

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100416\
 Data File : BF090335.D
 Acq On : 4 Oct 2016 11:06
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 04 12:55:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 12:47:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	291158	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1179684	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	610518	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	870557	20.00	ng	0.00
75) Chrysene-d12	14.19	240	723523	20.00	ng	0.00
86) Perylene-d12	15.70	264	593935	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	381539	21.36	ng	-0.01
7) Phenol-d6	6.62	99	515520	23.37	ng	-0.01
23) Nitrobenzene-d5	7.56	82	407668	20.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	100872	19.26	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	769609	24.75	ng	-0.01
78) Terphenyl-d14	13.13	244	602851	21.15	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	90220	9.31	ng	# 86
3) Pyridine	3.48	79	242123	11.52	ng	# 80
4) n-Nitrosodimethylamine	3.40	42	81388	12.98	ng	# 52
6) Aniline	6.66	93	338387	12.31	ng	97
8) 2-Chlorophenol	6.79	128	223976	10.90	ng	94
9) Benzaldehyde	6.55	77	108818	11.32	ng	92
10) Phenol	6.63	94	297009	11.39	ng	91
11) bis(2-Chloroethyl)ether	6.73	93	197884	9.73	ng	91
12) 1,3-Dichlorobenzene	7.03	146	237800	11.08	ng	98
13) 1,4-Dichlorobenzene	7.03	146	237800	10.85	ng	96
14) 1,2-Dichlorobenzene	7.18	146	205642	10.53	ng	97
15) Benzyl Alcohol	7.14	79	172086	13.08	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	325768	13.41	ng	96
17) 2-Methylphenol	7.24	107	160436	9.91	ng	99
18) Hexachloroethane	7.53	117	79638	10.18	ng	# 90
19) n-Nitroso-di-n-propylamine	7.42	70	152357	11.76	ng	# 77
20) 3+4-Methylphenols	7.40	107	220211	11.33	ng	# 87
22) Acetophenone	7.42	105	280116	9.85	ng	# 83
24) Nitrobenzene	7.59	77	216650	10.22	ng	91
25) Isophorone	7.83	82	408480	9.61	ng	96
26) 2-Nitrophenol	7.91	139	67009	6.42	ng	92
27) 2,4-Dimethylphenol	7.94	122	188685	10.17	ng	93
28) bis(2-Chloroethoxy)methane	8.03	93	229851	8.94	ng	# 95
29) 2,4-Dichlorophenol	8.15	162	156260	9.60	ng	99
30) 1,2,4-Trichlorobenzene	8.24	180	181415	11.16	ng	97
31) Naphthalene	8.32	128	638492	11.37	ng	97
32) Benzoic acid	8.00	122	66852	5.25	ng	99
33) 4-Chloroaniline	8.36	127	229521	9.85	ng	# 85
34) Hexachlorobutadiene	8.44	225	99278	11.58	ng	99
35) Caprolactam	8.68	113	39254	7.29	ng	92
36) 4-Chloro-3-methylphenol	8.83	107	168281	9.15	ng	87
37) 2-Methylnaphthalene	9.00	142	347402	9.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	175572	12.53	ng	98
40) Hexachlorocyclopentadiene	9.16	237	75431	10.91	ng	99

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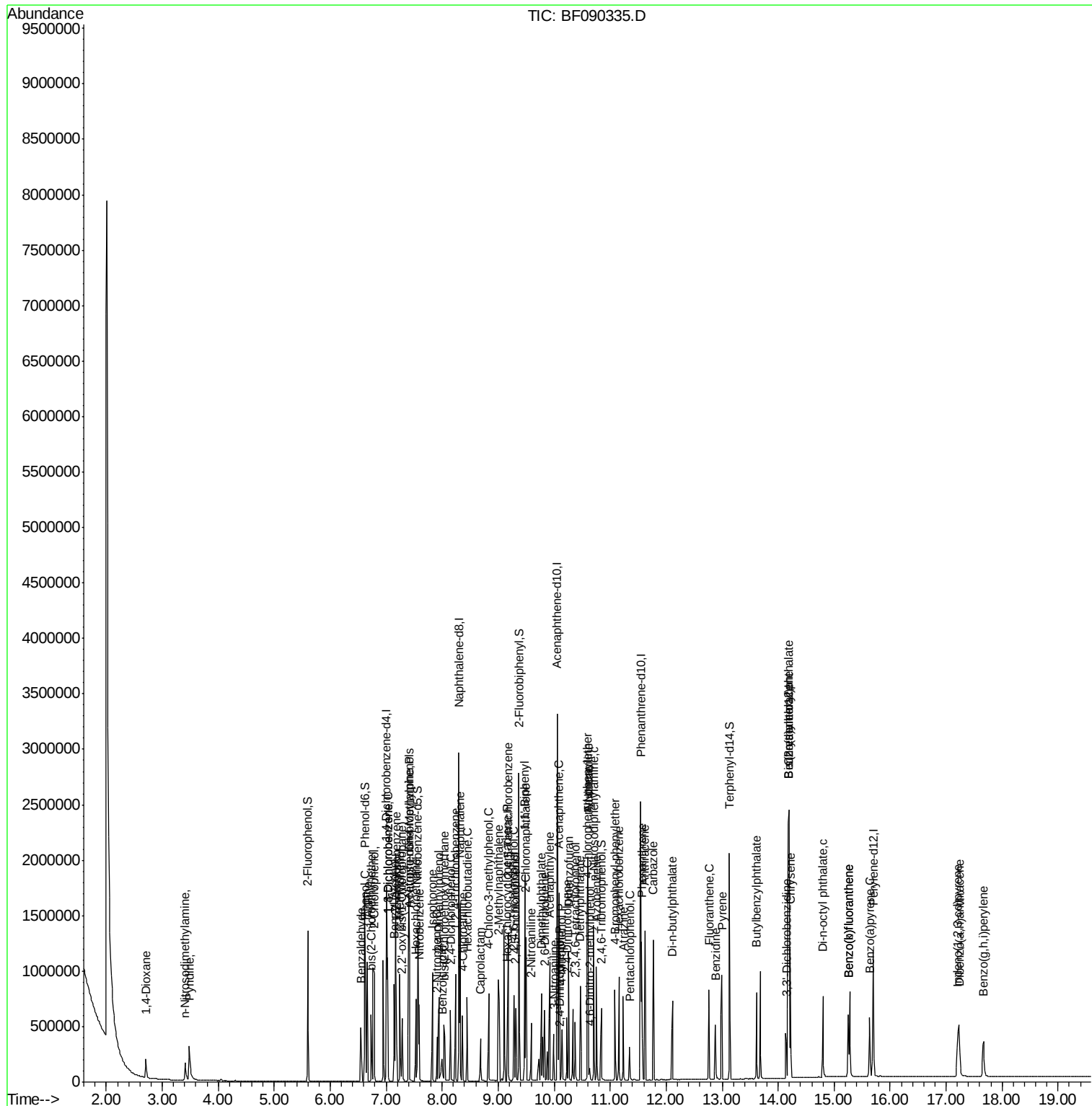
Quant Time: Oct 04 12:55:34 2016
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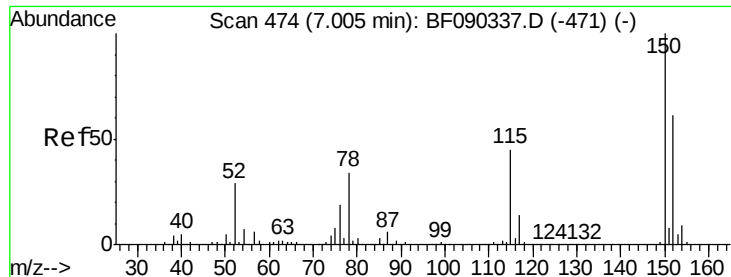
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	98588	9.87	nq	96
43) 2,4,5-Trichlorophenol	9.31	196	99885	9.66	nq	93
45) 1,1'-Biphenyl	9.47	154	505377	11.57	nq	95
46) 2-Chloronaphthalene	9.50	162	342472	10.63	nq	96
47) 2-Nitroaniline	9.59	65	79284	8.16	nq	87
48) Acenaphthylene	9.92	152	543176	10.38	nq	96
49) Dimethylphthalate	9.77	163	368552	9.48	nq	98
50) 2,6-Dinitrotoluene	9.83	165	72839	8.40	nq	# 80
51) Acenaphthene	10.09	154	342881	11.04	nq	99
52) 3-Nitroaniline	10.00	138	73191	7.20	nq	# 73
53) 2,4-Dinitrophenol	10.10	184	11593	3.06	nq	# 37
54) Dibenzofuran	10.26	168	454040	11.11	nq	98
55) 4-Nitrophenol	10.14	139	62865	9.03	nq	94
56) 2,4-Dinitrotoluene	10.23	165	82611	8.06	nq	# 51
57) Fluorene	10.60	166	375307	12.18	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	74365	9.61	nq	98
59) Diethylphthalate	10.47	149	326065	8.68	nq	# 89
60) 4-Chlorophenyl-phenylether	10.59	204	155695	11.08	nq	89
61) 4-Nitroaniline	10.60	138	74657	7.21	nq	79
62) Azobenzene	10.75	77	364938	9.34	nq	89
64) 4,6-Dinitro-2-methylphenol	10.64	198	18576	3.41	nq	# 47
65) n-Nitrosodiphenylamine	10.71	169	299952	10.48	nq	100
66) 4-Bromophenyl-phenylether	11.09	248	88366	10.32	nq	# 83
67) Hexachlorobenzene	11.15	284	112133	11.23	nq	# 91
68) Atrazine	11.23	200	72909	9.29	nq	98
69) Pentachlorophenol	11.35	266	49599	8.75	nq	99
70) Phenanthrene	11.57	178	466507	11.46	nq	96
71) Anthracene	11.62	178	501839	11.75	nq	95
72) Carbazole	11.77	167	458344	10.15	nq	95
73) Di-n-butylphthalate	12.11	149	481222	9.17	nq	# 94
74) Fluoranthene	12.77	202	440063	10.07	nq	88
76) Benzidine	12.88	184	186250	7.69	nq	99
77) Pyrene	12.99	202	463180	9.36	nq	96
79) Butylbenzylphthalate	13.61	149	161996	6.69	nq	# 79
80) Benzo(a)anthracene	14.18	228	402323	10.34	nq	98
81) 3,3'-Dichlorobenzidine	14.15	252	121371	7.56	nq	# 99
82) Chrysene	14.22	228	362516	9.56	nq	96
83) Bis(2-ethylhexyl)phthalate	14.18	149	247218	7.98	nq	99
84) Di-n-octyl phthalate	14.80	149	363625	6.81	nq	# 92
85) Indeno(1,2,3-cd)pyrene	17.21	276	332537	10.85	nq	98
87) Benzo(b)fluoranthene	15.26	252	340985	10.37	nq	99
88) Benzo(k)fluoranthene	15.26	252	340985	11.05	nq	# 93
89) Benzo(a)pyrene	15.63	252	304440	9.84	nq	98
90) Dibenzo(a,h)anthracene	17.23	278	280081	11.60	nq	96
91) Benzo(g,h,i)perylene	17.67	276	277500	11.74	nq	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

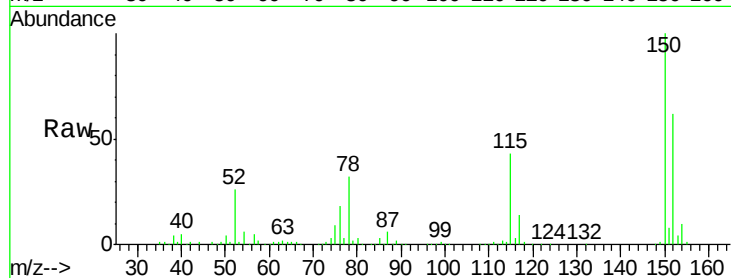
Tot Ion:152 Resp: 291158

Ion Ratio Lower Upper

152 100

150 160.7 124.6 186.8

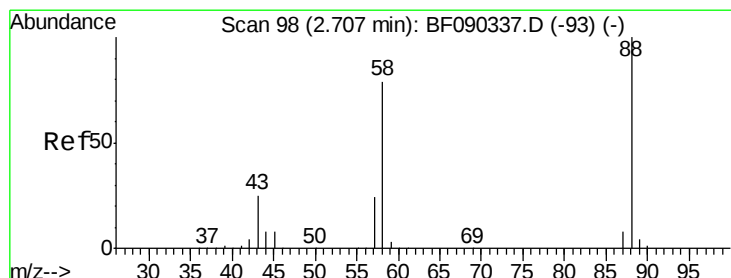
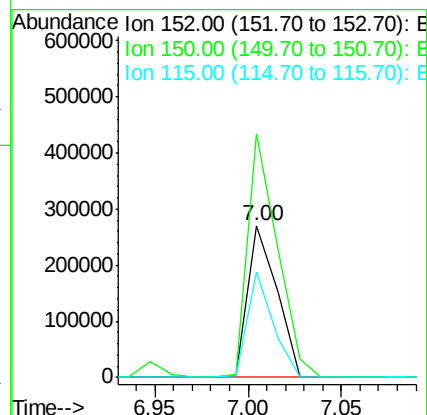
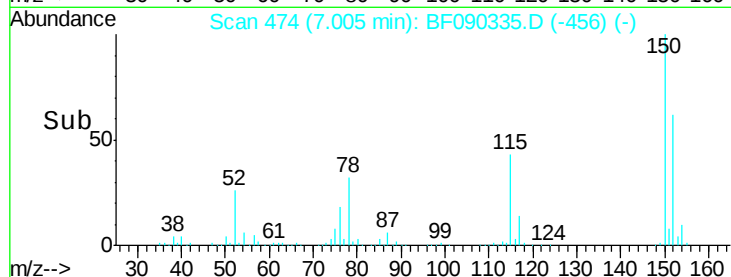
115 69.6 46.2 69.4#



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: 9.31 ng

RT: 2.71 min Scan# 98

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

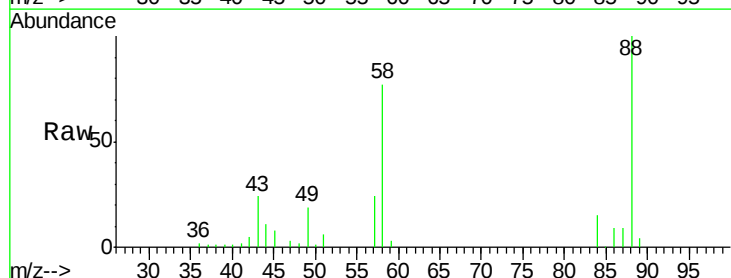
Tgt Ion: 88 Resp: 90220

Ion Ratio Lower Upper

88 100

58 78.3 71.2 106.8

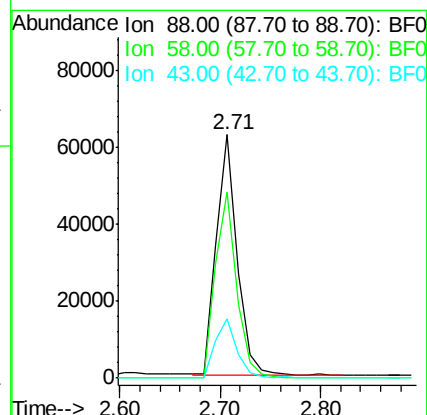
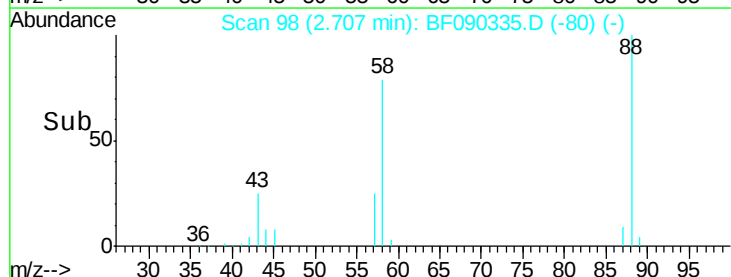
43 25.5 29.8 44.6#

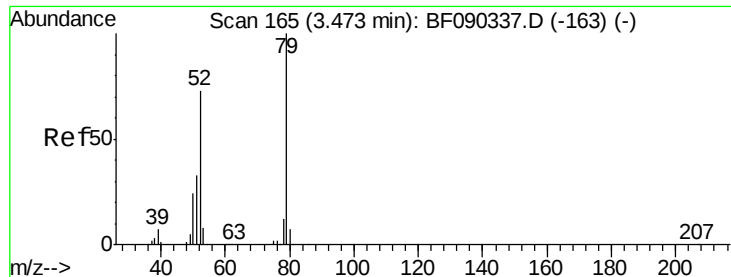


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 11.52 ng

RT: 3.48 min Scan# 166

Delta R.T. 0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

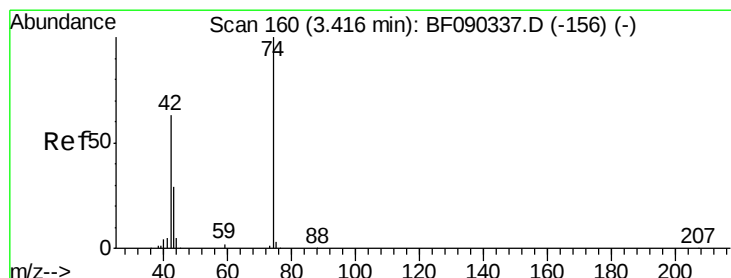
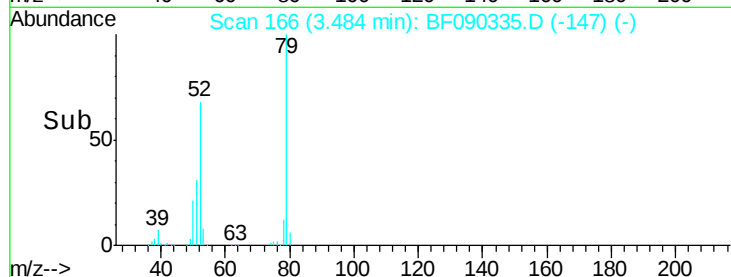
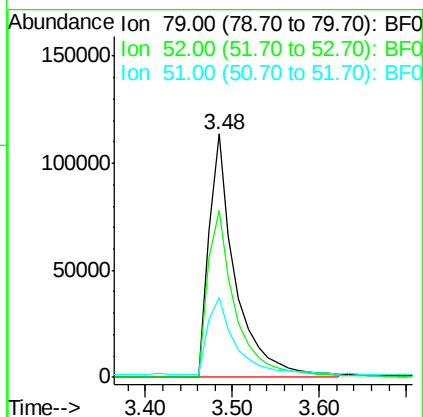
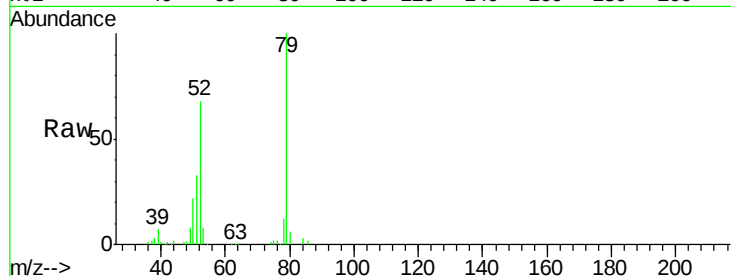
Tot Ion: 79 Resp: 242123

Ion Ratio Lower Upper

79 100

52 68.5 71.3 106.9#

51 32.9 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 12.98 ng

RT: 3.40 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

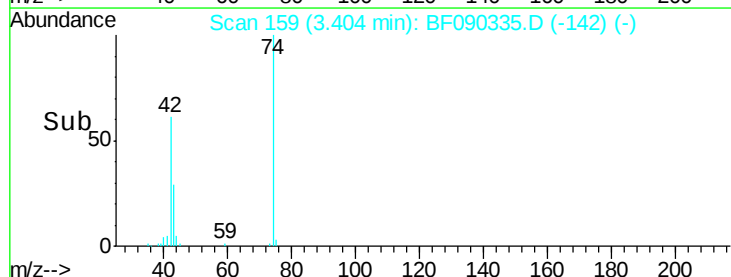
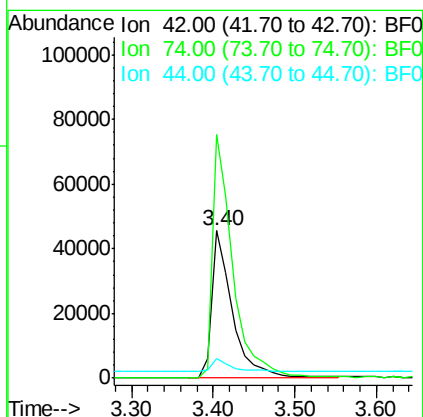
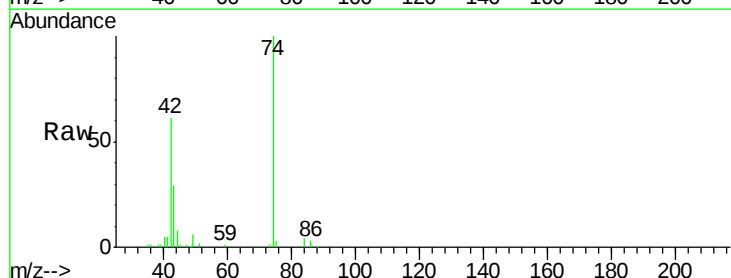
Tgt Ion: 42 Resp: 81388

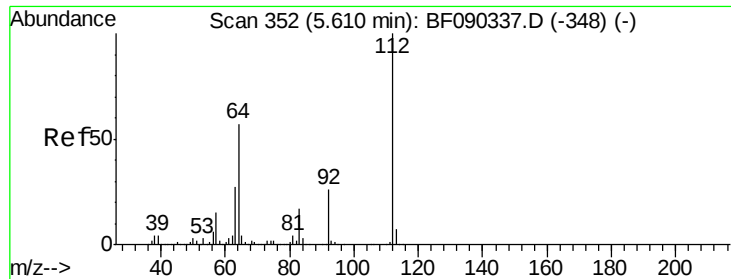
Ion Ratio Lower Upper

42 100

74 165.0 88.9 133.3#

44 13.0 6.5 9.7#





#5

2-Fluorophenol

Concen: 21.36 ng

RT: 5.60 min Scan# 351

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

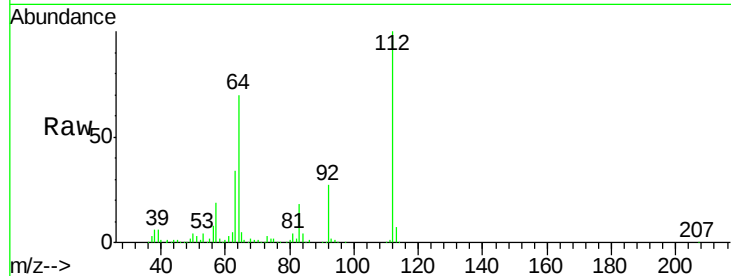
Tot Ion:112 Resp: 381539

Ion Ratio Lower Upper

112 100

64 70.1 57.9 86.9

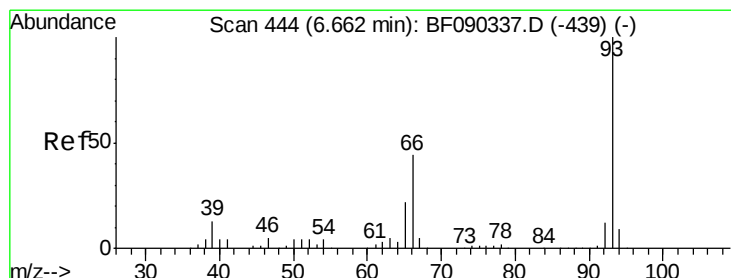
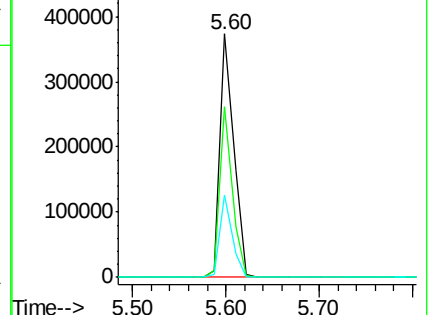
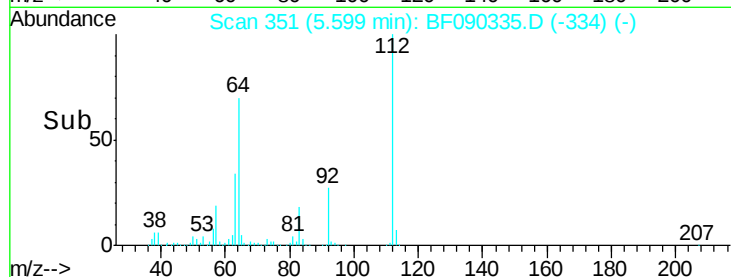
63 33.9 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.31 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

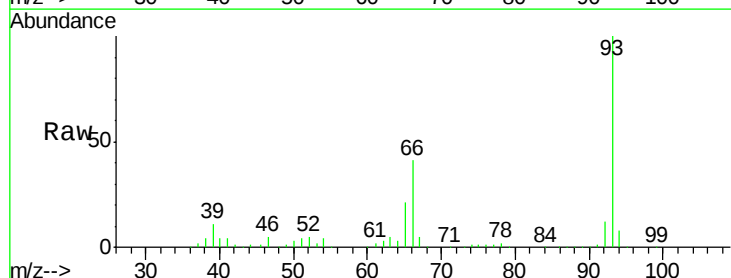
Tgt Ion: 93 Resp: 338387

Ion Ratio Lower Upper

93 100

66 41.1 34.5 51.7

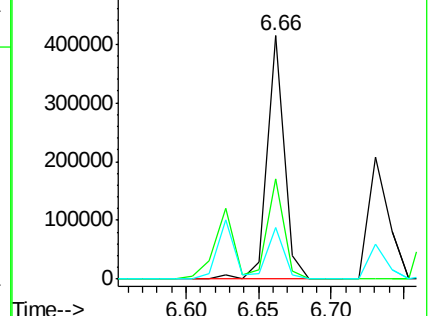
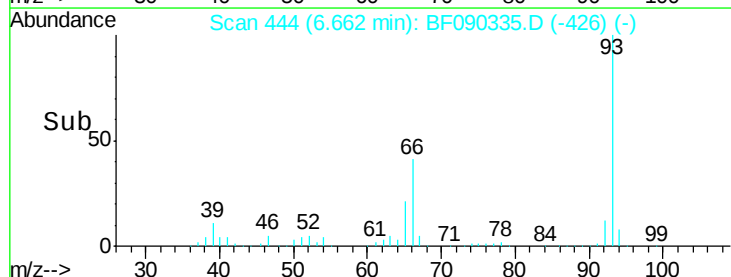
65 21.1 18.2 27.2

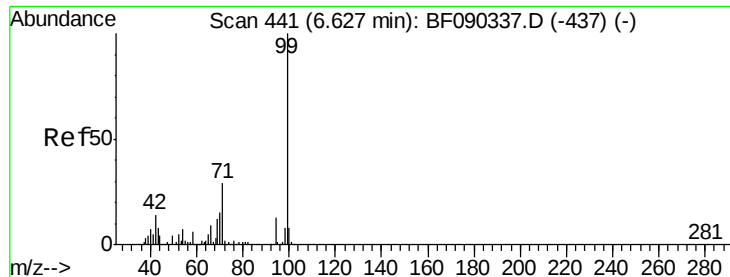


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 23.37 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

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ClientSampleId :

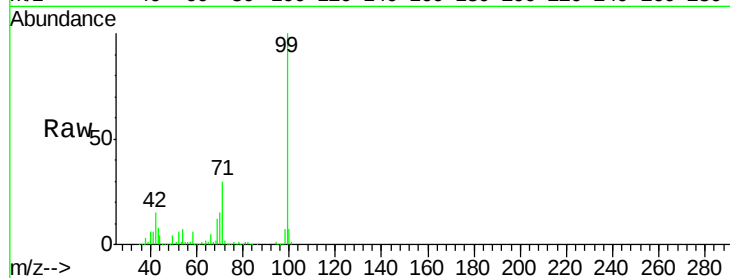
Tot Ion: 99 Resp: 515520

Ion Ratio Lower Upper

99 100

42 15.2 20.0 30.0#

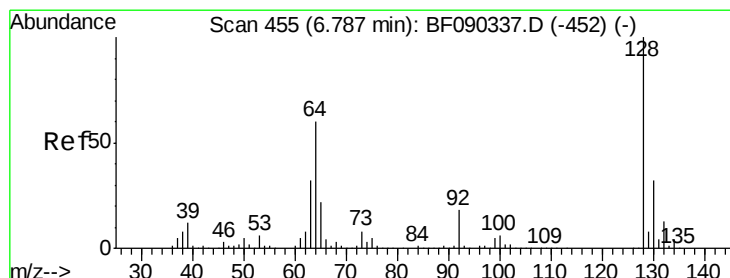
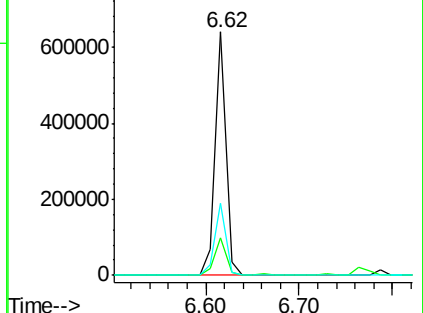
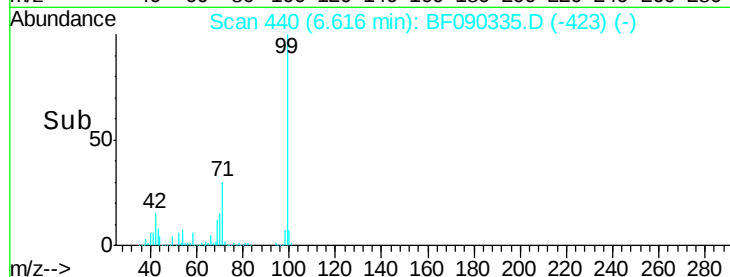
71 29.8 27.9 41.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 10.90 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

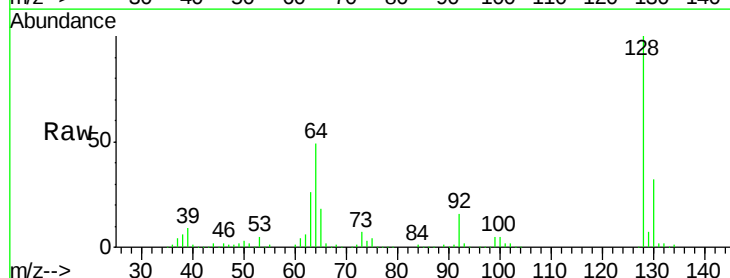
Tgt Ion: 128 Resp: 223976

Ion Ratio Lower Upper

128 100

130 32.4 13.3 53.3

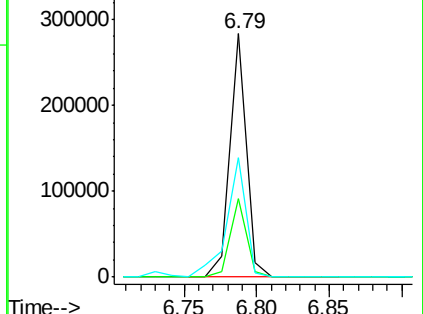
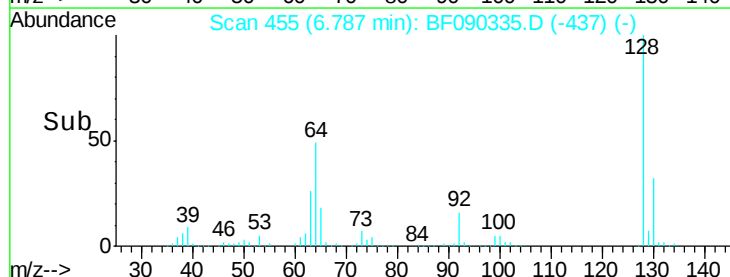
64 49.3 36.0 76.0

