

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090135.D
 Acq On : 20 Sep 2016 13:32
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 16:27:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 15:52:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	161681	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	643518	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	330123	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	527113	20.00	ng	0.00
75) Chrysene-d12	13.65	240	351214	20.00	ng	0.01
86) Perylene-d12	14.96	264	278080	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1386643	69.90	ng	0.01
7) Phenol-d6	6.19	99	1706401	69.65	ng	0.02
23) Nitrobenzene-d5	7.11	82	1581802	71.24	ng	0.01
41) 2,4,6-Tribromophenol	10.35	330	429225	75.78	ng	0.01
44) 2-Fluorobiphenyl	8.90	172	2213618	65.82	ng	0.01
78) Terphenyl-d14	12.62	244	1985377	71.76	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.93	88	392083	72.85	ng	98
3) Pyridine	2.52	79	1012841	86.78	ng	100
4) n-Nitrosodimethylamine	2.50	42	302784	86.93	ng	96
6) Aniline	6.19	93	1099523	72.01	ng	# 84
8) 2-Chlorophenol	6.31	128	783905	68.69	ng	97
9) Benzaldehyde	6.07	77	418103	78.32	ng	93
10) Phenol	6.20	94	1050179	72.52	ng	# 73
11) bis(2-Chloroethyl)ether	6.27	93	788532	69.83	ng	97
12) 1,3-Dichlorobenzene	6.47	146	890638	74.70	ng	97
13) 1,4-Dichlorobenzene	6.55	146	881294	72.39	ng	96
14) 1,2-Dichlorobenzene	6.55	146	863316	79.61	ng	99
15) Benzyl Alcohol	6.68	79	493946	67.62	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.82	45	925536	68.59	ng	78
17) 2-Methylphenol	6.81	107	663582	73.82	ng	96
18) Hexachloroethane	7.04	117	322001	74.16	ng	# 91
19) n-Nitroso-di-n-propylamine	6.98	70	578024	80.32	ng	96
20) 3+4-Methylphenols	6.97	107	716168	66.35	ng	95
22) Acetophenone	6.96	105	1163877	75.00	ng	# 99
24) Nitrobenzene	7.13	77	923475	79.84	ng	# 79
25) Isophorone	7.37	82	1788210	77.10	ng	98
26) 2-Nitrophenol	7.44	139	478816	84.07	ng	94
27) 2,4-Dimethylphenol	7.50	122	709593	70.12	ng	98
28) bis(2-Chloroethoxy)methane	7.59	93	938282	66.88	ng	100
29) 2,4-Dichlorophenol	7.69	162	659344	74.28	ng	97
30) 1,2,4-Trichlorobenzene	7.76	180	601153	67.80	ng	99
31) Naphthalene	7.84	128	2107543	68.78	ng	99
32) Benzoic acid	7.68	122	593903	85.49	ng	96
33) 4-Chloroaniline	7.90	127	883096	69.48	ng	99
34) Hexachlorobutadiene	7.96	225	326964	69.91	ng	99
35) Caprolactam	8.31	113	249910	85.07	ng	98
36) 4-Chloro-3-methylphenol	8.40	107	705371	70.31	ng	97
37) 2-Methylnaphthalene	8.52	142	1223334	64.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	509993	67.30	ng	100
40) Hexachlorocyclopentadiene	8.68	237	300184	80.28	ng	99

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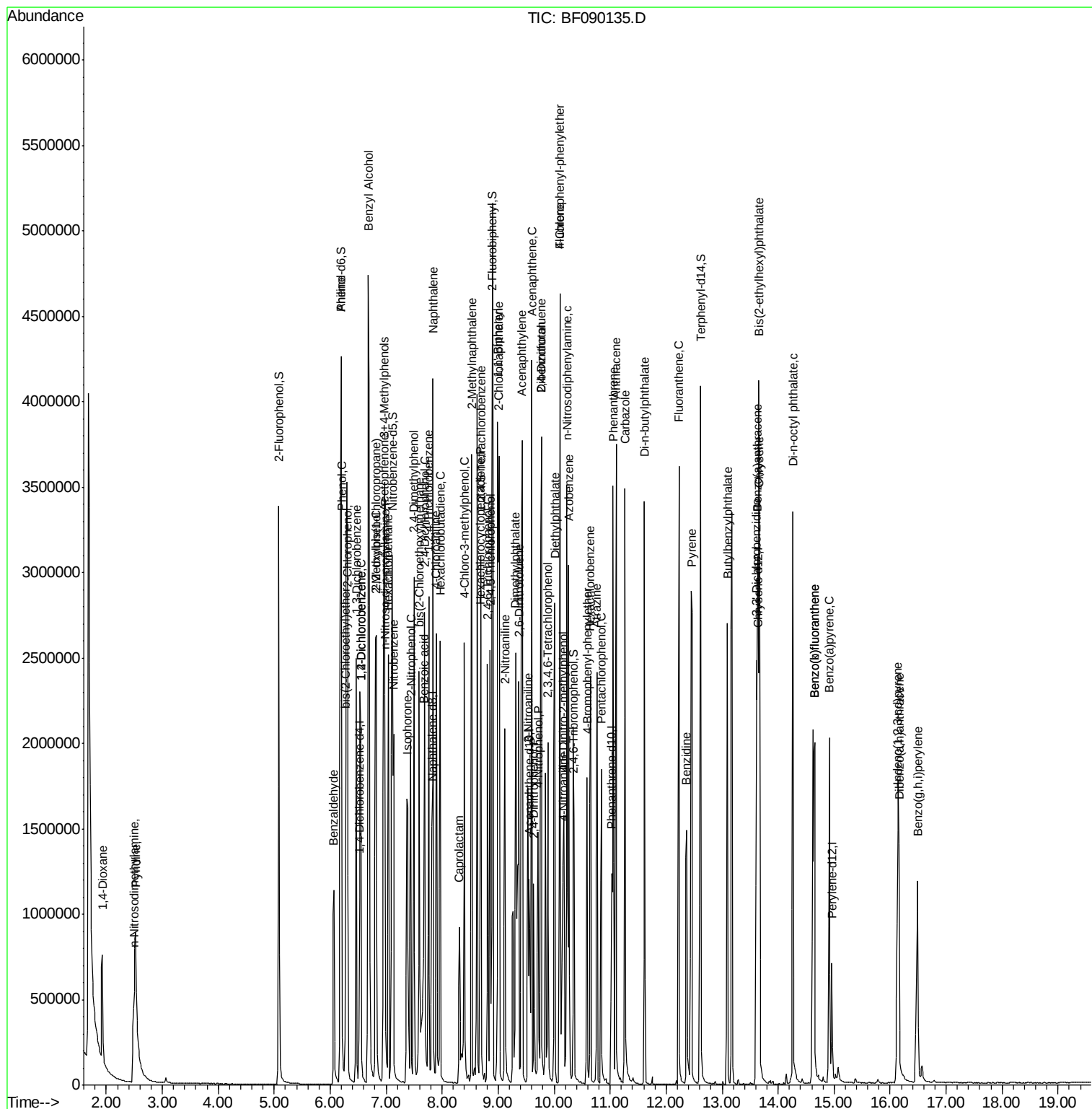
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42) 2,4,6-Trichlorophenol	8.81	196	400259	74.13	nq	99
43) 2,4,5-Trichlorophenol	8.86	196	419921	75.10	nq	# 90
45) 1,1'-Biphenyl	8.99	154	1493857	63.25	nq	98
46) 2-Chloronaphthalene	9.02	162	1210950	69.50	nq	99
47) 2-Nitroaniline	9.12	65	447478	85.18	nq	92
48) Acenaphthylene	9.43	152	2011349	71.08	nq	100
49) Dimethylphthalate	9.31	163	1482000	70.48	nq	99
50) 2,6-Dinitrotoluene	9.37	165	391254	83.49	nq	# 79
51) Acenaphthene	9.60	154	1219294	72.59	nq	100
52) 3-Nitroaniline	9.53	138	420411	76.51	nq	94
53) 2,4-Dinitrophenol	9.63	184	206668	78.89	nq	# 83
54) Dibenzofuran	9.77	168	1561474	70.64	nq	99
55) 4-Nitrophenol	9.71	139	346074	91.94	nq	95
56) 2,4-Dinitrotoluene	9.77	165	431965	77.95	nq	# 79
57) Fluorene	10.10	166	1076684	64.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	293557	70.13	nq	98
59) Diethylphthalate	10.01	149	1526627	75.18	nq	96
60) 4-Chlorophenyl-phenylether	10.10	204	431042	56.75	nq	96
61) 4-Nitroaniline	10.16	138	466905	83.38	nq	99
62) Azobenzene	10.26	77	1431494	67.72	nq	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	257695	78.05	nq	# 60
65) n-Nitrosodiphenylamine	10.23	169	1122025	64.73	nq	100
66) 4-Bromophenyl-phenylether	10.59	248	378094	72.89	nq	98
67) Hexachlorobenzene	10.65	284	442772	73.24	nq	96
68) Atrazine	10.77	200	319303	67.22	nq	97
69) Pentachlorophenol	10.85	266	290444	84.65	nq	98
70) Phenanthrene	11.05	178	1654816	67.13	nq	99
71) Anthracene	11.11	178	1878813	72.67	nq	99
72) Carbazole	11.27	167	1969176	72.04	nq	99
73) Di-n-butylphthalate	11.61	149	1961307	61.71	nq	99
74) Fluoranthene	12.23	202	1744775	65.94	nq	98
76) Benzidine	12.37	184	966880	82.25	nq	99
77) Pyrene	12.46	202	1900105	79.06	nq	99
79) Butylbenzylphthalate	13.10	149	1032591	87.84	nq	98
80) Benzo(a)anthracene	13.63	228	1423899	75.36	nq	99
81) 3,3'-Dichlorobenzidine	13.61	252	592253	76.00	nq	98
82) Chrysene	13.67	228	1009893	54.87	nq	100
83) Bis(2-ethylhexyl)phthalate	13.66	149	1054863	70.12	nq	100
84) Di-n-octyl phthalate	14.26	149	1821206	70.27	nq	99
85) Indeno(1,2,3-cd)pyrene	16.14	276	1158136	77.82	nq	98
87) Benzo(b)fluoranthene	14.65	252	2366224	153.67	nq	# 92
88) Benzo(k)fluoranthene	14.65	252	2372720	164.19	nq	98
89) Benzo(a)pyrene	14.91	252	1047449	72.31	nq	# 95
90) Dibenzo(a,h)anthracene	16.16	278	942034	83.34	nq	97
91) Benzo(g,h,i)perylene	16.49	276	979799	88.56	nq	94

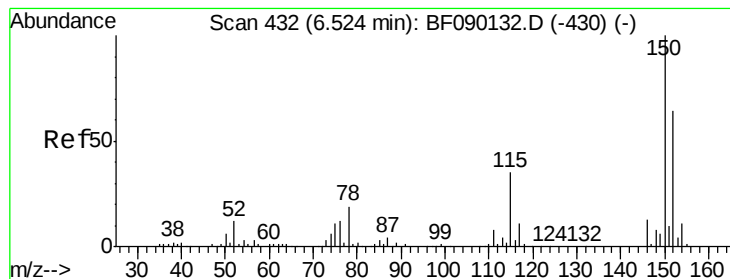
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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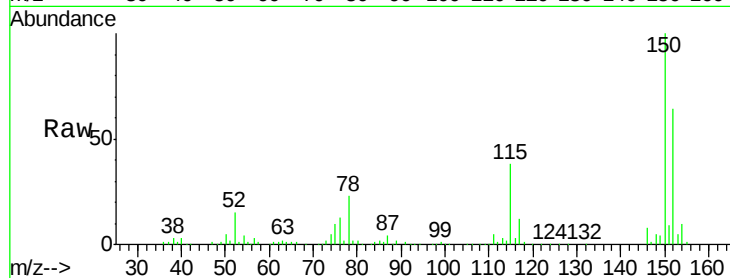


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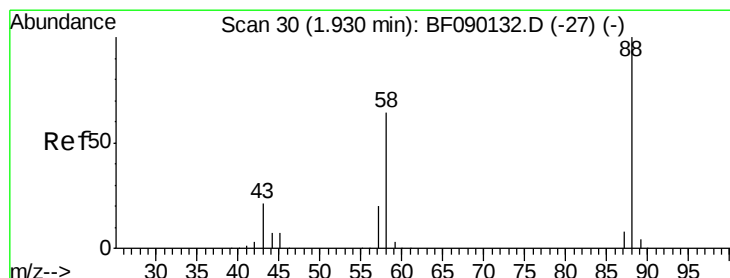
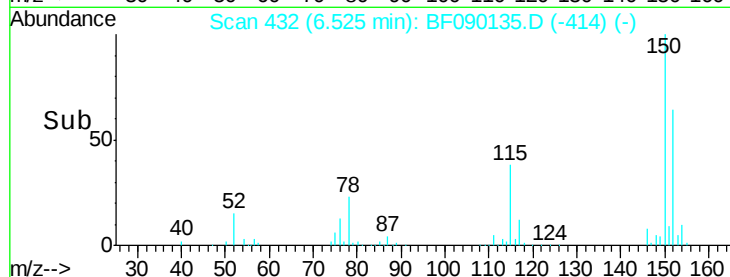
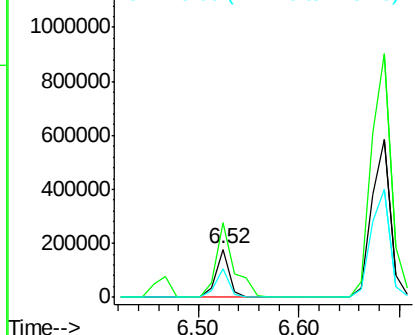
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161681
Ion Ratio Lower Upper
152 100
150 156.8 128.9 193.3
115 59.6 55.5 83.3



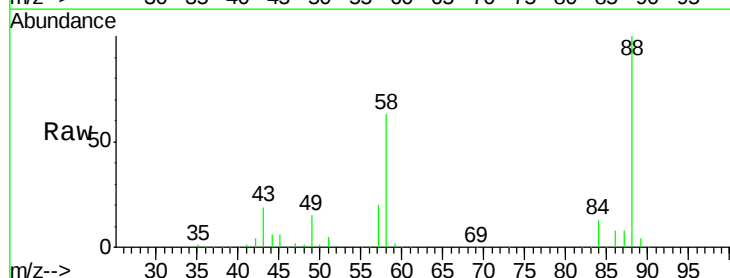
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



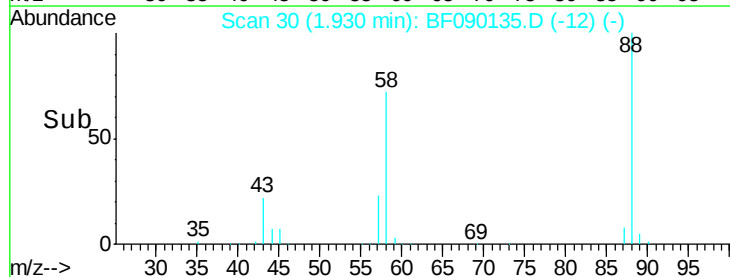
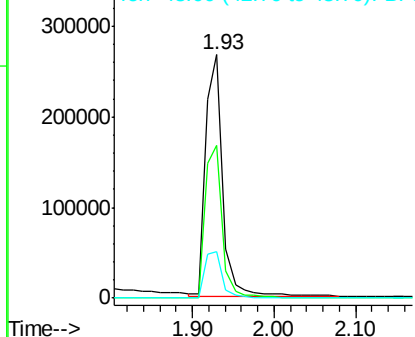
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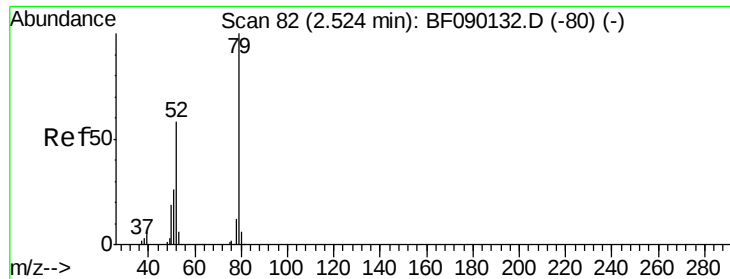
1,4-Dioxane
Concen: 72.85 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion: 88 Resp: 392083
Ion Ratio Lower Upper
88 100
58 64.5 53.4 80.0
43 20.8 16.5 24.7



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: 86.78 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampled :

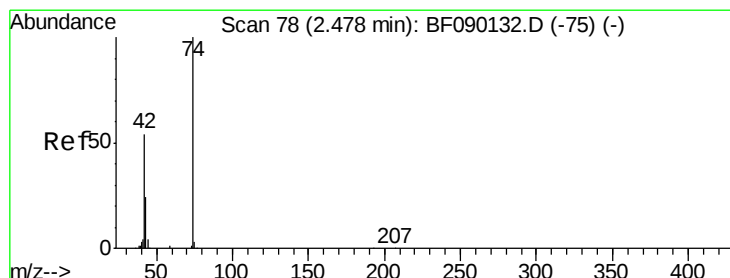
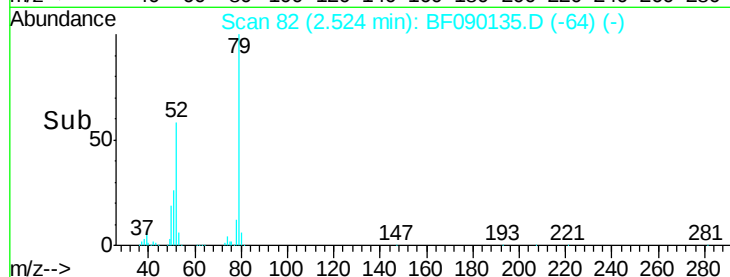
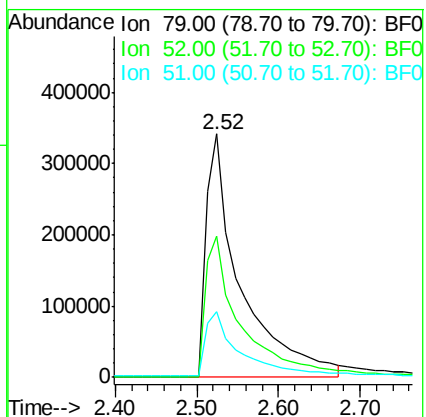
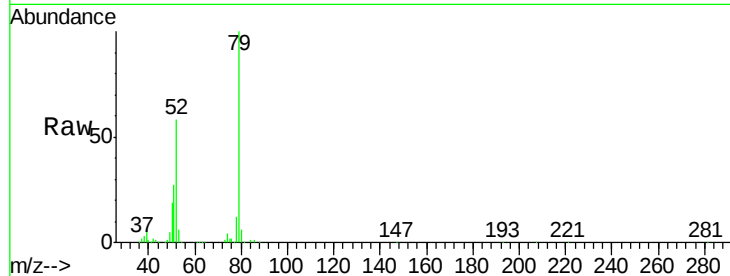
Tot Ion: 79 Resp: 1012841

Ion Ratio Lower Upper

79 100

52 57.8 45.9 68.9

51 26.7 21.3 31.9



#4

n-Nitrosodimethylamine

Concen: 86.93 ng

RT: 2.50 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

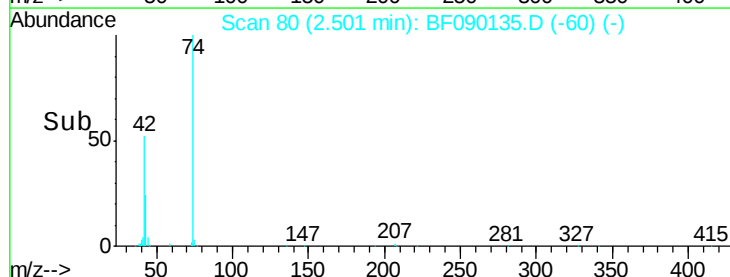
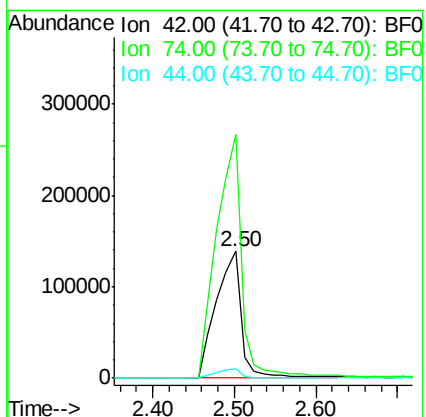
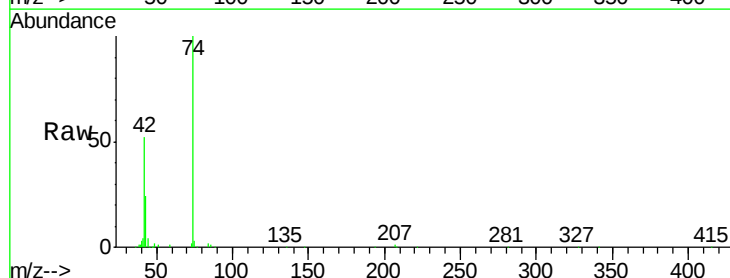
Tgt Ion: 42 Resp: 302784

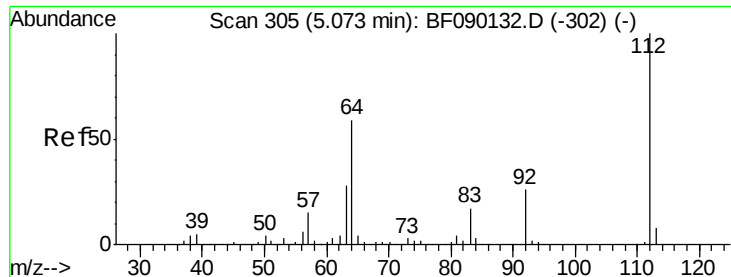
Ion Ratio Lower Upper

42 100

74 191.9 158.7 238.1

44 7.3 6.4 9.6





#5

2-Fluorophenol

Concen: 69.90 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

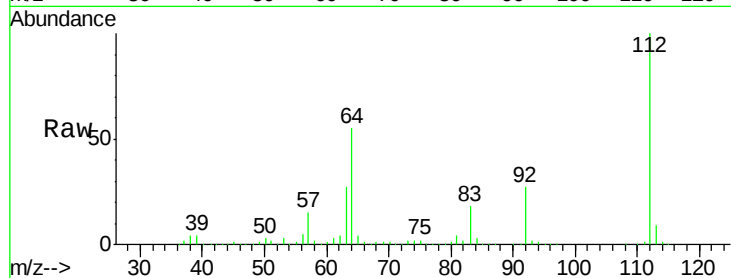
Tot Ion:112 Resp: 1386643

Ion Ratio Lower Upper

112 100

64 54.6 39.8 59.6

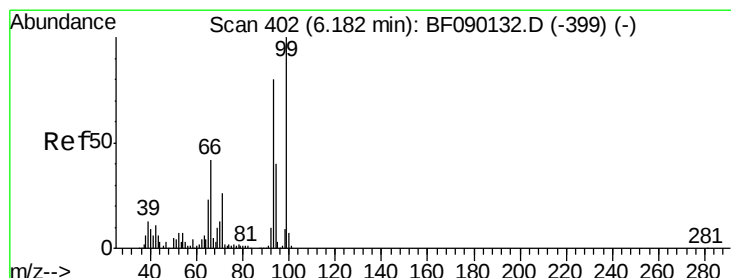
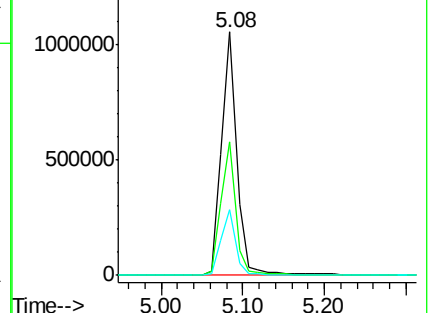
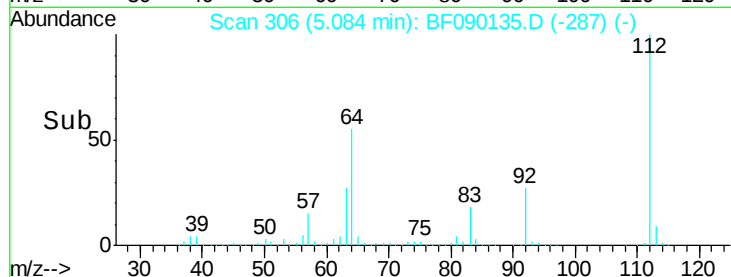
63 27.0 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 72.01 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

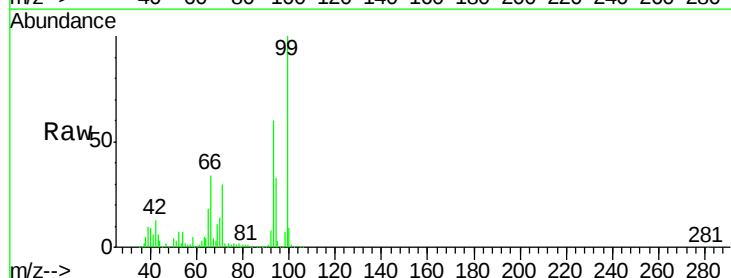
Tgt Ion: 93 Resp: 1099523

Ion Ratio Lower Upper

93 100

66 56.4 54.2 81.2

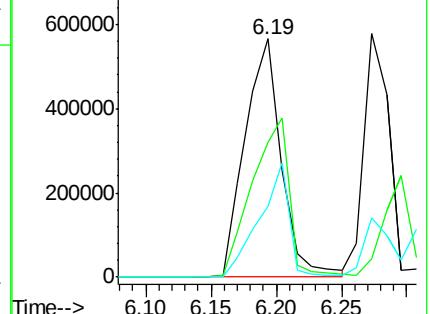
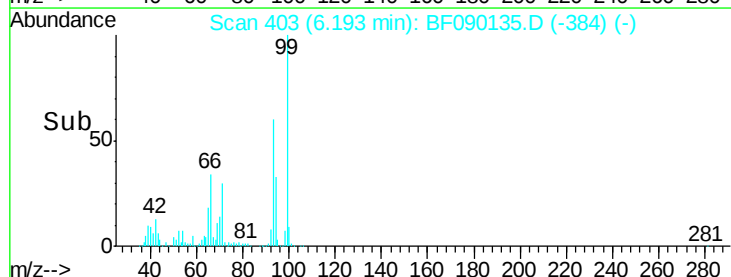
65 29.8 33.8 50.6#

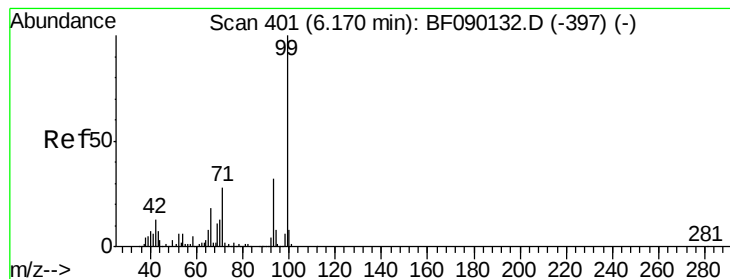


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.65 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.02 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

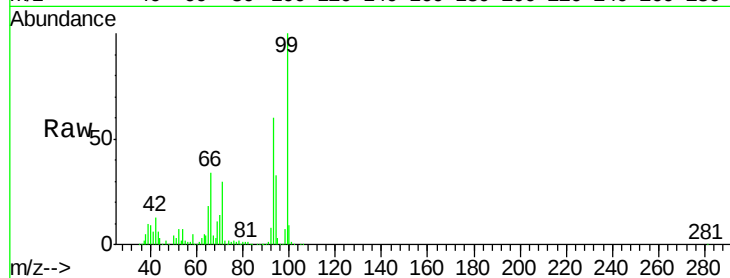
Tot Ion: 99 Resp: 1706401

Ion Ratio Lower Upper

99 100

42 13.0 10.6 15.8

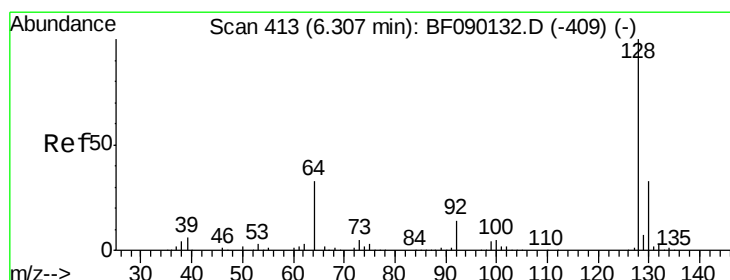
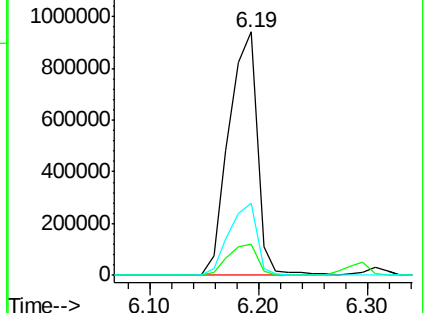
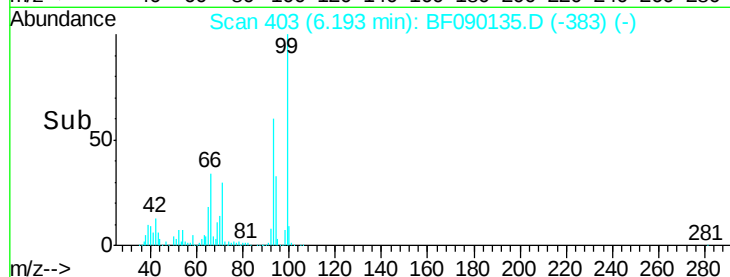
71 29.5 23.0 34.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 68.69 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

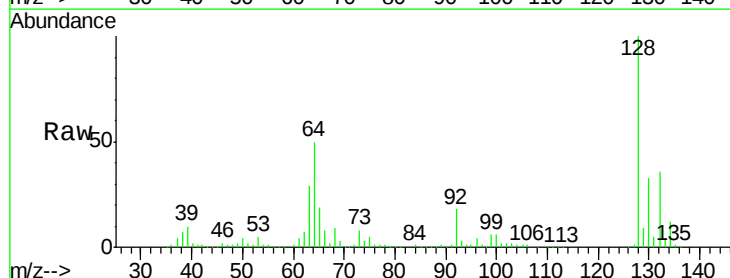
Tgt Ion: 128 Resp: 783905

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

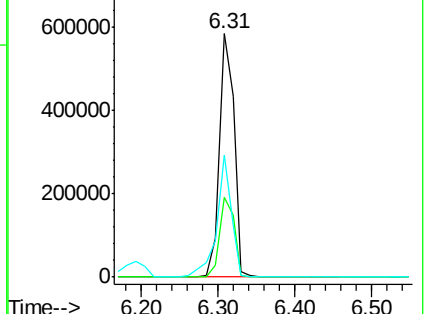
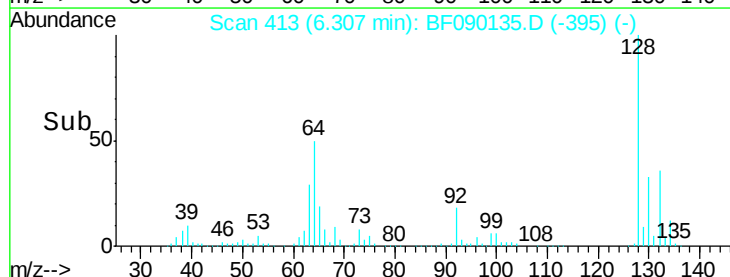
64 50.3 33.6 73.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 78.32 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF090135.D

