

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092016\
 Data File : BF090133.D
 Acq On : 20 Sep 2016 12:35
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 13:33:48 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 13:15:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	167528	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	660635	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	341164	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	564833	20.00	ng	0.00
75) Chrysene-d12	13.63	240	363748	20.00	ng	0.00
86) Perylene-d12	14.96	264	324546	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	981060	94.18	ng	0.01
7) Phenol-d6	6.18	99	1144780	83.95	ng	0.01
23) Nitrobenzene-d5	7.10	82	999758	85.09	ng	0.00
41) 2,4,6-Tribromophenol	10.34	330	263842	76.99	ng	0.00
44) 2-Fluorobiphenyl	8.89	172	1560078	71.82	ng	0.00
78) Terphenyl-d14	12.61	244	1253048	81.81	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.92	88	247014	45.42	ng	96
3) Pyridine	2.52	79	595531	48.02	ng	99
4) n-Nitrosodimethylamine	2.48	42	176943	45.95	ng	92
6) Aniline	6.18	93	697842	41.23	ng	# 79
8) 2-Chlorophenol	6.31	128	546727	45.56	ng	86
9) Benzaldehyde	6.06	77	249091	34.27	ng	99
10) Phenol	6.19	94	726400	47.46	ng	# 72
11) bis(2-Chloroethyl)ether	6.27	93	560457	45.66	ng	92
12) 1,3-Dichlorobenzene	6.46	146	527038	42.69	ng	98
13) 1,4-Dichlorobenzene	6.54	146	539137	42.30	ng	98
14) 1,2-Dichlorobenzene	6.70	146	500169	43.19	ng	95
15) Benzyl Alcohol	6.68	79	353606	46.04	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.82	45	606596	41.70	ng	97
17) 2-Methylphenol	6.81	107	443011	45.13	ng	97
18) Hexachloroethane	7.04	117	202846	43.86	ng	# 83
19) n-Nitroso-di-n-propylamine	6.96	70	331390	39.10	ng	98
20) 3+4-Methylphenols	6.97	107	543322	45.59	ng	96
22) Acetophenone	6.95	105	717998	44.90	ng	# 97
24) Nitrobenzene	7.12	77	602257	48.66	ng	90
25) Isophorone	7.36	82	1031598	41.93	ng	96
26) 2-Nitrophenol	7.43	139	271353	45.22	ng	91
27) 2,4-Dimethylphenol	7.50	122	492338	46.63	ng	96
28) bis(2-Chloroethoxy)methane	7.59	93	690856	47.87	ng	99
29) 2,4-Dichlorophenol	7.68	162	419009	44.92	ng	91
30) 1,2,4-Trichlorobenzene	7.76	180	416012	45.21	ng	99
31) Naphthalene	7.84	128	1455223	44.81	ng	99
32) Benzoic acid	7.66	122	373258	49.20	ng	98
33) 4-Chloroaniline	7.90	127	632982	45.80	ng	# 93
34) Hexachlorobutadiene	7.96	225	219168	46.52	ng	99
35) Caprolactam	8.28	113	143636	46.11	ng	96
36) 4-Chloro-3-methylphenol	8.39	107	440376	40.67	ng	99
37) 2-Methylnaphthalene	8.52	142	876846	43.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	365676	41.68	ng	97
40) Hexachlorocyclopentadiene	8.68	237	201386	44.17	ng	99

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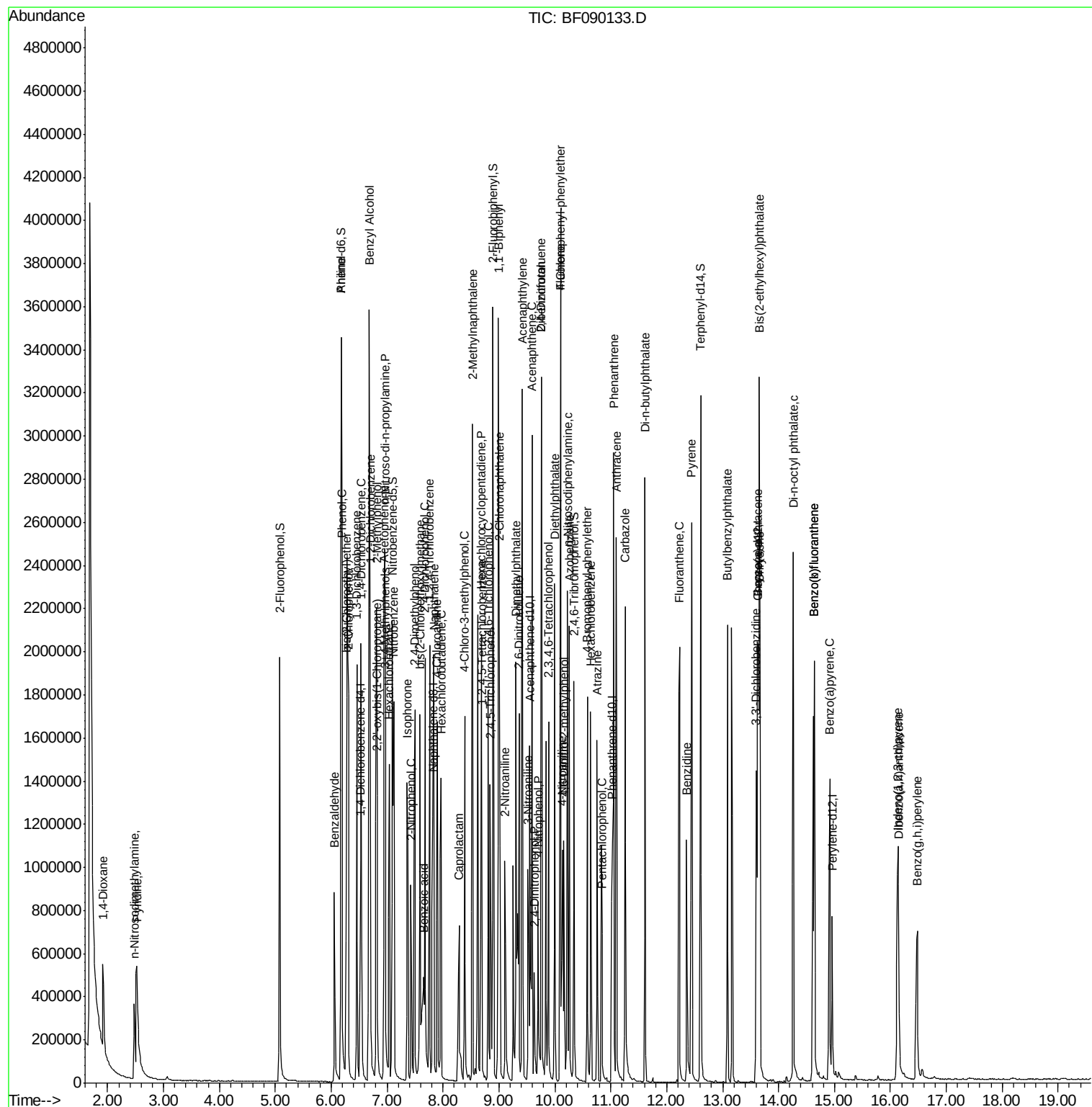
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	276774	43.53	nq	99
43) 2,4,5-Trichlorophenol	8.84	196	271531	39.70	nq	# 84
45) 1,1'-Biphenyl	8.99	154	1152285	41.28	nq	96
46) 2-Chloronaphthalene	9.00	162	808309	39.08	nq	97
47) 2-Nitroaniline	9.11	65	249974	37.85	nq	# 82
48) Acenaphthylene	9.42	152	1204307	34.67	nq	99
49) Dimethylphthalate	9.30	163	937686	37.00	nq	98
50) 2,6-Dinitrotoluene	9.36	165	227946	40.25	nq	# 85
51) Acenaphthene	9.59	154	741360	38.21	nq	98
52) 3-Nitroaniline	9.52	138	271535	39.41	nq	87
53) 2,4-Dinitrophenol	9.63	184	126486	41.09	nq	# 87
54) Dibenzofuran	9.76	168	959642	35.76	nq	94
55) 4-Nitrophenol	9.70	139	203086	41.89	nq	98
56) 2,4-Dinitrotoluene	9.76	165	283168	41.02	nq	87
57) Fluorene	10.10	166	800368	38.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	206228	39.53	nq	99
59) Diethylphthalate	10.00	149	936892	38.19	nq	99
60) 4-Chlorophenyl-phenylether	10.10	204	325074	36.63	nq	92
61) 4-Nitroaniline	10.14	138	273107	39.16	nq	89
62) Azobenzene	10.26	77	1058127	41.10	nq	91
64) 4,6-Dinitro-2-methylphenol	10.16	198	156092	45.16	nq	# 55
65) n-Nitrosodiphenylamine	10.23	169	844407	47.18	nq	100
66) 4-Bromophenyl-phenylether	10.58	248	229892	42.22	nq	# 82
67) Hexachlorobenzene	10.64	284	264059	41.16	nq	# 83
68) Atrazine	10.75	200	205540	38.65	nq	96
69) Pentachlorophenol	10.84	266	172232	45.82	nq	99
70) Phenanthrene	11.05	178	1205541	44.17	nq	99
71) Anthracene	11.10	178	1173420	39.37	nq	99
72) Carbazole	11.26	167	1261400	41.26	nq	98
73) Di-n-butylphthalate	11.61	149	1490727	43.48	nq	99
74) Fluoranthene	12.23	202	1260563	44.08	nq	92
76) Benzidine	12.35	184	592557	39.94	nq	100
77) Pyrene	12.45	202	1091616	41.12	nq	100
79) Butylbenzylphthalate	13.09	149	554337	41.93	nq	# 80
80) Benzo(a)anthracene	13.62	228	941358	44.33	nq	100
81) 3,3'-Dichlorobenzidine	13.60	252	372444	41.85	nq	# 96
82) Chrysene	13.67	228	929271	46.66	nq	100
83) Bis(2-ethylhexyl)phthalate	13.66	149	749890	45.86	nq	# 99
84) Di-n-octyl phthalate	14.26	149	1325815	45.36	nq	98
85) Indeno(1,2,3-cd)pyrene	16.13	276	709277	40.99	nq	98
87) Benzo(b)fluoranthene	14.64	252	1623394	85.32	nq	98
88) Benzo(k)fluoranthene	14.64	252	1625874	94.92	nq	# 96
89) Benzo(a)pyrene	14.91	252	779977	45.71	nq	99
90) Dibenzo(a,h)anthracene	16.15	278	598422	44.79	nq	98
91) Benzo(g,h,i)perylene	16.48	276	580745	45.54	nq	94

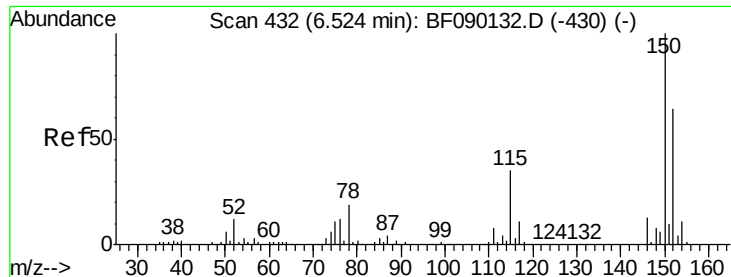
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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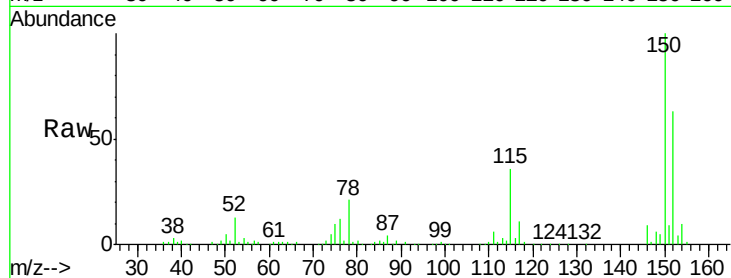


#1

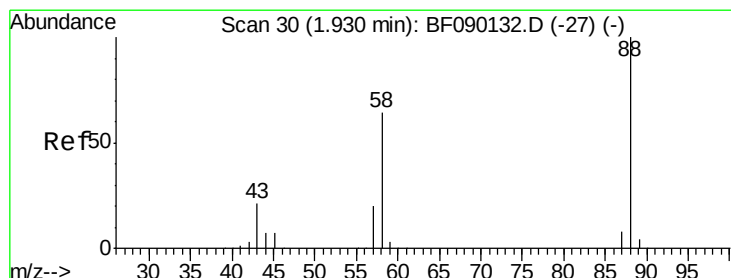
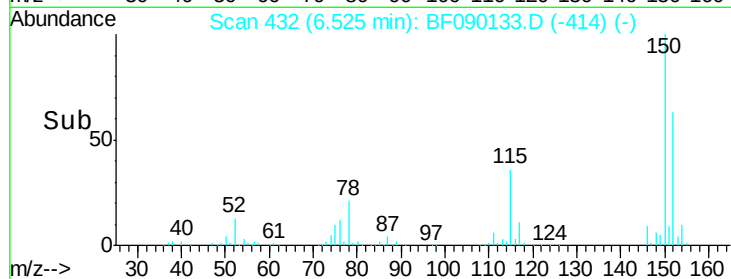
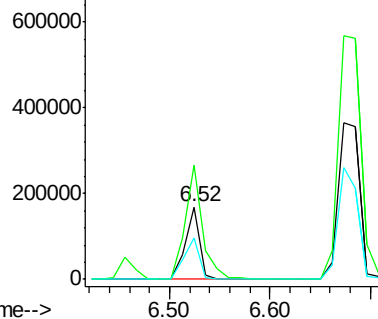
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	128.9	193.3
115	56.6	55.5	83.3



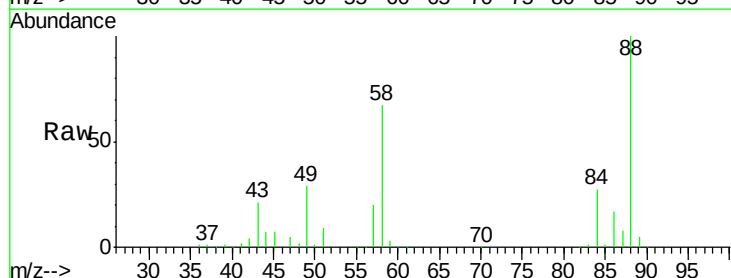
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



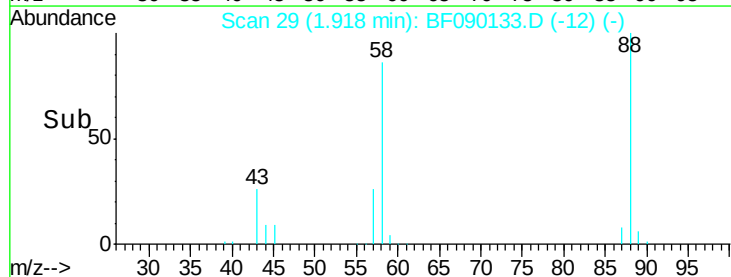
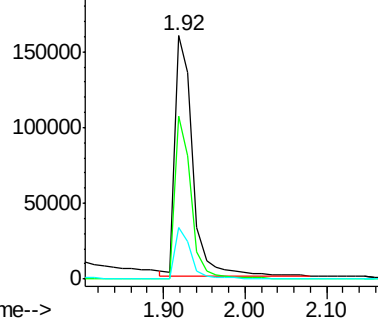
#2

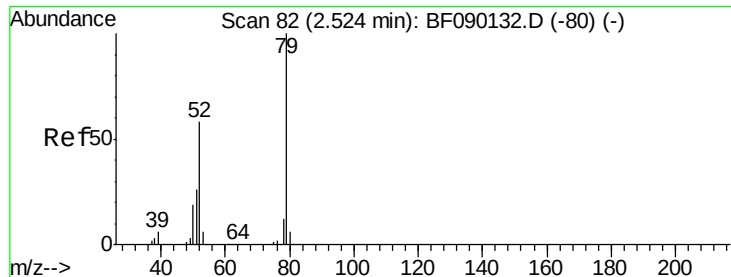
1,4-Dioxane
Concen: 45.42 ng
RT: 1.92 min Scan# 29
Delta R.T. -0.01 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.6	53.4	80.0
43	20.0	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: 48.02 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

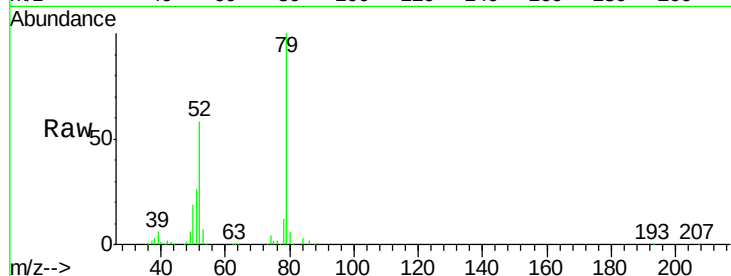
Tot Ion: 79 Resp: 595531

Ion Ratio Lower Upper

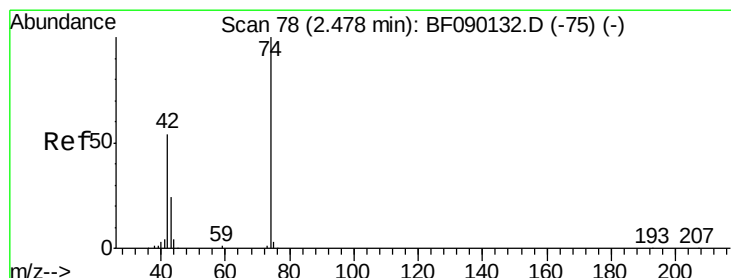
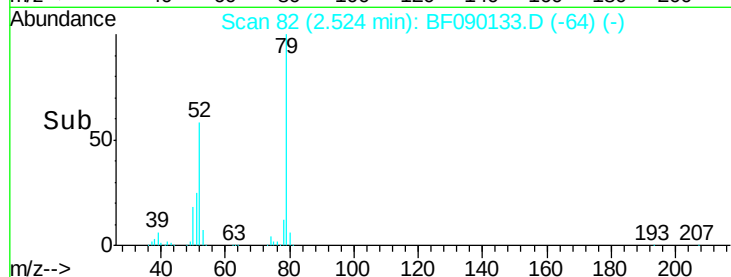
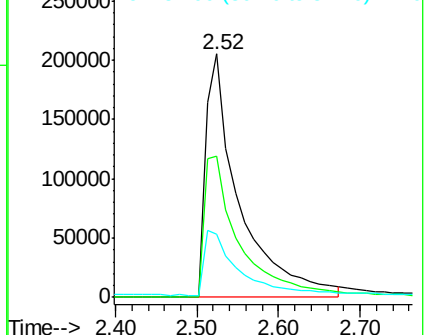
79 100

52 58.0 45.9 68.9

51 26.0 21.3 31.9



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.95 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

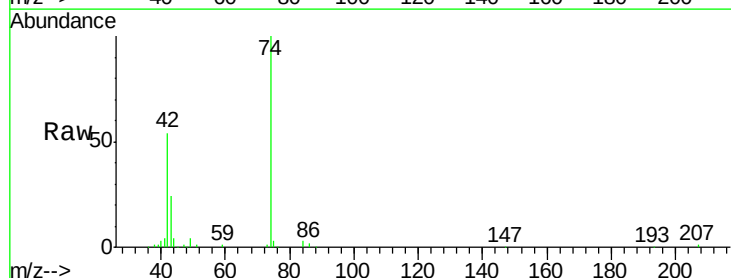
Tgt Ion: 42 Resp: 176943

Ion Ratio Lower Upper

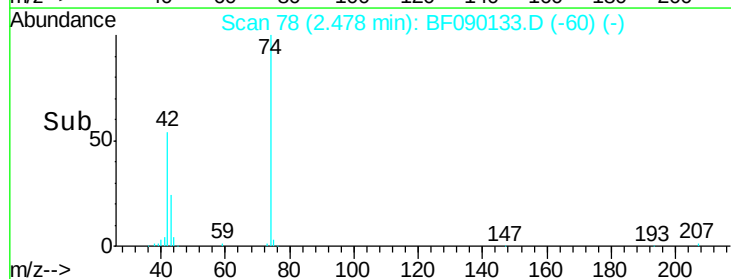
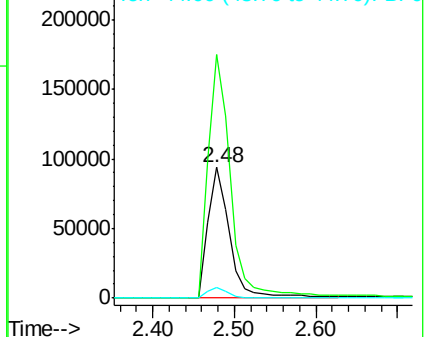
42 100

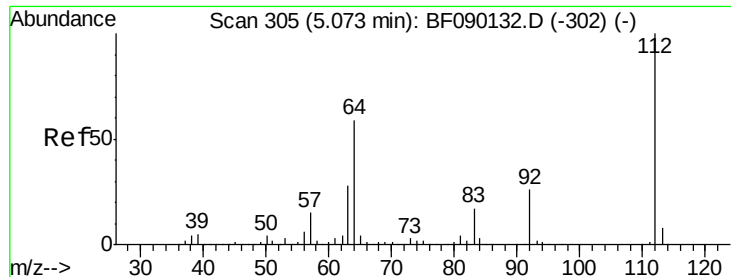
74 186.5 158.7 238.1

44 7.7 6.4 9.6



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 94.18 ng

RT: 5.08 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF090133.D

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Instrument :

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ClientSampleId :

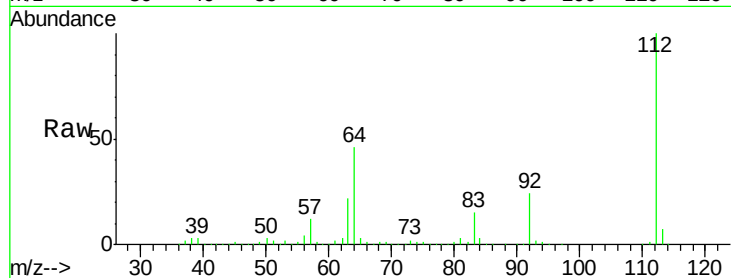
Tot Ion:112 Resp: 981060

Ion Ratio Lower Upper

112 100

64 45.8 39.8 59.6

63 21.9 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

800000

600000

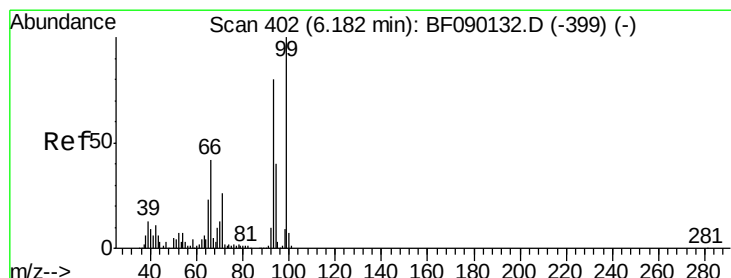
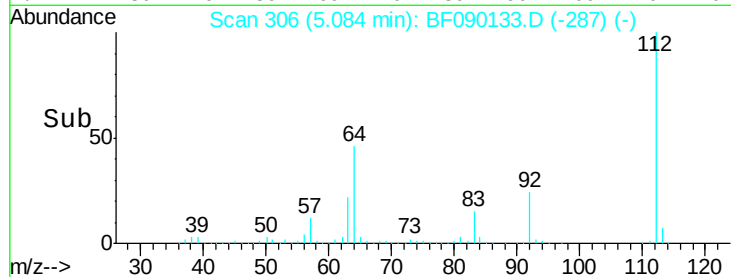
400000

200000

0

5.00 5.10 5.20

Time-->



#6

Aniline

Concen: 41.23 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

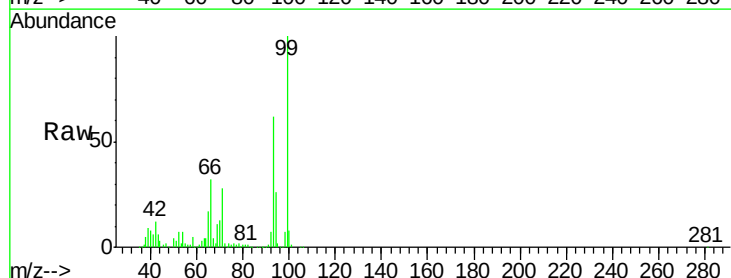
Tgt Ion: 93 Resp: 697842

Ion Ratio Lower Upper

93 100

66 52.6 54.2 81.2#

65 27.0 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

600000

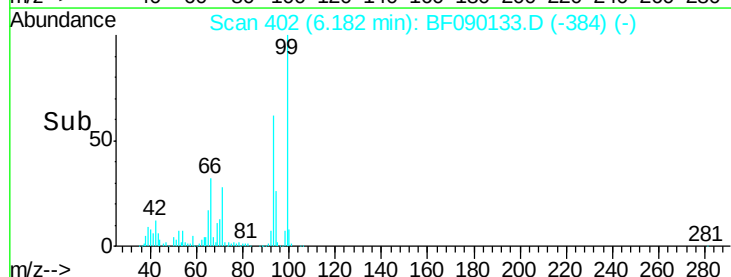
400000

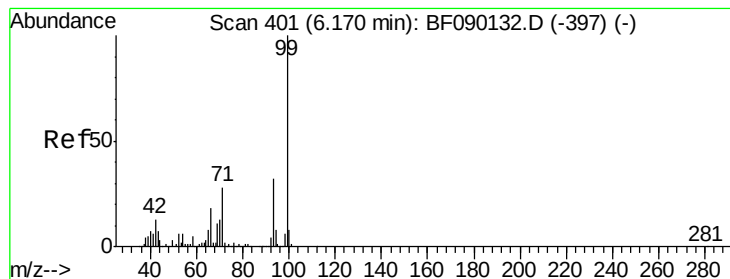
200000

0

6.10 6.15 6.20 6.25

Time-->





#7

Phenol-d6

Concen: 83.95 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

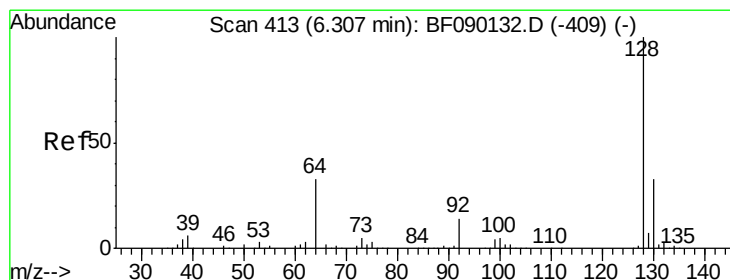
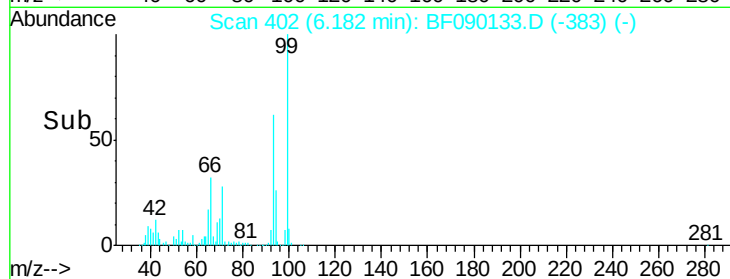
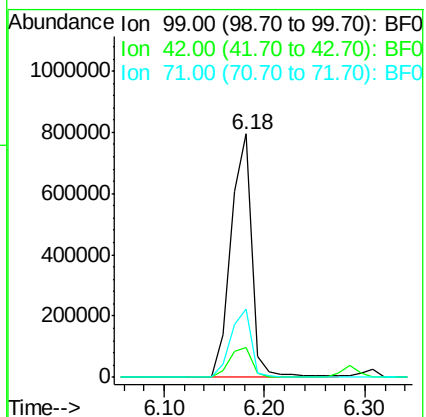
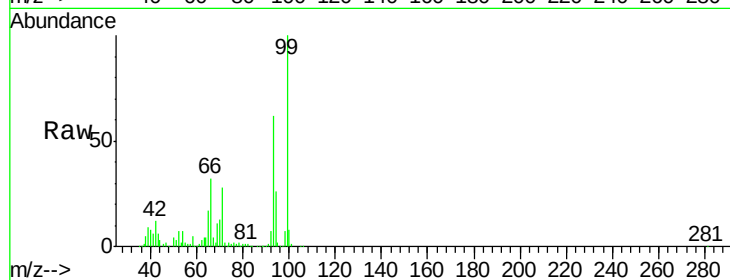
Tot Ion: 99 Resp: 1144780

Ion Ratio Lower Upper

99 100

42 12.4 10.6 15.8

71 27.9 23.0 34.6



#8

2-Chlorophenol

Concen: 45.56 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF090133.D

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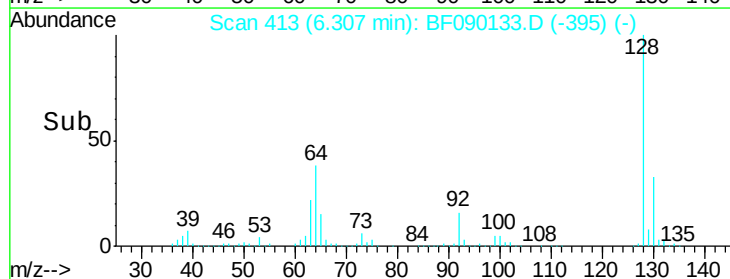
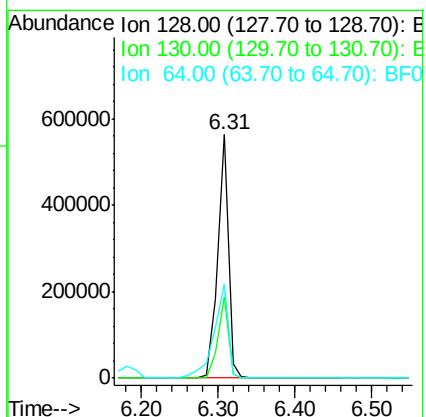
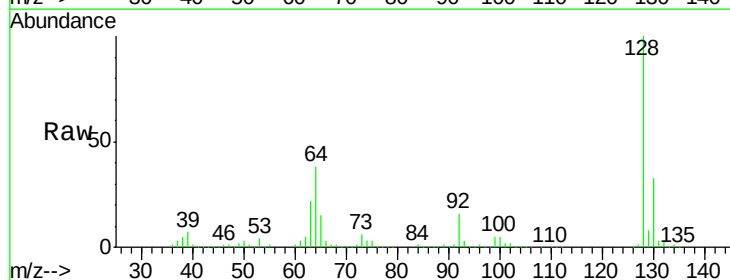
Tgt Ion: 128 Resp: 546727

