

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102116\
 Data File : BF090715.D
 Acq On : 21 Oct 2016 16:13
 Operator : UM/SJ
 Sample : PB94239BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Quant Time: Oct 21 23:23:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	292350	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1246526	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	636664	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	955683	20.00	ng	0.00
75) Chrysene-d12	14.03	240	702364	20.00	ng	0.01
86) Perylene-d12	15.46	264	466885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1766658	97.46	ng	0.02
7) Phenol-d6	6.50	99	2444234	99.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	1556984	68.51	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	576634	114.43	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2760795	67.32	ng	0.00
78) Terphenyl-d14	12.97	244	2254891	73.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	270448	25.78	ng	85
3) Pyridine	3.37	79	753581	30.66	ng	# 77
4) n-Nitrosodimethylamine	3.32	42	289746	34.45	ng	84
6) Aniline	6.52	93	699083	25.11	ng	# 34
8) 2-Chlorophenol	6.65	128	766952	35.25	ng	90
9) Benzaldehyde	6.41	77	138907	10.35	ng	# 75
10) Phenol	6.51	94	831380	30.12	ng	# 47
11) bis(2-Chloroethyl)ether	6.60	93	852620	36.77	ng	91
12) 1,3-Dichlorobenzene	6.79	146	729400	33.37	ng	# 90
13) 1,4-Dichlorobenzene	6.87	146	809996	34.94	ng	# 92
14) 1,2-Dichlorobenzene	7.02	146	747800	32.95	ng	# 89
15) Benzyl Alcohol	7.00	79	604565	36.25	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1101242	31.71	ng	75
17) 2-Methylphenol	7.13	107	599829	36.58	ng	# 79
18) Hexachloroethane	7.37	117	305149	32.42	ng	91
19) n-Nitroso-di-n-propylamine	7.27	70	579818	31.71	ng	# 72
20) 3+4-Methylphenols	7.27	107	727317	37.42	ng	# 66
22) Acetophenone	7.27	105	1020145	36.72	ng	# 79
24) Nitrobenzene	7.45	77	842802	34.21	ng	# 74
25) Isophorone	7.69	82	1602641	37.25	ng	# 89
26) 2-Nitrophenol	7.75	139	374607	37.22	ng	# 45
27) 2,4-Dimethylphenol	7.80	122	652985	36.59	ng	# 79
28) bis(2-Chloroethoxy)methane	7.89	93	922254	39.18	ng	# 93
29) 2,4-Dichlorophenol	8.01	162	585642	39.98	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	635909	36.89	ng	97
31) Naphthalene	8.17	128	2224151	36.48	ng	96
32) Benzoic acid	7.94	122	355788	31.38	ng	# 61
33) 4-Chloroaniline	8.21	127	434391	19.21	ng	# 84
34) Hexachlorobutadiene	8.28	225	334638	34.53	ng	98
35) Caprolactam	8.59	113	114090	27.27	ng	# 69
36) 4-Chloro-3-methylphenol	8.70	107	618068	36.28	ng	# 78
37) 2-Methylnaphthalene	8.85	142	1368353	38.40	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	591919	34.43	ng	# 97
40) Hexachlorocyclopentadiene	9.01	237	732375	90.75	ng	96

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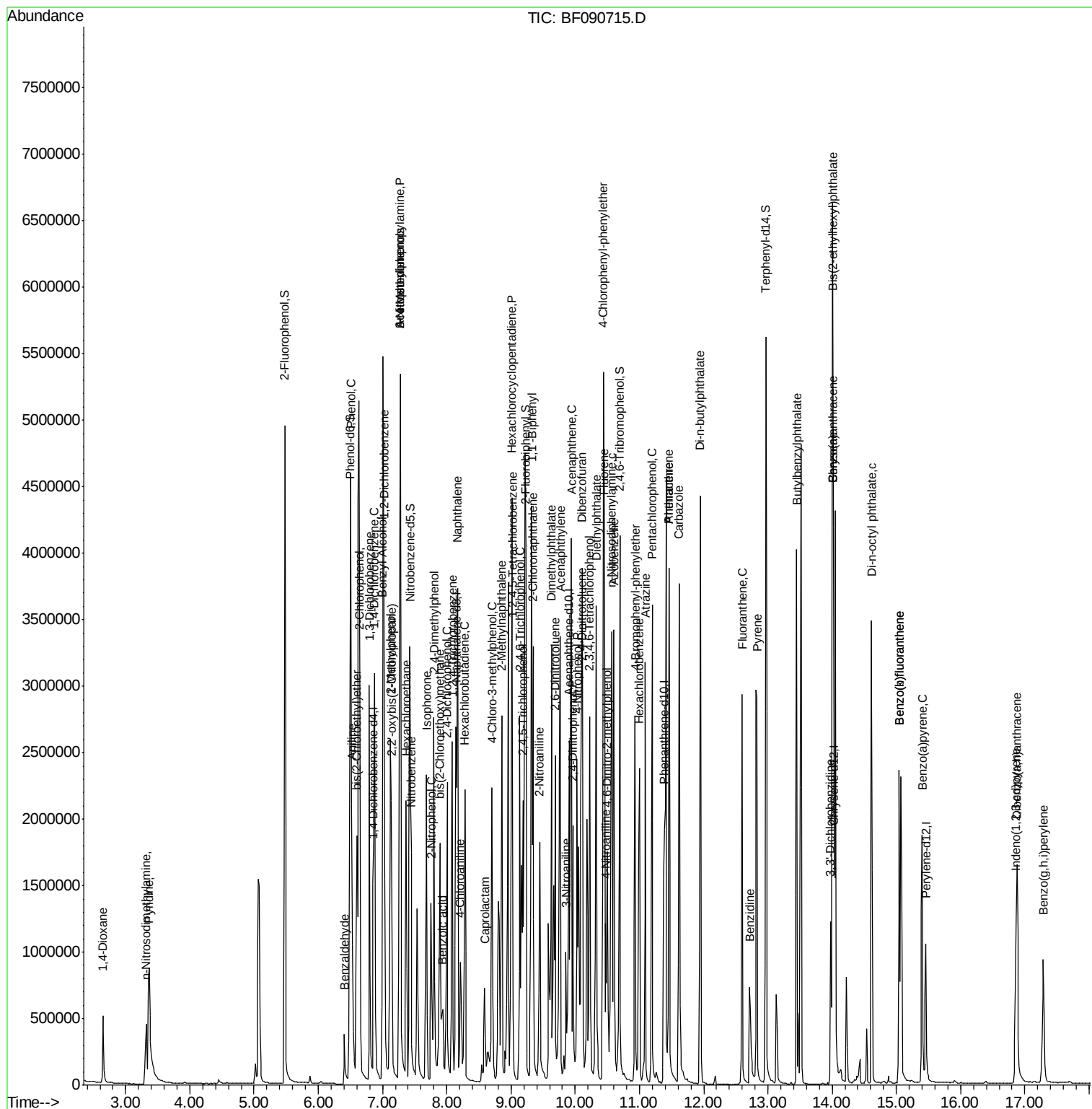
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	424706	39.84	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	376130	34.77	ng #	92
45) 1,1'-Biphenyl	9.32	154	1583705	31.68	ng	90
46) 2-Chloronaphthalene	9.34	162	1264797	34.03	ng #	88
47) 2-Nitroaniline	9.45	65	454914	36.88	ng #	76
48) Acenaphthylene	9.77	152	2032911	35.85	ng	96
49) Dimethylphthalate	9.63	163	1487674	37.19	ng #	97
50) 2,6-Dinitrotoluene	9.69	165	307836	35.78	ng #	51
51) Acenaphthene	9.94	154	1438765	38.22	ng	89
52) 3-Nitroaniline	9.86	138	214765	21.72	ng #	66
53) 2,4-Dinitrophenol	9.96	184	328951	70.86	ng #	33
54) Dibenzofuran	10.11	168	1814618	39.79	ng #	86
55) 4-Nitrophenol	10.03	139	467075	77.11	ng #	46
56) 2,4-Dinitrotoluene	10.10	165	448449	42.65	ng #	96
57) Fluorene	10.45	166	1434330	37.96	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	335261	39.49	ng	92
59) Diethylphthalate	10.33	149	1475902	35.57	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	668252	38.69	ng #	89
61) 4-Nitroaniline	10.47	138	332740	33.22	ng #	43
62) Azobenzene	10.60	77	1783466	36.71	ng	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	199406	34.02	ng	77
65) n-Nitrosodiphenylamine	10.57	169	1204582	39.34	ng	90
66) 4-Bromophenyl-phenylether	10.93	248	392122	42.32	ng	98
67) Hexachlorobenzene	11.00	284	446001	40.79	ng #	81
68) Atrazine	11.09	200	369805	43.76	ng	84
69) Pentachlorophenol	11.19	266	505197	75.01	ng	97
70) Phenanthrene	11.46	178	1839719	37.77	ng	95
71) Anthracene	11.46	178	1852356	34.29	ng	95
72) Carbazole	11.62	167	1739890	38.52	ng #	93
73) Di-n-butylphthalate	11.95	149	2208987	37.70	ng #	96
74) Fluoranthene	12.60	202	1845517	39.16	ng	88
76) Benzidine	12.72	184	560819	35.96	ng	98
77) Pyrene	12.83	202	1815118	37.00	ng	95
79) Butylbenzylphthalate	13.45	149	973914	43.19	ng	91
80) Benzo(a)anthracene	14.02	228	1503047	39.10	ng	96
81) 3,3'-Dichlorobenzidine	13.97	252	304917	22.89	ng	99
82) Chrysene	14.02	228	1503047	40.07	ng	97
83) Bis(2-ethylhexyl)phthalate	14.01	149	1214869	37.66	ng #	96
84) Di-n-octyl phthalate	14.61	149	1875714	38.31	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.86	276	922690	28.19	ng #	94
87) Benzo(b)fluoranthene	15.05	252	1130313	39.37	ng #	89
88) Benzo(k)fluoranthene	15.05	252	1130313	39.18	ng #	90
89) Benzo(a)pyrene	15.40	252	1006121	37.35	ng #	88
90) Dibenzo(a,h)anthracene	16.88	278	798454	30.87	ng #	88
91) Benzo(g,h,i)perylene	17.29	276	729612	29.09	ng #	84

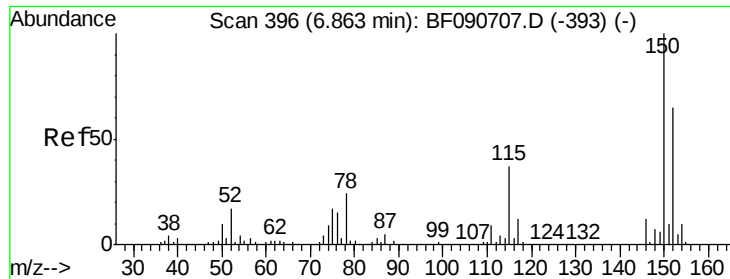
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

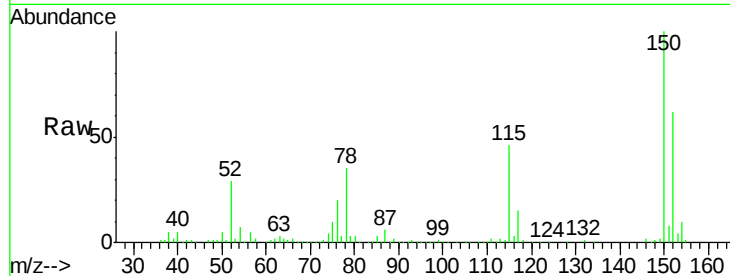
Tgt Ion:152 Resp: 292350

Ion Ratio Lower Upper

152 100

150 161.0 124.7 187.1

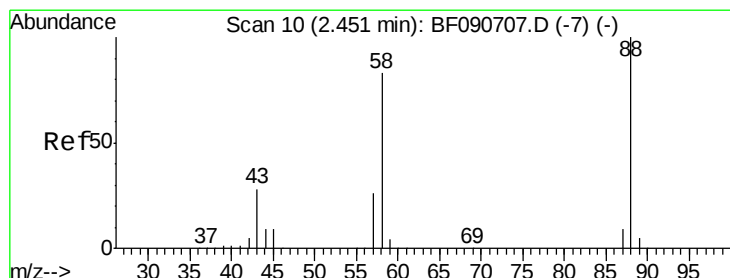
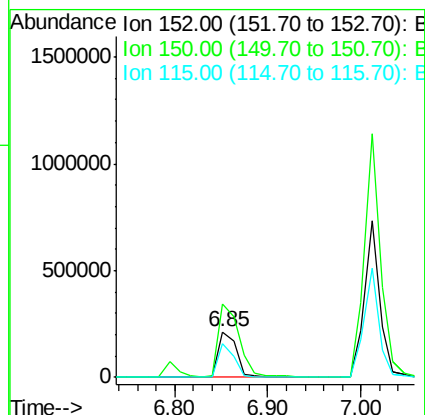
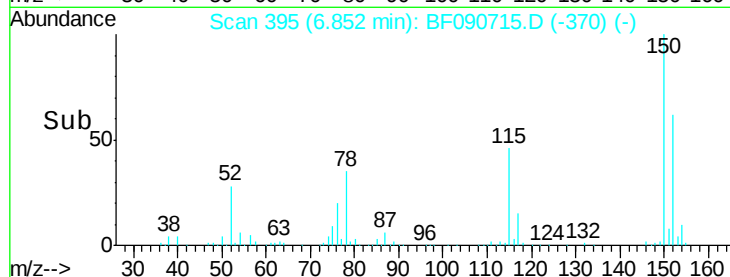
115 73.6 39.0 58.4#



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: 25.78 ng

RT: 2.65 min Scan# 27

Delta R.T. 0.16 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

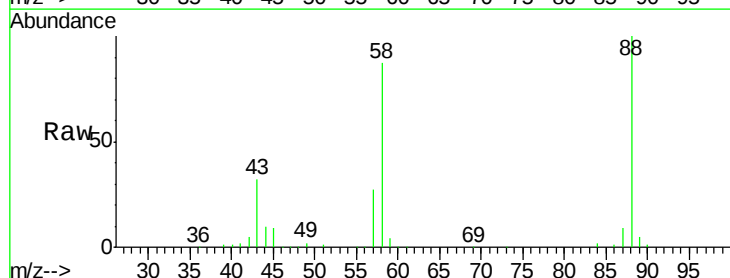
Tgt Ion: 88 Resp: 270448

Ion Ratio Lower Upper

88 100

58 80.9 77.7 116.5

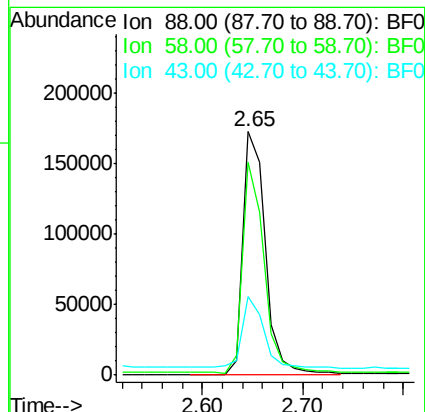
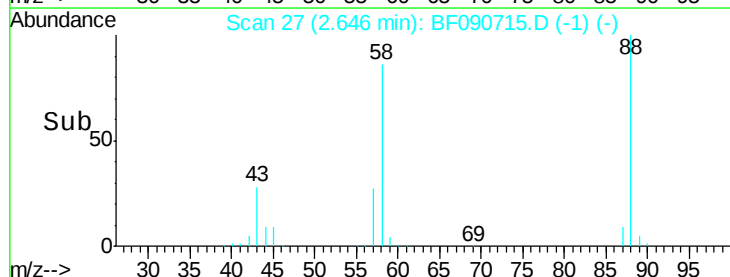
43 27.4 26.6 40.0

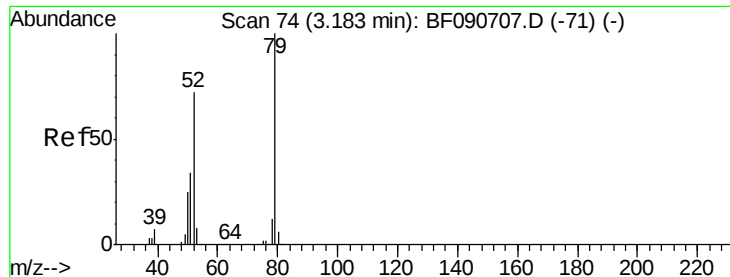


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.66 ng

RT: 3.37 min Scan# 90

Delta R.T. 0.16 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

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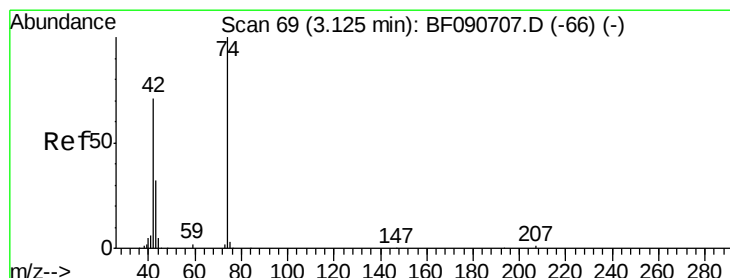
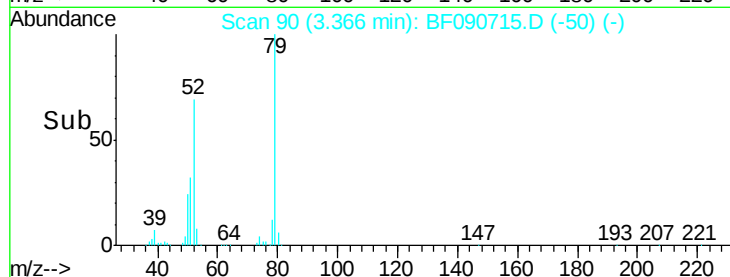
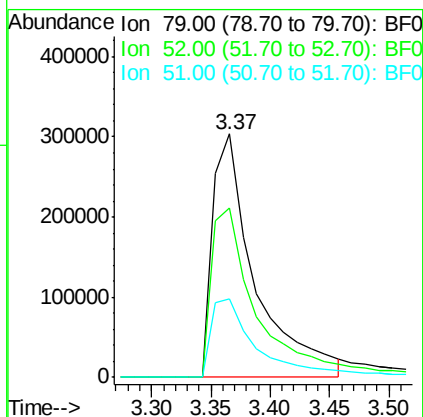
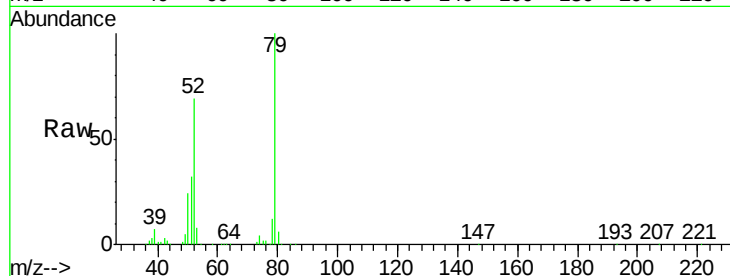
Tgt Ion: 79 Resp: 753581

Ion Ratio Lower Upper

79 100

52 69.4 76.8 115.2#

51 32.5 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.45 ng

RT: 3.32 min Scan# 86

Delta R.T. 0.16 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

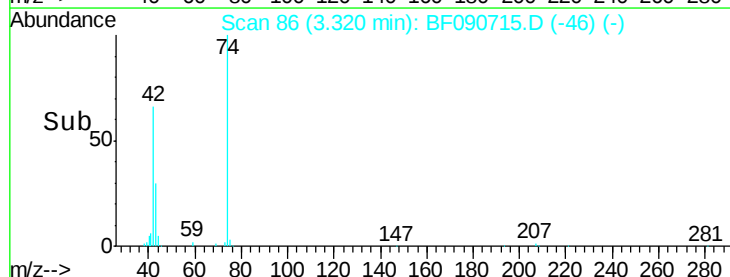
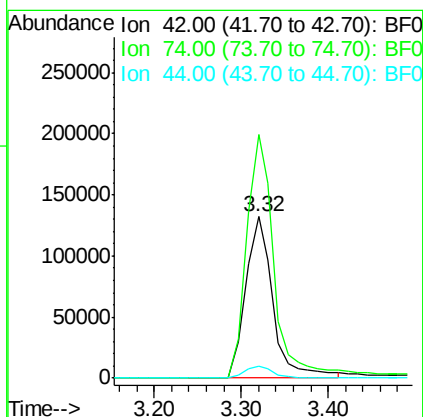
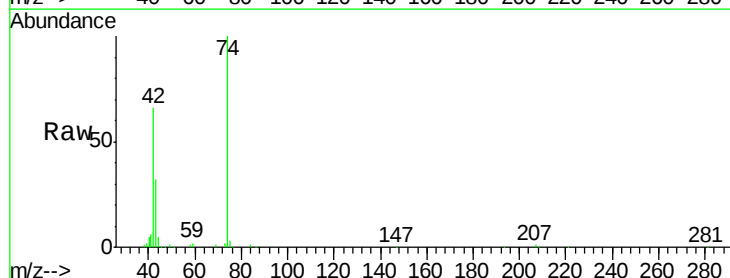
Tgt Ion: 42 Resp: 289746

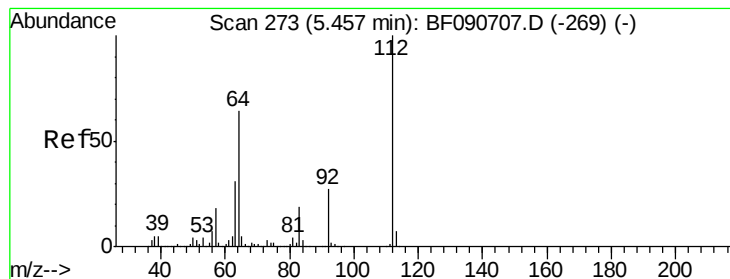
Ion Ratio Lower Upper

42 100

74 150.8 105.0 157.6

44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 97.46 ng

RT: 5.48 min Scan# 275

Delta R.T. 0.02 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

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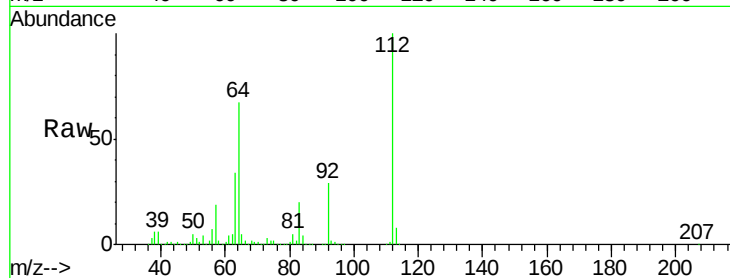
Tgt Ion:112 Resp: 1766658

Ion Ratio Lower Upper

112 100

64 67.0 39.7 59.5#

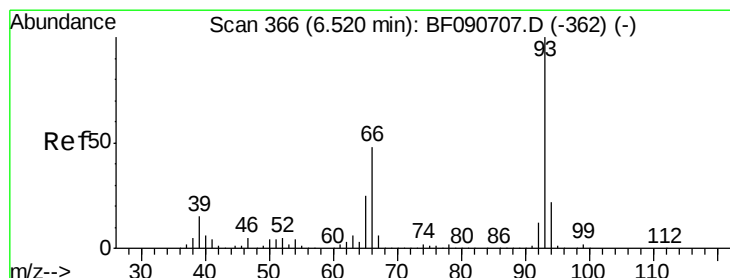
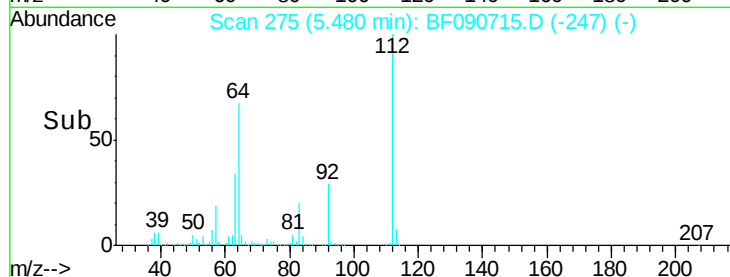
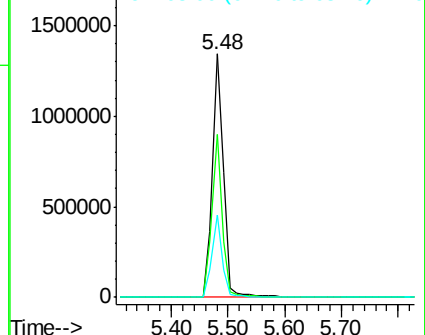
63 33.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.11 ng

RT: 6.52 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

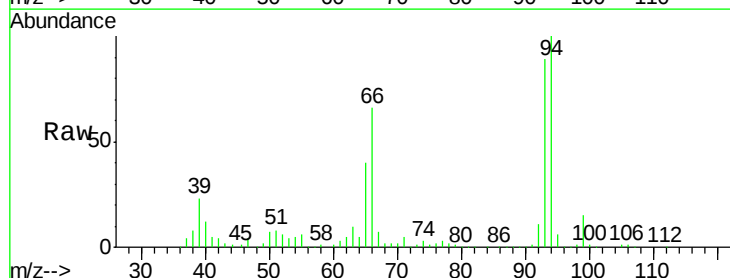
Tgt Ion: 93 Resp: 699083

Ion Ratio Lower Upper

93 100

66 73.7 27.2 40.8#

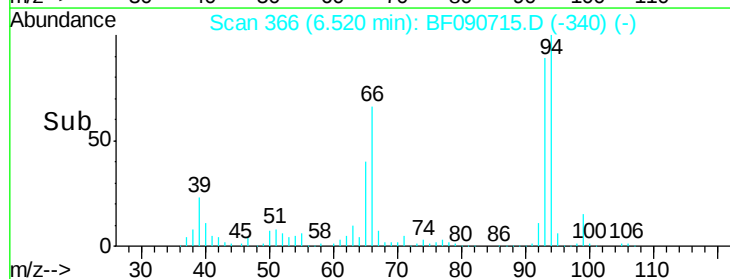
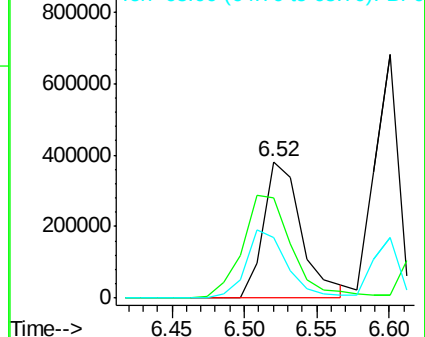
65 44.7 14.7 22.1#

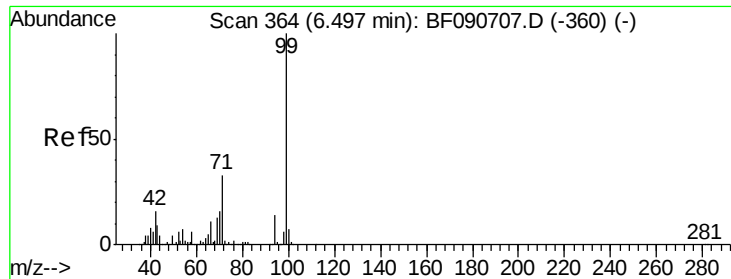


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.55 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090715.D

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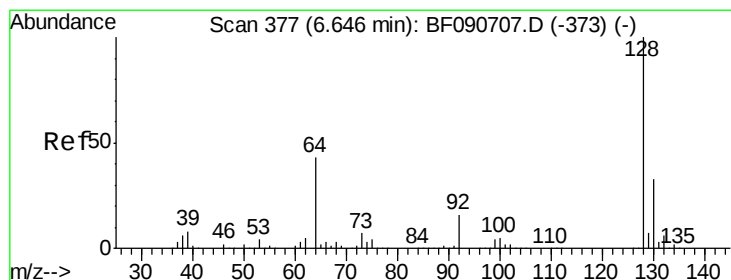
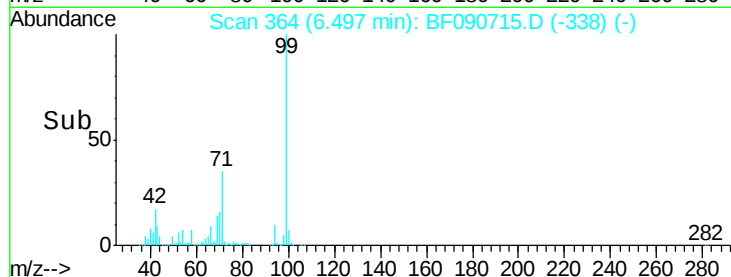
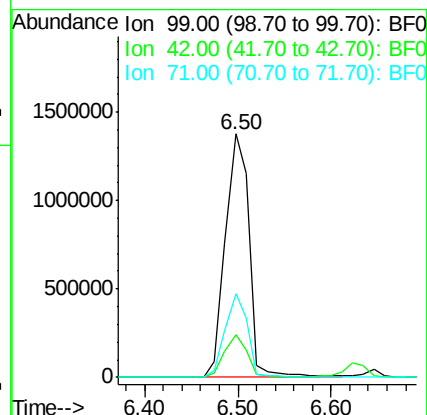
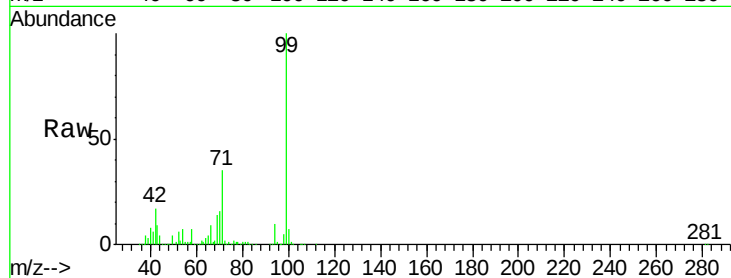
Tgt Ion: 99 Resp: 2444234

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 34.5 14.2 21.2#



#8

2-Chlorophenol

Concen: 35.25 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

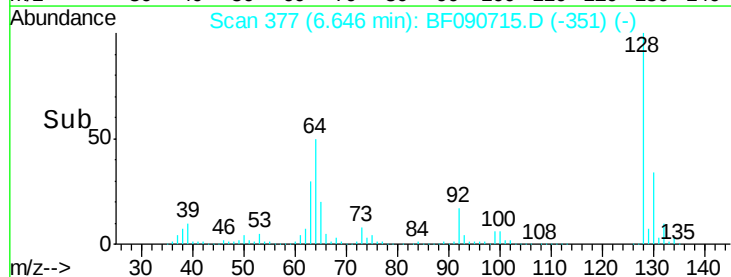
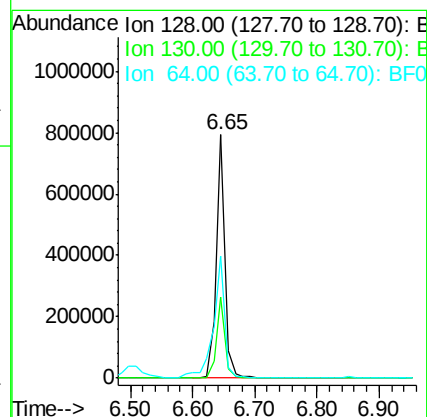
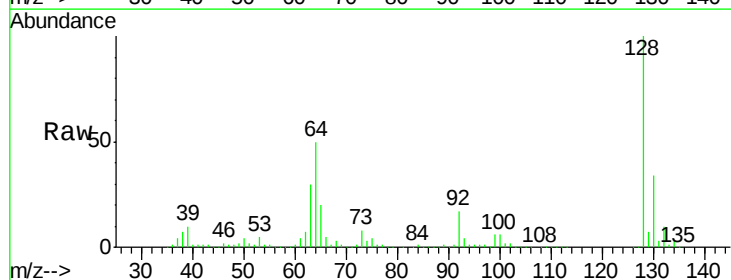
Tgt Ion: 128 Resp: 766952