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ClientSampleId :

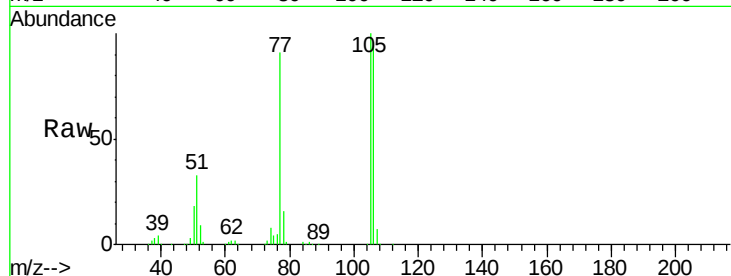
Tot Ion: 77 Resp: 418103

Ion Ratio Lower Upper

77 100

105 109.6 83.0 123.0

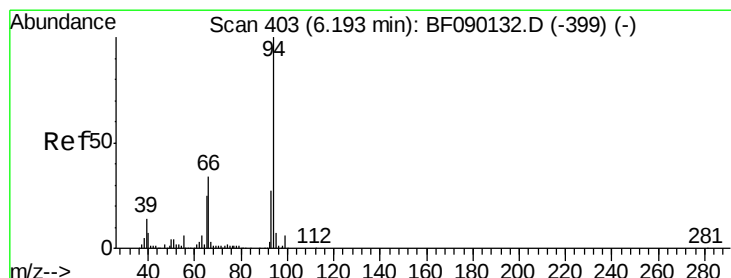
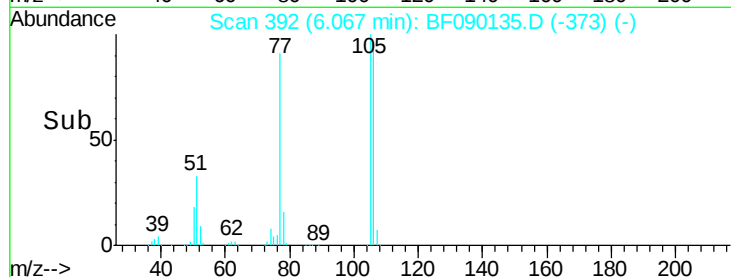
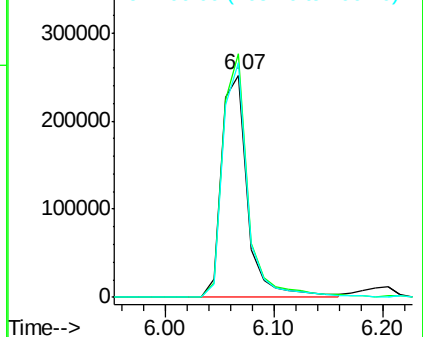
106 105.6 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 72.52 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

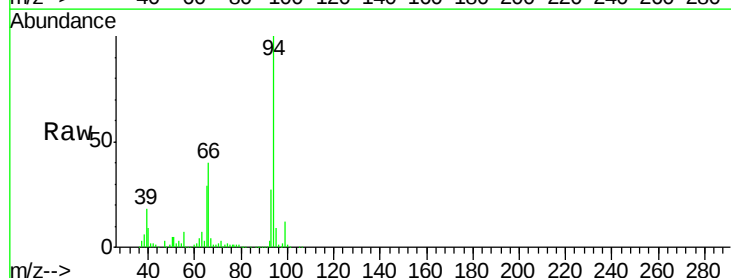
Tgt Ion: 94 Resp: 1050179

Ion Ratio Lower Upper

94 100

65 29.0 20.6 60.6

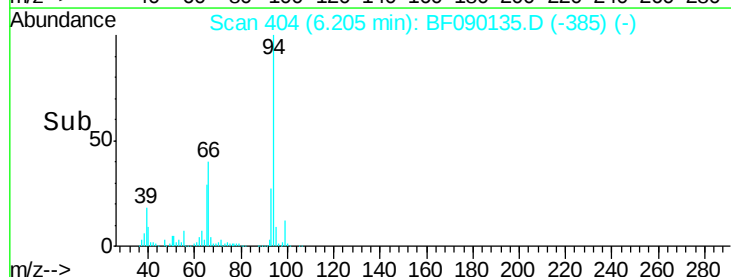
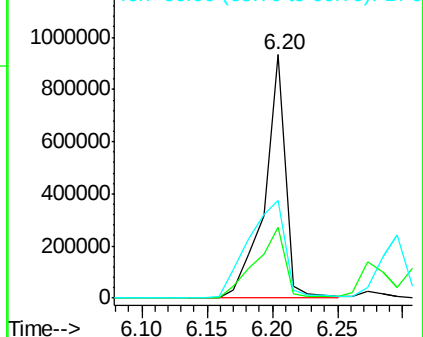
66 40.3 45.1 85.1#

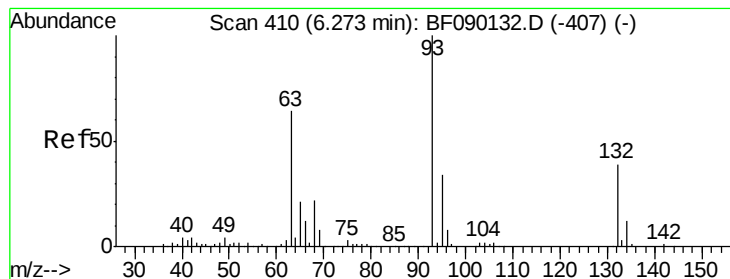


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

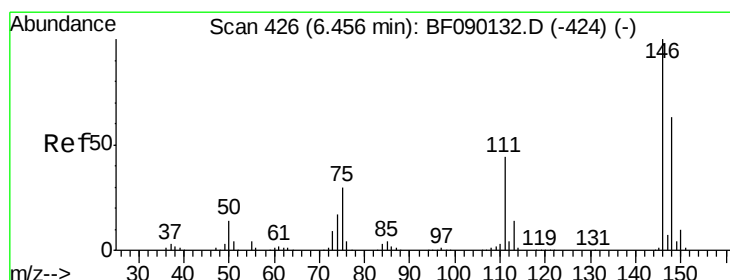
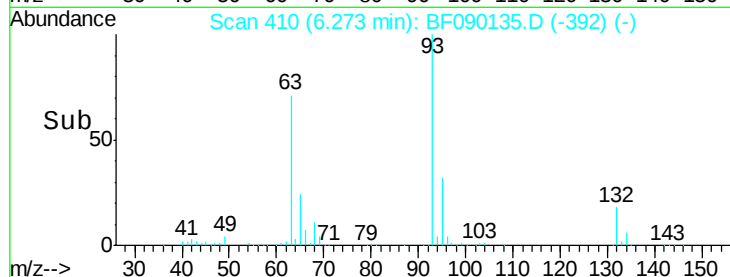
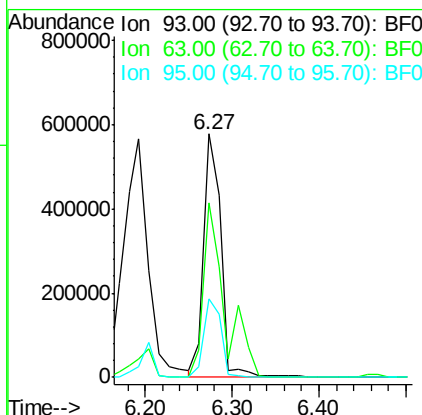
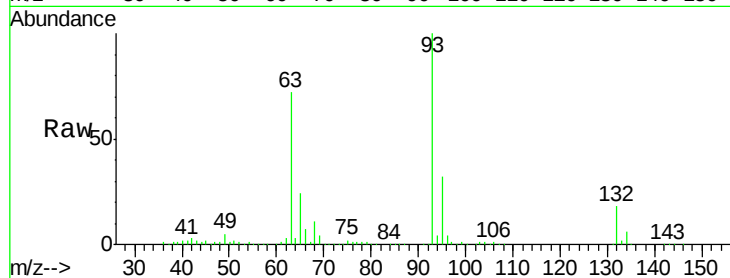




#11
bis(2-Chloroethyl)ether
Concen: 69.83 ng
RT: 6.27 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

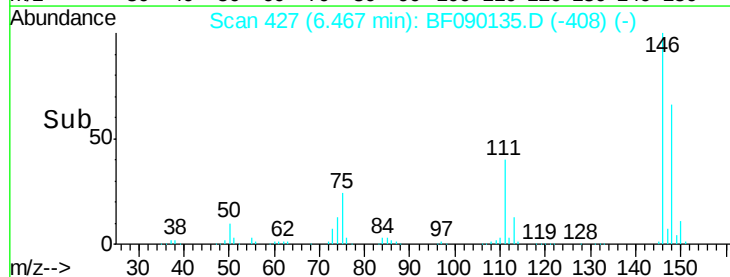
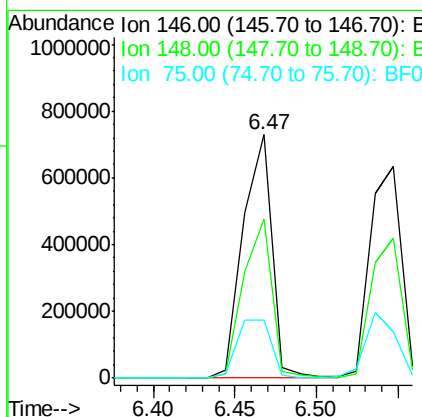
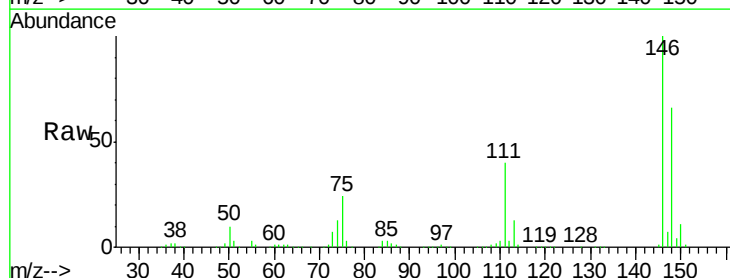
Instrument :
BNA_F
ClientSampleId :

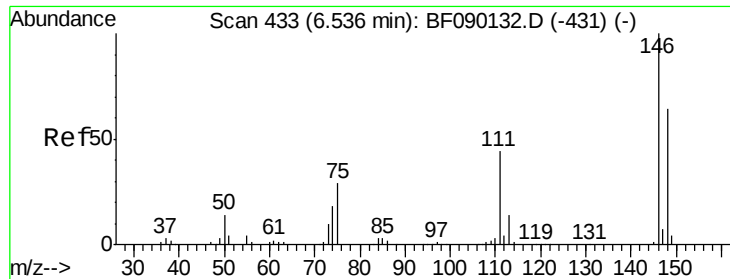
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	55.6	95.6
95	32.5	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 74.70 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
75	23.7	22.8	34.2

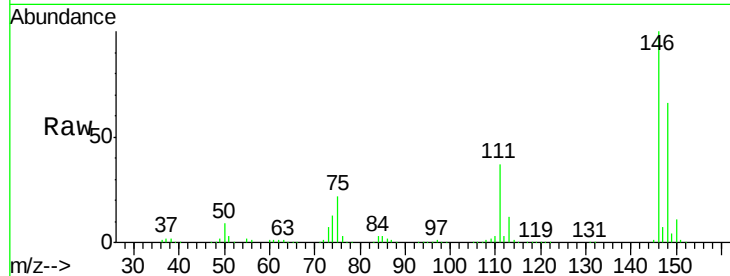




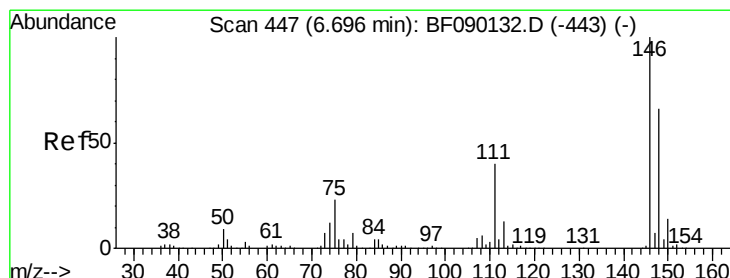
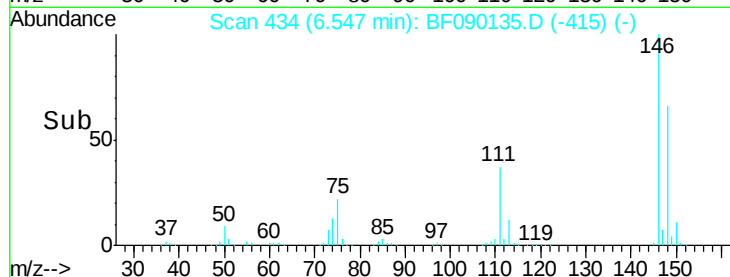
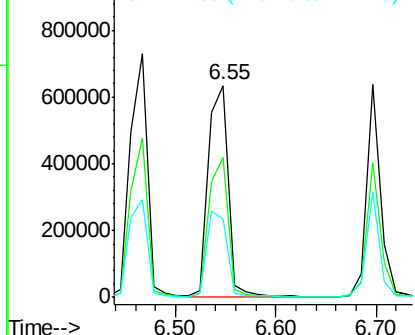
#13
 1,4-Dichlorobenzene
 Concen: 72.39 ng
 RT: 6.55 min Scan# 434
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 881294
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.0 78.0
 111 36.9 33.8 50.6

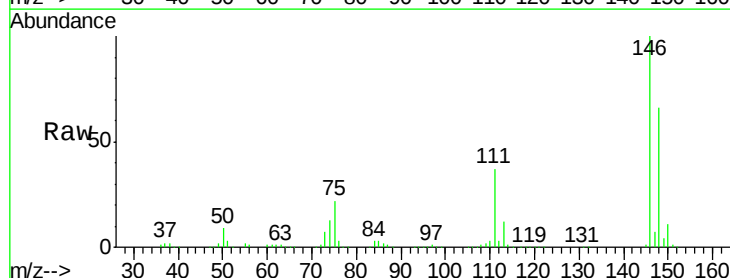


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

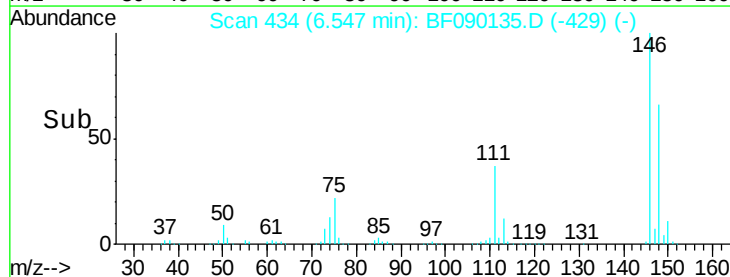
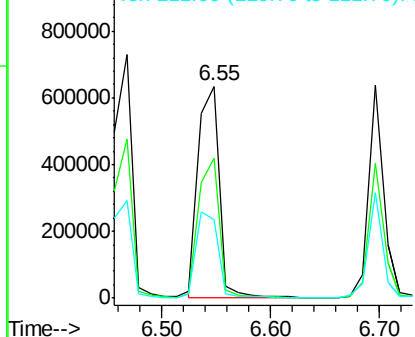


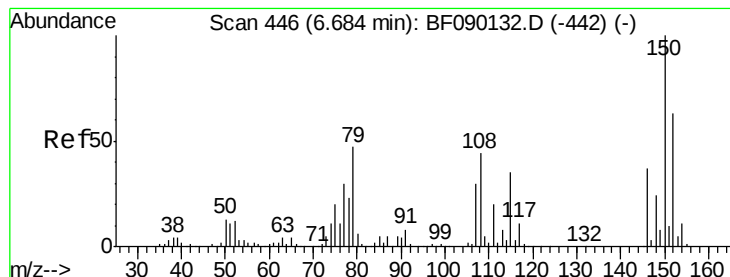
#14
 1,2-Dichlorobenzene
 Concen: 79.61 ng
 RT: 6.55 min Scan# 434
 Delta R.T. -0.15 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:146 Resp: 863316
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.6 79.0
 111 36.9 28.2 42.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 67.62 ng

RT: 6.68 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

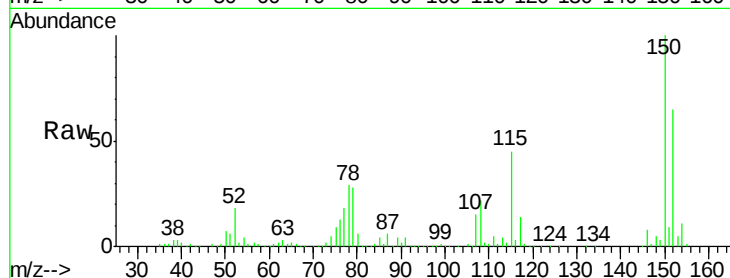
Tot Ion: 79 Resp: 493946

Ion Ratio Lower Upper

79 100

108 78.5 62.2 93.4

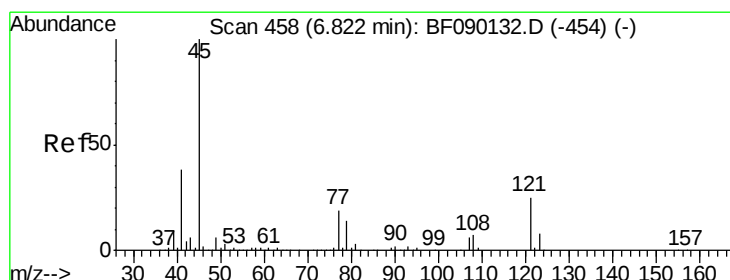
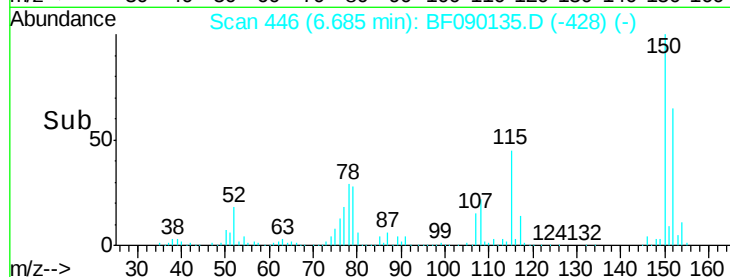
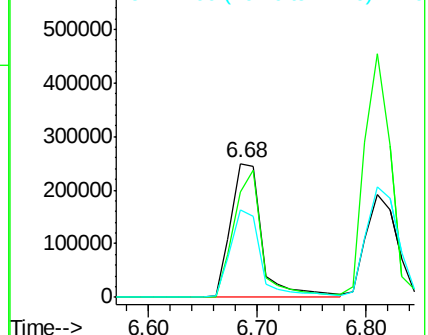
77 65.1 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.59 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

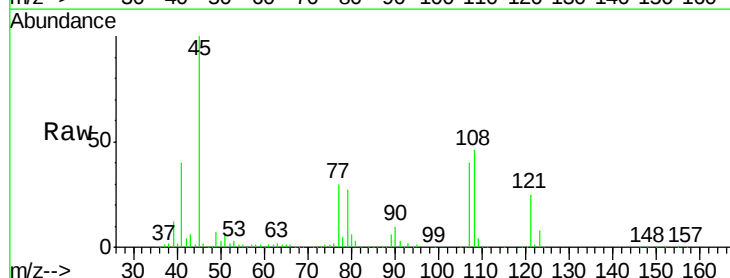
Tgt Ion: 45 Resp: 925536

Ion Ratio Lower Upper

45 100

77 30.4 0.5 40.5

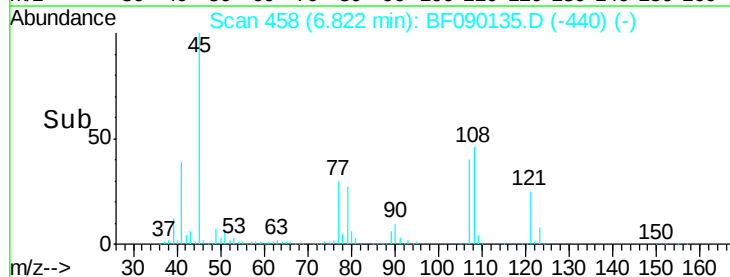
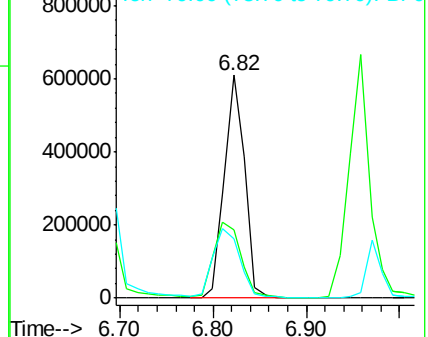
79 26.8 0.0 37.0

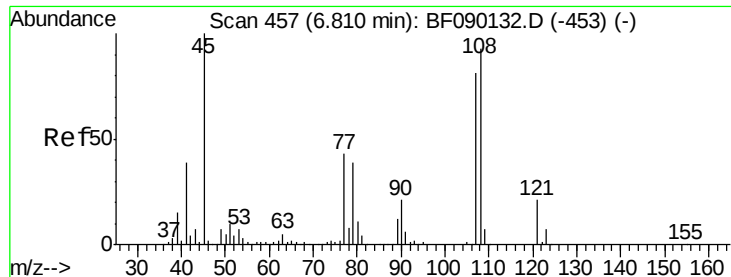


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

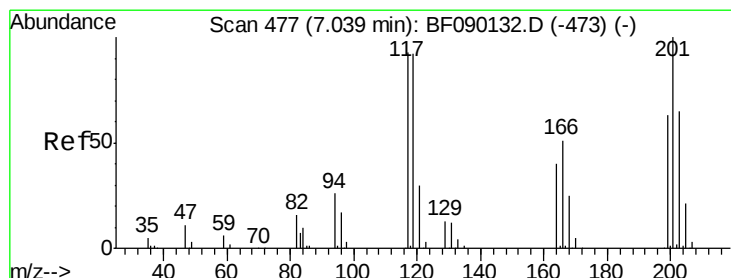
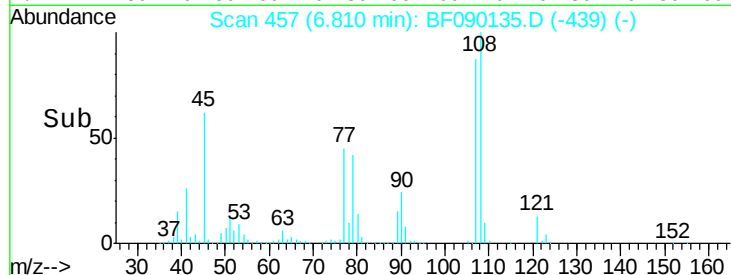
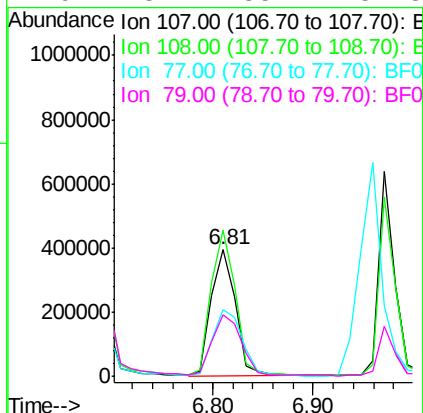
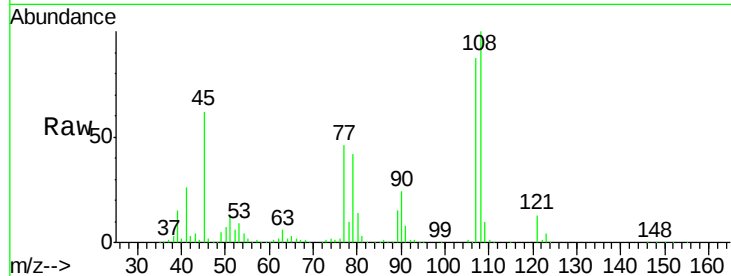




#17
2-Methylphenol
Concen: 73.82 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

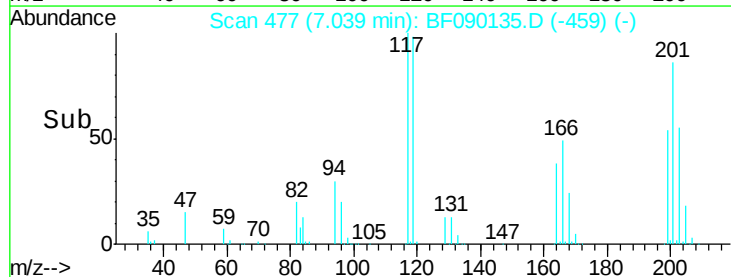
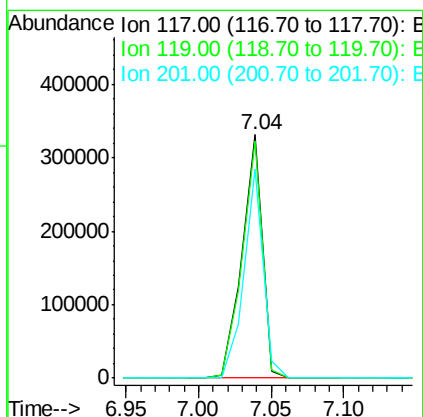
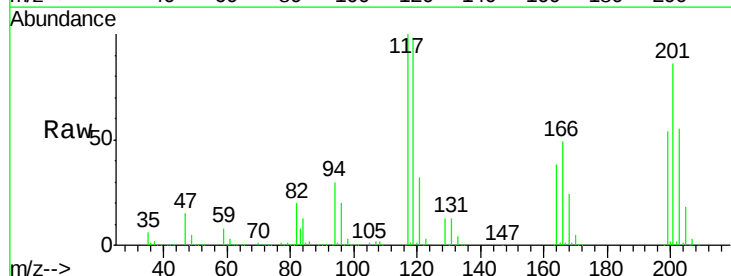
Instrument :
BNA_F
ClientSampleId :

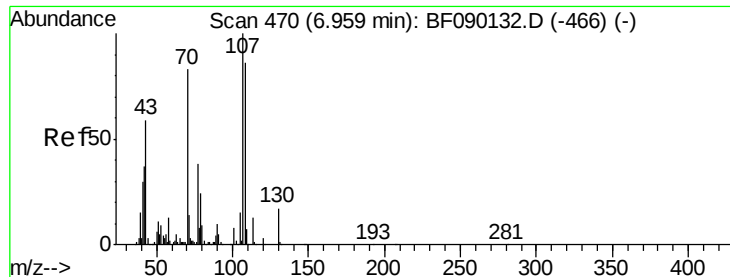
Tot Ion:	107	Resp:	663582
Ion	Ratio	Lower	Upper
107	100		
108	115.3	92.0	138.0
77	52.5	35.6	53.4
79	48.7	35.2	52.8



#18
Hexachloroethane
Concen: 74.16 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:	117	Resp:	322001
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.6	115.0
201	85.8	55.5	83.3#

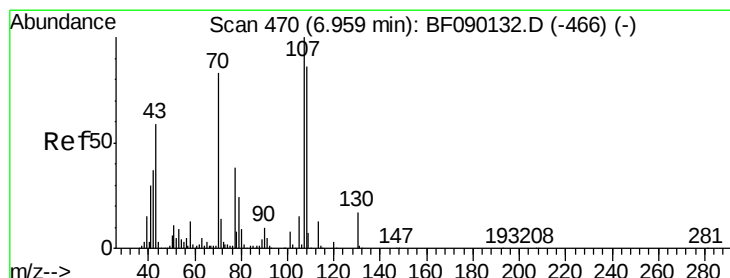
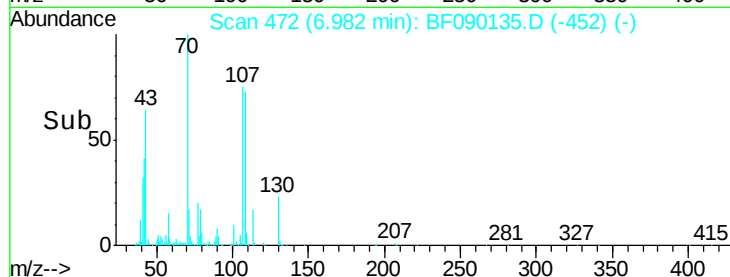
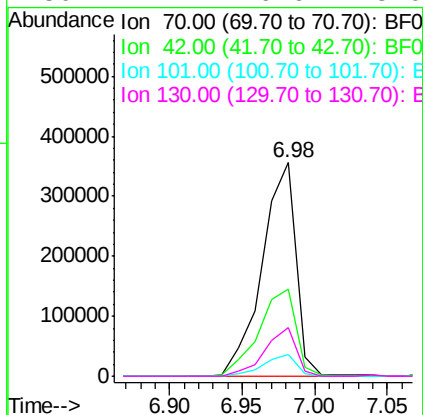
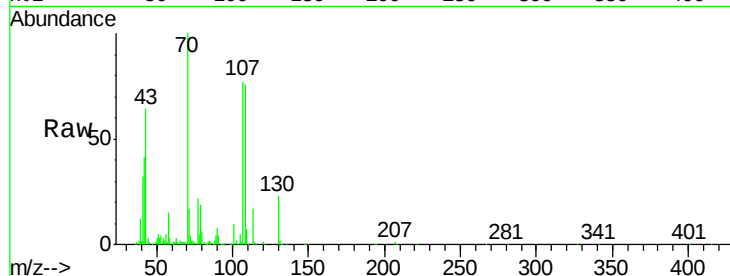




#19
n-Nitroso-di-n-propylamine
Concen: 80.32 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.02 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

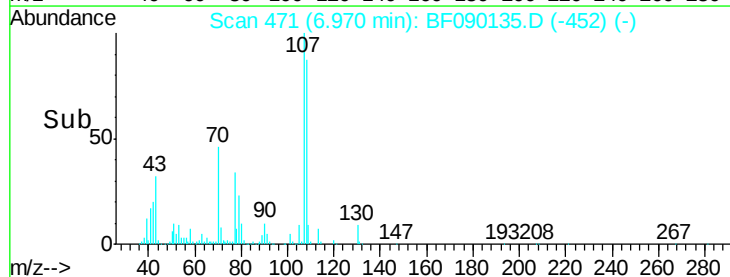
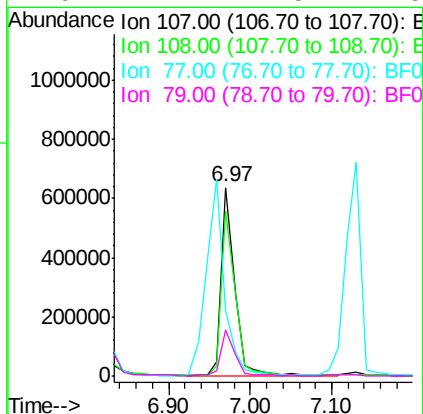
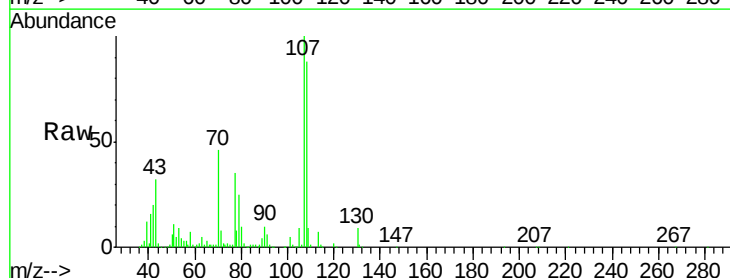
Instrument :
BNA_F
ClientSampleId :

