

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092607.D
 Acq On : 28 Jan 2017 6:06
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 29 23:44:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	176749	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	659650	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	292202	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	406203	20.00	ng	0.00
75) Chrysene-d12	14.17	240	317949	20.00	ng	0.00
86) Perylene-d12	15.65	264	248733	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	832728	73.30	ng	0.03
7) Phenol-d6	6.62	99	1057917	73.11	ng	0.03
23) Nitrobenzene-d5	7.55	82	961965	79.66	ng	0.01
41) 2,4,6-Tribromophenol	10.83	330	146394	73.52	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1536063	97.21	ng	0.00
78) Terphenyl-d14	13.12	244	1100607	92.18	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.61	88	220675	36.53	ng	# 84
3) Pyridine	3.38	79	624383	36.30	ng	# 83
4) n-Nitrosodimethylamine	3.34	42	297415	35.25	ng	82
6) Aniline	6.64	93	667555	30.93	ng	86
8) 2-Chlorophenol	6.76	128	434375	36.40	ng	92
9) Benzaldehyde	6.52	77	362416	35.29	ng	99
10) Phenol	6.64	94	612829	35.09	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	461440	35.31	ng	89
12) 1,3-Dichlorobenzene	7.15	146	533359	37.80	ng	96
13) 1,4-Dichlorobenzene	6.99	146	529717	37.30	ng	98
14) 1,2-Dichlorobenzene	7.15	146	533763	39.61	ng	98
15) Benzyl Alcohol	7.12	79	351669	32.25	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	826381	31.97	ng	94
17) 2-Methylphenol	7.24	107	362084	35.51	ng	97
18) Hexachloroethane	7.49	117	137883	28.18	ng	93
19) n-Nitroso-di-n-propylamine	7.39	70	304512	30.90	ng	90
20) 3+4-Methylphenols	7.40	107	459132	37.12	ng	# 73
22) Acetophenone	7.39	105	647435	41.21	ng	# 98
24) Nitrobenzene	7.56	77	431337	34.10	ng	97
25) Isophorone	7.80	82	833829	35.04	ng	96
26) 2-Nitrophenol	7.88	139	125422	23.66	ng	90
27) 2,4-Dimethylphenol	7.93	122	406795	36.90	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	621474	39.79	ng	100
29) 2,4-Dichlorophenol	8.13	162	364937	38.18	ng	94
30) 1,2,4-Trichlorobenzene	8.21	180	416375	40.30	ng	99
31) Naphthalene	8.29	128	1294071	38.33	ng	99
32) Benzoic acid	8.00	122	26161	7.56	ng	92
33) 4-Chloroaniline	8.34	127	498872	34.93	ng	94
34) Hexachlorobutadiene	8.41	225	225543	39.91	ng	98
35) Caprolactam	8.72	113	99482	31.17	ng	# 32
36) 4-Chloro-3-methylphenol	8.84	107	357747	34.71	ng	85
37) 2-Methylnaphthalene	8.99	142	820345	38.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	331683	45.00	ng	99
40) Hexachlorocyclopentadiene	9.14	237	15668	4.24	ng	97

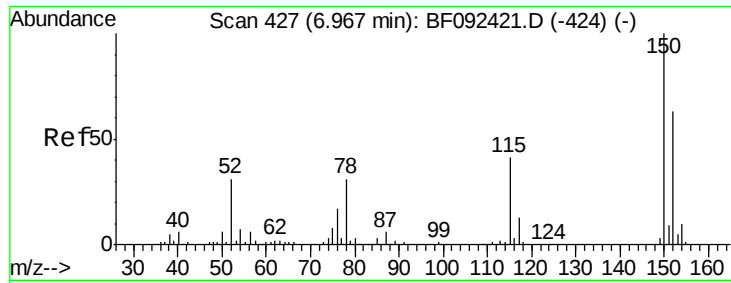
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	215424	38.15	ng	95
43) 2,4,5-Trichlorophenol	9.32	196	202557	39.20	ng #	83
45) 1,1'-Biphenyl	9.46	154	945972	44.79	ng	97
46) 2-Chloronaphthalene	9.48	162	765857	44.39	ng	98
47) 2-Nitroaniline	9.57	65	235120	40.47	ng	90
48) Acenaphthylene	9.89	152	996818	39.39	ng	99
49) Dimethylphthalate	9.76	163	905763	48.75	ng	99
50) 2,6-Dinitrotoluene	9.81	165	126878	33.41	ng #	65
51) Acenaphthene	10.06	154	570310	36.27	ng	97
52) 3-Nitroaniline	10.00	138	248811	52.31	ng #	78
53) 2,4-Dinitrophenol	10.09	184	614	3.34	ng #	1
54) Dibenzofuran	10.24	168	803369	37.63	ng	98
55) 4-Nitrophenol	10.17	139	90368	23.92	ng #	79
56) 2,4-Dinitrotoluene	10.22	165	156495	31.04	ng #	65
57) Fluorene	10.58	166	603643	38.13	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.36	232	139777	36.10	ng	95
59) Diethylphthalate	10.45	149	768340	43.12	ng	98
60) 4-Chlorophenyl-phenylether	10.58	204	330822	43.09	ng #	74
61) 4-Nitroaniline	10.60	138	195431	41.08	ng	93
62) Azobenzene	10.74	77	716302	35.33	ng	85
64) 4,6-Dinitro-2-methylphenol	10.62	198	2245	5.87	ng #	1
65) n-Nitrosodiphenylamine	10.69	169	568823	44.84	ng	100
66) 4-Bromophenyl-phenylether	11.07	248	185164	45.15	ng #	77
67) Hexachlorobenzene	11.13	284	175207	42.26	ng #	76
68) Atrazine	11.22	200	175730	40.47	ng	99
69) Pentachlorophenol	11.33	266	57940	21.86	ng	97
70) Phenanthrene	11.55	178	939088	41.98	ng	98
71) Anthracene	11.60	178	895259	40.95	ng	99
72) Carbazole	11.76	167	793454	38.01	ng	99
73) Di-n-butylphthalate	12.09	149	1113428	46.65	ng #	96
74) Fluoranthene	12.74	202	882130	40.32	ng	98
76) Benzidine	12.87	184	438455	37.15	ng	97
77) Pyrene	12.97	202	900248	39.08	ng	99
79) Butylbenzylphthalate	13.59	149	427175	45.77	ng	95
80) Benzo(a)anthracene	14.16	228	752052	44.01	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	289170	44.57	ng	95
82) Chrysene	14.20	228	756774	41.47	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	628198	53.45	ng #	97
84) Di-n-octyl phthalate	14.76	149	1064660	49.89	ng	99
85) Indeno(1,2,3-cd)pyrene	17.16	276	535704	39.68	ng	94
87) Benzo(b)fluoranthene	15.25	252	1208607	75.69	ng	97
88) Benzo(k)fluoranthene	15.25	252	1208607	91.02	ng	97
89) Benzo(a)pyrene	15.60	252	539934	39.97	ng	98
90) Dibenzo(a,h)anthracene	17.17	278	467557	42.80	ng	96
91) Benzo(g,h,i)perylene	17.61	276	465752	42.16	ng #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

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SSTDCCC040

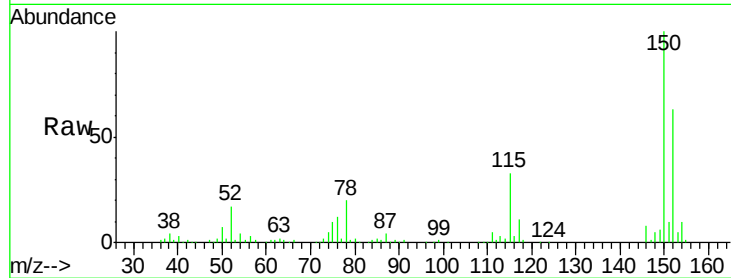
Tgt Ion:152 Resp: 176749

Ion Ratio Lower Upper

152 100

150 158.8 124.9 187.3

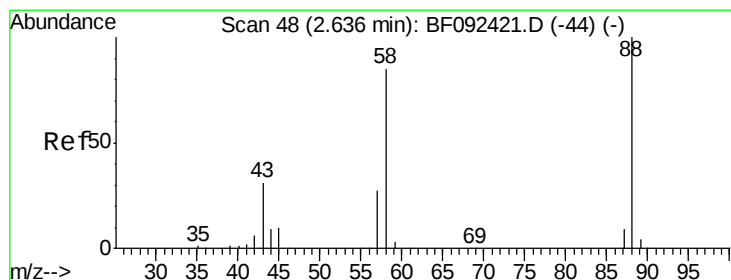
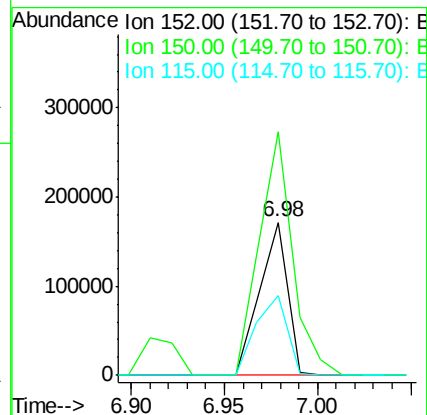
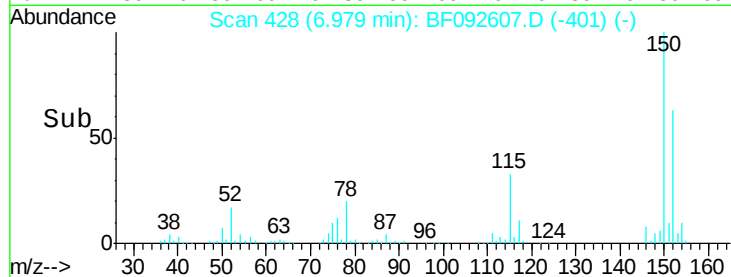
115 51.8 46.0 69.0



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: 36.53 ng

RT: 2.61 min Scan# 46

Delta R.T. -0.02 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

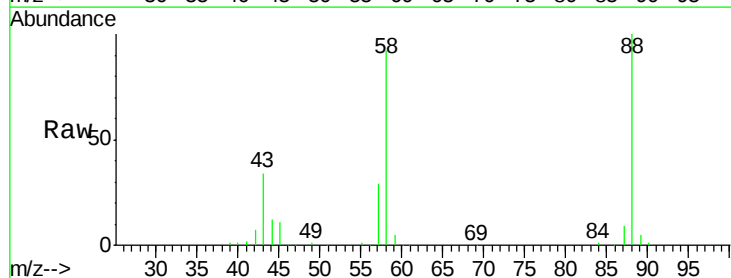
Tgt Ion: 88 Resp: 220675

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

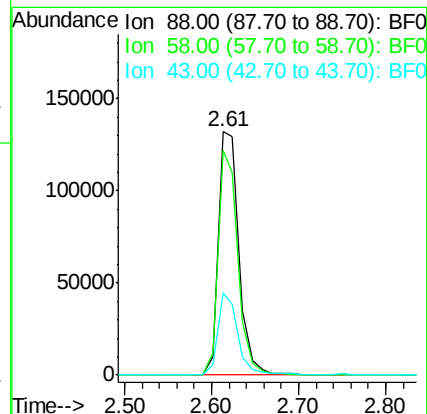
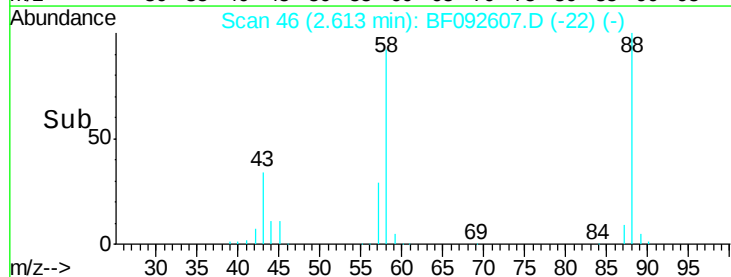
43 32.0 22.3 33.5

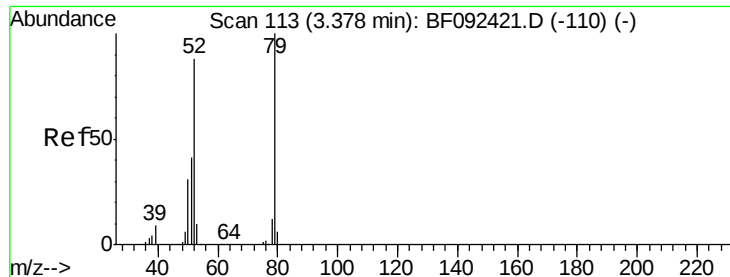


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.30 ng

RT: 3.38 min Scan# 113

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

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ClientSampleId :

SSTDCCC040

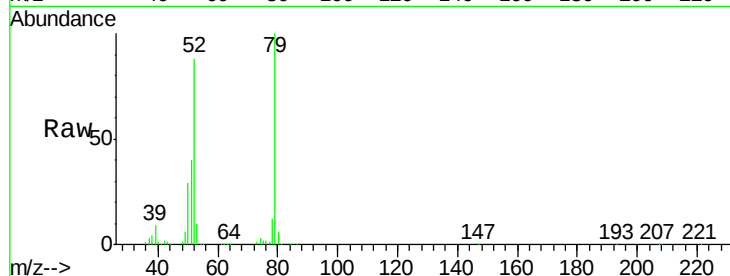
Tgt Ion: 79 Resp: 624383

Ion Ratio Lower Upper

79 100

52 88.0 57.1 85.7#

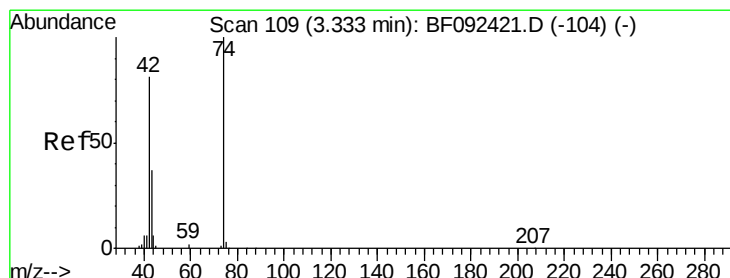
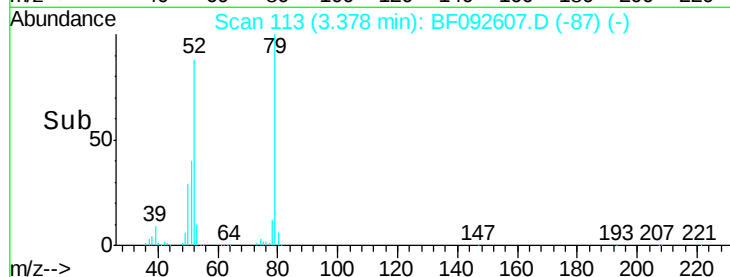
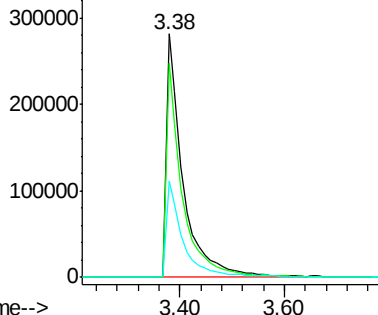
51 39.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.25 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

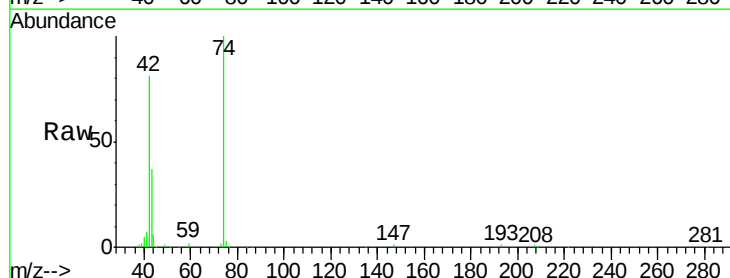
Tgt Ion: 42 Resp: 297415

Ion Ratio Lower Upper

42 100

74 122.7 117.0 175.4

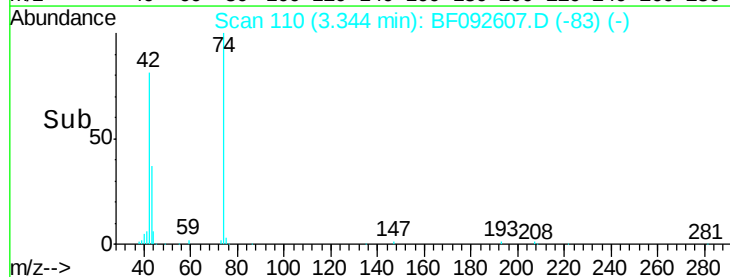
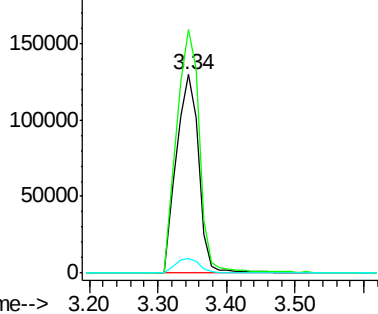
44 7.2 5.5 8.3

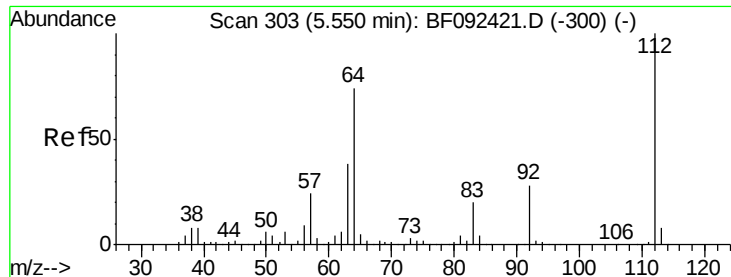


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.30 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.03 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

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ClientSampleId :

SSTDCCC040

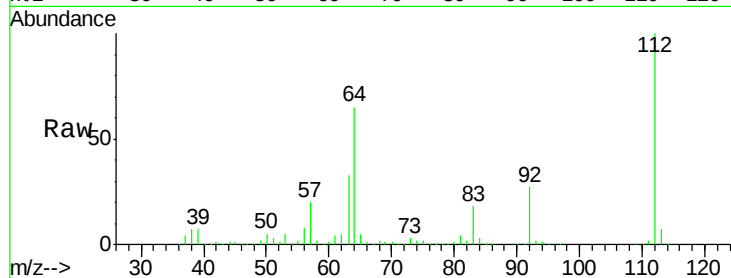
Tgt Ion: 112 Resp: 832728

Ion Ratio Lower Upper

112 100

64 65.1 46.1 69.1

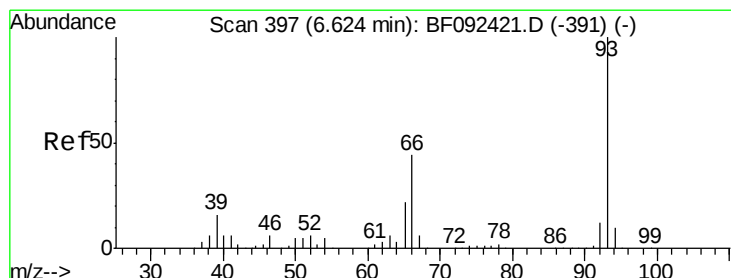
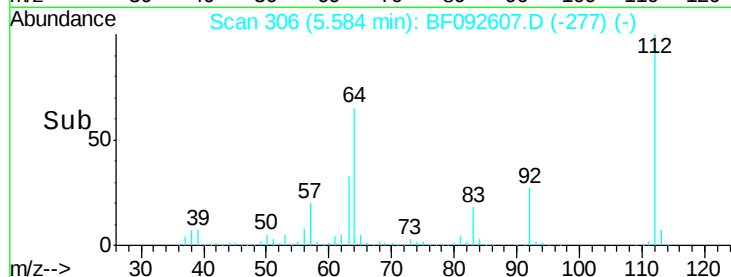
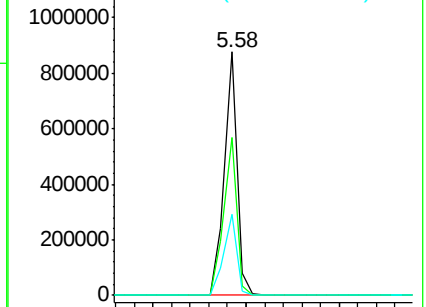
63 33.2 23.8 35.6



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: 30.93 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

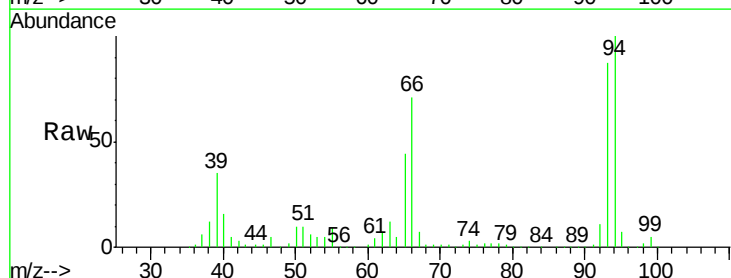
Tgt Ion: 93 Resp: 667555

Ion Ratio Lower Upper

93 100

66 81.4 76.2 114.2

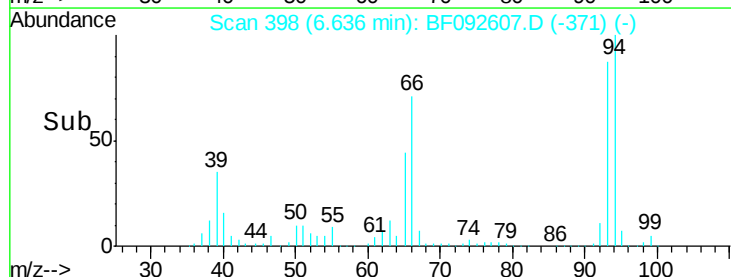
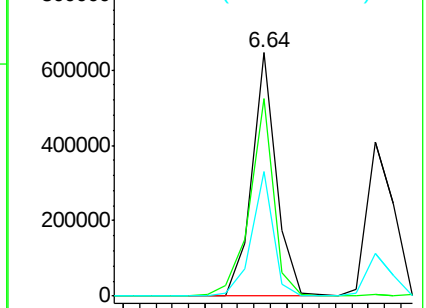
65 50.9 49.3 73.9

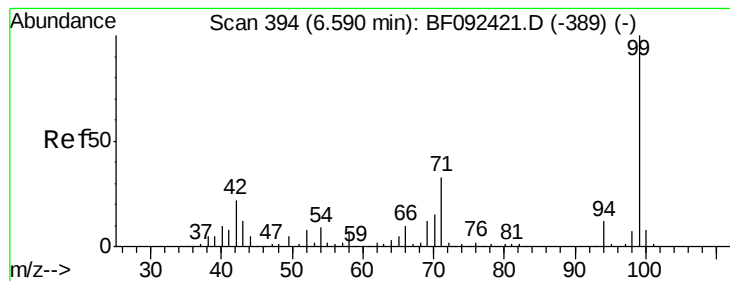


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.11 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

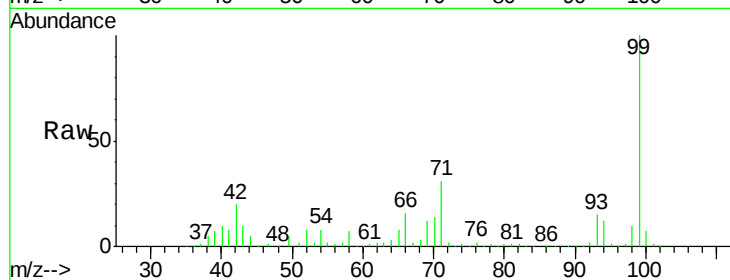
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 1057917