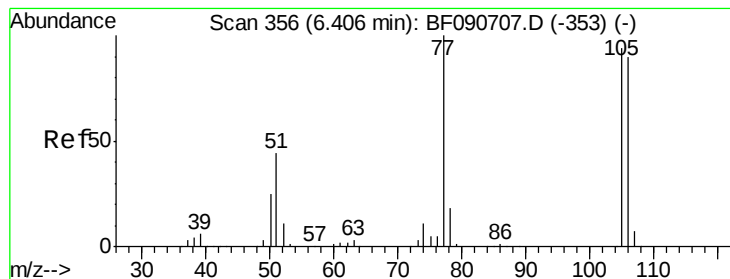
Ion Ratio Lower Upper

128 100

130 33.5 12.2 52.2

64 50.3 20.5 60.5





#9

Benzaldehyde

Concen: 10.35 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

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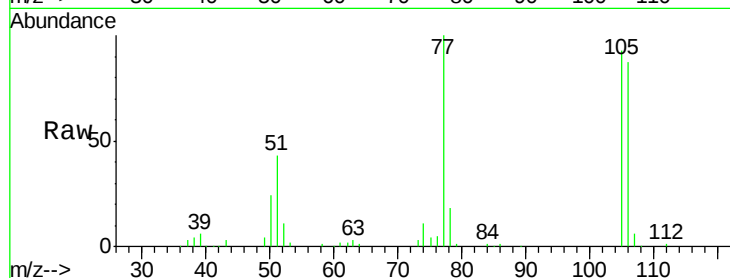
Tgt Ion: 77 Resp: 138907

Ion Ratio Lower Upper

77 100

105 93.3 91.6 131.6

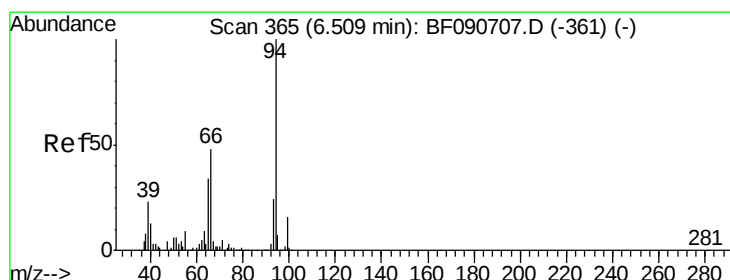
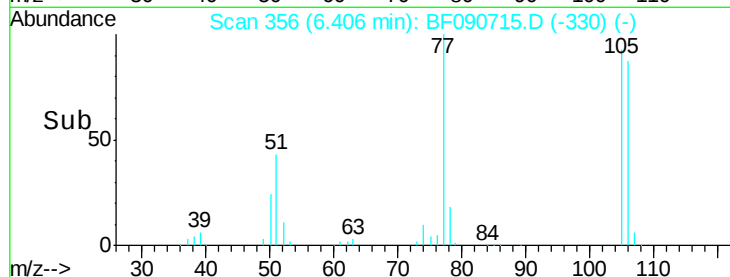
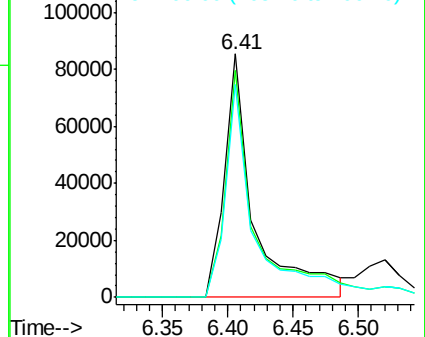
106 87.5 102.6 142.6#



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: 30.12 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

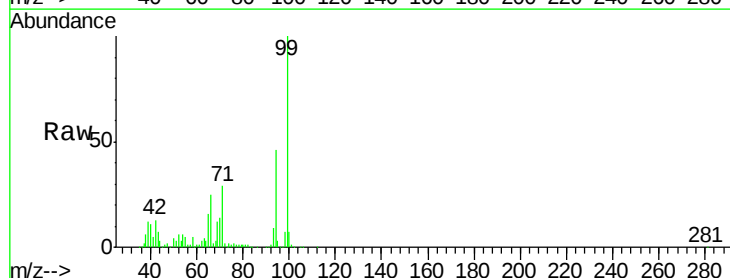
Tgt Ion: 94 Resp: 831380

Ion Ratio Lower Upper

94 100

65 36.1 0.7 40.7

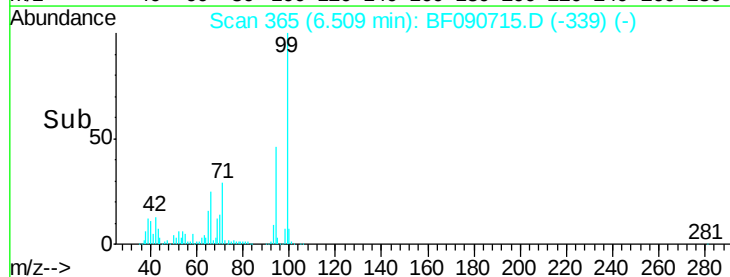
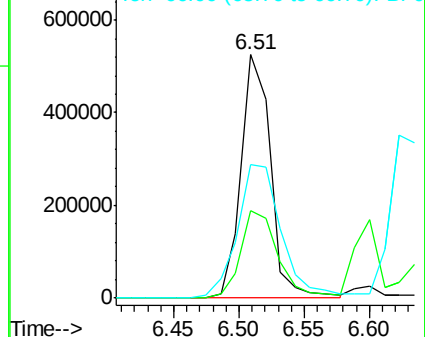
66 54.7 0.8 40.8#

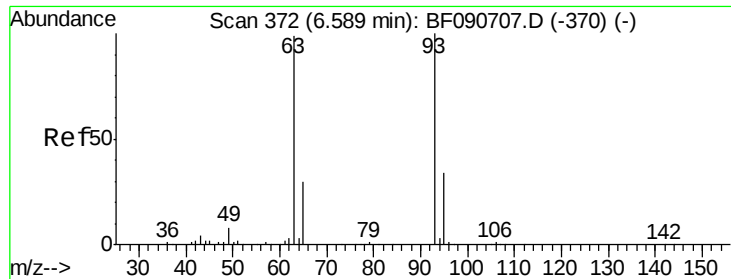


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

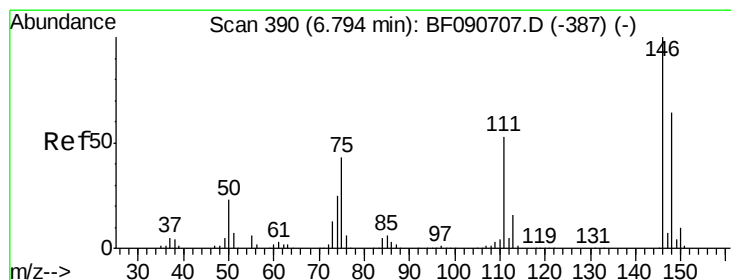
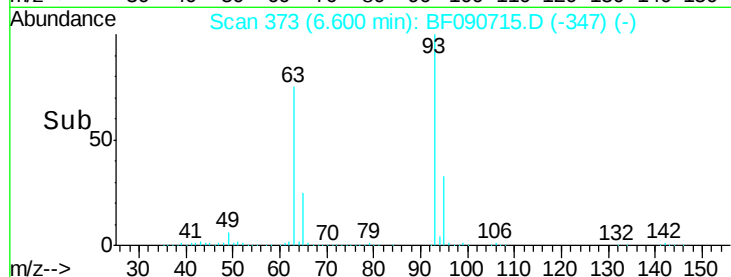
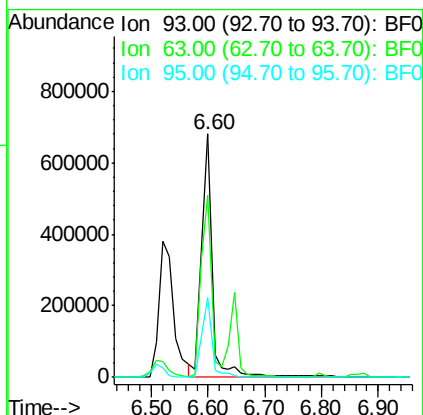
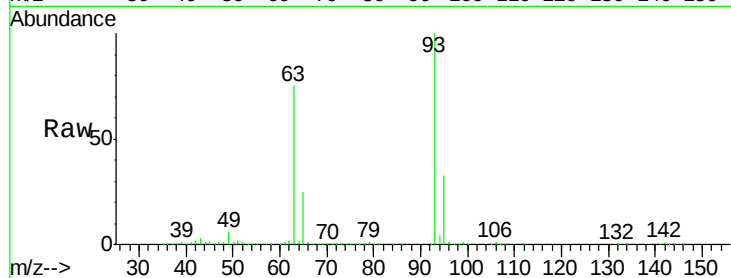




#11
bis(2-Chloroethyl)ether
Concen: 36.77 ng
RT: 6.60 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

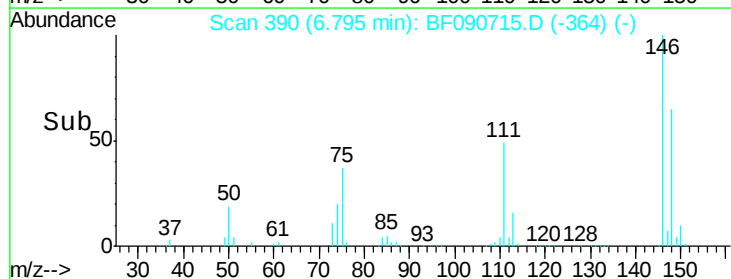
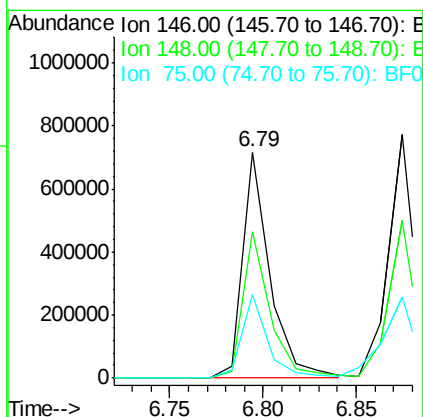
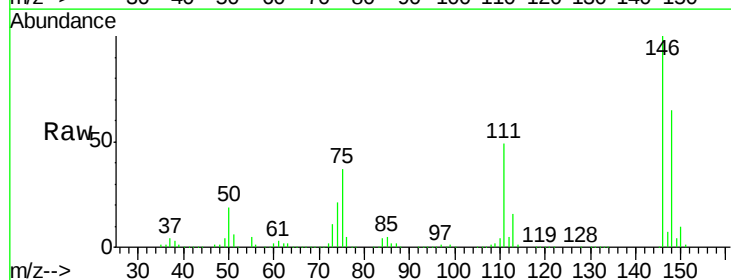
Instrument :
BNA_F
ClientSampleId :
PB94239BS

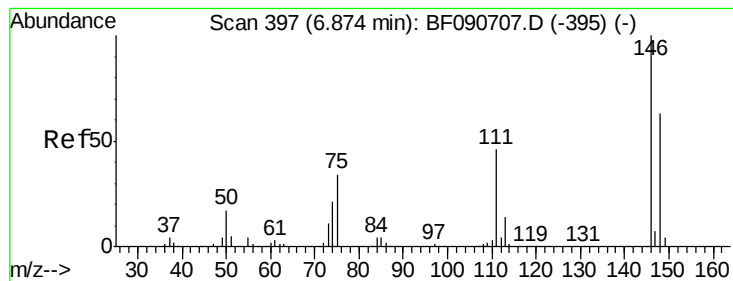
Tgt Ion: 93 Resp: 852620
Ion Ratio Lower Upper
93 100
63 75.0 65.6 105.6
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 33.37 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion: 146 Resp: 729400
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 37.2 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 34.94 ng

RT: 6.87 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

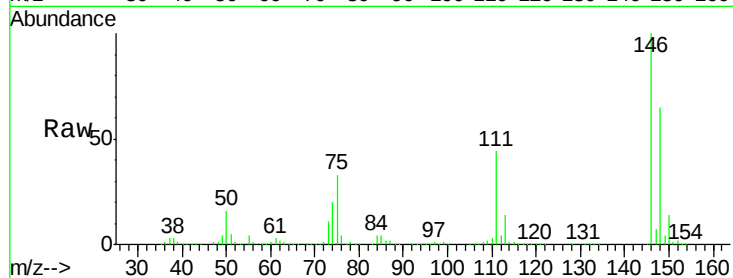
Tgt Ion:146 Resp: 809996

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

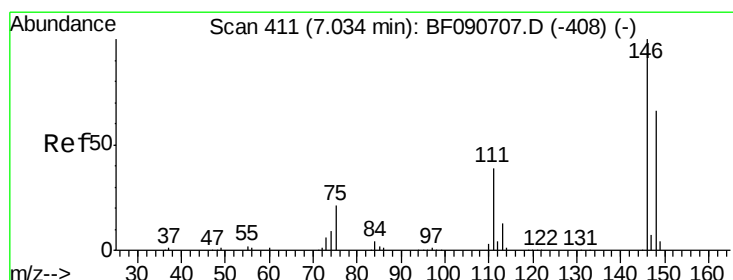
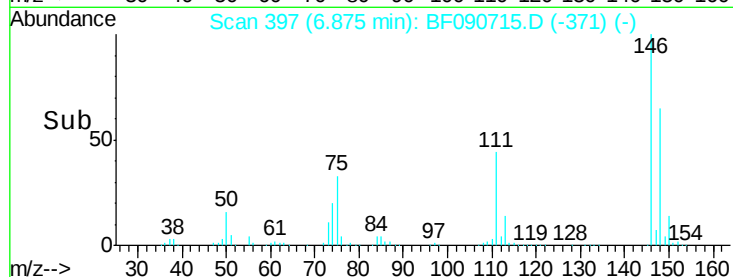
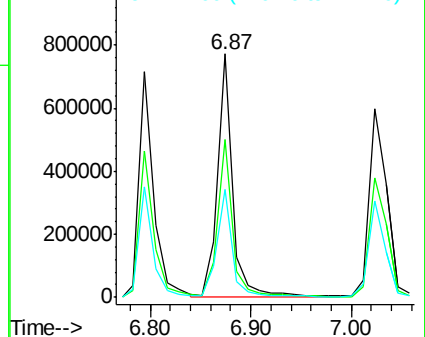
111 44.4 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.95 ng

RT: 7.02 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

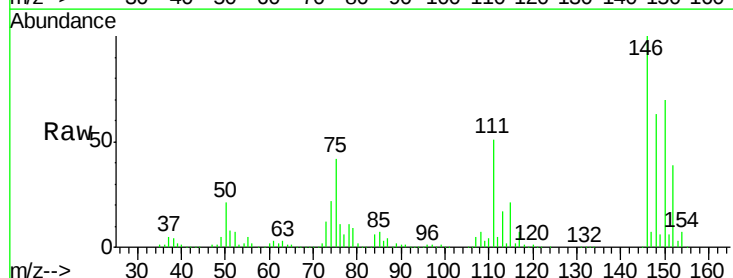
Tgt Ion:146 Resp: 747800

Ion Ratio Lower Upper

146 100

148 63.0 52.7 79.1

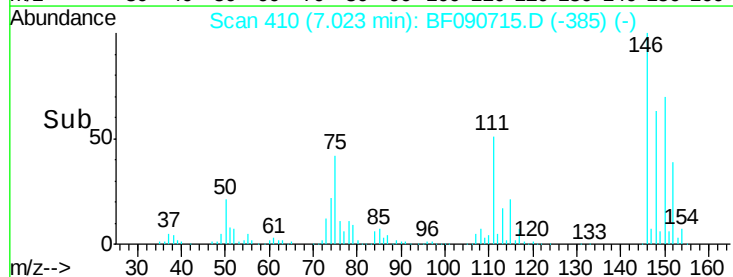
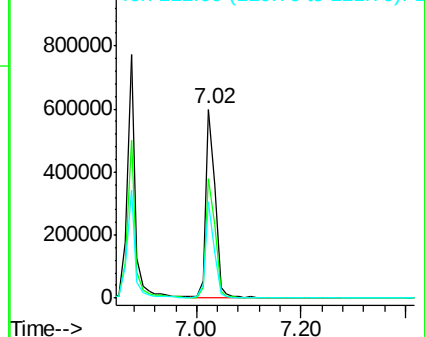
111 51.2 28.8 43.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.25 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB94239BS

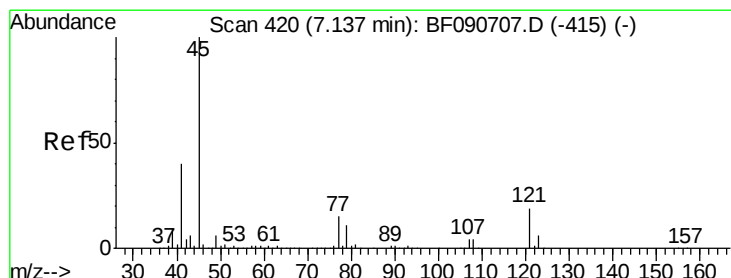
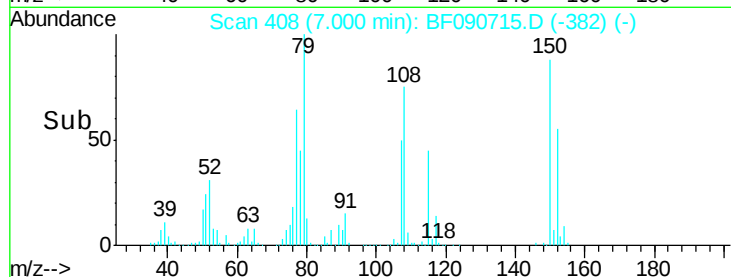
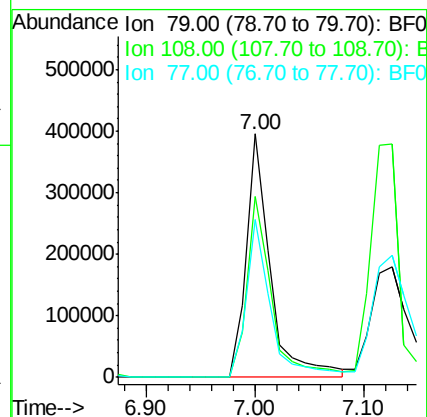
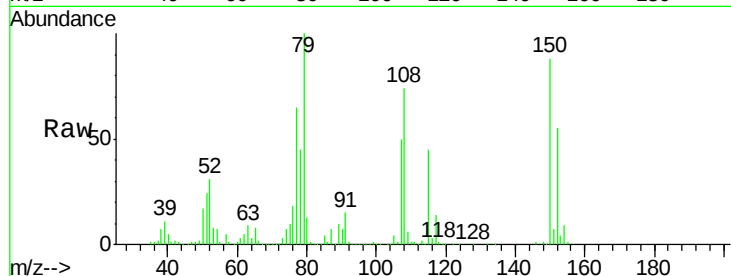
Tgt Ion: 79 Resp: 604565

Ion Ratio Lower Upper

79 100

108 74.5 88.6 132.8#

77 64.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.71 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

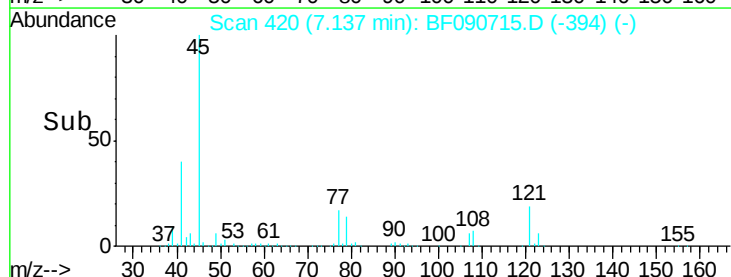
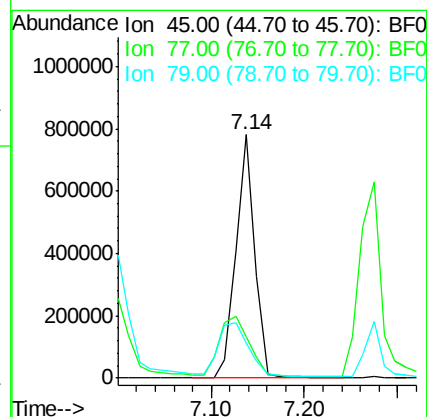
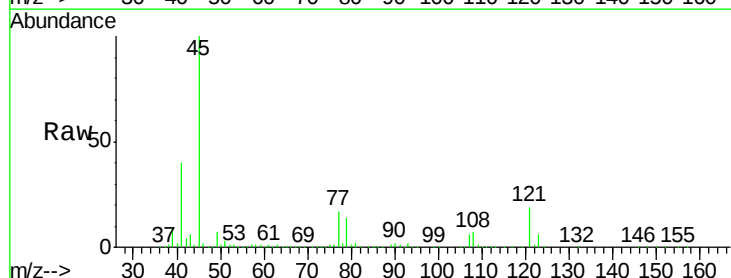
Tgt Ion: 45 Resp: 1101242

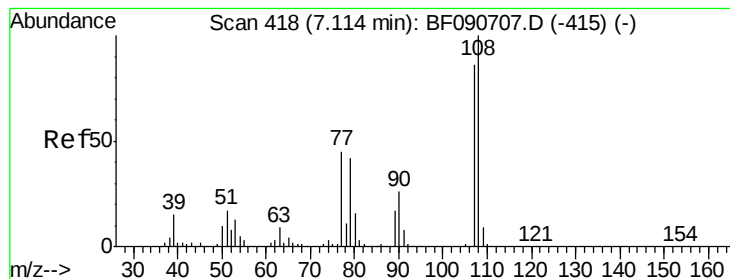
Ion Ratio Lower Upper

45 100

77 17.1 0.0 28.1

79 14.2 0.0 26.0





#17

2-Methylphenol

Concen: 36.58 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:107 Resp: 599829

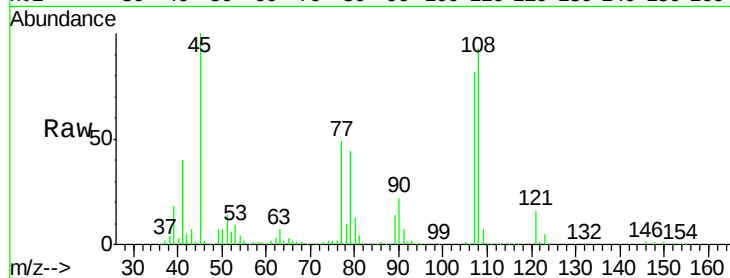
Ion Ratio Lower Upper

107 100

108 114.5 96.6 145.0

77 59.9 23.3 34.9#

79 54.2 22.0 33.0#

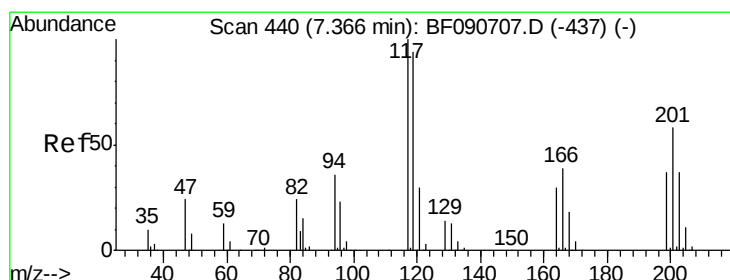
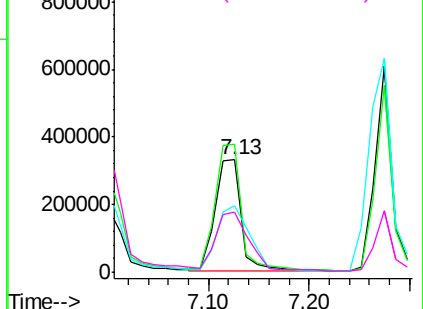
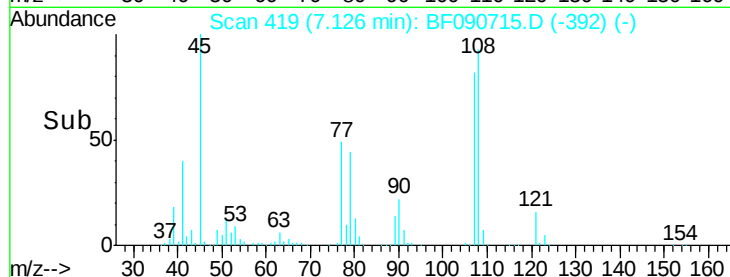


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.42 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

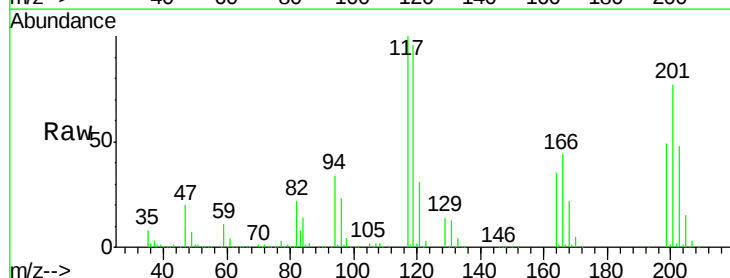
Tgt Ion:117 Resp: 305149

Ion Ratio Lower Upper

117 100

119 95.9 83.8 125.6

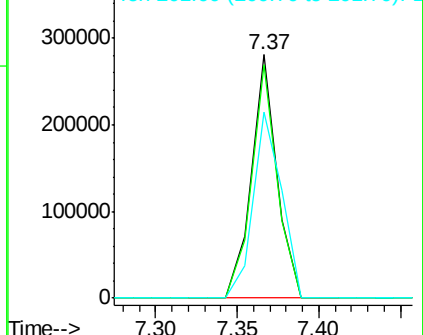
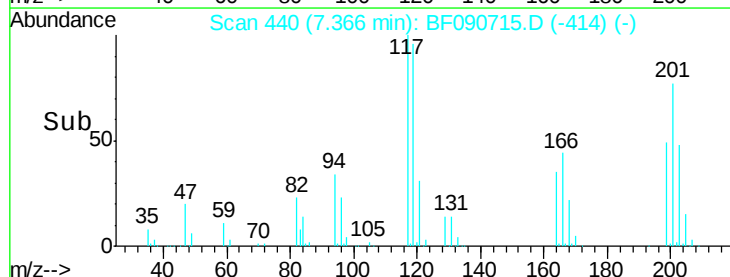
201 76.6 55.1 82.7

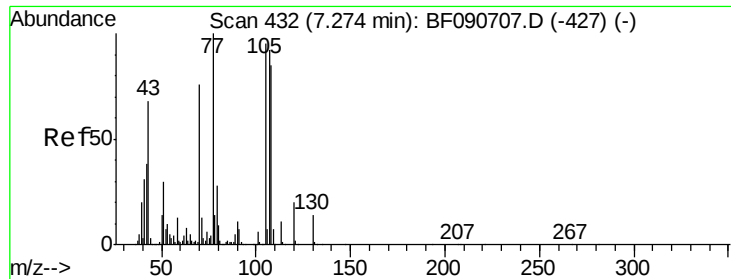


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

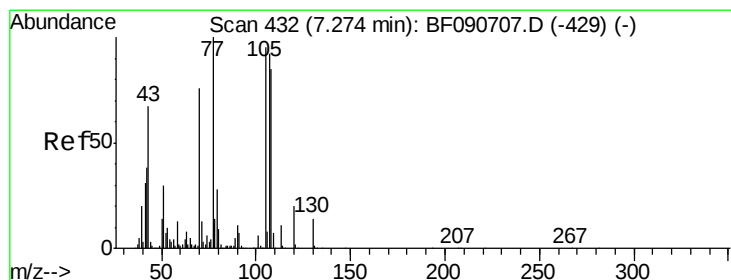
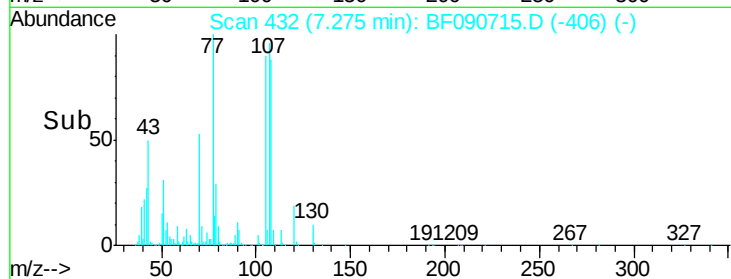
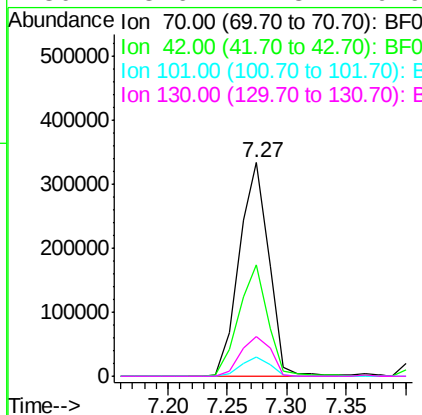
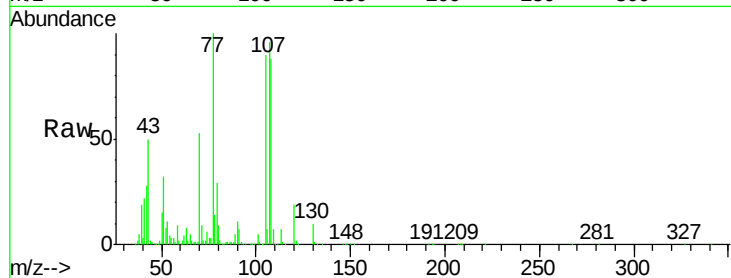




#19
n-Nitroso-di-n-propylamine
Concen: 31.71 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

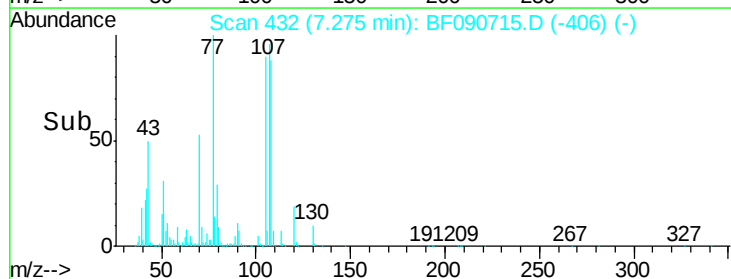
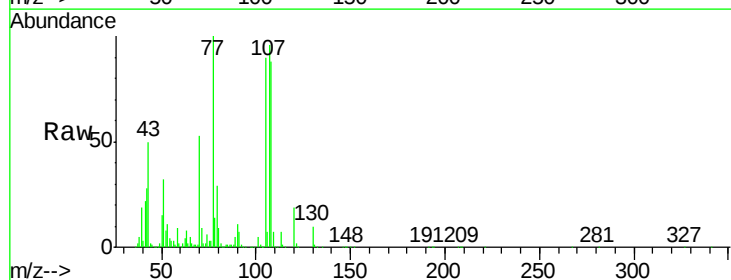
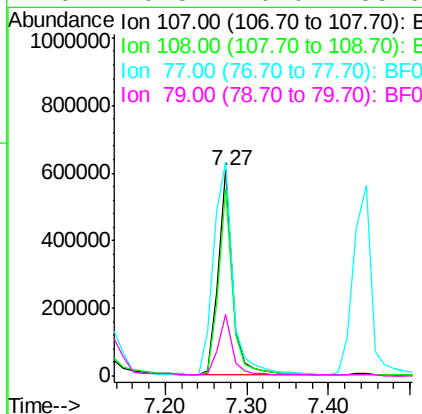
Instrument :
BNA_F
ClientSampleId :
PB94239BS