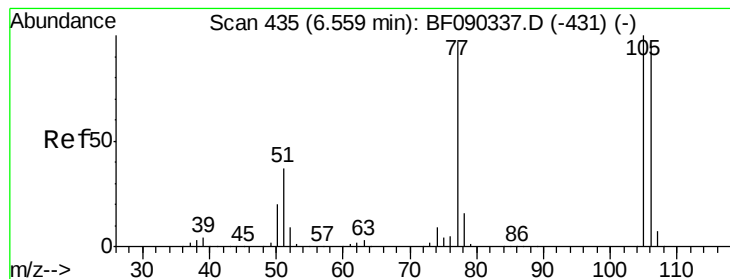


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.32 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampled :

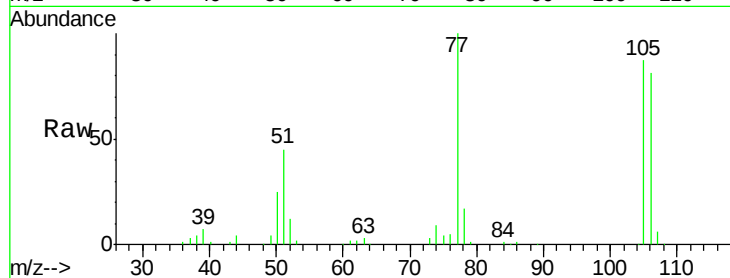
Tot Ion: 77 Resp: 108818

Ion Ratio Lower Upper

77 100

105 86.6 73.1 113.1

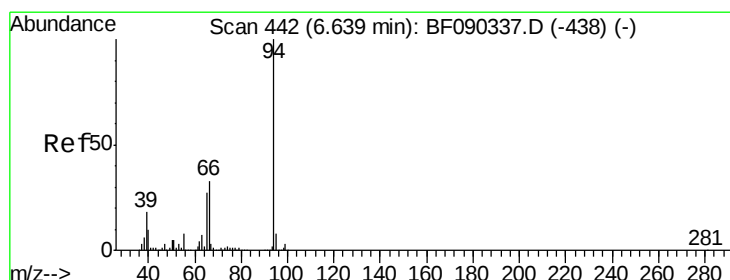
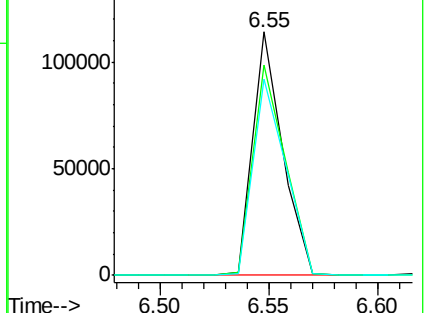
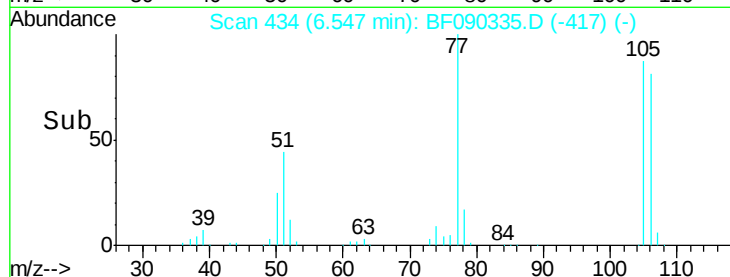
106 80.8 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 11.39 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

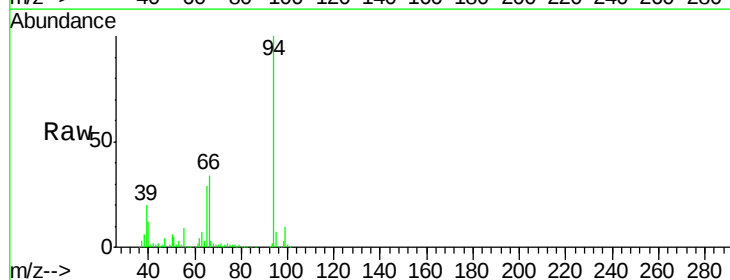
Tgt Ion: 94 Resp: 297009

Ion Ratio Lower Upper

94 100

65 29.0 13.3 53.3

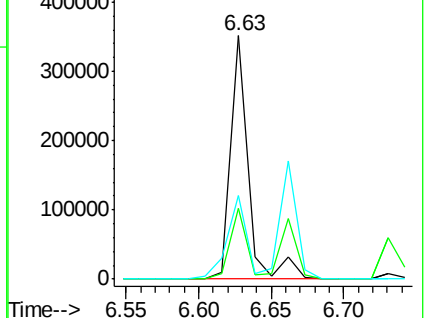
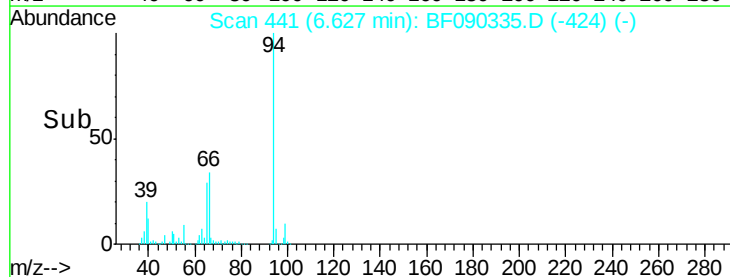
66 34.3 20.4 60.4

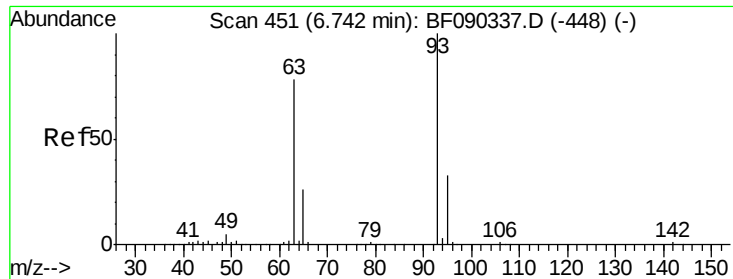


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 9.73 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

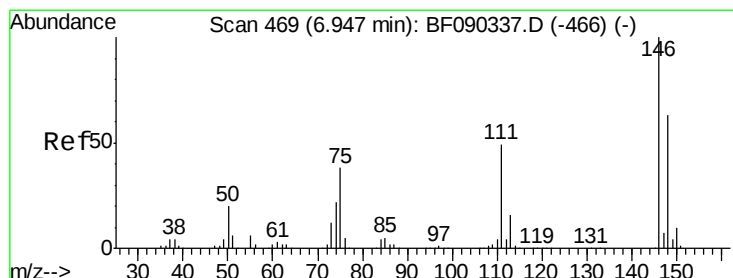
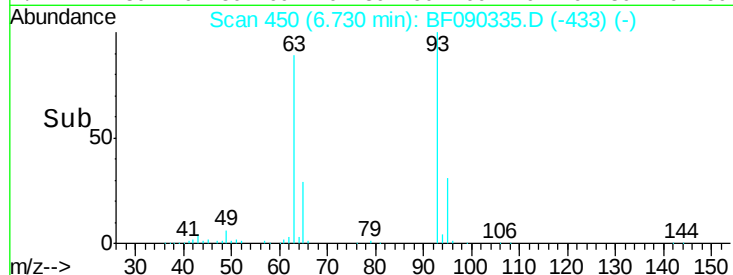
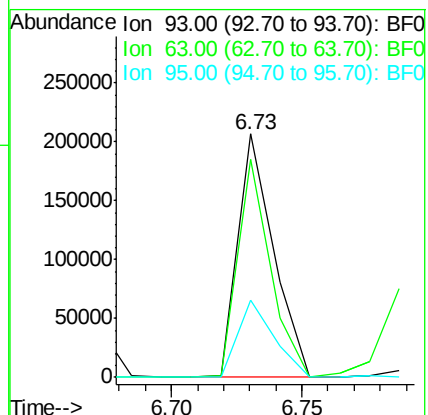
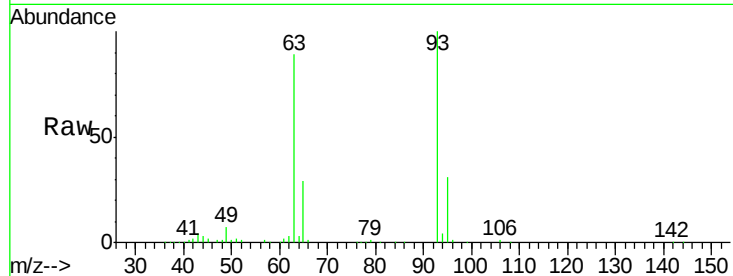
Tot Ion: 93 Resp: 197884

Ion Ratio Lower Upper

93 100

63 89.4 59.7 99.7

95 31.5 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 11.08 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.08 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

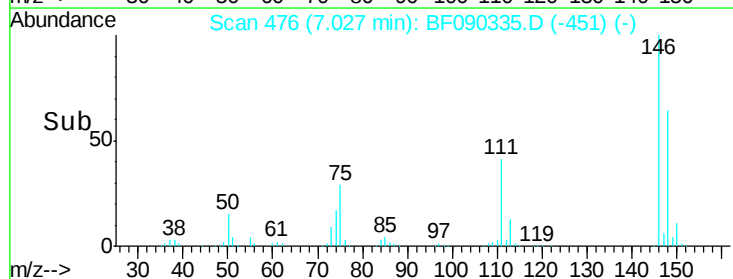
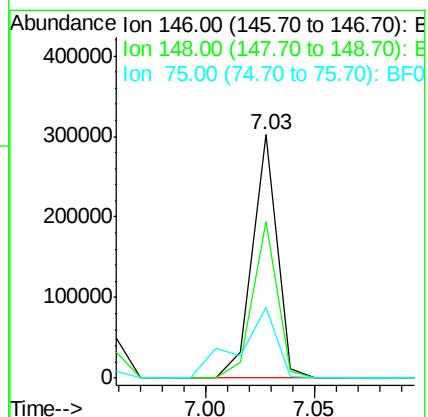
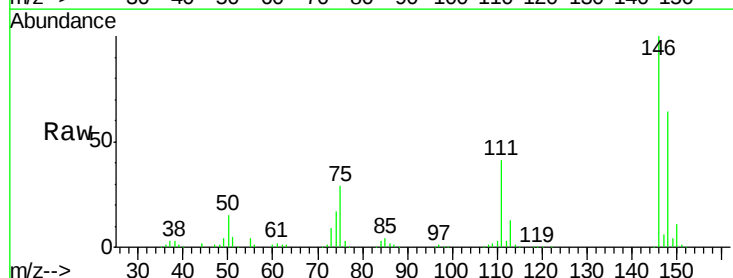
Tgt Ion: 146 Resp: 237800

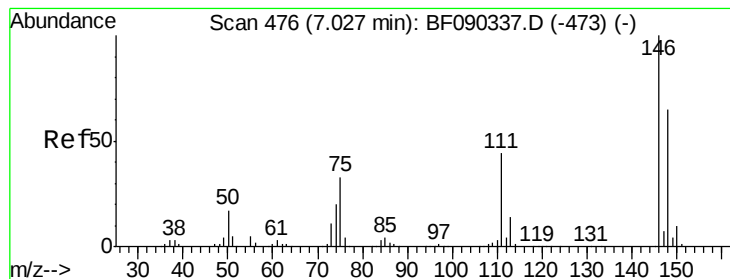
Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

75 29.2 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 10.85 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

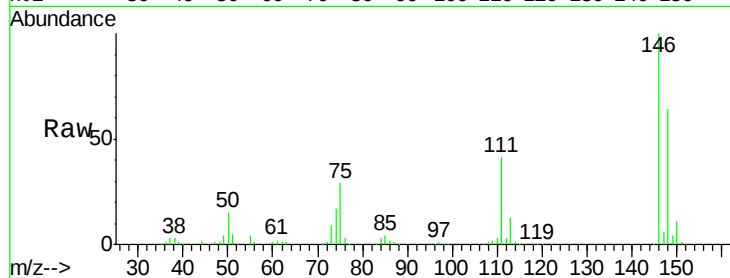
Tot Ion:146 Resp: 237800

Ion Ratio Lower Upper

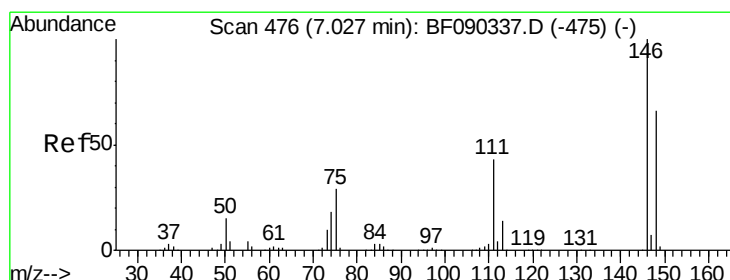
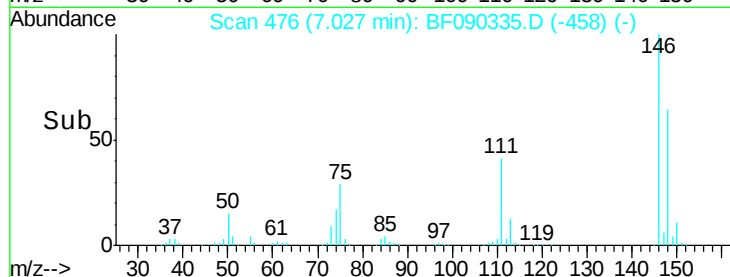
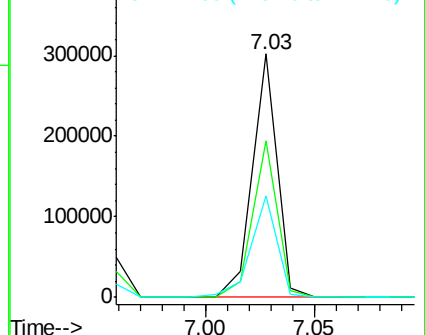
146 100

148 64.5 51.1 76.7

111 41.4 37.8 56.6



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



#14

1,2-Dichlorobenzene

Concen: 10.53 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

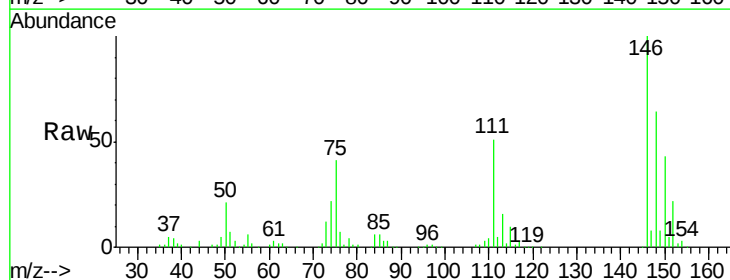
Tgt Ion:146 Resp: 205642

Ion Ratio Lower Upper

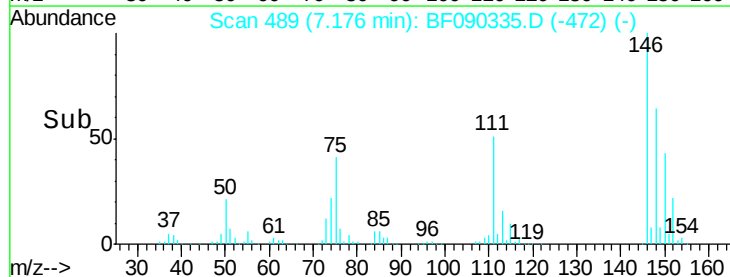
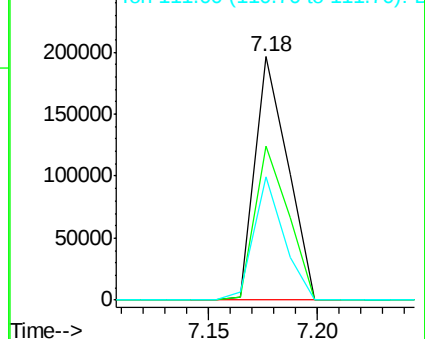
146 100

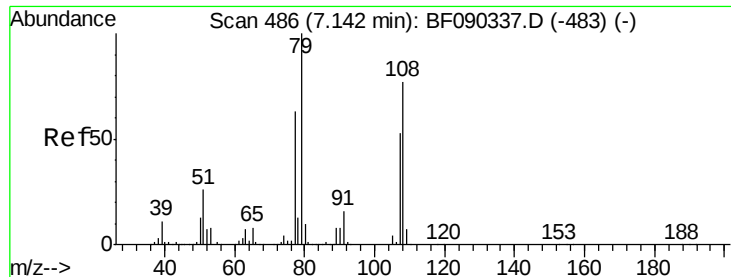
148 63.5 52.3 78.5

111 50.8 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 13.08 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

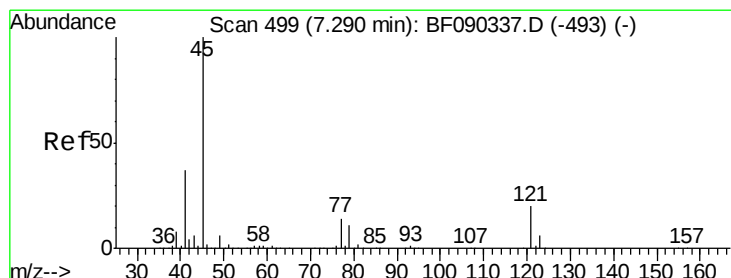
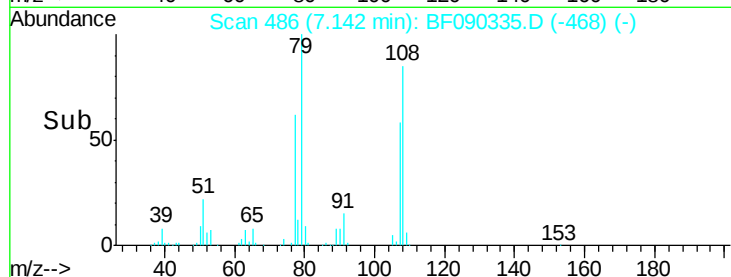
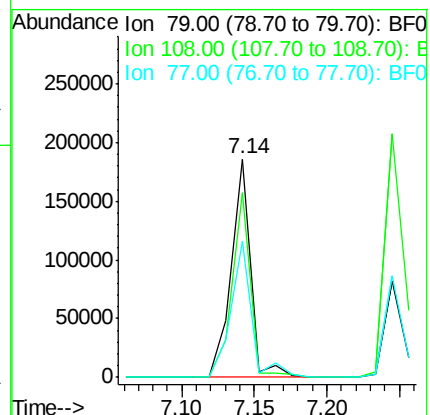
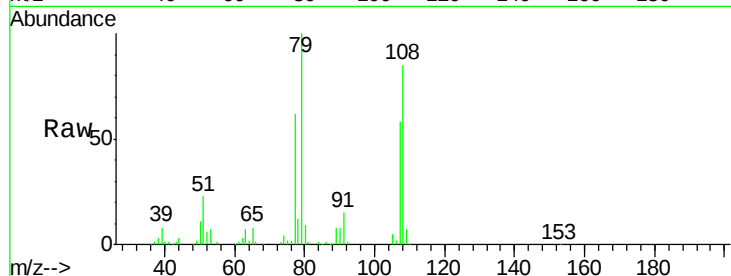
Tot Ion: 79 Resp: 172086

Ion Ratio Lower Upper

79 100

108 84.8 60.9 91.3

77 62.4 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 13.41 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

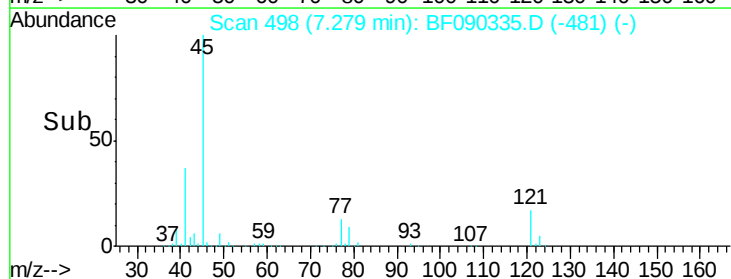
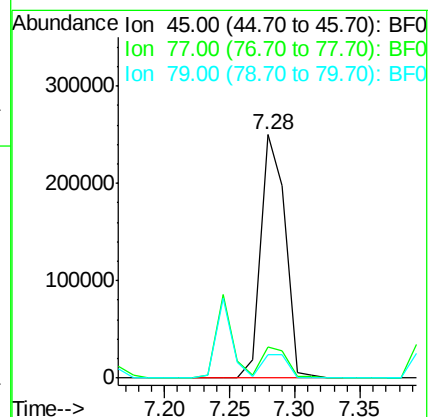
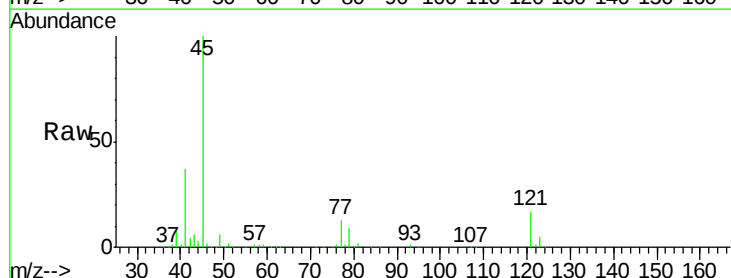
Tgt Ion: 45 Resp: 325768

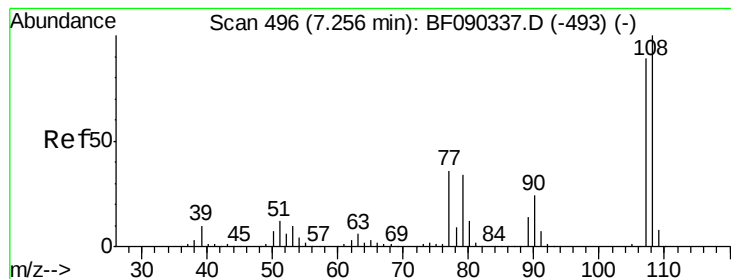
Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.8

79 9.5 0.0 28.2

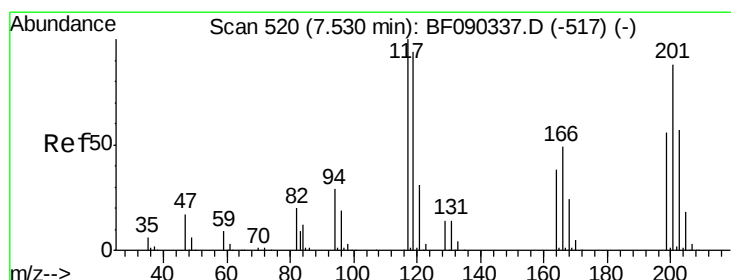
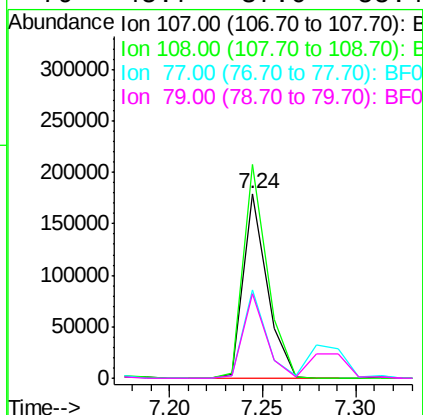
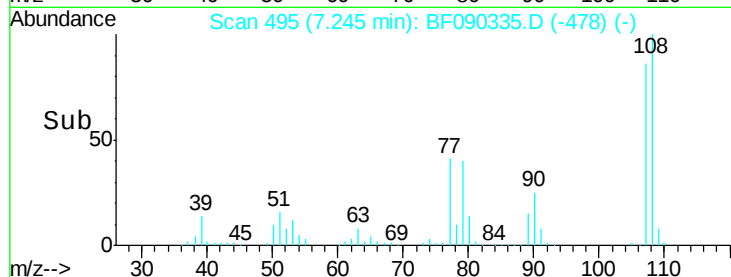
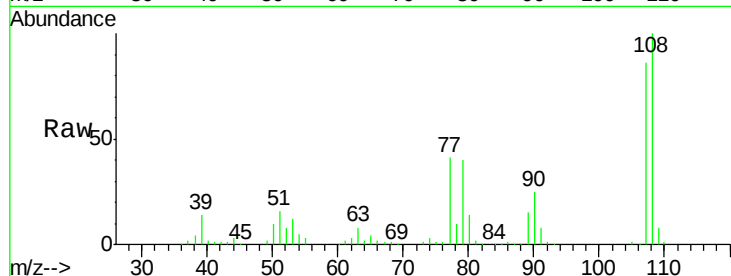




#17
2-Methylphenol
Concen: 9.91 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

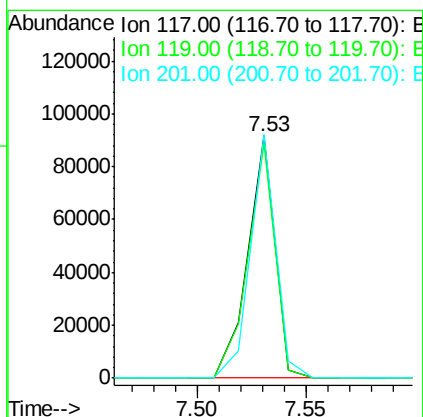
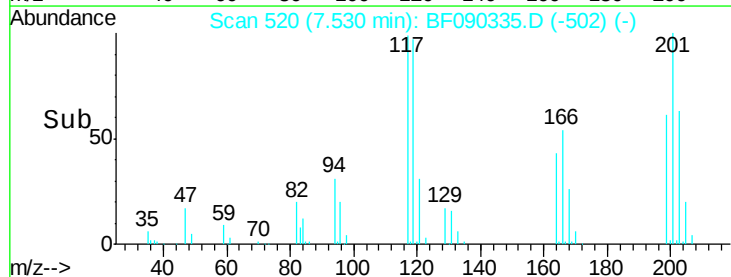
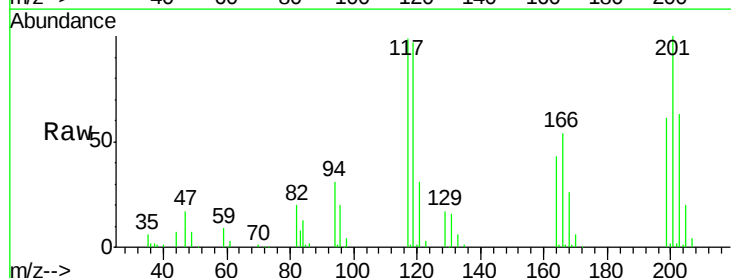
Instrument :
BNA_F
ClientSampleId :

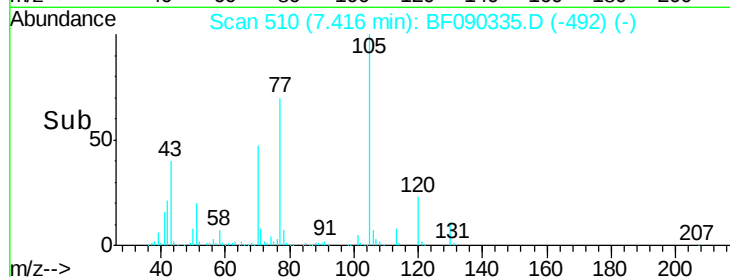
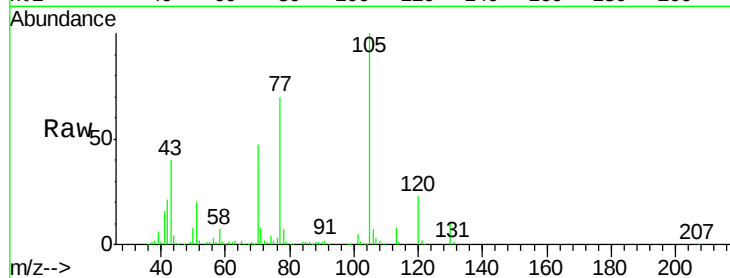
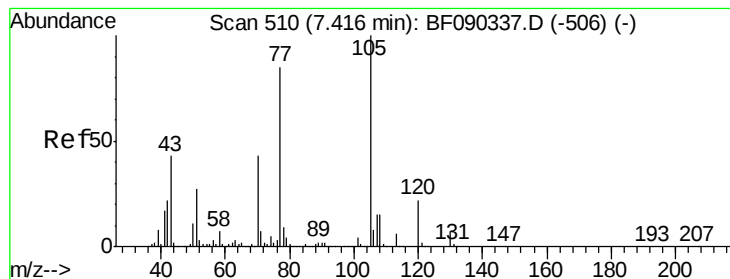
Tot Ion:	107	Resp:	160436
Ion	Ratio	Lower	Upper
107	100		
108	115.6	90.9	136.3
77	48.0	38.2	57.4
79	45.7	37.0	55.4



#18
Hexachloroethane
Concen: 10.18 ng
RT: 7.53 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion:	117	Resp:	79638
Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.9	113.9
201	100.5	66.5	99.7#





#19

n-Nitroso-di-n-propylamine

Concen: 11.76 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 152357

Ion Ratio Lower Upper

70 100

42 44.6 55.4 83.2#

101 10.3 7.6 11.4

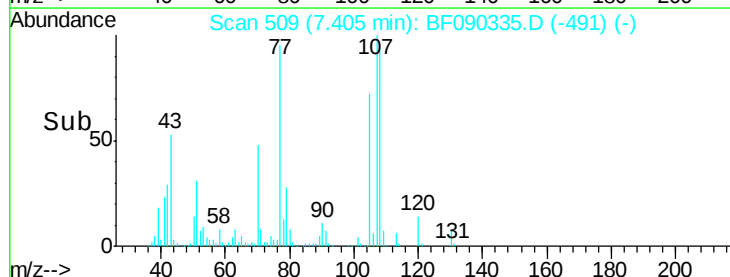
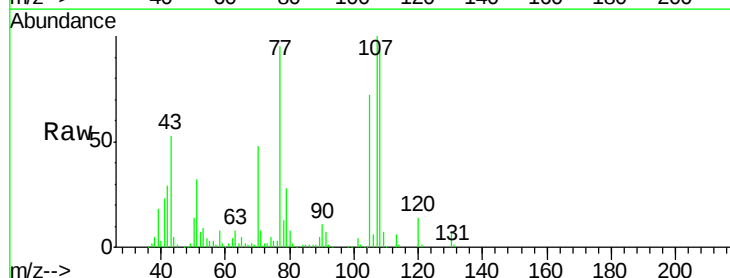
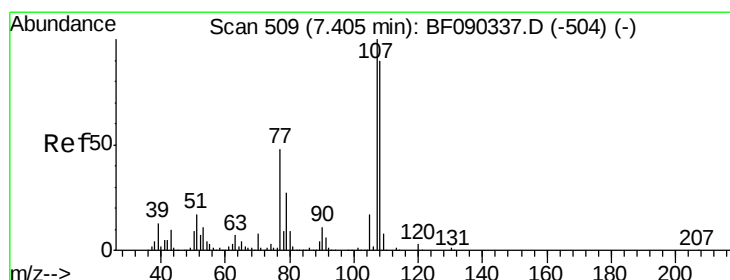
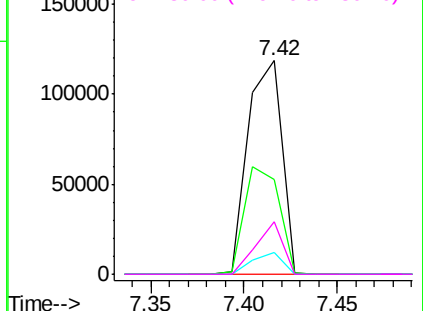
130 24.4 16.5 24.7

