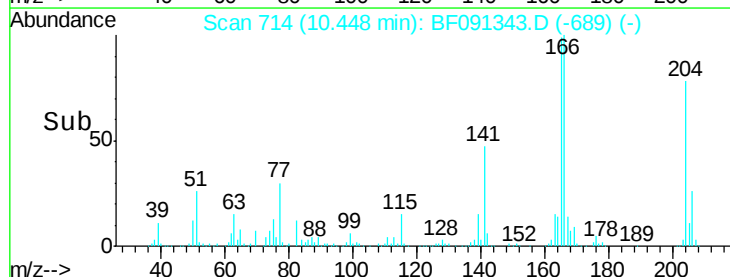
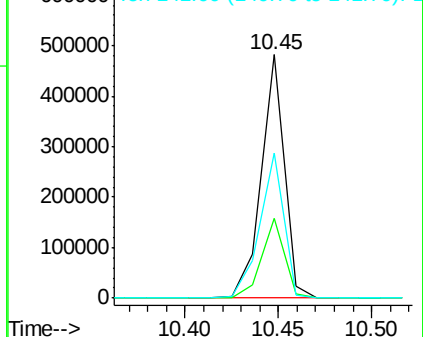
141 59.8 40.6 61.0

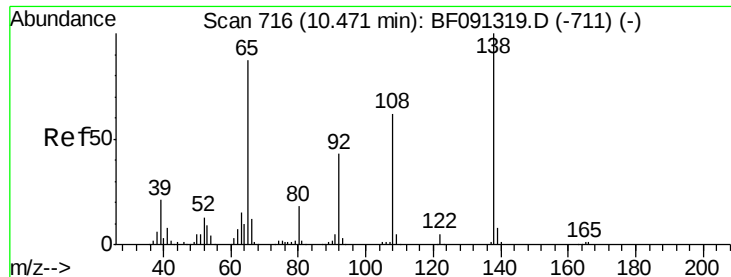


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

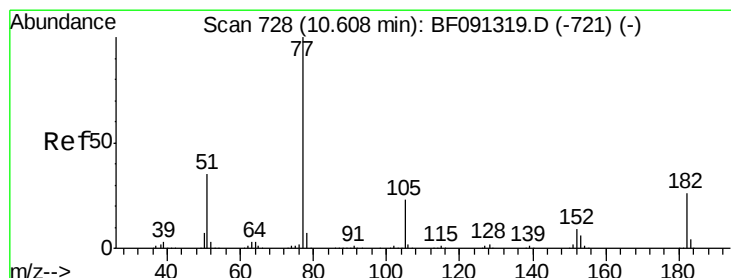
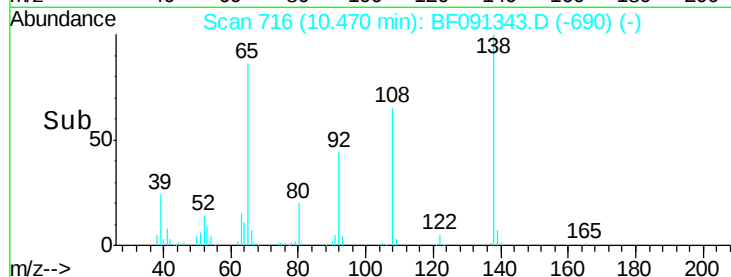
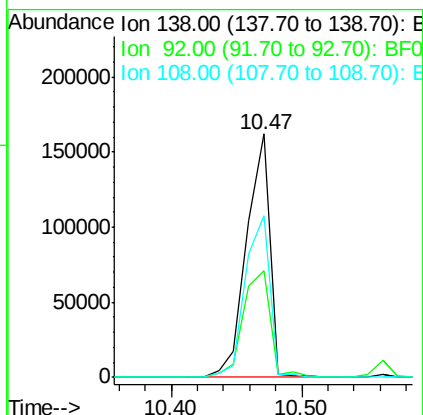
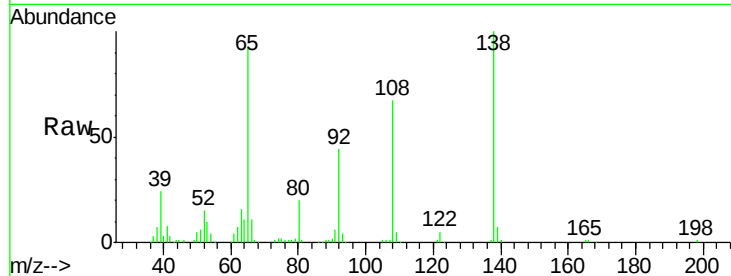




#61
4-Nitroaniline
Concen: 34.15 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

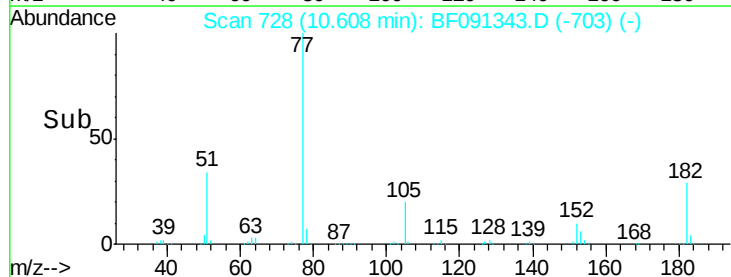
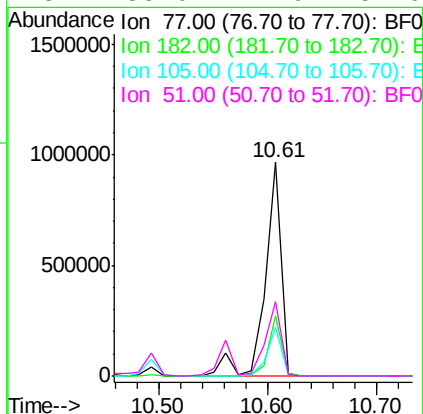
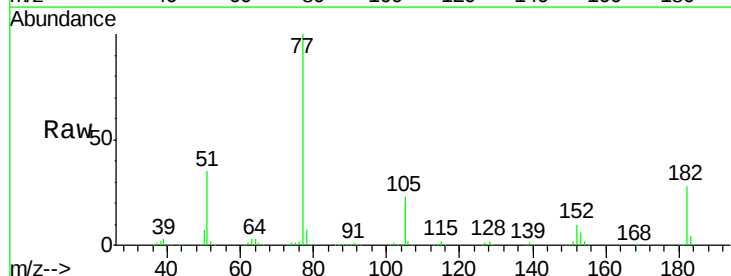
Instrument :
BNA_F
ClientSampleId :

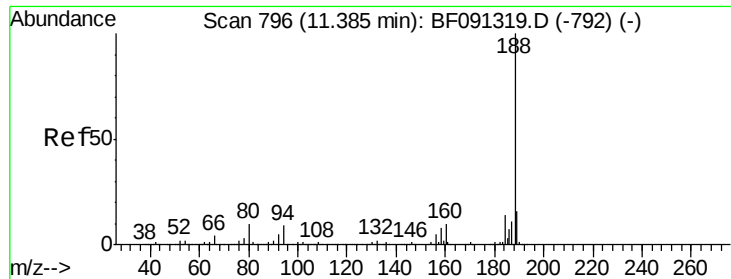
Tot Ion:138 Resp: 200802
Ion Ratio Lower Upper
138 100
92 43.9 26.9 66.9
108 66.5 49.1 89.1



#62
Azobenzene
Concen: 41.48 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion: 77 Resp: 1011197
Ion Ratio Lower Upper
77 100
182 28.2 12.5 52.5
105 22.9 3.7 43.7
51 35.0 11.9 51.9

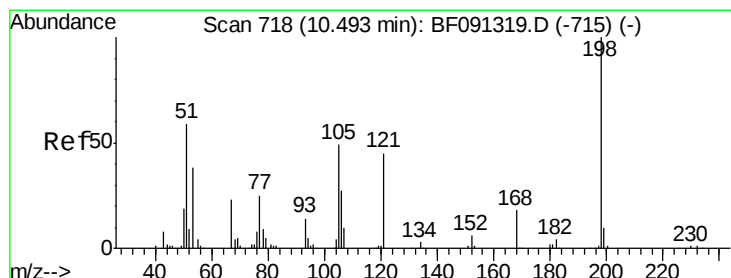
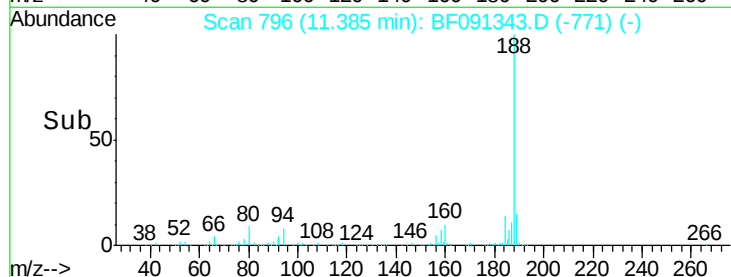
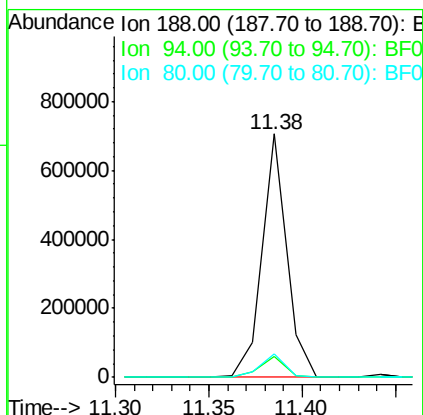
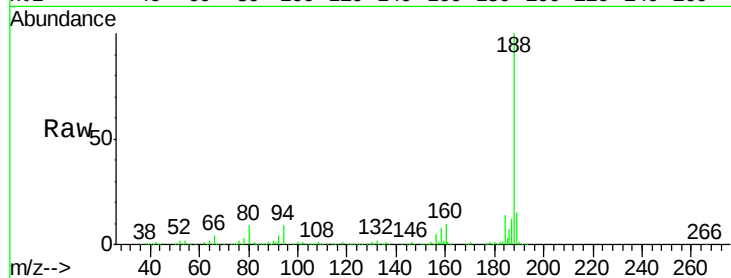