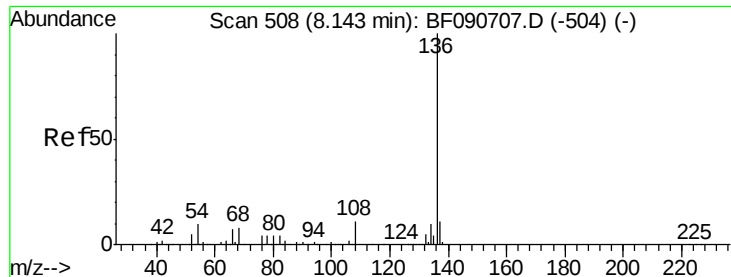
Tgt Ion: 70 Resp: 579818
Ion Ratio Lower Upper
70 100
42 52.1 63.8 95.6#
101 9.1 9.2 13.8#
130 18.6 27.3 40.9#



#20
3+4-Methylphenols
Concen: 37.42 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion: 107 Resp: 727317
Ion Ratio Lower Upper
107 100
108 91.0 74.6 114.6
77 103.8 0.7 40.7#
79 29.8 0.0 38.9

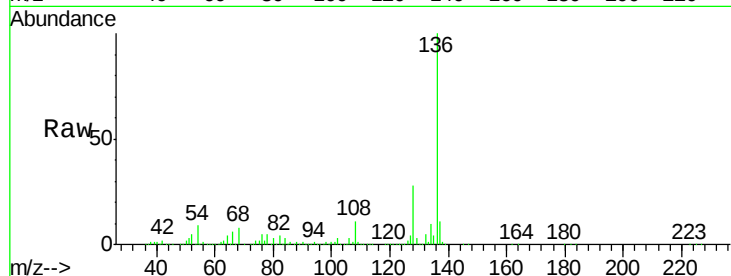




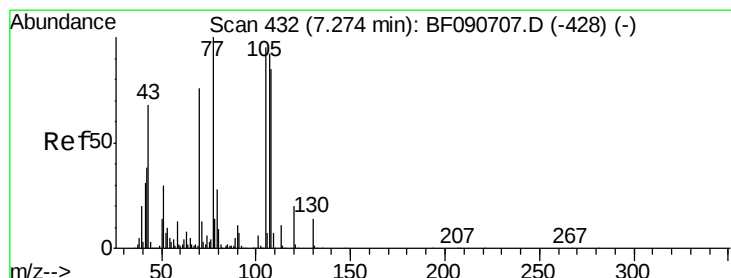
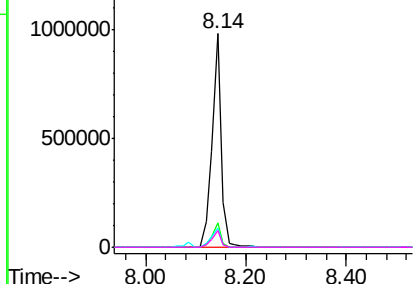
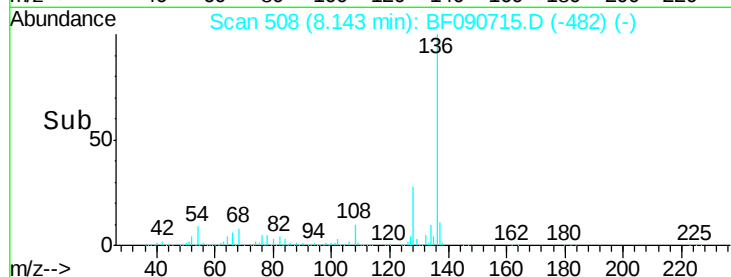
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tgt Ion:	136	Resp:	1246526
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.0	8.2	12.2
68	7.9	5.8	8.6

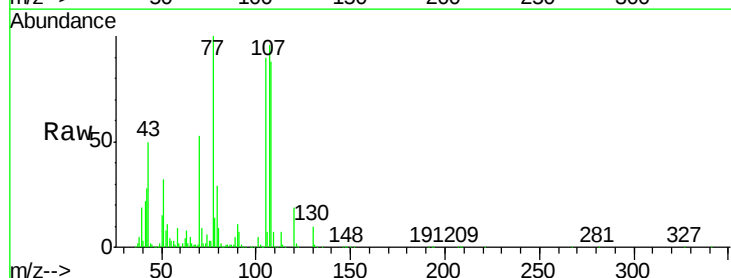


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

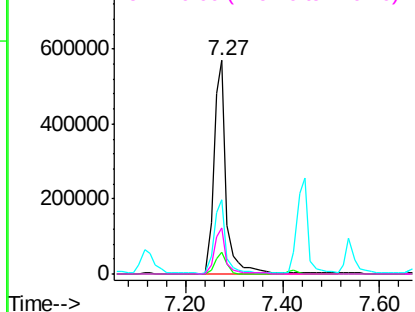
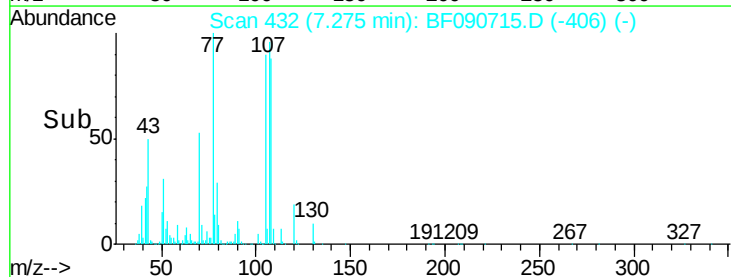


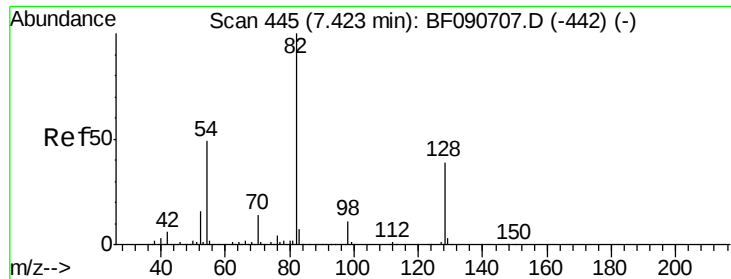
#22
Acetophenone
Concen: 36.72 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:	105	Resp:	1020145
Ion	Ratio	Lower	Upper
105	100		
71	10.1	4.7	7.1#
51	34.9	22.0	33.0#
120	21.6	30.1	45.1#



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

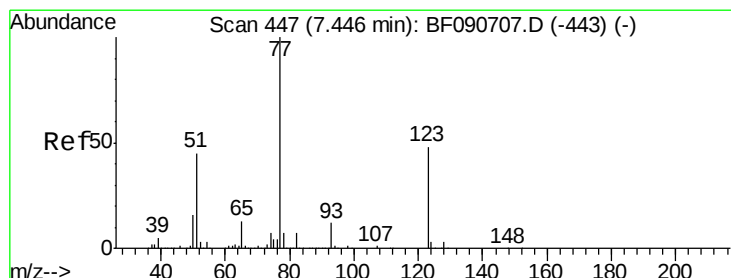
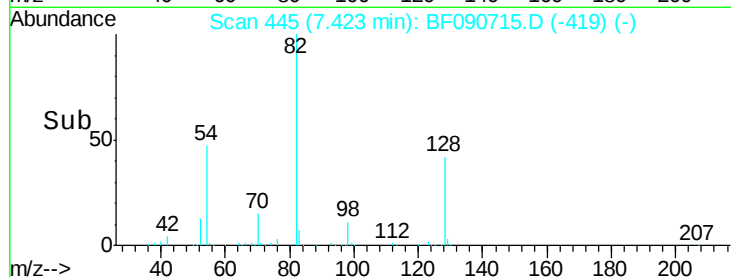
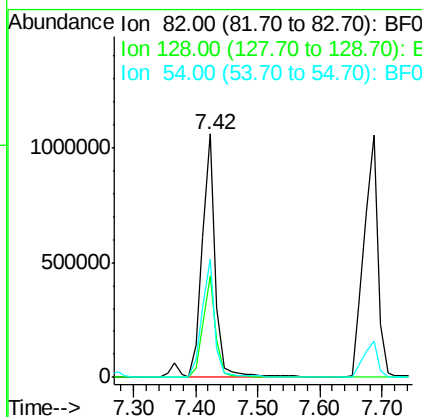
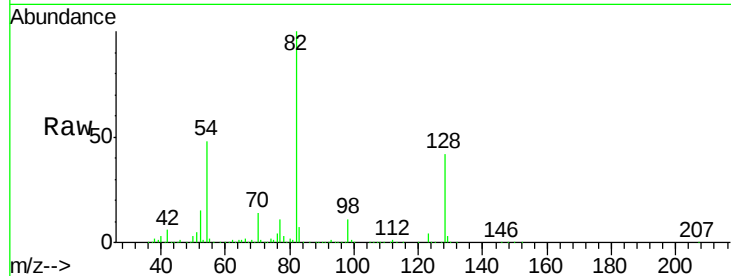




#23
Nitrobenzene-d5
Concen: 68.51 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

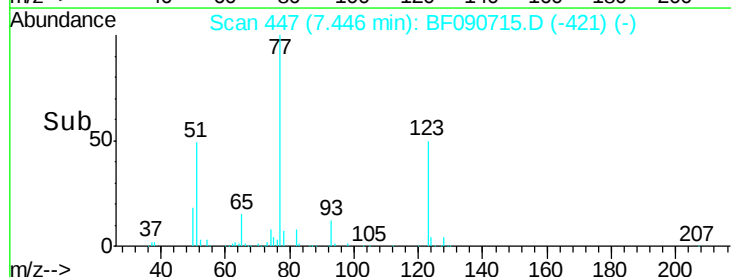
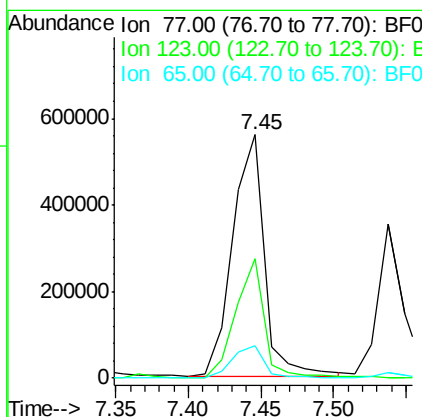
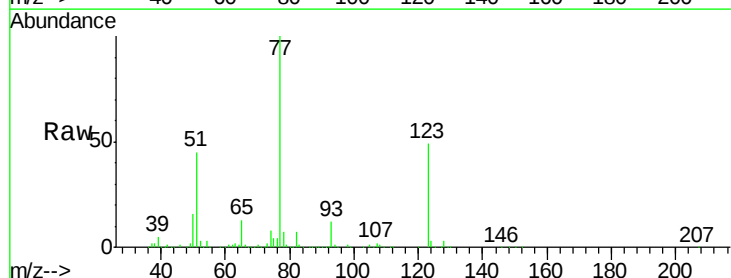
Instrument :
BNA_F
ClientSampleId :
PB94239BS

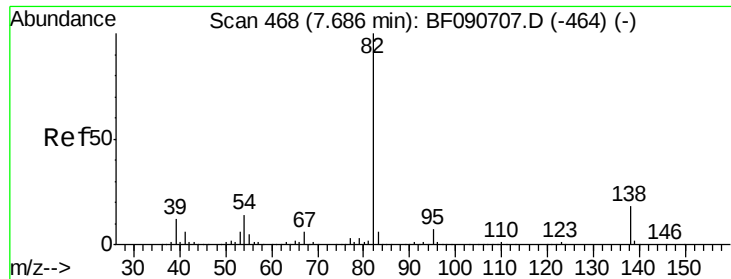
Tgt Ion: 82 Resp: 1556984
Ion Ratio Lower Upper
82 100
128 41.6 51.0 76.6#
54 48.4 47.5 71.3



#24
Nitrobenzene
Concen: 34.21 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion: 77 Resp: 842802
Ion Ratio Lower Upper
77 100
123 49.0 59.8 89.8#
65 13.2 10.2 15.4





#25

Isophorone

Concen: 37.25 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB94239BS

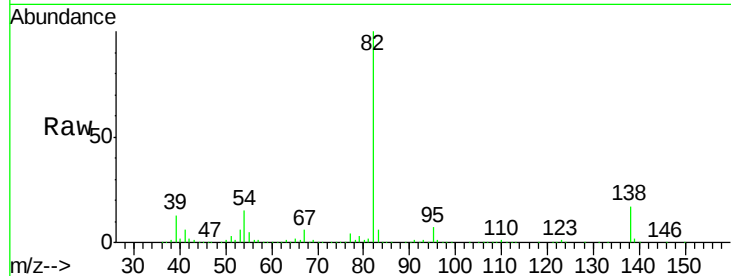
Tgt Ion: 82 Resp: 1602641

Ion Ratio Lower Upper

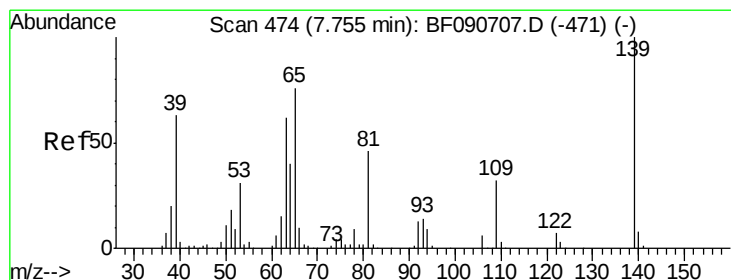
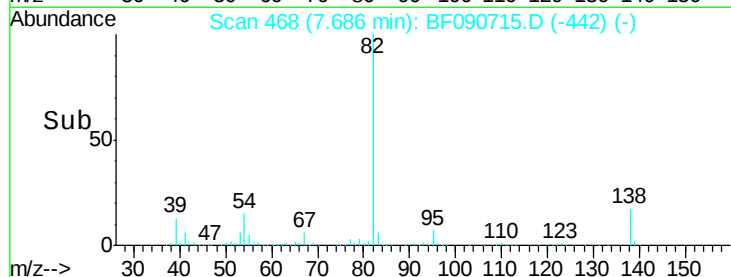
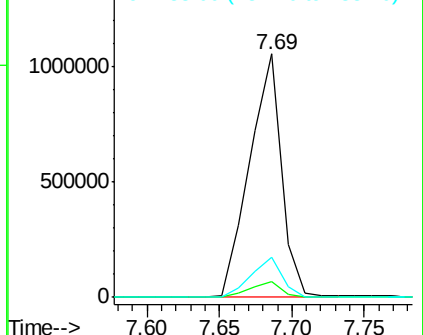
82 100

95 6.6 4.0 6.0#

138 16.6 18.3 27.5#



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: 37.22 ng

RT: 7.75 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

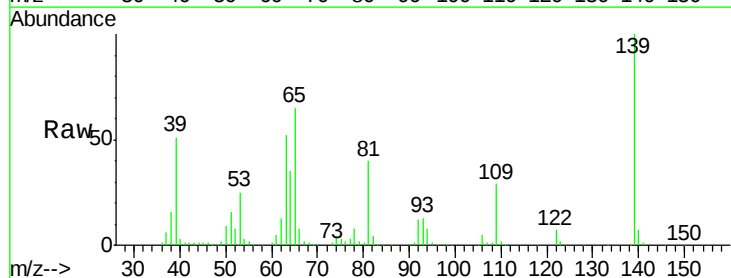
Tgt Ion: 139 Resp: 374607

Ion Ratio Lower Upper

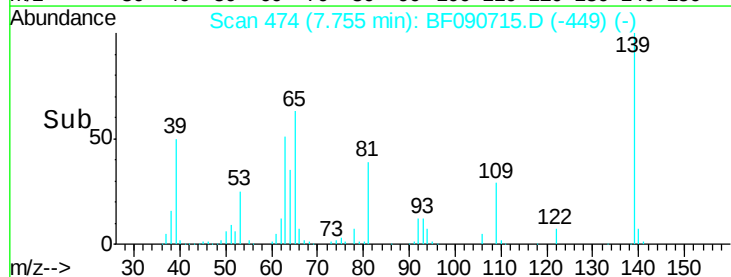
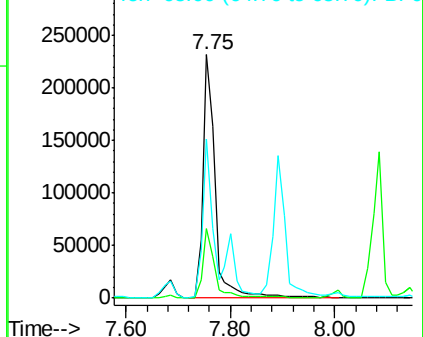
139 100

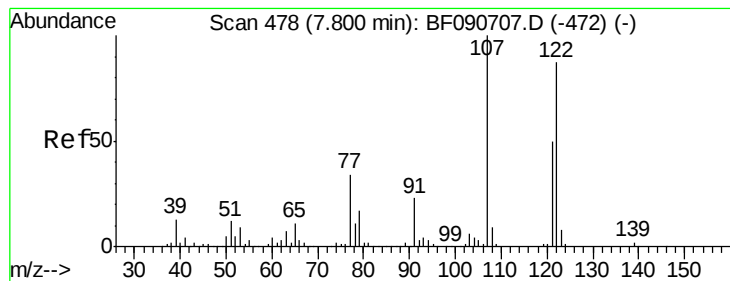
109 28.7 11.0 16.4#

65 65.1 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 36.59 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

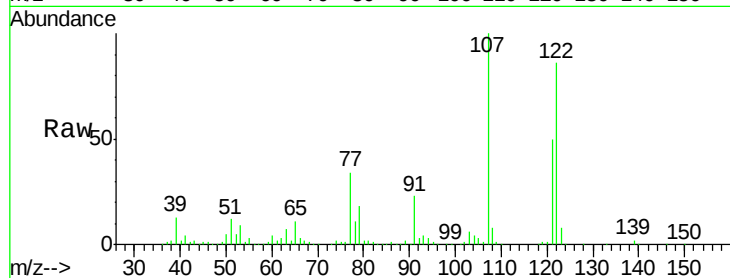
Tgt Ion:122 Resp: 652985

Ion Ratio Lower Upper

122 100

107 116.2 71.8 107.6#

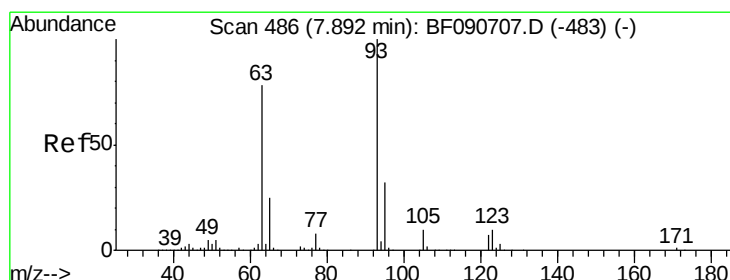
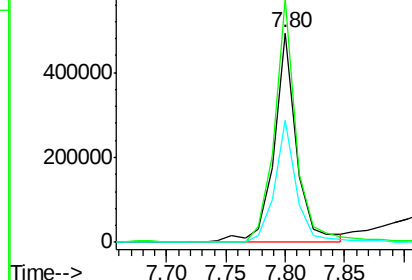
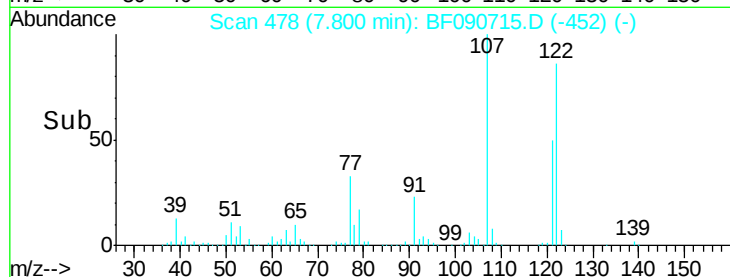
121 58.3 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.18 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

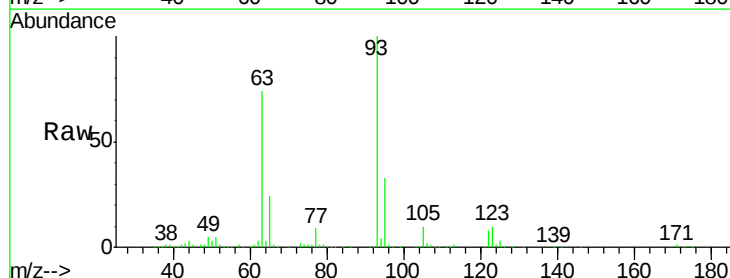
Tgt Ion: 93 Resp: 922254

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

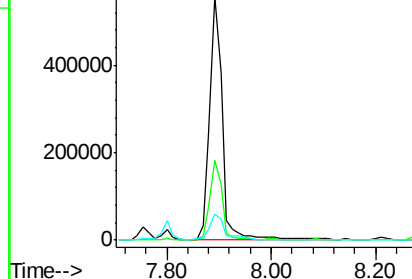
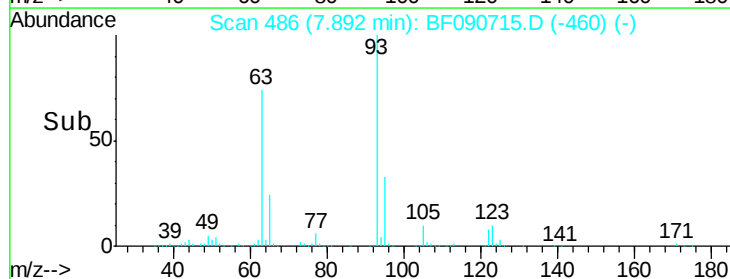
123 10.5 13.7 20.5#

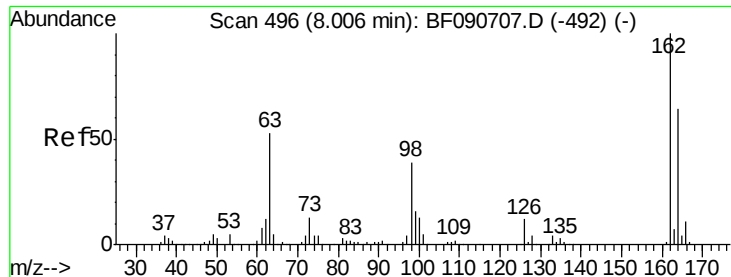


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

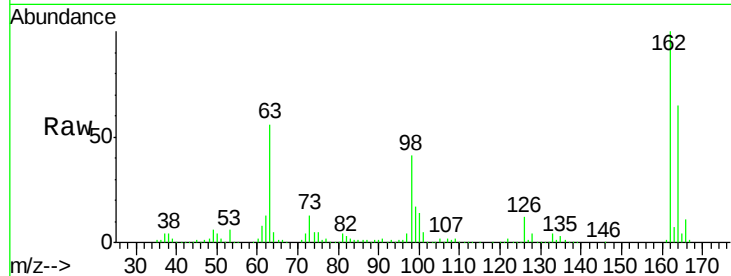




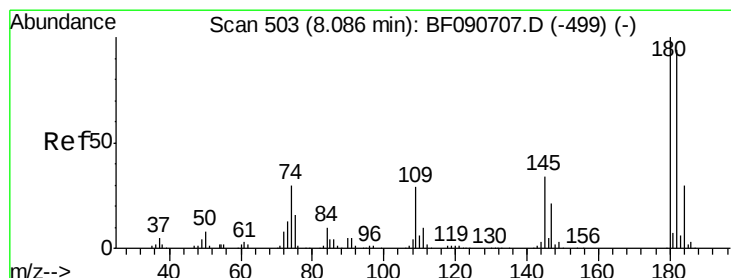
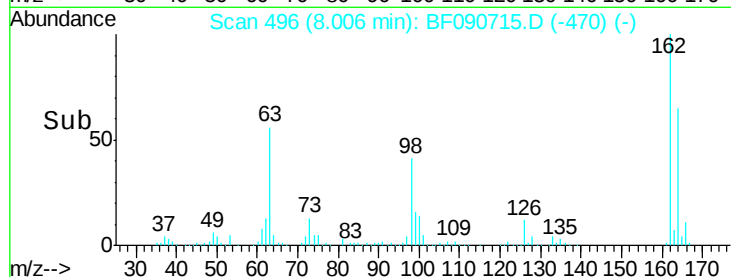
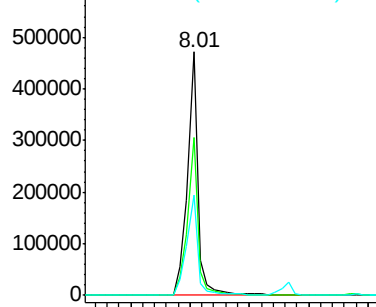
#29
2,4-Dichlorophenol
Concen: 39.98 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tgt Ion:162 Resp: 585642
Ion Ratio Lower Upper
162 100
164 64.7 44.9 84.9
98 41.2 13.0 53.0

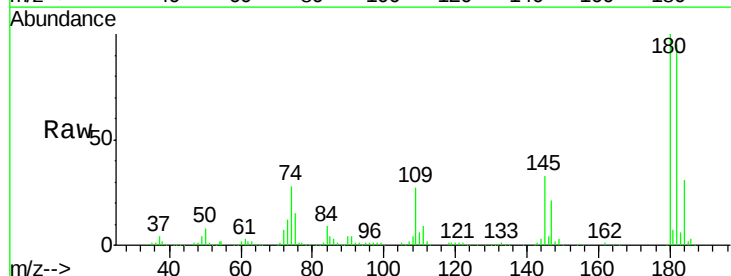


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

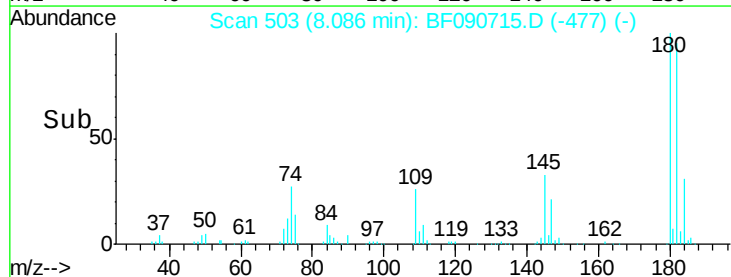
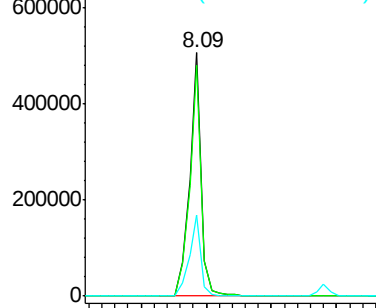


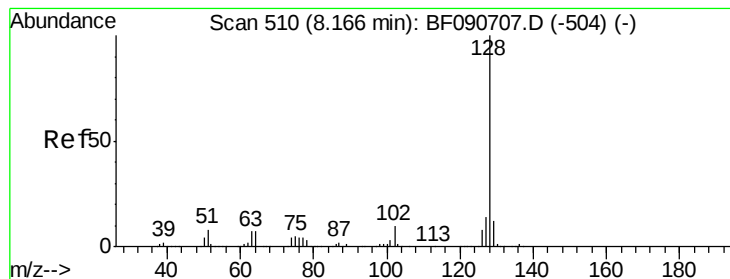
#30
1,2,4-Trichlorobenzene
Concen: 36.89 ng
RT: 8.09 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:180 Resp: 635909
Ion Ratio Lower Upper
180 100
182 95.0 77.1 115.7
145 33.2 23.3 34.9



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





#31

Naphthalene

Concen: 36.48 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

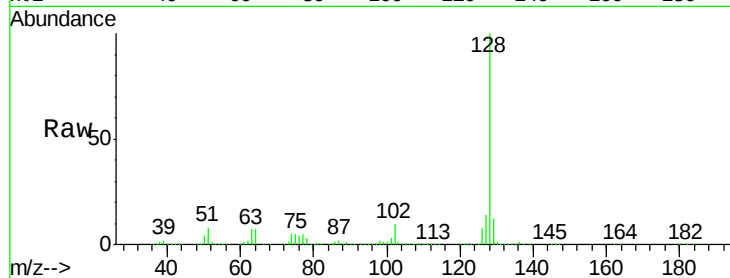
Tgt Ion:128 Resp: 2224151

Ion Ratio Lower Upper

128 100

129 11.9 8.4 12.6

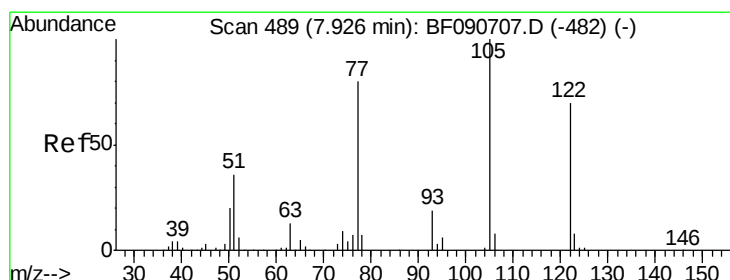
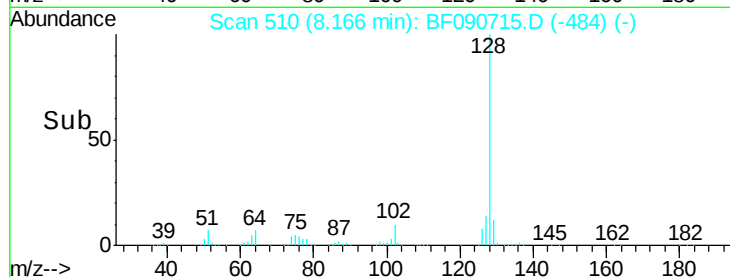
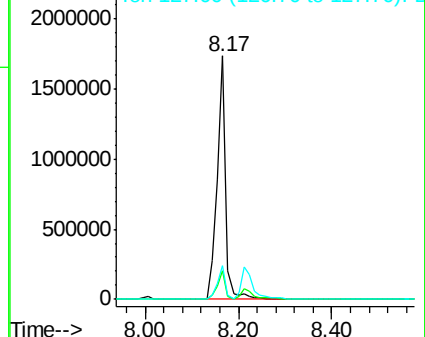
127 13.9 9.9 14.9



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: 31.38 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