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.6	23.4
71	31.4	27.5	41.3

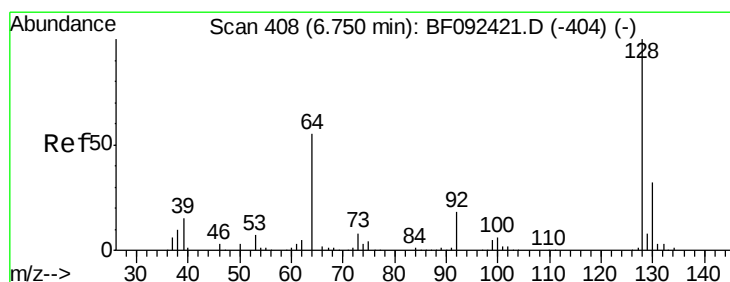
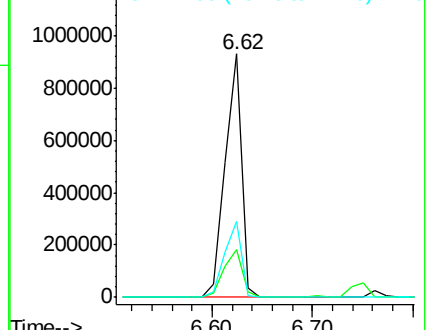
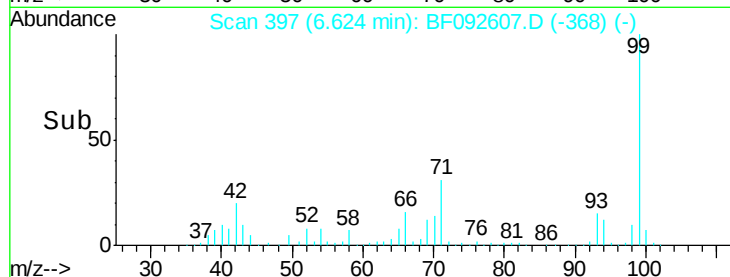


Abundance

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: 36.40 ng

RT: 6.76 min Scan# 409

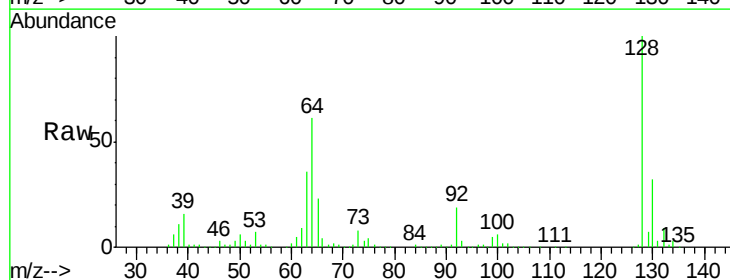
Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Tgt Ion: 128 Resp: 434375

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.3	52.3
64	60.8	32.2	72.2

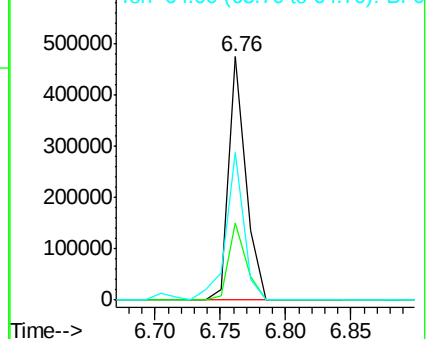
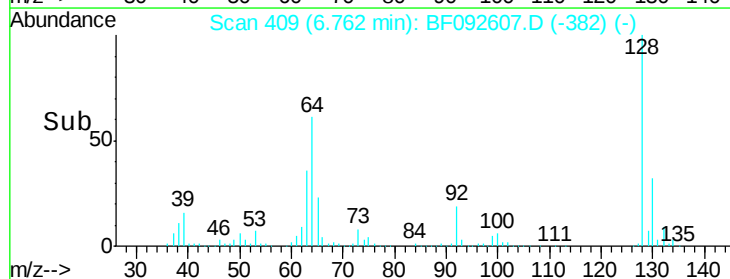


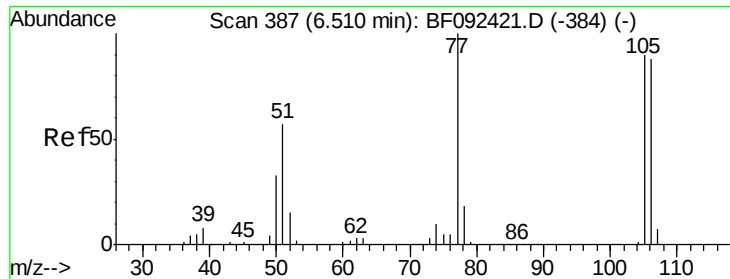
Abundance

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

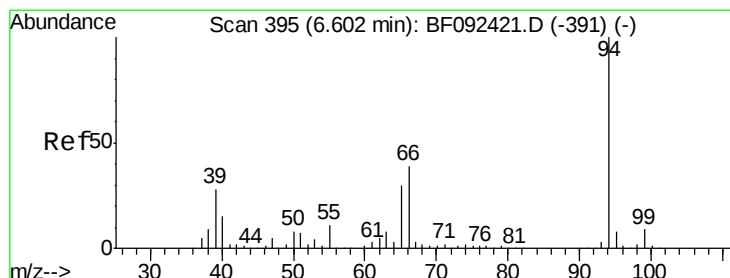
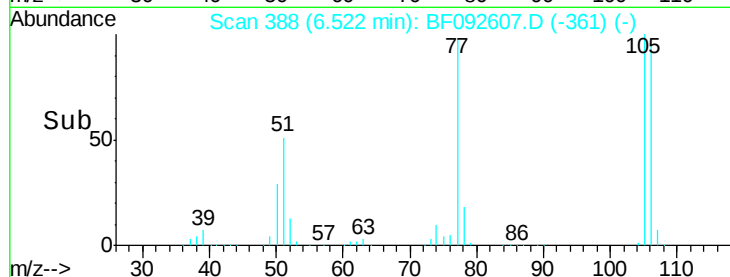
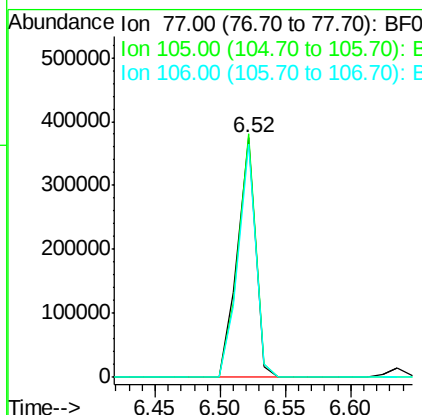
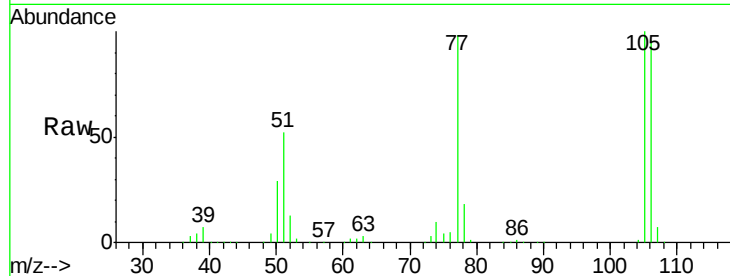




#9
Benzaldehyde
Concen: 35.29 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

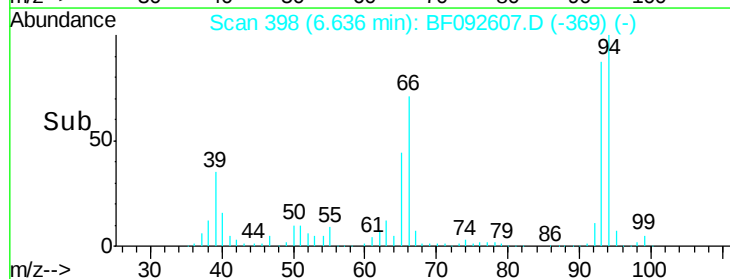
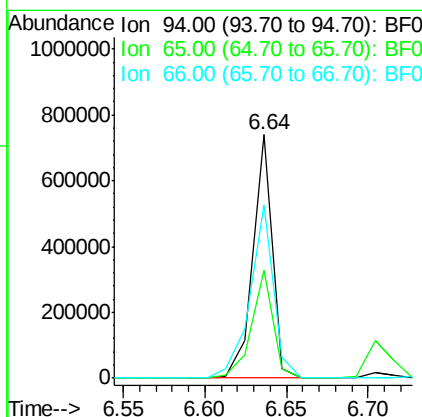
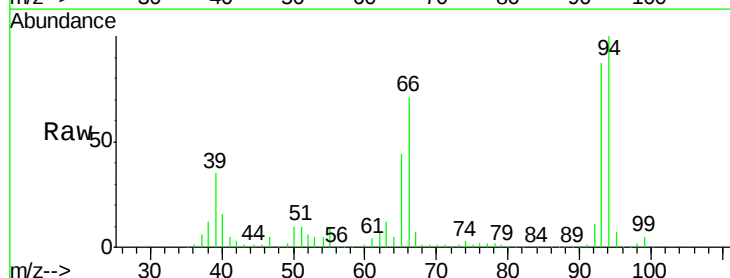
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

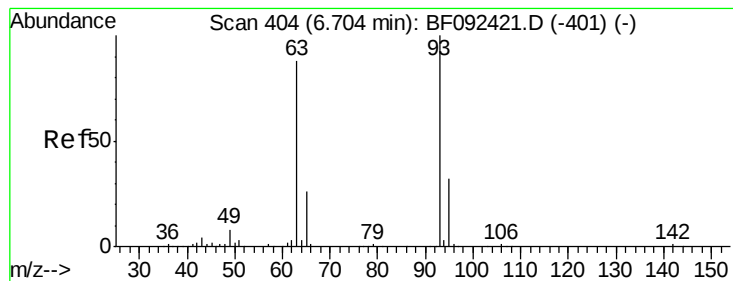
Tgt Ion: 77 Resp: 362416
Ion Ratio Lower Upper
77 100
105 101.7 83.9 123.9
106 97.3 77.6 117.6



#10
Phenol
Concen: 35.09 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.03 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Tgt Ion: 94 Resp: 612829
Ion Ratio Lower Upper
94 100
65 44.4 21.4 61.4
66 71.0 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 35.31 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

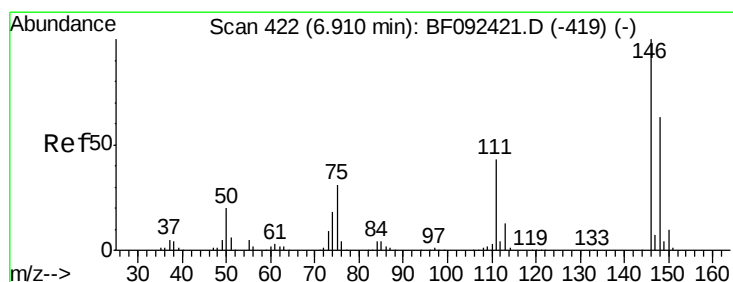
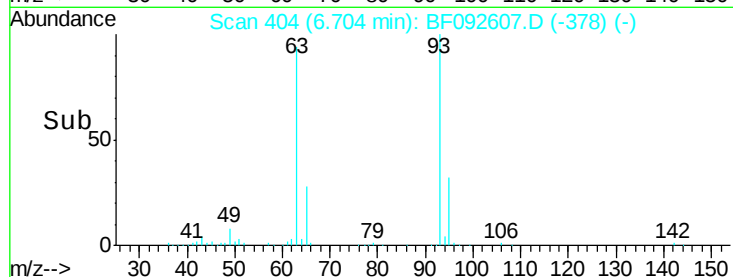
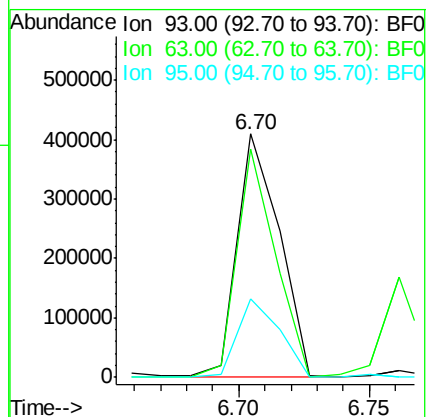
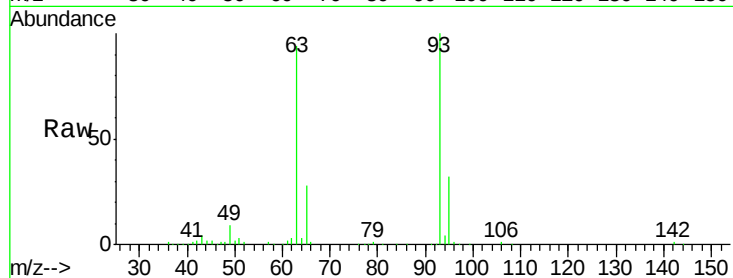
Tgt Ion: 93 Resp: 461440

Ion Ratio Lower Upper

93 100

63 93.5 60.4 100.4

95 32.1 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.80 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.24 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

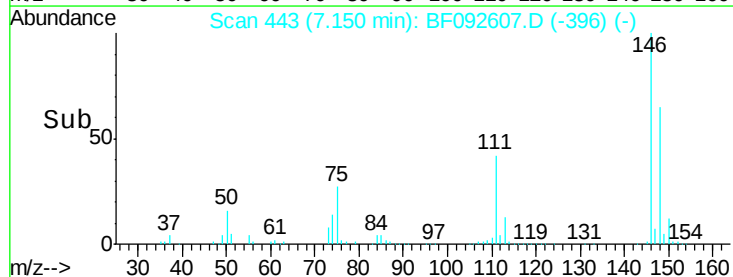
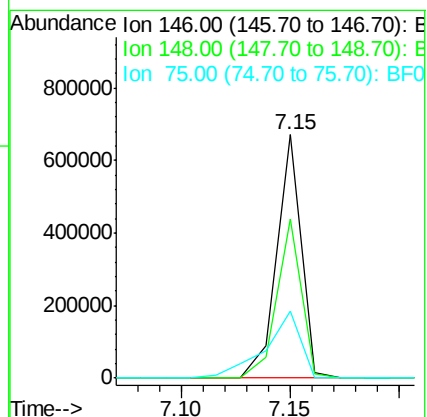
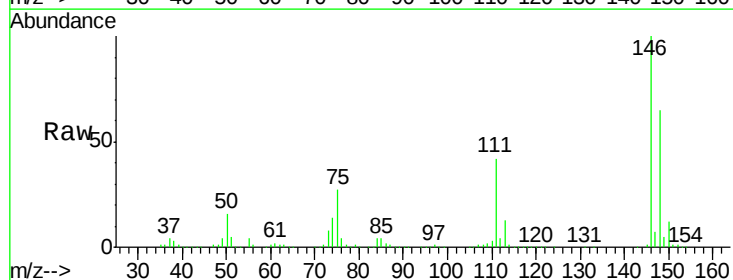
Tgt Ion: 146 Resp: 533359

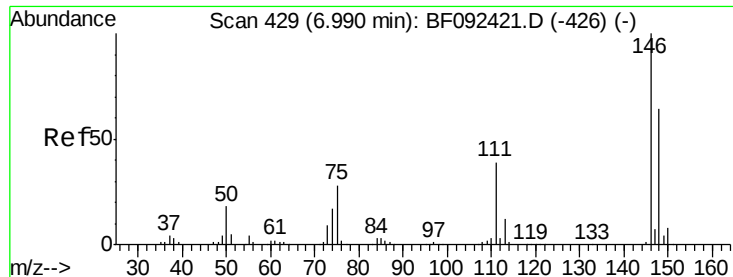
Ion Ratio Lower Upper

146 100

148 65.3 53.4 80.0

75 27.3 18.5 27.7

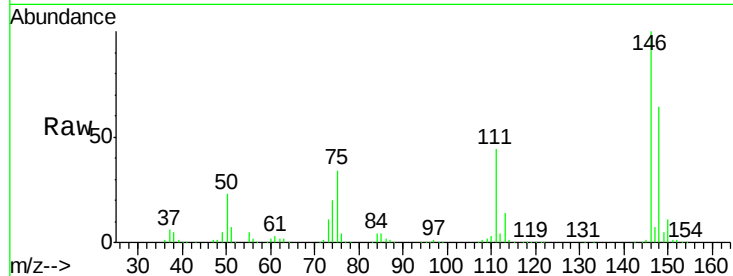




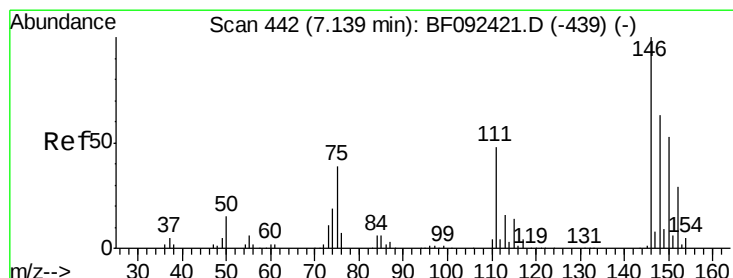
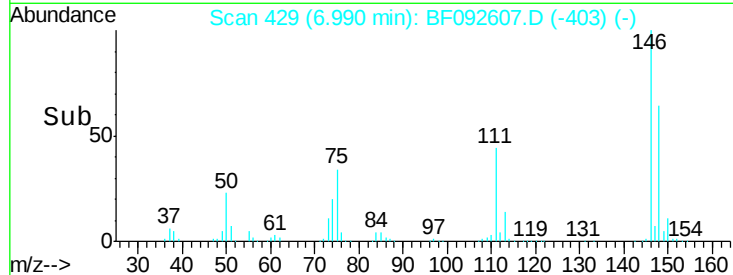
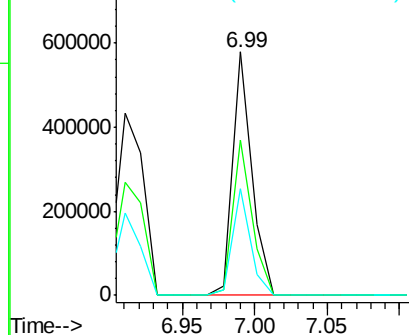
#13
 1,4-Dichlorobenzene
 Concen: 37.30 ng
 RT: 6.99 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 529717
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 76.0
 111 43.7 36.2 54.4

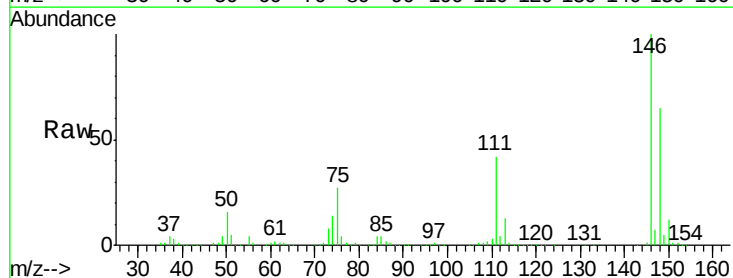


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

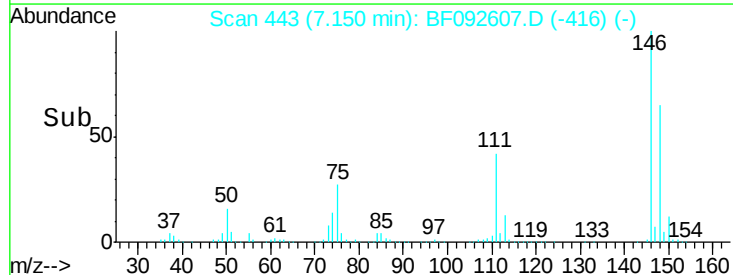
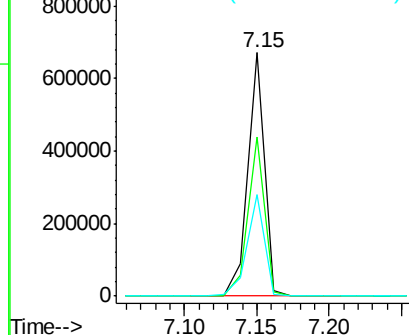


#14
 1,2-Dichlorobenzene
 Concen: 39.61 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion:146 Resp: 533763
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.2
 111 41.9 36.2 54.2



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





#15

Benzyl Alcohol

Concen: 32.25 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

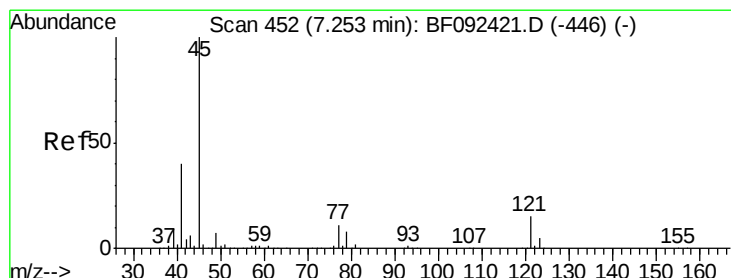
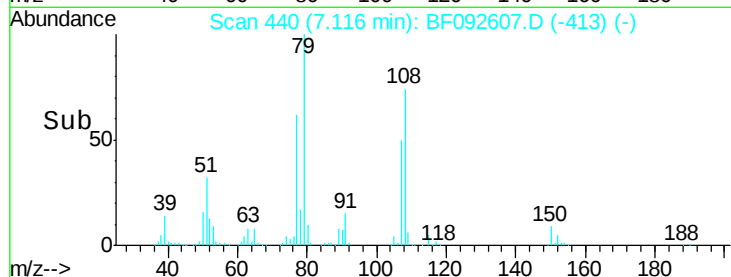
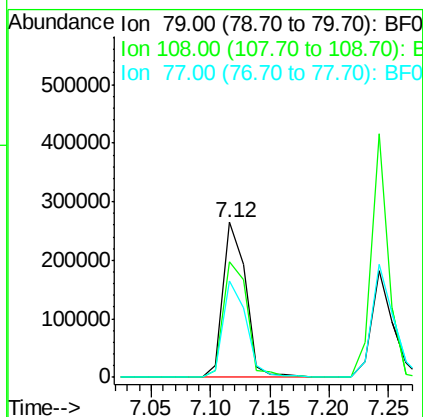
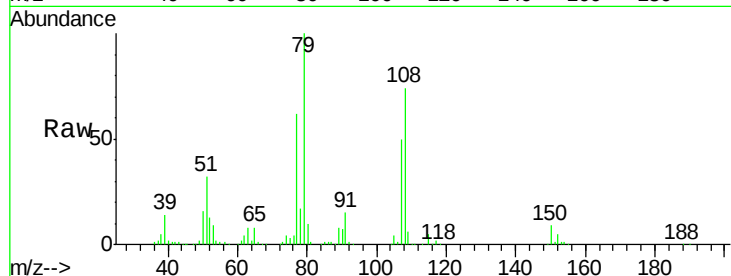
Tgt Ion: 79 Resp: 351669

Ion Ratio Lower Upper

79 100

108 74.3 61.4 92.0

77 62.1 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.97 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