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

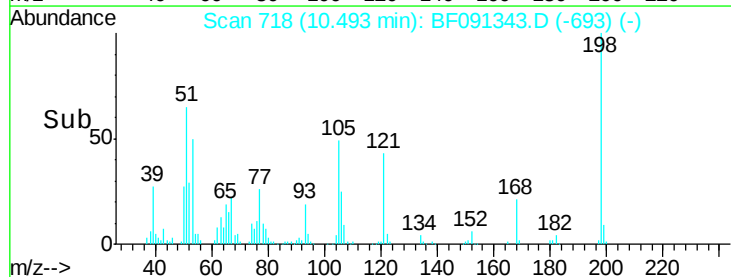
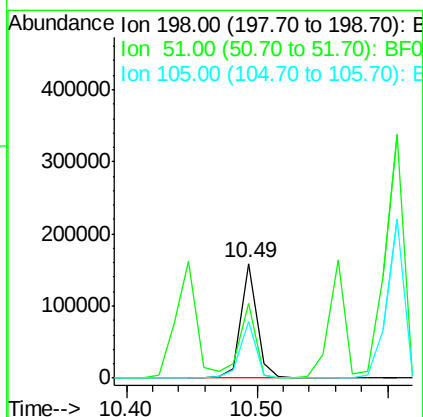
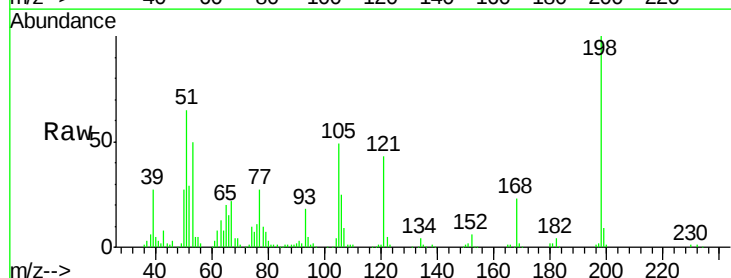
Instrument :
BNA_F
ClientSampleId :

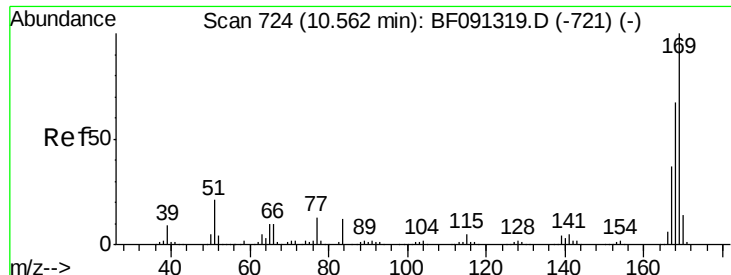
Tot Ion:188 Resp: 644010
Ion Ratio Lower Upper
188 100
94 8.6 9.2 13.8#
80 9.4 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 38.20 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:198 Resp: 135542
Ion Ratio Lower Upper
198 100
51 65.0 77.1 117.1#
105 48.8 44.8 84.8

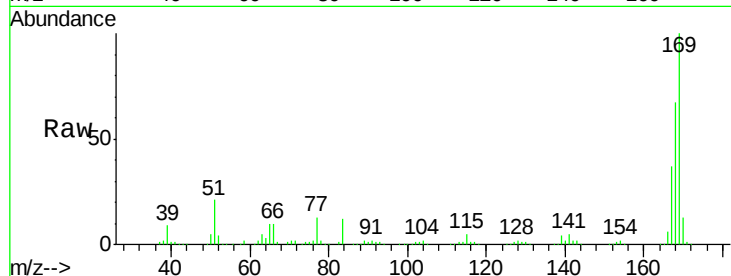




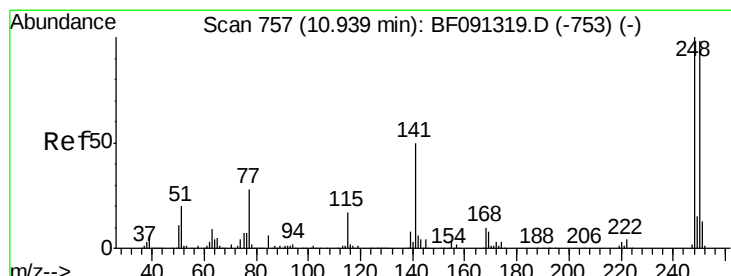
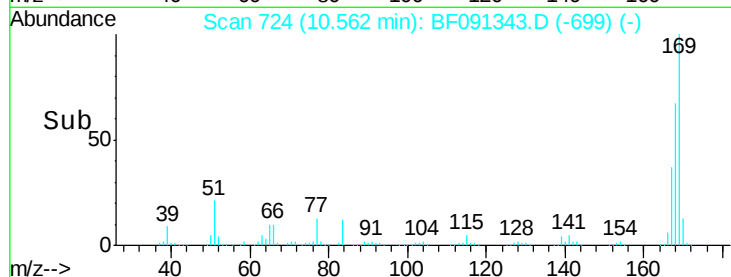
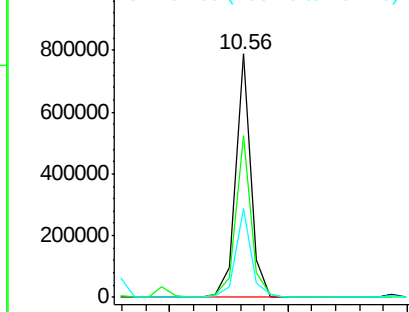
#65
 n-Nitrosodiphenylamine
 Concen: 35.91 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 701188
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.8 80.8
 167 36.5 29.8 44.8

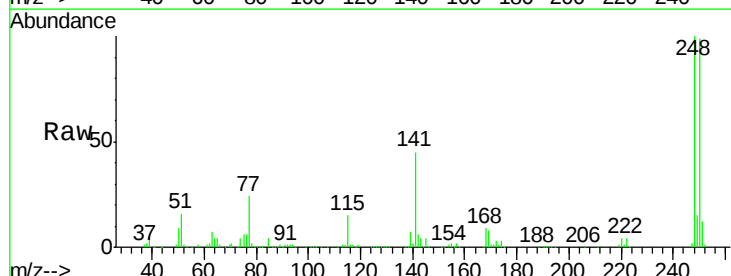


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

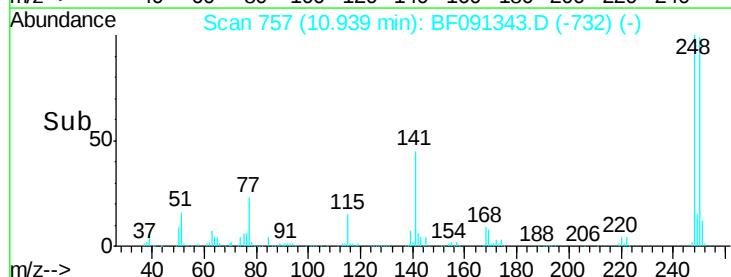
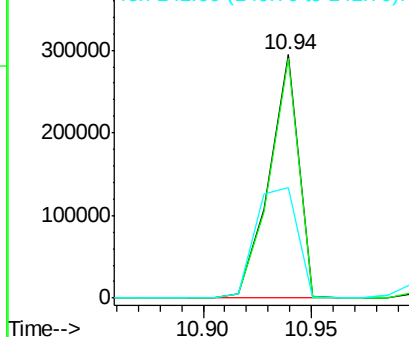


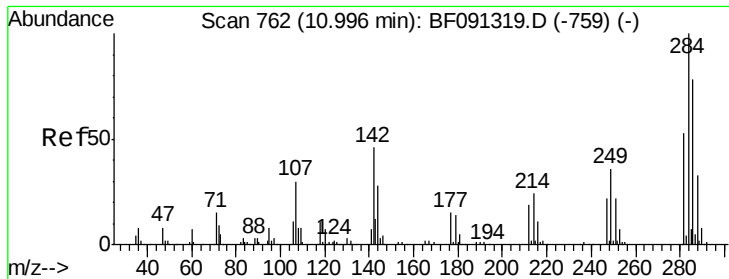
#66
 4-Bromophenyl-phenylether
 Concen: 40.66 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:248 Resp: 281480
 Ion Ratio Lower Upper
 248 100
 250 98.5 78.2 117.4
 141 45.4 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.55 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

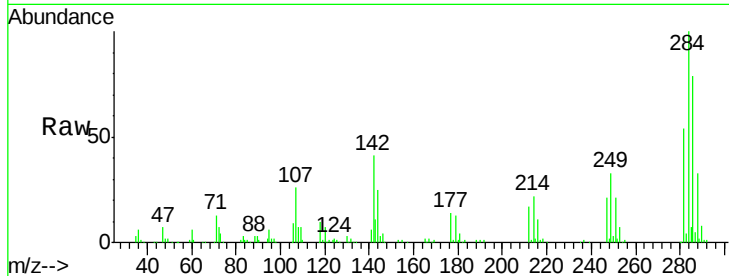
Tot Ion:284 Resp: 265886

Ion Ratio Lower Upper

284 100

142 40.7 17.9 26.9#

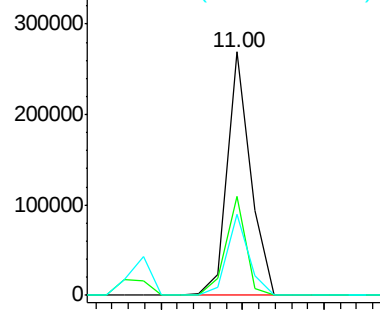
249 33.4 23.6 35.4



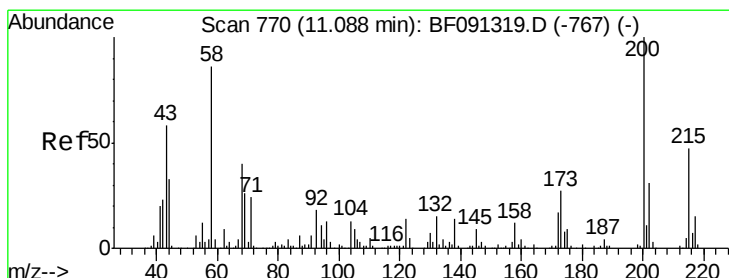
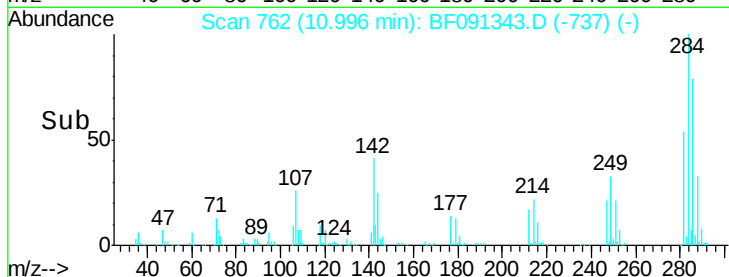
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 35.30 ng