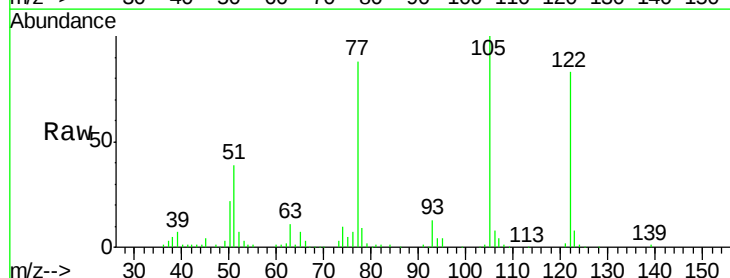
Tgt Ion:122 Resp: 355788

Ion Ratio Lower Upper

122 100

105 120.7 76.1 116.1#

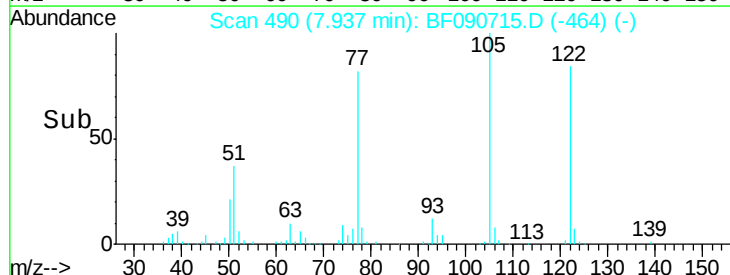
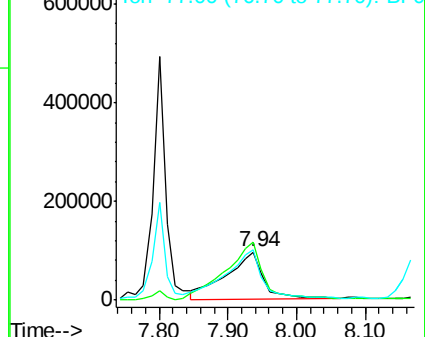
77 105.9 40.5 80.5#

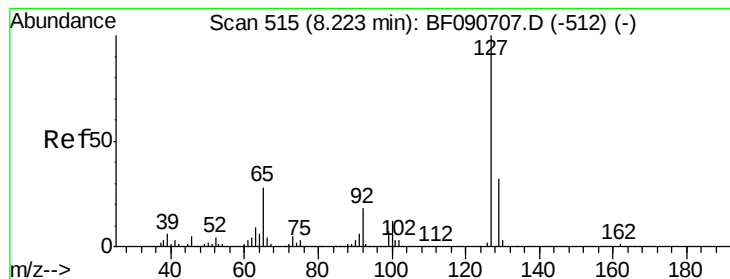


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 19.21 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

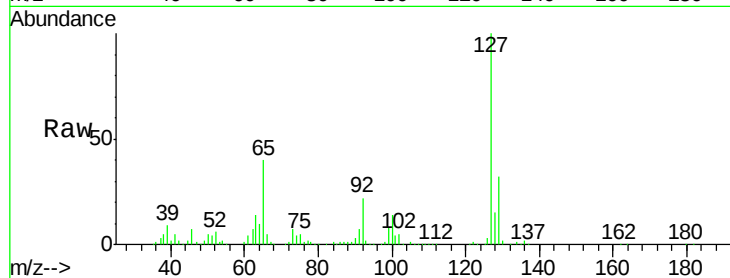
Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:	127	Resp:	434391
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	39.9	17.9	26.9#
92	21.7	10.5	15.7#

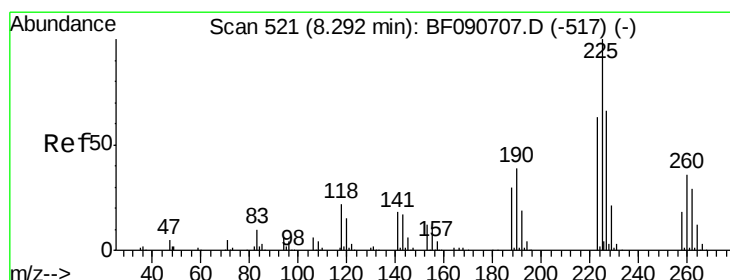
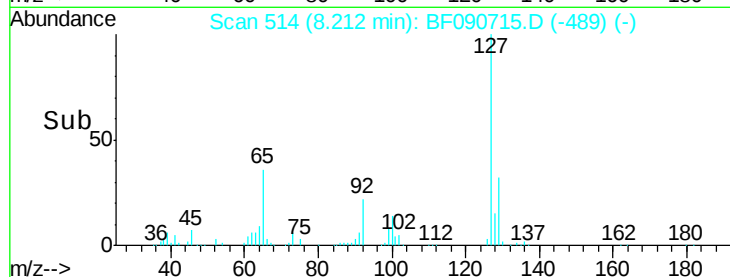
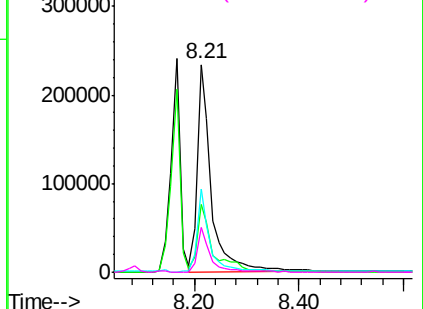


Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.53 ng

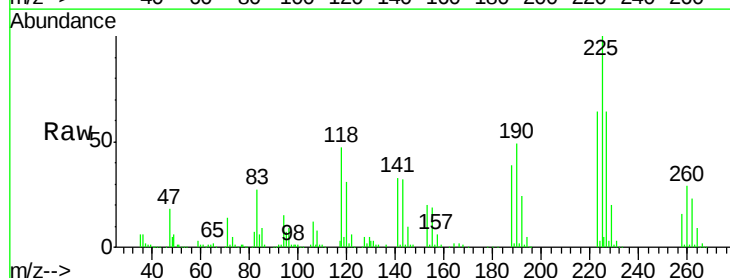
RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

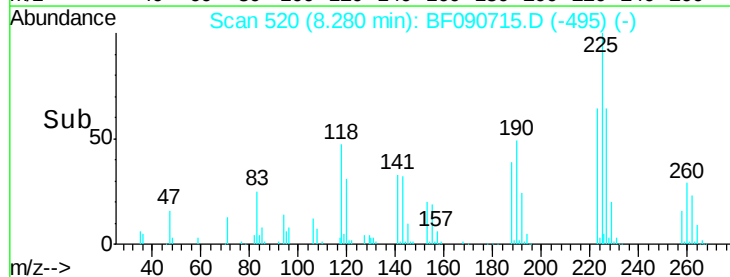
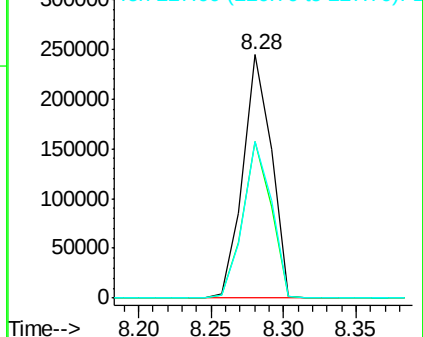
Tgt Ion:	225	Resp:	334638
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.2
227	64.4	52.2	78.2

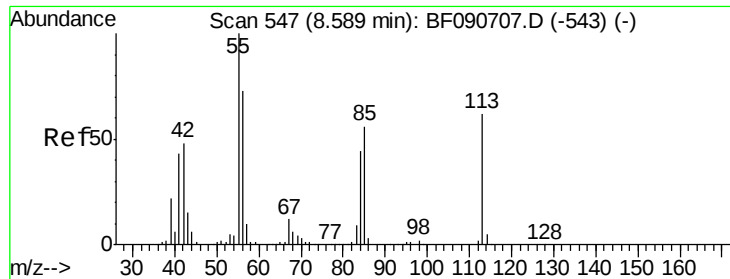


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

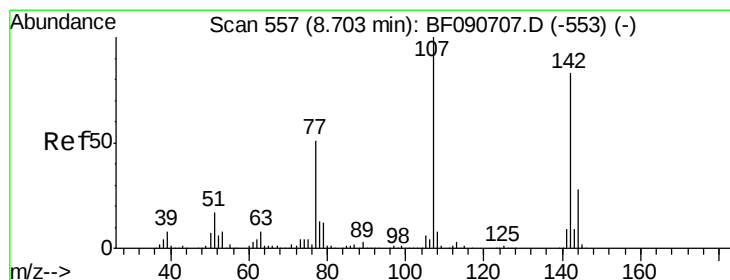
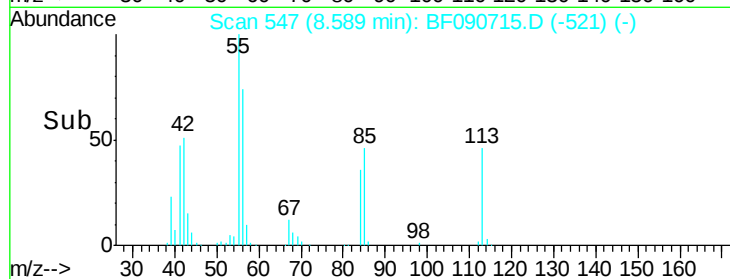
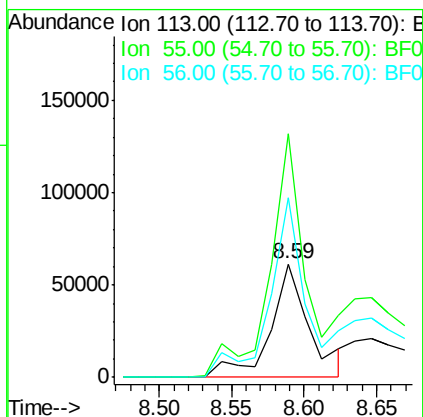
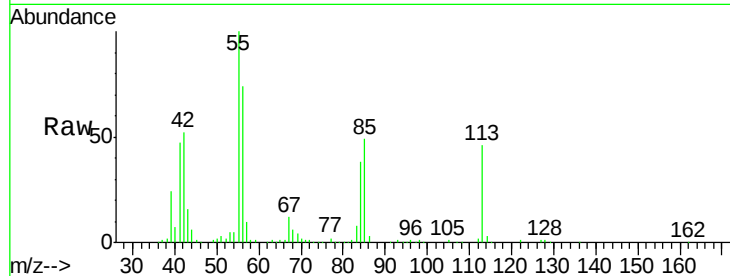




#35
 Caprolactam
 Concen: 27.27 ng
 RT: 8.59 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

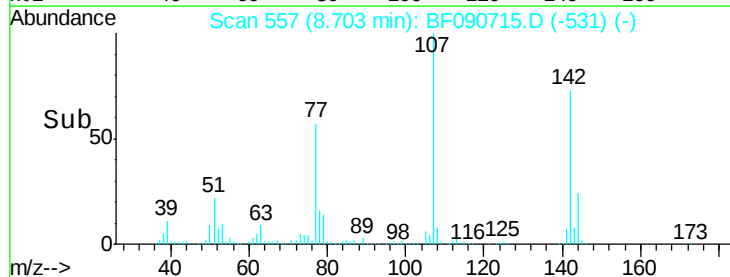
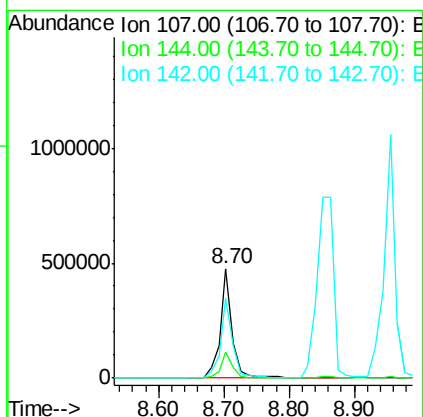
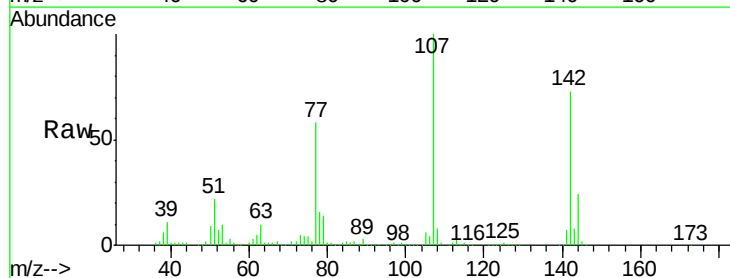
Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

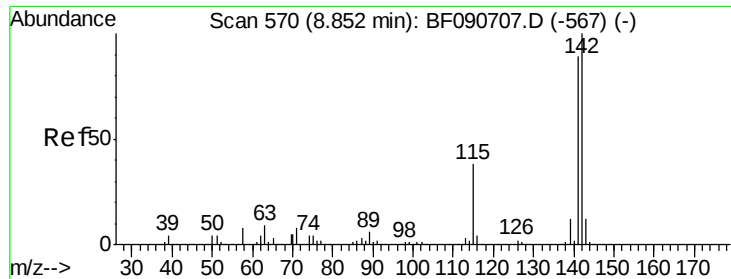
Tgt Ion:113 Resp: 114090
 Ion Ratio Lower Upper
 113 100
 55 215.1 152.4 192.4#
 56 159.0 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 36.28 ng
 RT: 8.70 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Tgt Ion:107 Resp: 618068
 Ion Ratio Lower Upper
 107 100
 144 23.6 25.4 38.0#
 142 73.2 77.3 115.9#

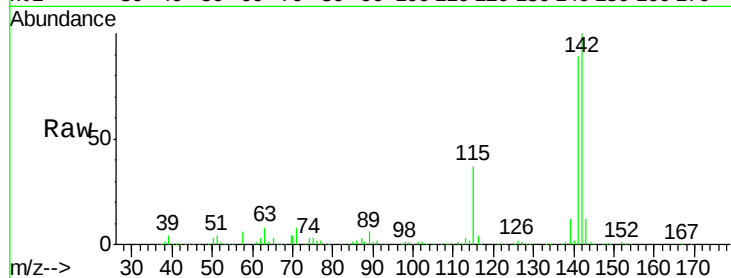




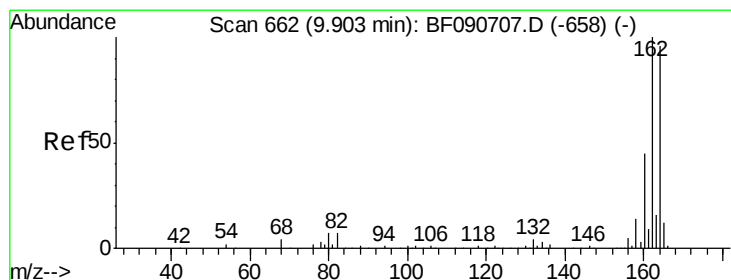
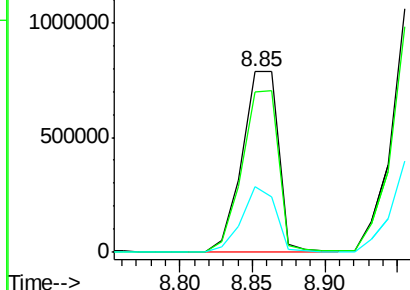
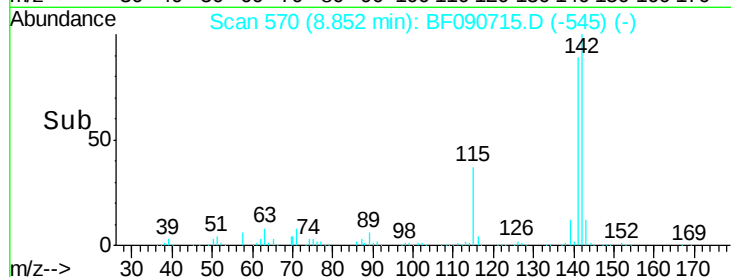
#37
2-Methylnaphthalene
Concen: 38.40 ng
RT: 8.85 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Instrument :
BNA_F
ClientSampled :
PB94239BS

Tgt Ion:142 Resp: 1368353
Ion Ratio Lower Upper
142 100
141 89.0 67.5 101.3
115 36.5 18.2 27.2#

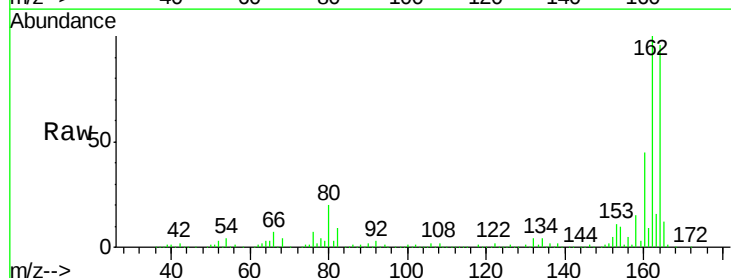


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

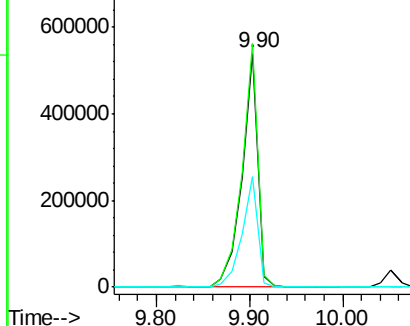
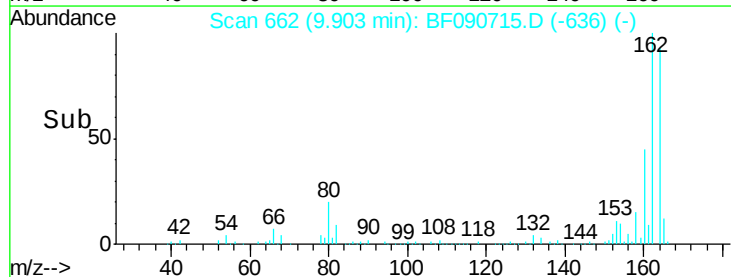


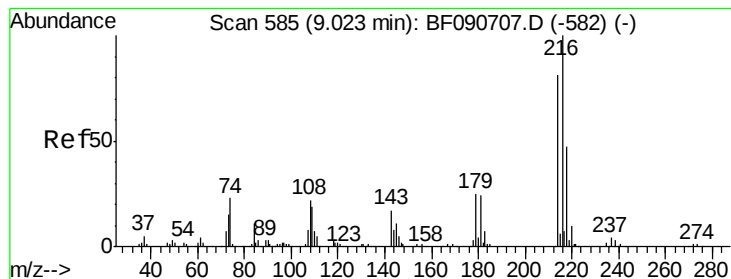
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:164 Resp: 636664
Ion Ratio Lower Upper
164 100
162 104.3 75.2 112.8
160 47.2 31.5 47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.43 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

Tgt Ion:216 Resp: 591919

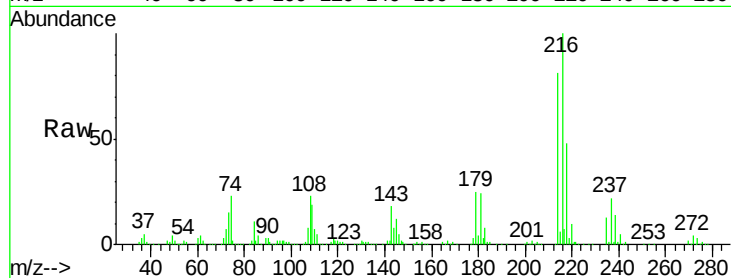
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 23.5 16.6 24.8

108 24.5 16.3 24.5#

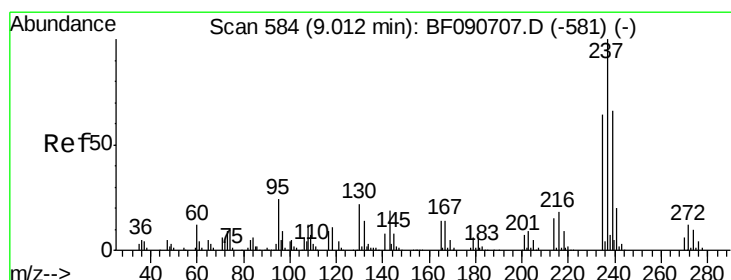
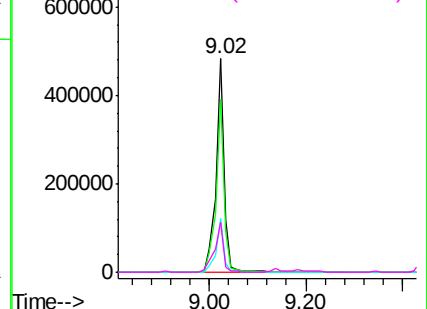
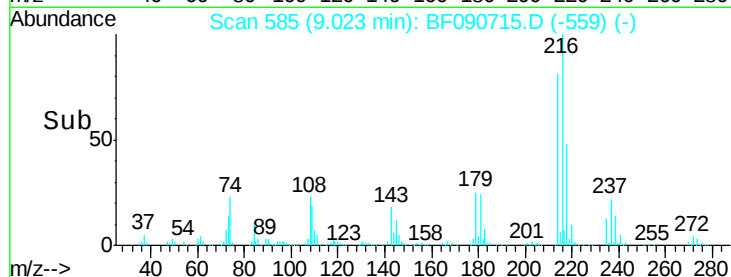


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.75 ng

RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

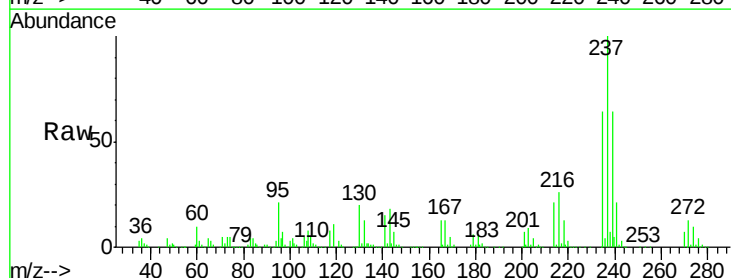
Tgt Ion:237 Resp: 732375

Ion Ratio Lower Upper

237 100

235 63.9 42.0 82.0

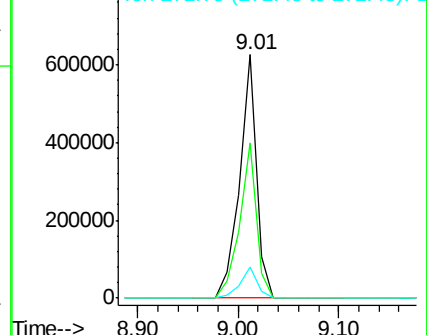
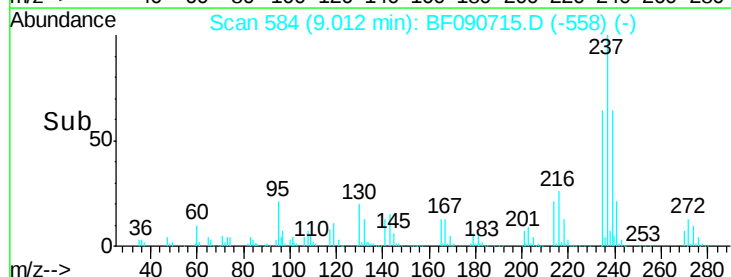
272 12.7 0.0 36.1

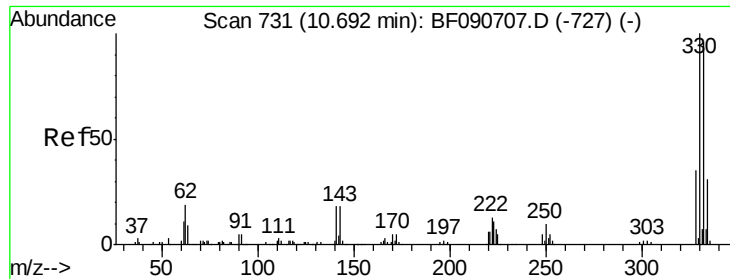


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

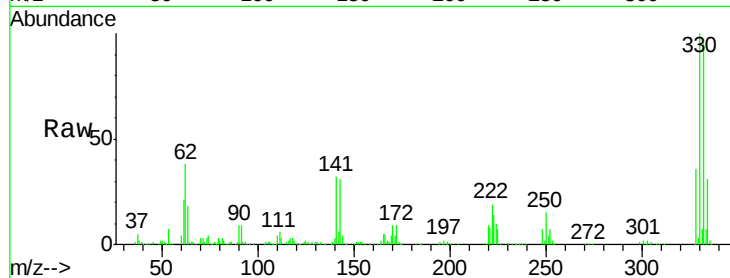




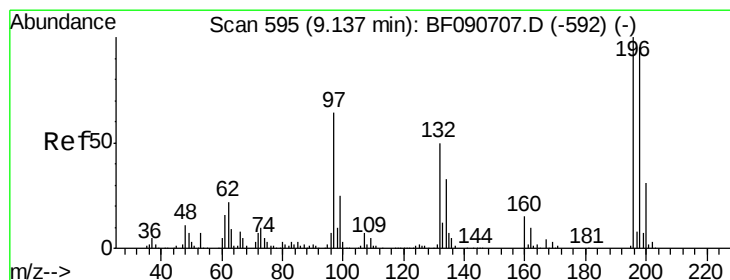
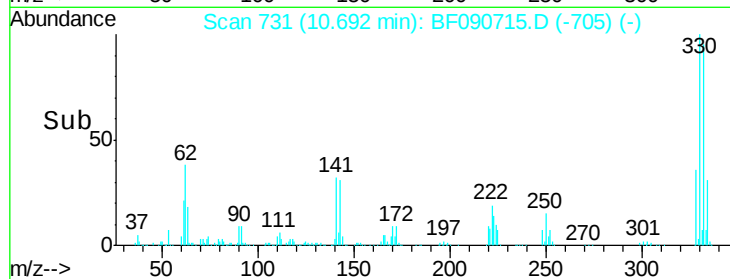
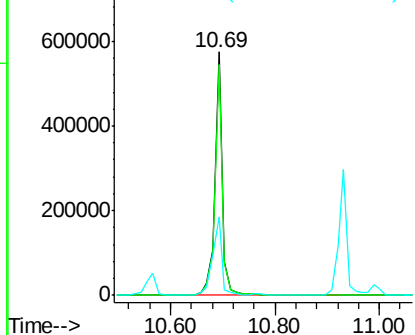
#41
 2,4,6-Tribromophenol
 Concen: 114.43 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tgt Ion:330 Resp: 576634
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 38.7 29.7 44.5

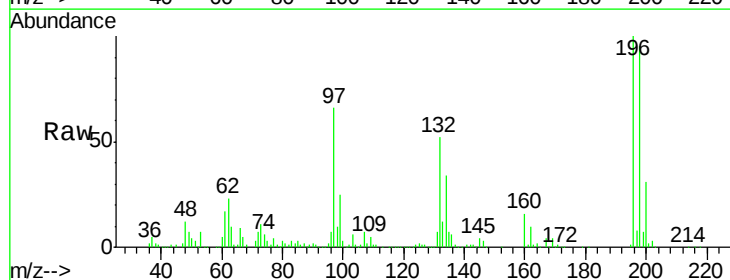


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

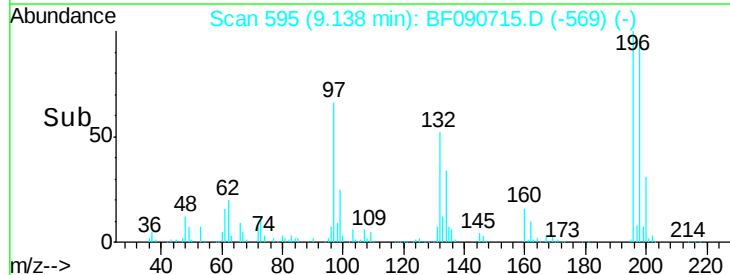
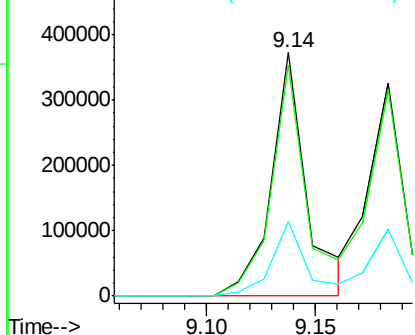


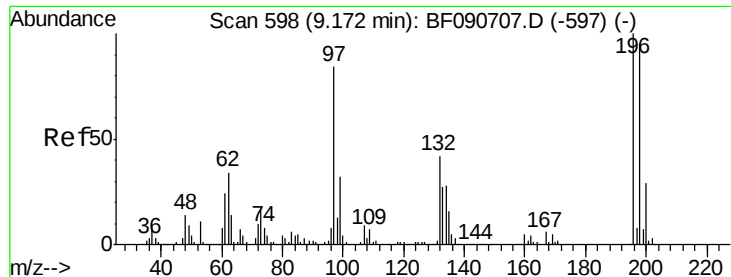
#42
 2,4,6-Trichlorophenol
 Concen: 39.84 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Tgt Ion:196 Resp: 424706
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 200 30.8 23.9 35.9



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

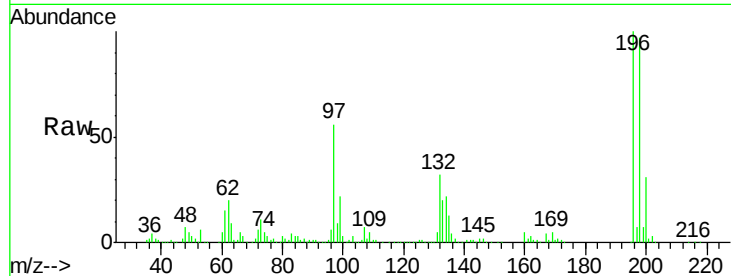




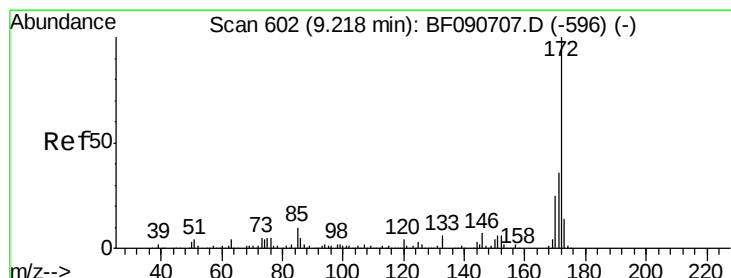
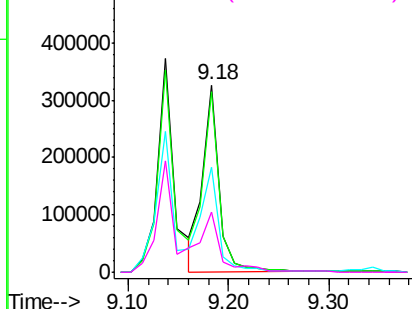
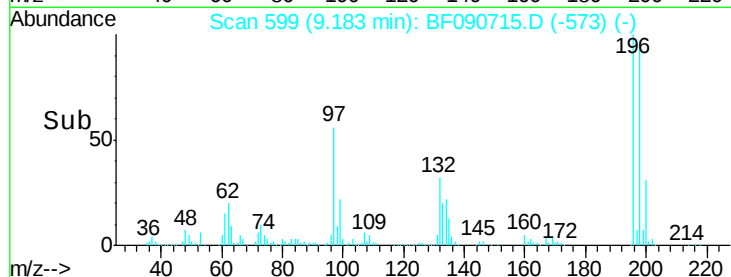
#43
 2,4,5-Trichlorophenol
 Concen: 34.77 ng
 RT: 9.18 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tgt Ion:196 Resp: 376130
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.4 113.0
 97 56.2 33.3 49.9#
 132 32.5 24.6 37.0