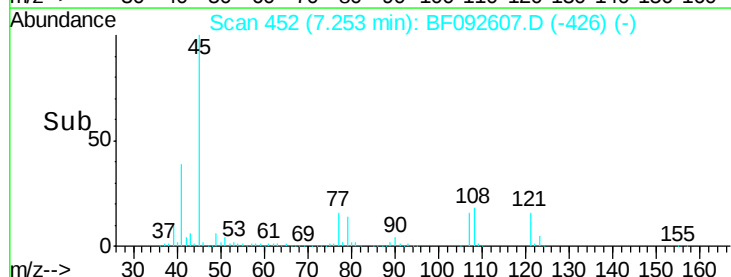
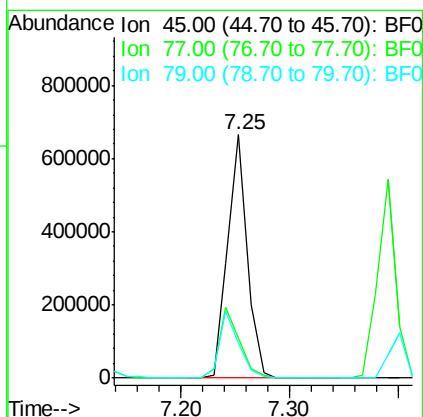
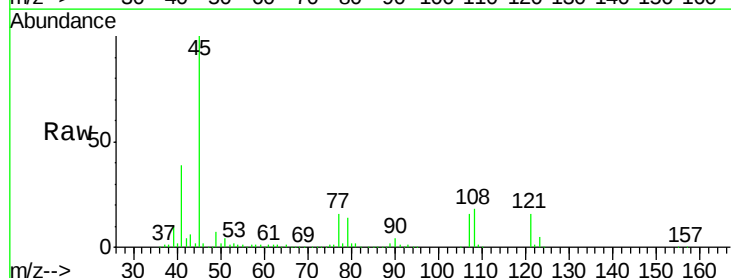
Tgt Ion: 45 Resp: 826381

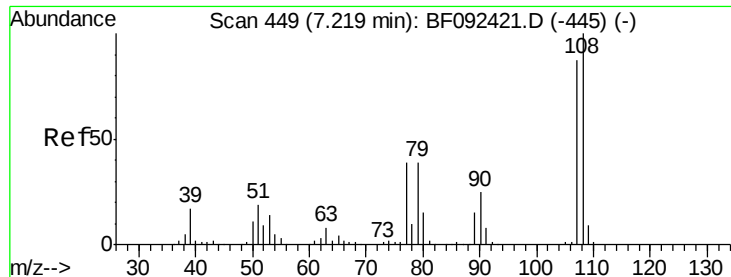
Ion Ratio Lower Upper

45 100

77 16.4 0.0 34.6

79 14.1 0.0 31.2

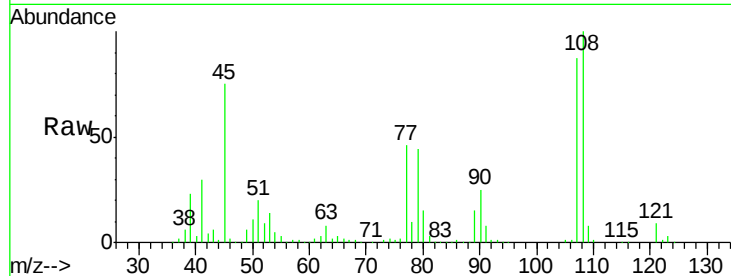




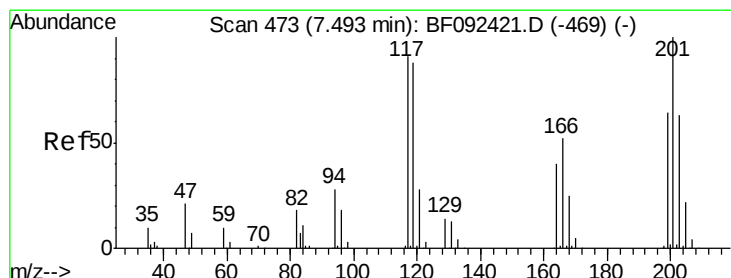
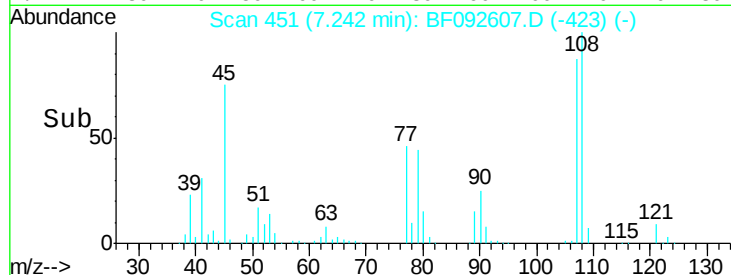
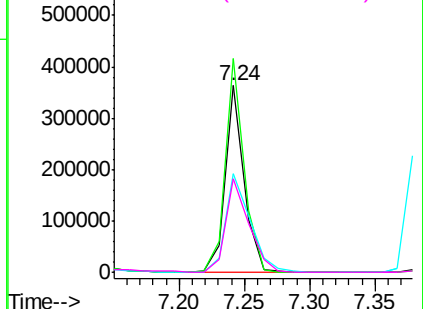
#17
2-Methylphenol
Concen: 35.51 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.02 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 362084
Ion Ratio Lower Upper
107 100
108 114.6 93.0 139.6
77 53.2 39.8 59.8
79 50.2 38.0 57.0

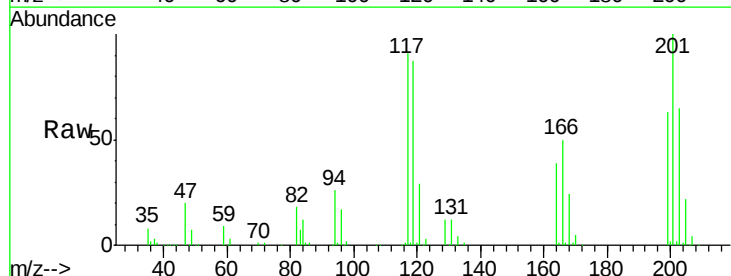


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

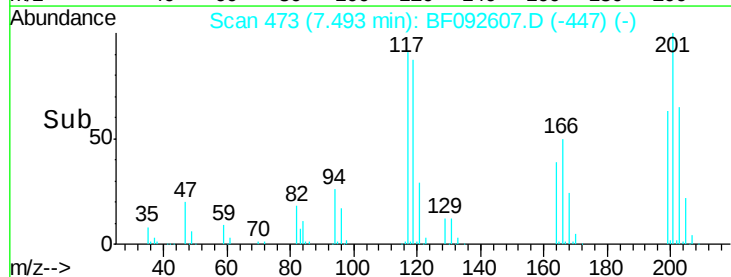
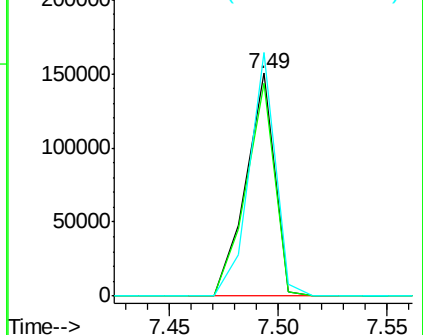


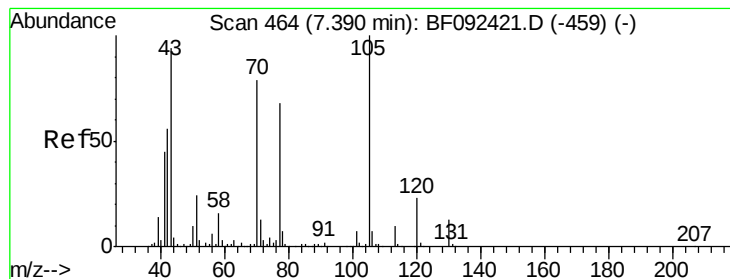
#18
Hexachloroethane
Concen: 28.18 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Tgt Ion:117 Resp: 137883
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
201 109.4 78.6 117.8



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: 30.90 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 304512

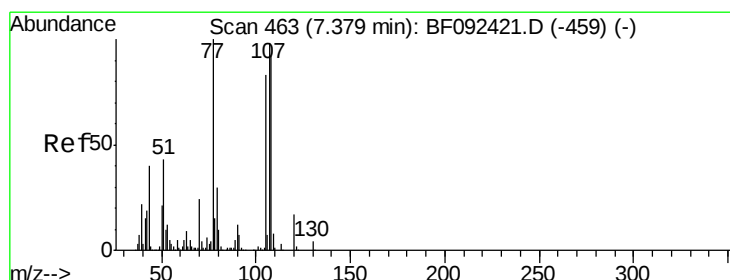
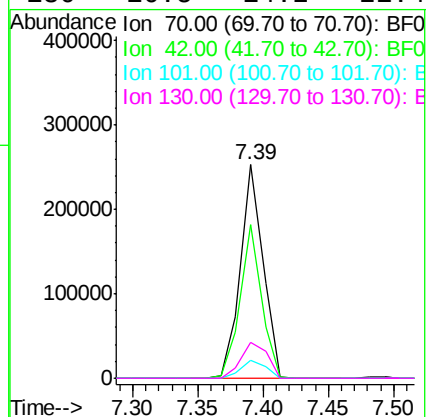
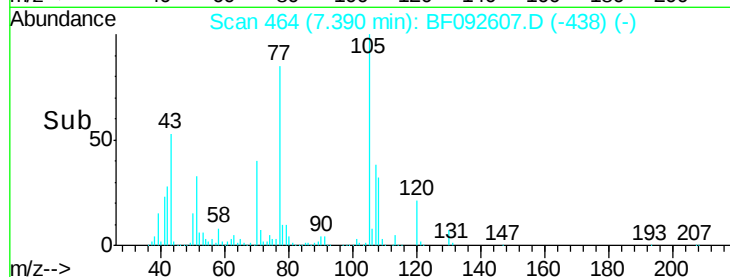
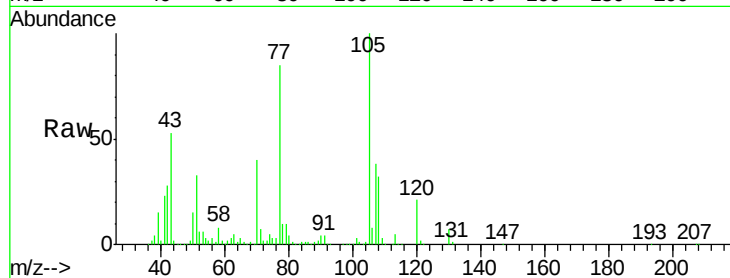
Ion Ratio Lower Upper

70 100

42 71.7 49.4 74.0

101 8.2 7.4 11.2

130 16.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 37.12 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.02 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Tgt Ion: 107 Resp: 459132

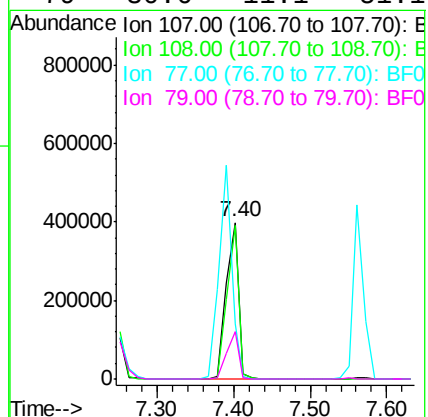
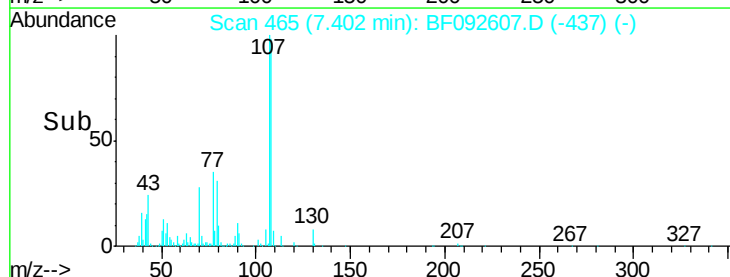
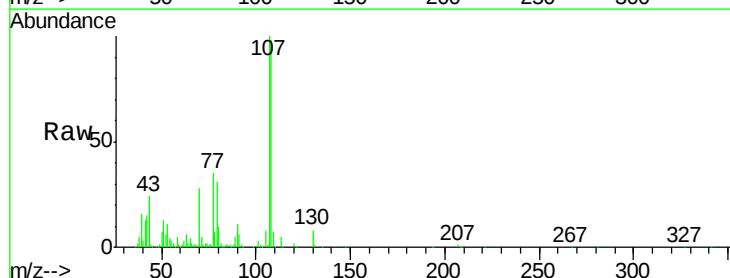
Ion Ratio Lower Upper

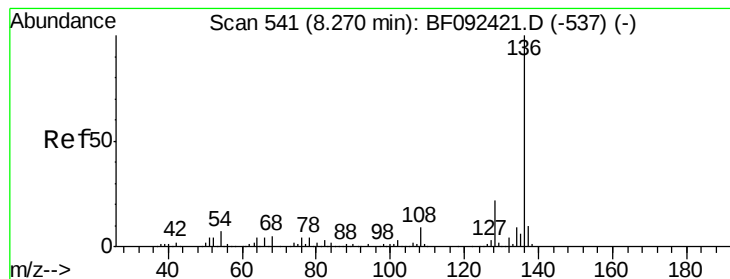
107 100

108 97.8 73.0 113.0

77 35.1 71.3 111.3#

79 30.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 659650

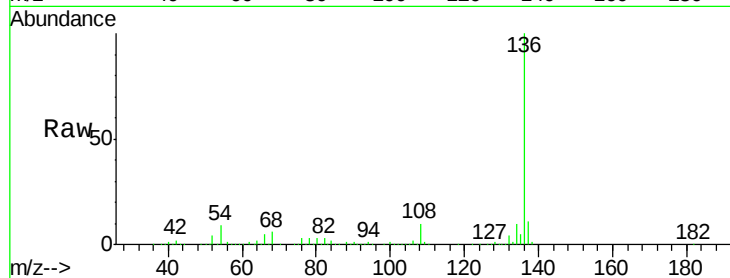
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.3 4.5 6.7#

68 6.5 3.6 5.4#

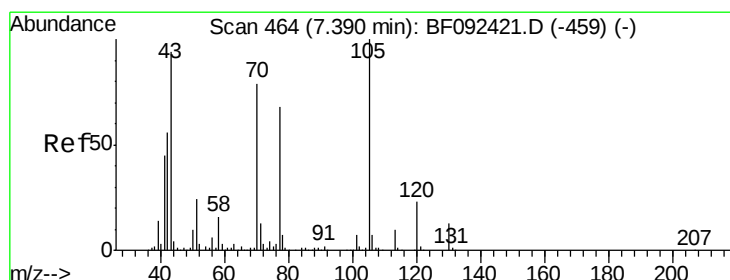
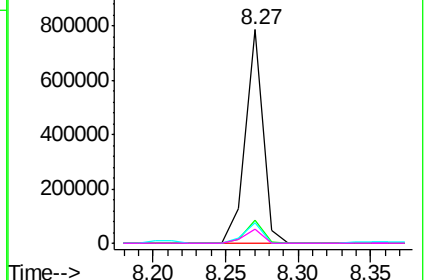
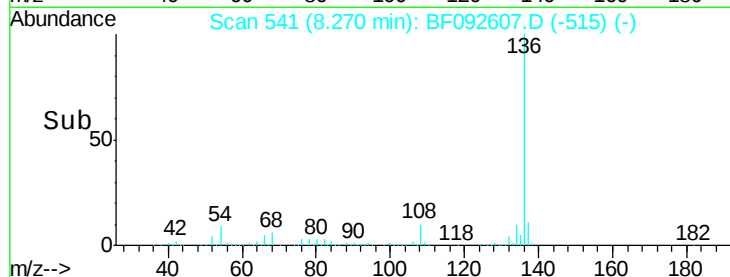


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.21 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Tgt Ion:105 Resp: 647435

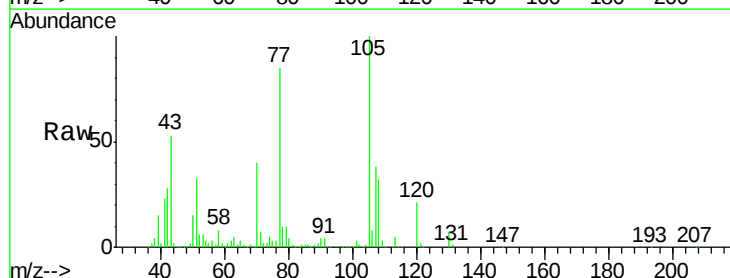
Ion Ratio Lower Upper

105 100

71 6.7 3.2 4.8#

51 33.3 26.2 39.4

120 21.4 16.6 24.8

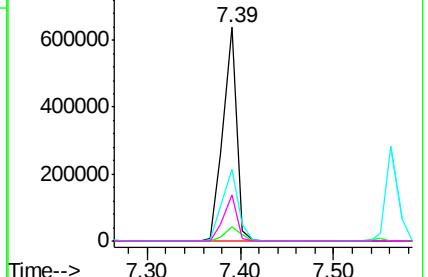
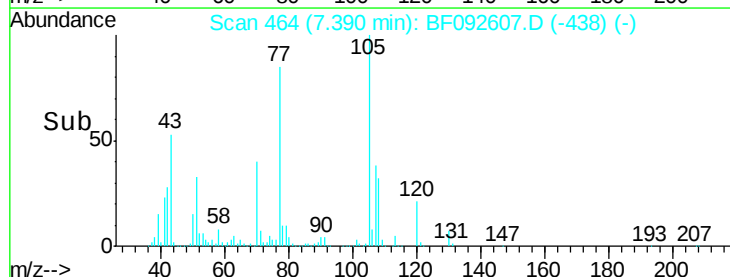


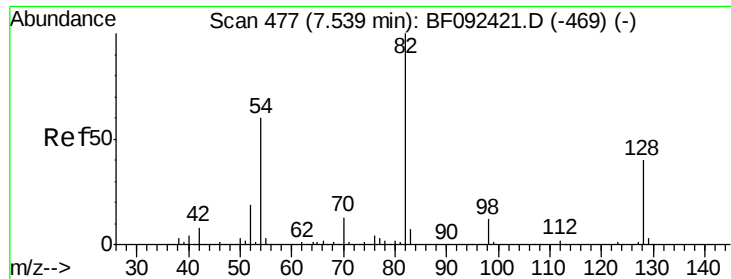
Abundance Ion 105.00 (104.70 to 105.70): E

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

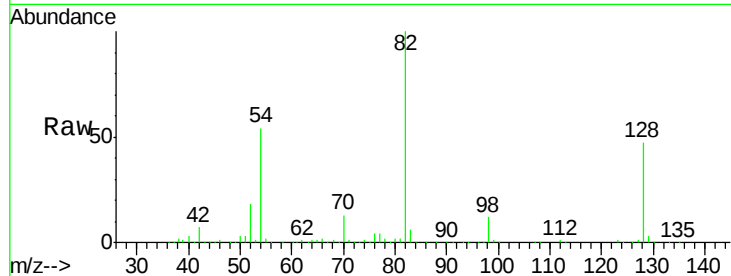




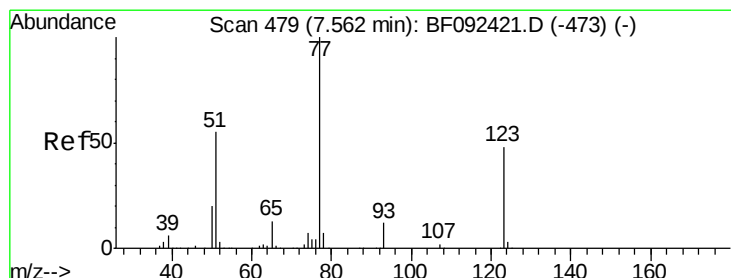
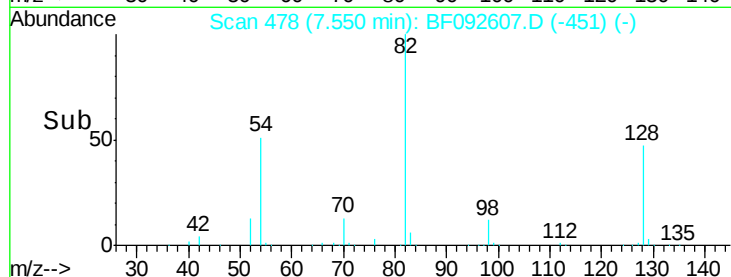
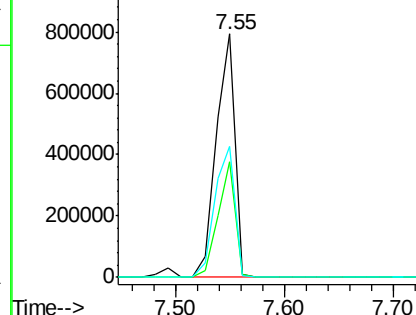
#23
 Nitrobenzene-d5
 Concen: 79.66 ng
 RT: 7.55 min Scan# 478
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	52.0
54	53.7	39.5	59.3

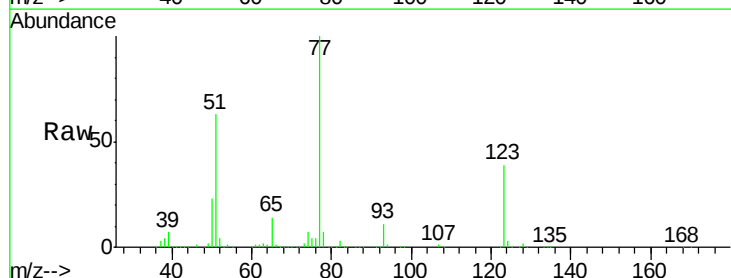


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

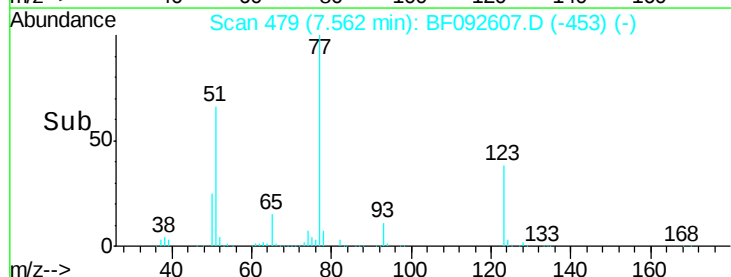
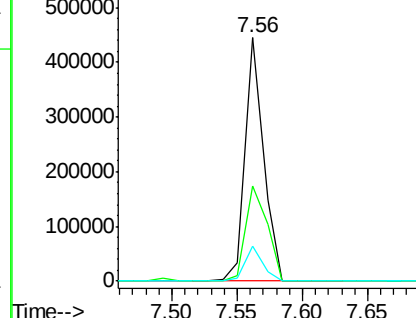


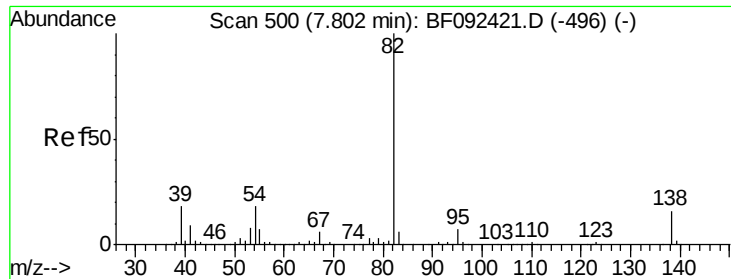
#24
 Nitrobenzene
 Concen: 34.10 ng
 RT: 7.56 min Scan# 479
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	33.0	49.4
65	14.4	11.2	16.8