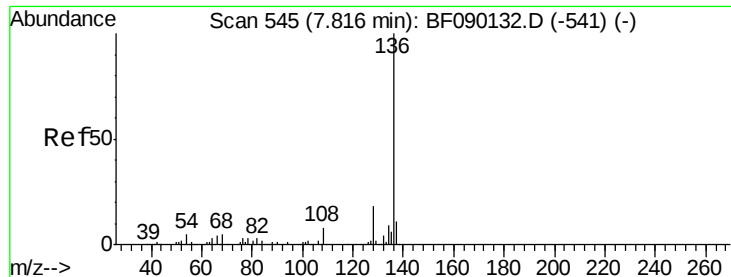
Tot Ion: 70 Resp: 578024
Ion Ratio Lower Upper
70 100
42 41.0 35.1 52.7
101 10.1 7.5 11.3
130 22.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 66.35 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion: 107 Resp: 716168
Ion Ratio Lower Upper
107 100
108 87.8 73.3 113.3
77 34.5 14.1 54.1
79 24.7 7.5 47.5

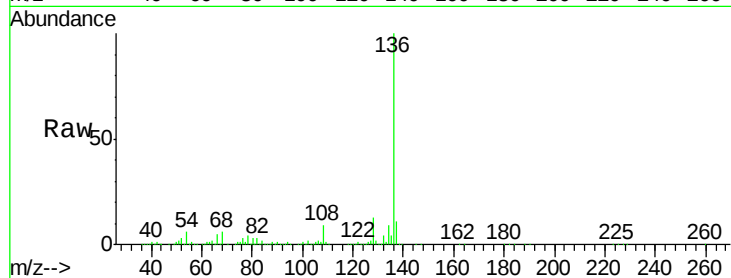




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	643518	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.0	13.4	
54 6.2	6.4	9.6#	
68 6.4	6.3	9.5	



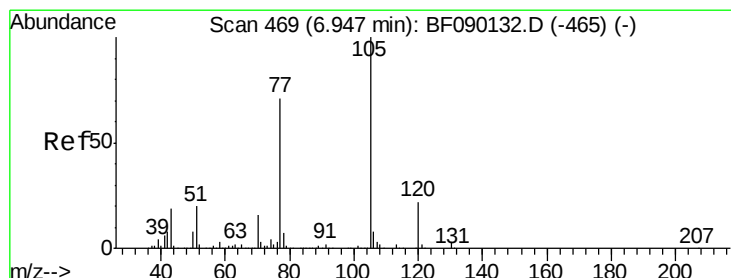
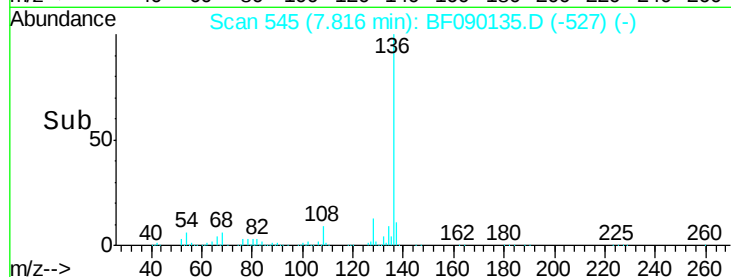
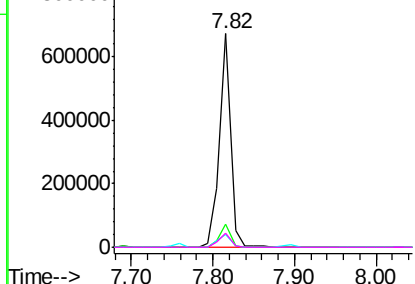
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

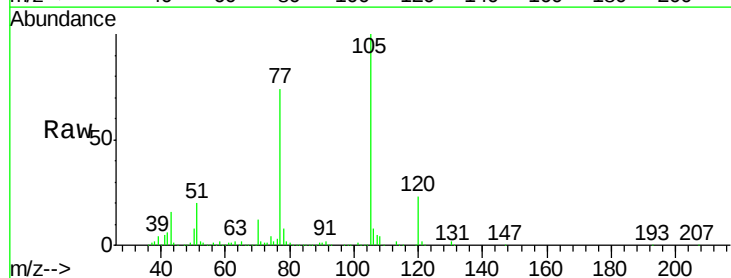
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 75.00 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt	Ion:105	Resp:	1163877
Ion	Ratio	Lower	Upper
105	100		
71	2.1	4.1	6.1#
51	20.2	16.2	24.2
120	22.5	18.2	27.2



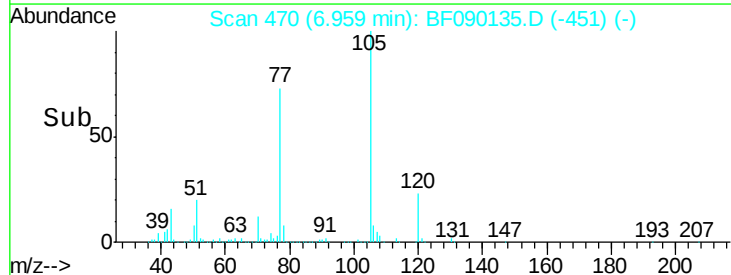
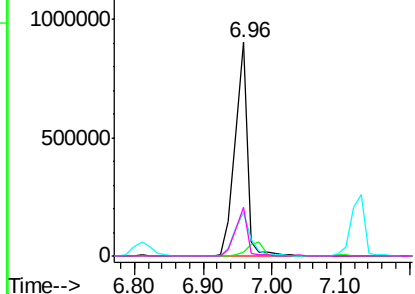
Abundance

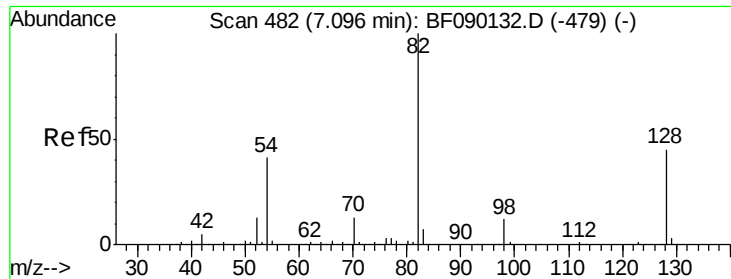
Ion 105.00 (104.70 to 105.70): E

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

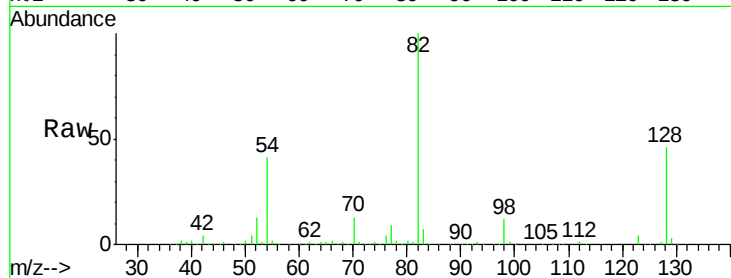




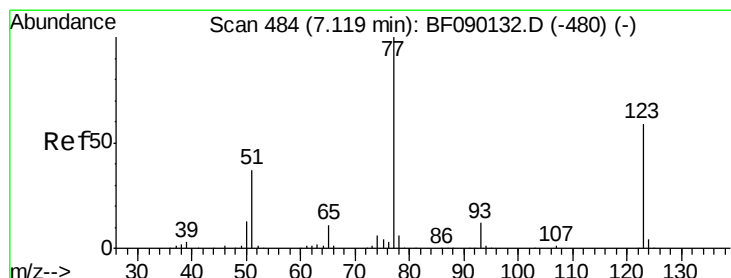
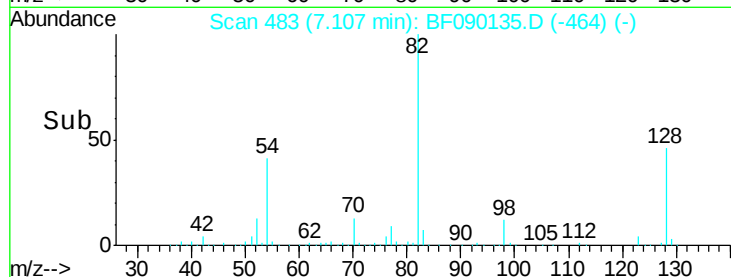
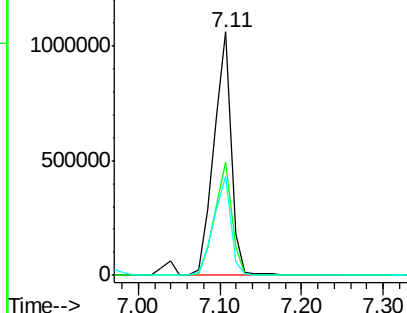
#23
Nitrobenzene-d5
Concen: 71.24 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1581802
Ion Ratio Lower Upper
82 100
128 46.4 37.5 56.3
54 40.6 31.9 47.9

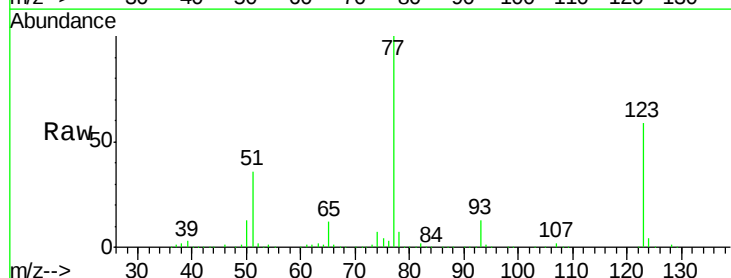


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

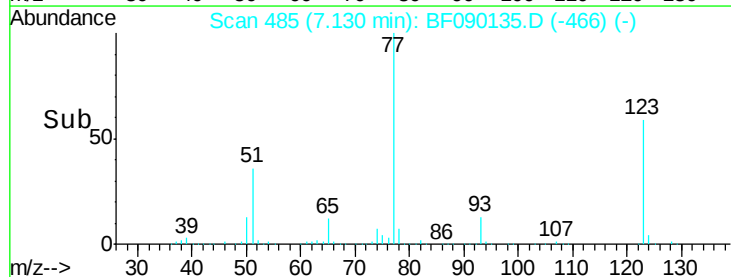
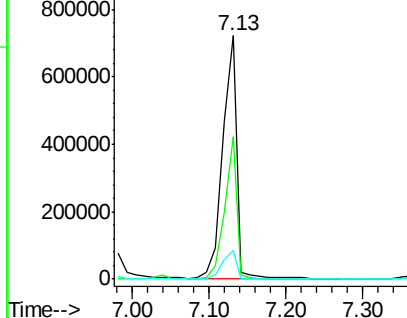


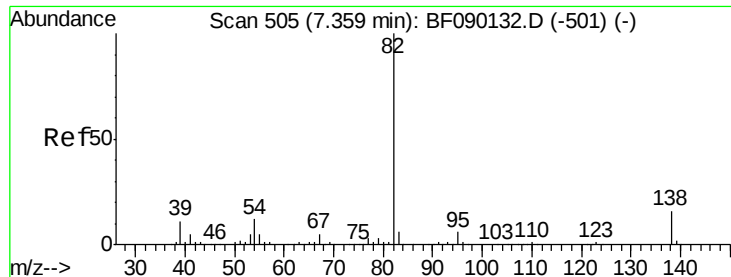
#24
Nitrobenzene
Concen: 79.84 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion: 77 Resp: 923475
Ion Ratio Lower Upper
77 100
123 58.7 33.4 50.2#
65 11.7 10.1 15.1



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





#25

Isophorone

Concen: 77.10 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

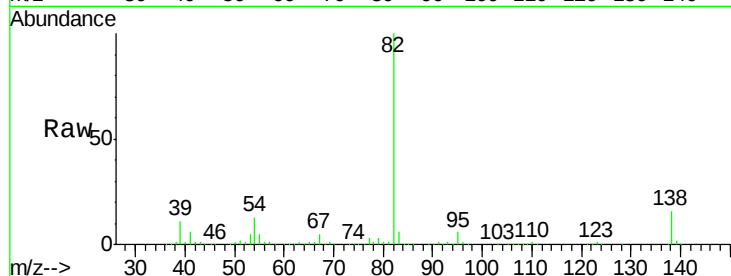
Tot Ion: 82 Resp: 1788210

Ion Ratio Lower Upper

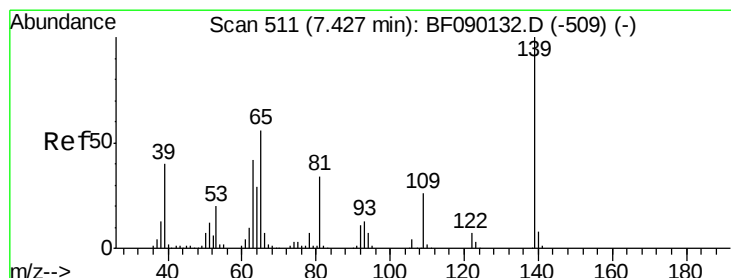
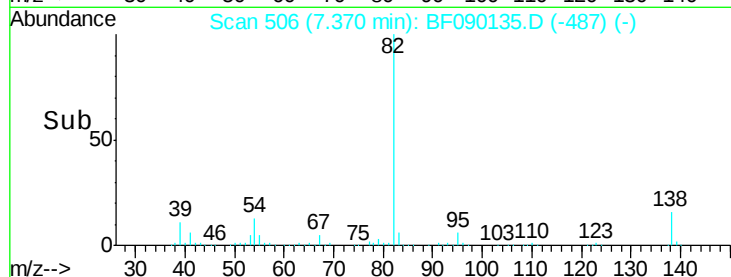
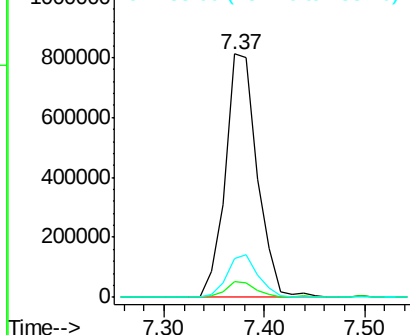
82 100

95 6.2 5.1 7.7

138 15.7 13.5 20.3



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: 84.07 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

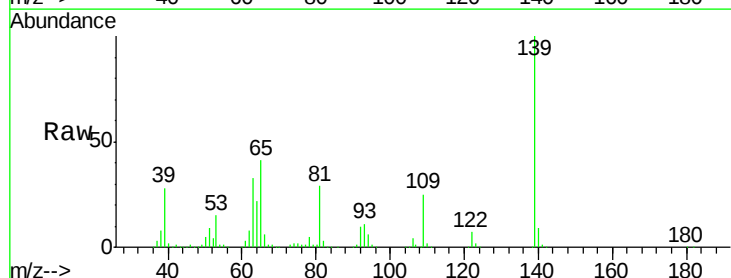
Tgt Ion: 139 Resp: 478816

Ion Ratio Lower Upper

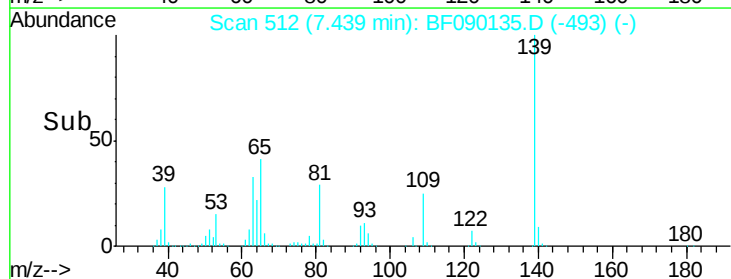
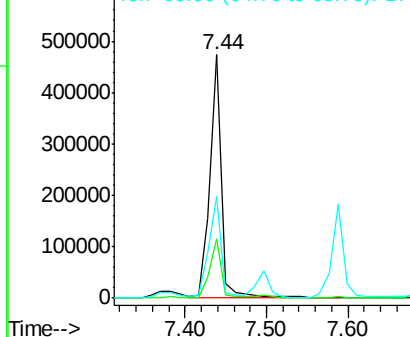
139 100

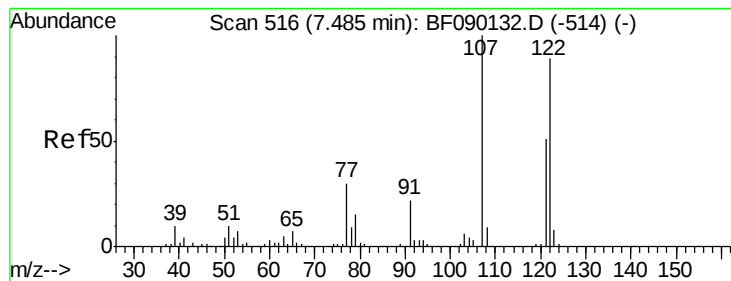
109 24.6 20.5 30.7

65 41.4 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 70.12 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampled :

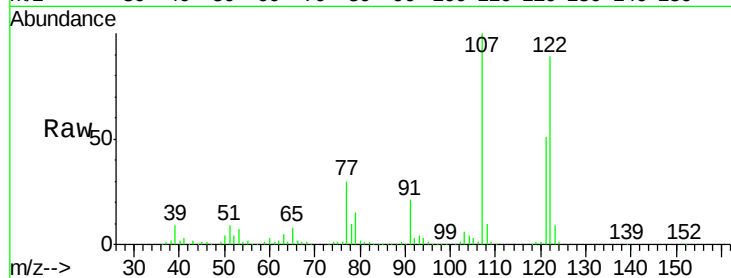
Tot Ion:122 Resp: 709593

Ion Ratio Lower Upper

122 100

107 111.9 87.8 131.6

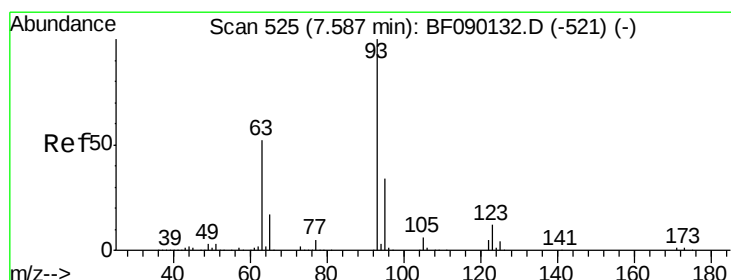
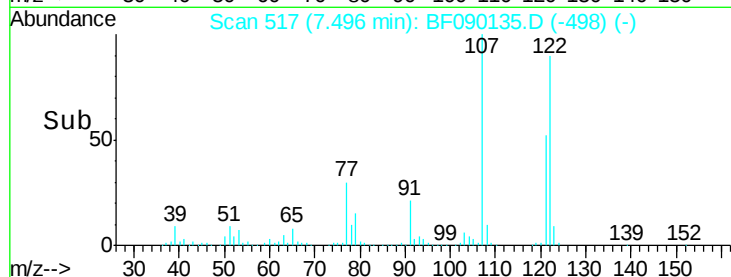
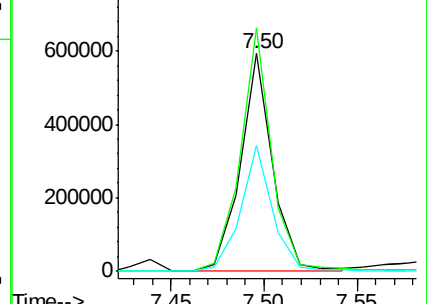
121 57.6 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 66.88 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

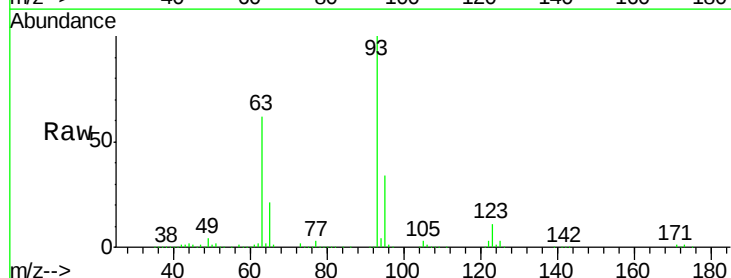
Tgt Ion: 93 Resp: 938282

Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

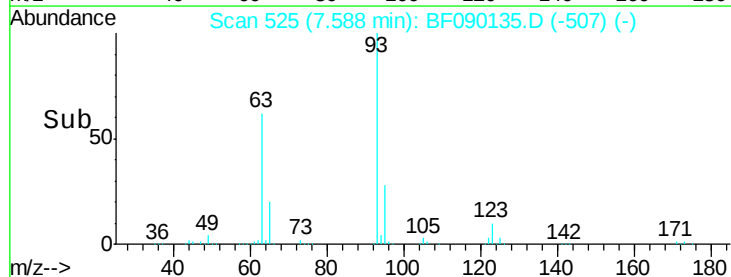
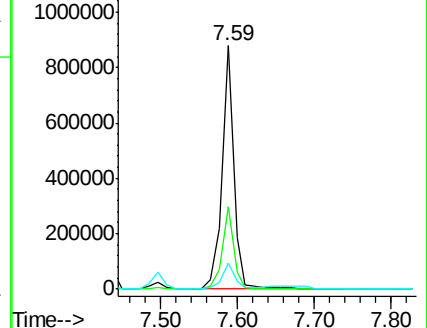
123 10.8 8.5 12.7

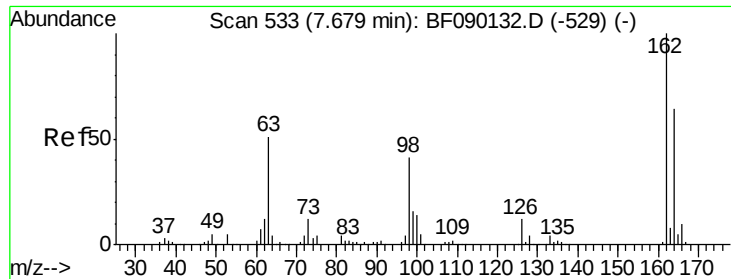


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

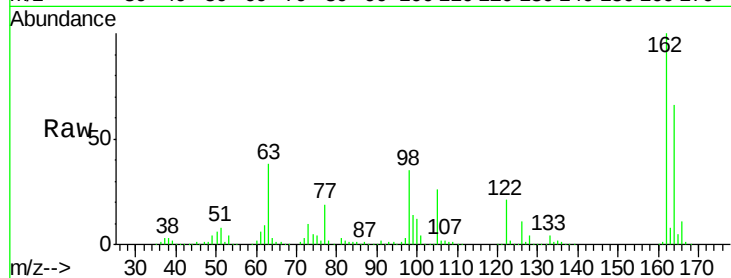




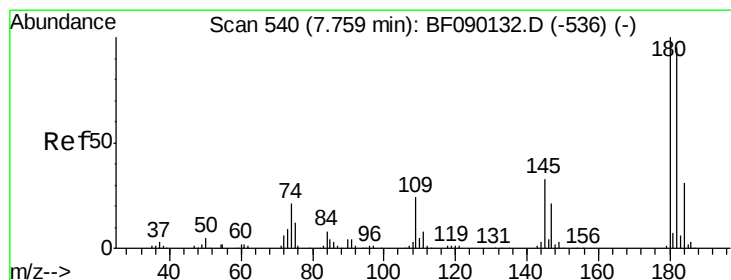
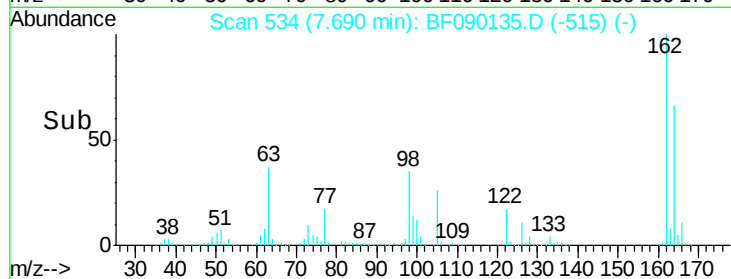
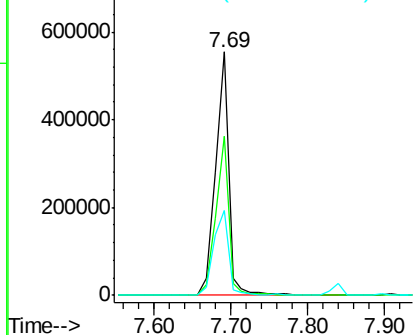
#29
2,4-Dichlorophenol
Concen: 74.28 ng
RT: 7.69 min Scan# 534
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.2	86.2
98	34.6	10.4	50.4

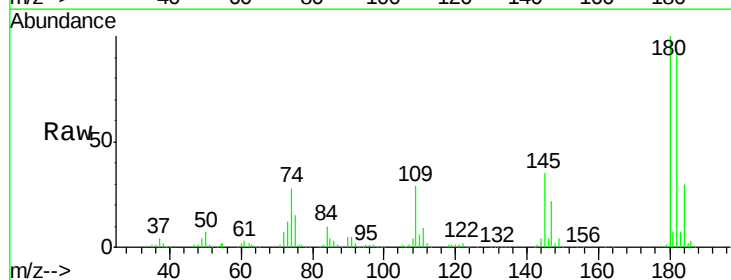


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

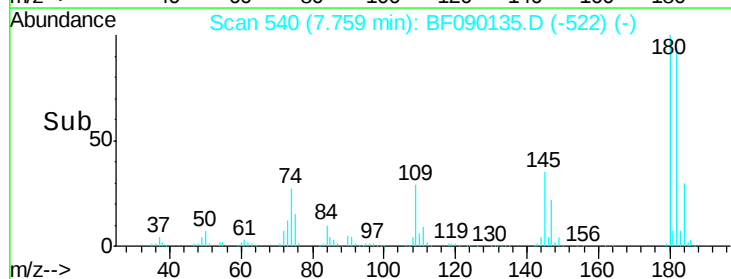
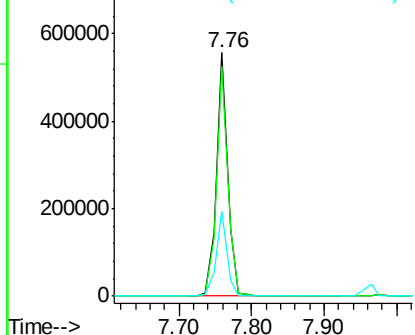


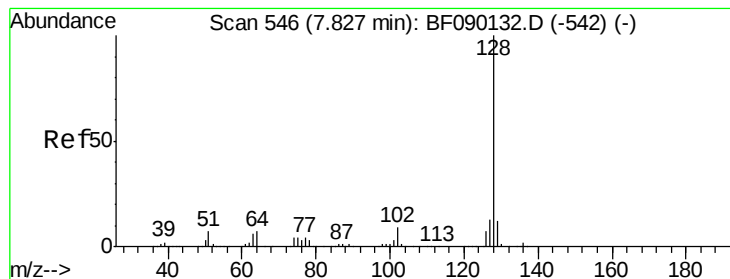
#30
1,2,4-Trichlorobenzene
Concen: 67.80 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.0	112.6
145	35.1	28.6	42.8



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





#31

Naphthalene

Concen: 68.78 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

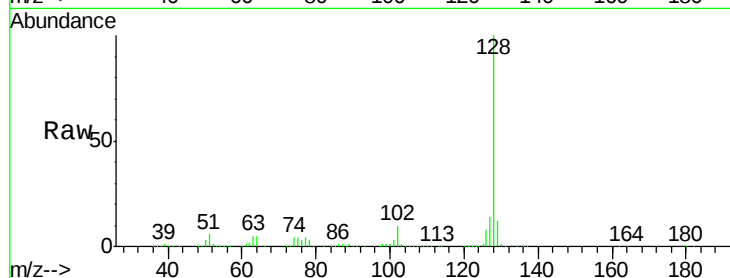
Tot Ion:128 Resp: 2107543

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

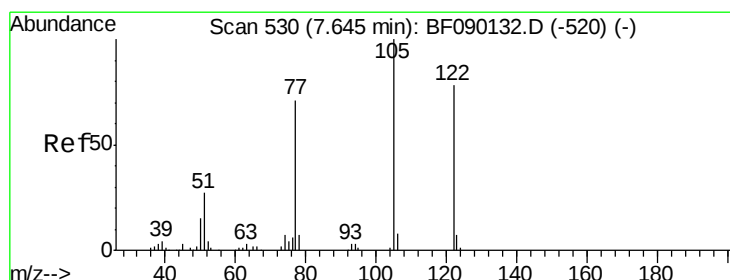
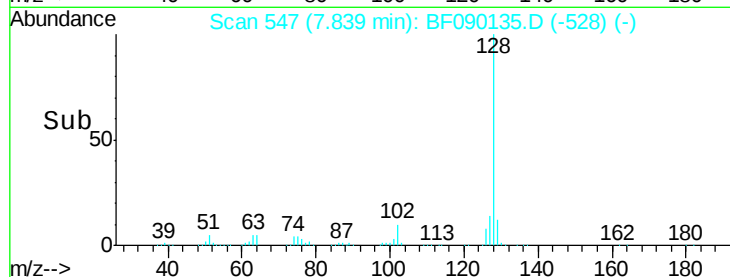
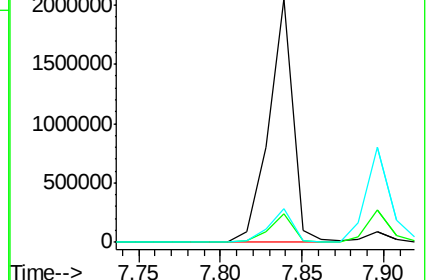
127 14.1 10.8 16.2



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: 85.49 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.03 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