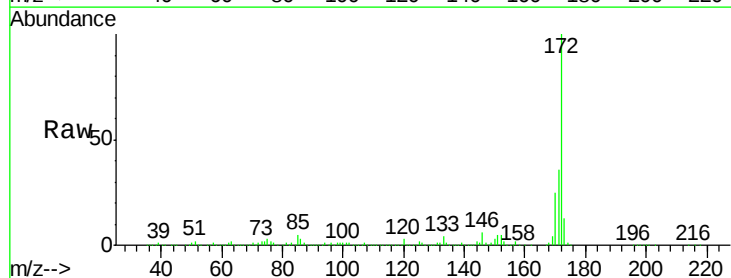


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

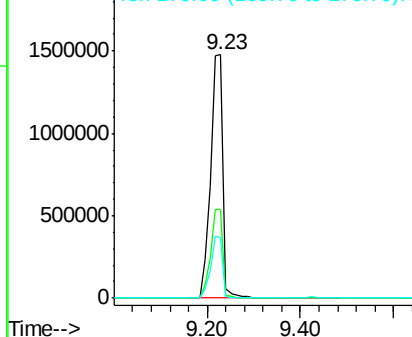
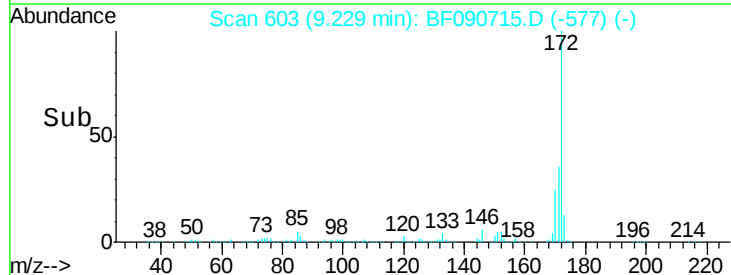


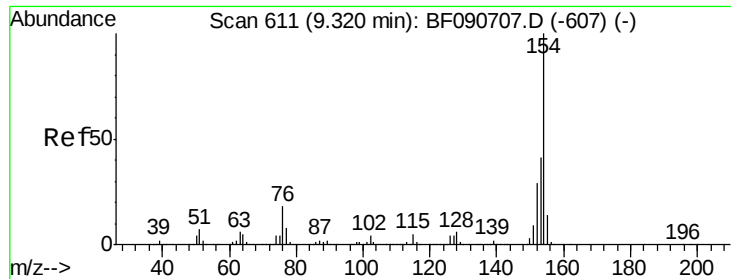
#44
 2-Fluorobiphenyl
 Concen: 67.32 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Tgt Ion:172 Resp: 2760795
 Ion Ratio Lower Upper
 172 100
 171 36.3 26.1 39.1
 170 24.8 17.4 26.2



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

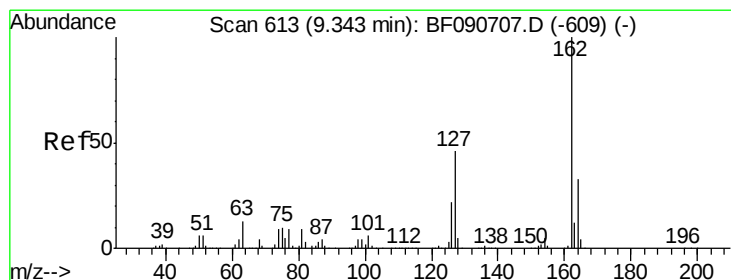
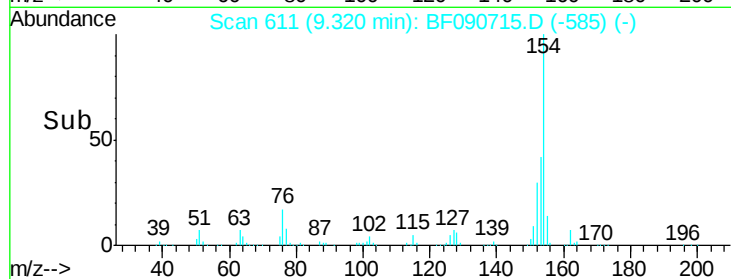
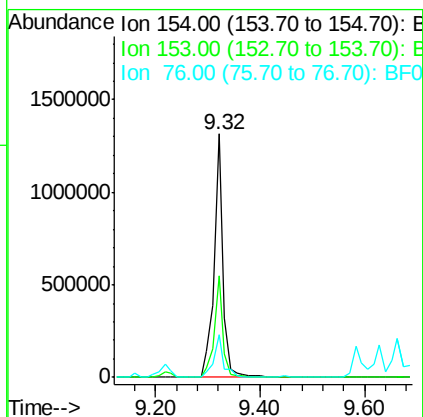
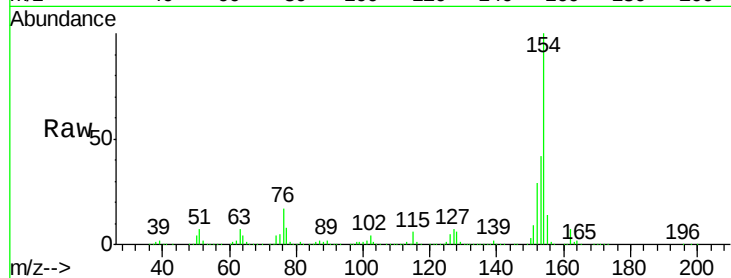




#45
 1,1'-Biphenyl
 Concen: 31.68 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

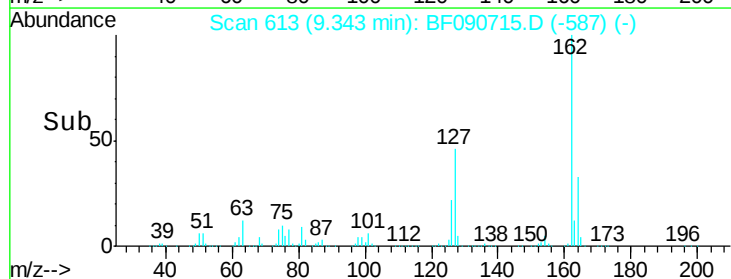
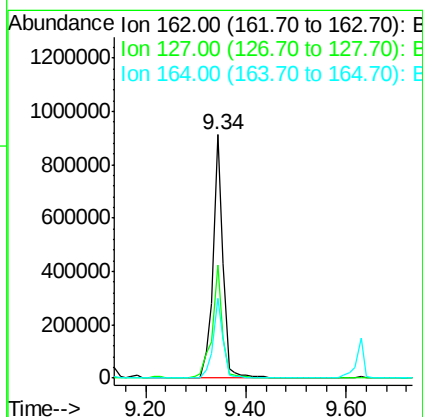
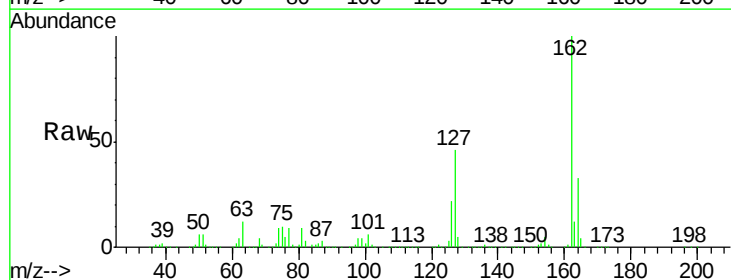
Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

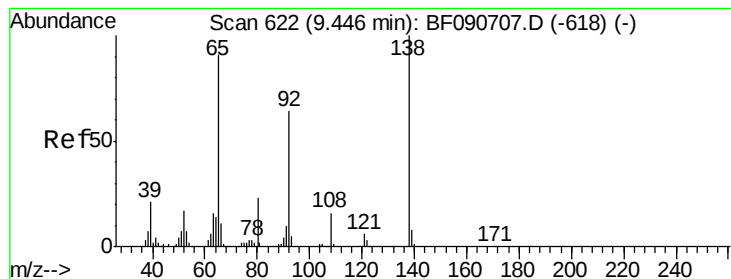
Tgt Ion:154 Resp: 1583705
 Ion Ratio Lower Upper
 154 100
 153 41.9 17.1 57.1
 76 17.5 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 34.03 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Tgt Ion:162 Resp: 1264797
 Ion Ratio Lower Upper
 162 100
 127 46.3 27.6 41.4#
 164 33.0 25.4 38.2





#47

2-Nitroaniline

Concen: 36.88 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

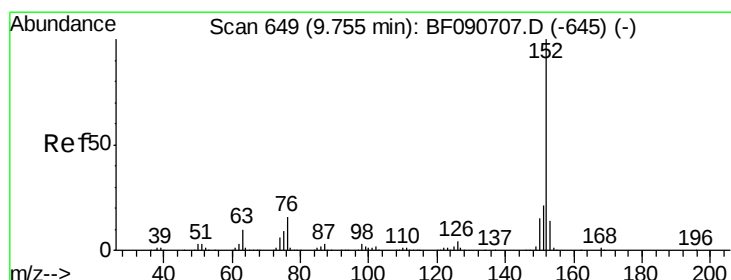
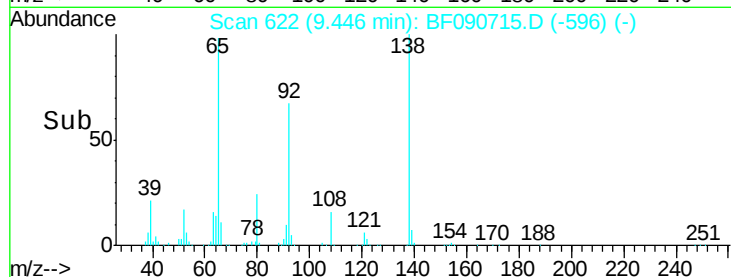
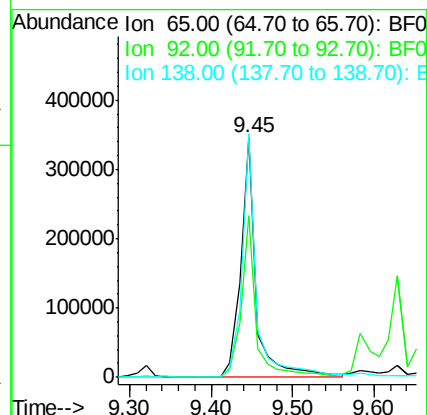
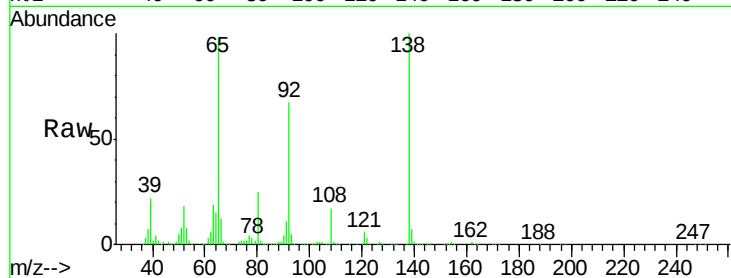
Tgt Ion: 65 Resp: 454914

Ion Ratio Lower Upper

65 100

92 67.8 55.4 83.0

138 101.8 115.5 173.3#



#48

Acenaphthylene

Concen: 35.85 ng

RT: 9.77 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

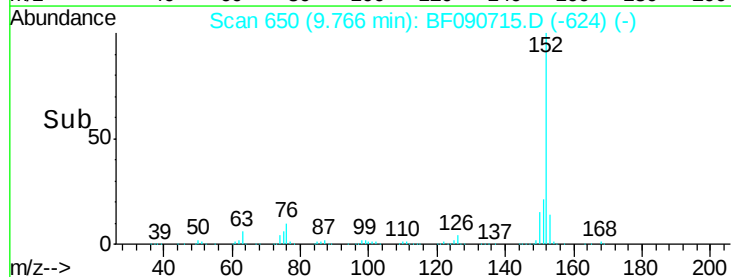
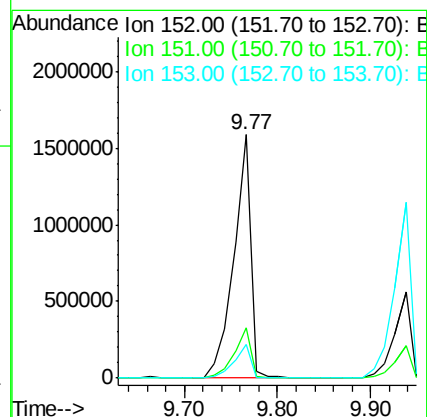
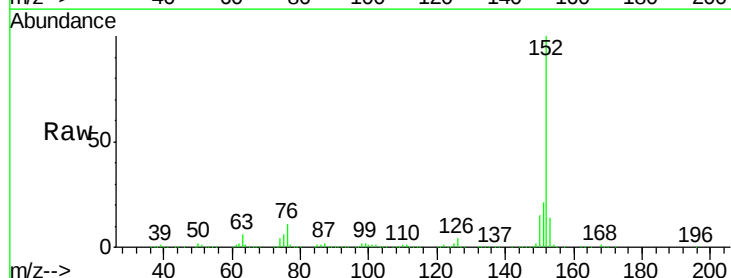
Tgt Ion: 152 Resp: 2032911

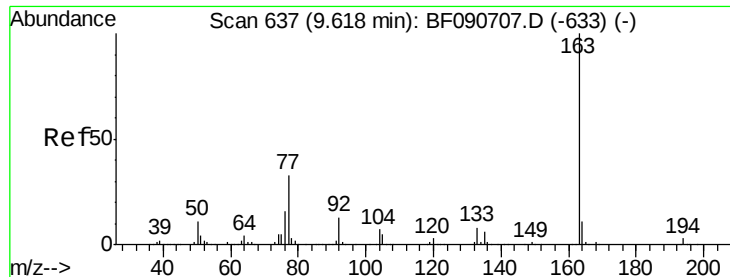
Ion Ratio Lower Upper

152 100

151 20.9 14.6 22.0

153 13.8 10.3 15.5





#49

Dimethylphthalate

Concen: 37.19 ng

RT: 9.63 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

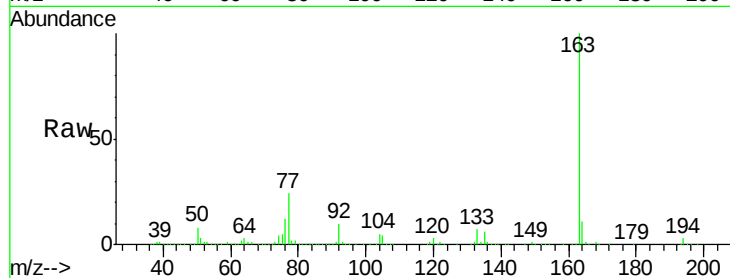
Tgt Ion:163 Resp: 1487674

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

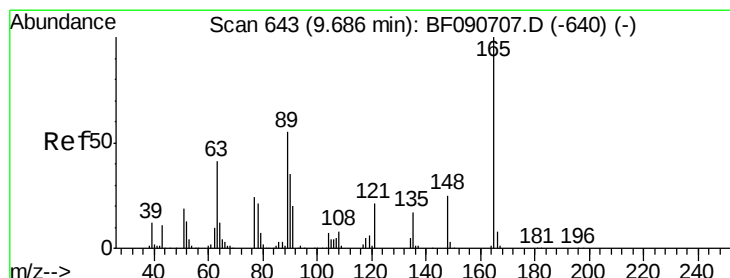
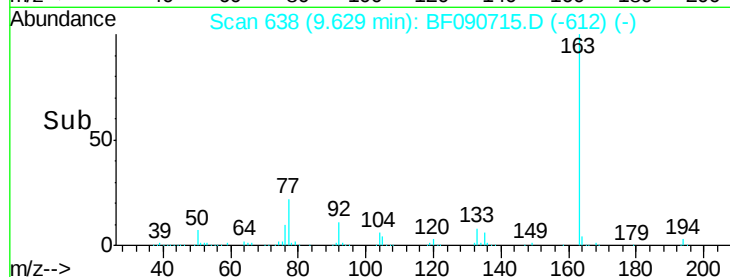
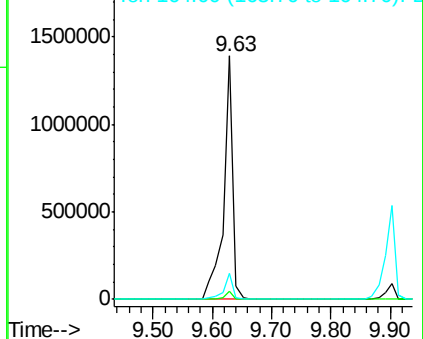
164 10.7 8.3 12.5



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: 35.78 ng

RT: 9.69 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

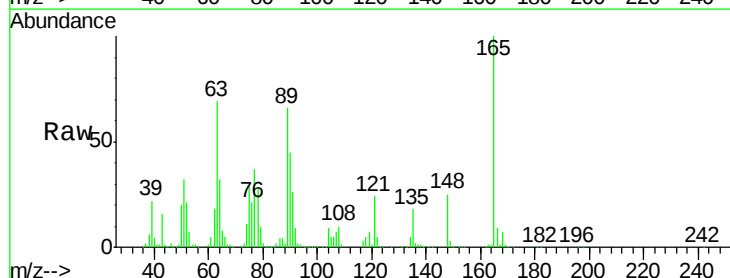
Tgt Ion:165 Resp: 307836

Ion Ratio Lower Upper

165 100

63 69.2 32.3 48.5#

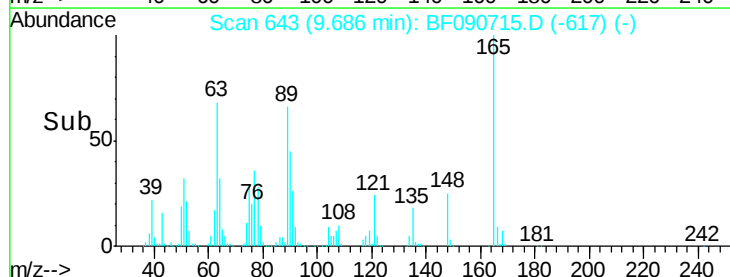
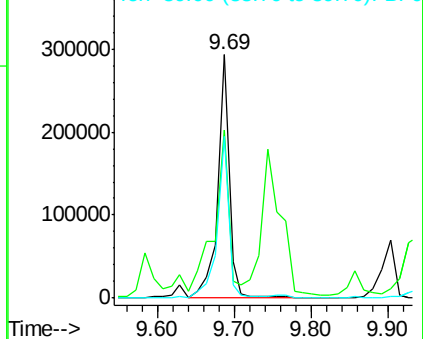
89 66.5 28.6 43.0#

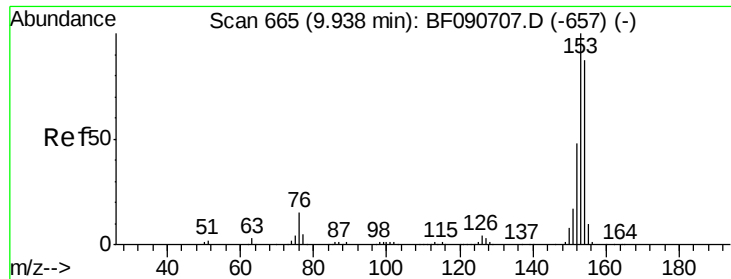


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.22 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

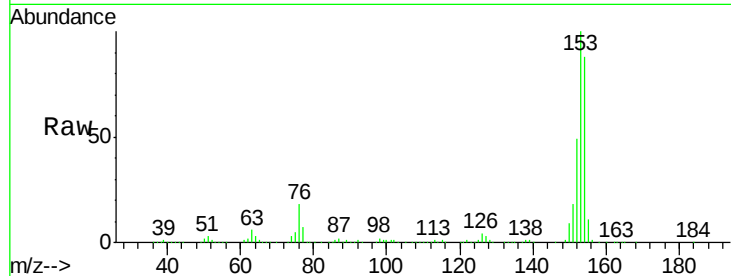
Tgt Ion:154 Resp: 1438765

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

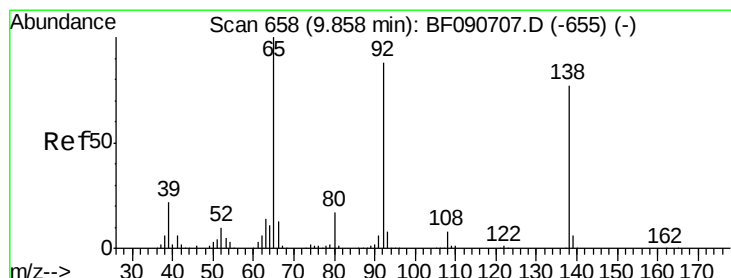
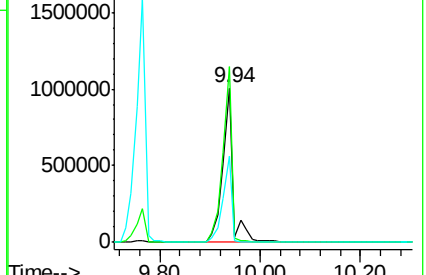
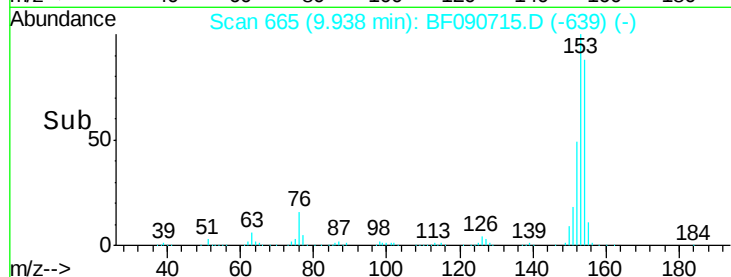
152 55.5 37.9 56.9



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: 21.72 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

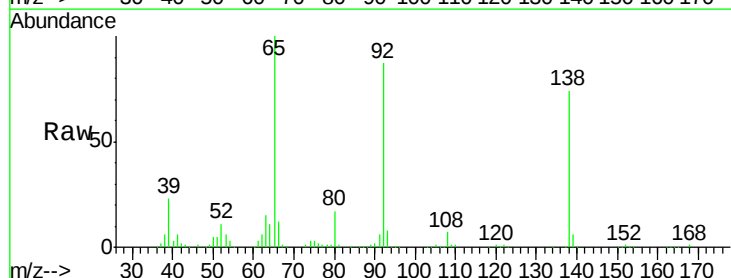
Tgt Ion:138 Resp: 214765

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

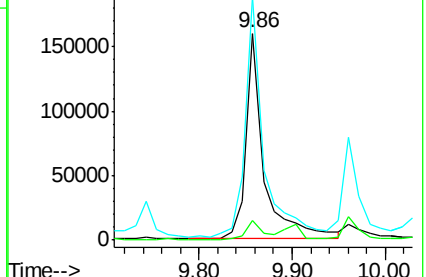
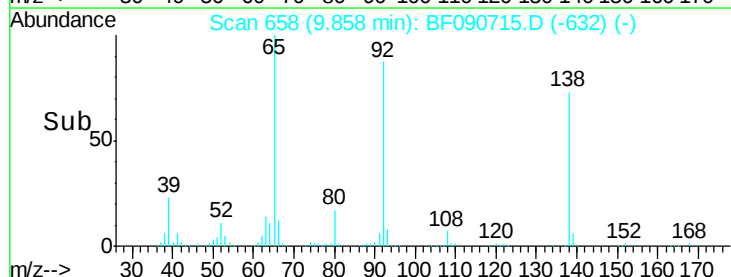
92 117.7 67.7 101.5#

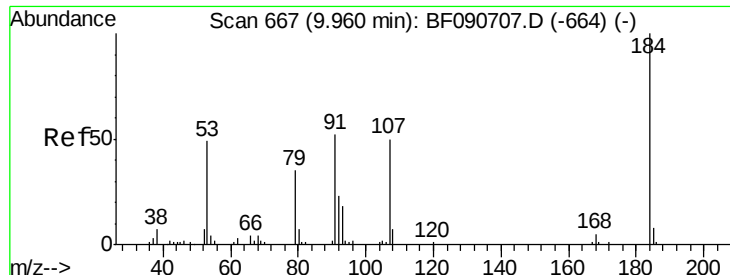


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

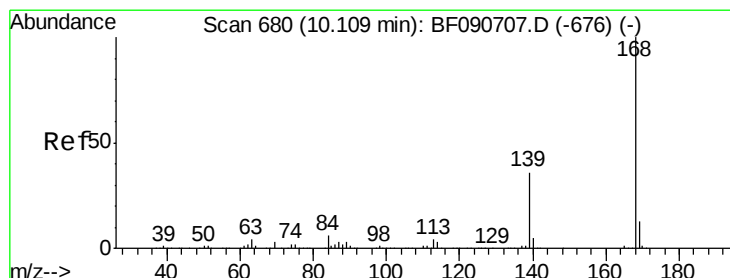
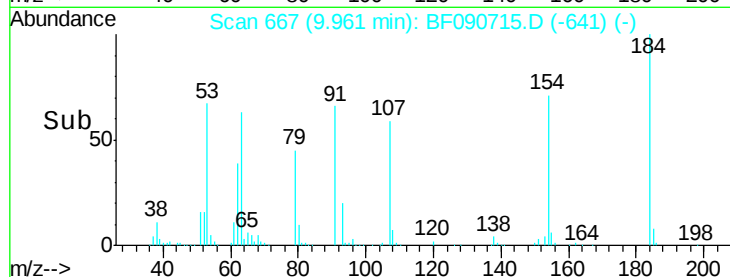
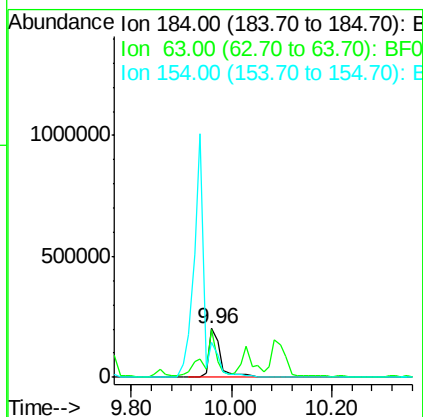
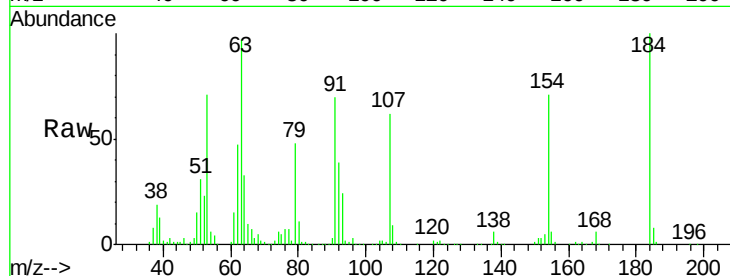




#53
2,4-Dinitrophenol
Concen: 70.86 ng
RT: 9.96 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

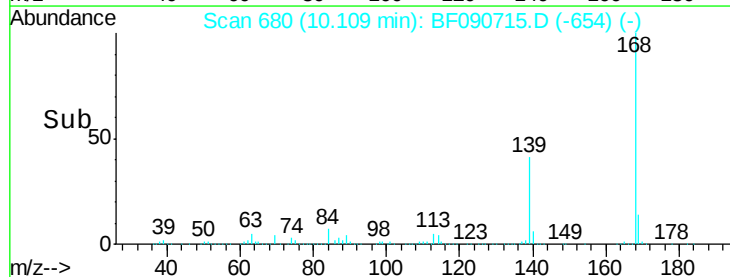
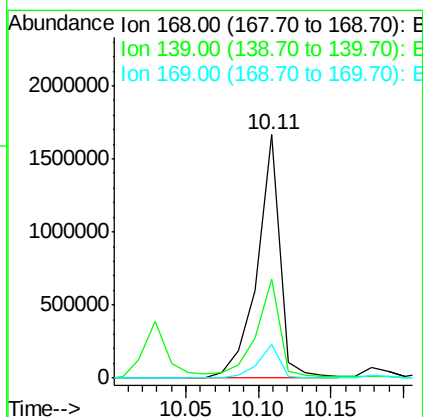
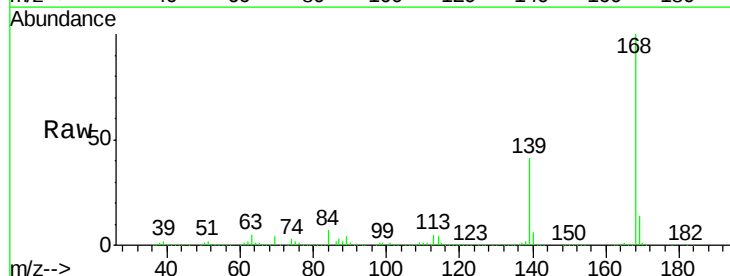
Instrument :
BNA_F
ClientSampleId :
PB94239BS

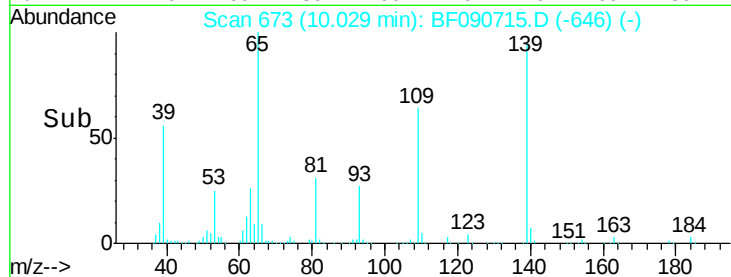
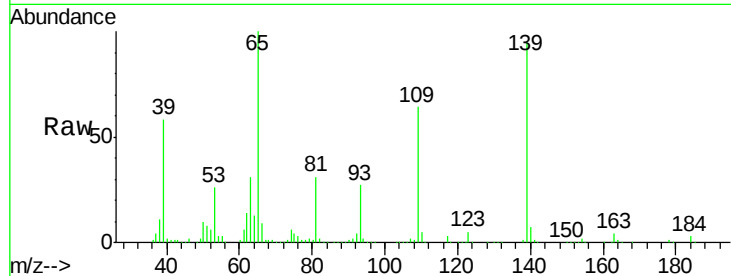
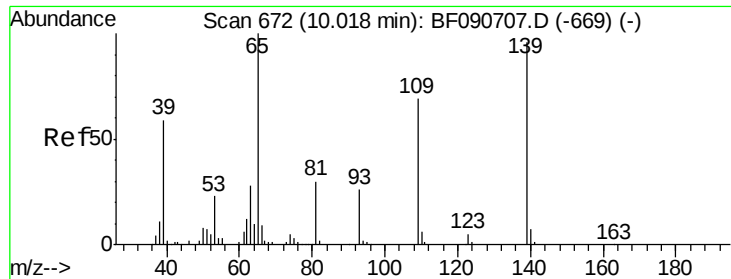
Tgt Ion:184 Resp: 328951
Ion Ratio Lower Upper
184 100
63 97.5 35.4 53.2#
154 71.2 32.2 48.4#



#54
Dibenzofuran
Concen: 39.79 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:168 Resp: 1814618
Ion Ratio Lower Upper
168 100
139 40.6 24.2 36.2#
169 14.1 10.6 15.8

