

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101916\
 Data File : BF090665.D
 Acq On : 19 Oct 2016 23:18
 Operator : UM/SJ
 Sample : PB92148BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Quant Time: Oct 20 01:04:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 15:13:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	209171	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	903105	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	442145	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	659575	20.00	ng	0.00
75) Chrysene-d12	14.06	240	453752	20.00	ng	0.00
86) Perylene-d12	15.50	264	381370	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1031026	90.36	ng	0.01
7) Phenol-d6	6.53	99	1358445	80.13	ng	0.00
23) Nitrobenzene-d5	7.46	82	1316986	81.01	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	288156	73.10	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2016654	75.15	ng	-0.01
78) Terphenyl-d14	13.00	244	1639852	84.15	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	207827	31.96	ng	96
3) Pyridine	3.31	79	504702	34.63	ng	94
4) n-Nitrosodimethylamine	3.26	42	230810	44.80	ng	91
6) Aniline	6.55	93	446538	21.80	ng	96
8) 2-Chlorophenol	6.67	128	597595	40.39	ng	99
9) Benzaldehyde	6.43	77	147776	13.71	ng	92
10) Phenol	6.54	94	792629	40.88	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	642946	40.19	ng	99
12) 1,3-Dichlorobenzene	6.83	146	574297	38.92	ng	98
13) 1,4-Dichlorobenzene	6.91	146	586776	36.57	ng	99
14) 1,2-Dichlorobenzene	7.06	146	606009	40.40	ng	99
15) Benzyl Alcohol	7.03	79	532715	46.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	952643	42.31	ng	91
17) 2-Methylphenol	7.15	107	496828	43.09	ng	98
18) Hexachloroethane	7.40	117	238943	37.68	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	506728	43.59	ng	# 88
20) 3+4-Methylphenols	7.30	107	616037	44.07	ng	93
22) Acetophenone	7.30	105	815396	40.87	ng	# 93
24) Nitrobenzene	7.47	77	630658	37.80	ng	98
25) Isophorone	7.71	82	1259905	42.58	ng	100
26) 2-Nitrophenol	7.79	139	274861	36.31	ng	99
27) 2,4-Dimethylphenol	7.83	122	573452	45.65	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	771898	44.18	ng	99
29) 2,4-Dichlorophenol	8.04	162	438516	39.86	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	487309	37.82	ng	100
31) Naphthalene	8.20	128	1754691	38.14	ng	99
32) Benzoic acid	7.95	122	214585	27.81	ng	98
33) 4-Chloroaniline	8.25	127	254166	14.46	ng	98
34) Hexachlorobutadiene	8.31	225	270602	37.59	ng	100
35) Caprolactam	8.62	113	153317	49.93	ng	95
36) 4-Chloro-3-methylphenol	8.74	107	526329	41.46	ng	# 86
37) 2-Methylnaphthalene	8.89	142	1031200	38.17	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	511702	43.65	ng	99
40) Hexachlorocyclopentadiene	9.05	237	342084	59.73	ng	99

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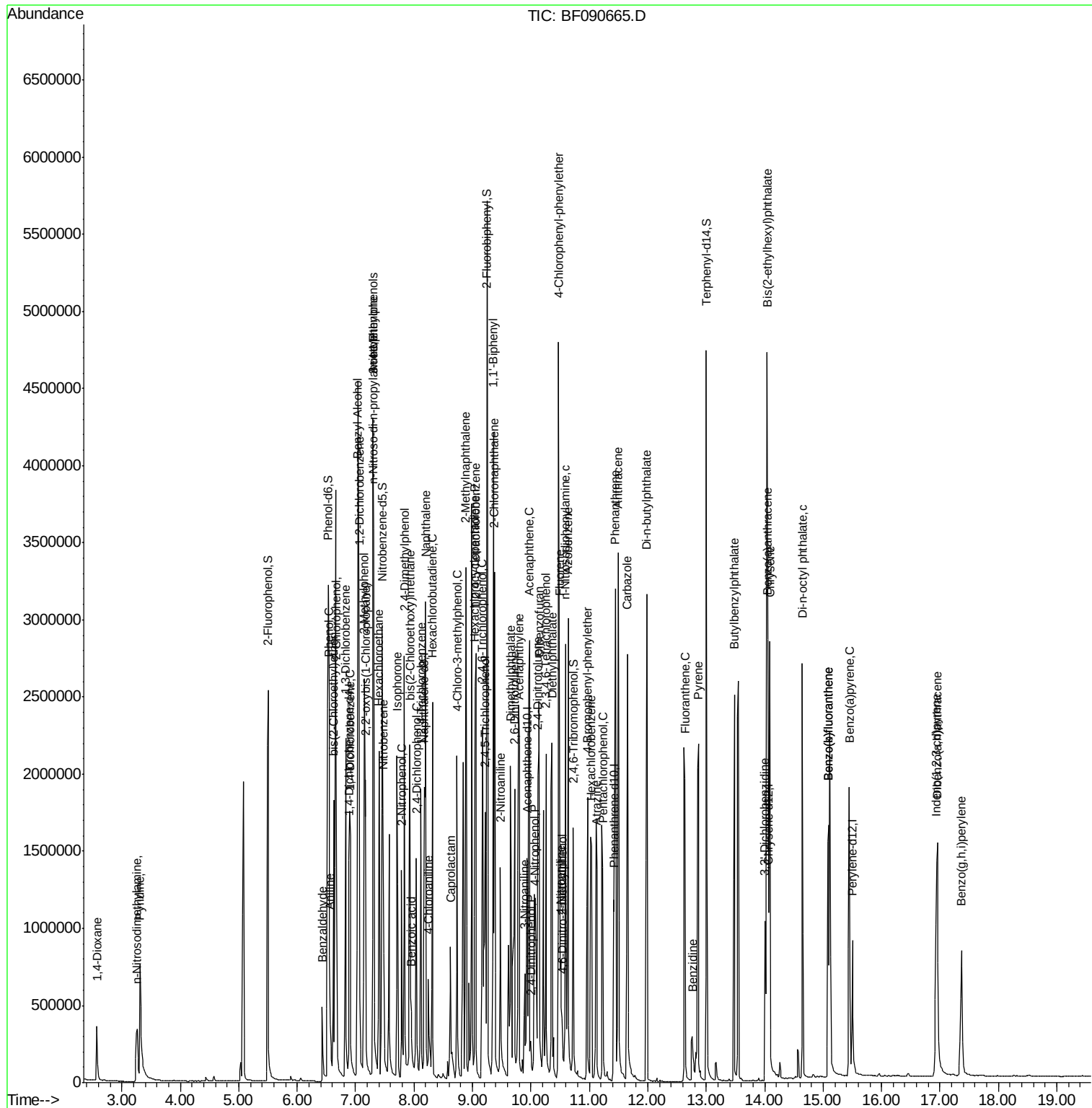
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	321424	48.61	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	318889	40.43	ng	# 85
45) 1,1'-Biphenyl	9.35	154	1326964	39.44	ng	100
46) 2-Chloronaphthalene	9.38	162	1003342	40.00	ng	100
47) 2-Nitroaniline	9.48	65	366200	40.26	ng	85
48) Acenaphthylene	9.80	152	1553233	38.88	ng	98
49) Dimethylphthalate	9.65	163	1146718	39.97	ng	100
50) 2,6-Dinitrotoluene	9.72	165	282313	44.97	ng	97
51) Acenaphthene	9.97	154	992408	37.38	ng	100
52) 3-Nitroaniline	9.89	138	199110	25.28	ng	89
53) 2,4-Dinitrophenol	9.99	184	47355	18.58	ng	90
54) Dibenzofuran	10.14	168	1399451	40.07	ng	98
55) 4-Nitrophenol	10.06	139	313631	66.16	ng	# 80
56) 2,4-Dinitrotoluene	10.12	165	332234	38.97	ng	91
57) Fluorene	10.49	166	1140745	39.59	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	250592	38.14	ng	99
59) Diethylphthalate	10.36	149	1268675	43.61	ng	# 94
60) 4-Chlorophenyl-phenylether	10.47	204	562341	41.41	ng	98
61) 4-Nitroaniline	10.51	138	258522	32.73	ng	93
62) Azobenzene	10.63	77	1422473	42.27	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	41973	10.51	ng	96
65) n-Nitrosodiphenylamine	10.59	169	898855	41.26	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	307404	43.43	ng	97
67) Hexachlorobenzene	11.03	284	329571	42.89	ng	# 63
68) Atrazine	11.13	200	292964	48.62	ng	91
69) Pentachlorophenol	11.23	266	269335	70.72	ng	98
70) Phenanthrene	11.45	178	1481943	42.09	ng	100
71) Anthracene	11.49	178	1467639	38.73	ng	99
72) Carbazole	11.65	167	1368326	40.34	ng	100
73) Di-n-butylphthalate	11.98	149	1844680	46.42	ng	99
74) Fluoranthene	12.63	202	1304724	36.84	ng	97
76) Benzidine	12.76	184	282142	24.99	ng	96
77) Pyrene	12.86	202	1289916	42.92	ng	99
79) Butylbenzylphthalate	13.48	149	692511	52.01	ng	97
80) Benzo(a)anthracene	14.05	228	1056821	40.91	ng	98
81) 3,3'-Dichlorobenzidine	14.01	252	289398	32.79	ng	# 95
82) Chrysene	14.09	228	1104168	44.36	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	945443	52.63	ng	100
84) Di-n-octyl phthalate	14.65	149	1339700	55.62	ng	96
85) Indeno(1,2,3-cd)pyrene	16.94	276	916936	63.72	ng	99
87) Benzo(b)fluoranthene	15.09	252	1046820	41.95	ng	# 94
88) Benzo(k)fluoranthene	15.09	252	1046820	38.99	ng	# 97
89) Benzo(a)pyrene	15.45	252	927383	40.59	ng	99
90) Dibenzo(a,h)anthracene	16.96	278	786620	45.15	ng	99
91) Benzo(g,h,i)perylene	17.37	276	679690	40.91	ng	97

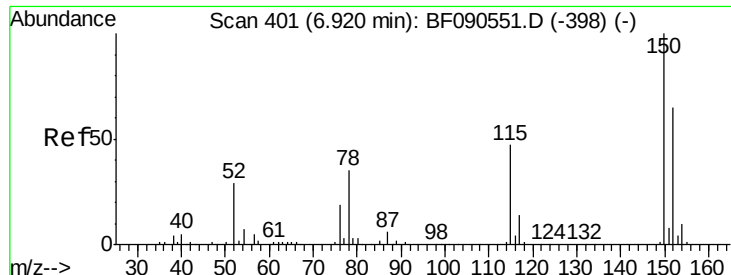
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

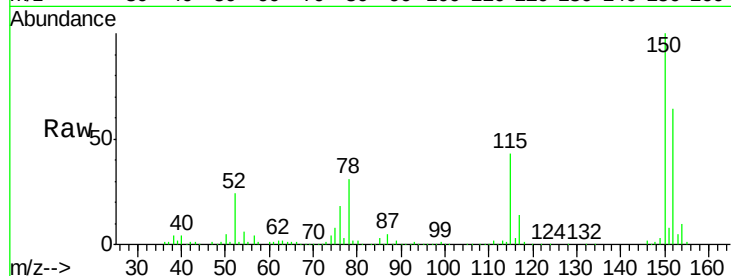
Tgt Ion:152 Resp: 209171

Ion Ratio Lower Upper

152 100

150 155.8 127.2 190.8

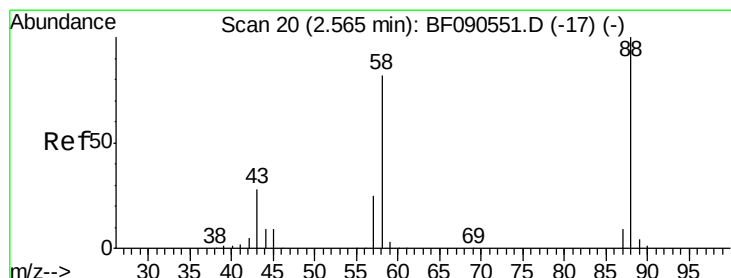
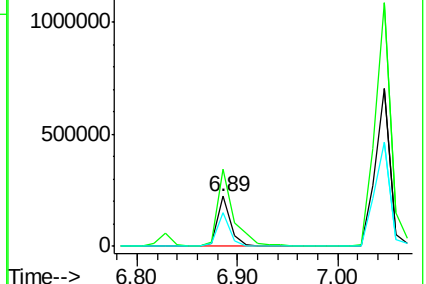
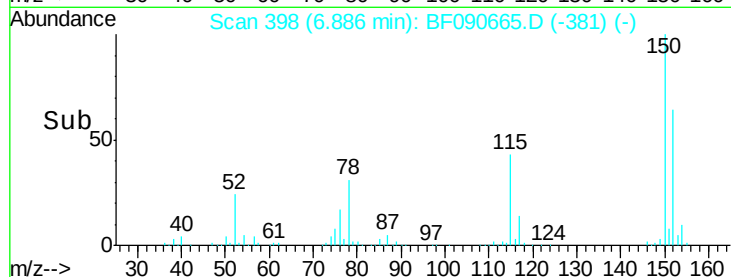
115 66.5 58.6 88.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.96 ng

RT: 2.58 min Scan# 21

Delta R.T. 0.06 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

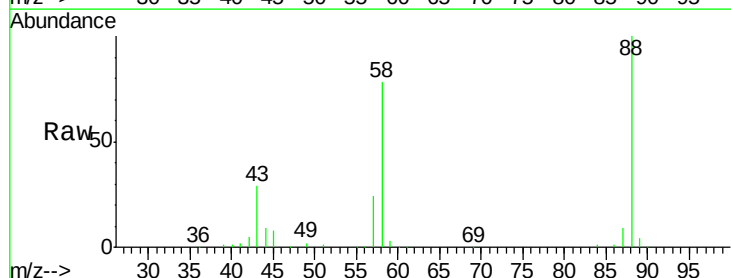
Tgt Ion: 88 Resp: 207827

Ion Ratio Lower Upper

88 100

58 80.2 67.2 100.8

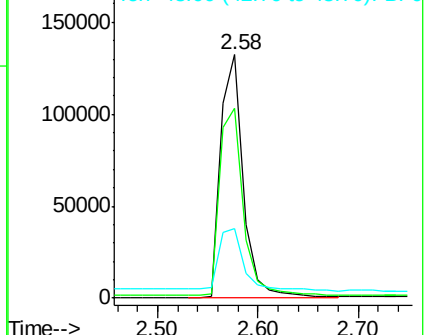
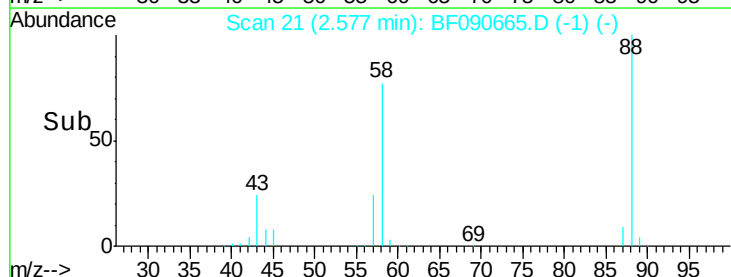
43 29.0 24.1 36.1

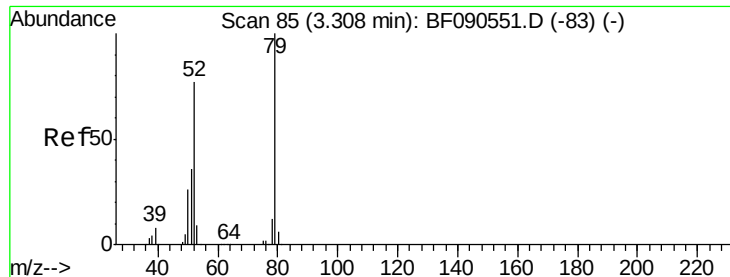


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.63 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

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ClientSampleId :

PB94148BS

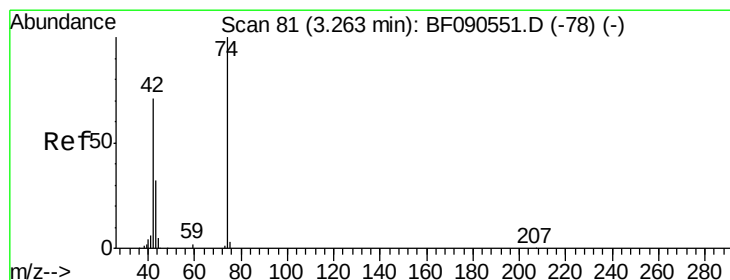
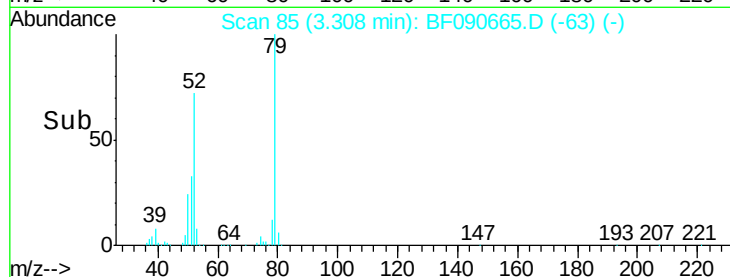
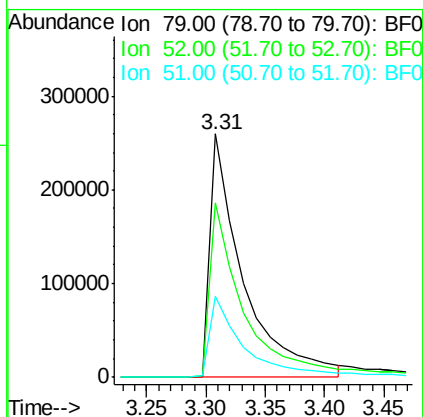
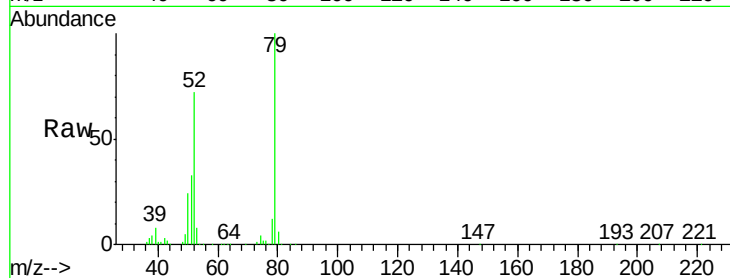
Tgt Ion: 79 Resp: 504702

Ion Ratio Lower Upper

79 100

52 71.8 61.8 92.8

51 33.2 29.2 43.8



#4

n-Nitrosodimethylamine

Concen: 44.80 ng

RT: 3.26 min Scan# 81

Delta R.T. 0.05 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

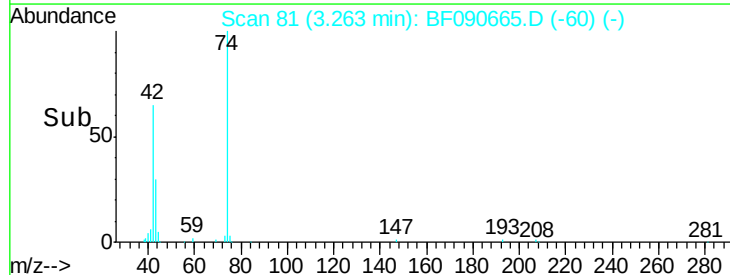
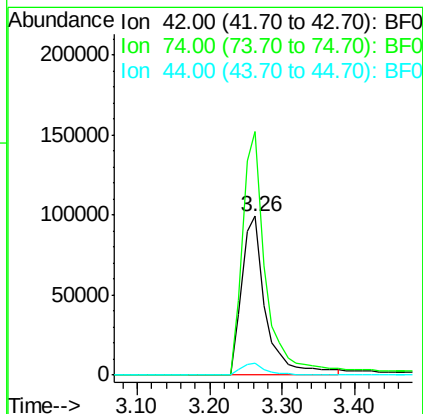
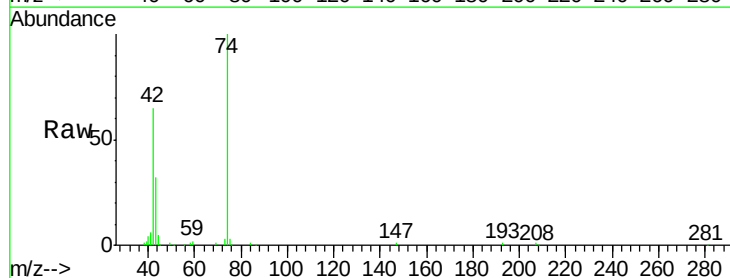
Tgt Ion: 42 Resp: 230810

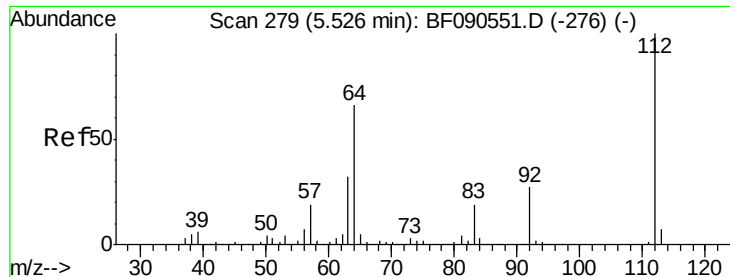
Ion Ratio Lower Upper

42 100

74 153.3 113.3 169.9

44 7.6 6.0 9.0





#5

2-Fluorophenol

Concen: 90.36 ng

RT: 5.50 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

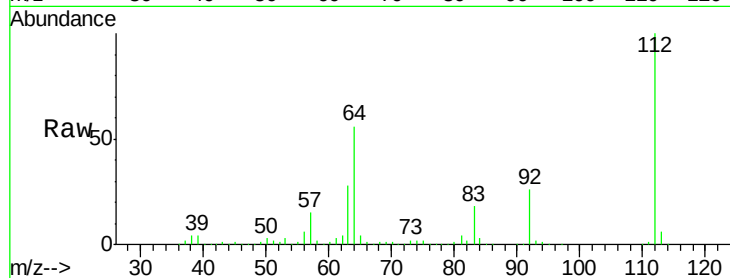
Tgt Ion: 112 Resp: 1031026

Ion Ratio Lower Upper

112 100

64 55.6 52.6 78.8

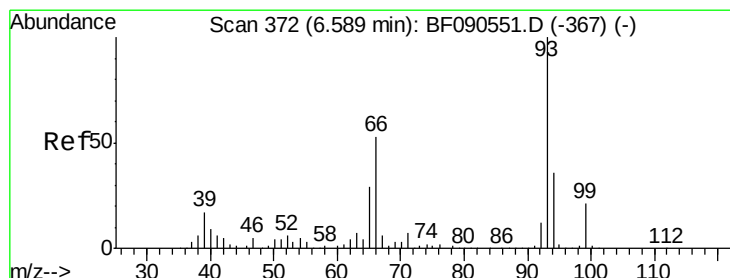
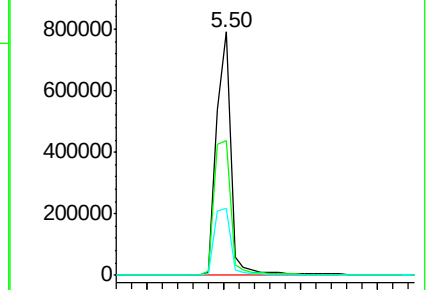
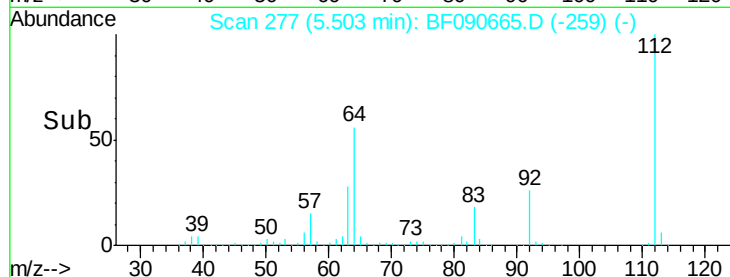
63 27.6 26.0 39.0



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.80 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

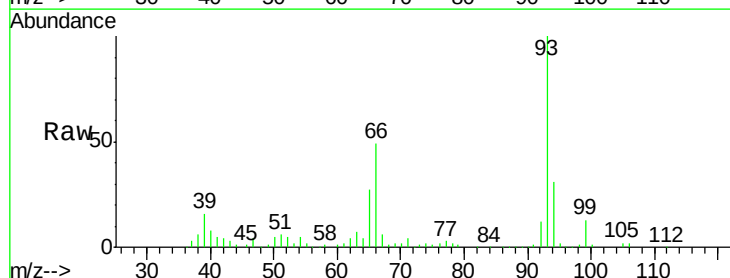
Tgt Ion: 93 Resp: 446538

Ion Ratio Lower Upper

93 100

66 49.3 42.2 63.2

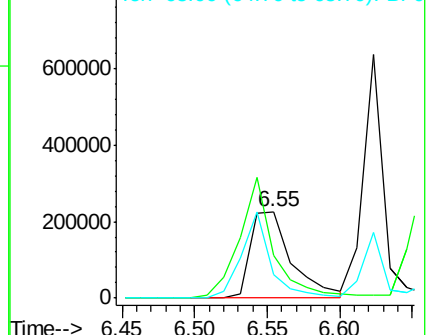
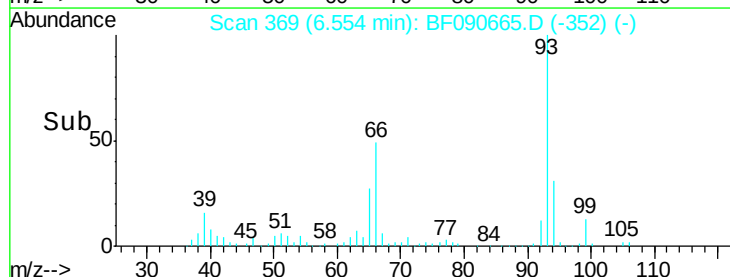
65 27.1 22.9 34.3

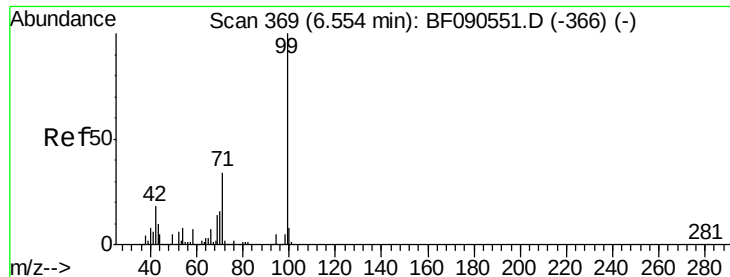


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.13 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF090665.D

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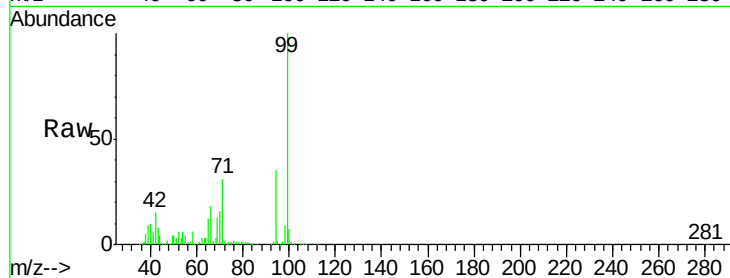
Tgt Ion: 99 Resp: 1358445

Ion Ratio Lower Upper

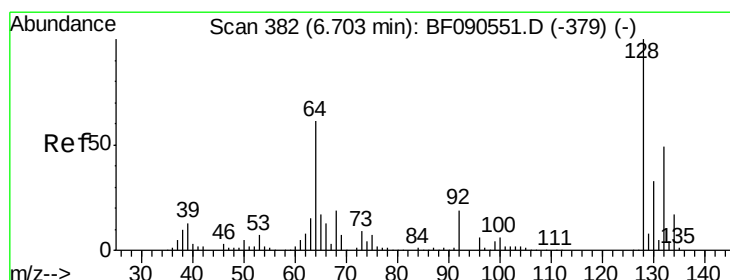
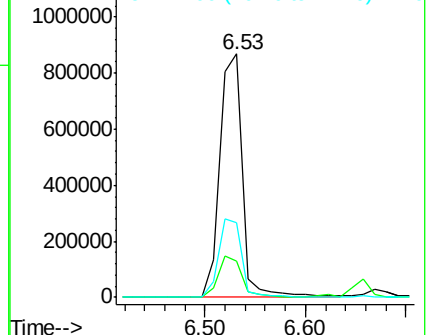
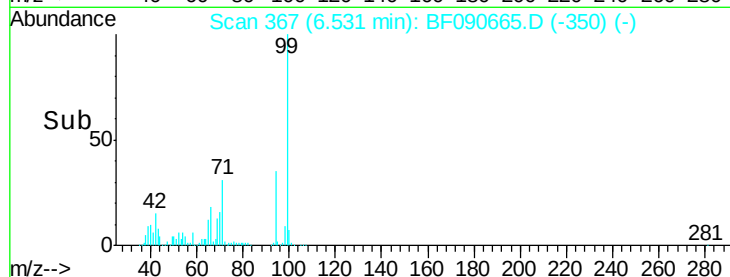
99 100

42 14.8 14.7 22.1

71 30.9 27.6 41.4



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.39 ng

RT: 6.67 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

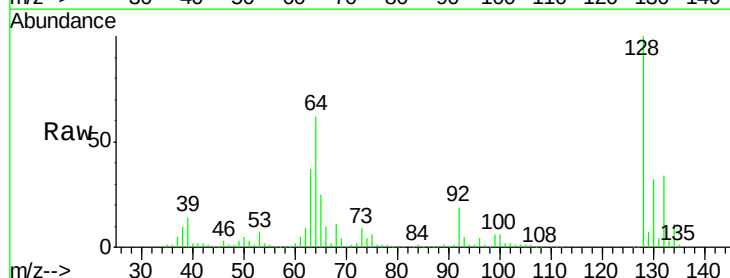
Tgt Ion: 128 Resp: 597595

Ion Ratio Lower Upper

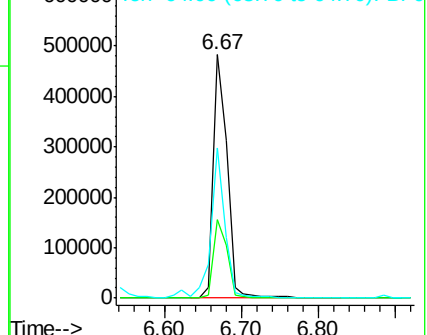
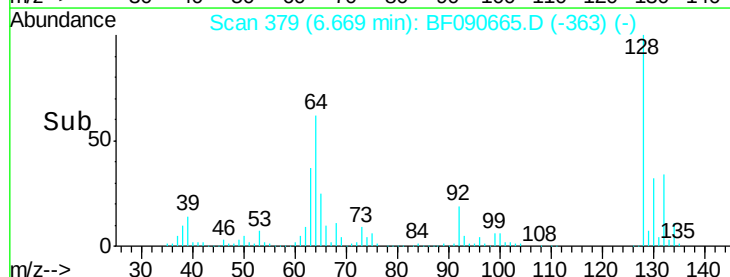
128 100