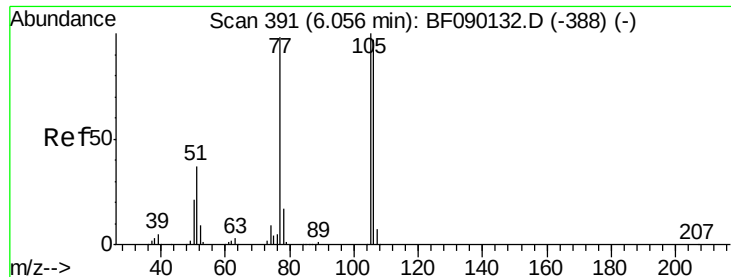
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 38.4 33.6 73.6





#9

Benzaldehyde

Concen: 34.27 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

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ClientSampleId :

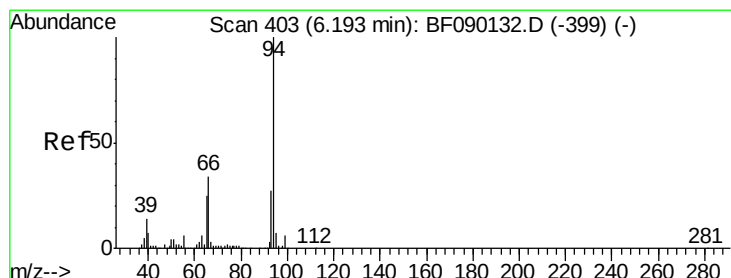
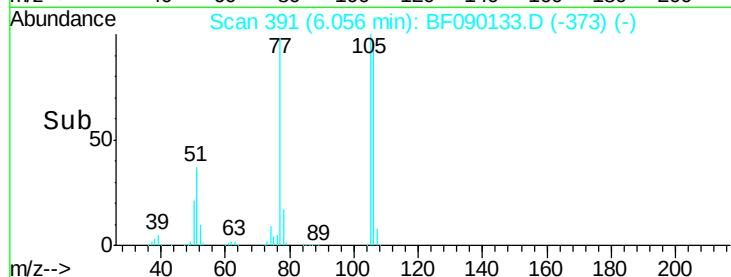
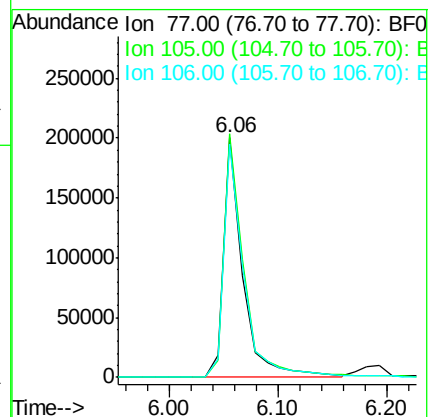
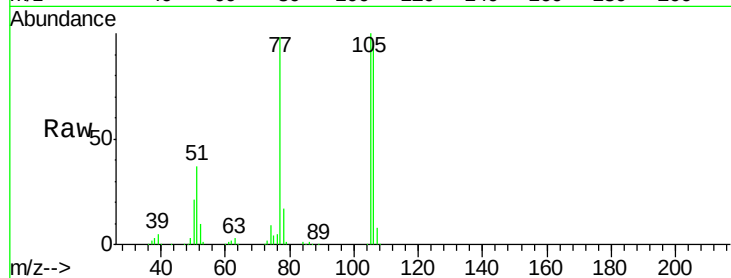
Tot Ion: 77 Resp: 249091

Ion Ratio Lower Upper

77 100

105 101.8 83.0 123.0

106 97.8 78.5 118.5



#10

Phenol

Concen: 47.46 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.00 min

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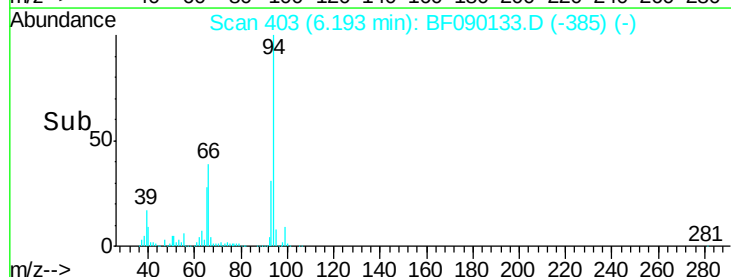
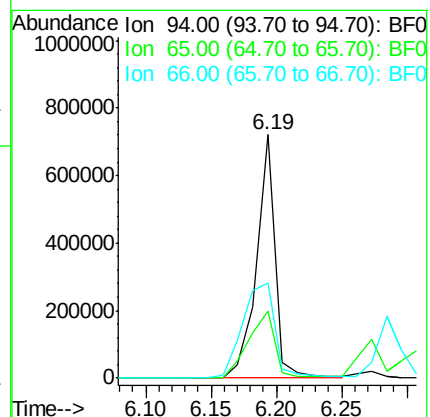
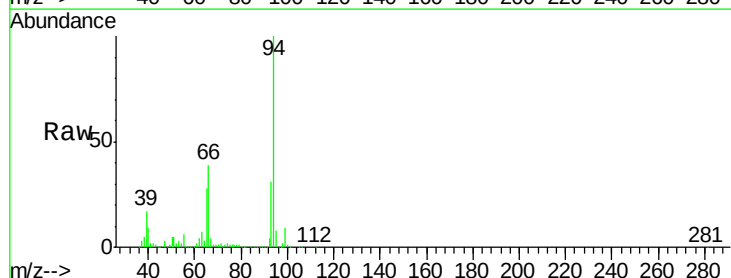
Tgt Ion: 94 Resp: 726400

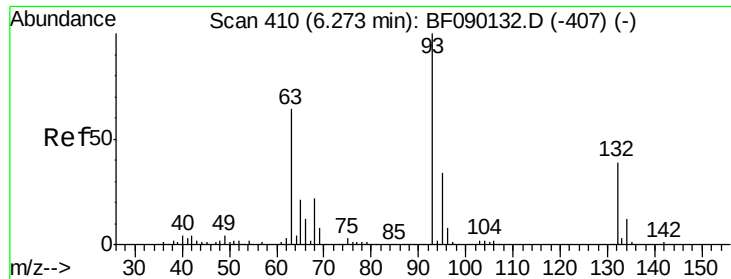
Ion Ratio Lower Upper

94 100

65 27.7 20.6 60.6

66 39.0 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 45.66 ng

RT: 6.27 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

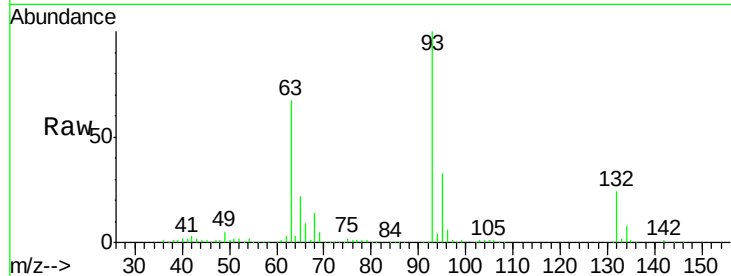
Tot Ion: 93 Resp: 560457

Ion Ratio Lower Upper

93 100

63 66.7 55.6 95.6

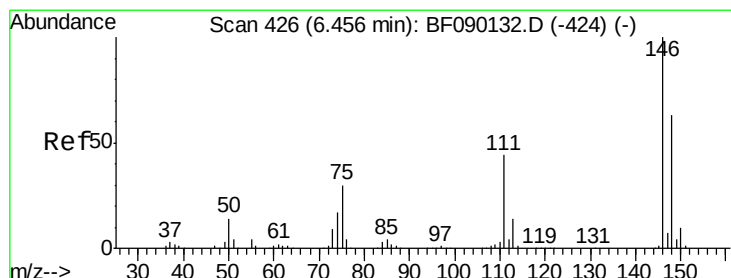
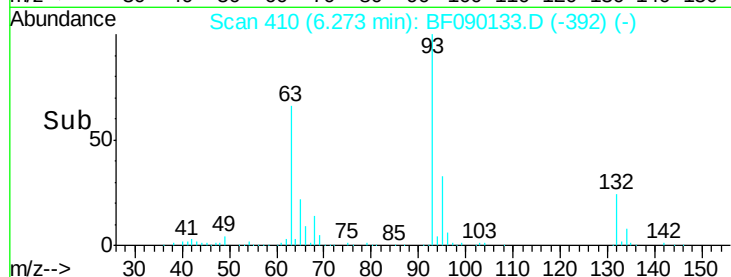
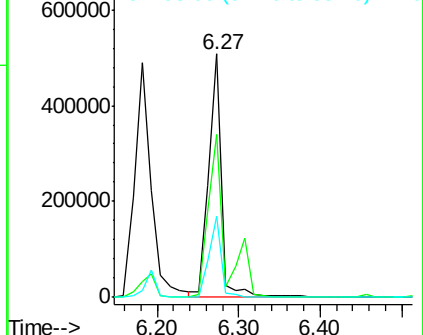
95 33.5 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.69 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

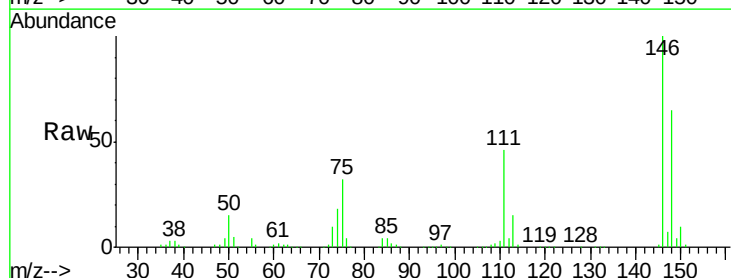
Tgt Ion: 146 Resp: 527038

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

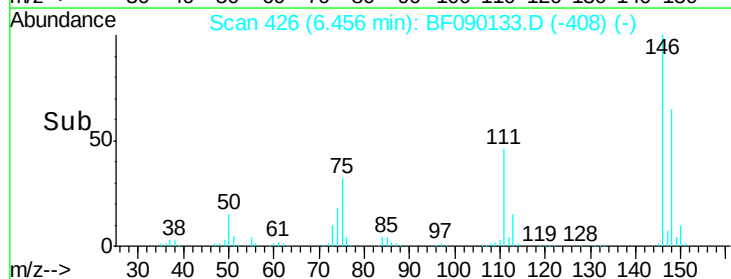
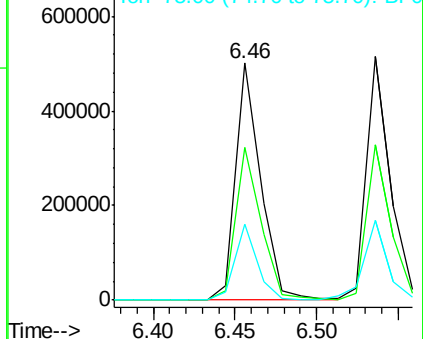
75 32.1 22.8 34.2

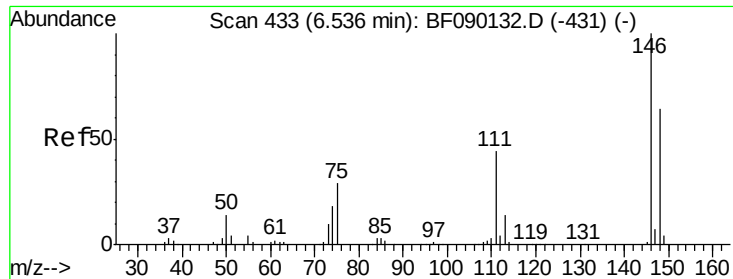


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

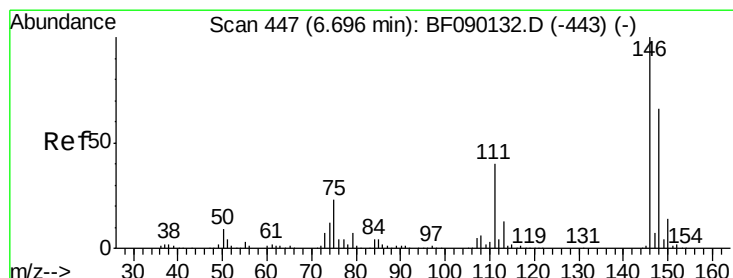
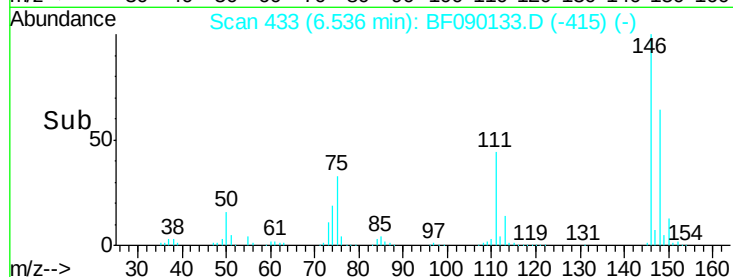
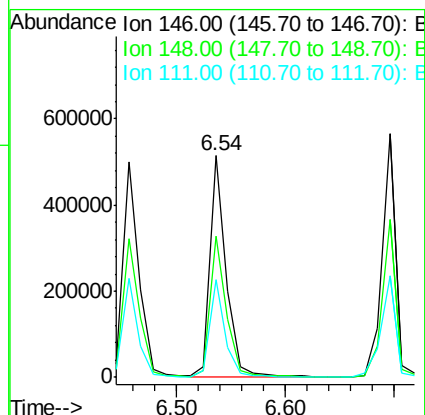
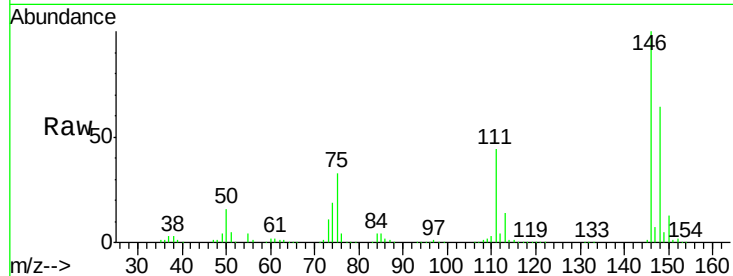




#13
 1,4-Dichlorobenzene
 Concen: 42.30 ng
 RT: 6.54 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

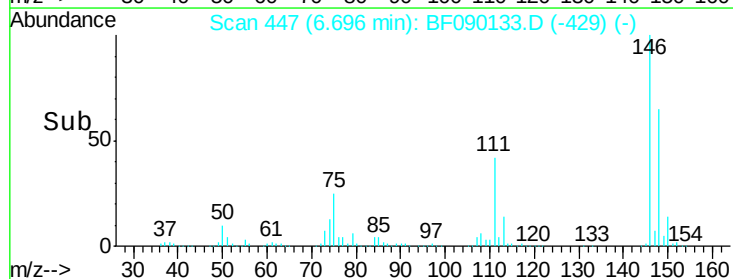
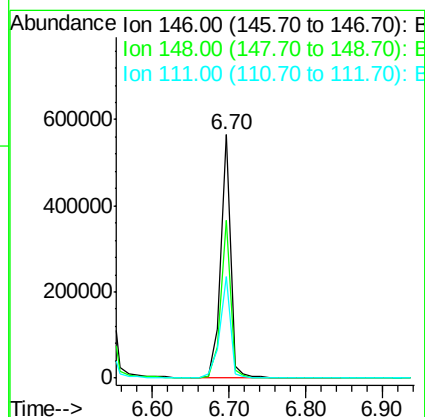
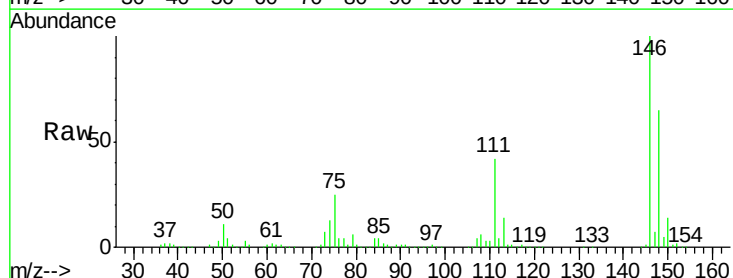
Instrument :
 BNA_F
 ClientSampleId :

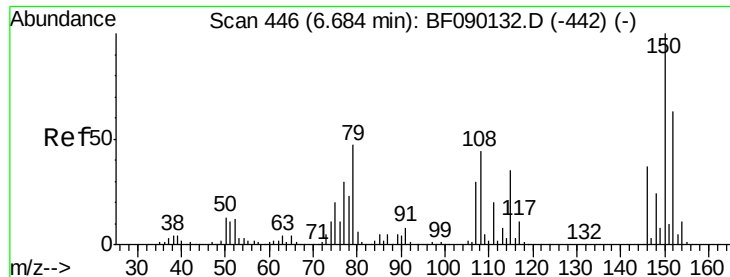
Tot Ion:146 Resp: 539137
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.0 78.0
 111 44.0 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 43.19 ng
 RT: 6.70 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:146 Resp: 500169
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.6 79.0
 111 41.8 28.2 42.2

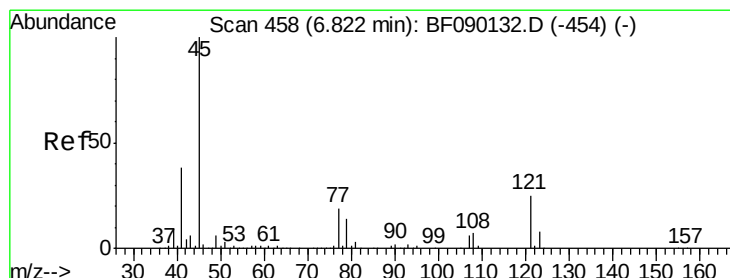
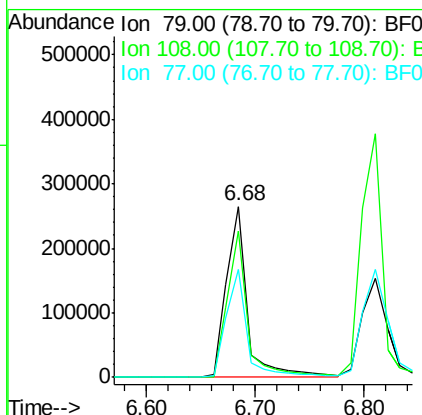
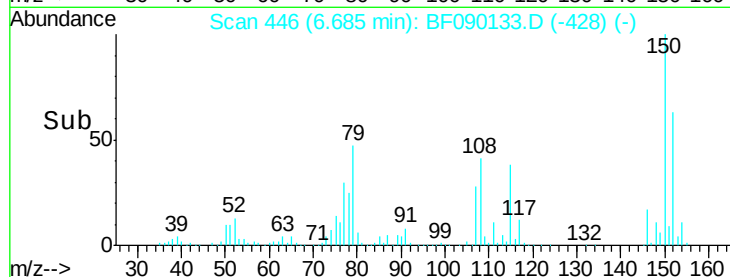
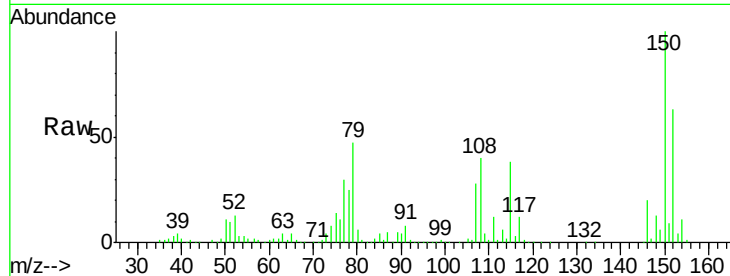




#15
Benzyl Alcohol
Concen: 46.04 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

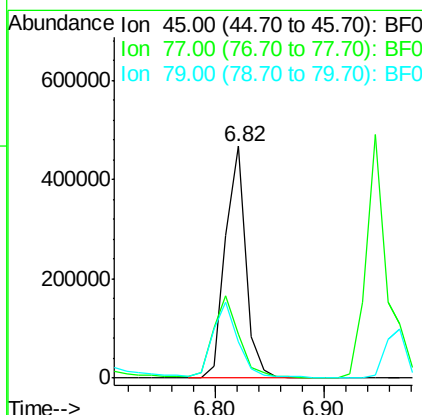
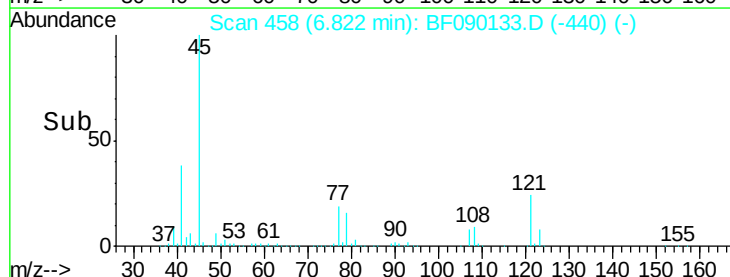
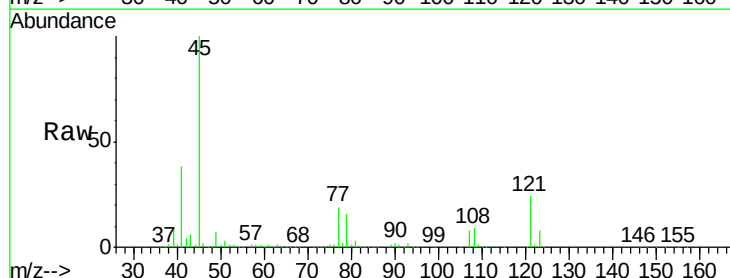
Instrument :
BNA_F
ClientSampled :

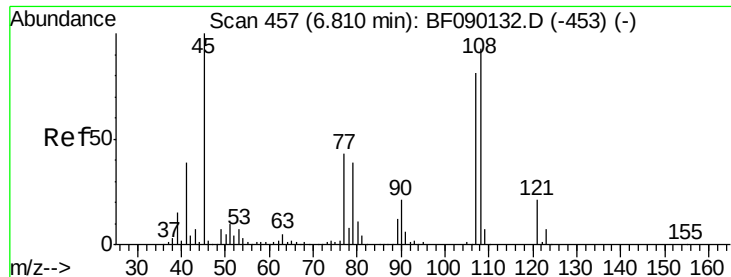
Tot Ion: 79 Resp: 353606
Ion Ratio Lower Upper
79 100
108 86.0 62.2 93.4
77 63.2 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.70 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Tgt Ion: 45 Resp: 606596
Ion Ratio Lower Upper
45 100
77 18.9 0.5 40.5
79 15.8 0.0 37.0





#17

2-Methylphenol

Concen: 45.13 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 443011

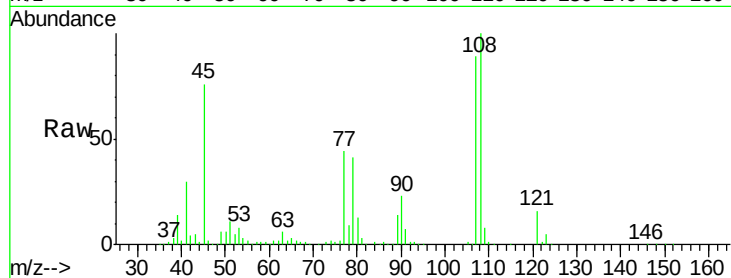
Ion Ratio Lower Upper

107 100

108 112.9 92.0 138.0

77 49.8 35.6 53.4

79 45.7 35.2 52.8

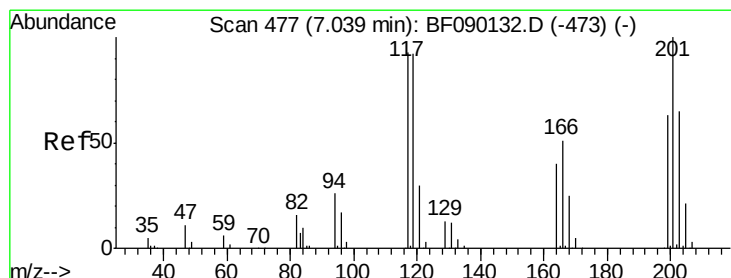
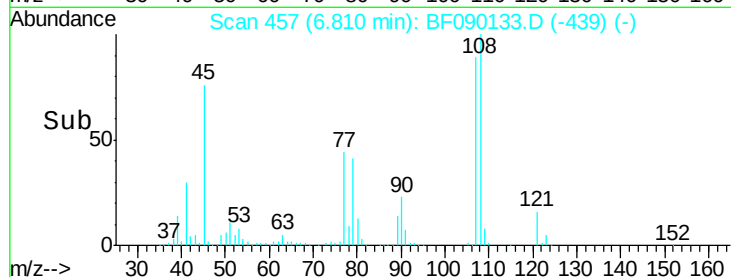
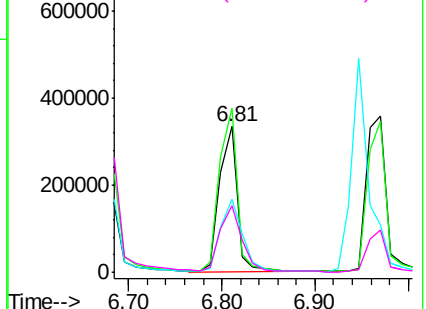


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.86 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

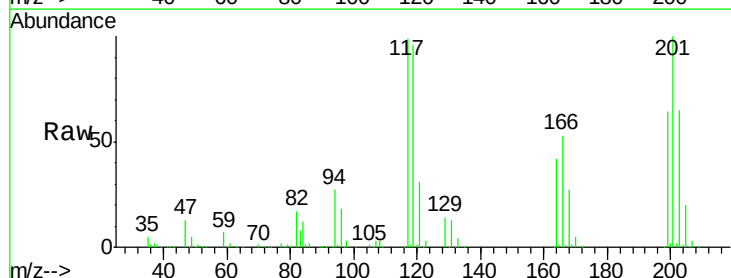
Tgt Ion:117 Resp: 202846

Ion Ratio Lower Upper

117 100

119 97.1 76.6 115.0

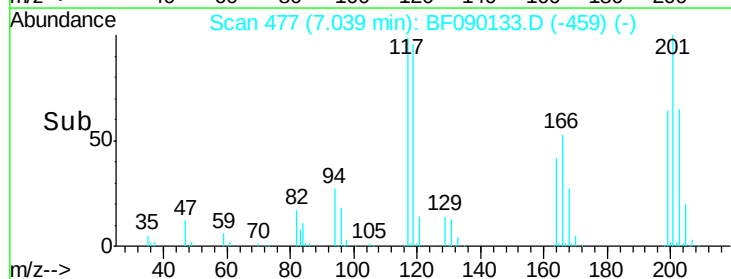
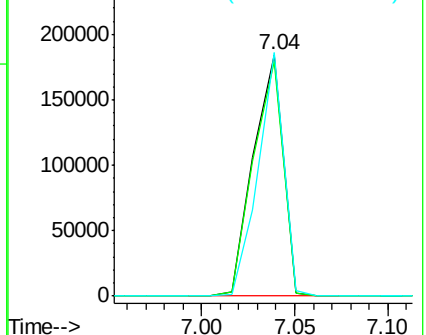
201 100.7 55.5 83.3#

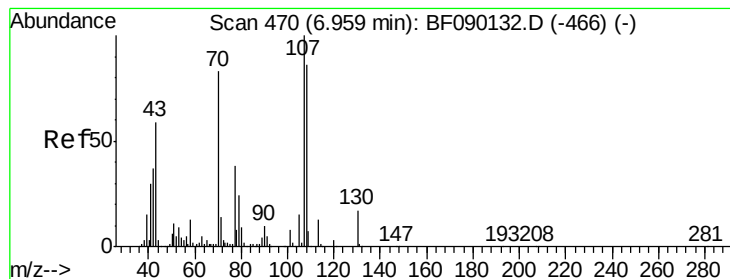


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.10 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 331390

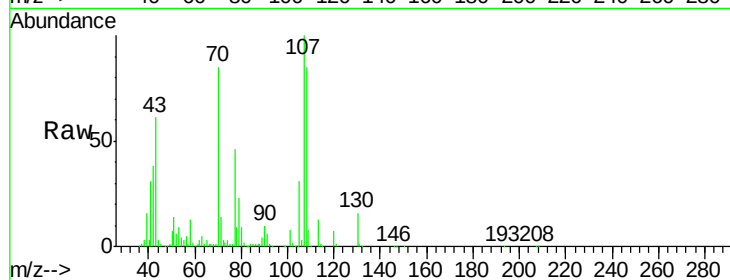
Ion Ratio Lower Upper

70 100

42 45.0 35.1 52.7

101 9.1 7.5 11.3

130 18.9 16.6 25.0

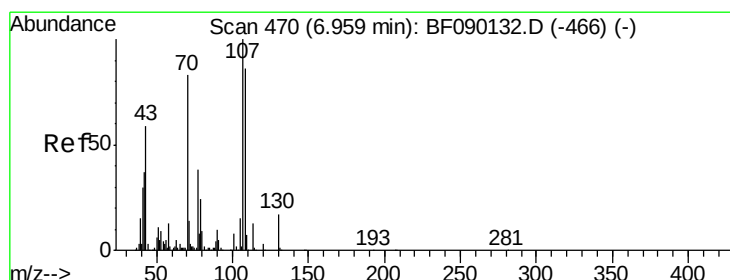
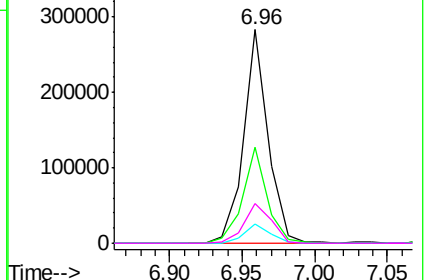
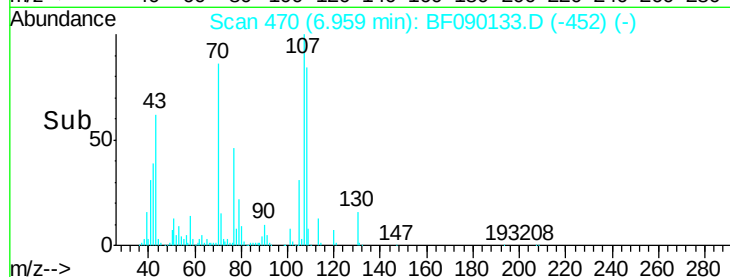


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 45.59 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Tgt Ion: 107 Resp: 543322