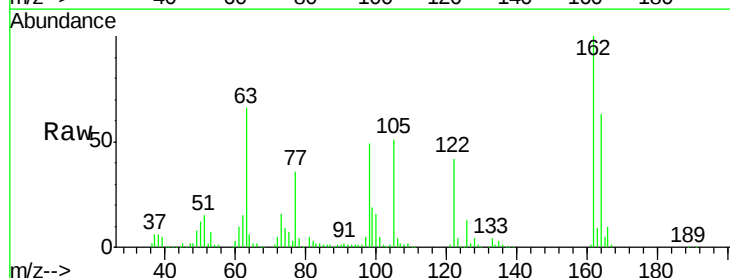
Tgt Ion:122 Resp: 593903

Ion Ratio Lower Upper

122 100

105 120.7 105.0 145.0

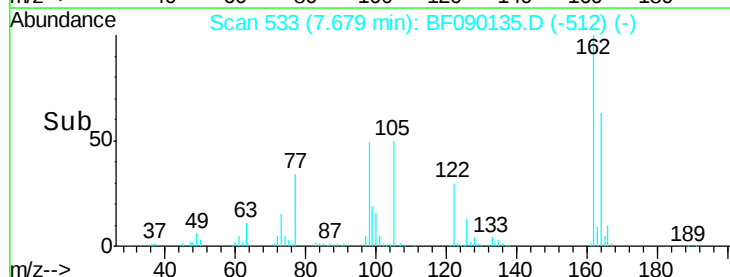
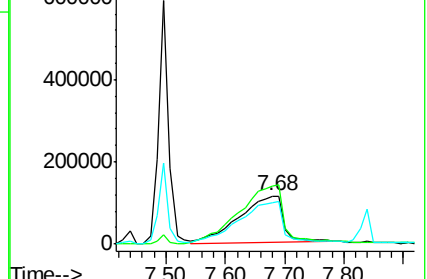
77 85.7 70.4 110.4

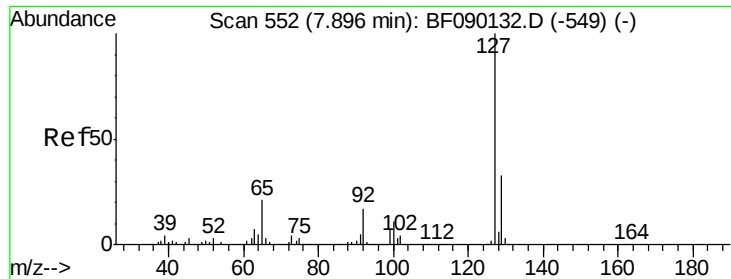


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

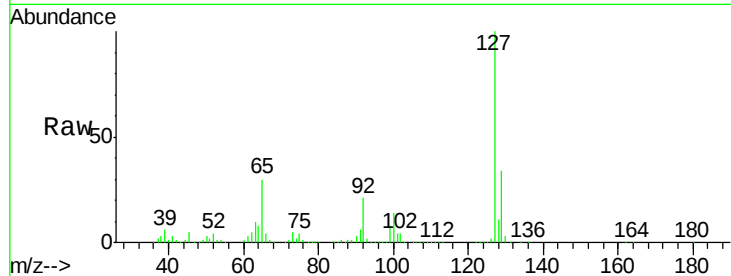




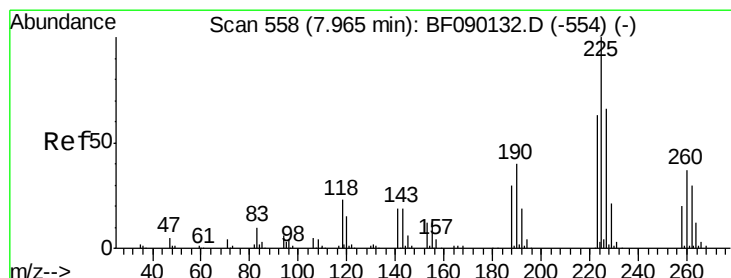
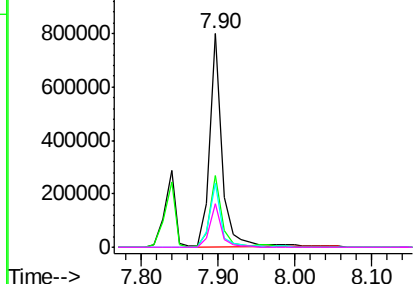
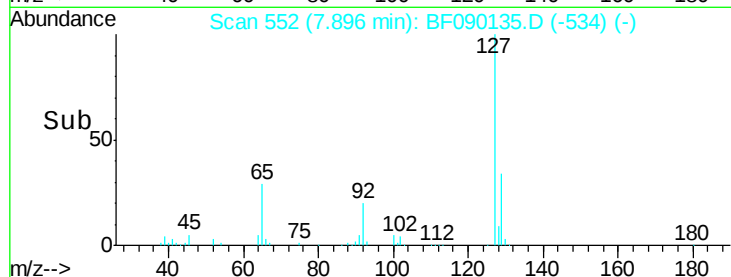
#33
4-Chloroaniline
Concen: 69.48 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	883096
Ion Ratio	Lower	Upper
127	100	
129	33.7	25.8 38.6
65	29.9	24.1 36.1
92	20.6	16.3 24.5

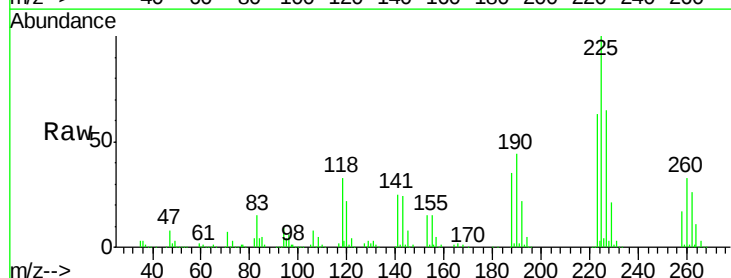


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

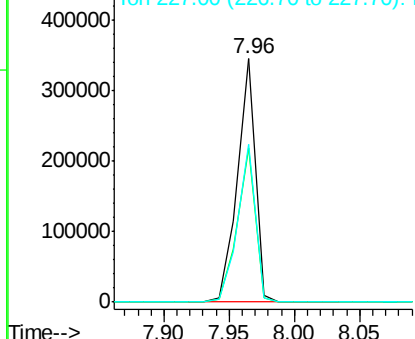
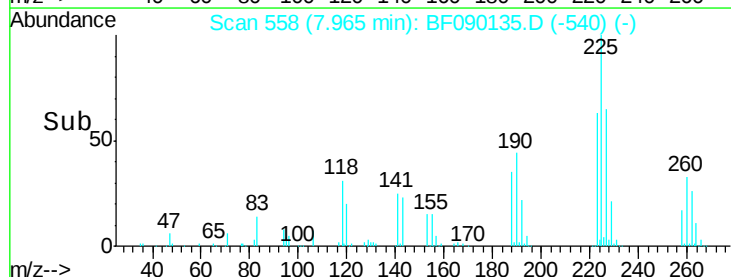


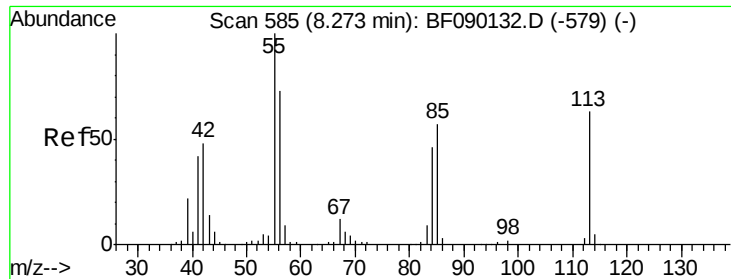
#34
Hexachlorobutadiene
Concen: 69.91 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:225	Resp:	326964
Ion Ratio	Lower	Upper
225	100	
223	63.5	51.3 76.9
227	64.7	51.4 77.0



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: 85.07 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

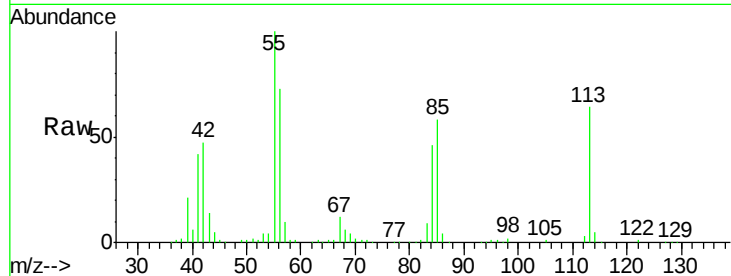
Tot Ion:113 Resp: 249910

Ion Ratio Lower Upper

113 100

55 156.9 134.5 174.5

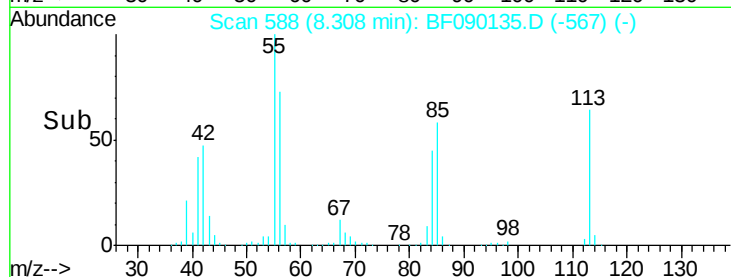
56 115.1 93.7 133.7



Abundance Ion 113.00 (112.70 to 113.70): E

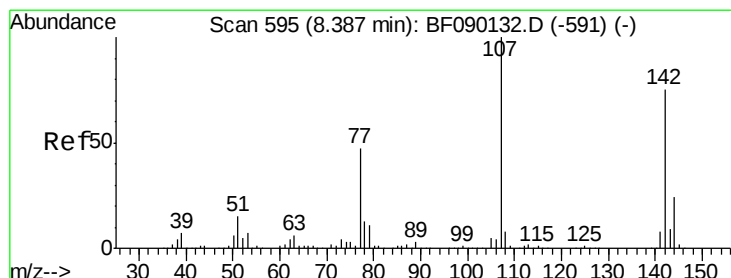
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->

8.31



#36

4-Chloro-3-methylphenol

Concen: 70.31 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

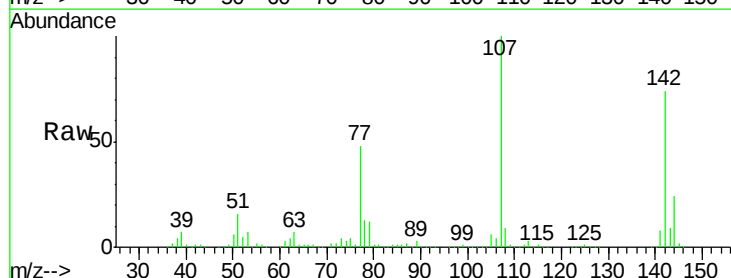
Tgt Ion:107 Resp: 705371

Ion Ratio Lower Upper

107 100

144 24.3 18.6 27.8

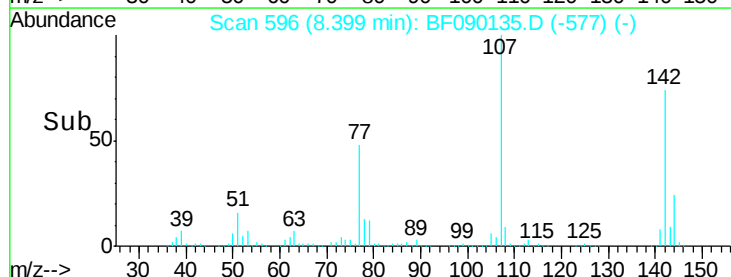
142 73.9 57.0 85.6



Abundance Ion 107.00 (106.70 to 107.70): E

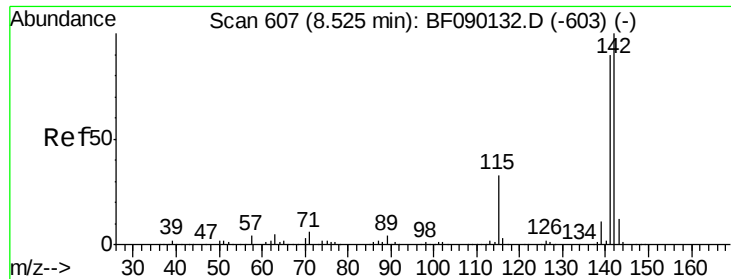
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

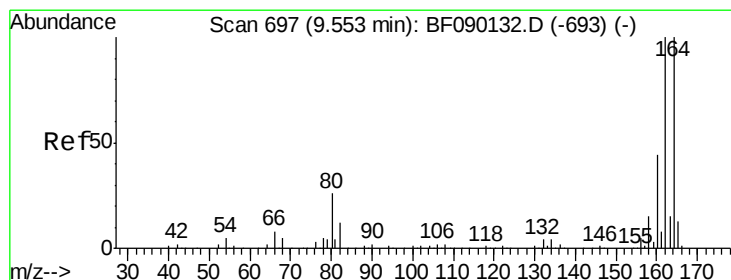
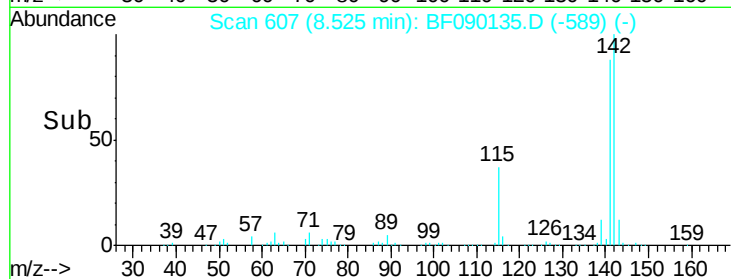
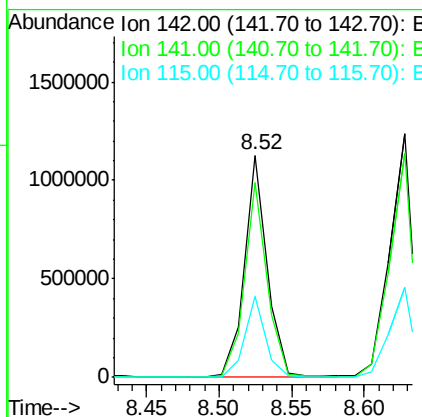
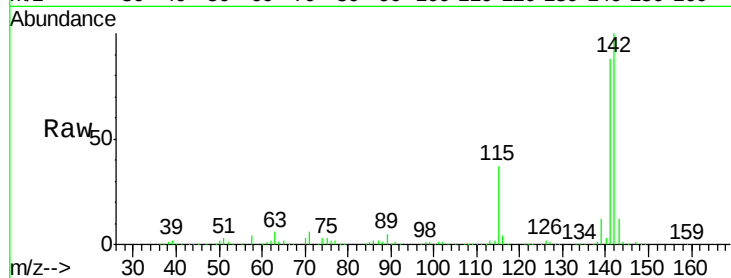
8.40



#37
2-Methylnaphthalene
Concen: 64.20 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

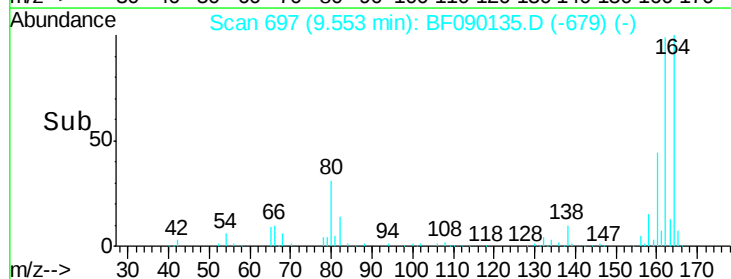
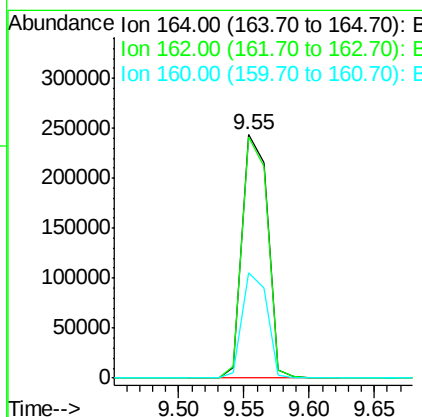
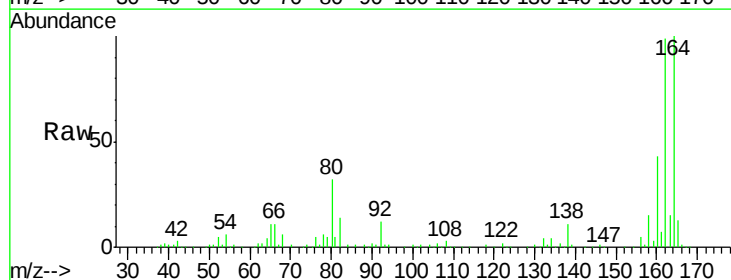
Instrument :
BNA_F
ClientSampleId :

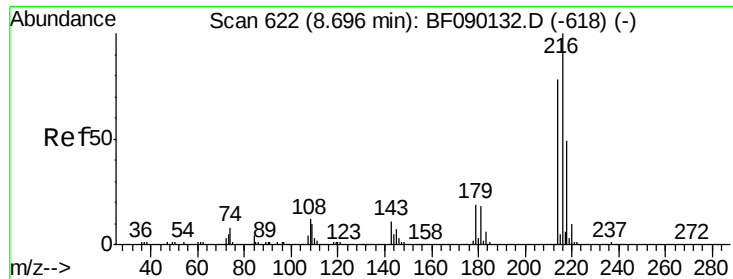
Tot Ion:142 Resp: 1223334
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 36.6 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:164 Resp: 330123
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.2
160 43.4 36.6 54.8

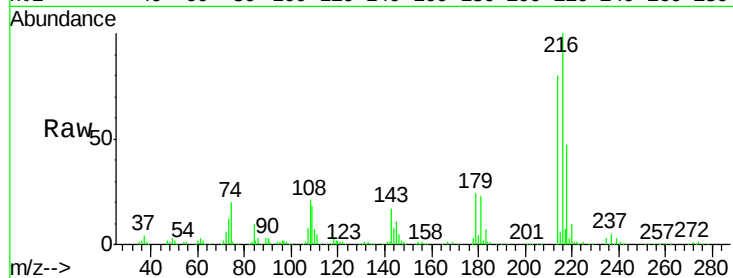




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 67.30 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	509993
Ion Ratio	Lower	Upper
216	100	
214	79.7	63.7 95.5
179	23.4	18.5 27.7
108	24.5	19.5 29.3

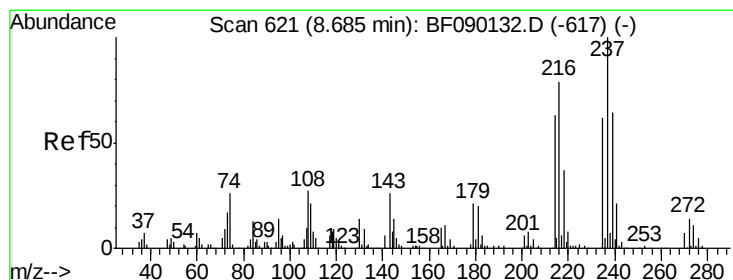
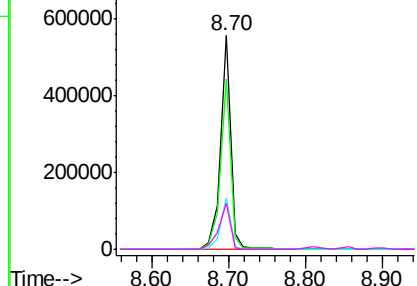
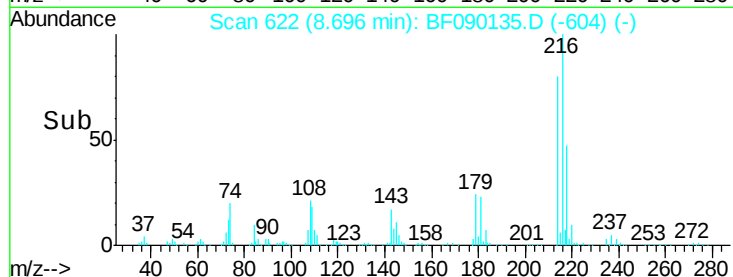


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

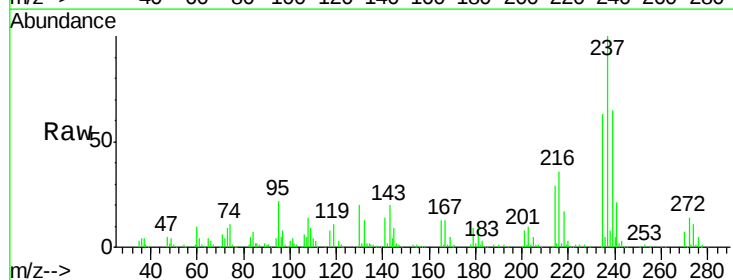
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 80.28 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

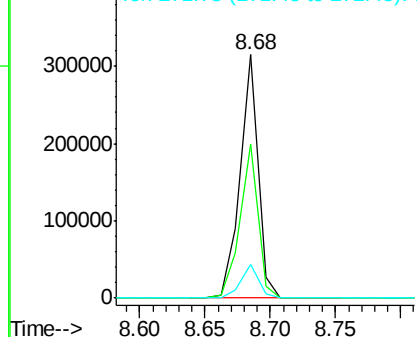
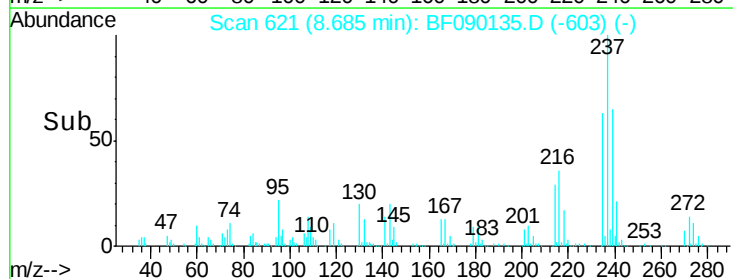
Tgt Ion:237	Resp:	300184
Ion Ratio	Lower	Upper
237	100	
235	63.1	42.5 82.5
272	13.7	0.0 32.0

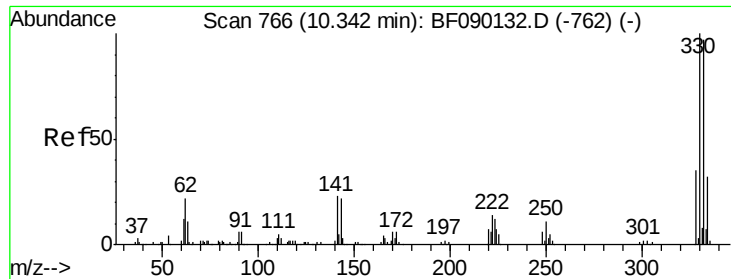


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

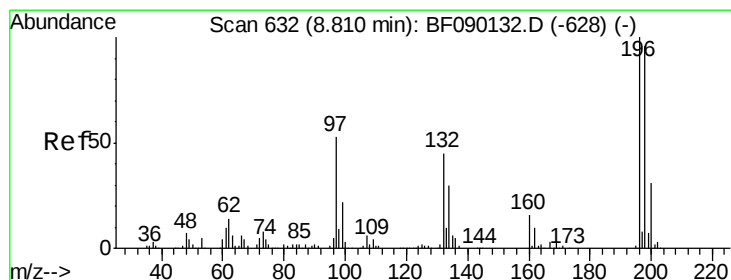
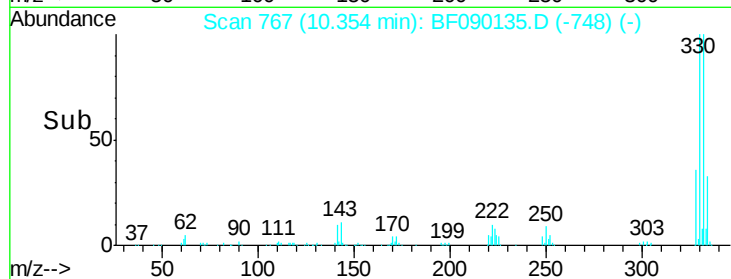
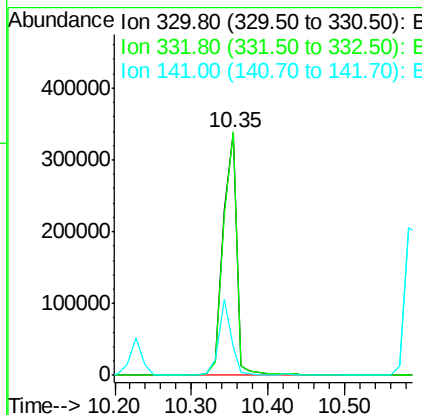
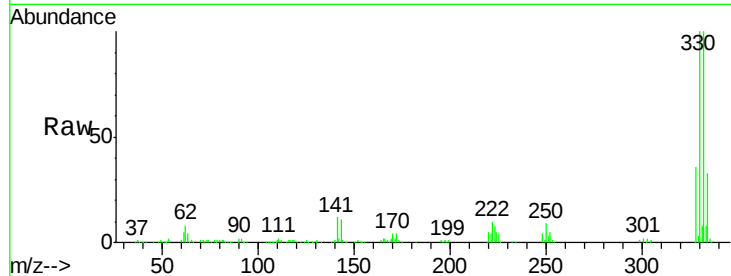




#41
 2,4,6-Tribromophenol
 Concen: 75.78 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

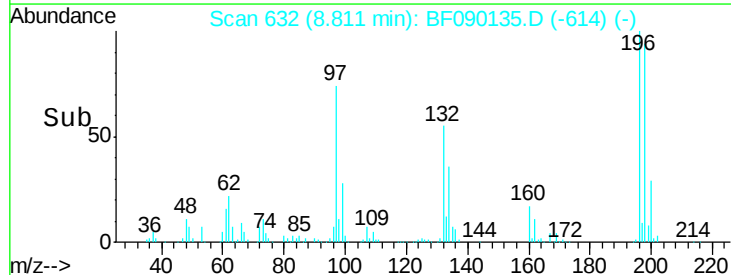
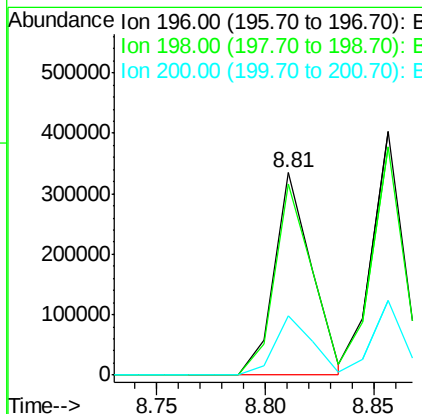
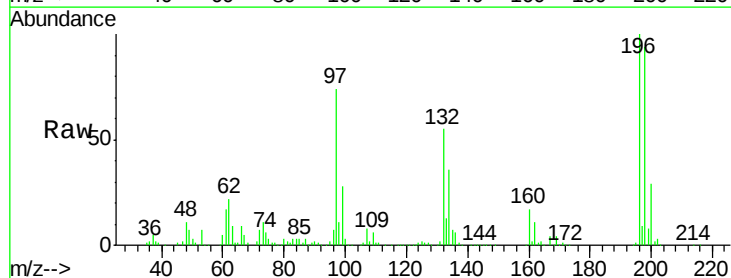
Instrument :
 BNA_F
 ClientSampleId :

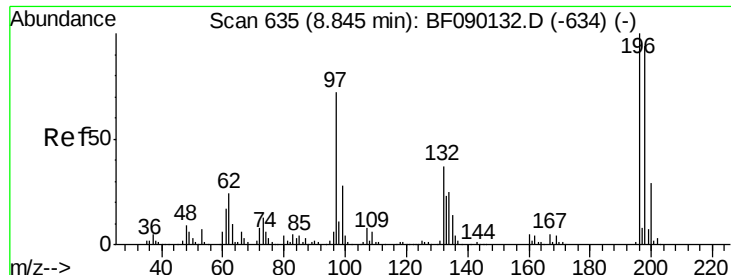
Tot Ion:330 Resp: 429225
 Ion Ratio Lower Upper
 330 100
 332 98.9 78.1 117.1
 141 27.6 23.9 35.9



#42
 2,4,6-Trichlorophenol
 Concen: 74.13 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:196 Resp: 400259
 Ion Ratio Lower Upper
 196 100
 198 94.3 76.3 114.5
 200 29.3 24.1 36.1

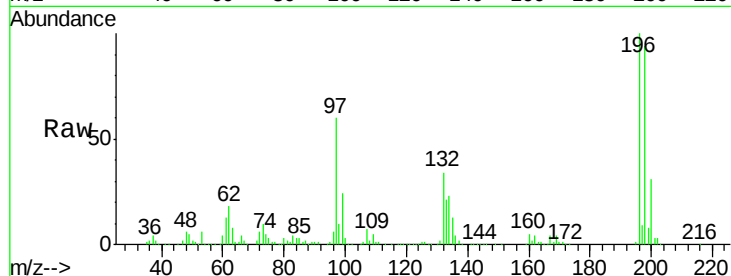




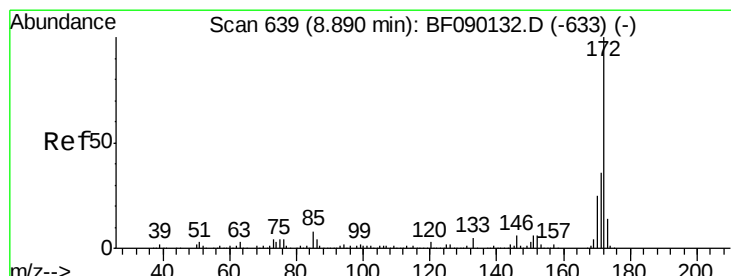
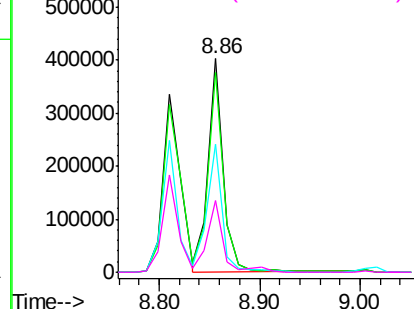
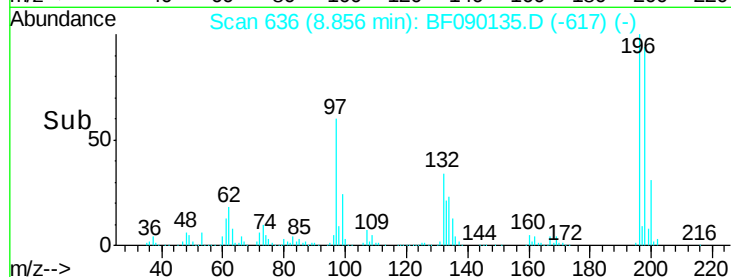
#43
 2,4,5-Trichlorophenol
 Concen: 75.10 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 419921
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.6 114.8
 97 59.7 34.4 51.6#
 132 33.7 22.2 33.2#