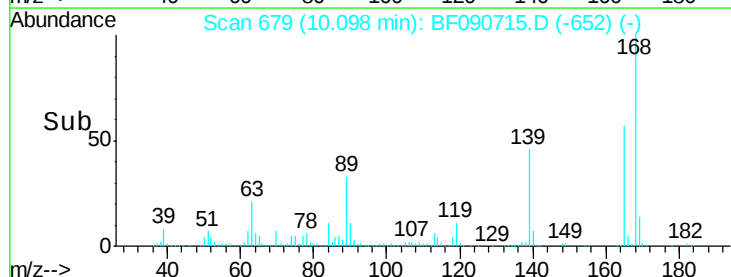
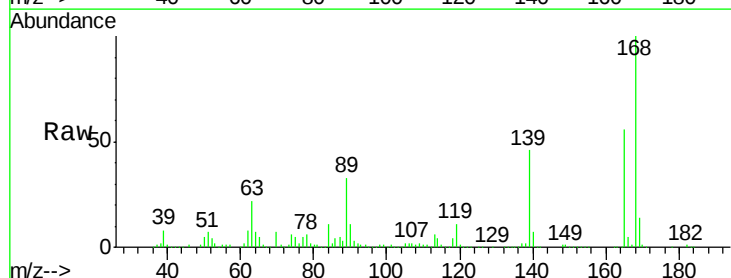
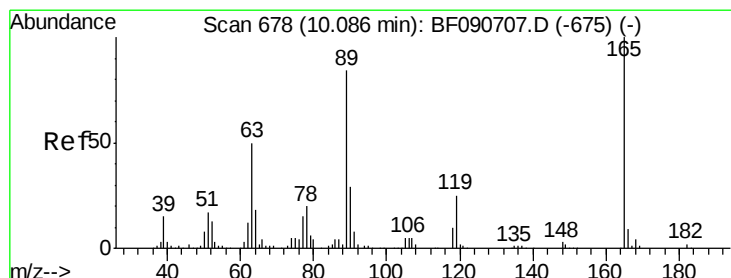
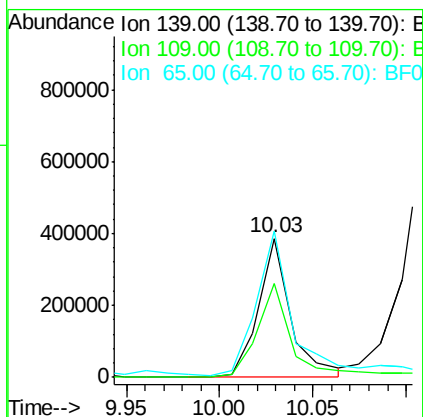




#55
4-Nitrophenol
Concen: 77.11 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

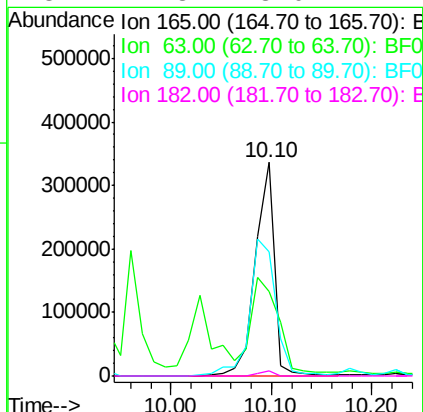
Instrument :
BNA_F
ClientSampleId :
PB94239BS

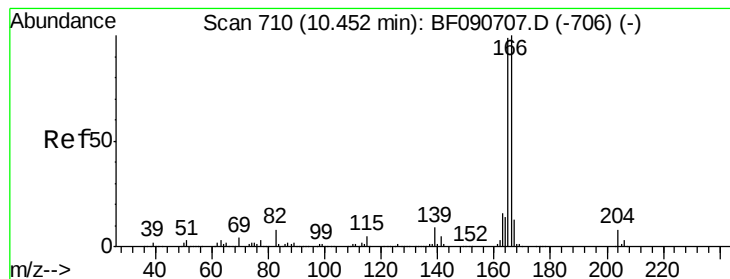
Tgt Ion:139 Resp: 467075
Ion Ratio Lower Upper
139 100
109 67.3 12.7 52.7#
65 105.8 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 42.65 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:165 Resp: 448449
Ion Ratio Lower Upper
165 100
63 39.4 29.8 44.6
89 58.4 44.5 66.7
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 37.96 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

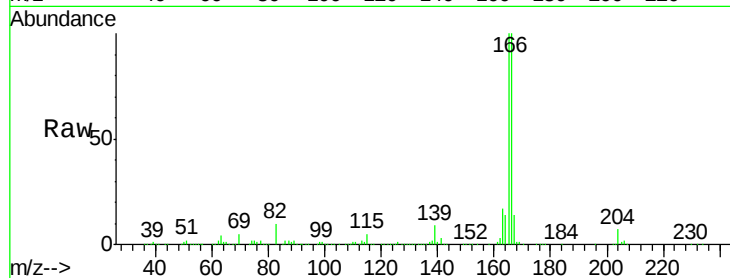
Tgt Ion:166 Resp: 1434330

Ion Ratio Lower Upper

166 100

165 99.8 72.6 109.0

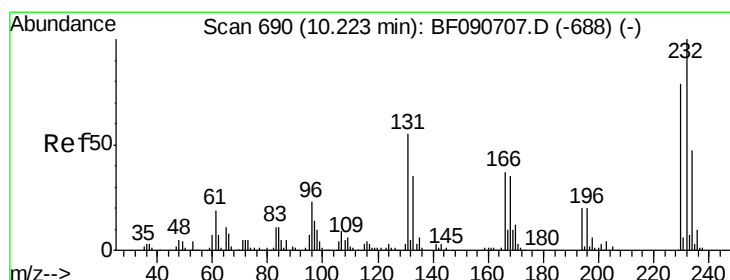
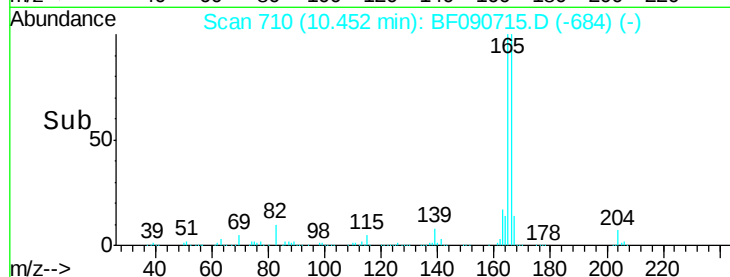
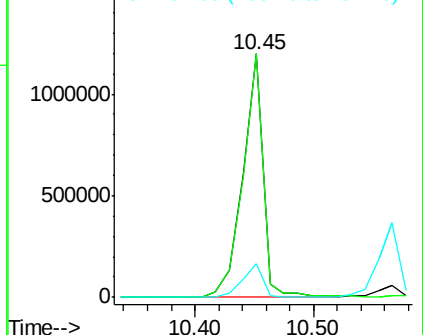
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.49 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Tgt Ion:232 Resp: 335261

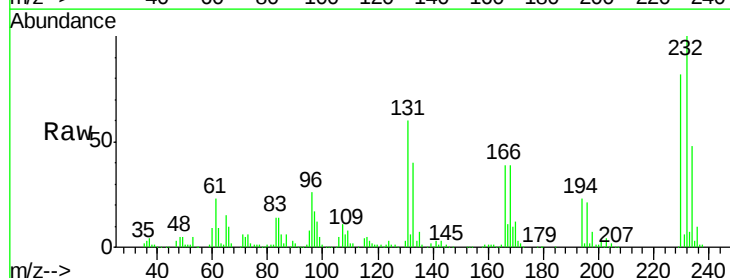
Ion Ratio Lower Upper

232 100

131 55.3 38.5 57.7

130 2.5 1.8 2.6

166 34.2 25.0 37.6

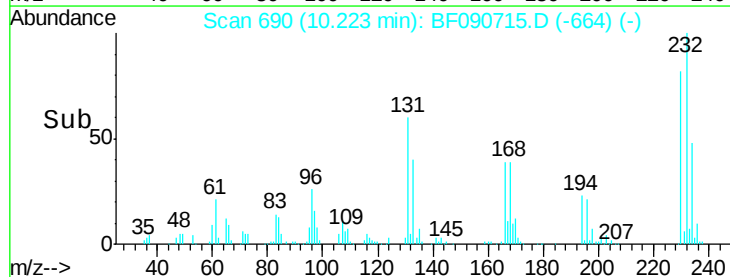
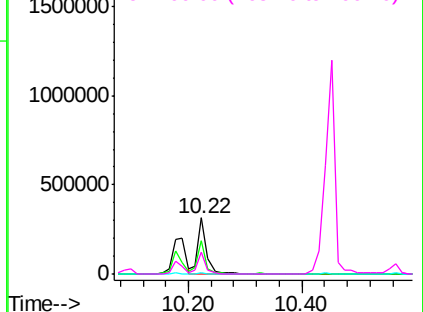


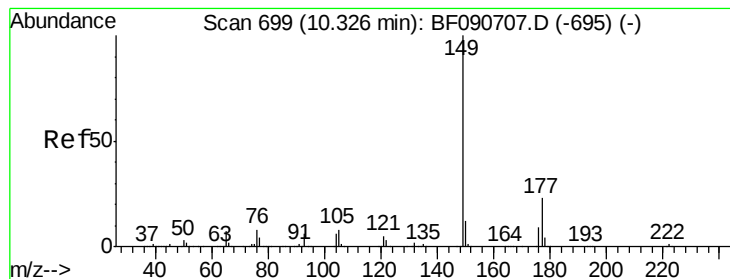
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.57 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

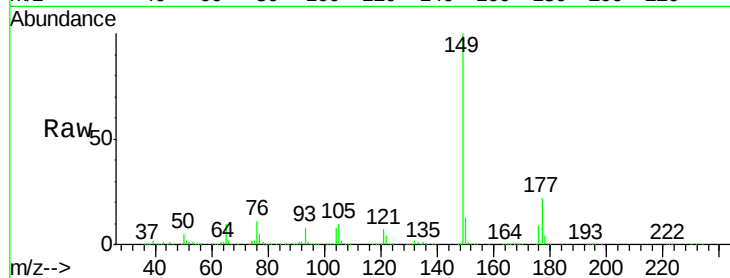
Tgt Ion:149 Resp: 1475902

Ion Ratio Lower Upper

149 100

177 21.8 17.5 26.3

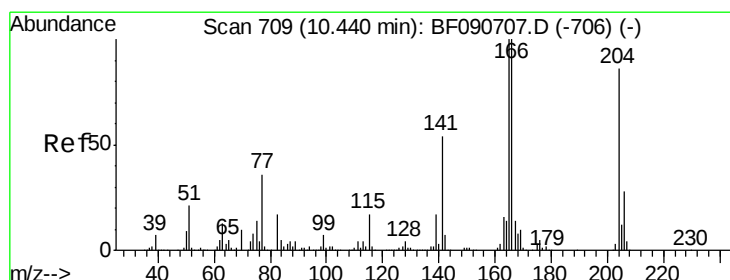
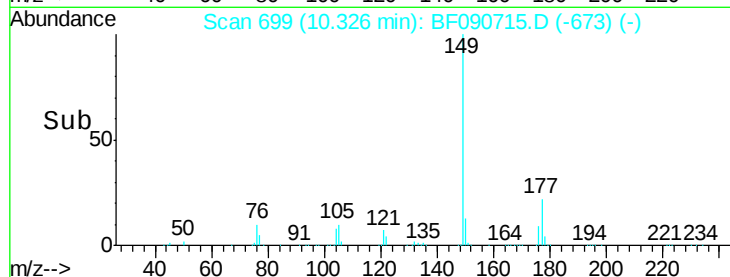
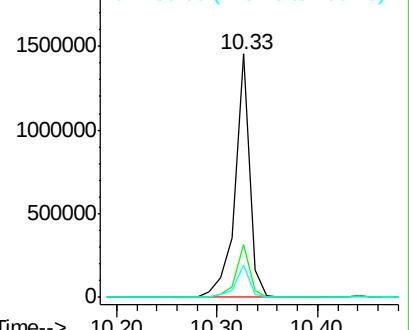
150 13.1 9.4 14.2



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: 38.69 ng

RT: 10.44 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

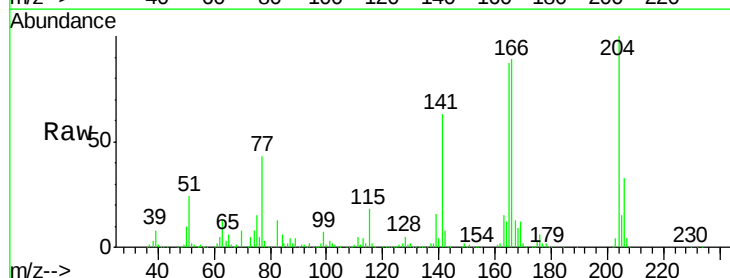
Tgt Ion:204 Resp: 668252

Ion Ratio Lower Upper

204 100

206 33.4 24.8 37.2

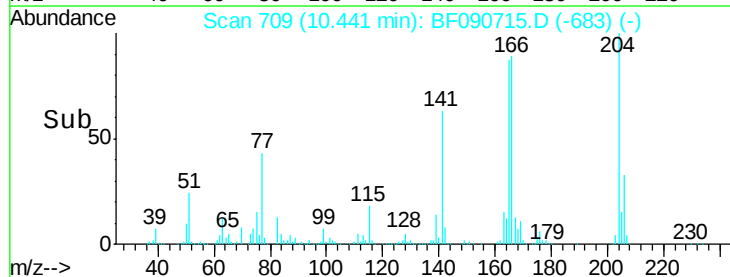
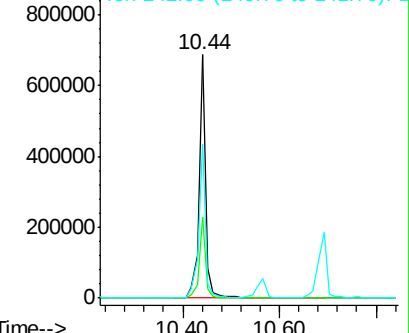
141 63.5 42.2 63.4#

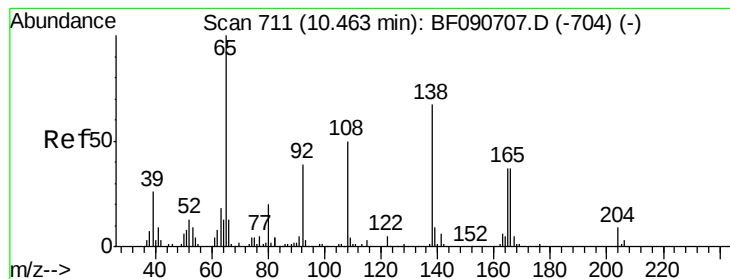


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.22 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

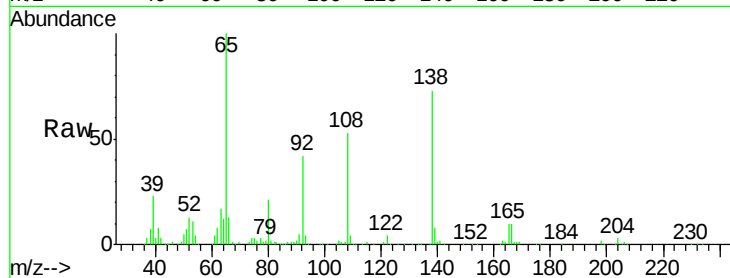
Tgt Ion:138 Resp: 332740

Ion Ratio Lower Upper

138 100

92 57.0 12.6 52.6#

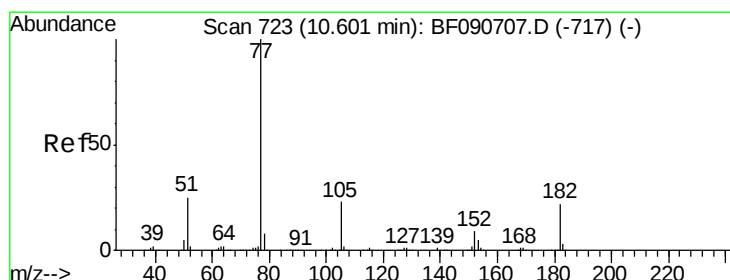
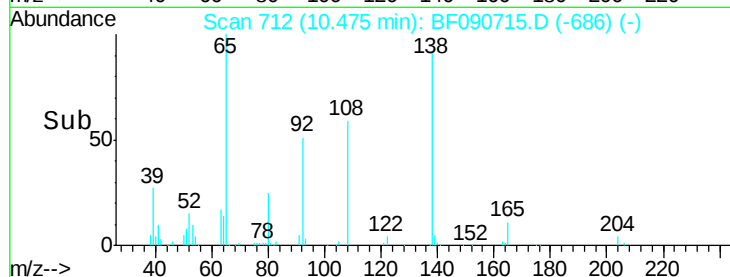
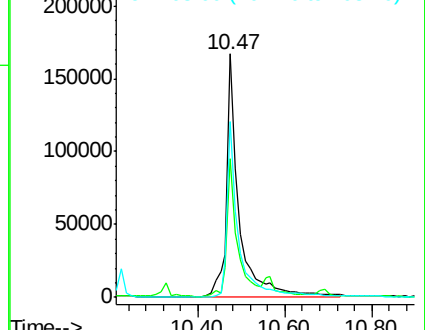
108 72.2 12.4 52.4#



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: 36.71 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Tgt Ion: 77 Resp: 1783466

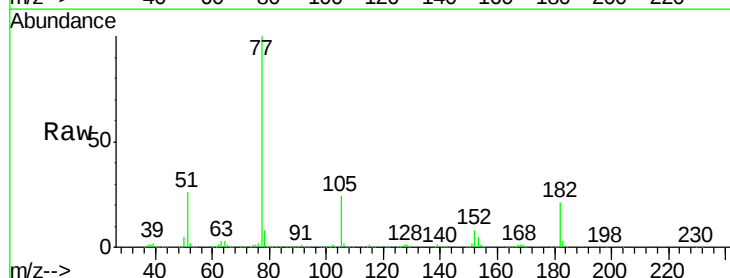
Ion Ratio Lower Upper

77 100

182 20.6 15.1 55.1

105 23.9 3.4 43.4

51 26.0 12.0 52.0

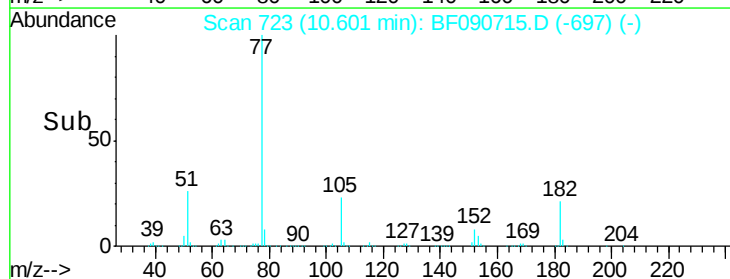
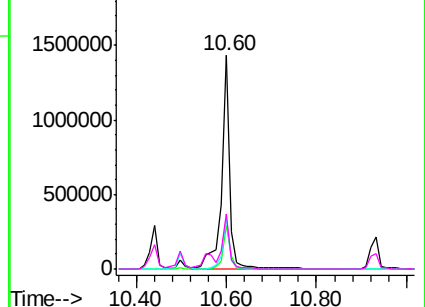


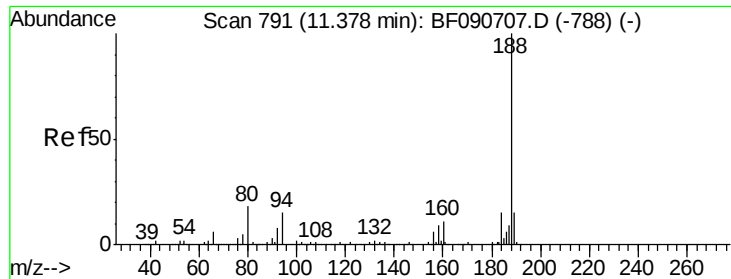
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

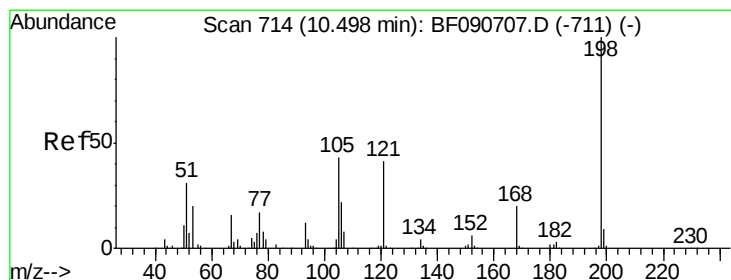
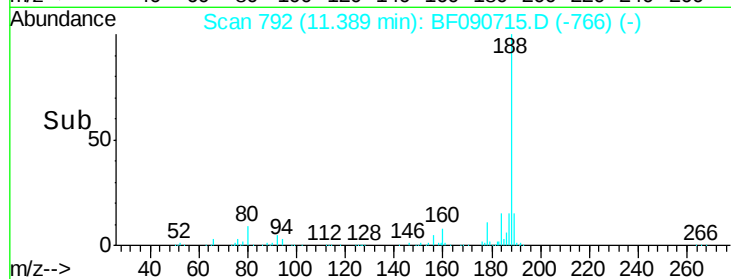
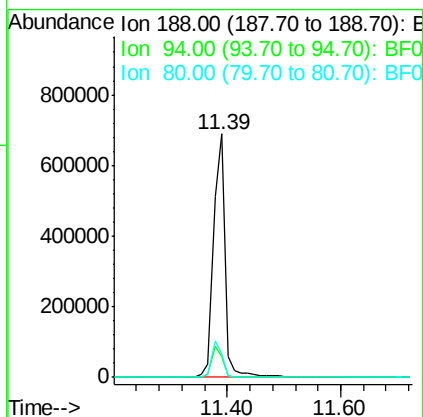
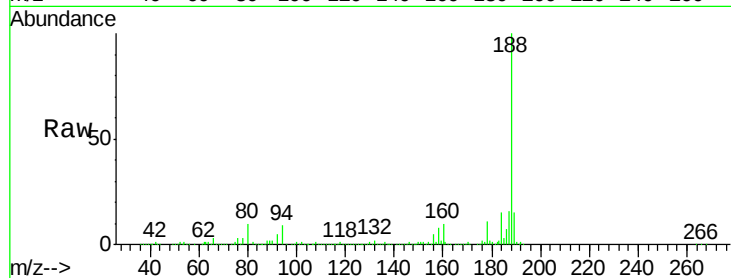




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

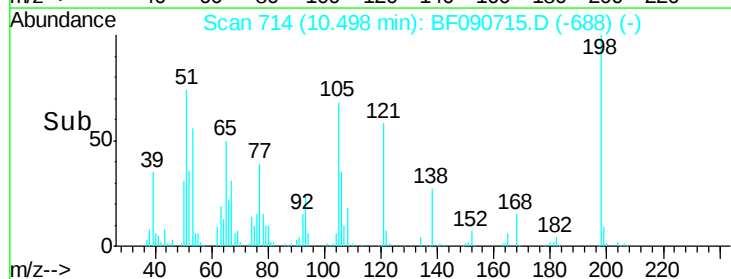
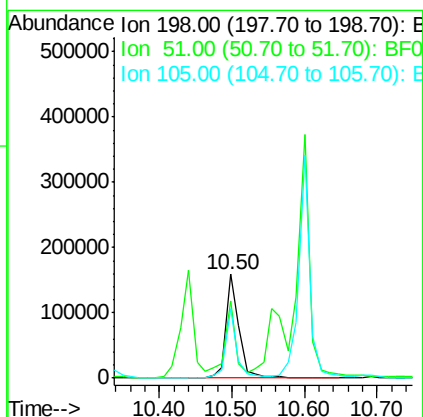
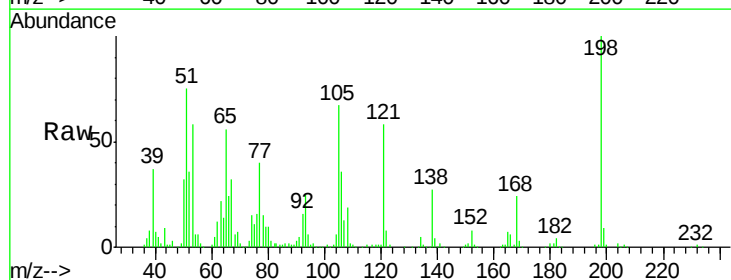
Instrument :
BNA_F
ClientSampleId :
PB94239BS

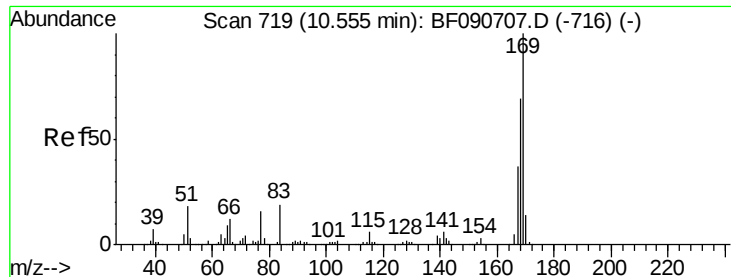
Tgt Ion:188 Resp: 955683
Ion Ratio Lower Upper
188 100
94 8.8 11.1 16.7#
80 9.7 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.02 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:198 Resp: 199406
Ion Ratio Lower Upper
198 100
51 74.6 39.6 79.6
105 67.2 28.5 68.5

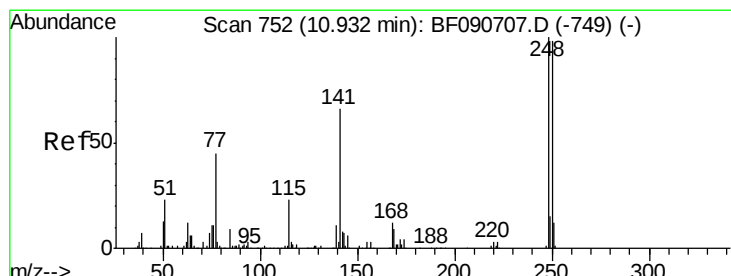
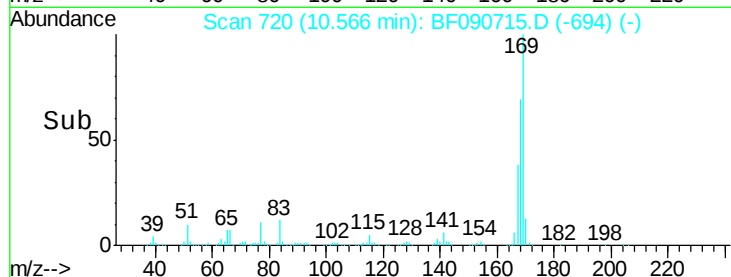
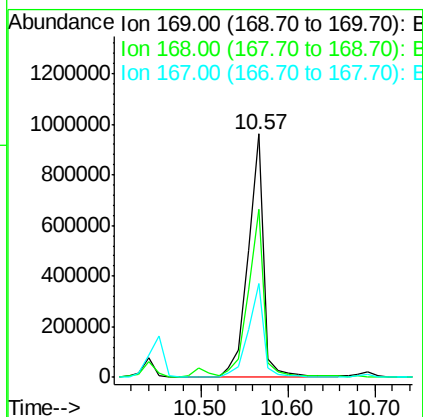
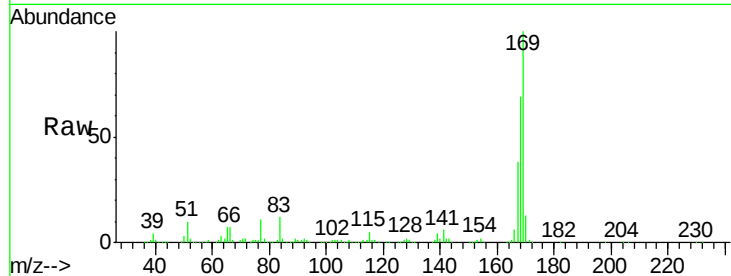




#65
n-Nitrosodiphenylamine
Concen: 39.34 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

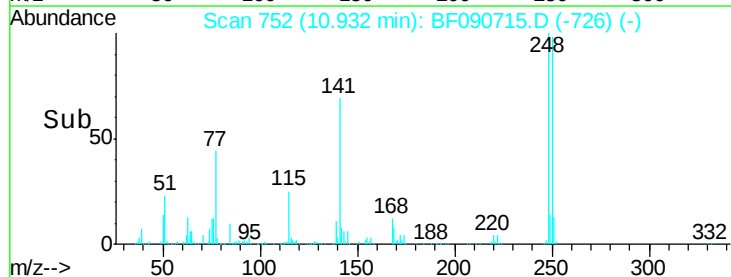
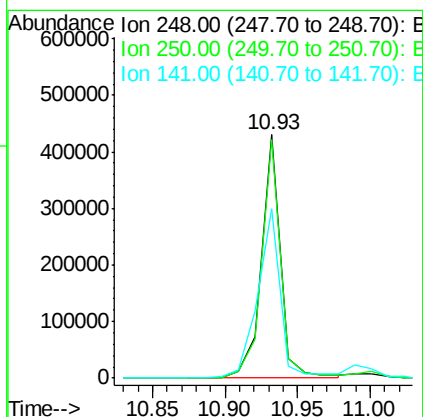
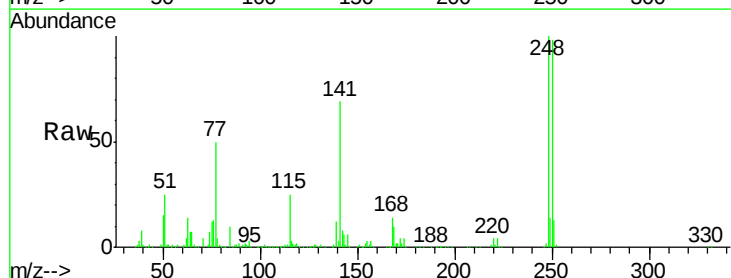
Instrument :
BNA_F
ClientSampleId :
PB94239BS

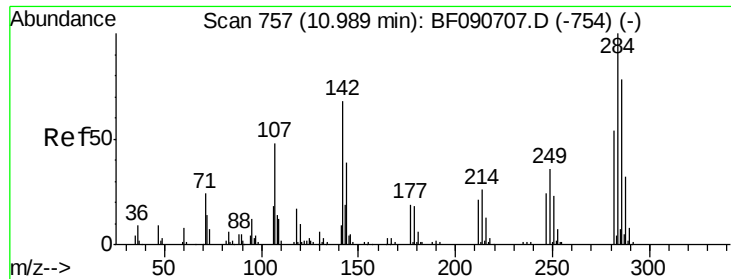
Tgt Ion:169 Resp: 1204582
Ion Ratio Lower Upper
169 100
168 69.3 48.9 73.3
167 38.5 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 42.32 ng
RT: 10.93 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:248 Resp: 392122
Ion Ratio Lower Upper
248 100
250 97.8 78.5 117.7
141 69.4 59.0 88.6