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: 11.33 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Tgt Ion:107 Resp: 220211

Ion Ratio Lower Upper

107 100

108 93.1 66.7 106.7

77 94.8 53.7 93.7#

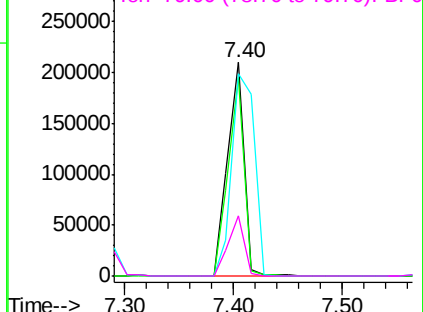
79 28.1 8.4 48.4

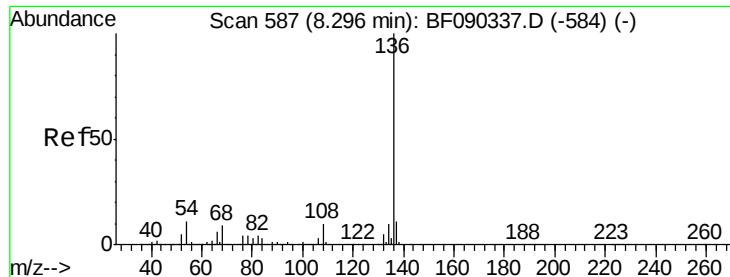
Abundance Ion 107.00 (106.70 to 107.70): BF0

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: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

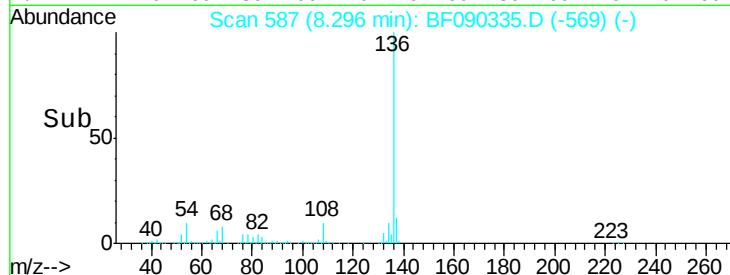
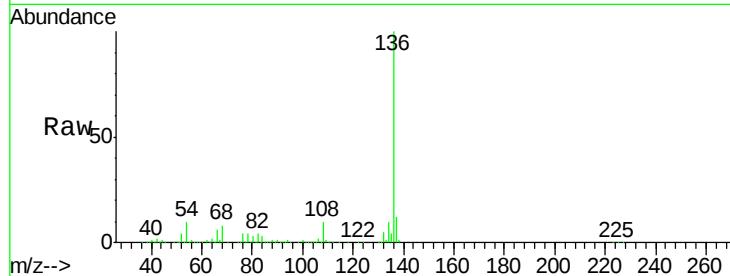
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1179684

Ion Ratio Lower Upper

136	100		
137	11.7	9.0	13.6
54	9.7	6.6	10.0
68	8.4	5.0	7.6

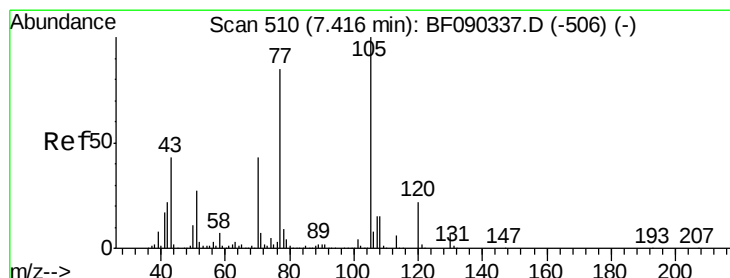
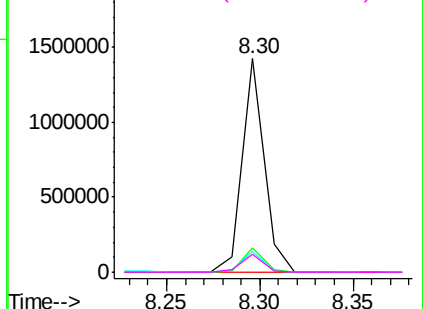


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 9.85 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

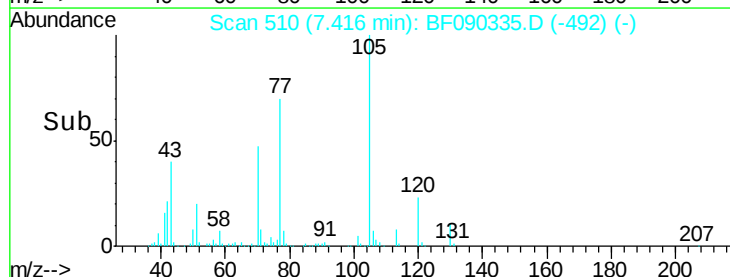
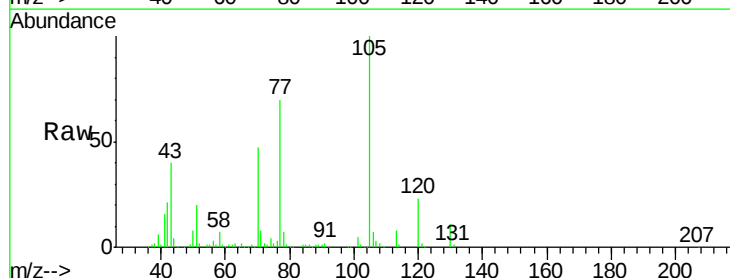
Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Tgt Ion:105 Resp: 280116

Ion Ratio Lower Upper

105	100		
71	7.7	3.8	5.6
51	19.9	28.2	42.4
120	23.0	17.4	26.2

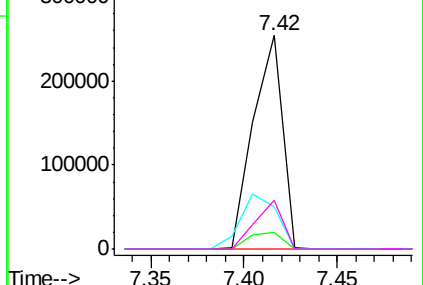


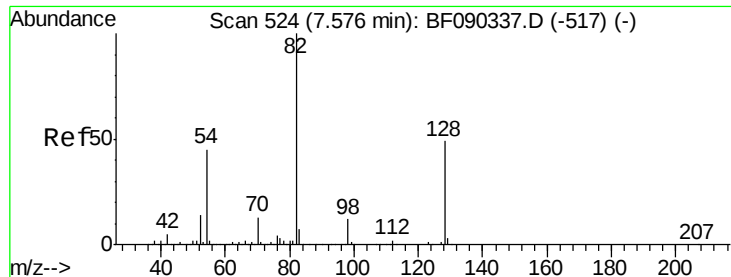
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 20.03 ng

RT: 7.56 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

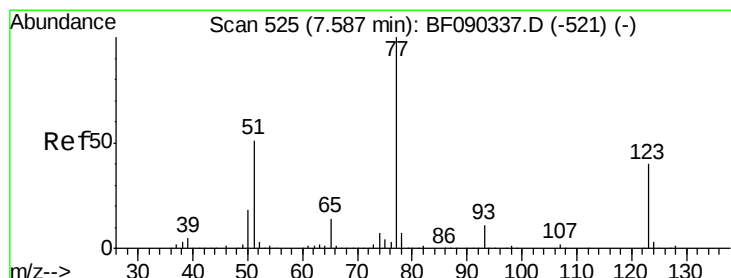
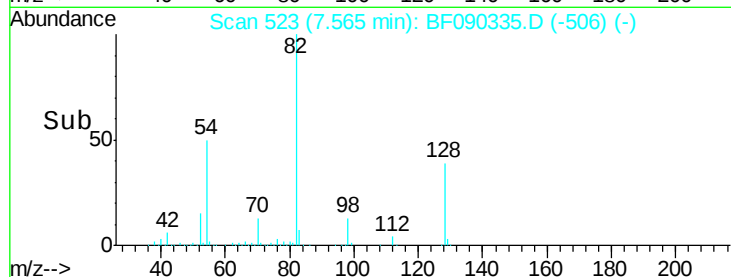
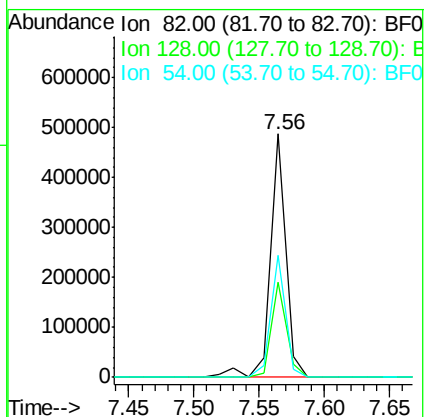
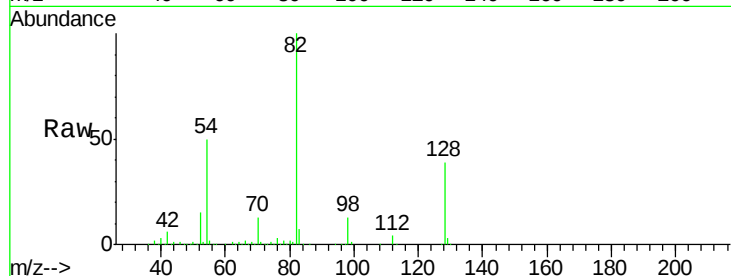
Tot Ion: 82 Resp: 407668

Ion Ratio Lower Upper

82 100

128 39.0 40.0 60.0#

54 49.9 42.6 64.0



#24

Nitrobenzene

Concen: 10.22 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

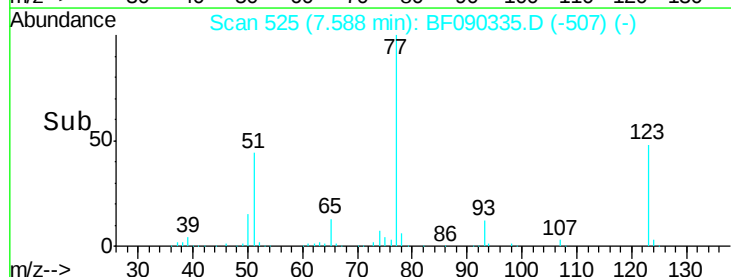
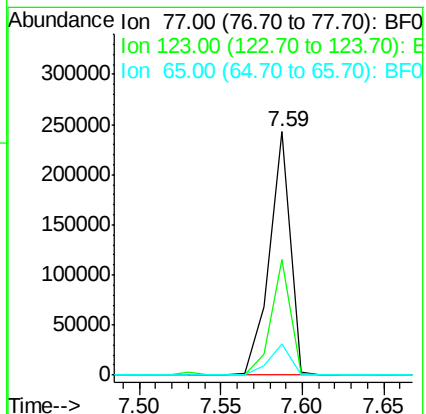
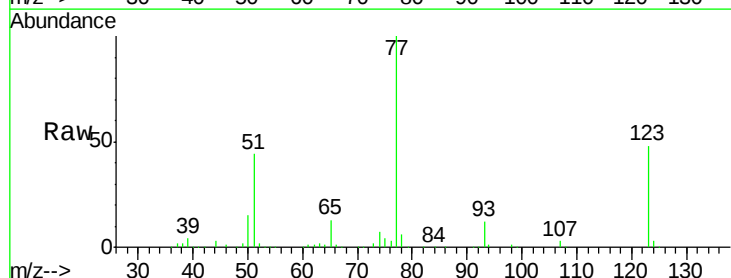
Tgt Ion: 77 Resp: 216650

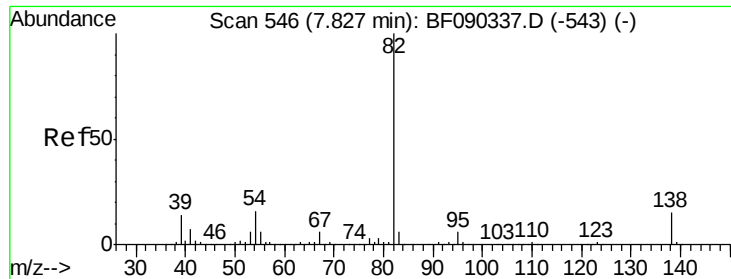
Ion Ratio Lower Upper

77 100

123 47.5 33.0 49.4

65 12.6 12.0 18.0





#25

Isophorone

Concen: 9.61 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

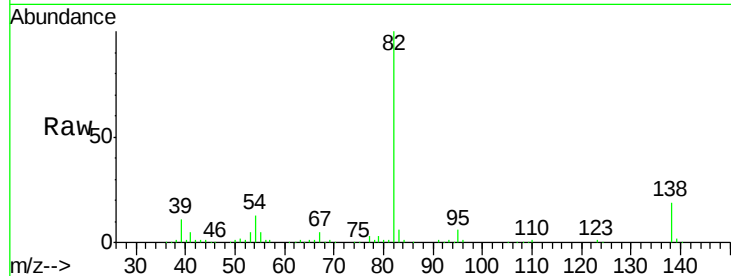
Tot Ion: 82 Resp: 408480

Ion Ratio Lower Upper

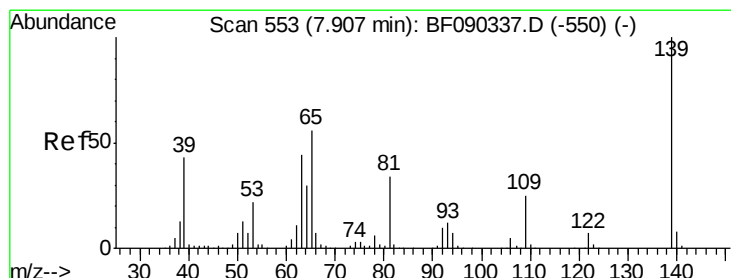
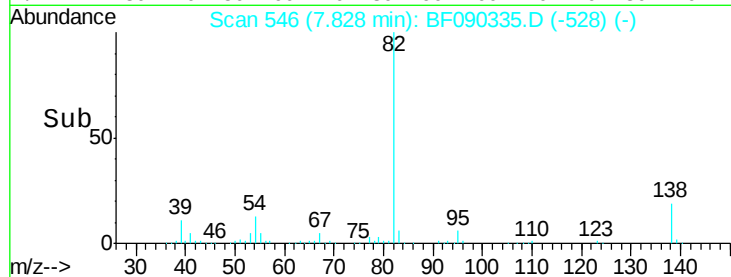
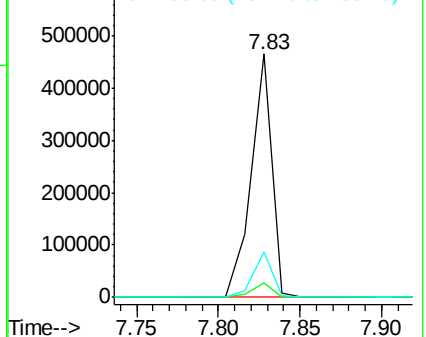
82 100

95 6.2 5.2 7.8

138 18.5 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 6.42 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

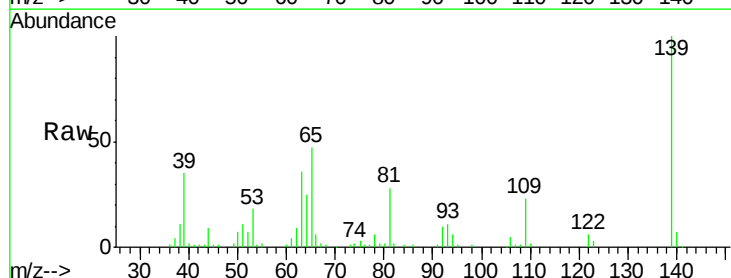
Tgt Ion: 139 Resp: 67009

Ion Ratio Lower Upper

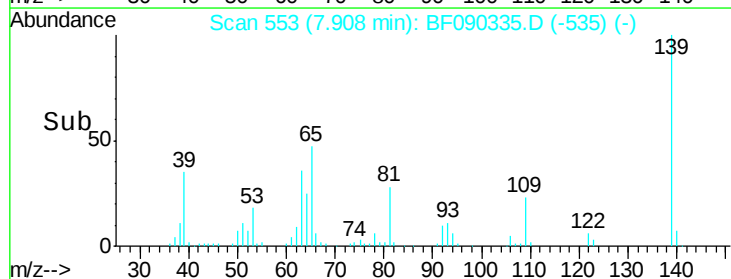
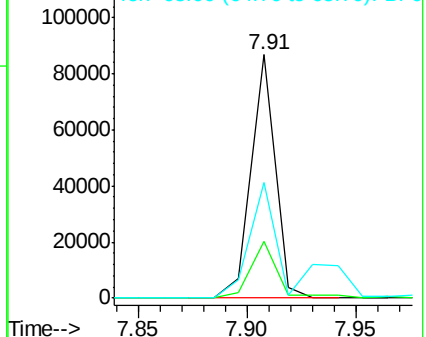
139 100

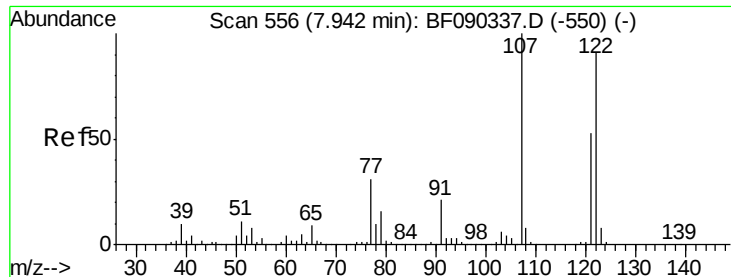
109 23.3 18.9 28.3

65 47.3 31.6 47.4



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





#27

2,4-Dimethylphenol

Concen: 10.17 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampled :

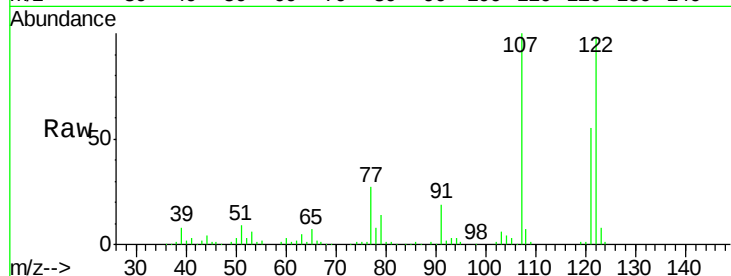
Tot Ion:122 Resp: 188685

Ion Ratio Lower Upper

122 100

107 102.2 88.6 132.8

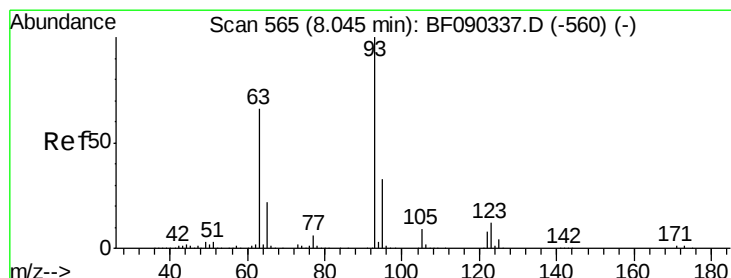
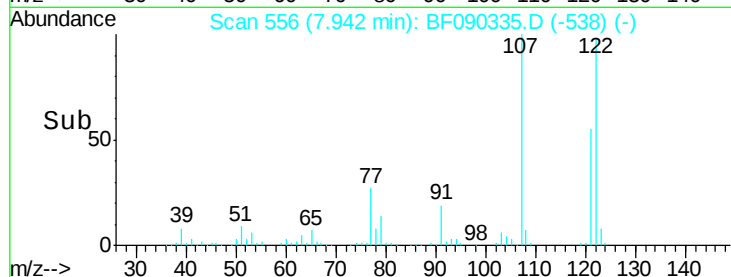
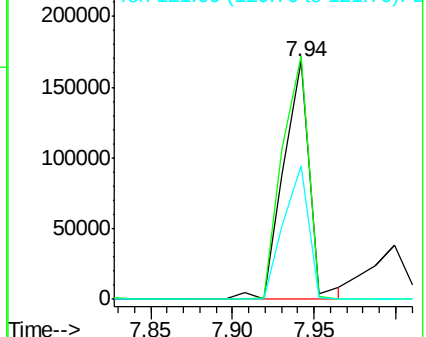
121 56.2 47.5 71.3



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: 8.94 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

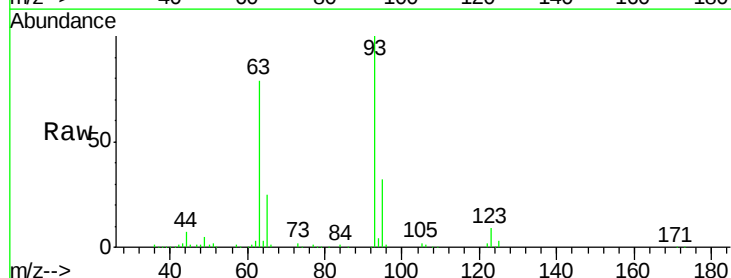
Tgt Ion: 93 Resp: 229851

Ion Ratio Lower Upper

93 100

95 32.4 27.0 40.4

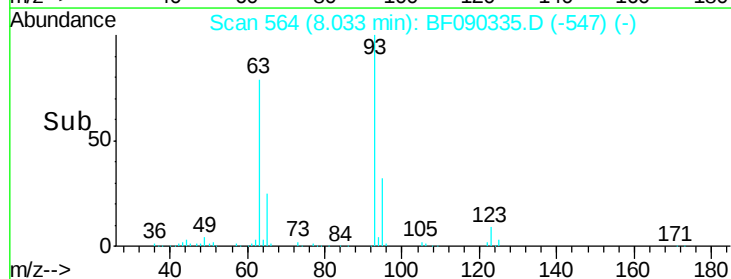
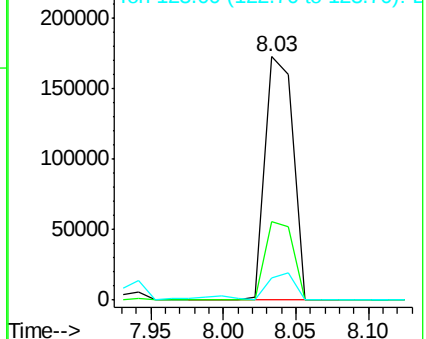
123 9.1 11.1 16.7#

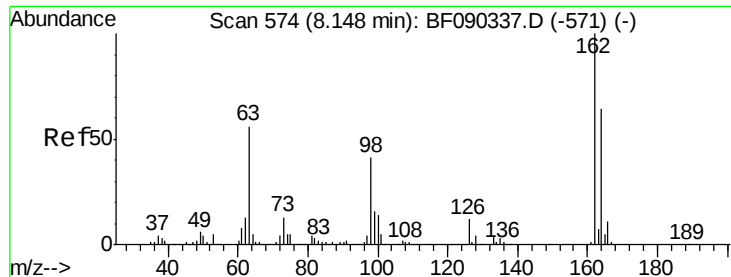


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 9.60 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

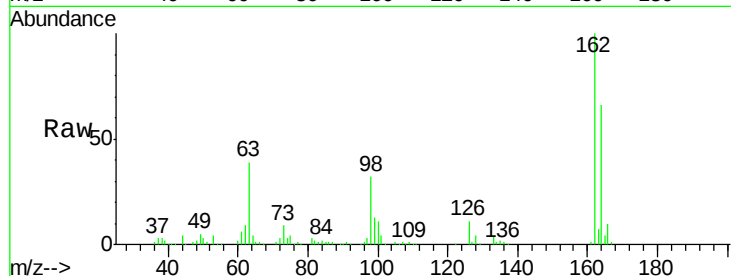
Tot Ion:162 Resp: 156260

Ion Ratio Lower Upper

162 100

164 66.1 45.7 85.7

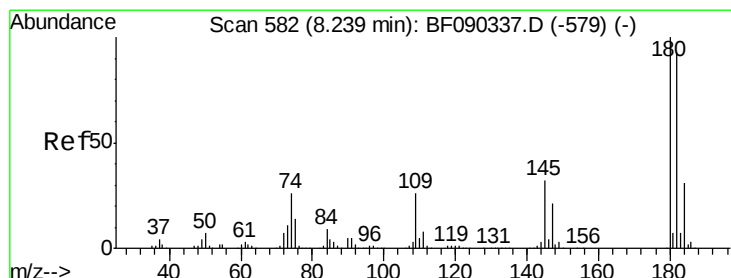
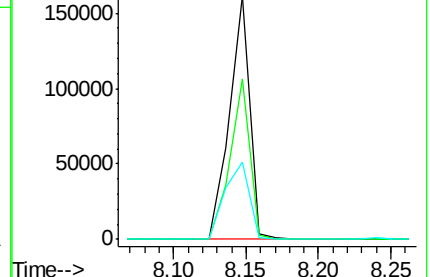
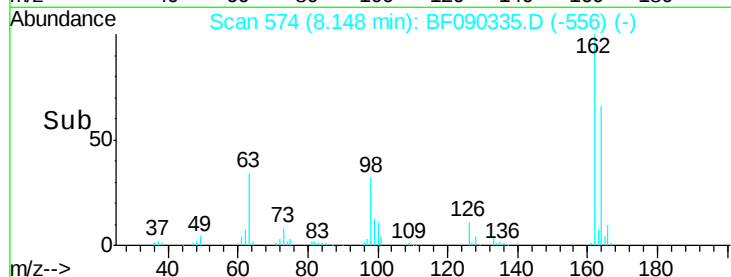
98 32.0 13.3 53.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 11.16 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

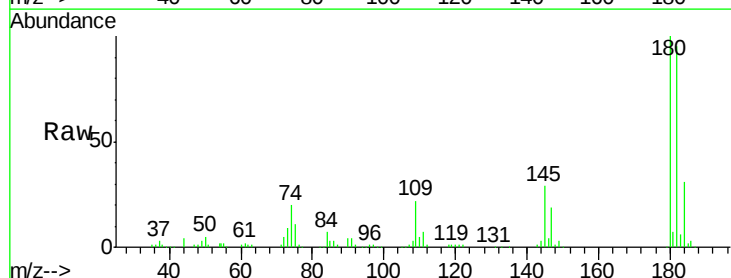
Tgt Ion:180 Resp: 181415

Ion Ratio Lower Upper

180 100

182 95.5 75.3 112.9

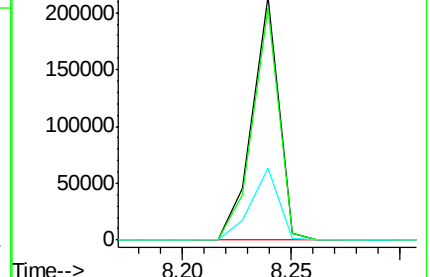
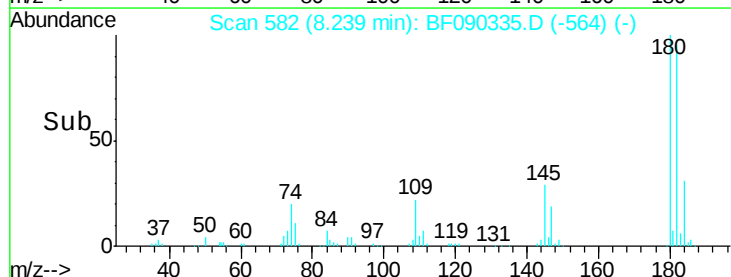
145 29.4 27.7 41.5

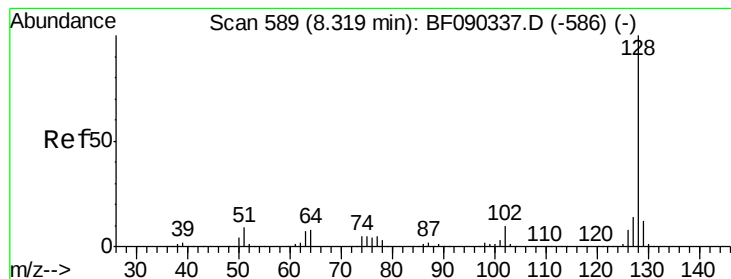


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 11.37 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

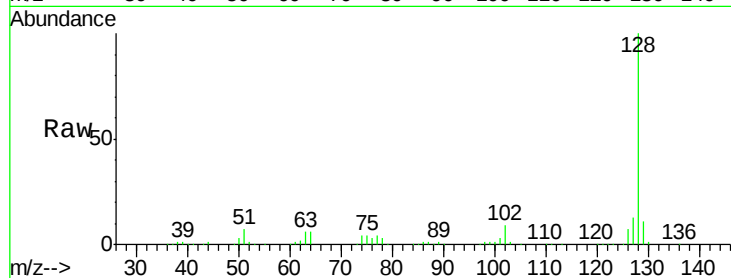
Tot Ion:128 Resp: 638492

Ion Ratio Lower Upper

128 100

129 11.1 9.7 14.5

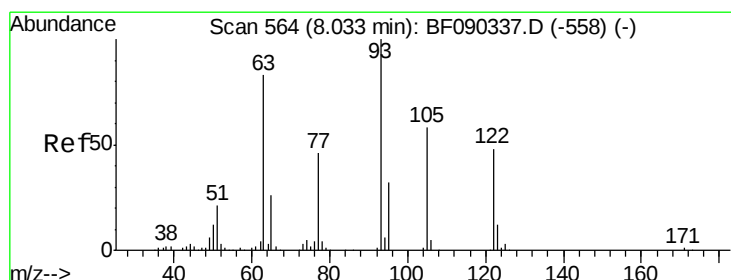
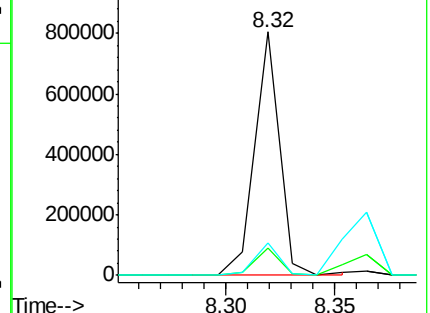
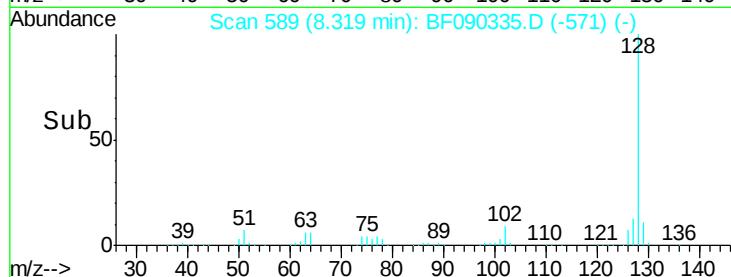
127 13.1 11.7 17.5



