

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092207.D
 Acq On : 12 Jan 2017 14:48
 Operator : UM/SJ
 Sample : I1029-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 16:07:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	213926	20.00	ng	-0.05
21) Naphthalene-d8	7.89	136	710853	20.00	ng	-0.05
38) Acenaphthene-d10	9.64	164	378573	20.00	ng	-0.05
63) Phenanthrene-d10	11.11	188	613064	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	391198	20.00	ng	-0.05
86) Perylene-d12	15.09	264	341745	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	965528	75.36	ng	-0.03
7) Phenol-d6	6.26	99	1516100	96.92	ng	-0.05
23) Nitrobenzene-d5	7.17	82	979935	76.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	312584	99.77	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1326404	69.42	ng	-0.05
78) Terphenyl-d14	12.70	244	1328797	82.38	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.09	88	175232	27.78	ng	96
3) Pyridine	2.72	79	443098	20.13	ng	98
4) n-Nitrosodimethylamine	2.68	42	223168	26.87	ng	99
6) Aniline	6.25	93	470627	23.16	ng	# 50
8) 2-Chlorophenol	6.39	128	495393	33.99	ng	90
9) Benzaldehyde	6.14	77	35409	2.81	ng	93
10) Phenol	6.28	94	644206	36.14	ng	# 78
11) bis(2-Chloroethyl)ether	6.34	93	496077	34.98	ng	94
12) 1,3-Dichlorobenzene	6.54	146	497152	31.96	ng	99
13) 1,4-Dichlorobenzene	6.61	146	497213	31.40	ng	98
14) 1,2-Dichlorobenzene	6.77	146	481762	35.06	ng	98
15) Benzyl Alcohol	6.76	79	400688	32.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	720584	34.12	ng	69
17) 2-Methylphenol	6.88	107	398696	34.02	ng	# 92
18) Hexachloroethane	7.11	117	188429	32.10	ng	90
19) n-Nitroso-di-n-propylamine	7.03	70	404606	38.88	ng	# 87
20) 3+4-Methylphenols	7.04	107	558209	39.93	ng	# 70
22) Acetophenone	7.02	105	766173	43.70	ng	# 89
24) Nitrobenzene	7.19	77	560021	41.13	ng	# 87
25) Isophorone	7.43	82	796246	33.76	ng	96
26) 2-Nitrophenol	7.51	139	227940	33.95	ng	# 85
27) 2,4-Dimethylphenol	7.57	122	375116	33.68	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	502922	35.16	ng	99
29) 2,4-Dichlorophenol	7.76	162	343020	36.37	ng	95
30) 1,2,4-Trichlorobenzene	7.83	180	351422	34.01	ng	96
31) Naphthalene	7.90	128	1103757	33.93	ng	99
32) Benzoic acid	7.70	122	149318	18.08	ng	98
33) 4-Chloroaniline	7.97	127	395714	26.97	ng	96
34) Hexachlorobutadiene	8.02	225	177099	32.47	ng	99
35) Caprolactam	8.33	113	103988	33.56	ng	# 58
36) 4-Chloro-3-methylphenol	8.47	107	369984	34.10	ng	99
37) 2-Methylnaphthalene	8.60	142	751064	35.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	335389	35.07	ng	100
40) Hexachlorocyclopentadiene	8.76	237	202358	49.12	ng	99

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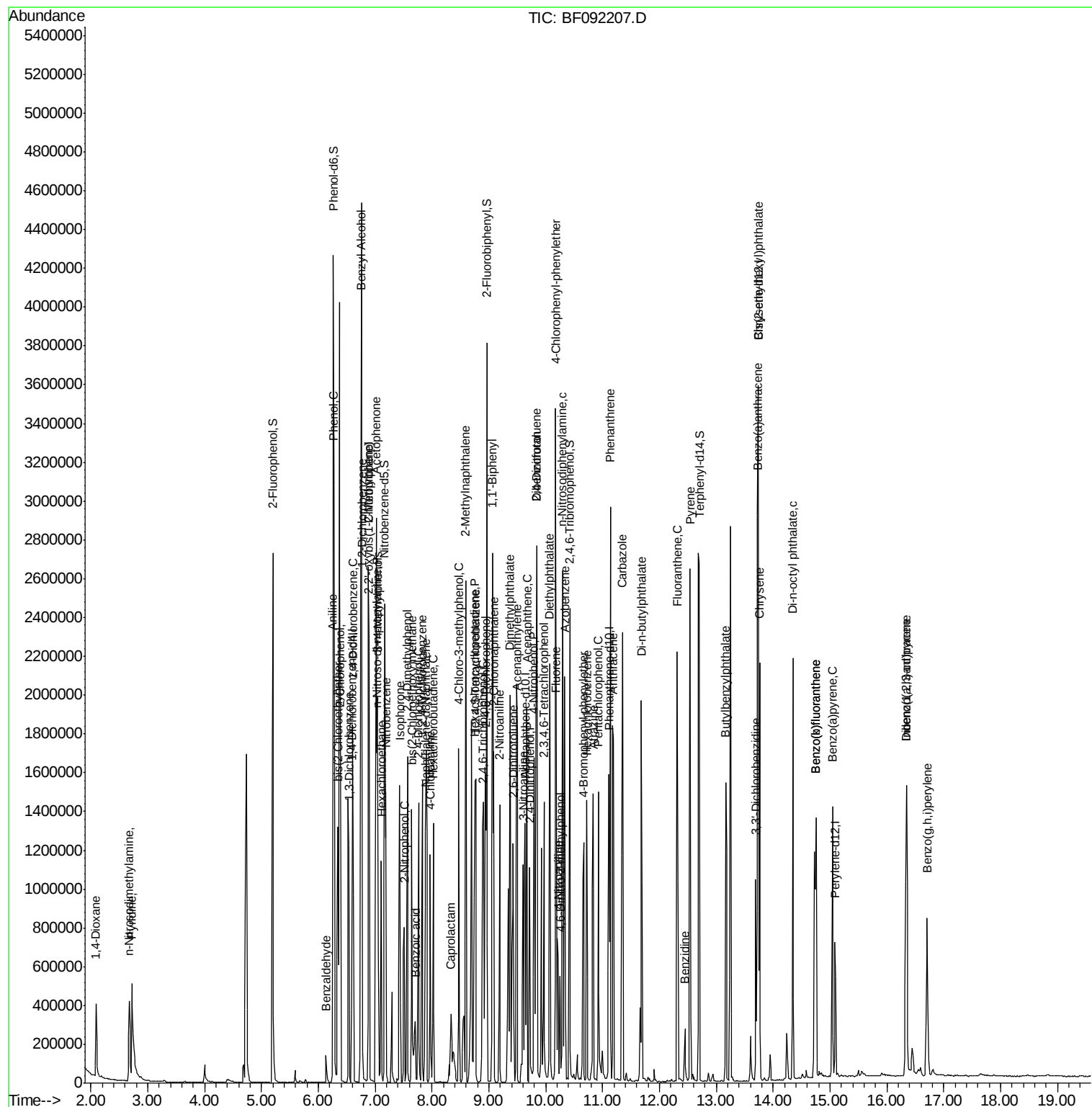
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	218068	32.60	nq	98
43) 2,4,5-Trichlorophenol	8.94	196	228421	33.18	nq	# 90
45) 1,1'-Biphenyl	9.06	154	966499	37.29	nq	98
46) 2-Chloronaphthalene	9.09	162	724351	35.29	nq	97
47) 2-Nitroaniline	9.19	65	250309	34.25	nq	92
48) Acenaphthylene	9.50	152	1100289	34.85	nq	97
49) Dimethylphthalate	9.37	163	945797	39.06	nq	99
50) 2,6-Dinitrotoluene	9.43	165	171990	32.45	nq	# 68
51) Acenaphthene	9.67	154	677664	31.66	nq	99
52) 3-Nitroaniline	9.60	138	188796	28.79	nq	88
53) 2,4-Dinitrophenol	9.72	184	152847	51.83	nq	# 69
54) Dibenzofuran	9.84	168	940244	32.53	nq	96
55) 4-Nitrophenol	9.80	139	246454	55.34	nq	99
56) 2,4-Dinitrotoluene	9.84	165	250733	37.69	nq	90
57) Fluorene	10.18	166	722664	34.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	190146	34.92	nq	99
59) Diethylphthalate	10.07	149	816727	34.73	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	302105	32.81	nq	100
61) 4-Nitroaniline	10.22	138	212778	31.31	nq	83
62) Azobenzene	10.33	77	907979	35.07	nq	98
64) 4,6-Dinitro-2-methylphenol	10.25	198	128399	34.64	nq	96
65) n-Nitrosodiphenylamine	10.30	169	672332	36.96	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	223295	35.01	nq	# 83
67) Hexachlorobenzene	10.72	284	213953	31.39	nq	# 77
68) Atrazine	10.84	200	231148	39.39	nq	97
69) Pentachlorophenol	10.93	266	192920	57.68	nq	99
70) Phenanthrene	11.13	178	1073689	32.30	nq	99
71) Anthracene	11.19	178	1137118	36.09	nq	97
72) Carbazole	11.35	167	1089054	36.79	nq	98
73) Di-n-butylphthalate	11.68	149	1224616	38.26	nq	99
74) Fluoranthene	12.31	202	1056096	35.40	nq	99
76) Benzidine	12.45	184	103143	6.99	nq	97
77) Pyrene	12.54	202	1047662	36.50	nq	99
79) Butylbenzylphthalate	13.17	149	506019	38.76	nq	94
80) Benzo(a)anthracene	13.73	228	784141	35.51	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	223619	26.71	nq	97
82) Chrysene	13.76	228	644311	29.09	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	667217	43.40	nq	# 98
84) Di-n-octyl phthalate	14.35	149	1017772	35.74	nq	99
85) Indeno(1,2,3-cd)pyrene	16.35	276	700026	36.48	nq	99
87) Benzo(b)fluoranthene	14.76	252	1344794	63.20	nq	# 94
88) Benzo(k)fluoranthene	14.76	252	1344794	74.12	nq	# 95
89) Benzo(a)pyrene	15.04	252	635341	33.64	nq	97
90) Dibenzo(a,h)anthracene	16.35	278	575205	37.06	nq	98
91) Benzo(g,h,i)perylene	16.71	276	609059	37.74	nq	97

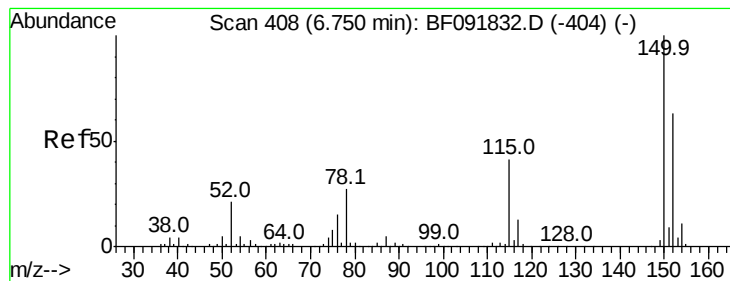
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

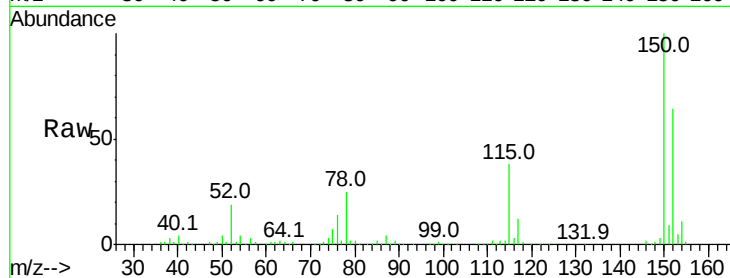
Tot Ion:152 Resp: 213926

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

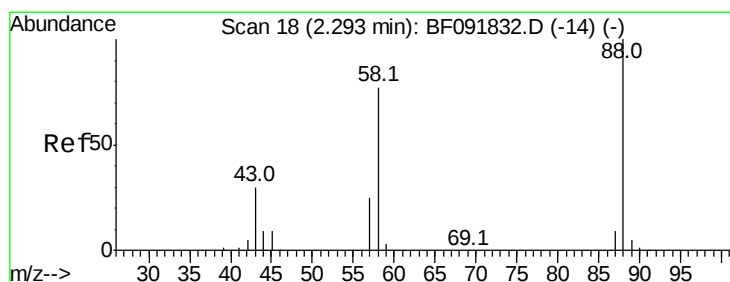
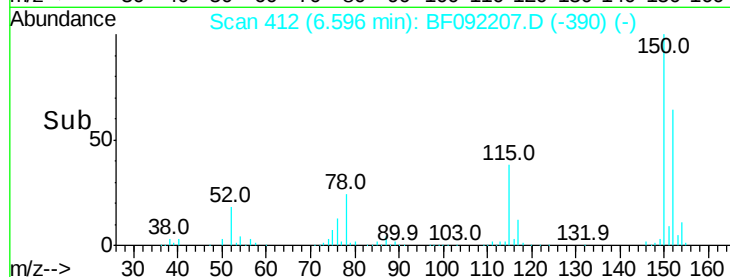
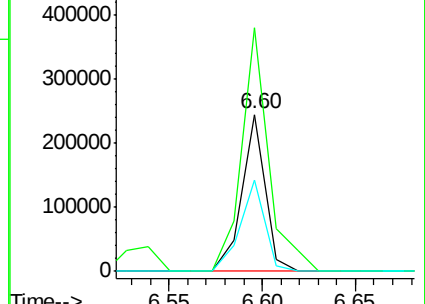
115 58.7 46.0 69.0



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: 27.78 ng

RT: 2.09 min Scan# 18

Delta R.T. 0.01 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

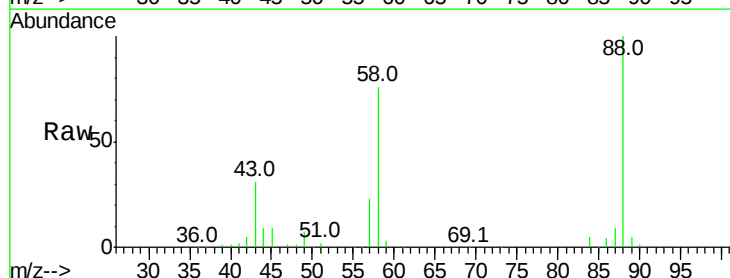
Tgt Ion: 88 Resp: 175232

Ion Ratio Lower Upper

88 100

58 76.1 57.8 86.8

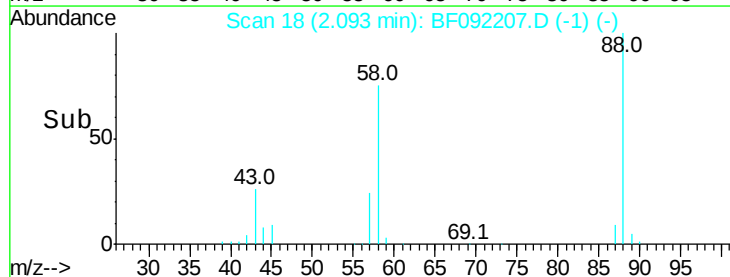
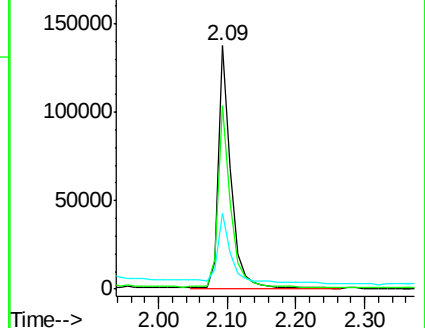
43 28.7 22.3 33.5

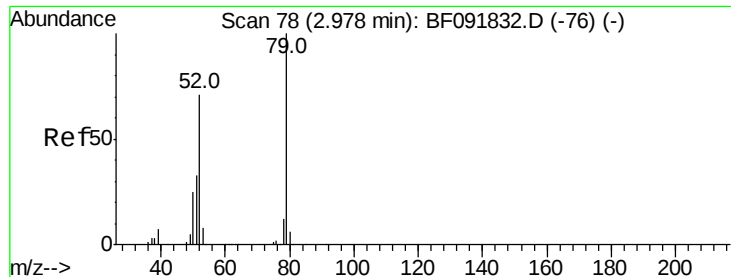


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 20.13 ng

RT: 2.72 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

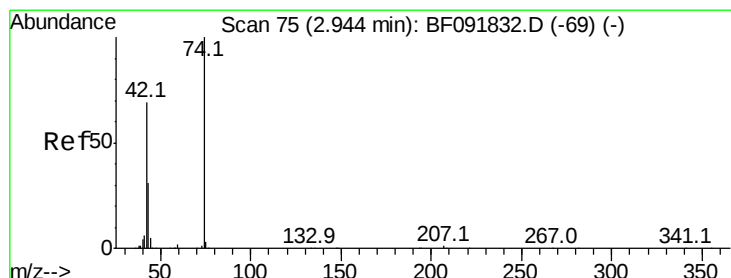
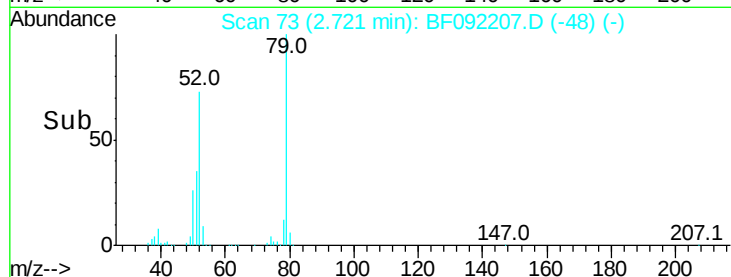
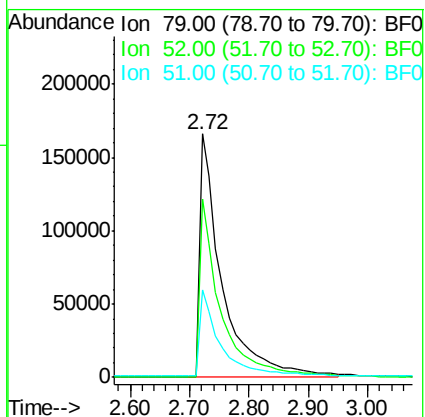
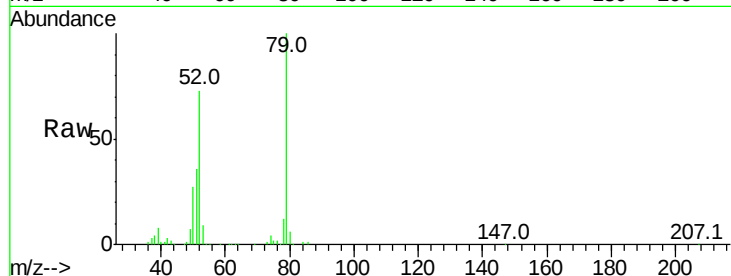
Tot Ion: 79 Resp: 443098

Ion Ratio Lower Upper

79 100

52 73.1 57.1 85.7

51 36.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 26.87 ng

RT: 2.68 min Scan# 69

Delta R.T. -0.01 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

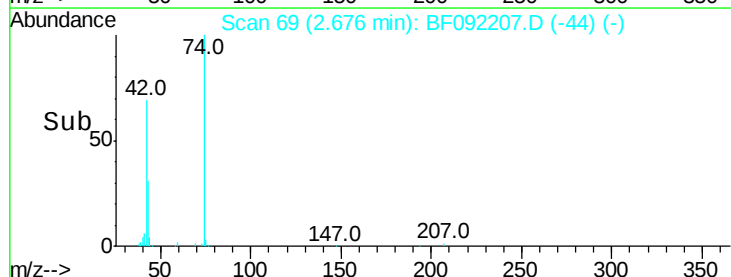
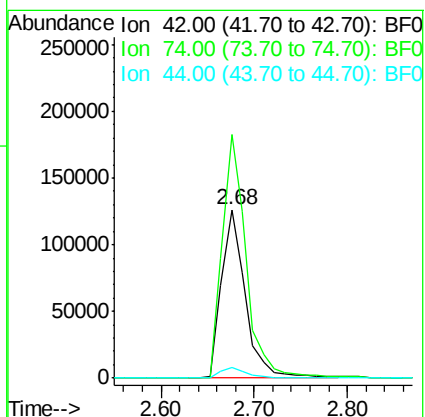
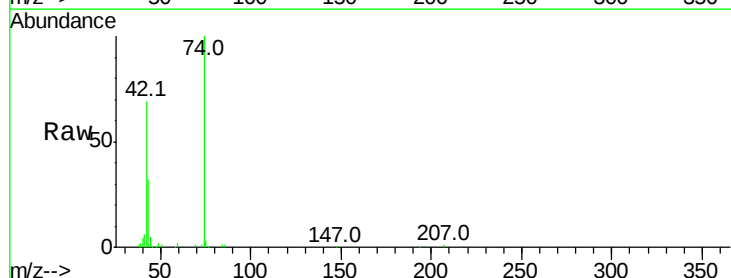
Tgt Ion: 42 Resp: 223168

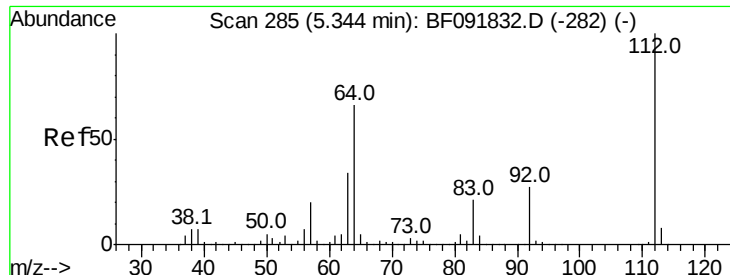
Ion Ratio Lower Upper

42 100

74 144.7 117.0 175.4

44 6.6 5.5 8.3





#5

2-Fluorophenol

Concen: 75.36 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

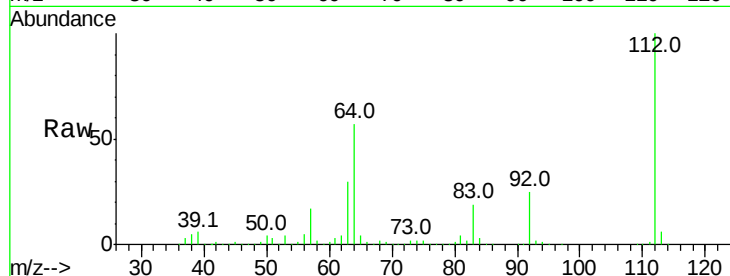
Tot Ion:112 Resp: 965528

Ion Ratio Lower Upper

112 100

64 57.5 46.1 69.1

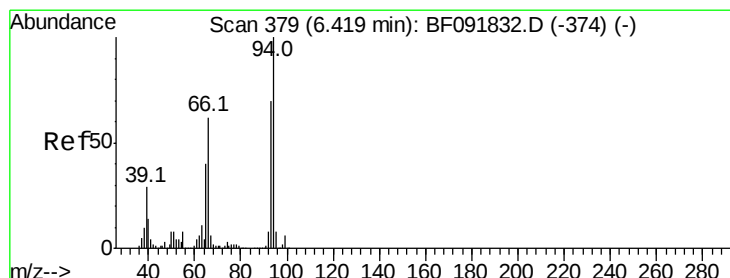
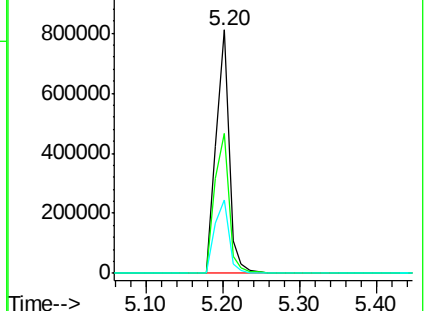
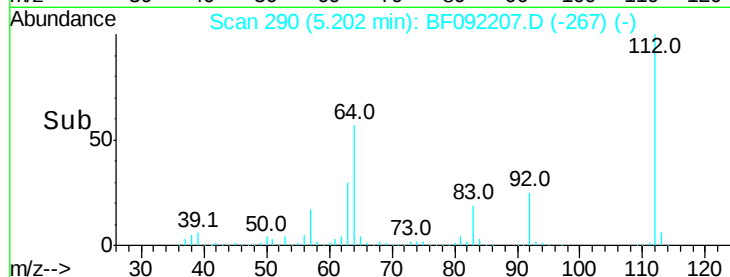
63 30.1 23.8 35.6



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: 23.16 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.06 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

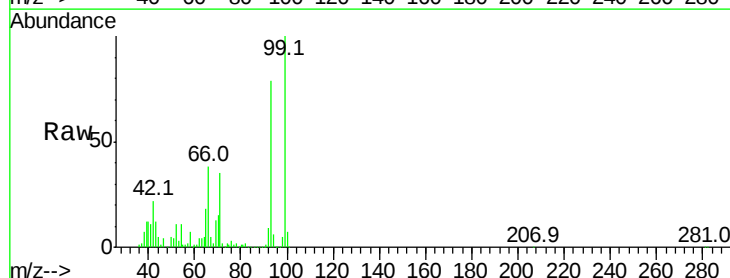
Tgt Ion: 93 Resp: 470627

Ion Ratio Lower Upper

93 100

66 47.7 76.2 114.2#

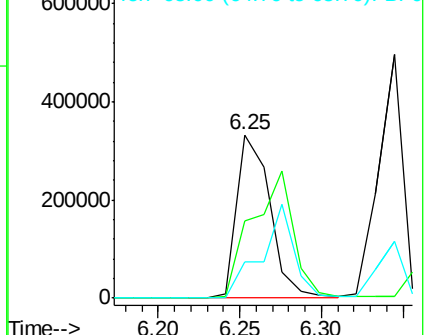
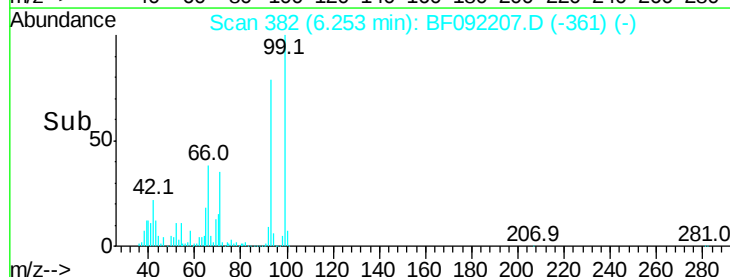
65 22.4 49.3 73.9#

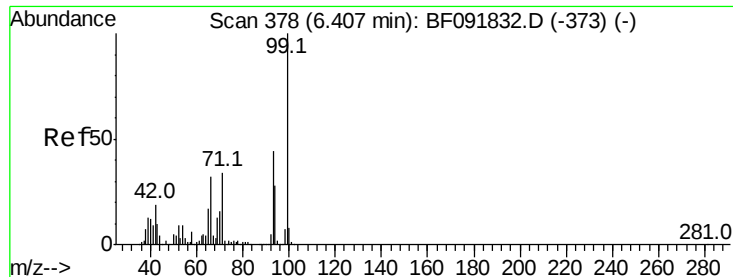


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.92 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

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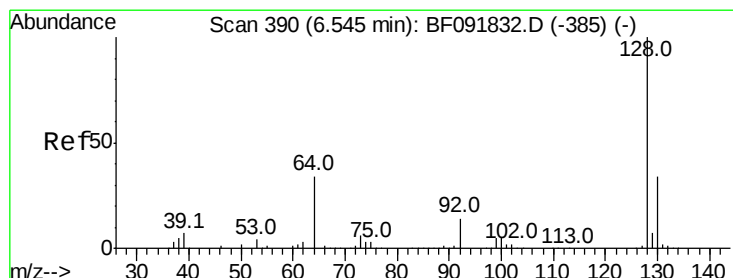
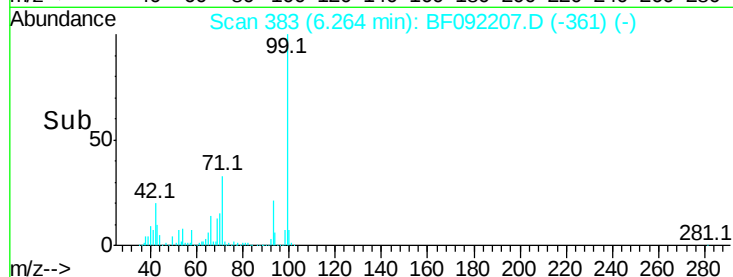
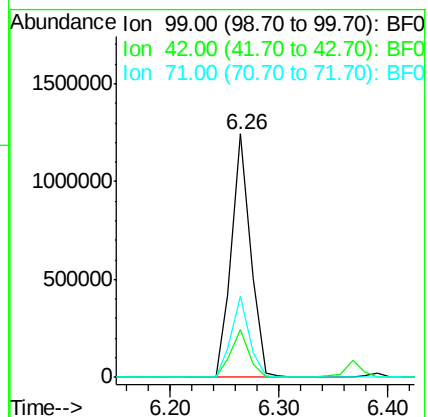
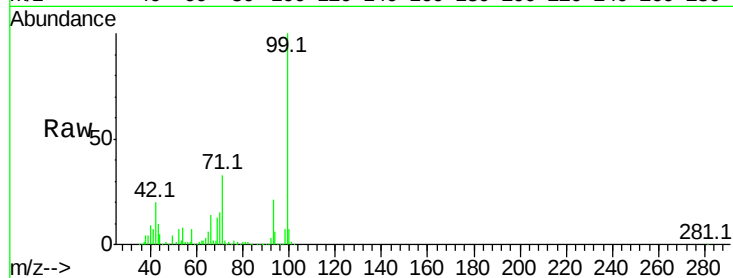
Tot Ion: 99 Resp: 1516100

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 33.0 27.5 41.3



#8

2-Chlorophenol

Concen: 33.99 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

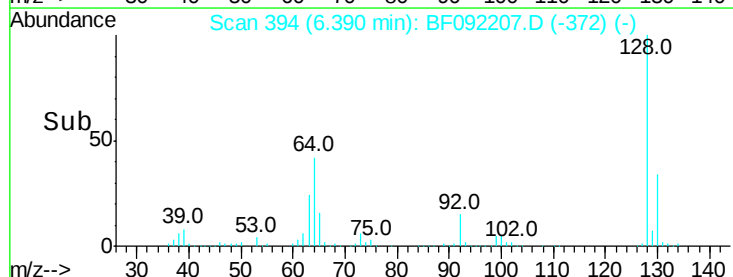
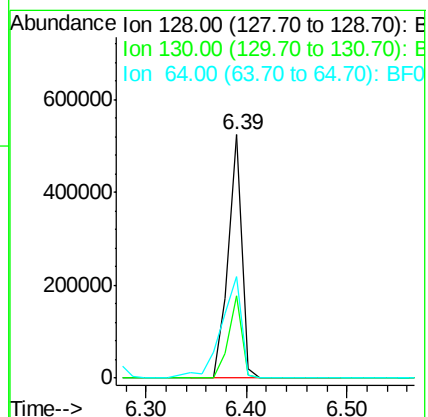
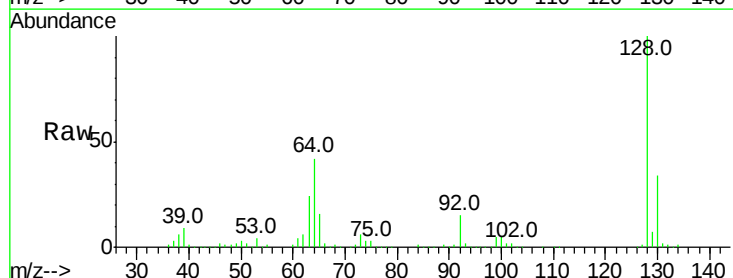
Tgt Ion: 128 Resp: 495393