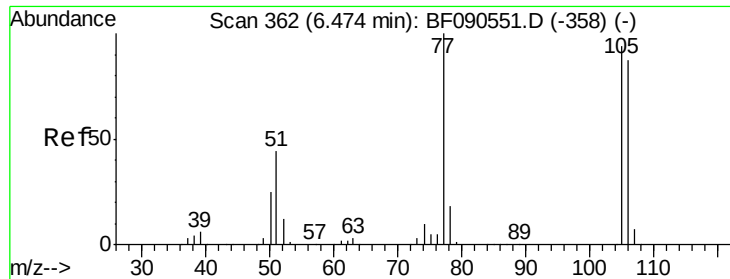
130 32.2 12.6 52.6

64 61.8 42.6 82.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.71 ng

RT: 6.43 min Scan# 358

Delta R.T. -0.01 min

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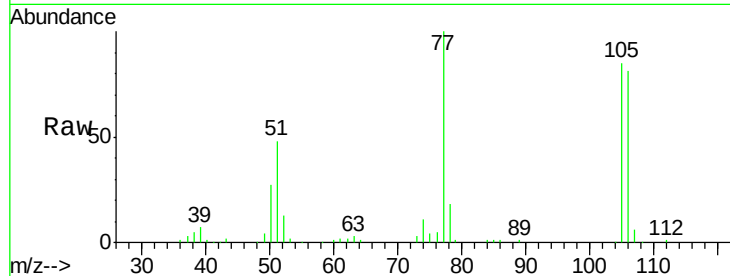
Tgt Ion: 77 Resp: 147776

Ion Ratio Lower Upper

77 100

105 85.3 74.3 114.3

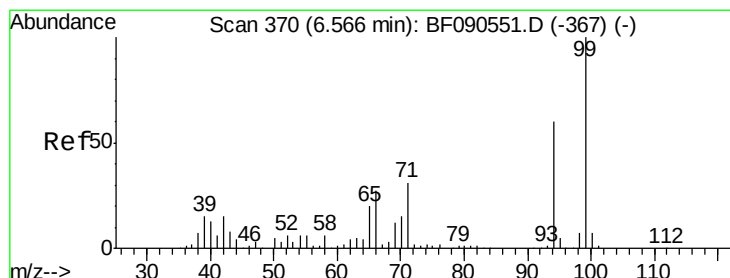
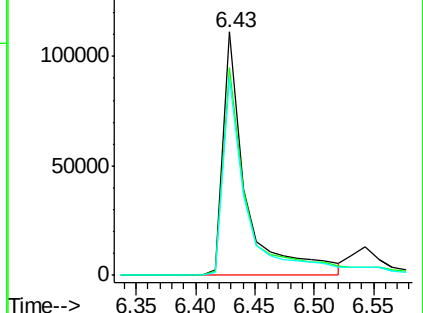
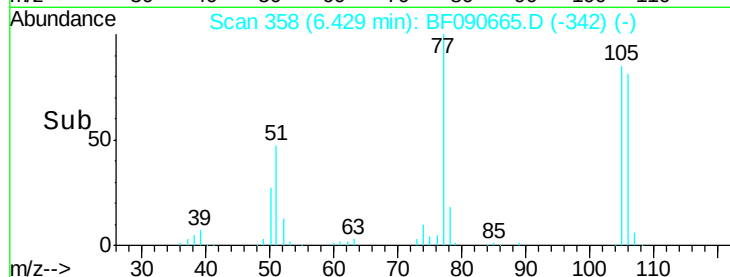
106 81.0 67.2 107.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.88 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

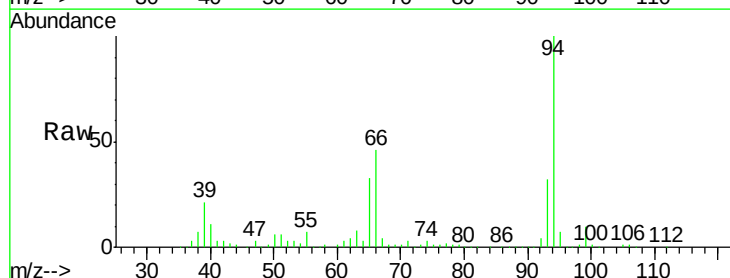
Tgt Ion: 94 Resp: 792629

Ion Ratio Lower Upper

94 100

65 32.8 12.5 52.5

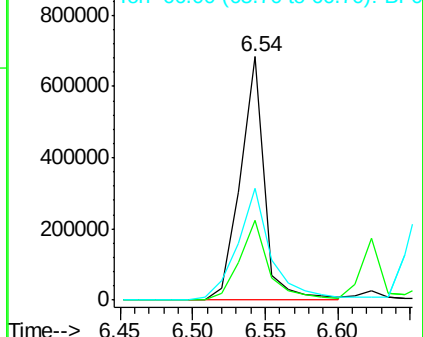
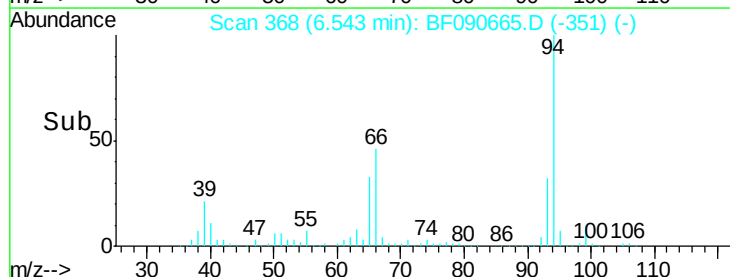
66 46.1 25.5 65.5

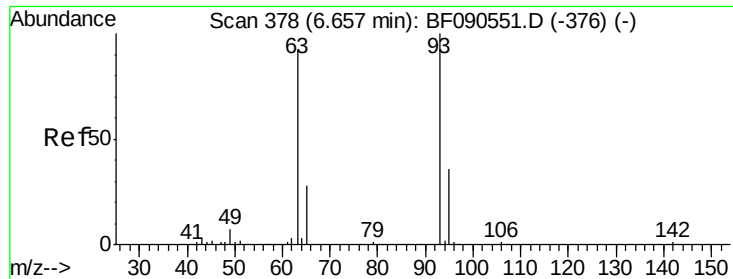


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

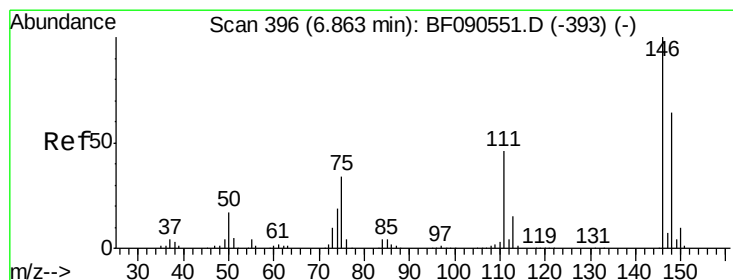
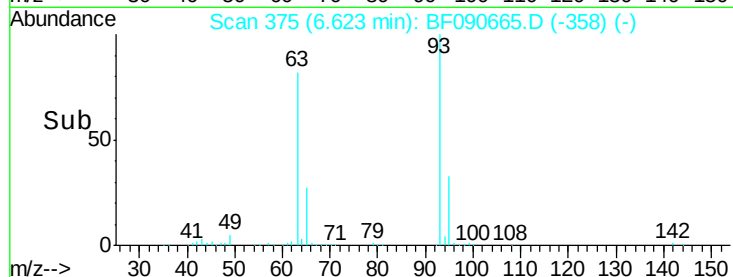
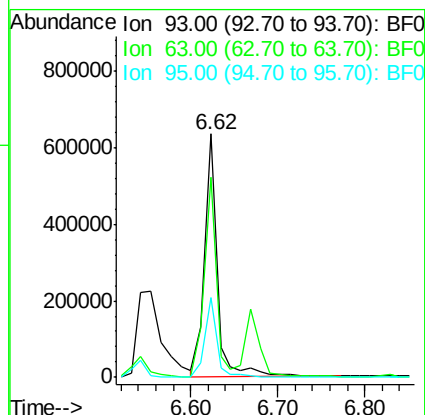
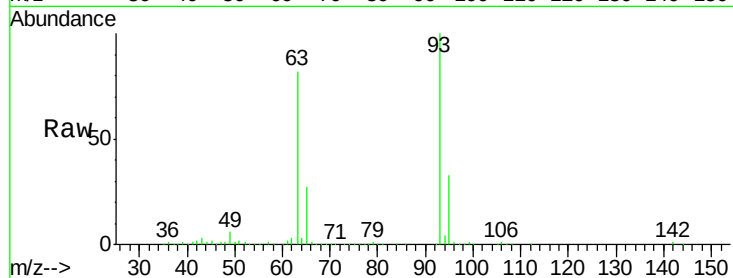




#11
 bis(2-Chloroethyl)ether
 Concen: 40.19 ng
 RT: 6.62 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

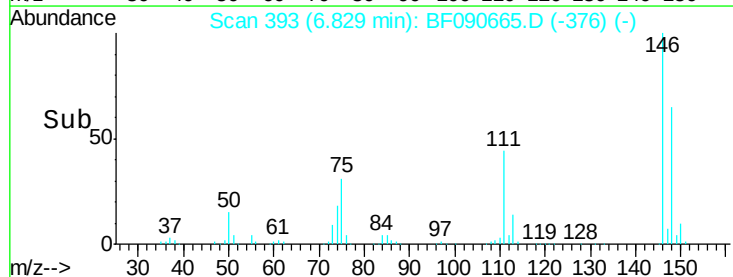
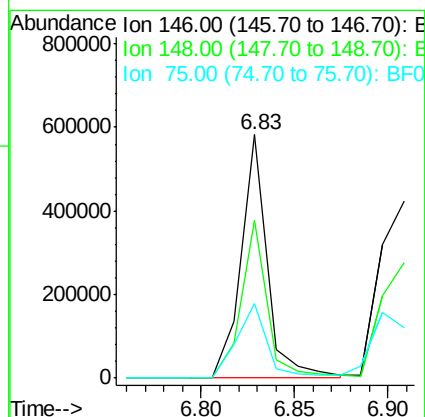
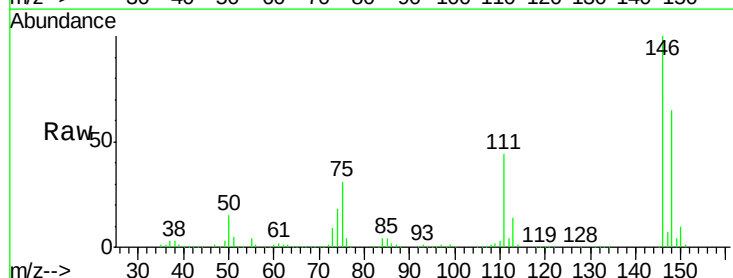
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

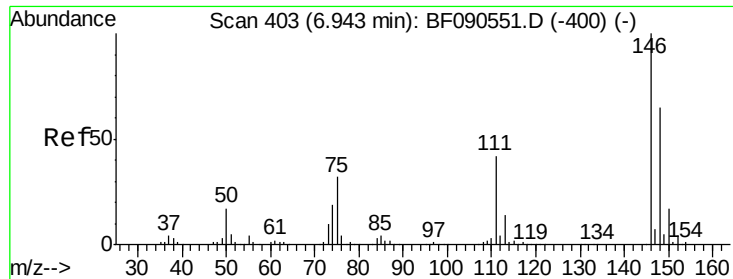
Tgt Ion: 93 Resp: 642946
 Ion Ratio Lower Upper
 93 100
 63 82.4 61.6 101.6
 95 32.9 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 38.92 ng
 RT: 6.83 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion: 146 Resp: 574297
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.4 77.2
 75 30.7 27.0 40.6

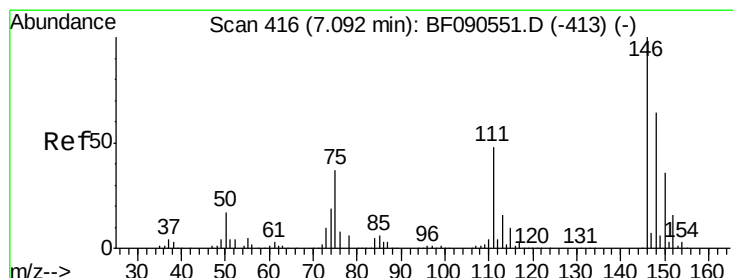
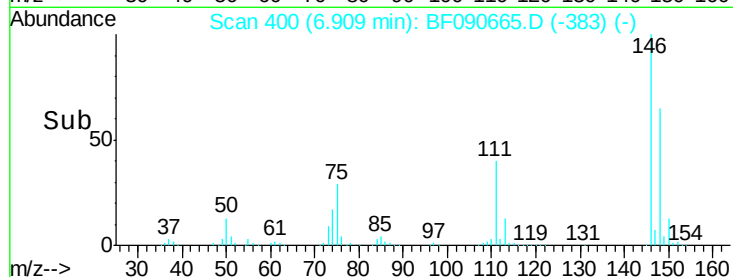
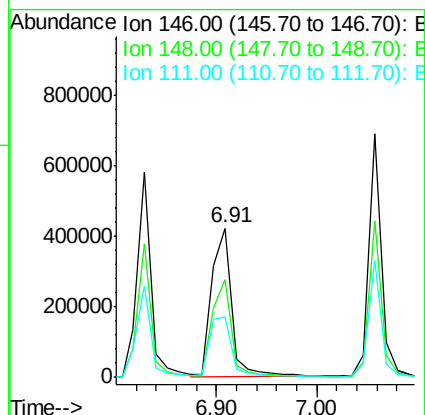
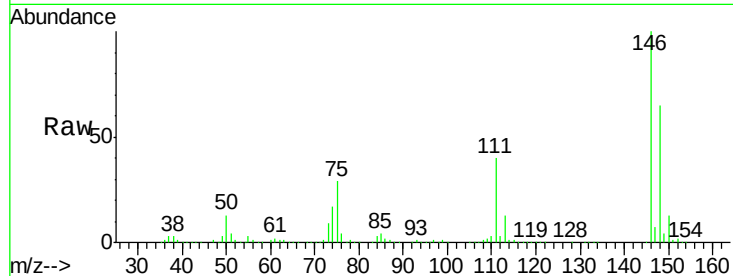




#13
 1,4-Dichlorobenzene
 Concen: 36.57 ng
 RT: 6.91 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

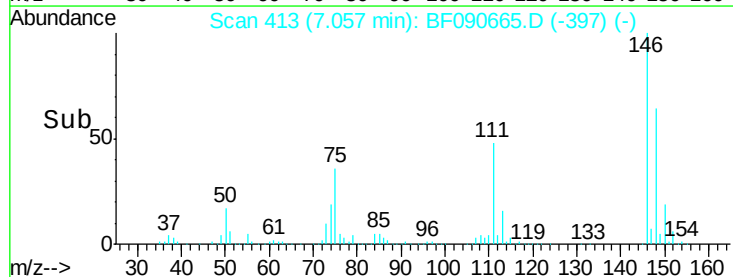
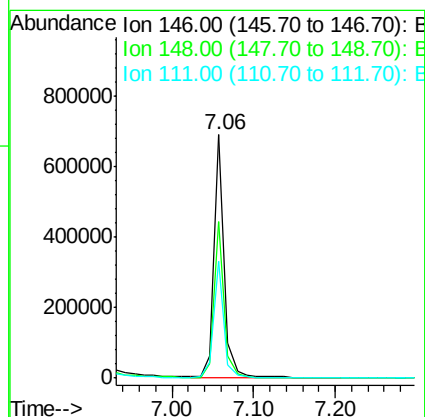
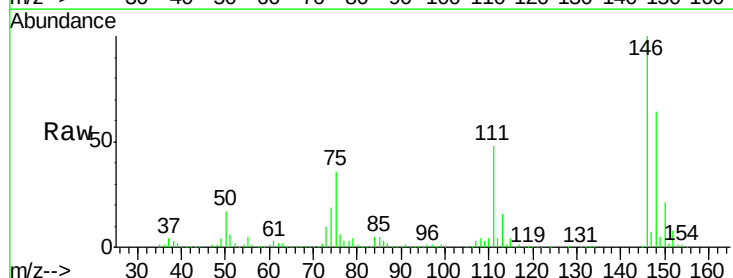
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

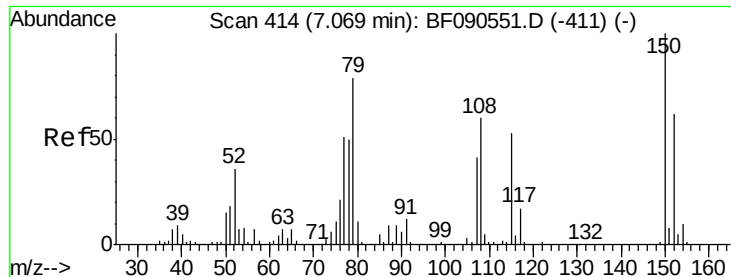
Tgt Ion:146 Resp: 586776
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 40.3 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 40.40 ng
 RT: 7.06 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:146 Resp: 606009
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 48.2 38.2 57.2

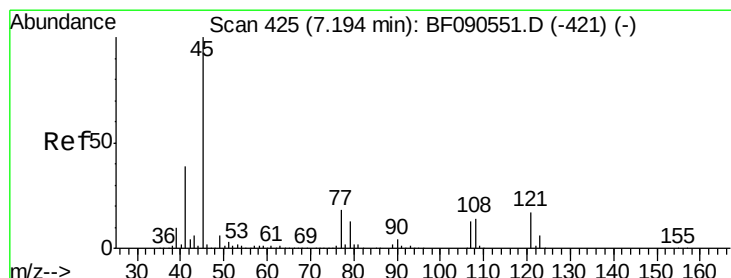
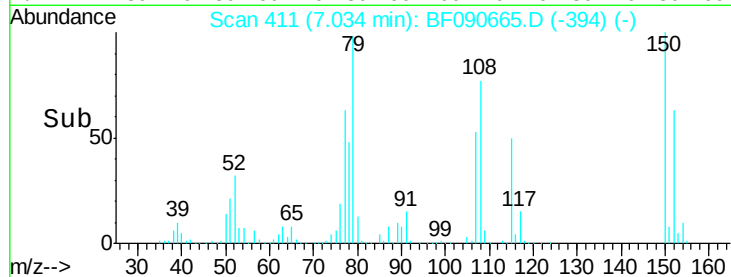
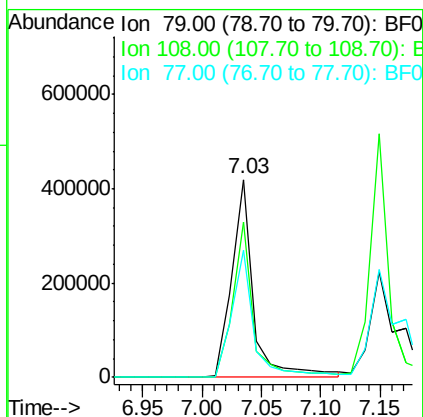
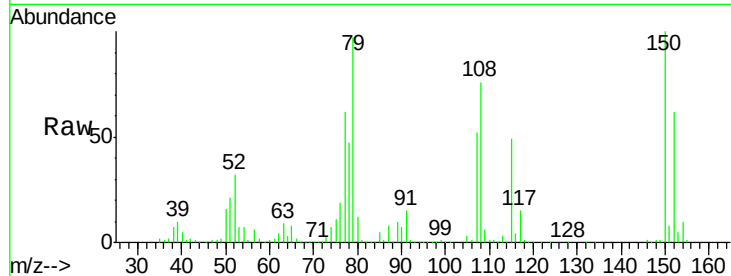




#15
Benzyl Alcohol
Concen: 46.13 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

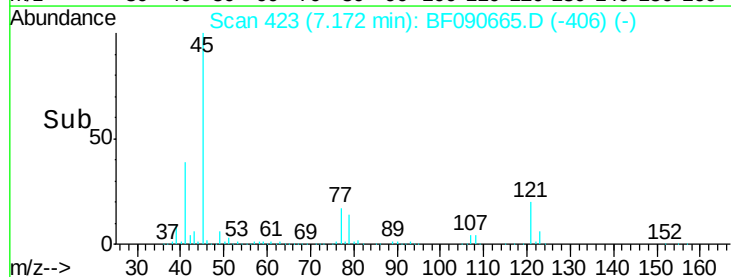
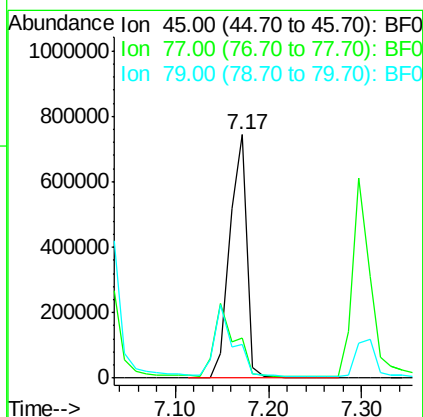
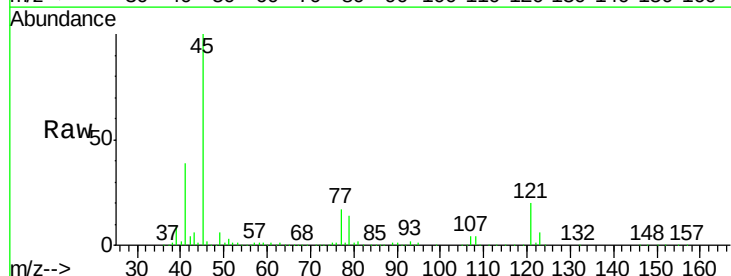
Instrument :
BNA_F
ClientSampleId :
PB94148BS

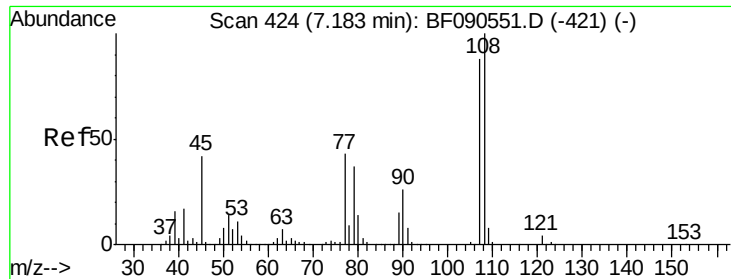
Tgt Ion: 79 Resp: 532715
Ion Ratio Lower Upper
79 100
108 78.3 60.2 90.4
77 64.0 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.31 ng
RT: 7.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion: 45 Resp: 952643
Ion Ratio Lower Upper
45 100
77 16.7 0.9 40.9
79 13.8 0.0 37.3

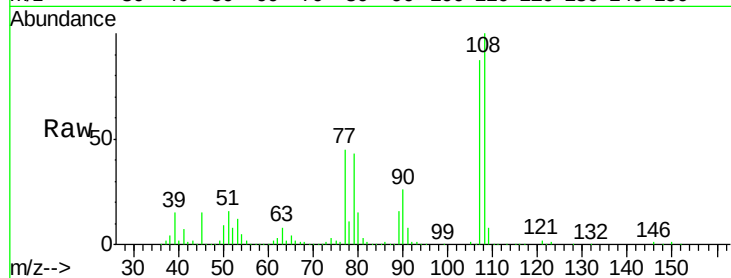




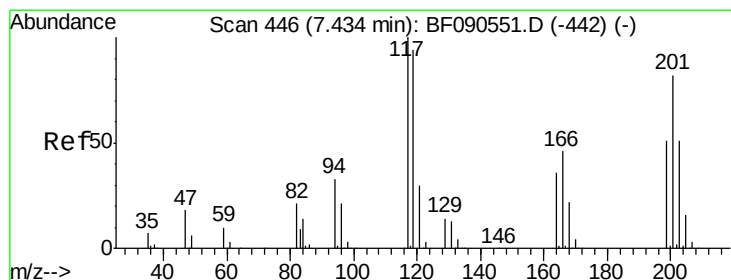
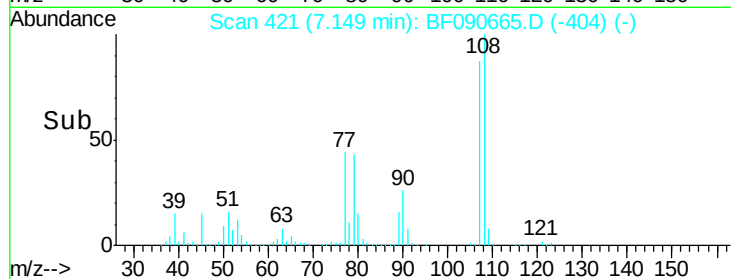
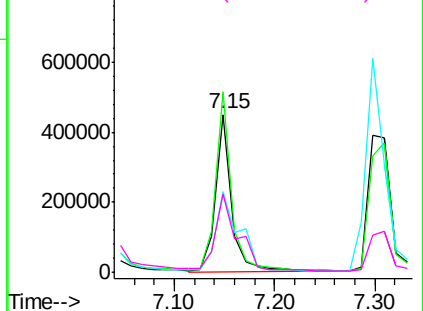
#17
2-Methylphenol
Concen: 43.09 ng
RT: 7.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampleId :
PB94148BS

Tgt Ion:107 Resp: 496828
Ion Ratio Lower Upper
107 100
108 114.4 92.6 138.8
77 50.9 42.2 63.2
79 49.2 40.7 61.1

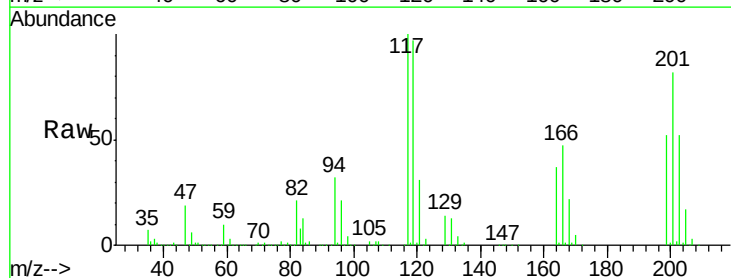


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

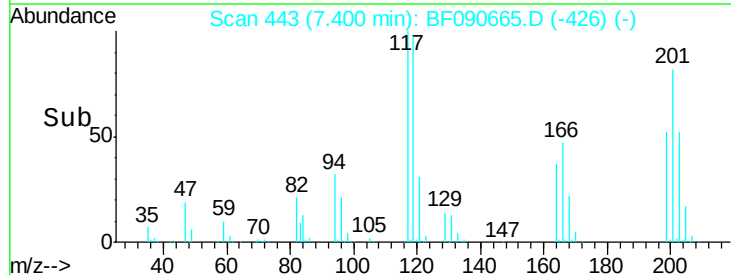
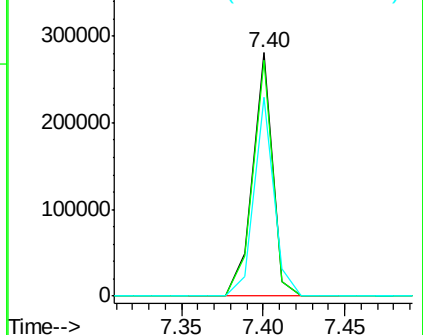


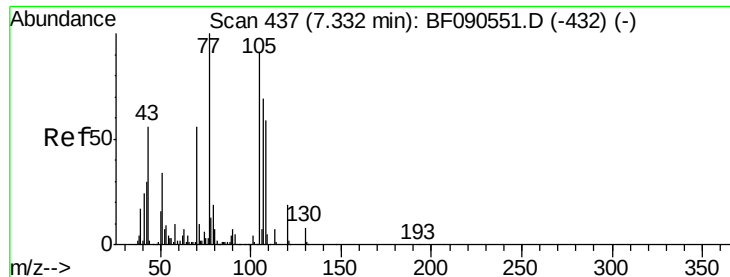
#18
Hexachloroethane
Concen: 37.68 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion:117 Resp: 238943
Ion Ratio Lower Upper
117 100
119 97.0 75.6 113.4
201 81.7 65.4 98.0



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

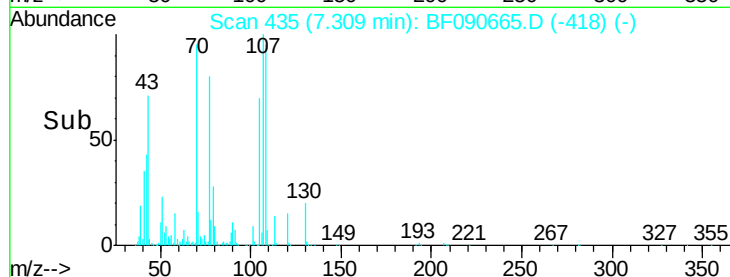
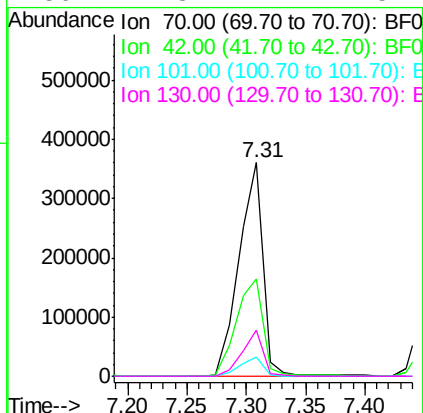
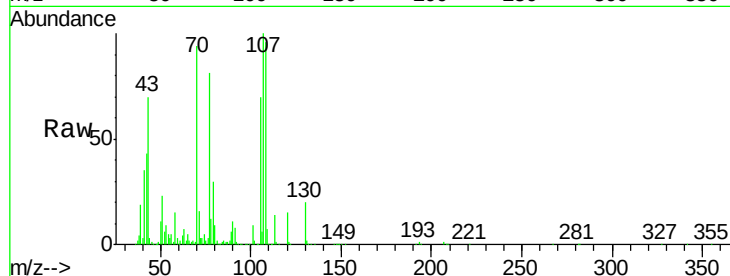




#19
n-Nitroso-di-n-propylamine
Concen: 43.59 ng
RT: 7.31 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

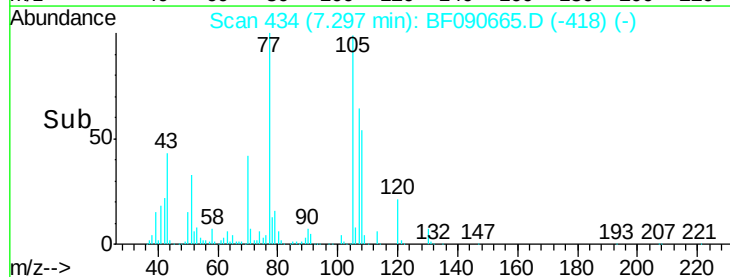
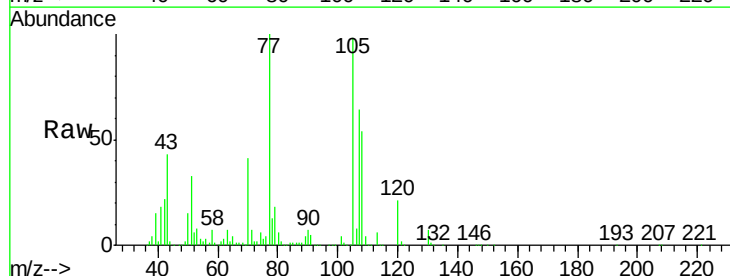
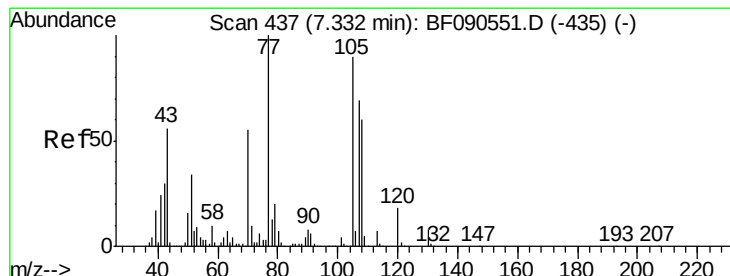
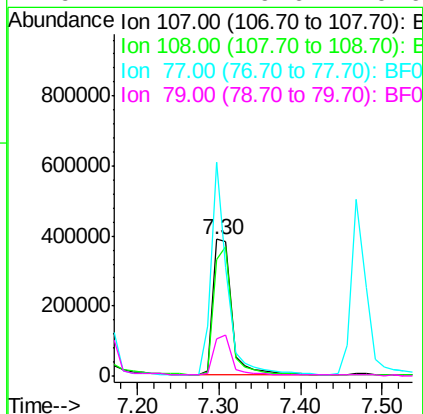
Instrument :
BNA_F
ClientSampleId :
PB94148BS