RT: 11.09 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

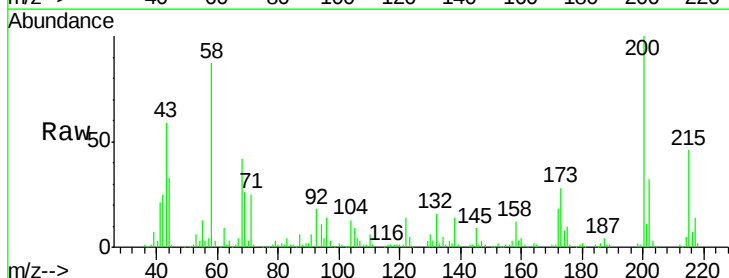
Tgt Ion:200 Resp: 223252

Ion Ratio Lower Upper

200 100

173 27.8 7.8 47.8

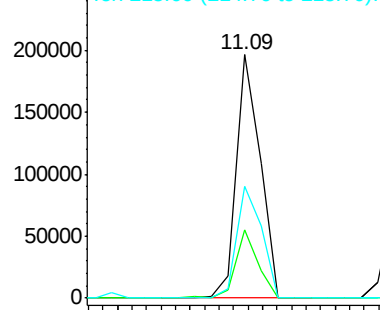
215 45.7 24.3 64.3



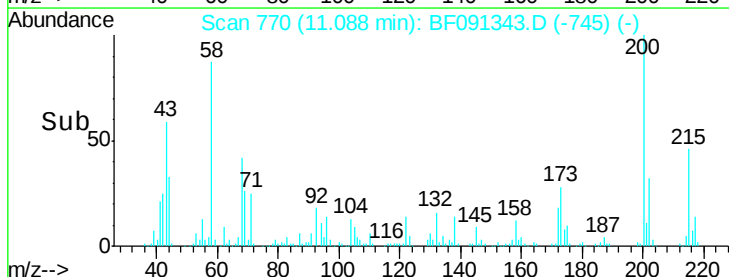
Abundance Ion 200.00 (199.70 to 200.70): E

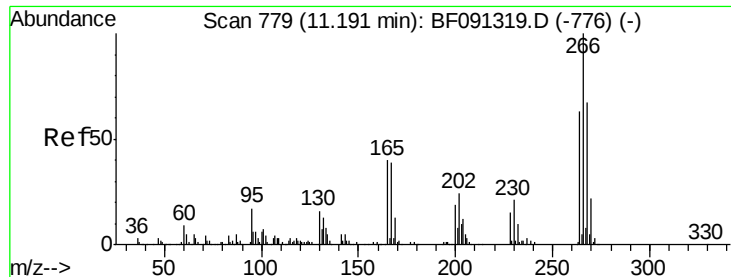
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->

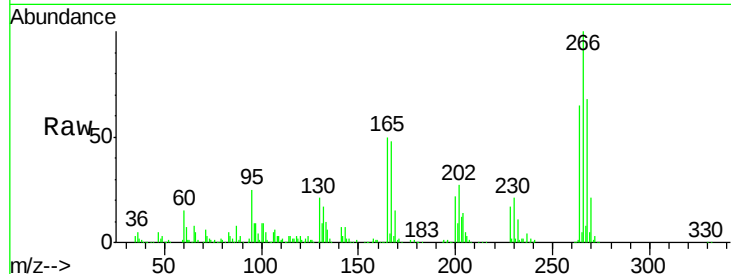




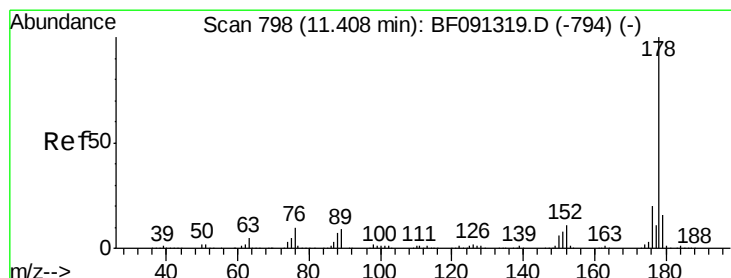
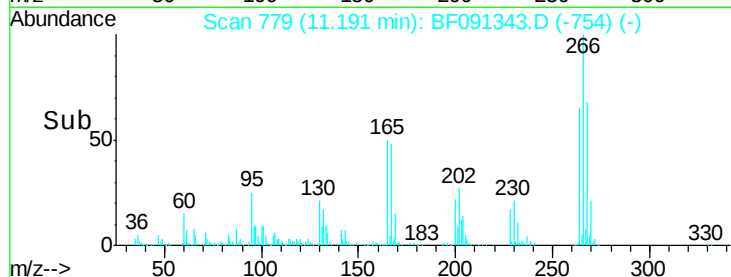
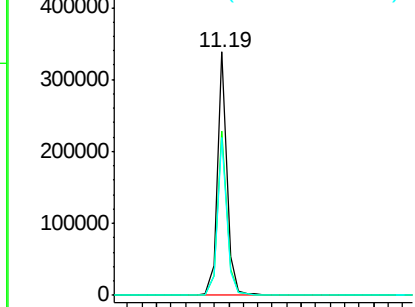
#69
 Pentachlorophenol
 Concen: 70.62 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	50.3	75.5
264	65.1	48.2	72.2

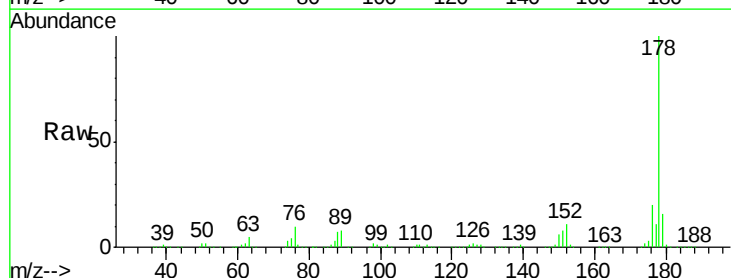


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

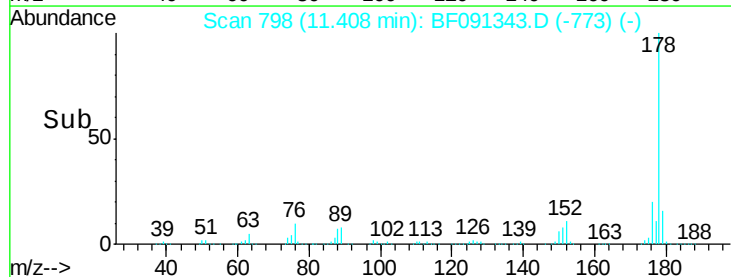
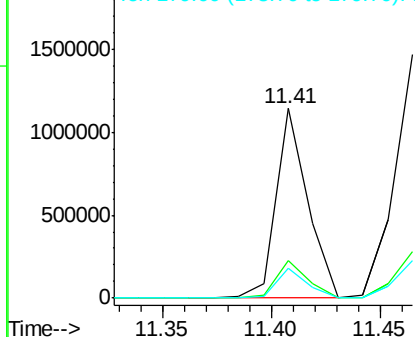


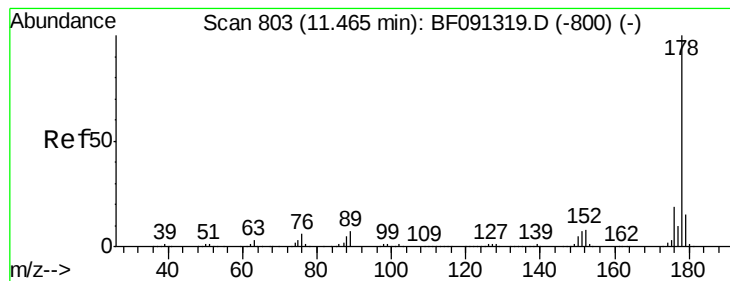
#70
 Phenanthrene
 Concen: 34.56 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.0	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: 41.13 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

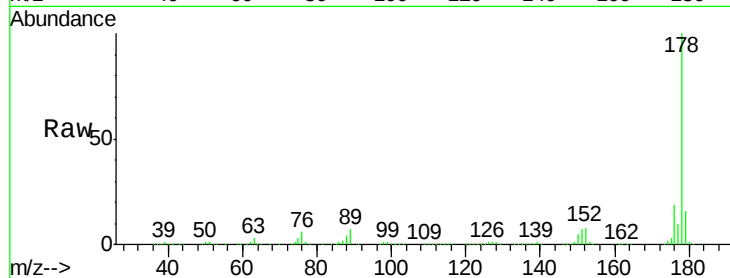
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1365878

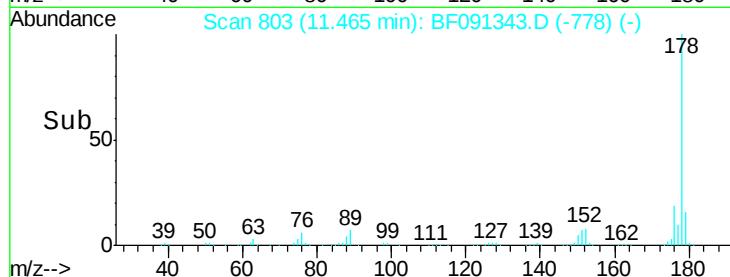
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	15.6	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