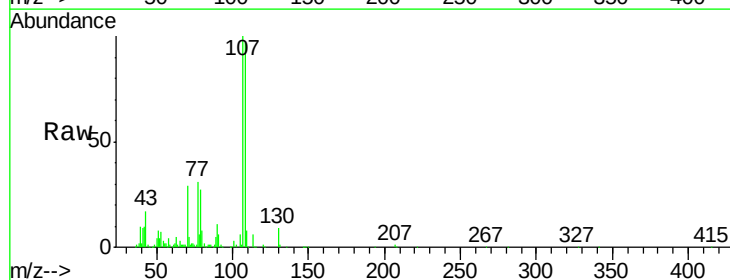
Ion Ratio Lower Upper

107 100

108 96.8 73.3 113.3

77 30.6 14.1 54.1

79 27.4 7.5 47.5

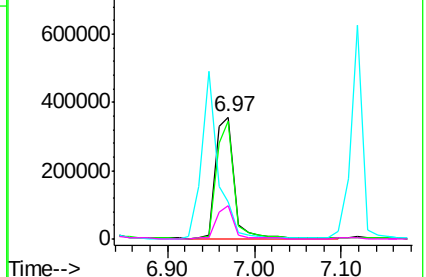
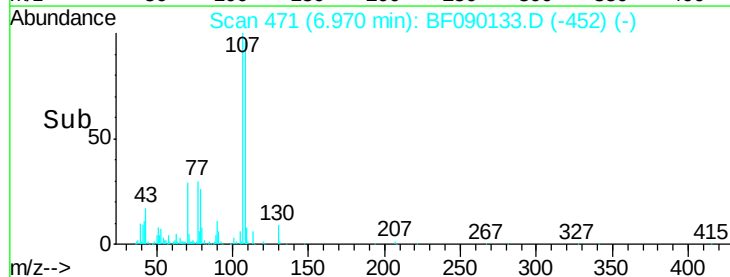


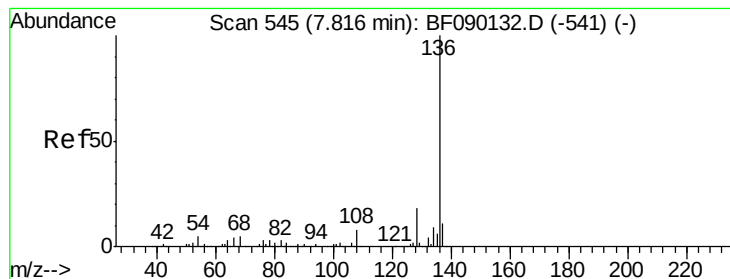
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 660635

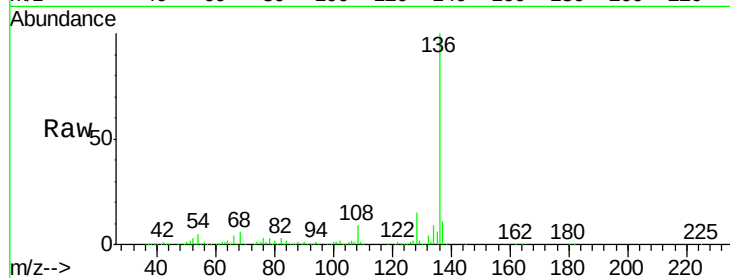
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.3 6.4 9.6#

68 5.5 6.3 9.5#

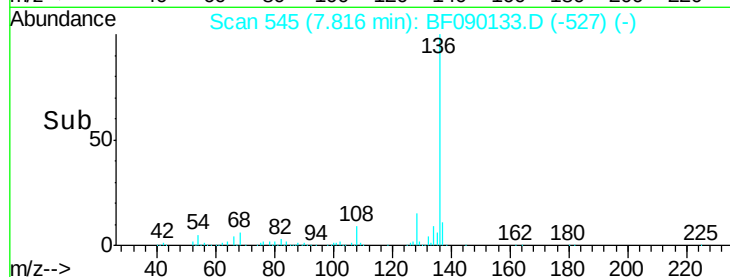


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

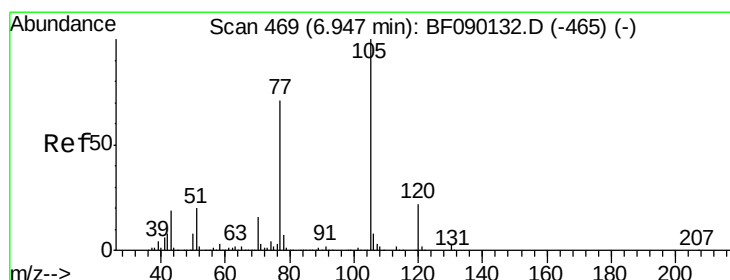
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.82



#22

Acetophenone

Concen: 44.90 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Tgt Ion:105 Resp: 717998

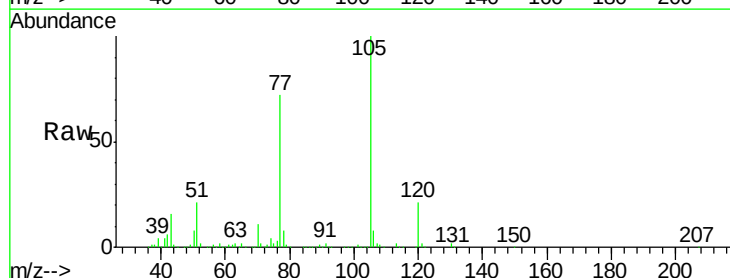
Ion Ratio Lower Upper

105 100

71 1.8 4.1 6.1#

51 20.6 16.2 24.2

120 21.4 18.2 27.2

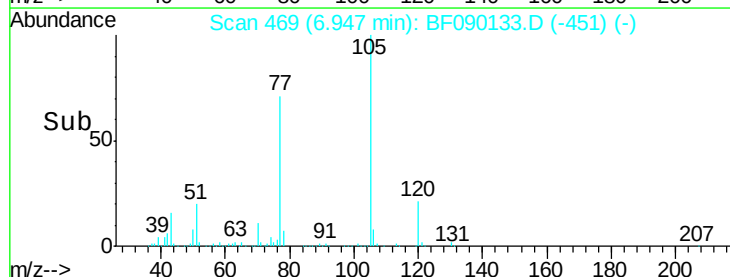


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

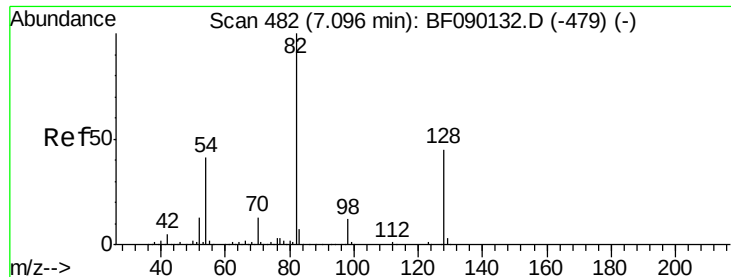
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

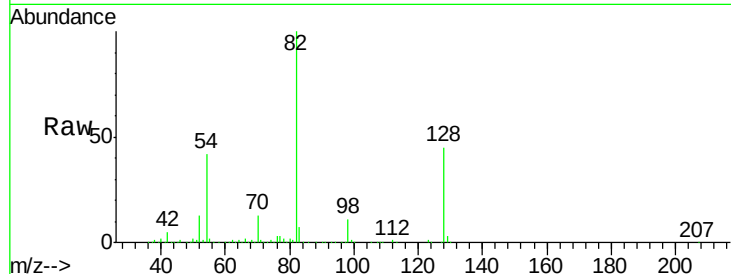
6.95



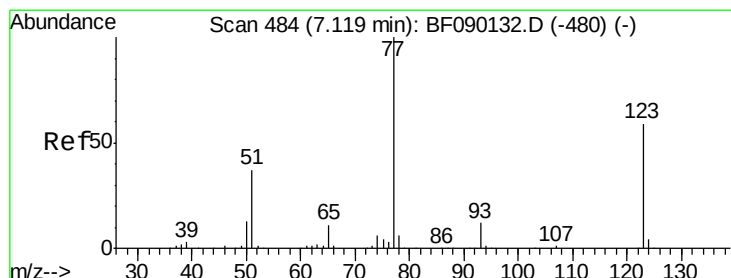
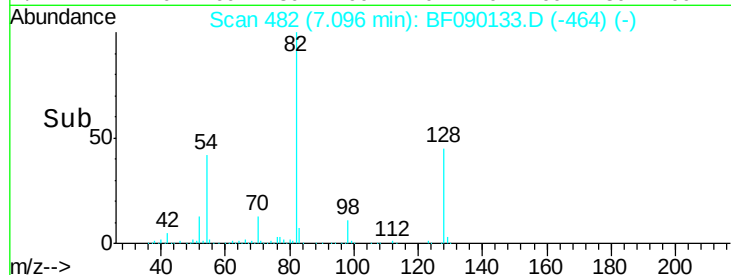
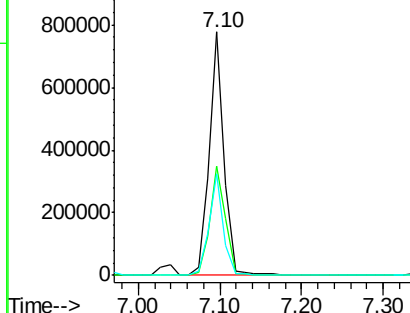
#23
 Nitrobenzene-d5
 Concen: 85.09 ng
 RT: 7.10 min Scan# 482
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	999758
Ion Ratio	Lower	Upper	
82	100		
128	44.8	37.5	56.3
54	41.8	31.9	47.9

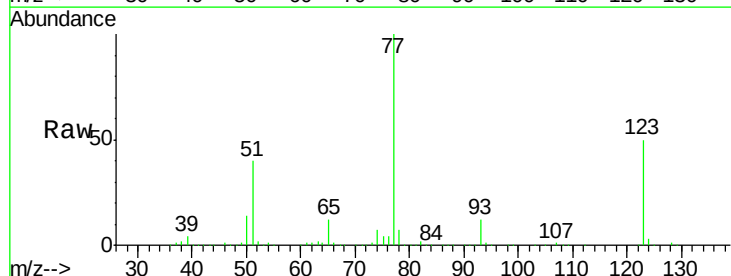


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

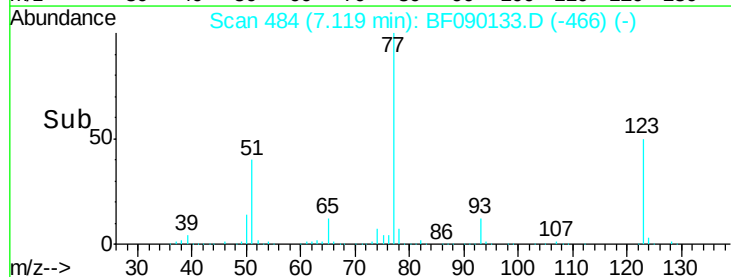
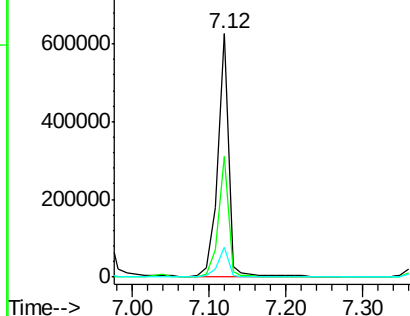


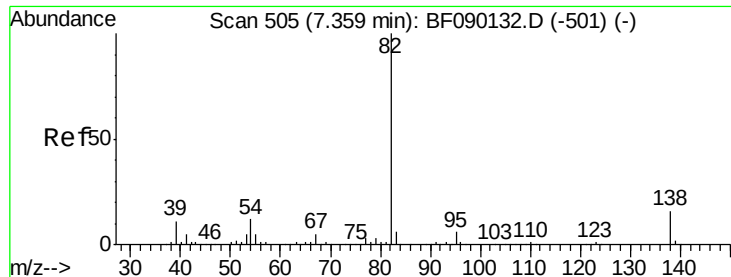
#24
 Nitrobenzene
 Concen: 48.66 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion	77	Resp	602257
Ion Ratio	Lower	Upper	
77	100		
123	49.8	33.4	50.2
65	12.1	10.1	15.1



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





#25

Isophorone

Concen: 41.93 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

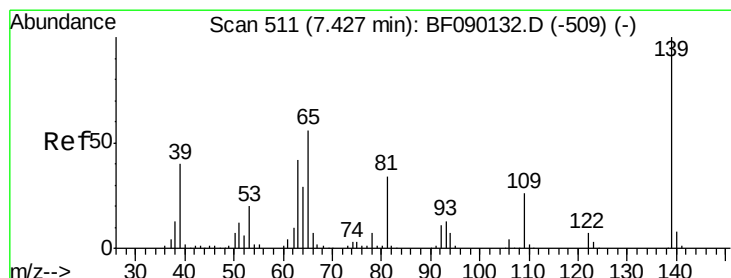
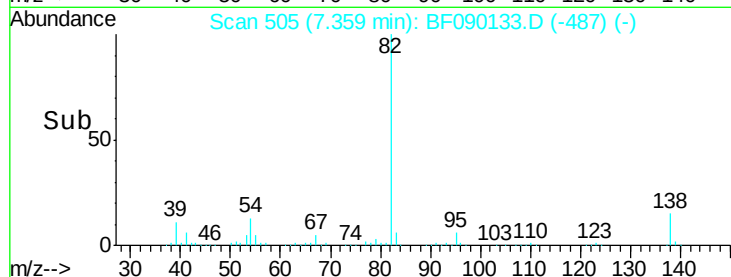
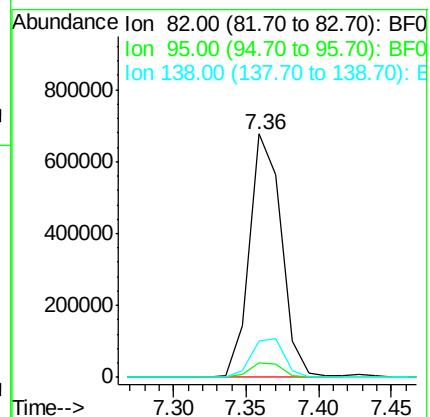
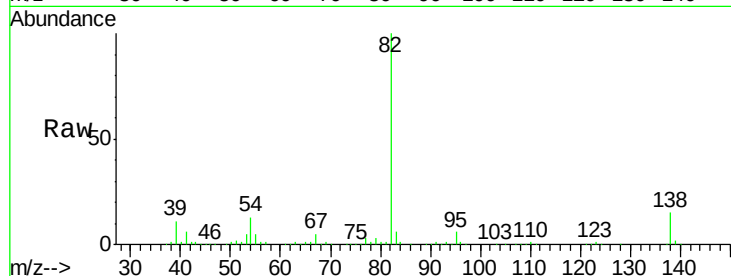
Tot Ion: 82 Resp: 1031598

Ion Ratio Lower Upper

82 100

95 6.1 5.1 7.7

138 14.9 13.5 20.3



#26

2-Nitrophenol

Concen: 45.22 ng

RT: 7.43 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

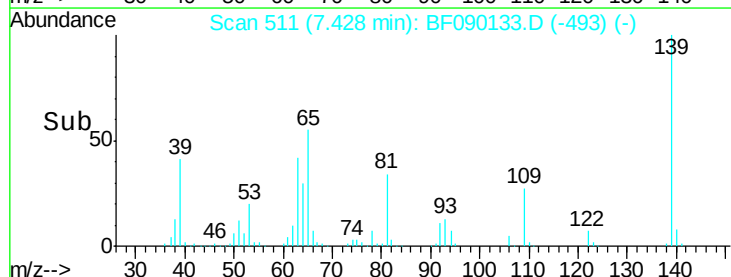
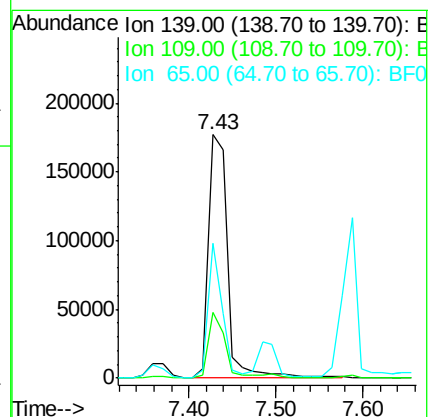
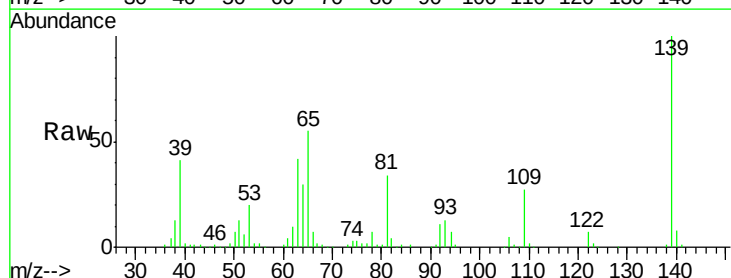
Tgt Ion: 139 Resp: 271353

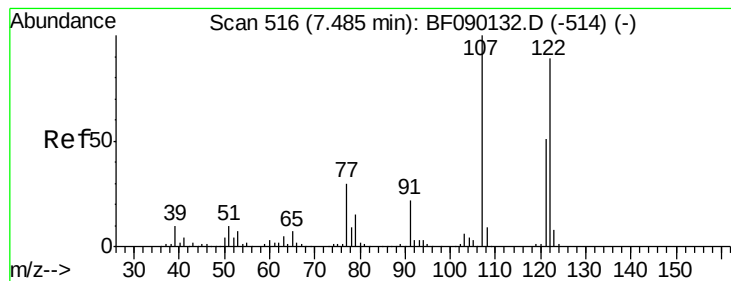
Ion Ratio Lower Upper

139 100

109 26.9 20.5 30.7

65 55.4 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 46.63 ng

RT: 7.50 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampled :

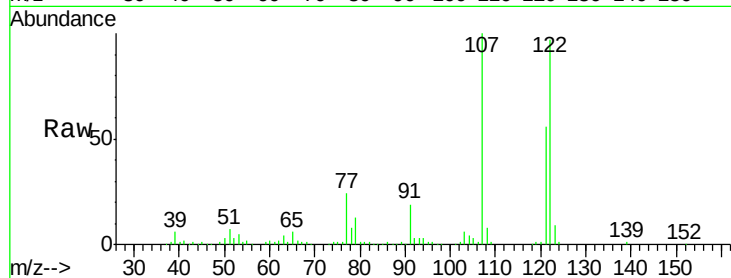
Tot Ion:122 Resp: 492338

Ion Ratio Lower Upper

122 100

107 102.7 87.8 131.6

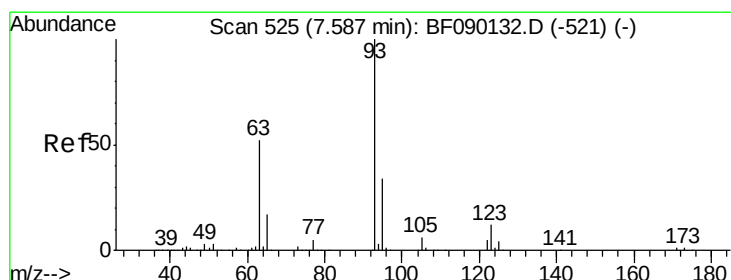
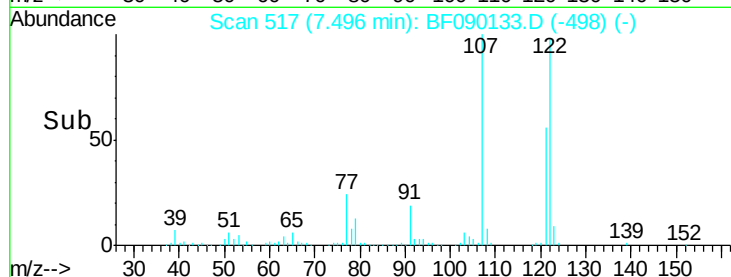
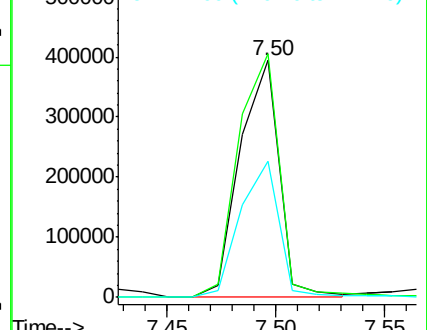
121 57.2 45.7 68.5



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: 47.87 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

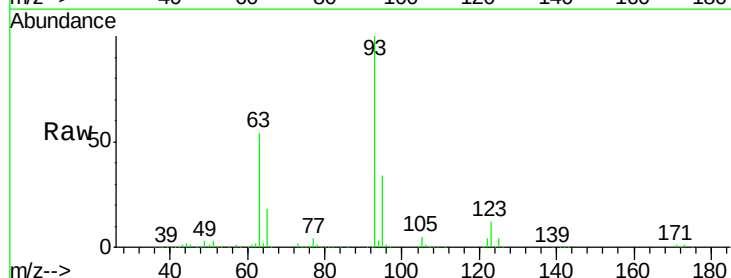
Tgt Ion: 93 Resp: 690856

Ion Ratio Lower Upper

93 100

95 33.5 26.8 40.2

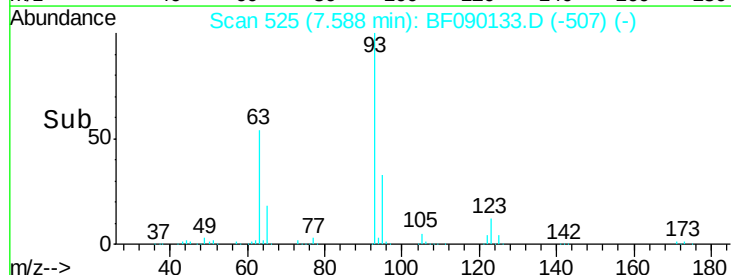
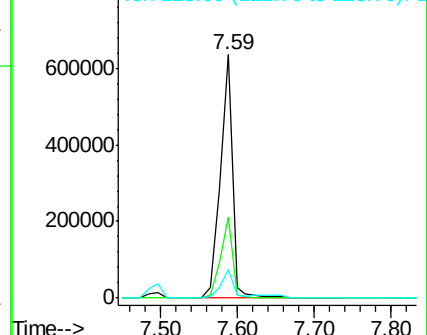
123 11.9 8.5 12.7

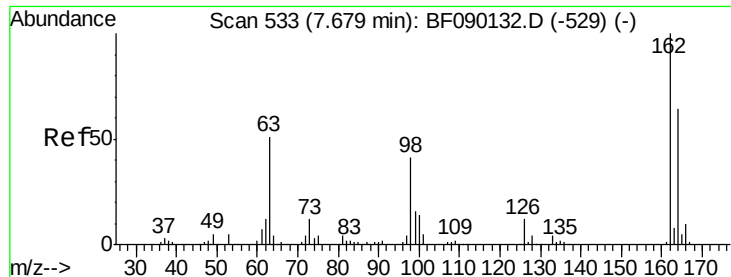


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

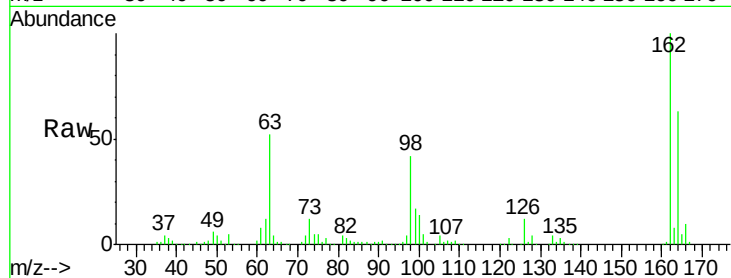




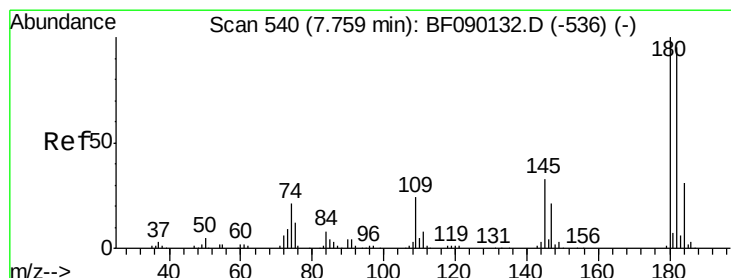
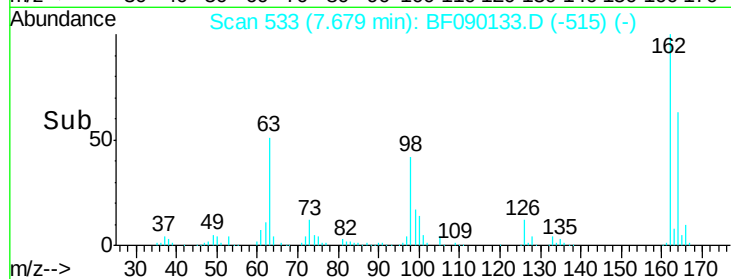
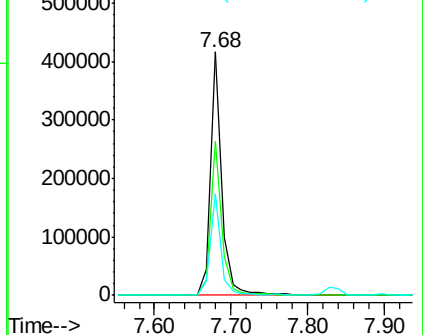
#29
 2,4-Dichlorophenol
 Concen: 44.92 ng
 RT: 7.68 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 419009
 Ion Ratio Lower Upper
 162 100
 164 63.3 46.2 86.2
 98 41.8 10.4 50.4

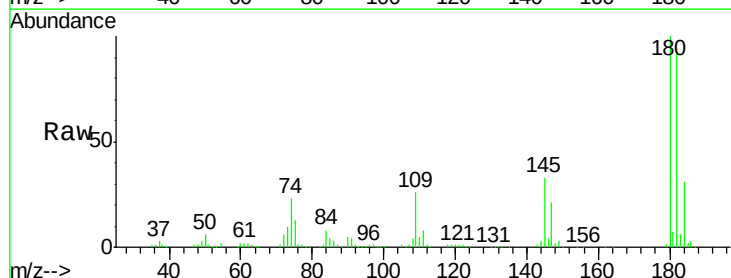


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

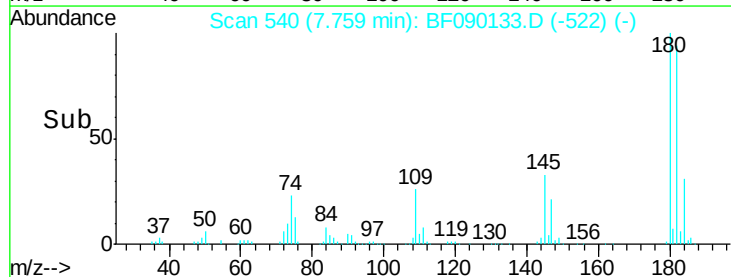
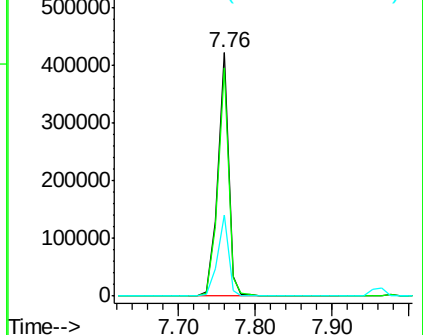


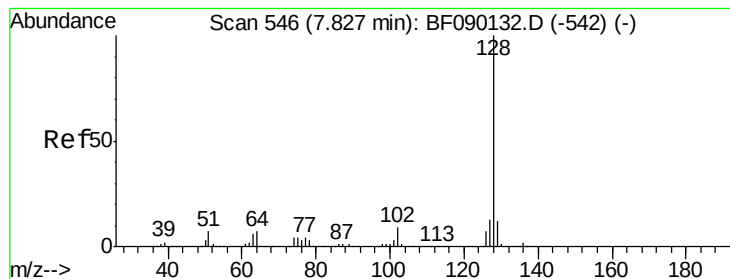
#30
 1,2,4-Trichlorobenzene
 Concen: 45.21 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:180 Resp: 416012
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.0 112.6
 145 33.1 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: 44.81 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

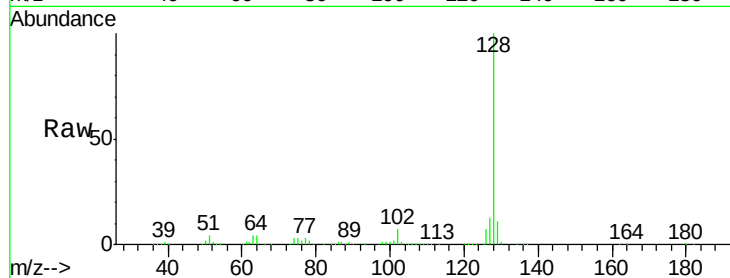
Tot Ion:128 Resp: 1455223

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

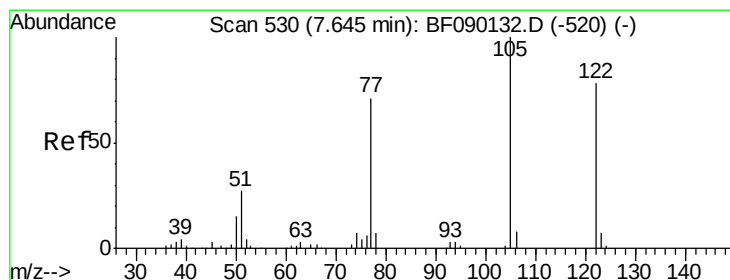
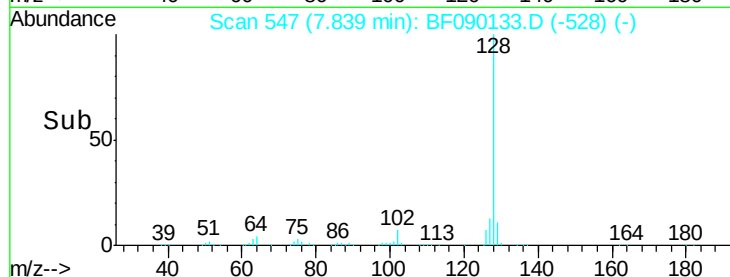
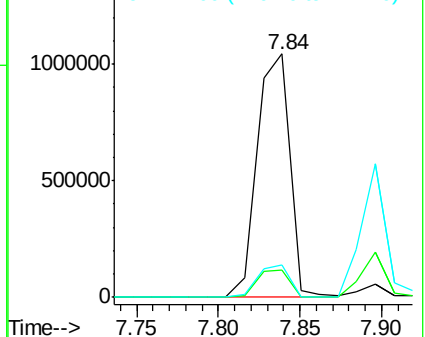
127 13.3 10.8 16.2



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: 49.20 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