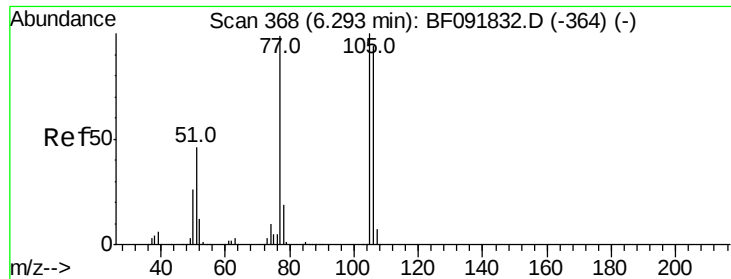
Ion Ratio Lower Upper

128 100

130 33.8 12.3 52.3

64 41.6 32.2 72.2





#9

Benzaldehyde

Concen: 2.81 ng

RT: 6.14 min Scan# 372

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

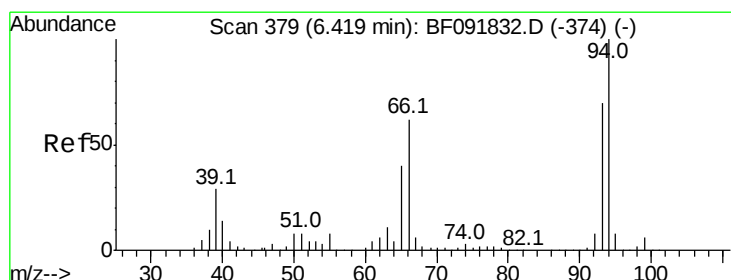
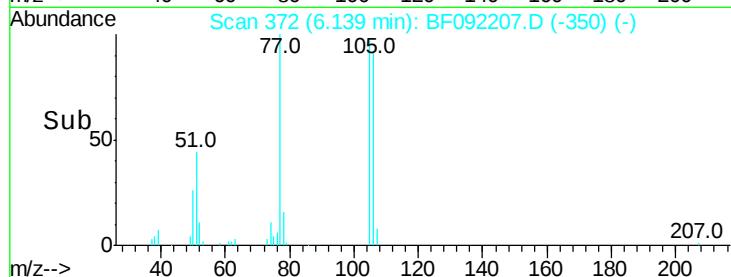
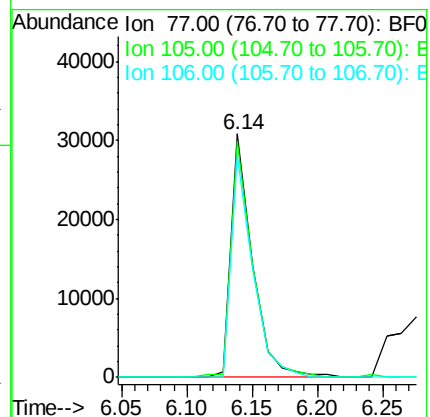
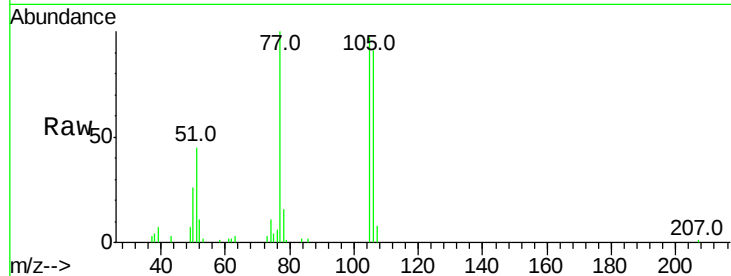
Tot Ion: 77 Resp: 35409

Ion Ratio Lower Upper

77 100

105 97.0 83.9 123.9

106 91.3 77.6 117.6



#10

Phenol

Concen: 36.14 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

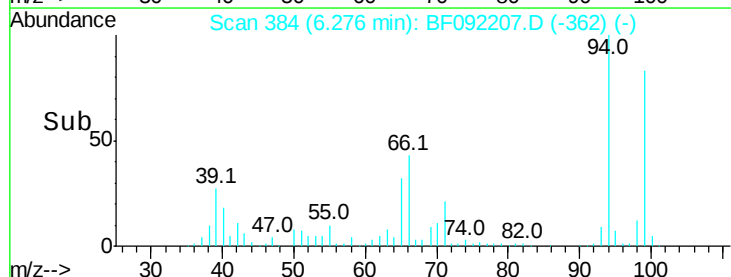
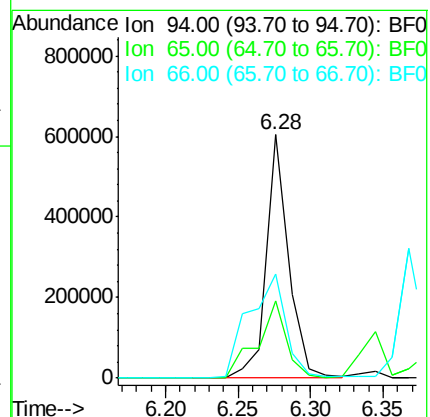
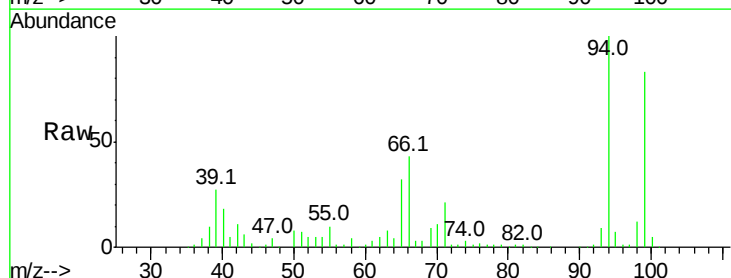
Tgt Ion: 94 Resp: 644206

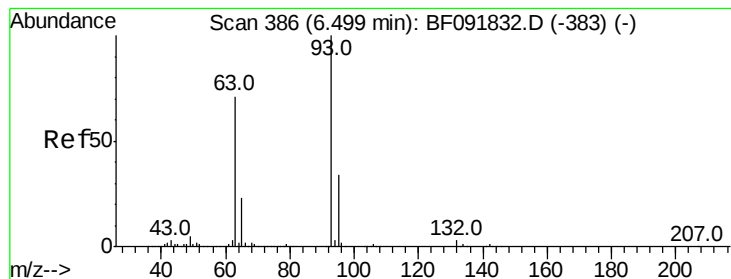
Ion Ratio Lower Upper

94 100

65 31.6 21.4 61.4

66 43.0 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 34.98 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

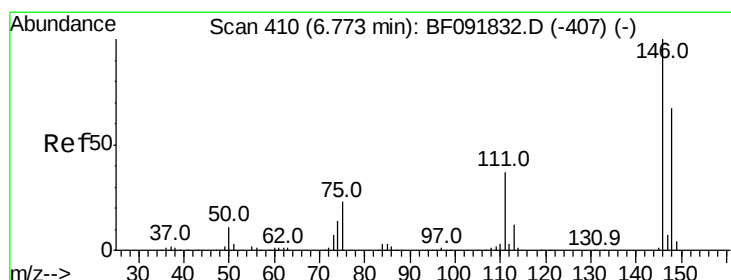
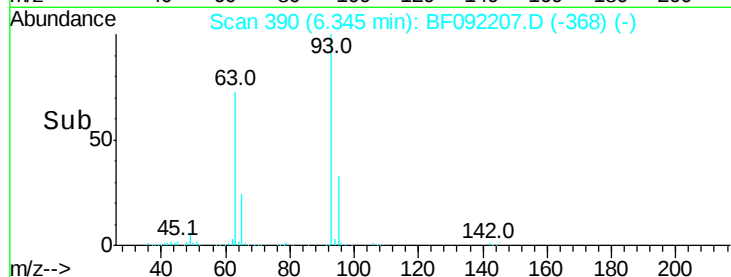
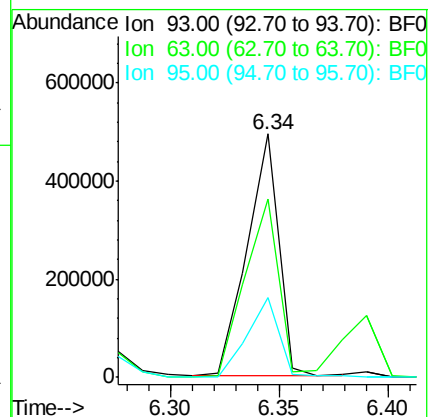
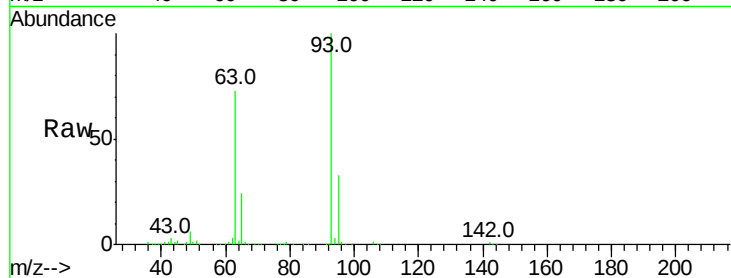
Tot Ion: 93 Resp: 496077

Ion Ratio Lower Upper

93 100

63 73.4 60.4 100.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 31.96 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

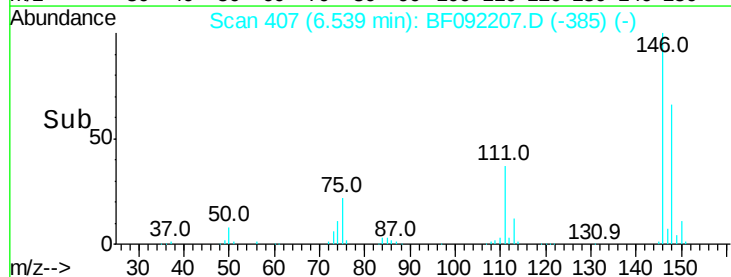
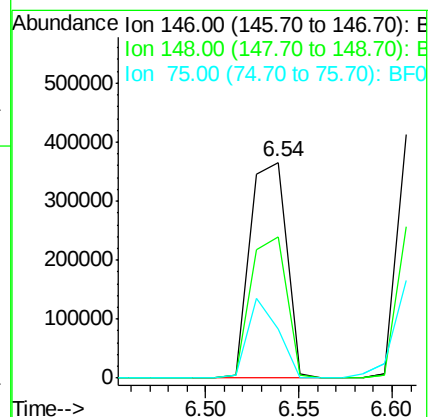
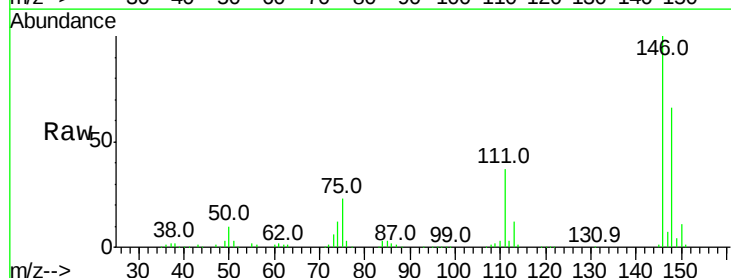
Tgt Ion: 146 Resp: 497152

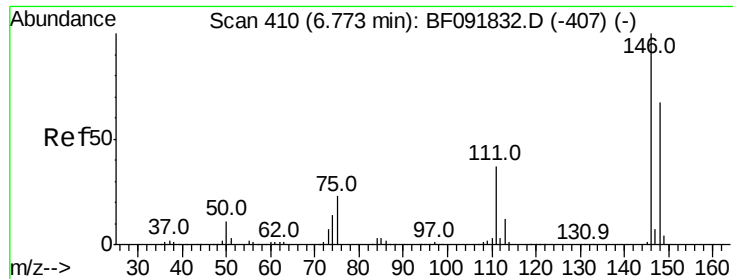
Ion Ratio Lower Upper

146 100

148 65.8 53.4 80.0

75 22.5 18.5 27.7

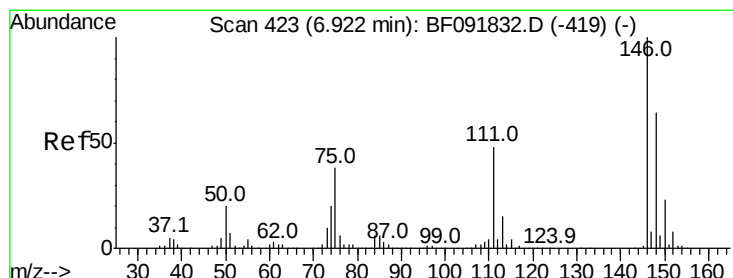
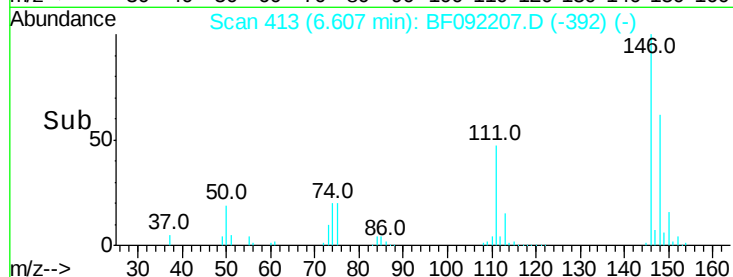
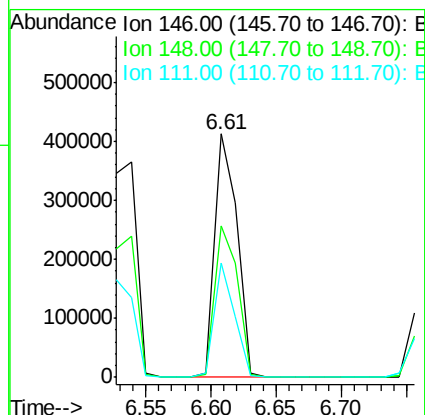
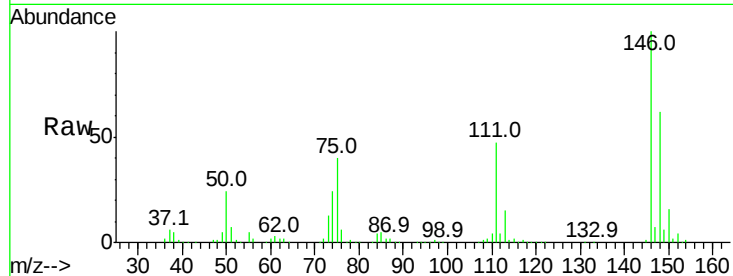




#13
 1,4-Dichlorobenzene
 Concen: 31.40 ng
 RT: 6.61 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

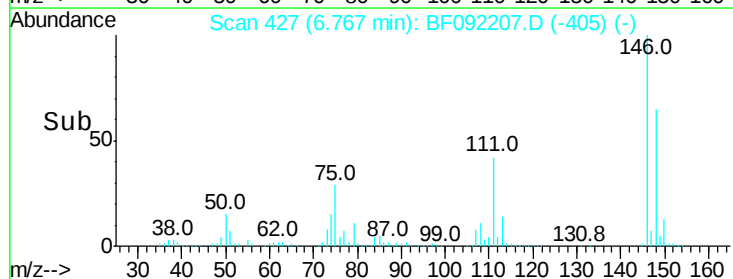
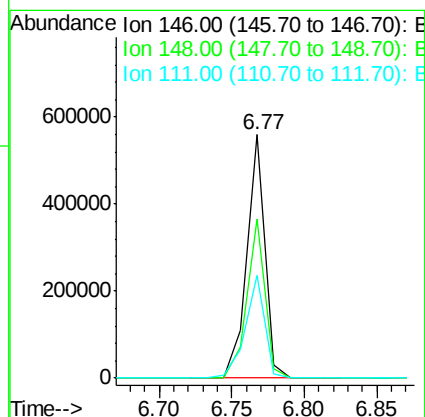
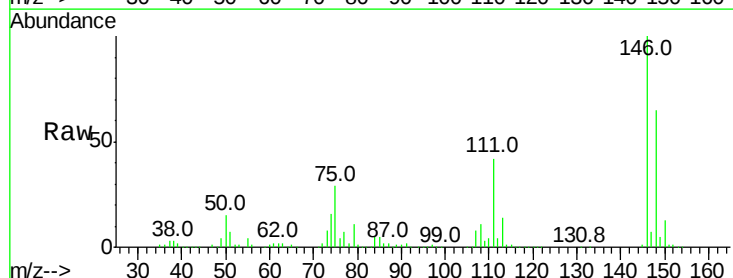
Instrument :
 BNA_F
 ClientSampleId :

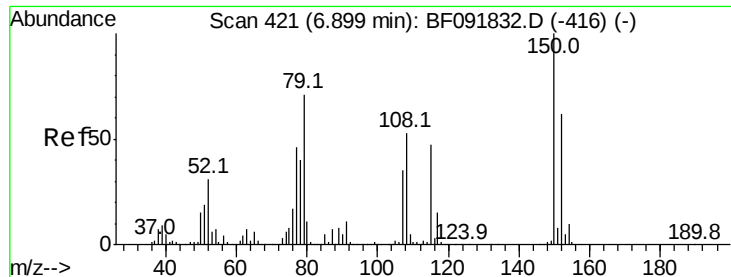
Tot Ion:146 Resp: 497213
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 76.0
 111 47.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 35.06 ng
 RT: 6.77 min Scan# 427
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion:146 Resp: 481762
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 42.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 32.97 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

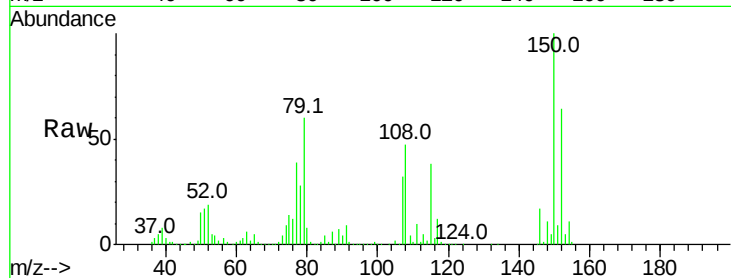
Tot Ion: 79 Resp: 400688

Ion Ratio Lower Upper

79 100

108 77.8 61.4 92.0

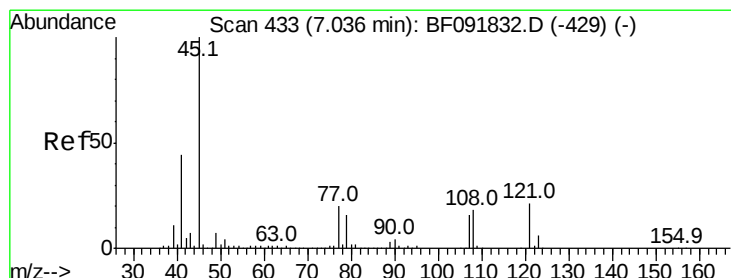
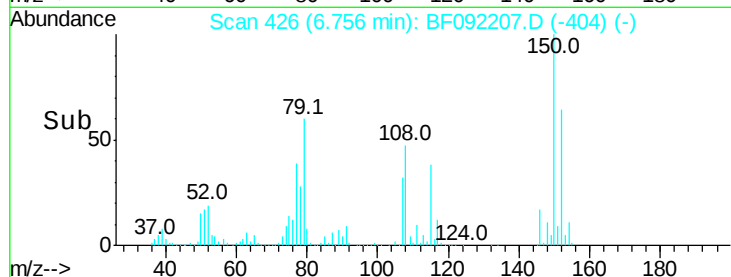
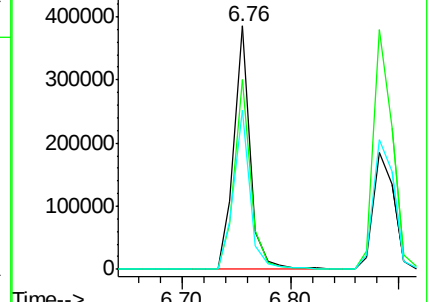
77 65.2 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.12 ng

RT: 6.89 min Scan# 438

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

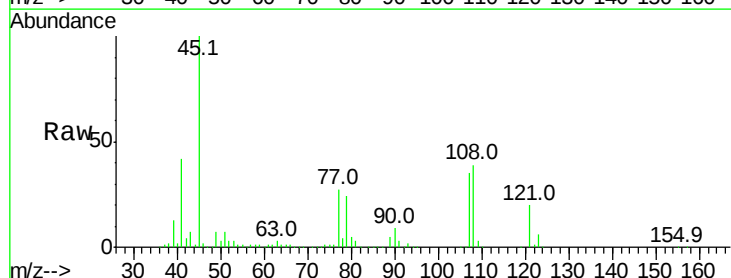
Tgt Ion: 45 Resp: 720584

Ion Ratio Lower Upper

45 100

77 27.0 0.0 34.6

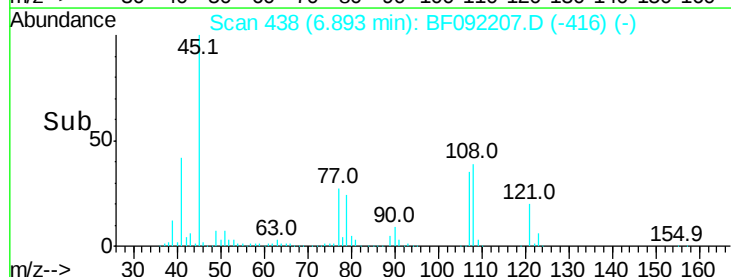
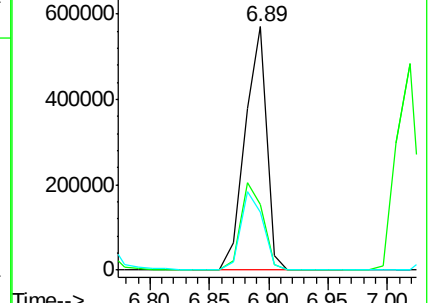
79 23.6 0.0 31.2

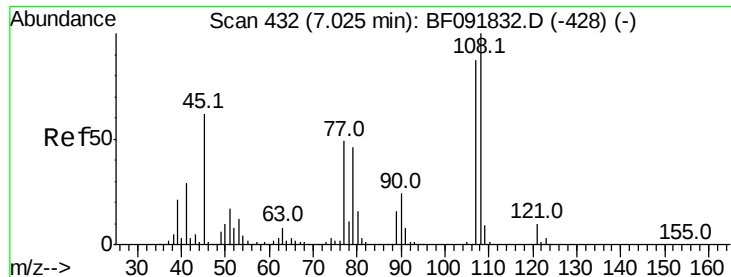


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 34.02 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 398696

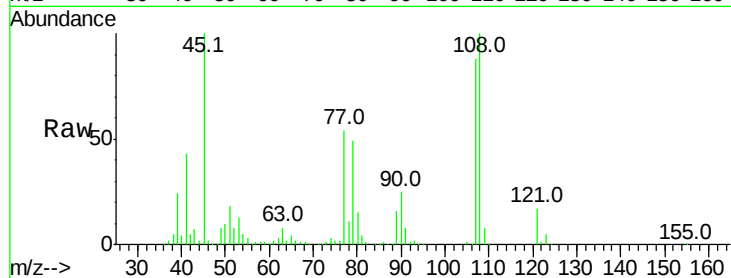
Ion Ratio Lower Upper

107 100

108 113.5 93.0 139.6

77 61.5 39.8 59.8#

79 55.2 38.0 57.0

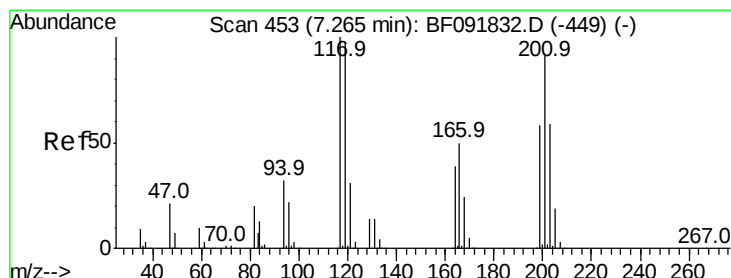
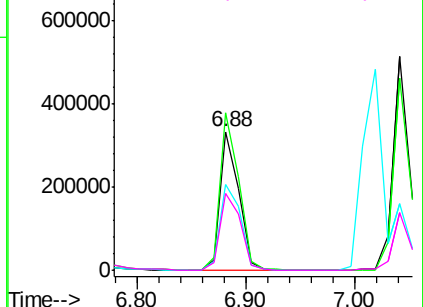
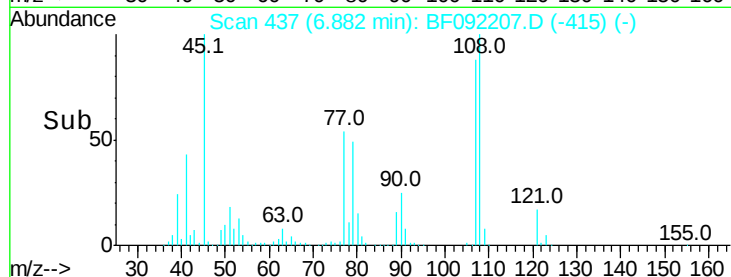


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.10 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

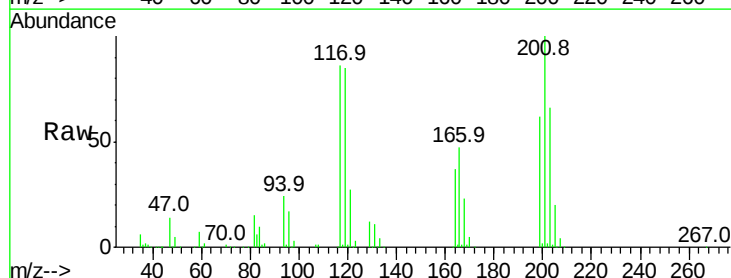
Tgt Ion:117 Resp: 188429

Ion Ratio Lower Upper

117 100

119 98.9 78.1 117.1

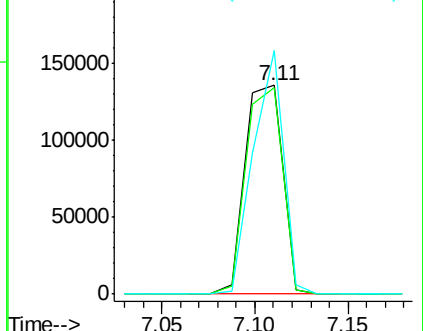
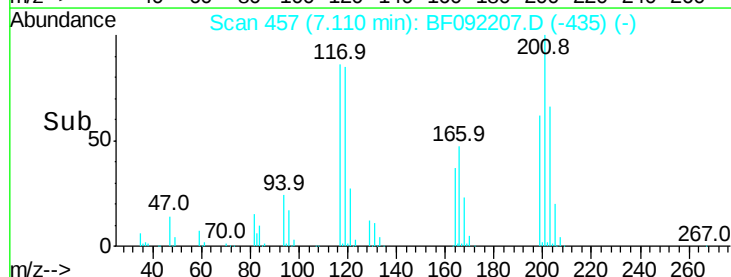
201 116.7 78.6 117.8

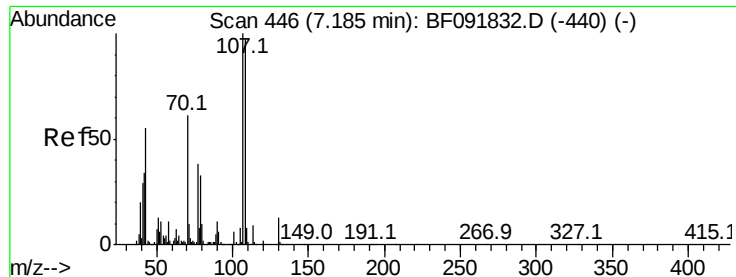


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

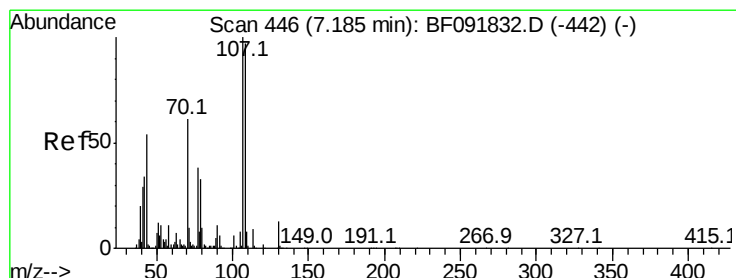
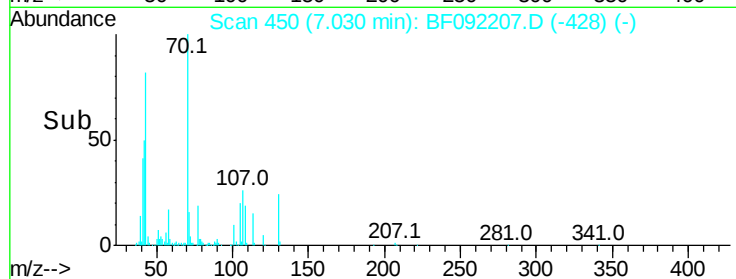
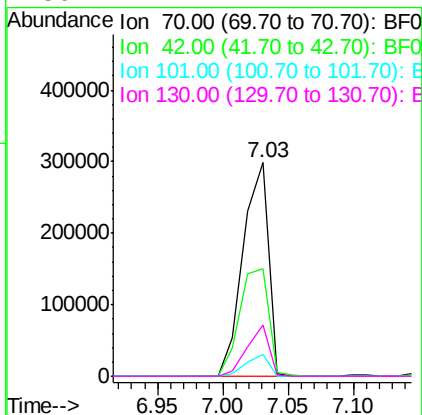
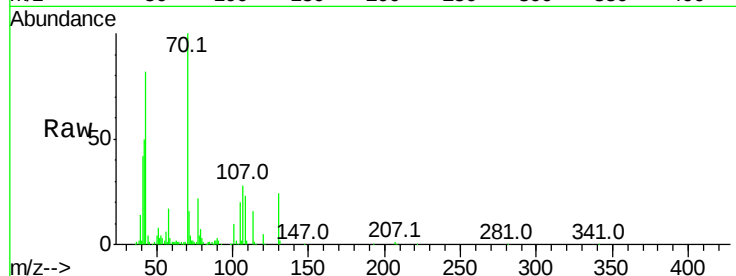




#19
n-Nitroso-di-n-propylamine
Concen: 38.88 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