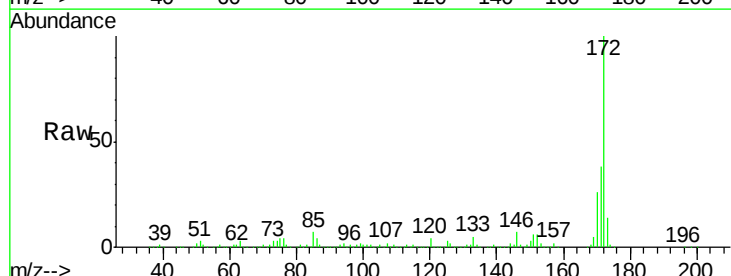


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

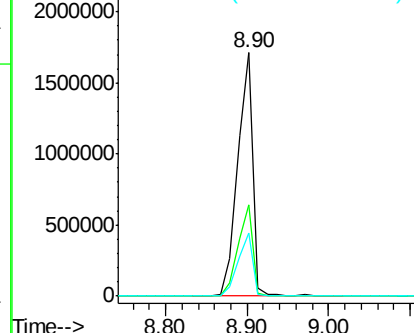
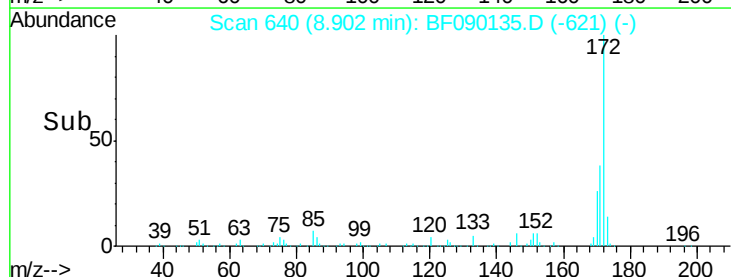


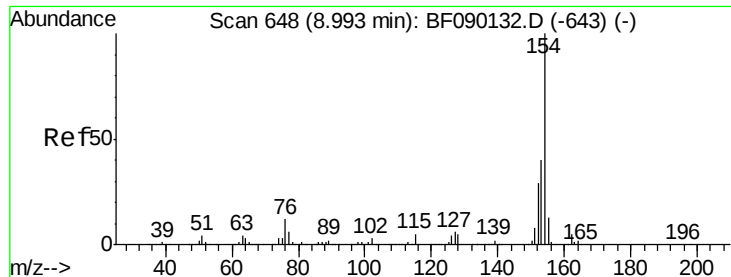
#44
 2-Fluorobiphenyl
 Concen: 65.82 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:172 Resp: 2213618
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.2 43.8
 170 25.8 19.8 29.8



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

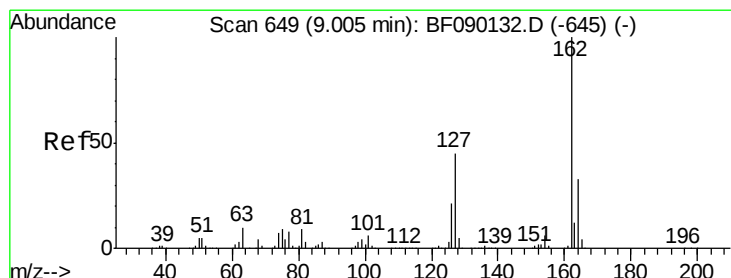
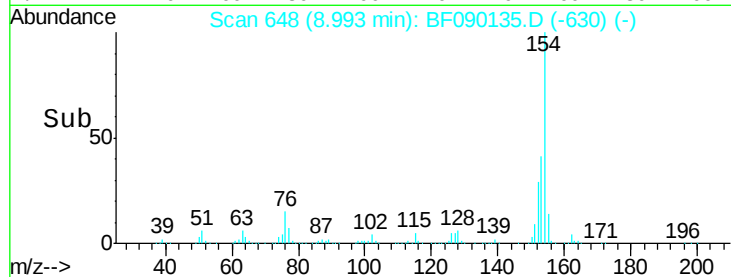
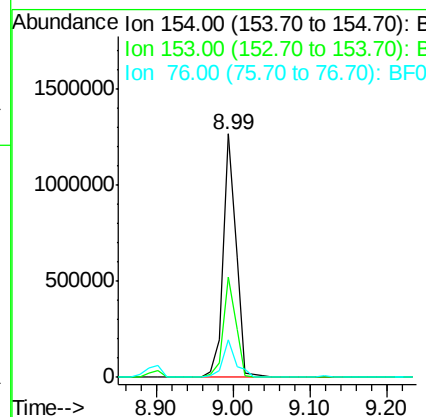
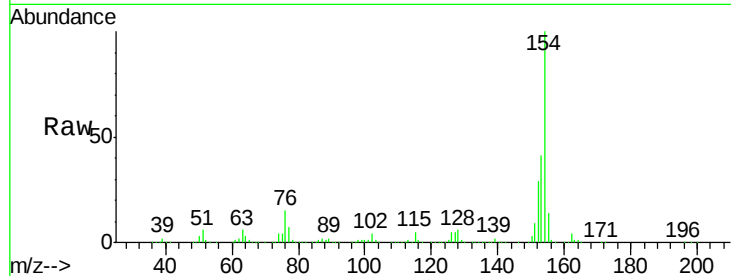




#45
 1,1'-Biphenyl
 Concen: 63.25 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

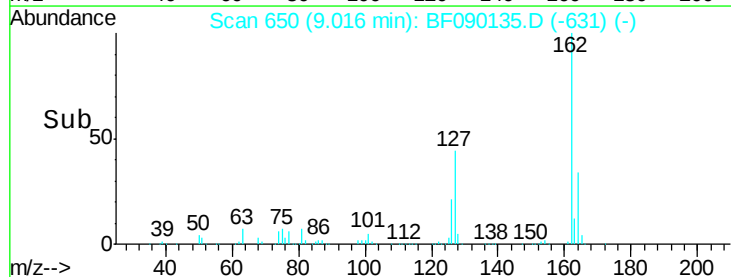
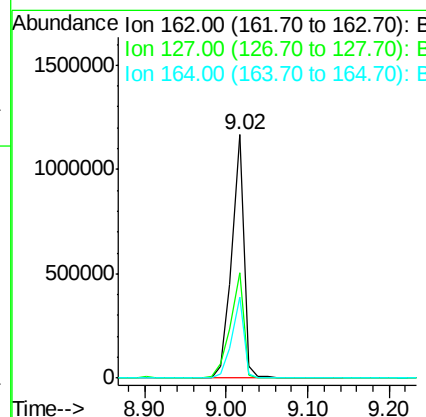
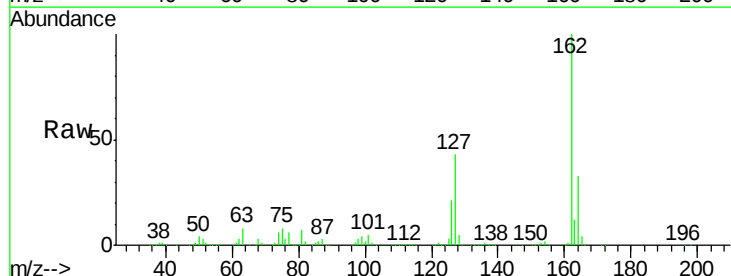
Instrument :
 BNA_F
 ClientSampleId :

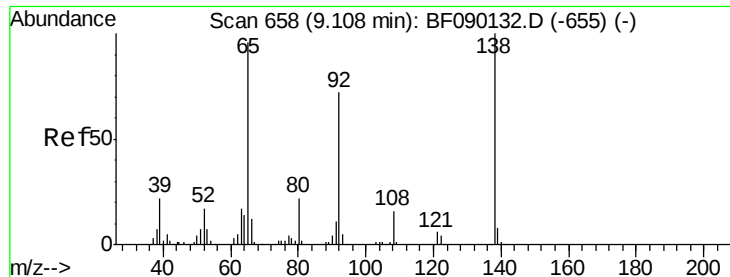
Tot Ion:154 Resp: 1493857
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.6 60.6
 76 15.3 0.0 36.7



#46
 2-Chloronaphthalene
 Concen: 69.50 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:162 Resp: 1210950
 Ion Ratio Lower Upper
 162 100
 127 43.4 34.0 51.0
 164 33.4 26.8 40.2

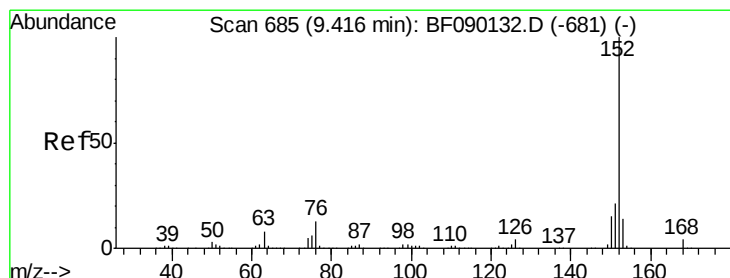
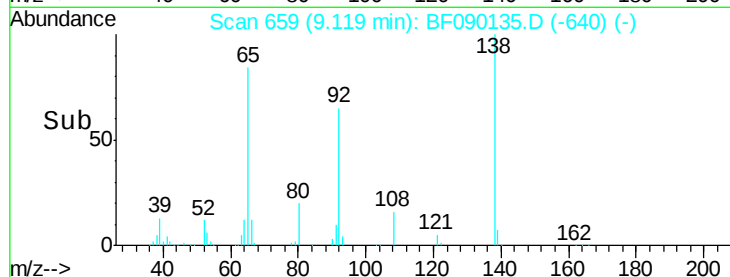
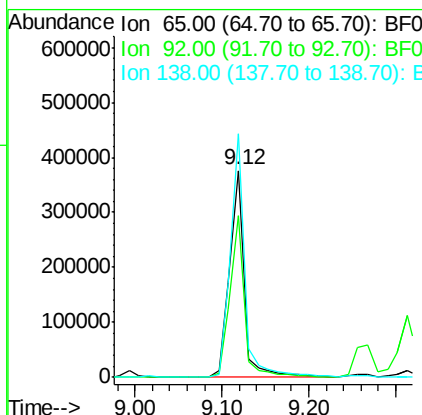
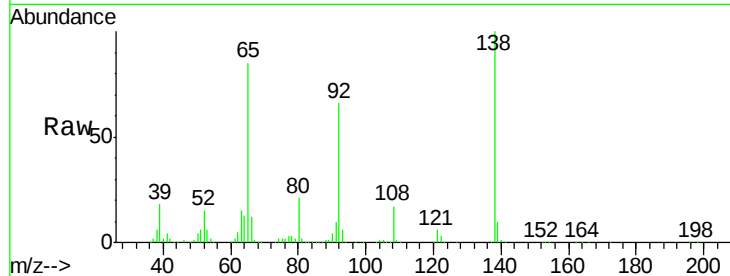




#47
2-Nitroaniline
Concen: 85.18 ng
RT: 9.12 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

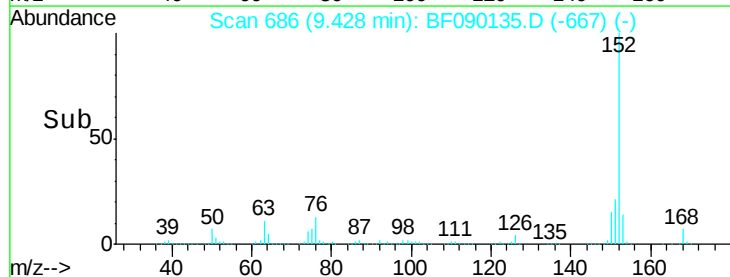
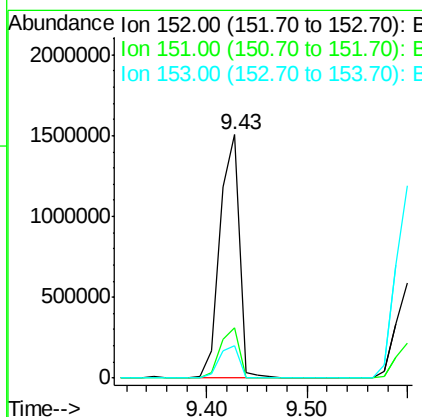
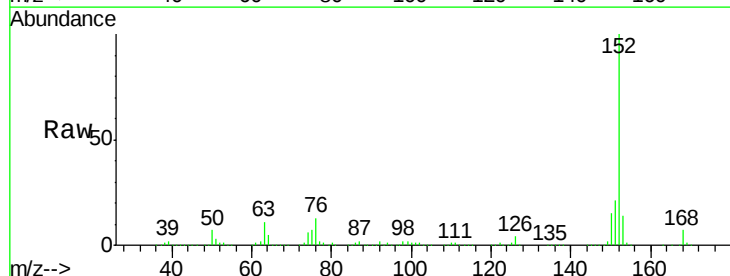
Instrument :
BNA_F
ClientSampled :

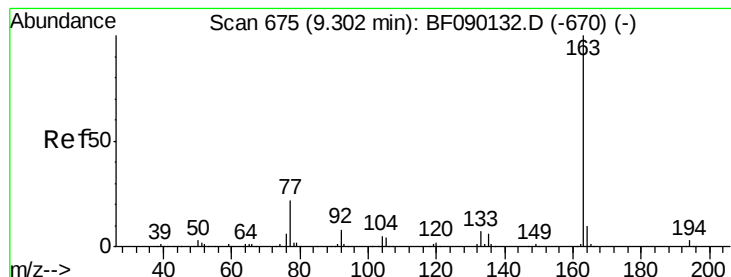
Tot Ion: 65 Resp: 447478
Ion Ratio Lower Upper
65 100
92 78.3 66.1 99.1
138 117.8 104.1 156.1



#48
Acenaphthylene
Concen: 71.08 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion: 152 Resp: 2011349
Ion Ratio Lower Upper
152 100
151 20.7 16.5 24.7
153 13.5 10.6 15.8





#49

Dimethylphthalate

Concen: 70.48 ng

RT: 9.31 min Scan# 676

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

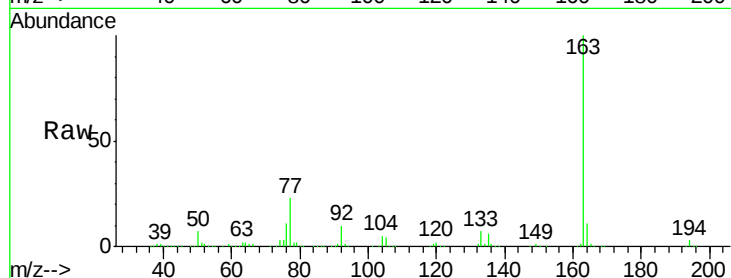
Tot Ion:163 Resp: 1482000

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

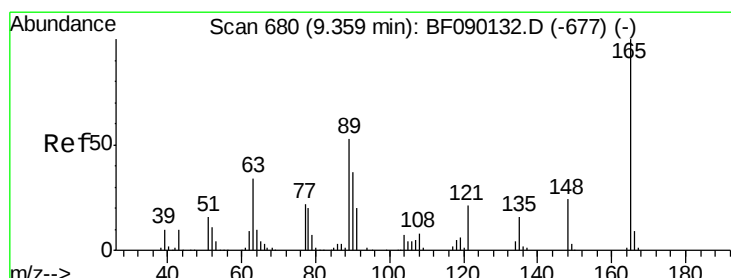
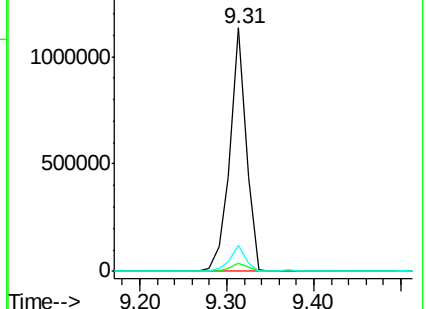
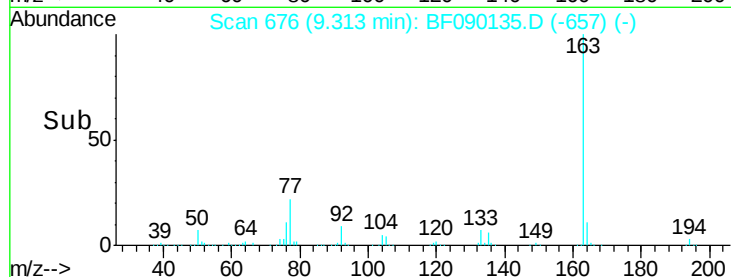
164 10.7 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 83.49 ng

RT: 9.37 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

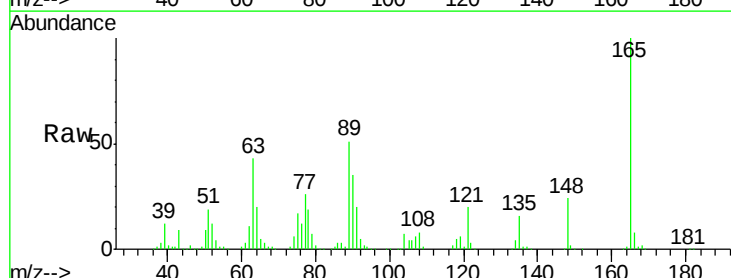
Tgt Ion:165 Resp: 391254

Ion Ratio Lower Upper

165 100

63 42.6 49.9 74.9#

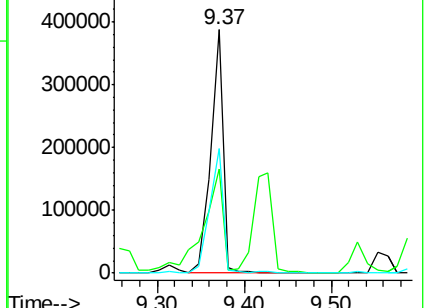
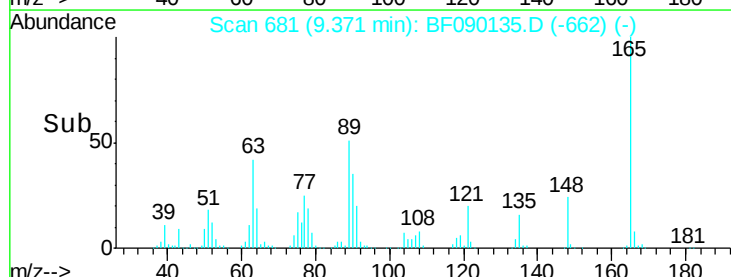
89 51.4 51.0 76.4

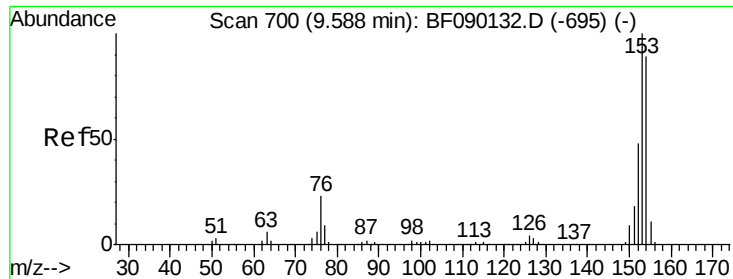


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 72.59 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

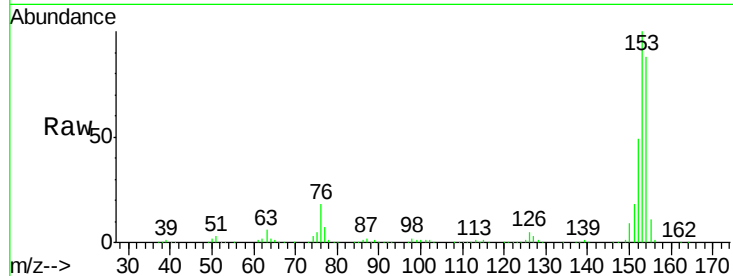
Tot Ion:154 Resp: 1219294

Ion Ratio Lower Upper

154 100

153 113.3 90.8 136.2

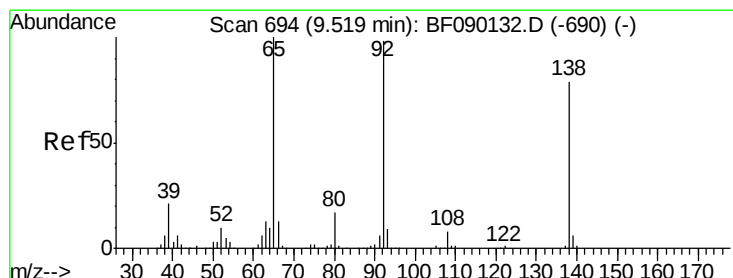
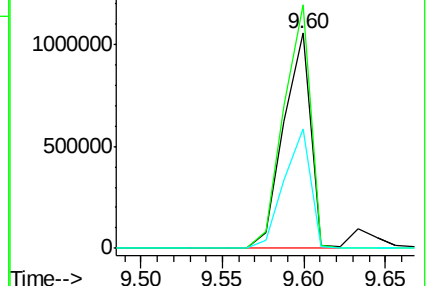
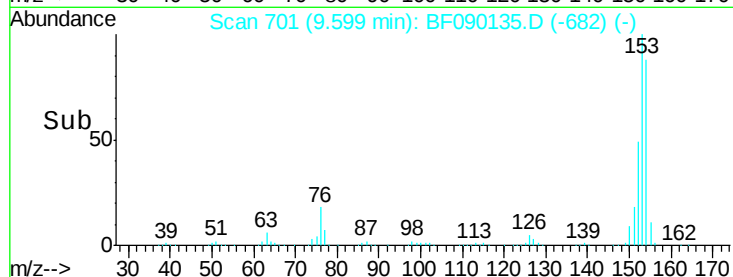
152 55.5 44.2 66.4



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: 76.51 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

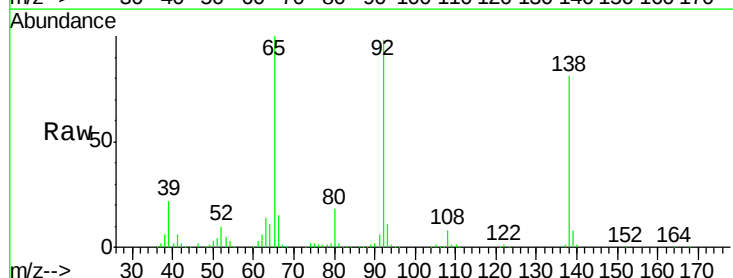
Tgt Ion:138 Resp: 420411

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

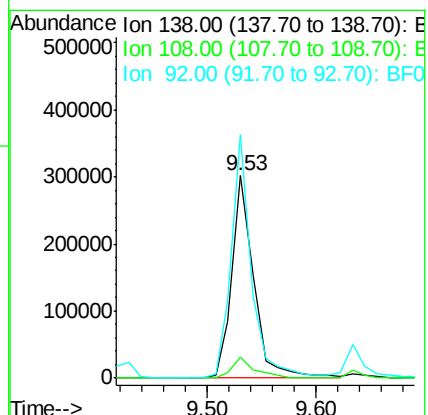
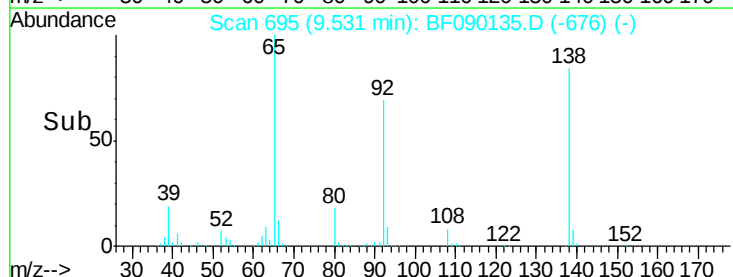
92 120.2 90.7 136.1

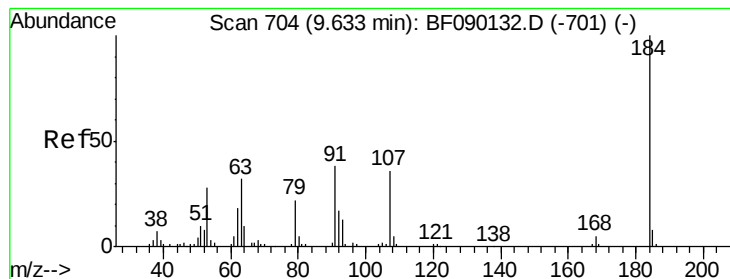


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 78.89 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampled :

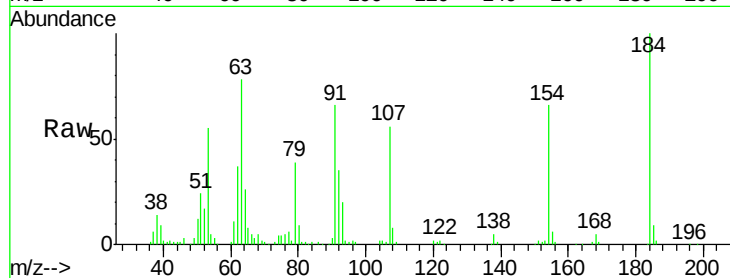
Tot Ion:184 Resp: 206668

Ion Ratio Lower Upper

184 100

63 77.7 44.6 67.0#

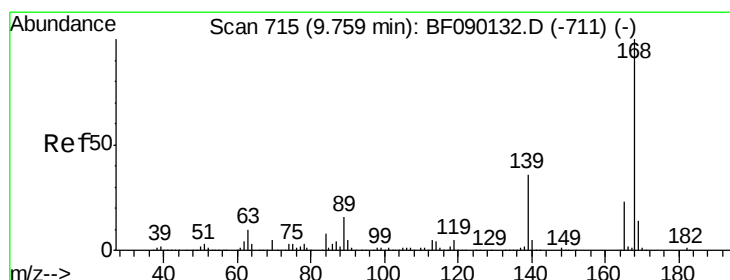
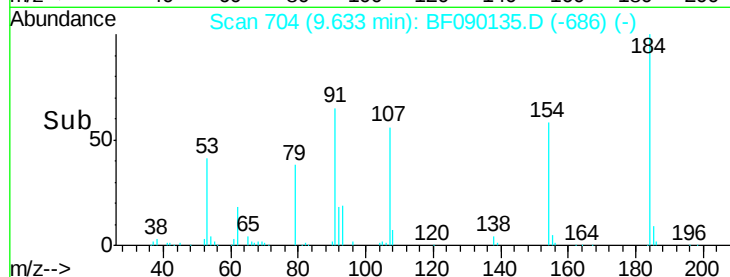
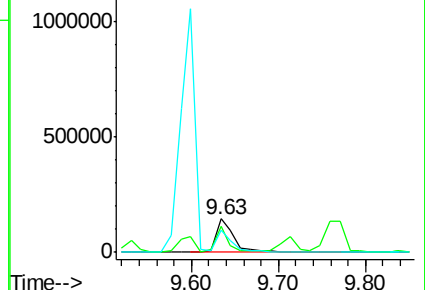
154 66.2 49.7 74.5



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: 70.64 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

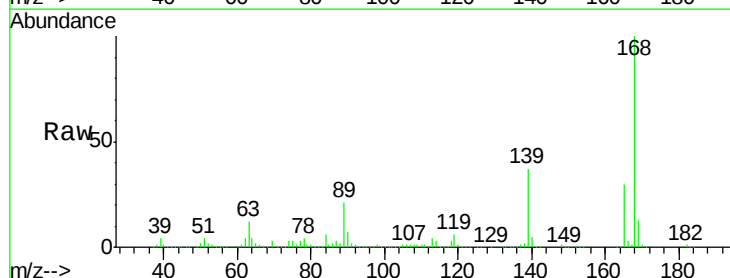
Tgt Ion:168 Resp: 1561474

Ion Ratio Lower Upper

168 100

139 37.2 28.8 43.2

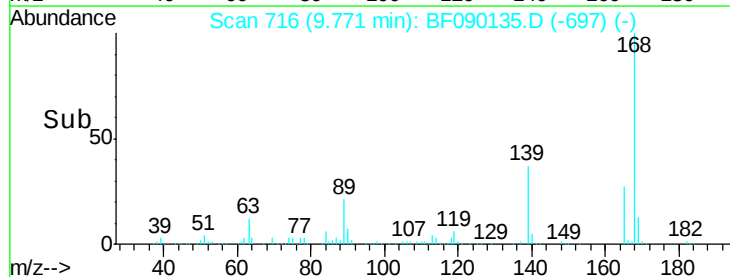
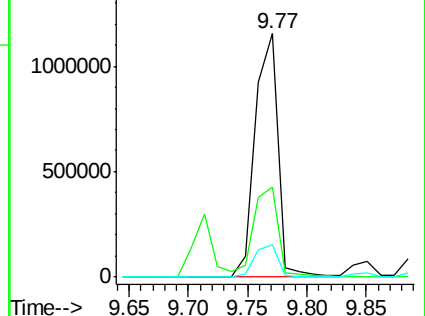
169 13.4 10.7 16.1

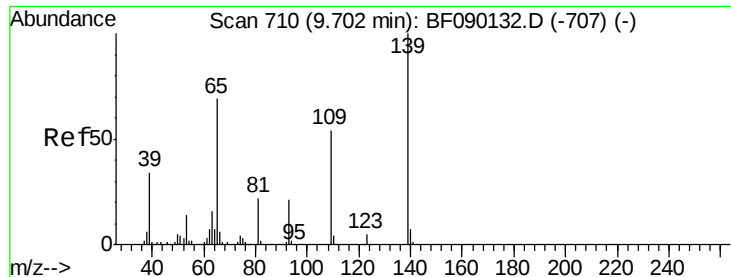


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

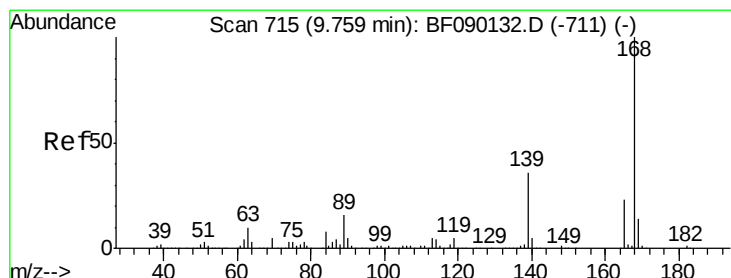
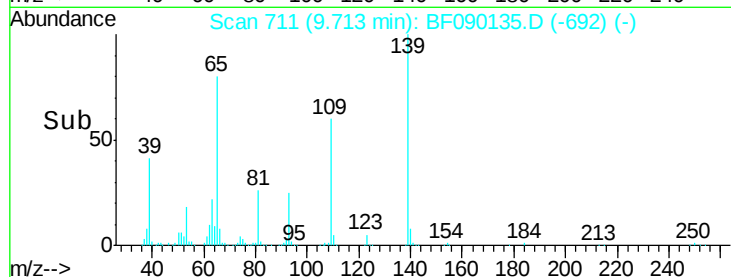
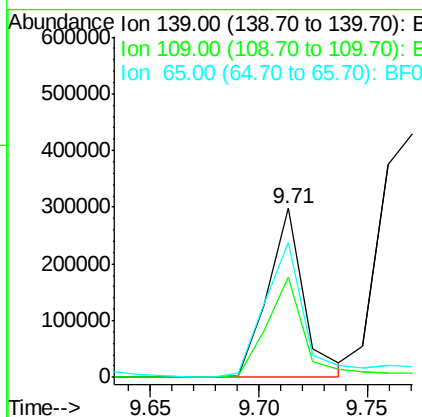
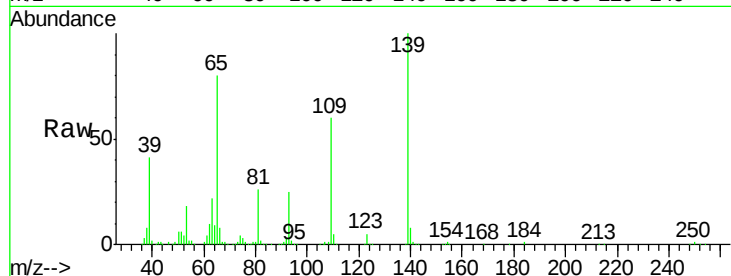