#72

Carbazole

Concen: 35.44 ng

RT: 11.61 min Scan# 816

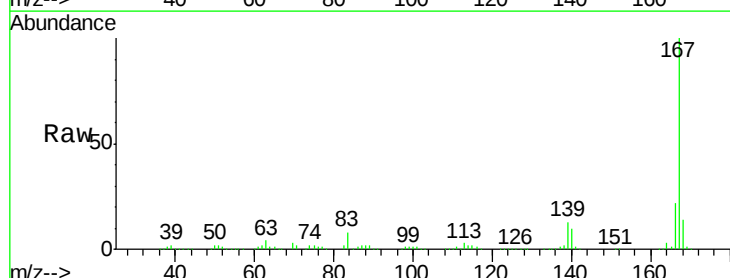
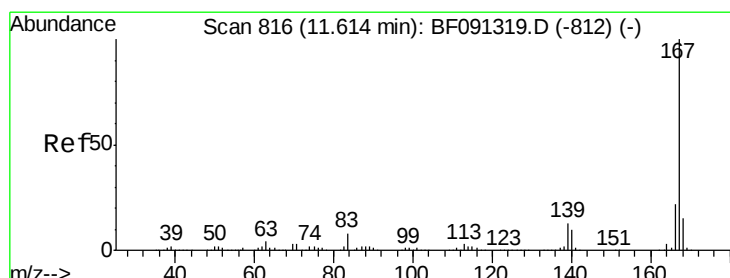
Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Tgt Ion:167 Resp: 1068002

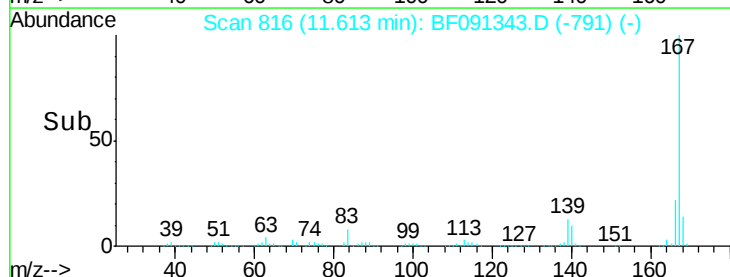
Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.4	11.5	17.3



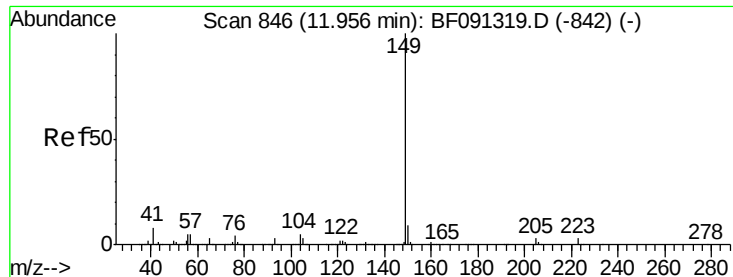
Abundance Ion 167.00 (166.70 to 167.70): E

1500000 Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 41.14 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

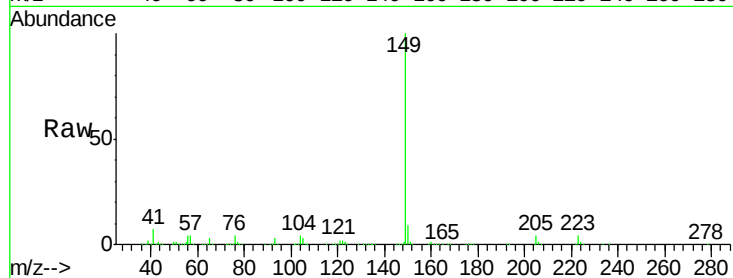
Tot Ion:149 Resp: 1405232

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

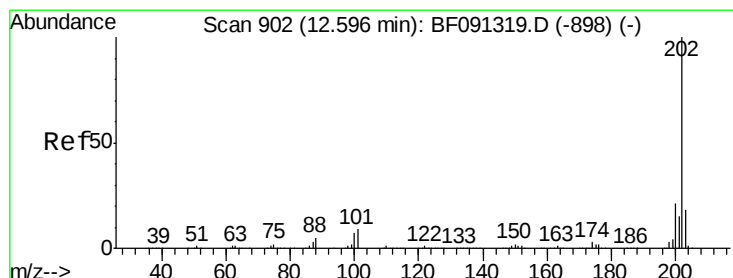
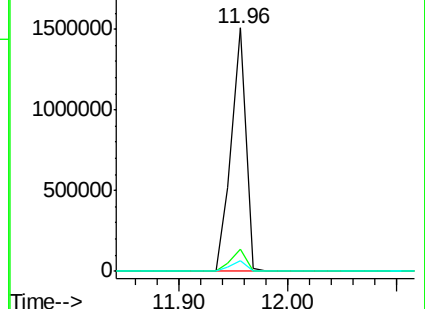
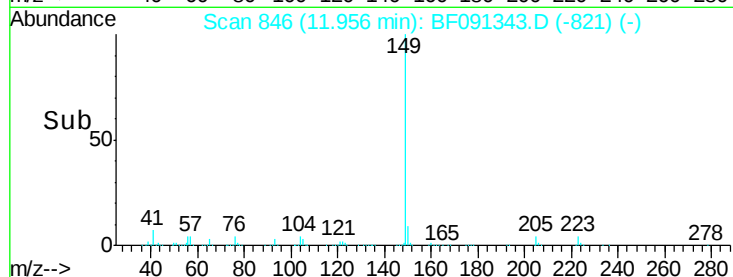
104 4.4 4.0 6.0



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: 42.19 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

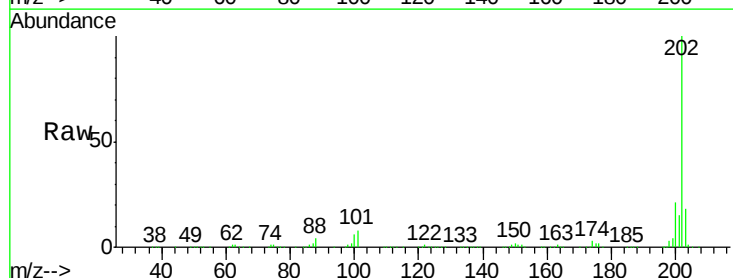
Tgt Ion:202 Resp: 1337279

Ion Ratio Lower Upper

202 100

101 8.0 0.0 29.5

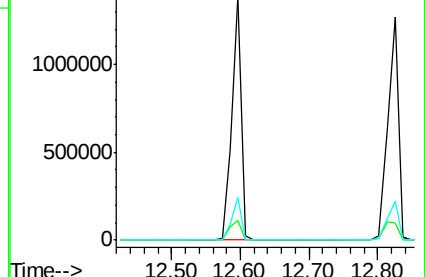
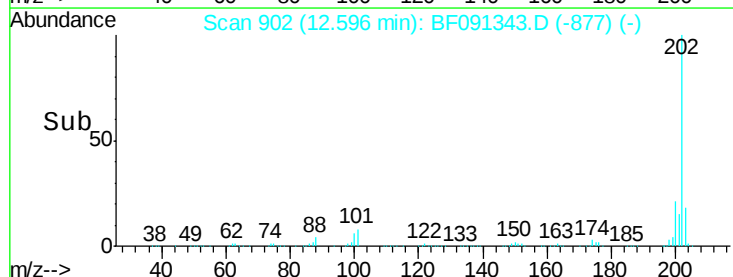
203 17.8 0.0 37.8

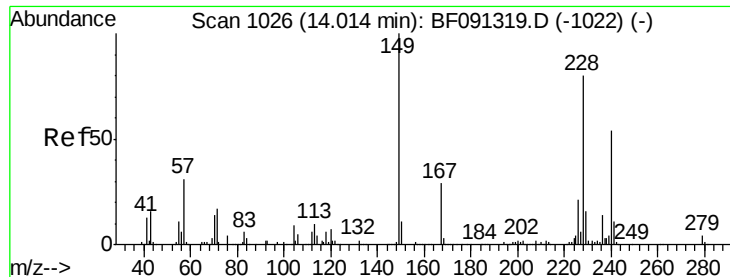


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

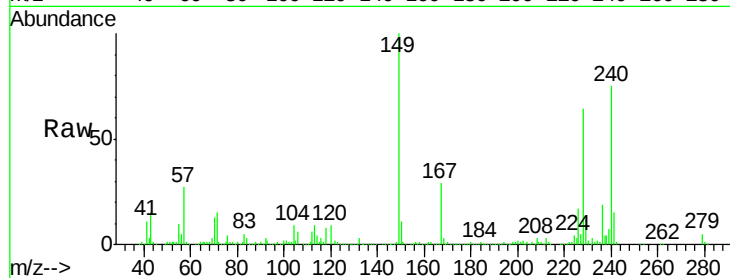
Tot Ion:240 Resp: 421040

Ion Ratio Lower Upper

240 100

120 11.9 12.1 18.1#

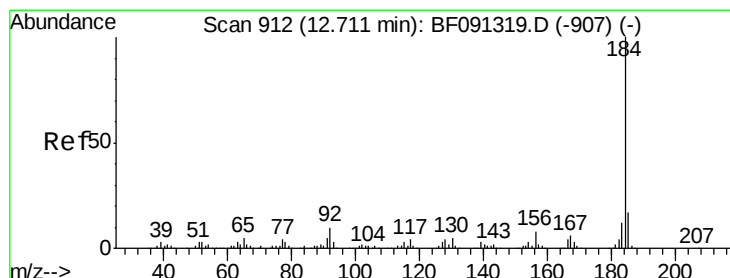
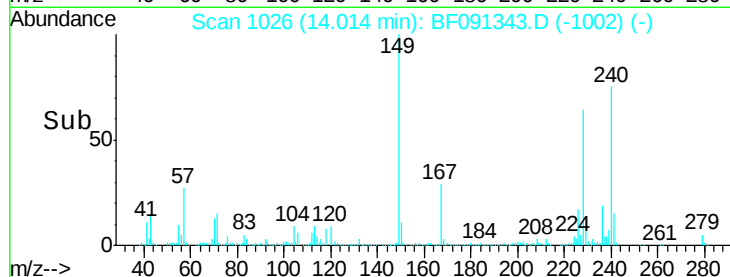
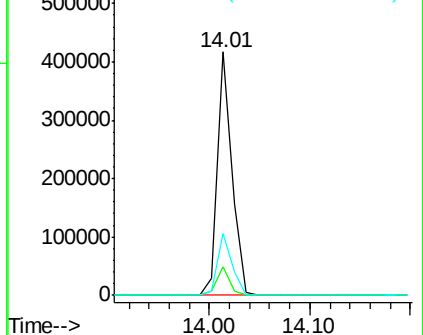
236 25.4 21.0 31.6