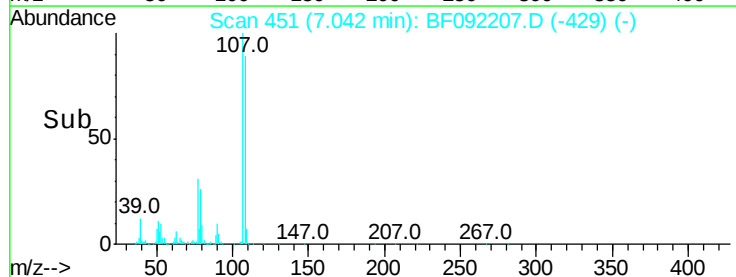
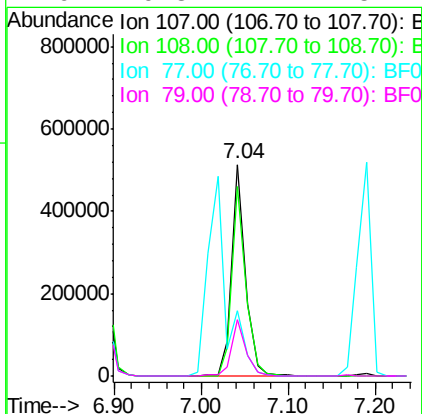
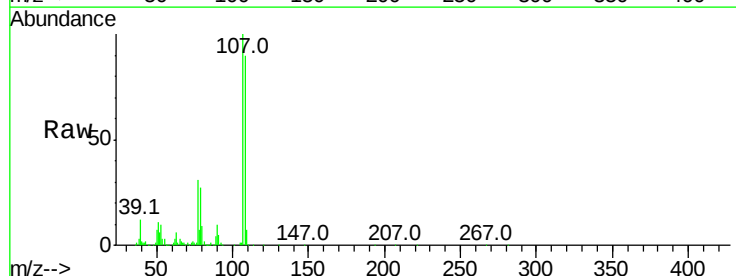
Instrument :
BNA_F
ClientSampleId :

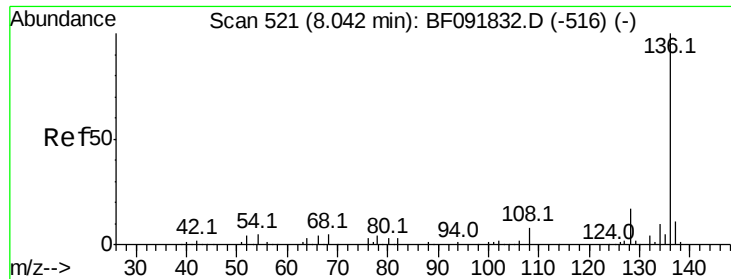
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.4	74.0
101	10.1	7.4	11.2
130	24.1	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.93 ng
RT: 7.04 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	73.0	113.0
77	31.1	71.3	111.3
79	26.8	11.1	51.1

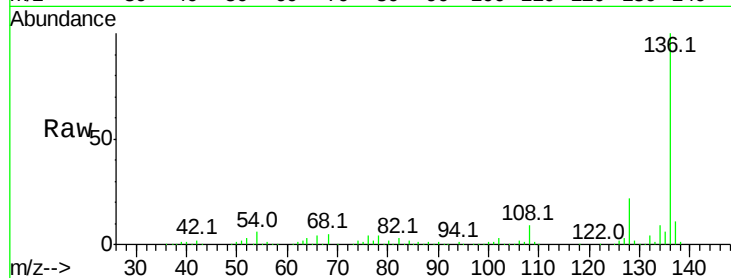




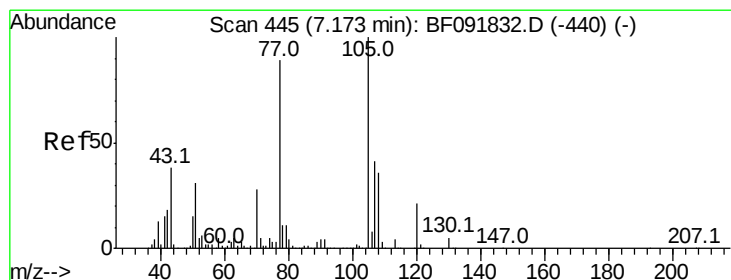
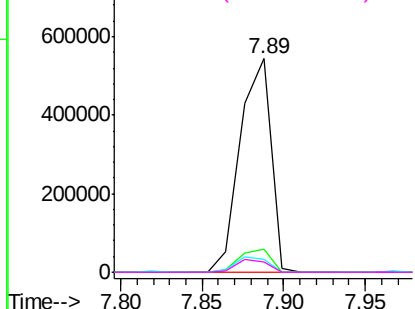
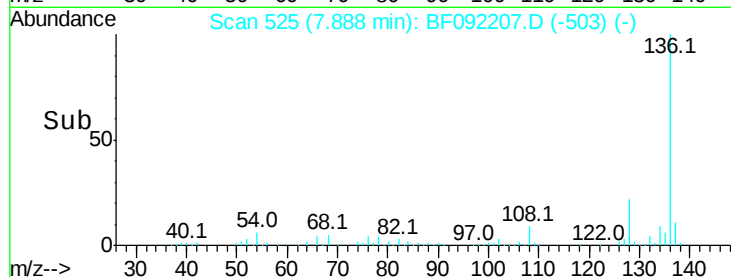
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 710853
Ion Ratio	Lower Upper
136 100	
137 11.0	8.4 12.6
54 5.8	4.5 6.7
68 4.8	3.6 5.4

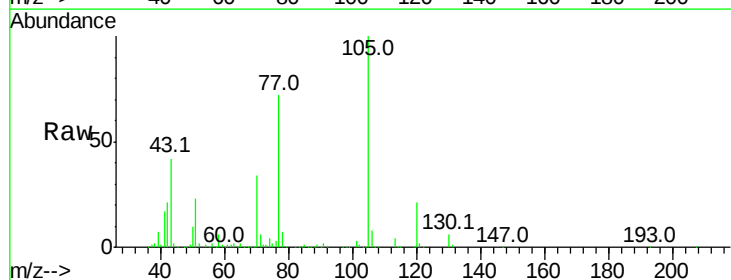


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

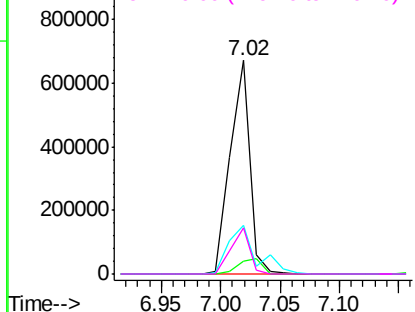
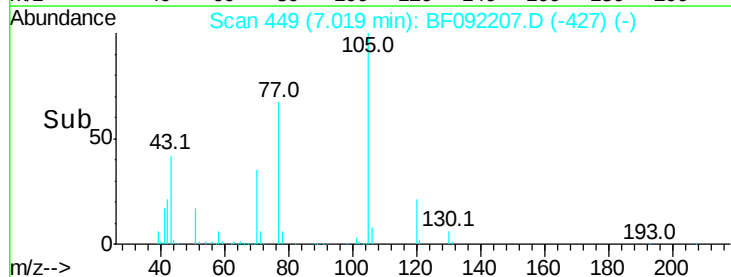


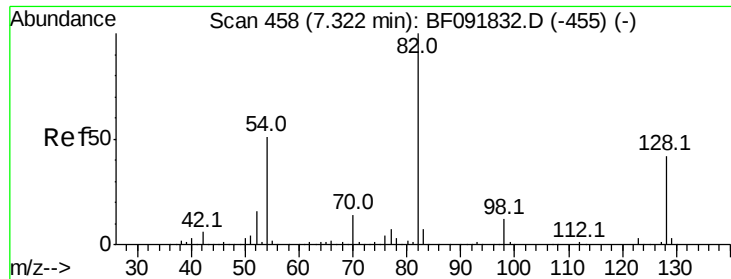
#22
Acetophenone
Concen: 43.70 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt	Ion:105	Resp:	766173
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.2	4.8#
51	23.1	26.2	39.4#
120	21.4	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

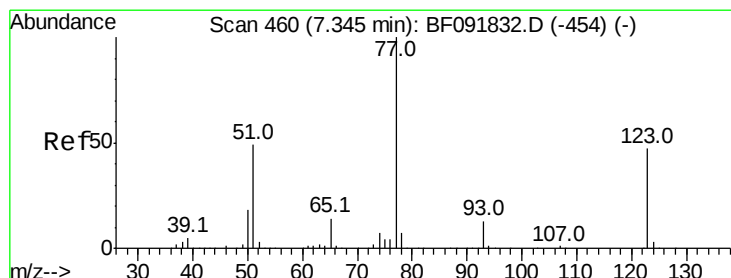
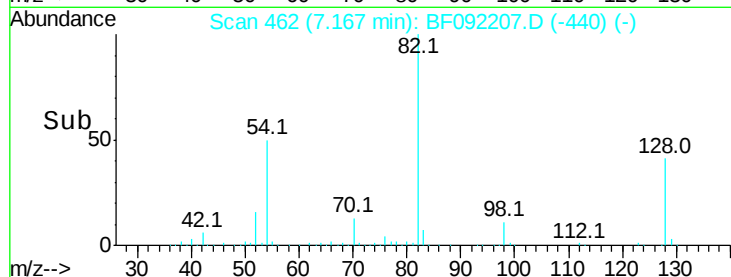
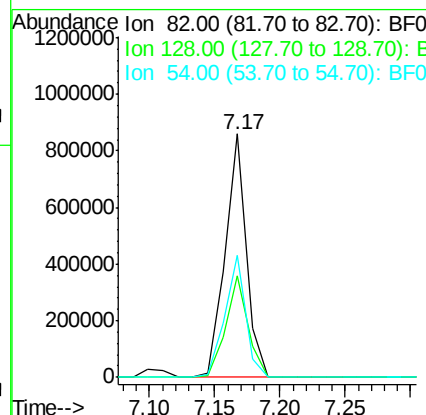
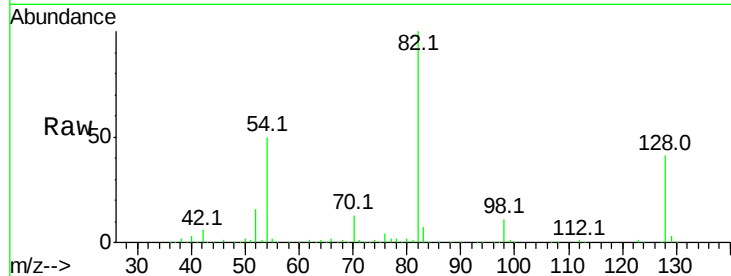




#23
 Nitrobenzene-d5
 Concen: 76.65 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

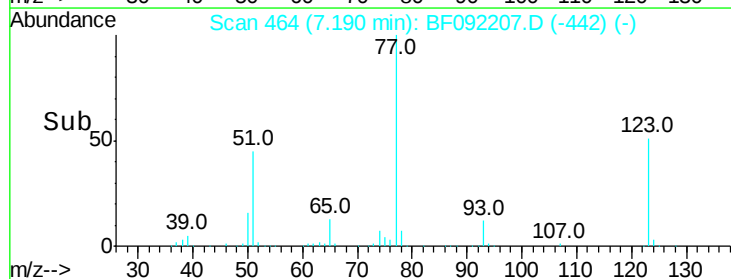
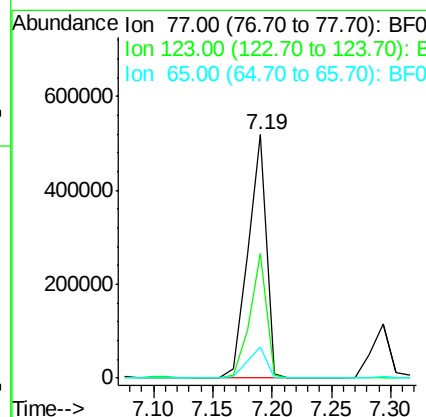
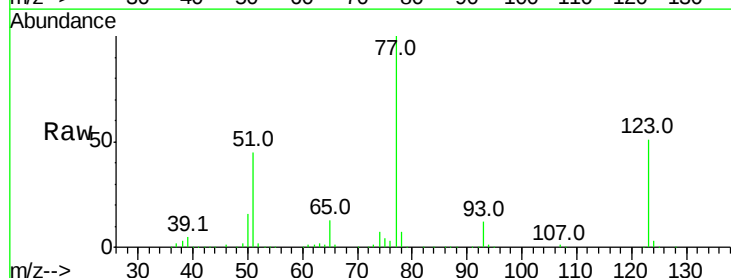
Instrument :
 BNA_F
 ClientSampleId :

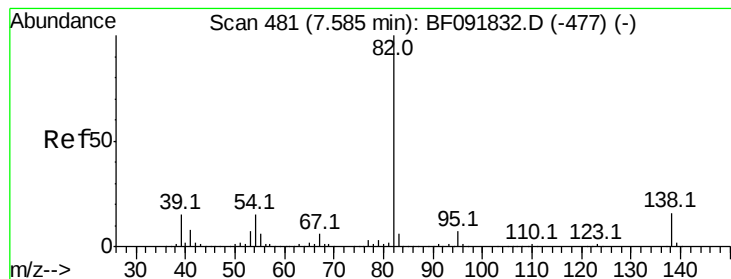
Tot Ion	82	Resp	979935
Ion Ratio	100	Lower	Upper
128	41.5	34.6	52.0
54	50.2	39.5	59.3



#24
 Nitrobenzene
 Concen: 41.13 ng
 RT: 7.19 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion	77	Resp	560021
Ion Ratio	100	Lower	Upper
123	51.3	33.0	49.4#
65	12.9	11.2	16.8





#25

Isophorone

Concen: 33.76 ng

RT: 7.43 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

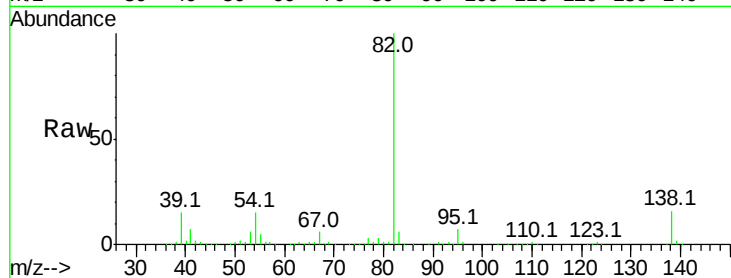
Tot Ion: 82 Resp: 796246

Ion Ratio Lower Upper

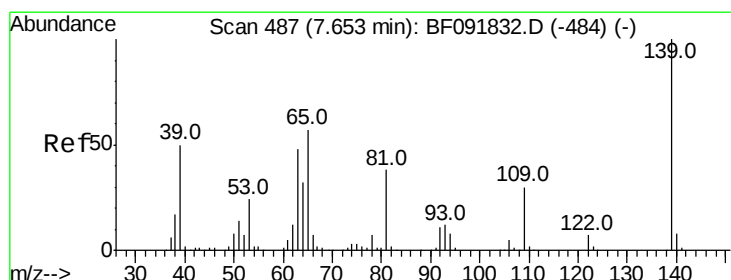
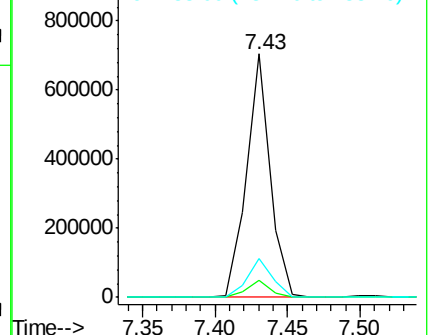
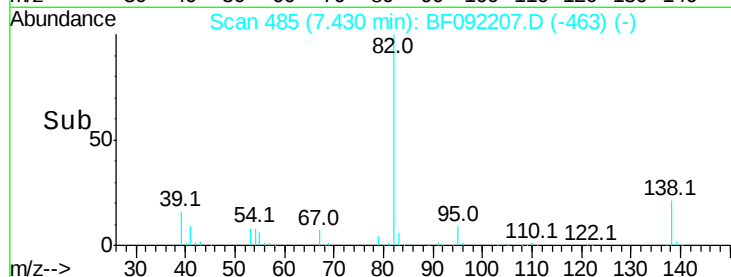
82 100

95 6.8 5.6 8.4

138 16.0 14.6 22.0



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: 33.95 ng

RT: 7.51 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

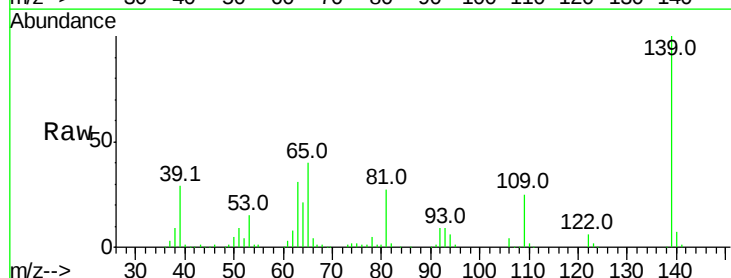
Tgt Ion: 139 Resp: 227940

Ion Ratio Lower Upper

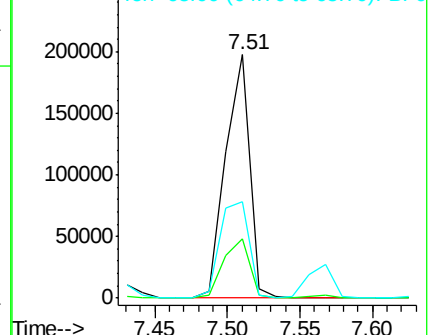
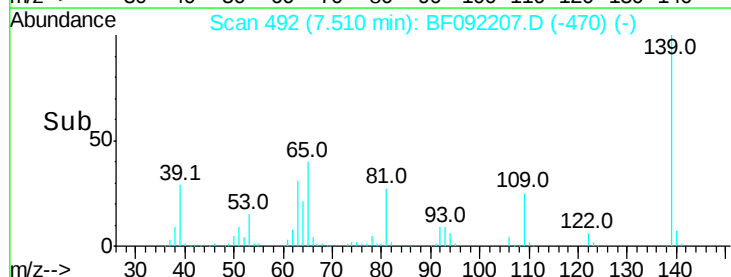
139 100

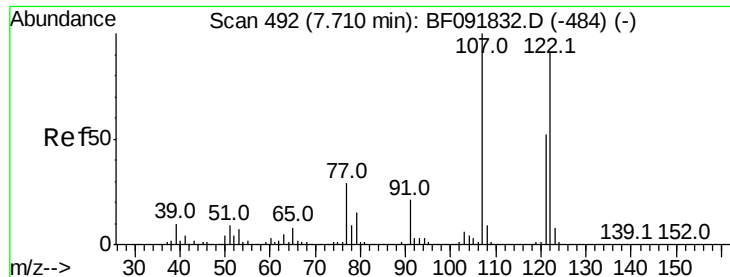
109 24.6 23.3 34.9

65 39.8 42.7 64.1#



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

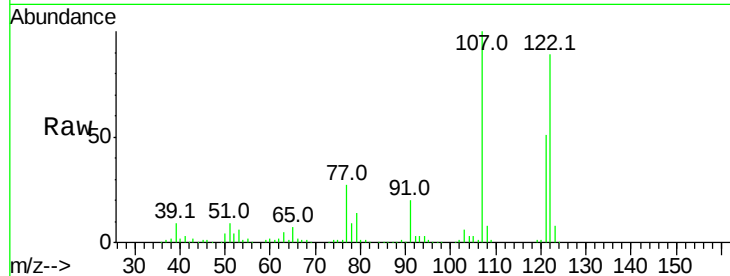




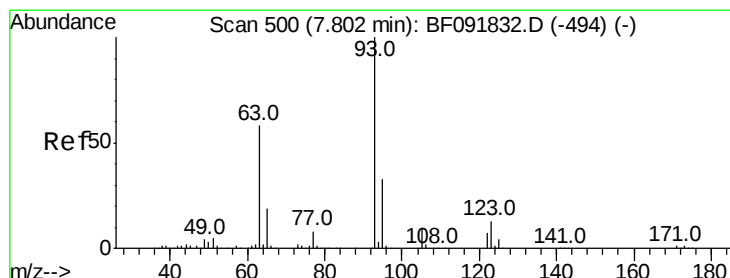
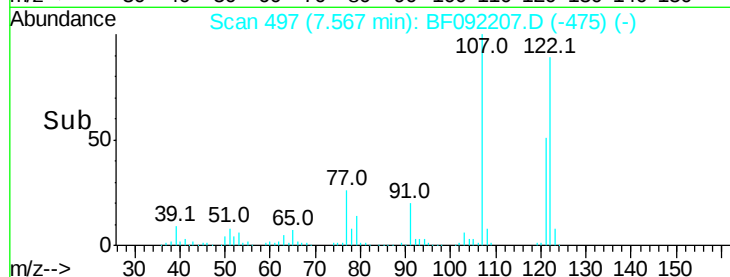
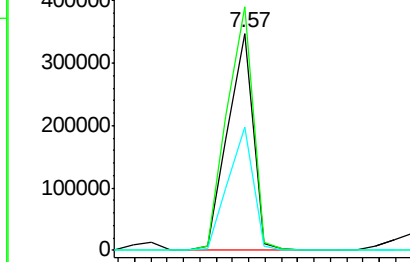
#27
2,4-Dimethylphenol
Concen: 33.68 ng
RT: 7.57 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 375116
Ion Ratio Lower Upper
122 100
107 112.3 94.1 141.1
121 57.2 46.0 69.0

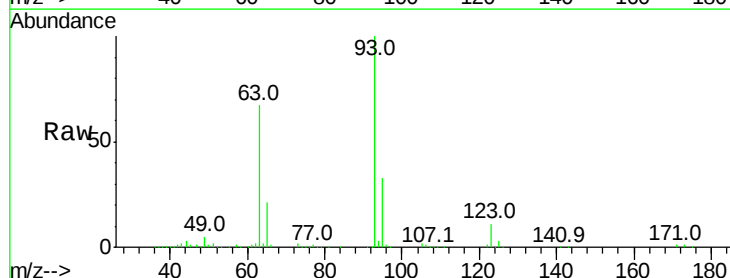


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

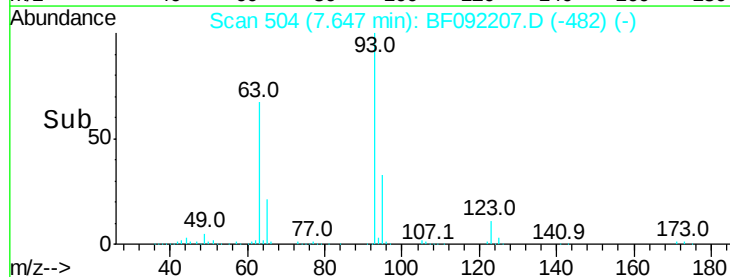
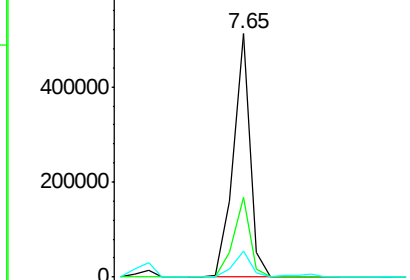


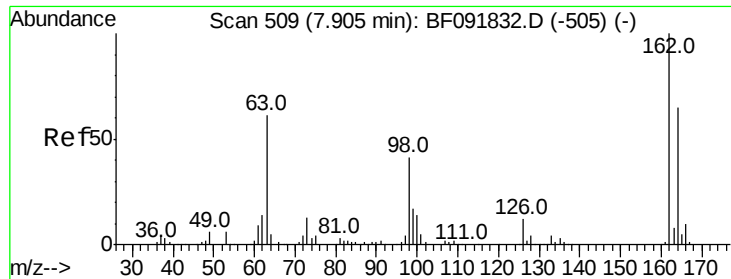
#28
bis(2-Chloroethoxy)methane
Concen: 35.16 ng
RT: 7.65 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion: 93 Resp: 502922
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 10.8 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

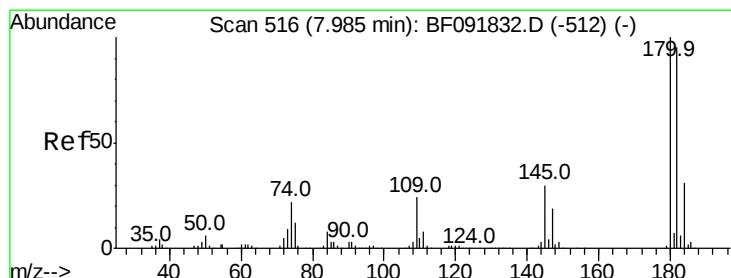
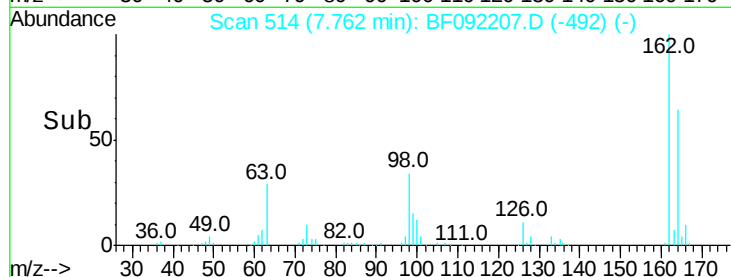
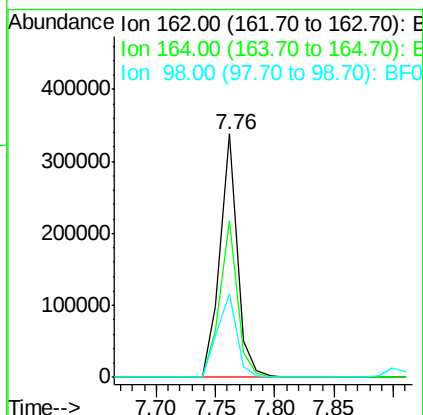
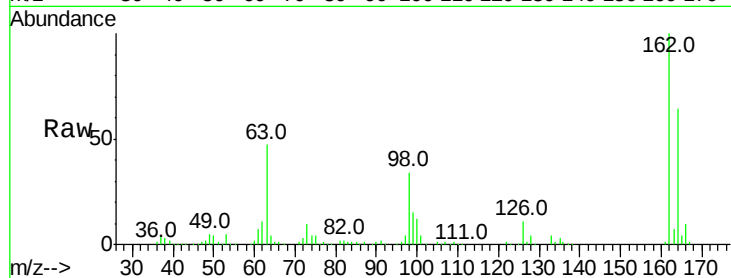




#29
 2,4-Dichlorophenol
 Concen: 36.37 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

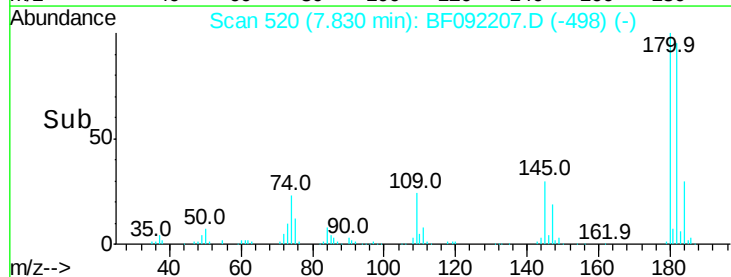
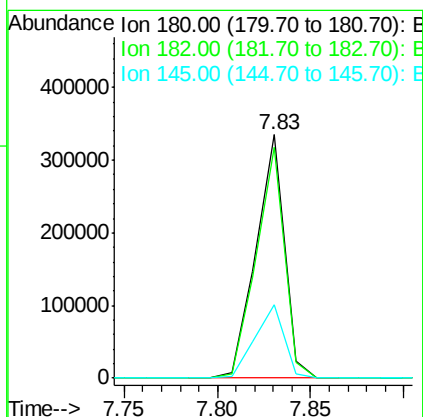
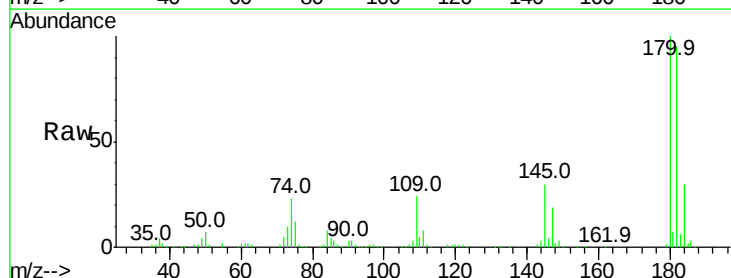
Instrument :
 BNA_F
 ClientSampleId :

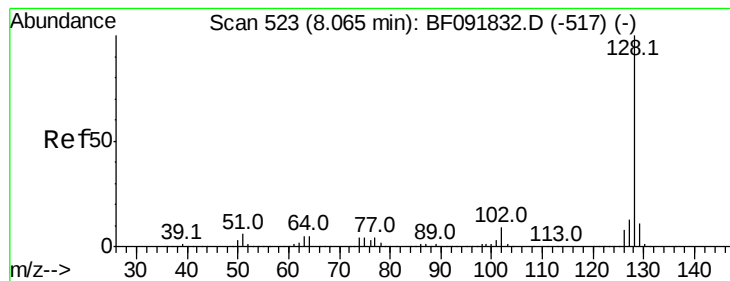
Tot Ion:162 Resp: 343020
 Ion Ratio Lower Upper
 162 100
 164 64.4 46.8 86.8
 98 34.4 9.1 49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.01 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion:180 Resp: 351422
 Ion Ratio Lower Upper
 180 100
 182 94.8 78.2 117.4
 145 30.1 21.6 32.4





#31

Naphthalene

Concen: 33.93 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.06 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

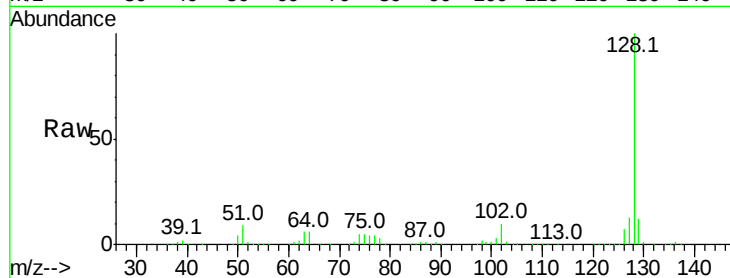
Tot Ion:128 Resp: 1103757

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

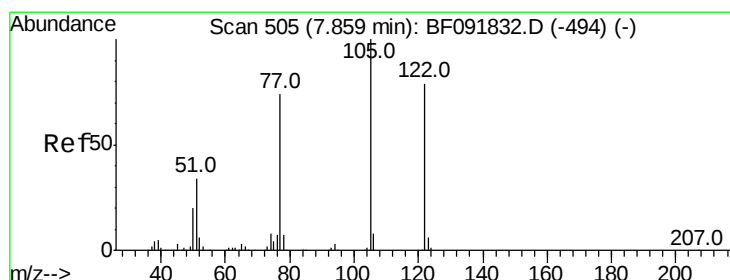
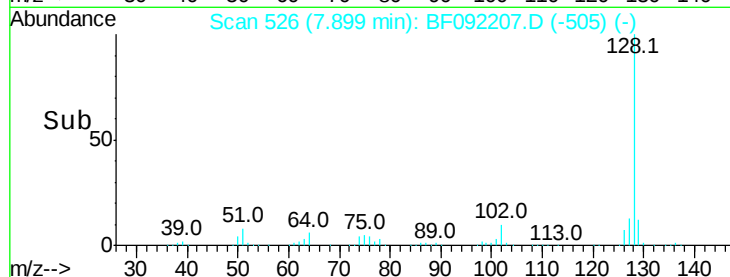
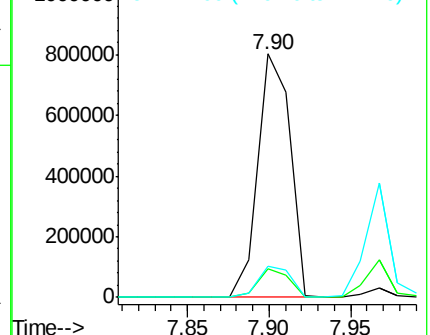
127 13.0 10.8 16.2