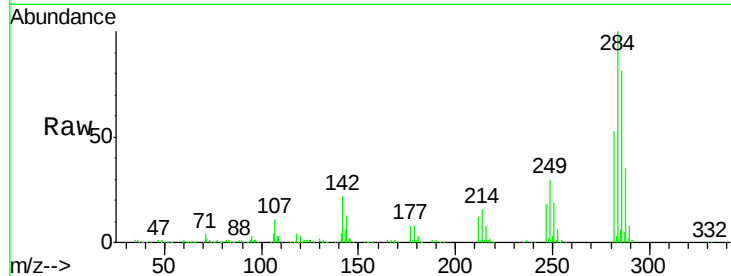




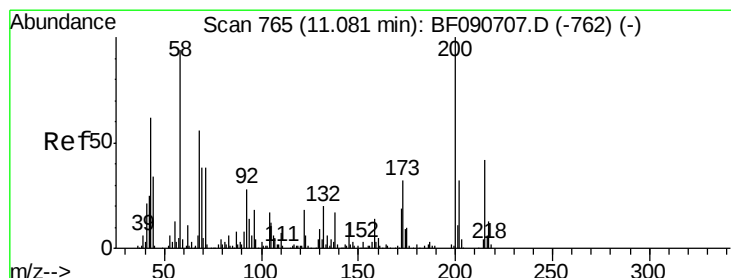
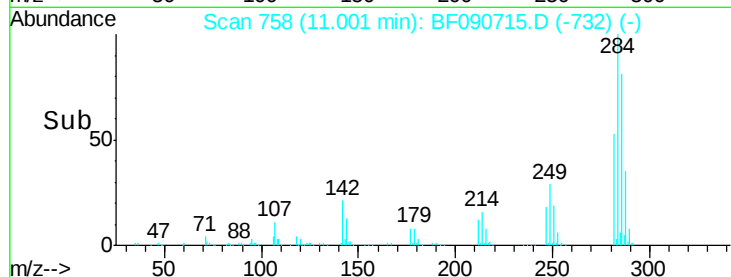
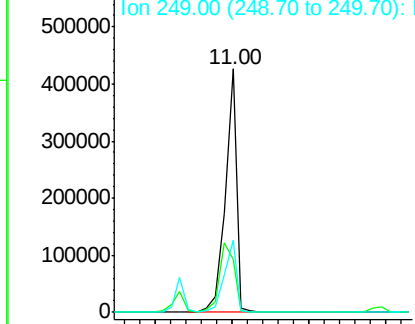
#67
Hexachlorobenzene
Concen: 40.79 ng
RT: 11.00 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Instrument :
BNA_F
ClientSampleId :
PB94239BS

Tgt Ion:284 Resp: 446001
Ion Ratio Lower Upper
284 100
142 21.7 29.5 44.3#
249 29.6 19.5 29.3#

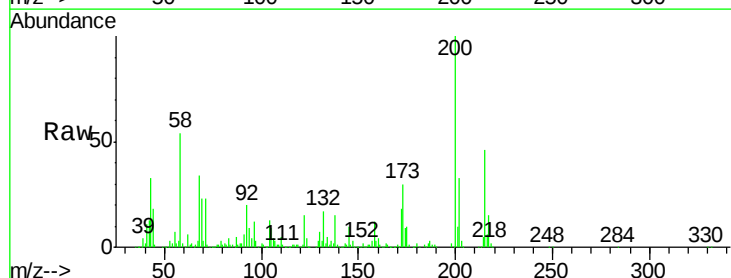


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

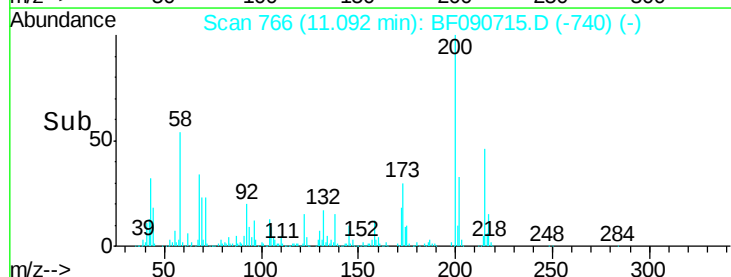
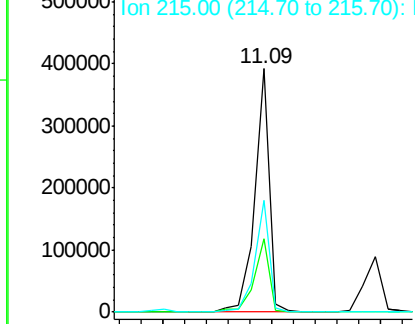


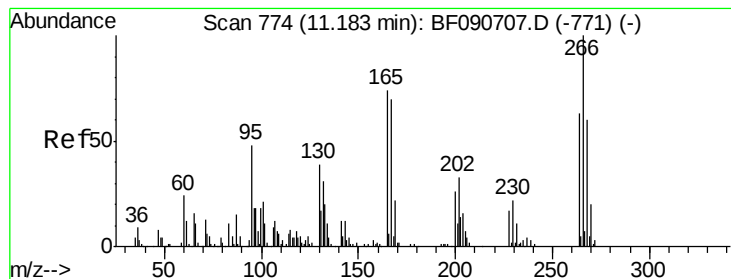
#68
Atrazine
Concen: 43.76 ng
RT: 11.09 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:200 Resp: 369805
Ion Ratio Lower Upper
200 100
173 30.1 13.2 53.2
215 45.7 41.8 81.8



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: 75.01 ng

RT: 11.19 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

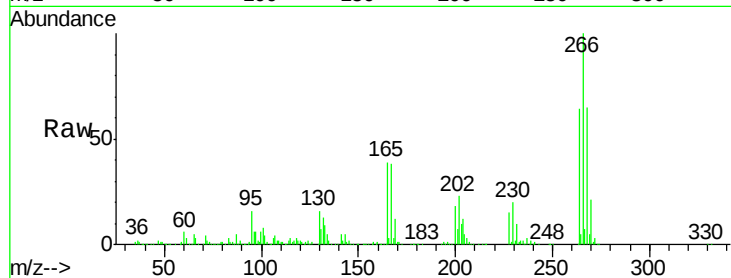
Tgt Ion:266 Resp: 505197

Ion Ratio Lower Upper

266 100

268 65.1 49.8 74.6

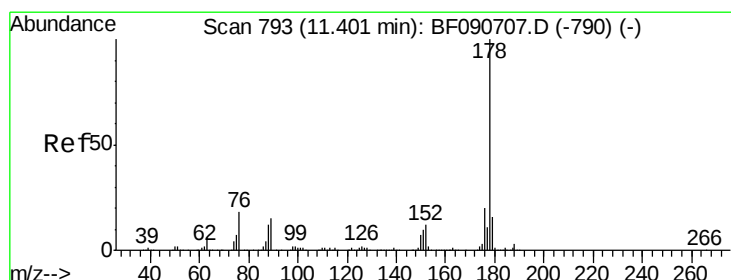
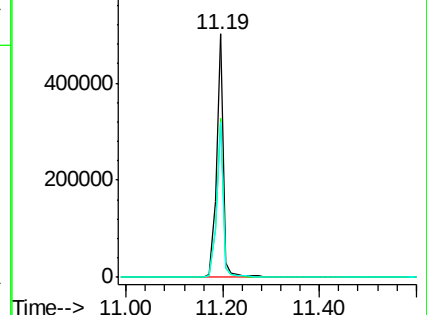
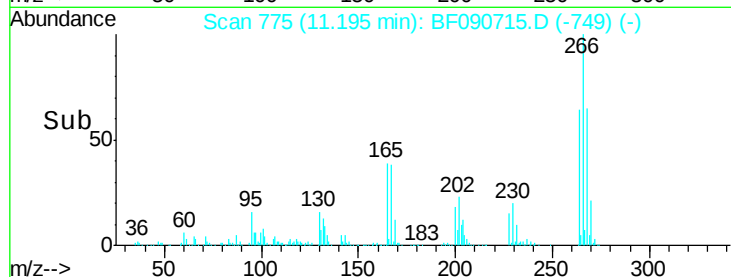
264 64.0 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.77 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.05 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

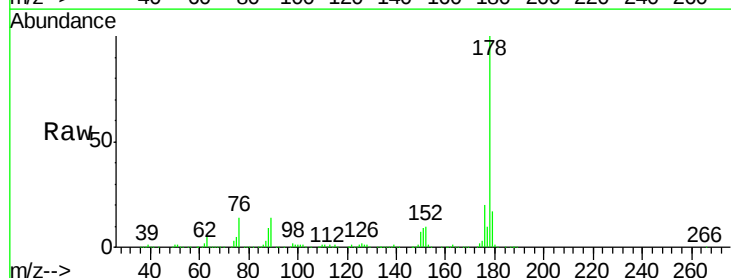
Tgt Ion:178 Resp: 1839719

Ion Ratio Lower Upper

178 100

176 20.1 13.8 20.8

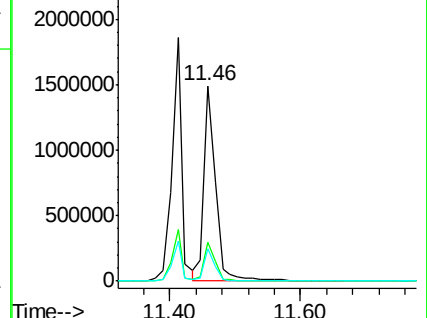
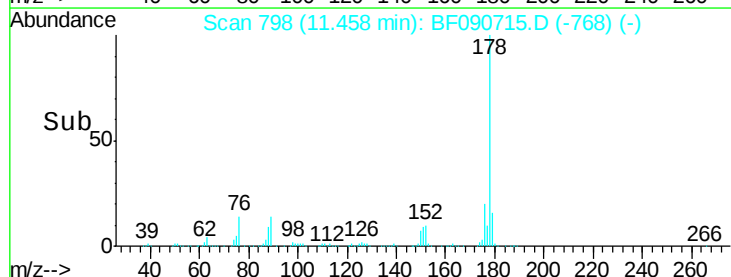
179 16.5 12.2 18.2

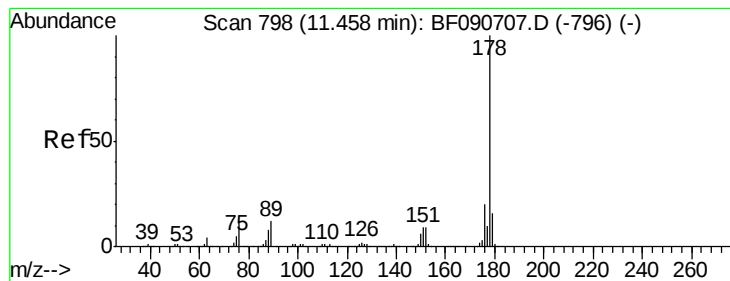


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.29 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

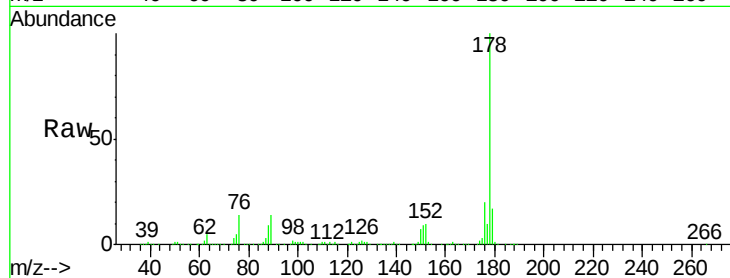
Tgt Ion:178 Resp: 1852356

Ion Ratio Lower Upper

178 100

176 20.1 14.1 21.1

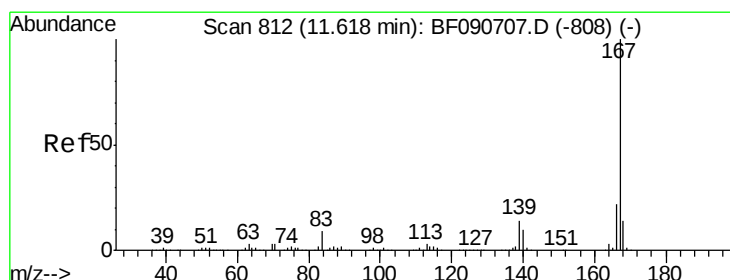
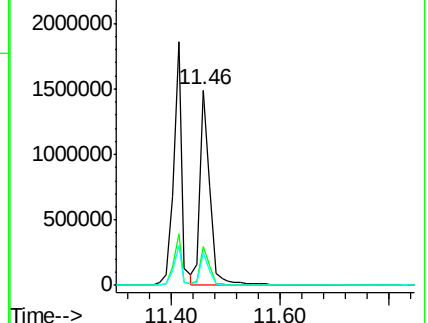
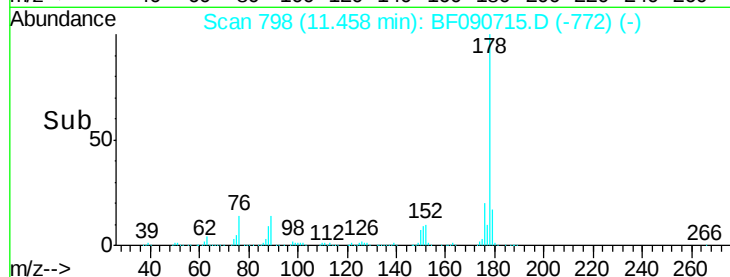
179 16.5 12.2 18.2



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: 38.52 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

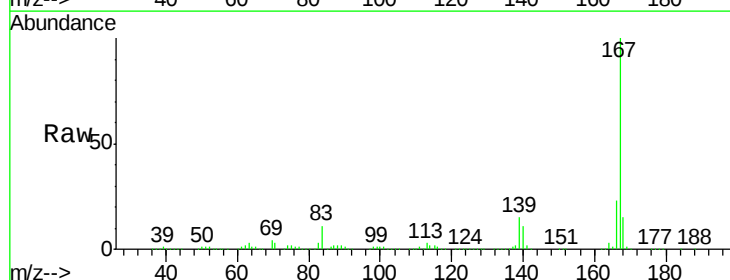
Tgt Ion:167 Resp: 1739890

Ion Ratio Lower Upper

167 100

166 22.8 15.7 23.5

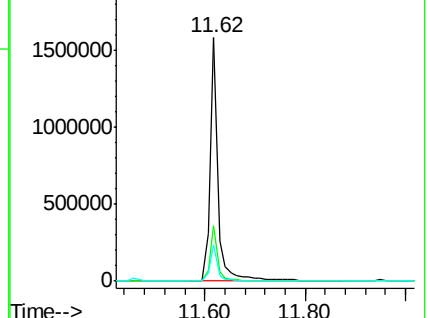
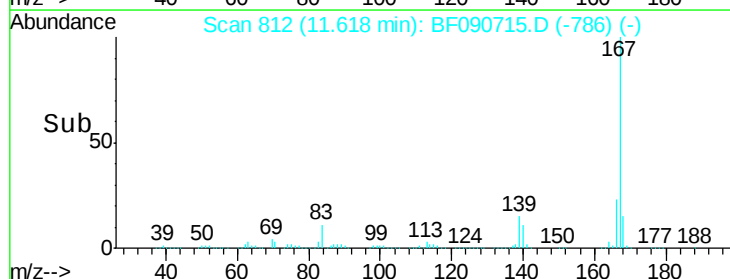
139 14.9 9.5 14.3#

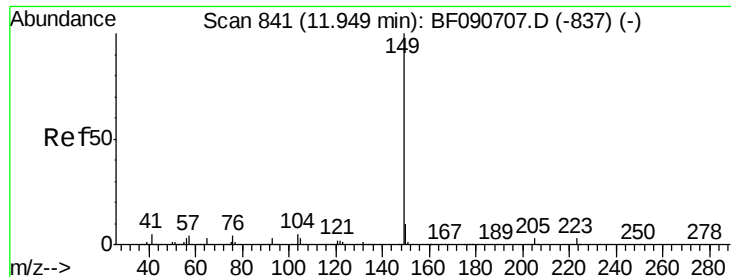


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.70 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

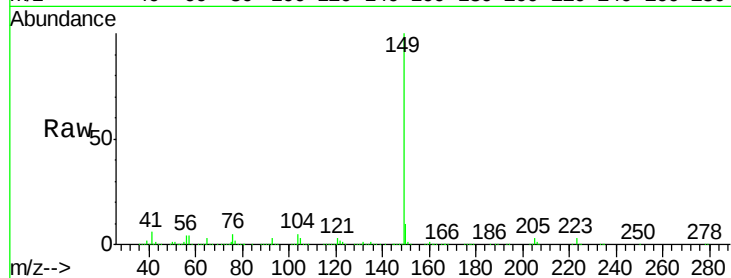
Tgt Ion:149 Resp: 2208987

Ion Ratio Lower Upper

149 100

150 10.4 7.4 11.2

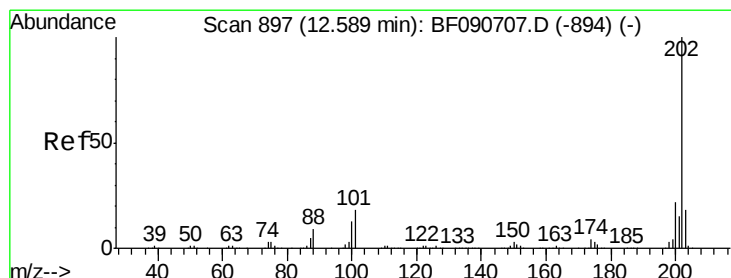
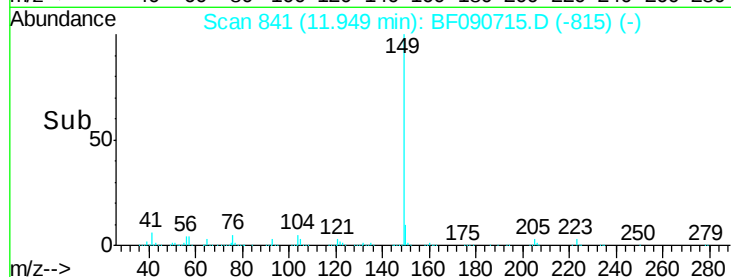
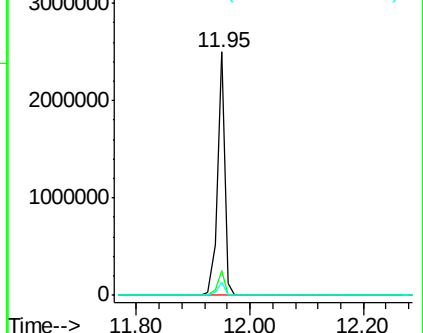
104 5.4 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.16 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

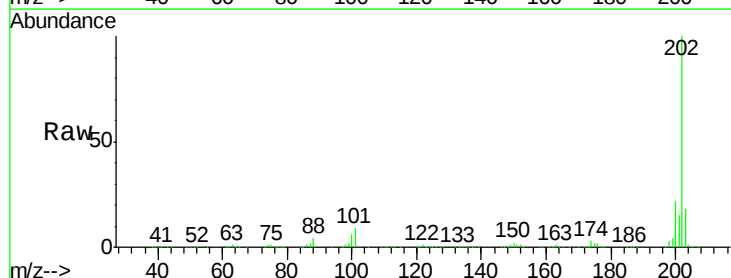
Tgt Ion:202 Resp: 1845517

Ion Ratio Lower Upper

202 100

101 8.7 0.0 38.3

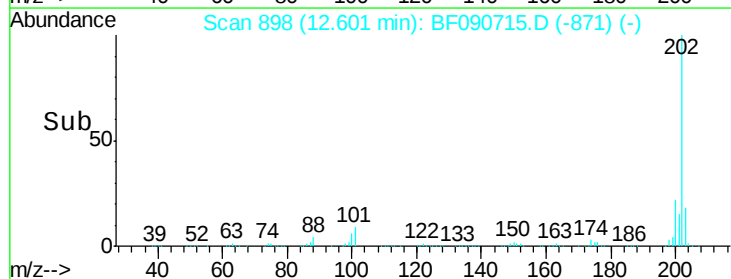
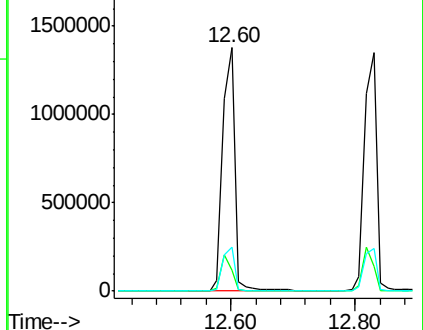
203 18.1 0.0 37.3

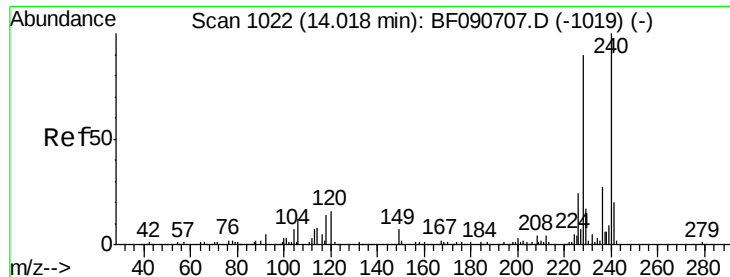


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

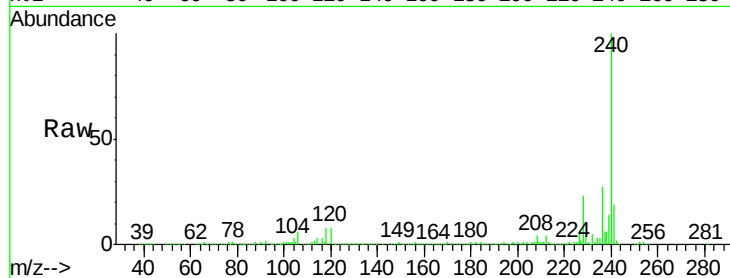
Tgt Ion:240 Resp: 702364

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

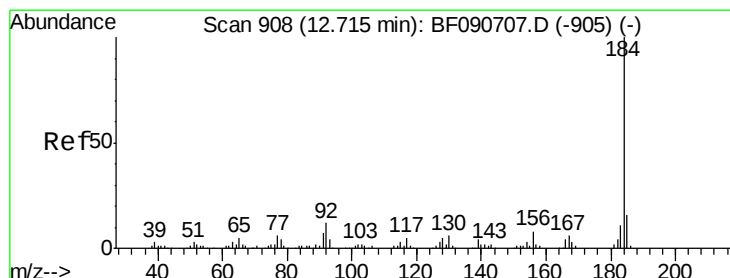
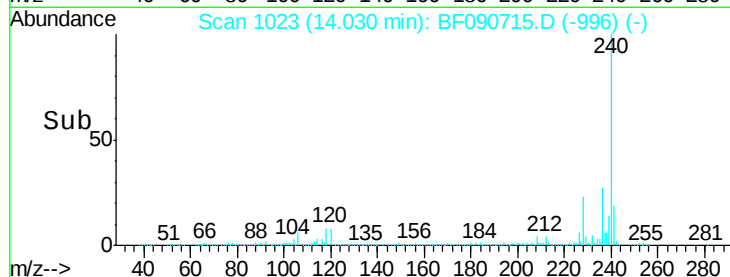
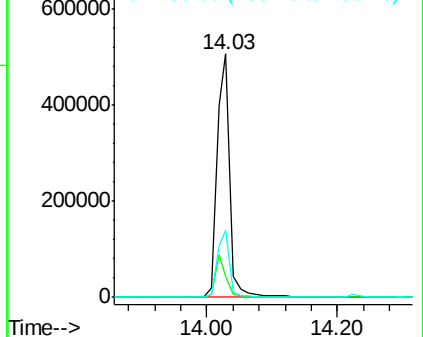
236 27.4 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.96 ng

RT: 12.72 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

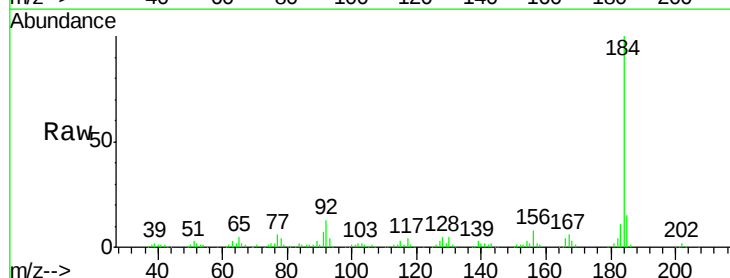
Tgt Ion:184 Resp: 560819

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

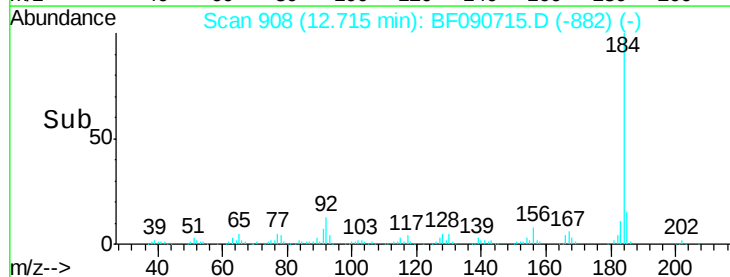
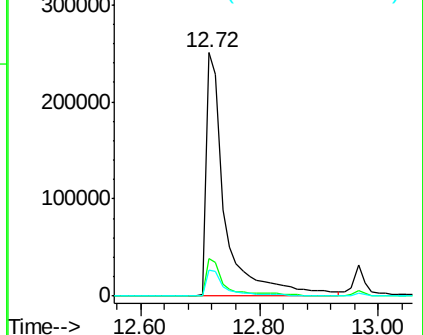
183 10.9 7.6 11.4

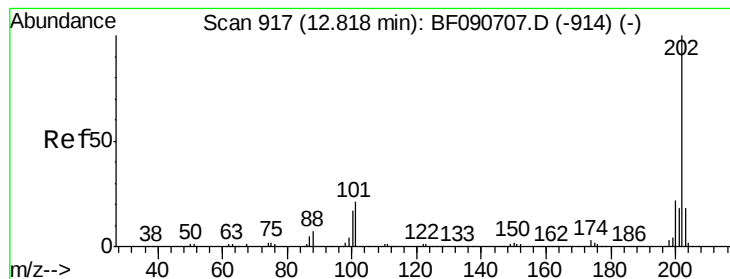


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.00 ng

RT: 12.83 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

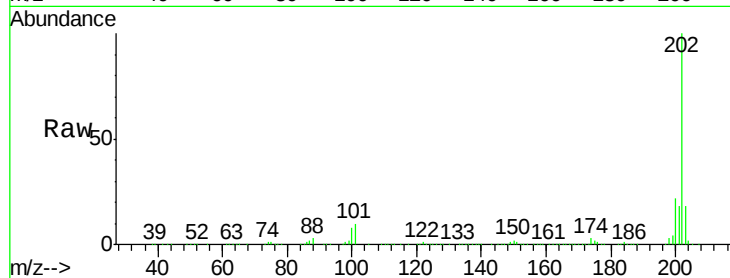
Tgt Ion:202 Resp: 1815118

Ion Ratio Lower Upper

202 100

200 22.4 15.0 22.4

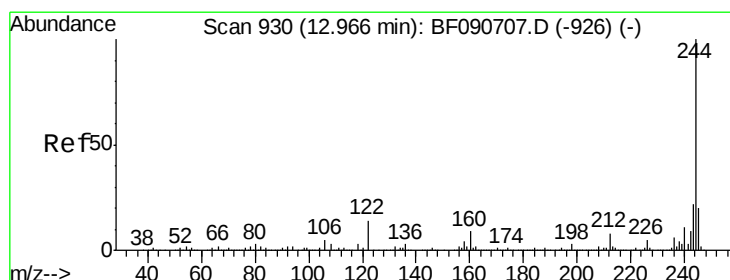
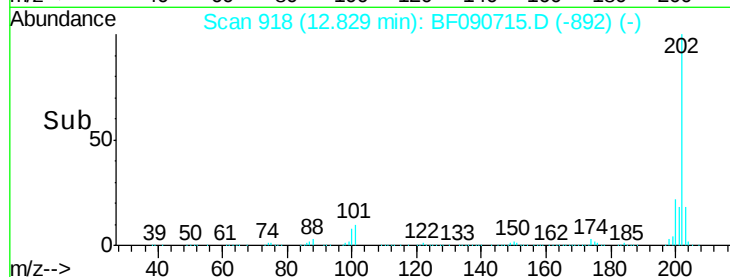
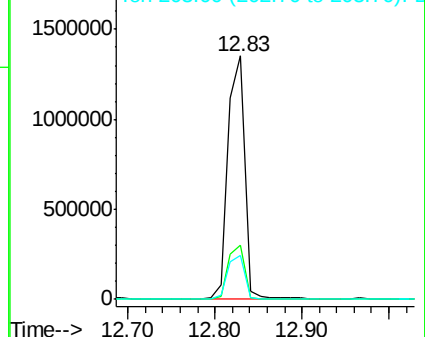
203 18.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.58 ng

RT: 12.97 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

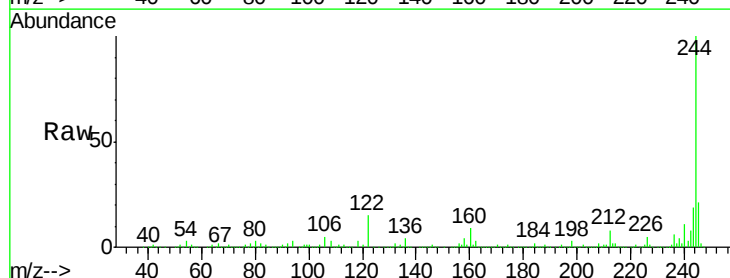
Tgt Ion:244 Resp: 2254891

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

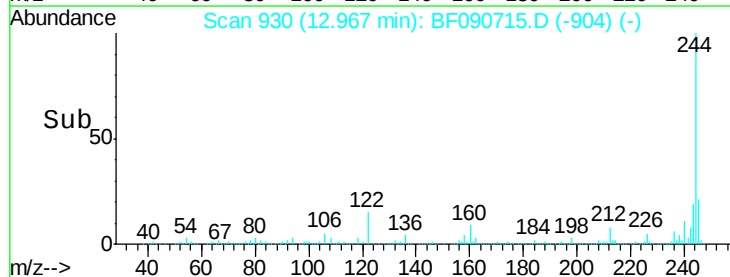
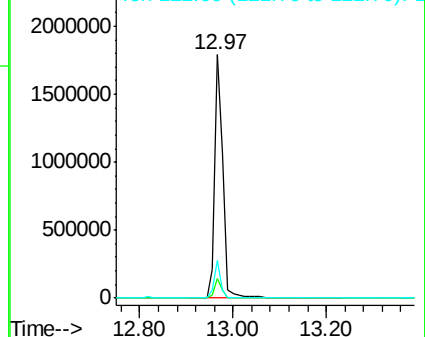
122 15.3 17.4 26.2#

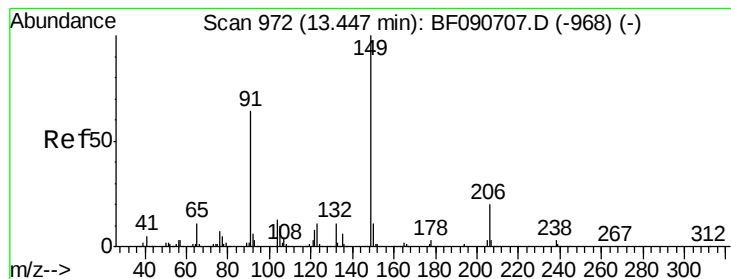


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.19 ng

RT: 13.45 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampled :