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





#25

Isophorone

Concen: 35.04 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

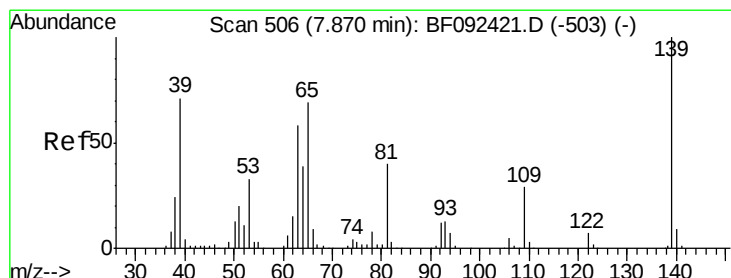
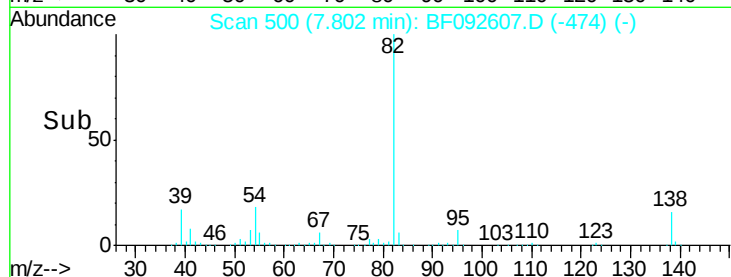
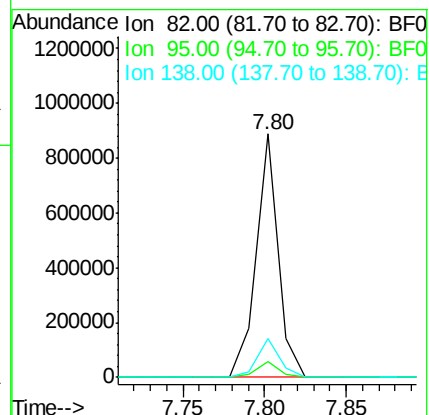
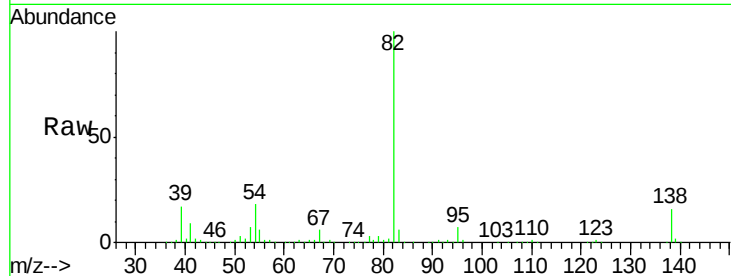
Tgt Ion: 82 Resp: 833829

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.1 14.6 22.0



#26

2-Nitrophenol

Concen: 23.66 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

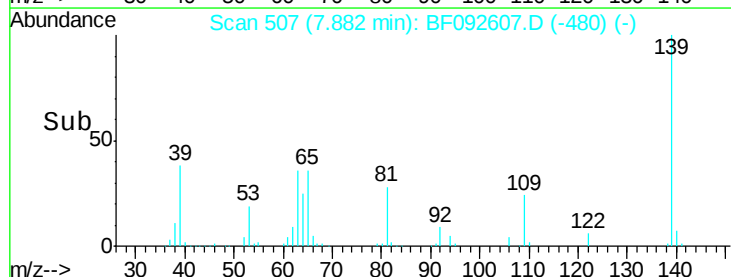
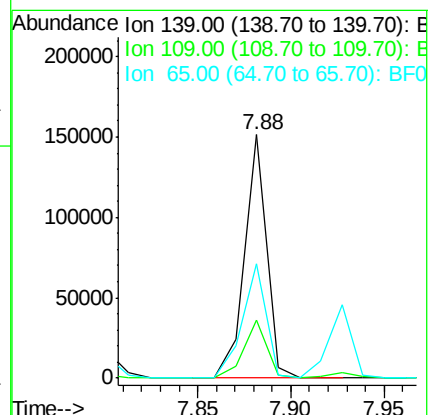
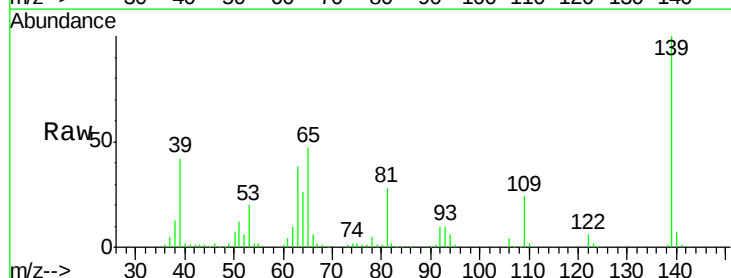
Tgt Ion: 139 Resp: 125422

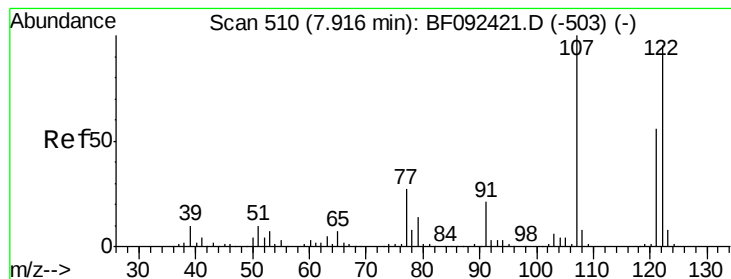
Ion Ratio Lower Upper

139 100

109 23.8 23.3 34.9

65 46.7 42.7 64.1

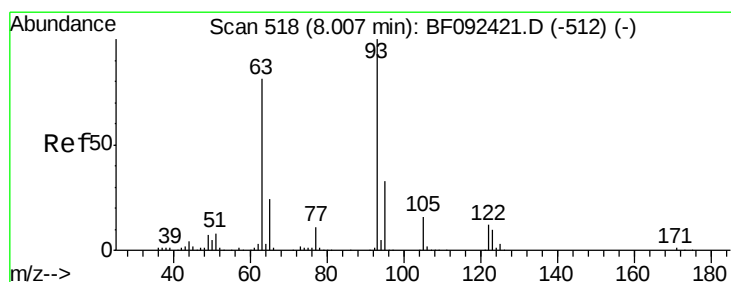
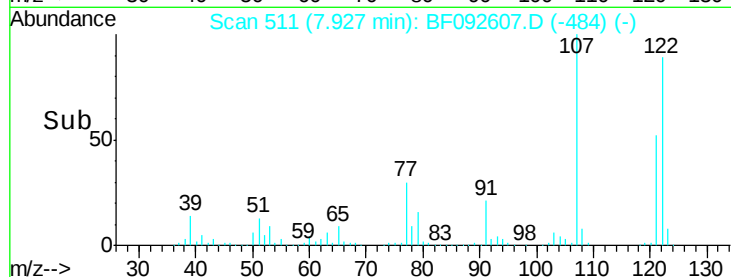
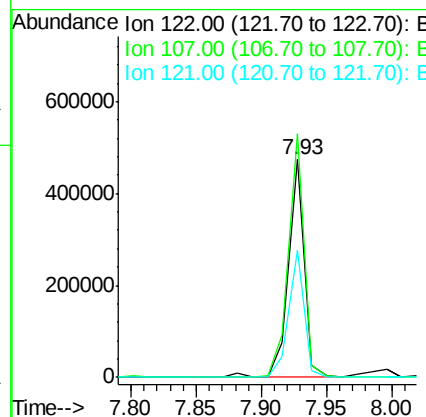
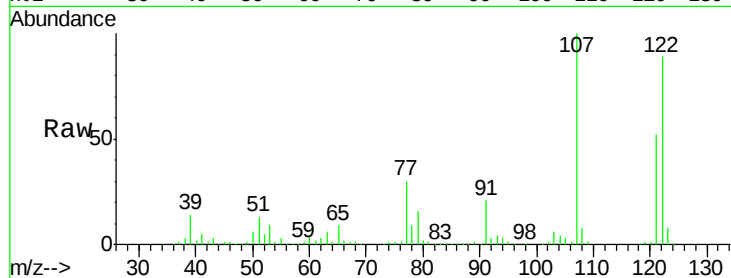




#27
 2,4-Dimethylphenol
 Concen: 36.90 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

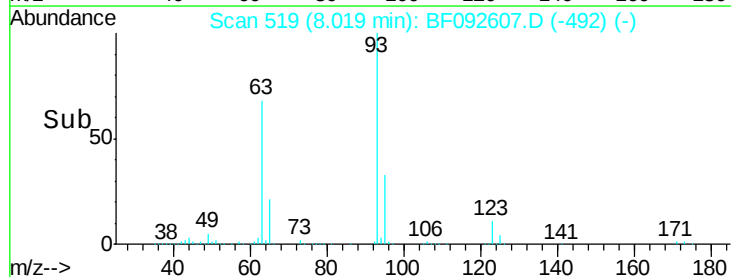
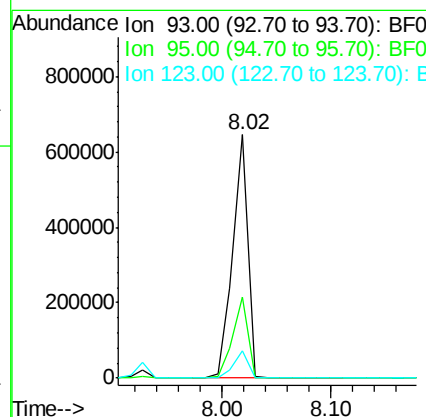
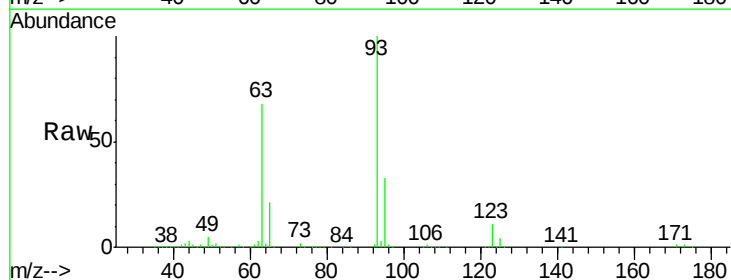
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

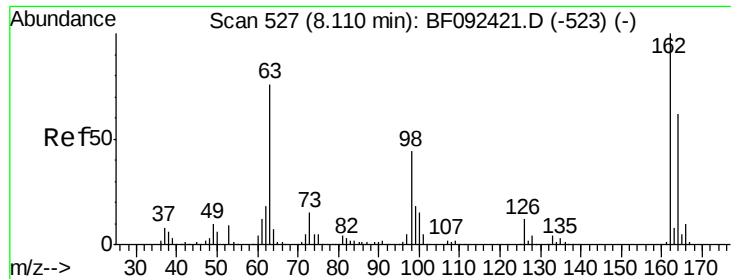
Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.8	94.1	141.1
121	58.6	46.0	69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.79 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.1	8.6	13.0

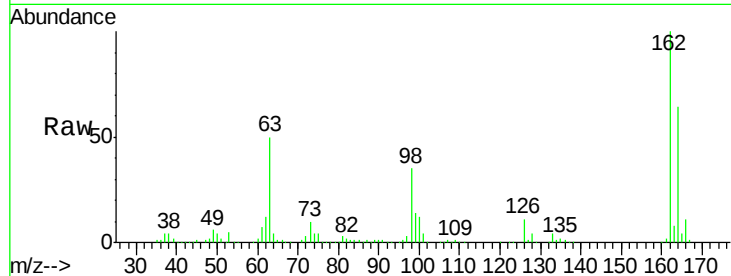




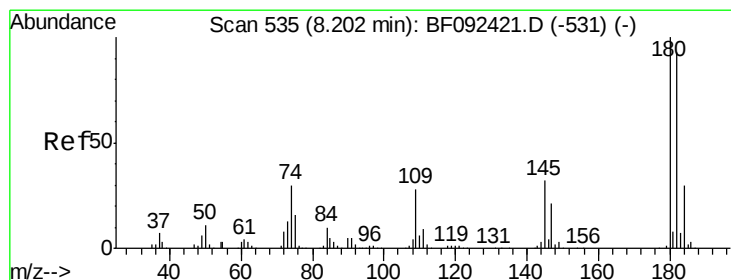
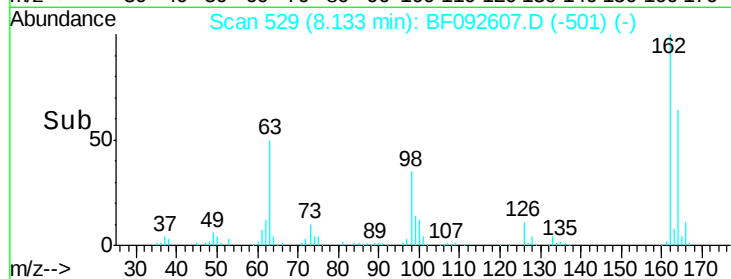
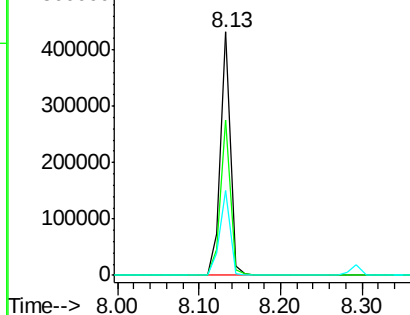
#29
 2,4-Dichlorophenol
 Concen: 38.18 ng
 RT: 8.13 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	46.8	86.8
98	35.1	9.1	49.1

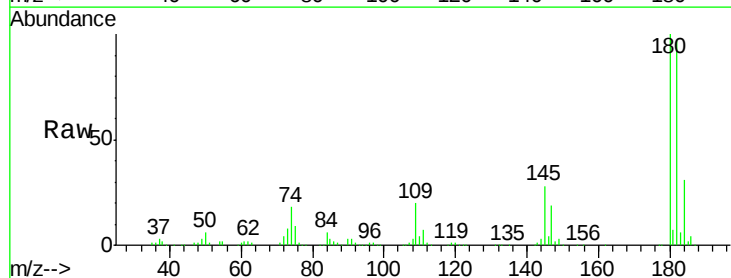


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

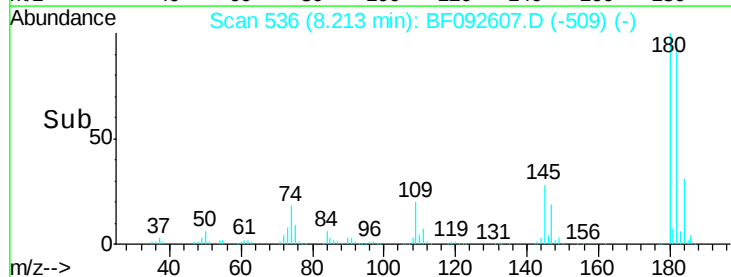
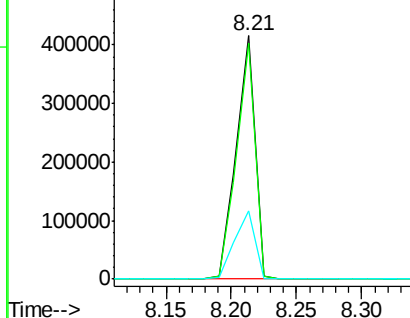


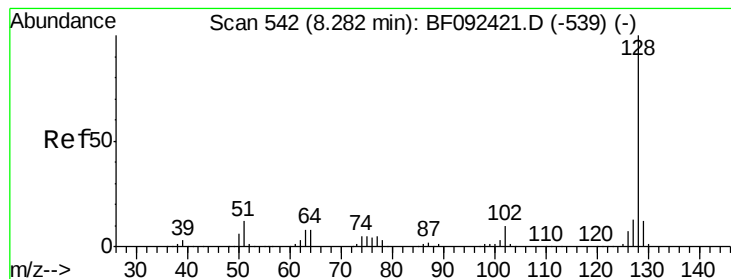
#30
 1,2,4-Trichlorobenzene
 Concen: 40.30 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	78.2	117.4
145	27.9	21.6	32.4



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





#31

Naphthalene

Concen: 38.33 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

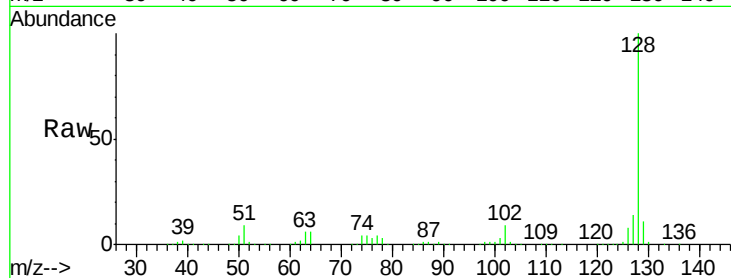
Tgt Ion:128 Resp: 1294071

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

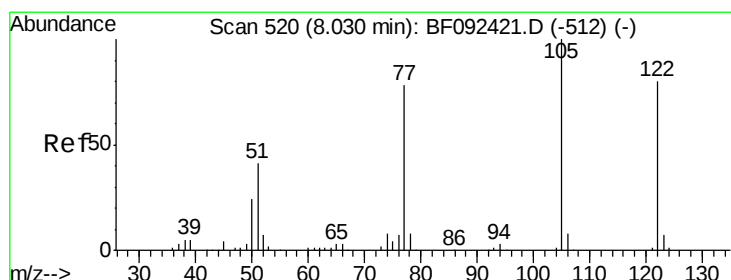
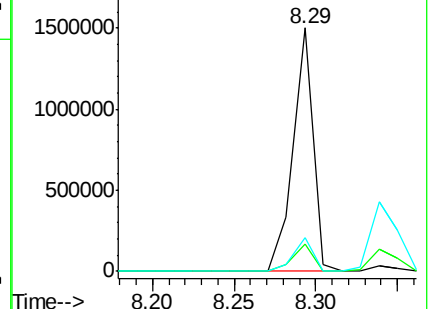
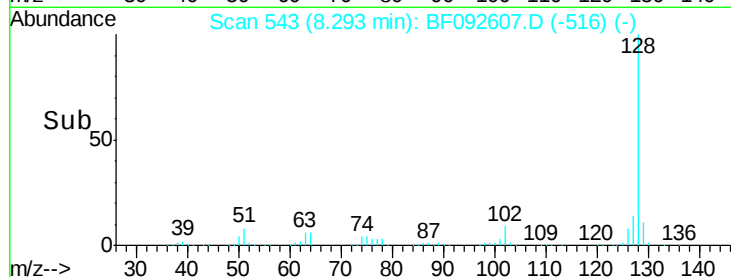
127 13.8 10.8 16.2



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: 7.56 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

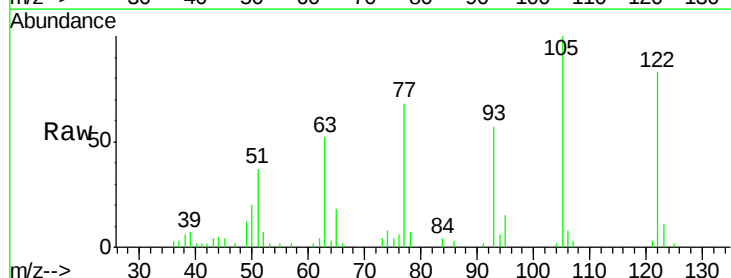
Tgt Ion:122 Resp: 26161

Ion Ratio Lower Upper

122 100

105 121.1 107.2 147.2

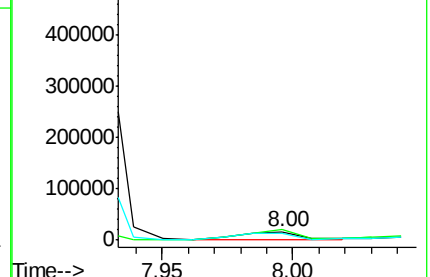
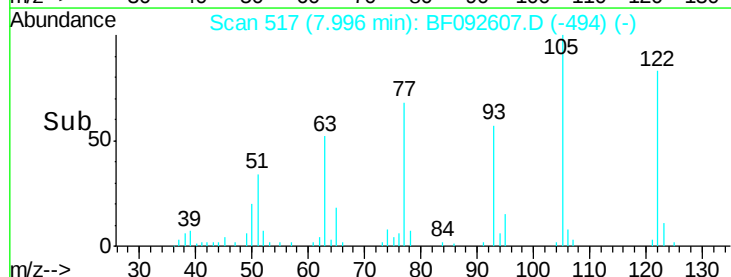
77 82.5 74.5 114.5

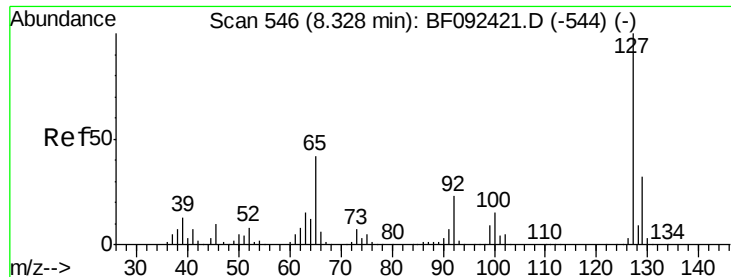


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

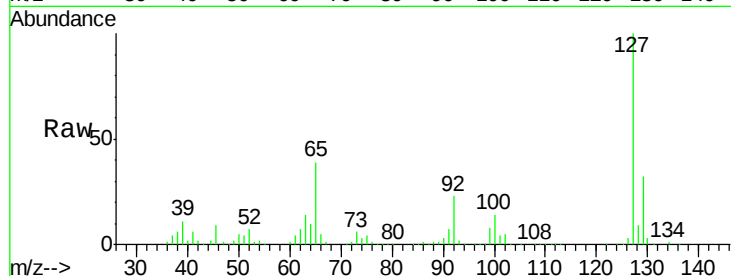




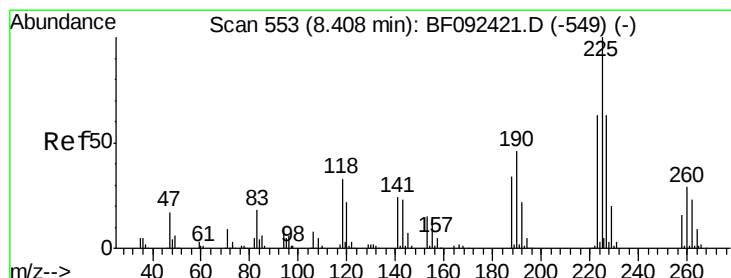
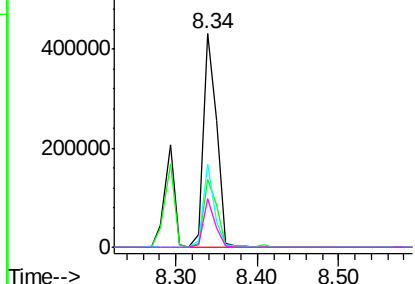
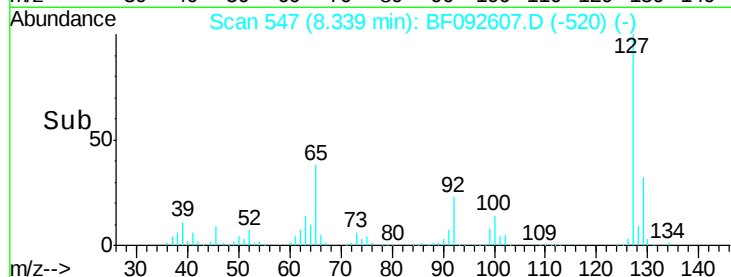
#33
4-Chloroaniline
Concen: 34.93 ng
RT: 8.34 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	498872
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.3	39.5
65	38.7	25.8	38.8
92	22.6	16.1	24.1

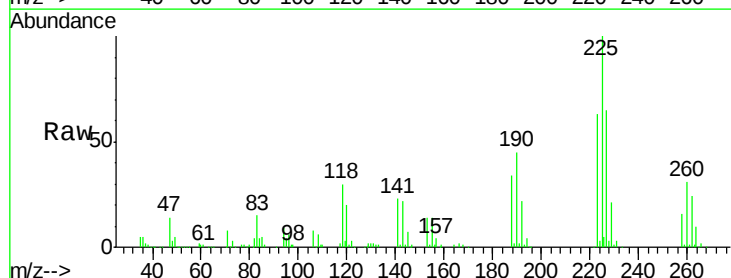


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

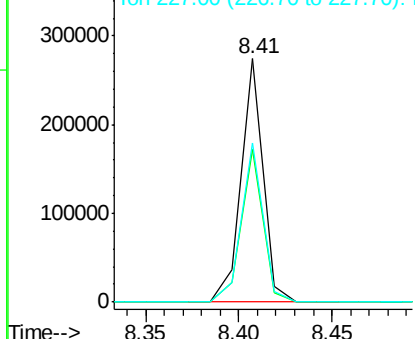
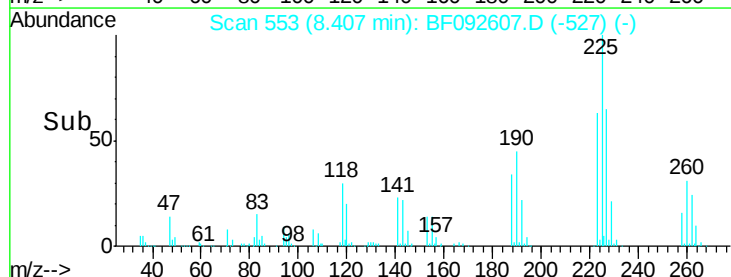