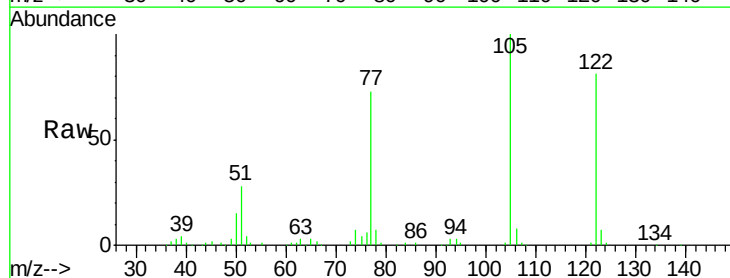
Tgt Ion:122 Resp: 373258

Ion Ratio Lower Upper

122 100

105 122.7 105.0 145.0

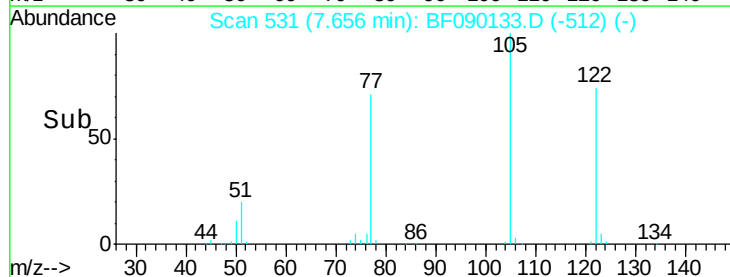
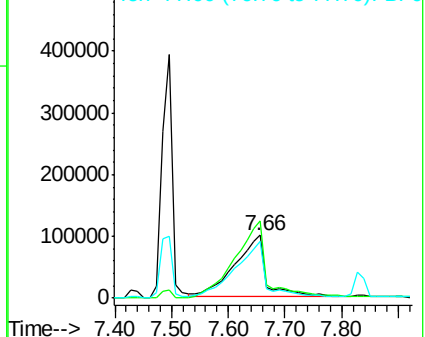
77 89.3 70.4 110.4

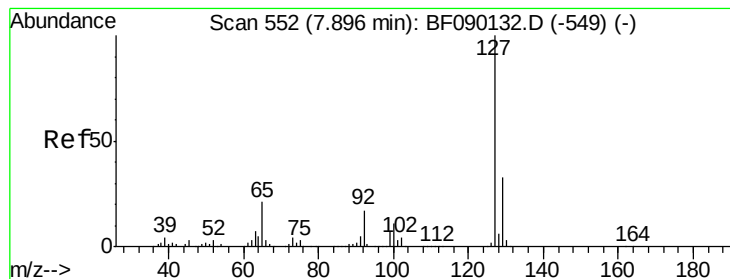


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 45.80 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF090133.D

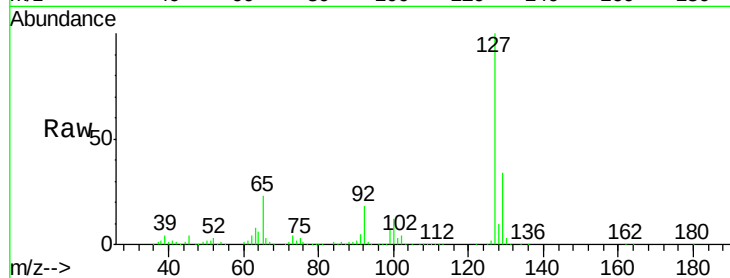
Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	632982
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.6
65	23.5	24.1	36.1#
92	17.7	16.3	24.5

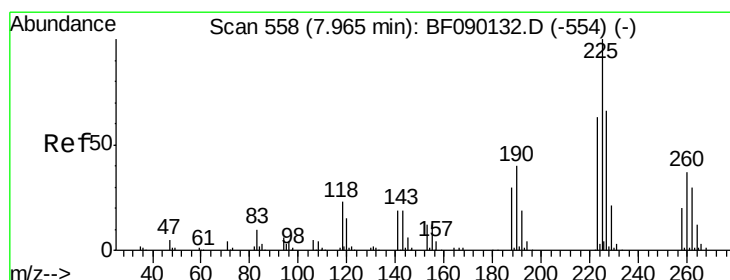
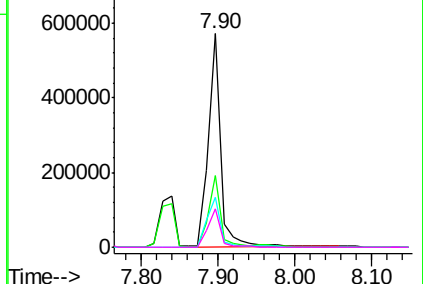
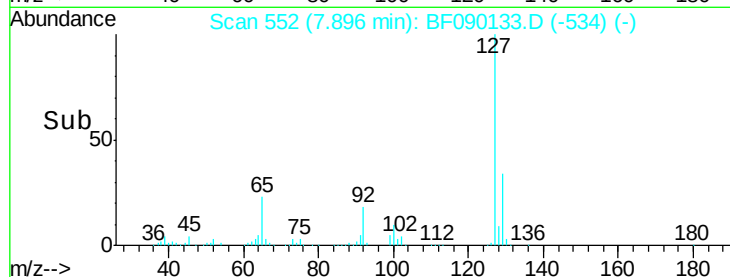


Abundance Ion 127.00 (126.70 to 127.70): E

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: 46.52 ng

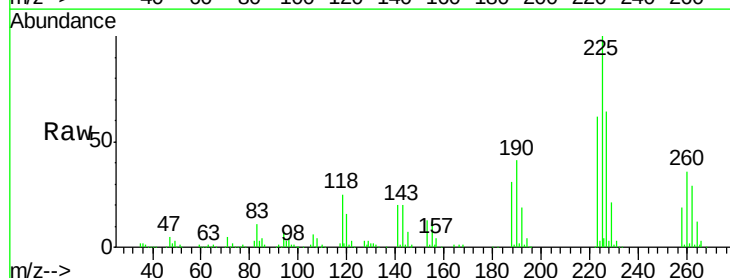
RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

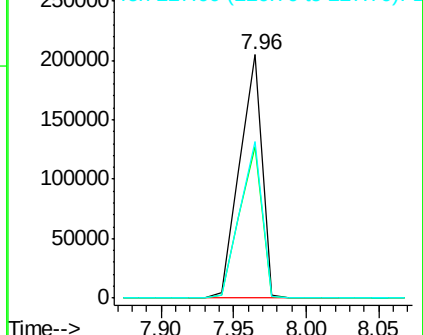
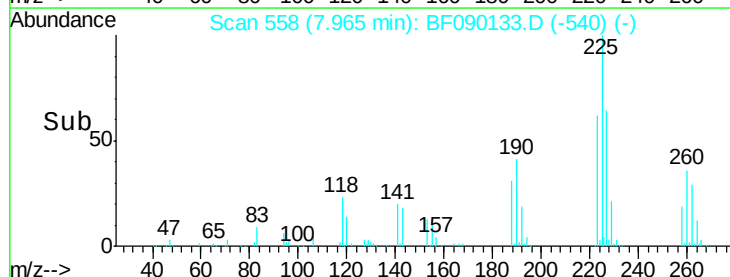
Tgt Ion:	225	Resp:	219168
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.3	76.9
227	64.3	51.4	77.0

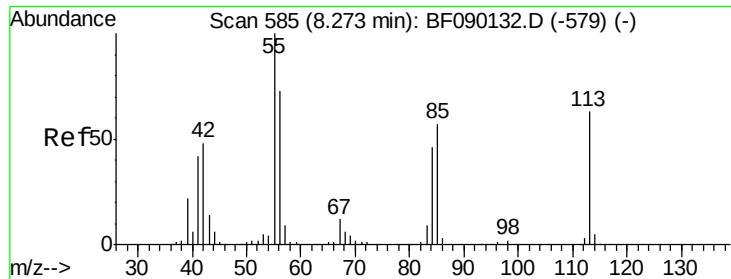


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.11 ng

RT: 8.28 min Scan# 586

Delta R.T. 0.01 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

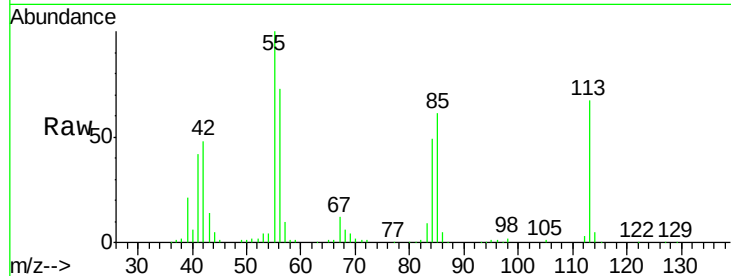
Tot Ion:113 Resp: 143636

Ion Ratio Lower Upper

113 100

55 148.5 134.5 174.5

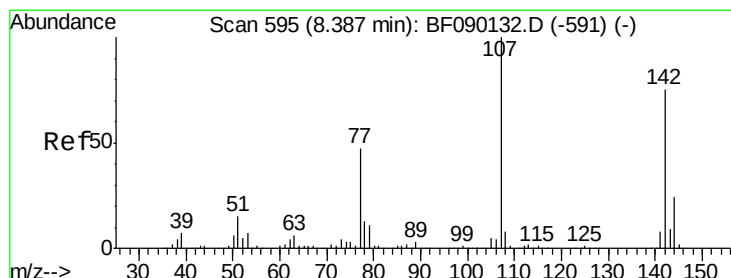
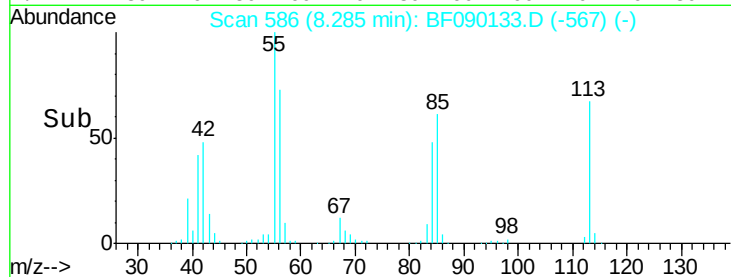
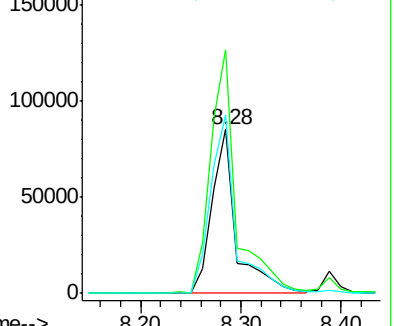
56 109.2 93.7 133.7



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



#36

4-Chloro-3-methylphenol

Concen: 40.67 ng

RT: 8.39 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

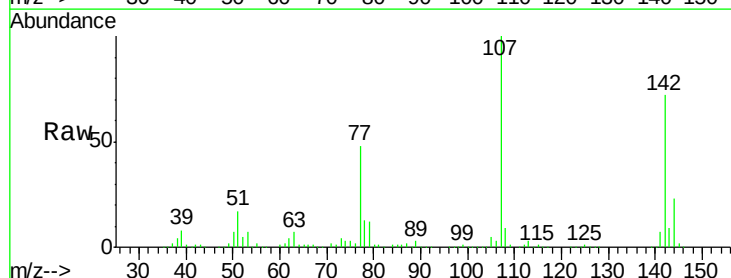
Tgt Ion:107 Resp: 440376

Ion Ratio Lower Upper

107 100

144 23.0 18.6 27.8

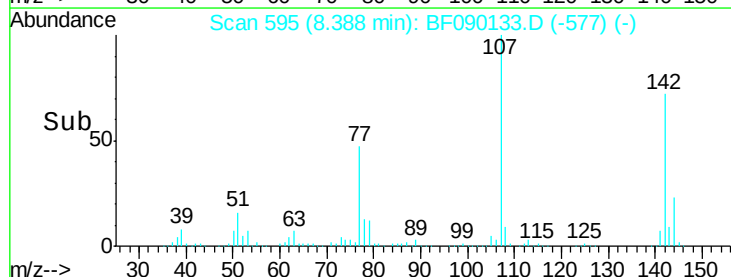
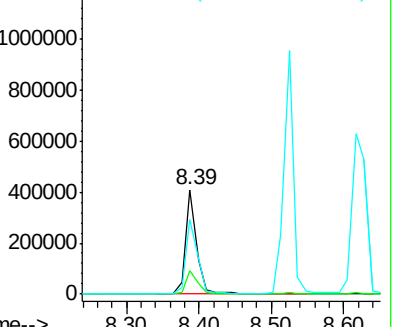
142 71.9 57.0 85.6

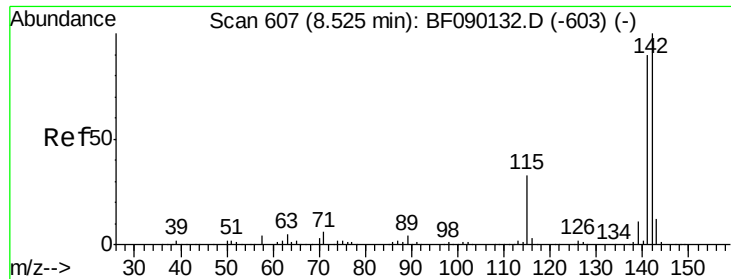


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

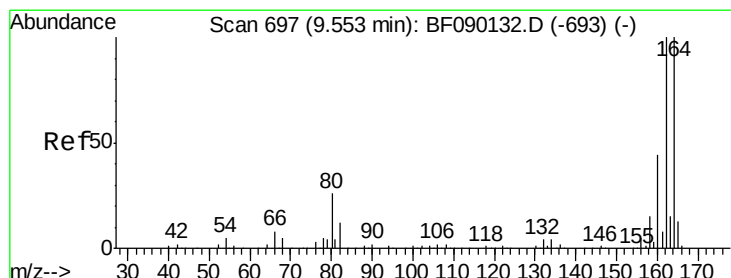
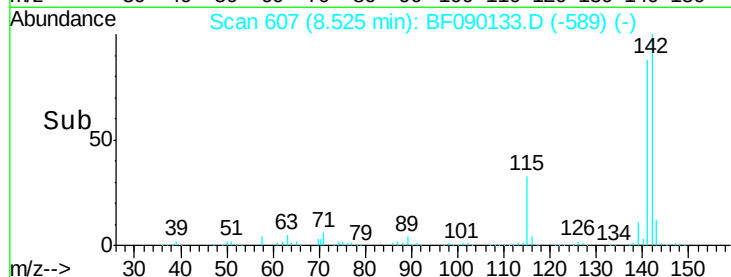
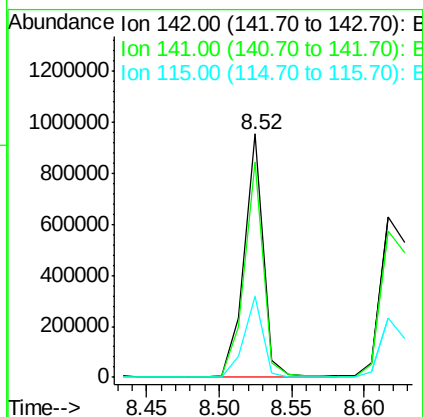
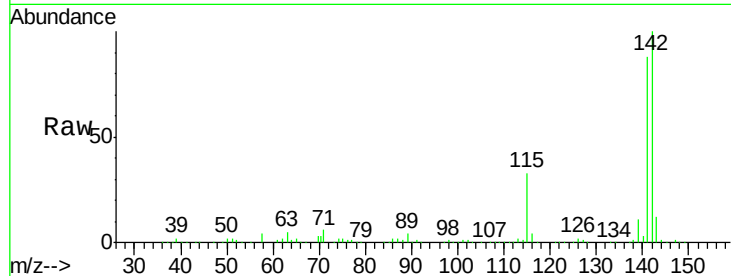




#37
2-Methylnaphthalene
Concen: 43.54 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

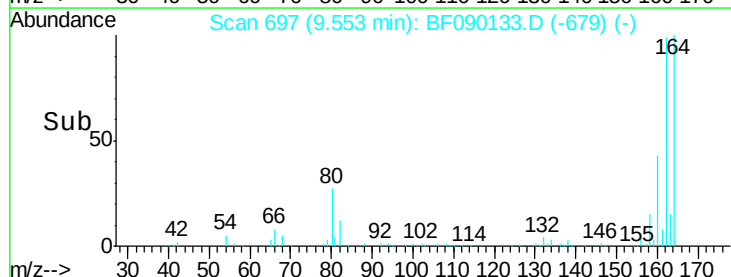
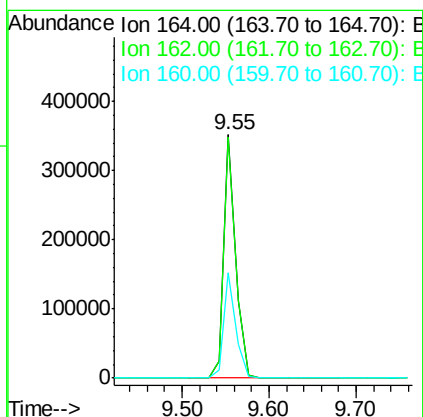
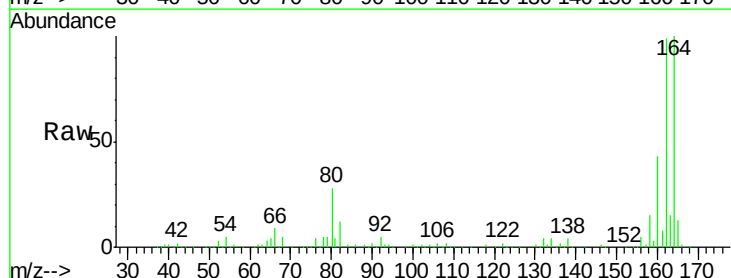
Instrument :
BNA_F
ClientSampleId :

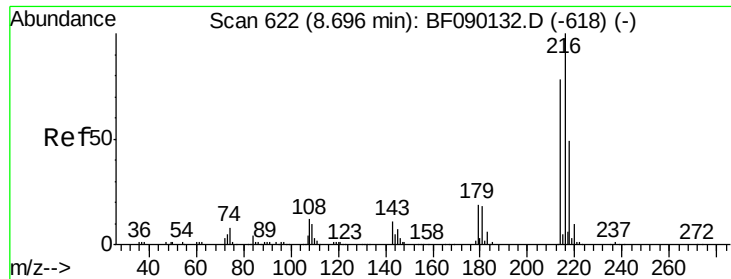
Tot Ion:142 Resp: 876846
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.2
115 33.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Tgt Ion:164 Resp: 341164
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.2
160 43.4 36.6 54.8

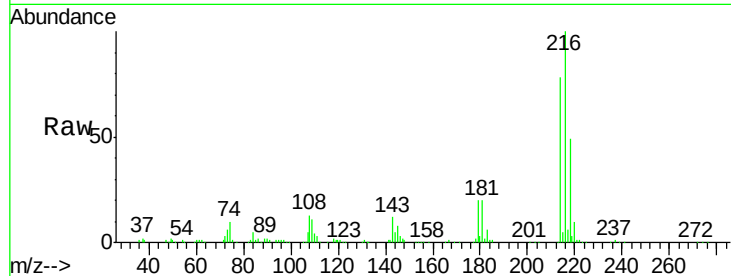




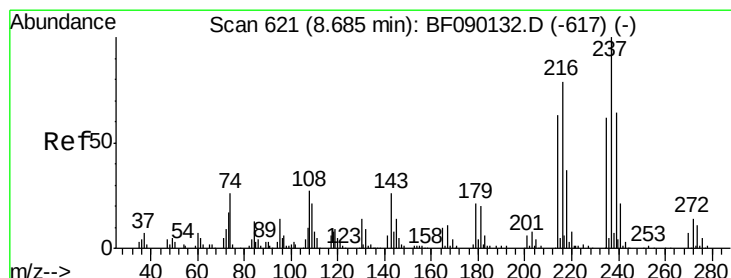
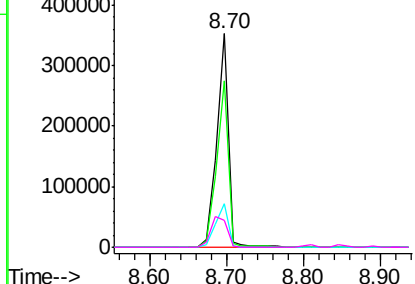
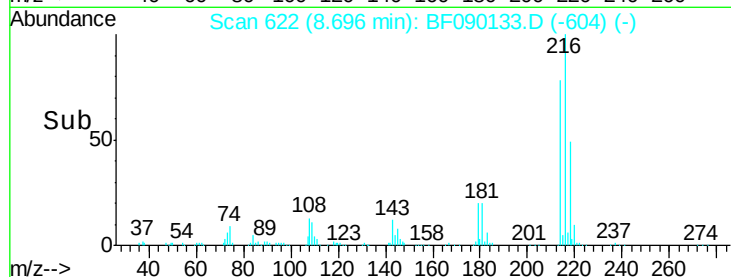
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.68 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	365676
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.7 95.5
179	21.7	18.5 27.7
108	20.3	19.5 29.3

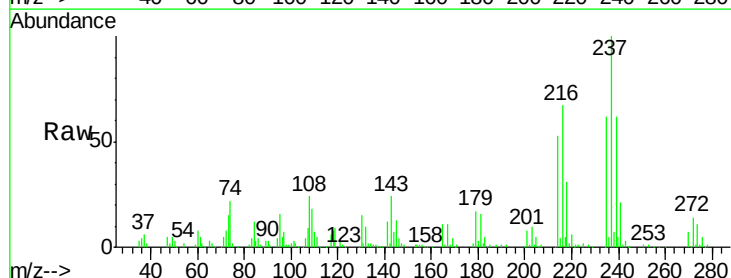


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

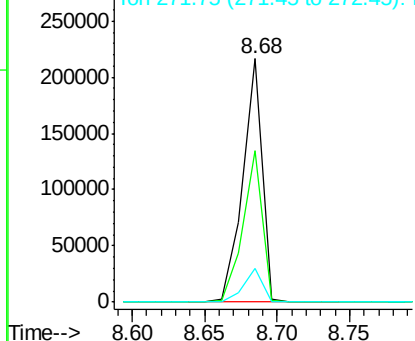
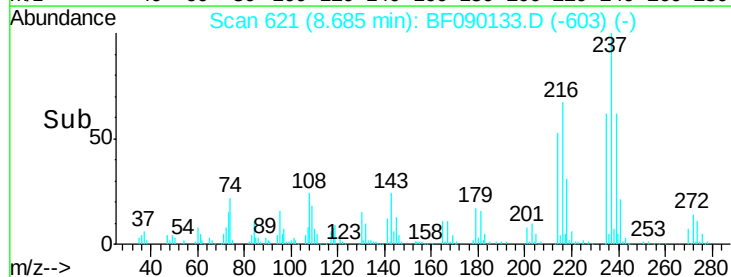


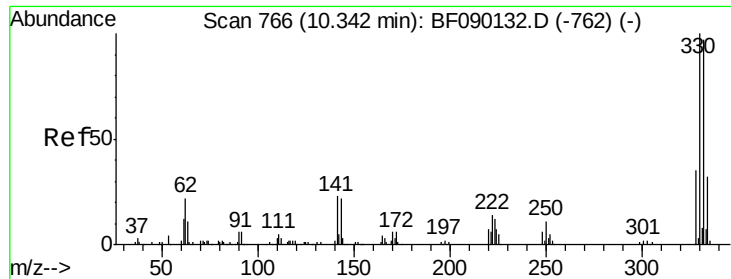
#40
 Hexachlorocyclopentadiene
 Concen: 44.17 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:237	Resp:	201386
Ion Ratio	Lower	Upper
237	100	
235	62.3	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

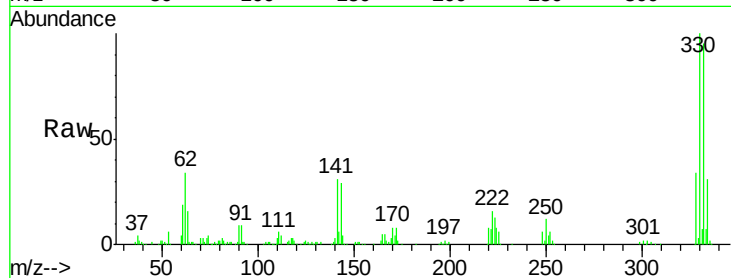




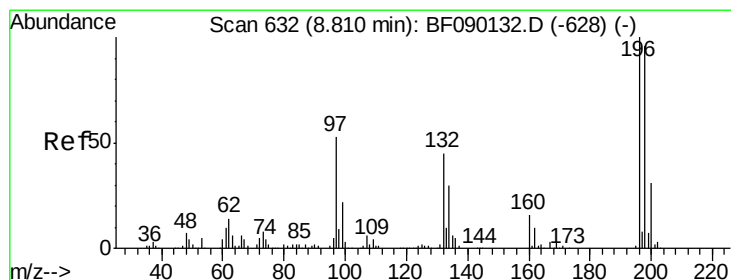
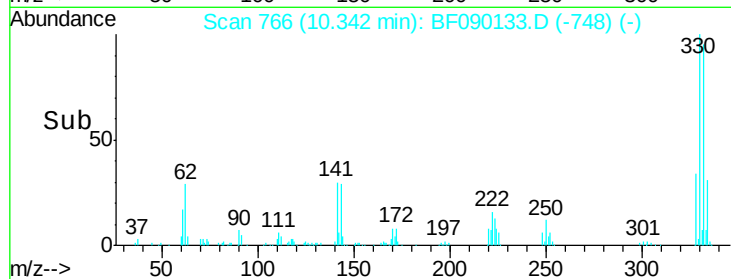
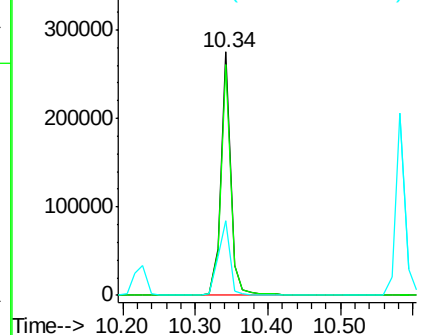
#41
 2,4,6-Tribromophenol
 Concen: 76.99 ng
 RT: 10.34 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 263842
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.1 117.1
 141 37.5 23.9 35.9#

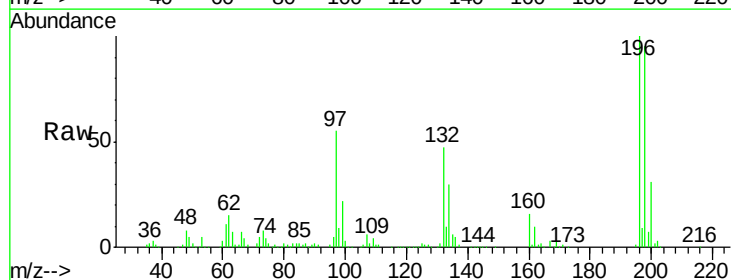


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

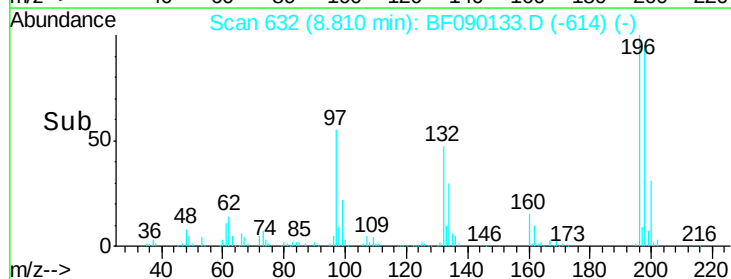
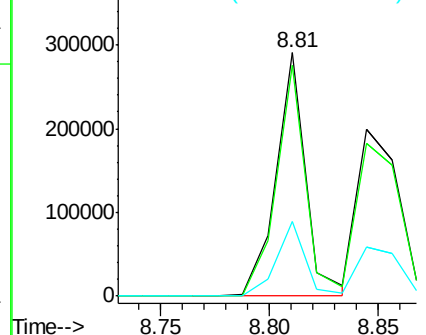


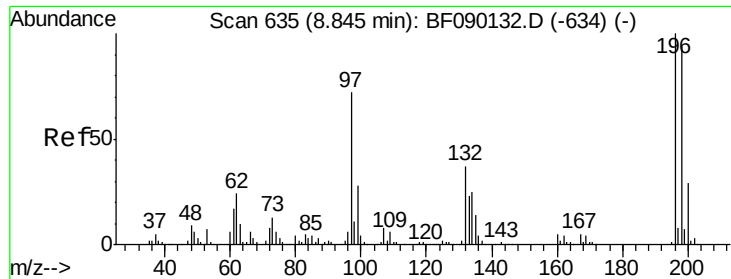
#42
 2,4,6-Trichlorophenol
 Concen: 43.53 ng
 RT: 8.81 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:196 Resp: 276774
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.3 114.5
 200 30.6 24.1 36.1



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

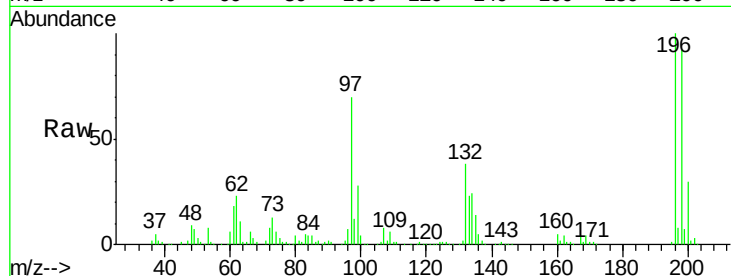




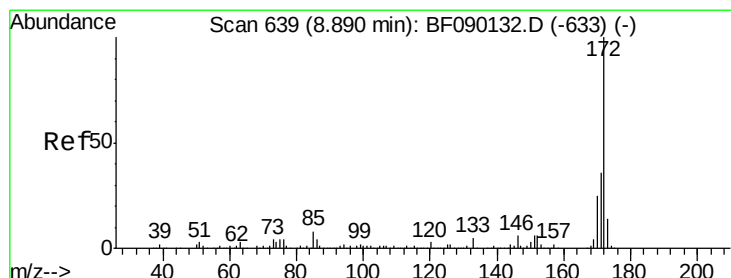
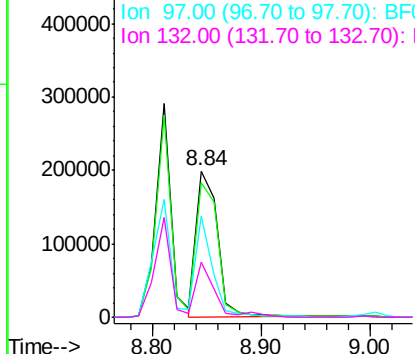
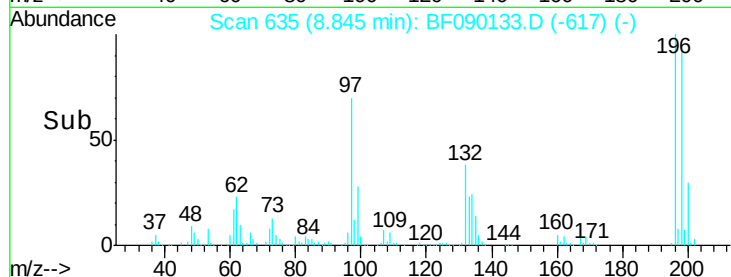
#43
 2,4,5-Trichlorophenol
 Concen: 39.70 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.6	114.8
97	69.5	34.4	51.6
132	37.5	22.2	33.2