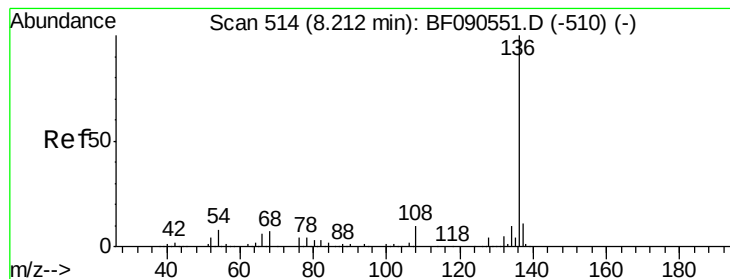
Tgt Ion: 70 Resp: 506728
Ion Ratio Lower Upper
70 100
42 45.5 43.4 65.0
101 9.2 6.4 9.6
130 21.3 12.1 18.1#



#20
3+4-Methylphenols
Concen: 44.07 ng
RT: 7.30 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion: 107 Resp: 616037
Ion Ratio Lower Upper
107 100
108 85.1 67.7 107.7
77 156.1 123.1 163.1
79 27.4 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tgt Ion:136 Resp: 903105

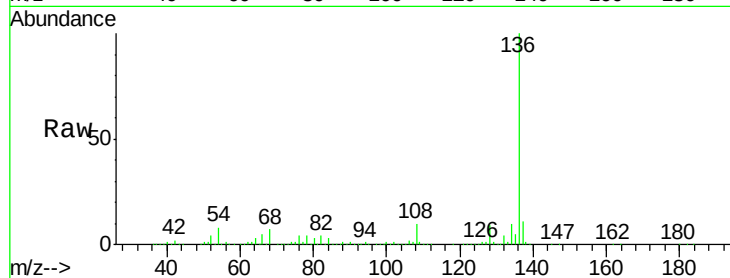
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.7 6.8 10.2

68 6.9 6.0 9.0

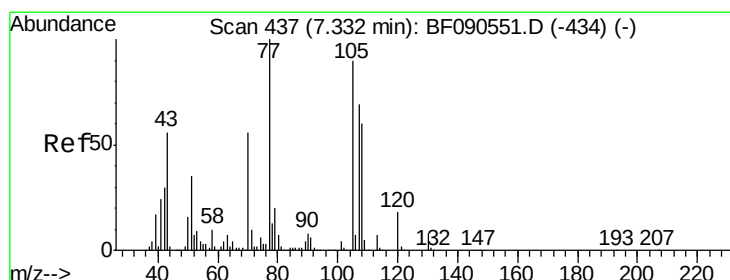
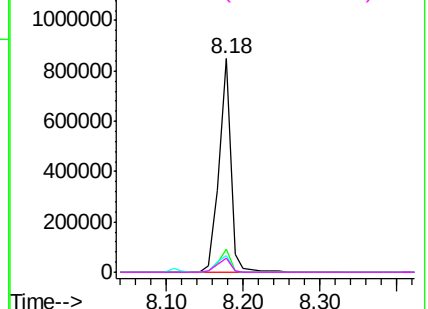
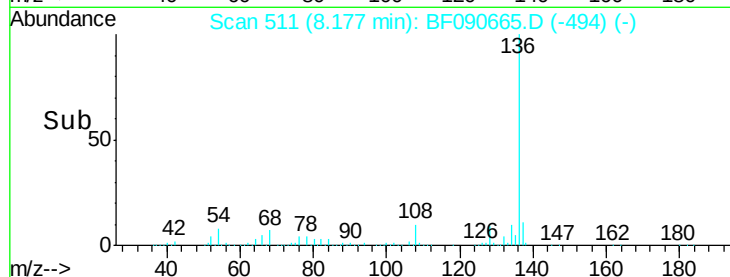


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.87 ng

RT: 7.30 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion:105 Resp: 815396

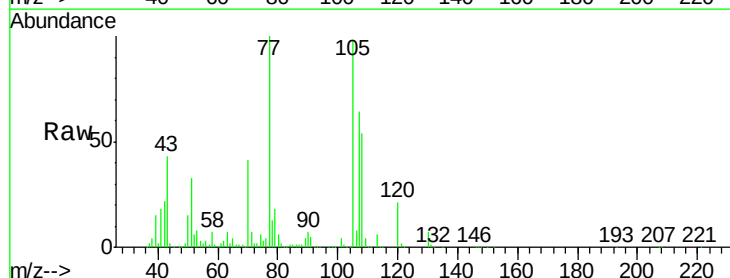
Ion Ratio Lower Upper

105 100

71 7.0 8.5 12.7#

51 33.5 31.0 46.4

120 21.3 16.2 24.4

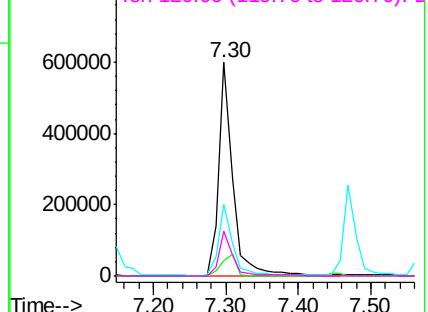
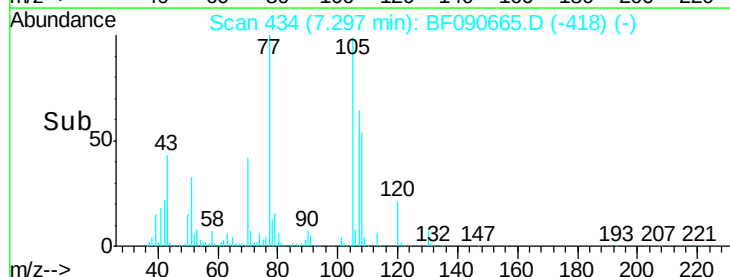


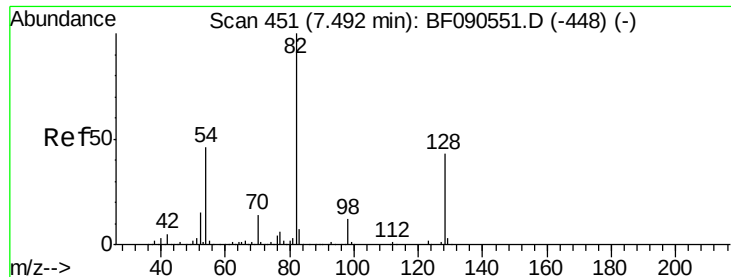
Abundance Ion 105.00 (104.70 to 105.70): E

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

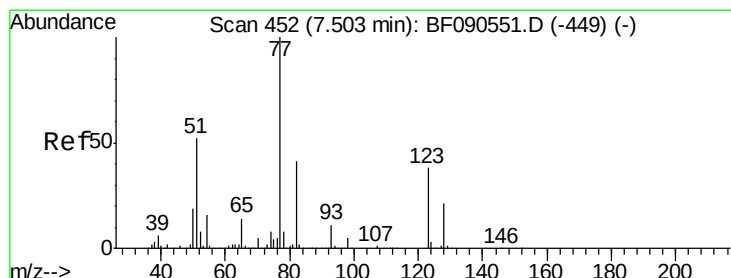
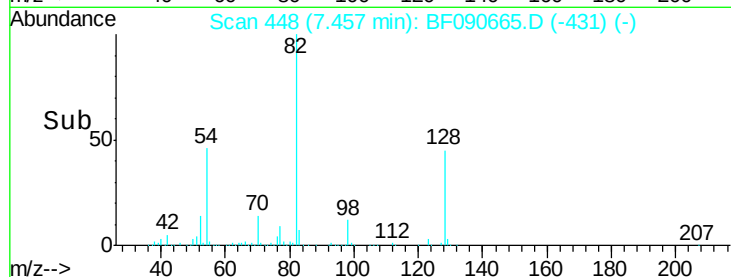
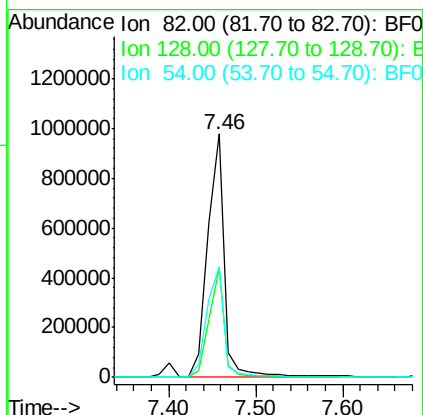
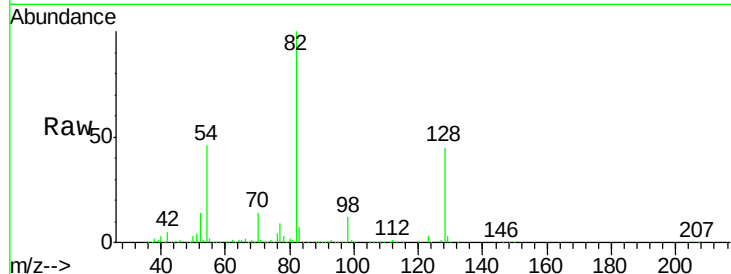




#23
 Nitrobenzene-d5
 Concen: 81.01 ng
 RT: 7.46 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

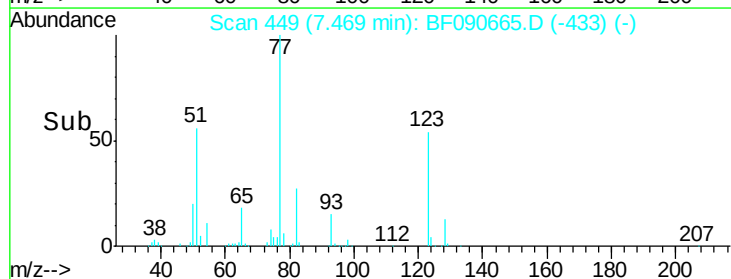
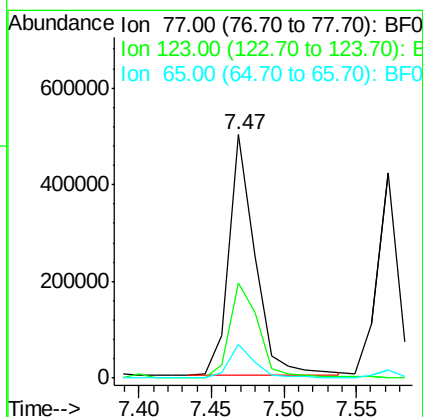
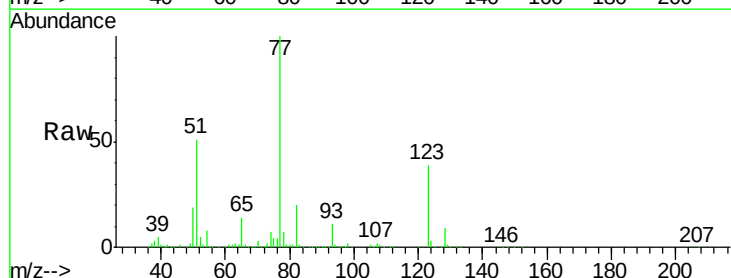
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

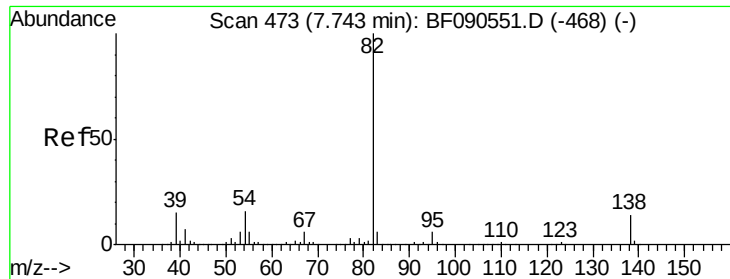
Tgt Ion: 82 Resp: 1316986
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.3 51.5
 54 45.6 37.0 55.6



#24
 Nitrobenzene
 Concen: 37.80 ng
 RT: 7.47 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion: 77 Resp: 630658
 Ion Ratio Lower Upper
 77 100
 123 38.9 29.8 44.6
 65 14.0 10.9 16.3





#25

Isophorone

Concen: 42.58 ng

RT: 7.71 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

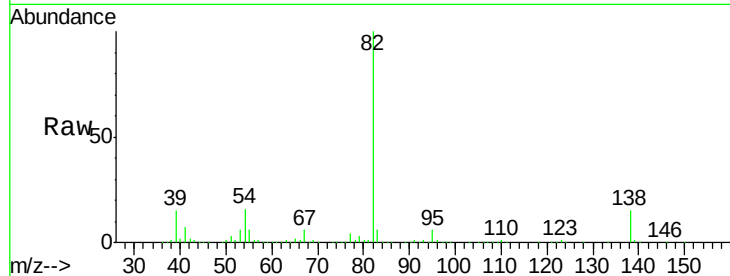
Tgt Ion: 82 Resp: 1259905

Ion Ratio Lower Upper

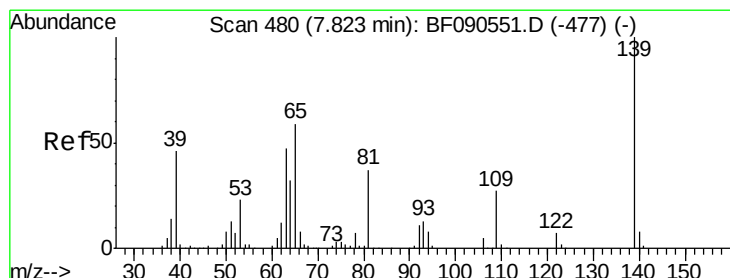
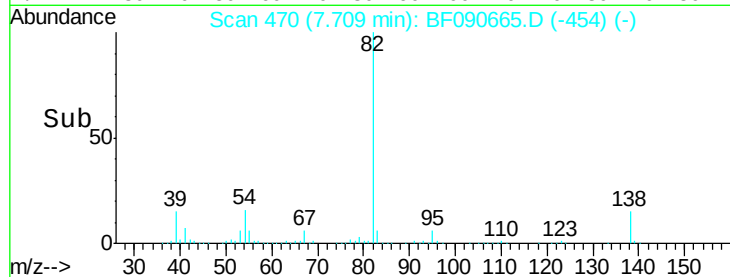
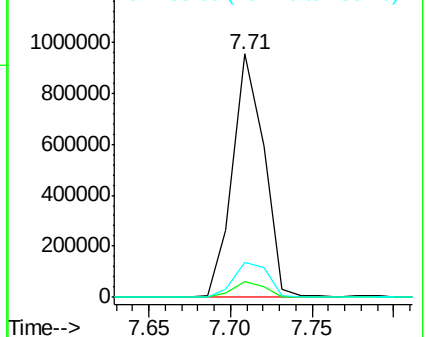
82 100

95 6.4 5.0 7.6

138 14.6 11.5 17.3



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



#26

2-Nitrophenol

Concen: 36.31 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

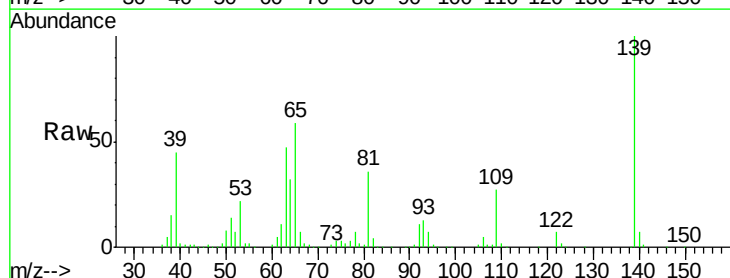
Tgt Ion: 139 Resp: 274861

Ion Ratio Lower Upper

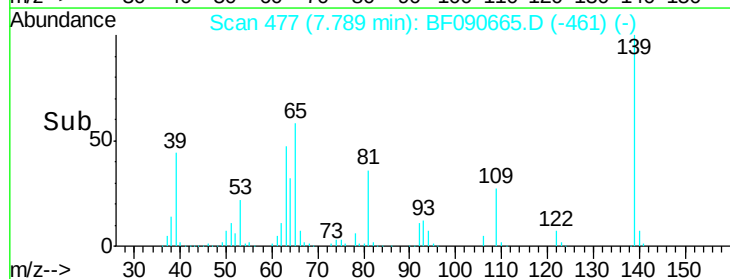
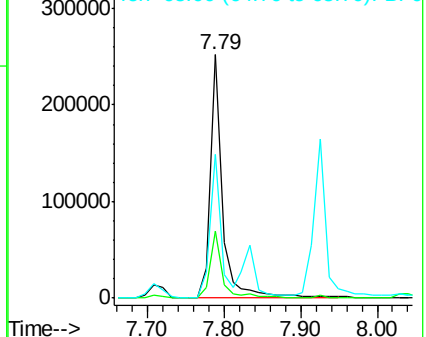
139 100

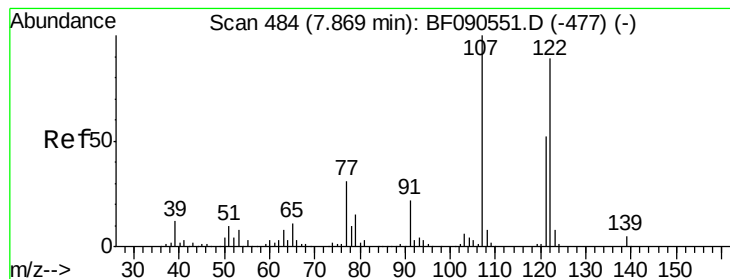
109 27.5 21.8 32.6

65 59.0 47.7 71.5



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





#27

2,4-Dimethylphenol

Concen: 45.65 ng

RT: 7.83 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

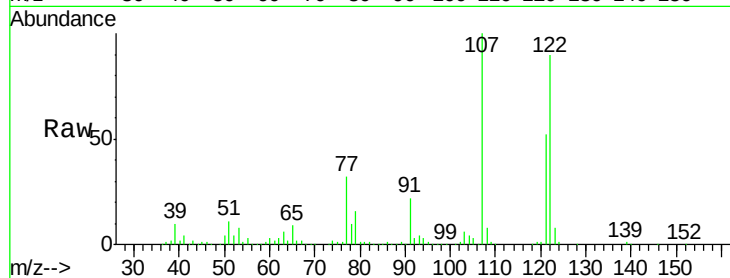
Tgt Ion:122 Resp: 573452

Ion Ratio Lower Upper

122 100

107 111.5 89.8 134.6

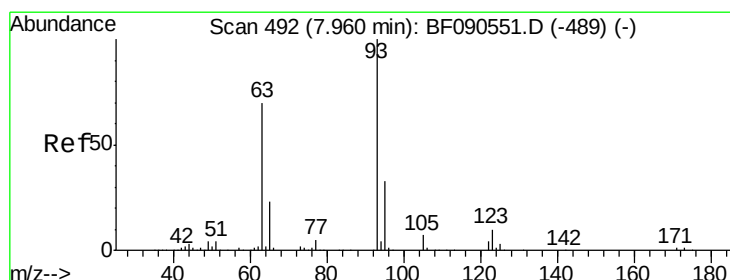
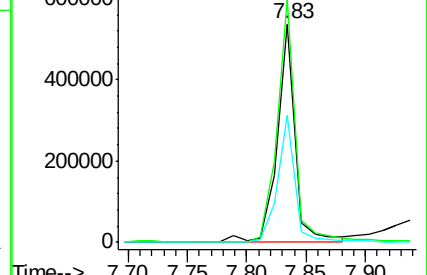
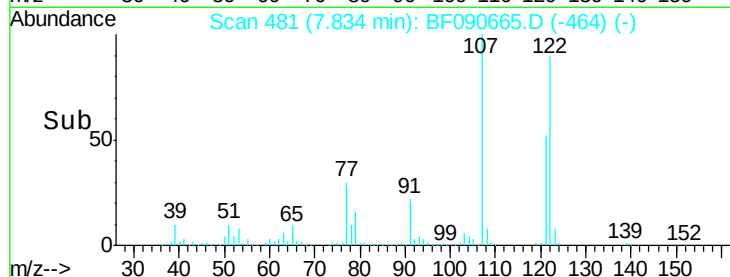
121 58.0 46.1 69.1



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: 44.18 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

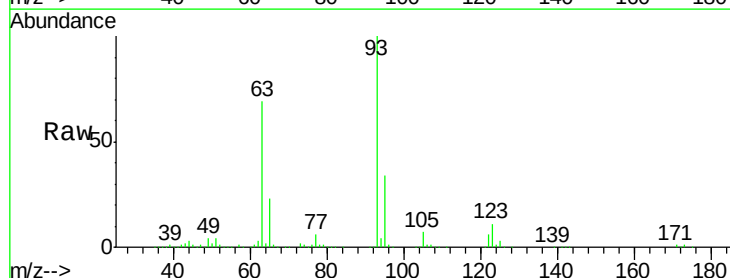
Tgt Ion: 93 Resp: 771898

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.2

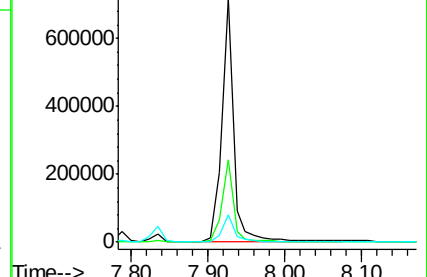
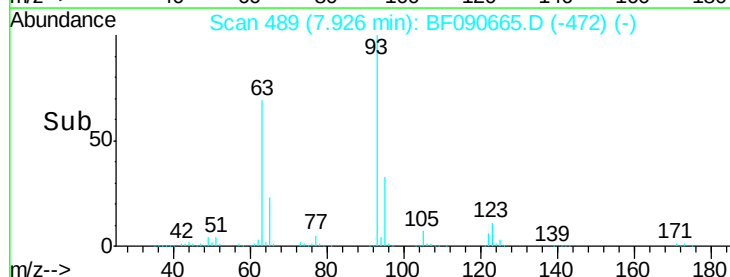
123 11.1 8.6 13.0

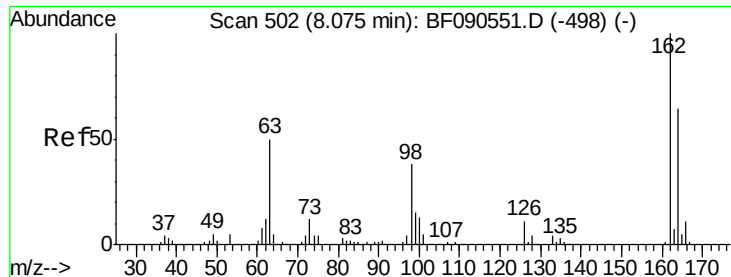


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

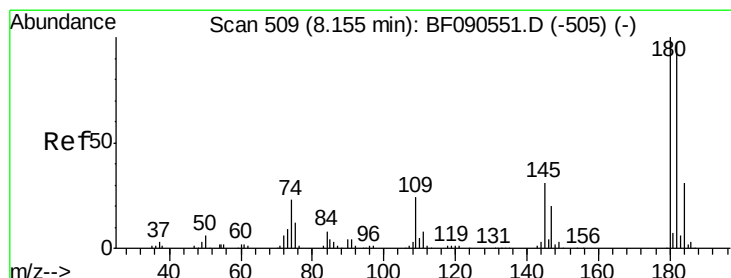
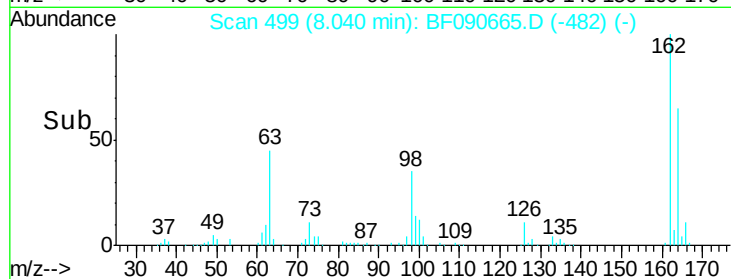
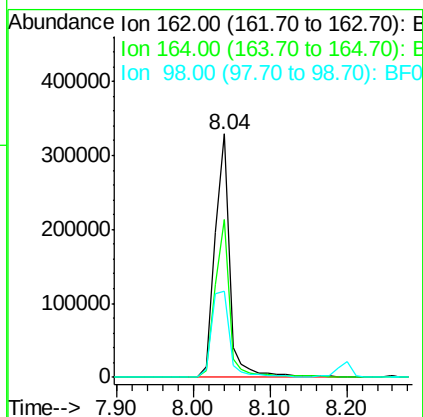
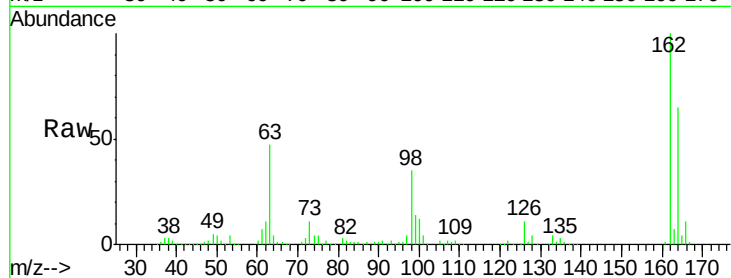




#29
 2,4-Dichlorophenol
 Concen: 39.86 ng
 RT: 8.04 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

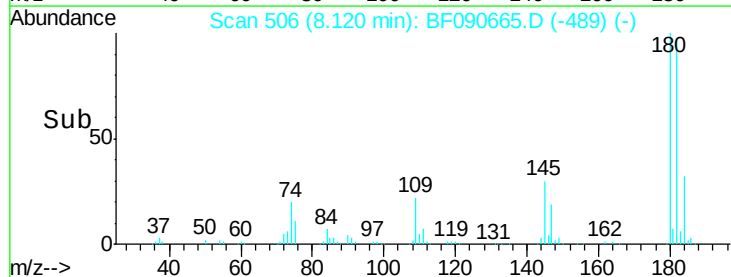
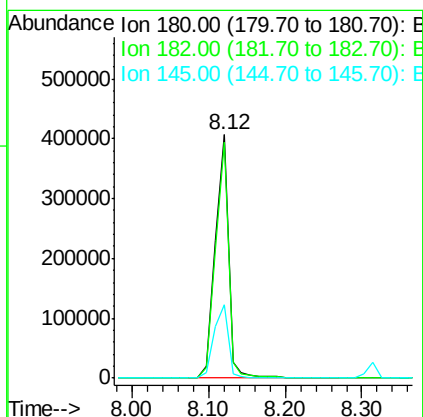
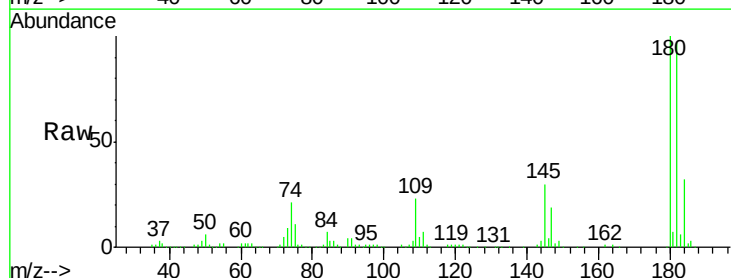
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

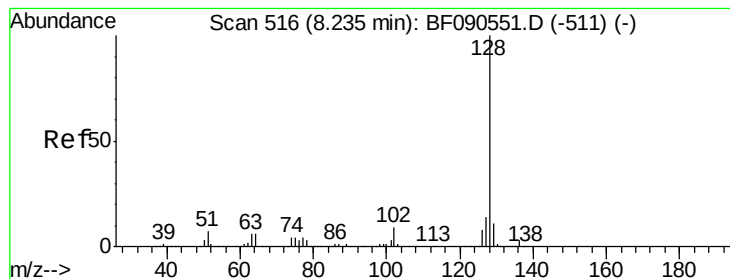
Tgt Ion:162 Resp: 438516
 Ion Ratio Lower Upper
 162 100
 164 65.0 44.0 84.0
 98 35.4 18.0 58.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.82 ng
 RT: 8.12 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:180 Resp: 487309
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.2 115.8
 145 30.1 24.4 36.6





#31

Naphthalene

Concen: 38.14 ng

RT: 8.20 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

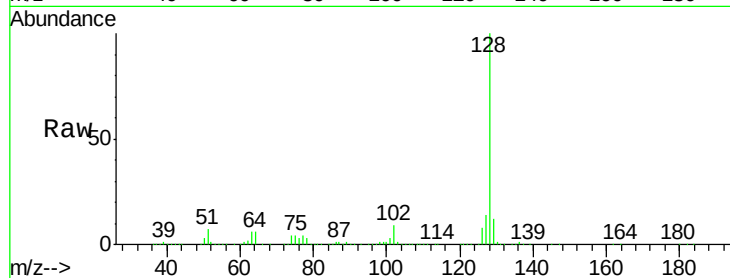
Tgt Ion:128 Resp: 1754691

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

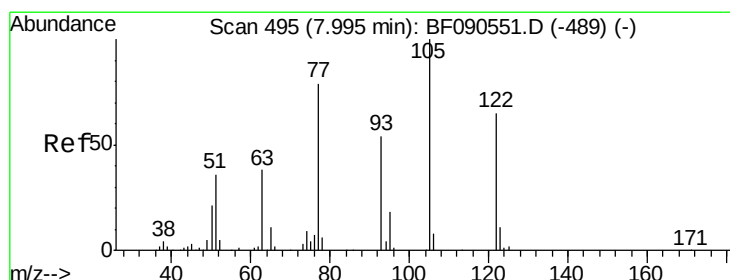
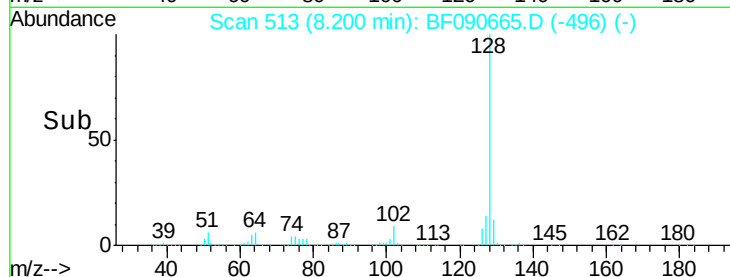
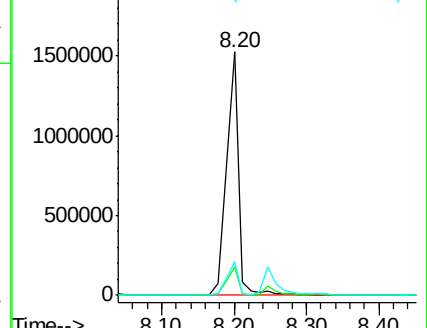
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.81 ng