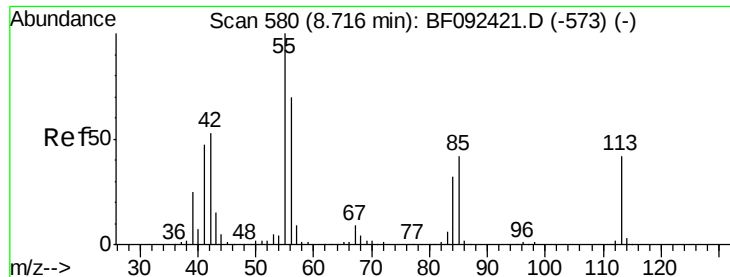
#34
Hexachlorobutadiene
Concen: 39.91 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Tgt Ion:	225	Resp:	225543
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.0	76.6
227	65.4	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

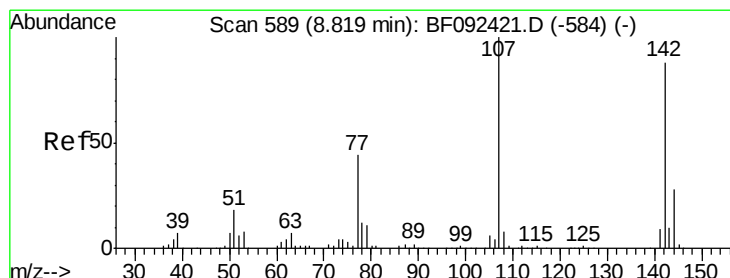
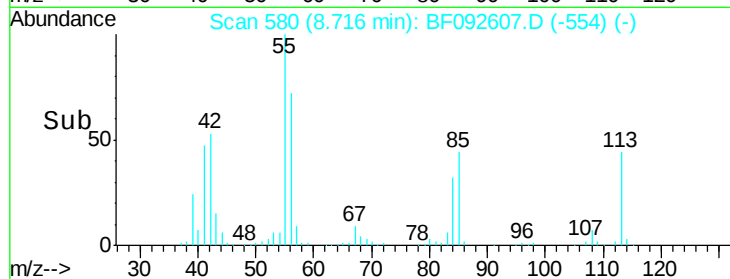
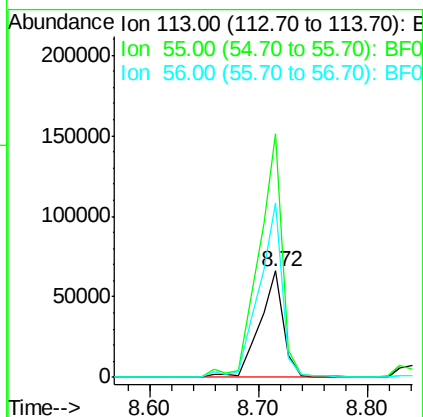
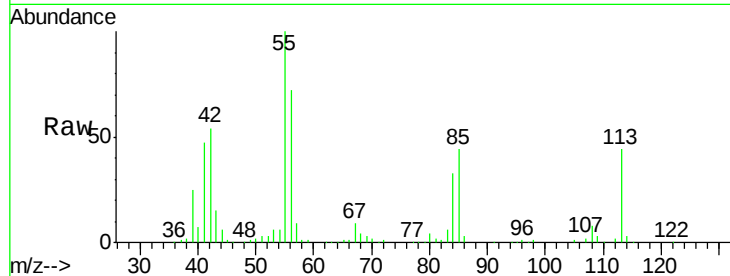




#35
 Caprolactam
 Concen: 31.17 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

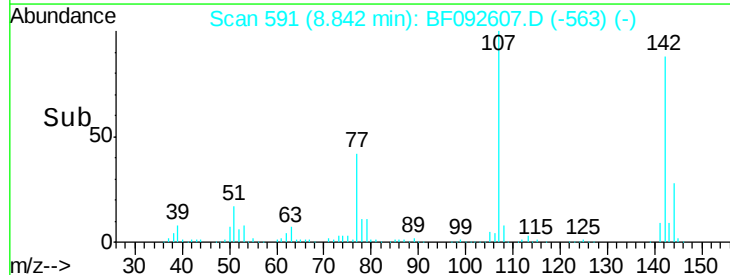
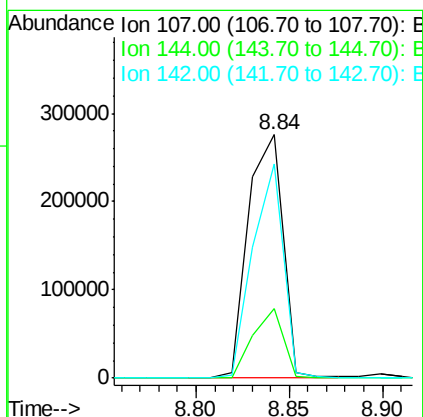
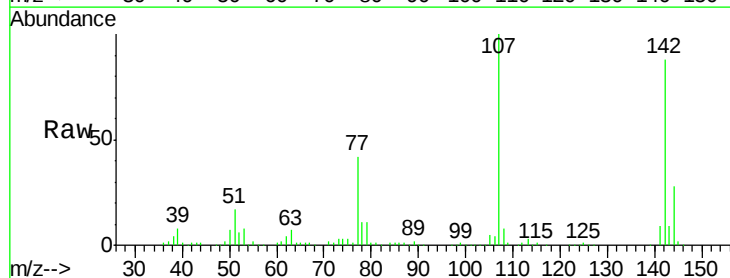
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

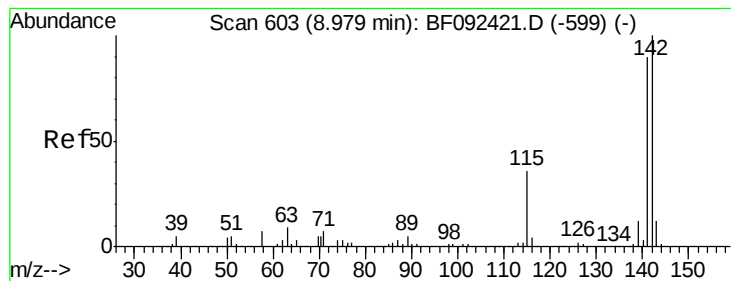
Tgt Ion:113 Resp: 99482
 Ion Ratio Lower Upper
 113 100
 55 229.5 119.2 159.2#
 56 165.0 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 34.71 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion:107 Resp: 357747
 Ion Ratio Lower Upper
 107 100
 144 28.5 19.3 28.9
 142 88.1 59.0 88.6





#37

2-Methylnaphthalene

Concen: 38.38 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

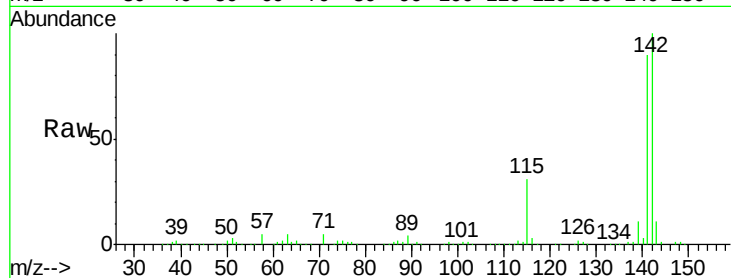
Tgt Ion:142 Resp: 820345

Ion Ratio Lower Upper

142 100

141 89.8 71.0 106.6

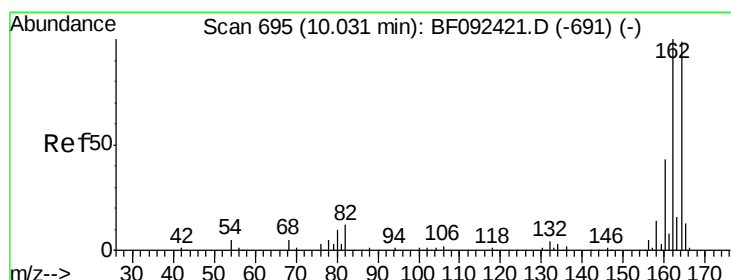
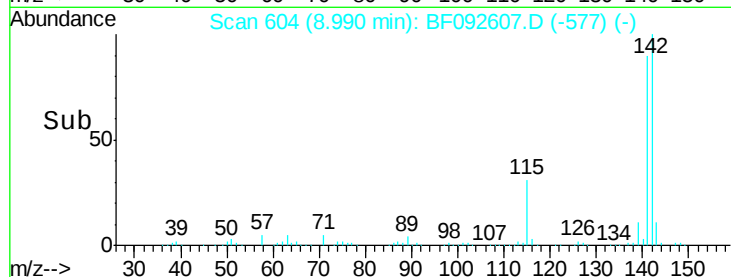
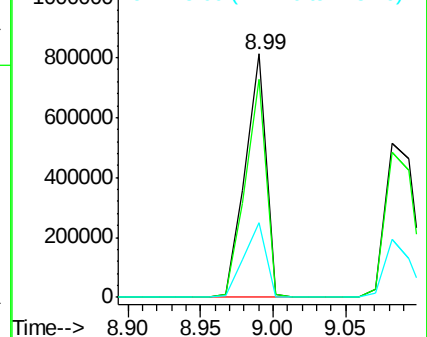
115 30.7 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

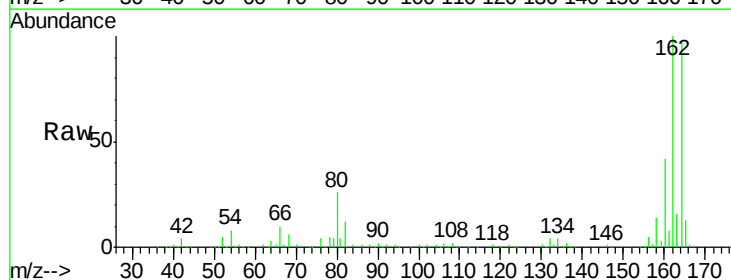
Tgt Ion:164 Resp: 292202

Ion Ratio Lower Upper

164 100

162 102.7 80.2 120.2

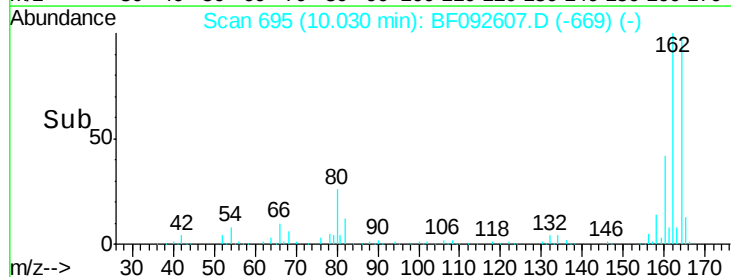
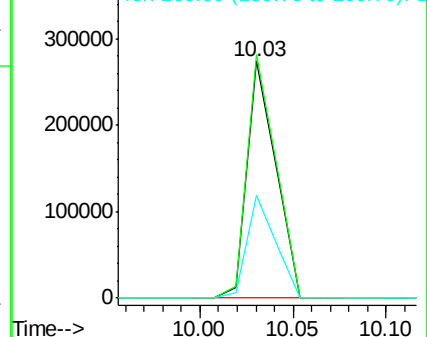
160 43.4 36.9 55.3

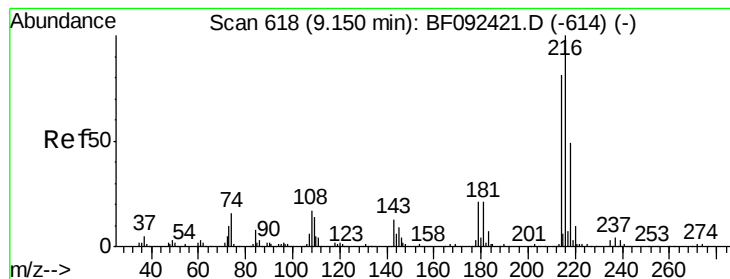


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.00 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 331683

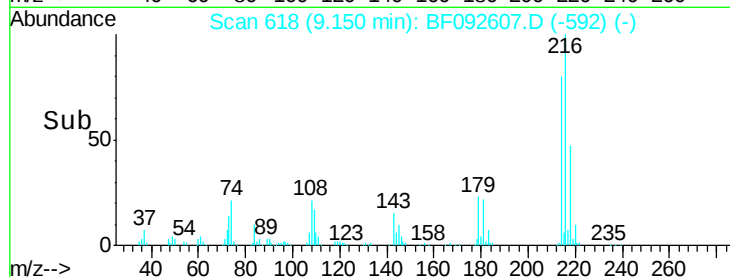
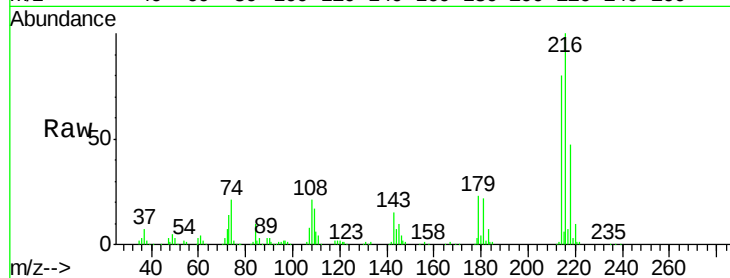
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.9 17.4 26.2

108 18.8 15.6 23.4

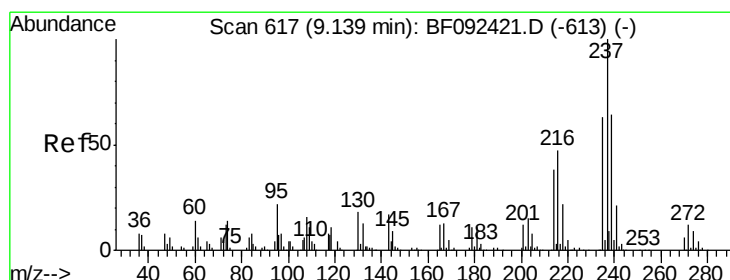
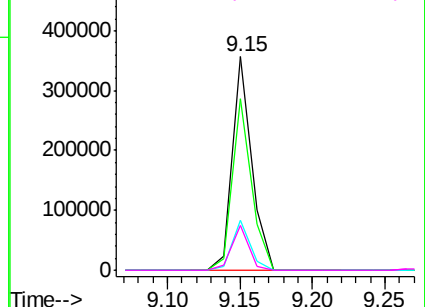


Abundance Ion 216.00 (215.70 to 216.70): E

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: 4.24 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

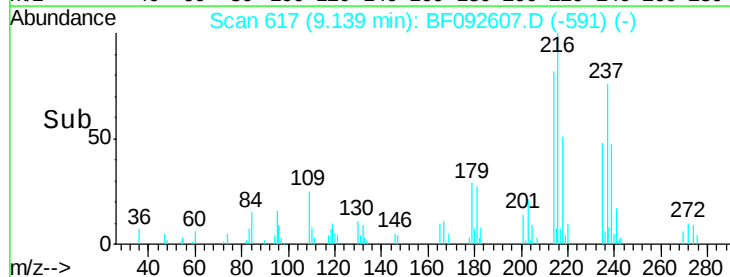
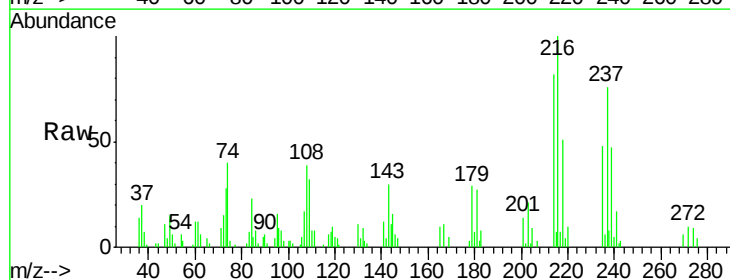
Tgt Ion:237 Resp: 15668

Ion Ratio Lower Upper

237 100

235 62.9 41.2 81.2

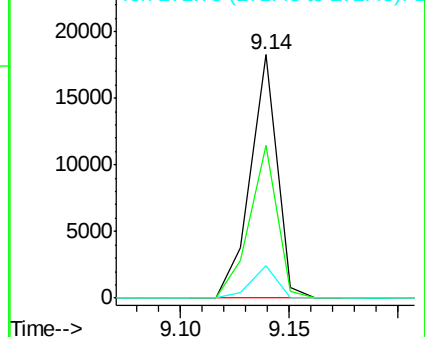
272 13.1 0.0 35.4

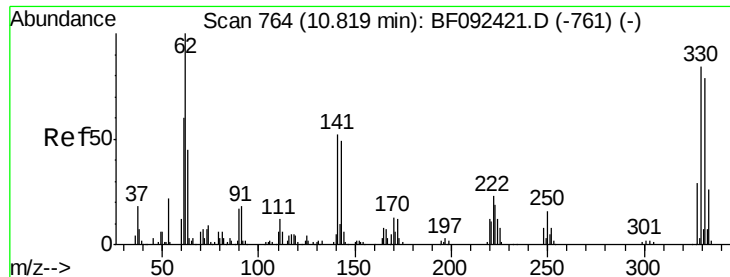


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 73.52 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

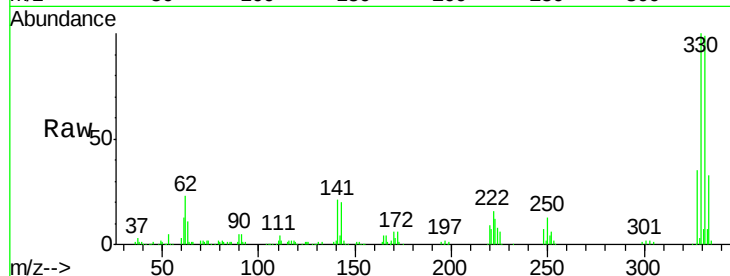
Tgt Ion:330 Resp: 146394

Ion Ratio Lower Upper

330 100

332 99.3 77.4 116.2

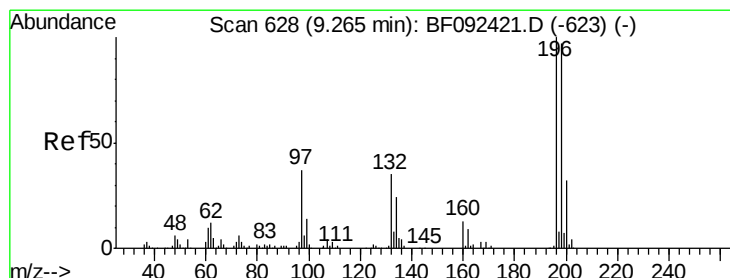
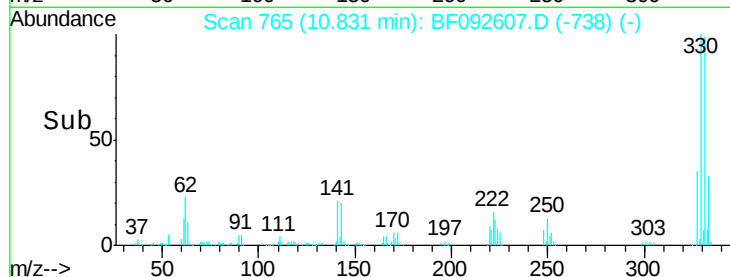
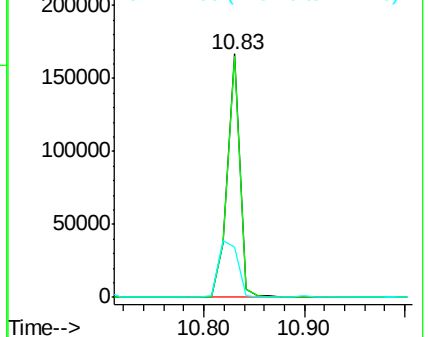
141 35.5 34.1 51.1



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: 38.15 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

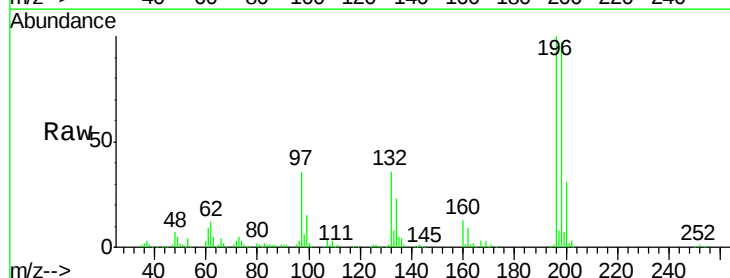
Tgt Ion:196 Resp: 215424

Ion Ratio Lower Upper

196 100

198 97.1 82.1 123.1

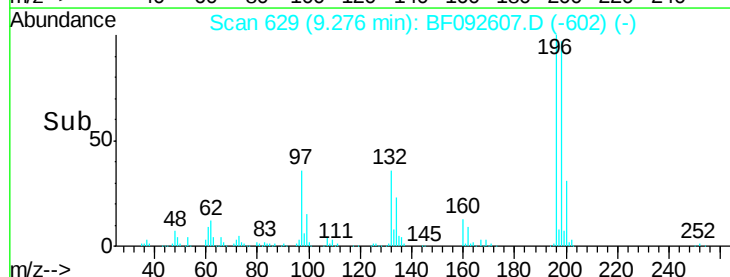
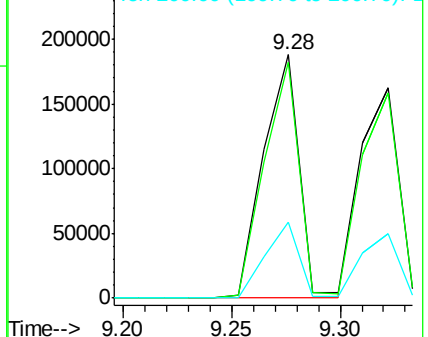
200 31.1 27.0 40.4