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: 5.25 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.03 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

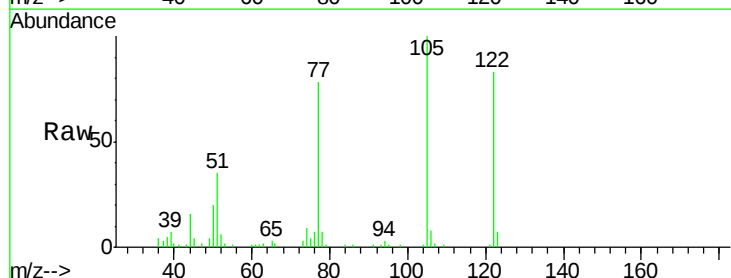
Tgt Ion:122 Resp: 66852

Ion Ratio Lower Upper

122 100

105 121.0 103.9 143.9

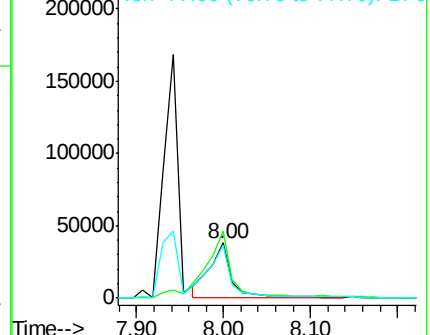
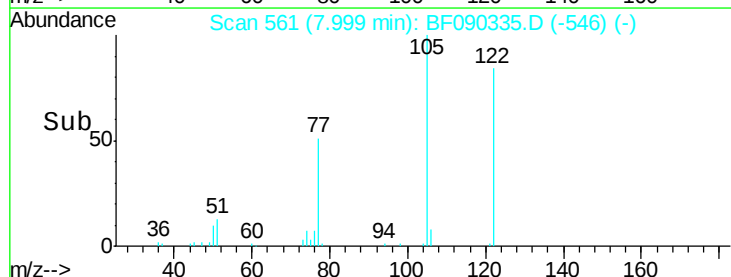
77 94.7 74.6 114.6

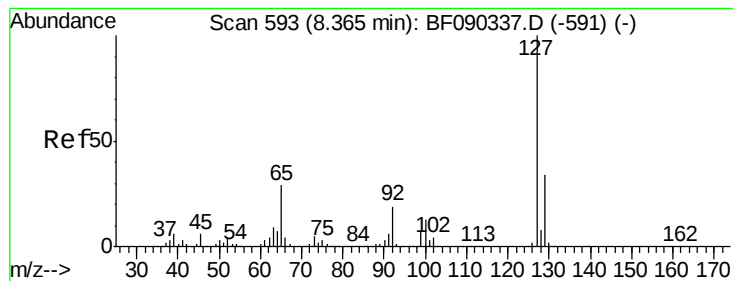


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.85 ng

RT: 8.36 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF090335.D

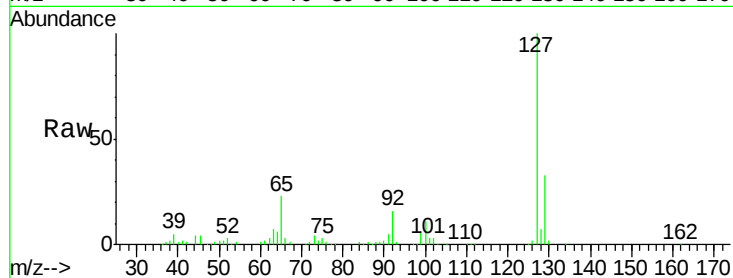
Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	229521
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.4
65	22.9	32.5	48.7#
92	16.0	17.2	25.8#

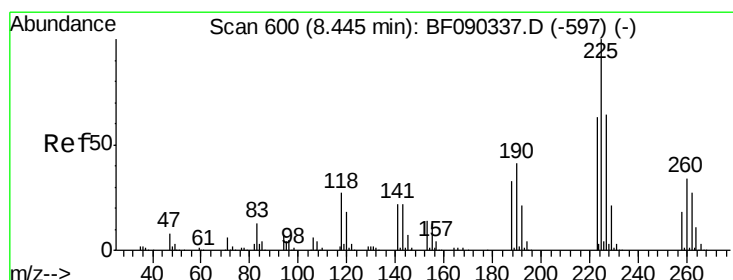
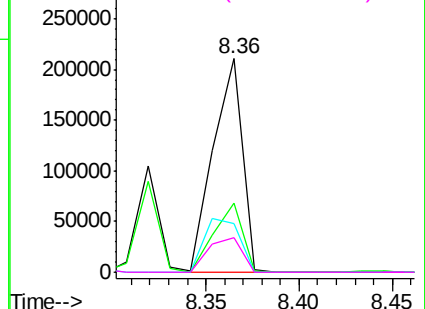
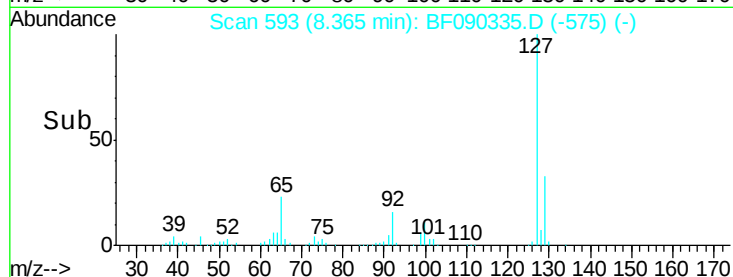


Abundance Ion 127.00 (126.70 to 127.70): E

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: 11.58 ng

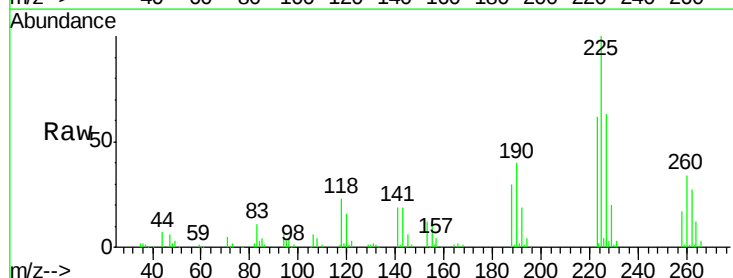
RT: 8.44 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

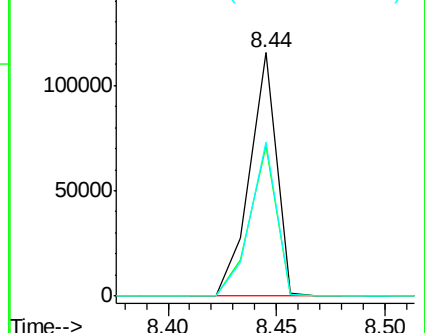
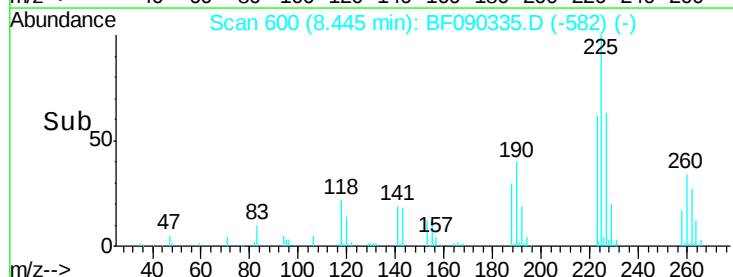
Tgt Ion:	225	Resp:	99278
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.4
227	63.2	50.8	76.2

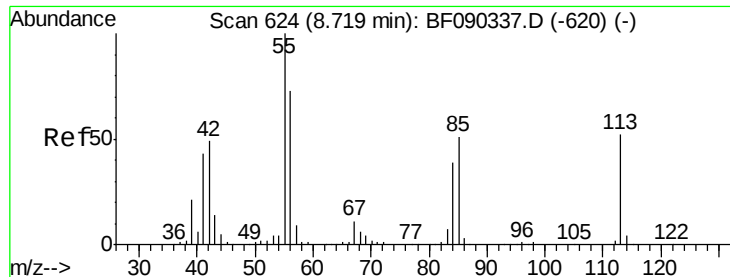


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

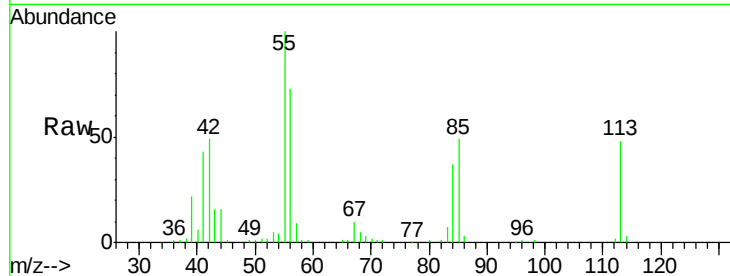




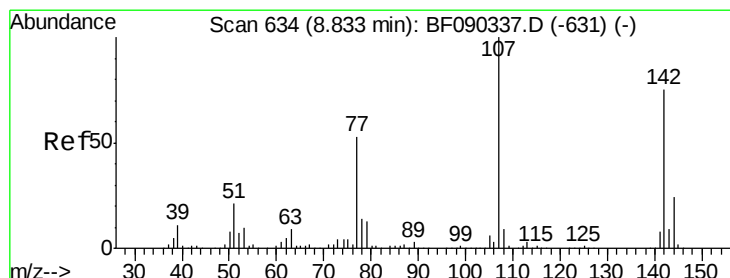
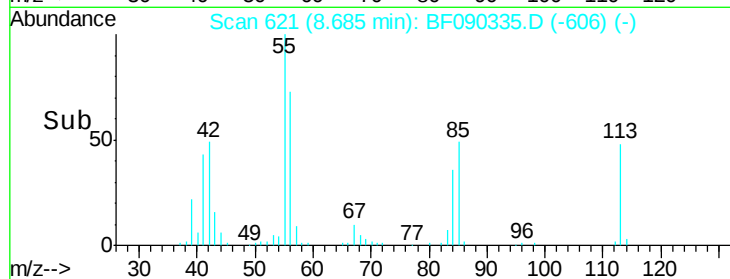
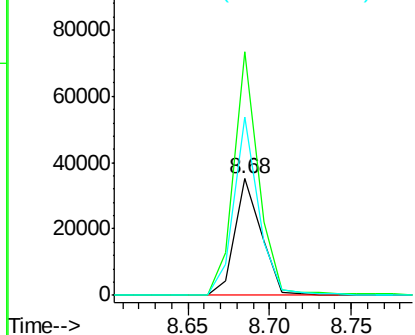
#35
Caprolactam
Concen: 7.29 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 39254
Ion Ratio Lower Upper
113 100
55 209.0 203.3 243.3
56 152.7 140.5 180.5

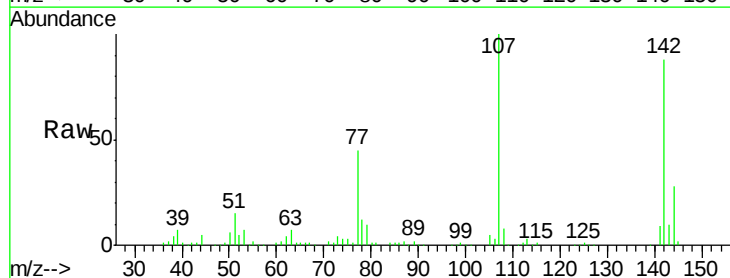


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

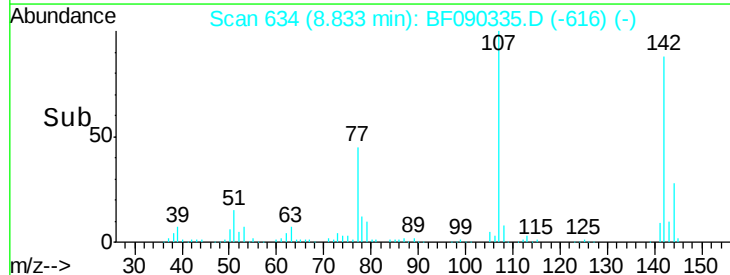
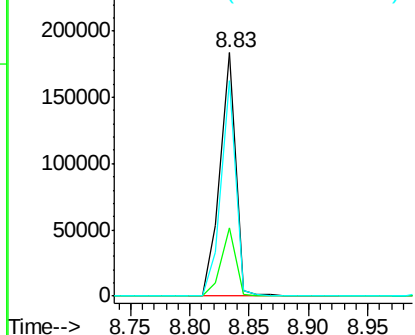


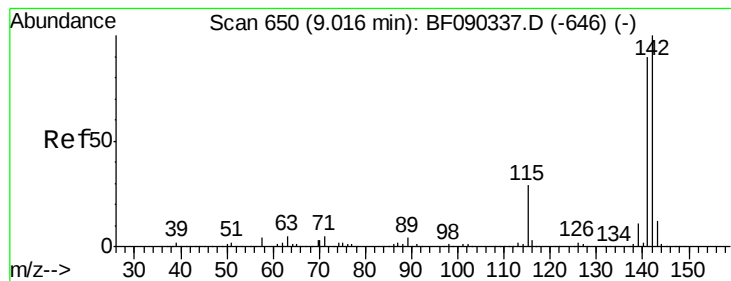
#36
4-Chloro-3-methylphenol
Concen: 9.15 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion:107 Resp: 168281
Ion Ratio Lower Upper
107 100
144 28.2 19.8 29.8
142 88.4 60.7 91.1



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: 9.95 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

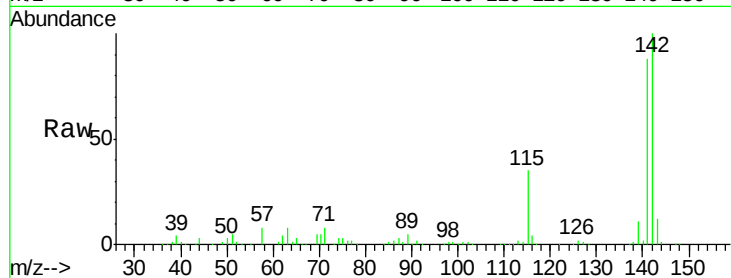
Tot Ion:142 Resp: 347402

Ion Ratio Lower Upper

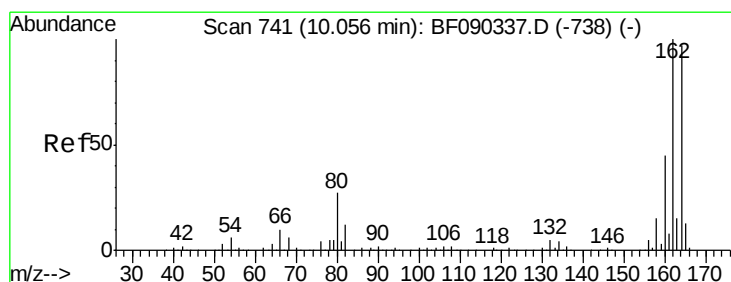
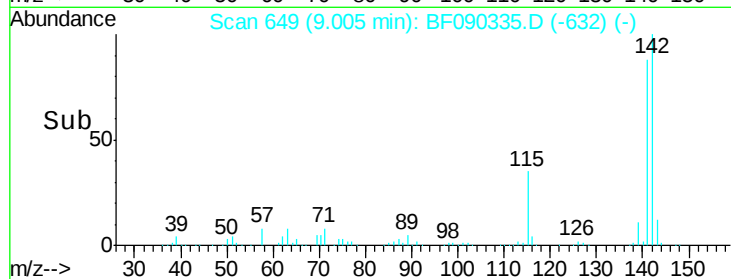
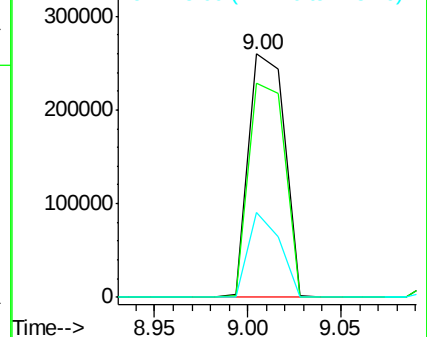
142 100

141 88.1 71.8 107.8

115 34.7 28.8 43.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.06 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

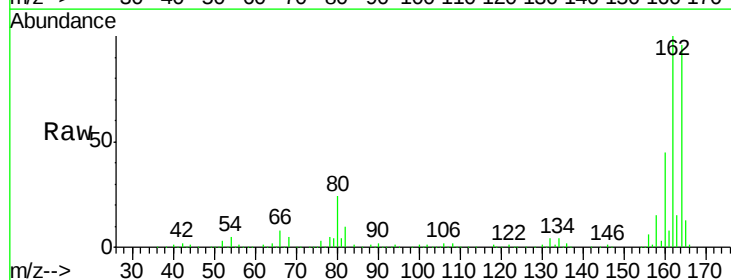
Tgt Ion:164 Resp: 610518

Ion Ratio Lower Upper

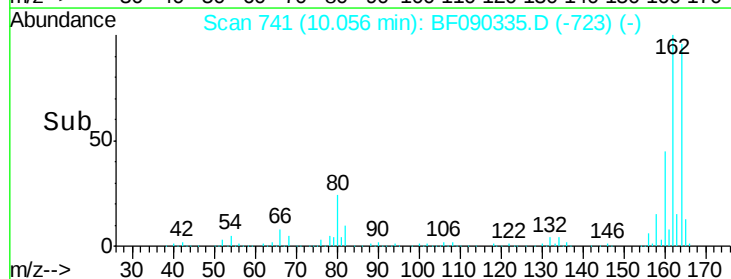
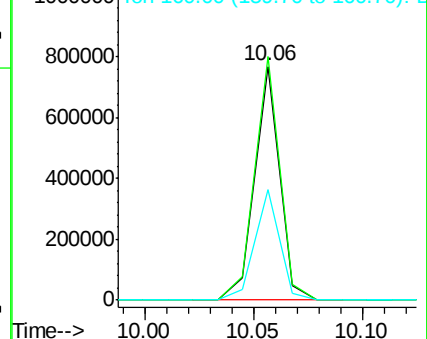
164 100

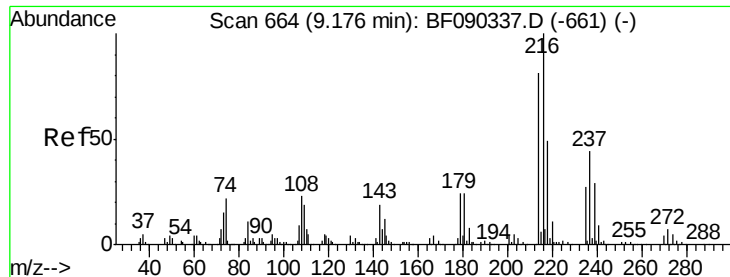
162 104.2 80.1 120.1

160 47.3 36.3 54.5



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

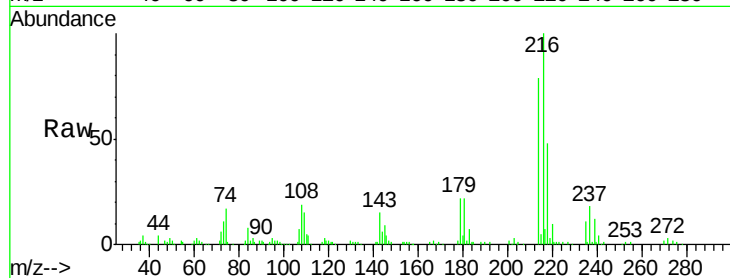




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 12.53 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.2	96.2
179	22.1	18.0	27.0
108	20.8	15.2	22.8

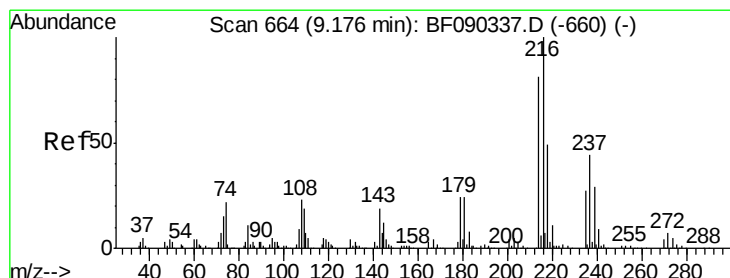
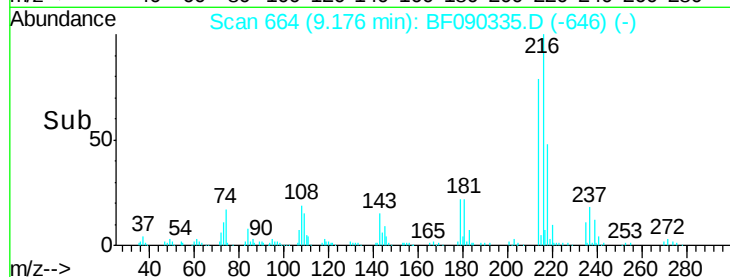
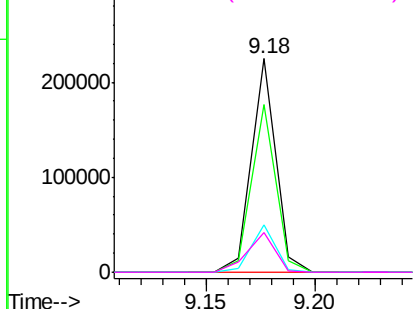


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

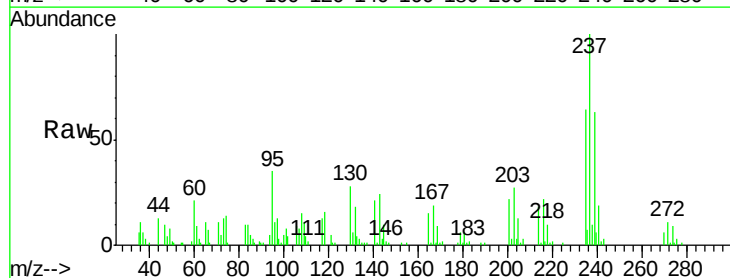
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 10.91 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

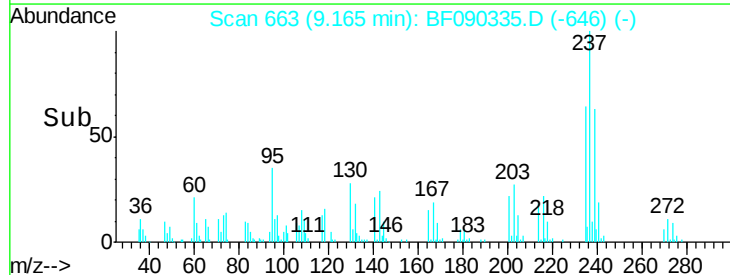
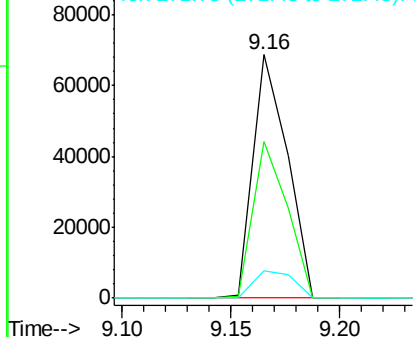
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.6	83.6
272	11.4	0.0	32.7

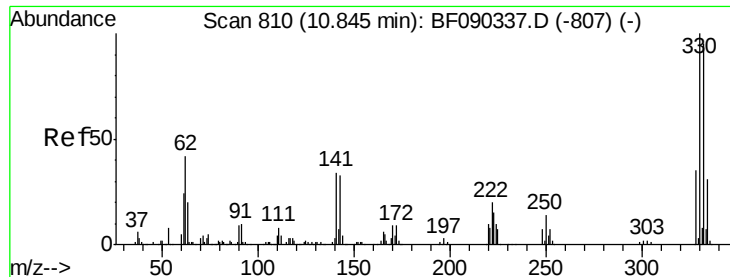


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

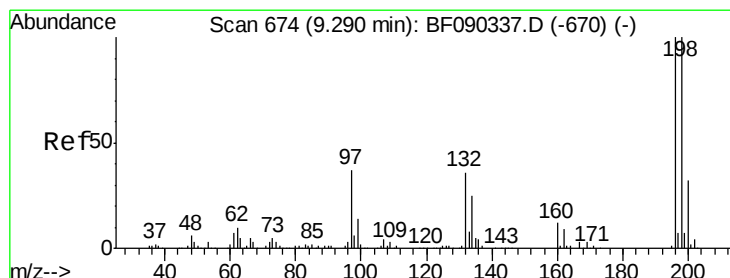
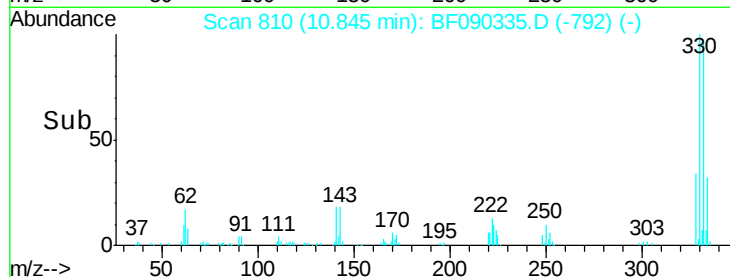
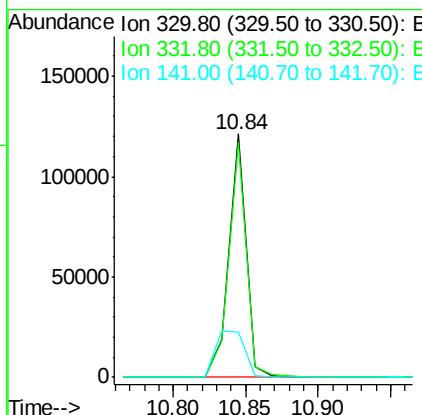
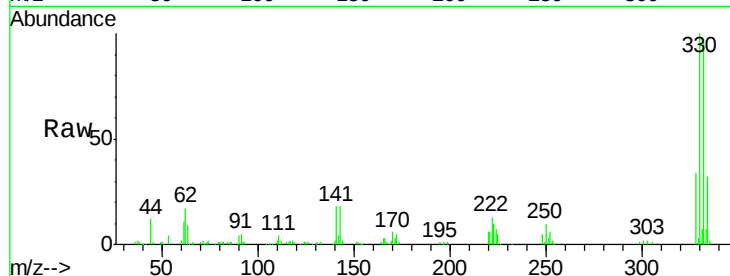




#41
 2,4,6-Tribromophenol
 Concen: 19.26 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

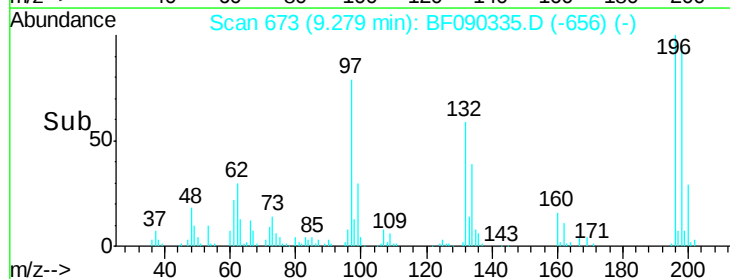
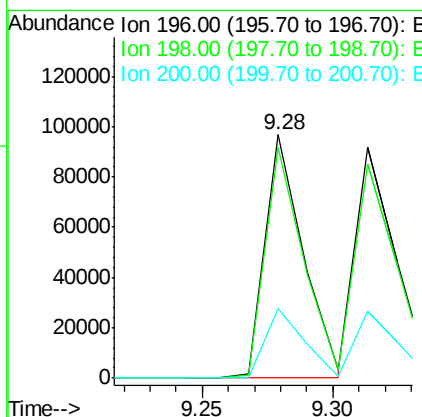
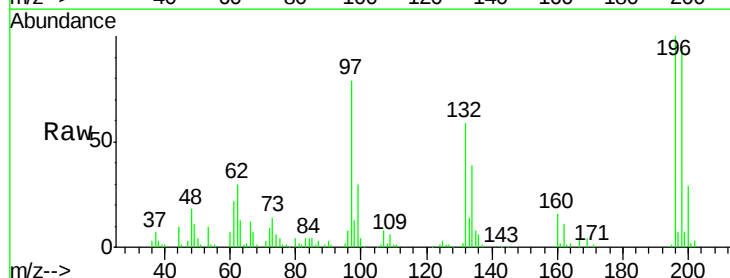
Instrument :
 BNA_F
 ClientSampleId :

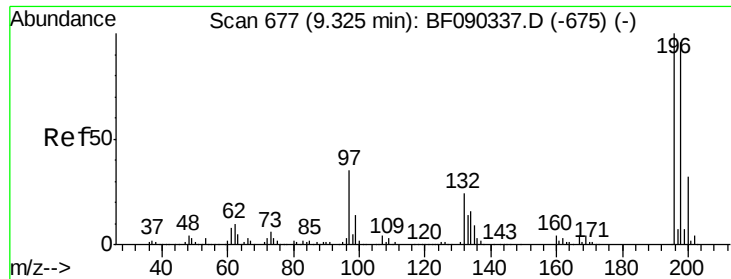
Tot Ion:330 Resp: 100872
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 31.7 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 9.87 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Tgt Ion:196 Resp: 98588
 Ion Ratio Lower Upper
 196 100
 198 94.7 78.9 118.3
 200 28.7 25.4 38.2

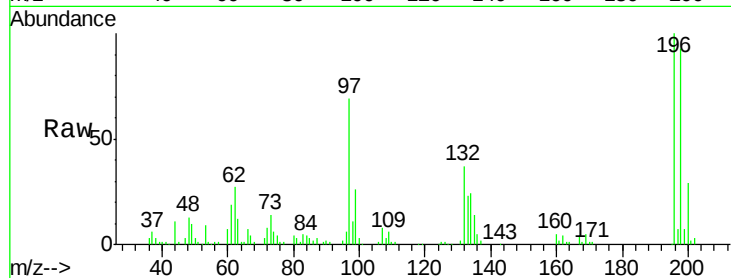




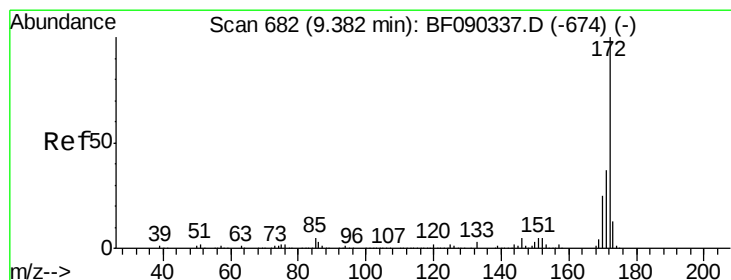
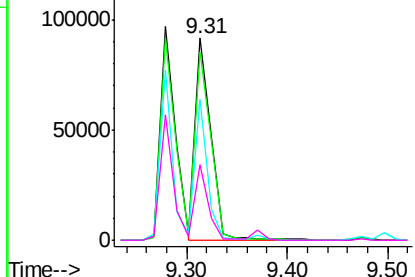
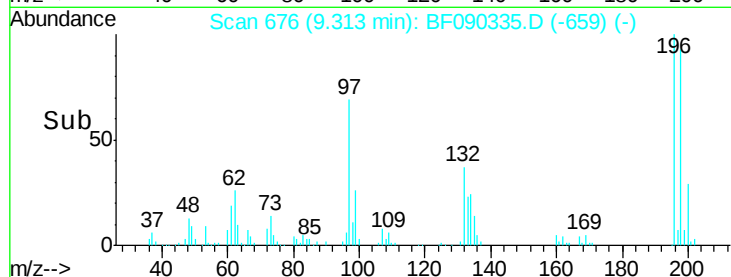
#43
 2,4,5-Trichlorophenol
 Concen: 9.66 ng
 RT: 9.31 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 99885
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.1 117.1
 97 69.4 48.1 72.1
 132 37.2 27.4 41.2