#55
4-Nitrophenol
Concen: 91.94 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

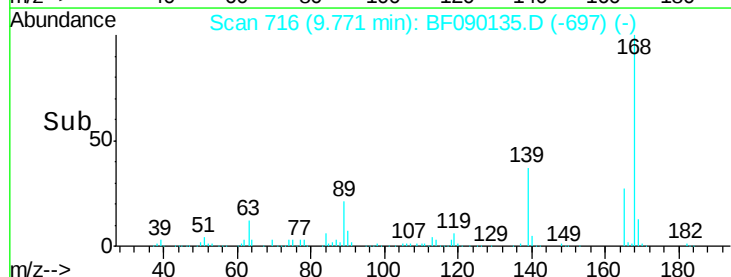
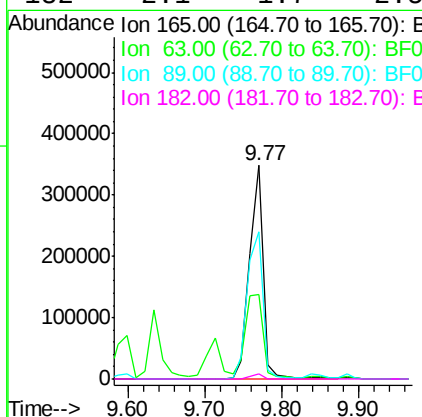
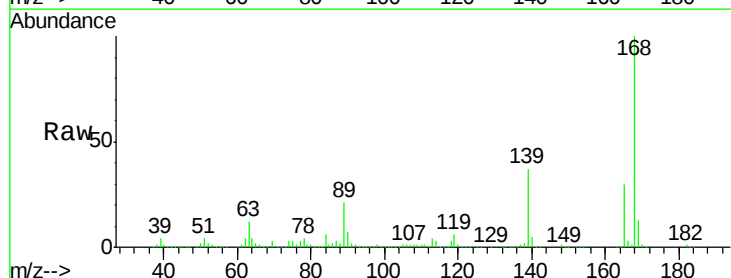
Instrument :
BNA_F
ClientSampled :

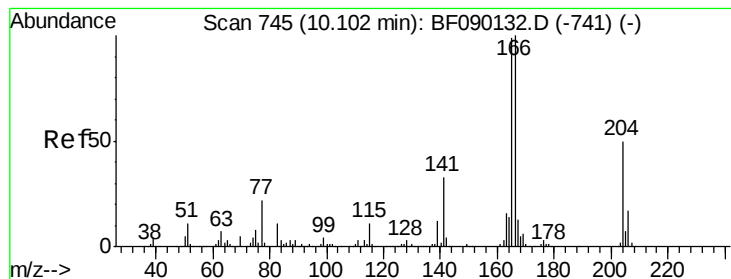
Tot Ion:139 Resp: 346074
Ion Ratio Lower Upper
139 100
109 59.6 35.6 75.6
65 79.9 55.5 95.5



#56
2,4-Dinitrotoluene
Concen: 77.95 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:165 Resp: 431965
Ion Ratio Lower Upper
165 100
63 39.3 44.4 66.6#
89 68.9 70.1 105.1#
182 2.1 1.7 2.5





#57

Fluorene

Concen: 64.63 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

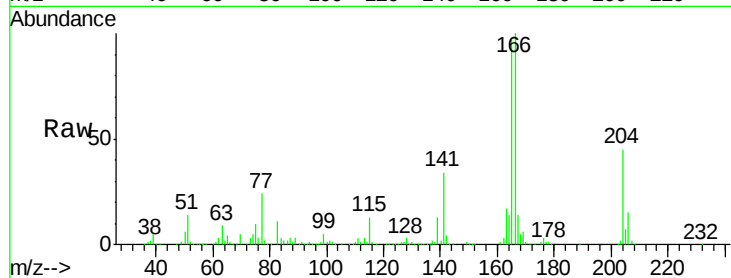
Tot Ion:166 Resp: 1076684

Ion Ratio Lower Upper

166 100

165 97.3 78.5 117.7

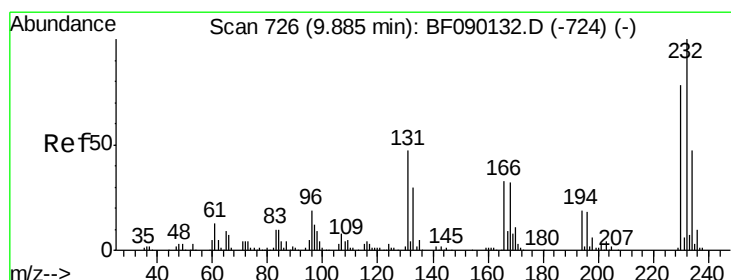
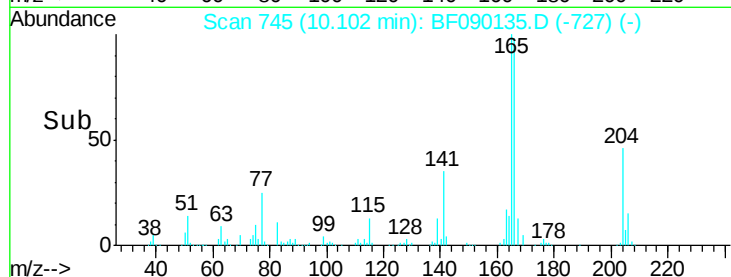
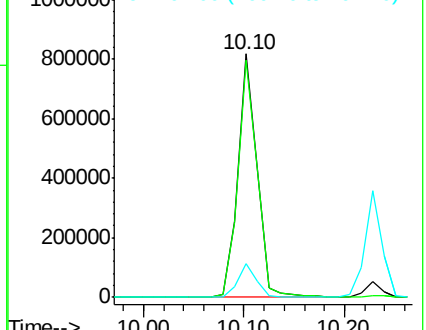
167 13.8 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 70.13 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Tgt Ion:232 Resp: 293557

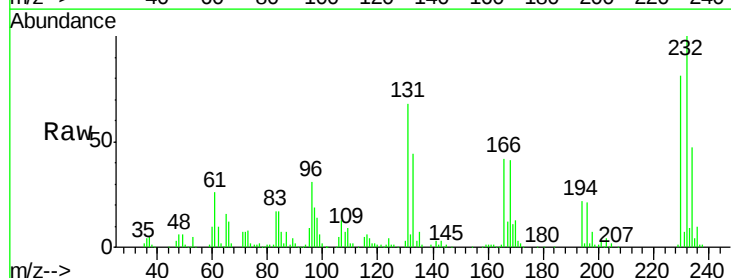
Ion Ratio Lower Upper

232 100

131 50.9 42.2 63.4

130 2.3 1.9 2.9

166 34.1 26.4 39.6

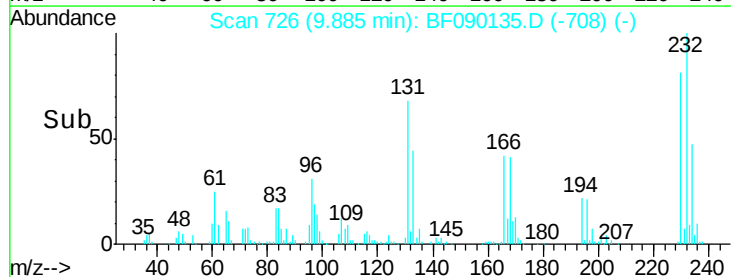
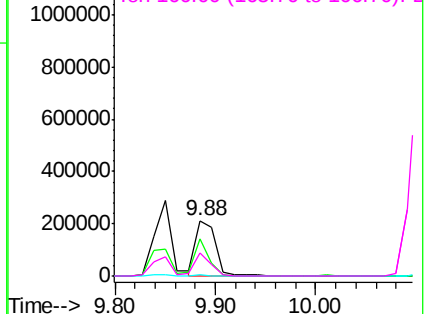


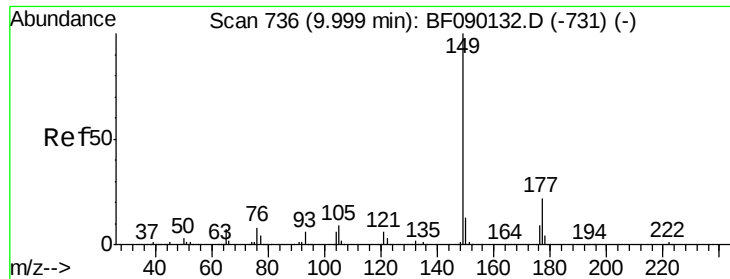
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

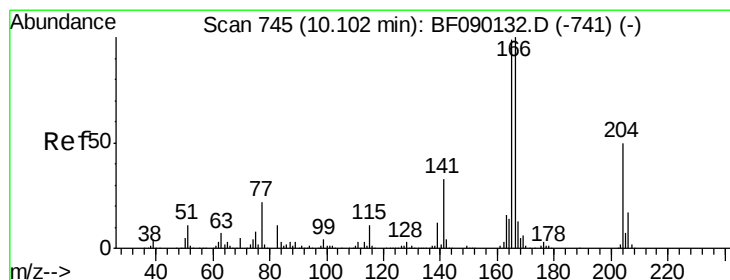
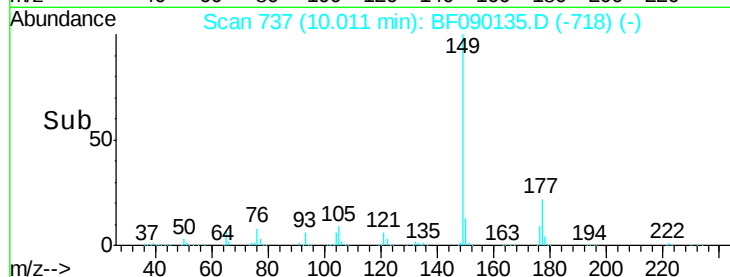
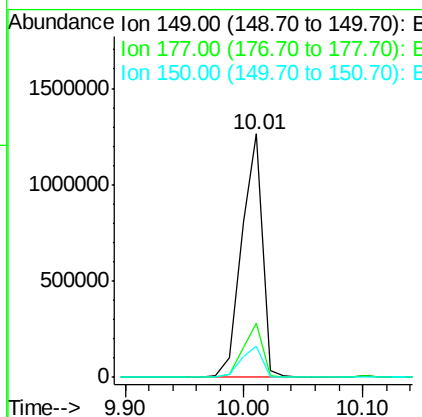
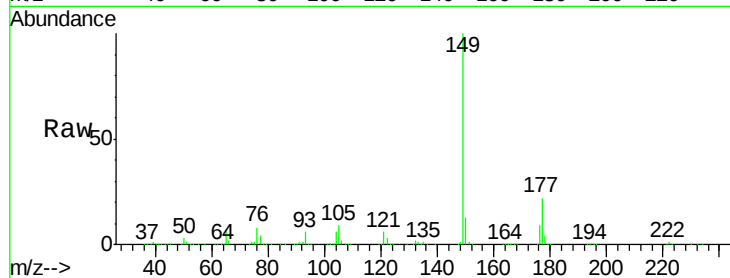




#59
Diethylphthalate
Concen: 75.18 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

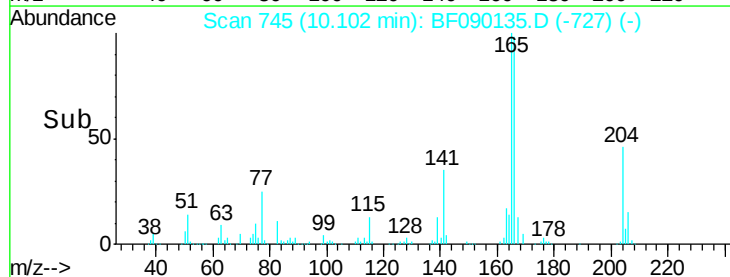
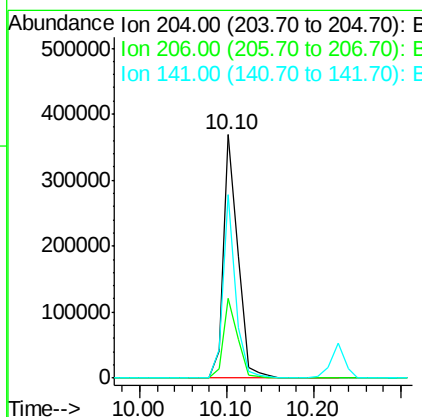
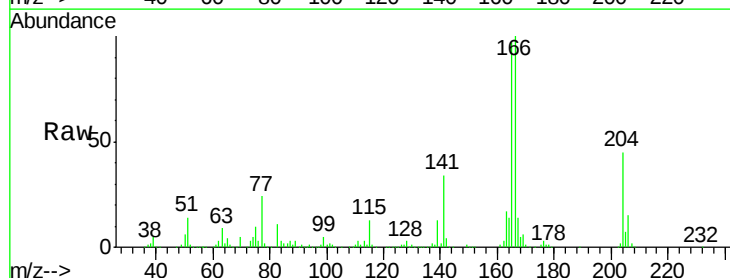
Instrument :
BNA_F
ClientSampleId :

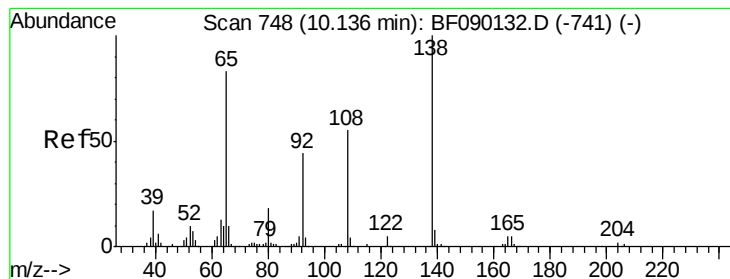
Tot Ion:149 Resp: 1526627
Ion Ratio Lower Upper
149 100
177 22.2 15.8 23.6
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 56.75 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:204 Resp: 431042
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 75.5 64.4 96.6





#61

4-Nitroaniline

Concen: 83.38 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.02 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

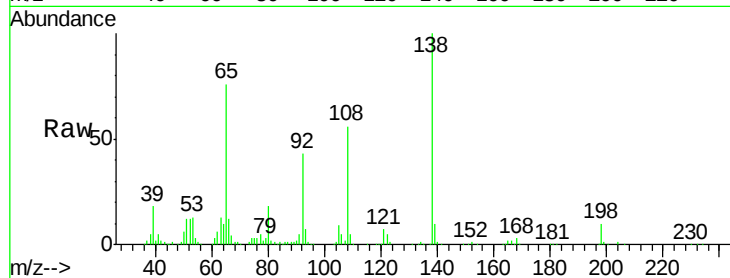
Tot Ion:138 Resp: 466905

Ion Ratio Lower Upper

138 100

92 42.7 23.8 63.8

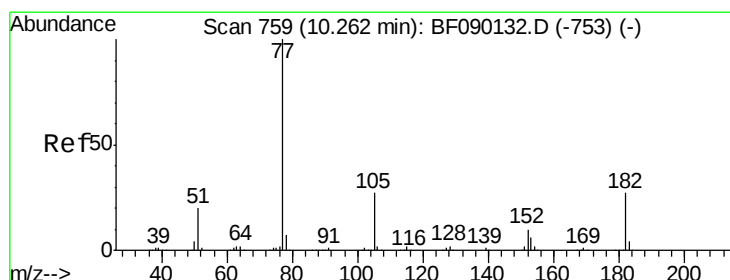
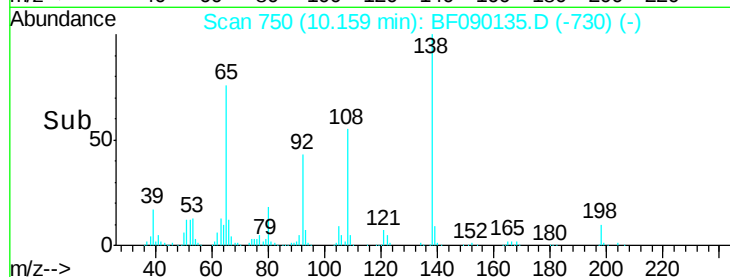
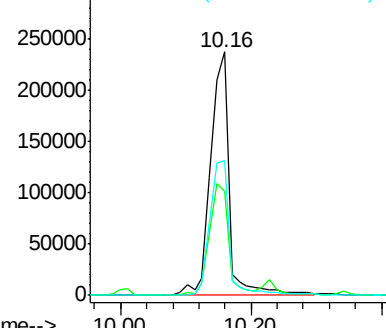
108 55.6 35.0 75.0



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: 67.72 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Tgt Ion: 77 Resp: 1431494

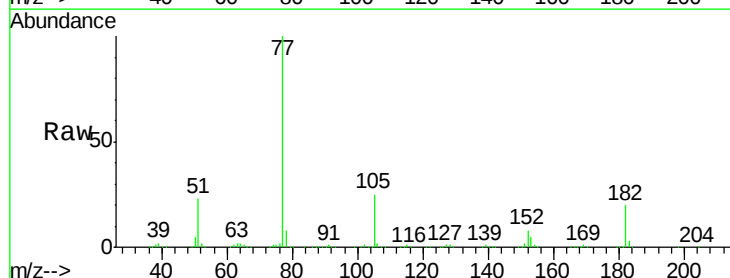
Ion Ratio Lower Upper

77 100

182 20.5 0.0 38.4

105 25.0 3.8 43.8

51 23.0 2.6 42.6

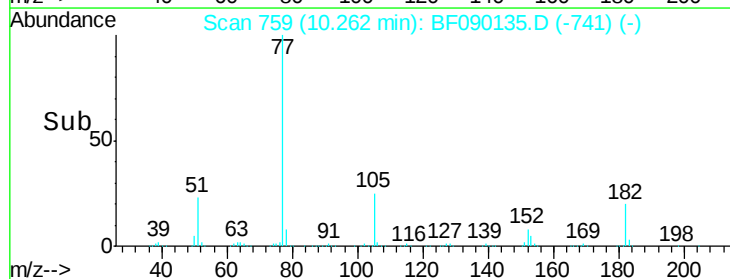
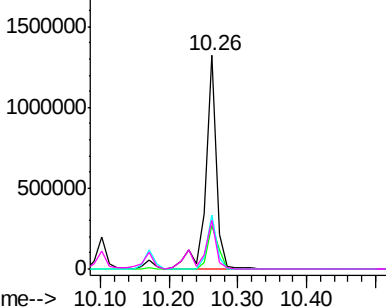


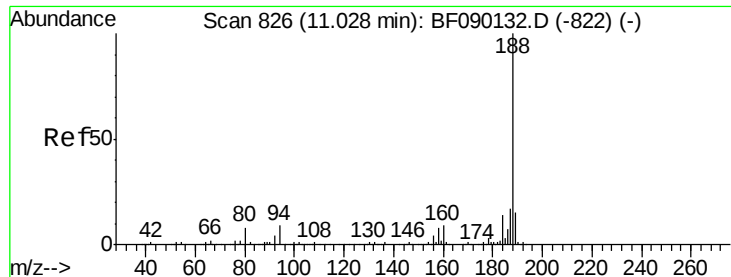
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

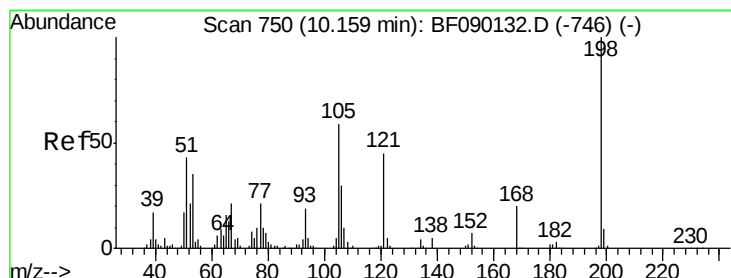
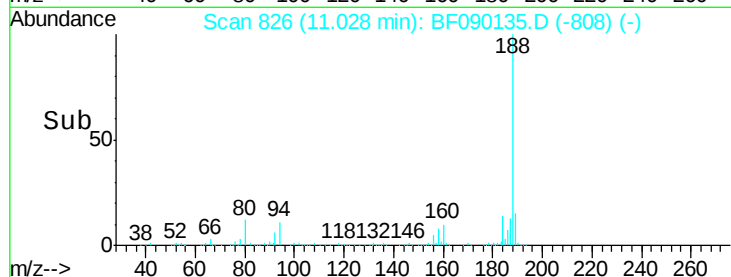
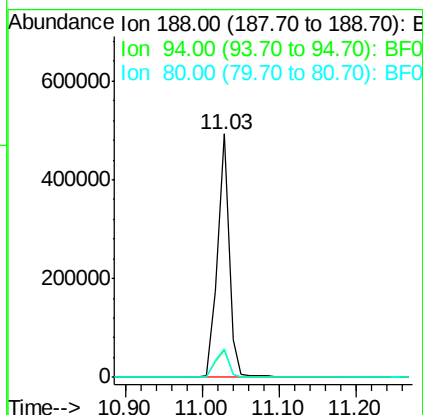
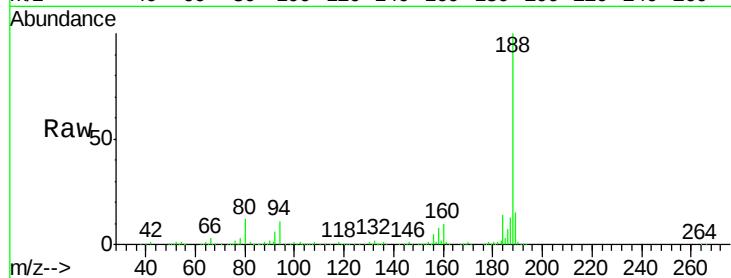




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

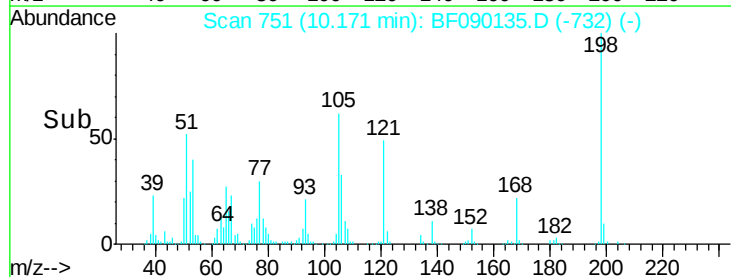
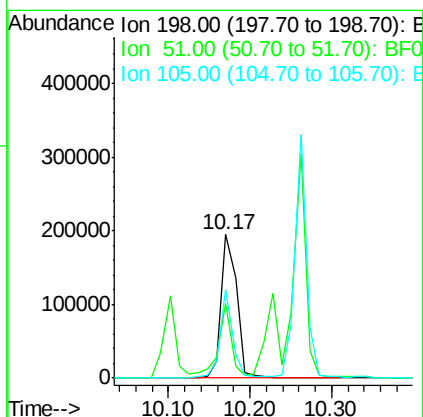
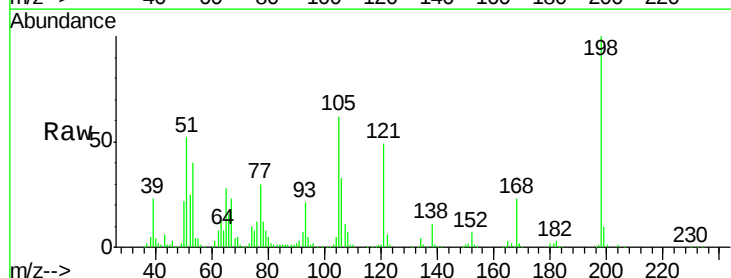
Instrument :
BNA_F
ClientSampleId :

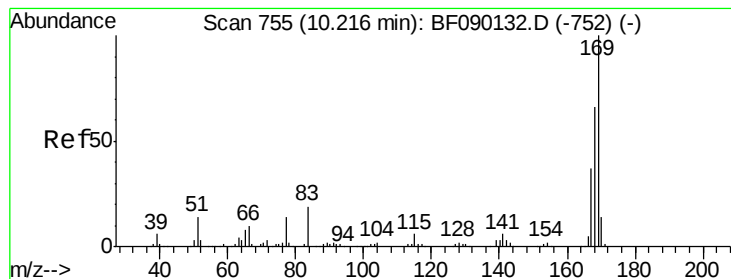
Tot Ion:188 Resp: 527113
Ion Ratio Lower Upper
188 100
94 11.2 10.5 15.7
80 11.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 78.05 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:198 Resp: 257695
Ion Ratio Lower Upper
198 100
51 52.3 5.5 45.5#
105 61.6 21.8 61.8

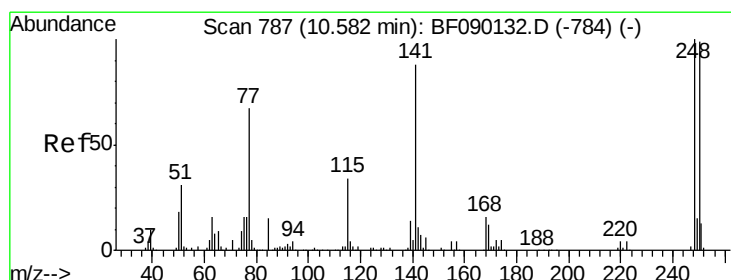
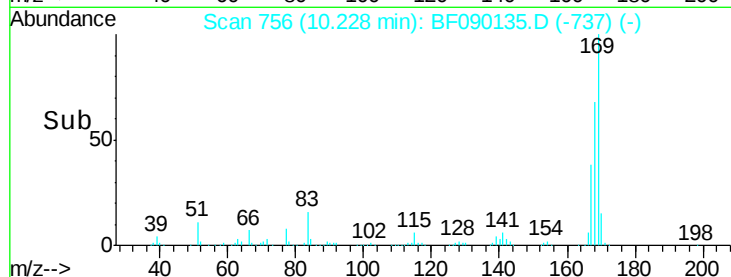
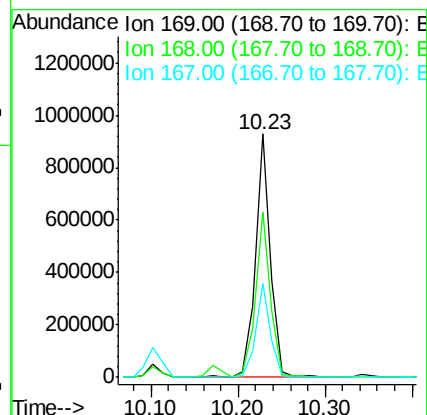
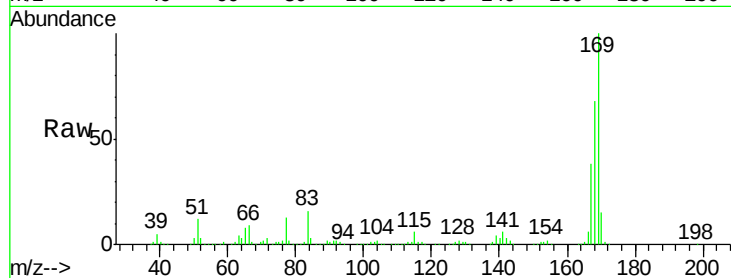




#65
 n-Nitrosodiphenylamine
 Concen: 64.73 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

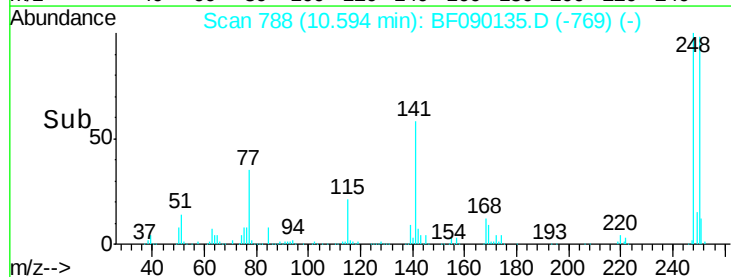
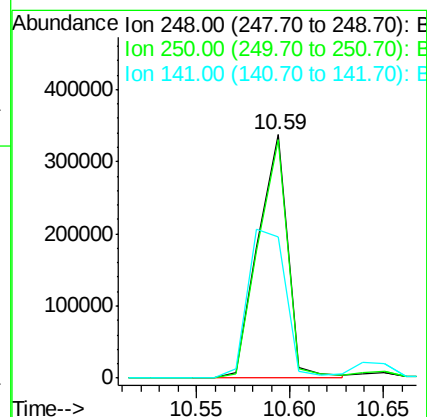
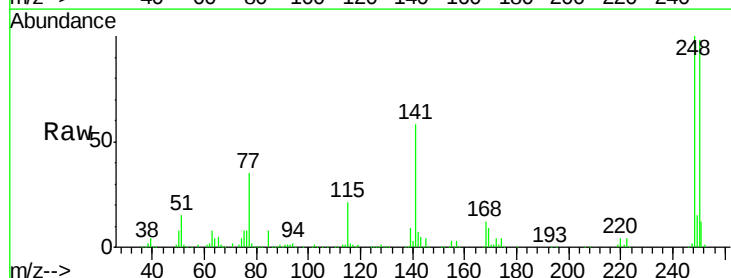
Instrument :
 BNA_F
 ClientSampleId :

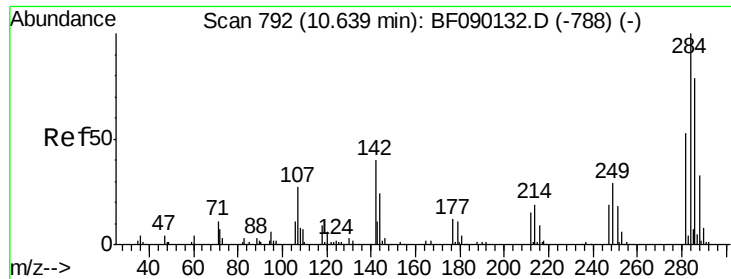
Tot Ion:169 Resp: 1122025
 Ion Ratio Lower Upper
 169 100
 168 67.9 54.2 81.4
 167 38.4 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 72.89 ng
 RT: 10.59 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:248 Resp: 378094
 Ion Ratio Lower Upper
 248 100
 250 98.0 79.4 119.2
 141 58.2 49.3 73.9