RT: 7.95 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

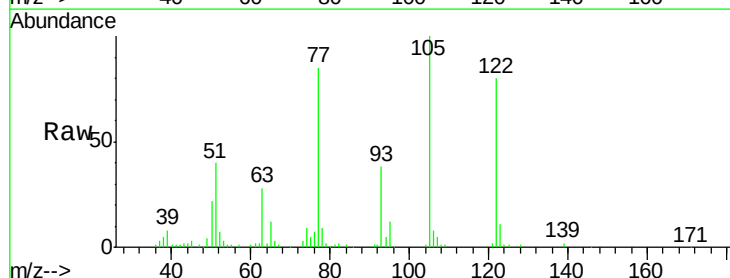
Tgt Ion:122 Resp: 214585

Ion Ratio Lower Upper

122 100

105 124.9 101.1 141.1

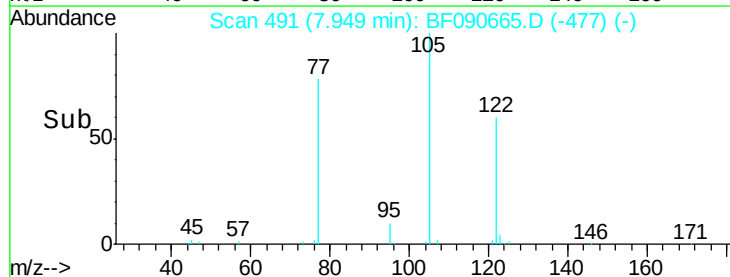
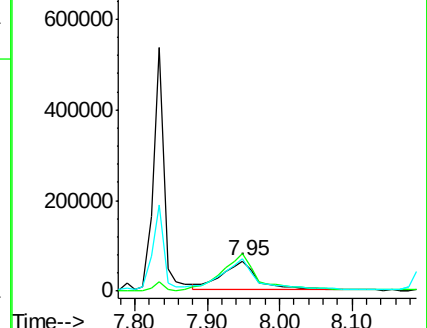
77 106.1 84.7 124.7

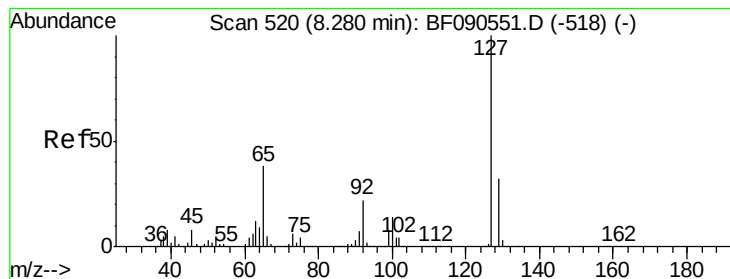


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.46 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tgt Ion:127 Resp: 254166

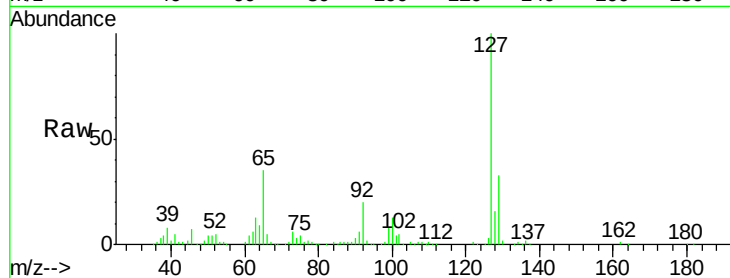
Ion Ratio Lower Upper

127 100

129 33.0 26.2 39.2

65 35.4 30.1 45.1

92 20.4 17.2 25.8

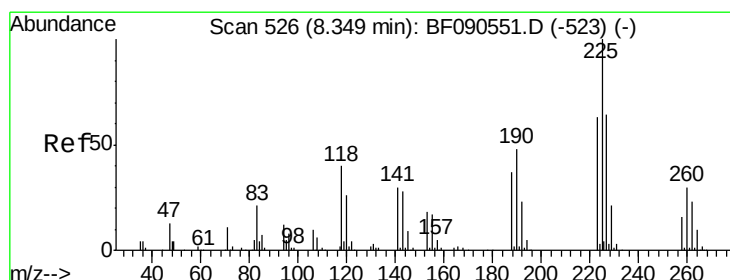
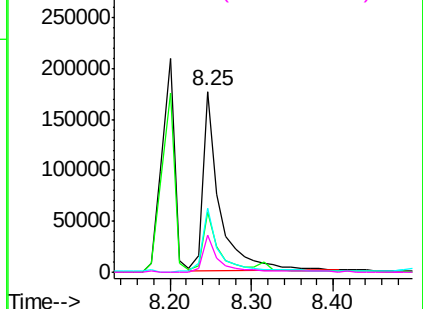
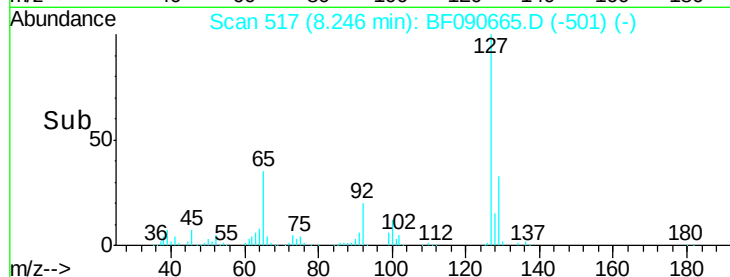


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.59 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

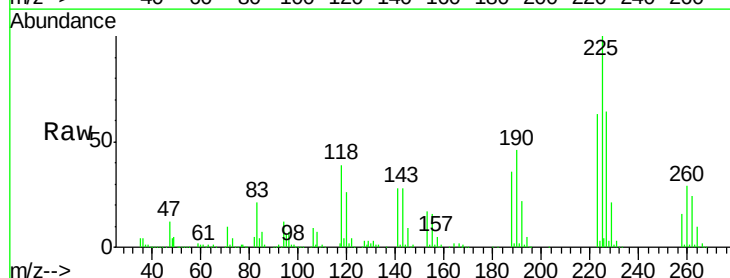
Tgt Ion:225 Resp: 270602

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

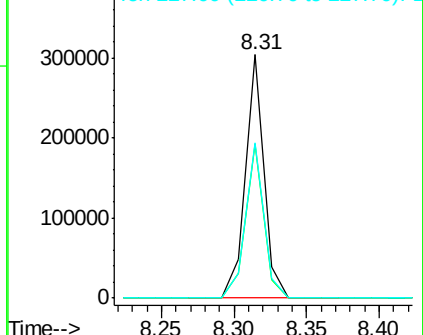
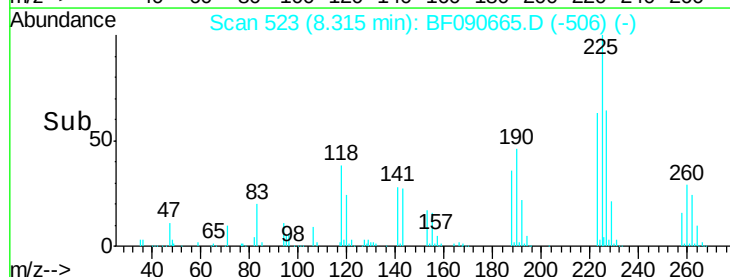
227 64.0 51.4 77.2

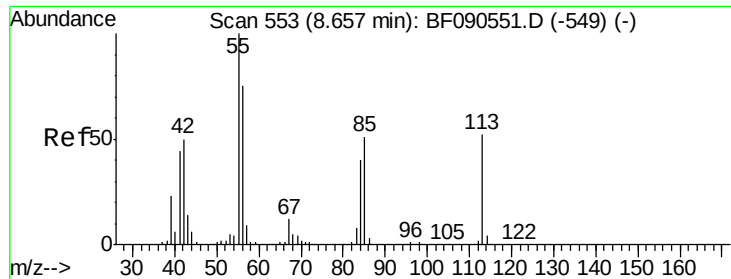


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

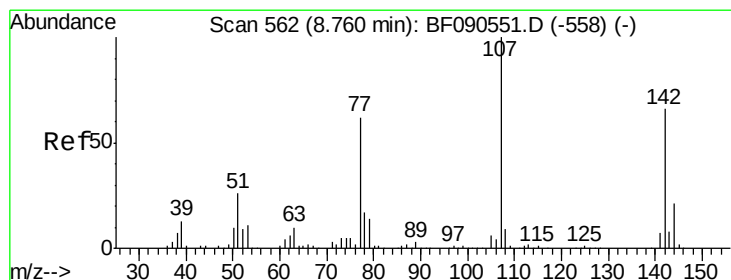
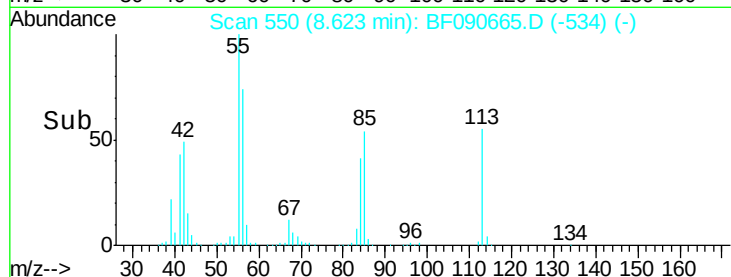
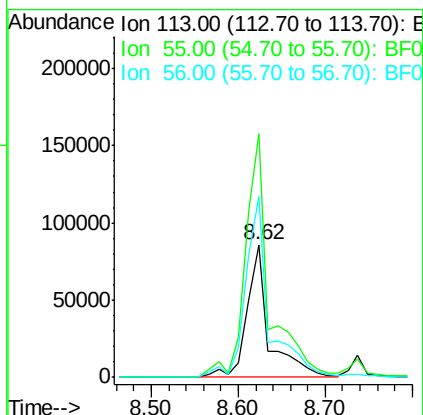
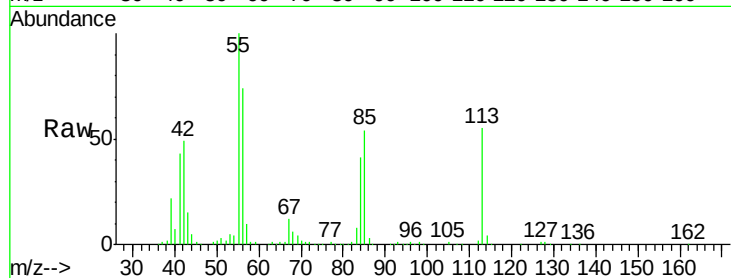




#35
 Caprolactam
 Concen: 49.93 ng
 RT: 8.62 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

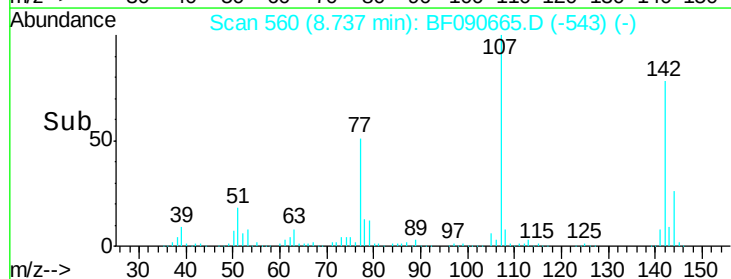
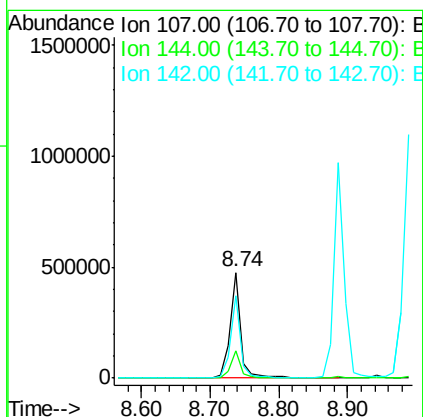
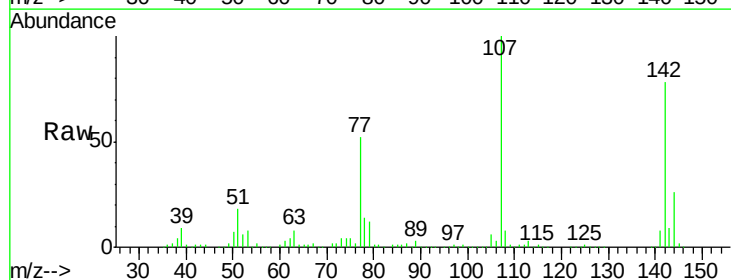
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

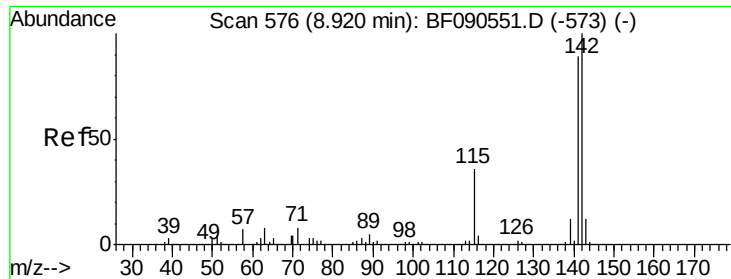
Tgt Ion:113 Resp: 153317
 Ion Ratio Lower Upper
 113 100
 55 183.3 170.8 210.8
 56 136.3 122.4 162.4



#36
 4-Chloro-3-methylphenol
 Concen: 41.46 ng
 RT: 8.74 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:107 Resp: 526329
 Ion Ratio Lower Upper
 107 100
 144 25.7 16.9 25.3#
 142 78.3 52.5 78.7

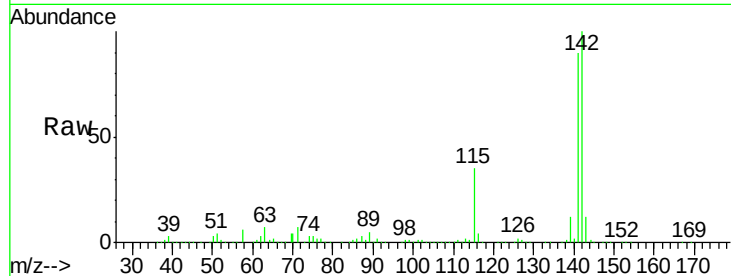




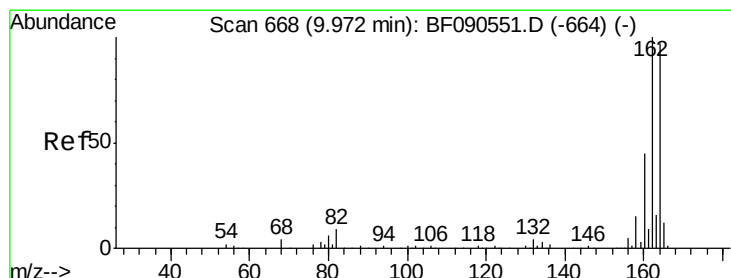
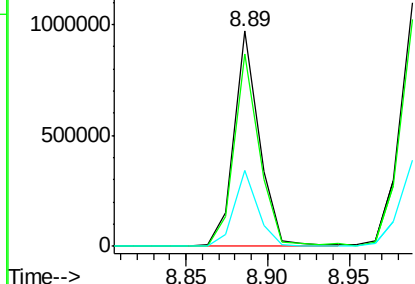
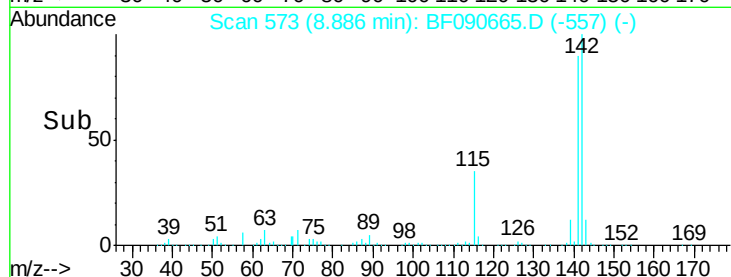
#37
 2-Methylnaphthalene
 Concen: 38.17 ng
 RT: 8.89 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampled :
 PB94148BS

Tgt Ion:142 Resp: 1031200
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 35.4 28.8 43.2

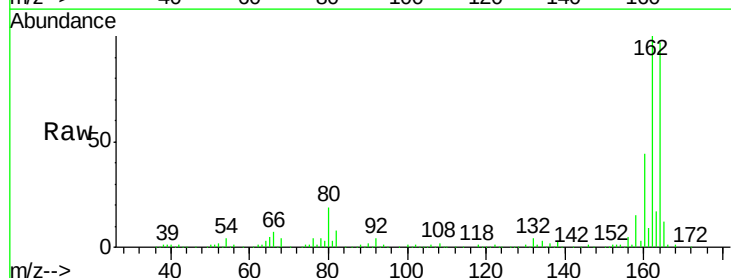


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

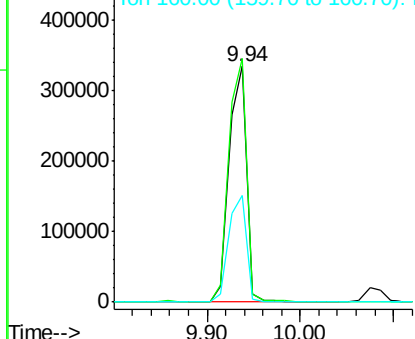
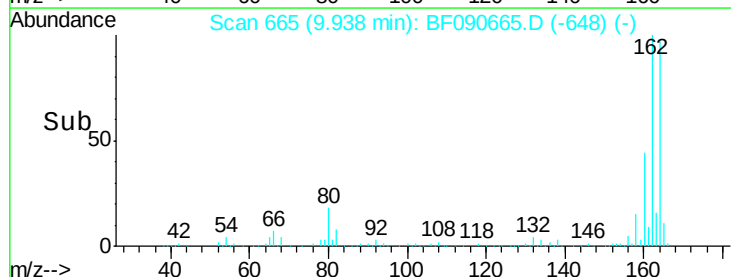


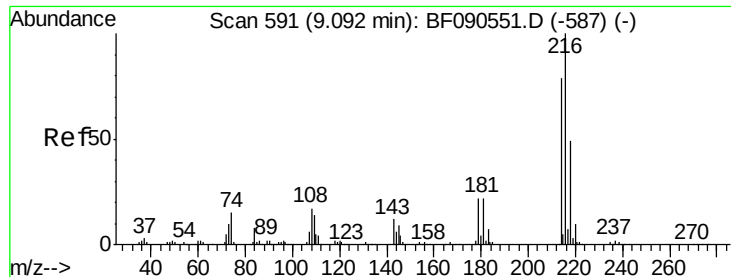
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:164 Resp: 442145
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.4
 160 45.3 36.6 55.0



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: 43.65 ng

RT: 9.06 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

Tgt Ion:216 Resp: 511702

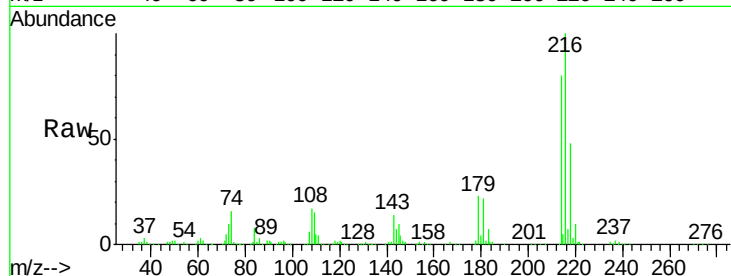
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 23.0 18.9 28.3

108 20.8 17.8 26.6

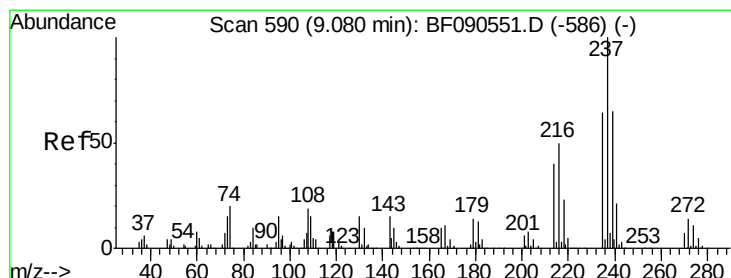
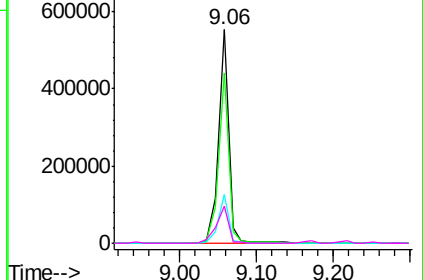
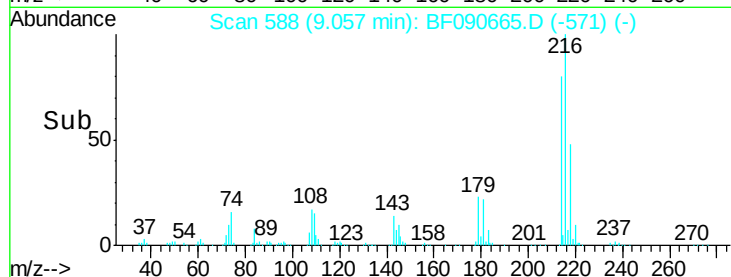


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.73 ng

RT: 9.05 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

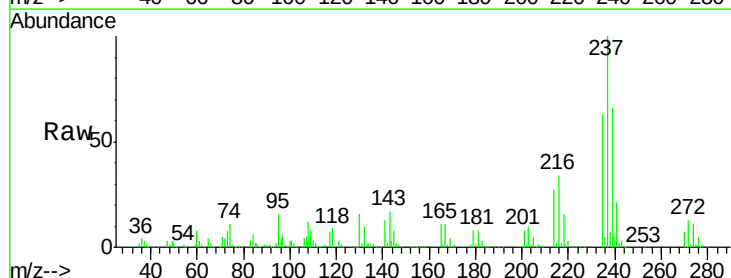
Tgt Ion:237 Resp: 342084

Ion Ratio Lower Upper

237 100

235 63.4 43.8 83.8

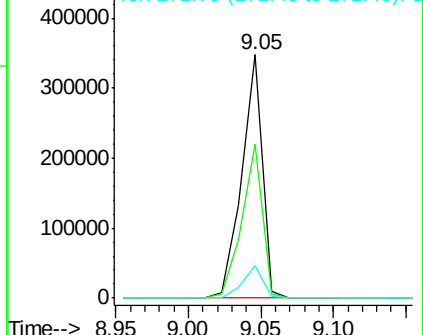
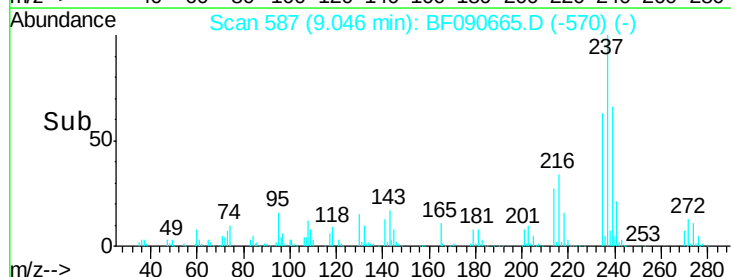
272 13.4 0.0 33.7

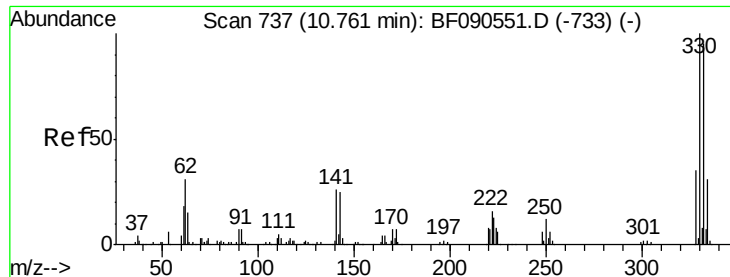


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

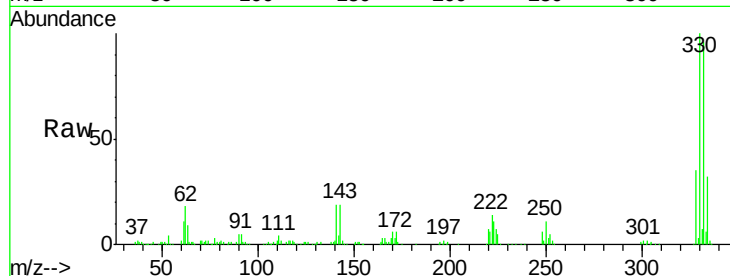




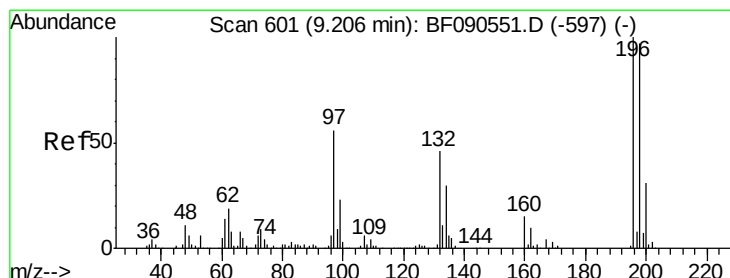
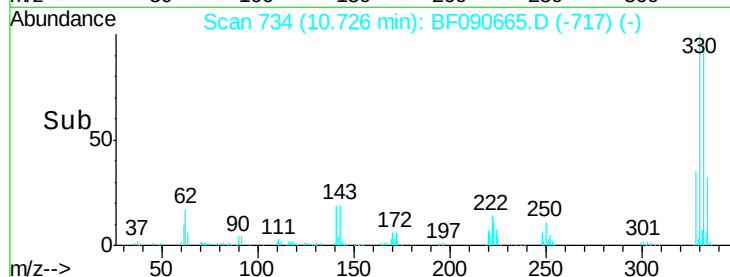
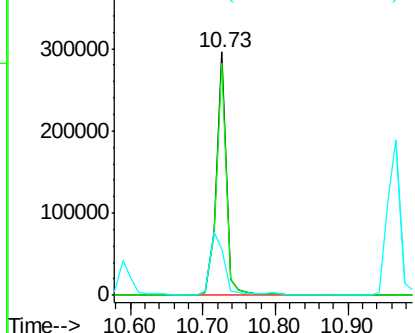
#41
 2,4,6-Tribromophenol
 Concen: 73.10 ng
 RT: 10.73 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:330 Resp: 288156
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.2
 141 34.8 31.4 47.2

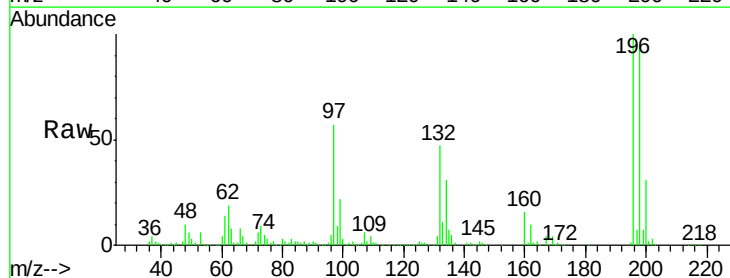


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

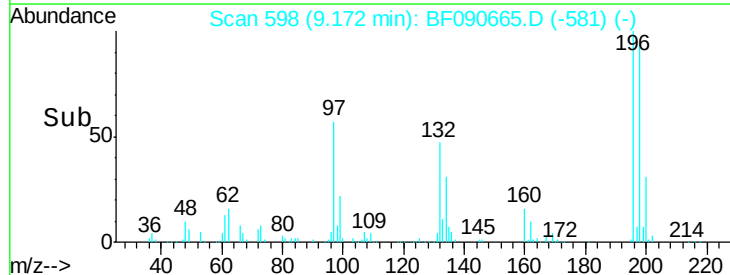
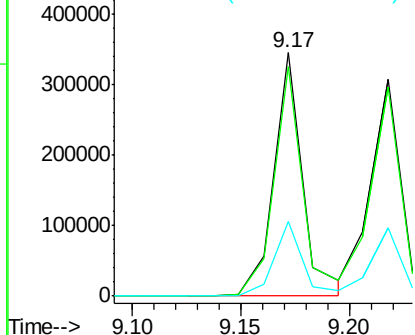


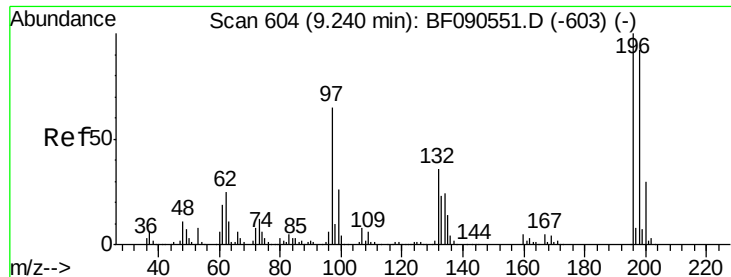
#42
 2,4,6-Trichlorophenol
 Concen: 48.61 ng
 RT: 9.17 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:196 Resp: 321424
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.9 116.9
 200 30.9 25.1 37.7



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

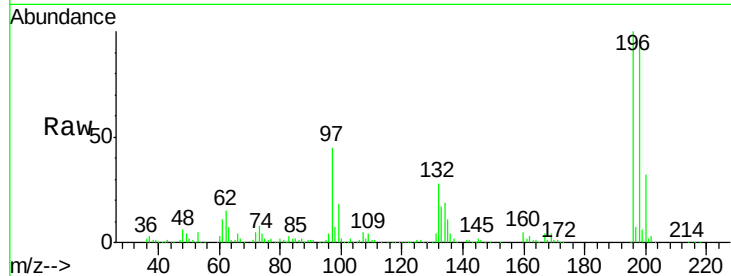




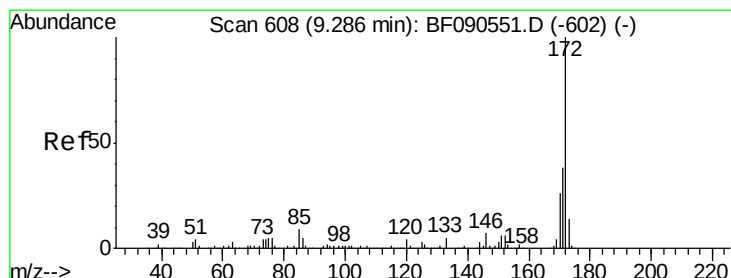
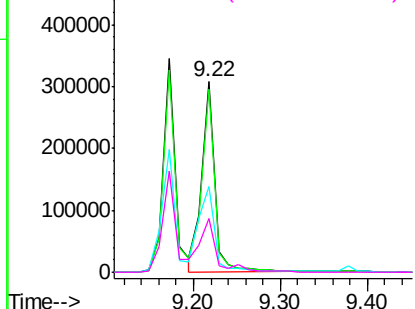
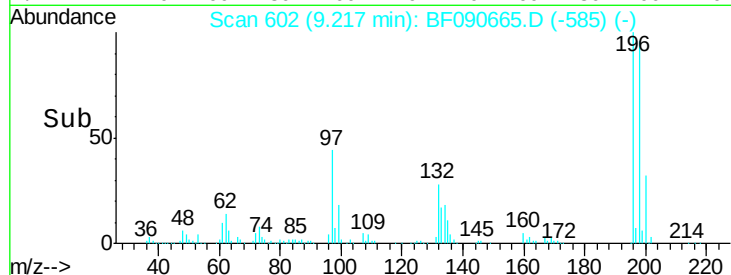
#43
 2,4,5-Trichlorophenol
 Concen: 40.43 ng
 RT: 9.22 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:196 Resp: 318889
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.0 111.0
 97 45.1 54.7 82.1#
 132 28.5 30.5 45.7#