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: 27.87 ng

RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

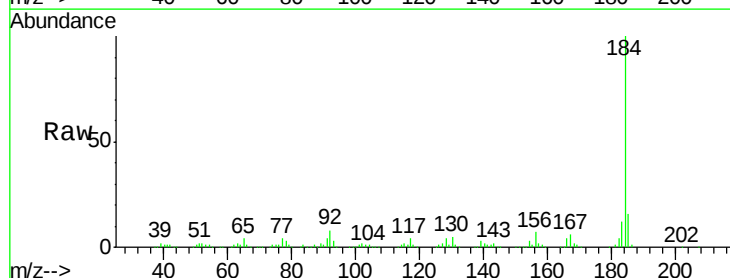
Tgt Ion:184 Resp: 344427

Ion Ratio Lower Upper

184 100

185 15.5 13.1 19.7

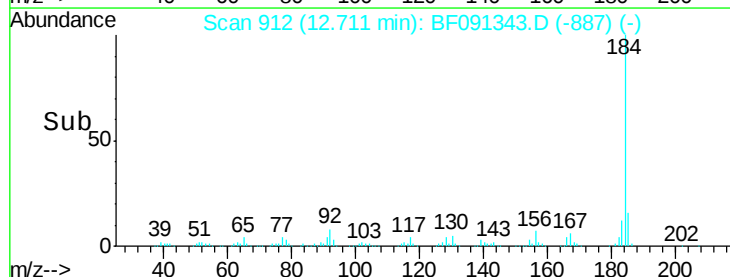
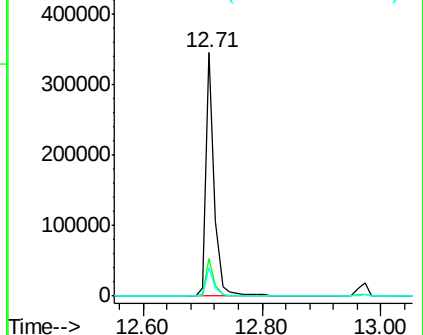
183 11.5 8.9 13.3

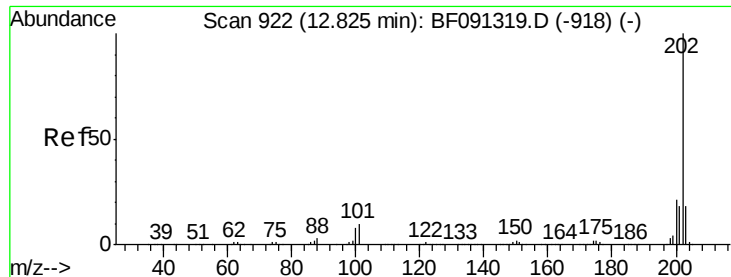


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

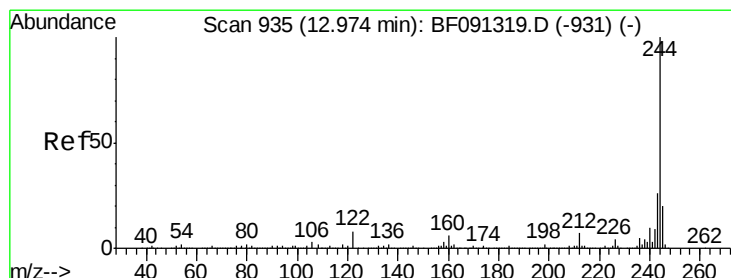
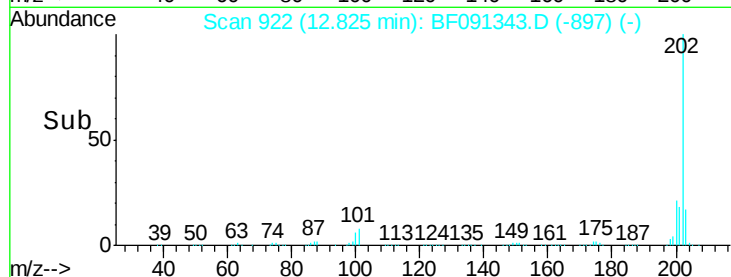
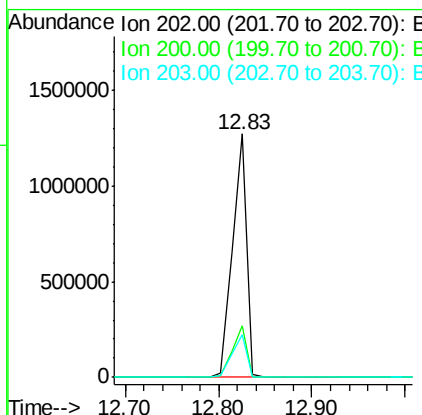
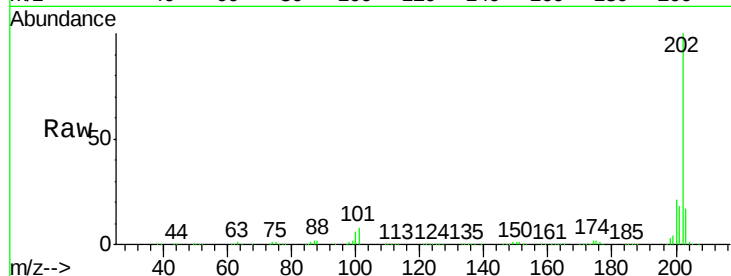




#77
Pvrene
Concen: 42.42 ng
RT: 12.83 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

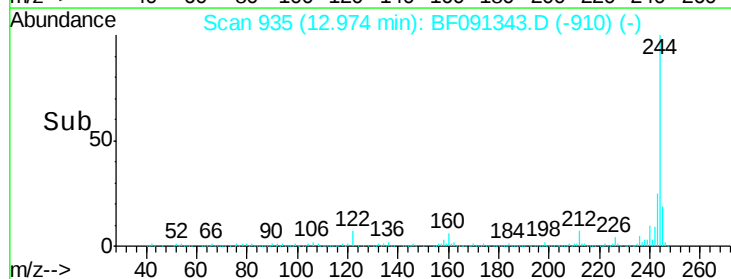
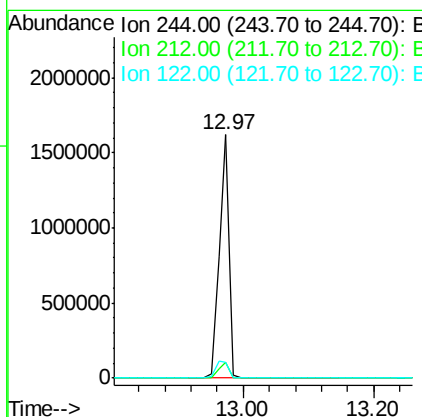
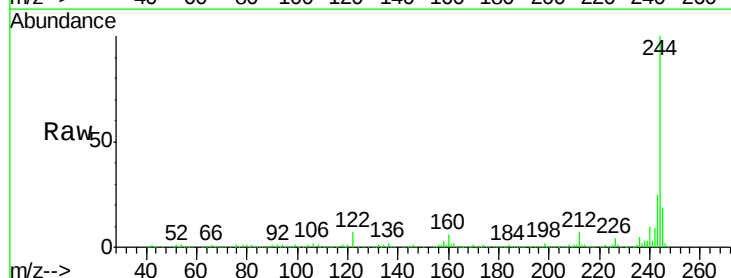
Instrument :
BNA_F
ClientSampleId :

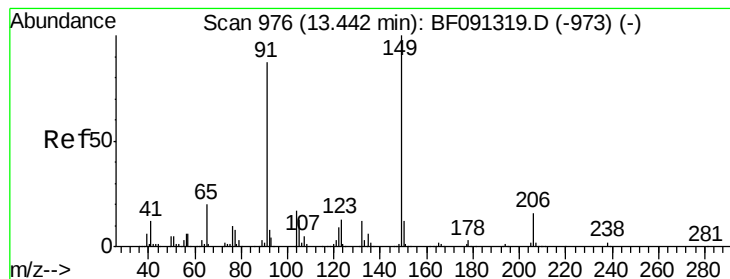
Tot Ion:202 Resp: 1355387
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.3 14.0 21.0



#78
Terphenyl-d14
Concen: 88.54 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:244 Resp: 1715084
Ion Ratio Lower Upper
244 100
212 6.6 6.5 9.7
122 6.6 9.5 14.3#





#79

Butylbenzylphthalate

Concen: 40.68 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

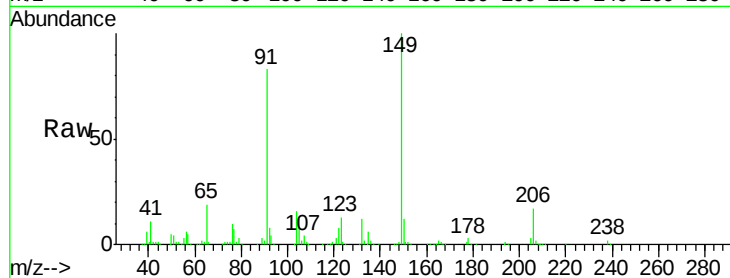
Tot Ion:149 Resp: 486795

Ion Ratio Lower Upper

149 100

91 82.8 57.4 86.2

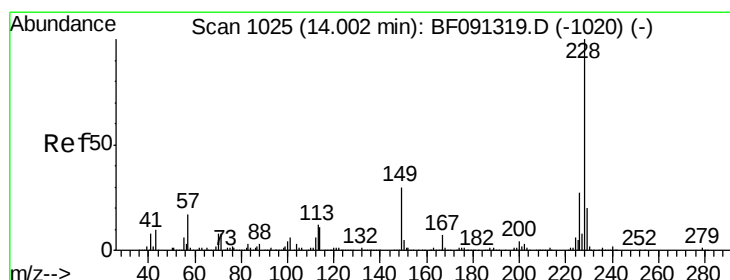
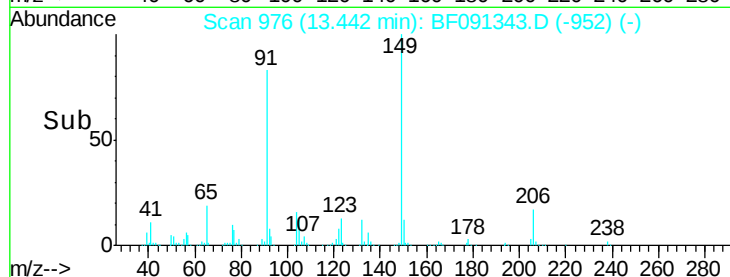
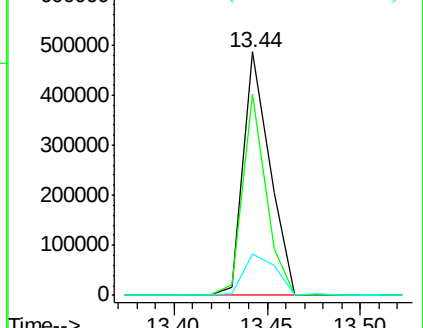
206 17.3 15.4 23.2