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: 18.08 ng

RT: 7.70 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

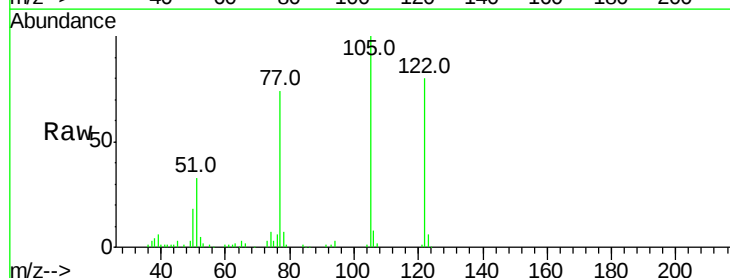
Tgt Ion:122 Resp: 149318

Ion Ratio Lower Upper

122 100

105 124.9 107.2 147.2

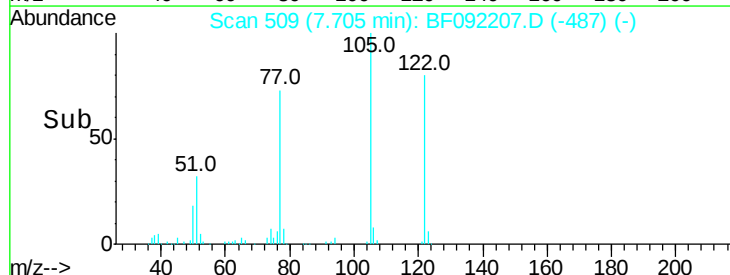
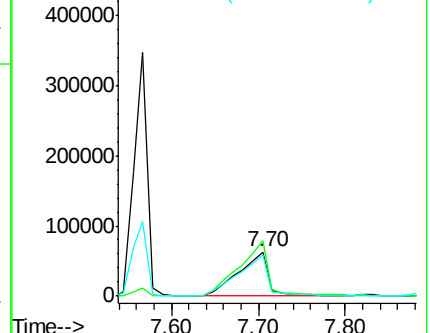
77 92.3 74.5 114.5

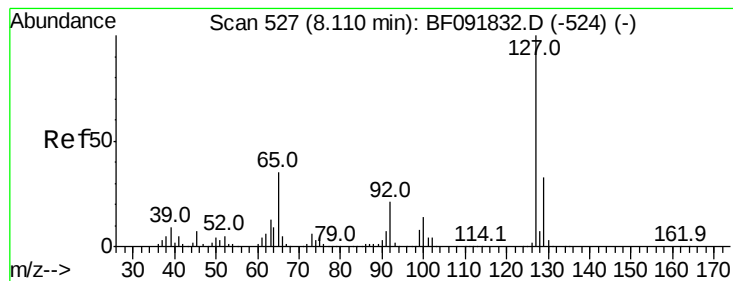


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 26.97 ng

RT: 7.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 395714

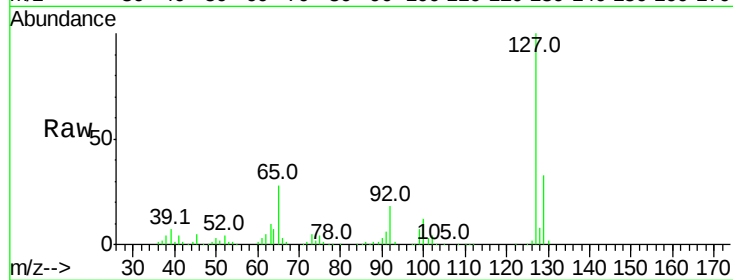
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 27.7 25.8 38.8

92 18.4 16.1 24.1

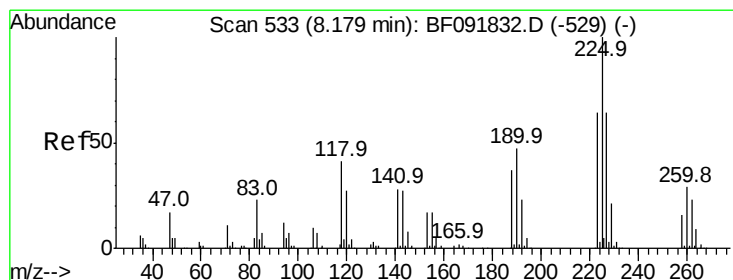
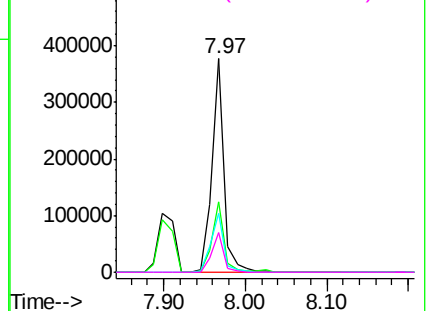
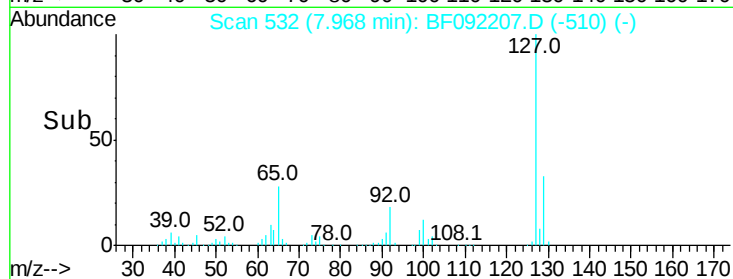


Abundance Ion 127.00 (126.70 to 127.70): E

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: 32.47 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.06 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

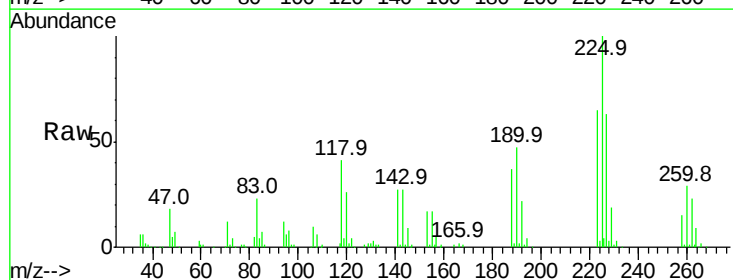
Tgt Ion:225 Resp: 177099

Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

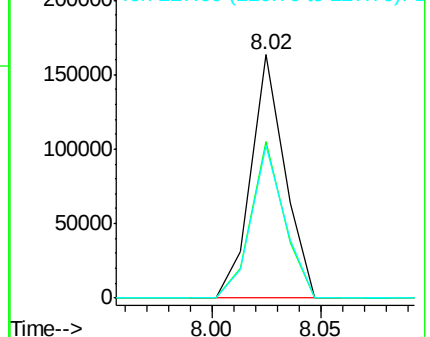
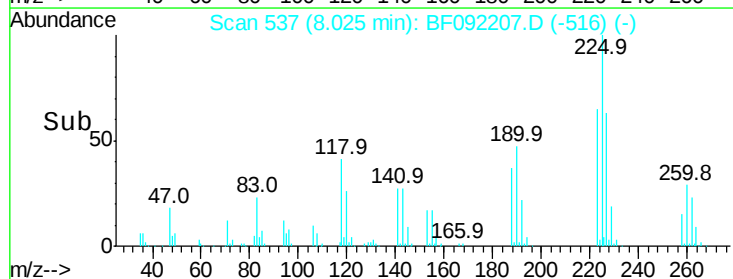
227 62.5 50.6 76.0

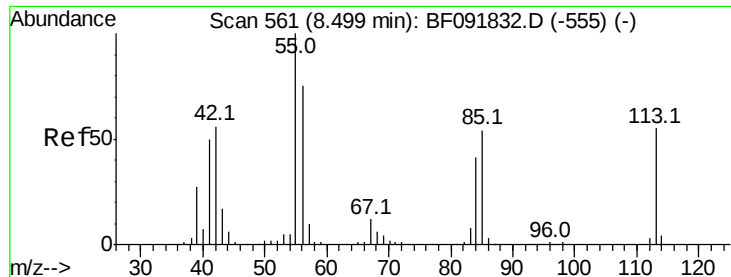


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.56 ng

RT: 8.33 min Scan# 564

Delta R.T. -0.06 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

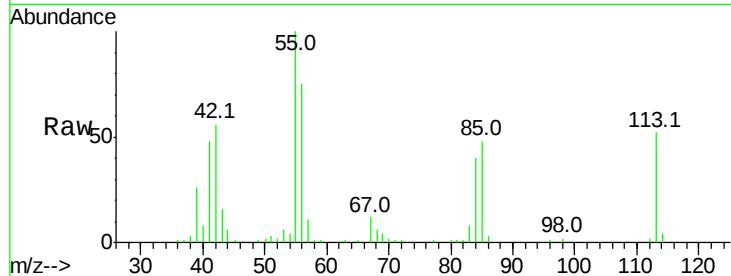
Tot Ion:113 Resp: 103988

Ion Ratio Lower Upper

113 100

55 193.0 119.2 159.2#

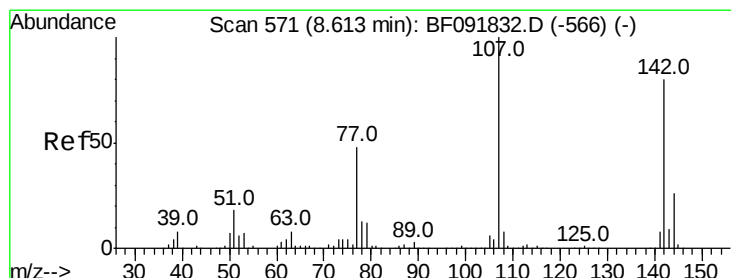
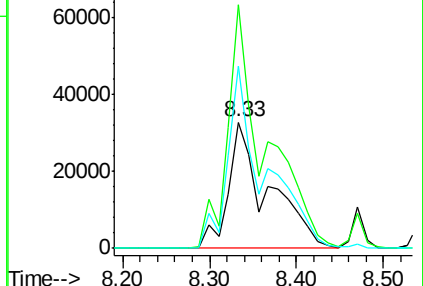
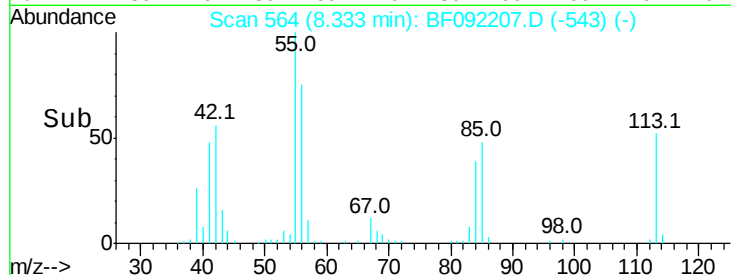
56 144.5 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.10 ng

RT: 8.47 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

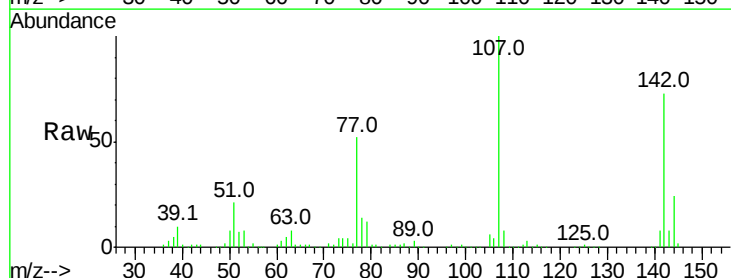
Tgt Ion:107 Resp: 369984

Ion Ratio Lower Upper

107 100

144 23.6 19.3 28.9

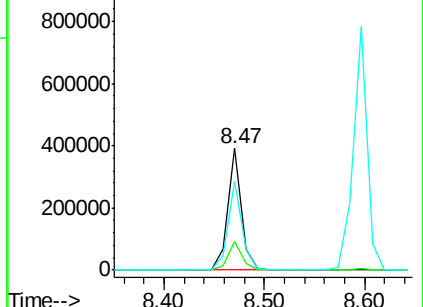
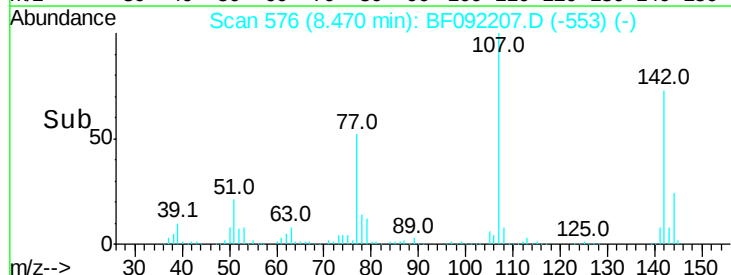
142 73.2 59.0 88.6

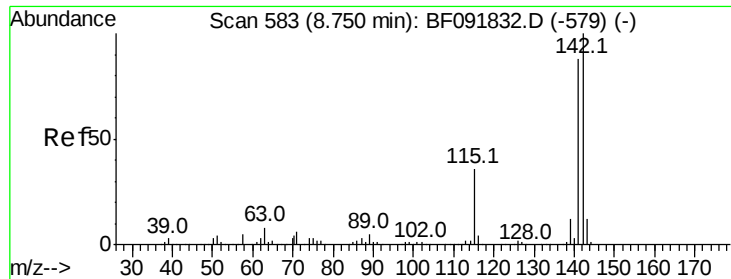


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

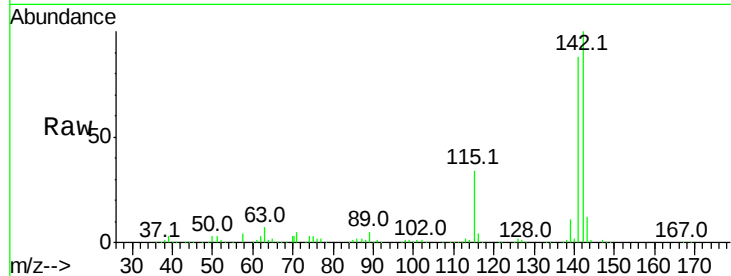




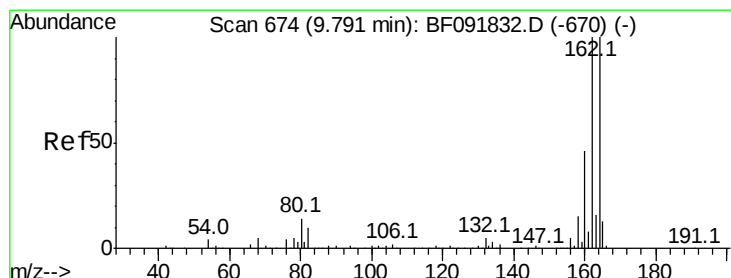
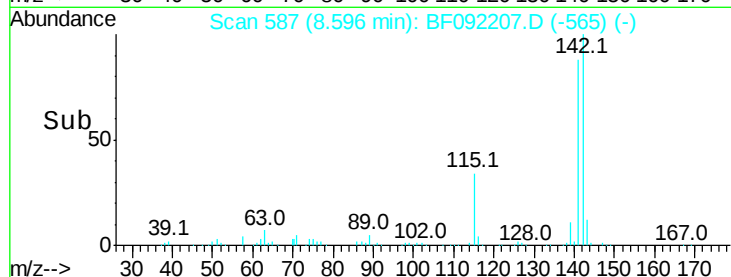
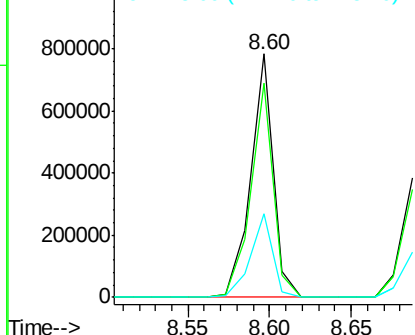
#37
2-Methylnaphthalene
Concen: 35.32 ng
RT: 8.60 min Scan# 587
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 751064
Ion Ratio Lower Upper
142 100
141 87.8 71.0 106.6
115 34.1 28.3 42.5

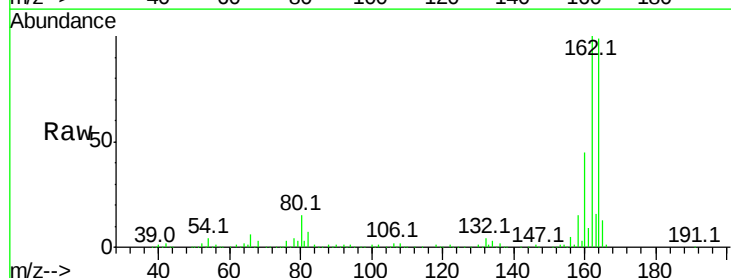


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

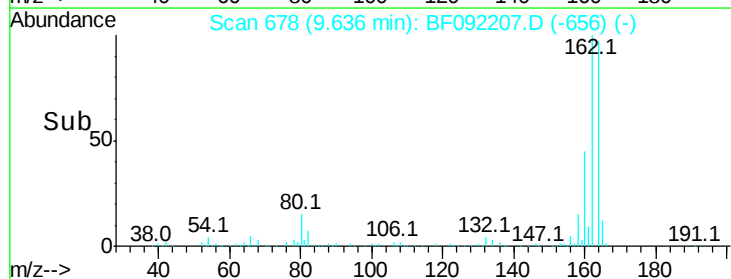
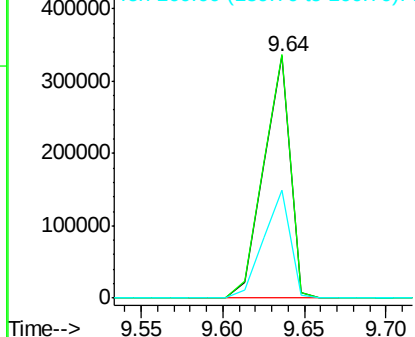


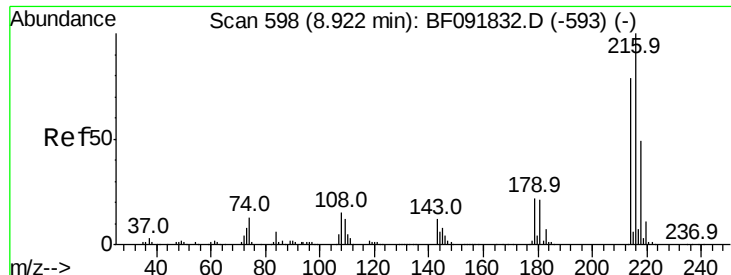
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion:164 Resp: 378573
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 44.8 36.9 55.3



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

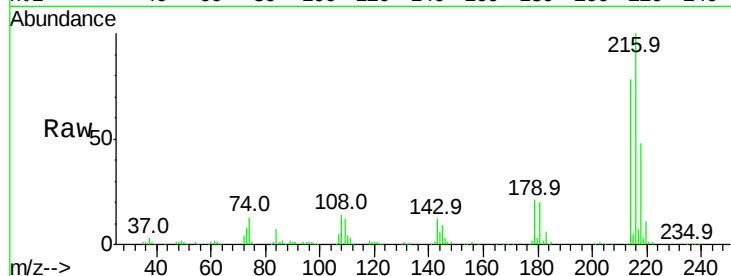




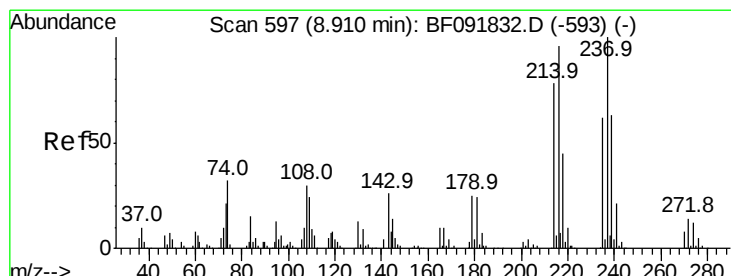
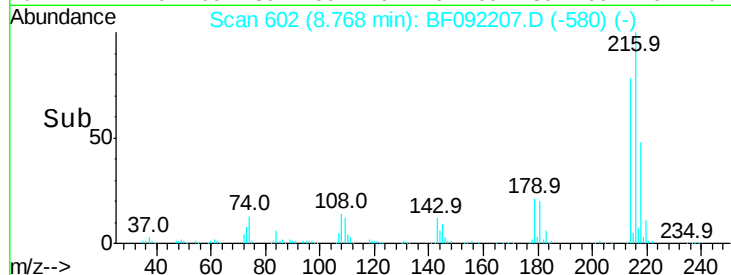
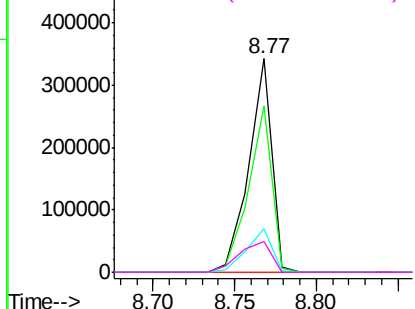
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.07 ng
 RT: 8.77 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	335389
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	22.0	17.4	26.2
108	20.4	15.6	23.4

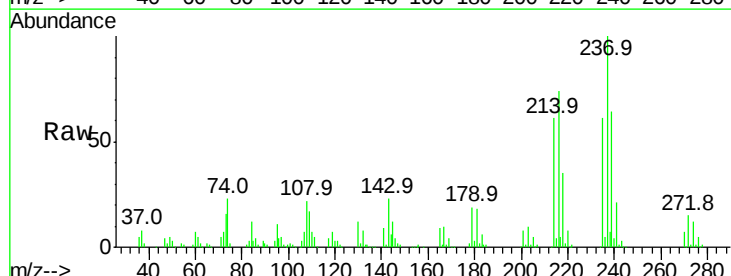


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

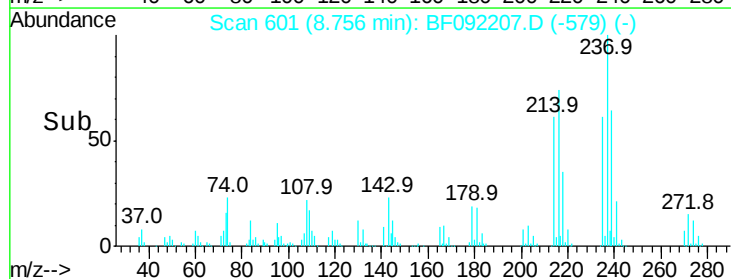
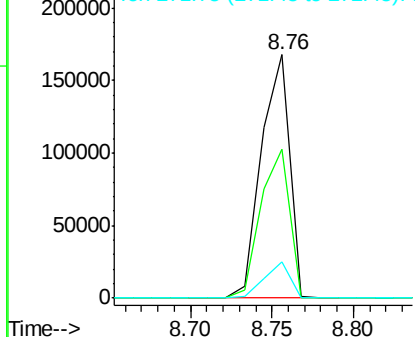


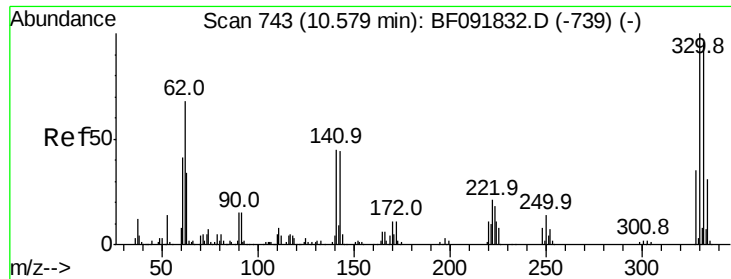
#40
 Hexachlorocyclopentadiene
 Concen: 49.12 ng
 RT: 8.76 min Scan# 601
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion:	237	Resp:	202358
Ion	Ratio	Lower	Upper
237	100		
235	61.4	41.2	81.2
272	14.7	0.0	35.4



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

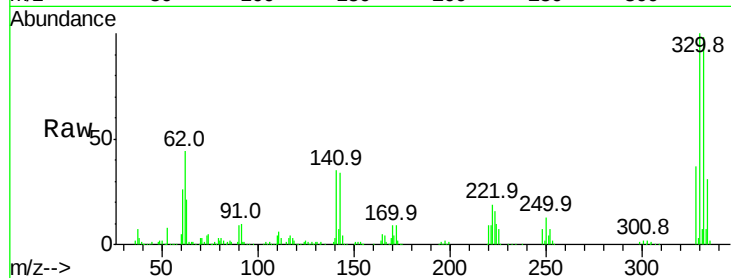




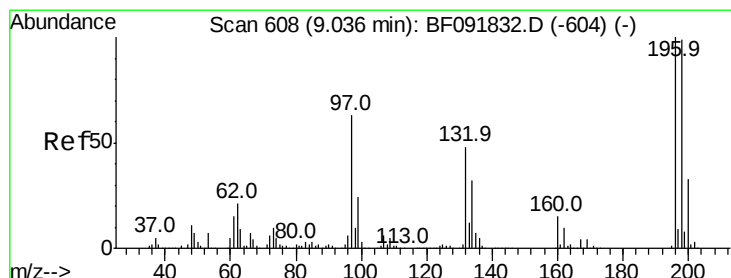
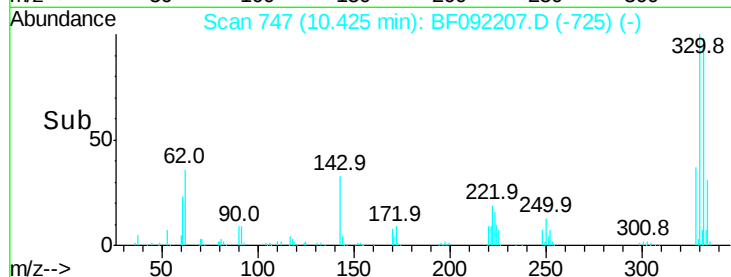
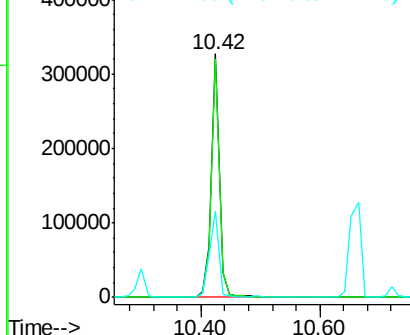
#41
 2,4,6-Tribromophenol
 Concen: 99.77 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 312584
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 40.3 34.1 51.1

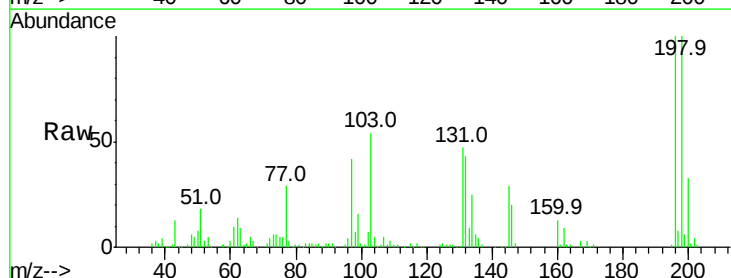


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

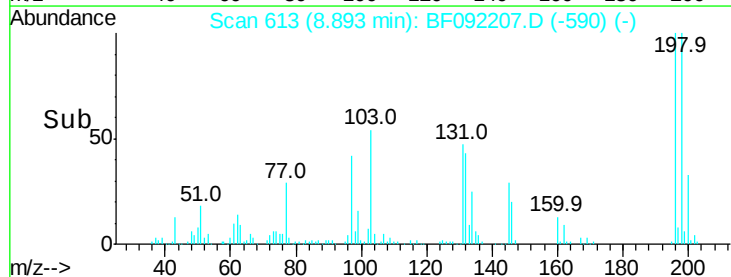
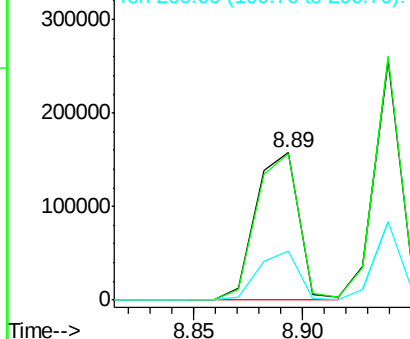


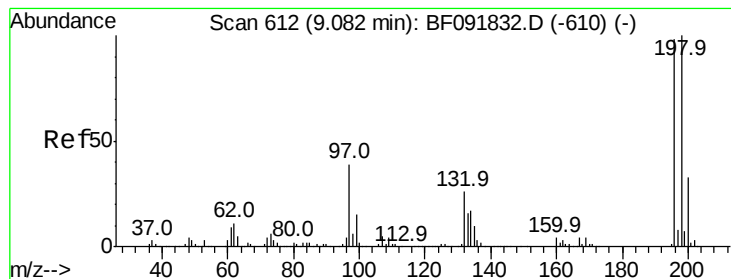
#42
 2,4,6-Trichlorophenol
 Concen: 32.60 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion:196 Resp: 218068
 Ion Ratio Lower Upper
 196 100
 198 99.6 82.1 123.1
 200 33.4 27.0 40.4



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

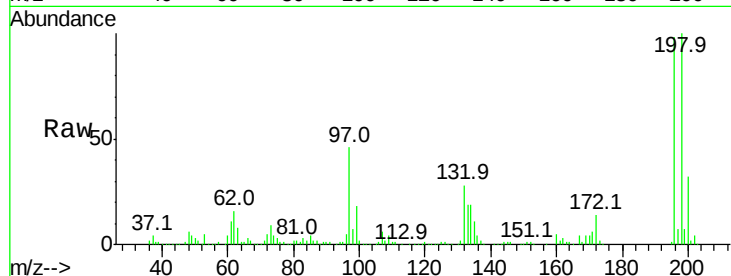




#43
 2,4,5-Trichlorophenol
 Concen: 33.18 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.7	79.4	119.2
97	47.3	51.5	77.3
132	28.9	27.4	41.2



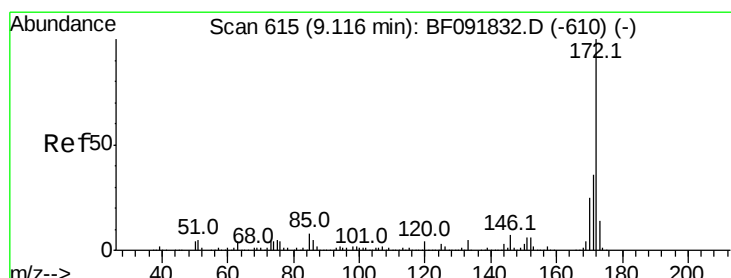
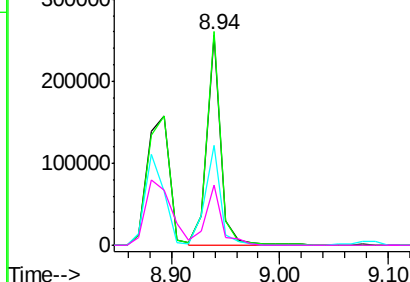
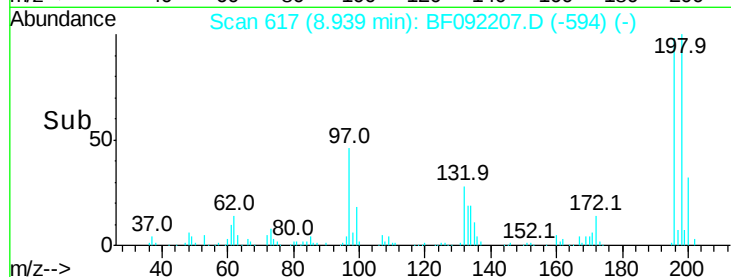
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