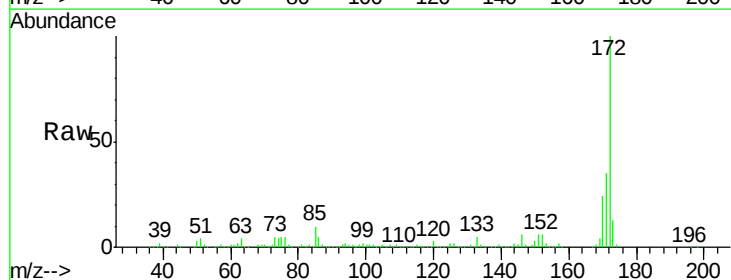


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

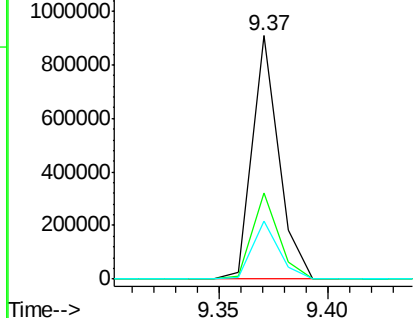
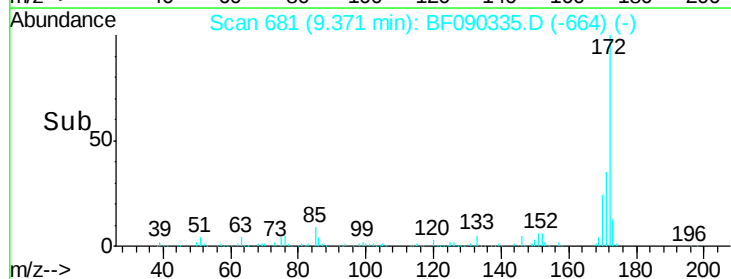


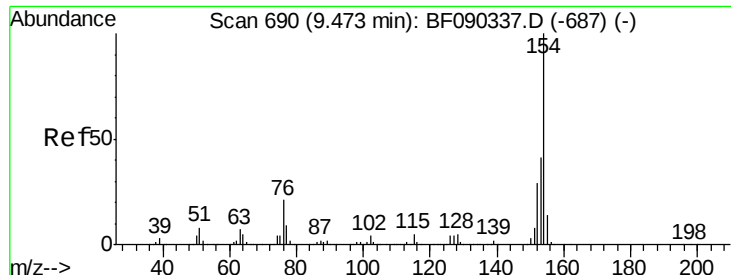
#44
 2-Fluorobiphenyl
 Concen: 24.75 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Tgt Ion:172 Resp: 769609
 Ion Ratio Lower Upper
 172 100
 171 35.4 31.8 47.8
 170 24.0 21.7 32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 11.57 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

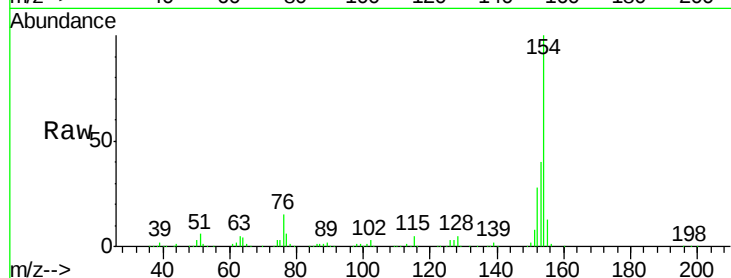
Tot Ion:154 Resp: 505377

Ion Ratio Lower Upper

154 100

153 39.9 23.8 63.8

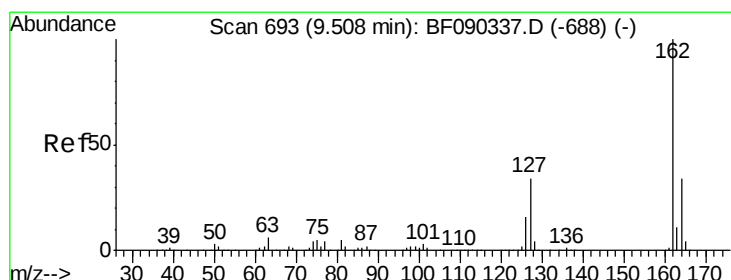
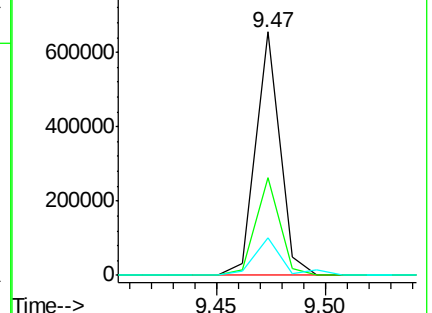
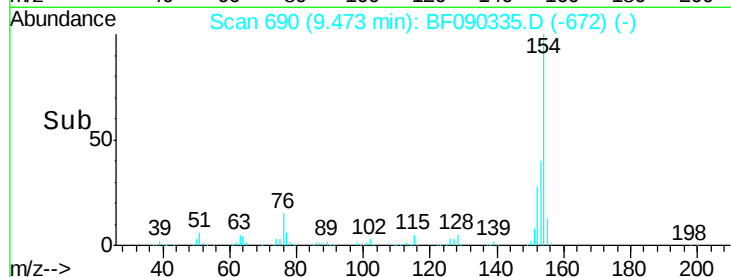
76 15.3 0.0 35.8



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: 10.63 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

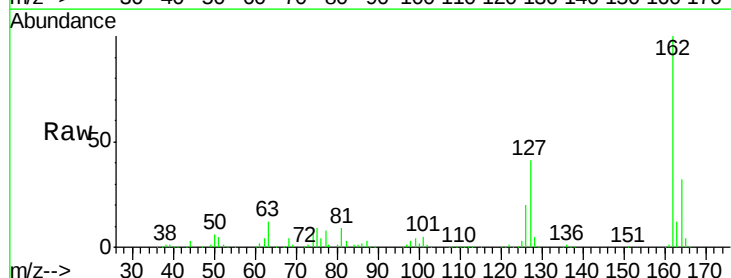
Tgt Ion:162 Resp: 342472

Ion Ratio Lower Upper

162 100

127 41.4 35.6 53.4

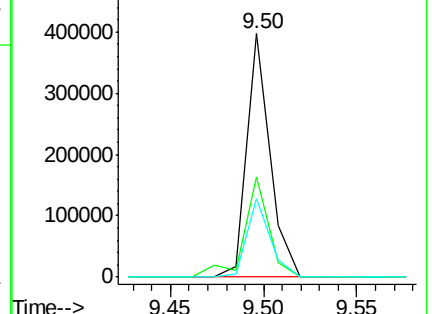
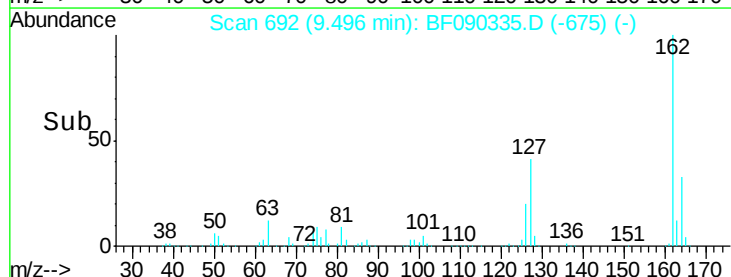
164 32.5 27.5 41.3

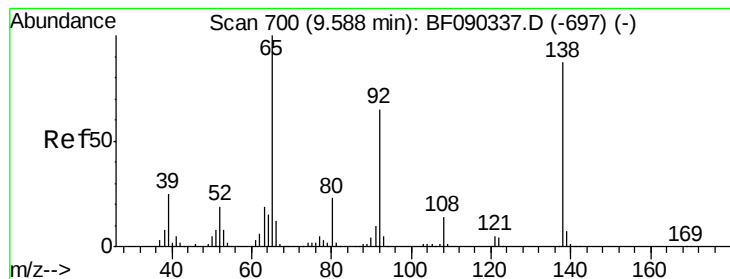


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 8.16 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampled :

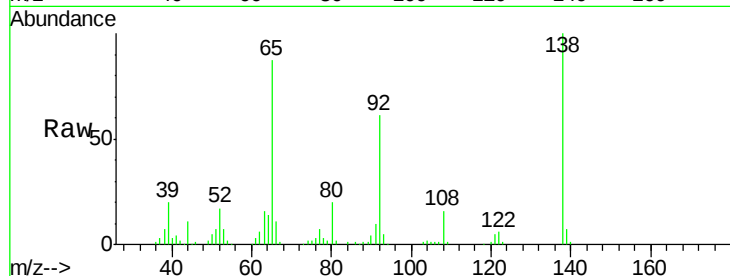
Tot Ion: 65 Resp: 79284

Ion Ratio Lower Upper

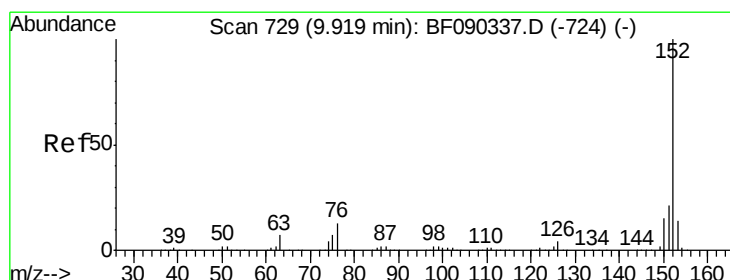
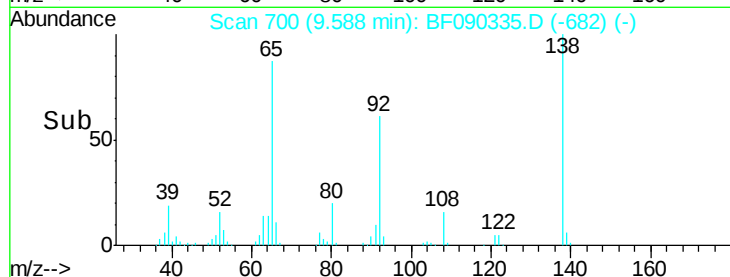
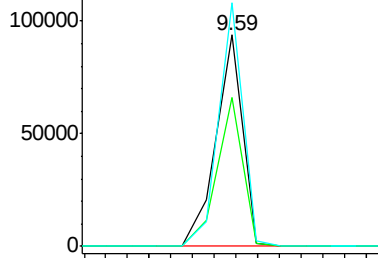
65 100

92 70.5 51.7 77.5

138 115.4 79.0 118.4



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): E



#48

Acenaphthylene

Concen: 10.38 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

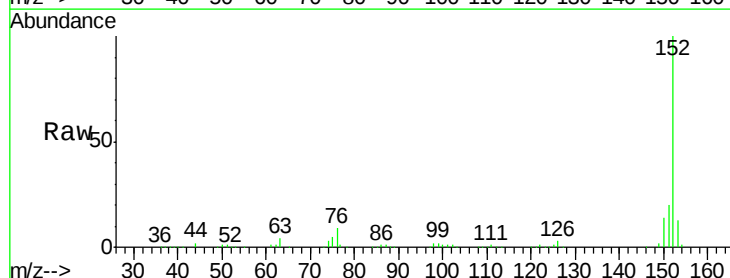
Tgt Ion: 152 Resp: 543176

Ion Ratio Lower Upper

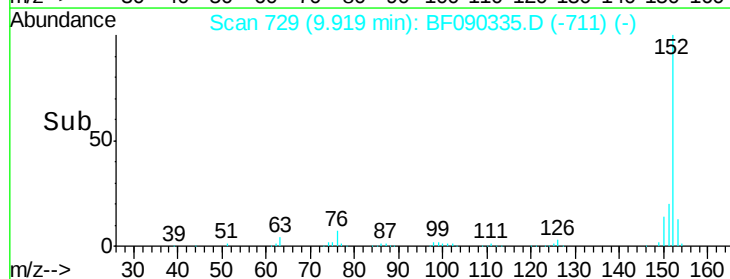
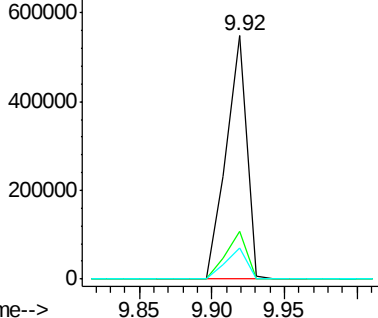
152 100

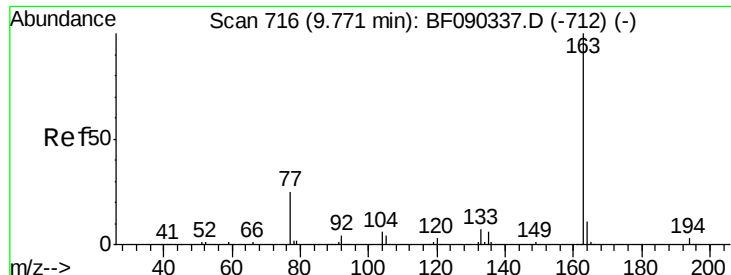
151 19.6 17.4 26.0

153 13.0 11.6 17.4



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

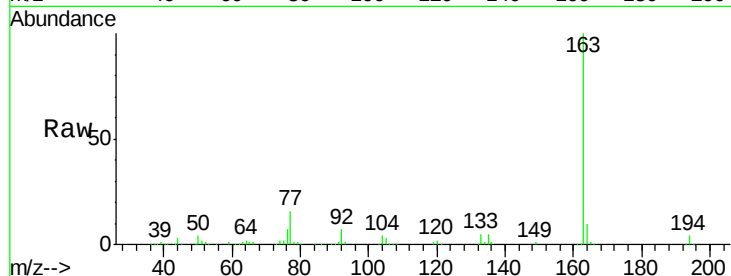




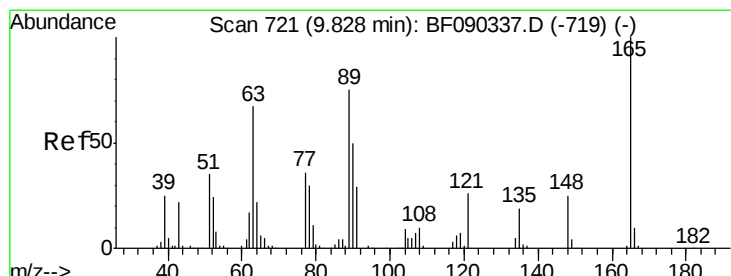
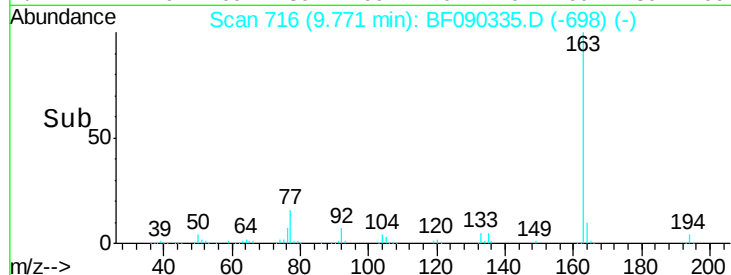
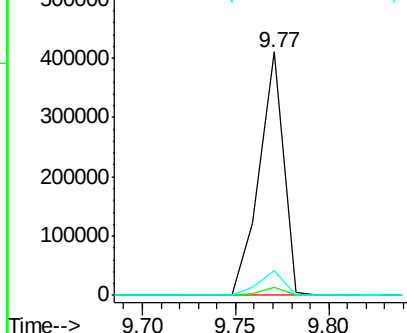
#49
Dimethylphthalate
Concen: 9.48 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 368552
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.0 9.0 13.4

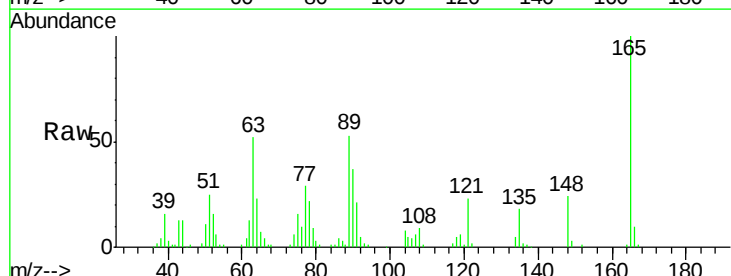


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

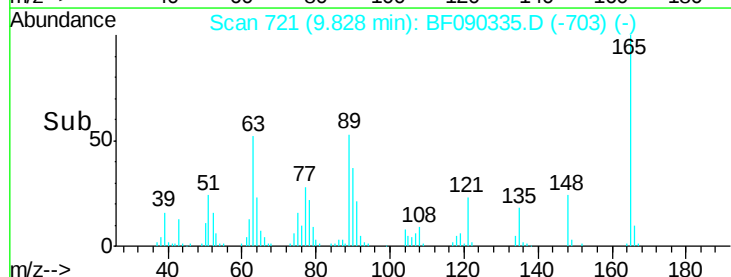
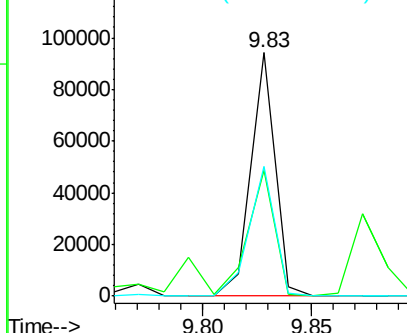


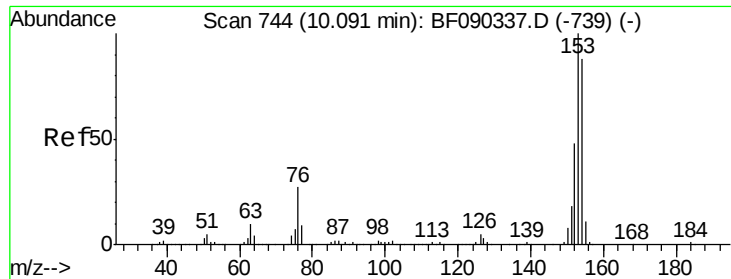
#50
2,6-Dinitrotoluene
Concen: 8.40 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion:165 Resp: 72839
Ion Ratio Lower Upper
165 100
63 51.6 58.0 87.0#
89 53.4 51.2 76.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 11.04 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

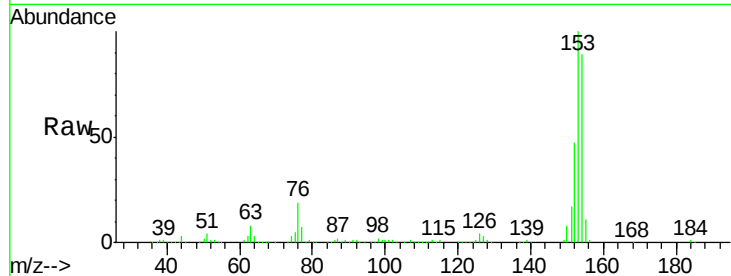
Tot Ion:154 Resp: 342881

Ion Ratio Lower Upper

154 100

153 112.5 88.6 133.0

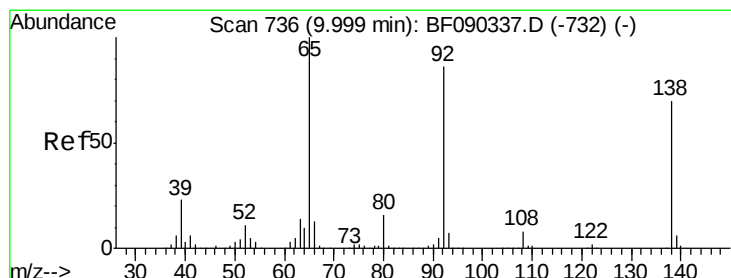
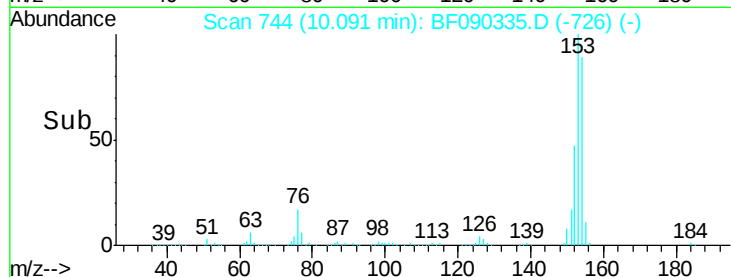
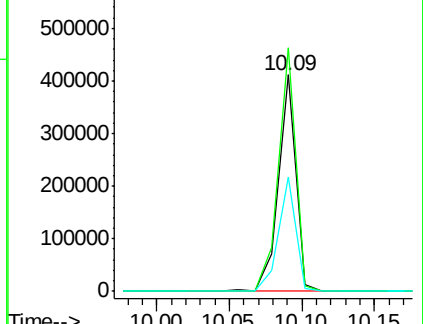
152 52.9 42.6 64.0



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: 7.20 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

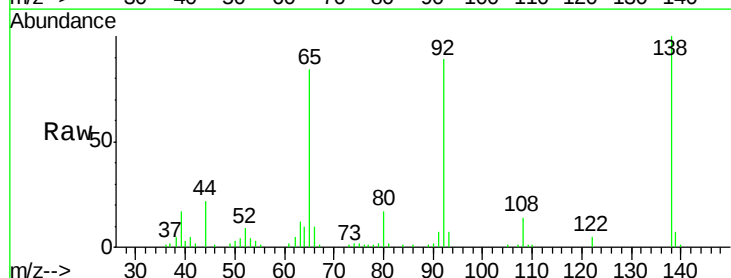
Tgt Ion:138 Resp: 73191

Ion Ratio Lower Upper

138 100

108 14.4 9.7 14.5

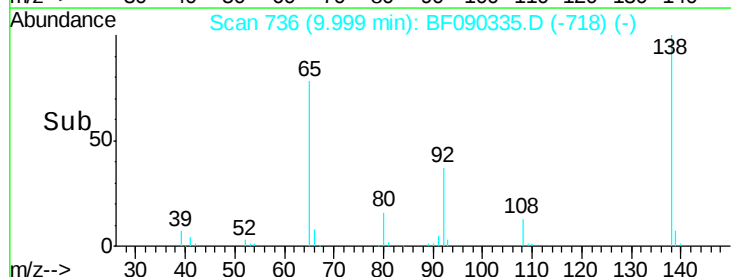
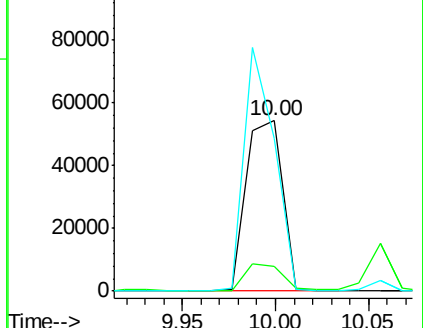
92 89.4 97.1 145.7#

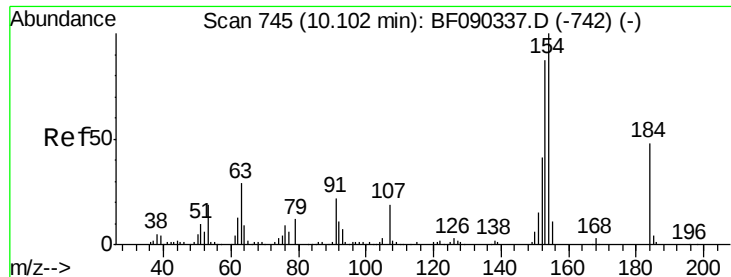


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

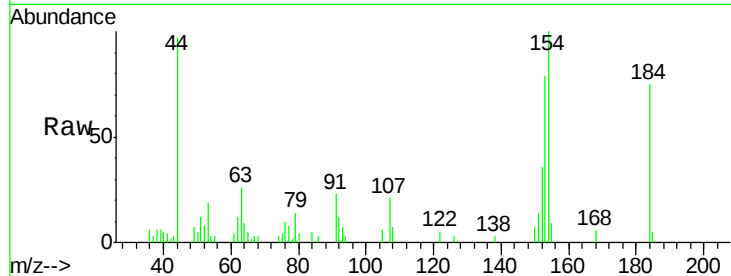




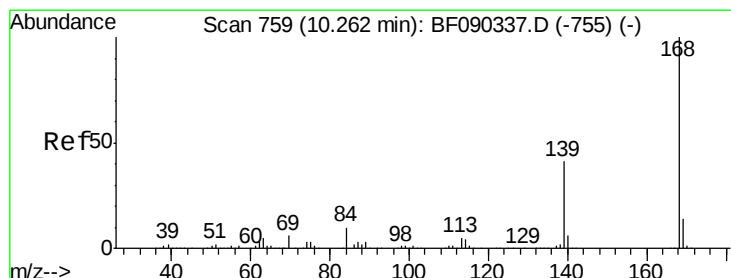
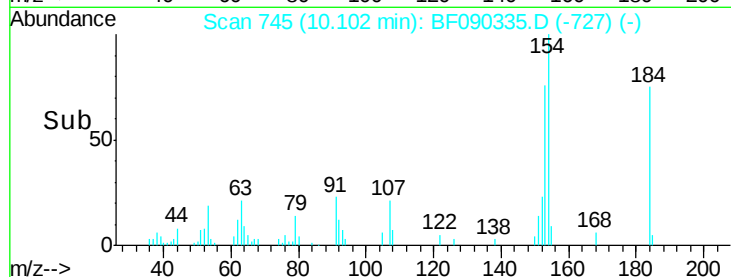
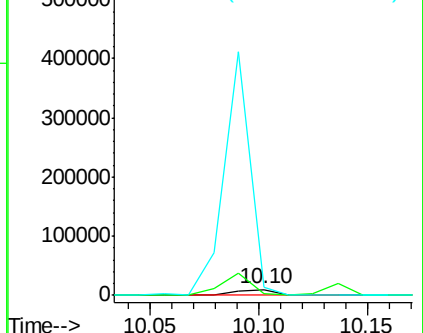
#53
2,4-Dinitrophenol
Concen: 3.06 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 11593
Ion Ratio Lower Upper
184 100
63 34.3 41.9 62.9#
154 133.1 48.9 73.3#

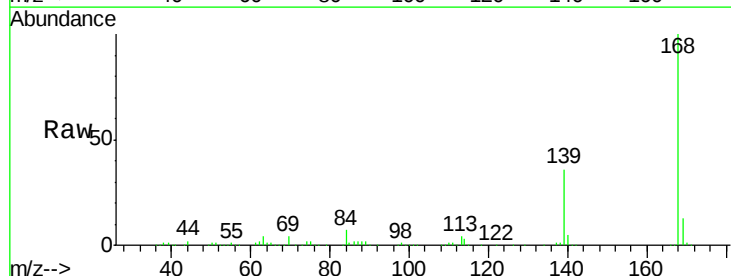


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

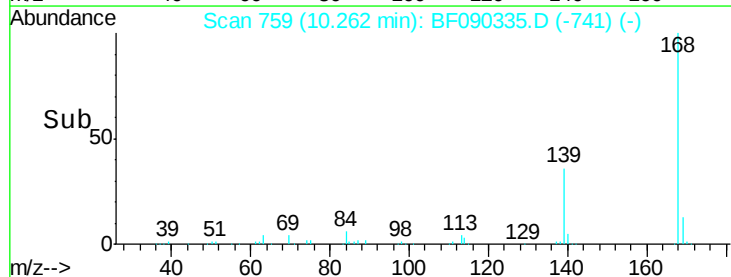
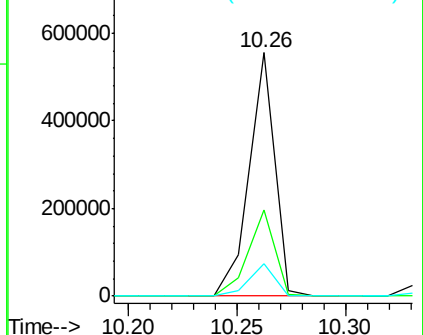


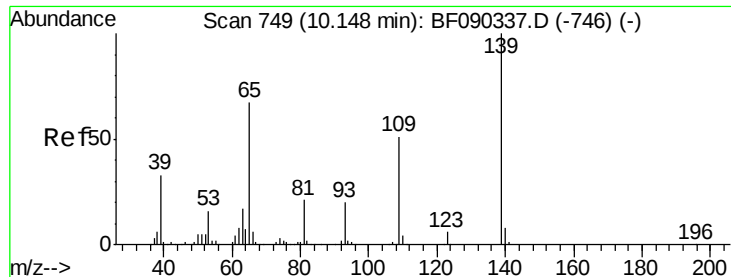
#54
Dibenzofuran
Concen: 11.11 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion:168 Resp: 454040
Ion Ratio Lower Upper
168 100
139 35.6 29.6 44.4
169 13.1 11.3 16.9



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





#55

4-Nitrophenol

Concen: 9.03 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

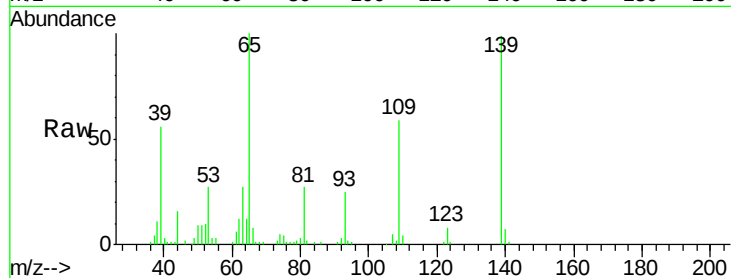
Tot Ion:139 Resp: 62865

Ion Ratio Lower Upper

139 100

109 59.6 43.6 83.6

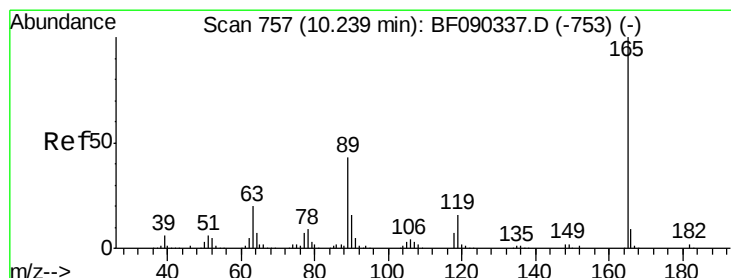
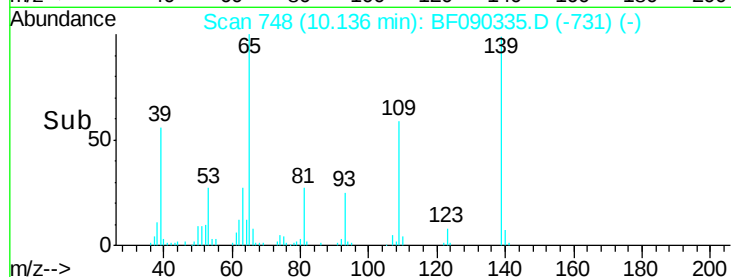
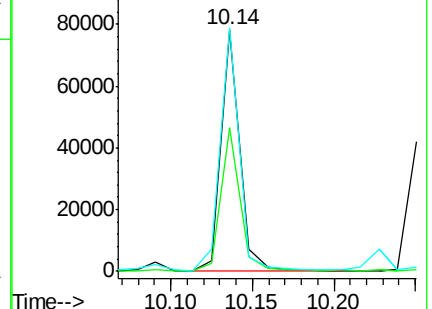
65 100.8 87.5 127.5