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: 37.04 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

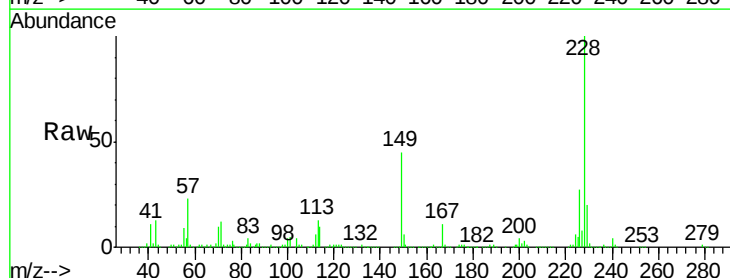
Tgt Ion:228 Resp: 912041

Ion Ratio Lower Upper

228 100

226 27.4 22.5 33.7

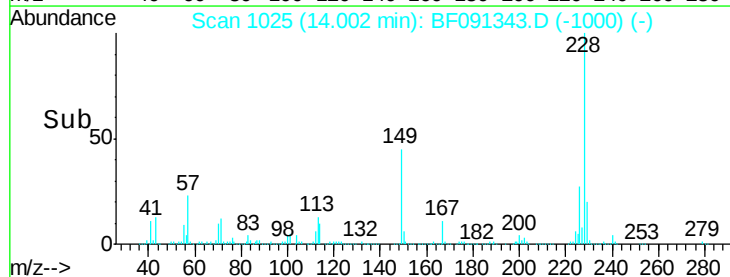
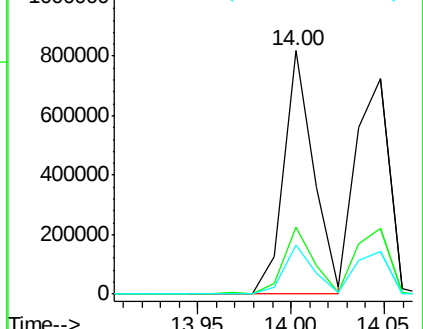
229 20.1 16.4 24.6

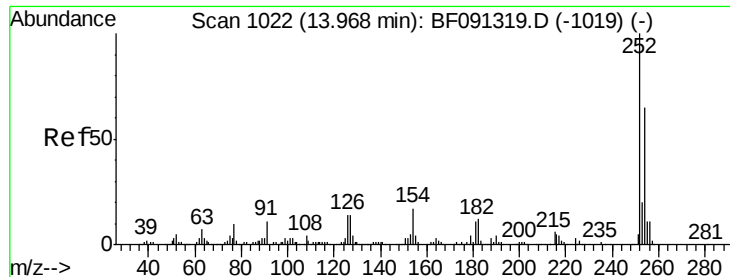


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

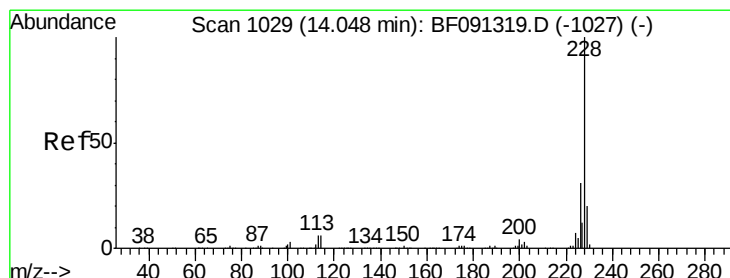
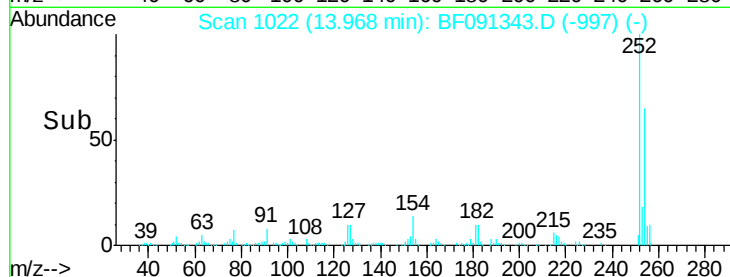
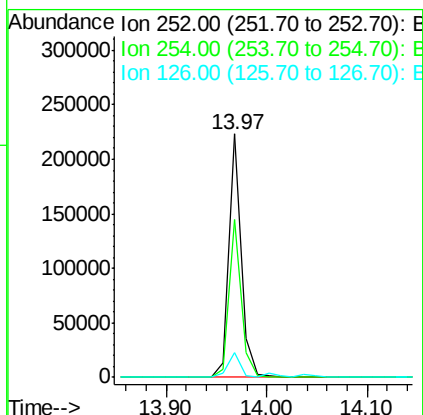
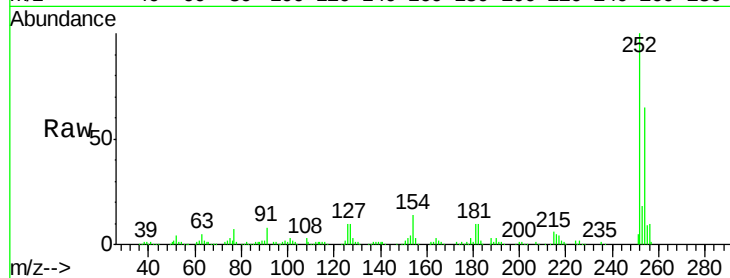




#81
 3,3'-Dichlorobenzidine
 Concen: 22.05 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

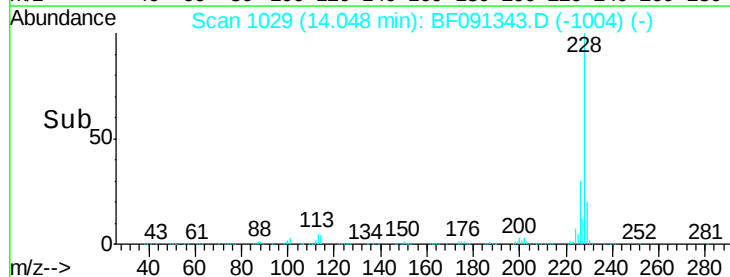
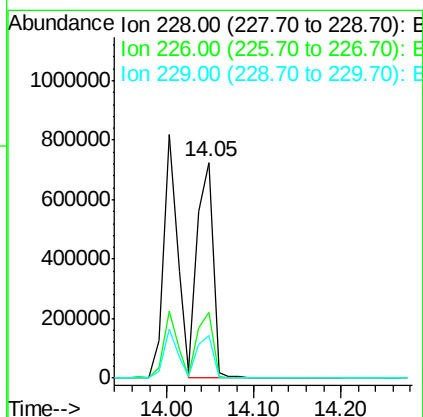
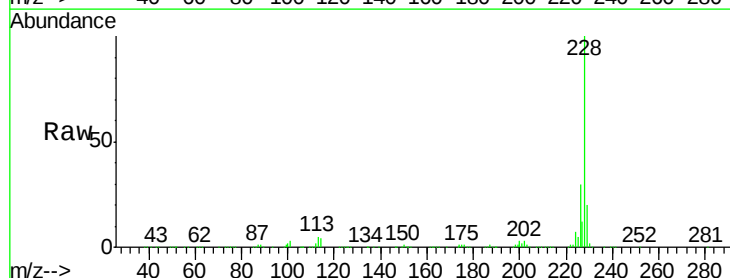
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.1	78.1
126	10.3	7.5	11.3



#82
 Chrysene
 Concen: 37.26 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	19.5	16.0	24.0

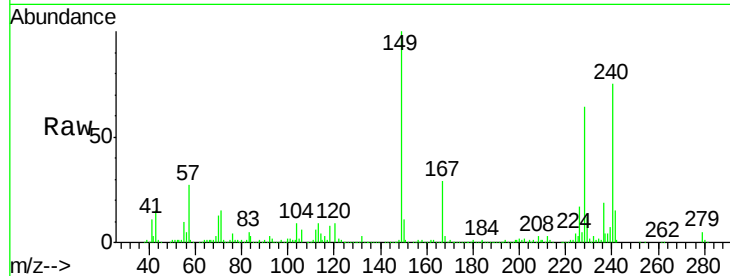




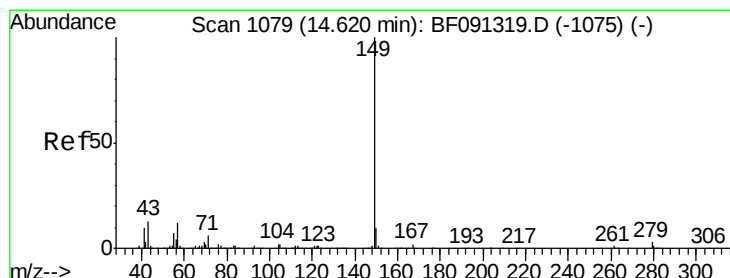
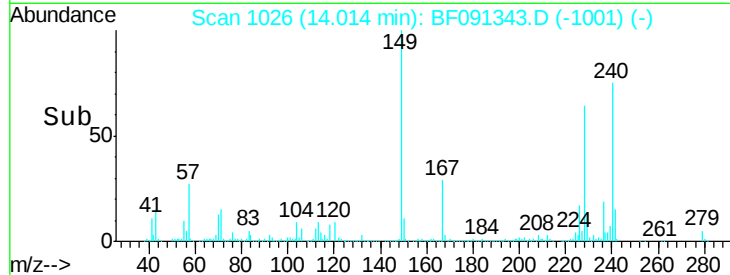
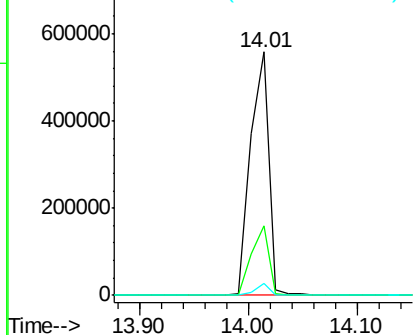
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.20 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 655146
 Ion Ratio Lower Upper
 149 100
 167 28.8 19.6 29.4
 279 4.9 1.9 2.9#