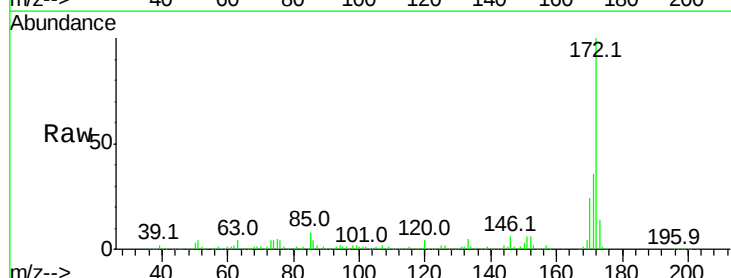
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.42 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.2	20.2	30.4

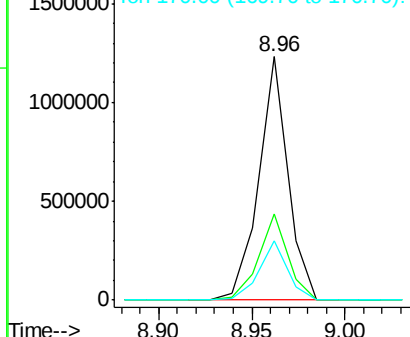
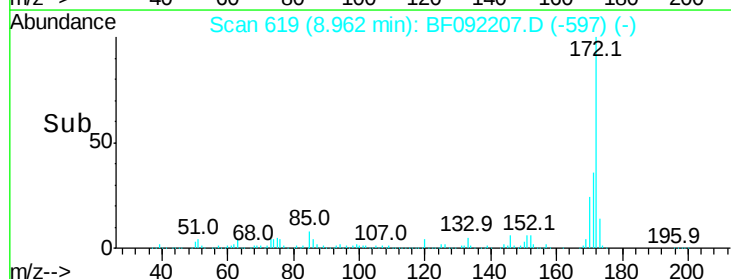


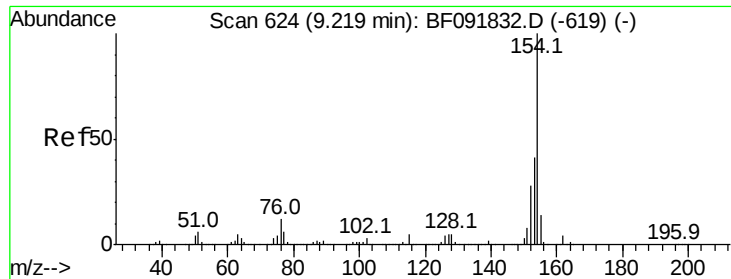
Abundance

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: 37.29 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

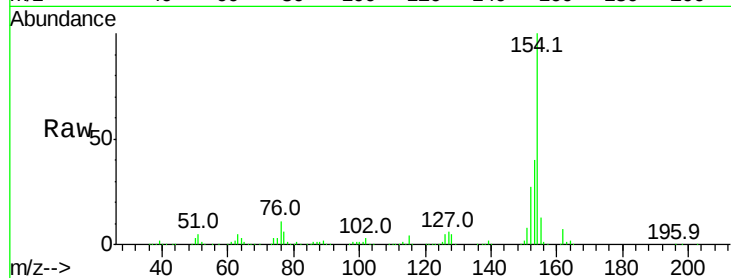
Tot Ion:154 Resp: 966499

Ion Ratio Lower Upper

154 100

153 39.6 20.9 60.9

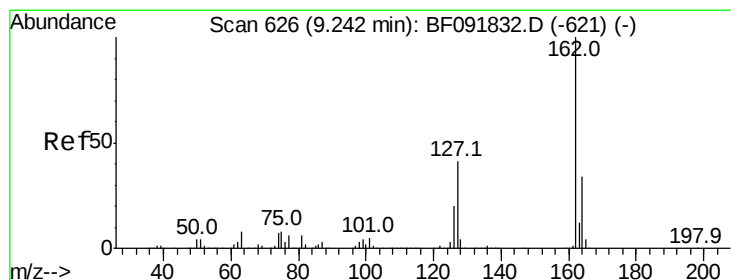
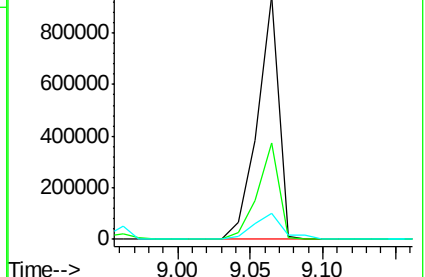
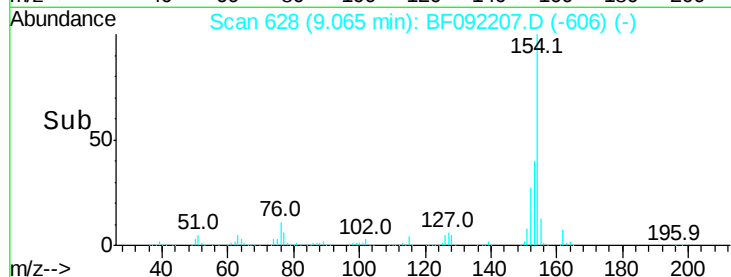
76 10.8 0.0 30.5



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: 35.29 ng

RT: 9.09 min Scan# 630

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

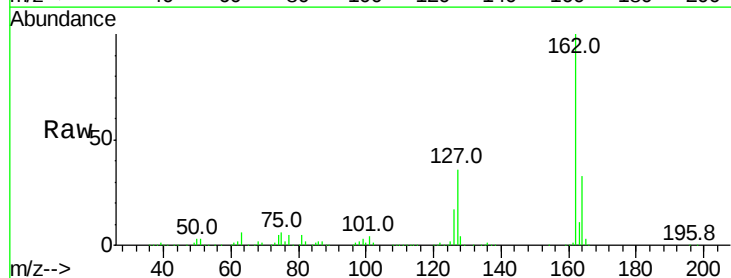
Tgt Ion:162 Resp: 724351

Ion Ratio Lower Upper

162 100

127 36.0 30.7 46.1

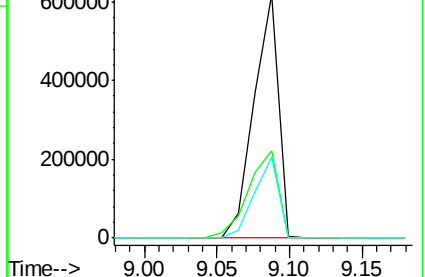
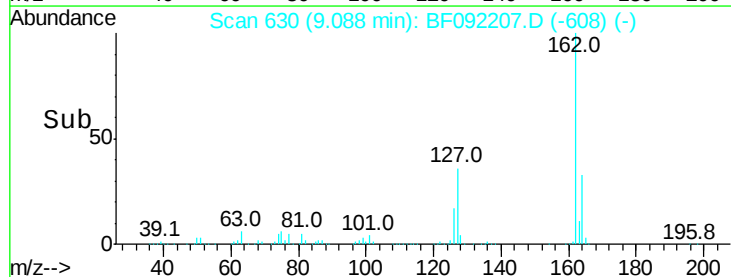
164 33.4 27.6 41.4

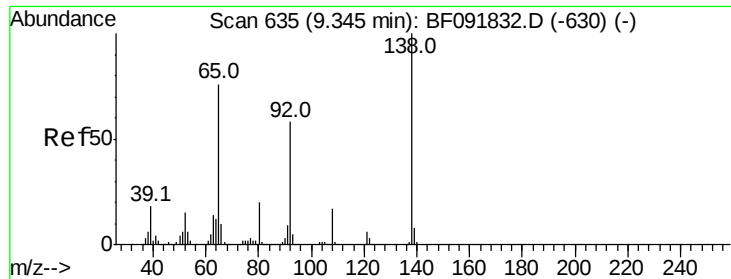


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

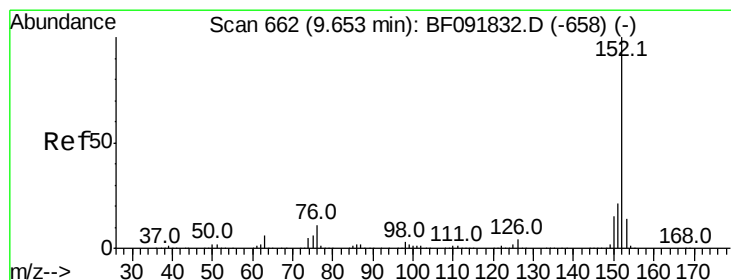
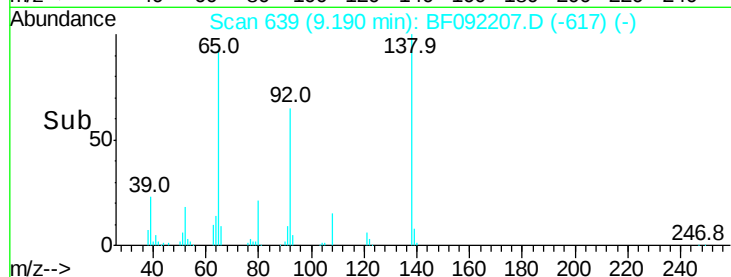
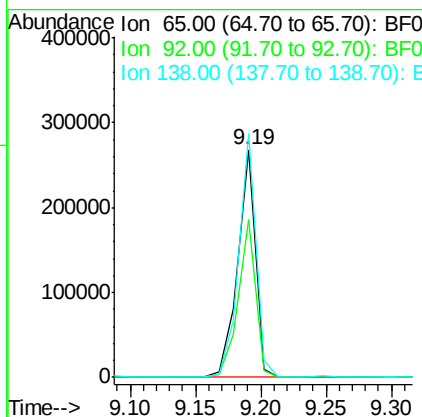
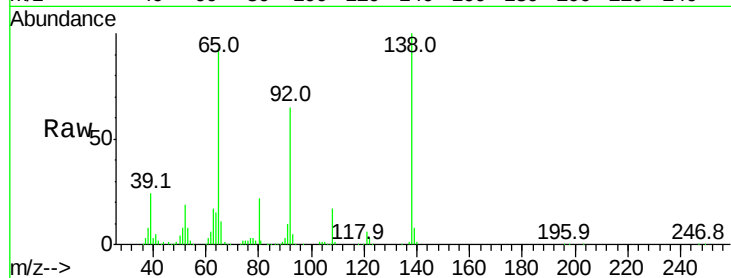




#47
2-Nitroaniline
Concen: 34.25 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

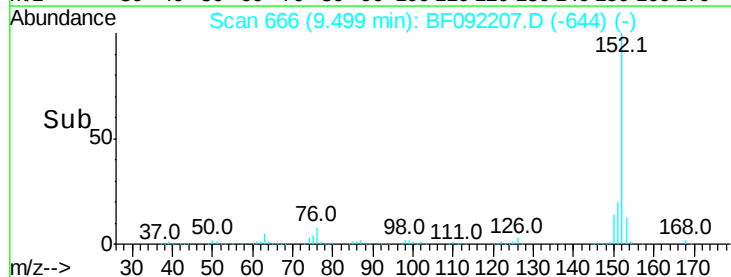
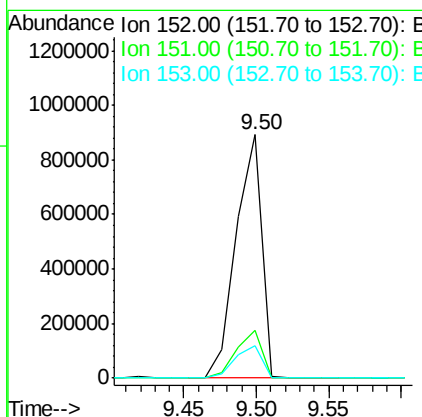
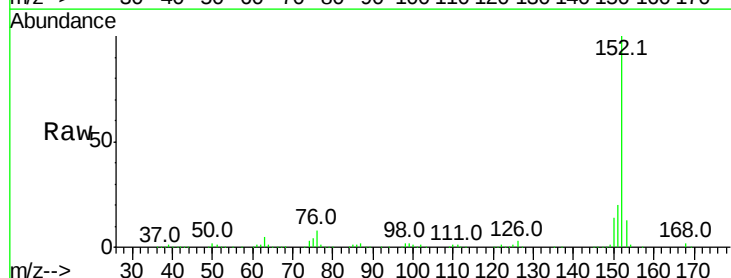
Instrument :
BNA_F
ClientSampleId :

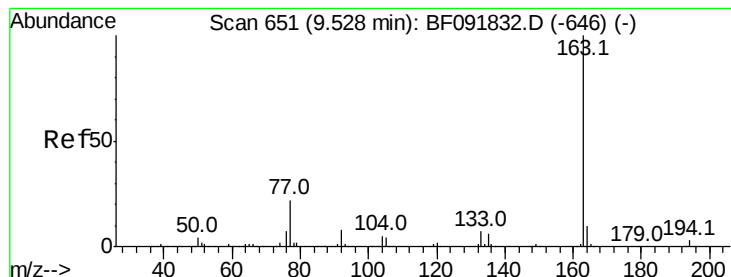
Tot Ion: 65 Resp: 250309
Ion Ratio Lower Upper
65 100
92 69.6 53.9 80.9
138 107.2 76.8 115.2



#48
Acenaphthylene
Concen: 34.85 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion: 152 Resp: 1100289
Ion Ratio Lower Upper
152 100
151 19.7 16.9 25.3
153 13.4 11.4 17.2





#49

Dimethylphthalate

Concen: 39.06 ng

RT: 9.37 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

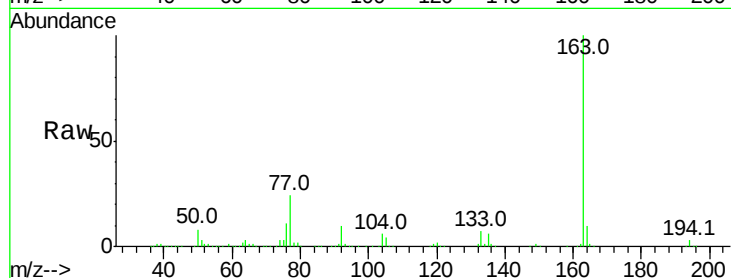
Tot Ion:163 Resp: 945797

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

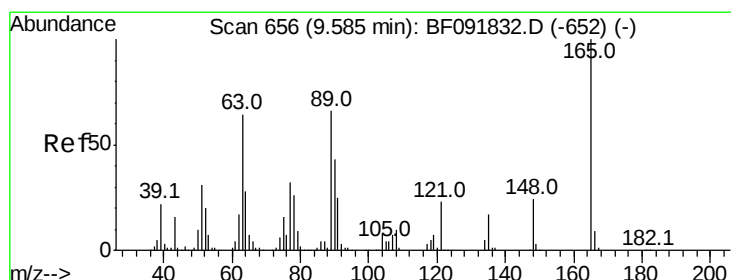
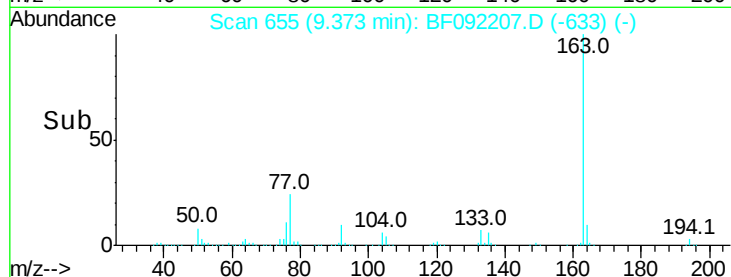
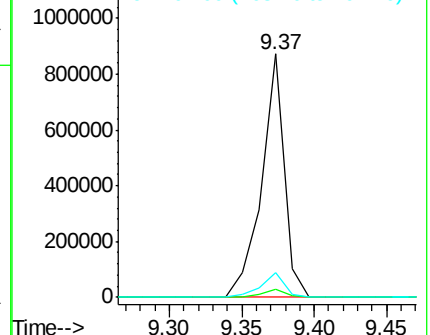
164 10.4 8.0 12.0



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: 32.45 ng

RT: 9.43 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

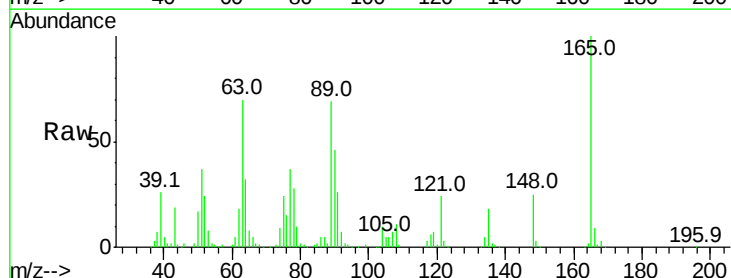
Tgt Ion:165 Resp: 171990

Ion Ratio Lower Upper

165 100

63 70.2 36.2 54.4#

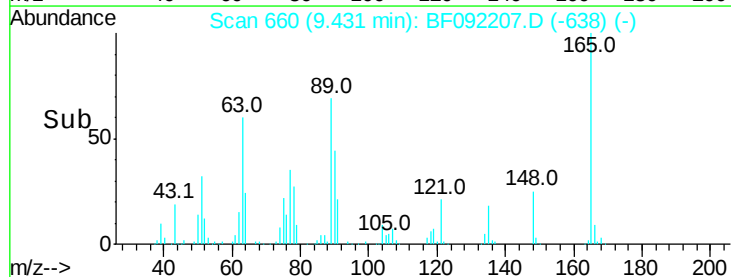
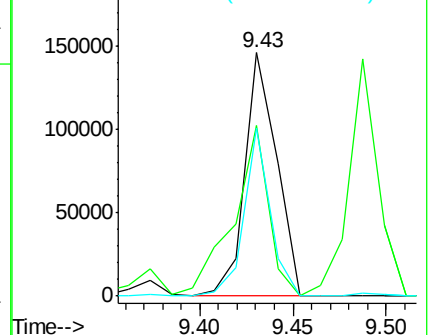
89 68.9 40.2 60.4#

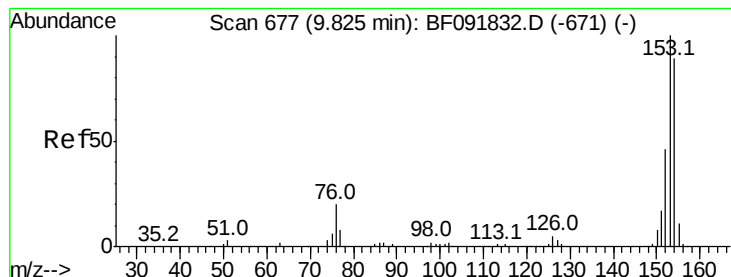


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 31.66 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

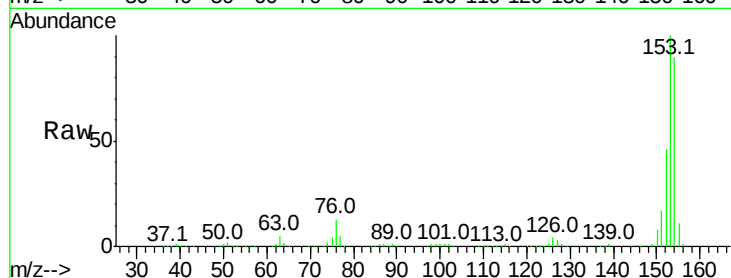
Tot Ion:154 Resp: 677664

Ion Ratio Lower Upper

154 100

153 111.1 88.6 133.0

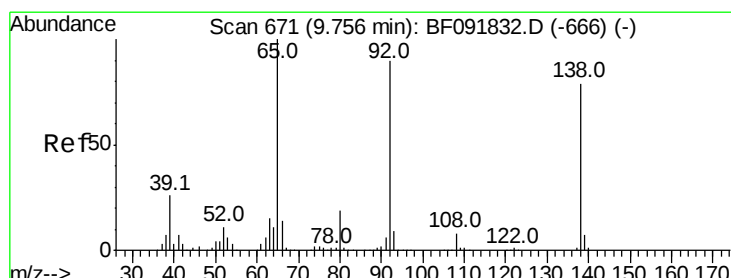
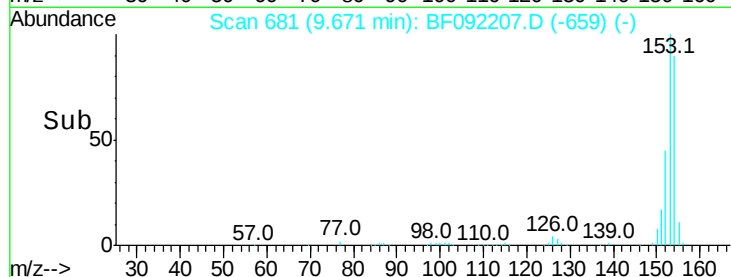
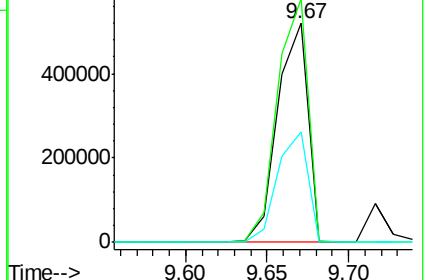
152 50.6 41.6 62.4



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: 28.79 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

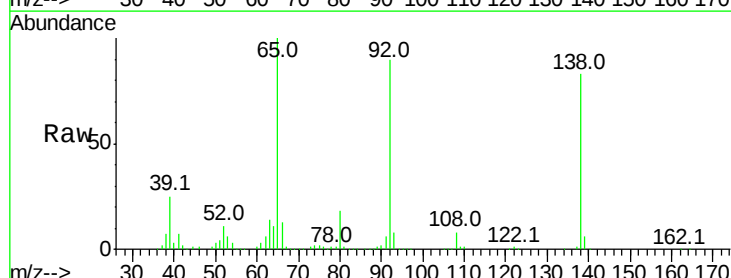
Tgt Ion:138 Resp: 188796

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

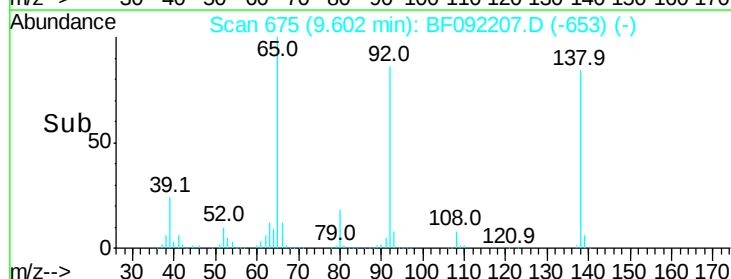
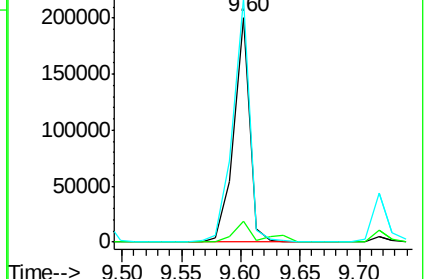
92 108.5 97.8 146.8

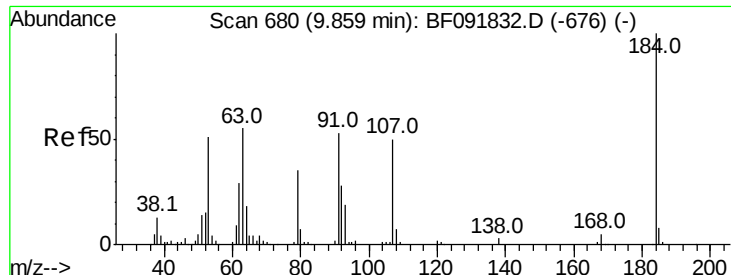


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

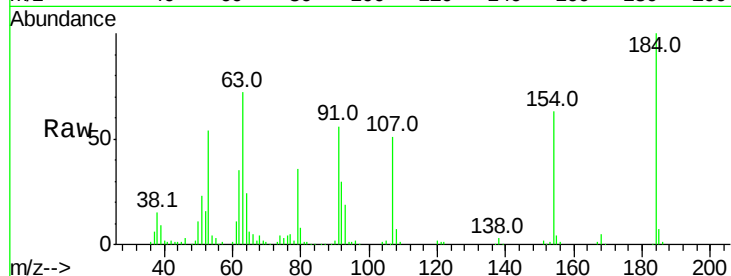




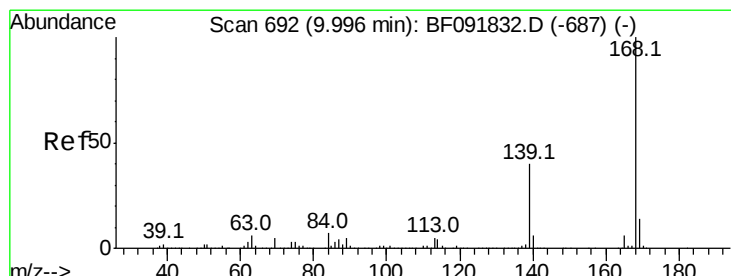
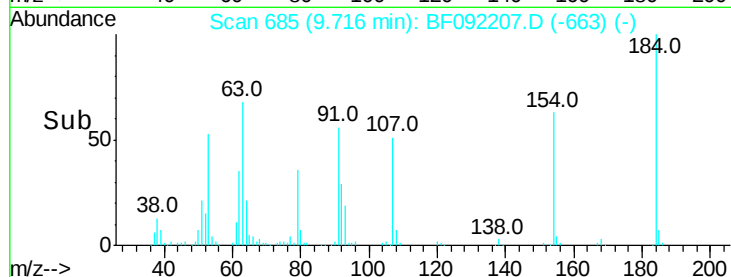
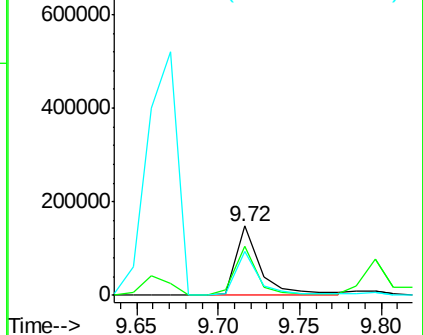
#53
2,4-Dinitrophenol
Concen: 51.83 ng
RT: 9.72 min Scan# 685
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 152847
Ion Ratio Lower Upper
184 100
63 71.8 28.4 42.6#
154 63.5 44.3 66.5

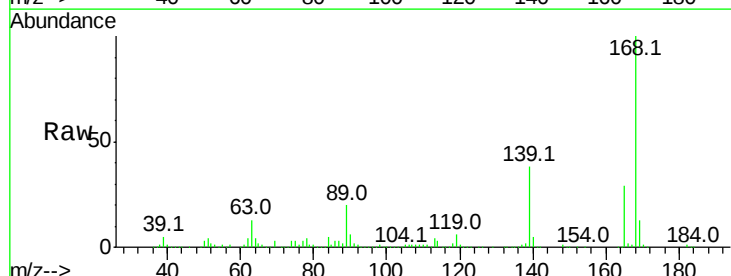


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

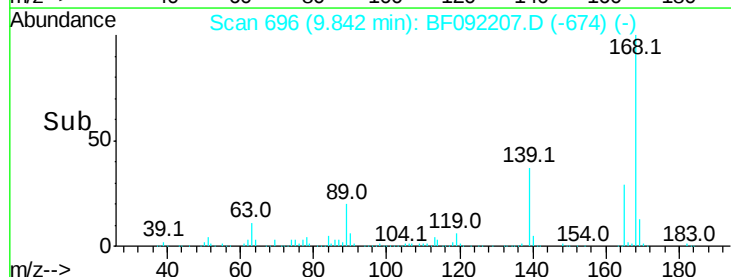
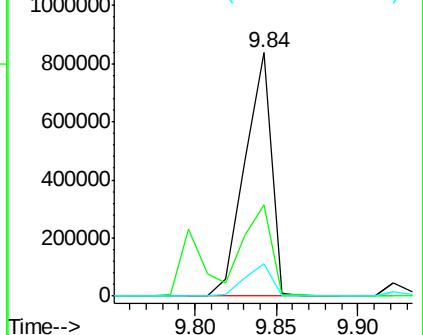


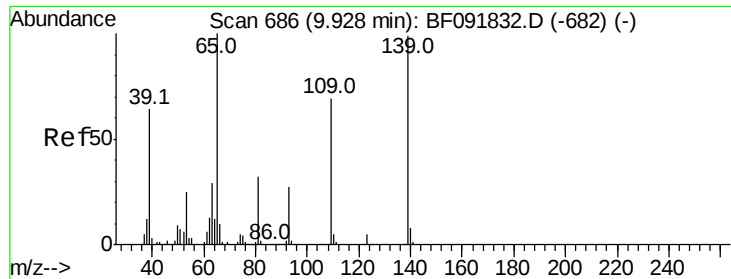
#54
Dibenzofuran
Concen: 32.53 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion:168 Resp: 940244
Ion Ratio Lower Upper
168 100
139 37.7 32.6 49.0
169 13.5 11.3 16.9



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





#55

4-Nitrophenol

Concen: 55.34 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.03 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

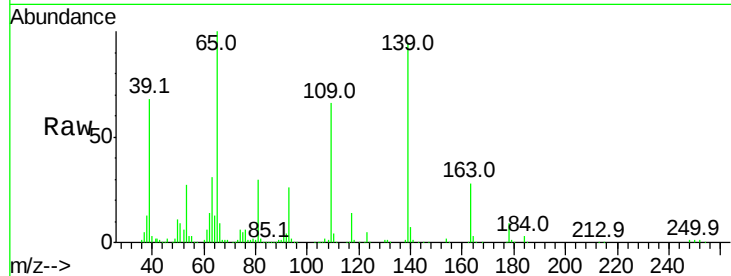
Tot Ion:139 Resp: 246454

Ion Ratio Lower Upper

139 100

109 70.0 52.2 92.2

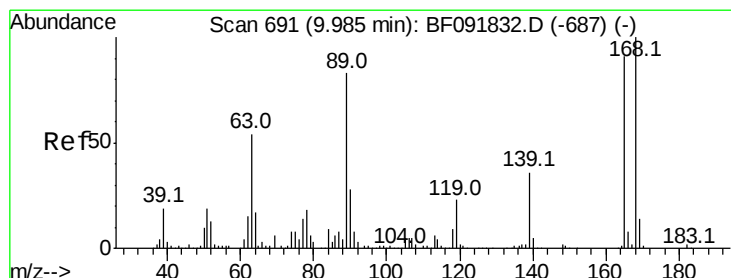
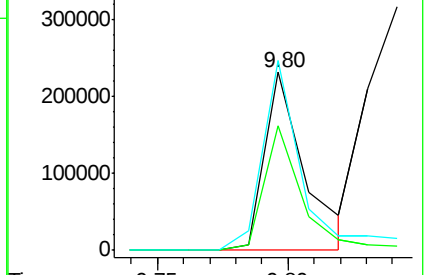
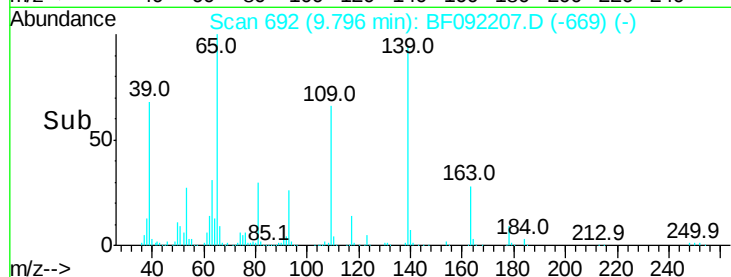
65 106.5 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.69 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Tgt Ion:165 Resp: 250733