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): E



#56

2,4-Dinitrotoluene

Concen: 8.06 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Tgt Ion:165 Resp: 82611

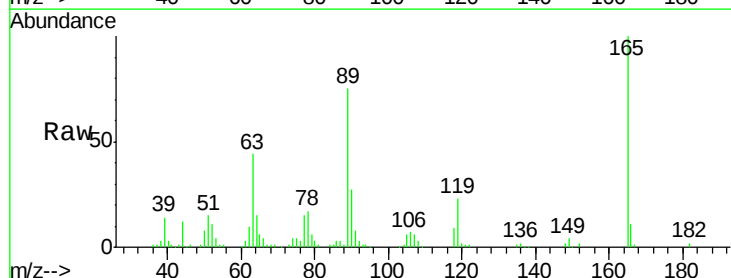
Ion Ratio Lower Upper

165 100

63 43.7 17.8 26.6#

89 75.3 33.2 49.8#

182 2.1 2.1 3.1

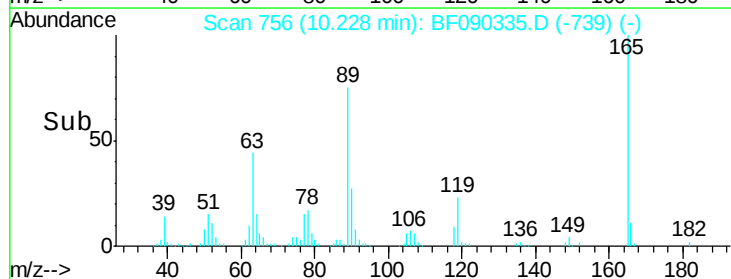
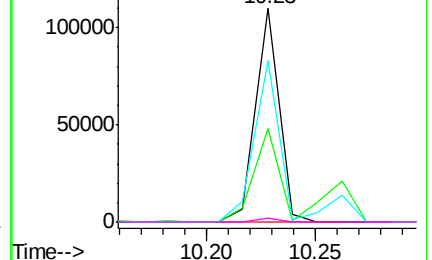


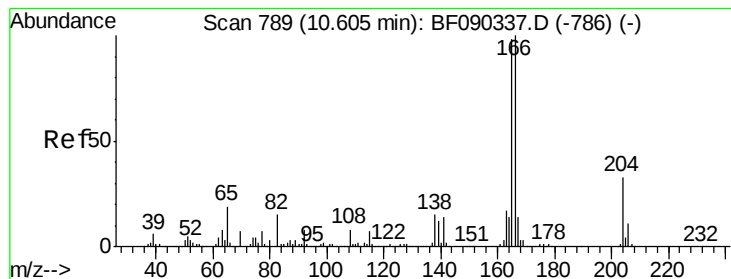
Abundance Ion 165.00 (164.70 to 165.70): E

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: 12.18 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

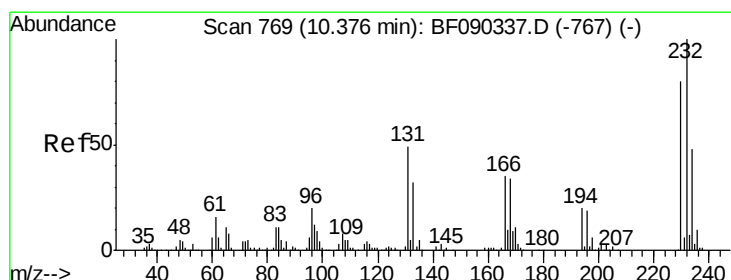
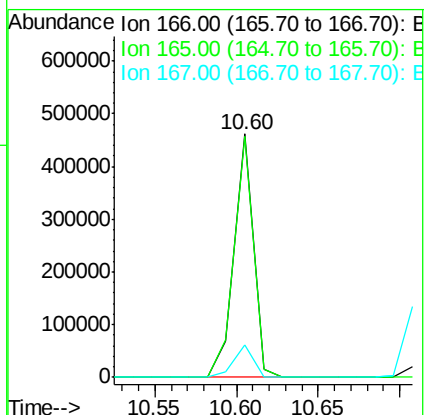
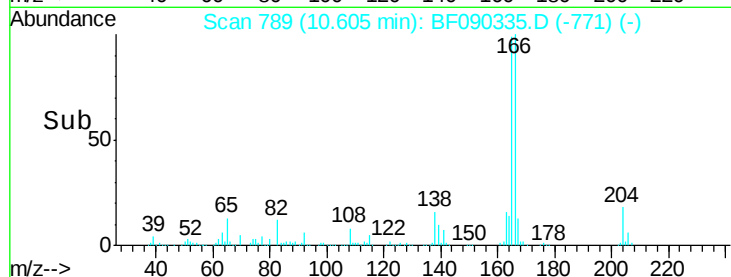
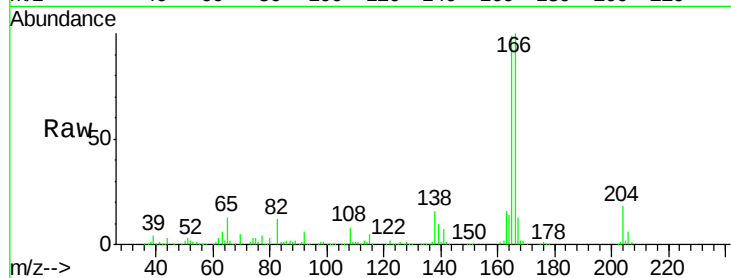
Tot Ion:166 Resp: 375307

Ion Ratio Lower Upper

166 100

165 98.8 79.2 118.8

167 13.5 11.1 16.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 9.61 ng

RT: 10.38 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Tgt Ion:232 Resp: 74365

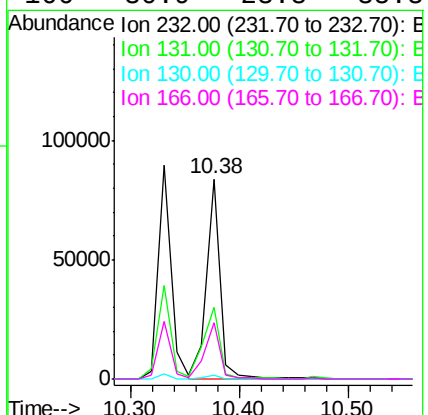
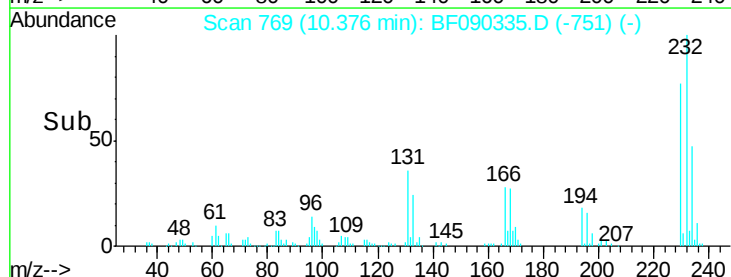
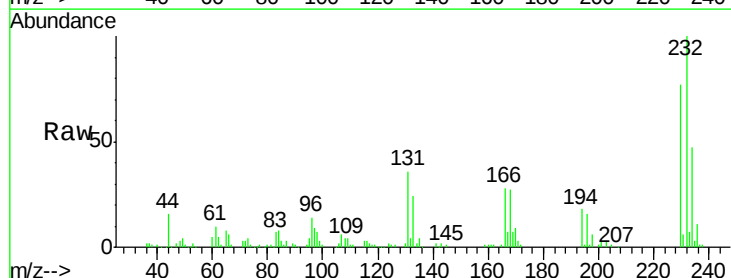
Ion Ratio Lower Upper

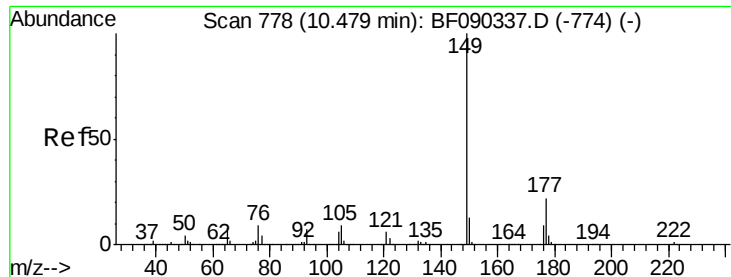
232 100

131 44.1 34.5 51.7

130 1.9 1.6 2.4

166 30.9 23.8 35.8

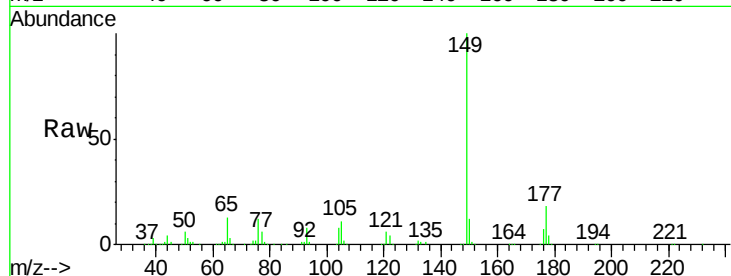




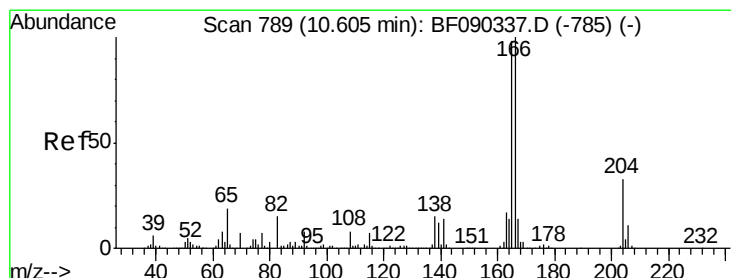
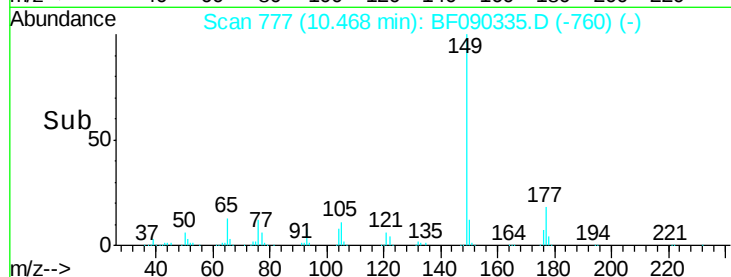
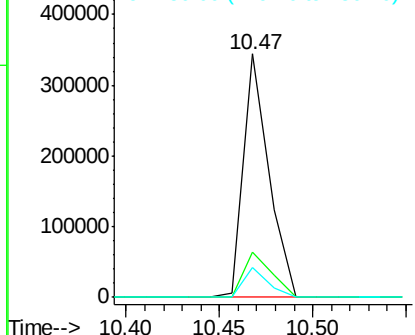
#59
Diethylphthalate
Concen: 8.68 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 326065
Ion Ratio Lower Upper
149 100
177 18.4 21.1 31.7#
150 12.3 10.2 15.2

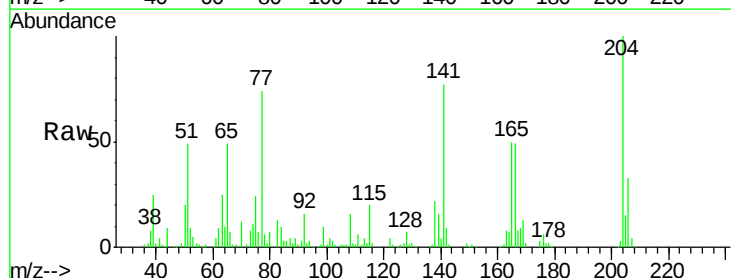


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

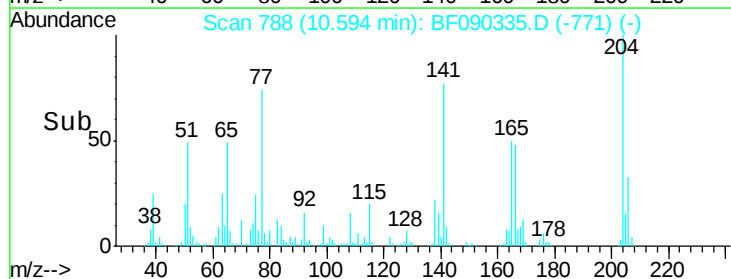
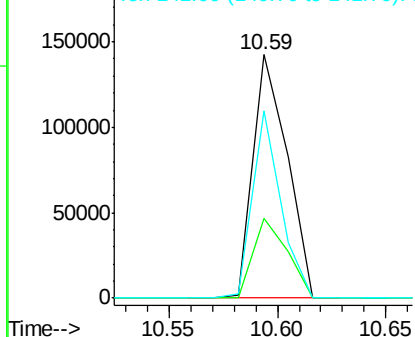


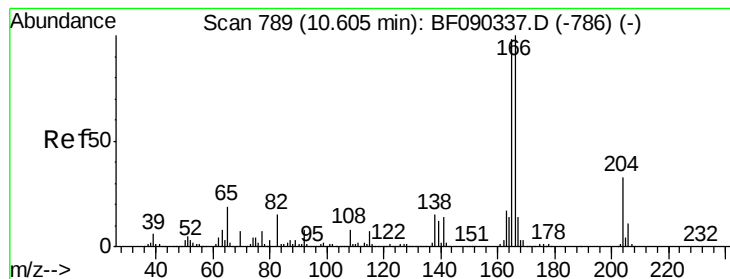
#60
4-Chlorophenyl-phenylether
Concen: 11.08 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion:204 Resp: 155695
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 77.0 51.7 77.5



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: 7.21 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampled :

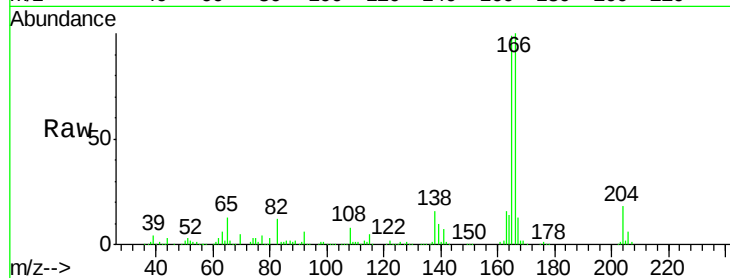
Tot Ion:138 Resp: 74657

Ion Ratio Lower Upper

138 100

92 39.1 33.2 73.2

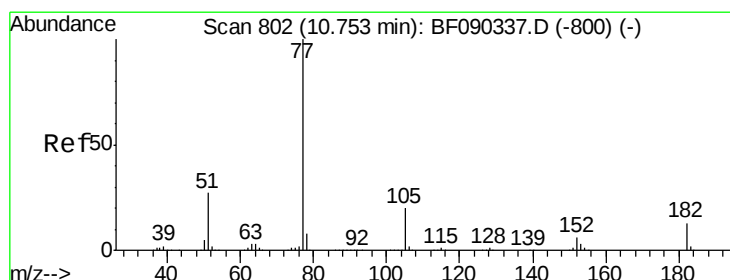
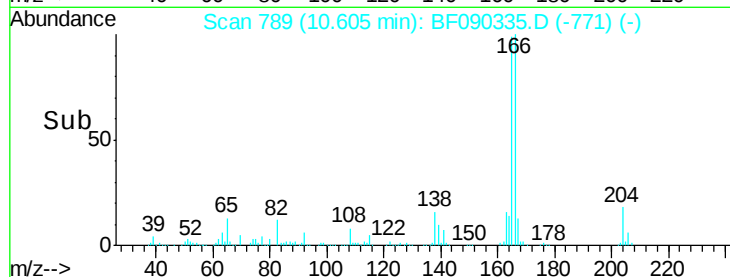
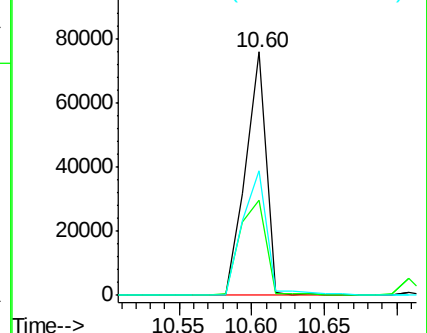
108 50.9 48.5 88.5



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: 9.34 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Tgt Ion: 77 Resp: 364938

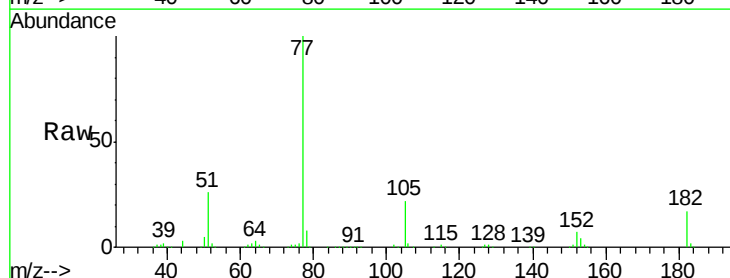
Ion Ratio Lower Upper

77 100

182 16.8 3.2 43.2

105 21.9 2.9 42.9

51 25.6 14.2 54.2

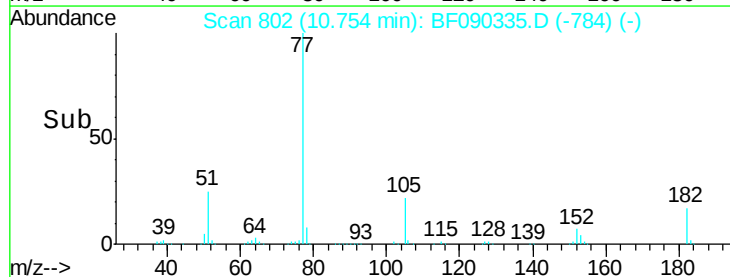
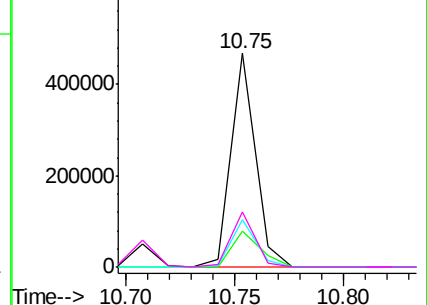


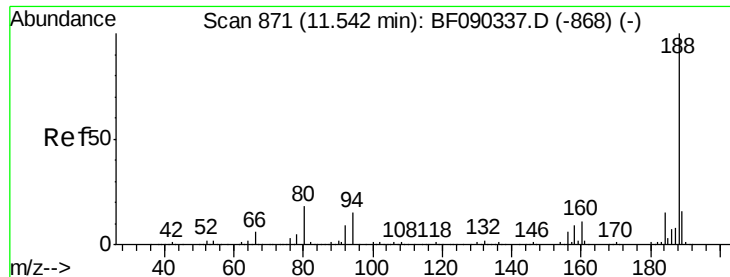
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

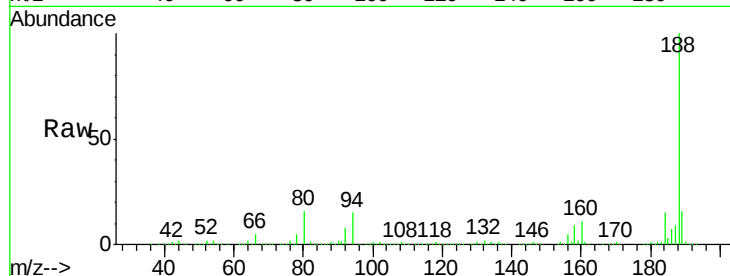




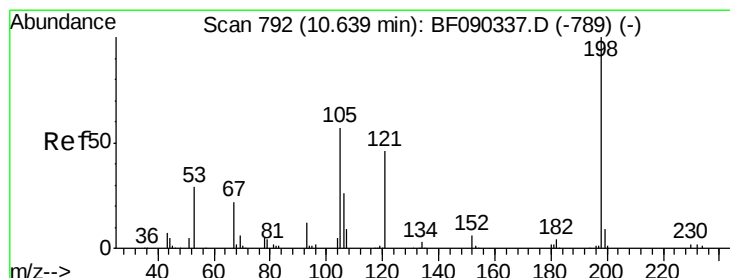
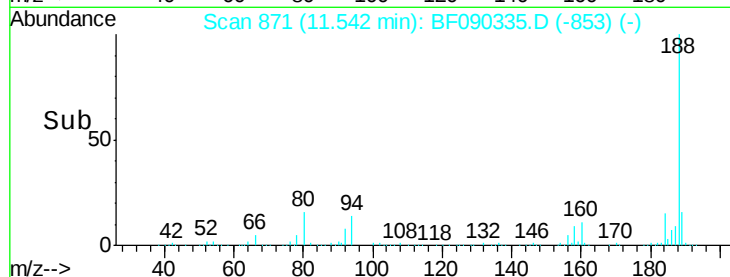
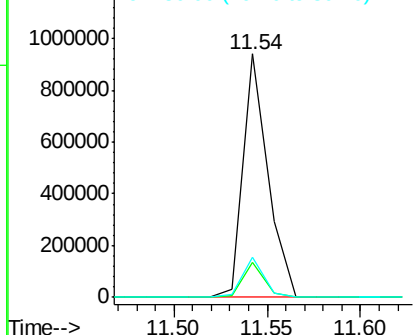
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 870557
Ion Ratio Lower Upper
188 100
94 14.5 8.2 12.2#
80 16.3 8.8 13.2#

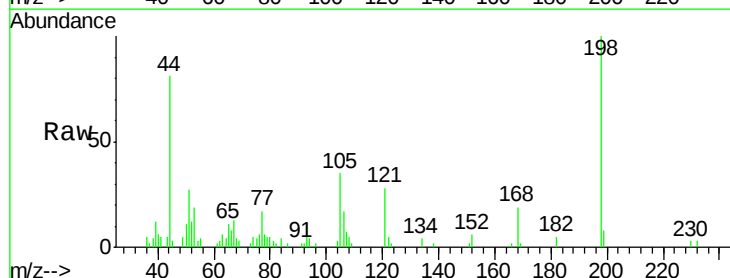


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

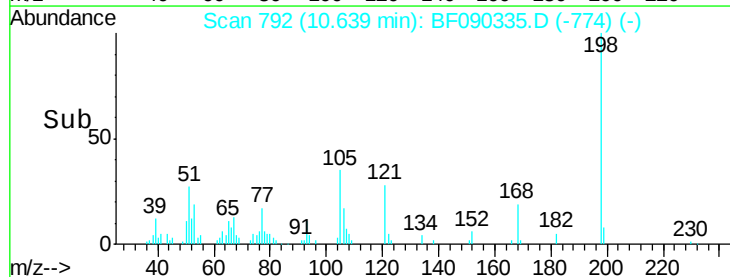
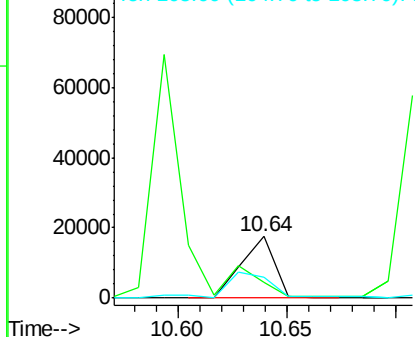


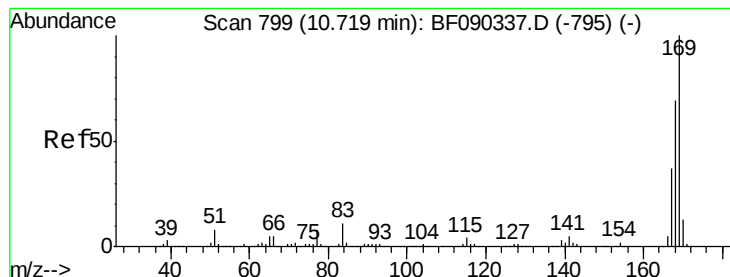
#64
4,6-Dinitro-2-methylphenol
Concen: 3.41 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion:198 Resp: 18576
Ion Ratio Lower Upper
198 100
51 26.7 67.3 107.3#
105 34.8 42.6 82.6#



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

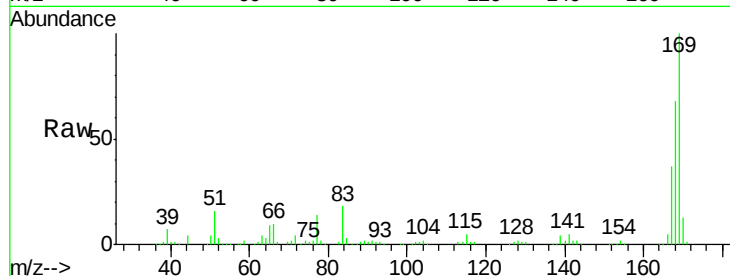




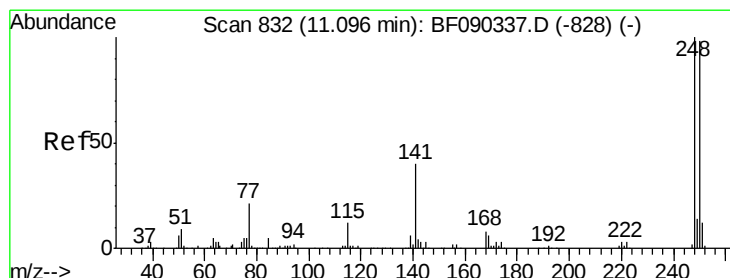
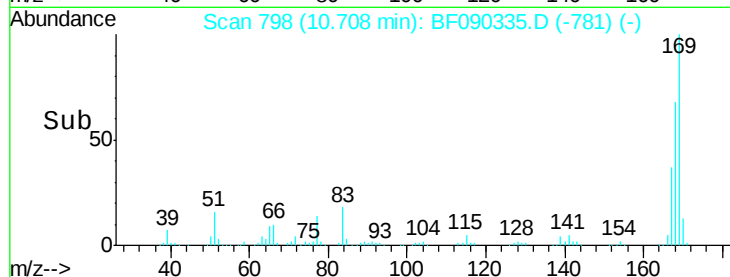
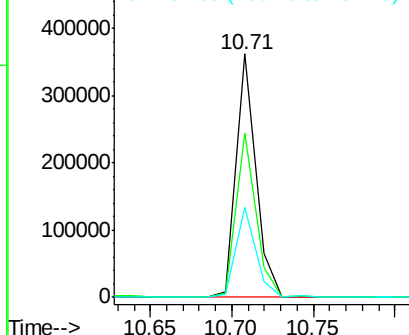
#65
 n-Nitrosodiphenylamine
 Concen: 10.48 ng
 RT: 10.71 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	67.6	53.8	80.6	
167	37.0	29.8	44.8	

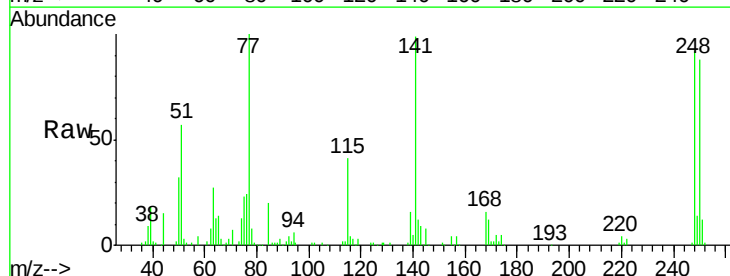


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

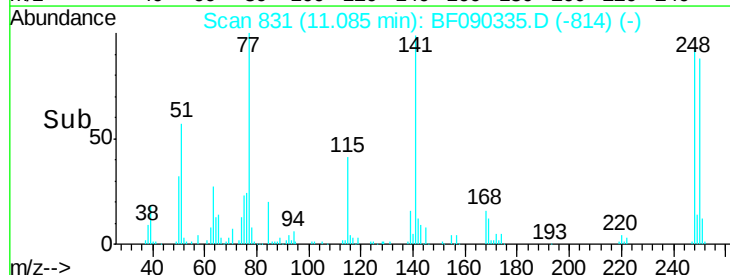
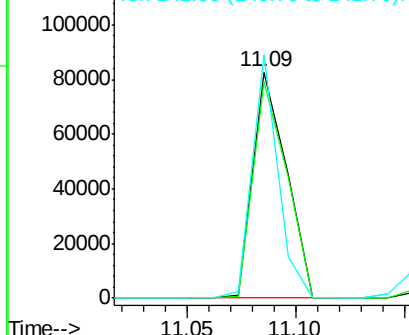


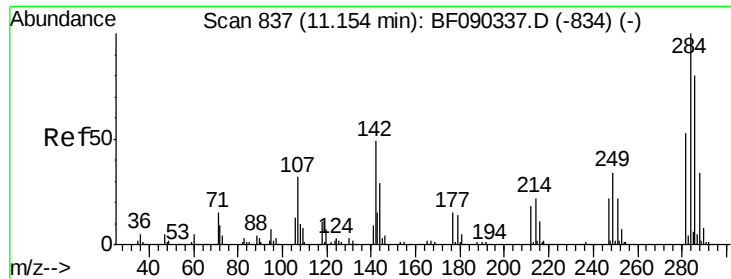
#66
 4-Bromophenyl-phenylether
 Concen: 10.32 ng
 RT: 11.09 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	95.7	76.5	114.7	
141	107.7	59.8	89.6	



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

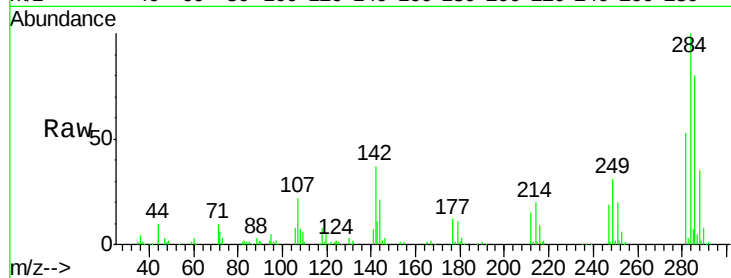




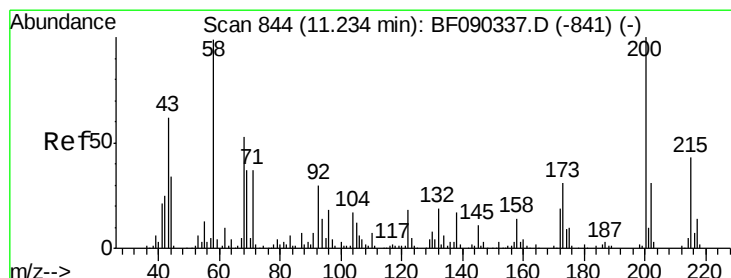
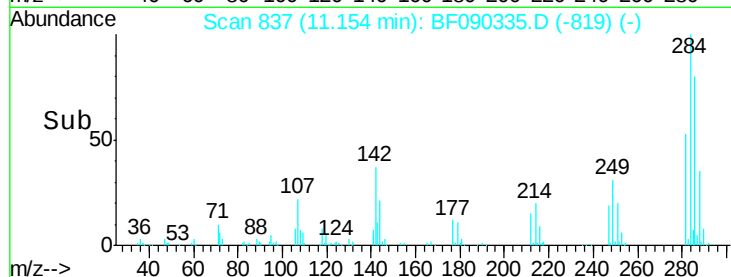
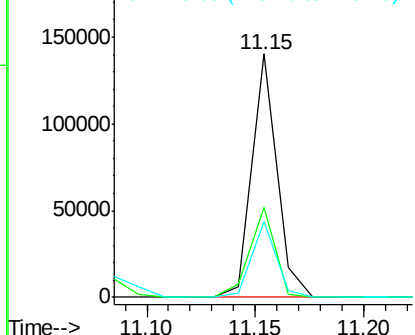
#67
Hexachlorobenzene
Concen: 11.23 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 112133
Ion Ratio Lower Upper
284 100
142 36.8 23.1 34.7#
249 31.2 26.3 39.5