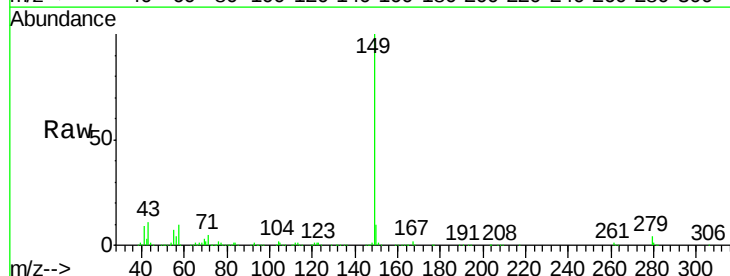


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

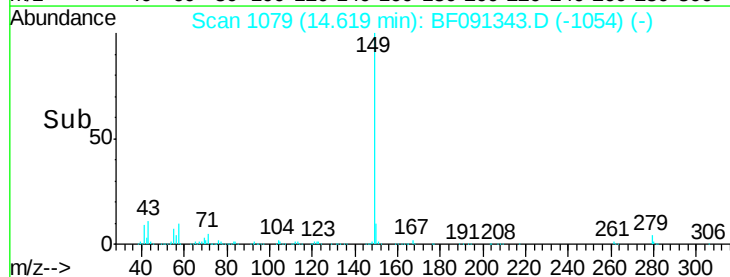
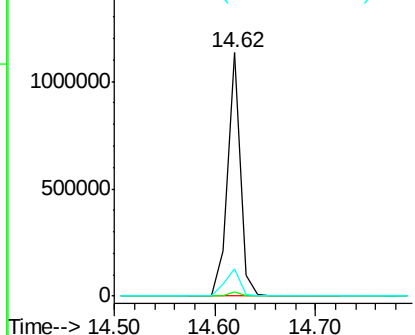


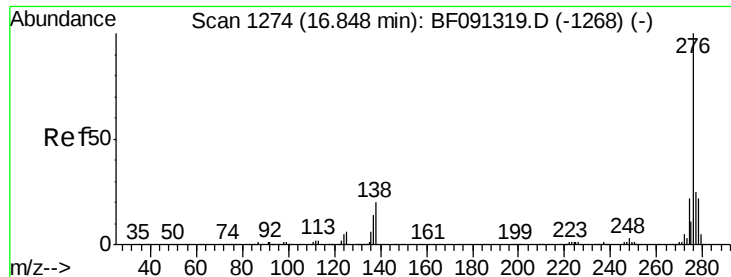
#84
 Di-n-octyl phthalate
 Concen: 43.53 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion:149 Resp: 999089
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.2 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

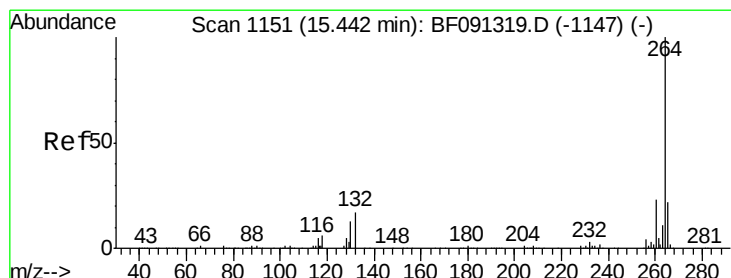
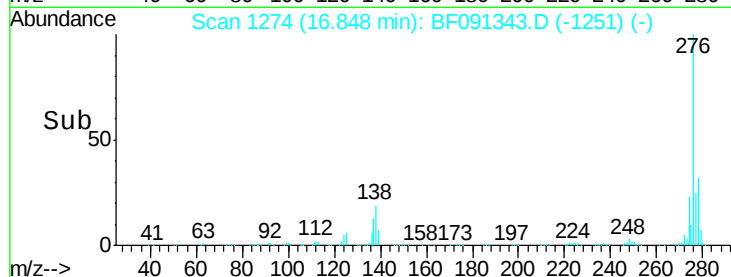
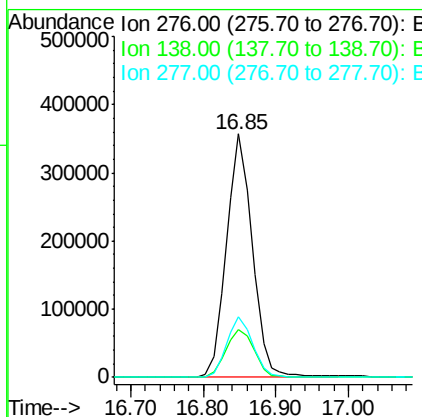
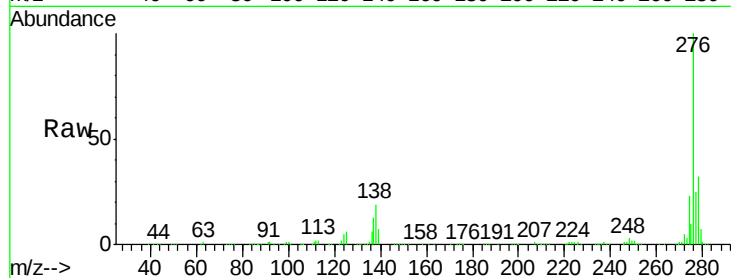




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.83 ng
 RT: 16.85 min Scan# 1274
 Delta R.T. -0.04 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

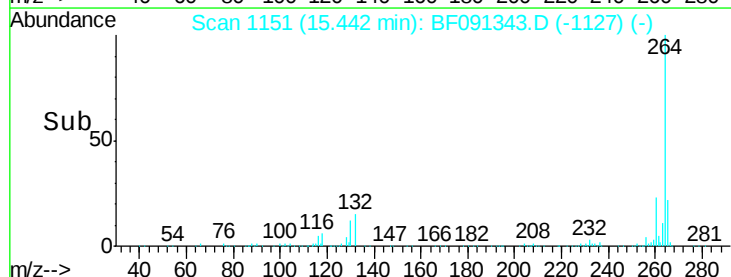
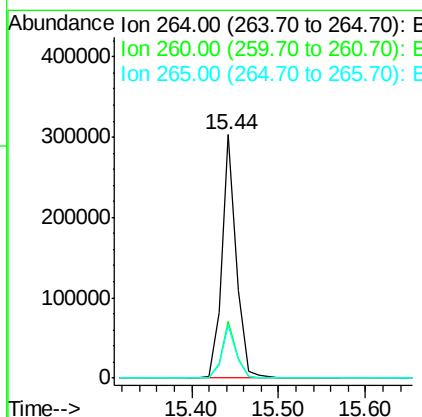
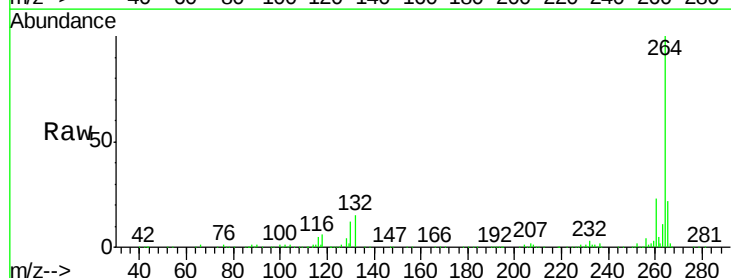
Instrument :
 BNA_F
 ClientSampleId :

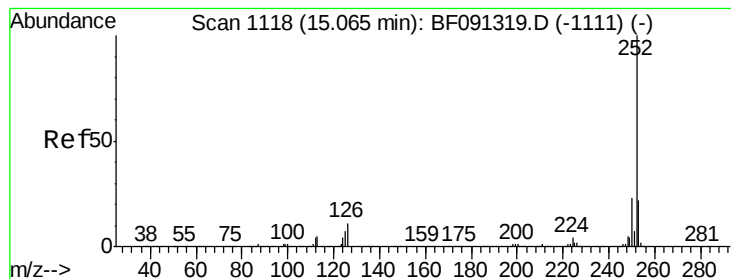
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	21.0	31.4
277	25.1	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.8	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 71.33 ng

RT: 15.07 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

Instrument :

BNA_F

ClientSampleId :

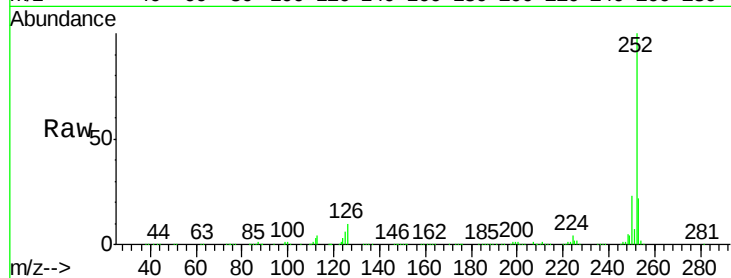
Tot Ion:252 Resp: 1561421

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

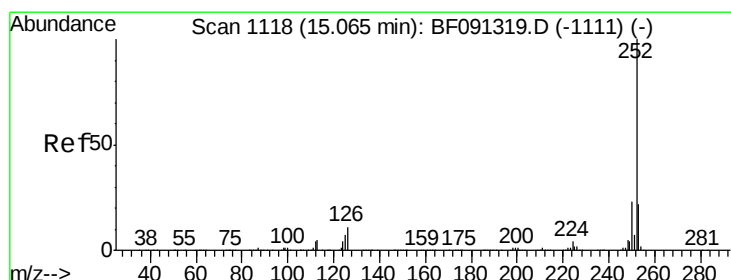
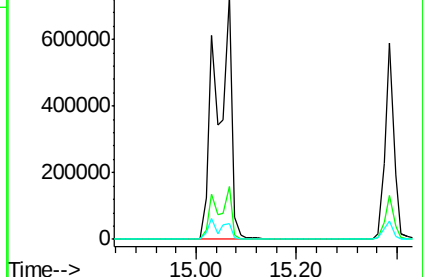
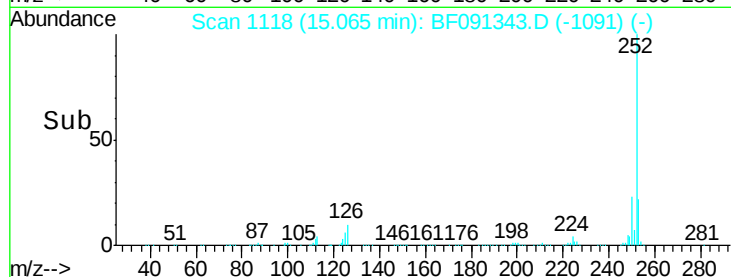
125 6.4 8.6 13.0#