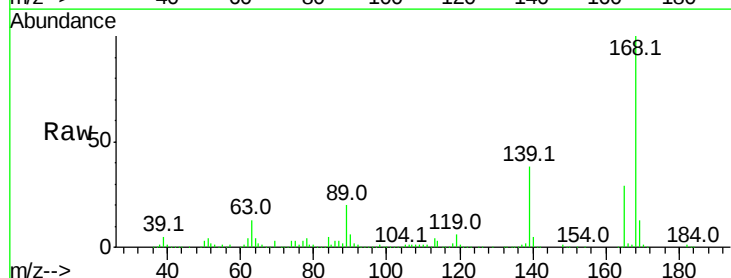
Ion Ratio Lower Upper

165 100

63 44.1 40.2 60.4

89 68.4 62.5 93.7

182 2.0 1.8 2.8

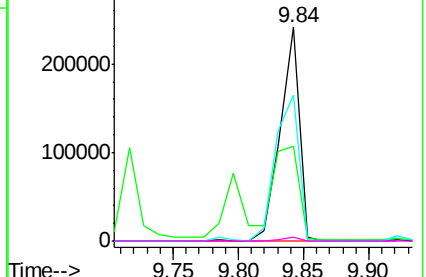
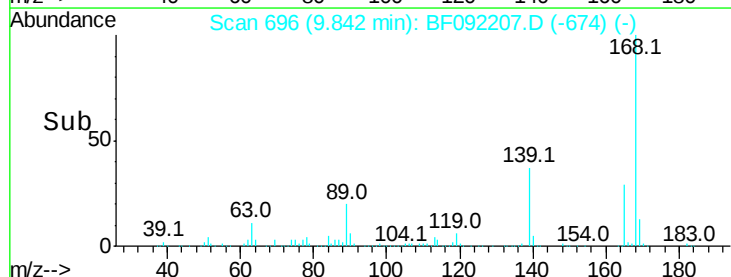


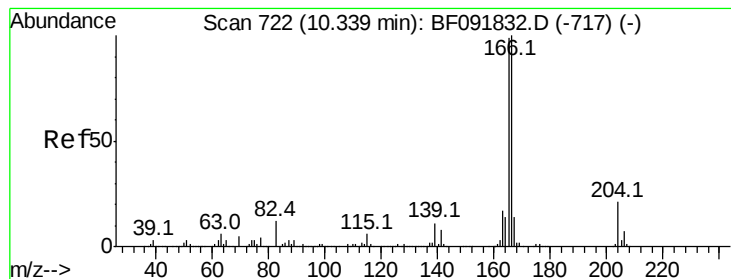
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.36 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

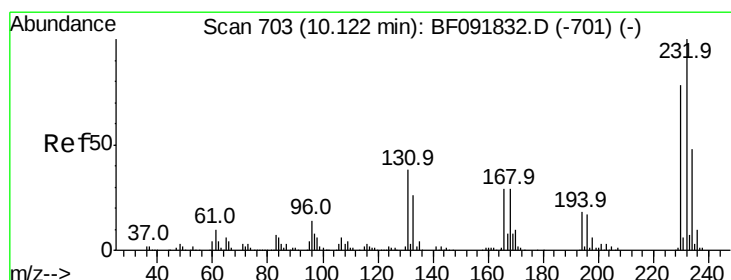
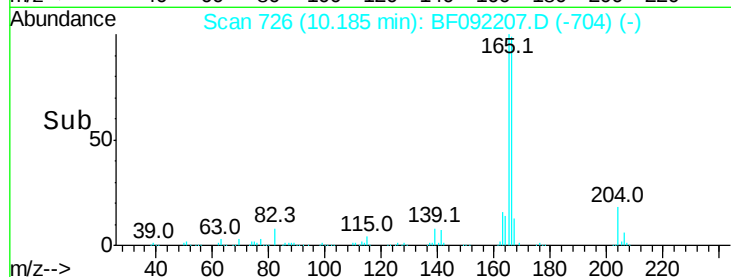
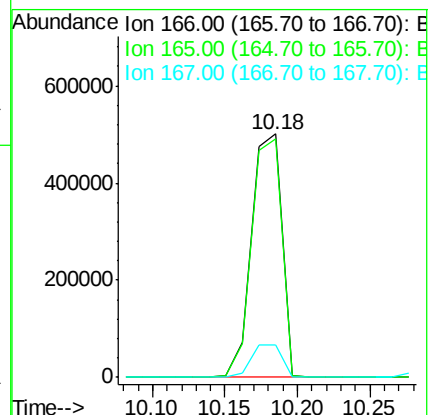
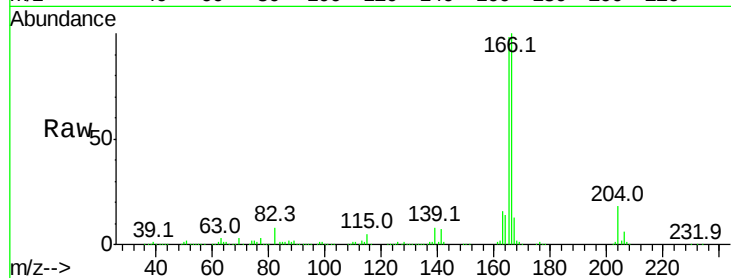
Tot Ion:166 Resp: 722664

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

167 13.3 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.92 ng

RT: 9.97 min Scan# 707

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Tgt Ion:232 Resp: 190146

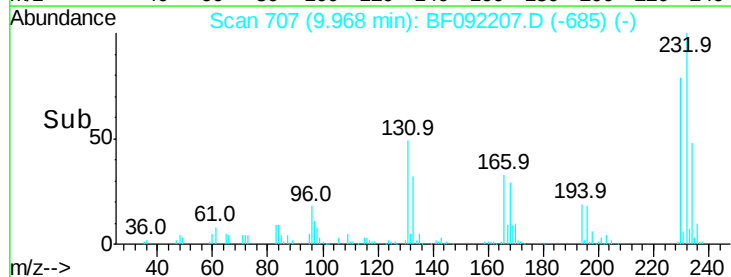
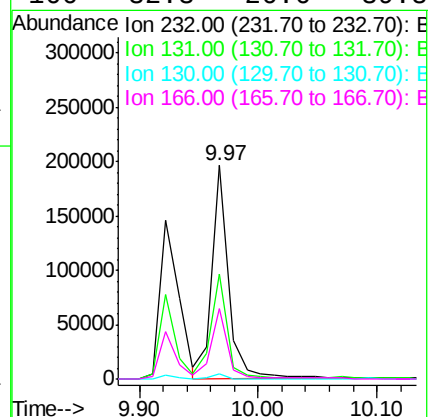
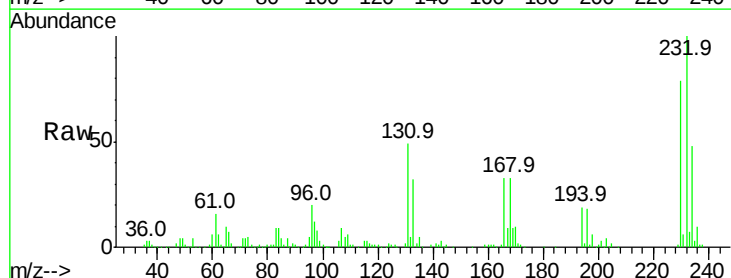
Ion Ratio Lower Upper

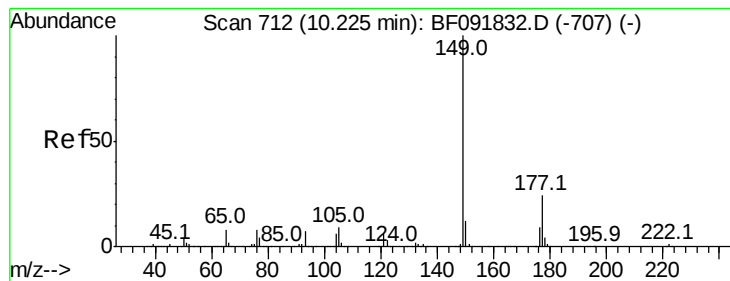
232 100

131 50.3 40.1 60.1

130 2.2 1.8 2.8

166 32.3 26.6 39.8





#59

Diethylphthalate

Concen: 34.73 ng

RT: 10.07 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

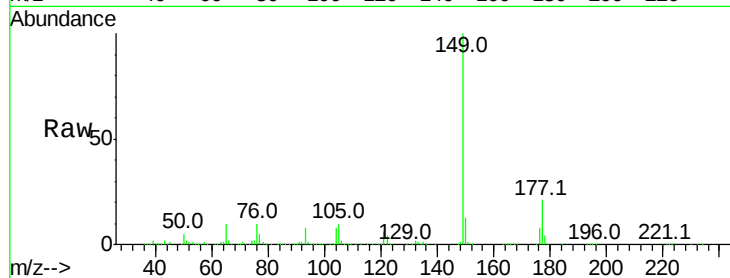
Tot Ion:149 Resp: 816727

Ion Ratio Lower Upper

149 100

177 21.5 16.6 25.0

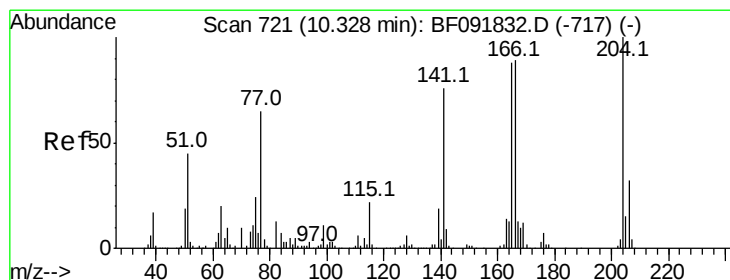
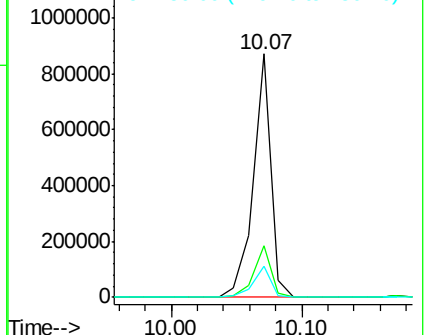
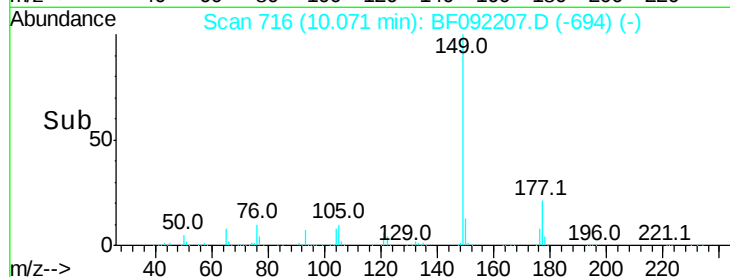
150 12.6 10.4 15.6



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: 32.81 ng

RT: 10.17 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

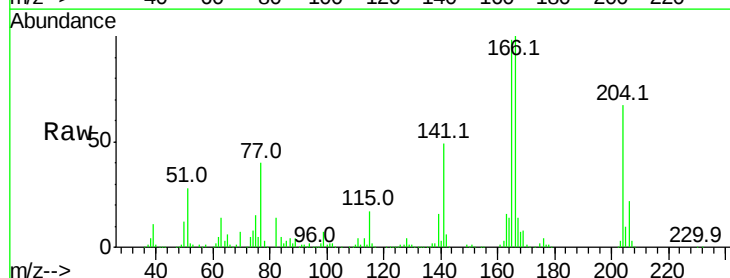
Tgt Ion:204 Resp: 302105

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

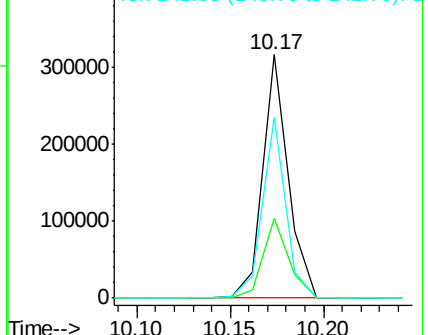
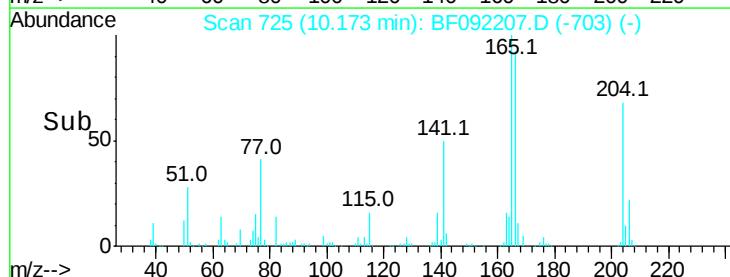
141 74.1 59.4 89.0

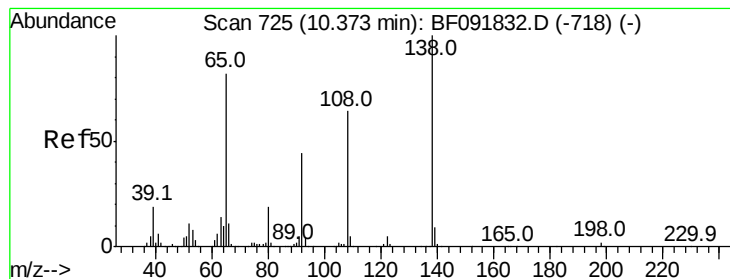


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.31 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

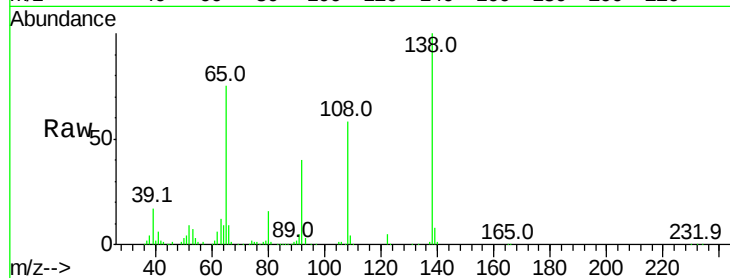
Tot Ion:138 Resp: 212778

Ion Ratio Lower Upper

138 100

92 40.3 31.7 71.7

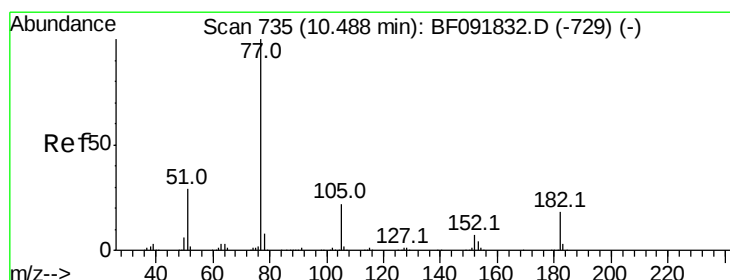
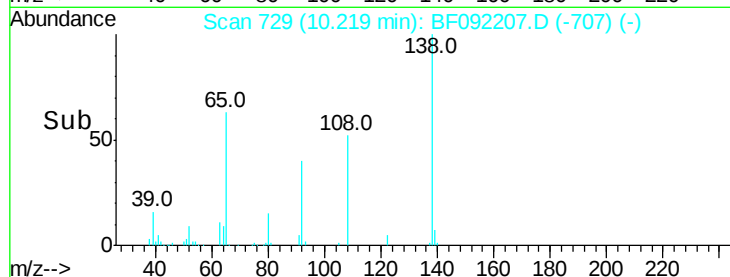
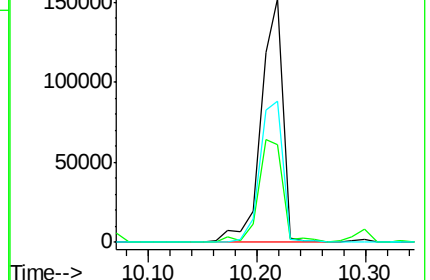
108 57.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.07 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Tgt Ion: 77 Resp: 907979

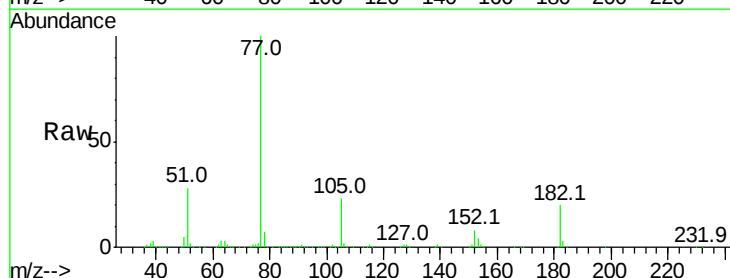
Ion Ratio Lower Upper

77 100

182 20.3 0.0 39.3

105 23.0 2.3 42.3

51 27.5 8.9 48.9

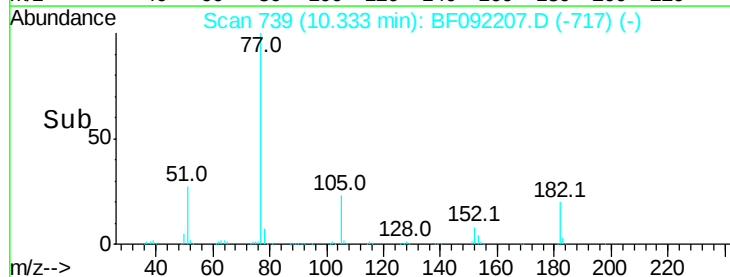
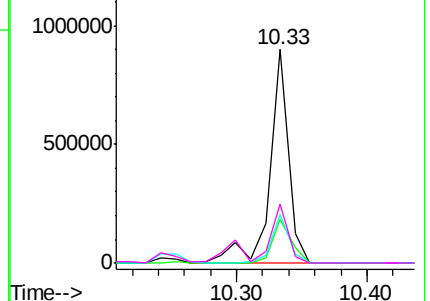


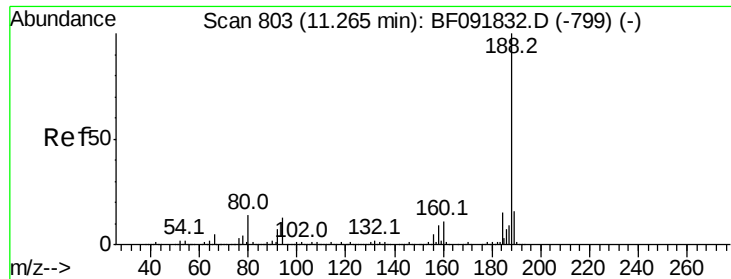
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

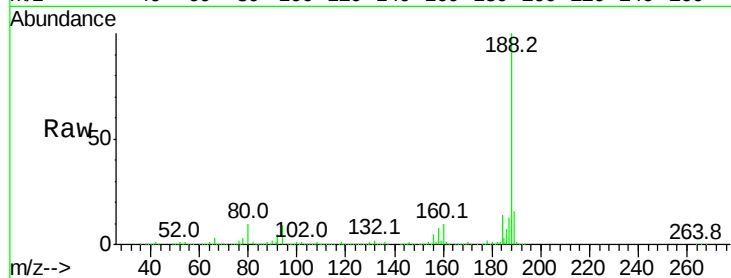




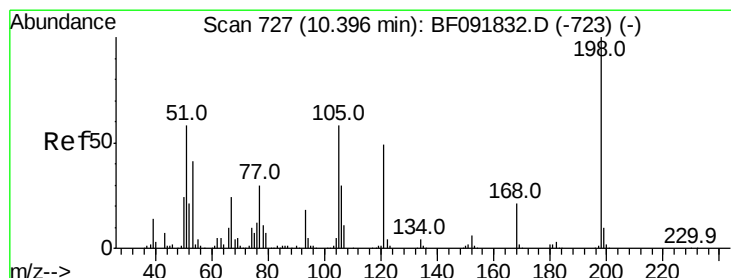
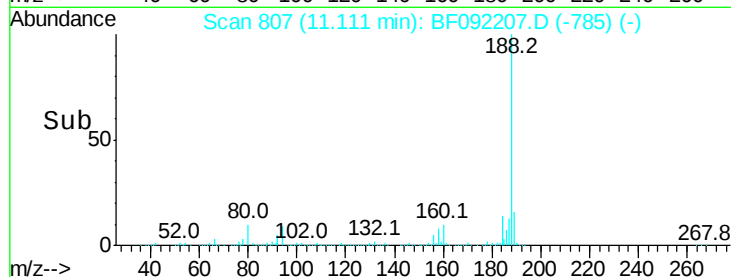
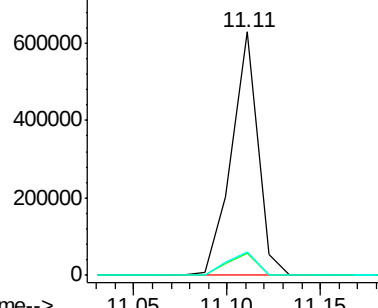
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 613064
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.7 11.2 16.8#

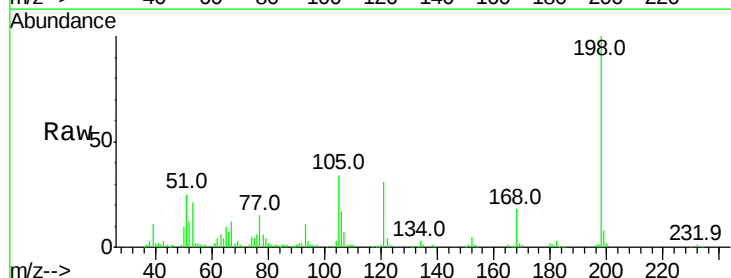


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

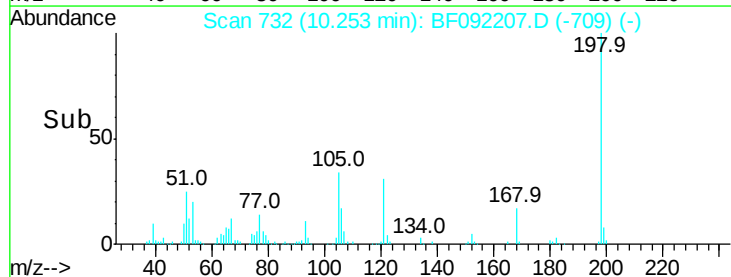
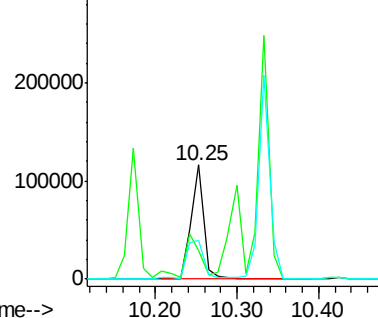


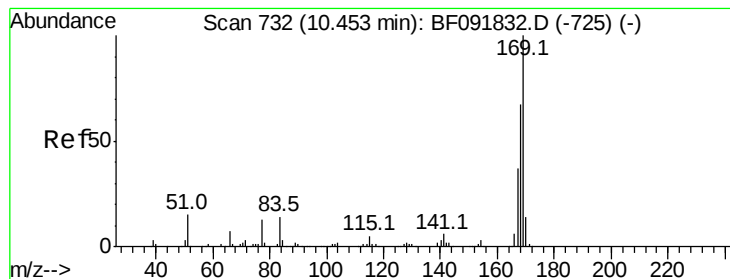
#64
4,6-Dinitro-2-methylphenol
Concen: 34.64 ng
RT: 10.25 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion:198 Resp: 128399
Ion Ratio Lower Upper
198 100
51 25.1 6.7 46.7
105 33.9 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 36.96 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

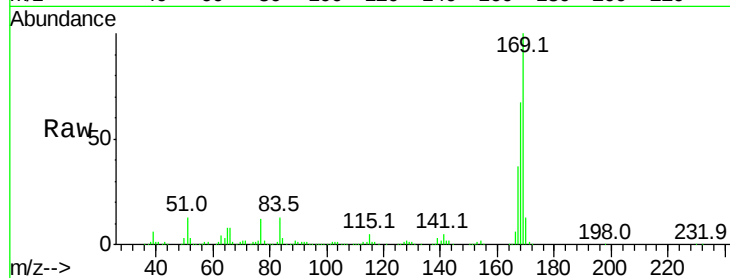
Tot Ion:169 Resp: 672332

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.2

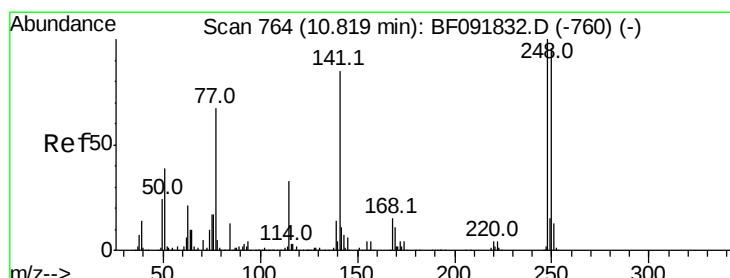
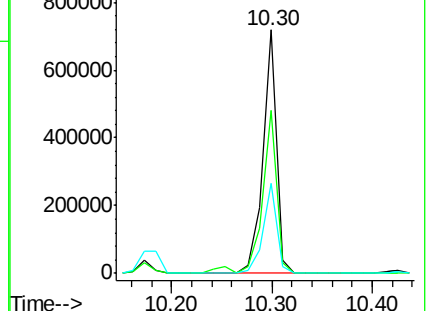
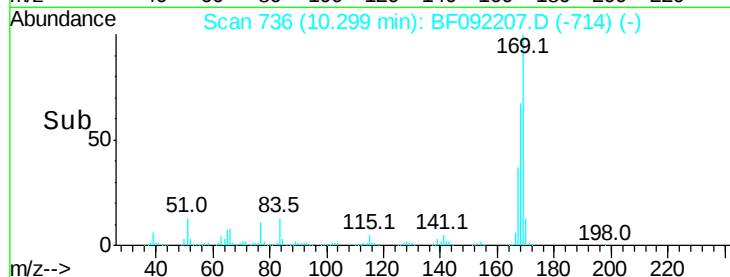
167 37.2 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.01 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

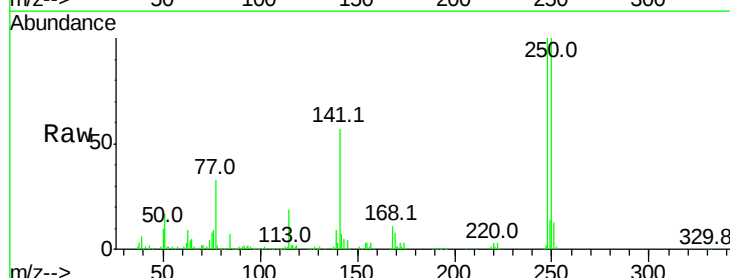
Tgt Ion:248 Resp: 223295

Ion Ratio Lower Upper

248 100

250 99.5 76.9 115.3

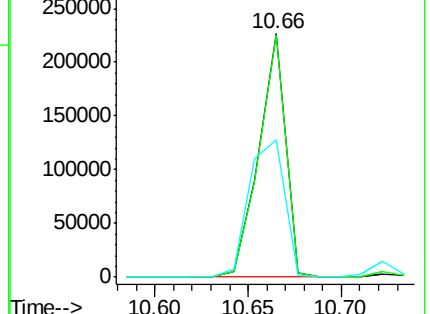
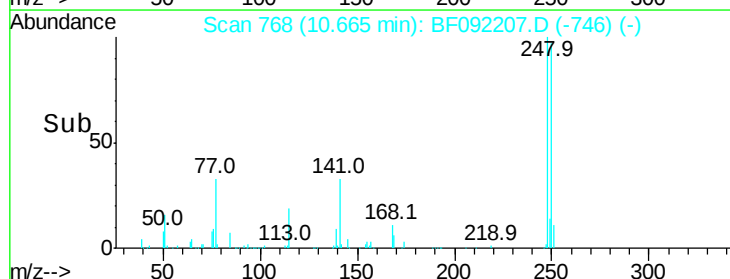
141 56.7 68.2 102.4#

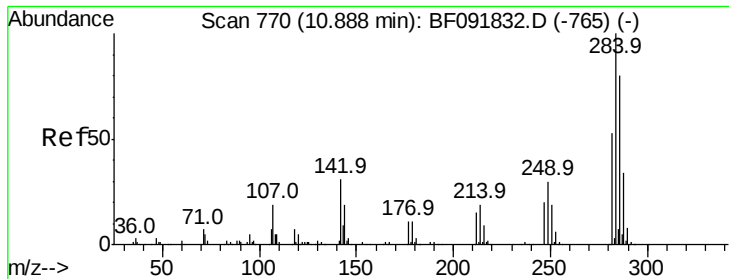


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 31.39 ng

RT: 10.72 min Scan# 773

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

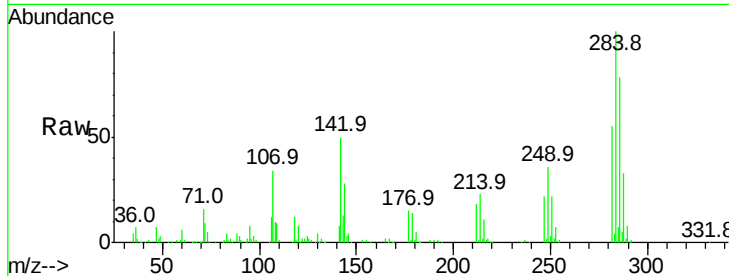
Tot Ion:284 Resp: 213953

Ion Ratio Lower Upper

284 100

142 49.6 22.6 33.8#

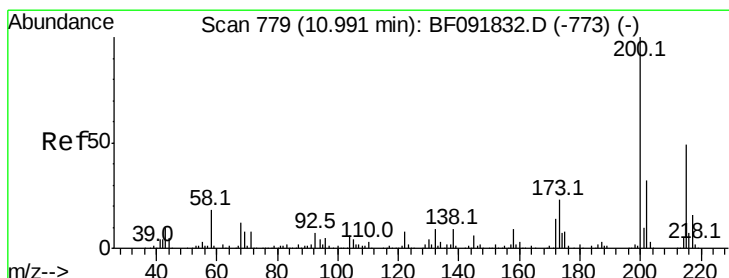
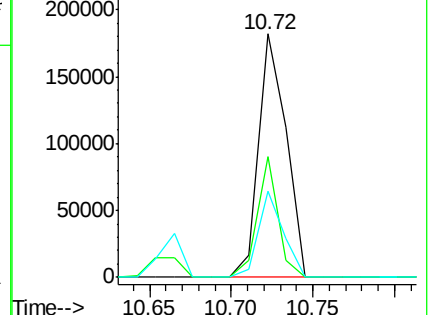
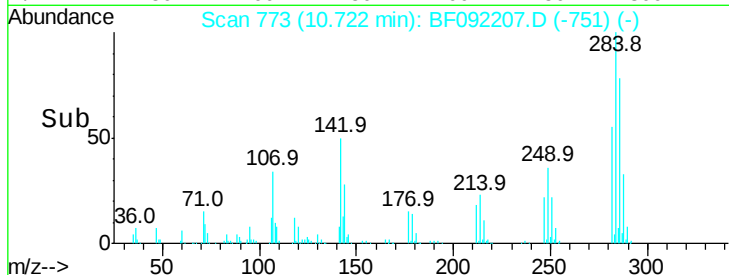
249 35.6 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.39 ng