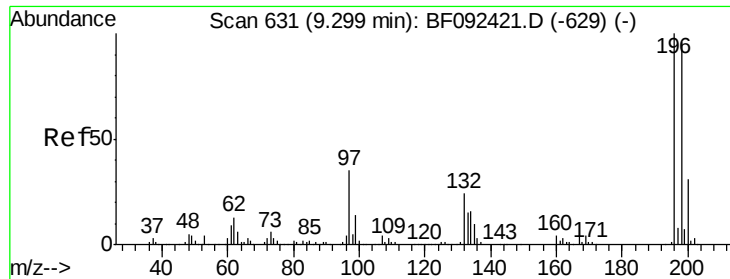


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

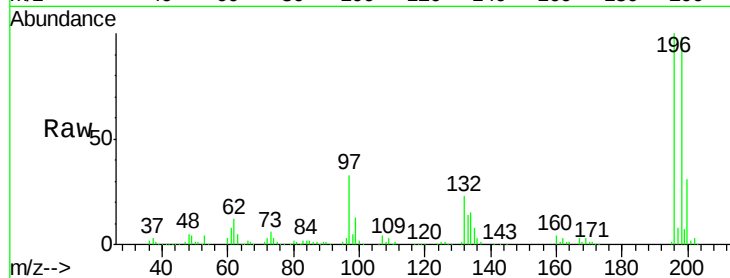




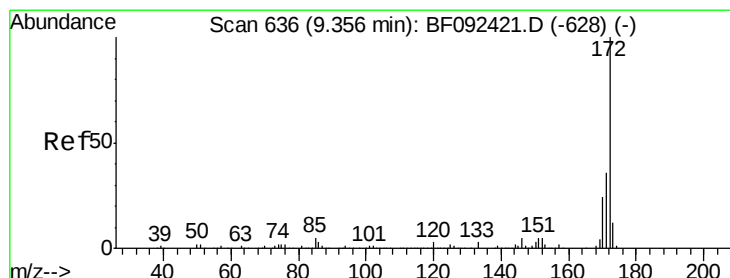
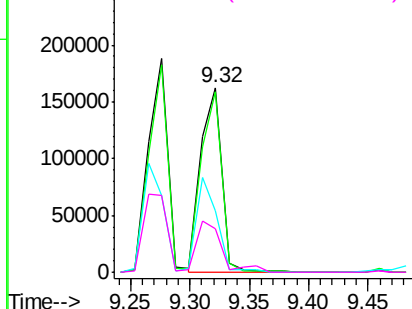
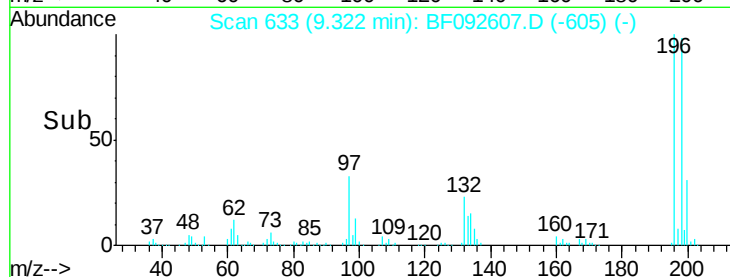
#43
 2,4,5-Trichlorophenol
 Concen: 39.20 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.02 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 202557
 Ion Ratio Lower Upper
 196 100
 198 97.5 79.4 119.2
 97 33.2 51.5 77.3#
 132 23.3 27.4 41.2#

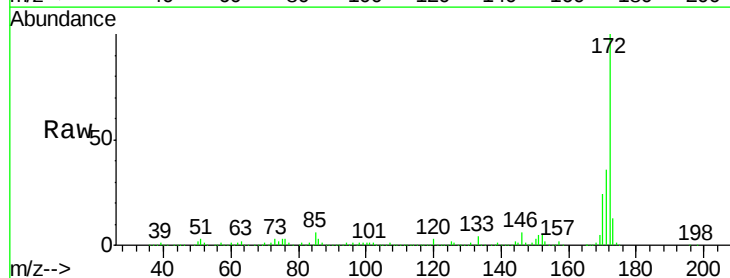


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

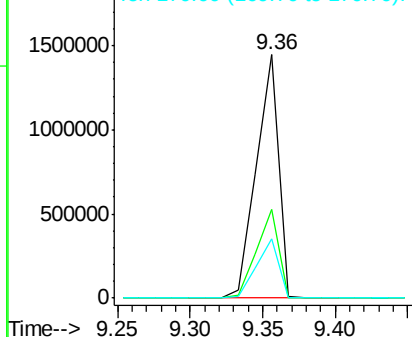
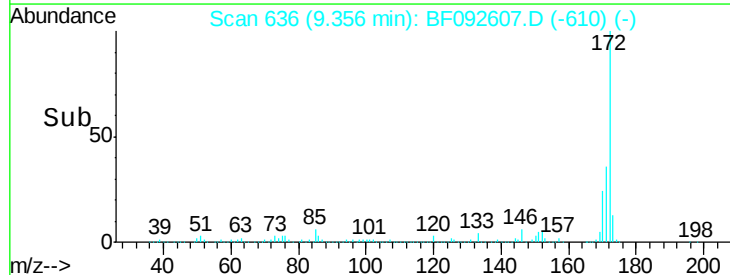


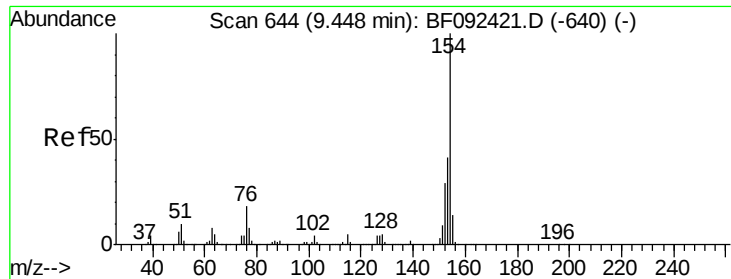
#44
 2-Fluorobiphenyl
 Concen: 97.21 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion:172 Resp: 1536063
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.4 20.2 30.4



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

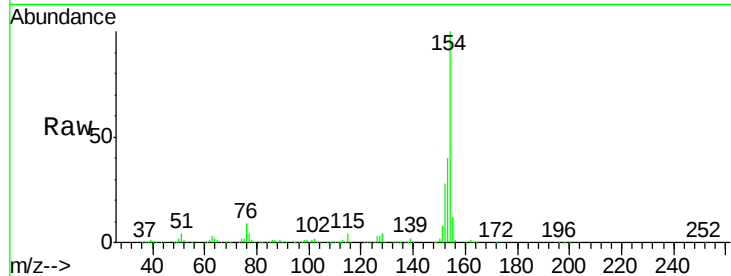




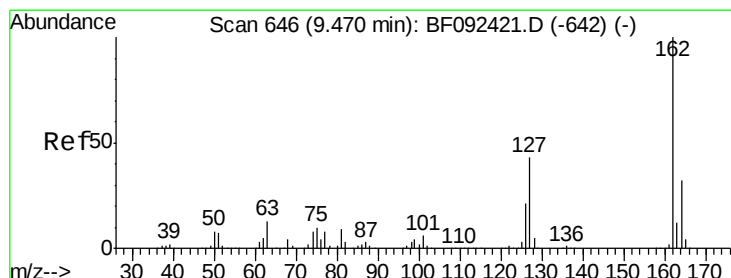
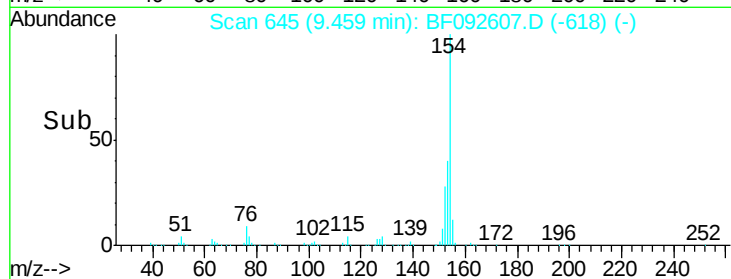
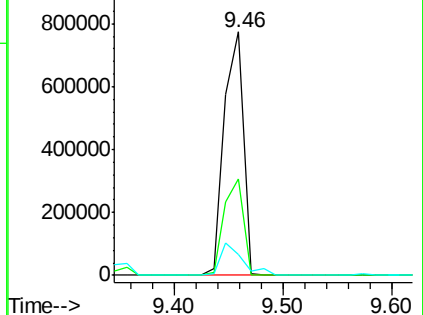
#45
 1,1'-Biphenyl
 Concen: 44.79 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.9	60.9
76	8.5	0.0	30.5

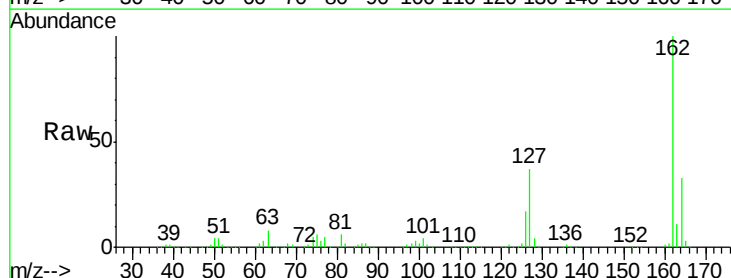


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

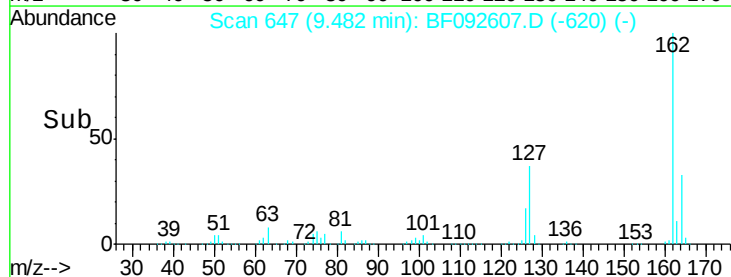
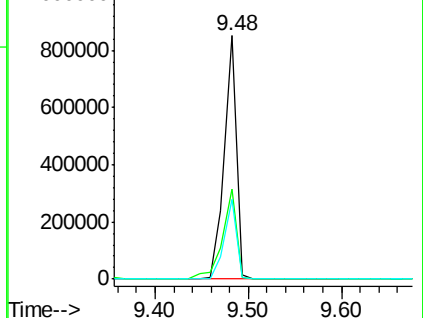


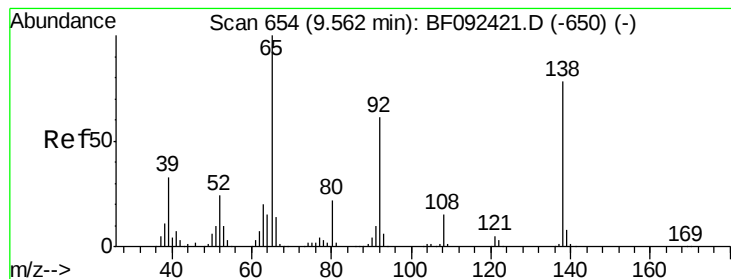
#46
 2-Chloronaphthalene
 Concen: 44.39 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.7	46.1
164	33.0	27.6	41.4



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: 40.47 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

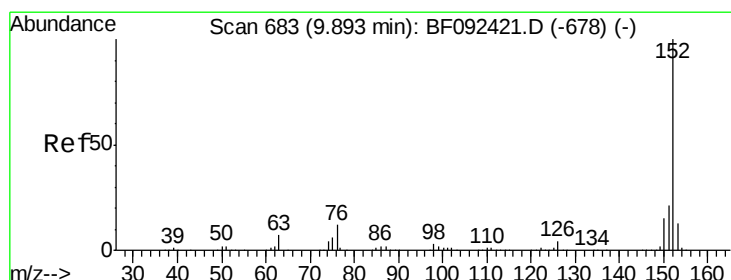
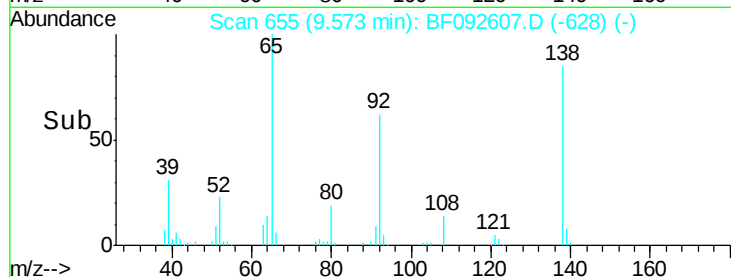
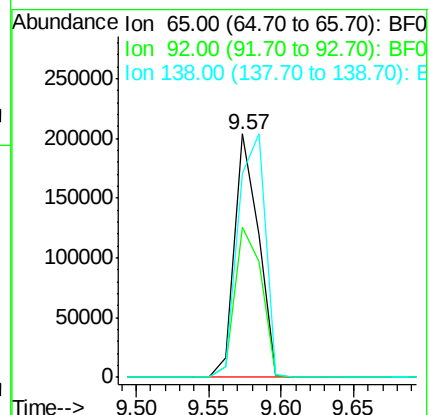
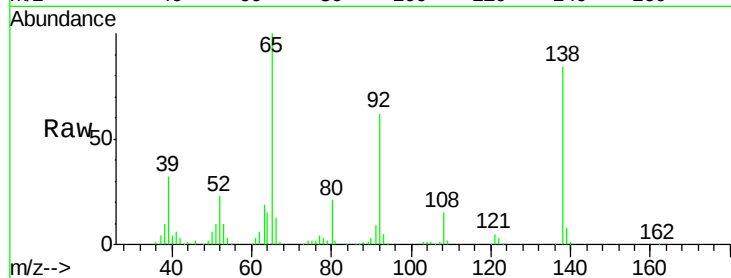
Tgt Ion: 65 Resp: 235120

Ion Ratio Lower Upper

65 100

92 61.6 53.9 80.9

138 84.2 76.8 115.2



#48

Acenaphthylene

Concen: 39.39 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

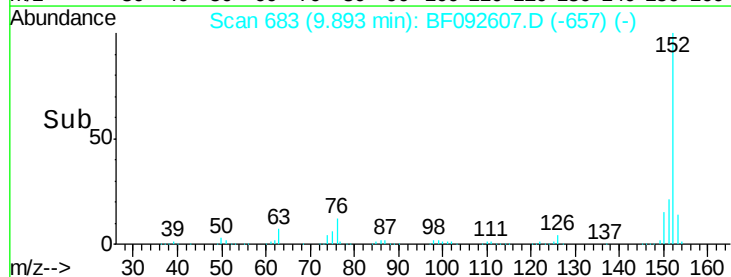
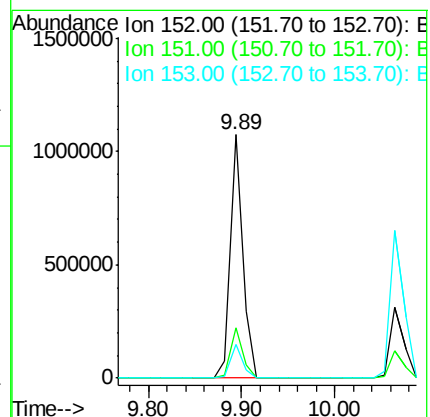
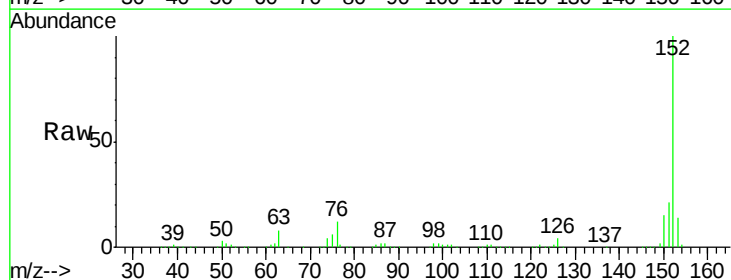
Tgt Ion: 152 Resp: 996818

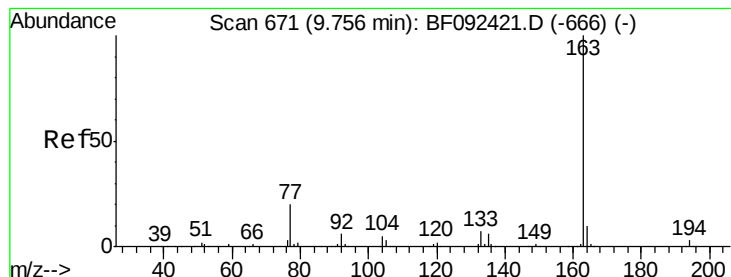
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 48.75 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

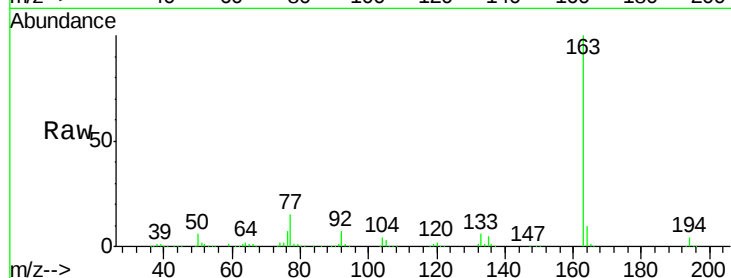
Tgt Ion:163 Resp: 905763

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 9.7 8.0 12.0



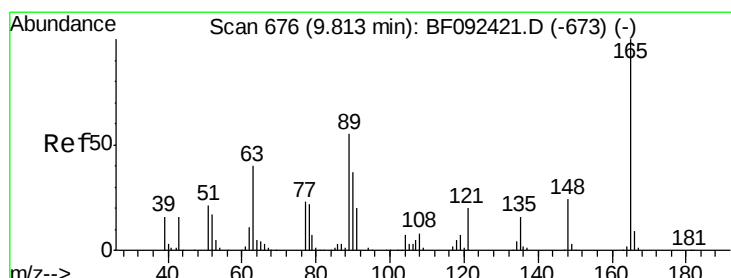
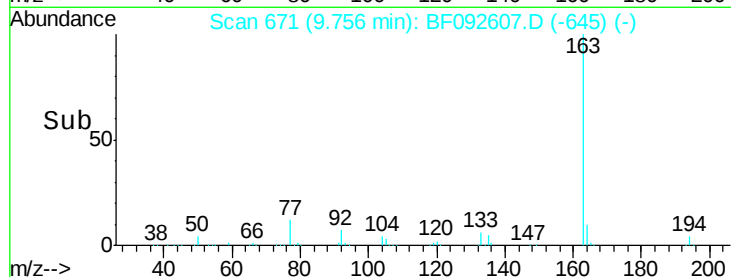
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.76

Time-->



#50

2,6-Dinitrotoluene

Concen: 33.41 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

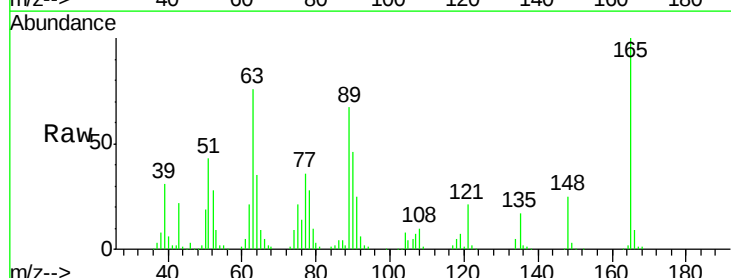
Tgt Ion:165 Resp: 126878

Ion Ratio Lower Upper

165 100

63 76.3 36.2 54.4#

89 66.8 40.2 60.4#



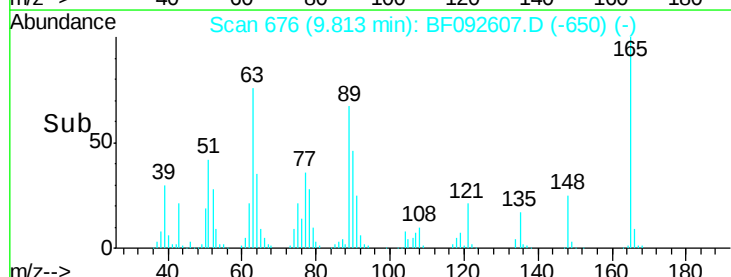
Abundance Ion 165.00 (164.70 to 165.70): E

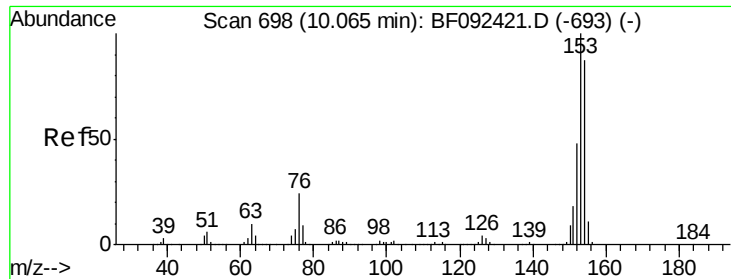
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

9.81

Time-->





#51

Acenaphthene

Concen: 36.27 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

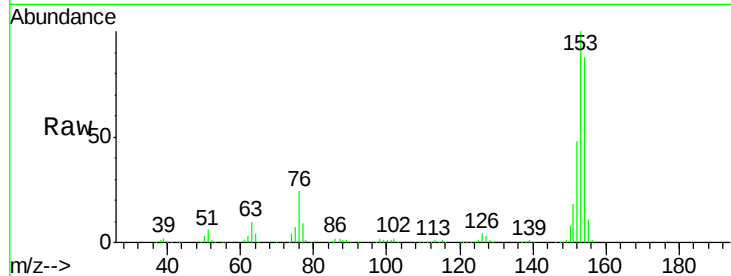
Tgt Ion:154 Resp: 570310

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

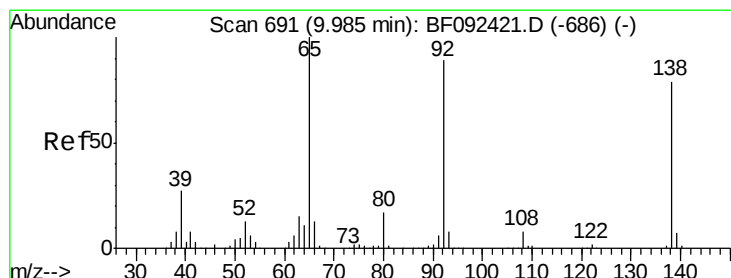
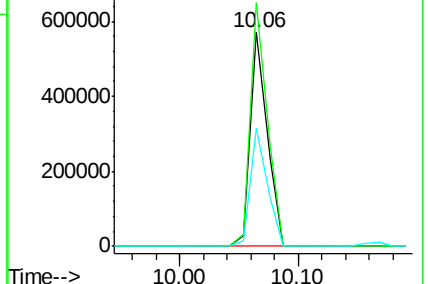
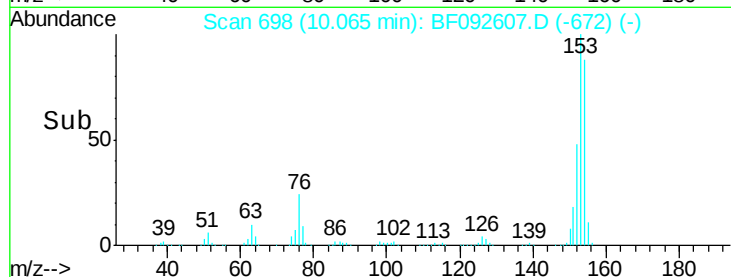
152 55.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 52.31 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

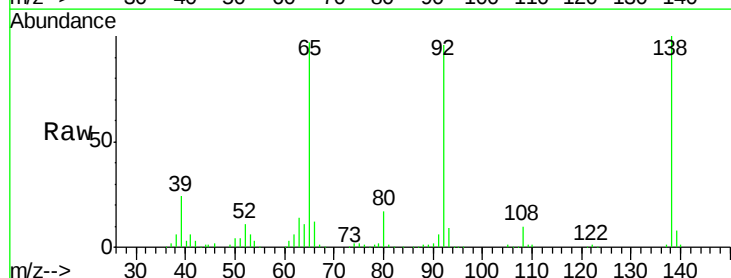
Tgt Ion:138 Resp: 248811

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

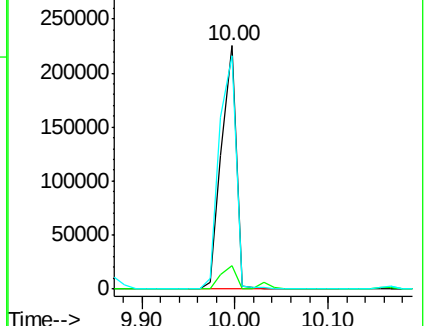
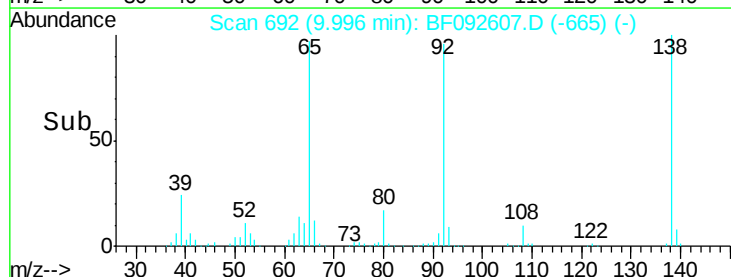
92 95.8 97.8 146.8#