PB94239BS

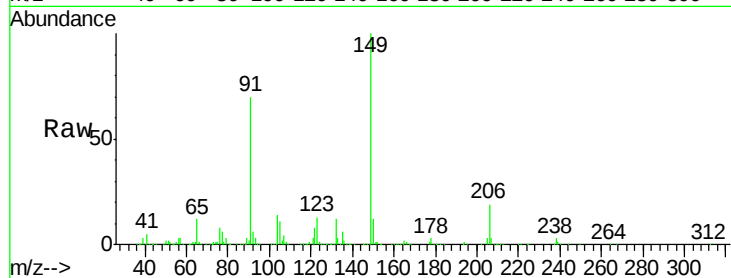
Tgt Ion:149 Resp: 973914

Ion Ratio Lower Upper

149 100

91 69.6 48.6 72.8

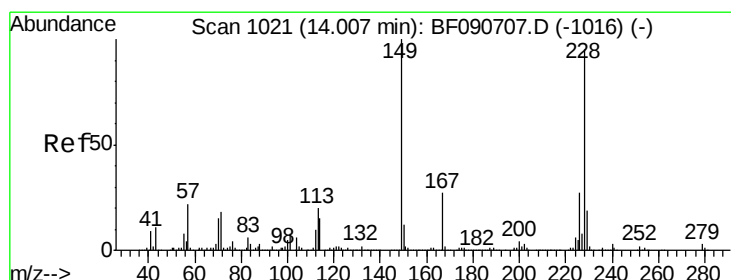
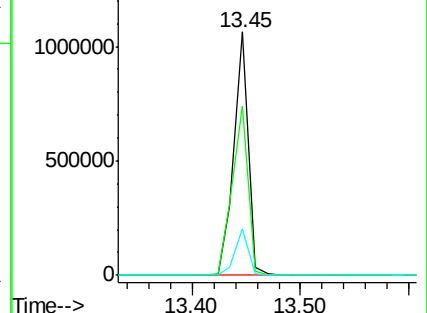
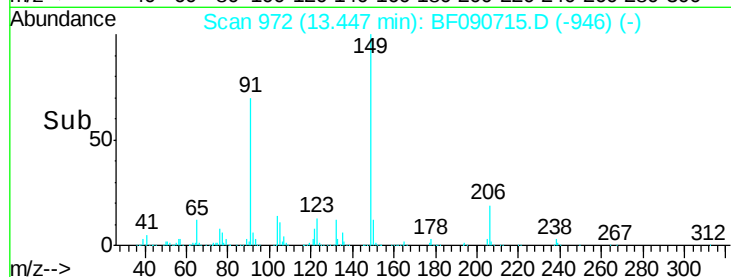
206 19.1 14.9 22.3



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: 39.10 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

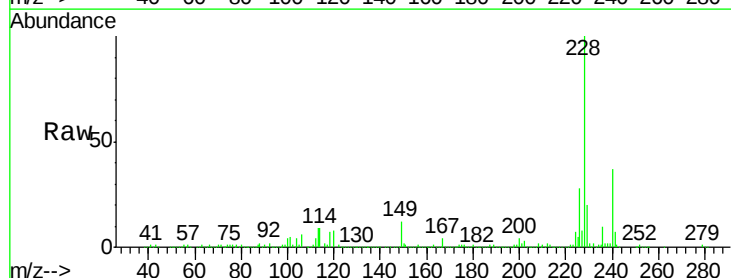
Tgt Ion:228 Resp: 1503047

Ion Ratio Lower Upper

228 100

226 28.3 20.0 30.0

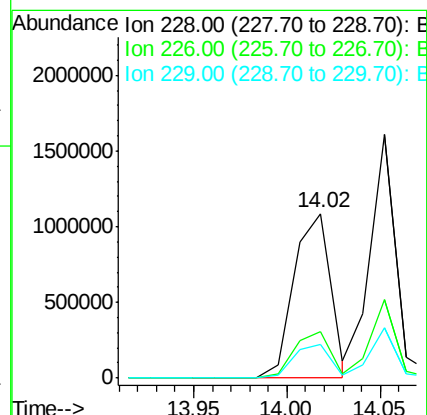
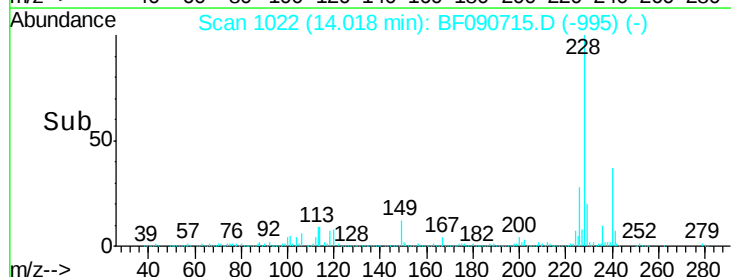
229 20.2 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

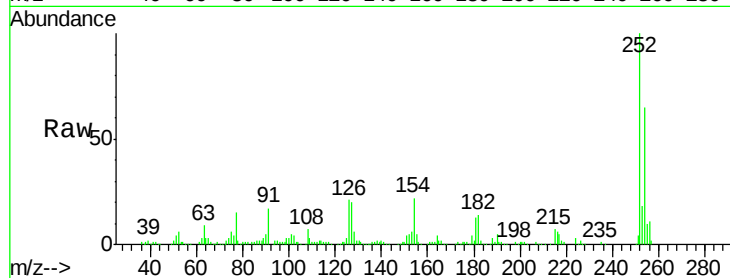




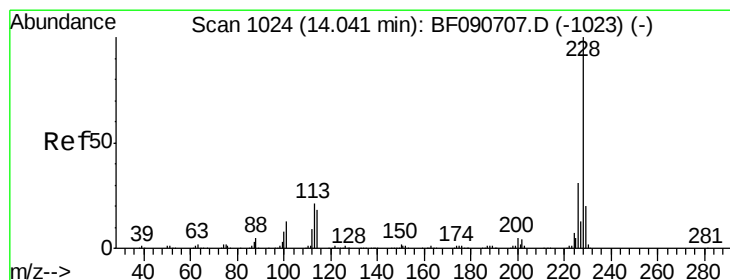
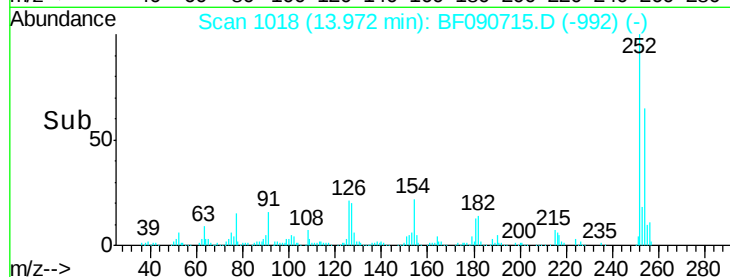
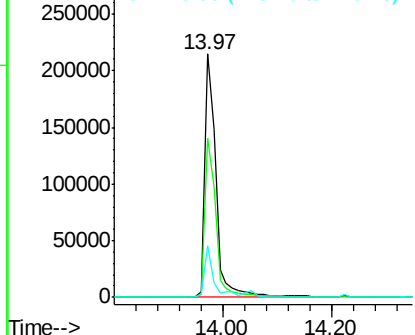
#81
 3,3'-Dichlorobenzidine
 Concen: 22.89 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 PB94239BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.4	77.2
126	21.0	16.4	24.6

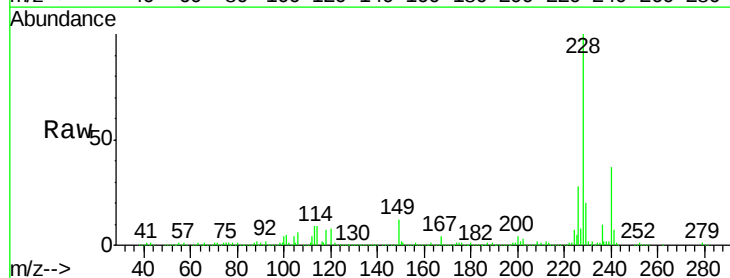


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

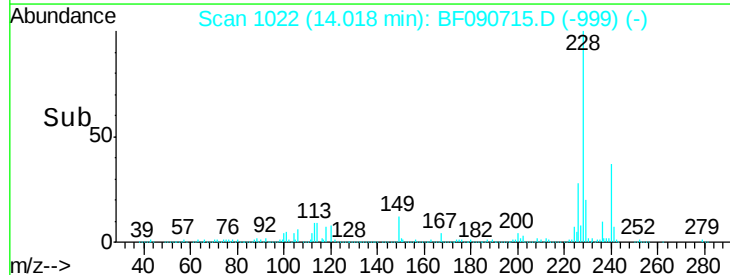
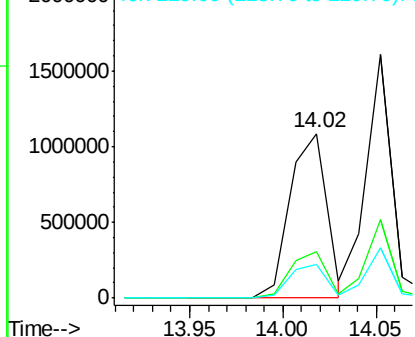


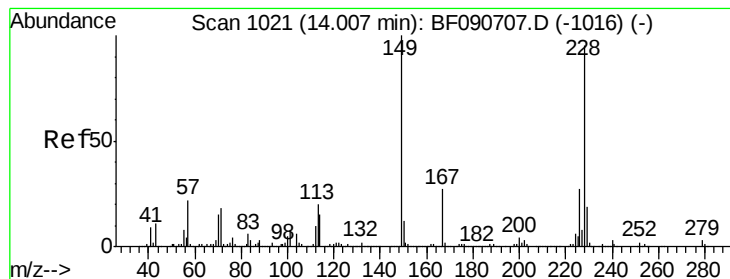
#82
 Chrysene
 Concen: 40.07 ng
 RT: 14.02 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF090715.D
 Acq: 21 Oct 2016 16:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.0	31.4
229	20.2	15.6	23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.66 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

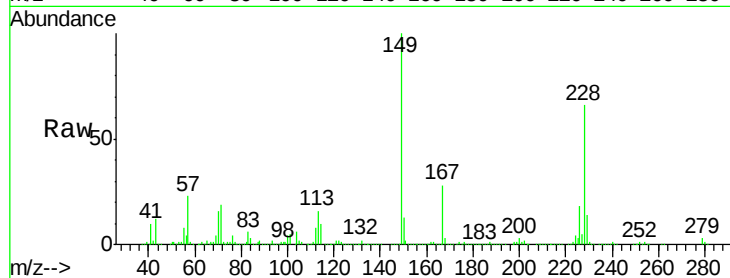
Tgt Ion:149 Resp: 1214869

Ion Ratio Lower Upper

149 100

167 27.9 24.2 36.2

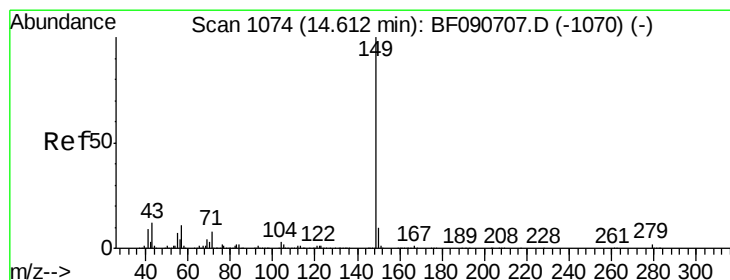
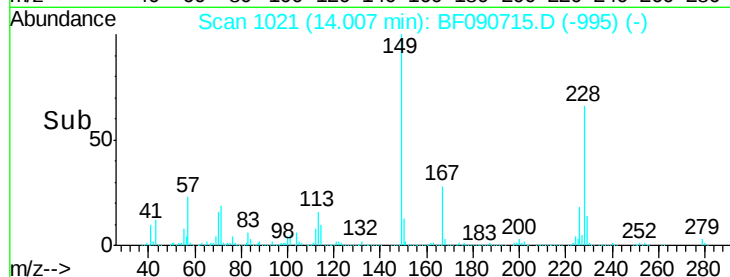
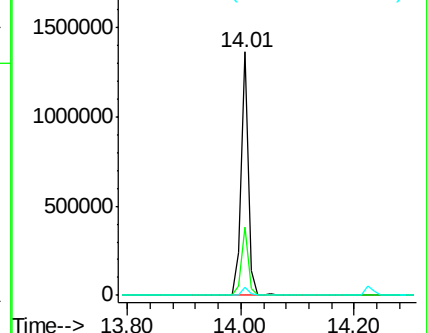
279 3.3 3.8 5.6#



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: 38.31 ng

RT: 14.61 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

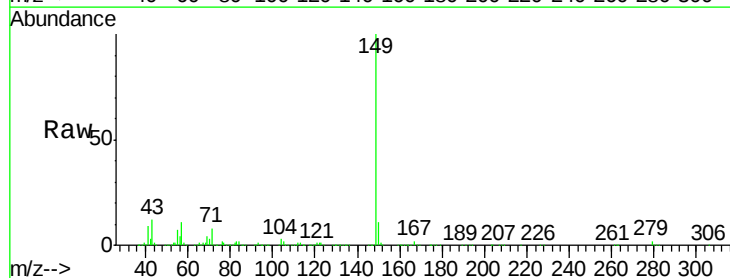
Tgt Ion:149 Resp: 1875714

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

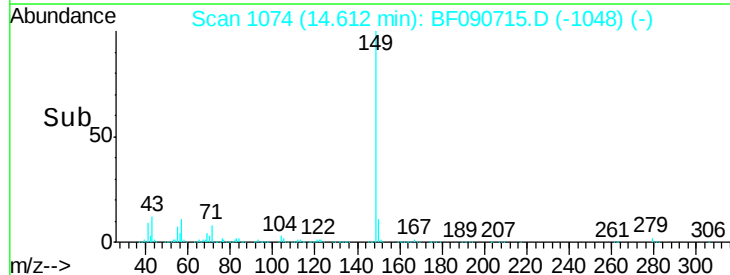
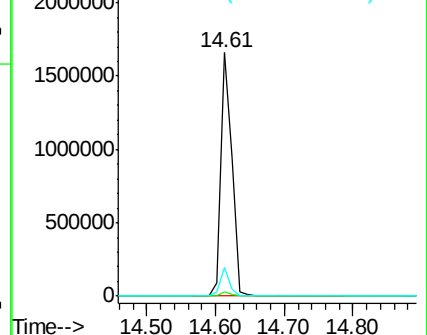
43 9.8 10.2 15.2#

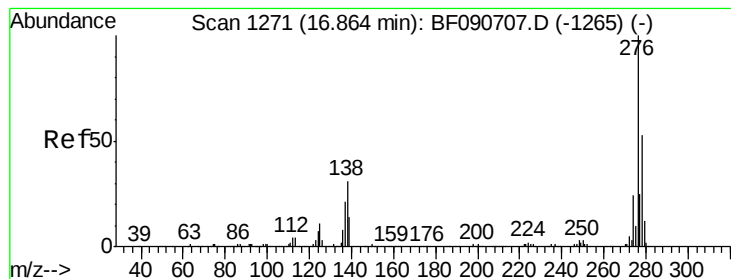


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.19 ng

RT: 16.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

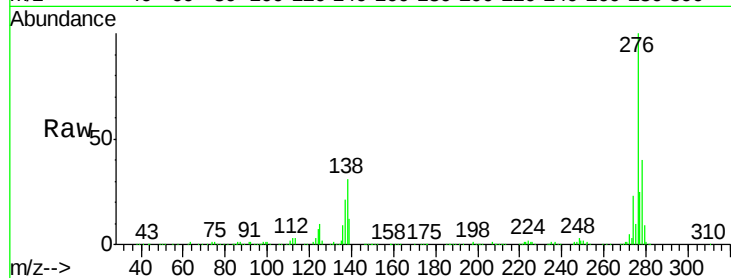
Tgt Ion:276 Resp: 922690

Ion Ratio Lower Upper

276 100

138 33.4 25.7 38.5

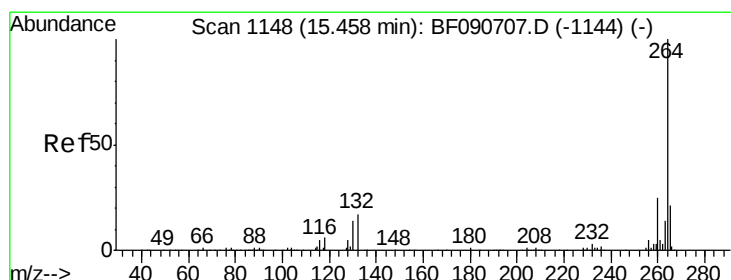
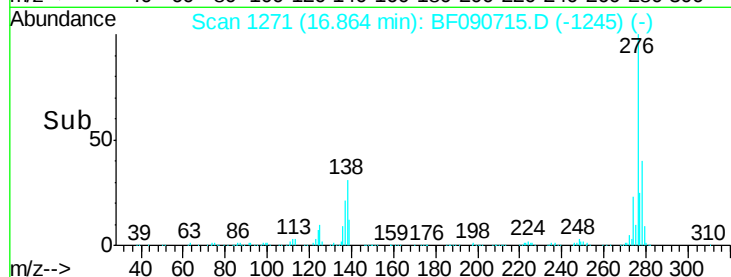
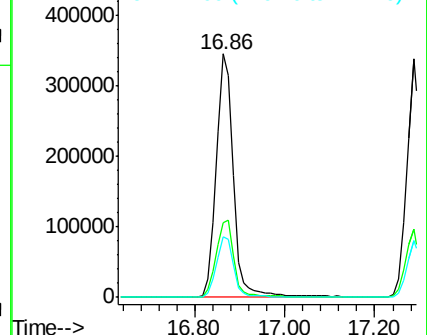
277 25.4 15.6 23.4#



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: 15.46 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

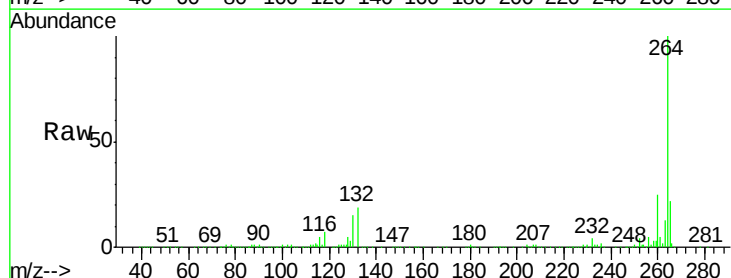
Tgt Ion:264 Resp: 466885

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

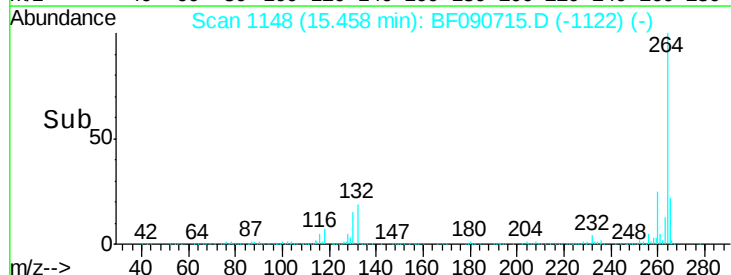
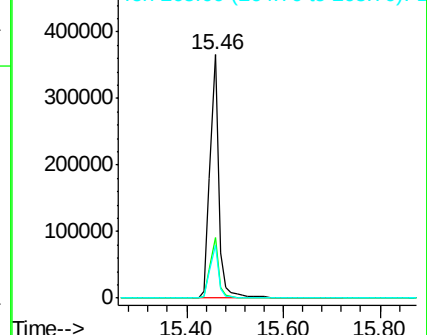
265 21.5 17.2 25.8

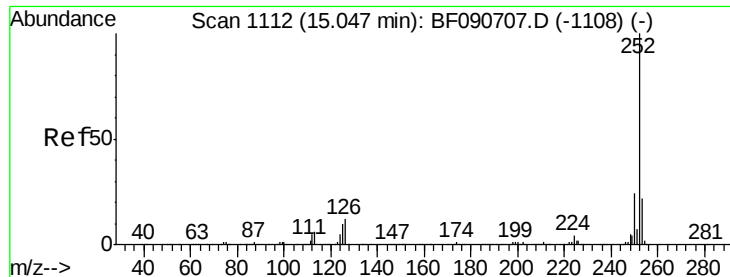


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

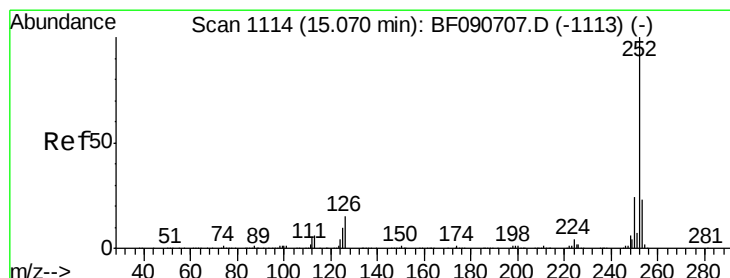
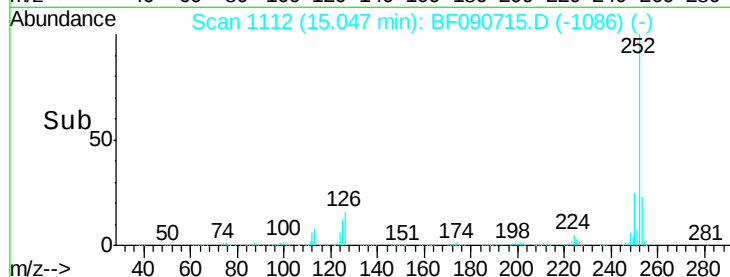
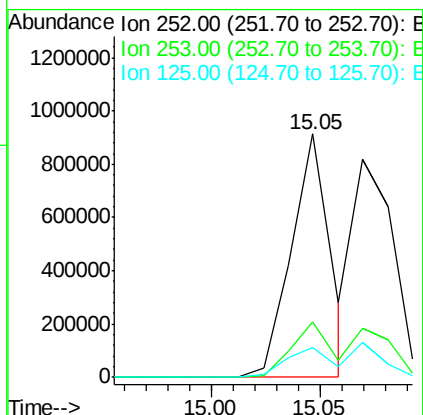
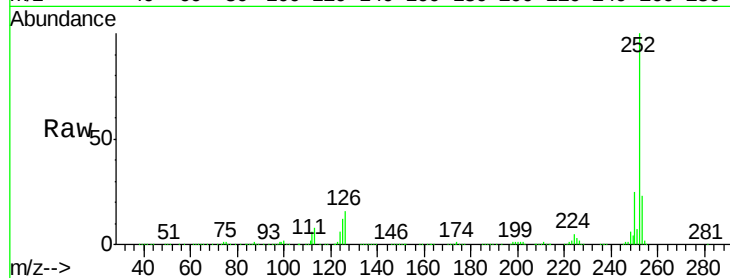




#87
Benzo(b)fluoranthene
Concen: 39.37 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

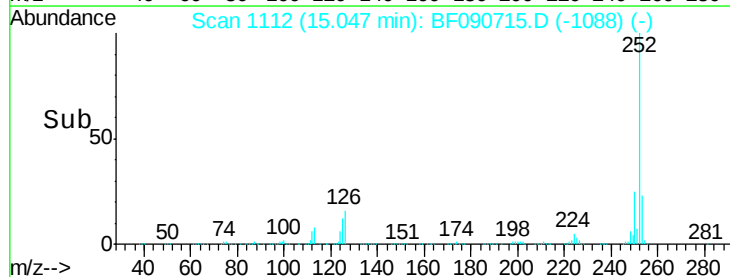
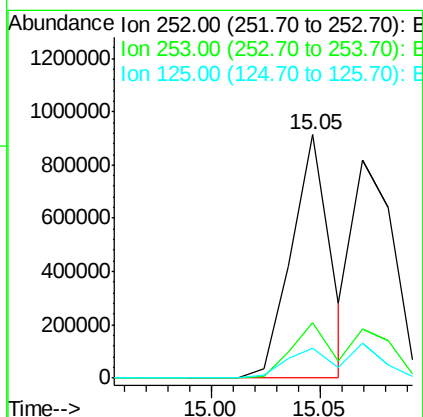
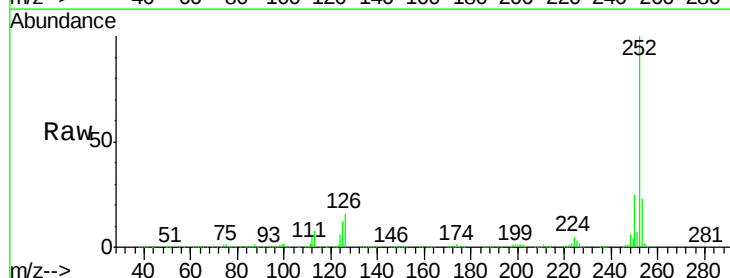
Instrument :
BNA_F
ClientSampleId :
PB94239BS

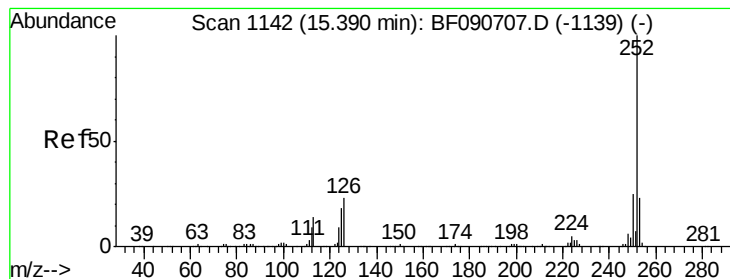
Tgt Ion:252 Resp: 1130313
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 12.0 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 39.18 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:252 Resp: 1130313
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.4
125 12.0 16.0 24.0#

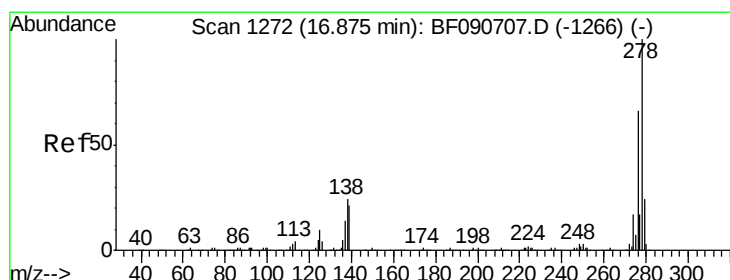
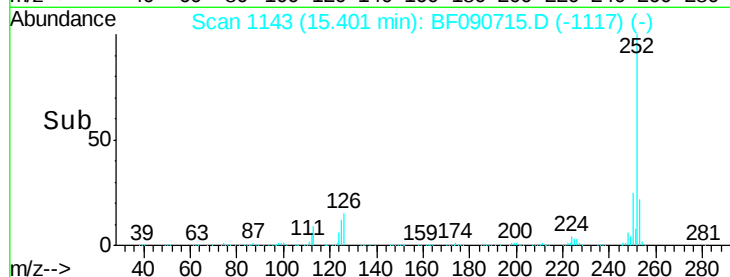
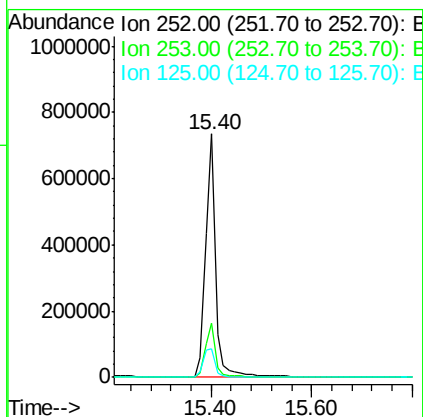
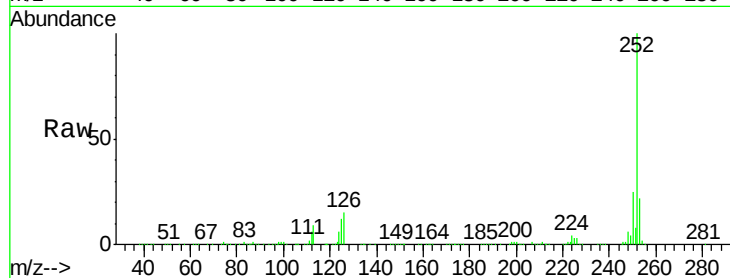




#89
Benzo(a)pyrene
Concen: 37.35 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

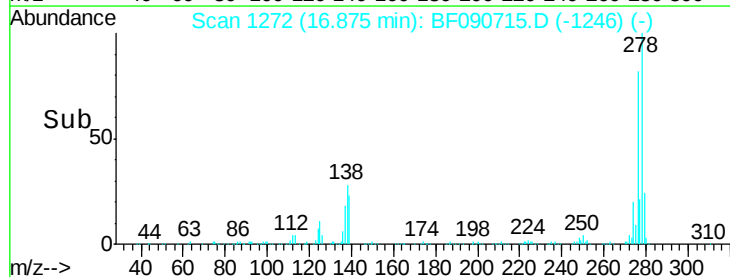
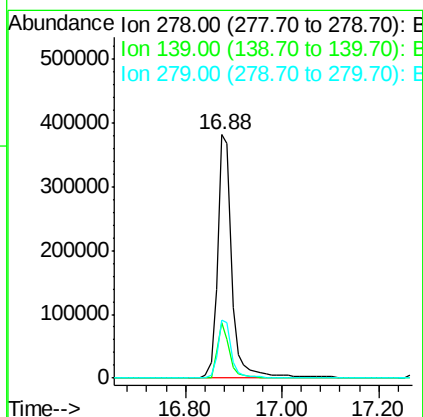
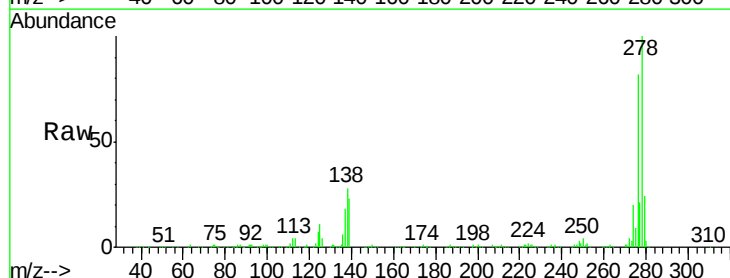
Instrument :
BNA_F
ClientSampleId :
PB94239BS

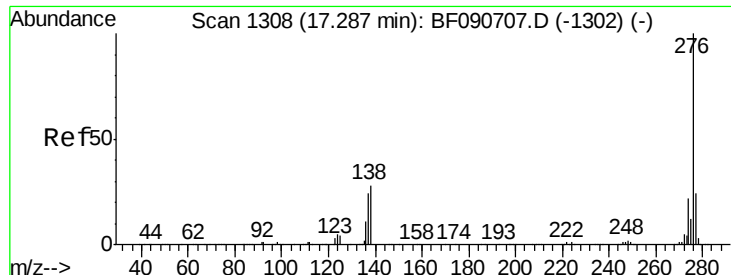
Tgt Ion:252 Resp: 1006121
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 30.87 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF090715.D
Acq: 21 Oct 2016 16:13

Tgt Ion:278 Resp: 798454
Ion Ratio Lower Upper
278 100
139 22.7 26.3 39.5#
279 24.1 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 29.09 ng

RT: 17.29 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF090715.D

Acq: 21 Oct 2016 16:13

Instrument :

BNA_F

ClientSampleId :

PB94239BS

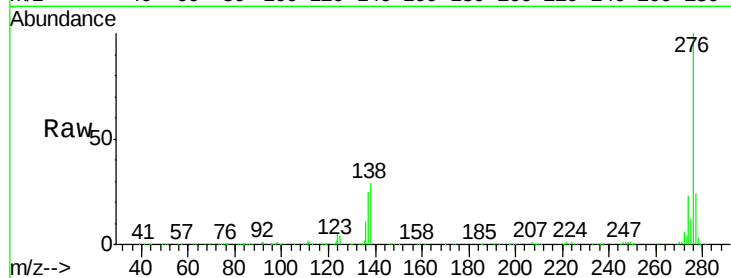
Tgt Ion: 276 Resp: 729612

Ion Ratio Lower Upper

276 100

277 23.7 17.8 26.6

138 28.7 34.6 51.8#



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