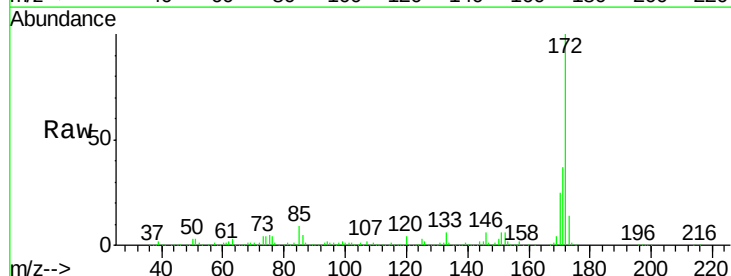


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

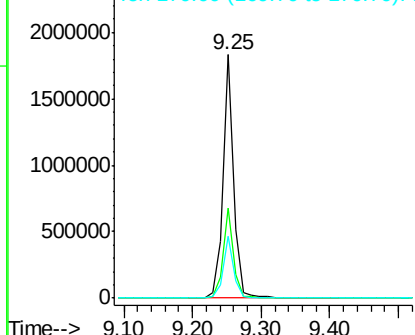
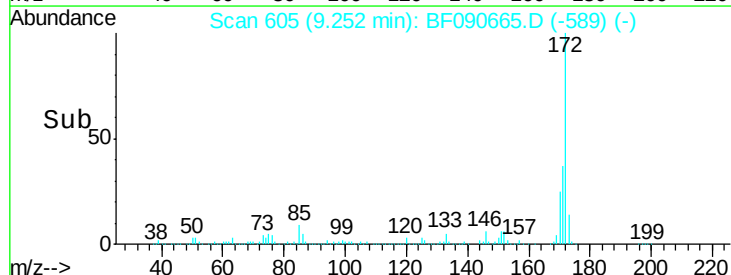


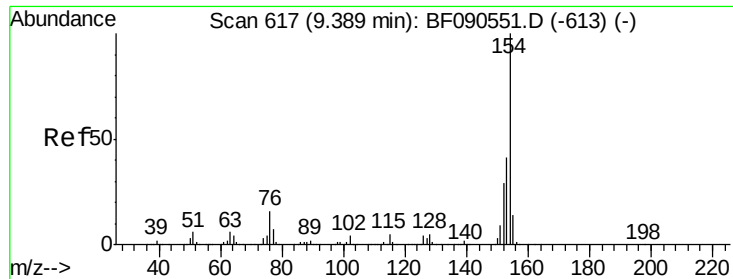
#44
 2-Fluorobiphenyl
 Concen: 75.15 ng
 RT: 9.25 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:172 Resp: 2016654
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.1 45.1
 170 25.2 20.6 30.8



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

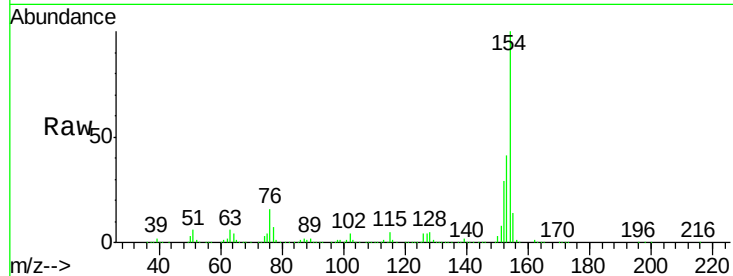




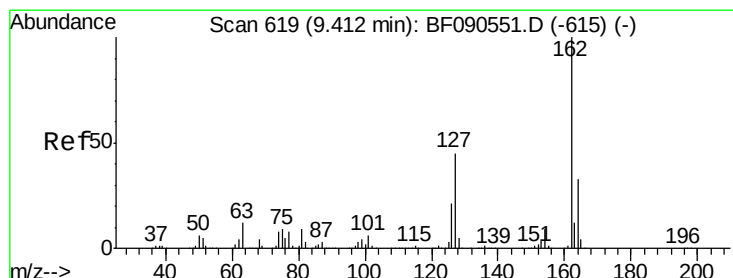
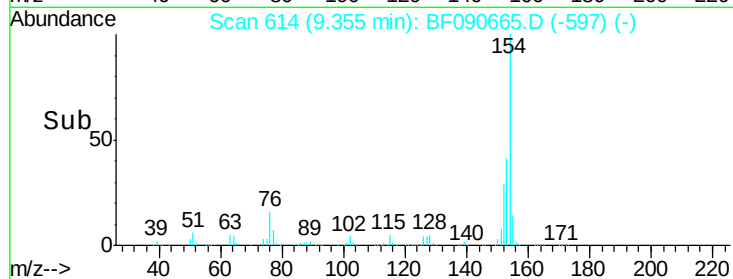
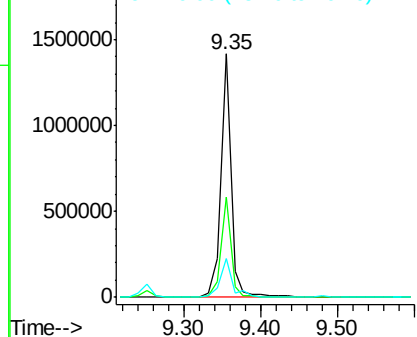
#45
 1,1'-Biphenyl
 Concen: 39.44 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:154 Resp: 1326964
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.5 61.5
 76 15.8 0.0 36.0

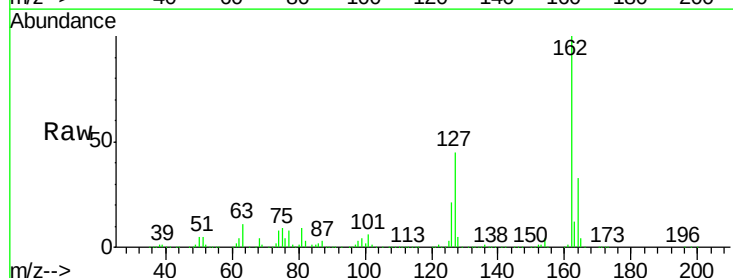


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

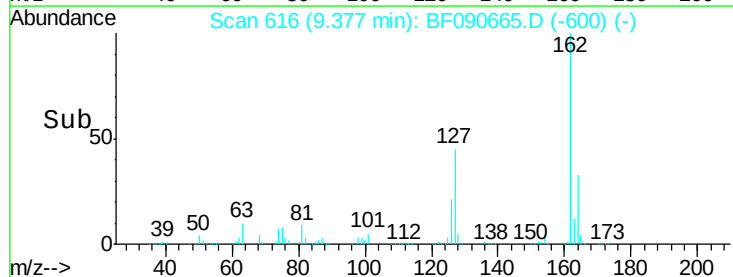
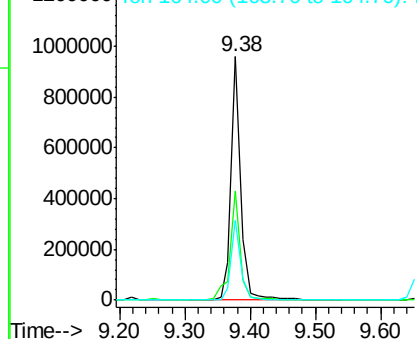


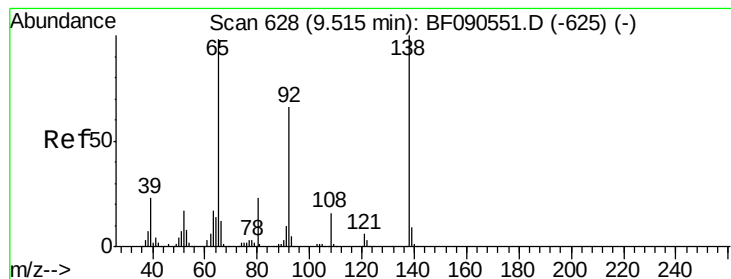
#46
 2-Chloronaphthalene
 Concen: 40.00 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:162 Resp: 1003342
 Ion Ratio Lower Upper
 162 100
 127 44.7 35.9 53.9
 164 33.0 26.7 40.1



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





#47

2-Nitroaniline

Concen: 40.26 ng

RT: 9.48 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

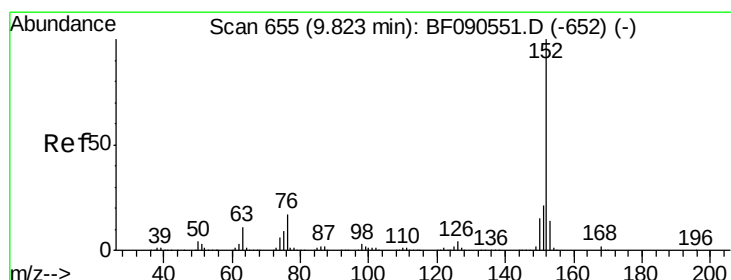
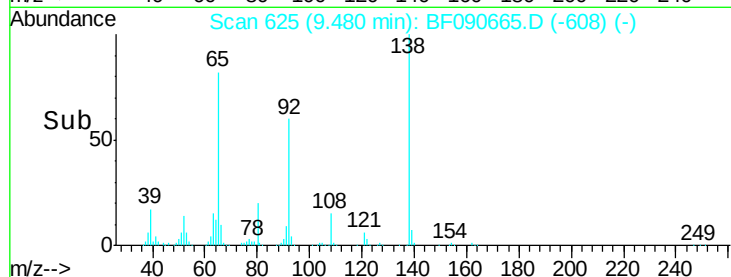
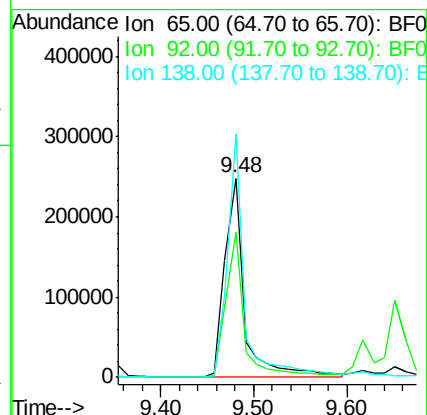
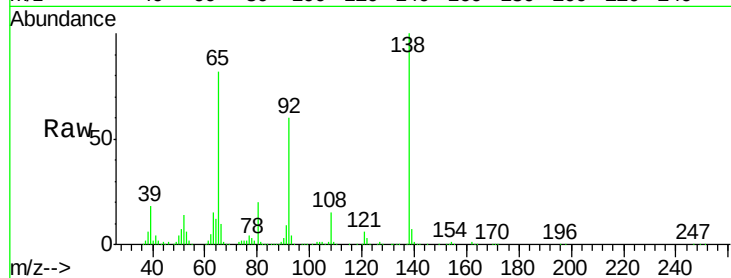
Tgt Ion: 65 Resp: 366200

Ion Ratio Lower Upper

65 100

92 73.0 54.3 81.5

138 122.3 81.7 122.5



#48

Acenaphthylene

Concen: 38.88 ng

RT: 9.80 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

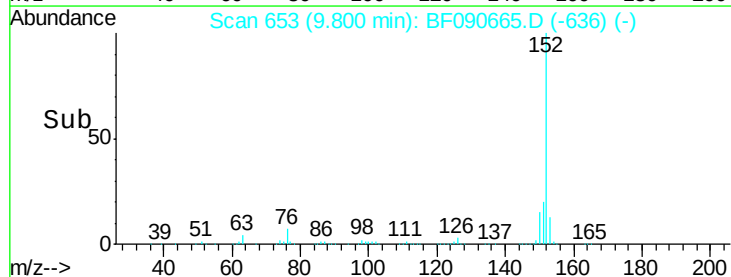
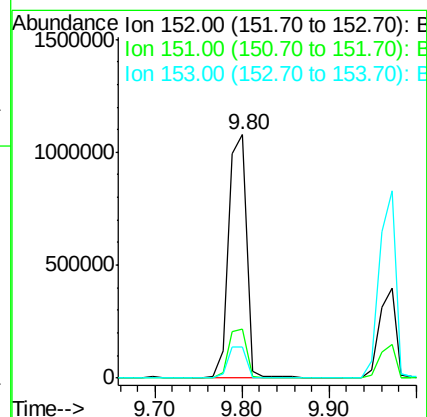
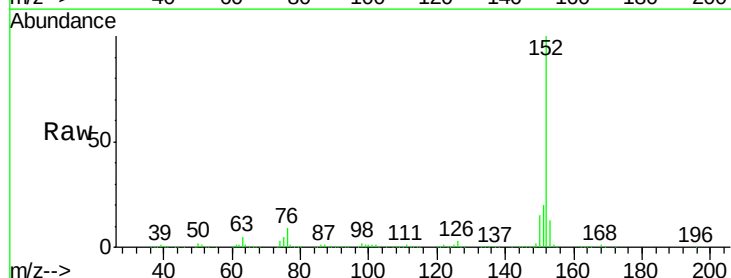
Tgt Ion: 152 Resp: 1553233

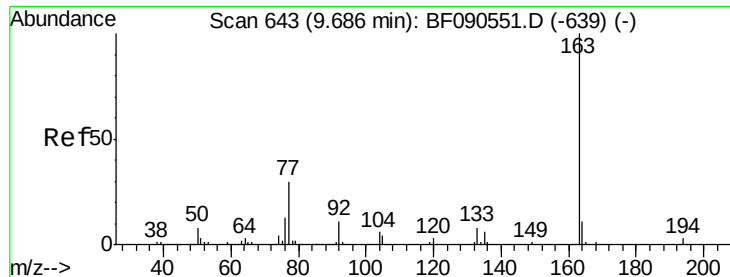
Ion Ratio Lower Upper

152 100

151 20.3 16.6 25.0

153 13.0 11.3 16.9





#49

Dimethylphthalate

Concen: 39.97 ng

RT: 9.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

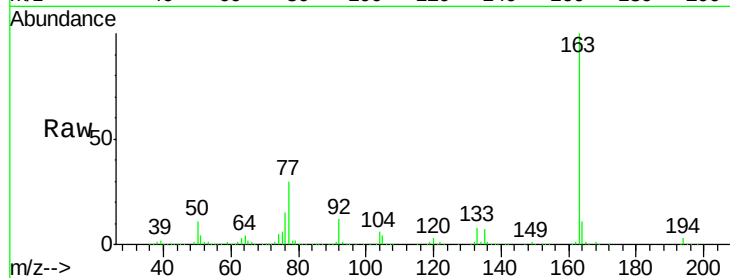
Tgt Ion:163 Resp: 1146718

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

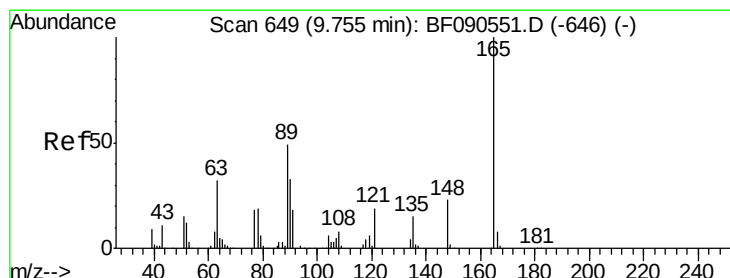
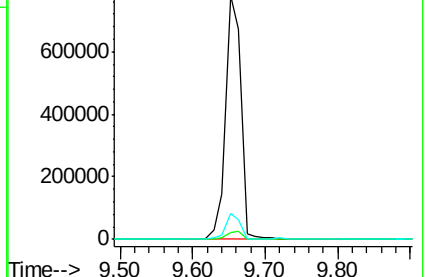
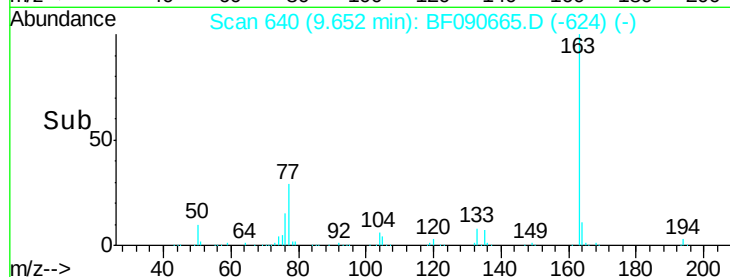
164 10.8 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.97 ng

RT: 9.72 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

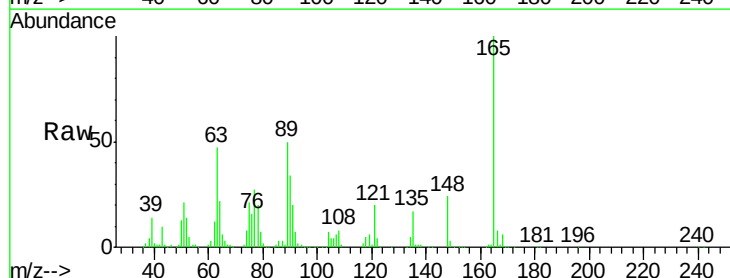
Tgt Ion:165 Resp: 282313

Ion Ratio Lower Upper

165 100

63 47.1 40.1 60.1

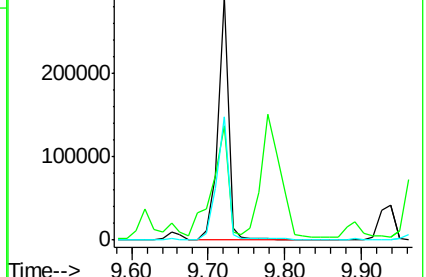
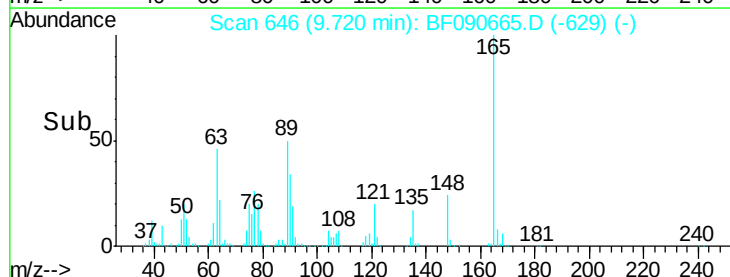
89 50.4 39.5 59.3

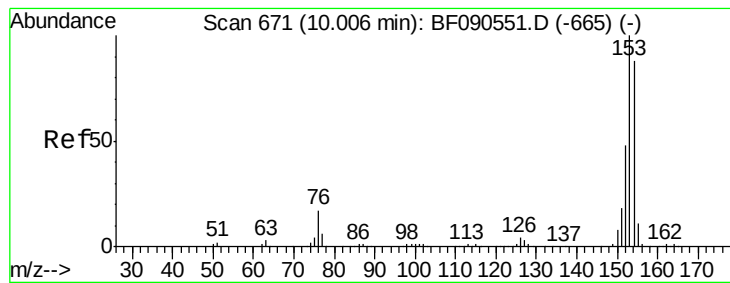


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.38 ng

RT: 9.97 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

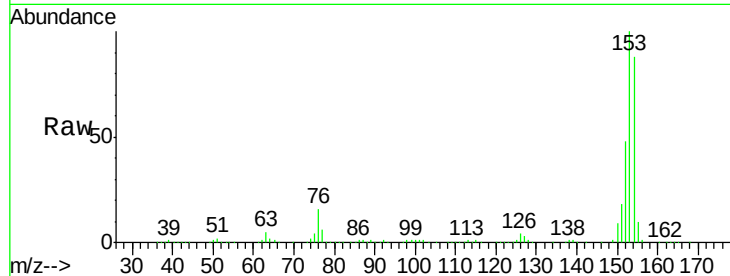
Tgt Ion:154 Resp: 992408

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

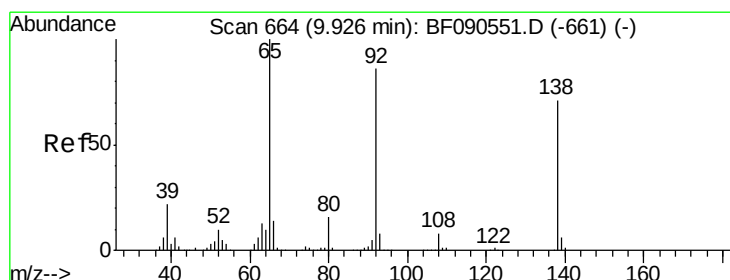
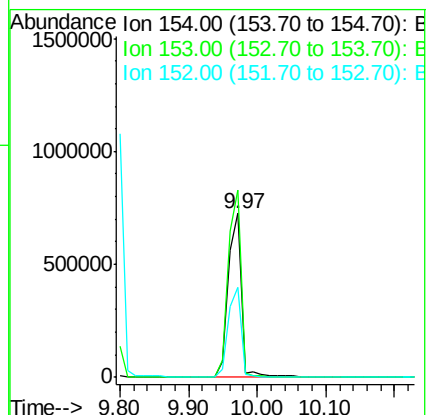
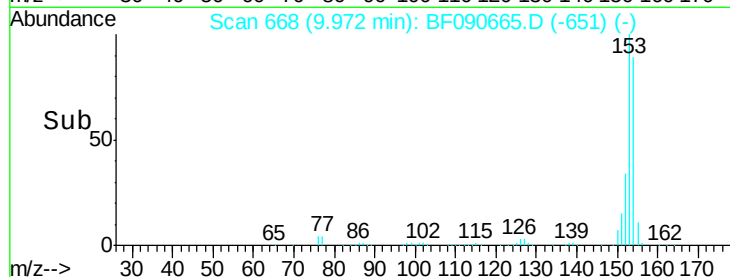
152 54.7 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.28 ng

RT: 9.89 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

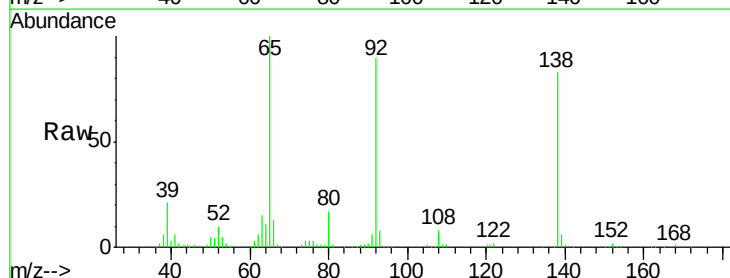
Tgt Ion:138 Resp: 199110

Ion Ratio Lower Upper

138 100

108 9.5 8.6 12.8

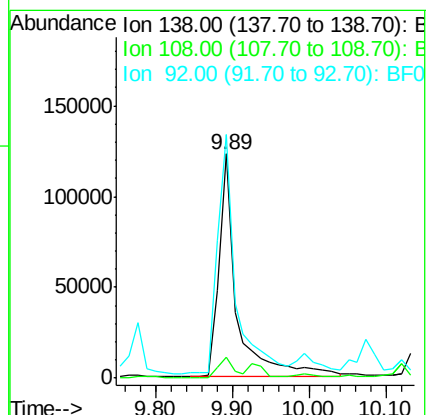
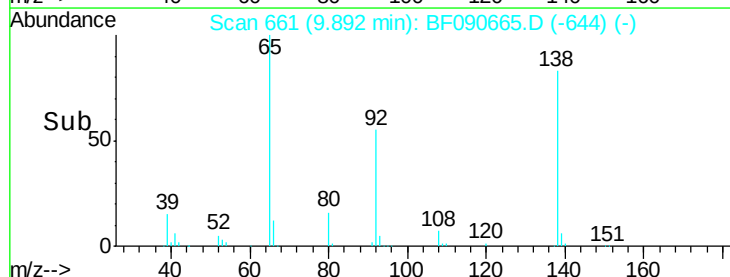
92 108.7 97.8 146.8

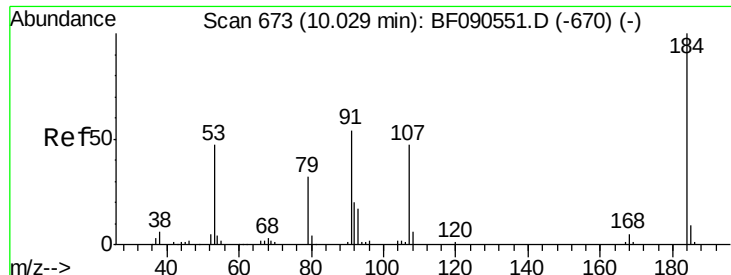


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

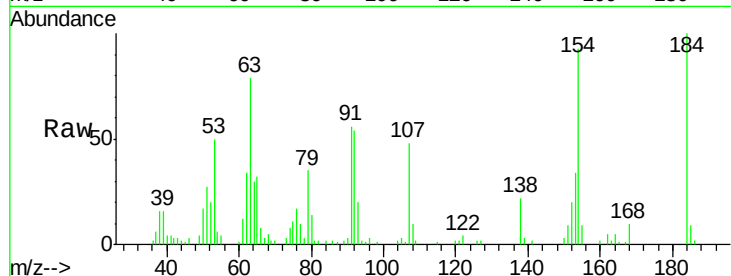




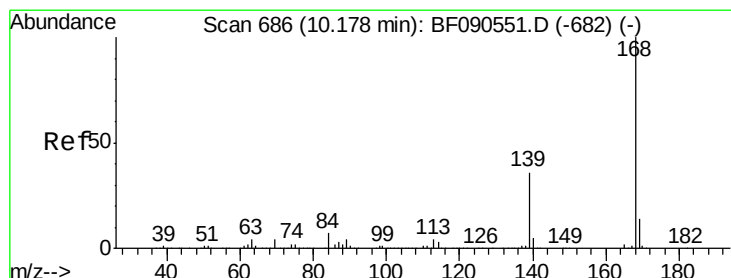
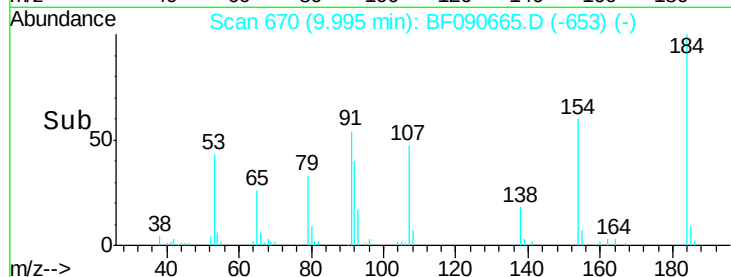
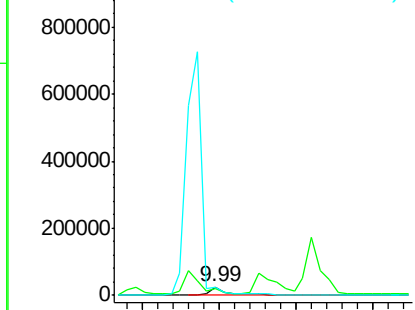
#53
2,4-Dinitrophenol
Concen: 18.58 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Instrument :
BNA_F
ClientSampled :
PB94148BS

Tgt Ion:184 Resp: 47355
Ion Ratio Lower Upper
184 100
63 79.0 60.2 90.2
154 92.9 86.1 129.1

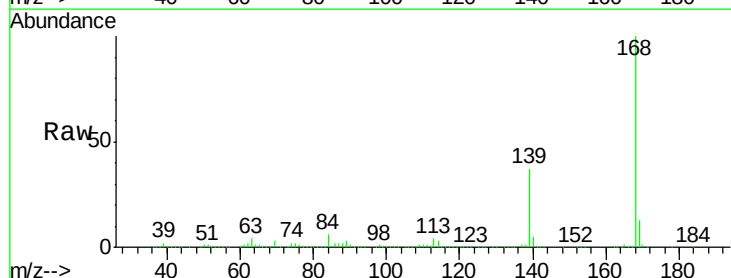


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

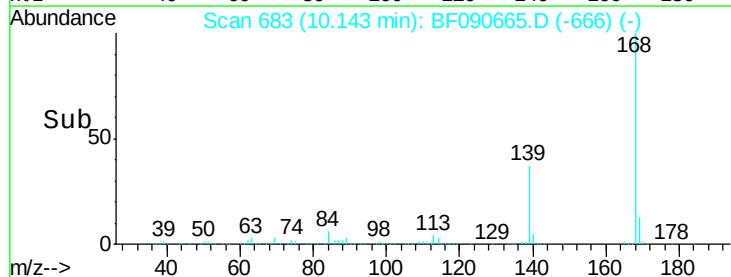
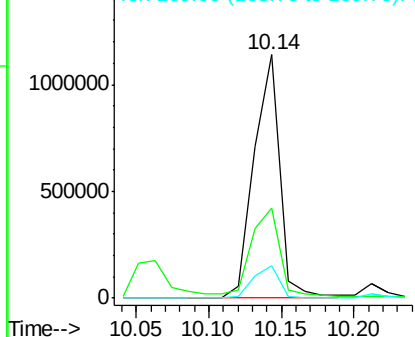


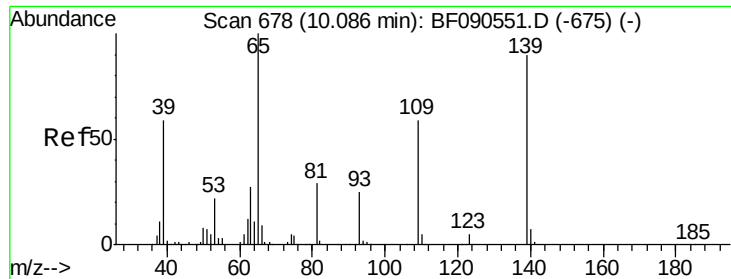
#54
Dibenzofuran
Concen: 40.07 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion:168 Resp: 1399451
Ion Ratio Lower Upper
168 100
139 36.9 30.5 45.7
169 13.5 10.9 16.3



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

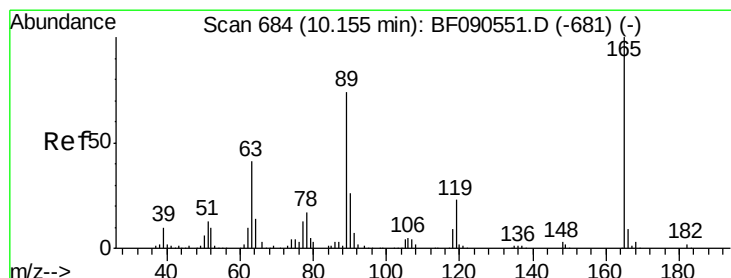
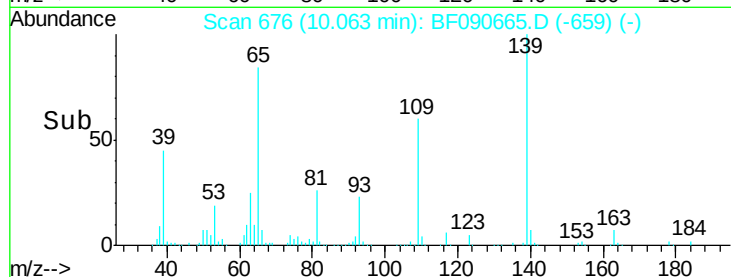
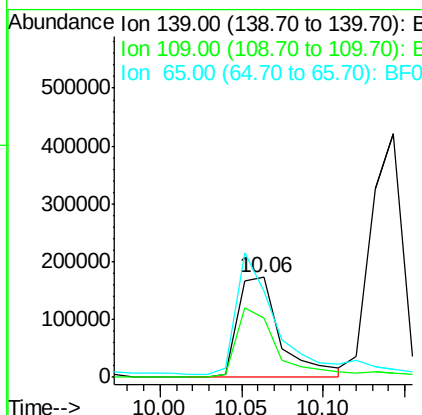
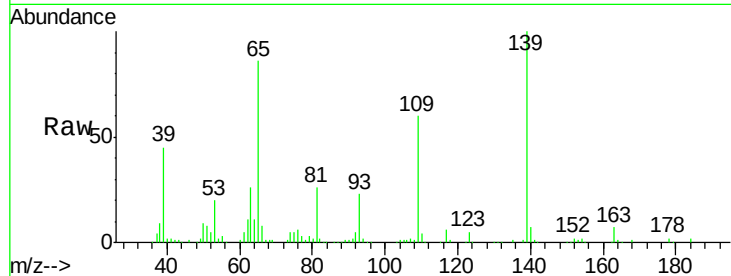




#55
4-Nitrophenol
Concen: 66.16 ng
RT: 10.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