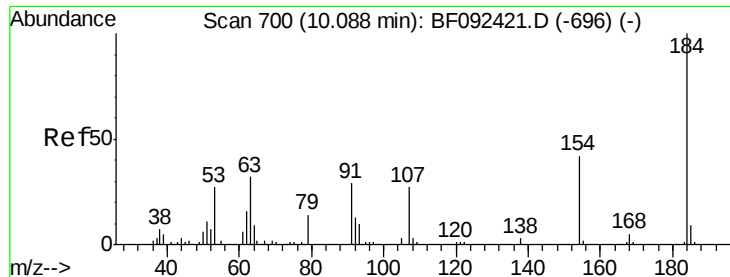


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

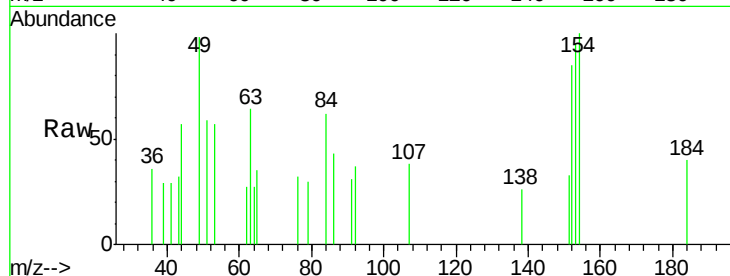




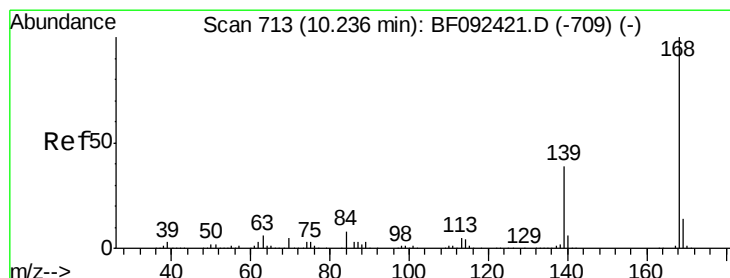
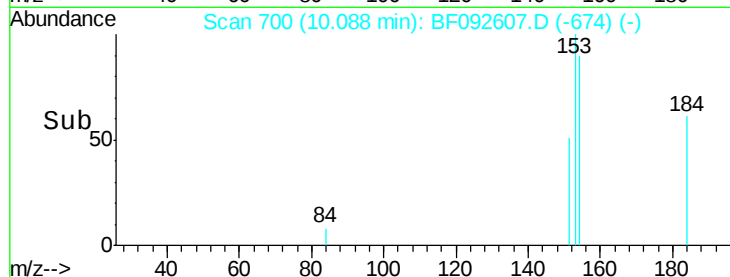
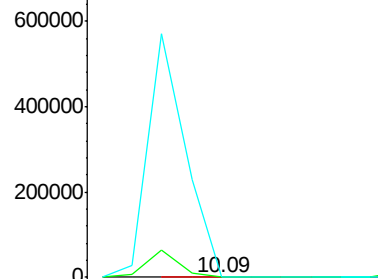
#53
 2,4-Dinitrophenol
 Concen: 3.34 ng
 RT: 10.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 614
 Ion Ratio Lower Upper
 184 100
 63 161.7 28.4 42.6#
 154 252.8 44.3 66.5#

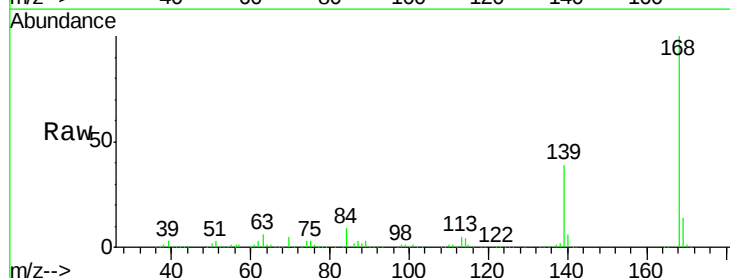


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

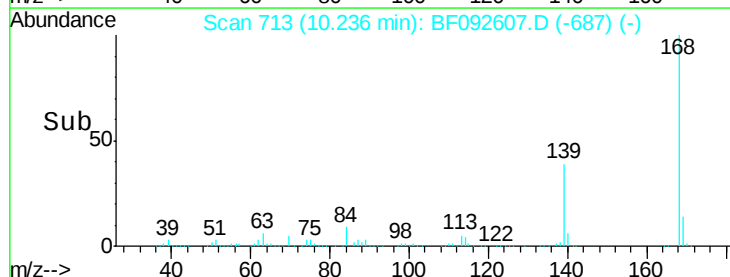
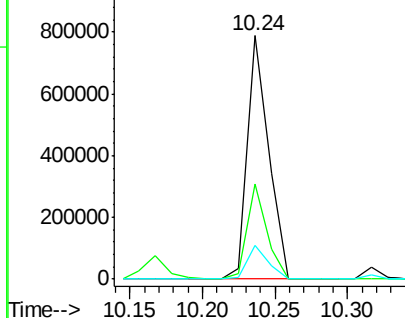


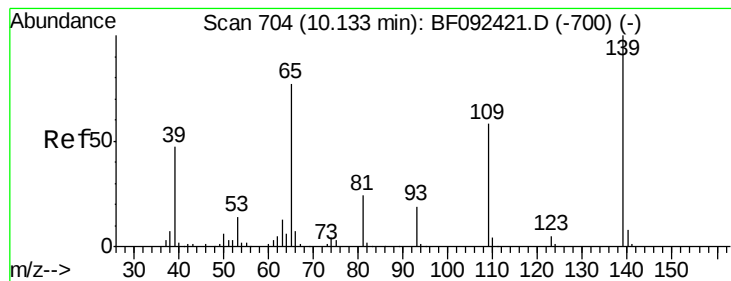
#54
 Dibenzofuran
 Concen: 37.63 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion:168 Resp: 803369
 Ion Ratio Lower Upper
 168 100
 139 38.9 32.6 49.0
 169 14.0 11.3 16.9



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





#55

4-Nitrophenol

Concen: 23.92 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.03 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

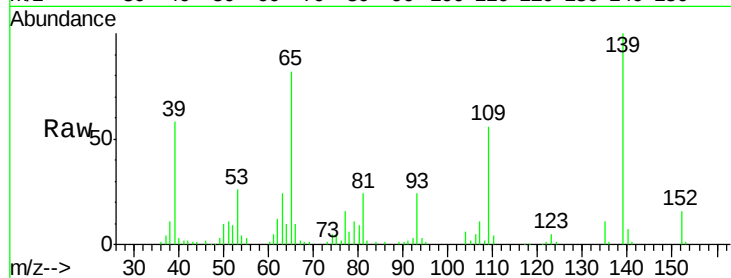
Tgt Ion:139 Resp: 90368

Ion Ratio Lower Upper

139 100

109 56.3 52.2 92.2

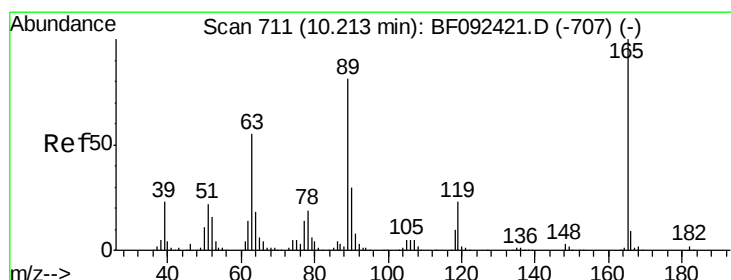
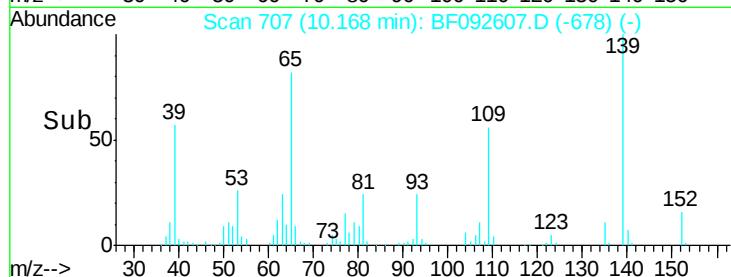
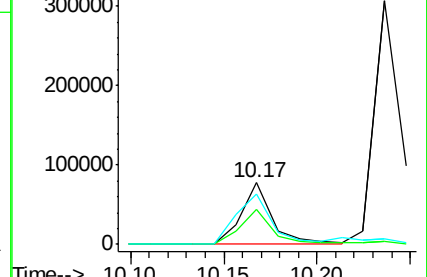
65 82.4 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 31.04 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Tgt Ion:165 Resp: 156495

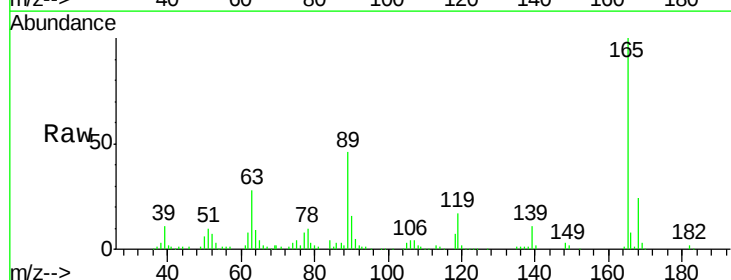
Ion Ratio Lower Upper

165 100

63 27.7 40.2 60.4#

89 45.9 62.5 93.7#

182 2.3 1.8 2.8

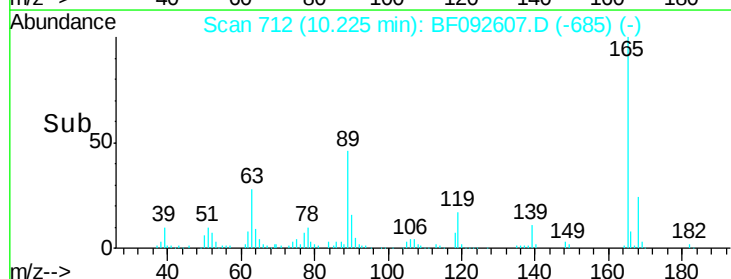
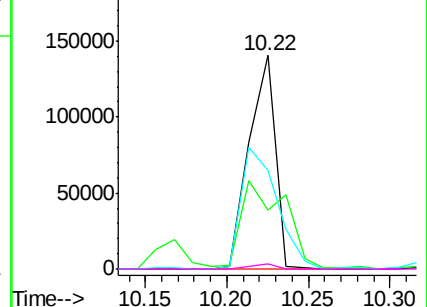


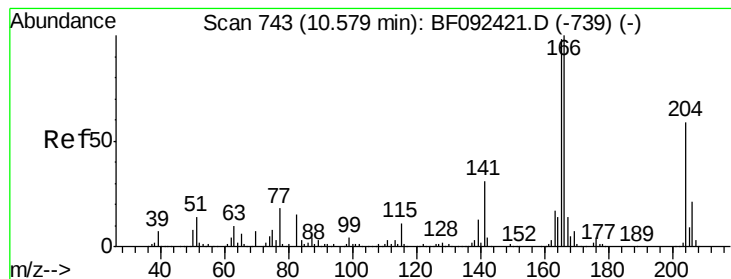
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.13 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

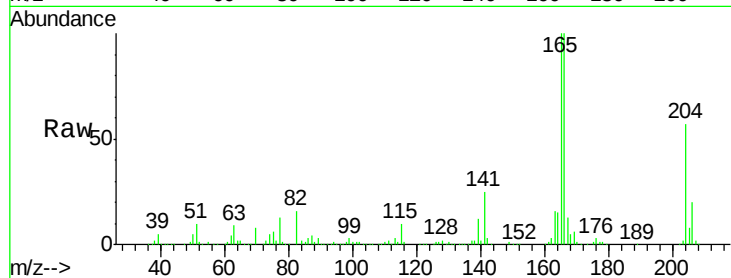
Tgt Ion:166 Resp: 603643

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

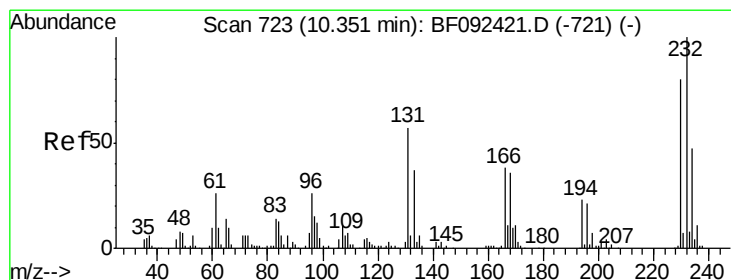
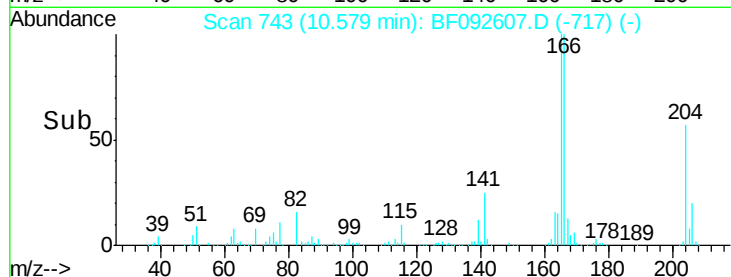
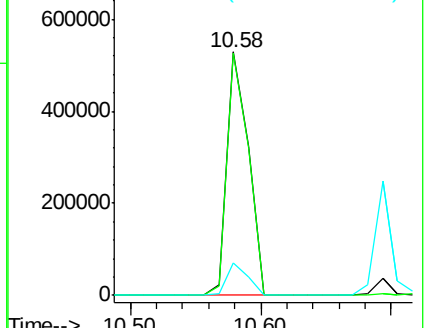
167 13.5 10.8 16.2



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: 36.10 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Tgt Ion:232 Resp: 139777

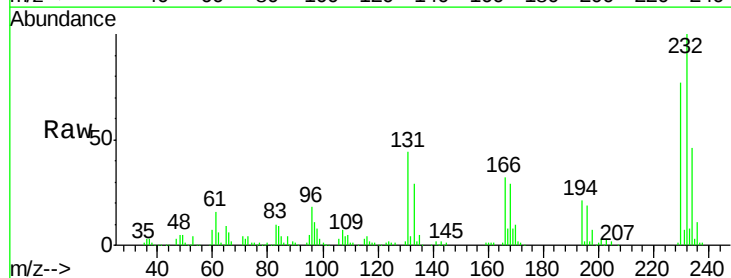
Ion Ratio Lower Upper

232 100

131 45.2 40.1 60.1

130 2.0 1.8 2.8

166 31.8 26.6 39.8

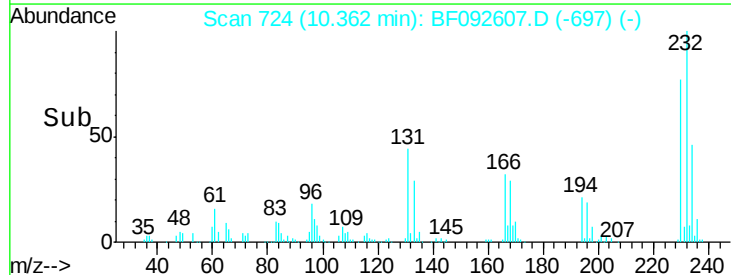
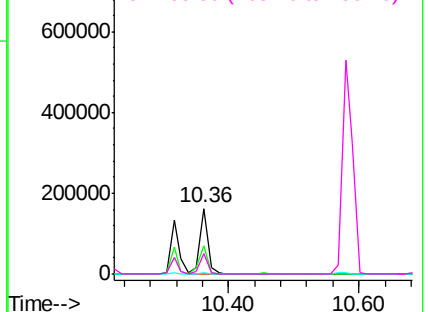


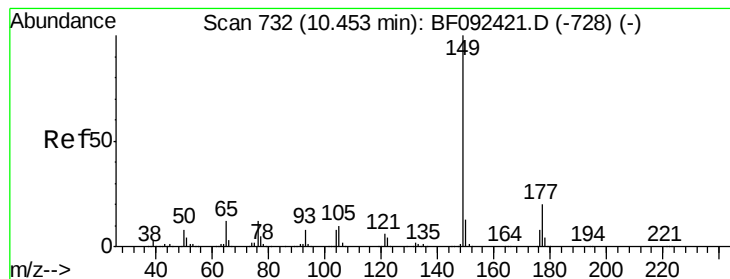
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.12 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

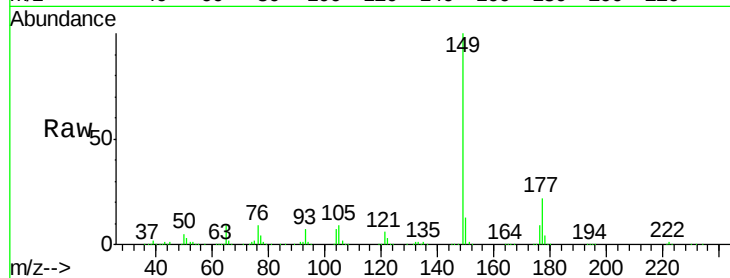
Tgt Ion:149 Resp: 768340

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

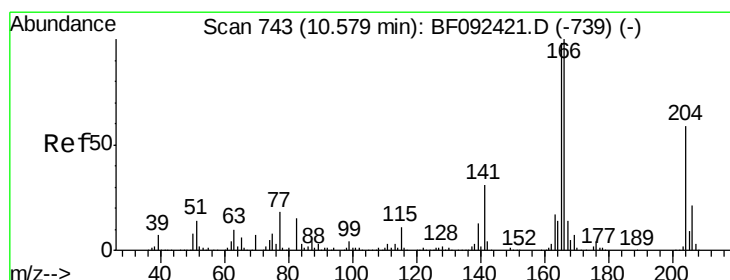
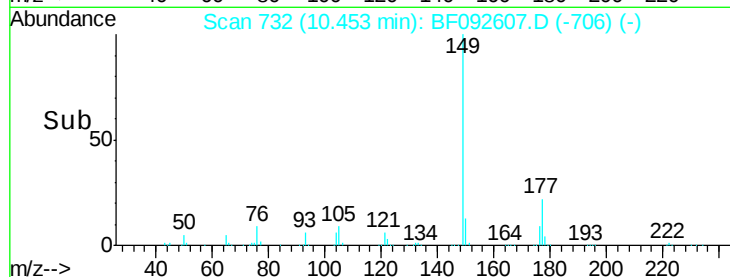
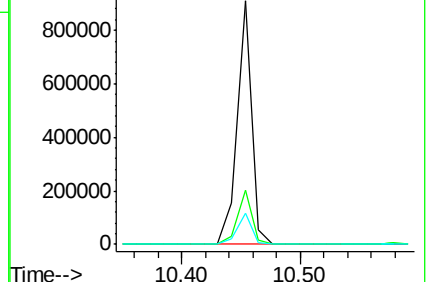
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.09 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

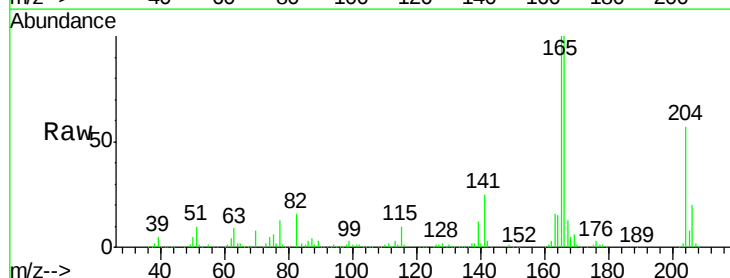
Tgt Ion:204 Resp: 330822

Ion Ratio Lower Upper

204 100

206 34.7 25.8 38.6

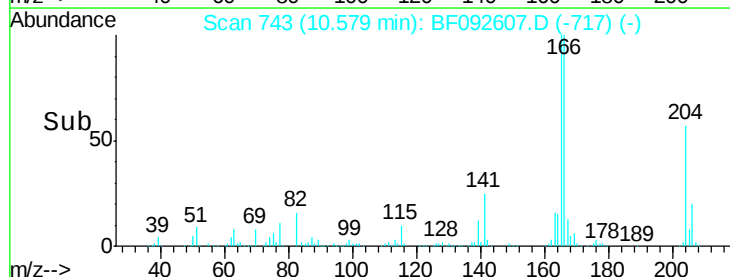
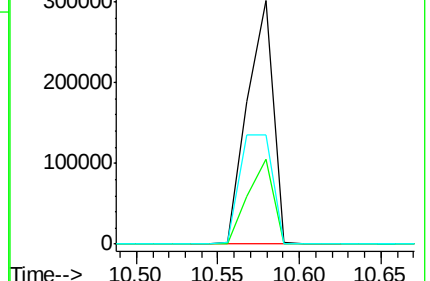
141 44.7 59.4 89.0#

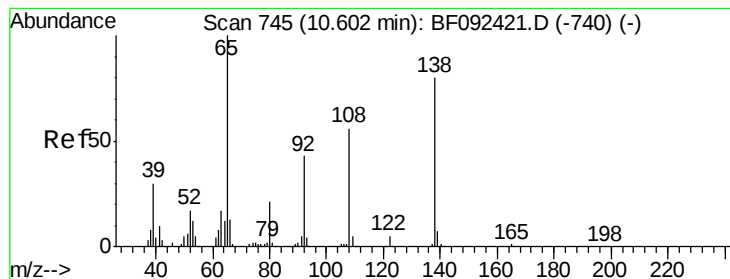


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.08 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

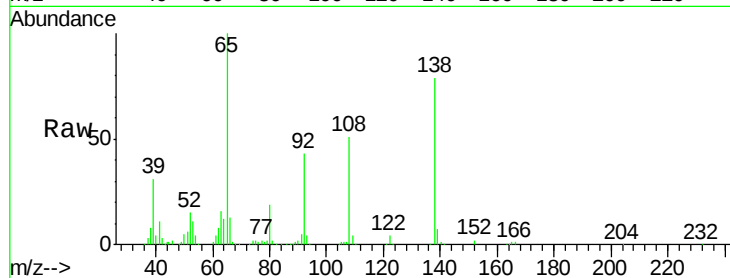
Tgt Ion:138 Resp: 195431

Ion Ratio Lower Upper

138 100

92 54.9 31.7 71.7

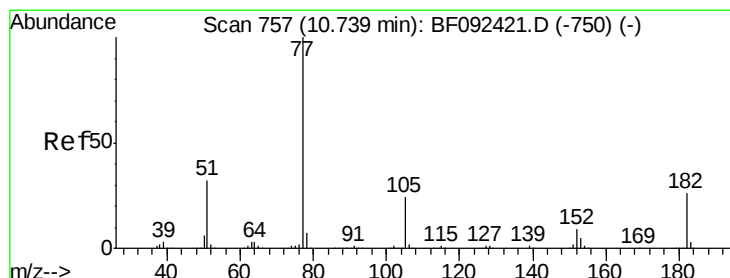
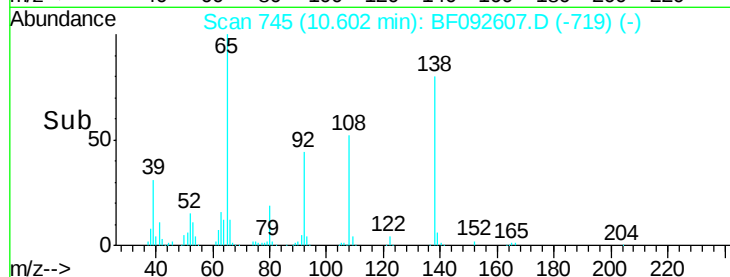
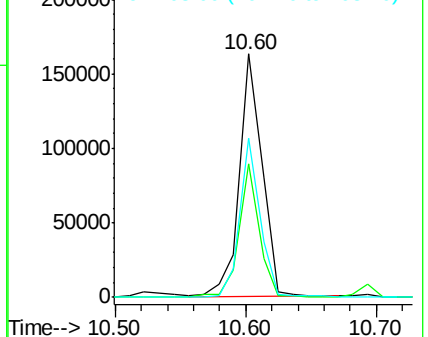
108 65.2 52.6 92.6