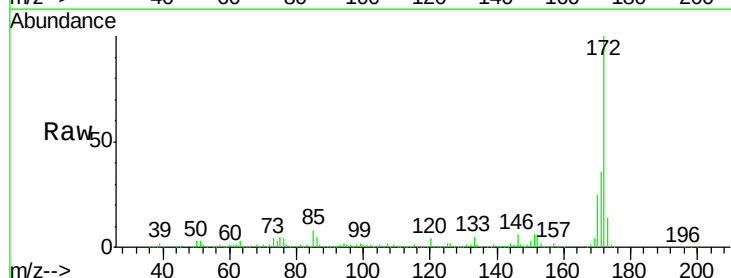


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

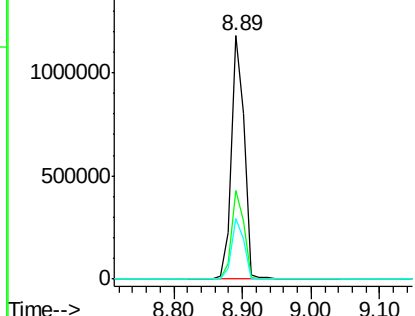
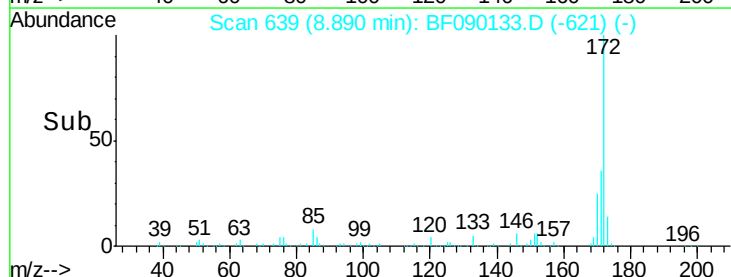


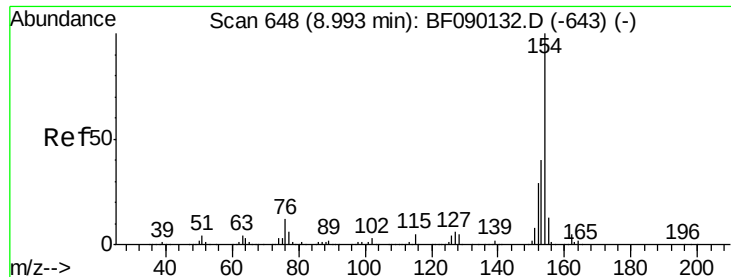
#44
 2-Fluorobiphenyl
 Concen: 71.82 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.8	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



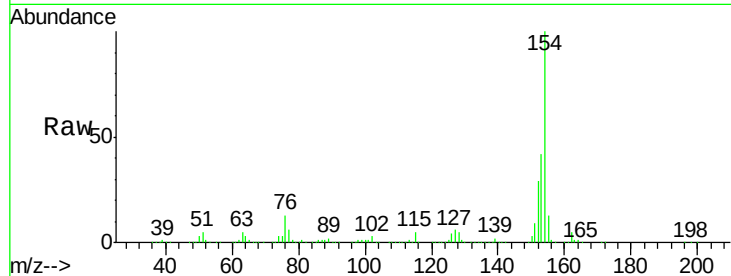


#45
 1,1'-Biphenyl
 Concen: 41.28 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

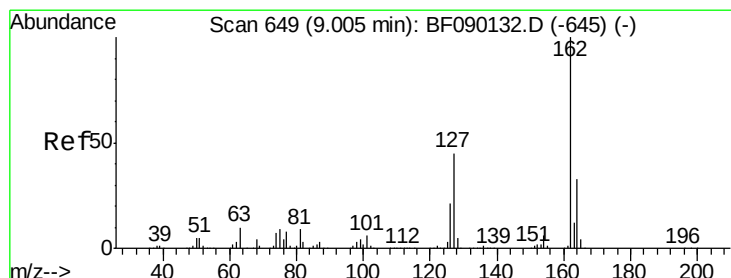
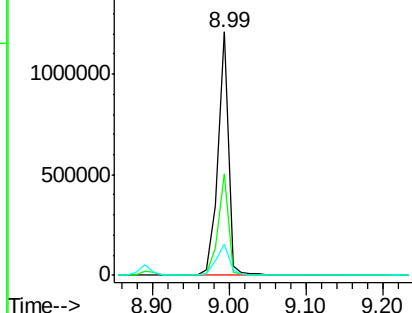
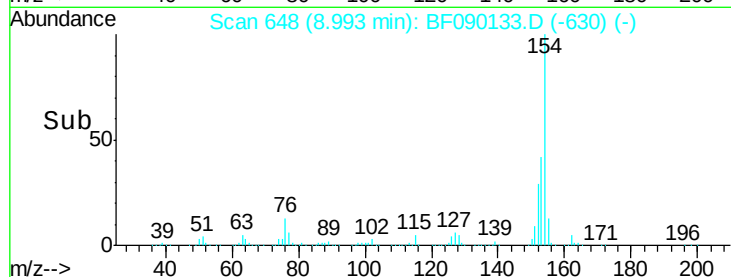
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1152285

Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.6	60.6
76	12.8	0.0	36.7



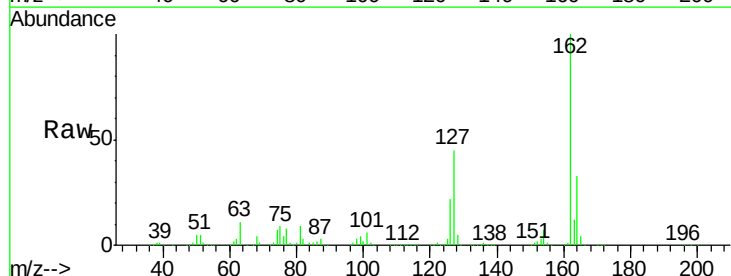
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



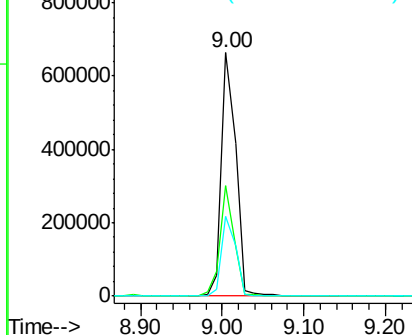
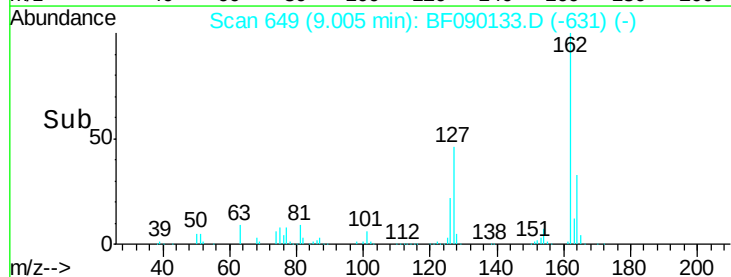
#46
 2-Chloronaphthalene
 Concen: 39.08 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

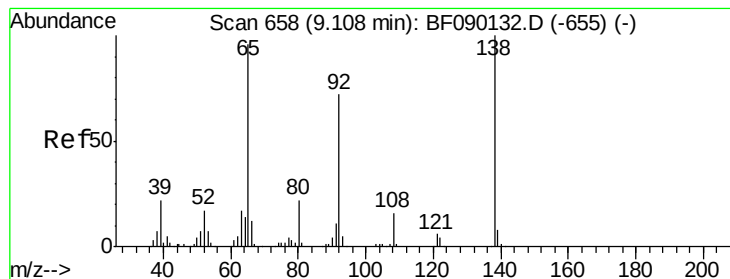
Tgt Ion:162 Resp: 808309

Ion	Ratio	Lower	Upper
162	100		
127	45.5	34.0	51.0
164	32.8	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.85 ng

RT: 9.11 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

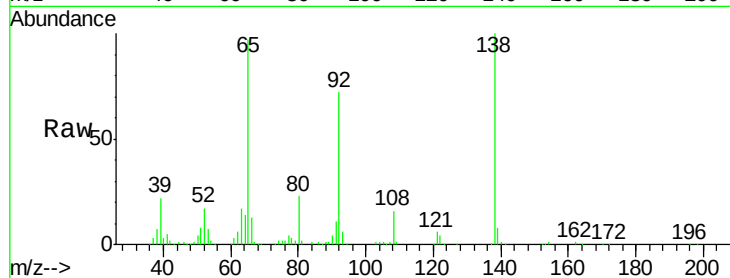
Tot Ion: 65 Resp: 249974

Ion Ratio Lower Upper

65 100

92 74.3 66.1 99.1

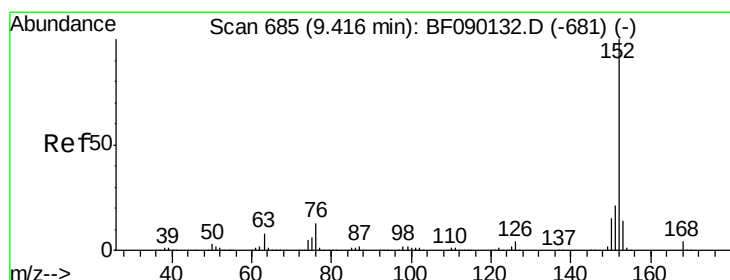
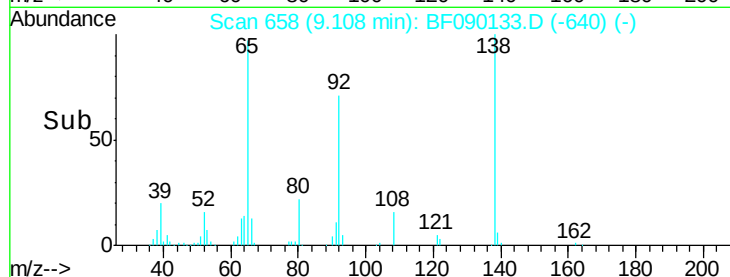
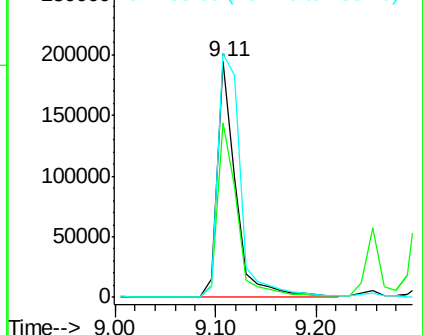
138 103.5 104.1 156.1#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 34.67 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

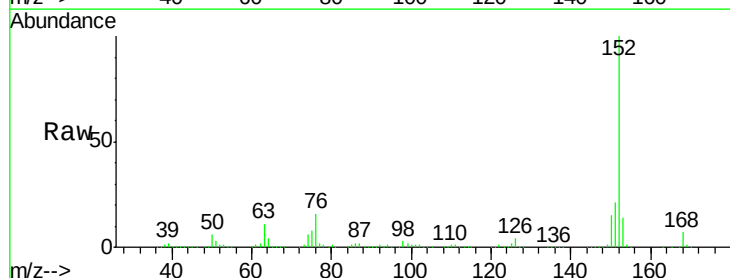
Tgt Ion: 152 Resp: 1204307

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7

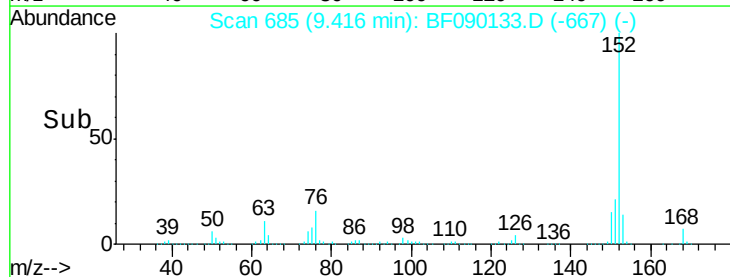
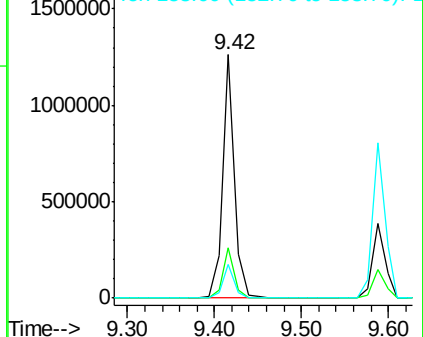
153 14.1 10.6 15.8

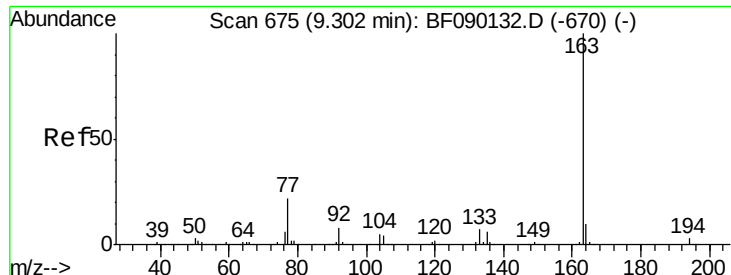


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 37.00 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampled :

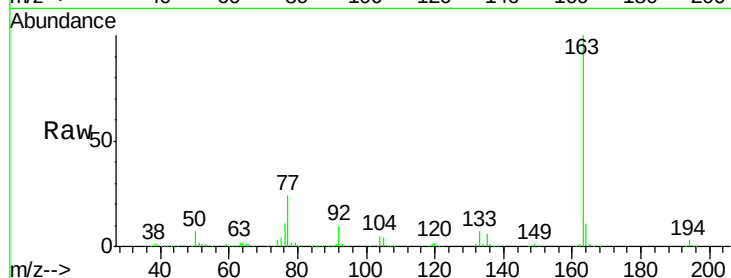
Tot Ion:163 Resp: 937686

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

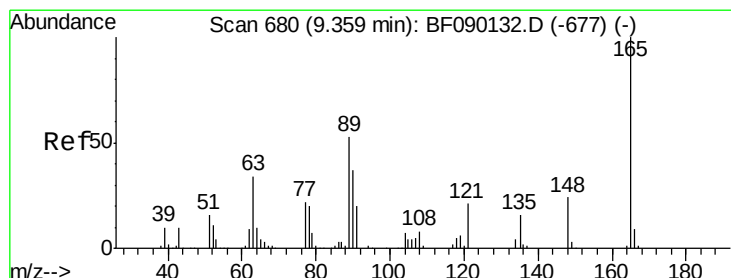
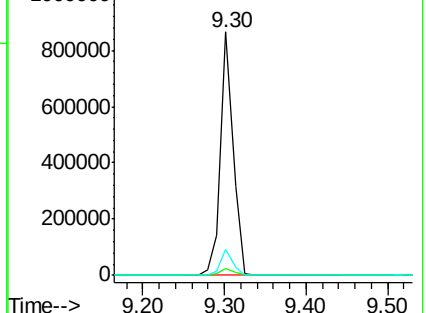
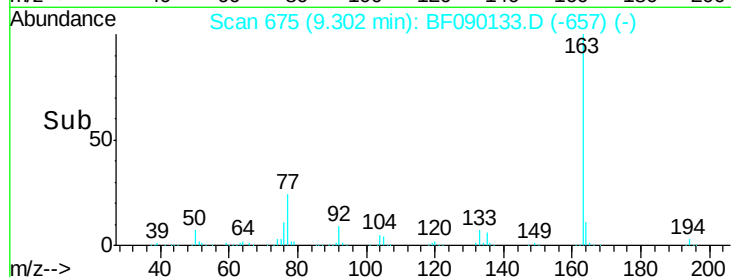
164 10.8 8.1 12.1



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: 40.25 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

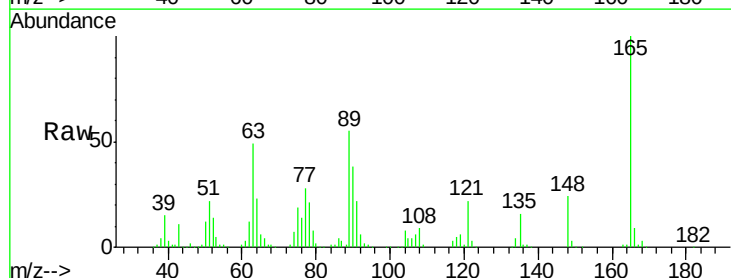
Tgt Ion:165 Resp: 227946

Ion Ratio Lower Upper

165 100

63 48.5 49.9 74.9#

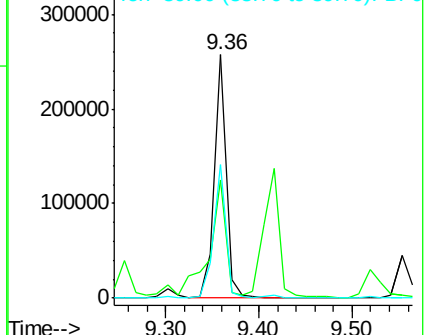
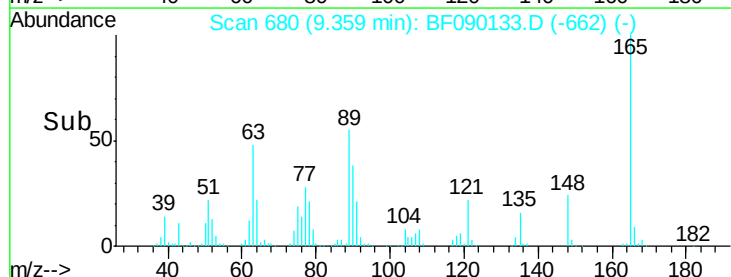
89 54.6 51.0 76.4

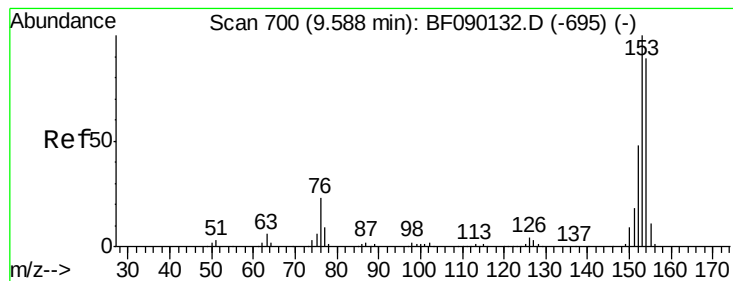


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.21 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

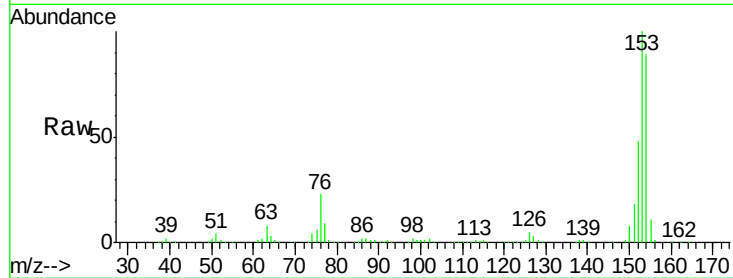
Tot Ion:154 Resp: 741360

Ion Ratio Lower Upper

154 100

153 111.8 90.8 136.2

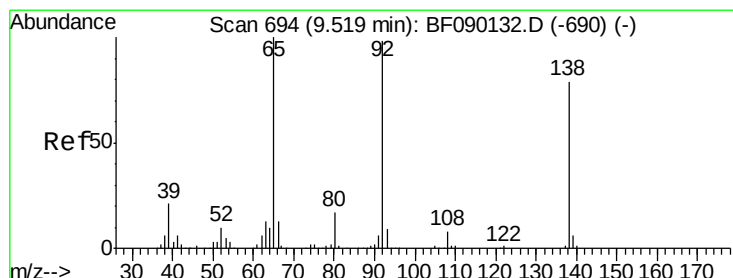
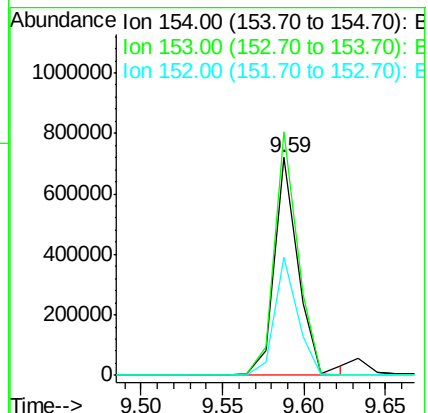
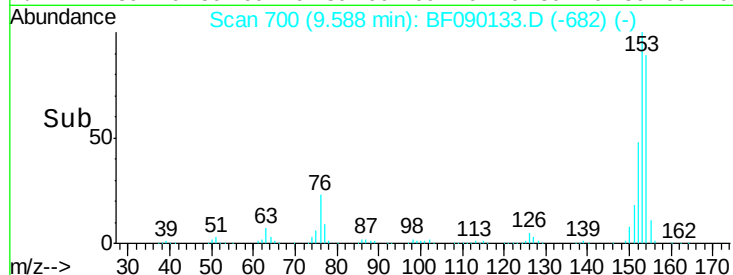
152 54.0 44.2 66.4



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: 39.41 ng

RT: 9.52 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

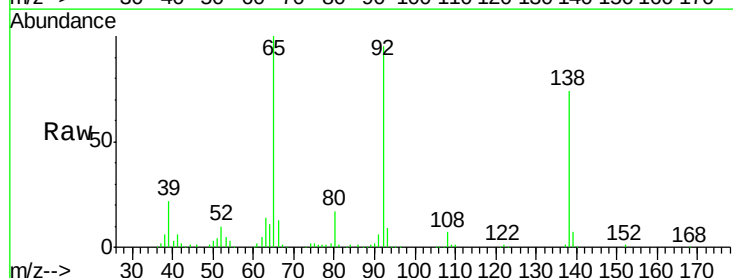
Tgt Ion:138 Resp: 271535

Ion Ratio Lower Upper

138 100

108 10.1 7.8 11.6

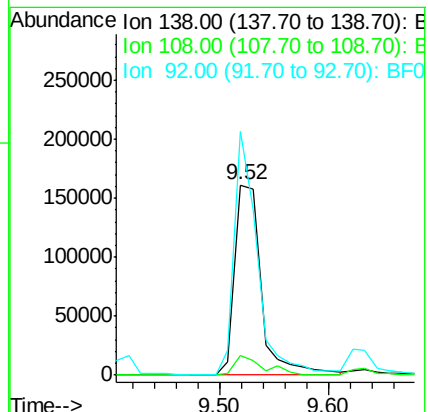
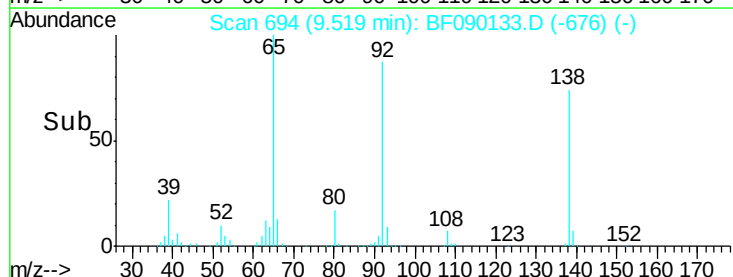
92 127.9 90.7 136.1

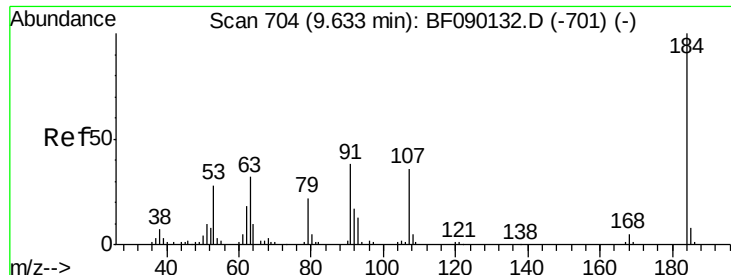


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

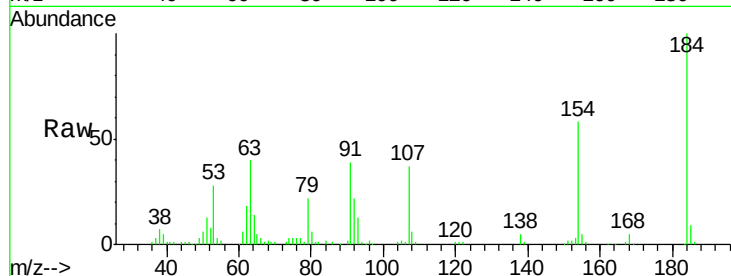




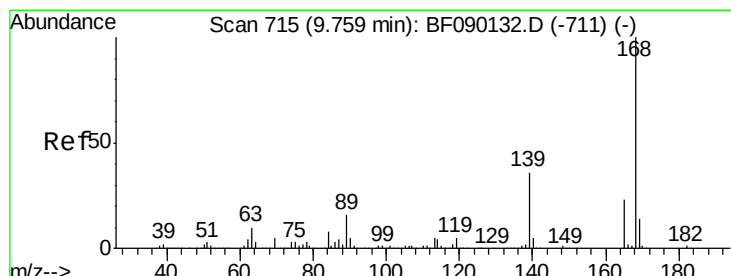
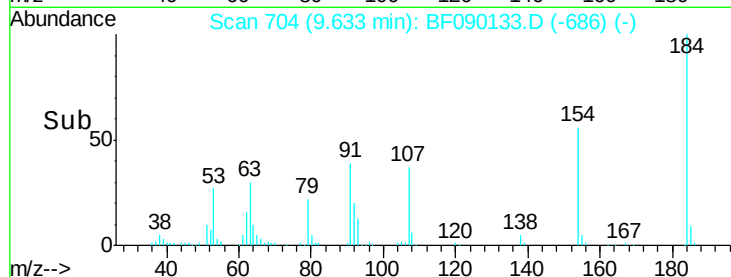
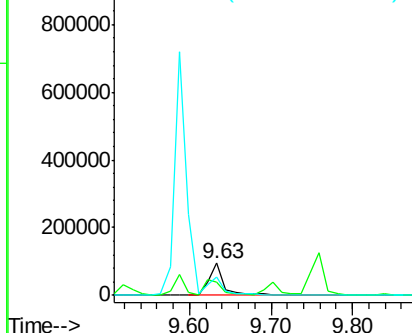
#53
 2,4-Dinitrophenol
 Concen: 41.09 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 126486
 Ion Ratio Lower Upper
 184 100
 63 39.7 44.6 67.0#
 154 58.1 49.7 74.5

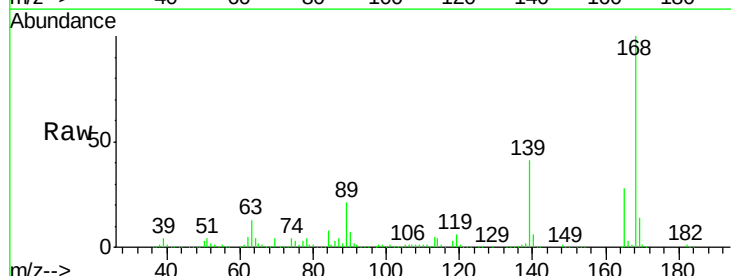


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

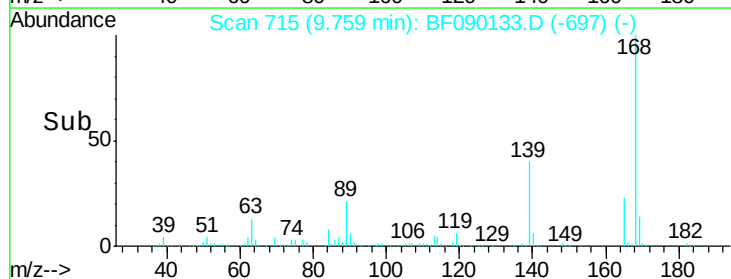
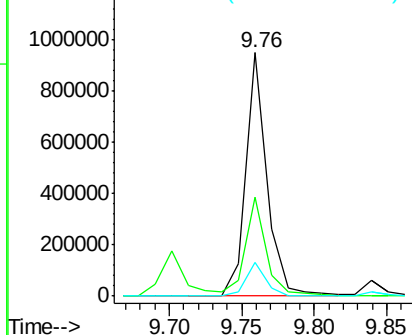


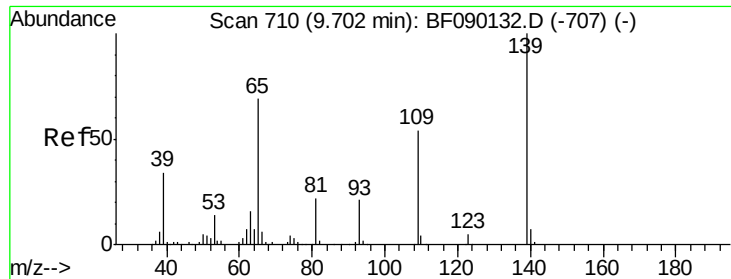
#54
 Dibenzofuran
 Concen: 35.76 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:168 Resp: 959642
 Ion Ratio Lower Upper
 168 100
 139 40.6 28.8 43.2
 169 13.9 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: 41.89 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampled :

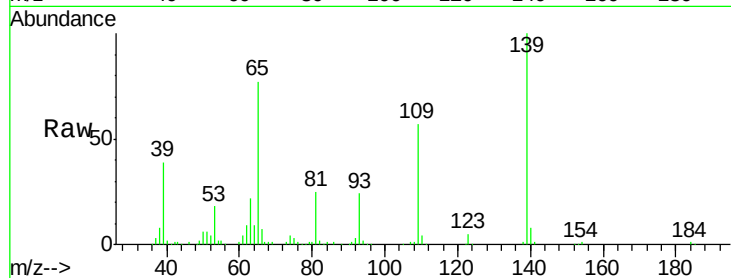
Tot Ion:139 Resp: 203086

Ion Ratio Lower Upper

139 100

109 56.9 35.6 75.6

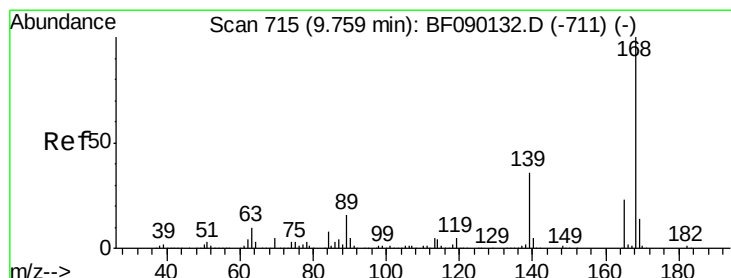
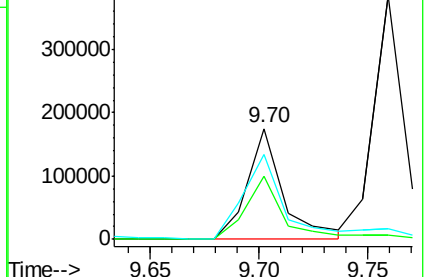
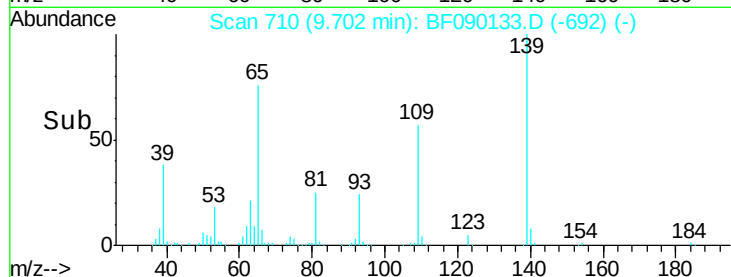
65 76.6 55.5 95.5