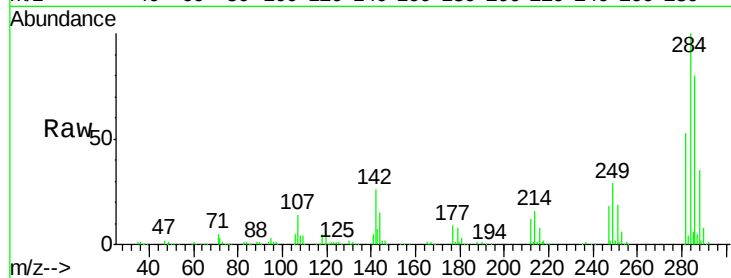




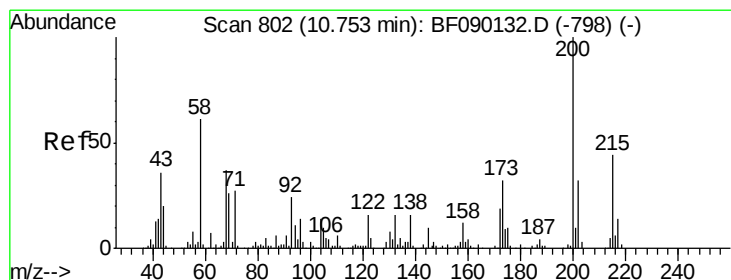
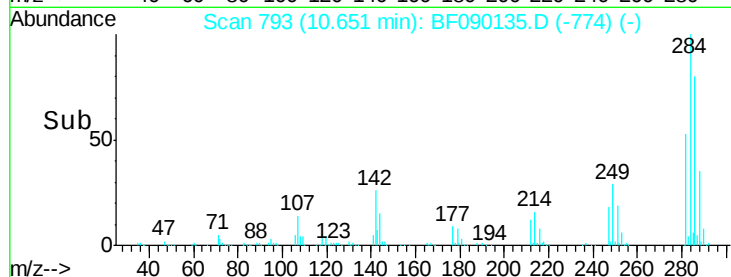
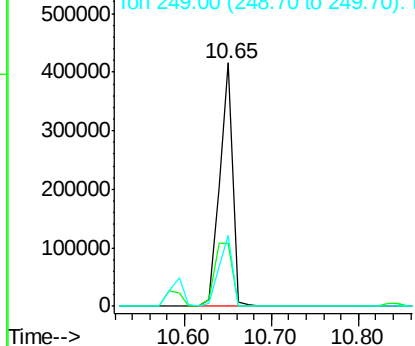
#67
Hexachlorobenzene
Concen: 73.24 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 442772
Ion Ratio Lower Upper
284 100
142 26.2 24.0 36.0
249 28.8 23.8 35.6

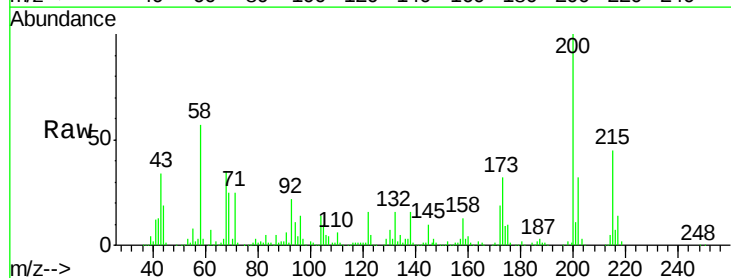


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

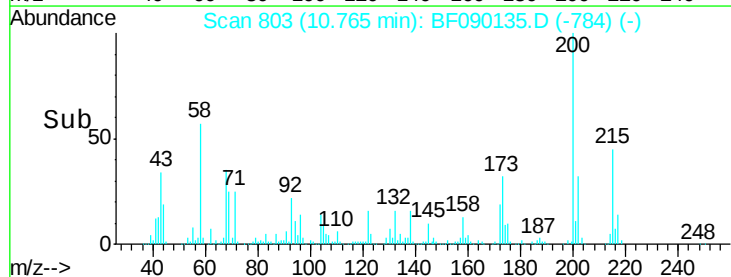
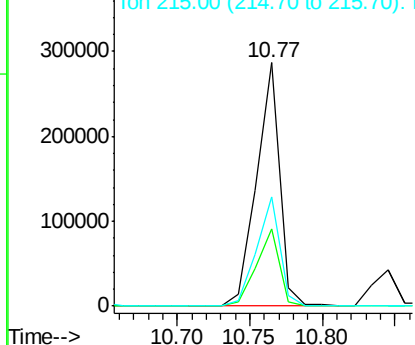


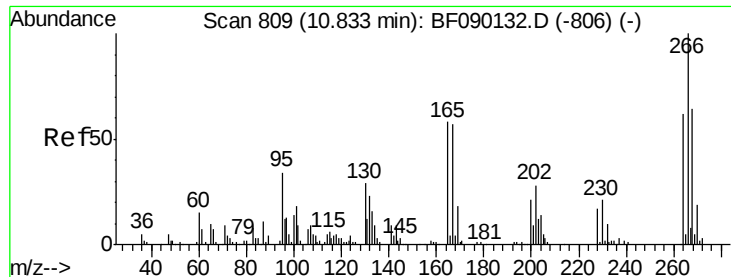
#68
Atrazine
Concen: 67.22 ng
RT: 10.77 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:200 Resp: 319303
Ion Ratio Lower Upper
200 100
173 31.7 9.3 49.3
215 45.0 26.1 66.1



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

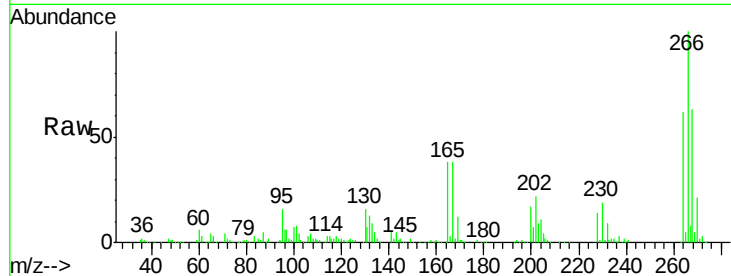




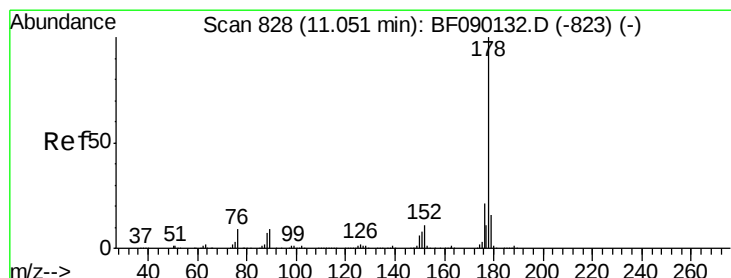
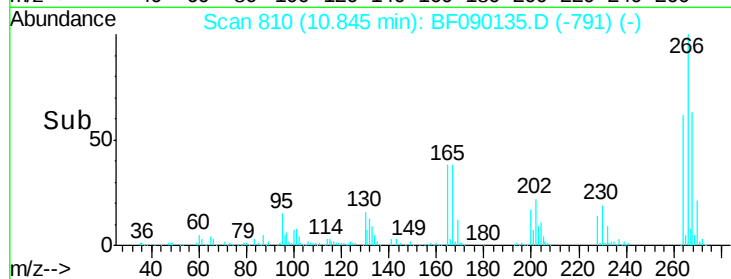
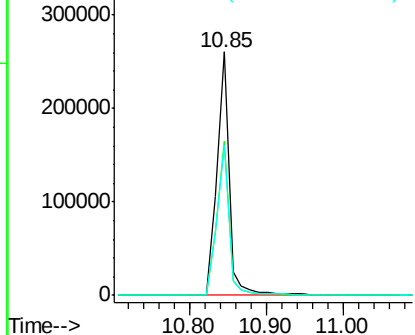
#69
 Pentachlorophenol
 Concen: 84.65 ng
 RT: 10.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 290444
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.1 78.1
 264 61.8 50.3 75.5

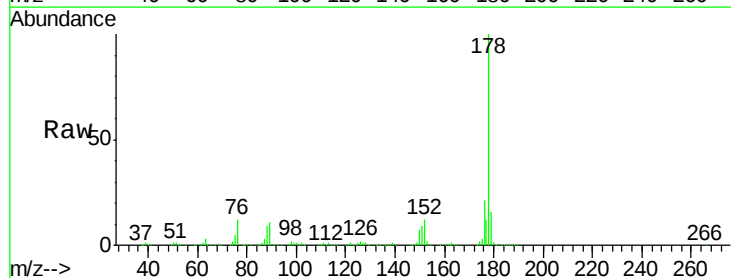


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

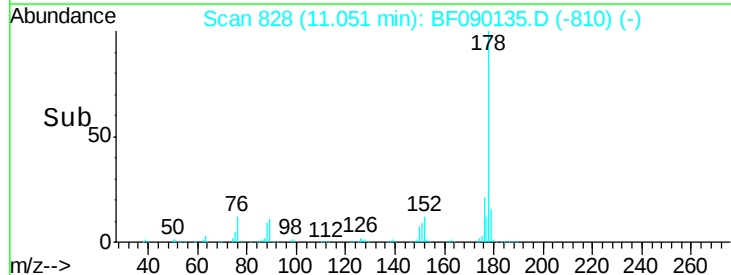
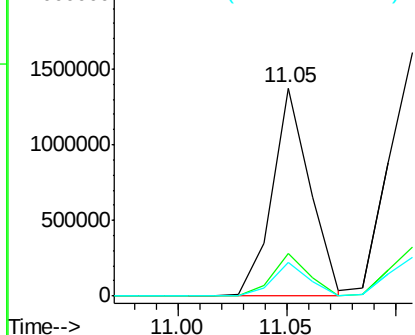


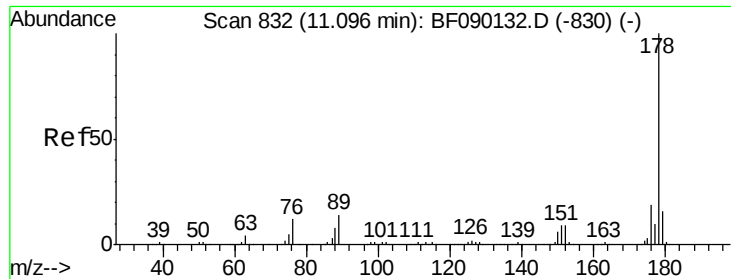
#70
 Phenanthrene
 Concen: 67.13 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:178 Resp: 1654816
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.9 23.9
 179 16.3 12.9 19.3



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

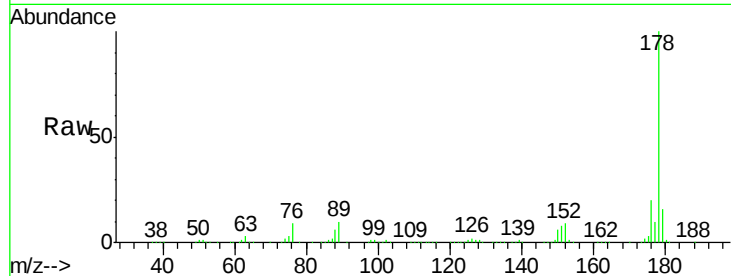




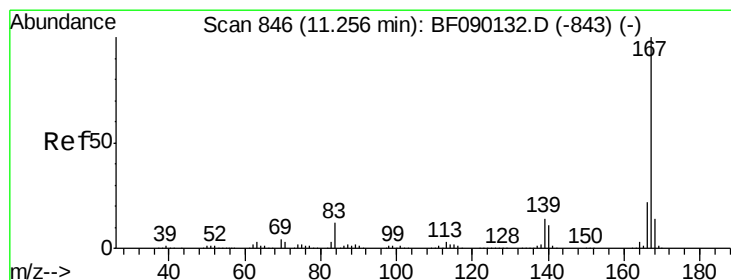
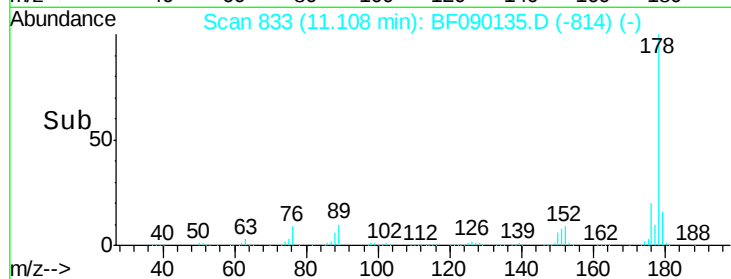
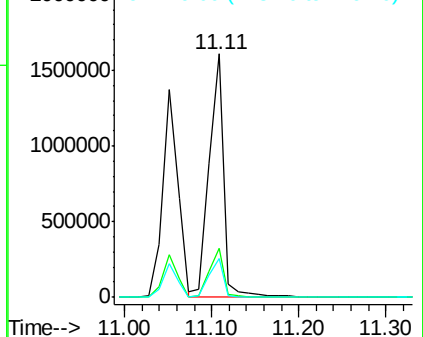
#71
 Anthracene
 Concen: 72.67 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1878813
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.6
 179 16.0 12.6 19.0

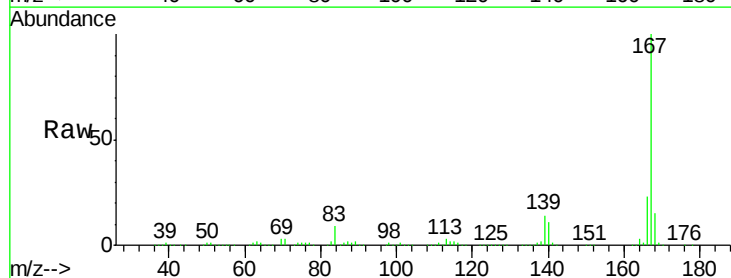


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

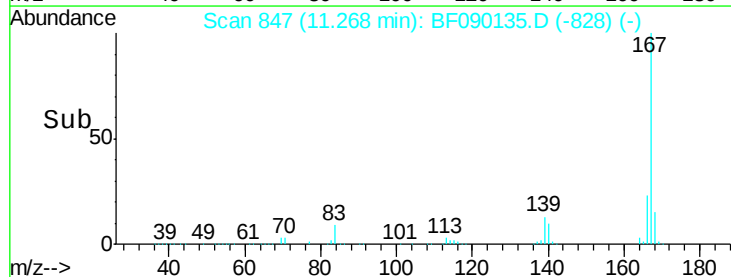
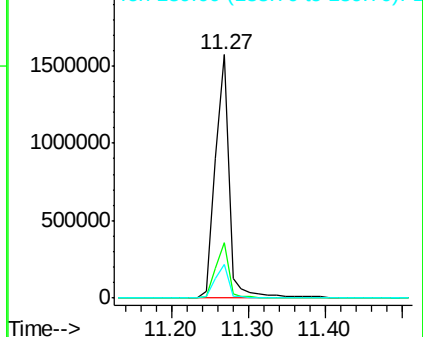


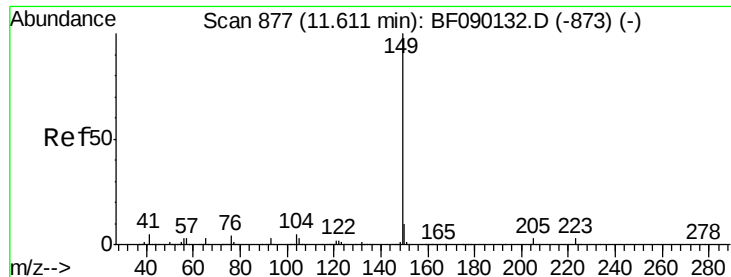
#72
 Carbazole
 Concen: 72.04 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:167 Resp: 1969176
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 13.8 10.4 15.6



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: 61.71 ng

RT: 11.61 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampled :

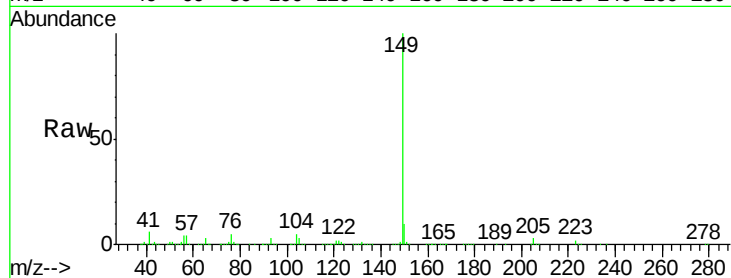
Tot Ion:149 Resp: 1961307

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.8

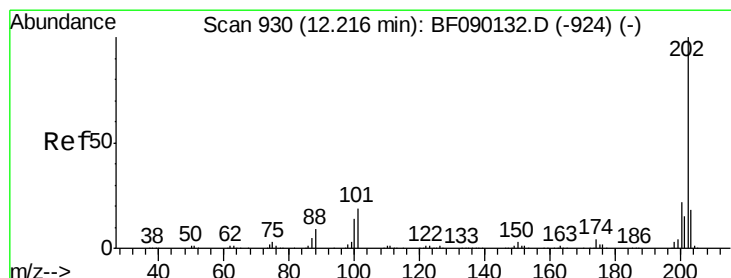
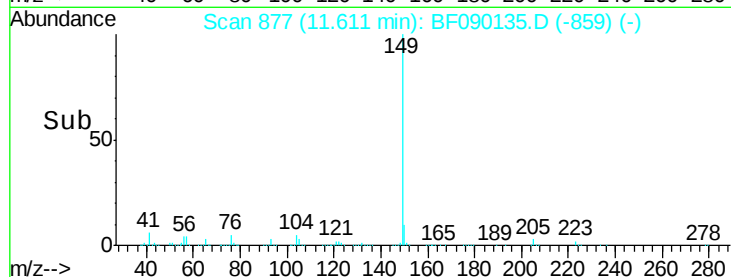
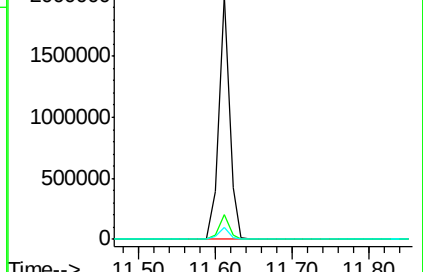
104 5.1 3.9 5.9



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: 65.94 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

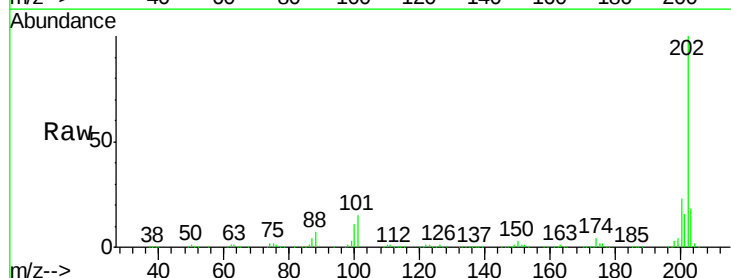
Tgt Ion:202 Resp: 1744775

Ion Ratio Lower Upper

202 100

101 14.9 0.0 36.1

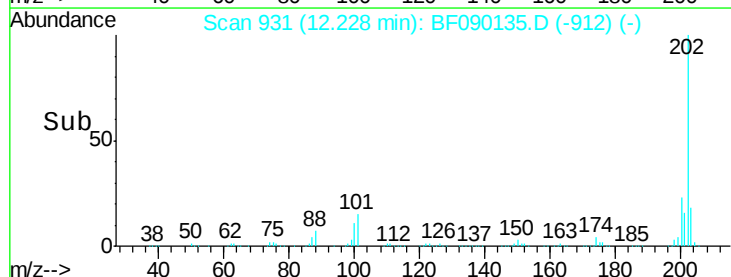
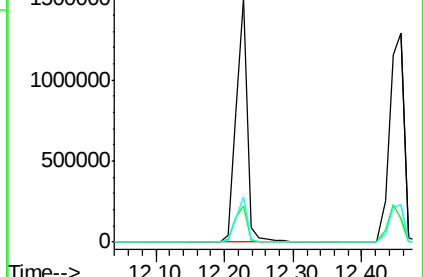
203 18.4 0.0 38.2

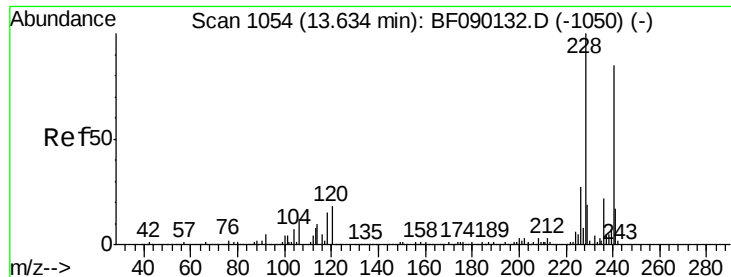


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.65 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

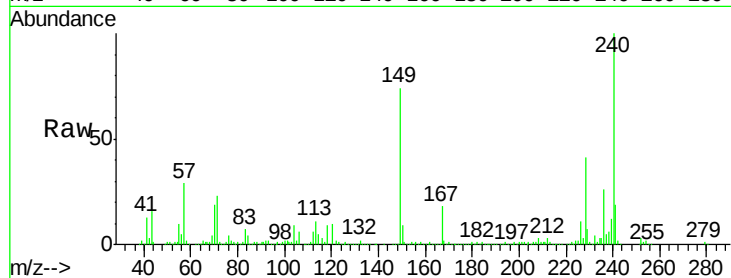
Tot Ion:240 Resp: 351214

Ion Ratio Lower Upper

240 100

120 9.7 10.6 16.0#

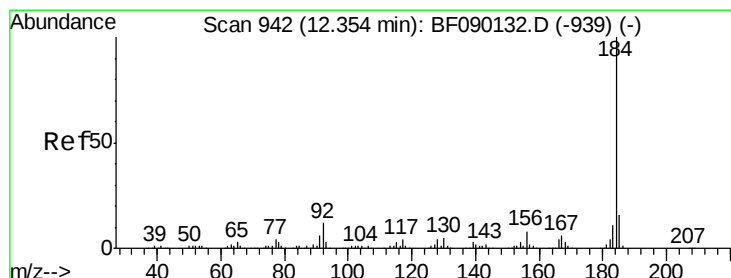
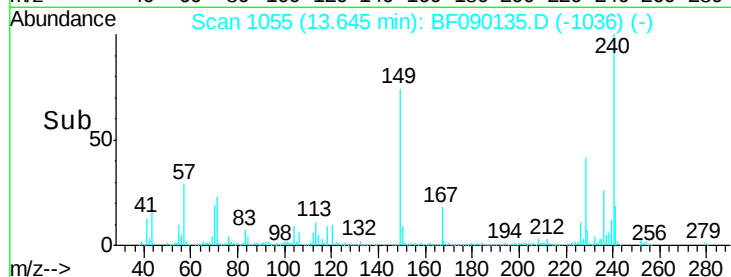
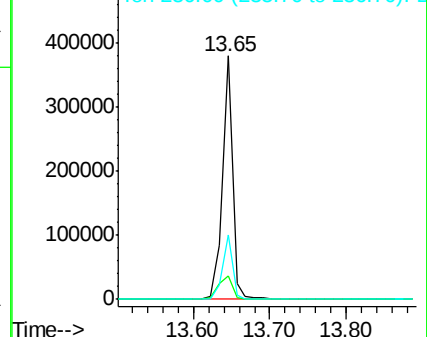
236 26.3 21.6 32.4



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: 82.25 ng

RT: 12.37 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

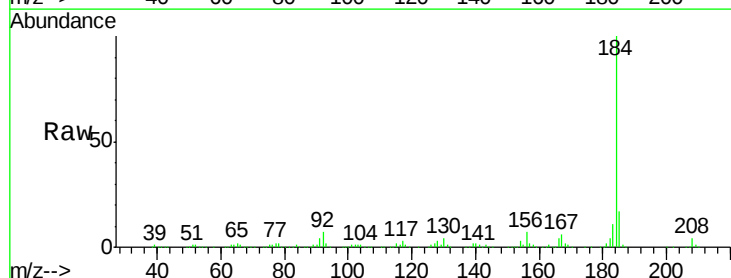
Tgt Ion:184 Resp: 966880

Ion Ratio Lower Upper

184 100

185 17.1 13.2 19.8

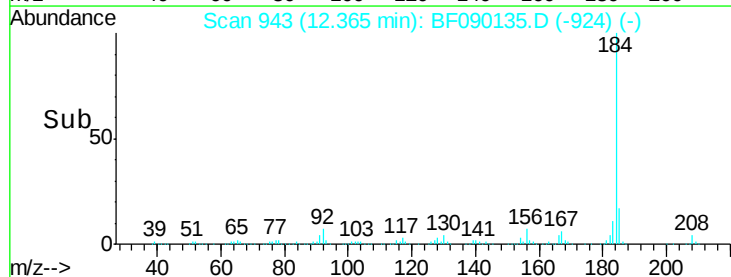
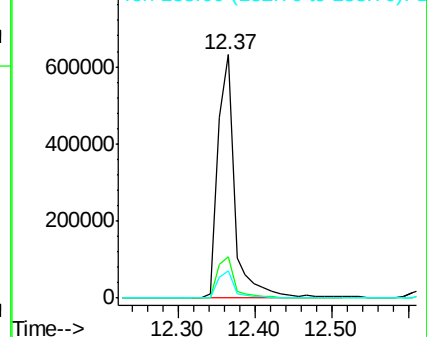
183 11.1 9.2 13.8

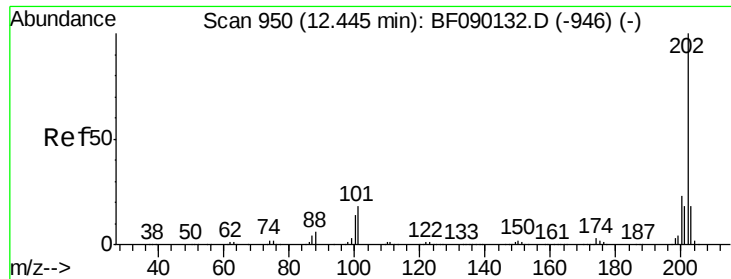


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 79.06 ng

RT: 12.46 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :
BNA_F
ClientSampleId :

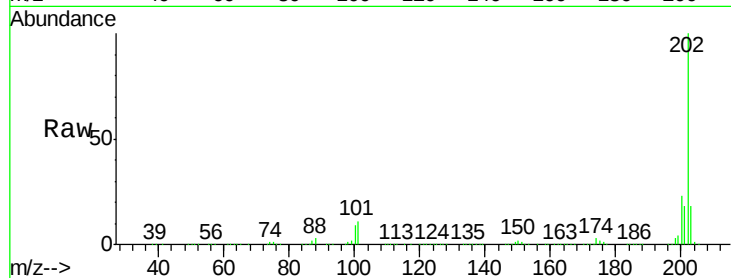
Tot Ion:202 Resp: 1900105

Ion Ratio Lower Upper

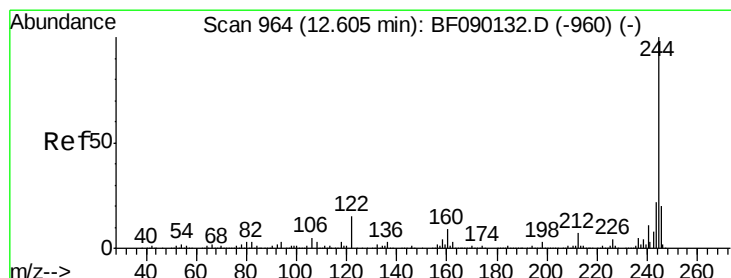
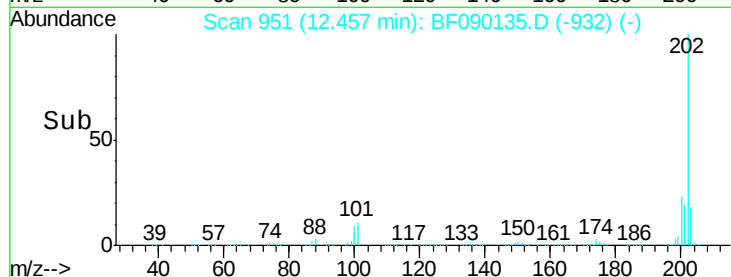
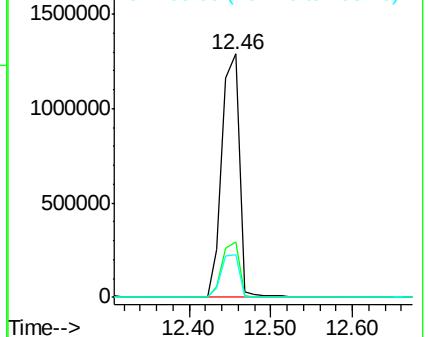
202 100

200 22.8 17.9 26.9

203 17.7 14.2 21.4



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: 71.76 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

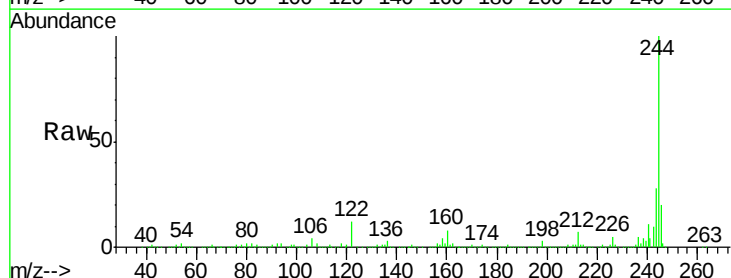
Tgt Ion:244 Resp: 1985377

Ion Ratio Lower Upper

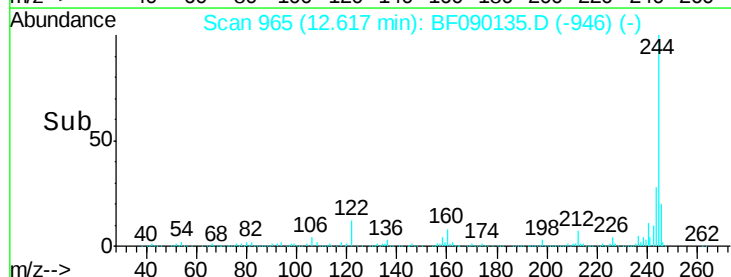
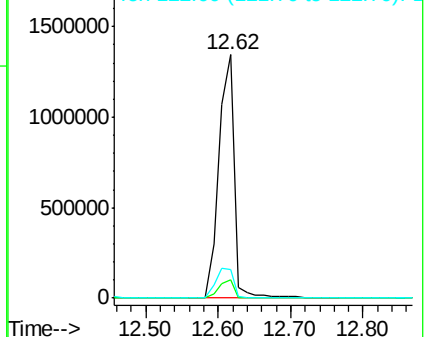
244 100