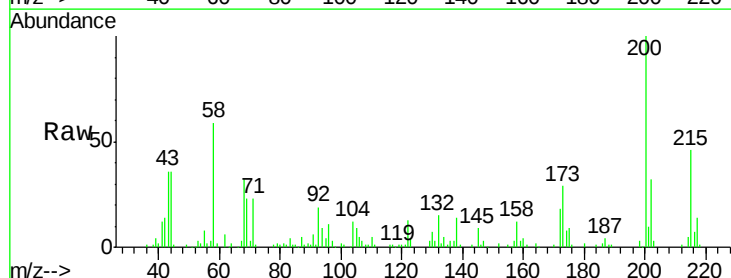


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

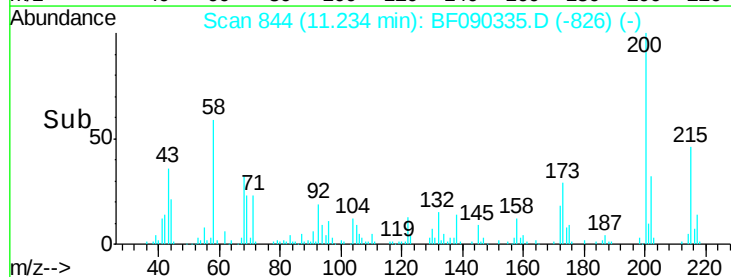
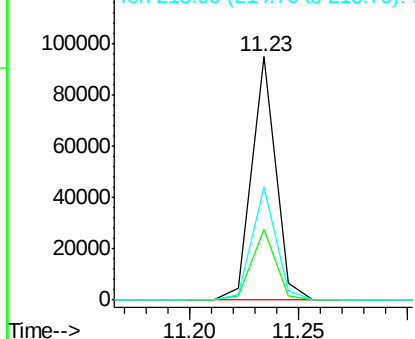


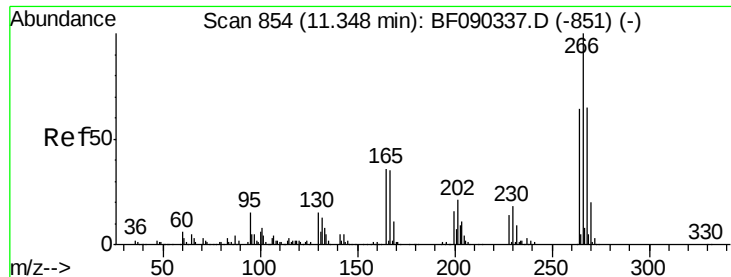
#68
Atrazine
Concen: 9.29 ng
RT: 11.23 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion:200 Resp: 72909
Ion Ratio Lower Upper
200 100
173 29.0 9.0 49.0
215 46.4 24.8 64.8



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

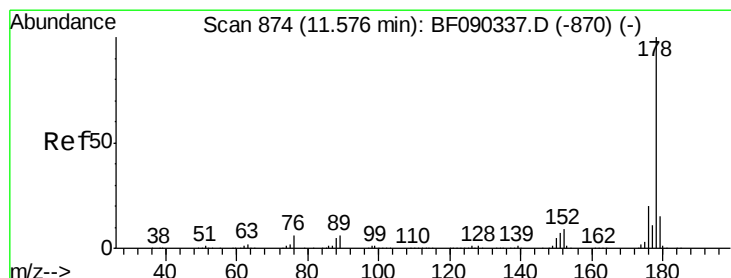
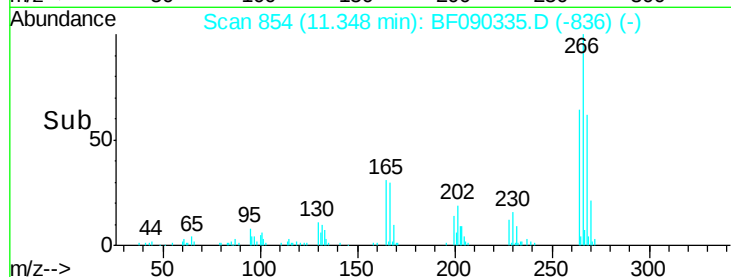
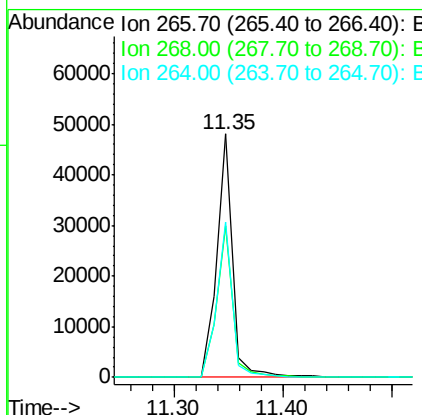
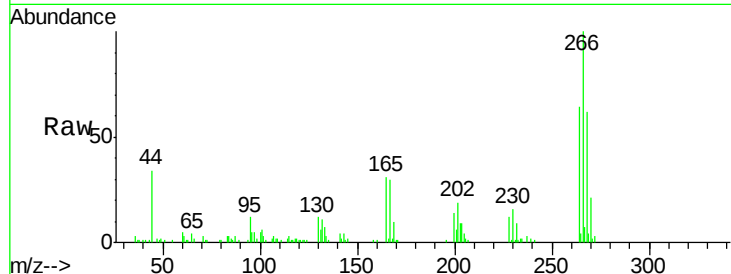




#69
 Pentachlorophenol
 Concen: 8.75 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

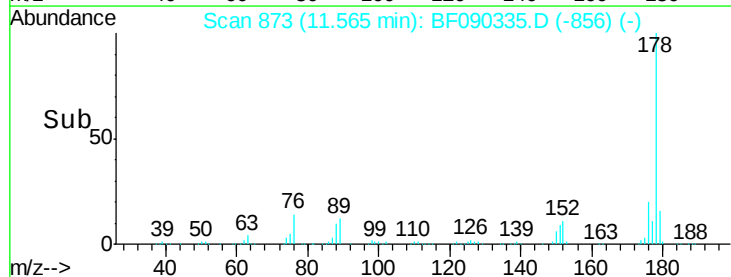
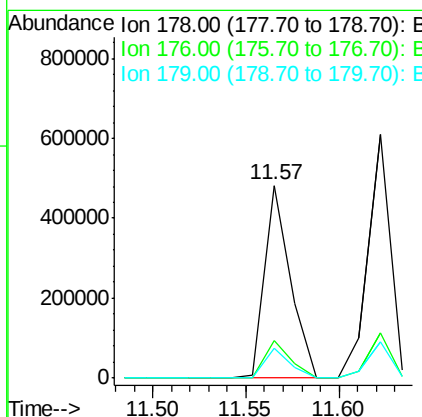
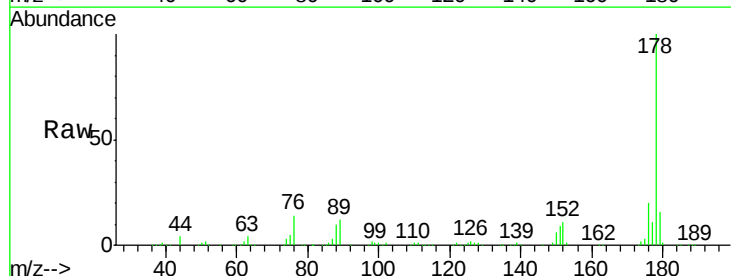
Instrument :
 BNA_F
 ClientSampleId :

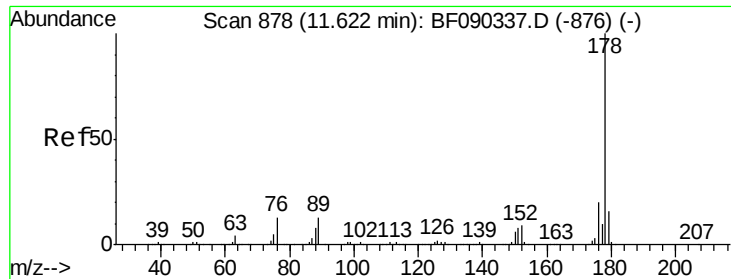
Tot Ion:266 Resp: 49599
 Ion Ratio Lower Upper
 266 100
 268 62.3 50.9 76.3
 264 64.0 51.5 77.3



#70
 Phenanthrene
 Concen: 11.46 ng
 RT: 11.57 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Tgt Ion:178 Resp: 466507
 Ion Ratio Lower Upper
 178 100
 176 19.7 17.3 25.9
 179 15.6 13.8 20.6

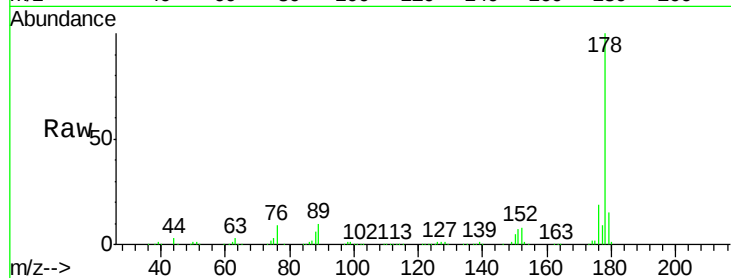




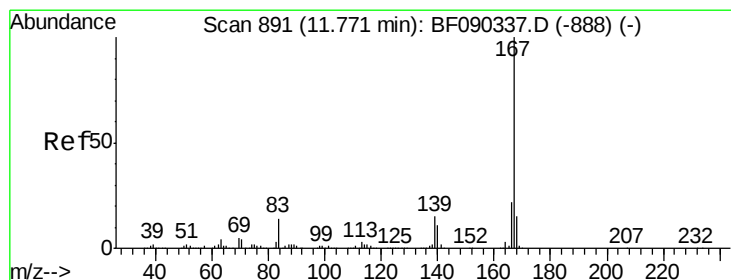
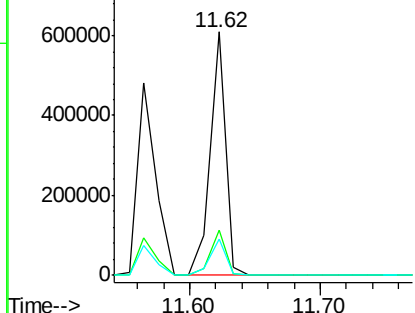
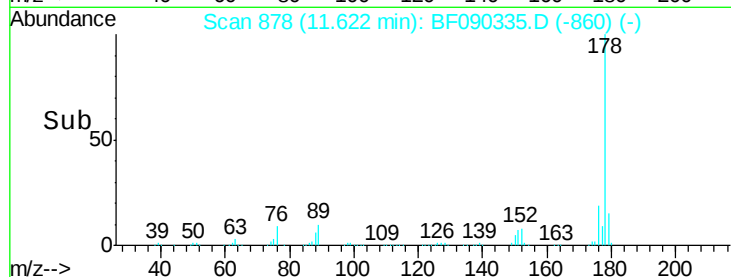
#71
 Anthracene
 Concen: 11.75 ng
 RT: 11.62 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 501839
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.8 25.2
 179 15.1 13.4 20.2

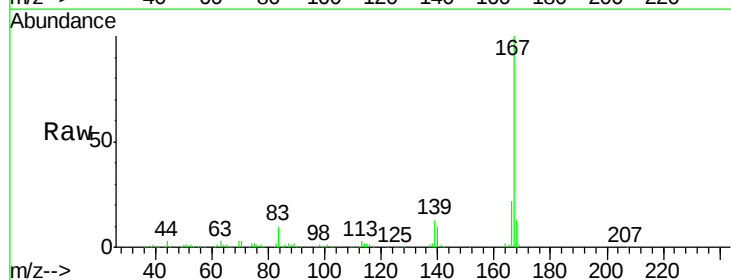


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

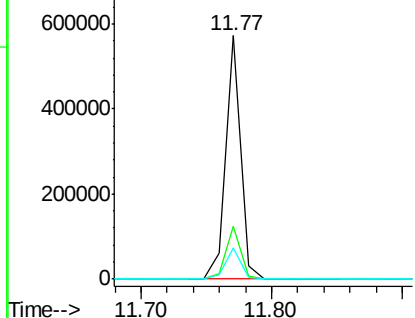
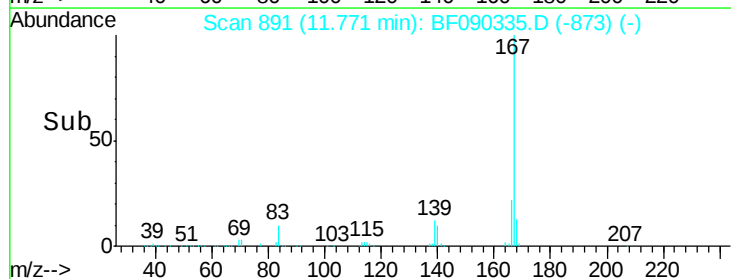


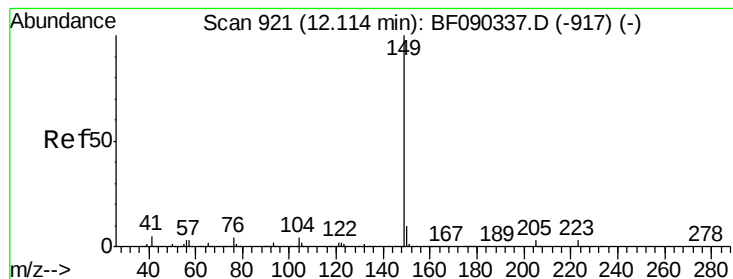
#72
 Carbazole
 Concen: 10.15 ng
 RT: 11.77 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Tgt Ion:167 Resp: 458344
 Ion Ratio Lower Upper
 167 100
 166 21.5 19.1 28.7
 139 13.0 12.1 18.1



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: 9.17 ng

RT: 12.11 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

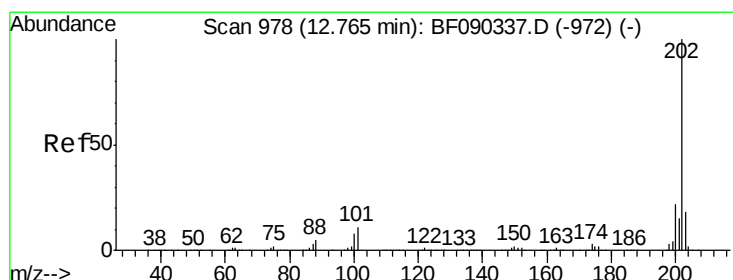
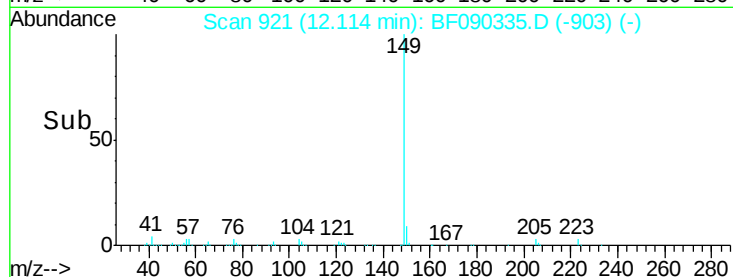
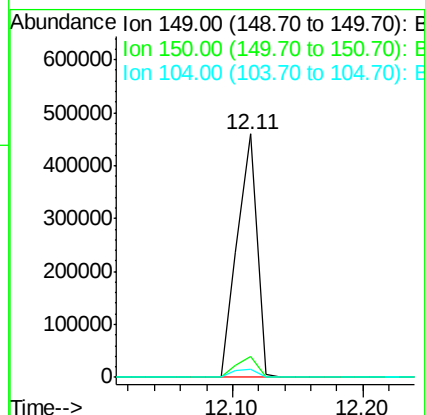
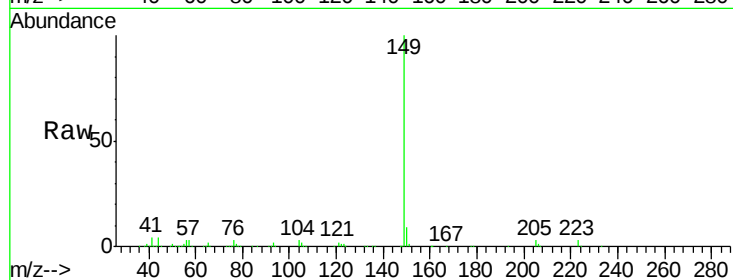
Tot Ion:149 Resp: 481222

Ion Ratio Lower Upper

149 100

150 8.6 8.6 12.8

104 3.4 4.7 7.1#



#74

Fluoranthene

Concen: 10.07 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

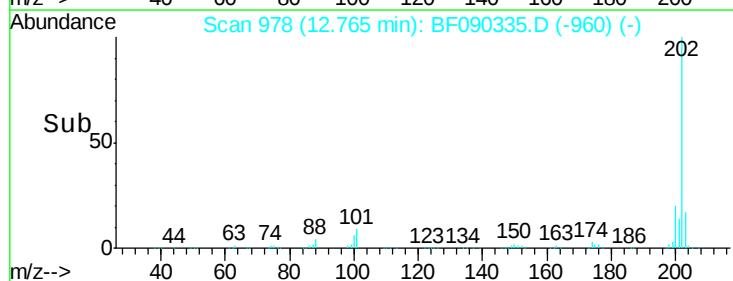
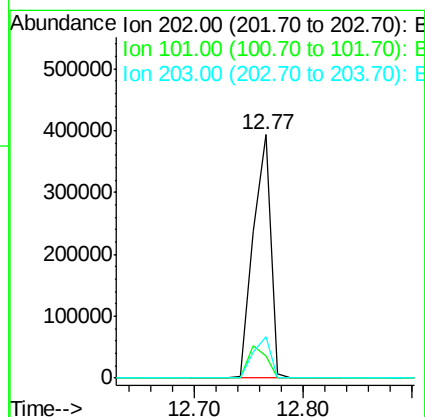
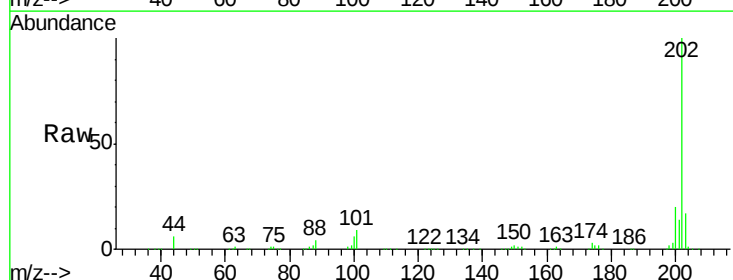
Tgt Ion:202 Resp: 440063

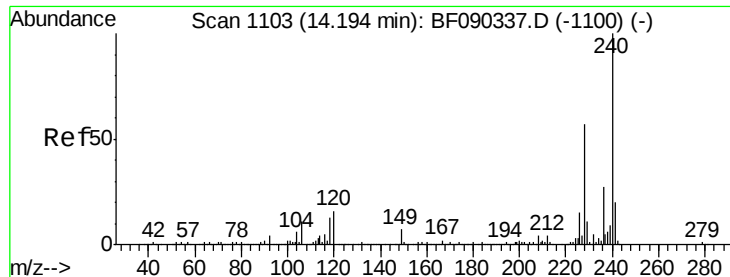
Ion Ratio Lower Upper

202 100

101 9.0 0.0 37.2

203 16.8 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampled :

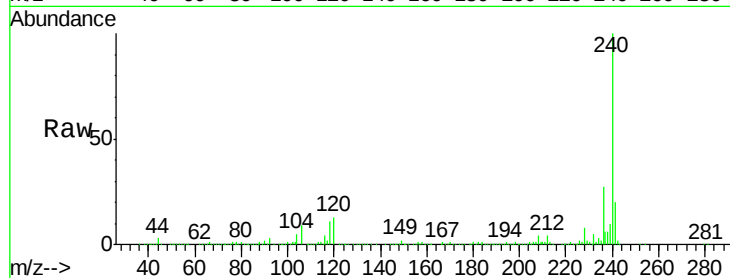
Tot Ion:240 Resp: 723523

Ion Ratio Lower Upper

240 100

120 13.0 8.6 13.0#

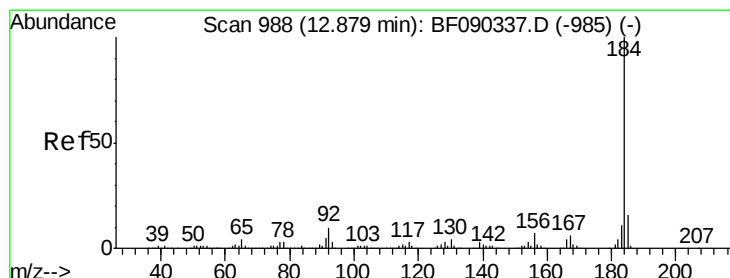
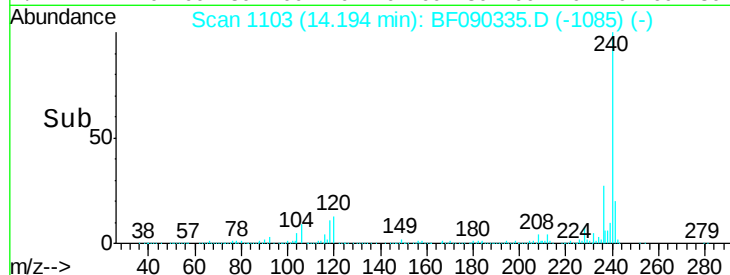
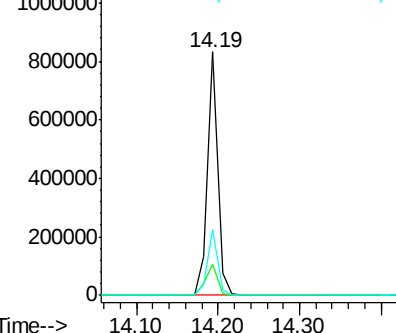
236 27.2 21.6 32.4



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: 7.69 ng

RT: 12.88 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

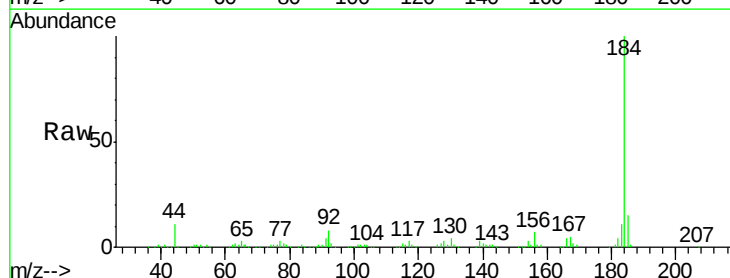
Tgt Ion:184 Resp: 186250

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

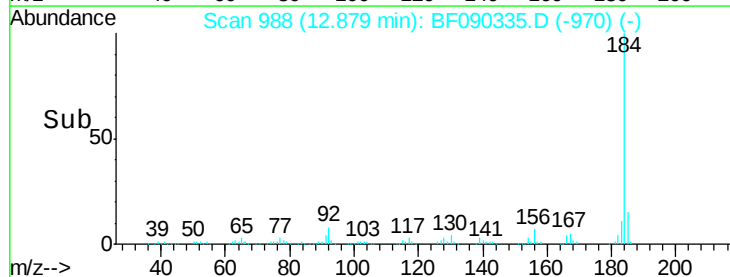
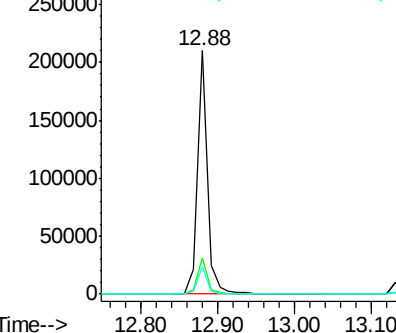
183 11.1 9.6 14.4

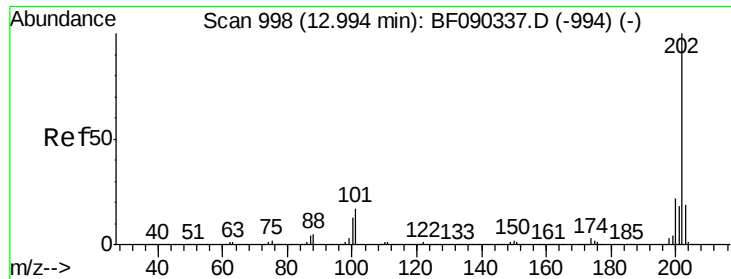


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

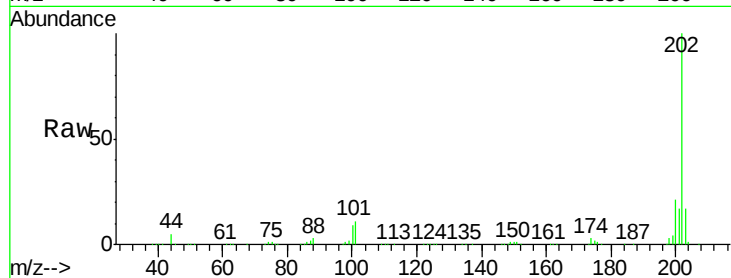




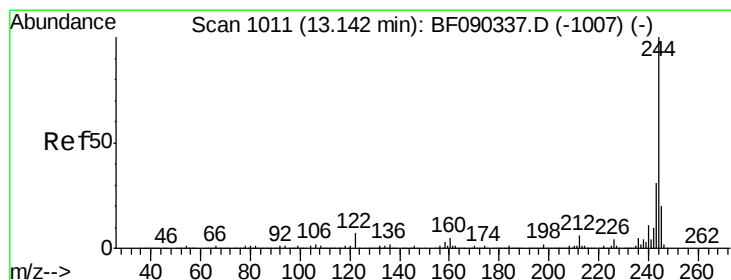
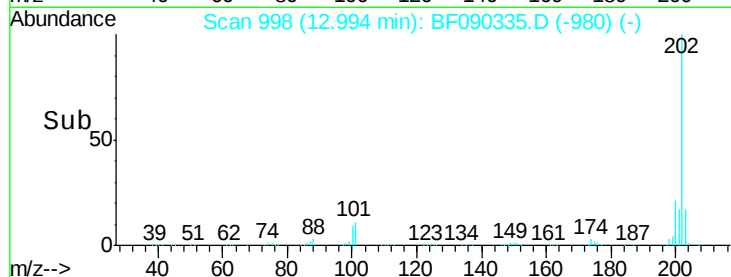
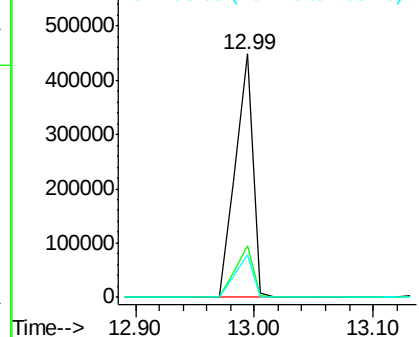
#77
 Pvrene
 Concen: 9.36 ng
 RT: 12.99 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	18.5	27.7
203	17.4	15.0	22.6

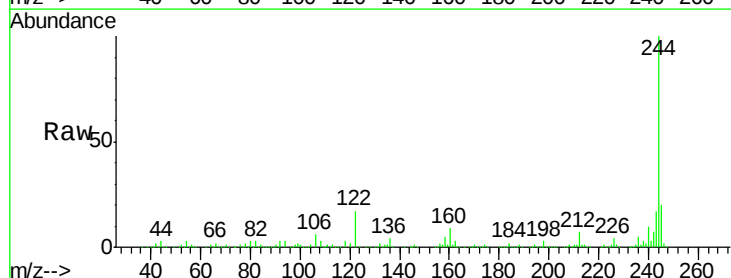


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

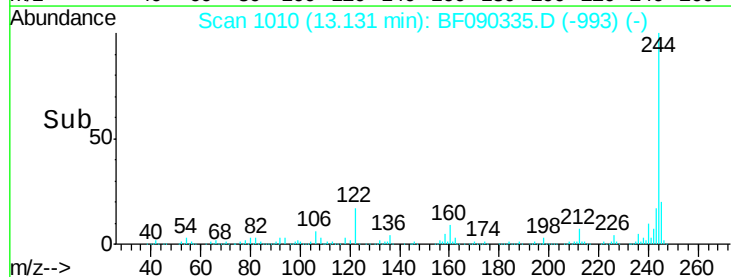
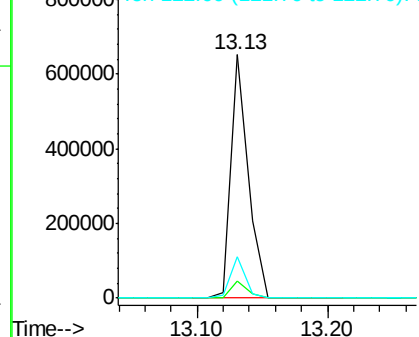


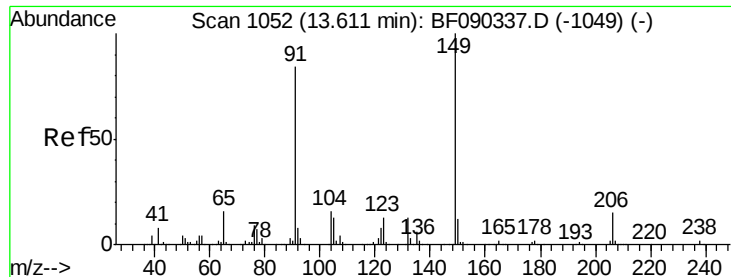
#78
 Terphenyl-d14
 Concen: 21.15 ng
 RT: 13.13 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.8	10.2
122	16.8	13.3	19.9