RT: 10.84 min Scan# 783

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

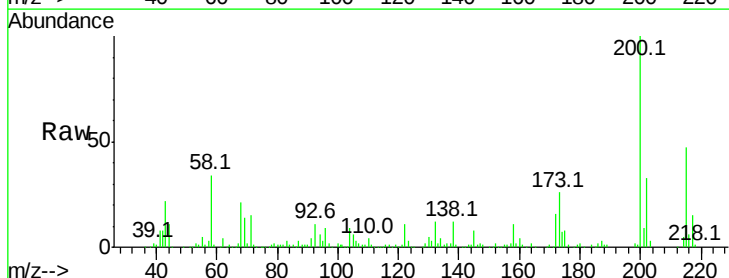
Tgt Ion:200 Resp: 231148

Ion Ratio Lower Upper

200 100

173 26.2 9.6 49.6

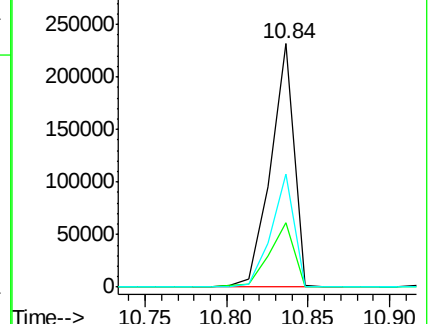
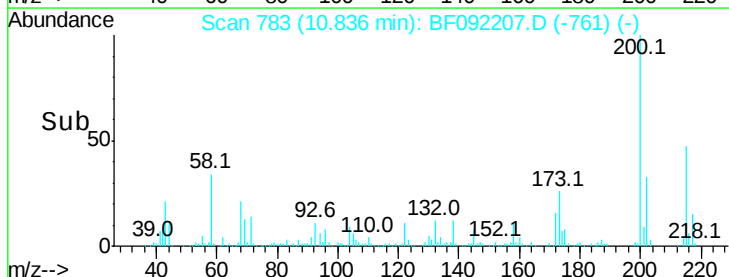
215 46.5 25.7 65.7

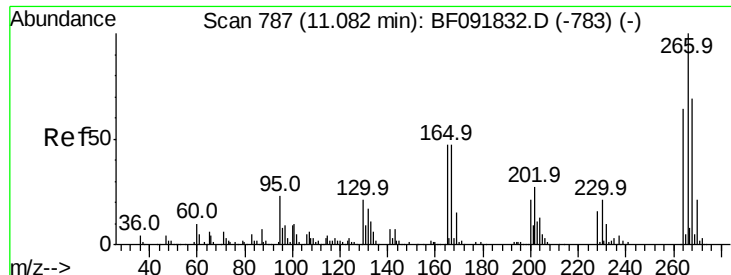


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

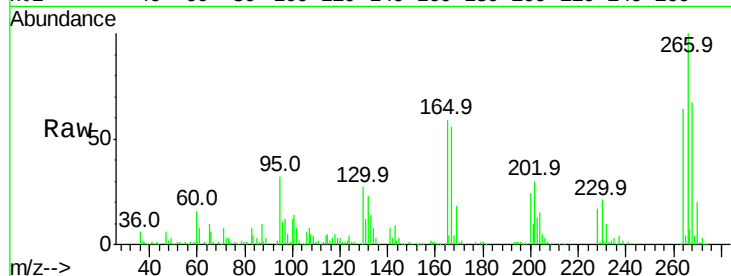




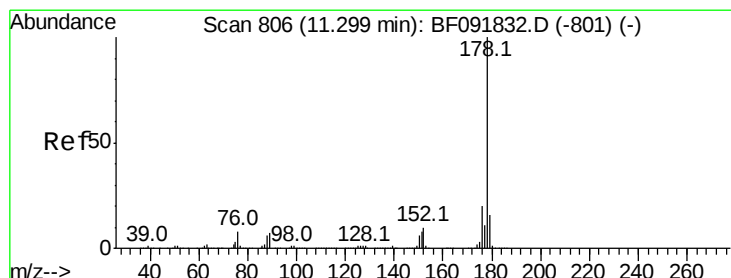
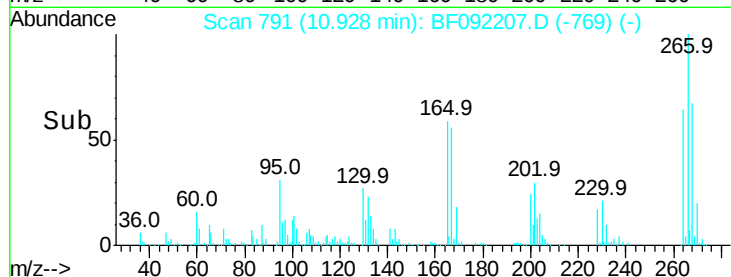
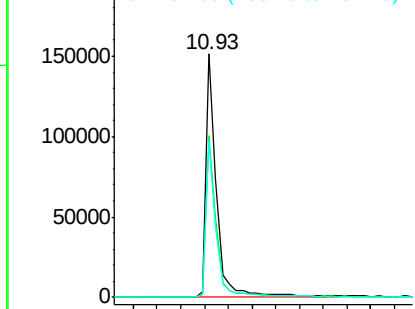
#69
 Pentachlorophenol
 Concen: 57.68 ng
 RT: 10.93 min Scan# 791
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 192920
 Ion Ratio Lower Upper
 266 100
 268 66.6 53.3 79.9
 264 64.4 50.3 75.5

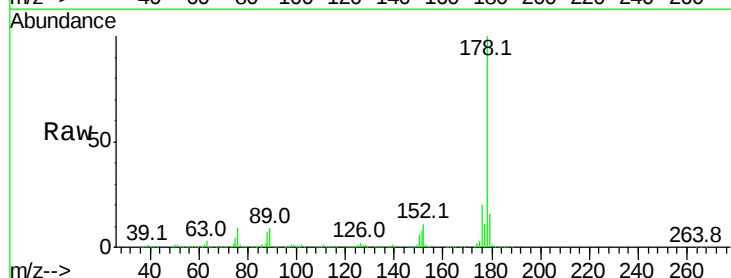


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

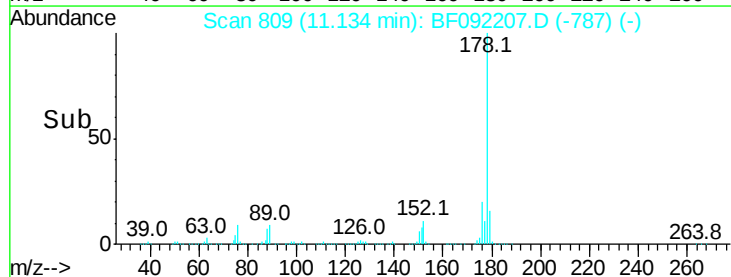
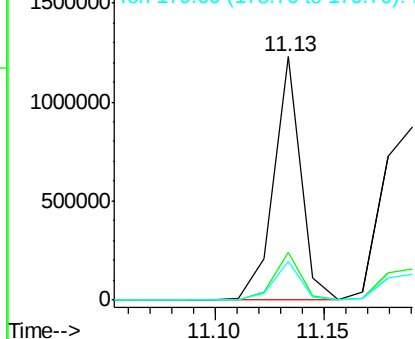


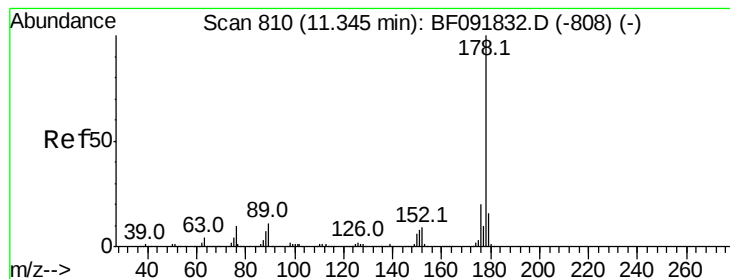
#70
 Phenanthrene
 Concen: 32.30 ng
 RT: 11.13 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion:178 Resp: 1073689
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 16.0 12.8 19.2



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





#71

Anthracene

Concen: 36.09 ng

RT: 11.19 min Scan# 814

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

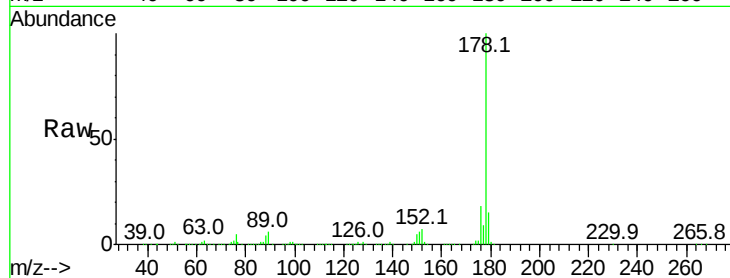
Tot Ion:178 Resp: 1137118

Ion Ratio Lower Upper

178 100

176 18.3 15.9 23.9

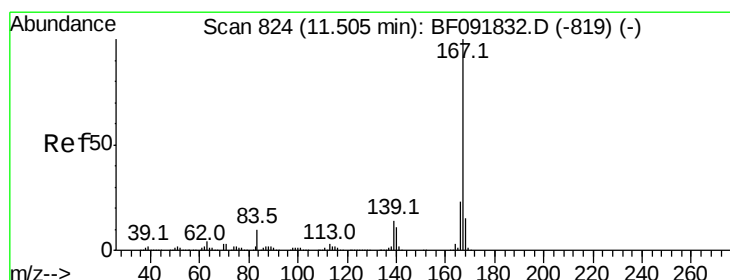
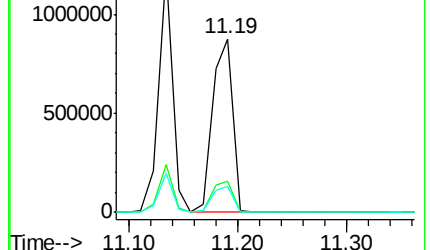
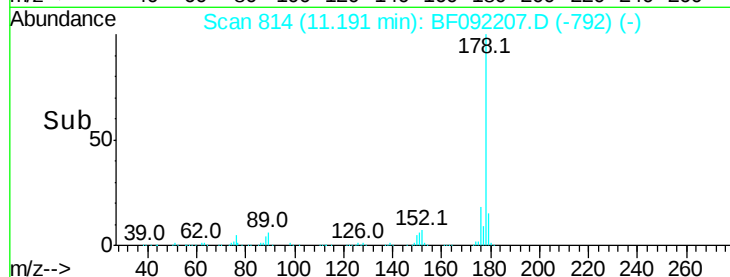
179 15.0 13.2 19.8



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



#72

Carbazole

Concen: 36.79 ng

RT: 11.35 min Scan# 828

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

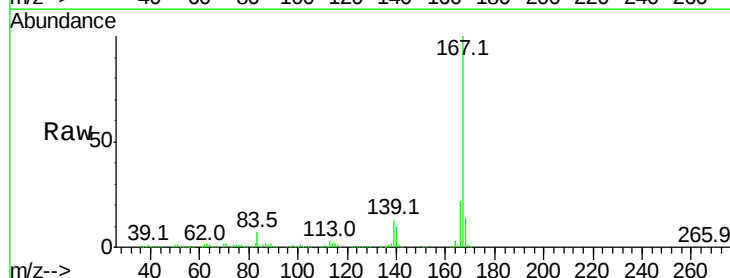
Tgt Ion:167 Resp: 1089054

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

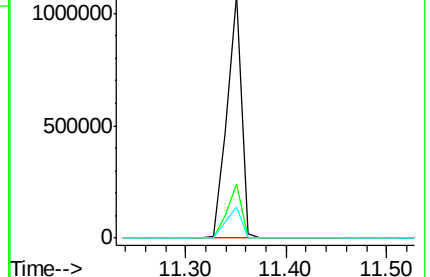
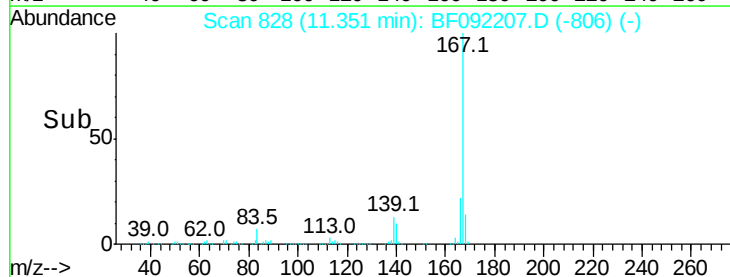
139 13.0 11.4 17.2

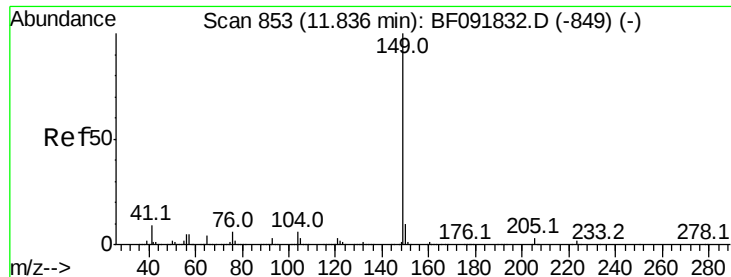


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.26 ng

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :

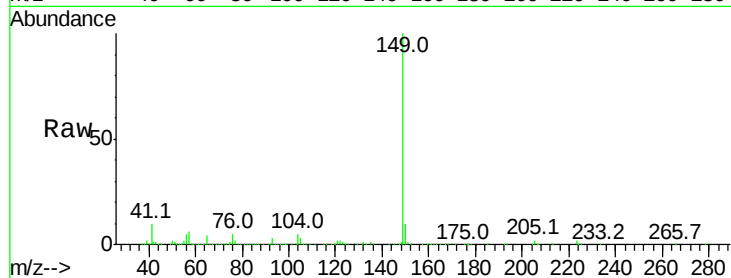
Tot Ion:149 Resp: 1224616

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

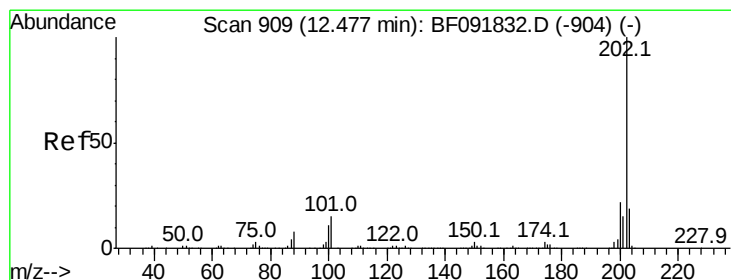
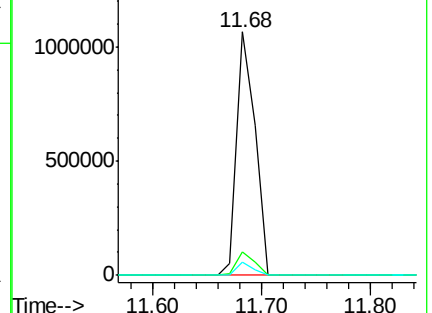
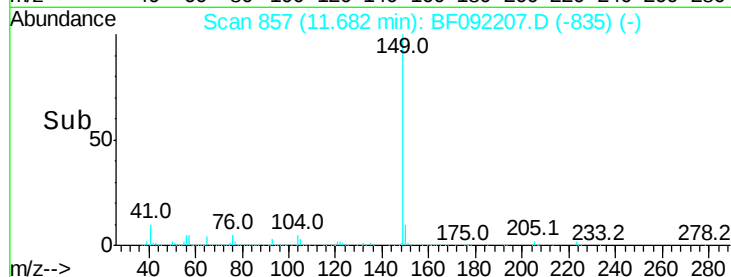
104 5.4 4.6 7.0



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: 35.40 ng

RT: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

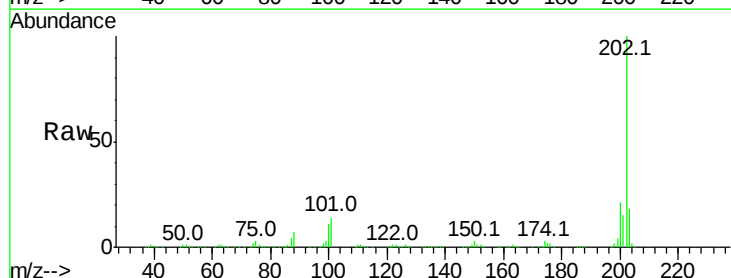
Tgt Ion:202 Resp: 1056096

Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.6

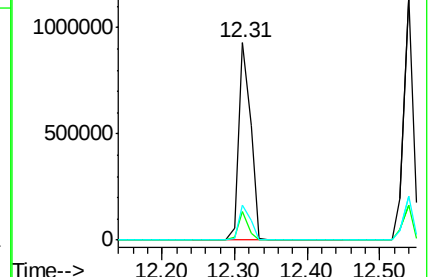
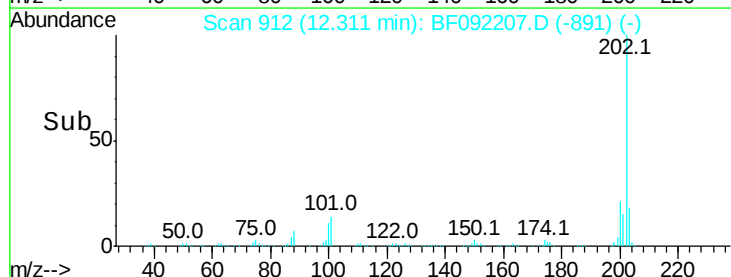
203 18.0 0.0 38.7

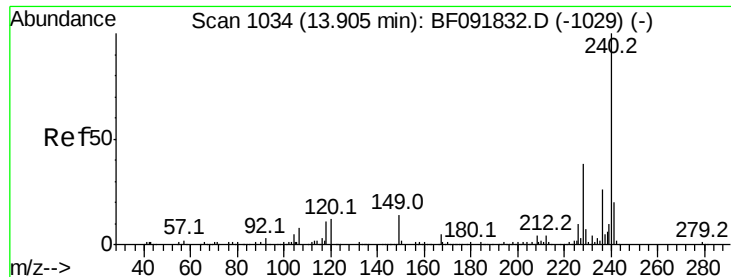


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampled :

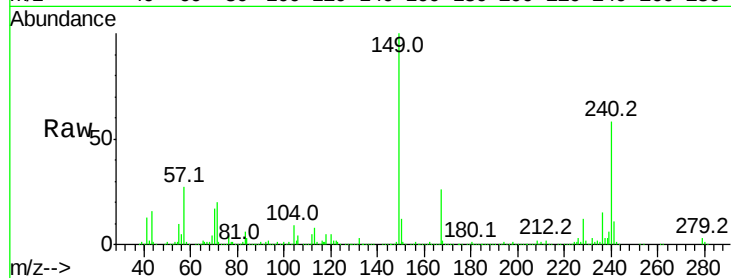
Tot Ion:240 Resp: 391198

Ion Ratio Lower Upper

240 100

120 9.2 12.9 19.3#

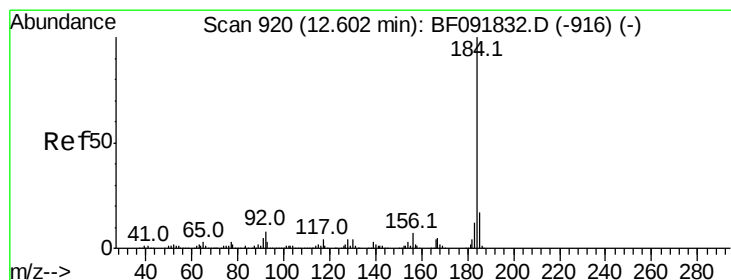
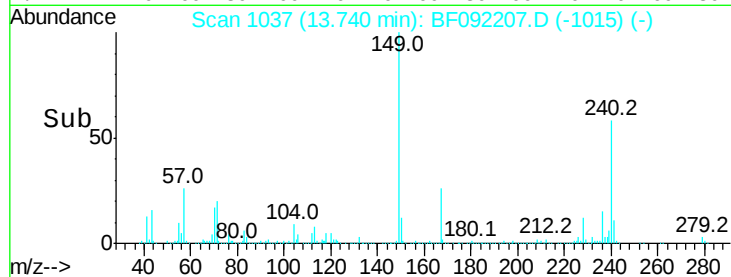
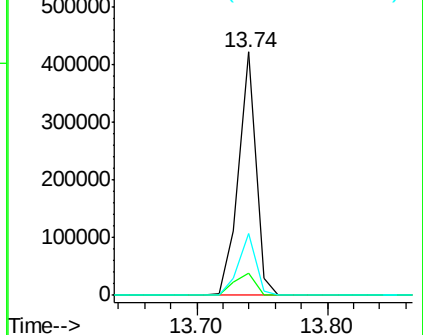
236 25.6 20.9 31.3



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: 6.99 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.05 min

Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

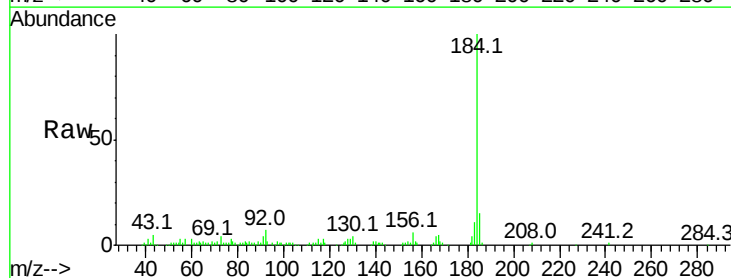
Tgt Ion:184 Resp: 103143

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

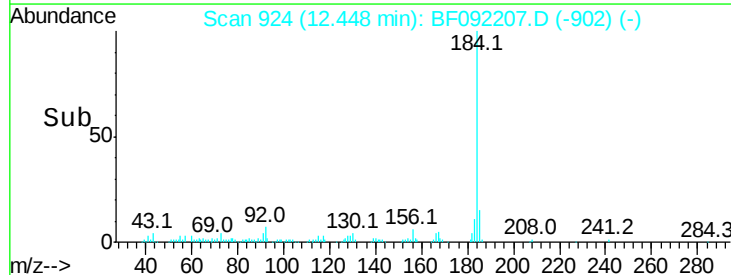
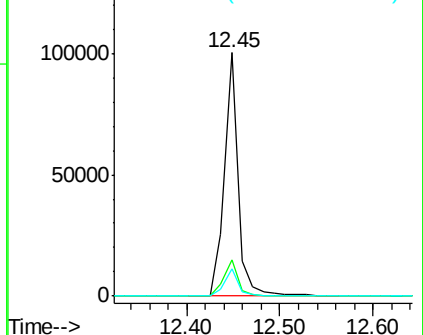
183 11.3 9.2 13.8

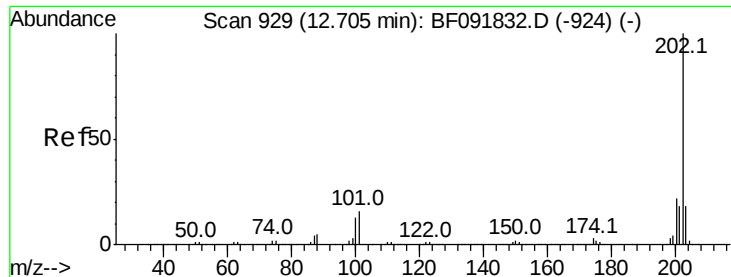


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

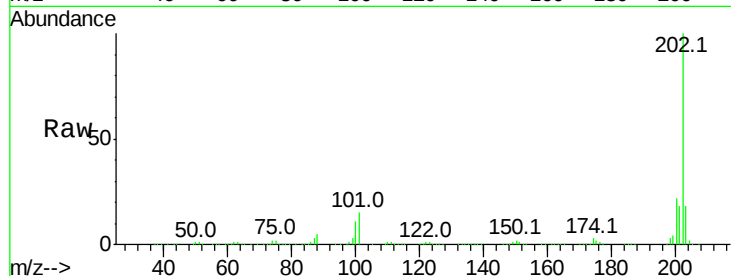




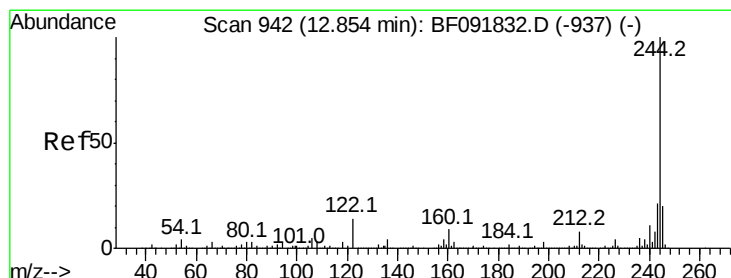
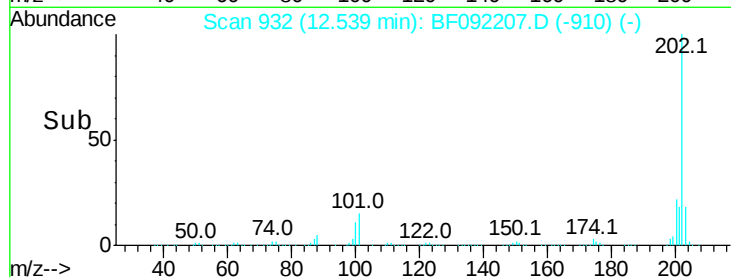
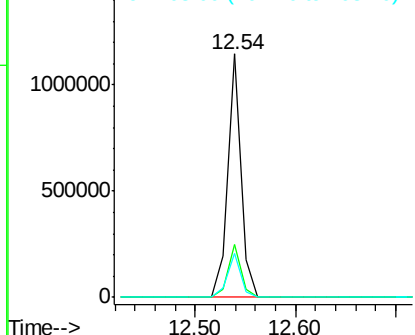
#77
Pvrene
Concen: 36.50 ng
RT: 12.54 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1047662
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 18.1 14.7 22.1

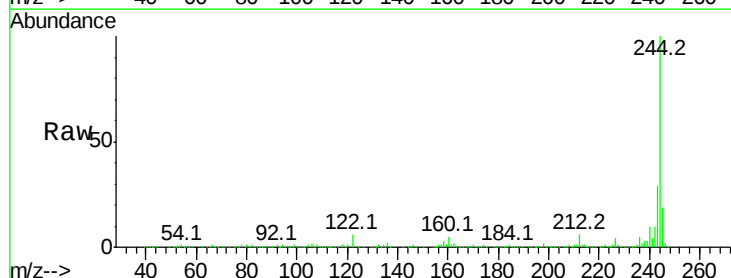


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

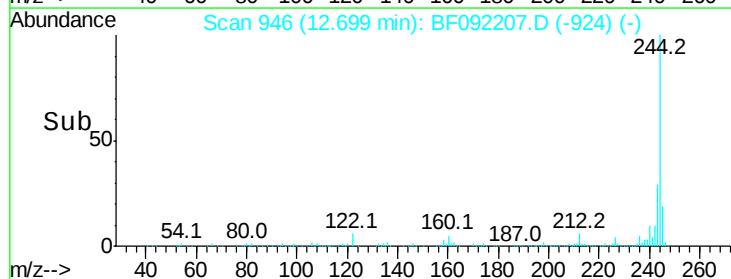
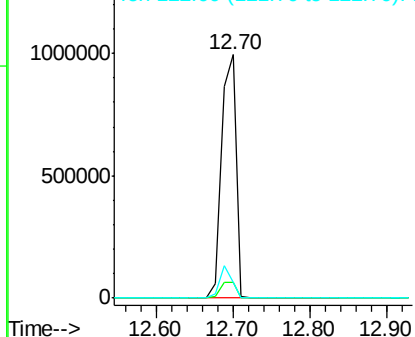


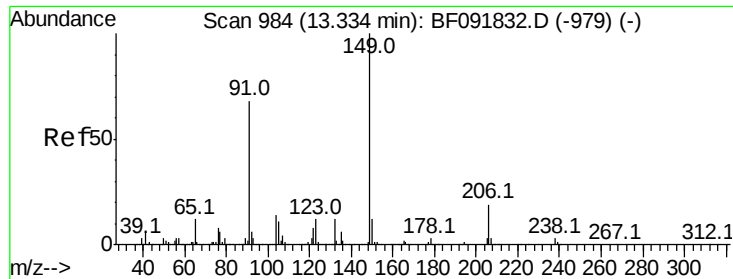
#78
Terphenyl-d14
Concen: 82.38 ng
RT: 12.70 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion:244 Resp: 1328797
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.2
122 6.5 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

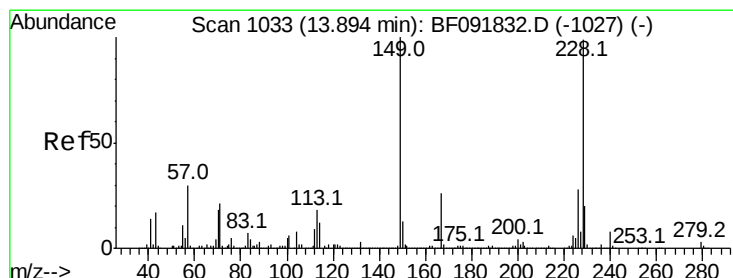
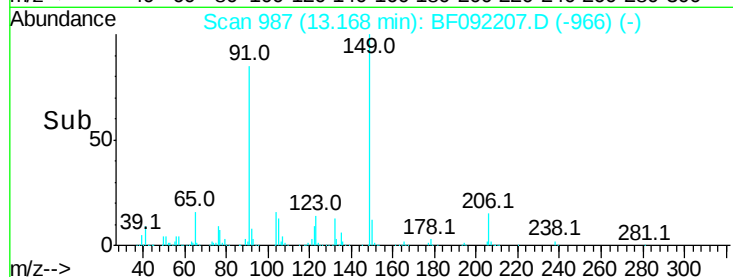
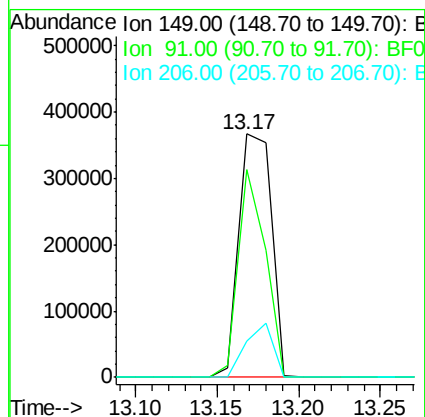
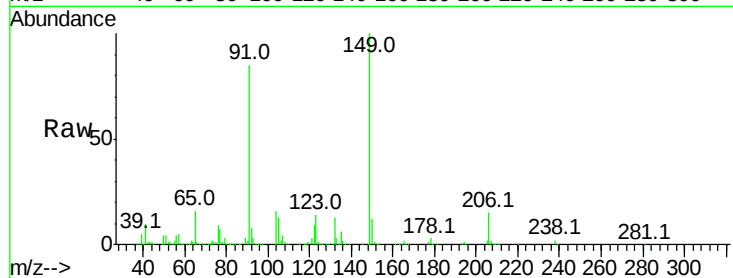