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.02 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Tgt Ion:165 Resp: 283168

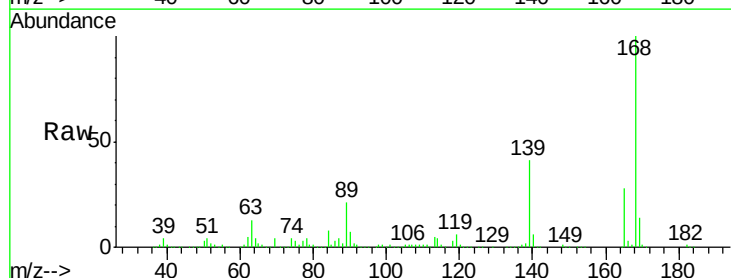
Ion Ratio Lower Upper

165 100

63 47.4 44.4 66.6

89 73.9 70.1 105.1

182 2.1 1.7 2.5

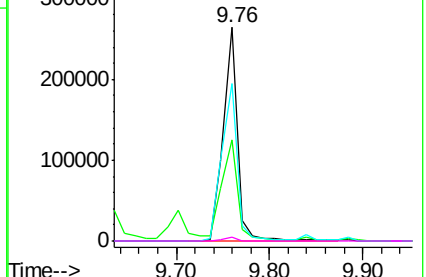
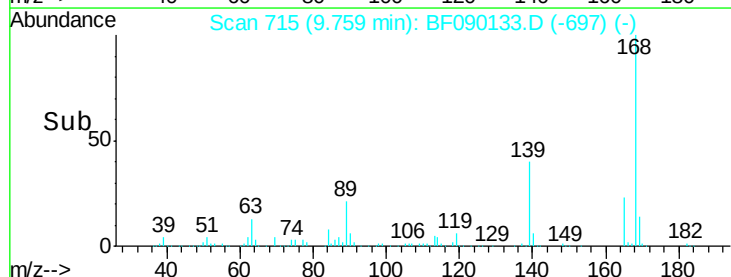


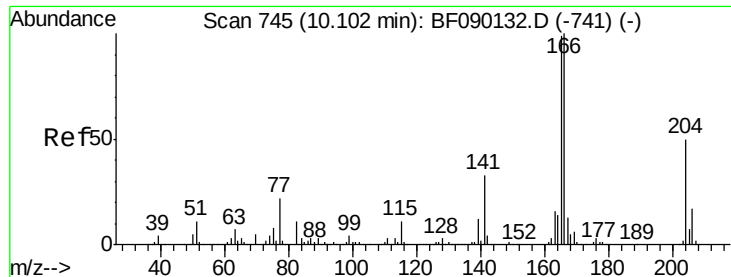
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

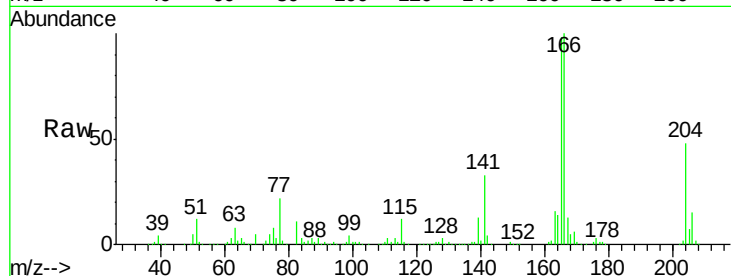




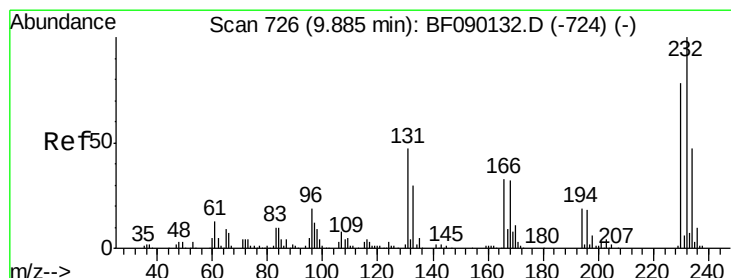
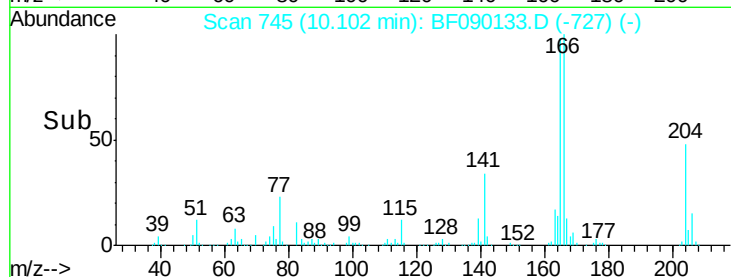
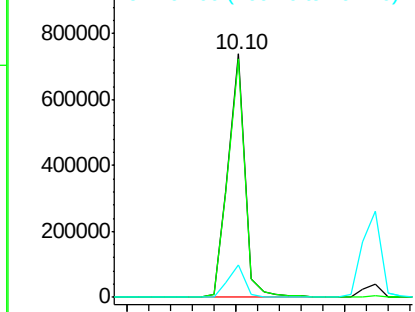
#57
 Fluorene
 Concen: 38.02 ng
 RT: 10.10 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 800368
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.5 117.7
 167 13.4 11.2 16.8

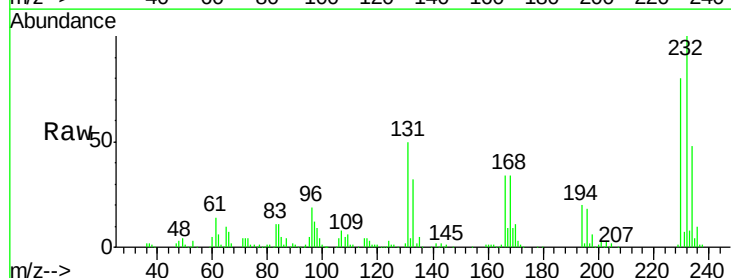


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

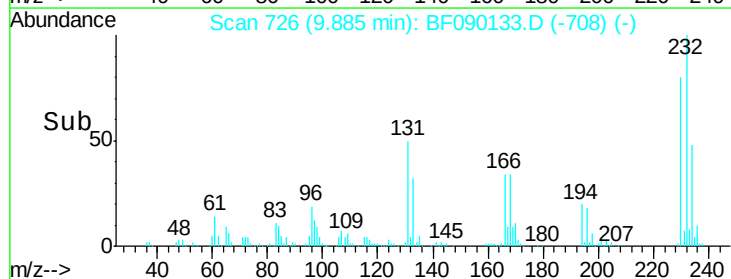
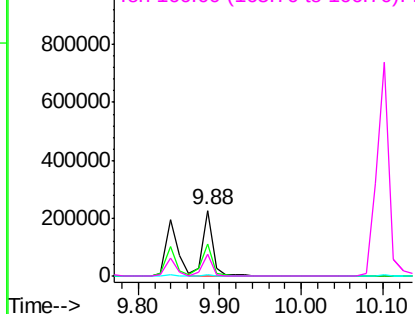


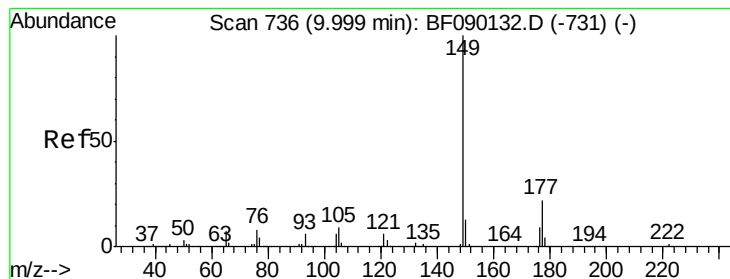
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.53 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:232 Resp: 206228
 Ion Ratio Lower Upper
 232 100
 131 52.4 42.2 63.4
 130 2.3 1.9 2.9
 166 33.8 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: 38.19 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampled :

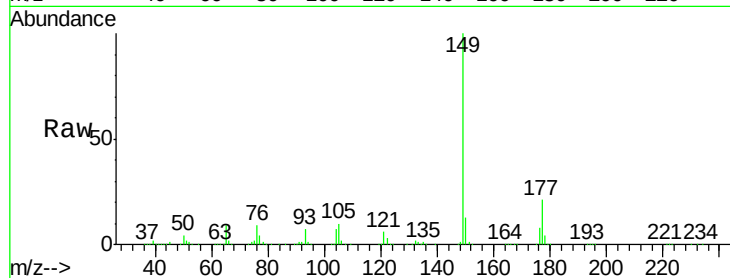
Tot Ion:149 Resp: 936892

Ion Ratio Lower Upper

149 100

177 20.6 15.8 23.6

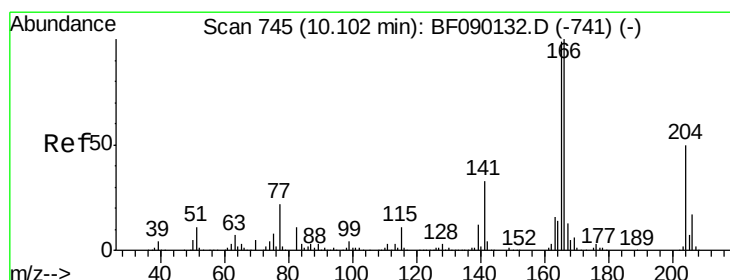
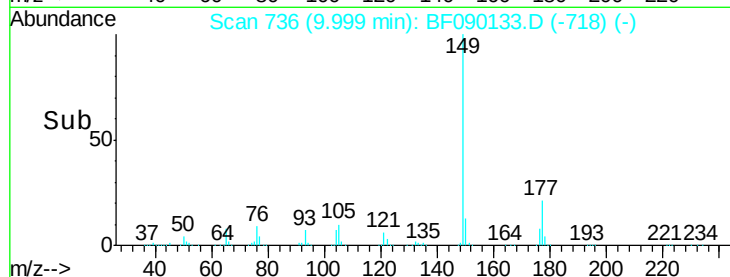
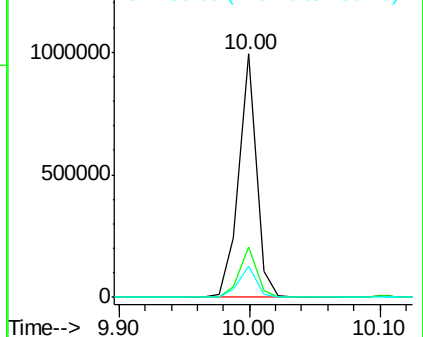
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.63 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

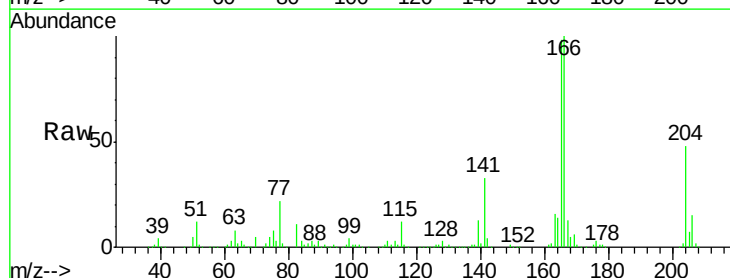
Tgt Ion:204 Resp: 325074

Ion Ratio Lower Upper

204 100

206 32.2 25.6 38.4

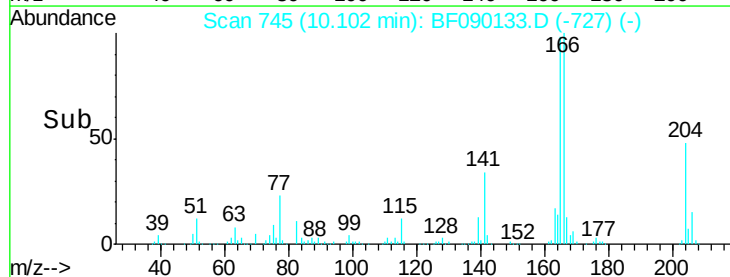
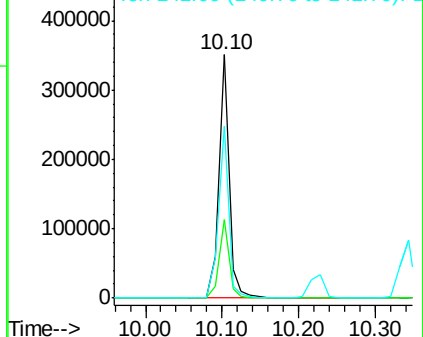
141 70.4 64.4 96.6

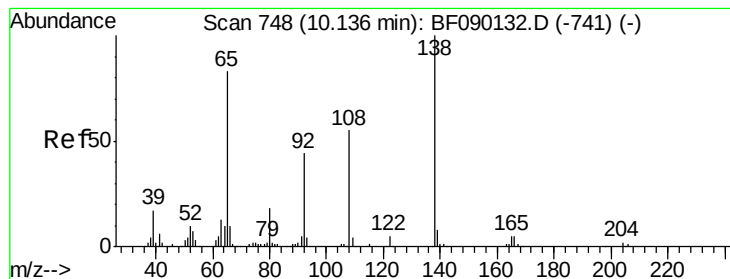


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.16 ng

RT: 10.14 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

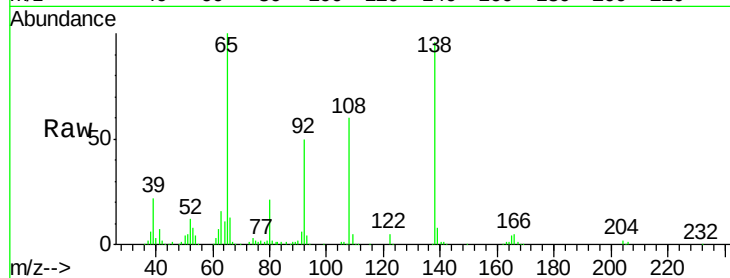
Tot Ion:138 Resp: 273107

Ion Ratio Lower Upper

138 100

92 51.9 23.8 63.8

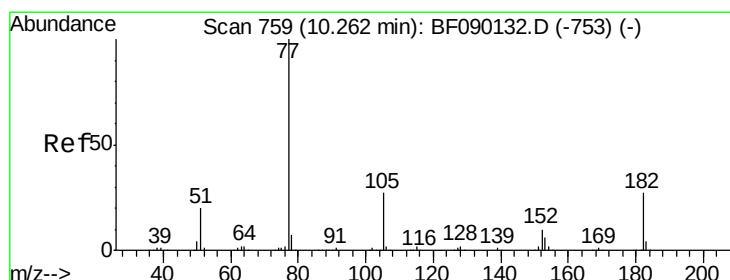
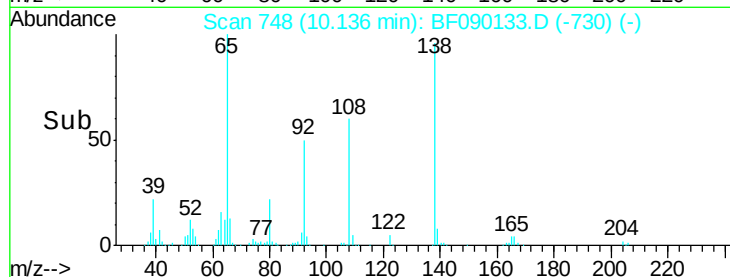
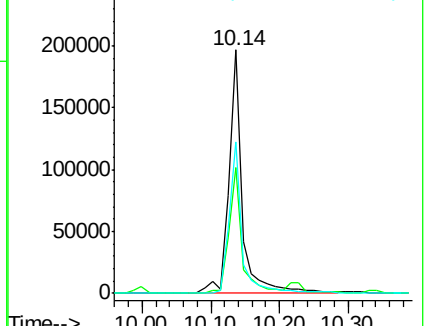
108 62.5 35.0 75.0



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: 41.10 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Tgt Ion: 77 Resp: 1058127

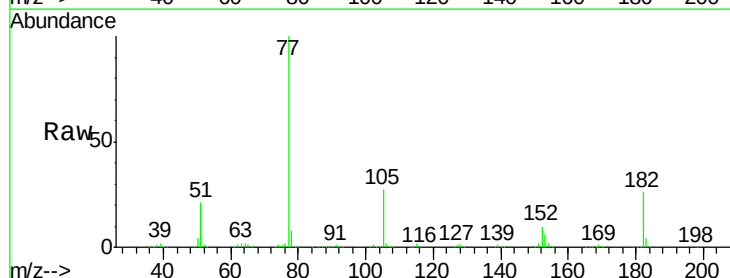
Ion Ratio Lower Upper

77 100

182 26.2 0.0 38.4

105 26.7 3.8 43.8

51 20.6 2.6 42.6

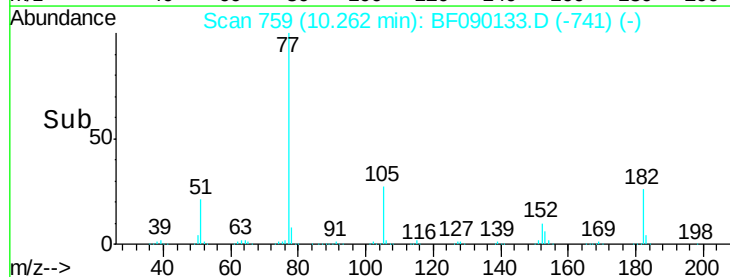
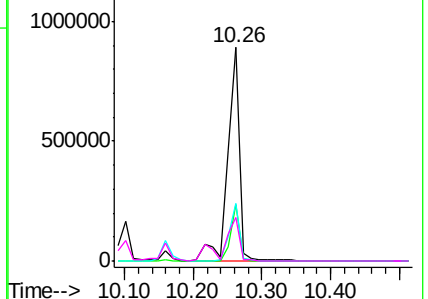


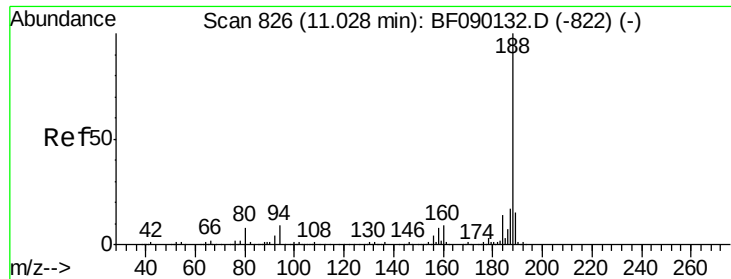
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

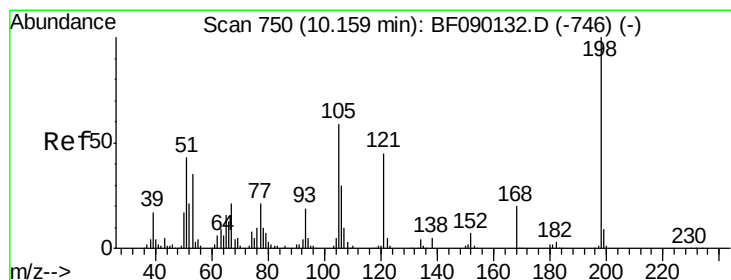
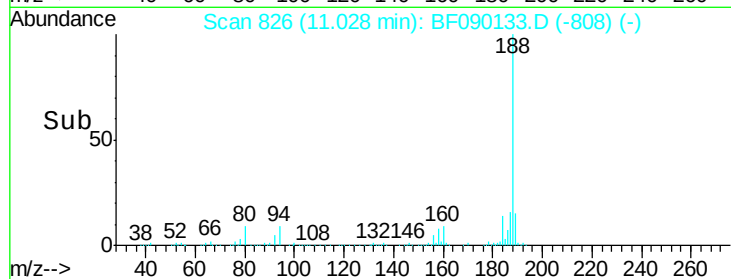
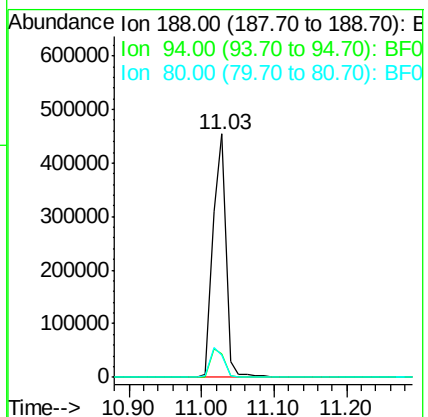
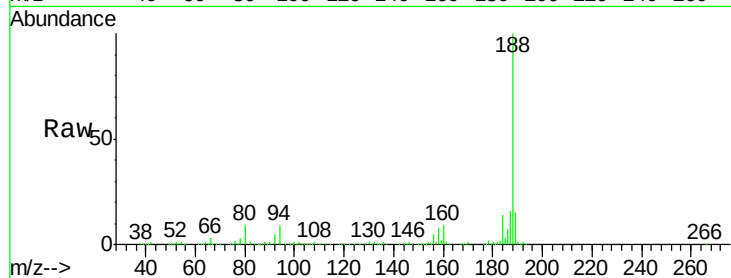




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

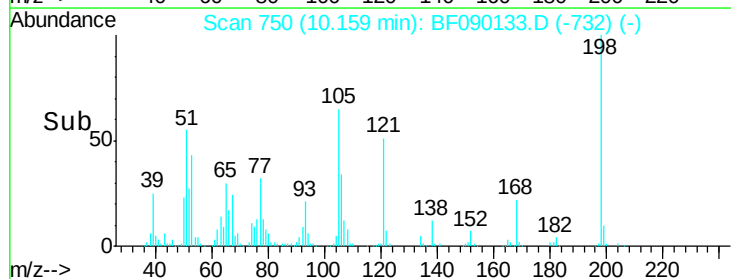
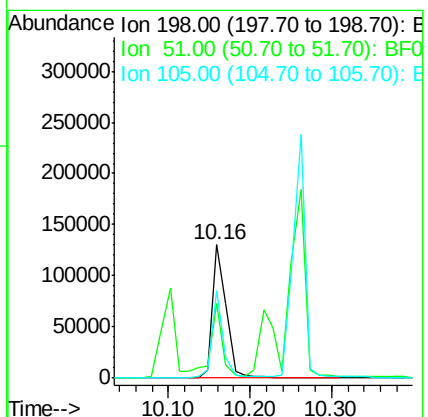
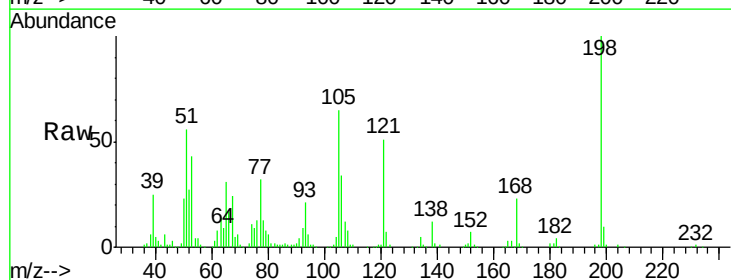
Instrument :
BNA_F
ClientSampleId :

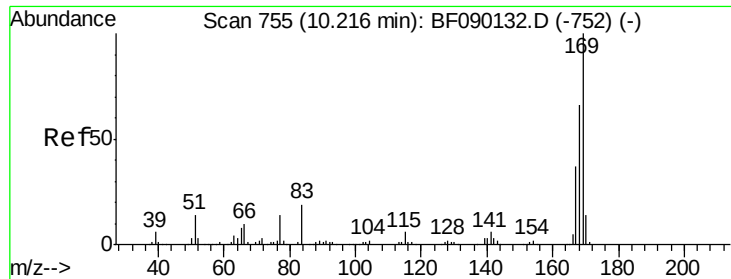
Tot Ion:188 Resp: 564833
Ion Ratio Lower Upper
188 100
94 9.4 10.5 15.7#
80 9.2 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 45.16 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Tgt Ion:198 Resp: 156092
Ion Ratio Lower Upper
198 100
51 55.6 5.5 45.5#
105 65.1 21.8 61.8#

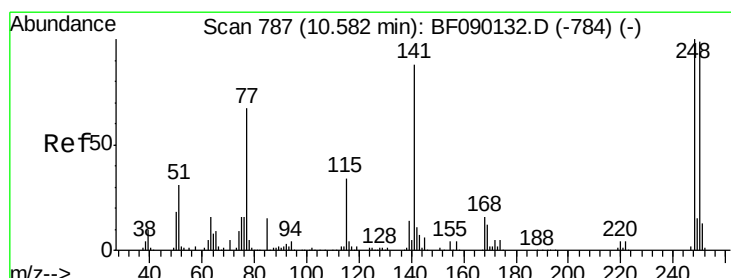
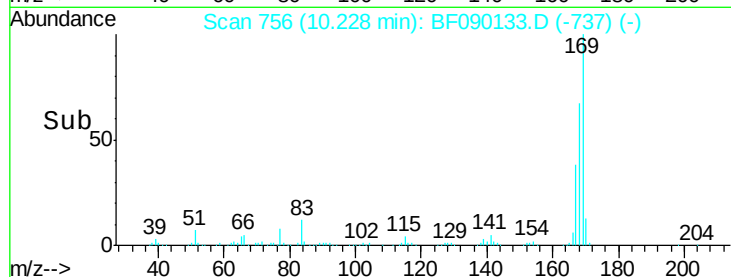
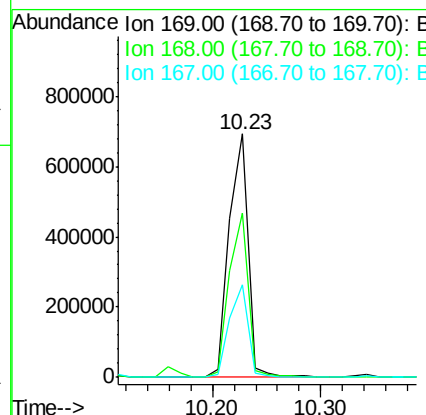
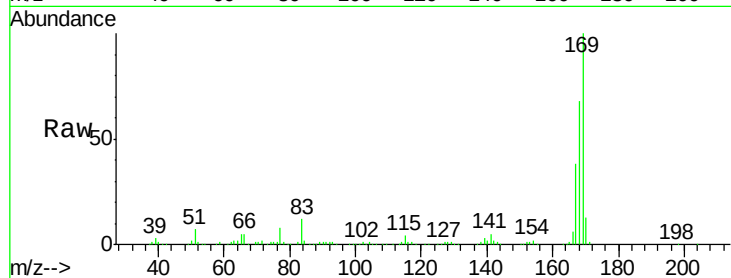




#65
 n-Nitrosodiphenylamine
 Concen: 47.18 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

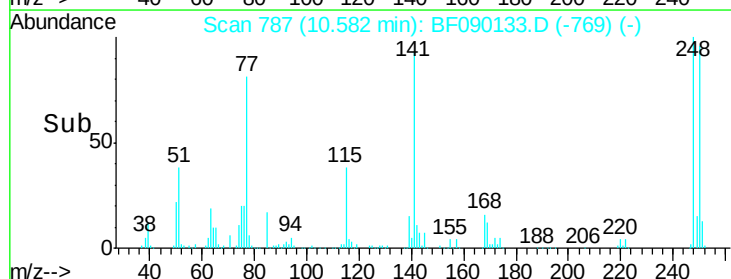
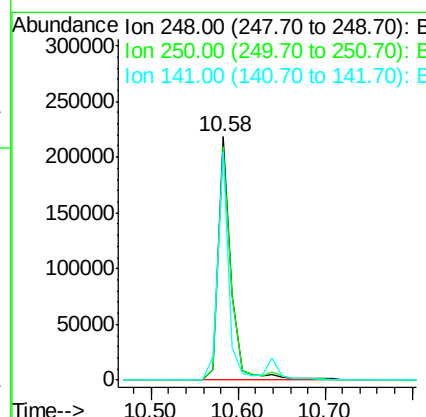
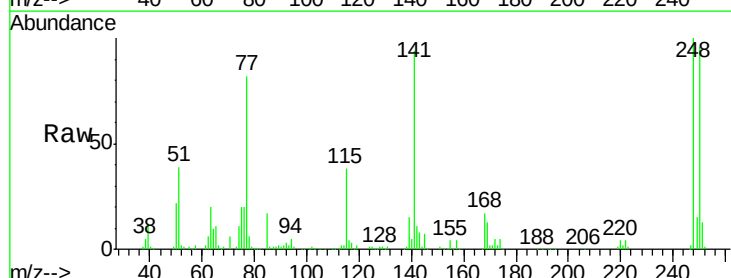
Instrument :
 BNA_F
 ClientSampled :

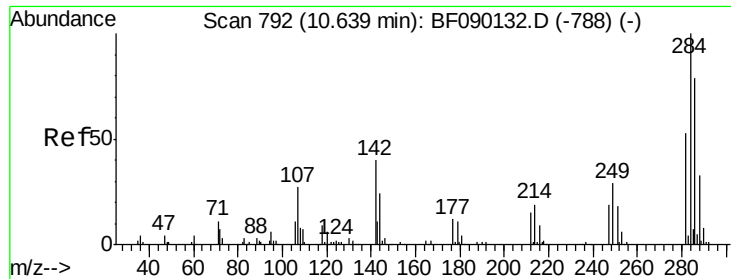
Tot Ion:169 Resp: 844407
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.2 81.4
 167 37.9 30.3 45.5



#66
 4-Bromophenyl-phenylether
 Concen: 42.22 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:248 Resp: 229892
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 94.0 49.3 73.9#