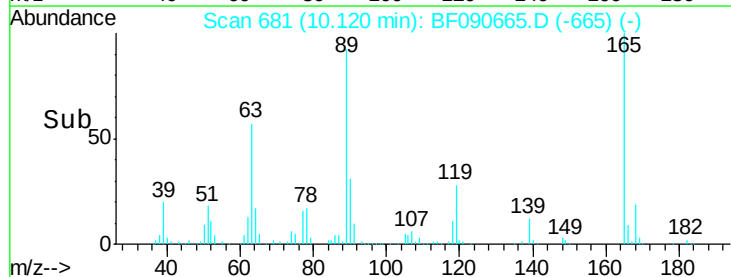
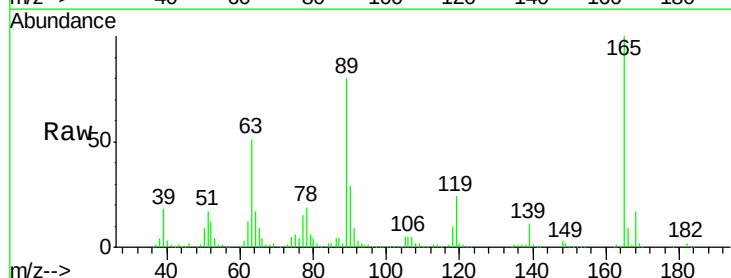
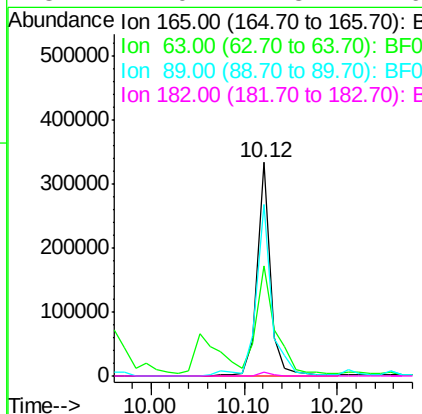
Instrument :
BNA_F
ClientSampled :
PB94148BS

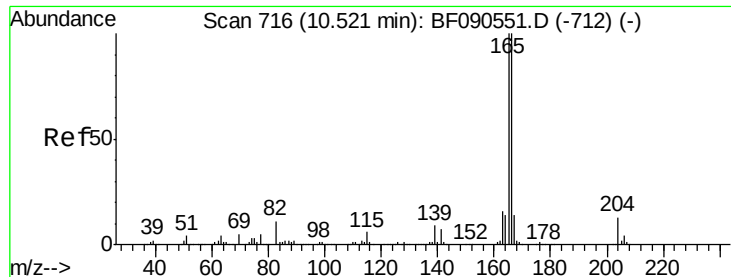
Tgt Ion:139 Resp: 313631
Ion Ratio Lower Upper
139 100
109 59.9 45.9 85.9
65 85.8 95.8 135.8#



#56
2,4-Dinitrotoluene
Concen: 38.97 ng
RT: 10.12 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion:165 Resp: 332234
Ion Ratio Lower Upper
165 100
63 51.4 35.4 53.0
89 80.4 59.0 88.4
182 2.0 1.8 2.6





#57

Fluorene

Concen: 39.59 ng

RT: 10.49 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

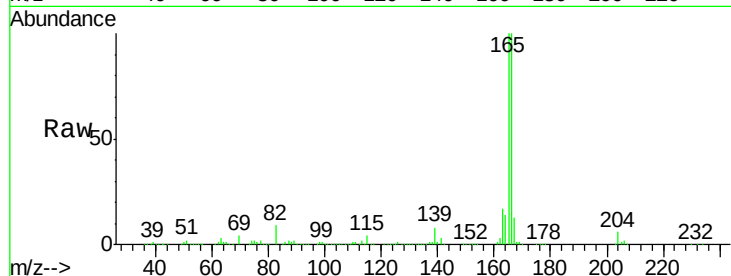
Tgt Ion:166 Resp: 1140745

Ion Ratio Lower Upper

166 100

165 99.6 79.9 119.9

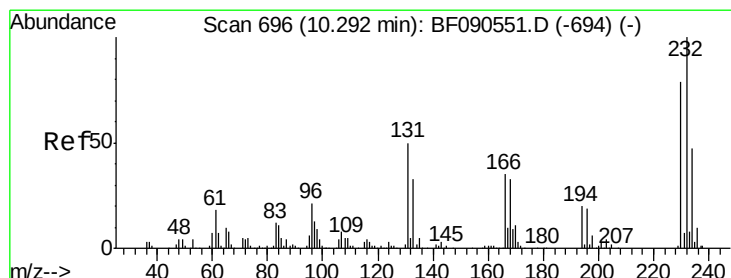
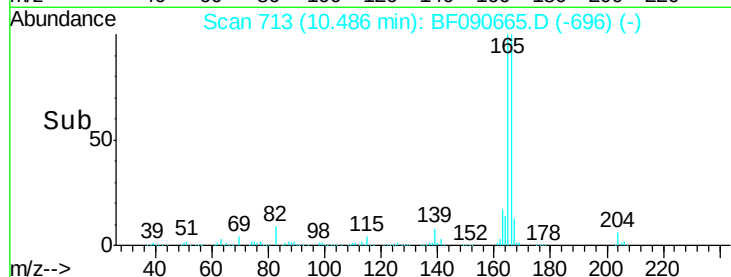
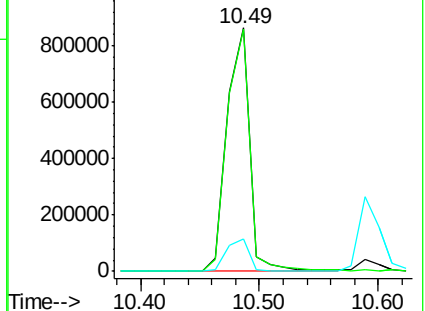
167 13.4 10.9 16.3



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: 38.14 ng

RT: 10.26 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion:232 Resp: 250592

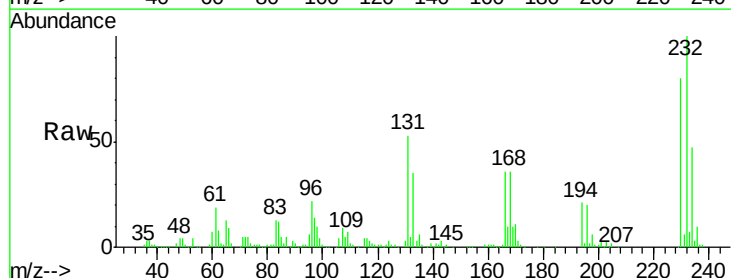
Ion Ratio Lower Upper

232 100

131 52.3 42.6 64.0

130 2.5 1.8 2.8

166 33.6 27.5 41.3

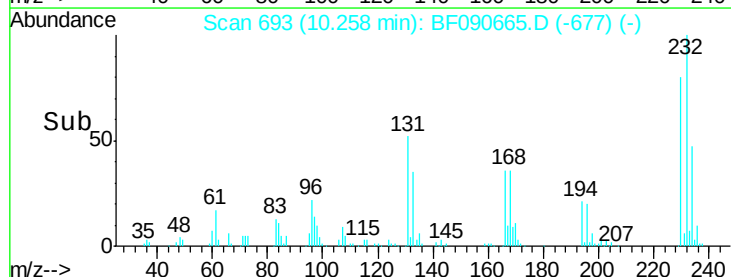
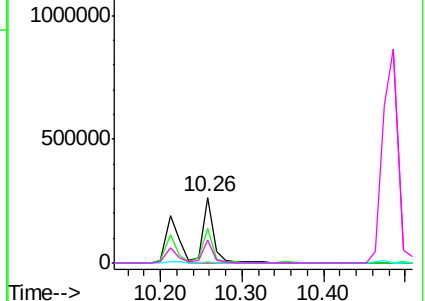


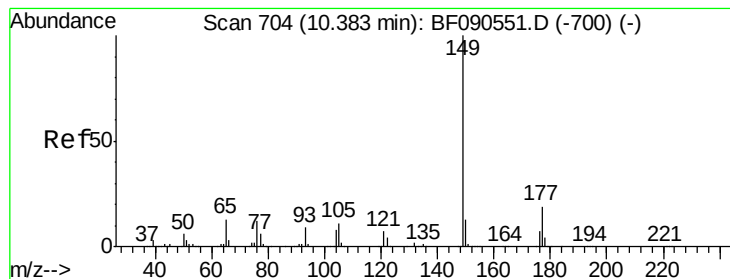
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.61 ng

RT: 10.36 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

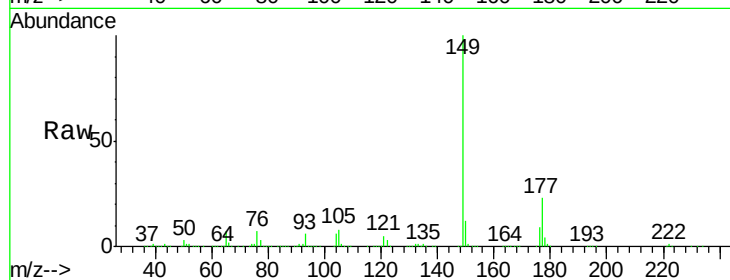
Tgt Ion:149 Resp: 1268675

Ion Ratio Lower Upper

149 100

177 23.4 15.3 22.9#

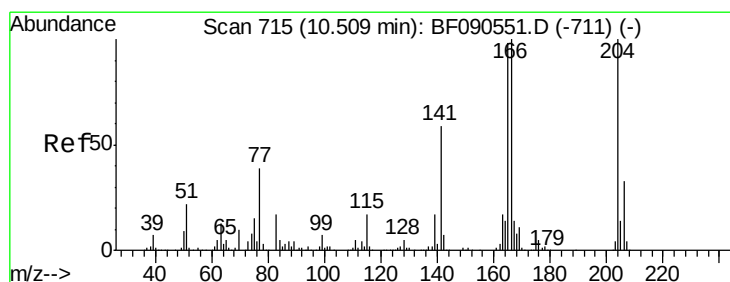
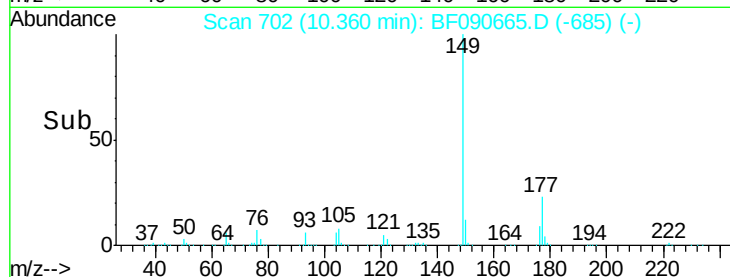
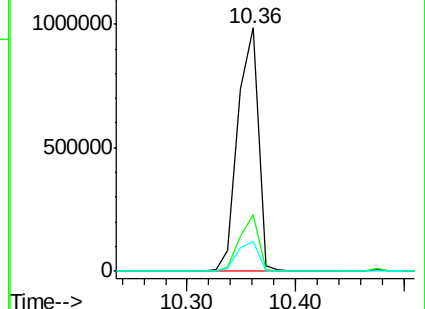
150 12.3 10.3 15.5



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: 41.41 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

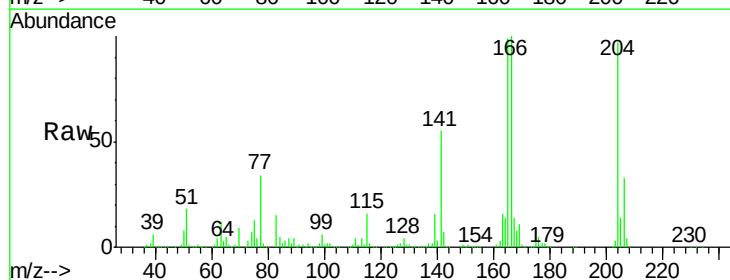
Tgt Ion:204 Resp: 562341

Ion Ratio Lower Upper

204 100

206 33.8 26.5 39.7

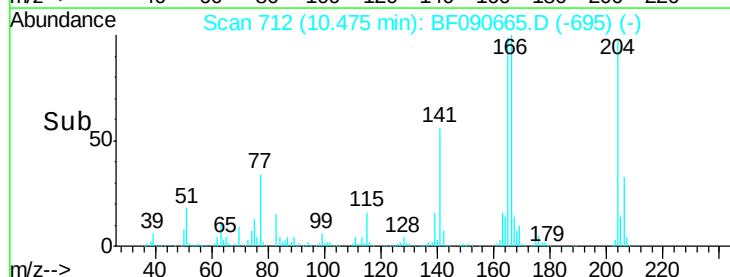
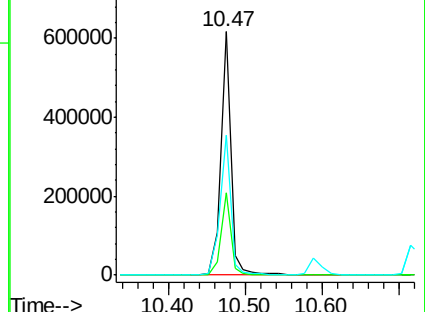
141 57.2 47.2 70.8

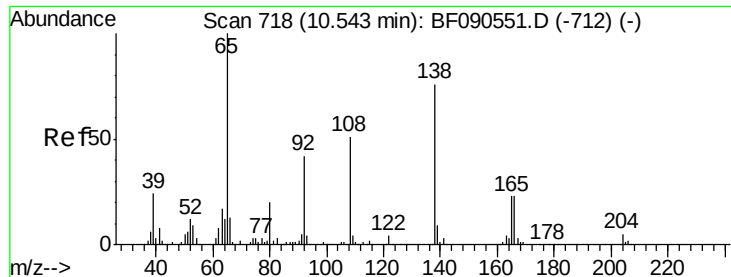


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.73 ng

RT: 10.51 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

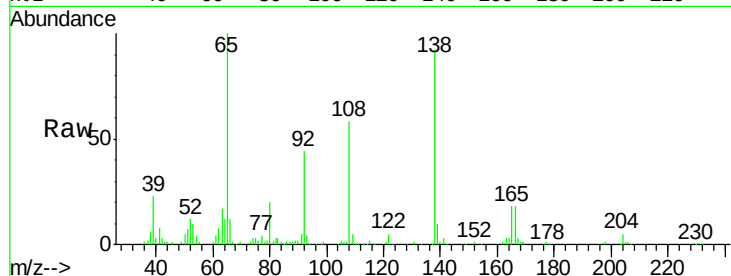
Tgt Ion:138 Resp: 258522

Ion Ratio Lower Upper

138 100

92 48.4 35.7 75.7

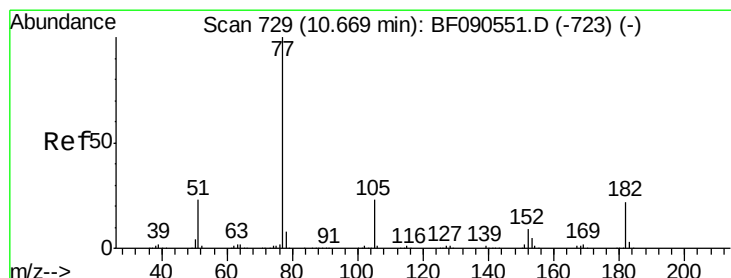
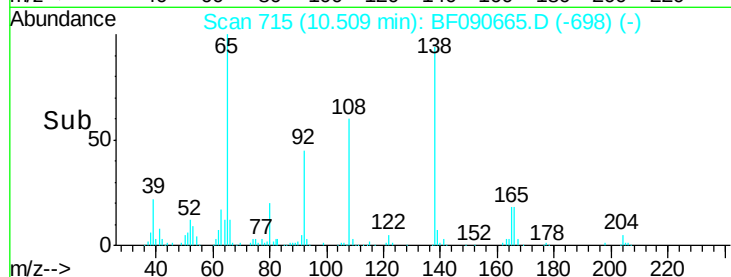
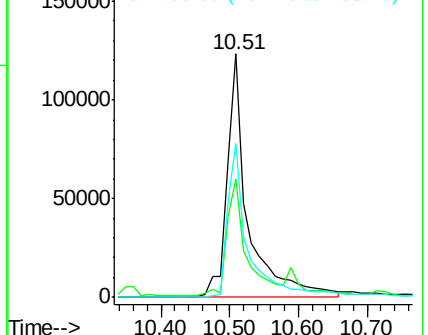
108 63.5 46.9 86.9



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: 42.27 ng

RT: 10.63 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Tgt Ion: 77 Resp: 1422473

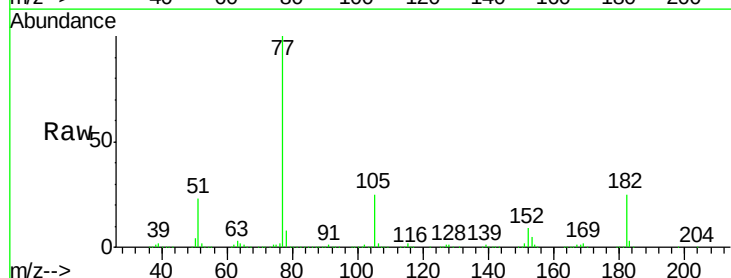
Ion Ratio Lower Upper

77 100

182 24.8 2.2 42.2

105 25.1 3.5 43.5

51 23.3 3.7 43.7

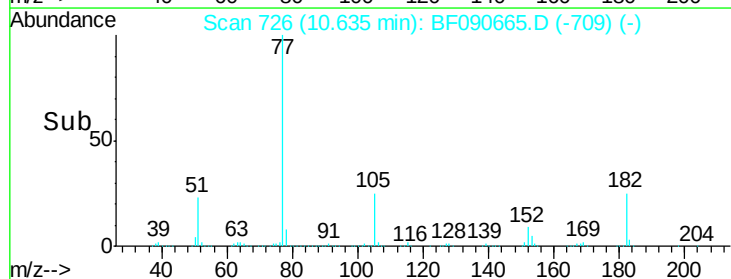
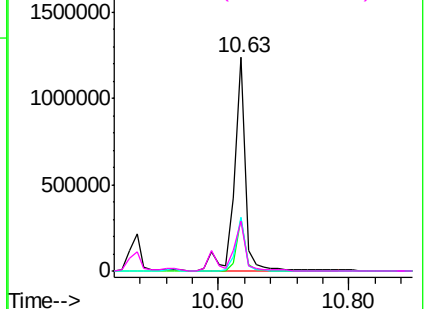


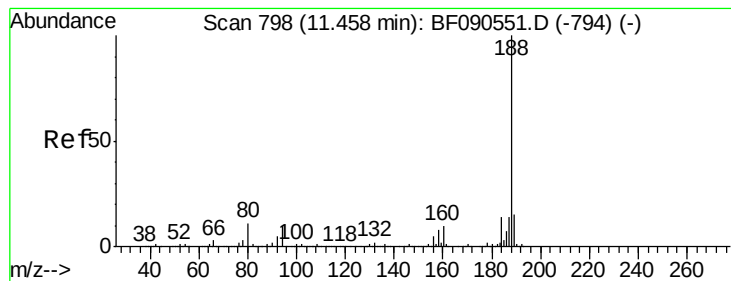
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

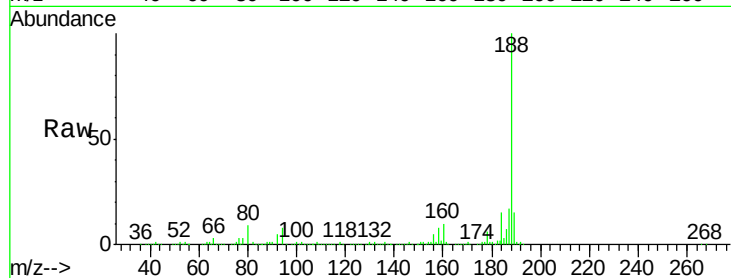
Tgt Ion:188 Resp: 659575

Ion Ratio Lower Upper

188 100

94 8.4 7.7 11.5

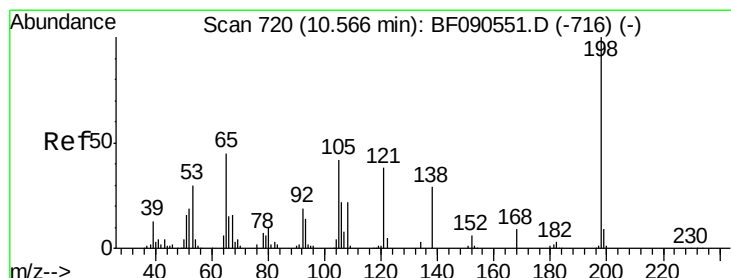
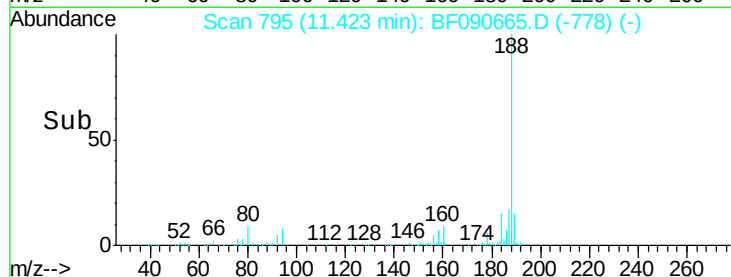
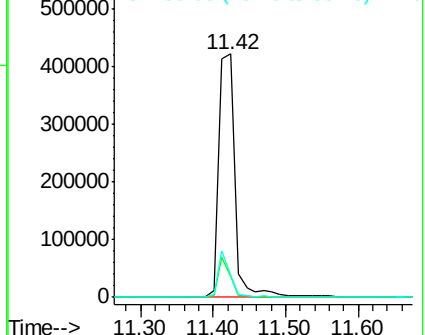
80 9.1 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 10.51 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

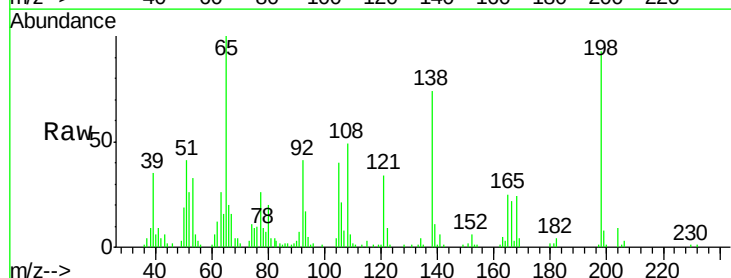
Tgt Ion:198 Resp: 41973

Ion Ratio Lower Upper

198 100

51 44.3 19.7 59.7

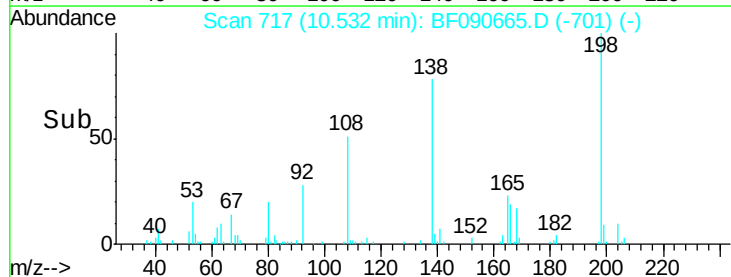
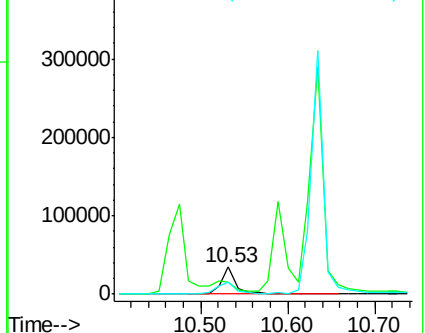
105 42.9 22.6 62.6

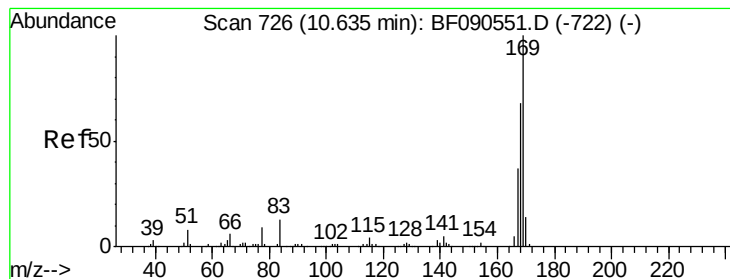


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.26 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

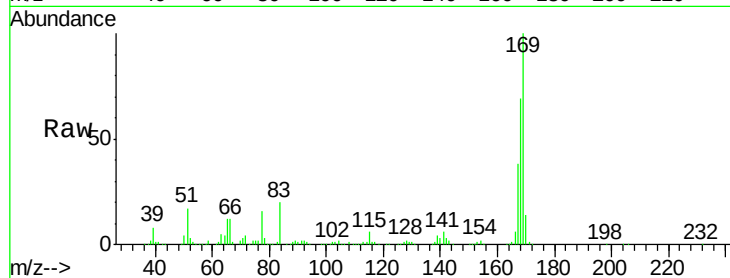
Tgt Ion:169 Resp: 898855

Ion Ratio Lower Upper

169 100

168 68.9 54.6 81.8

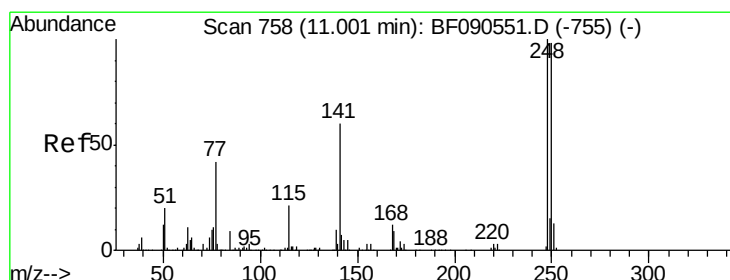
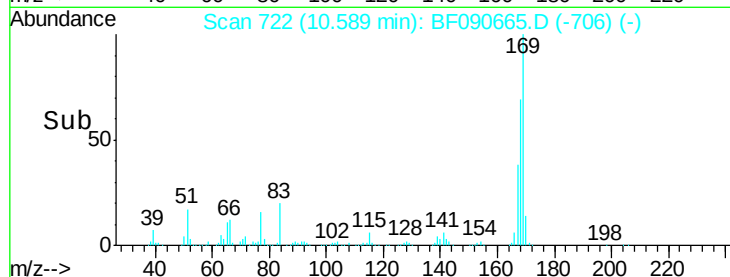
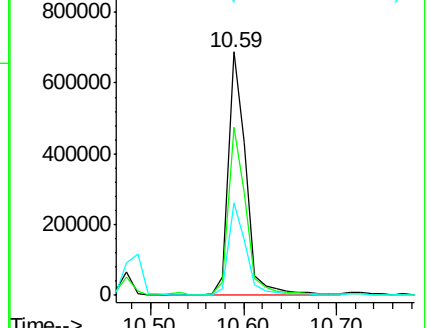
167 38.3 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.43 ng

RT: 10.97 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

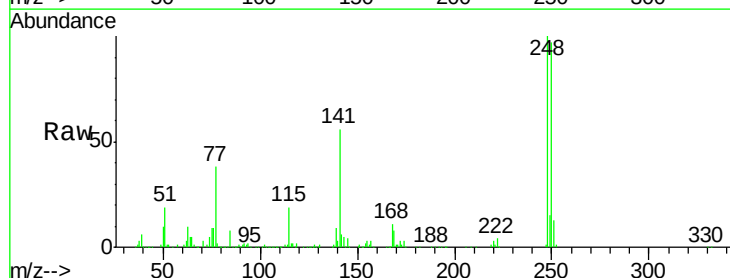
Tgt Ion:248 Resp: 307404

Ion Ratio Lower Upper

248 100

250 97.0 78.4 117.6

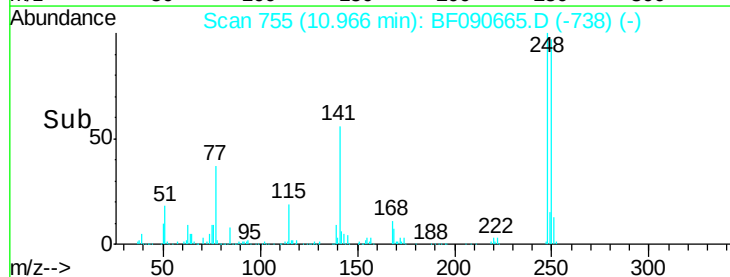
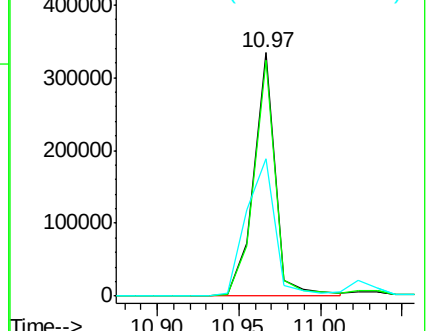
141 56.5 48.4 72.6

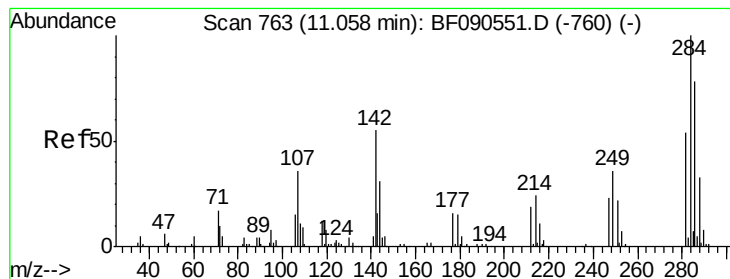


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.89 ng

RT: 11.03 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

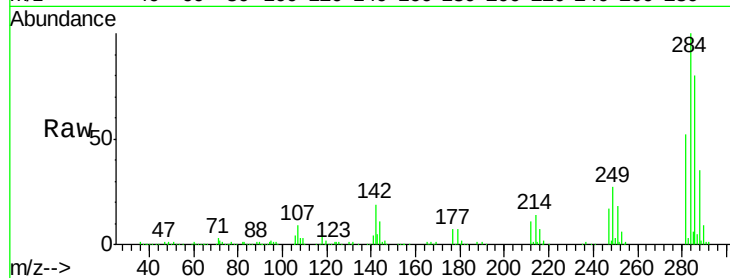
Tgt Ion:284 Resp: 329571

Ion Ratio Lower Upper

284 100

142 18.8 44.5 66.7#

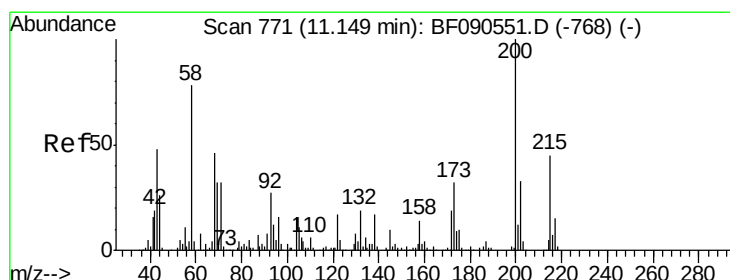
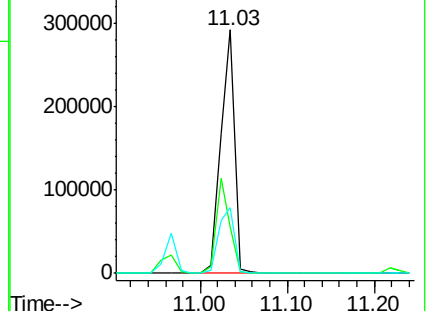
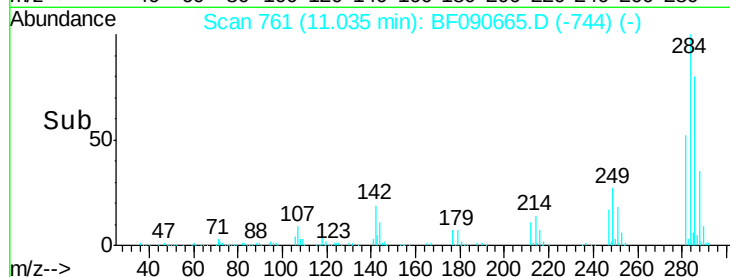
249 26.9 29.6 44.4#