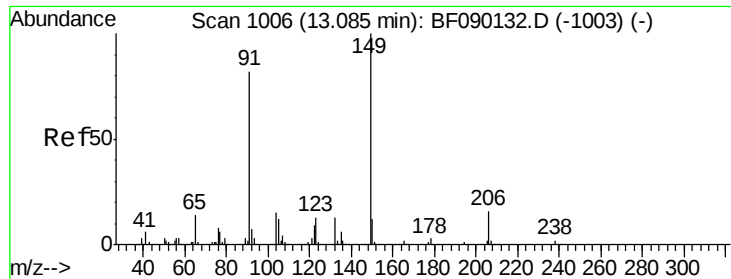
212 7.5 5.8 8.8

122 11.7 9.4 14.0



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

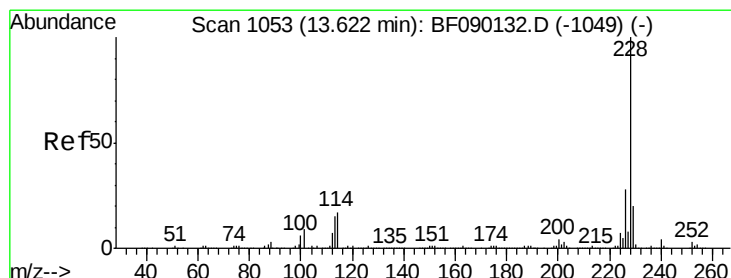
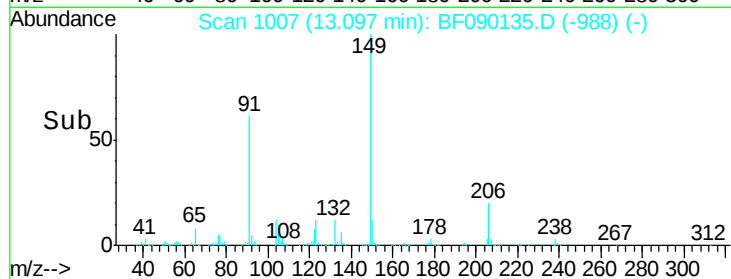
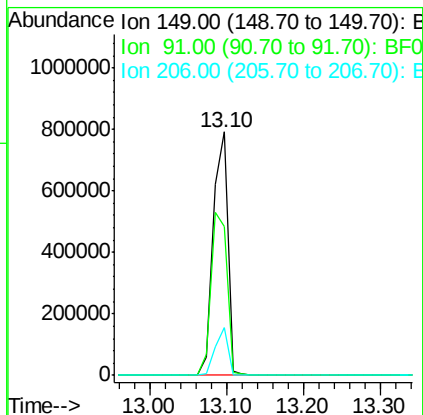
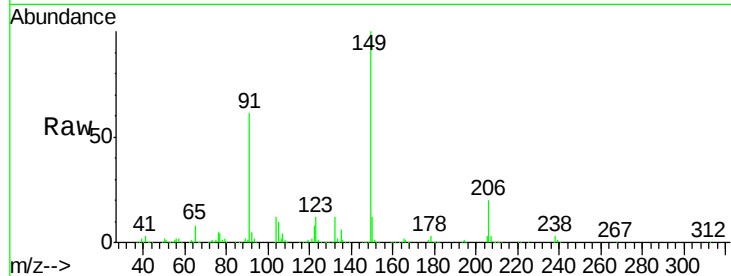




#79
Butylbenzylphthalate
Concen: 87.84 ng
RT: 13.10 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

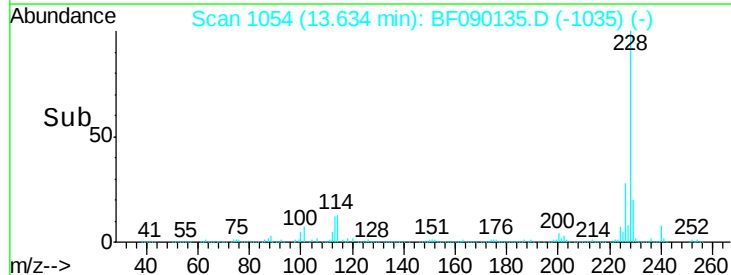
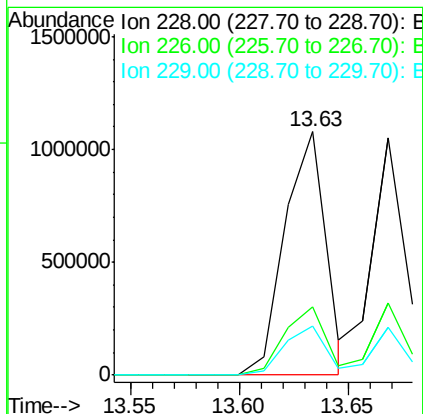
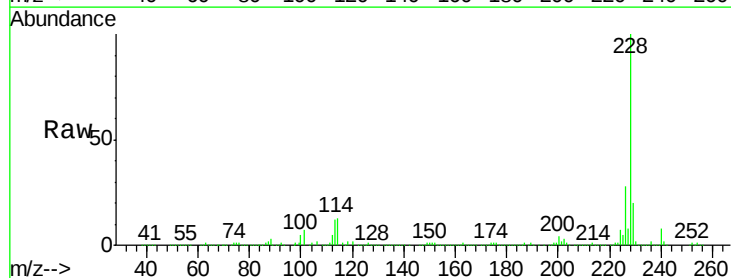
Instrument :
BNA_F
ClientSampleId :

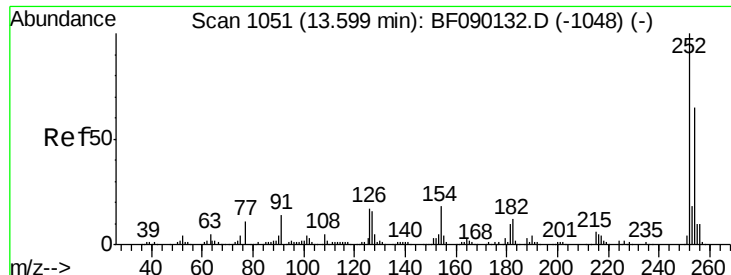
Tot Ion:149 Resp: 1032591
Ion Ratio Lower Upper
149 100
91 60.9 49.8 74.6
206 19.9 16.3 24.5



#80
Benzo(a)anthracene
Concen: 75.36 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF090135.D
Acq: 20 Sep 2016 13:32

Tgt Ion:228 Resp: 1423899
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.2 16.2 24.2

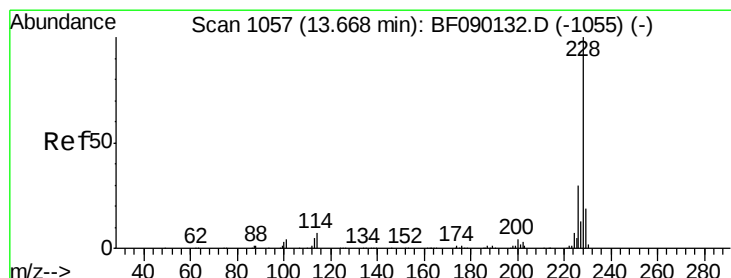
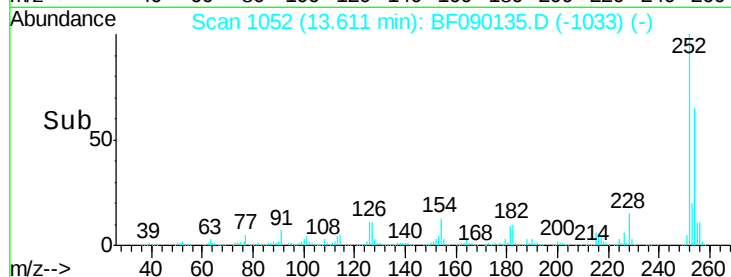
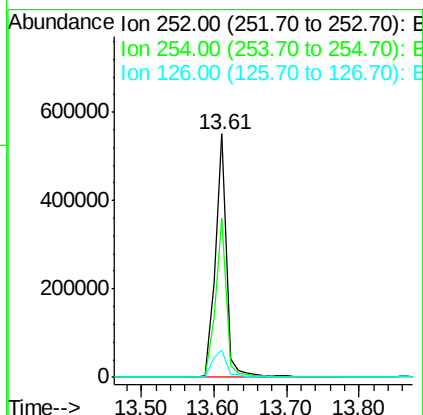
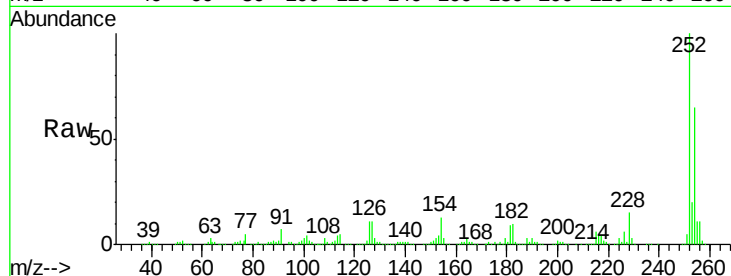




#81
 3,3'-Dichlorobenzidine
 Concen: 76.00 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

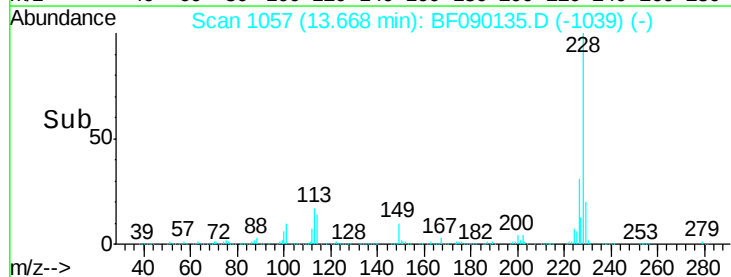
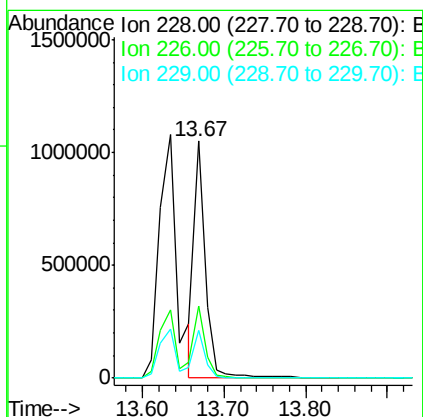
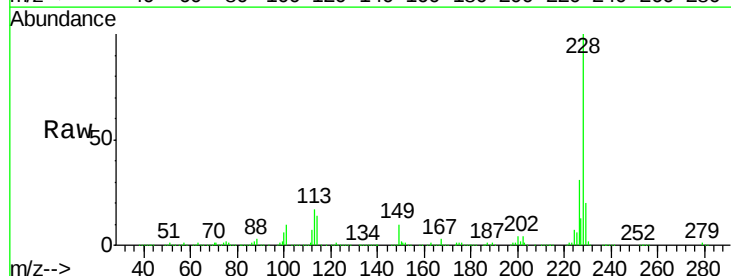
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 592253
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.7 76.1
 126 11.1 9.2 13.8



#82
 Chrysene
 Concen: 54.87 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:228 Resp: 1009893
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.6 37.0
 229 20.1 16.2 24.4

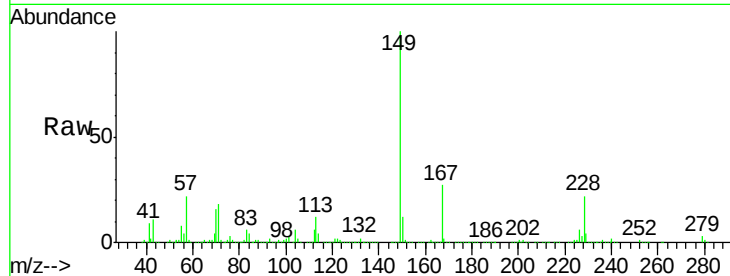




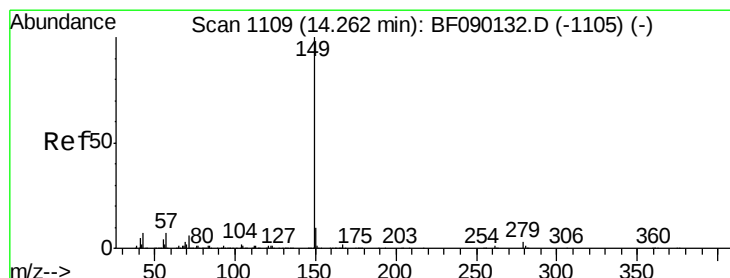
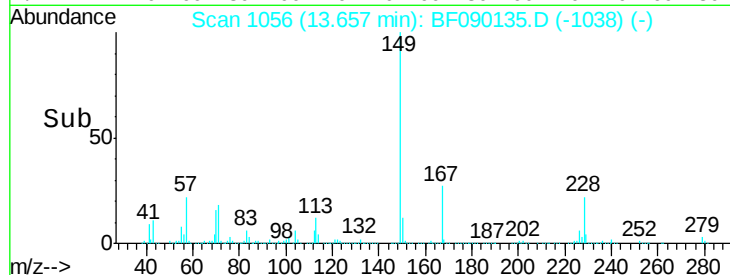
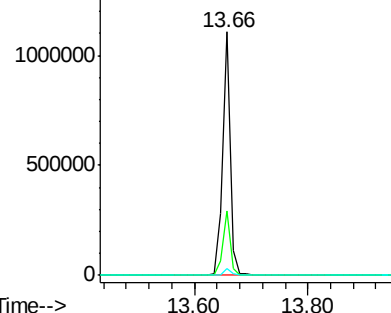
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 70.12 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 1054863
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.2 31.8
 279 3.0 2.2 3.2

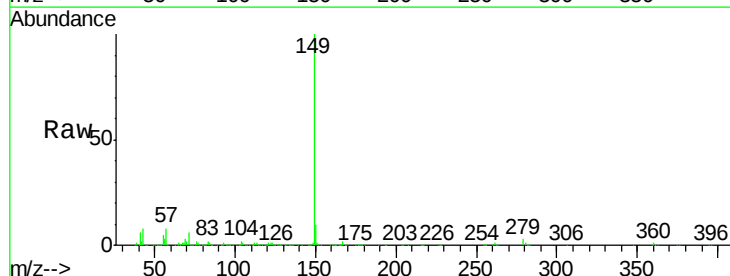


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

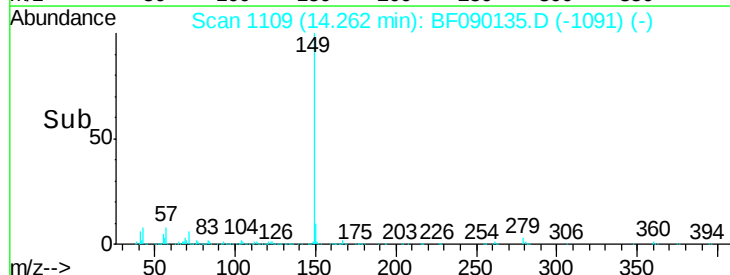
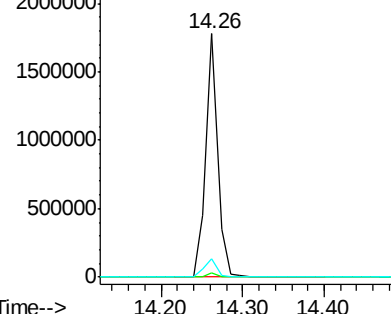


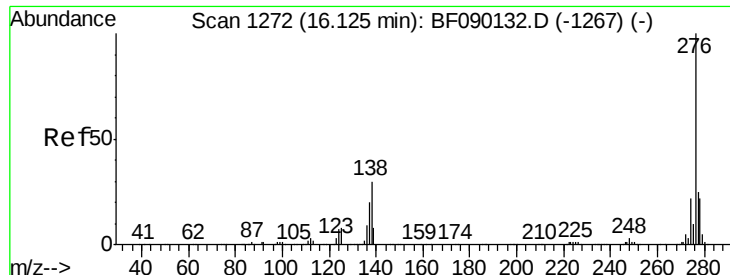
#84
 Di-n-octyl phthalate
 Concen: 70.27 ng
 RT: 14.26 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:149 Resp: 1821206
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.1 6.8 10.2



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



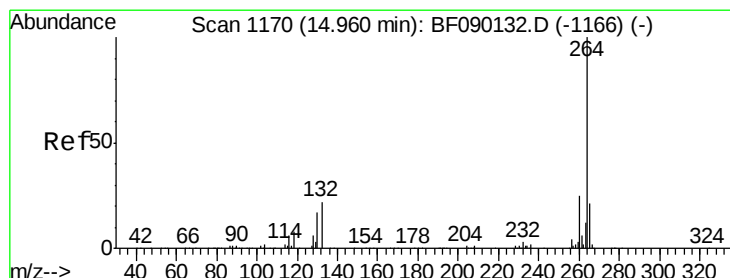
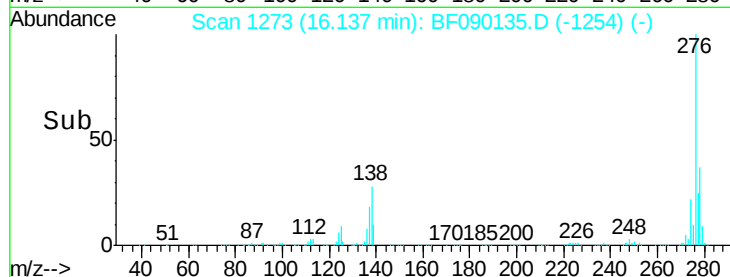
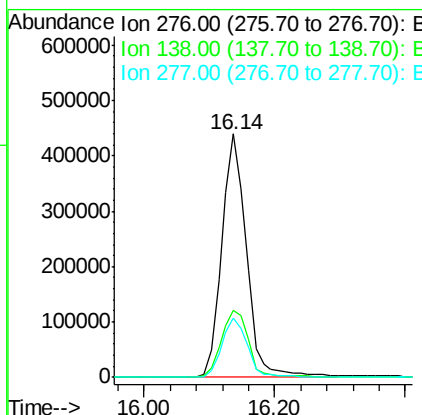
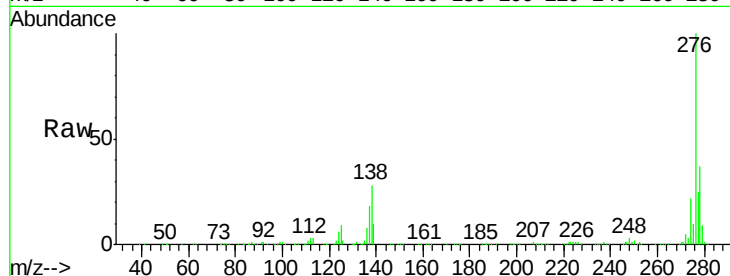


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.82 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1158136

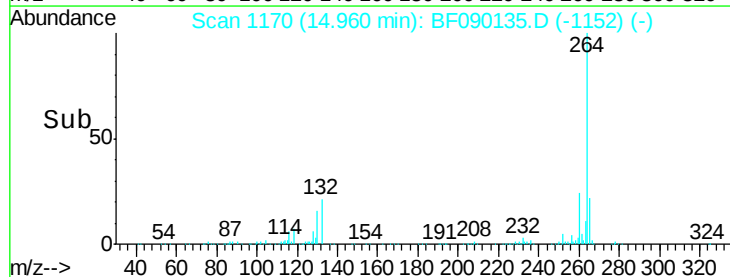
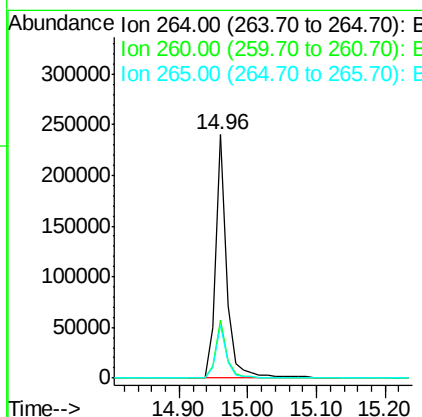
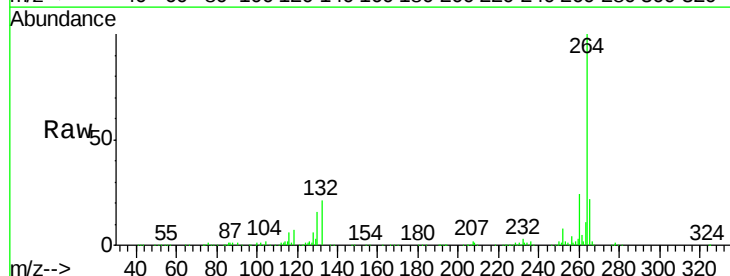
Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.9	38.9
277	25.2	19.9	29.9

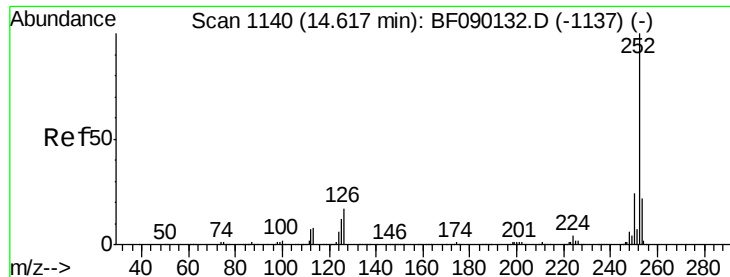


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF090135.D
 Acq: 20 Sep 2016 13:32

Tgt Ion:264 Resp: 278080

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.6	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 153.67 ng

RT: 14.65 min Scan# 1143

Delta R.T. 0.03 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

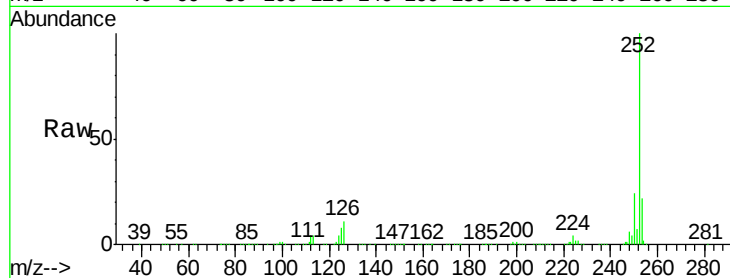
Tot Ion:252 Resp: 2366224

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

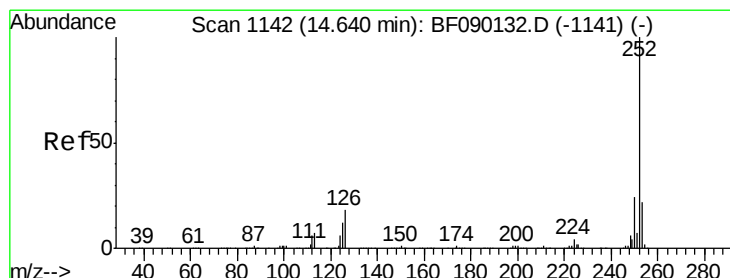
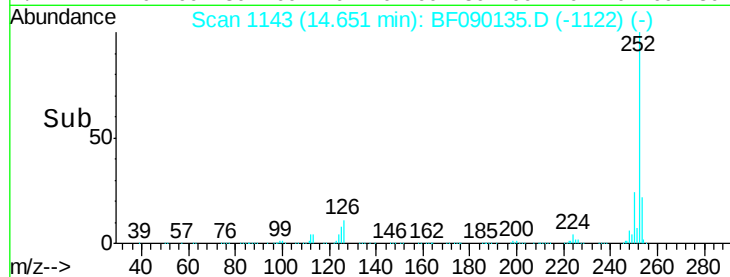
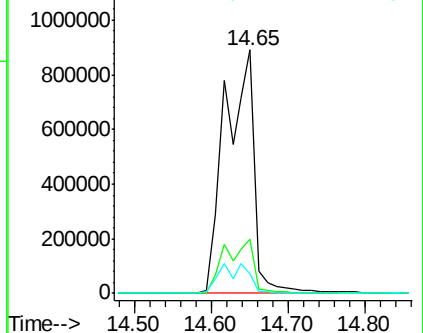
125 7.8 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 164.19 ng

RT: 14.65 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

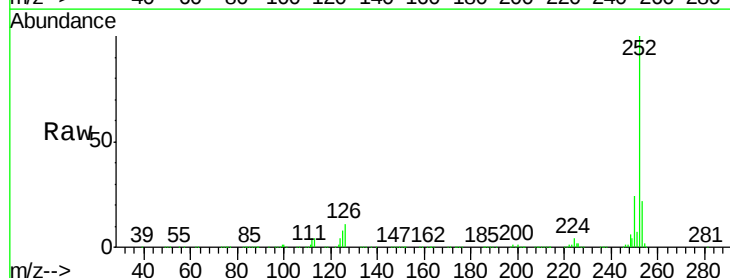
Tgt Ion:252 Resp: 2372720

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

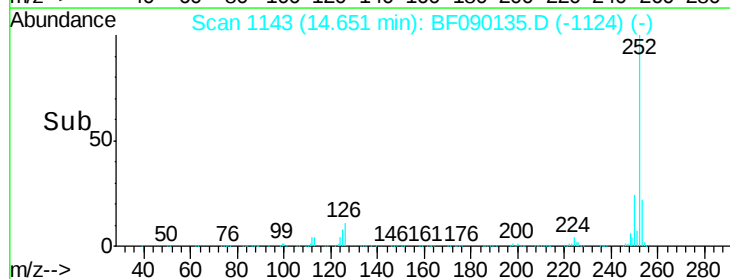
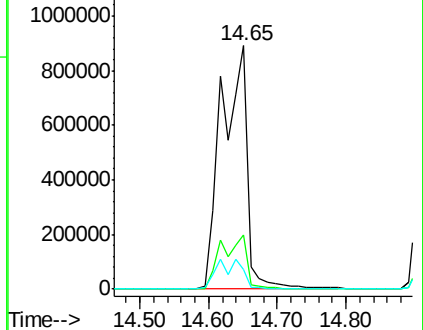
125 7.8 7.8 11.6

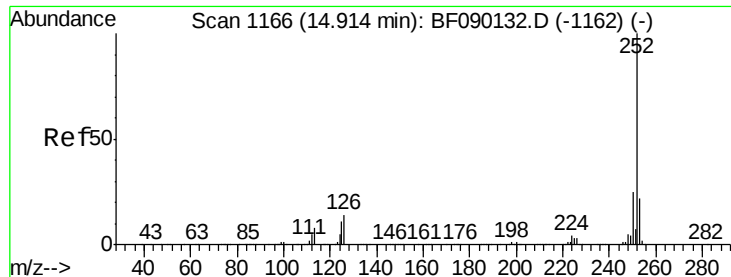


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 72.31 ng

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

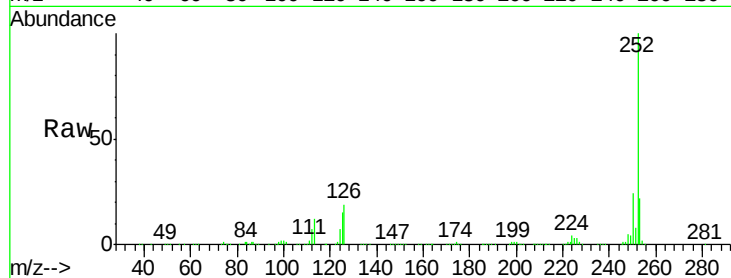
Tot Ion:252 Resp: 1047449

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

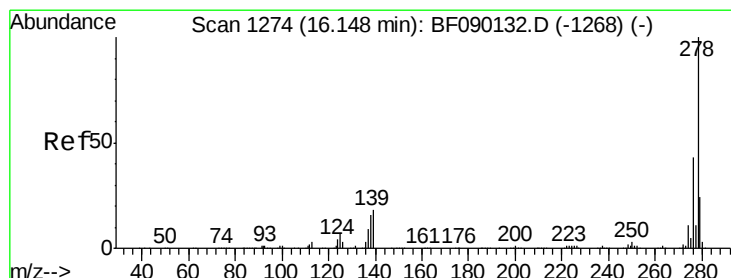
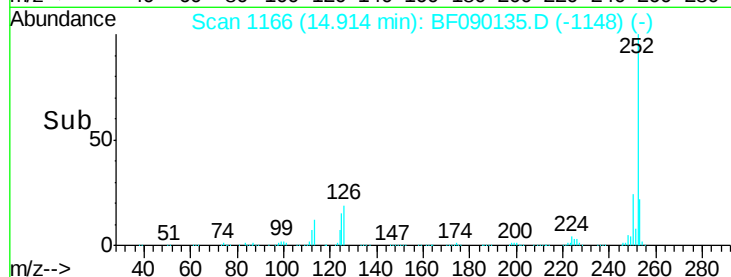
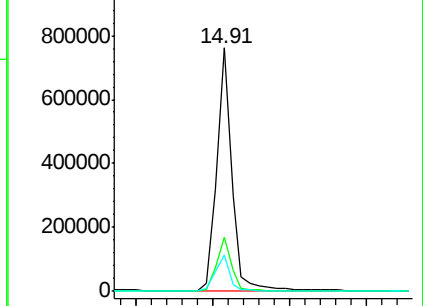
125 14.7 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 83.34 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

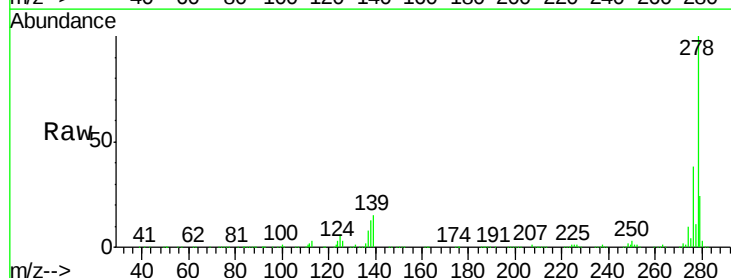
Tgt Ion:278 Resp: 942034

Ion Ratio Lower Upper

278 100

139 15.2 14.6 21.8

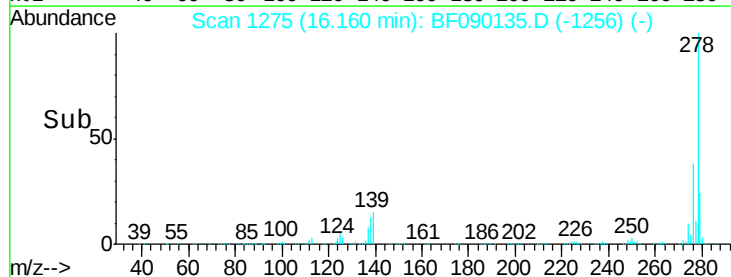
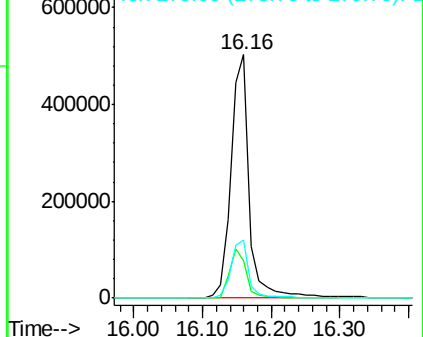
279 23.6 18.8 28.2

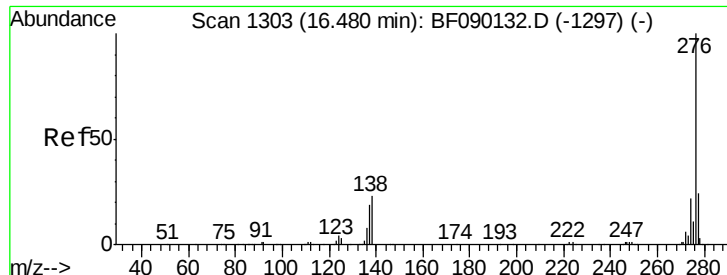


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 88.56 ng

RT: 16.49 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF090135.D

Acq: 20 Sep 2016 13:32

Instrument :

BNA_F

ClientSampleId :

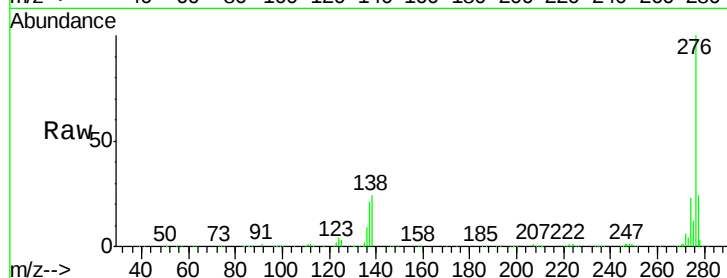
Tot Ion: 276 Resp: 979799

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 24.2 23.3 34.9



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