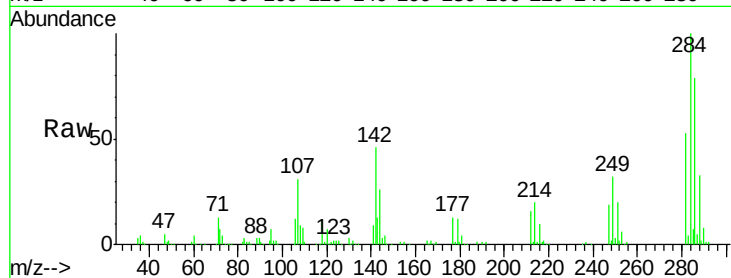




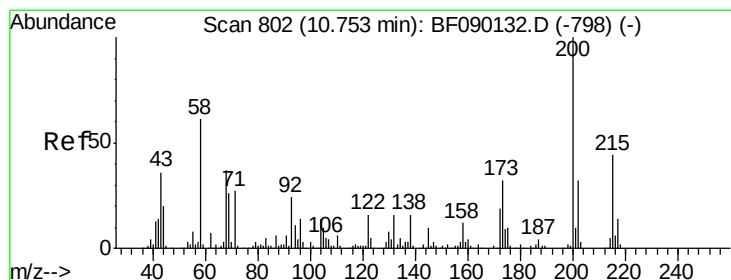
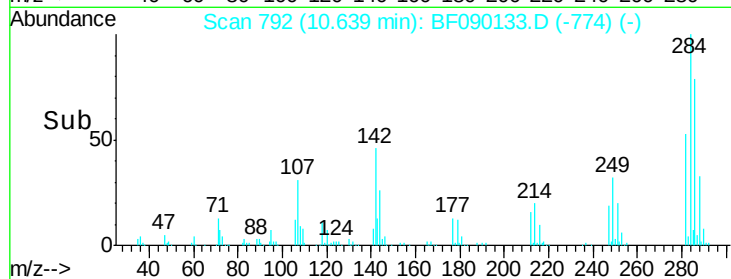
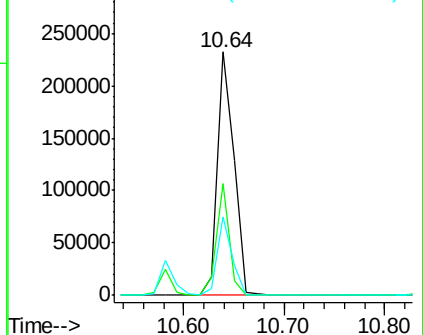
#67
Hexachlorobenzene
Concen: 41.16 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	45.8	24.0	36.0#
249	32.1	23.8	35.6

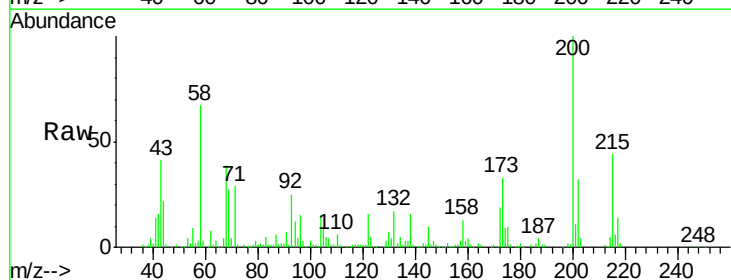


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

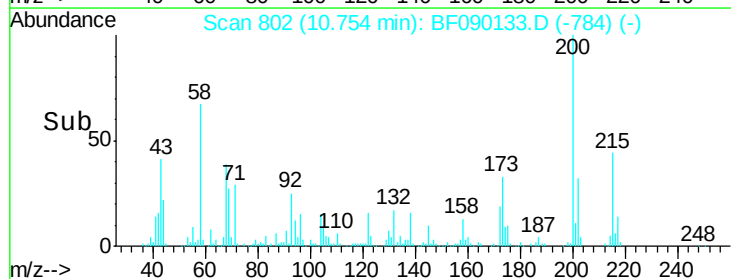
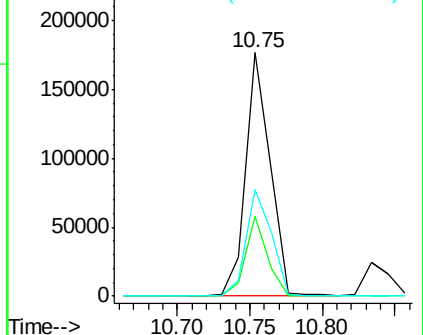


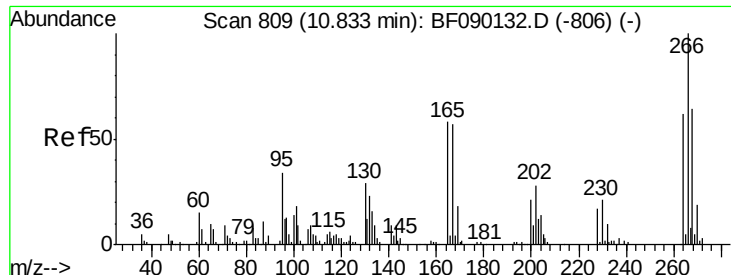
#68
Atrazine
Concen: 38.65 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	32.7	9.3	49.3
215	44.0	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

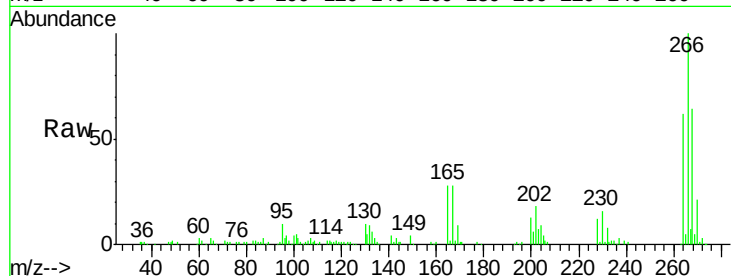




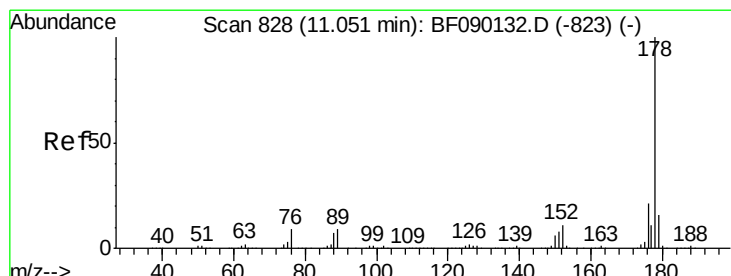
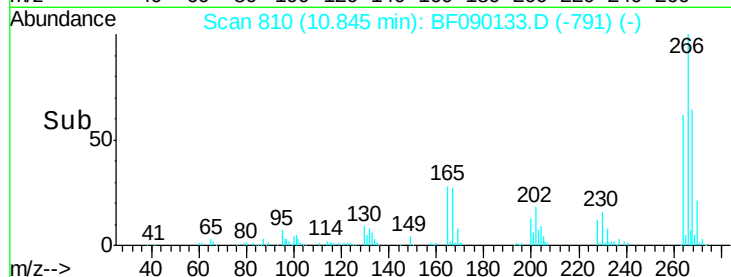
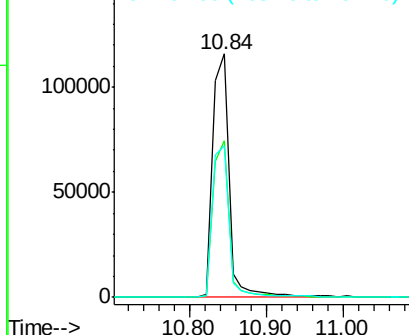
#69
 Pentachlorophenol
 Concen: 45.82 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 172232
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.1 78.1
 264 62.0 50.3 75.5

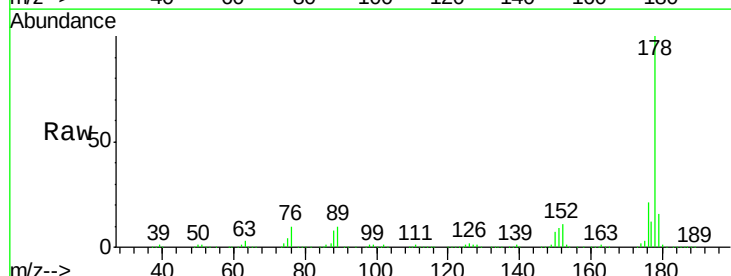


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

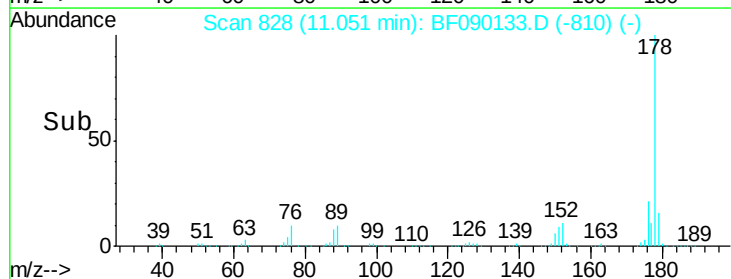
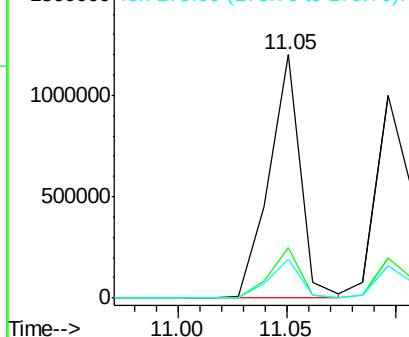


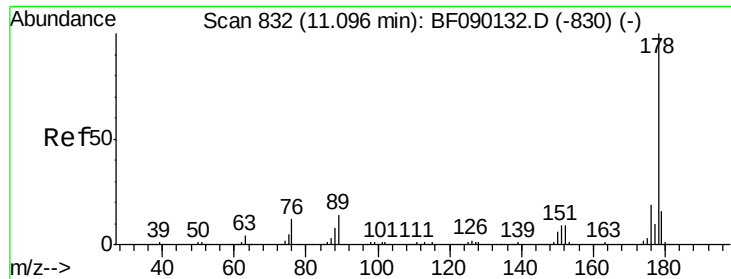
#70
 Phenanthrene
 Concen: 44.17 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:178 Resp: 1205541
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.9 23.9
 179 16.0 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

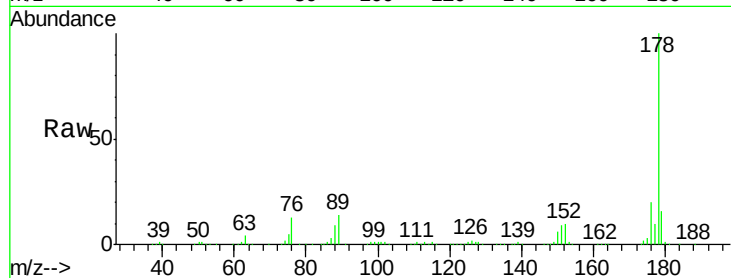




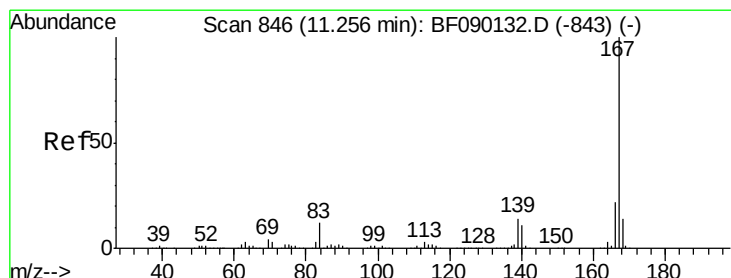
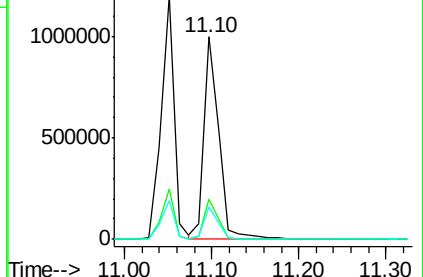
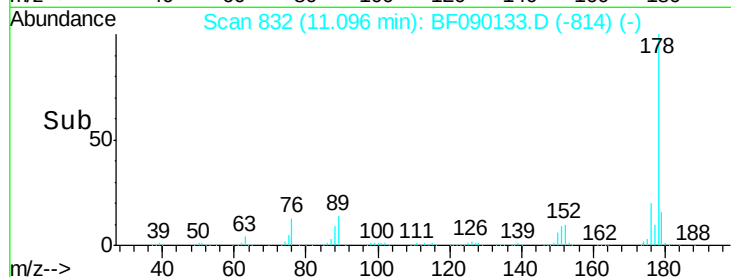
#71
 Anthracene
 Concen: 39.37 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1173420
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 16.2 12.6 19.0

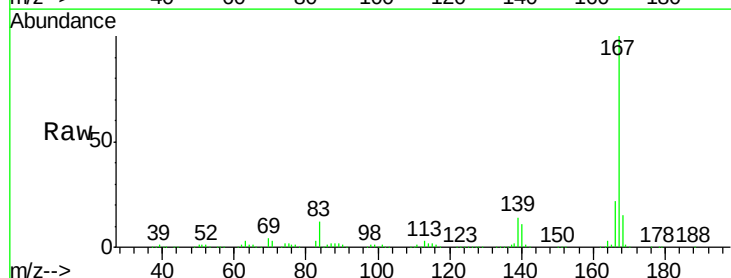


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

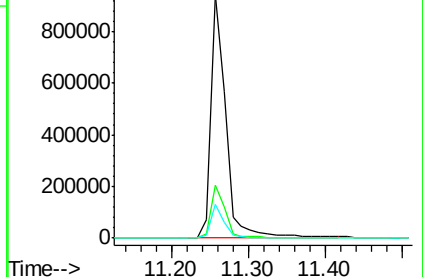
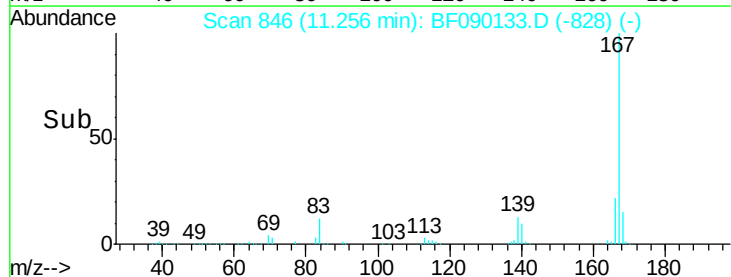


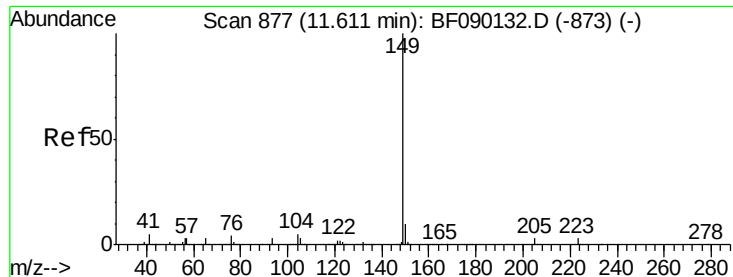
#72
 Carbazole
 Concen: 41.26 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion:167 Resp: 1261400
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.0 27.0
 139 14.1 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: 43.48 ng

RT: 11.61 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

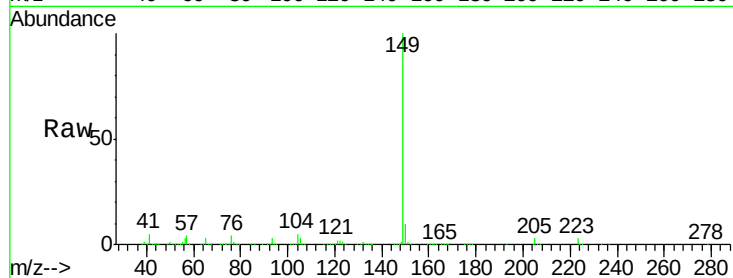
Tot Ion:149 Resp: 1490727

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.8

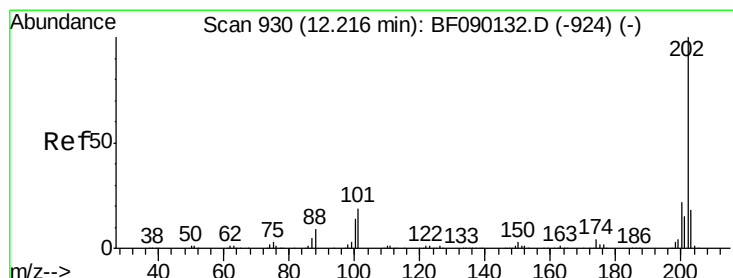
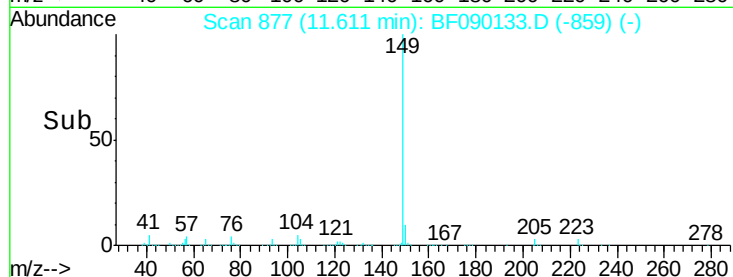
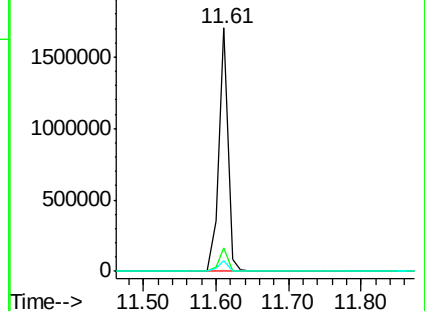
104 4.6 3.9 5.9



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: 44.08 ng

RT: 12.23 min Scan# 931

Delta R.T. 0.01 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

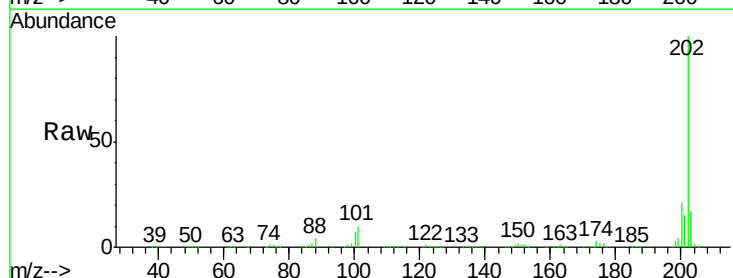
Tgt Ion:202 Resp: 1260563

Ion Ratio Lower Upper

202 100

101 9.7 0.0 36.1

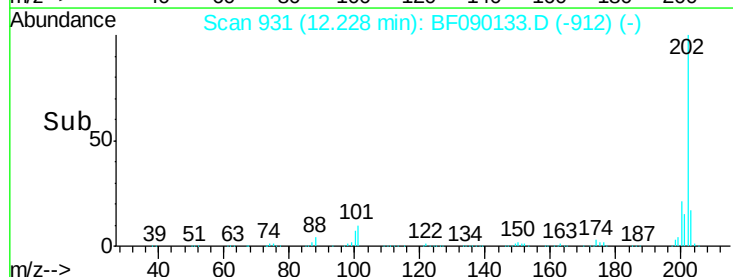
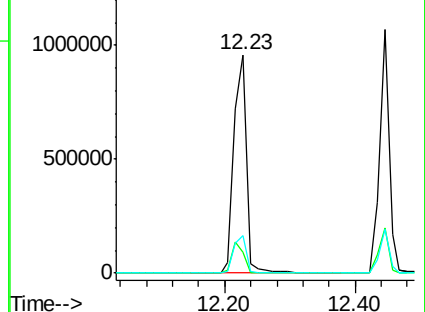
203 17.4 0.0 38.2

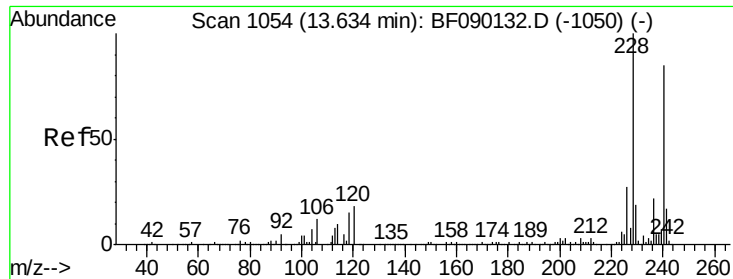


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

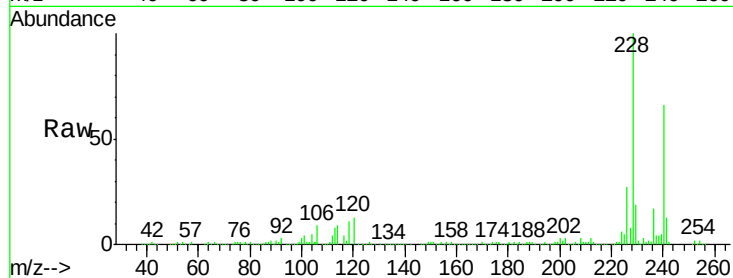
Tot Ion:240 Resp: 363748

Ion Ratio Lower Upper

240 100

120 20.0 10.6 16.0#

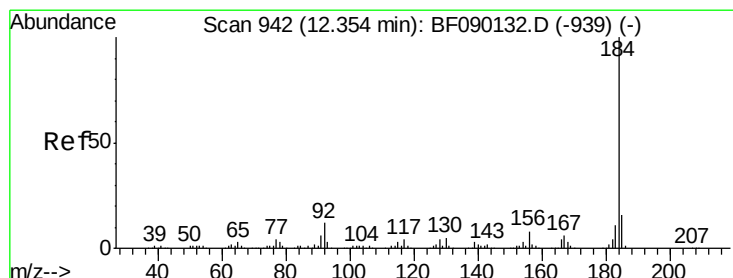
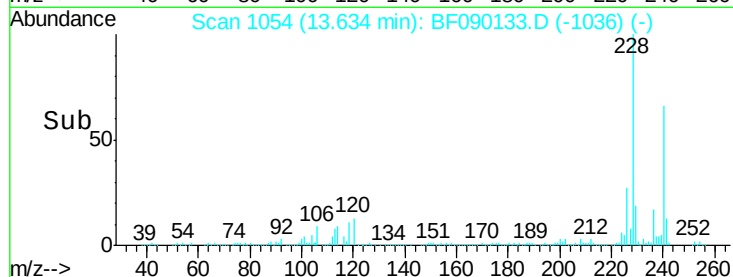
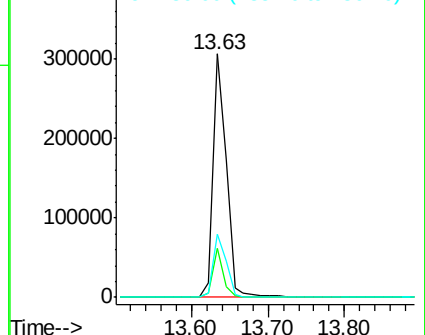
236 26.1 21.6 32.4



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: 39.94 ng

RT: 12.35 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

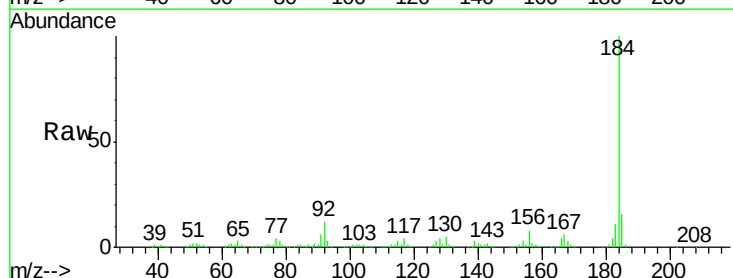
Tgt Ion:184 Resp: 592557

Ion Ratio Lower Upper

184 100

185 16.3 13.2 19.8

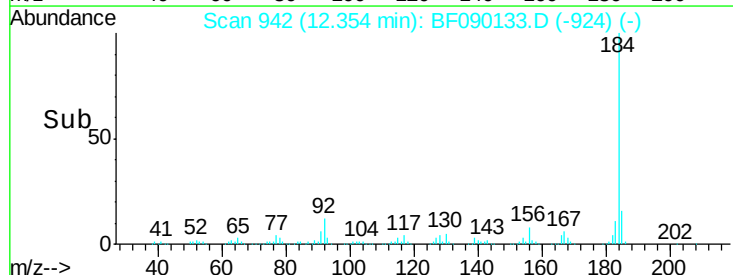
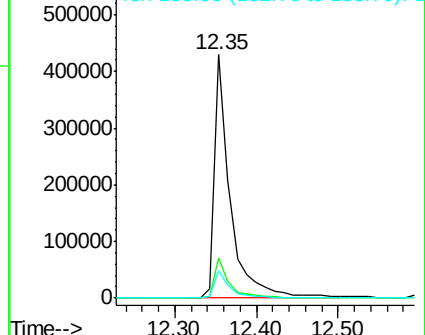
183 11.4 9.2 13.8

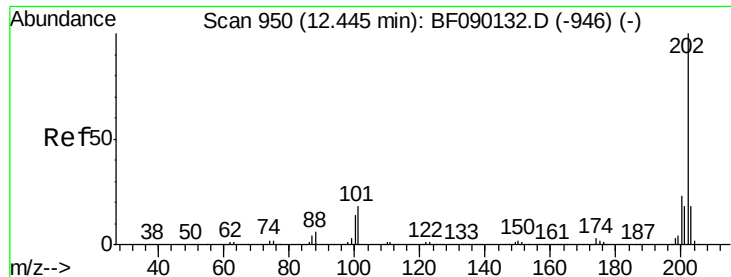


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

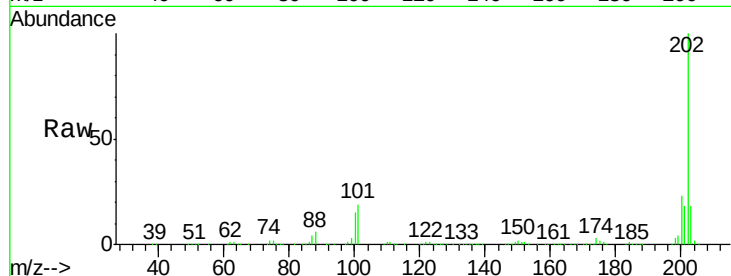




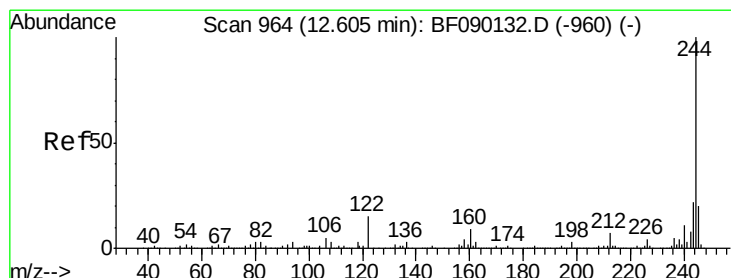
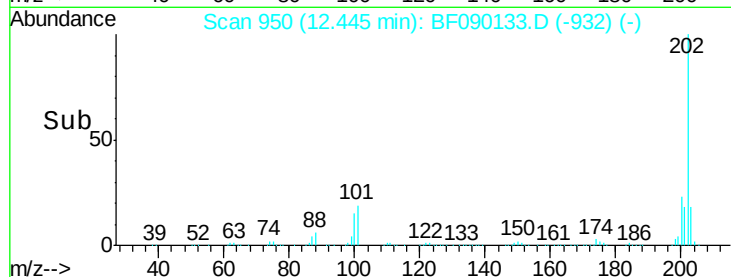
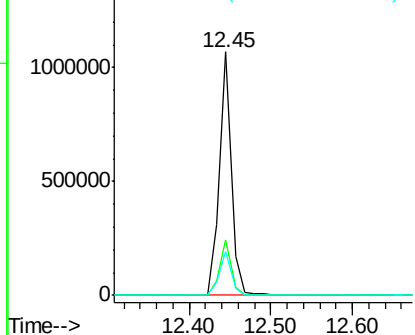
#77
Pvrene
Concen: 41.12 ng
RT: 12.45 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1091616
Ion Ratio Lower Upper
202 100
200 22.6 17.9 26.9
203 17.9 14.2 21.4

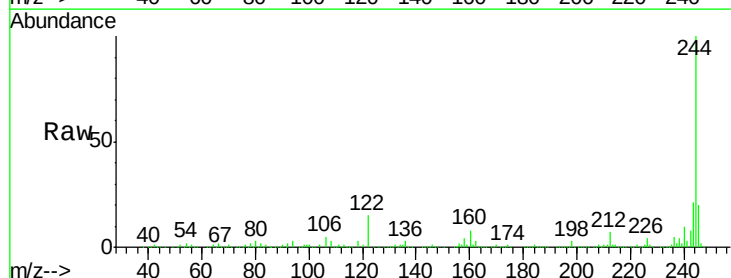


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

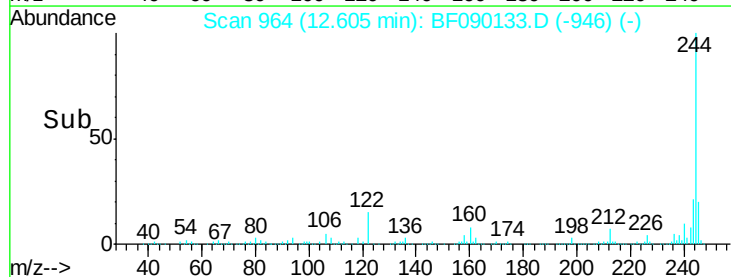
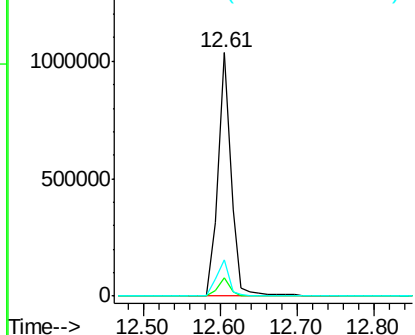


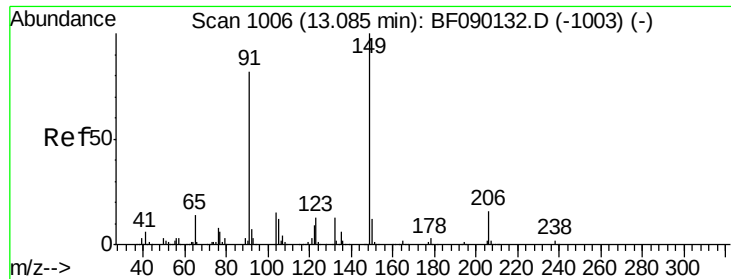
#78
Terphenyl-d14
Concen: 81.81 ng
RT: 12.61 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Tgt Ion:244 Resp: 1253048
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 15.0 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: 41.93 ng