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: 84.84 ng

RT: 15.07 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF091343.D

Acq: 30 Nov 2016 10:04

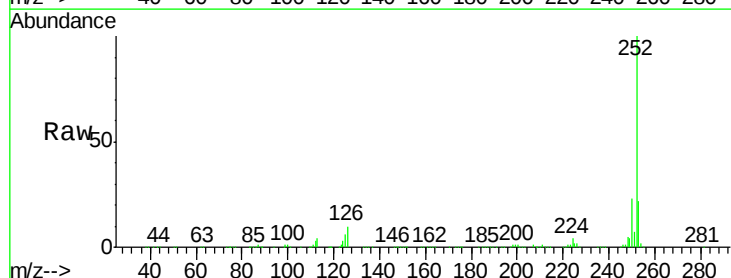
Tgt Ion:252 Resp: 1561759

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

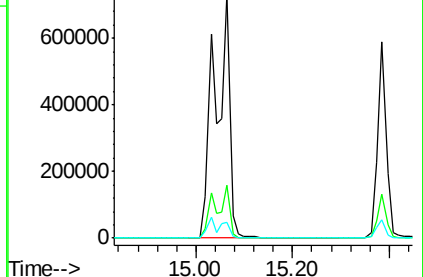
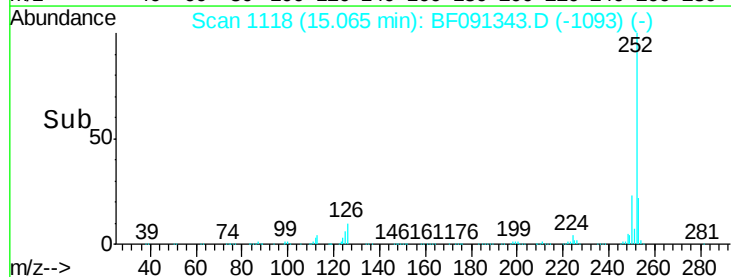
125 6.4 9.6 14.4#

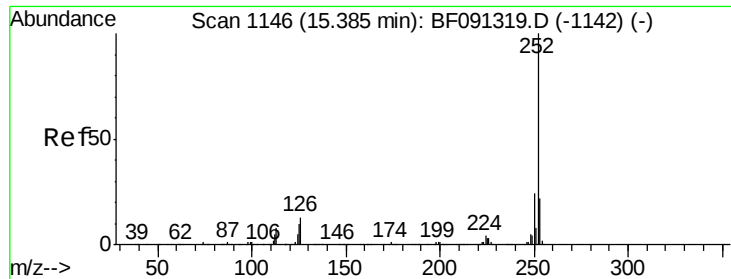


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

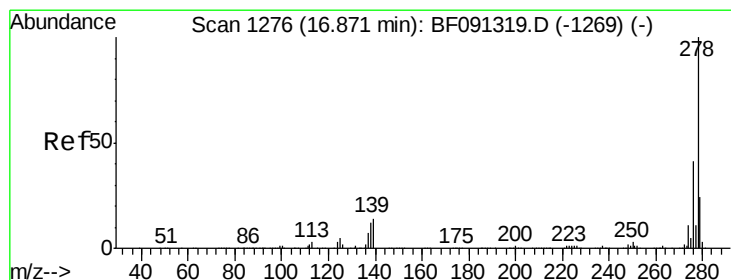
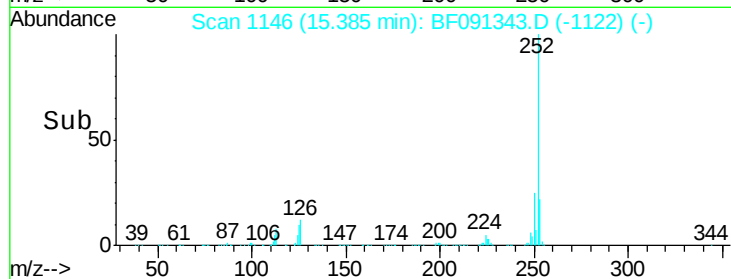
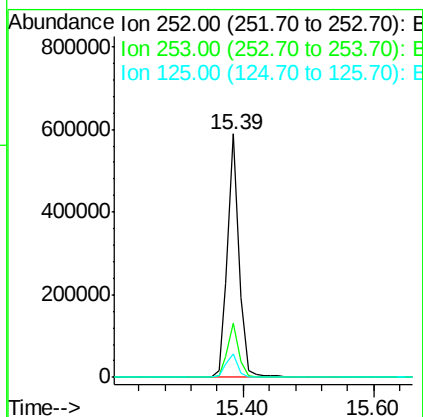
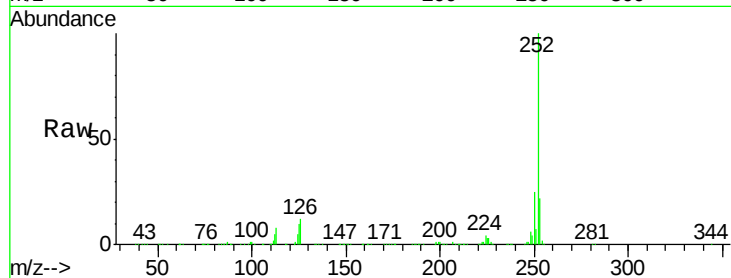




#89
Benzo(a)pyrene
Concen: 37.18 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

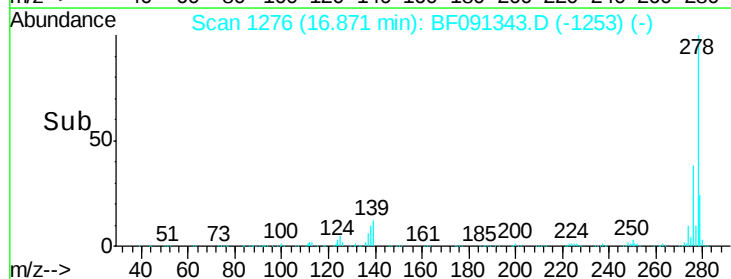
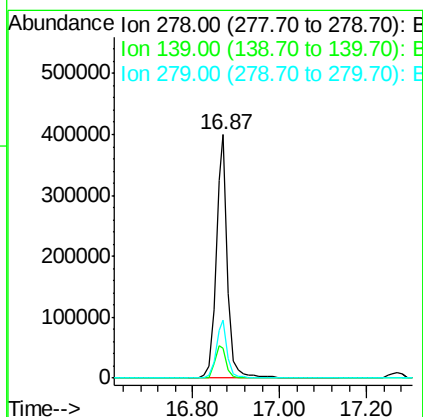
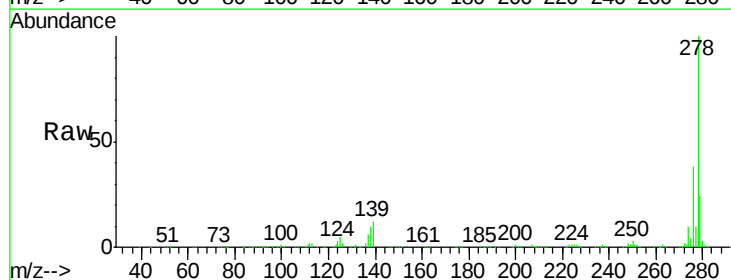
Instrument :
BNA_F
ClientSampleId :

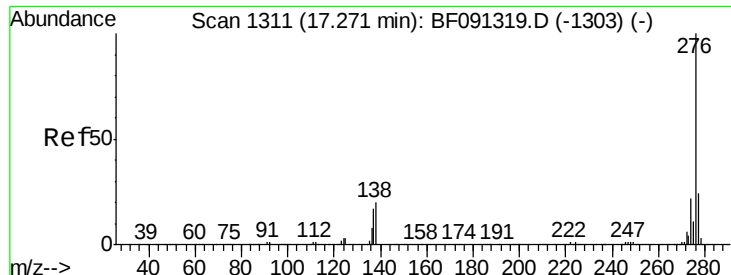
Tot Ion:252 Resp: 730952
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 9.5 10.4 15.6#



#90
Dibenzo(a,h)anthracene
Concen: 40.93 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091343.D
Acq: 30 Nov 2016 10:04

Tgt Ion:278 Resp: 744116
Ion Ratio Lower Upper
278 100
139 12.3 15.1 22.7#
279 23.6 19.0 28.6

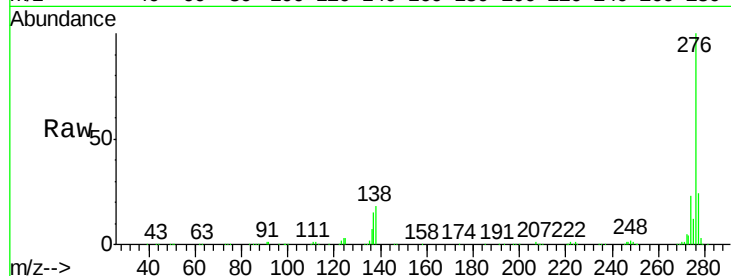




#91
 Benzo(a,h,i)perylene
 Concen: 41.85 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091343.D
 Acq: 30 Nov 2016 10:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	18.0	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