#79
Butylbenzylphthalate
Concen: 38.76 ng
RT: 13.17 min Scan# 987
Delta R.T. -0.06 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

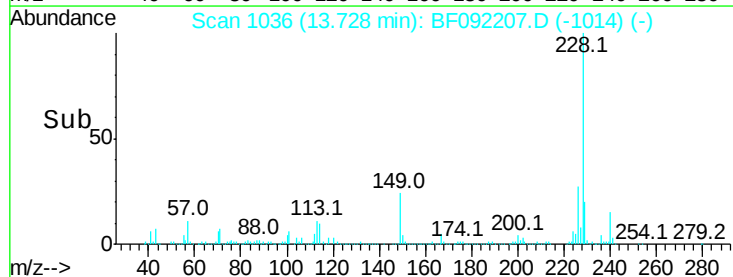
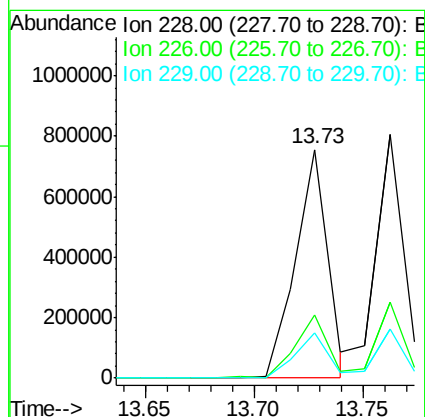
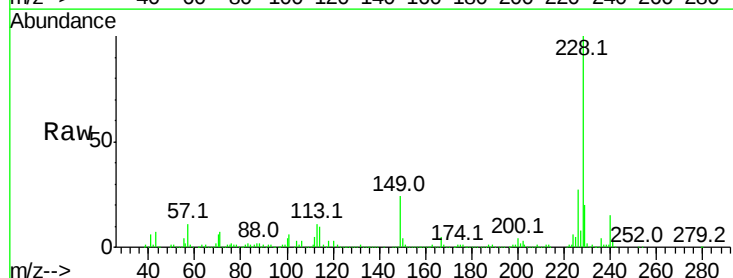
Instrument :
BNA_F
ClientSampled :

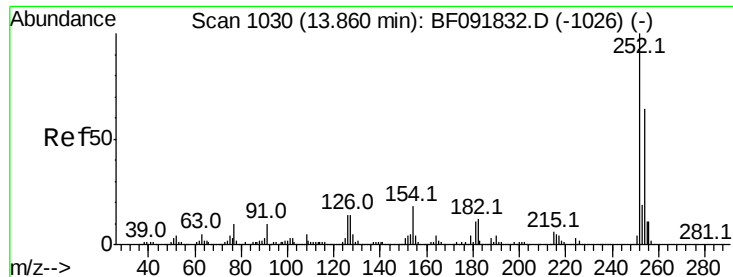
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.3	63.9	95.9
206	15.0	14.6	21.8



#80
Benzo(a)anthracene
Concen: 35.51 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.4	33.6
229	19.5	16.2	24.4

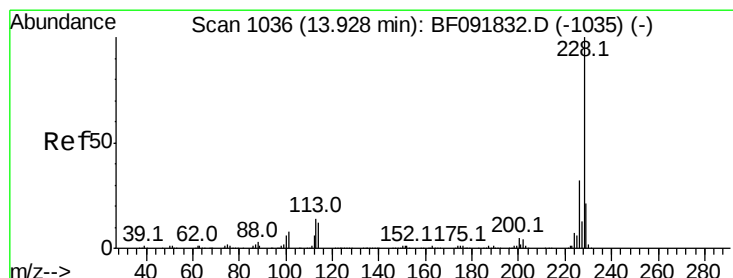
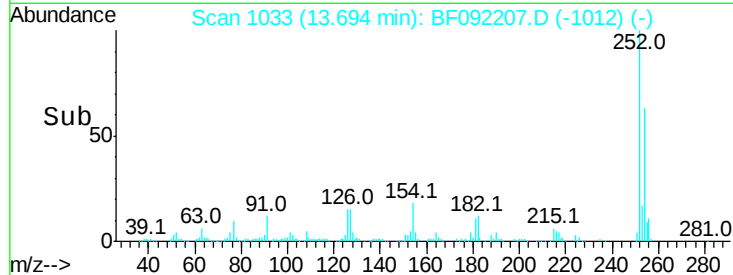
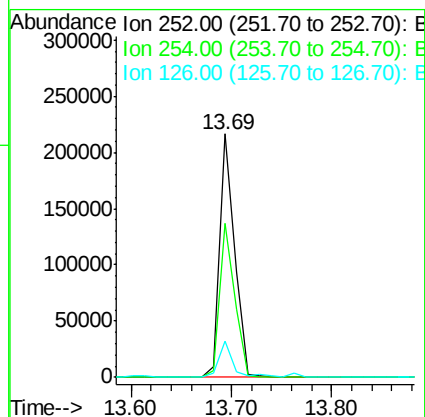
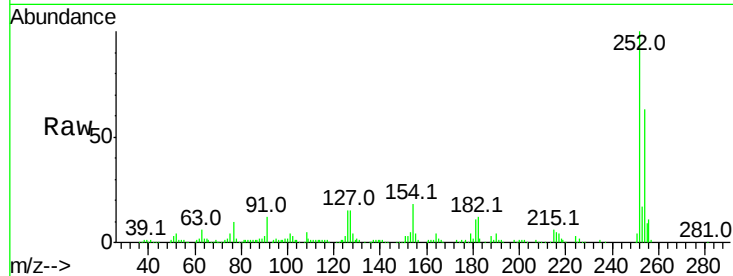




#81
 3,3'-Dichlorobenzidine
 Concen: 26.71 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.06 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

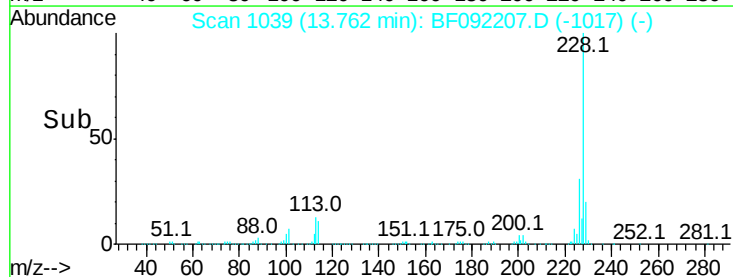
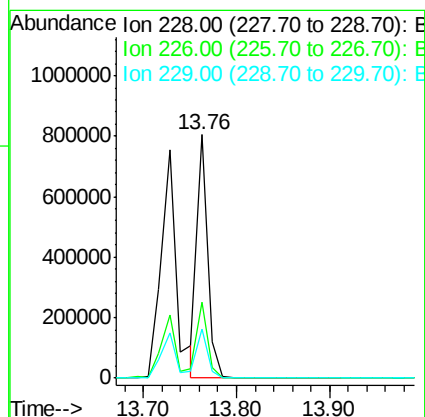
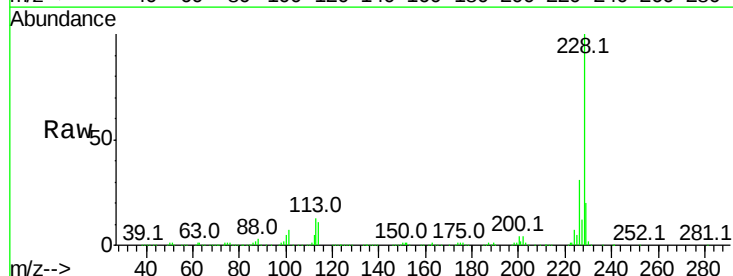
Instrument :
 BNA_F
 ClientSampled :

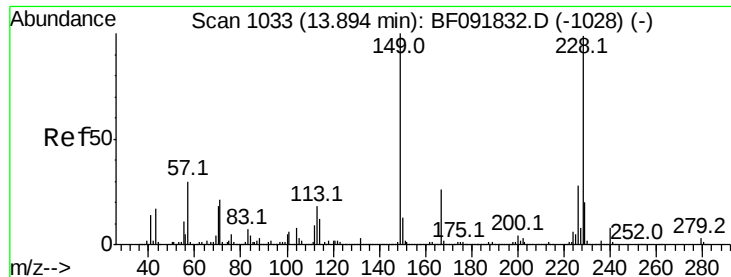
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.3	78.5
126	14.8	13.6	20.4



#82
 Chrysene
 Concen: 29.09 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	19.9	16.2	24.2

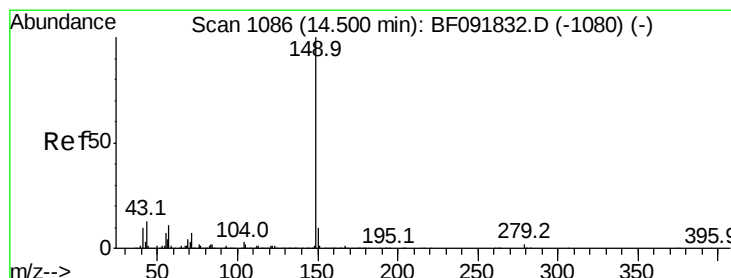
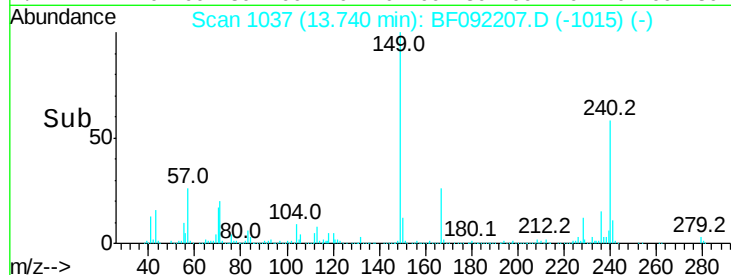
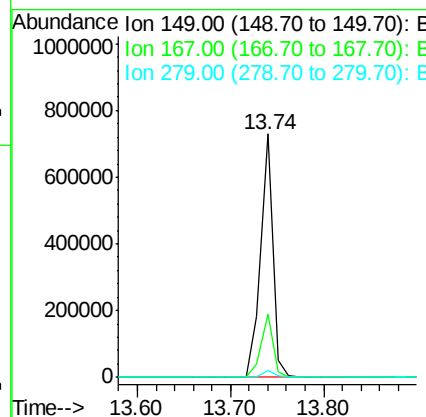
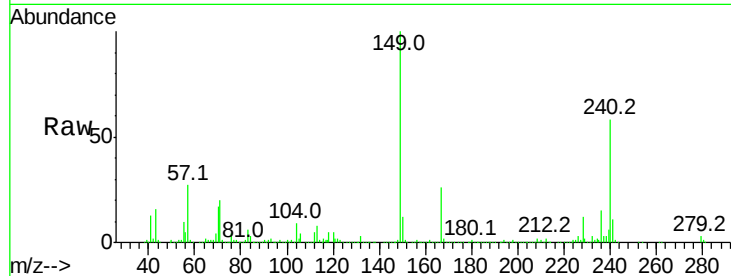




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.40 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

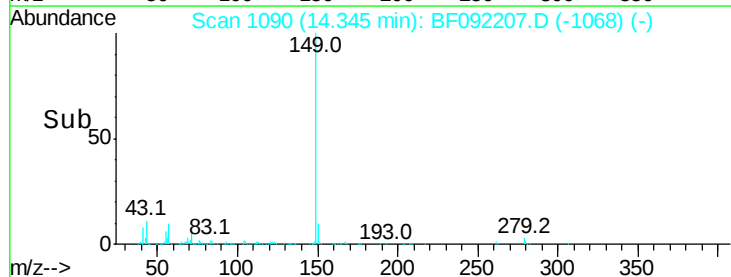
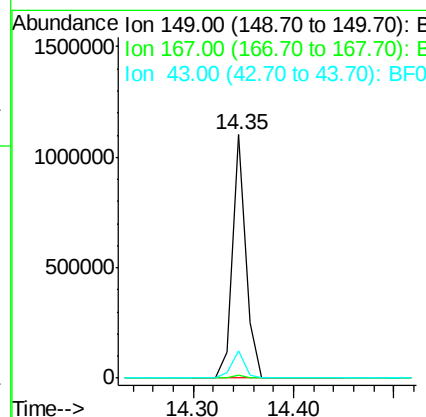
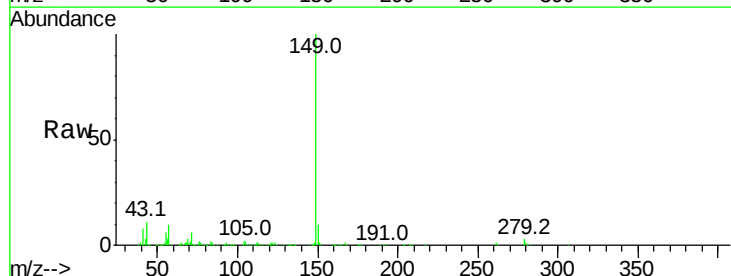
Instrument :
 BNA_F
 ClientSampleId :

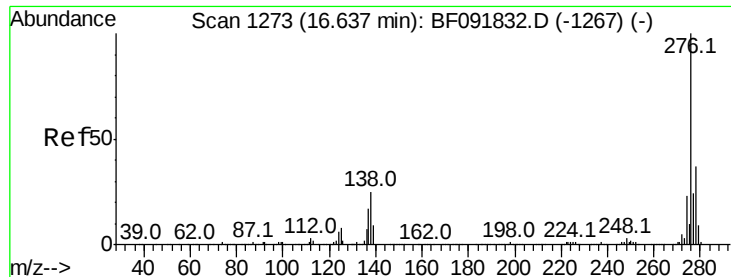
Tot Ion:149 Resp: 667217
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 35.74 ng
 RT: 14.35 min Scan# 1090
 Delta R.T. -0.05 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion:149 Resp: 1017772
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.6 8.9 13.3

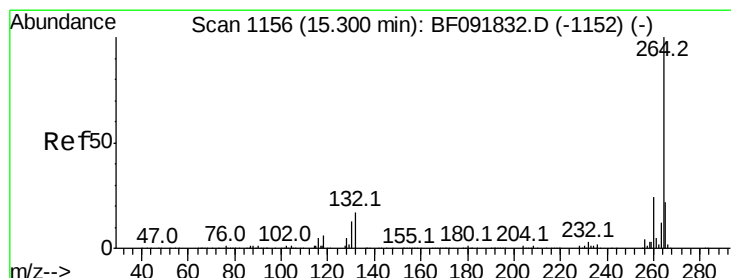
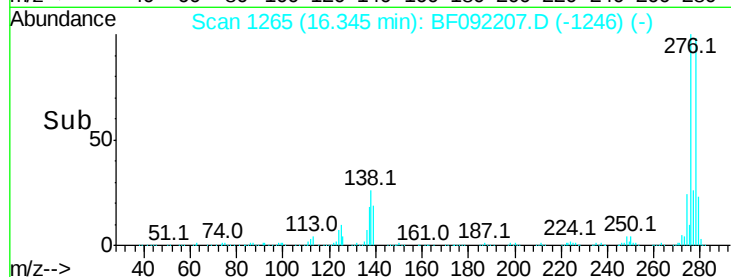
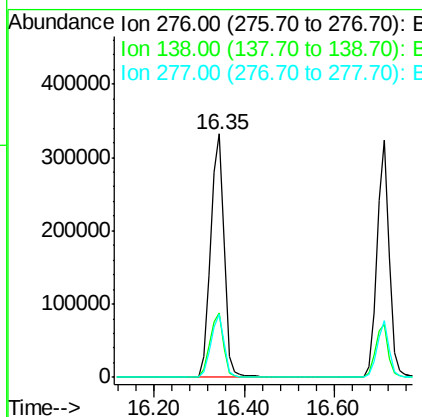
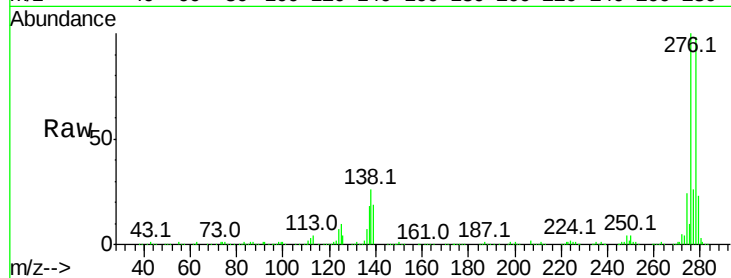




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.48 ng
 RT: 16.35 min Scan# 1265
 Delta R.T. -0.08 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

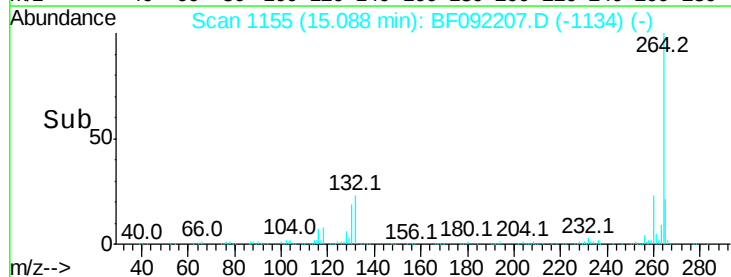
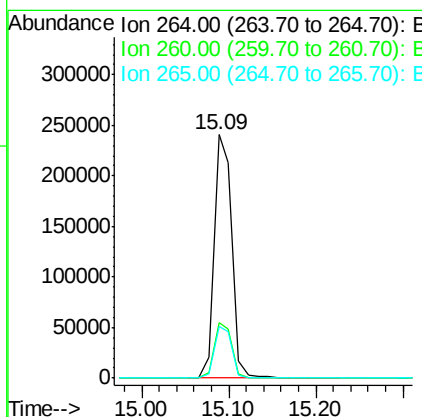
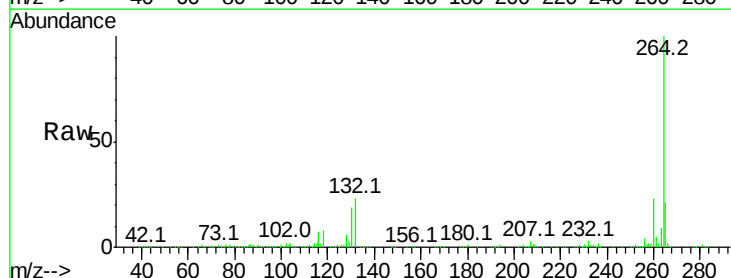
Instrument :
 BNA_F
 ClientSampleId :

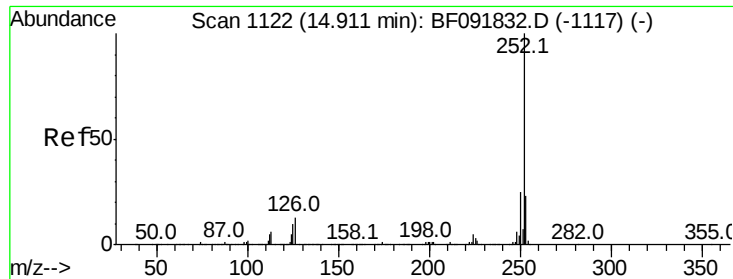
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1155
 Delta R.T. -0.06 min
 Lab File: BF092207.D
 Acq: 12 Jan 2017 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 63.20 ng

RT: 14.76 min Scan# 1126

Delta R.T. -0.02 min

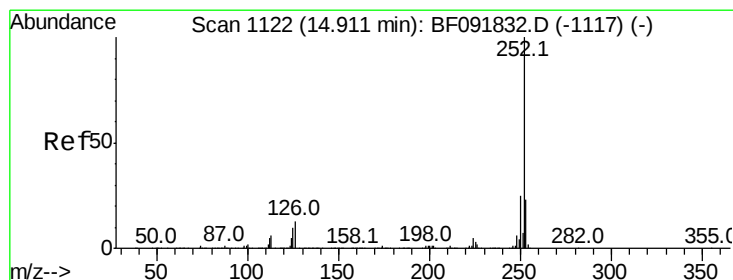
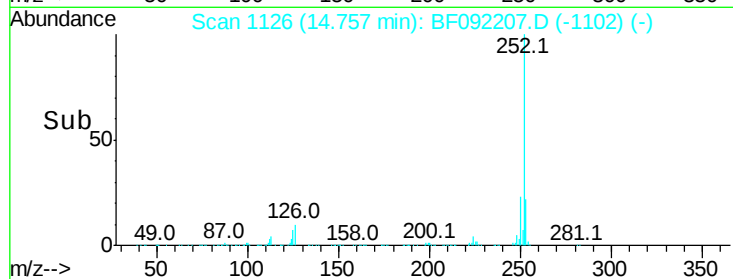
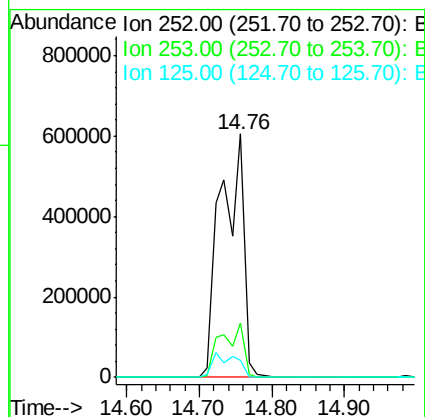
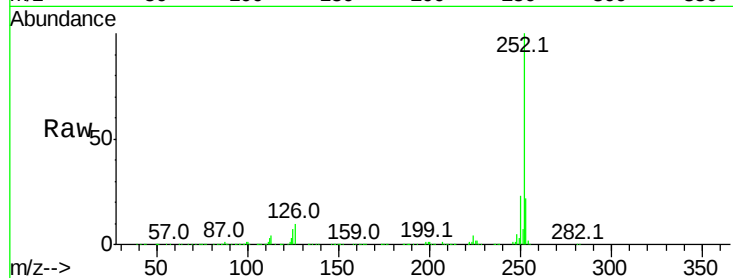
Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1344794

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	7.0	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 74.12 ng

RT: 14.76 min Scan# 1126

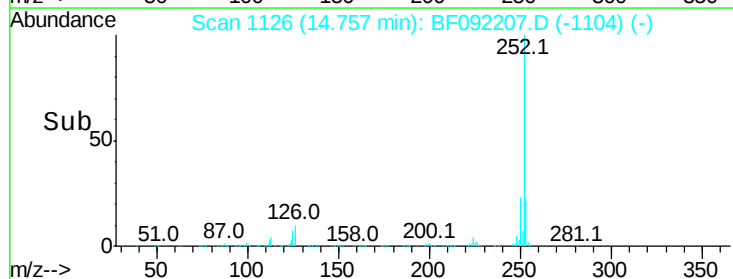
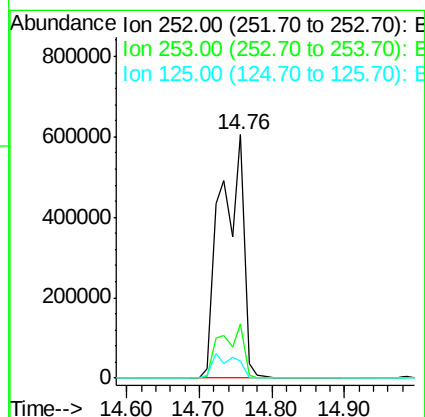
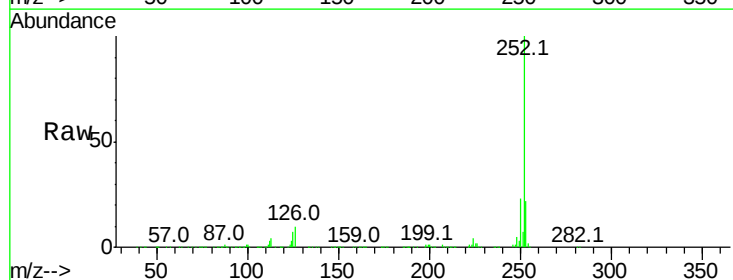
Delta R.T. -0.05 min

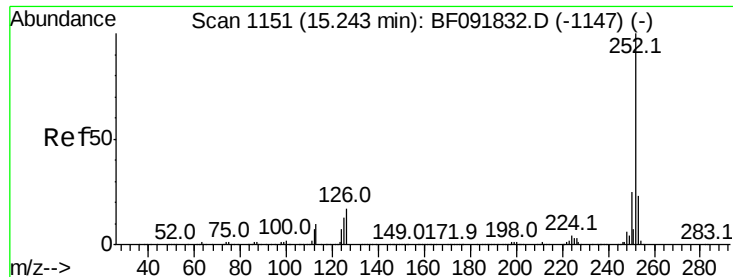
Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Tgt Ion:252 Resp: 1344794

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	7.0	8.9	13.3#

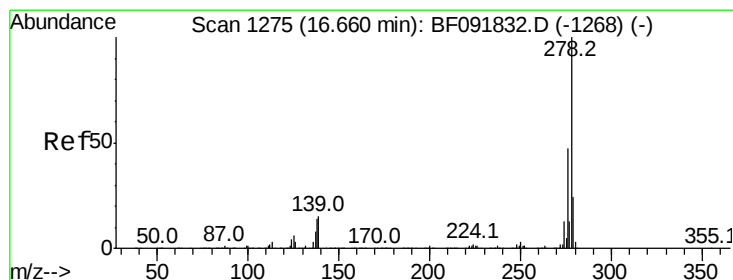
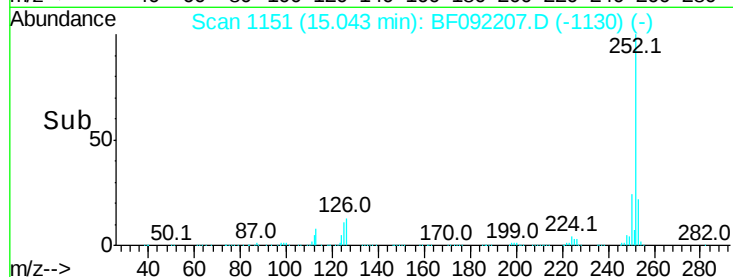
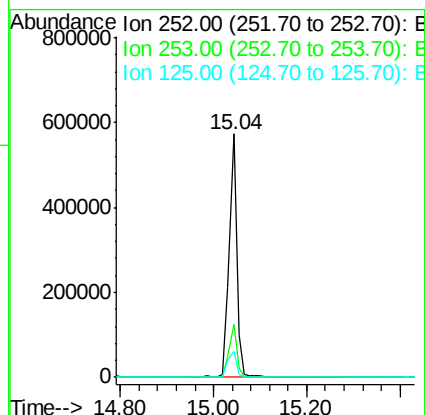
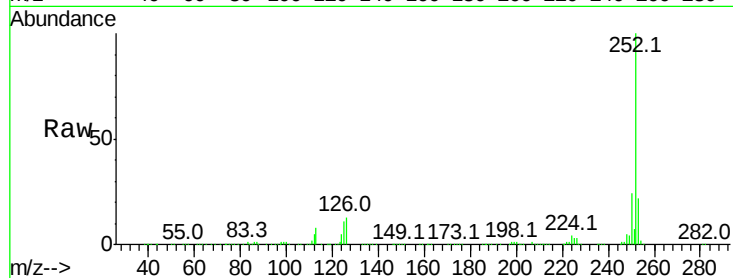




#89
Benzo(a)pyrene
Concen: 33.64 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

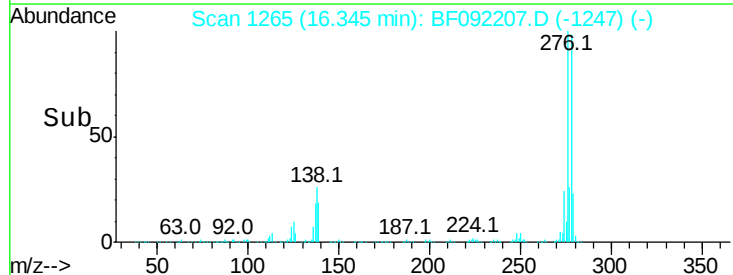
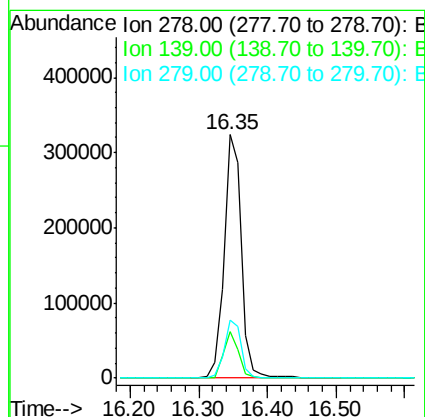
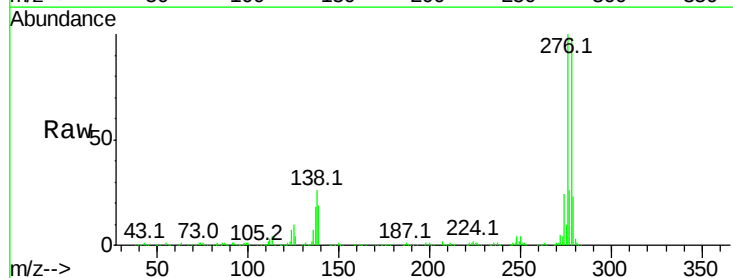
Instrument :
BNA_F
ClientSampleId :

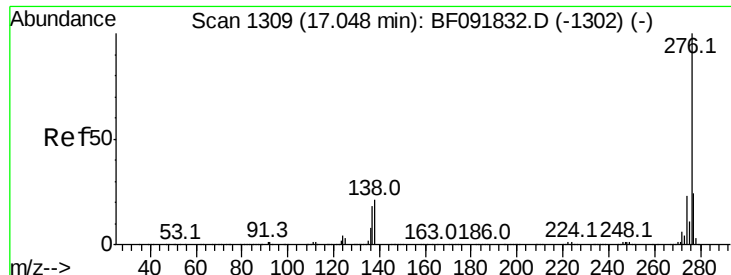
Tot Ion:252 Resp: 635341
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 10.7 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 37.06 ng
RT: 16.35 min Scan# 1265
Delta R.T. -0.09 min
Lab File: BF092207.D
Acq: 12 Jan 2017 14:48

Tgt Ion:278 Resp: 575205
Ion Ratio Lower Upper
278 100
139 19.3 14.8 22.2
279 24.0 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 37.74 ng

RT: 16.71 min Scan# 1297

Delta R.T. -0.09 min

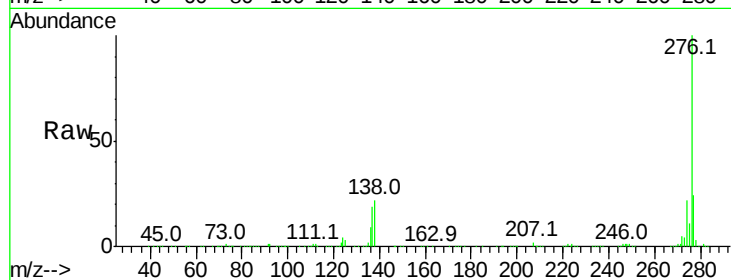
Lab File: BF092207.D

Acq: 12 Jan 2017 14:48

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 609059

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 22.4 16.0 24.0

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