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: 48.62 ng

RT: 11.13 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

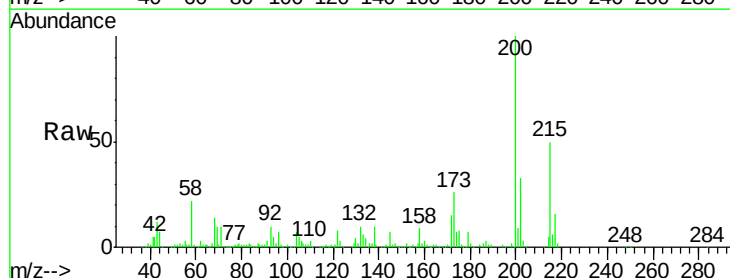
Tgt Ion:200 Resp: 292964

Ion Ratio Lower Upper

200 100

173 25.5 12.0 52.0

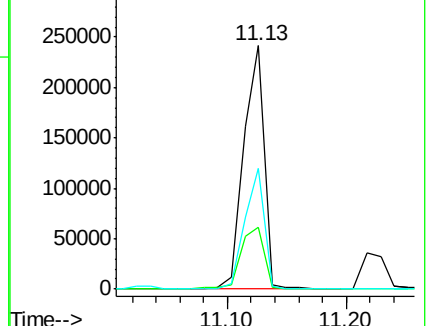
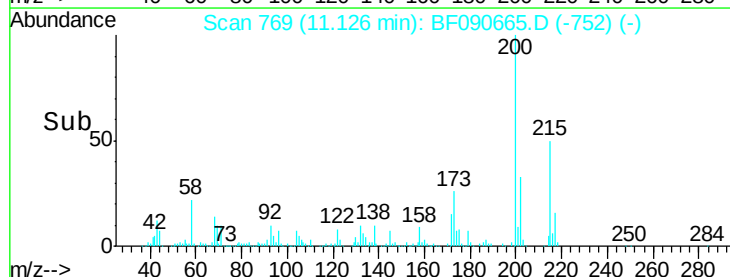
215 49.8 25.2 65.2

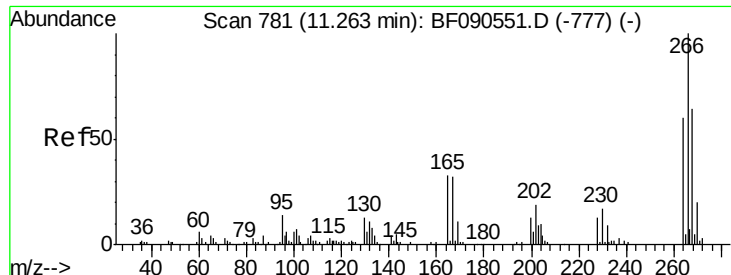


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

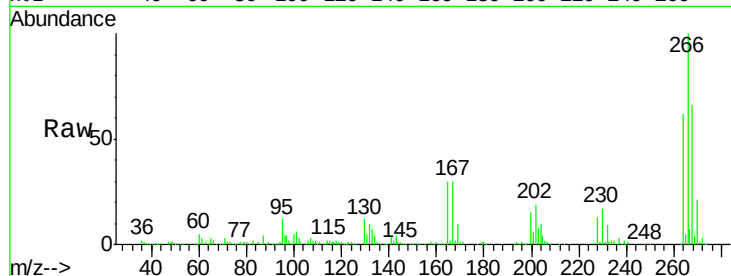




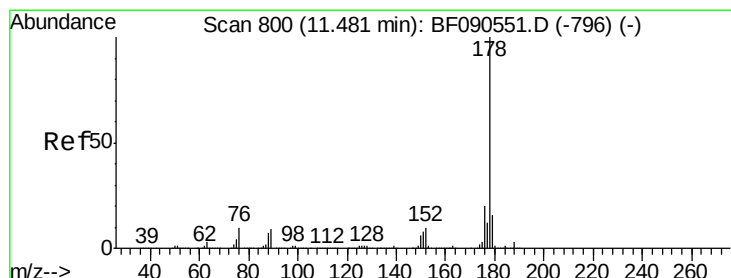
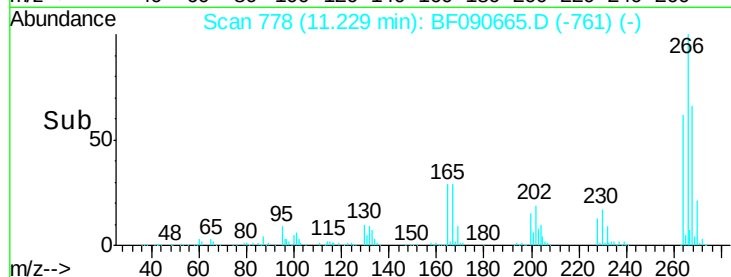
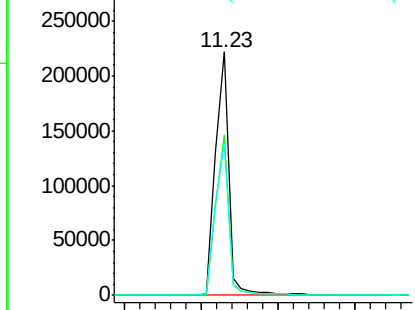
#69
 Pentachlorophenol
 Concen: 70.72 ng
 RT: 11.23 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:266 Resp: 269335
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.5 77.3
 264 62.2 47.9 71.9

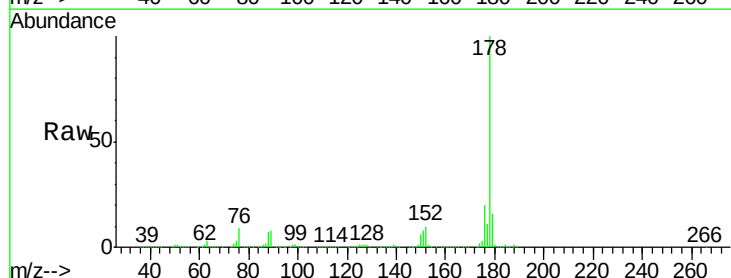


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

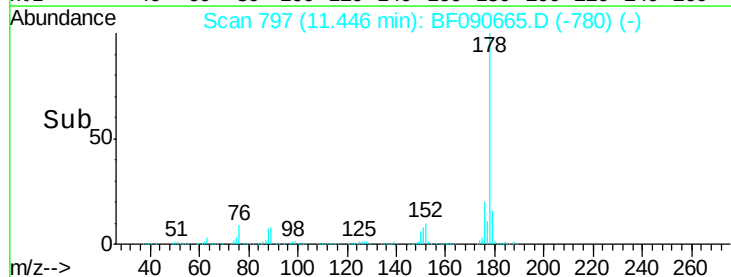
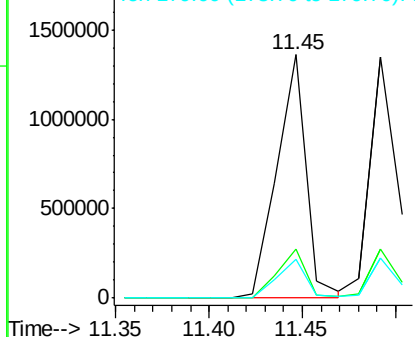


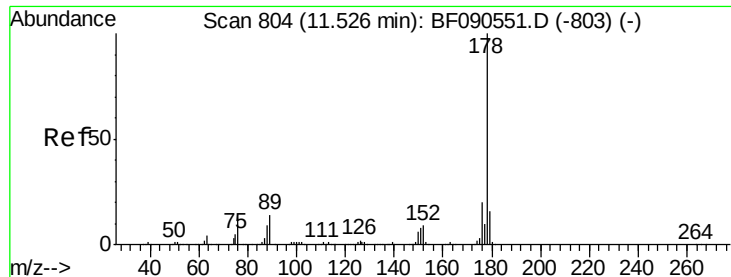
#70
 Phenanthrene
 Concen: 42.09 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:178 Resp: 1481943
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.1 24.1
 179 15.9 12.6 19.0



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

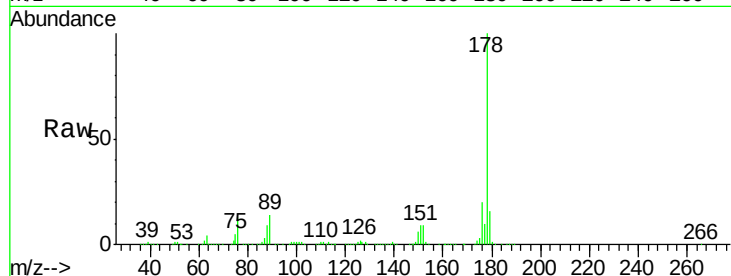




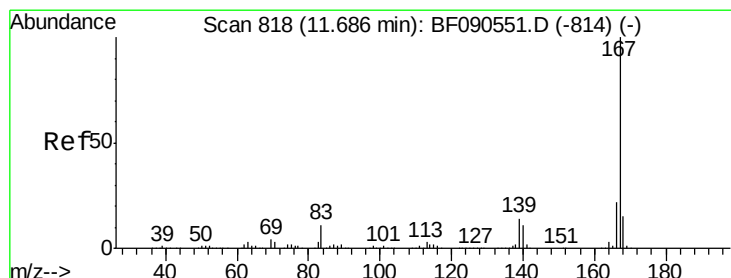
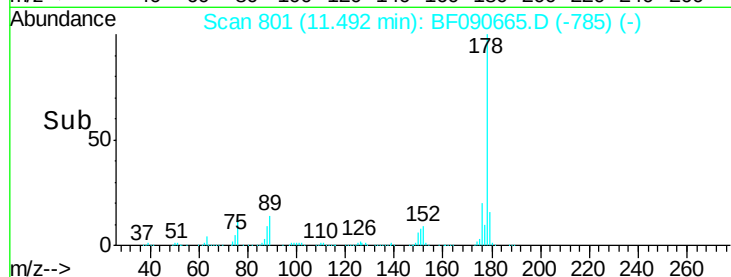
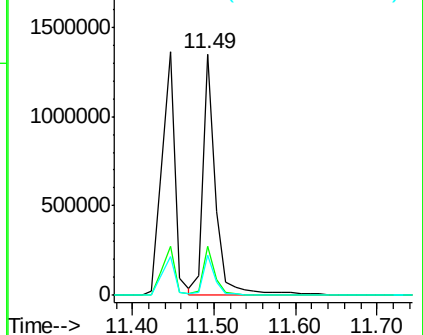
#71
 Anthracene
 Concen: 38.73 ng
 RT: 11.49 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion:178 Resp: 1467639
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.5 23.3
 179 16.5 13.0 19.4

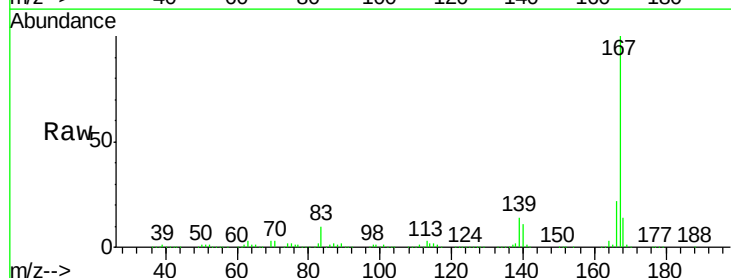


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

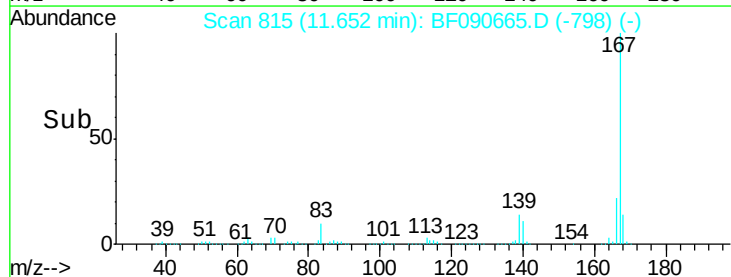
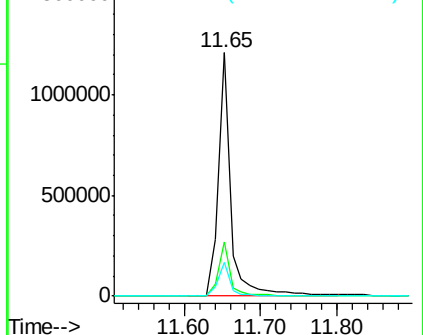


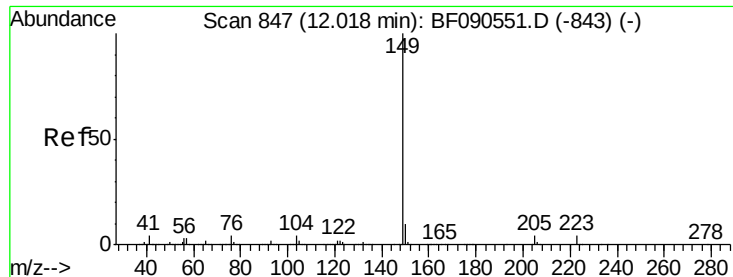
#72
 Carbazole
 Concen: 40.34 ng
 RT: 11.65 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion:167 Resp: 1368326
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 14.0 11.3 16.9



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: 46.42 ng

RT: 11.98 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

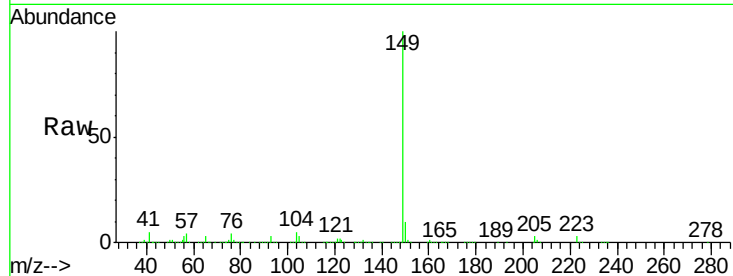
Tgt Ion:149 Resp: 1844680

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

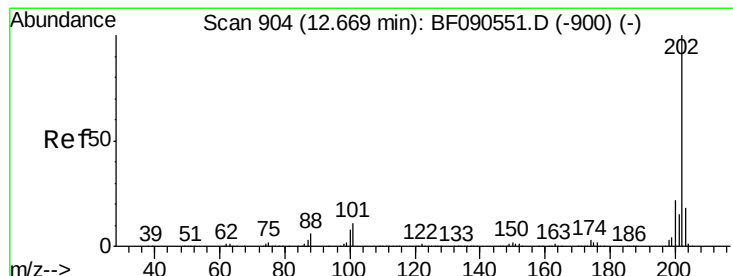
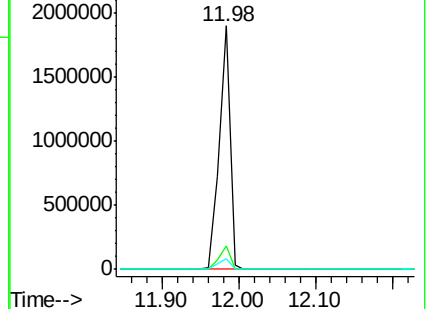
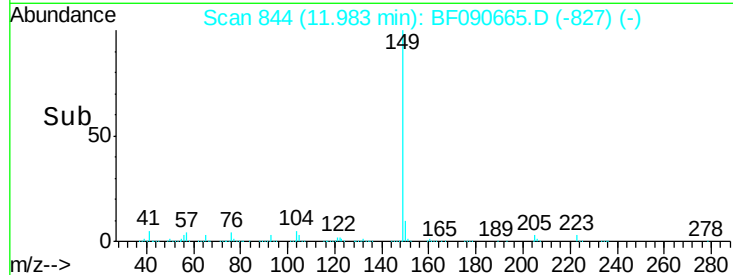
104 4.6 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.84 ng

RT: 12.63 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

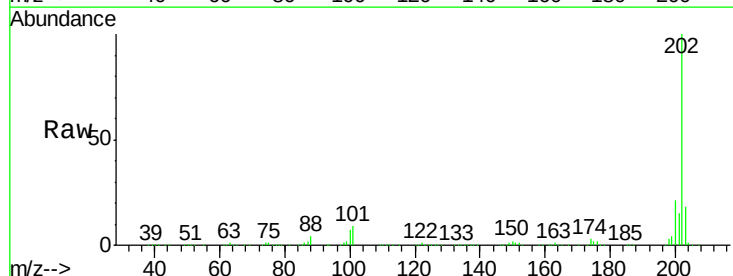
Tgt Ion:202 Resp: 1304724

Ion Ratio Lower Upper

202 100

101 8.6 0.0 31.1

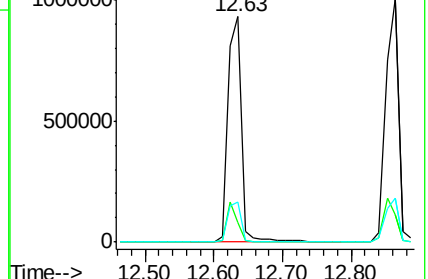
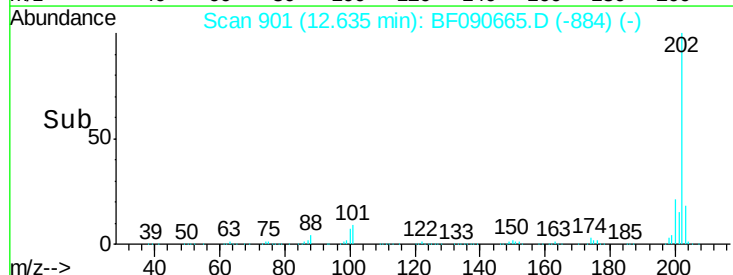
203 17.8 0.0 38.0

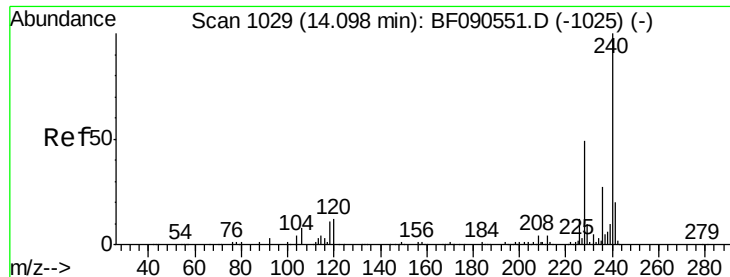


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

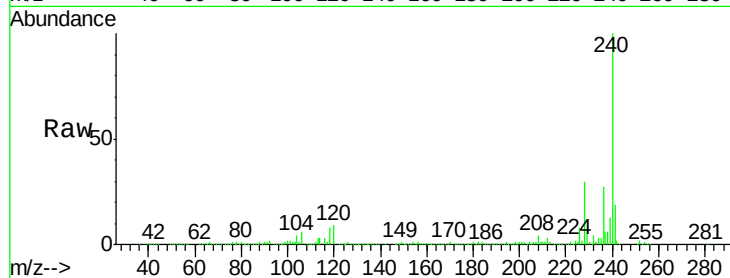
Tgt Ion:240 Resp: 453752

Ion Ratio Lower Upper

240 100

120 8.8 9.8 14.8#

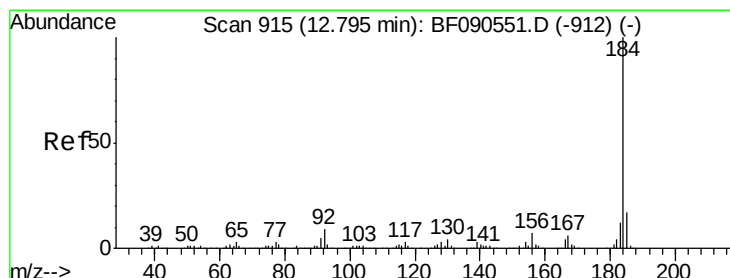
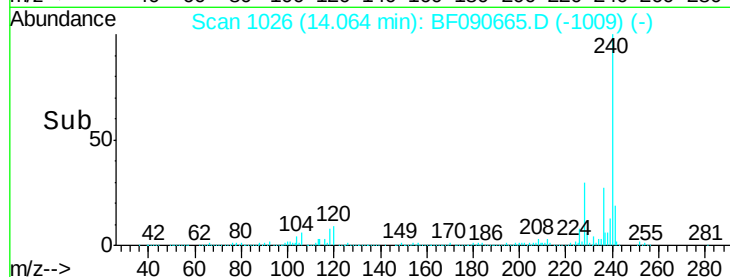
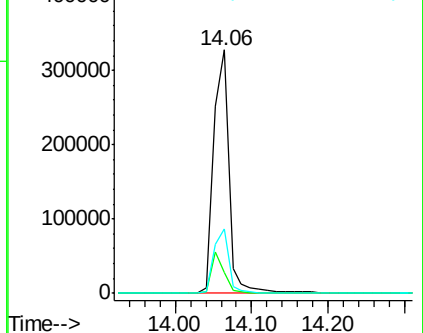
236 26.7 21.7 32.5



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: 24.99 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

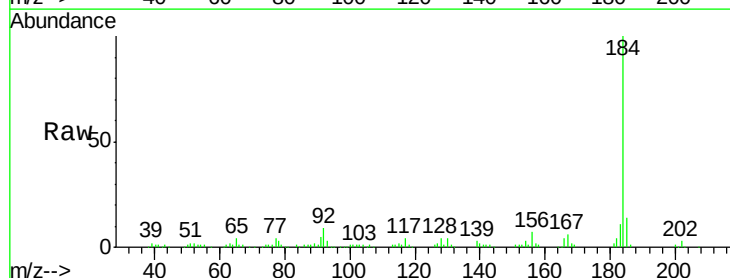
Tgt Ion:184 Resp: 282142

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

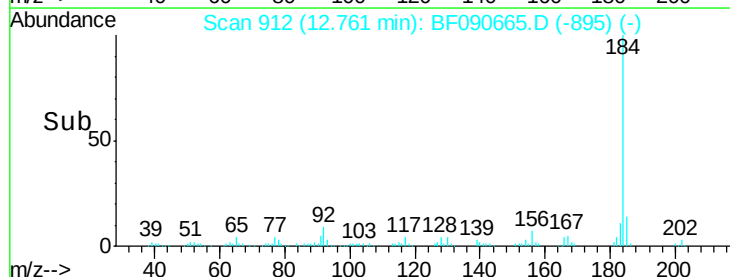
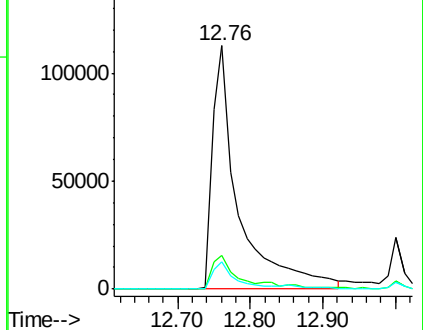
183 11.1 9.4 14.0

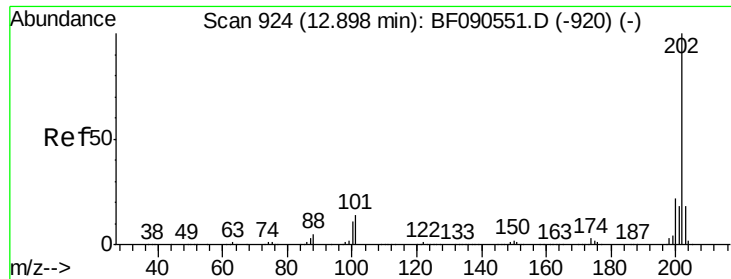


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

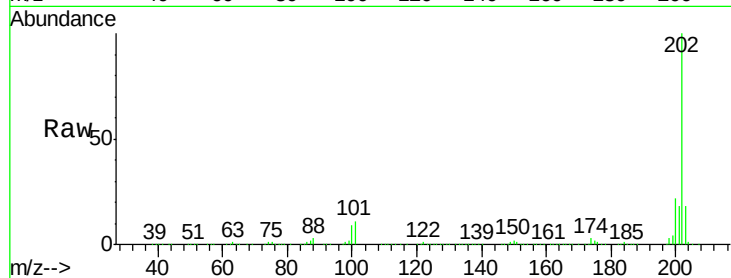




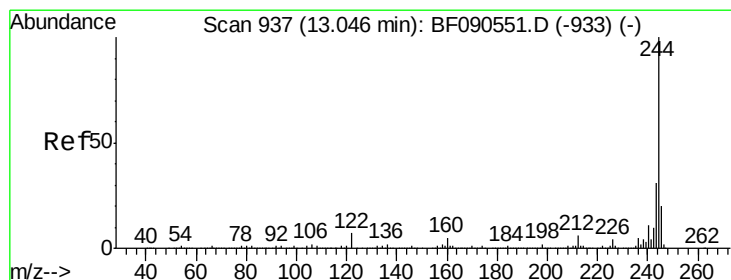
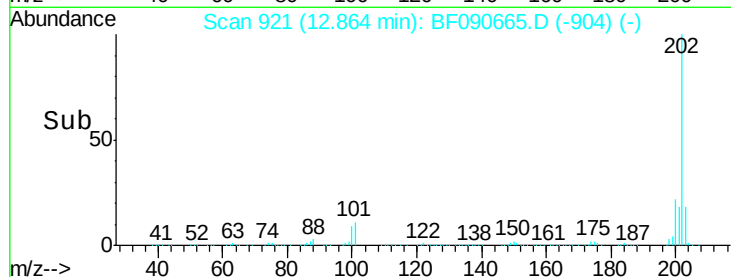
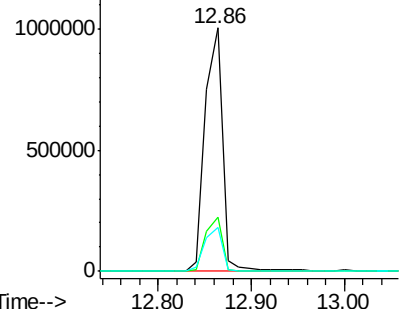
#77
 Pyrene
 Concen: 42.92 ng
 RT: 12.86 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

Tgt Ion: 202 Resp: 1289916
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.8 26.6
 203 17.8 14.6 21.8

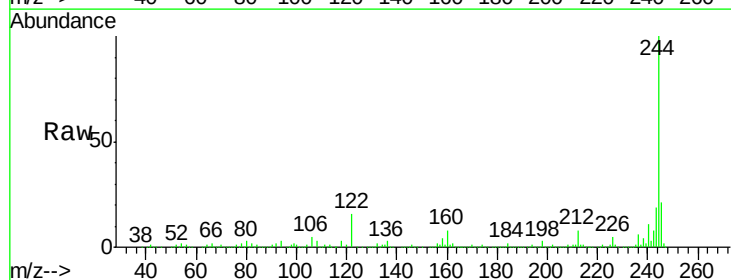


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

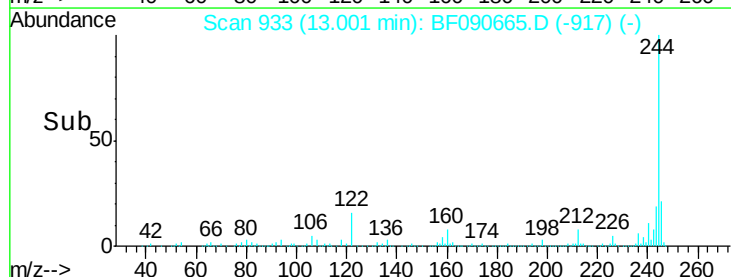
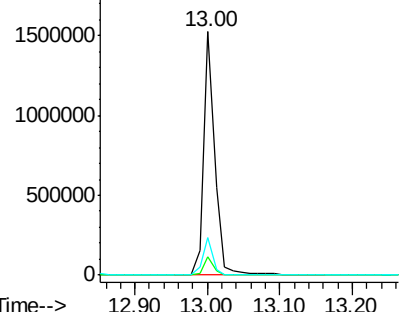


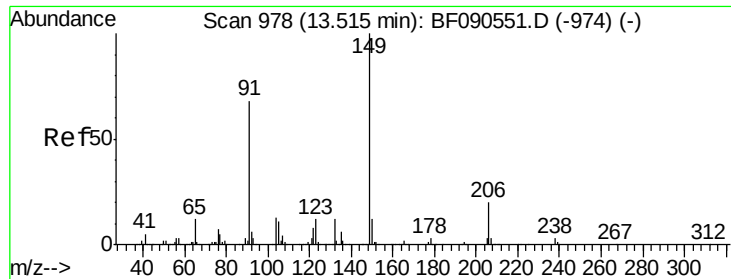
#78
 Terphenyl-d14
 Concen: 84.15 ng
 RT: 13.00 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion: 244 Resp: 1639852
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.0 7.4#
 122 15.5 5.6 8.4#



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

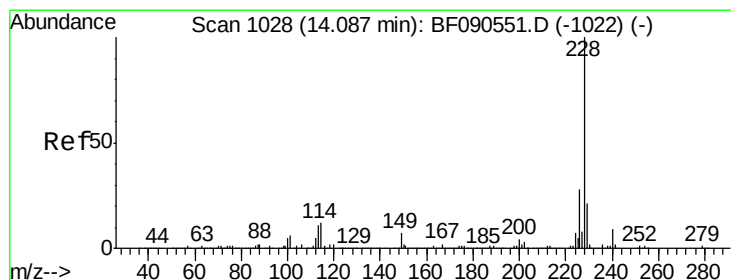
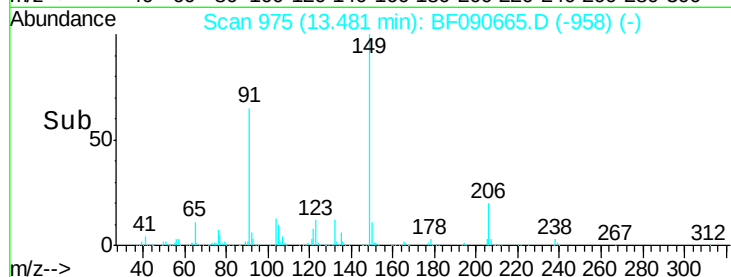
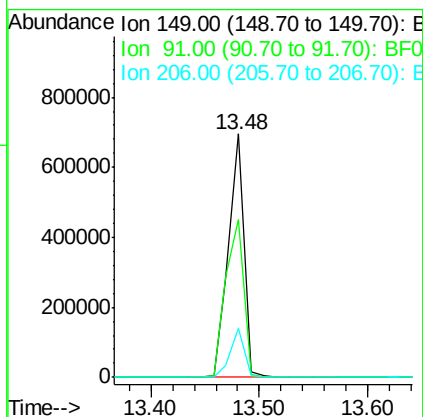
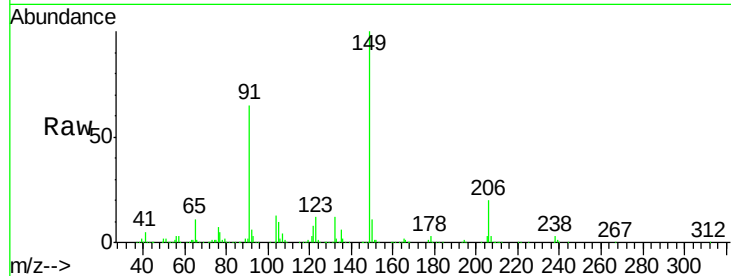