RT: 13.09 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

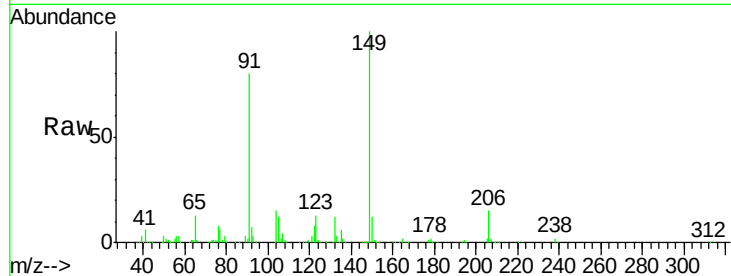
Tot Ion:149 Resp: 554337

Ion Ratio Lower Upper

149 100

91 80.4 49.8 74.6#

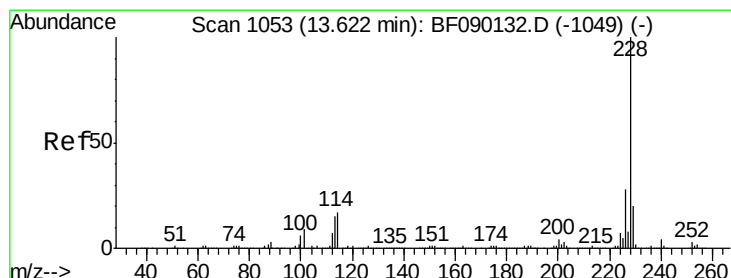
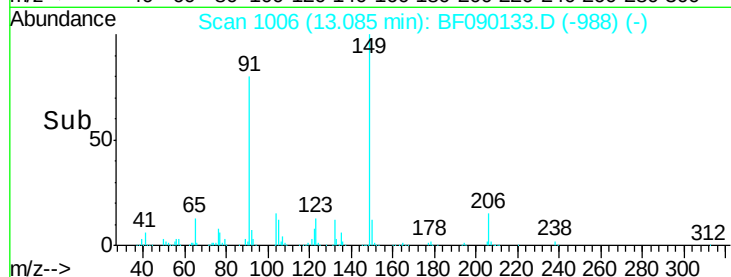
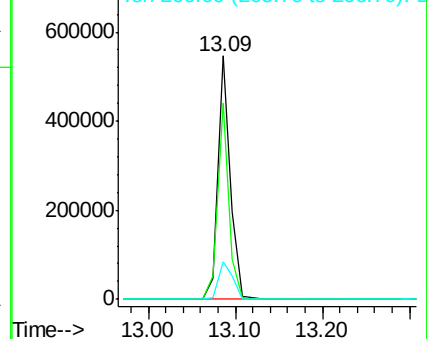
206 15.5 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.33 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

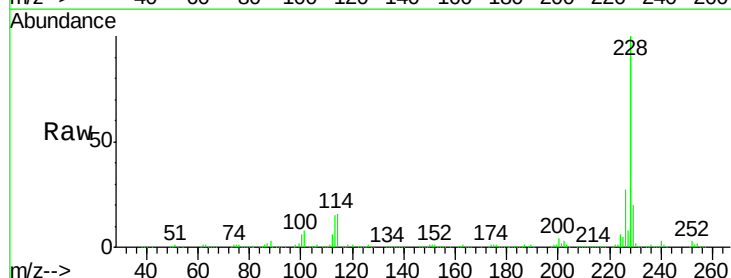
Tgt Ion:228 Resp: 941358

Ion Ratio Lower Upper

228 100

226 27.2 22.0 33.0

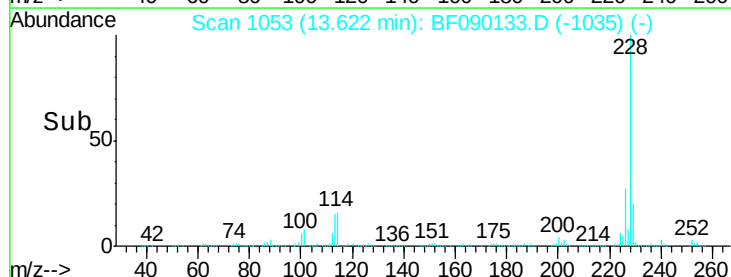
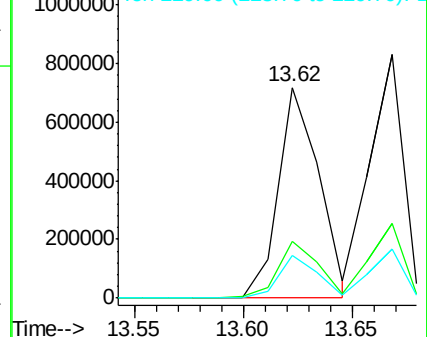
229 20.0 16.2 24.2

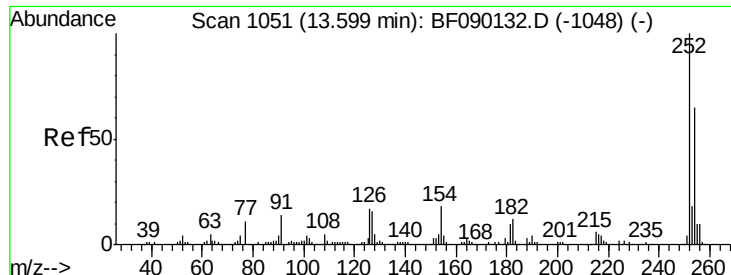


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

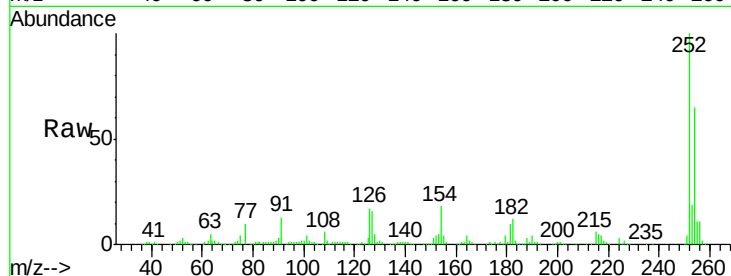




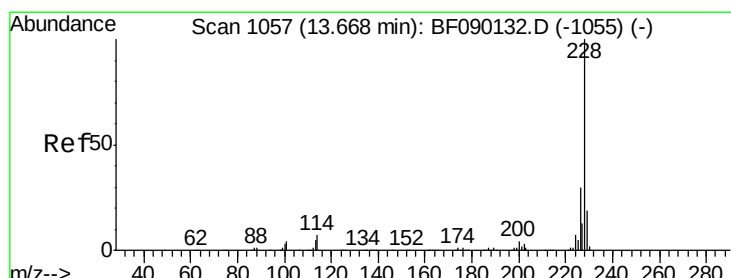
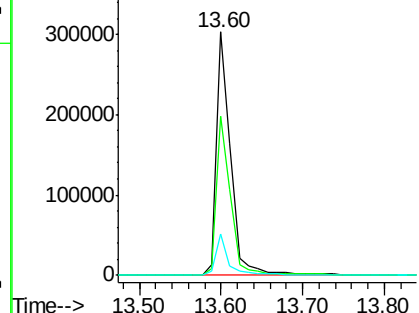
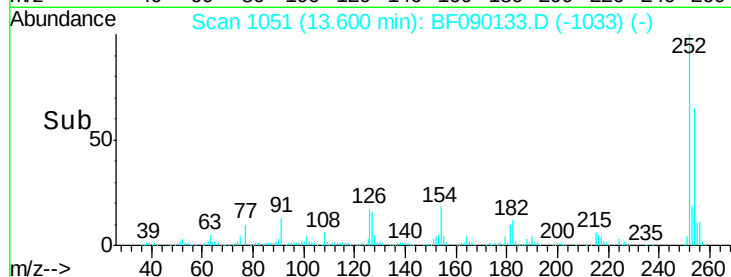
#81
 3,3'-Dichlorobenzidine
 Concen: 41.85 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	16.8	9.2	13.8

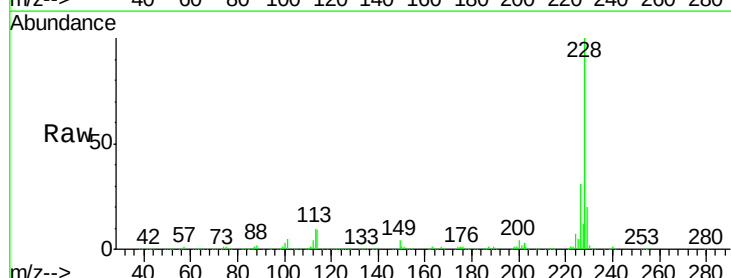


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

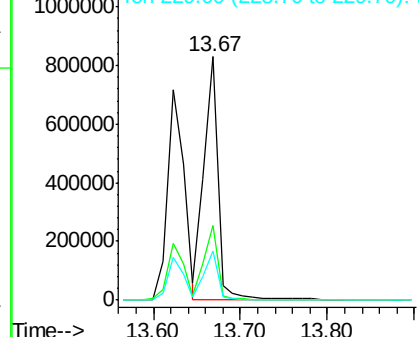
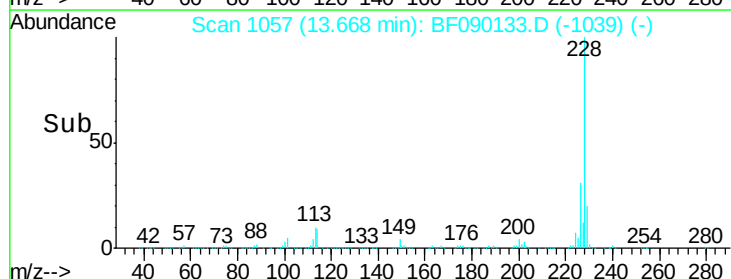


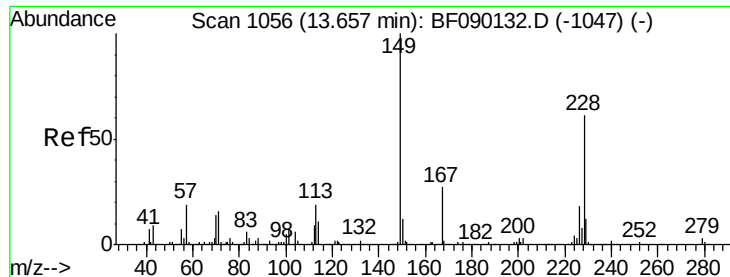
#82
 Chrysene
 Concen: 46.66 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	20.0	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.86 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

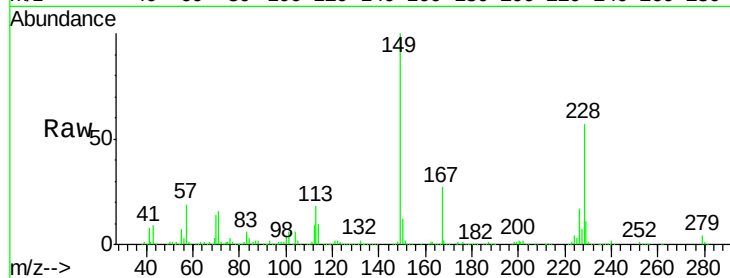
Tot Ion:149 Resp: 749890

Ion Ratio Lower Upper

149 100

167 26.9 21.2 31.8

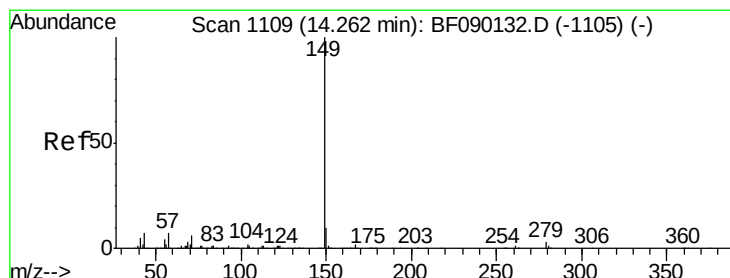
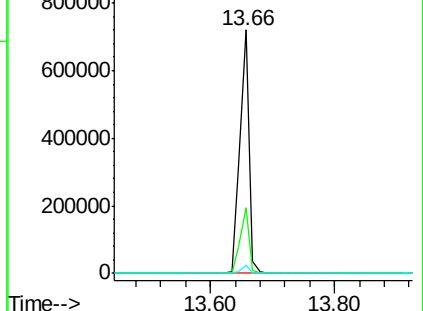
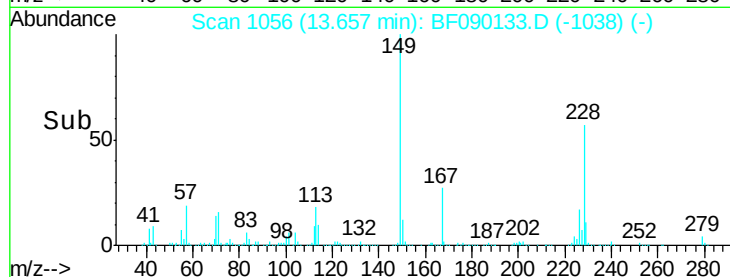
279 3.5 2.2 3.2#



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: 45.36 ng

RT: 14.26 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

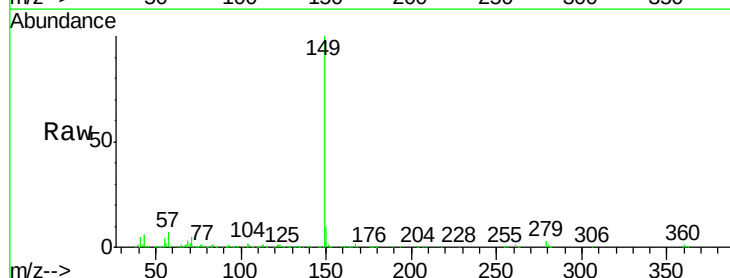
Tgt Ion:149 Resp: 1325815

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

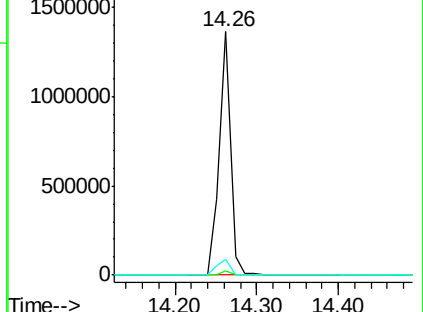
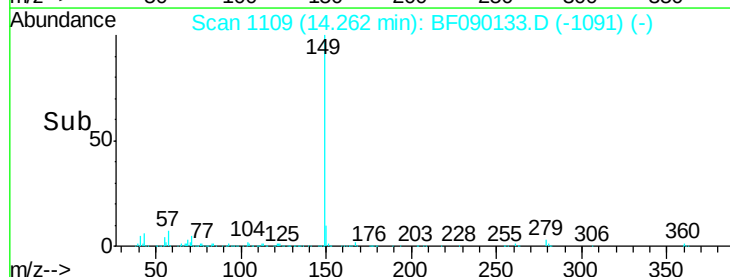
43 7.8 6.8 10.2

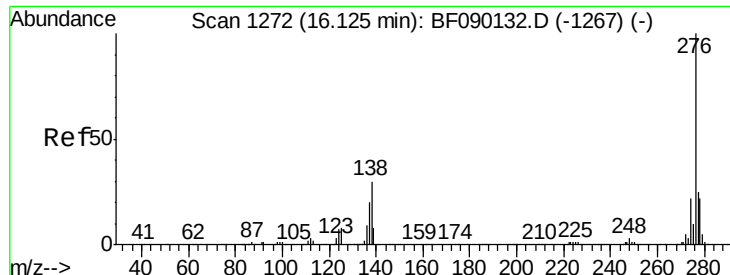


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

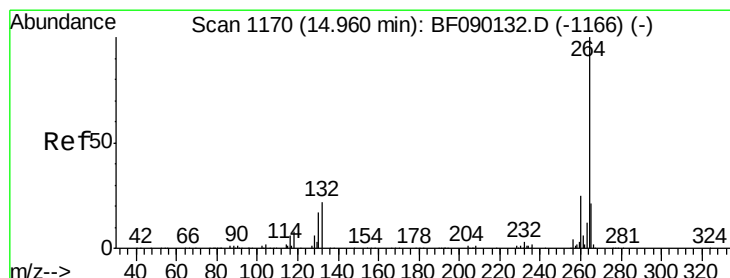
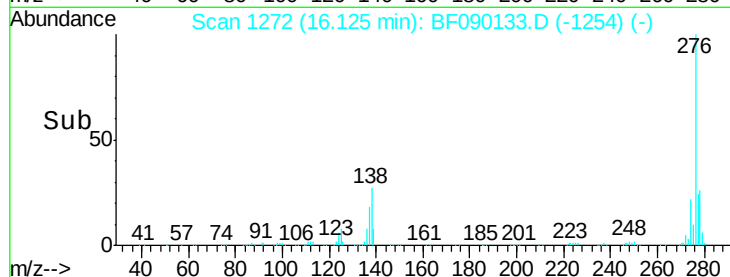
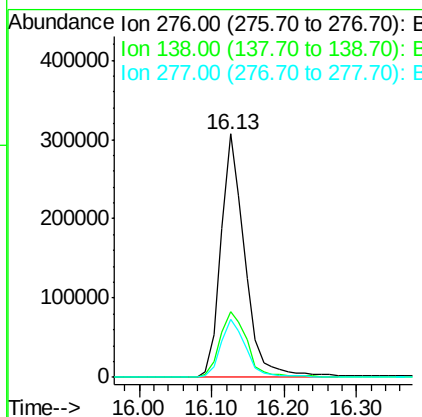
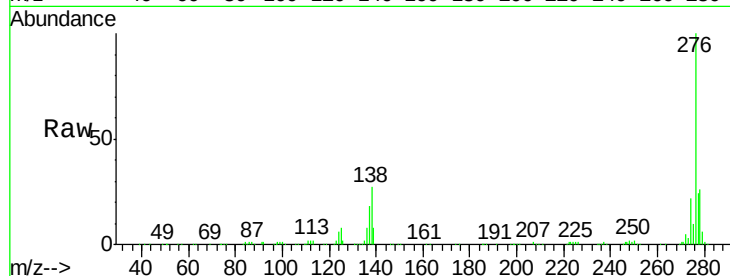




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.99 ng
 RT: 16.13 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

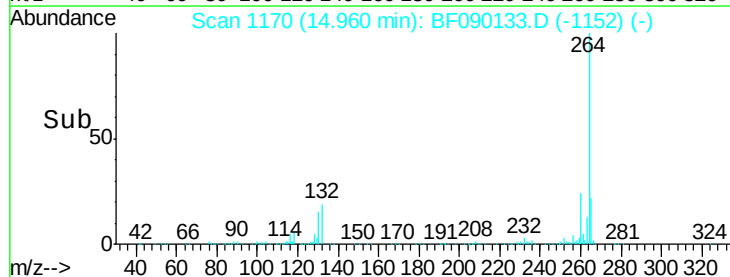
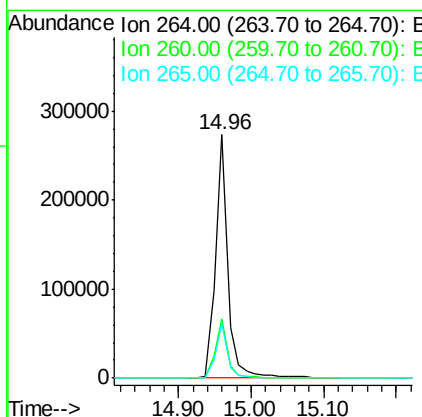
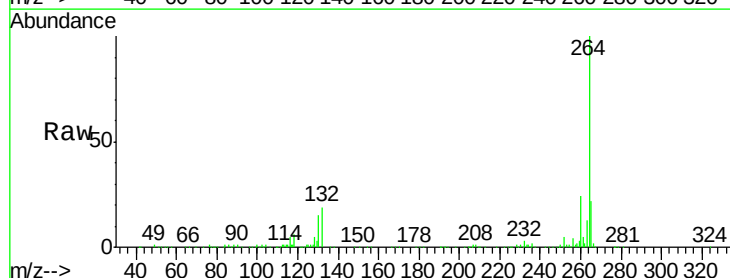
Instrument :
 BNA_F
 ClientSampleId :

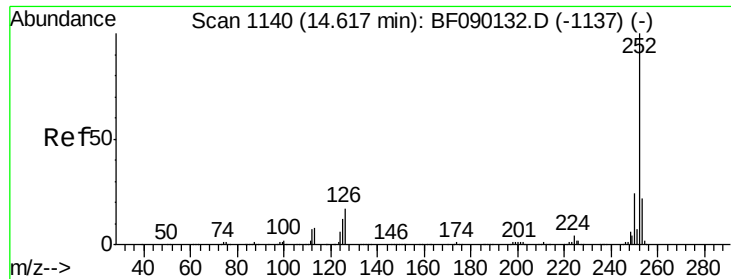
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.7	25.9	38.9
277	25.0	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.5	17.0	25.4

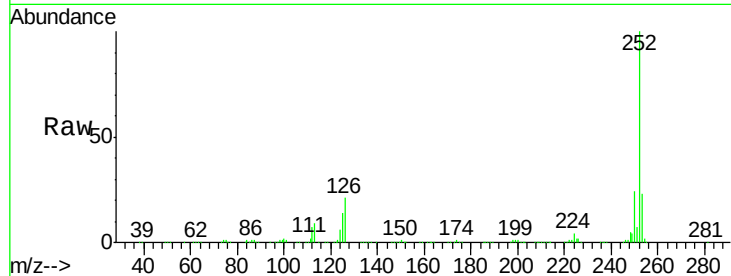




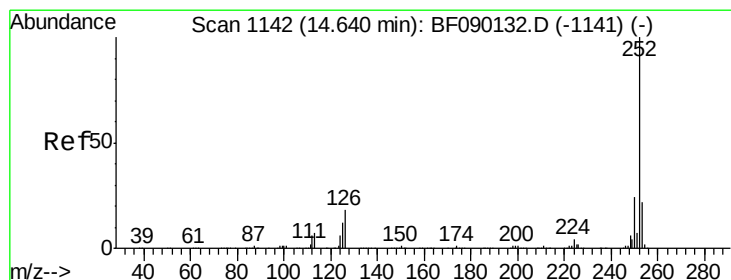
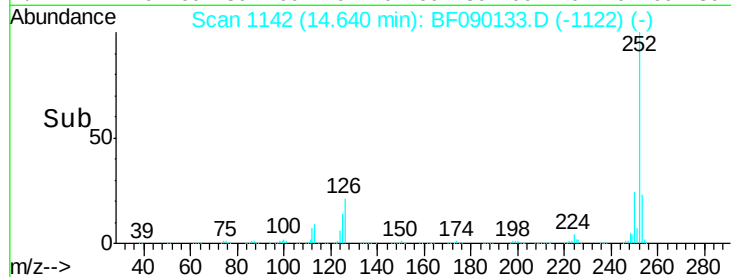
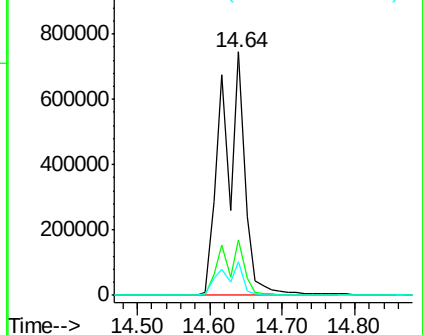
#87
Benzo(b)fluoranthene
Concen: 85.32 ng
RT: 14.64 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1623394
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.8 12.7 19.1

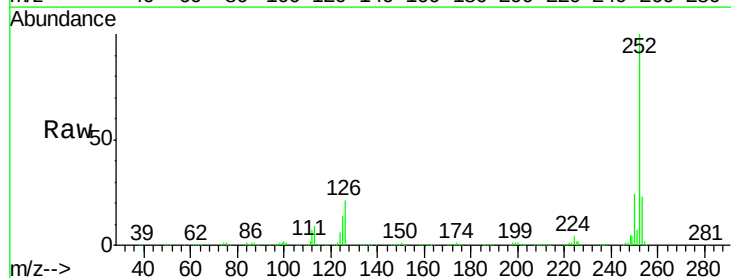


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

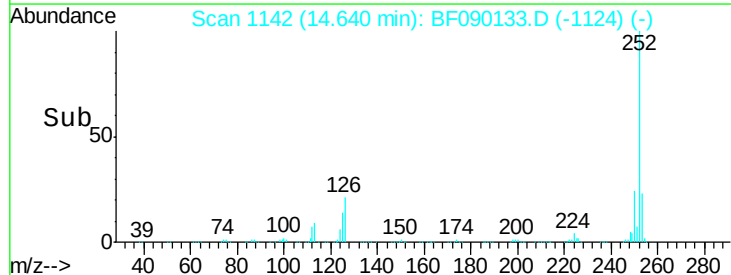
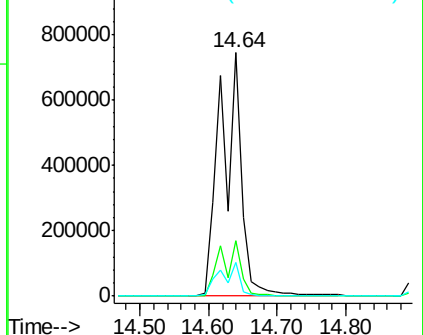


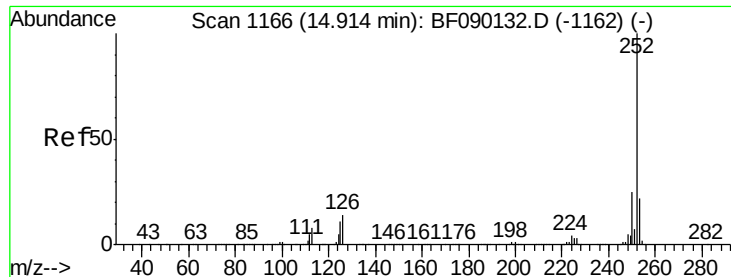
#88
Benzo(k)fluoranthene
Concen: 94.92 ng
RT: 14.64 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF090133.D
Acq: 20 Sep 2016 12:35

Tgt Ion:252 Resp: 1625874
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 13.8 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: 45.71 ng

RT: 14.91 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

Instrument :

BNA_F

ClientSampleId :

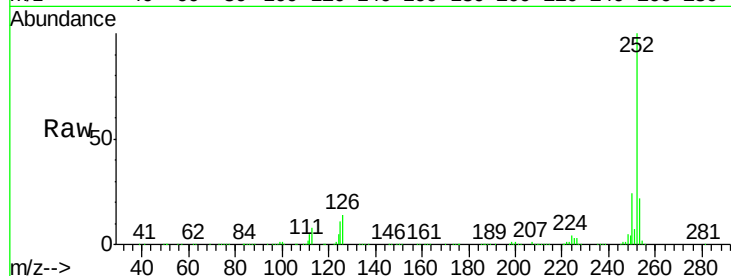
Tot Ion:252 Resp: 779977

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

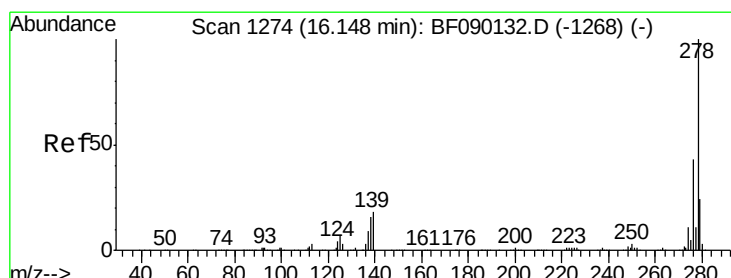
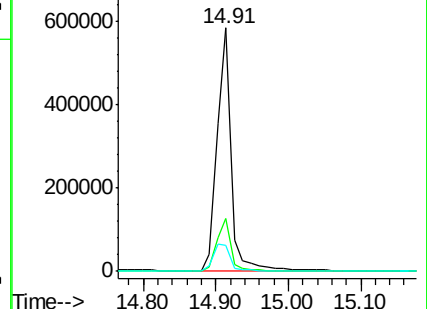
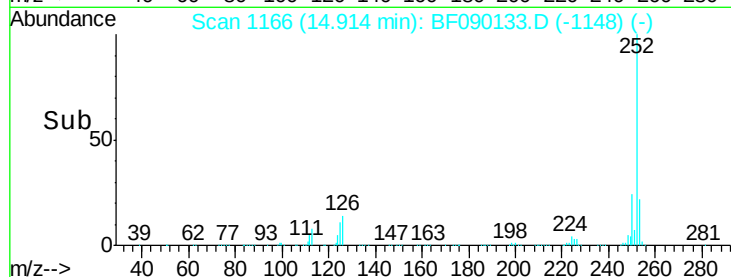
125 10.7 7.7 11.5



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: 44.79 ng

RT: 16.15 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF090133.D

Acq: 20 Sep 2016 12:35

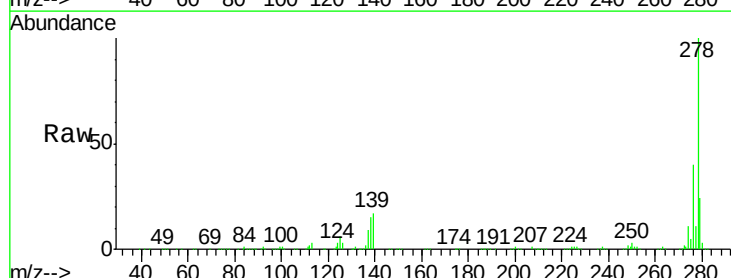
Tgt Ion:278 Resp: 598422

Ion Ratio Lower Upper

278 100

139 17.2 14.6 21.8

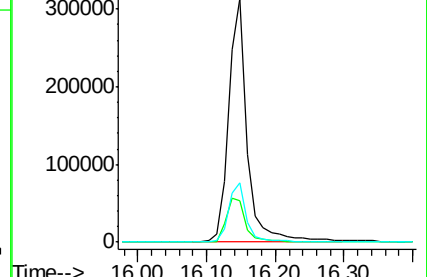
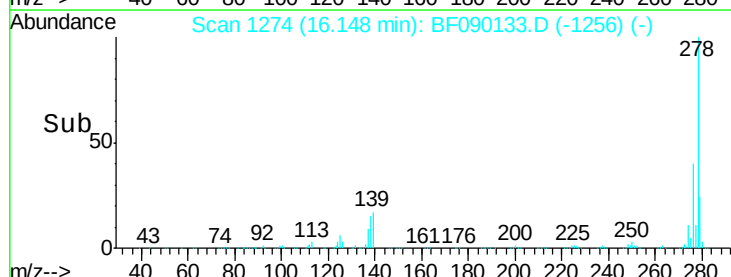
279 24.2 18.8 28.2

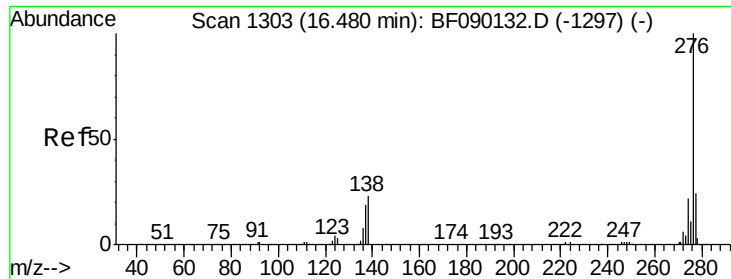


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

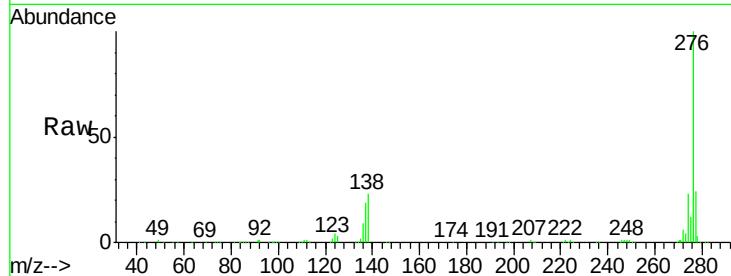




#91
 Benzo(a,h,i)perylene
 Concen: 45.54 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF090133.D
 Acq: 20 Sep 2016 12:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	580745
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	23.4	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