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: 6.69 ng

RT: 13.61 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

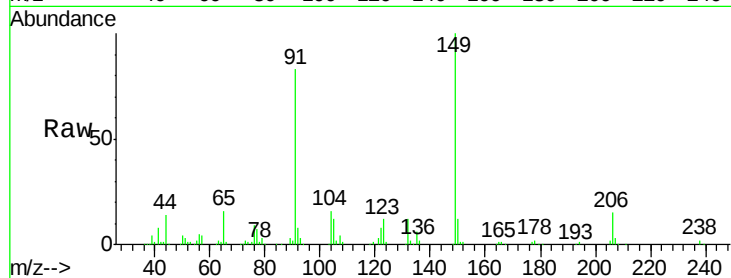
Tot Ion:149 Resp: 161996

Ion Ratio Lower Upper

149 100

91 82.5 51.8 77.8#

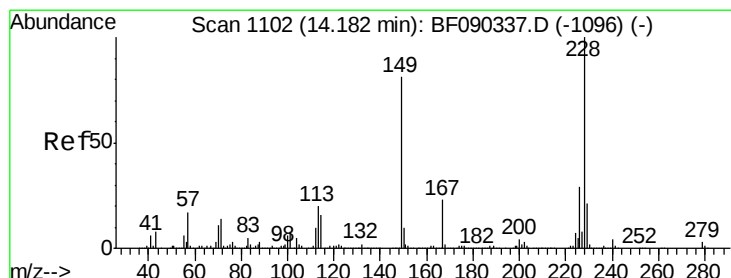
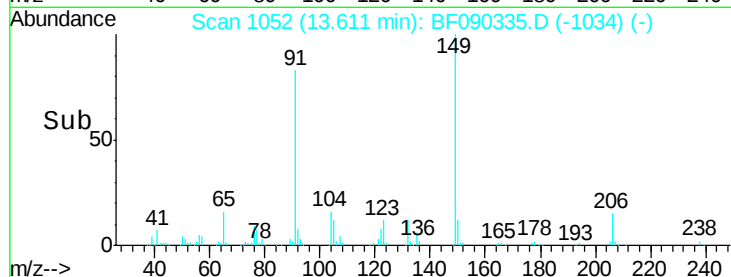
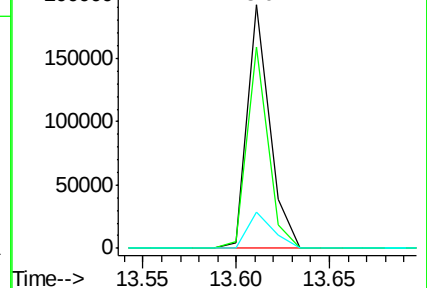
206 14.8 18.0 27.0#



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: 10.34 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

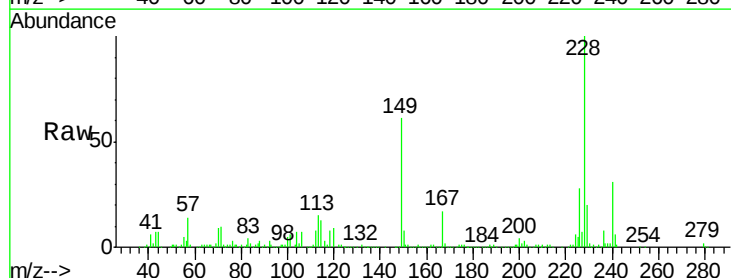
Tgt Ion:228 Resp: 402323

Ion Ratio Lower Upper

228 100

226 28.0 23.6 35.4

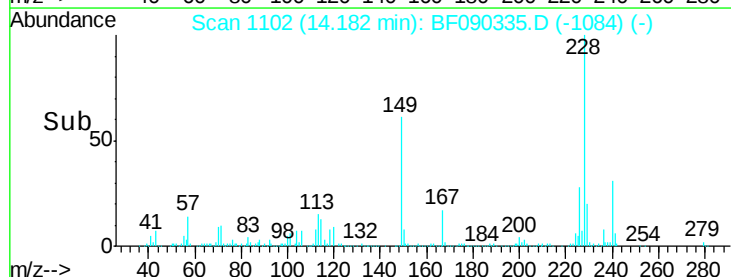
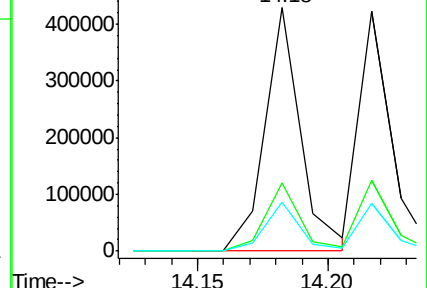
229 20.3 16.6 25.0

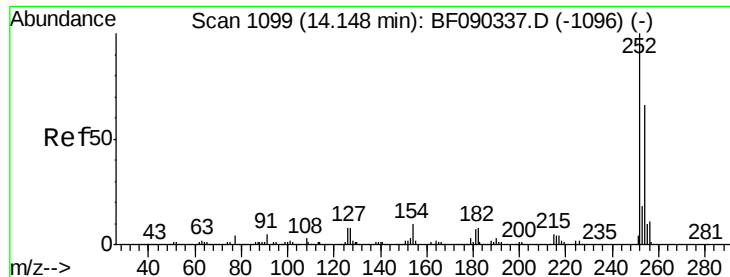


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

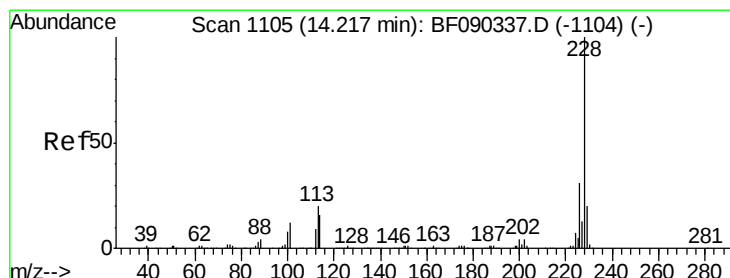
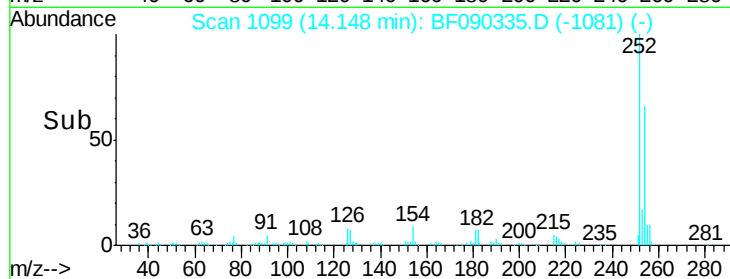
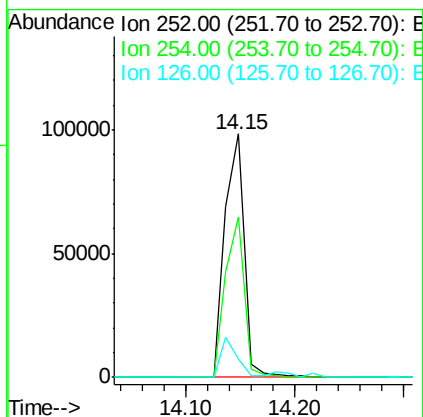
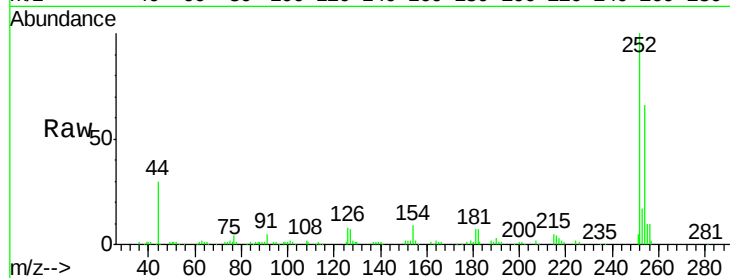




#81
 3,3'-Dichlorobenzidine
 Concen: 7.56 ng
 RT: 14.15 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

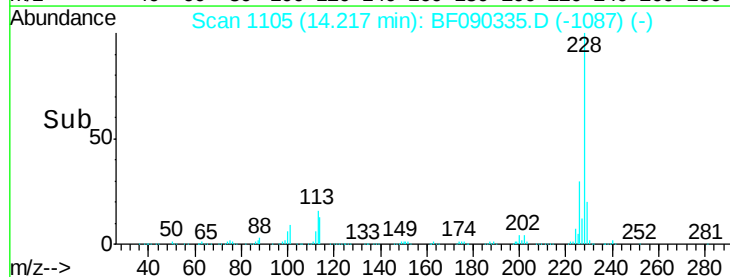
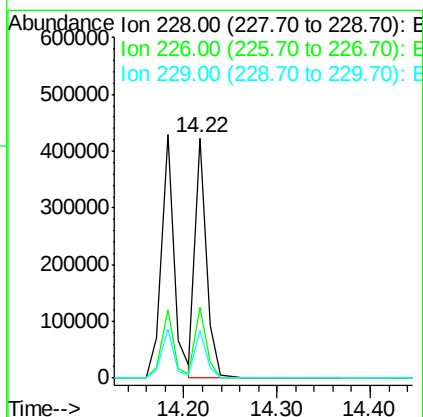
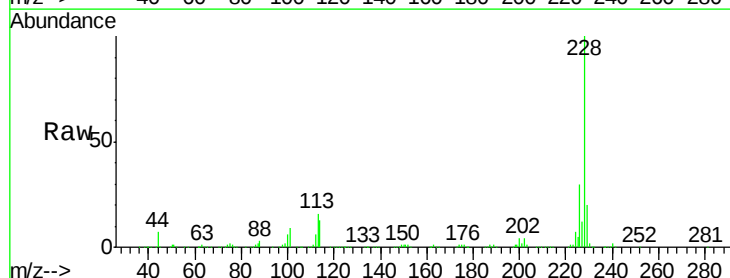
Instrument :
 BNA_F
 ClientSampleId :

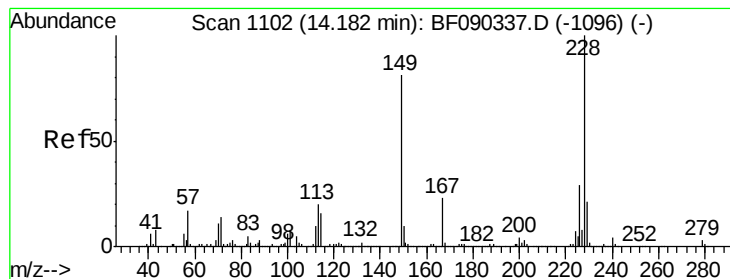
Tot Ion:252 Resp: 121371
 Ion Ratio Lower Upper
 252 100
 254 65.7 52.1 78.1
 126 7.5 4.2 6.4#



#82
 Chrysene
 Concen: 9.56 ng
 RT: 14.22 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Tgt Ion:228 Resp: 362516
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.8 38.6
 229 19.9 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.98 ng

RT: 14.18 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

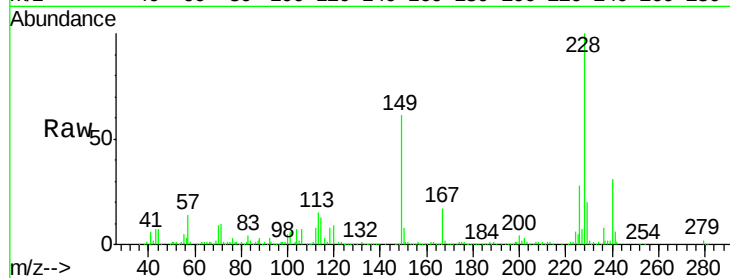
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 247218

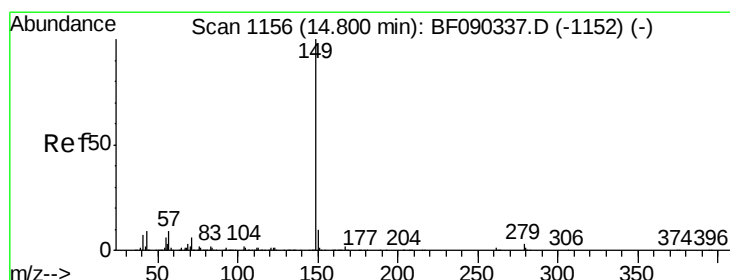
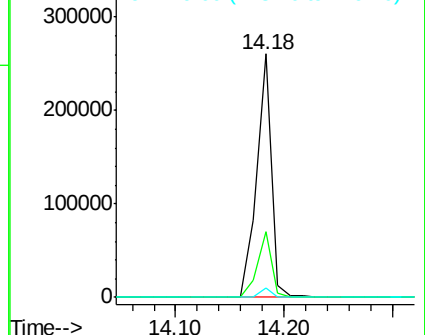
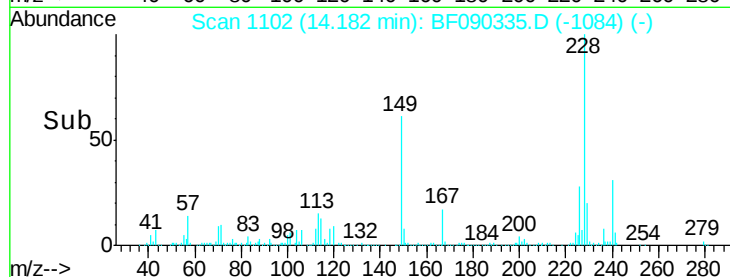
Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	3.7	2.6	3.8



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: 6.81 ng

RT: 14.80 min Scan# 1156

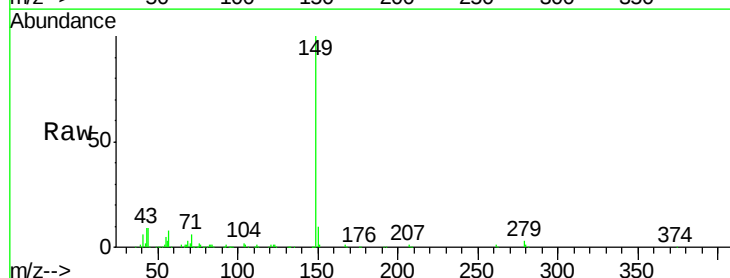
Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Tgt Ion:149 Resp: 363625

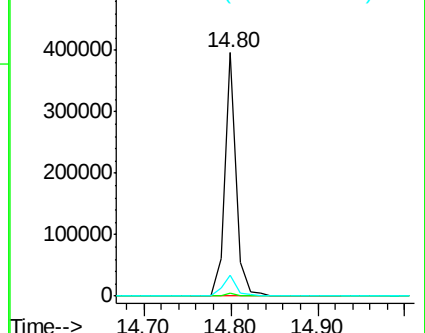
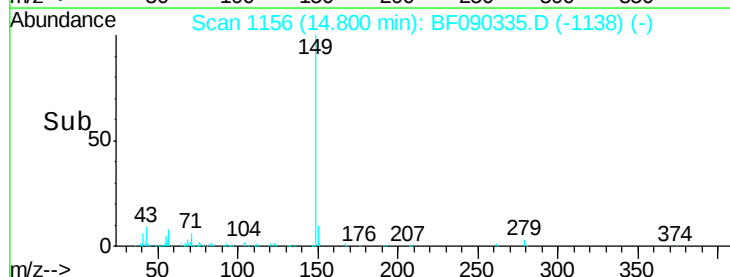
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.2	11.8	17.8

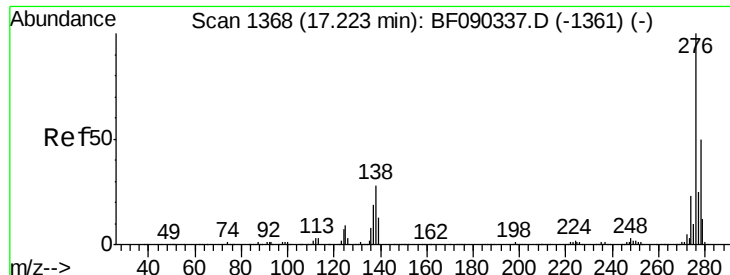


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

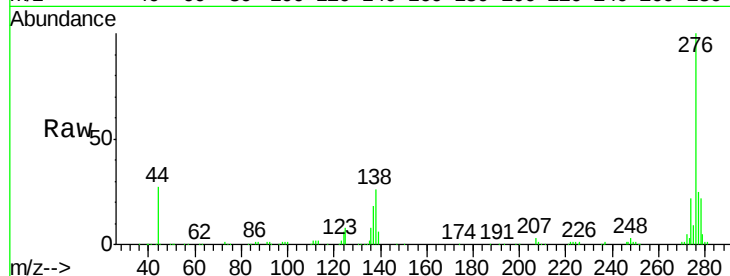




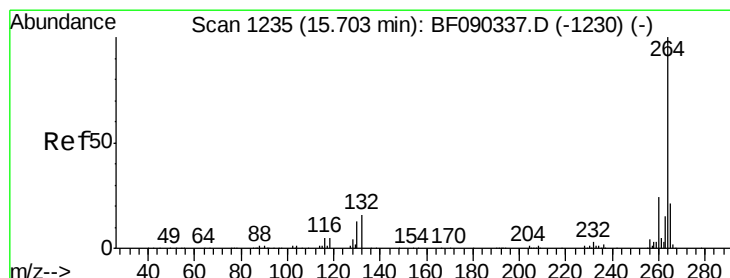
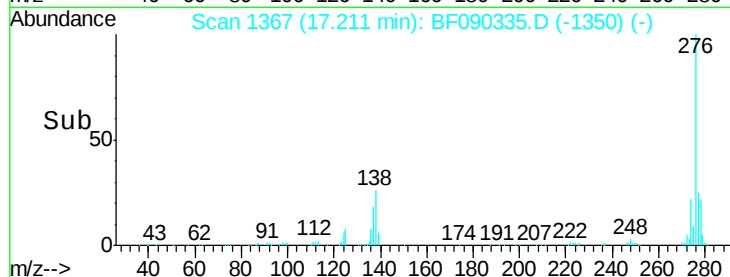
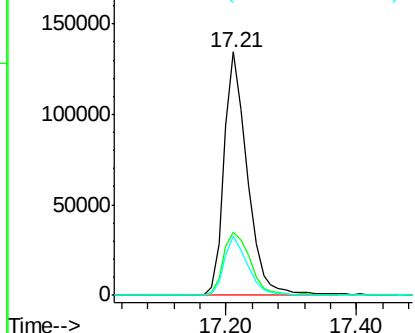
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.85 ng
RT: 17.21 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.6	23.8	35.8
277	24.6	20.4	30.6

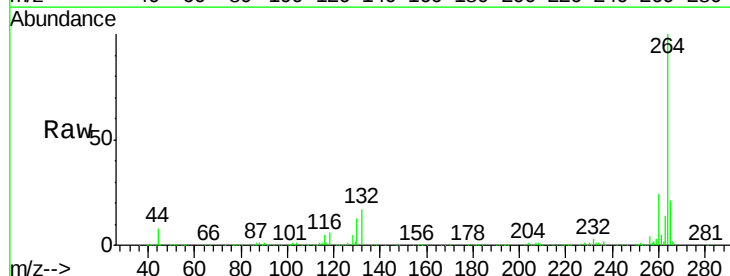


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

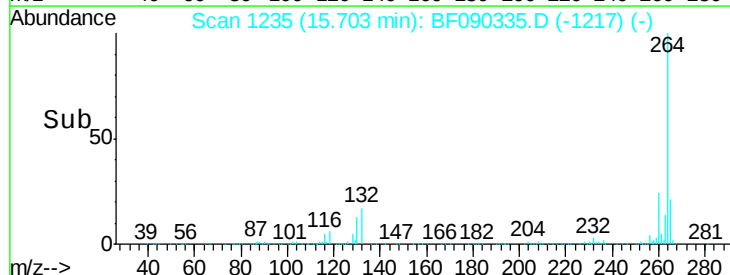
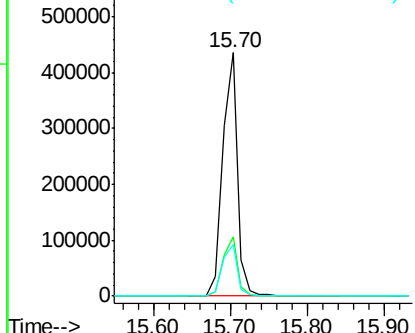


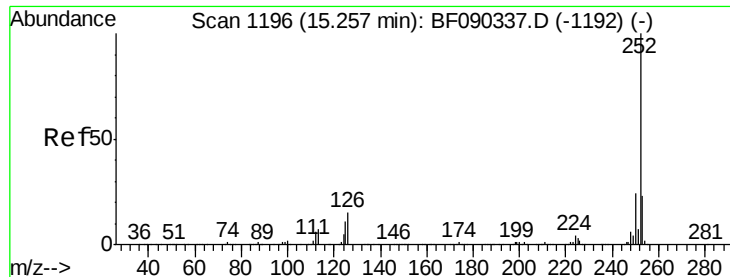
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.4	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

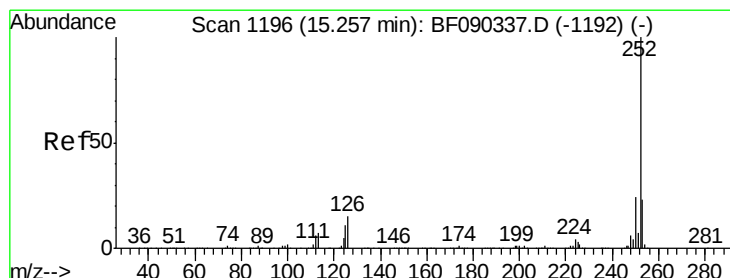
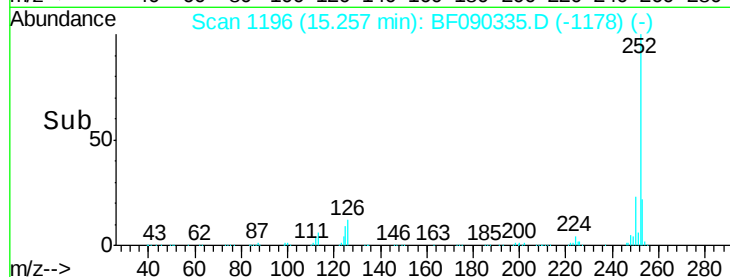
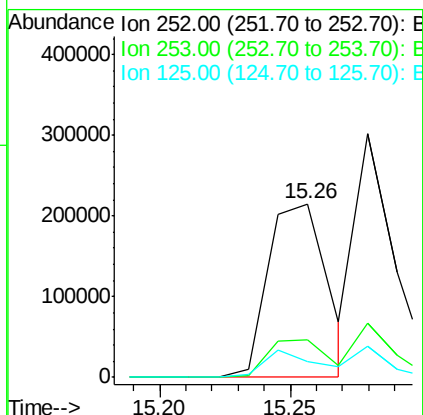
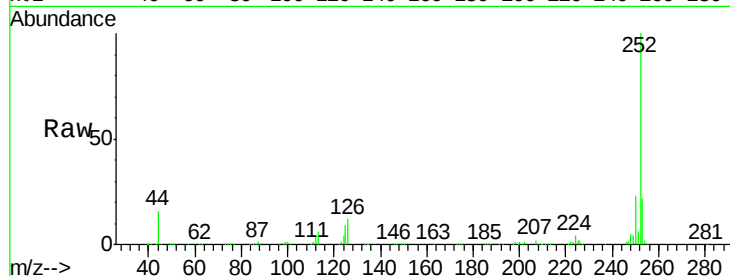




#87
Benzo(b)fluoranthene
Concen: 10.37 ng
RT: 15.26 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

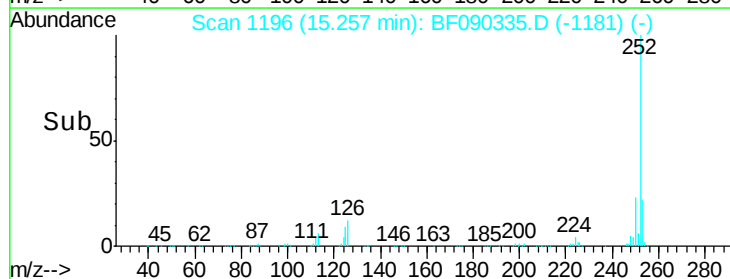
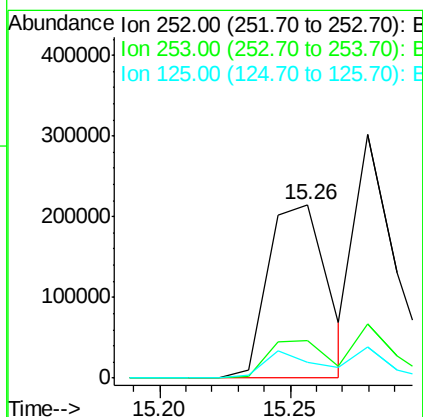
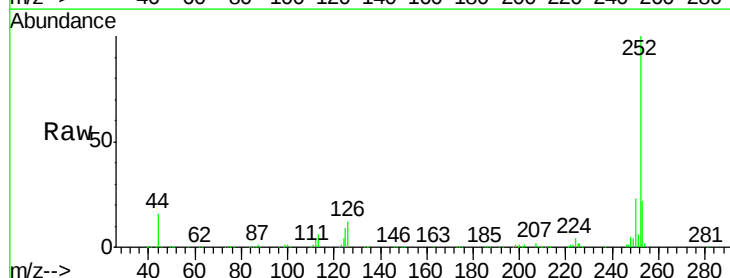
Instrument :
BNA_F
ClientSampleId :

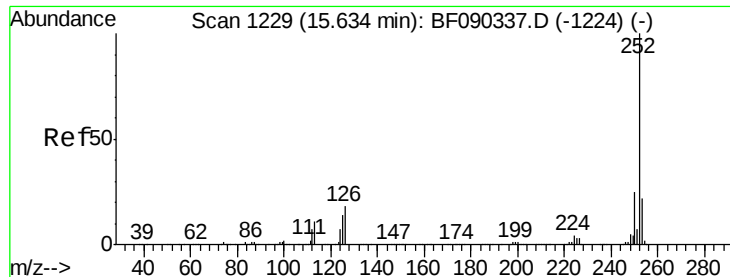
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.9	7.0	10.4



#88
Benzo(k)fluoranthene
Concen: 11.05 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BF090335.D
Acq: 4 Oct 2016 11:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	8.9	11.7	17.5#





#89

Benzo(a)pyrene

Concen: 9.84 ng

RT: 15.63 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

Instrument :

BNA_F

ClientSampleId :

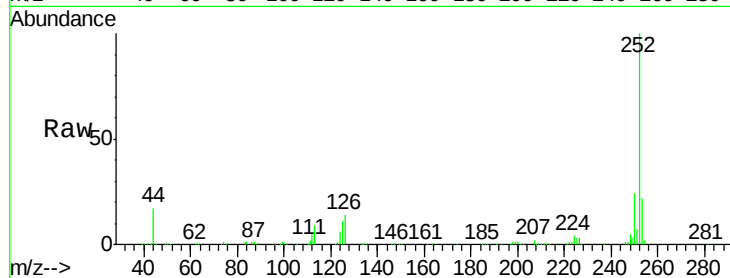
Tot Ion:252 Resp: 304440

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

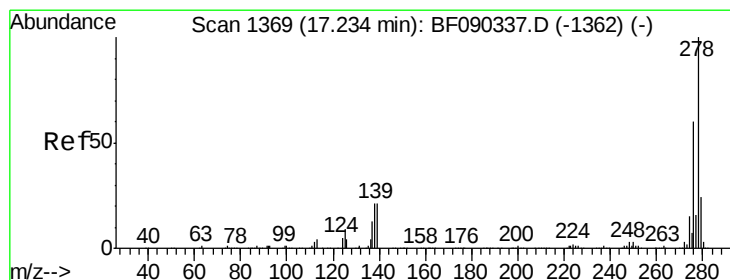
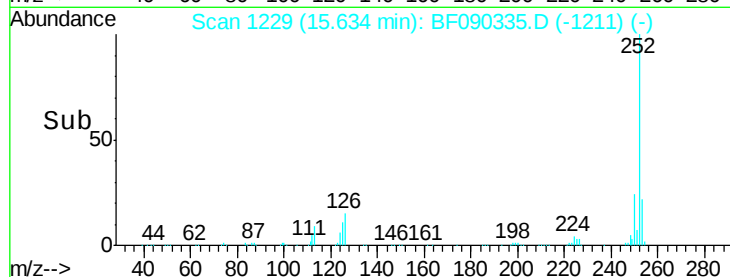
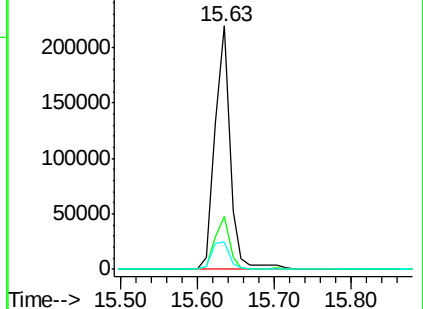
125 11.3 9.8 14.8



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: 11.60 ng

RT: 17.23 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF090335.D

Acq: 4 Oct 2016 11:06

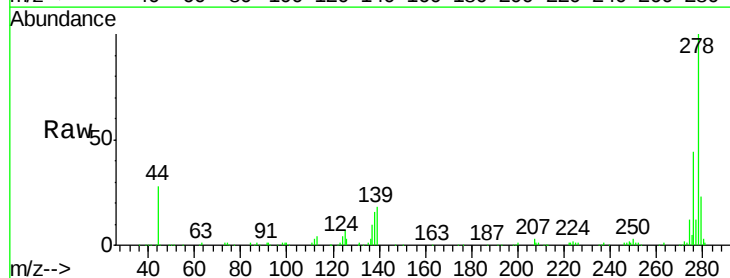
Tgt Ion:278 Resp: 280081

Ion Ratio Lower Upper

278 100

139 17.9 12.8 19.2

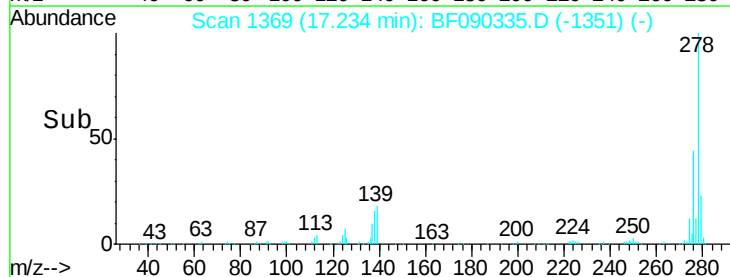
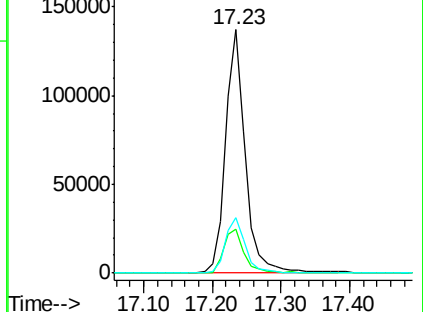
279 23.0 19.6 29.4

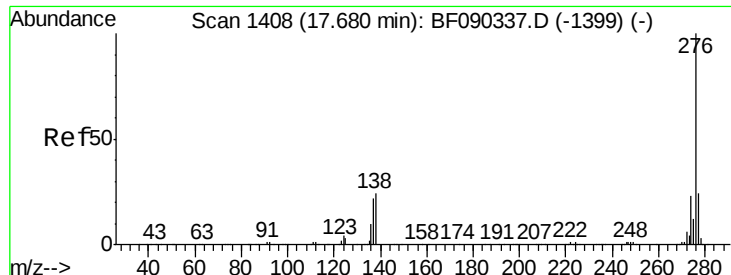


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

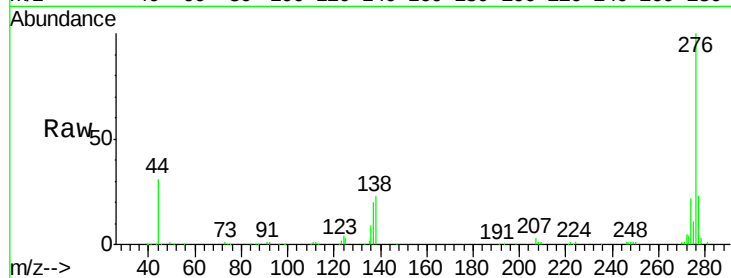




#91
 Benzo(a,h,i)perylene
 Concen: 11.74 ng
 RT: 17.67 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF090335.D
 Acq: 4 Oct 2016 11:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.4	29.0
138	23.5	20.8	31.2



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