#79
Butylbenzylphthalate
Concen: 52.01 ng
RT: 13.48 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

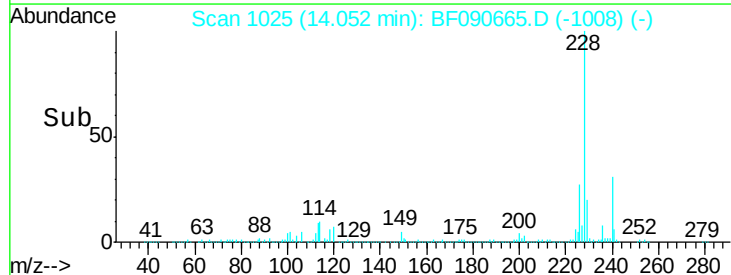
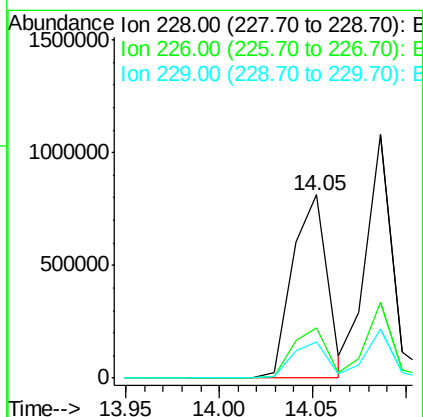
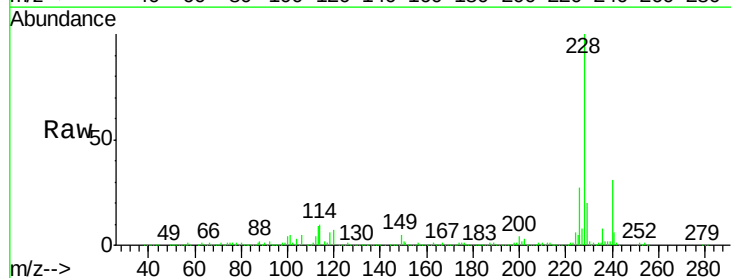
Instrument :
BNA_F
ClientSampleId :
PB94148BS

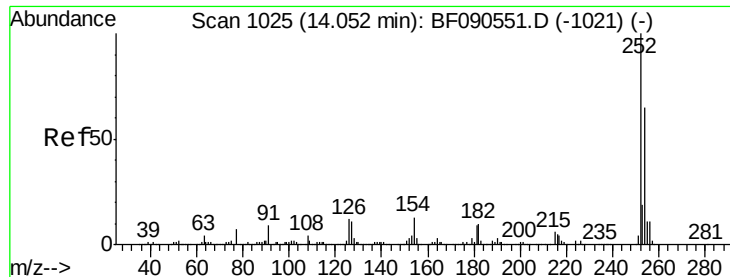
Tgt Ion:149 Resp: 692511
Ion Ratio Lower Upper
149 100
91 64.7 54.3 81.5
206 20.1 15.8 23.6



#80
Benzo(a)anthracene
Concen: 40.91 ng
RT: 14.05 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion:228 Resp: 1056821
Ion Ratio Lower Upper
228 100
226 27.4 22.8 34.2
229 19.8 16.6 25.0

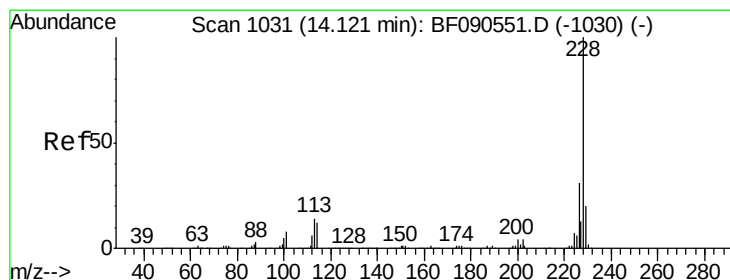
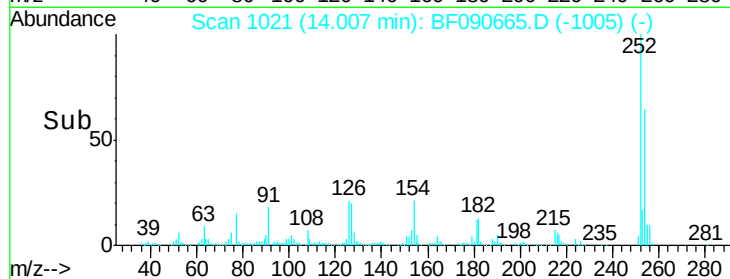
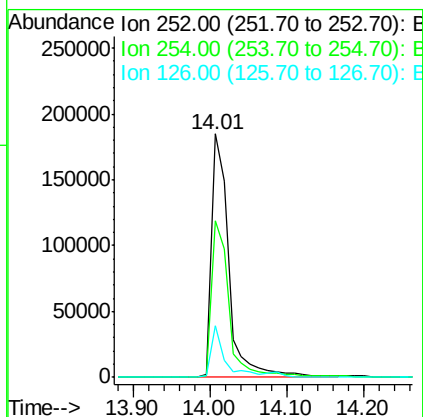
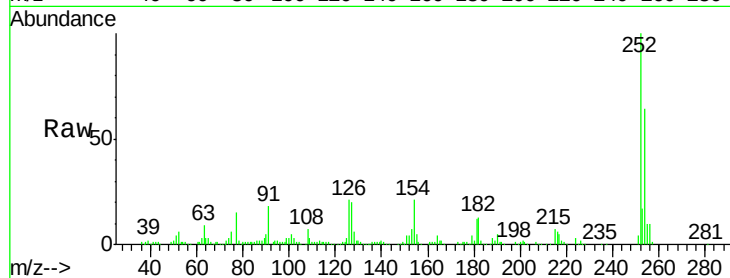




#81
 3,3'-Dichlorobenzidine
 Concen: 32.79 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

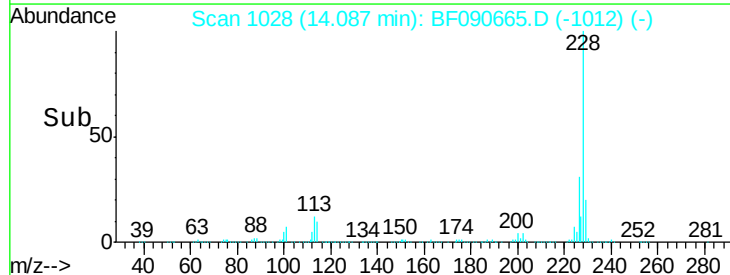
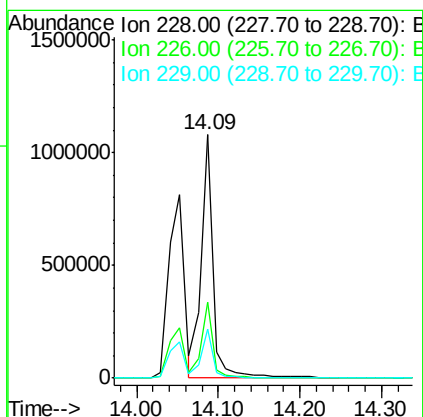
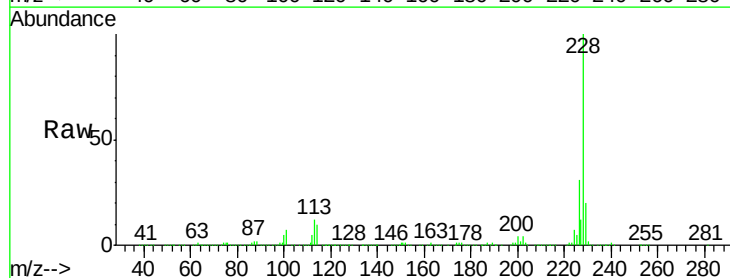
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

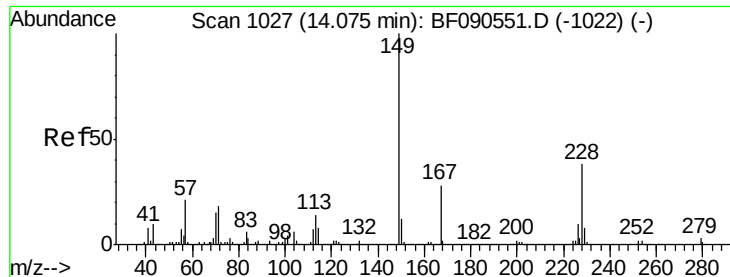
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	21.3	9.3	13.9



#82
 Chrysene
 Concen: 44.36 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.63 ng

RT: 14.04 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

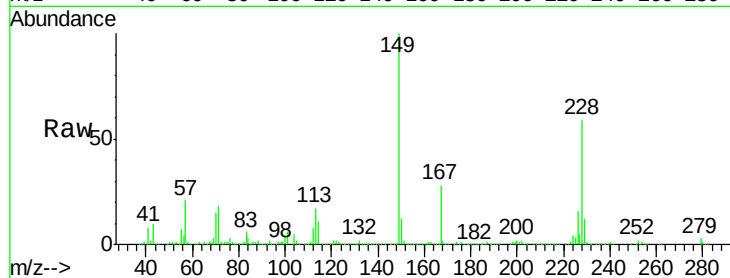
Tgt Ion:149 Resp: 945443

Ion Ratio Lower Upper

149 100

167 27.8 22.1 33.1

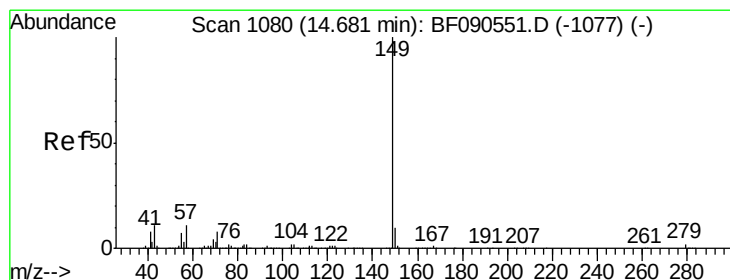
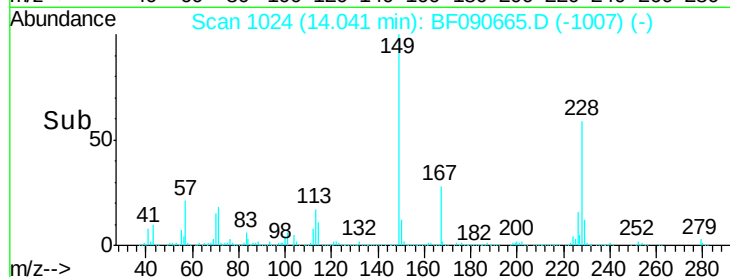
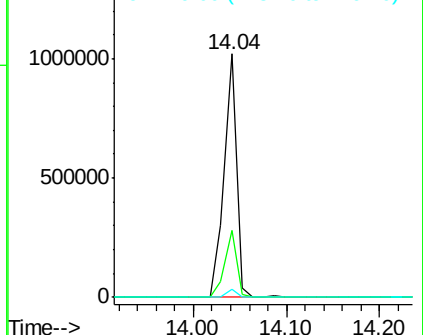
279 3.4 2.6 4.0



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: 55.62 ng

RT: 14.65 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

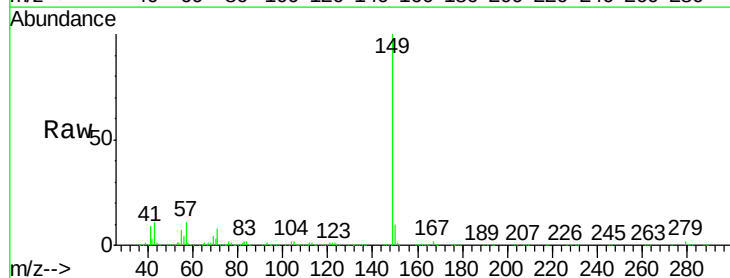
Tgt Ion:149 Resp: 1339700

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

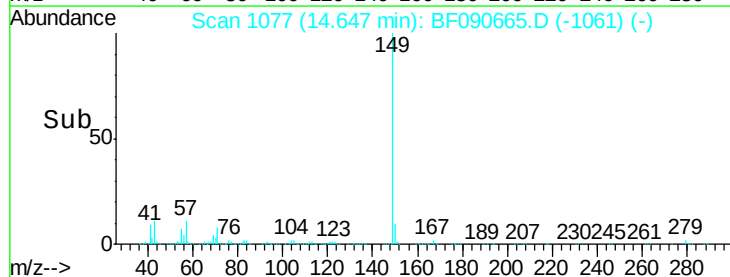
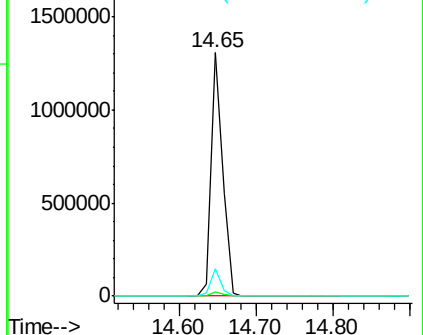
43 9.9 6.7 10.1

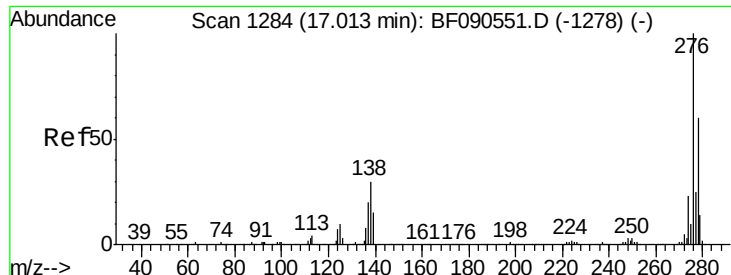


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

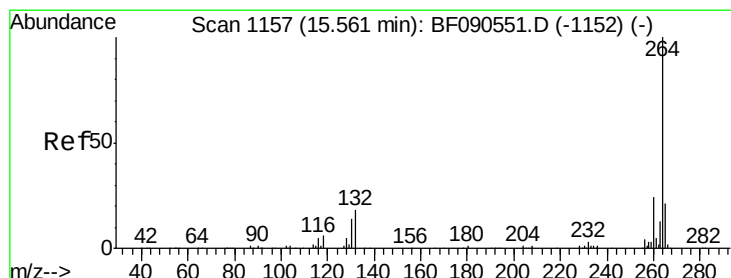
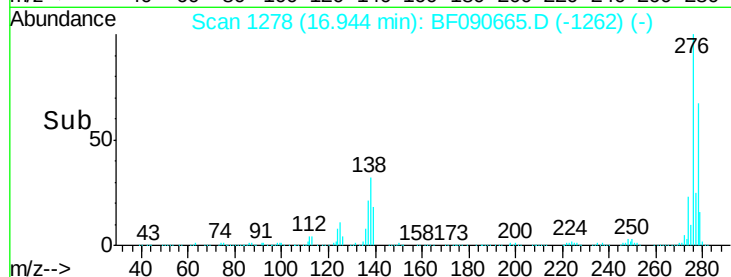
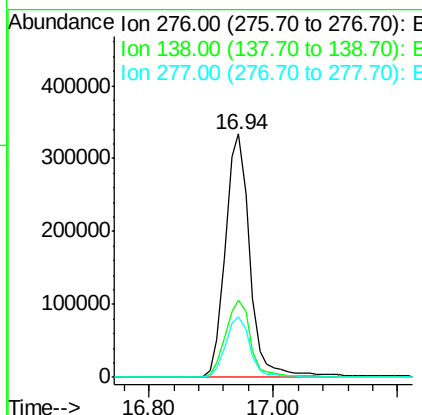
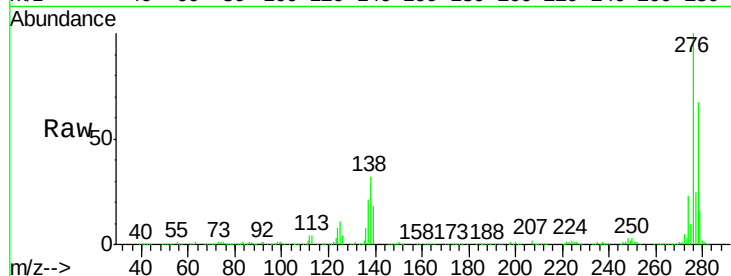




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.72 ng
 RT: 16.94 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

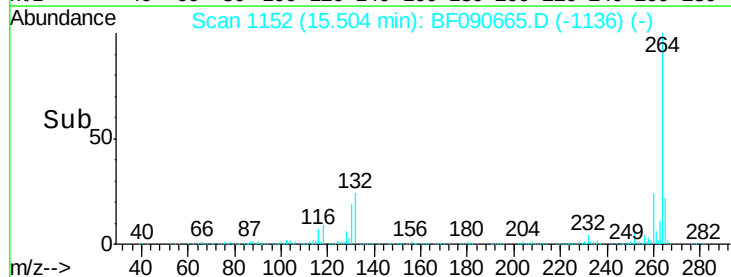
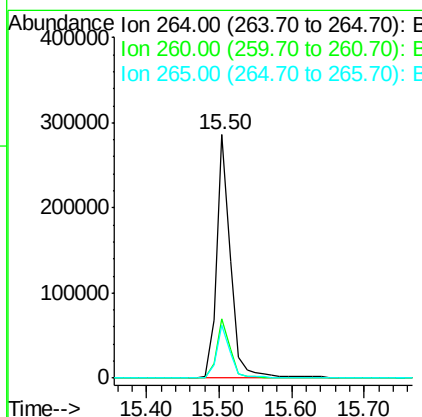
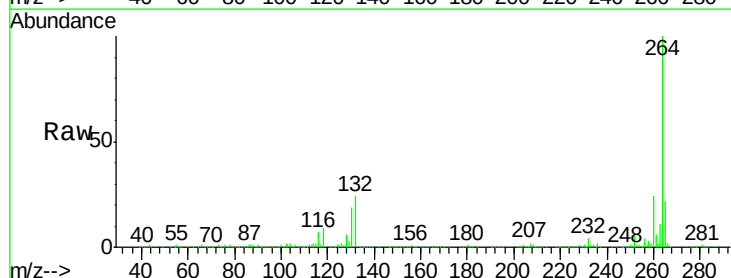
Instrument :
 BNA_F
 ClientSampleId :
 PB94148BS

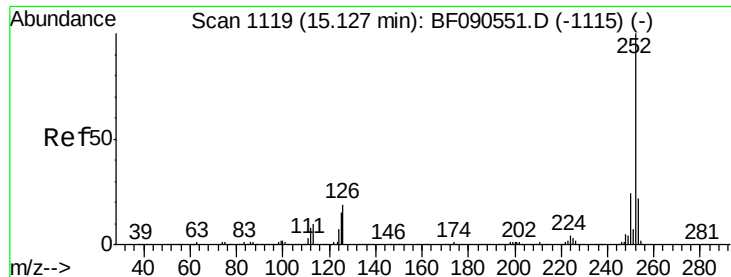
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.8	38.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF090665.D
 Acq: 19 Oct 2016 23:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.8	16.7	25.1





#87

Benzo(b)fluoranthene

Concen: 41.95 ng

RT: 15.09 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

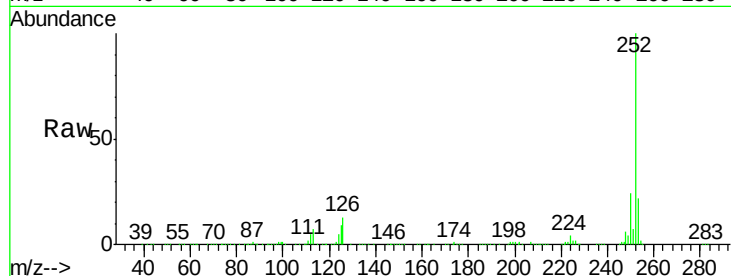
Tgt Ion:252 Resp: 1046820

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

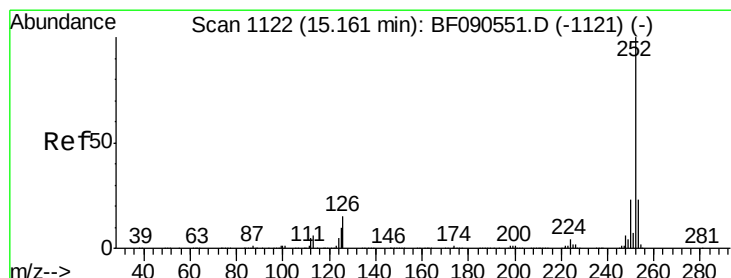
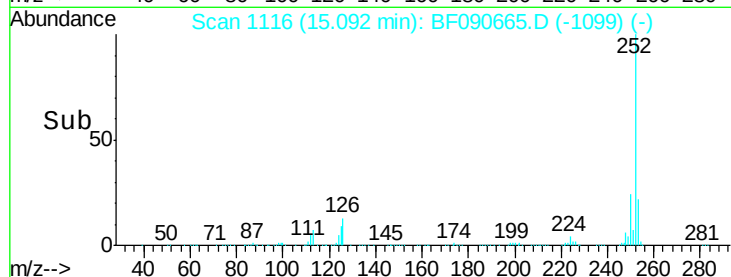
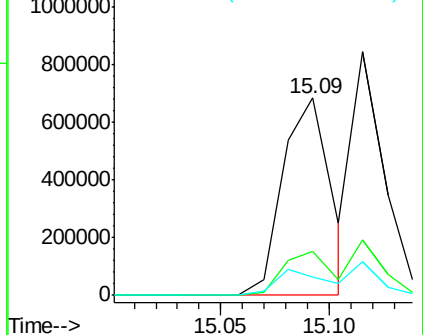
125 9.4 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.99 ng

RT: 15.09 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

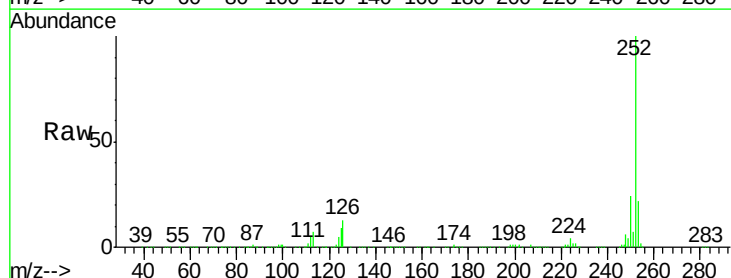
Tgt Ion:252 Resp: 1046820

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

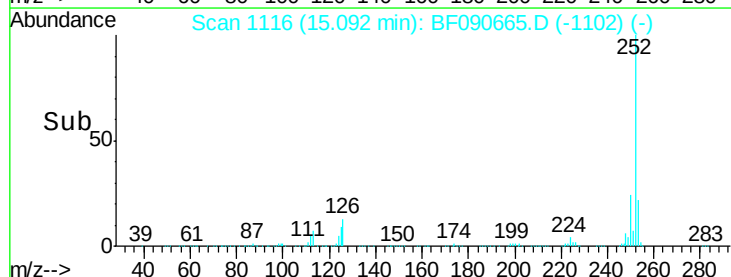
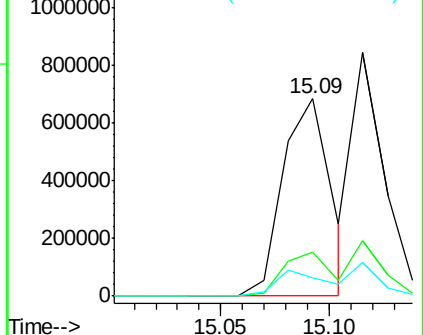
125 9.4 10.0 15.0#

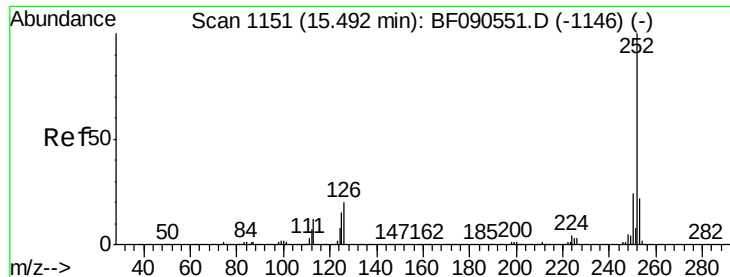


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

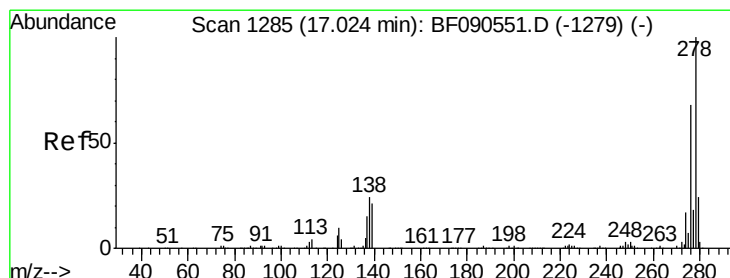
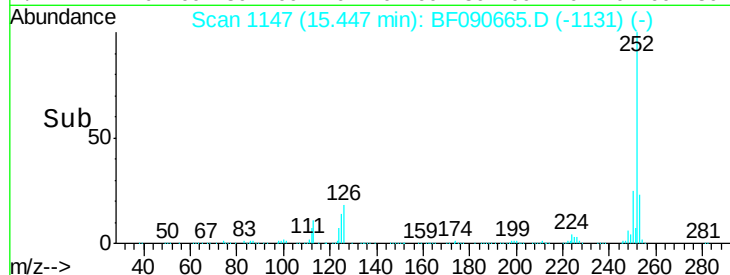
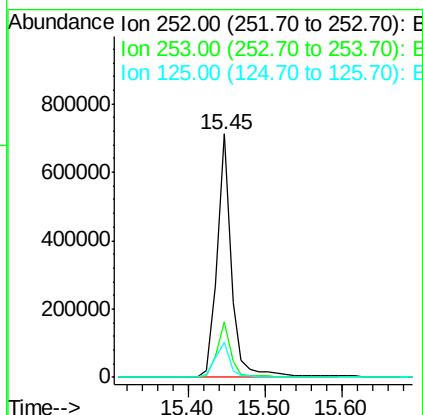
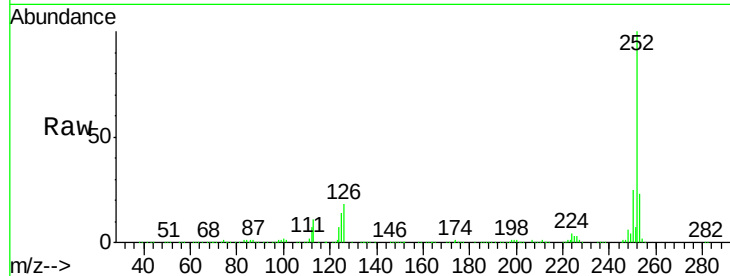




#89
Benzo(a)pyrene
Concen: 40.59 ng
RT: 15.45 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

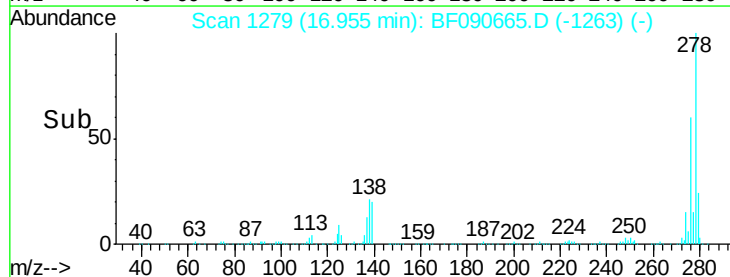
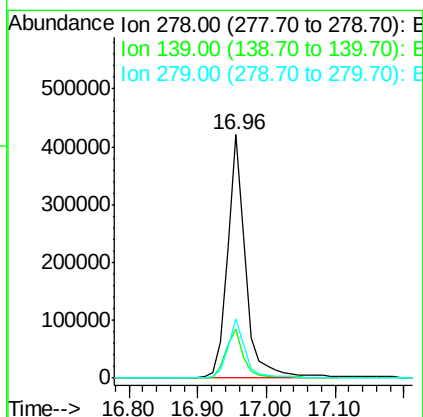
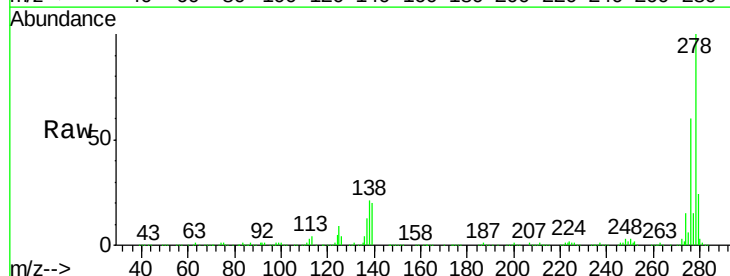
Instrument :
BNA_F
ClientSampleId :
PB94148BS

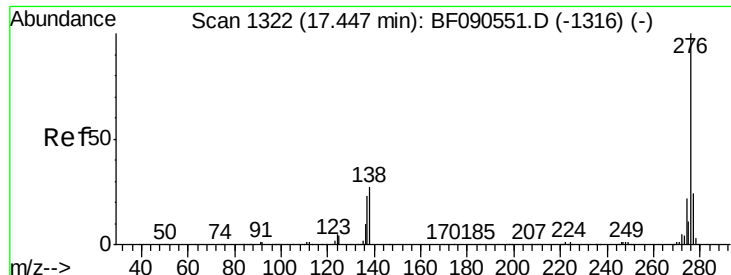
Tgt Ion: 252 Resp: 927383
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 14.2 12.3 18.5



#90
Dibenzo(a,h)anthracene
Concen: 45.15 ng
RT: 16.96 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF090665.D
Acq: 19 Oct 2016 23:18

Tgt Ion: 278 Resp: 786620
Ion Ratio Lower Upper
278 100
139 19.9 16.6 25.0
279 24.3 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 40.91 ng

RT: 17.37 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF090665.D

Acq: 19 Oct 2016 23:18

Instrument :

BNA_F

ClientSampleId :

PB94148BS

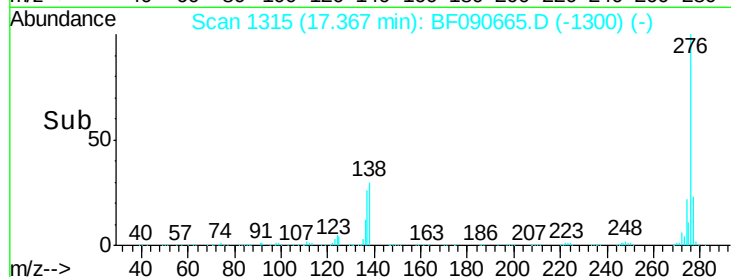
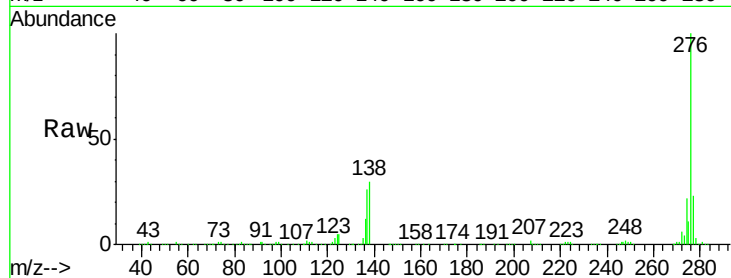
Tgt Ion: 276 Resp: 679690

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 30.2 21.8 32.8



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

300000

200000

100000

0

Time-->

17.20

17.40

17.60