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: 35.33 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Tgt Ion: 77 Resp: 716302

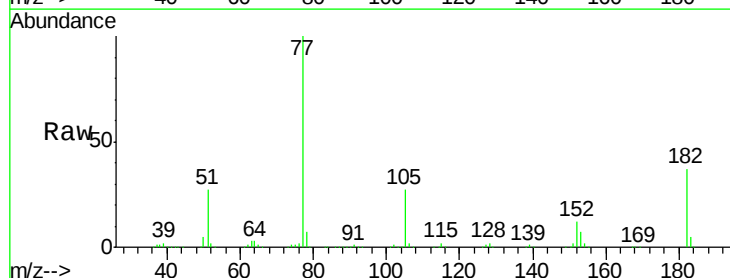
Ion Ratio Lower Upper

77 100

182 36.6 0.0 39.3

105 27.2 2.3 42.3

51 27.5 8.9 48.9

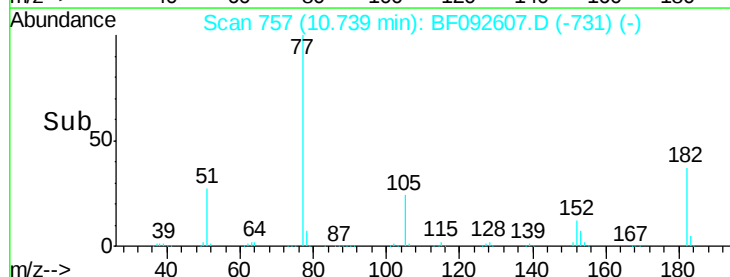
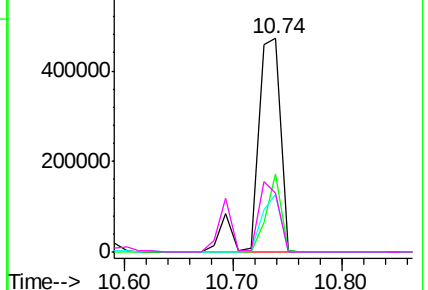


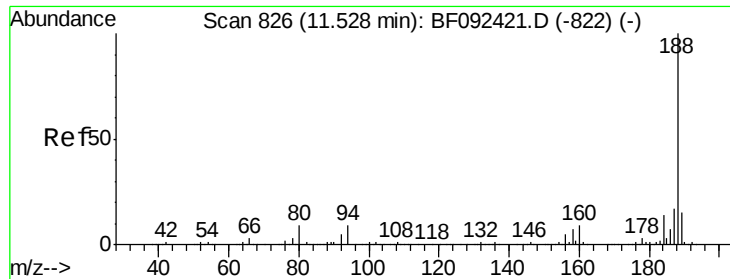
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

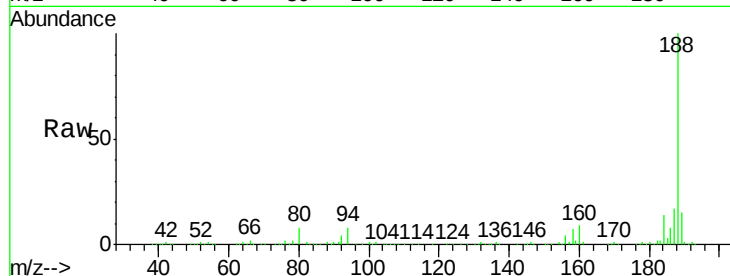




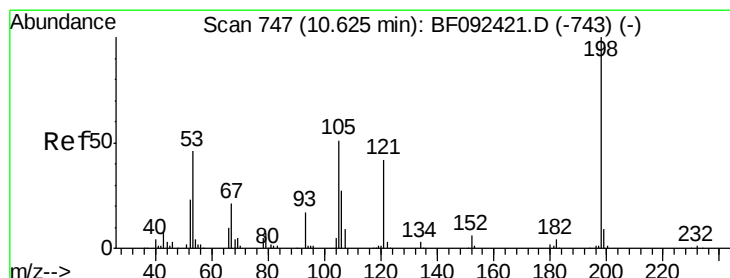
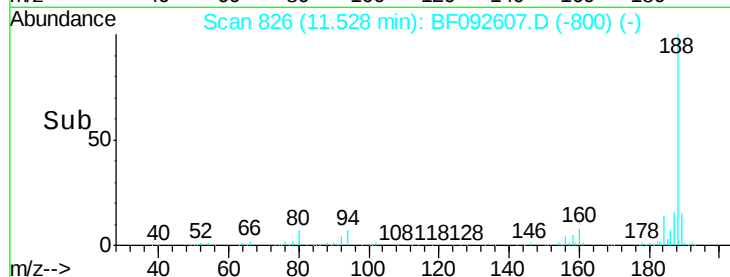
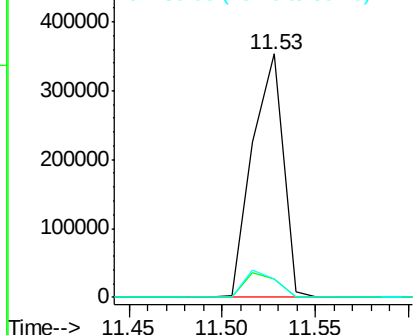
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 406203
Ion Ratio Lower Upper
188 100
94 7.7 10.0 15.0#
80 7.5 11.2 16.8#

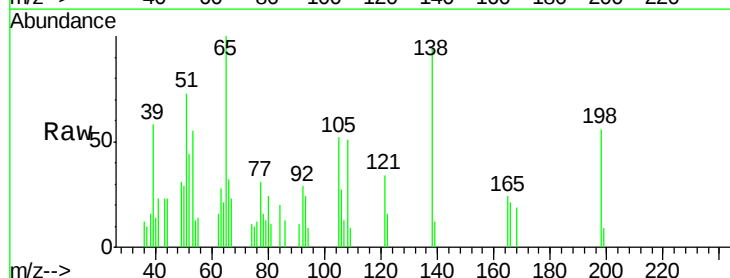


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

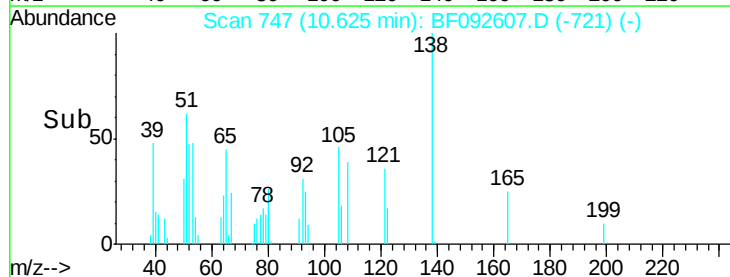
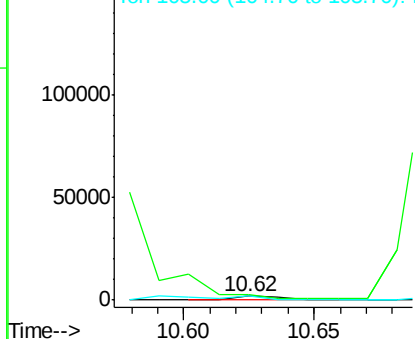


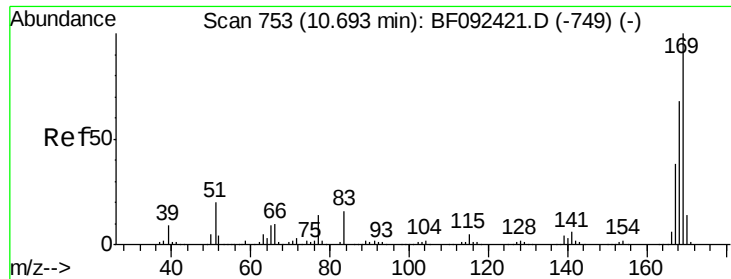
#64
4,6-Dinitro-2-methylphenol
Concen: 5.87 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Tgt Ion:198 Resp: 2245
Ion Ratio Lower Upper
198 100
51 130.7 6.7 46.7#
105 92.9 16.6 56.6#



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

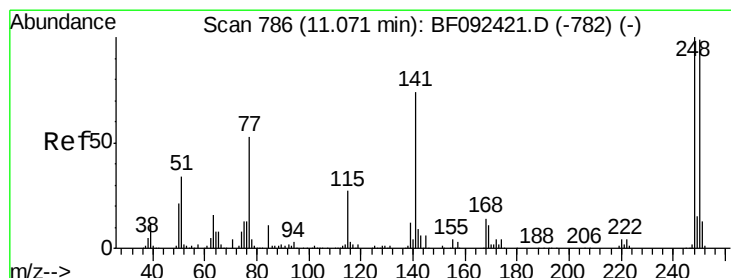
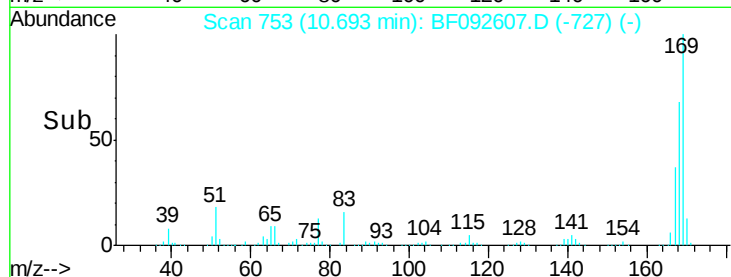
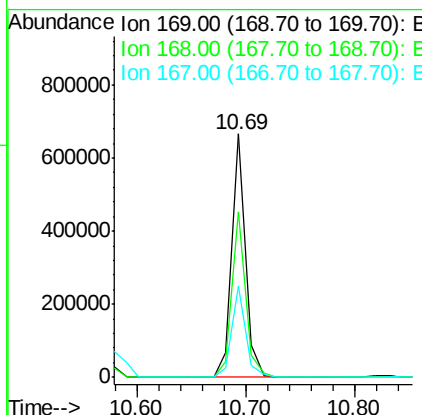
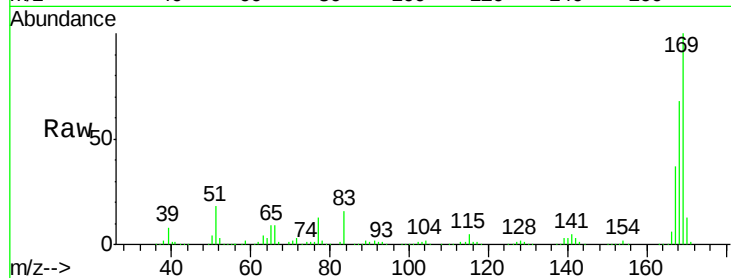




#65
 n-Nitrosodiphenylamine
 Concen: 44.84 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

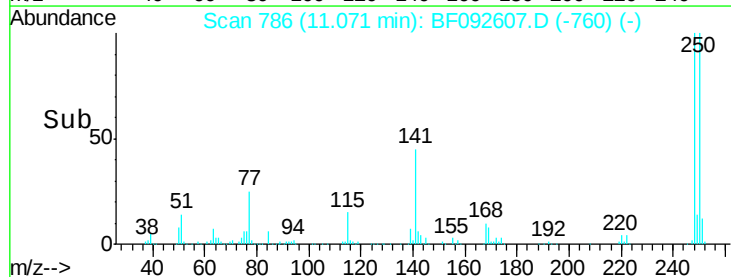
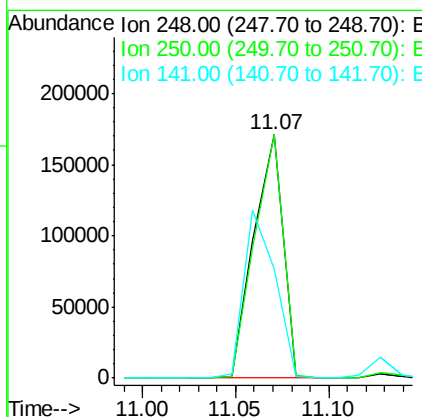
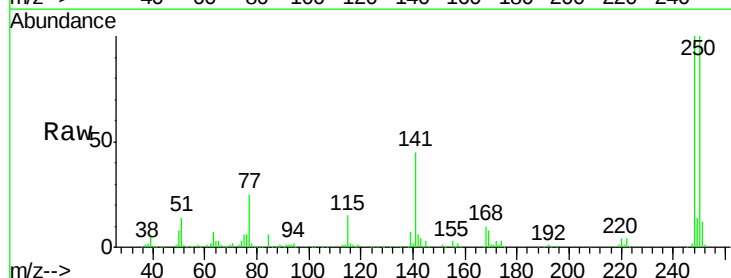
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

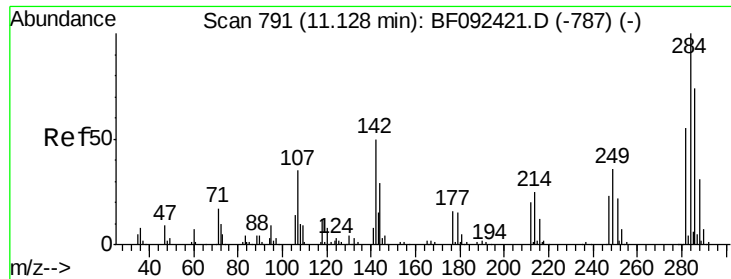
Tgt Ion:169 Resp: 568823
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.2 81.2
 167 37.3 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 45.15 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion:248 Resp: 185164
 Ion Ratio Lower Upper
 248 100
 250 100.1 76.9 115.3
 141 44.8 68.2 102.4#





#67

Hexachlorobenzene

Concen: 42.26 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

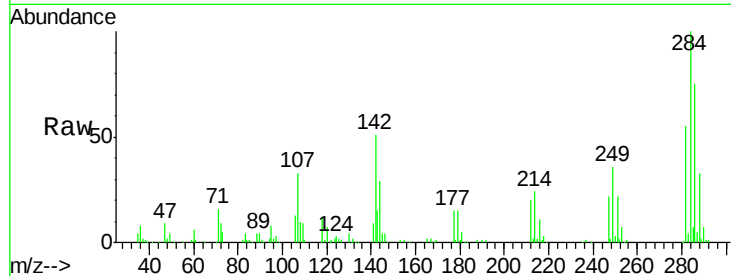
Tgt Ion:284 Resp: 175207

Ion Ratio Lower Upper

284 100

142 50.9 22.6 33.8#

249 35.7 25.4 38.0



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

200000

150000

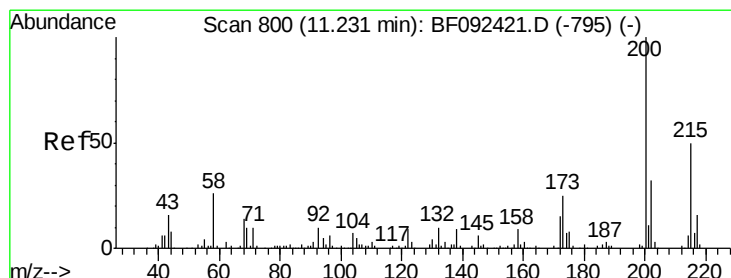
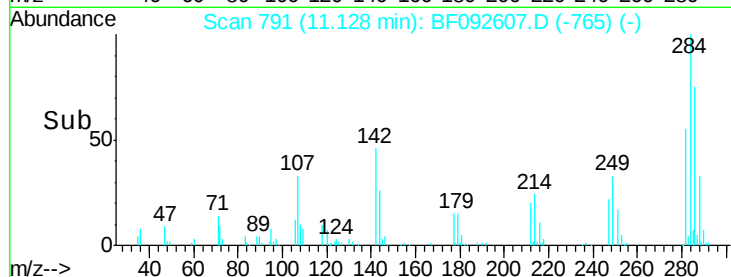
100000

50000

0

11.10 11.15

Time-->



#68

Atrazine

Concen: 40.47 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

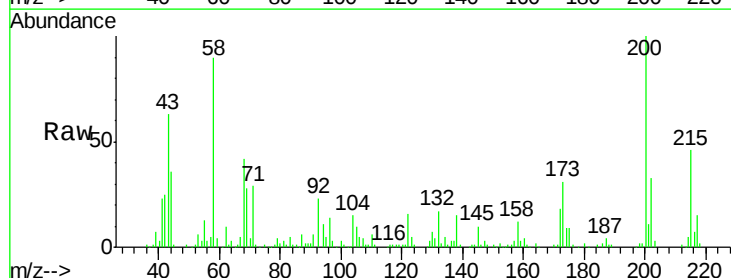
Tgt Ion:200 Resp: 175730

Ion Ratio Lower Upper

200 100

173 30.8 9.6 49.6

215 45.8 25.7 65.7



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

200000

150000

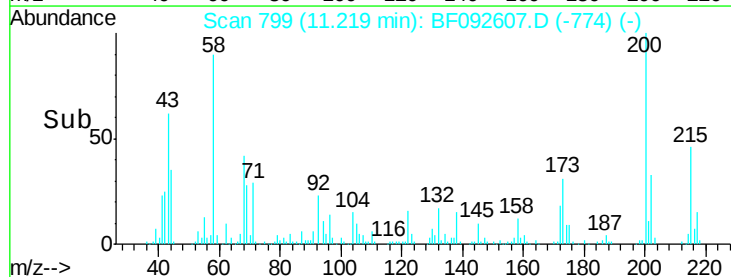
100000

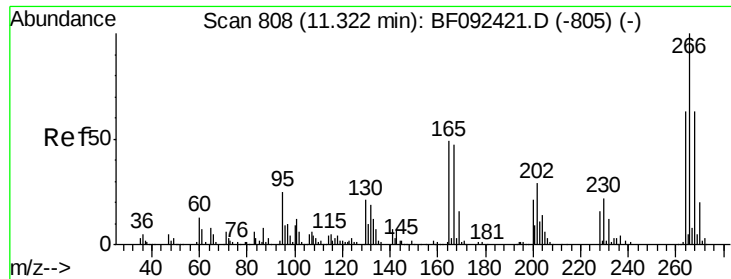
50000

0

11.15 11.20 11.25 11.30

Time-->

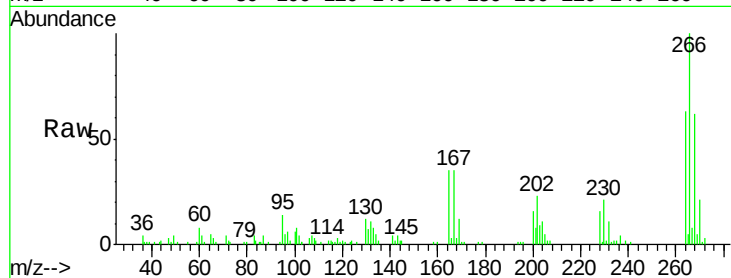




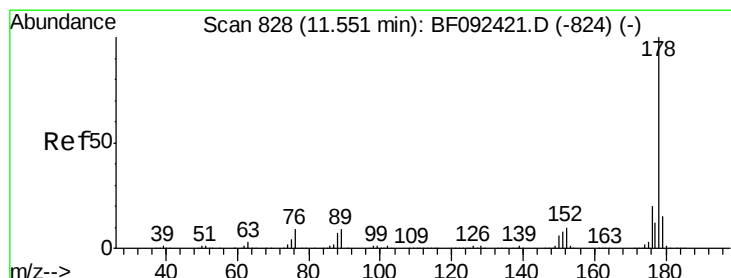
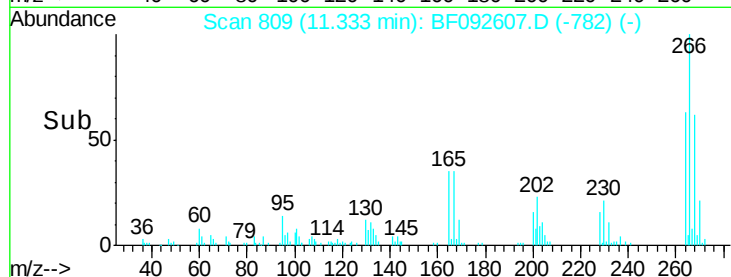
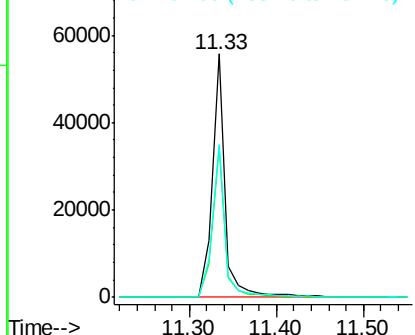
#69
 Pentachlorophenol
 Concen: 21.86 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 57940
 Ion Ratio Lower Upper
 266 100
 268 61.5 53.3 79.9
 264 62.9 50.3 75.5

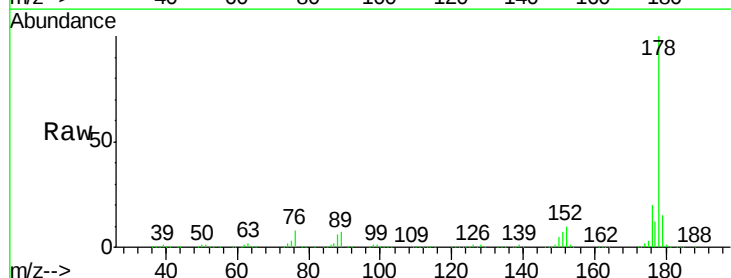


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

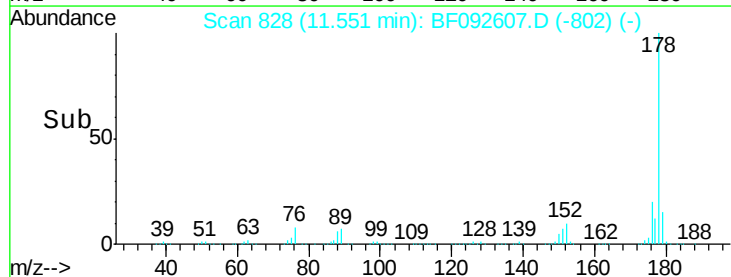
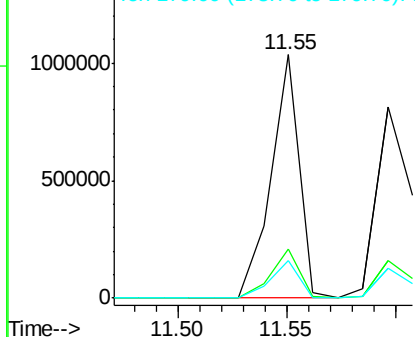


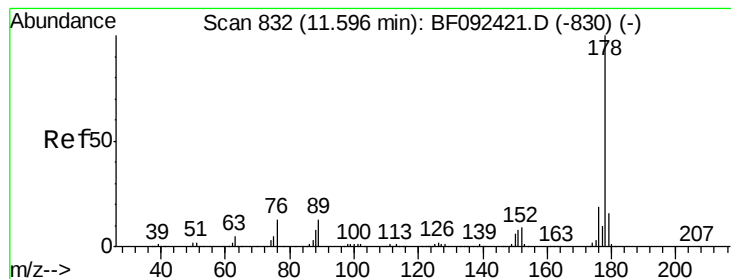
#70
 Phenanthrene
 Concen: 41.98 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion:178 Resp: 939088
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.3 12.8 19.2



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





#71

Anthracene

Concen: 40.95 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

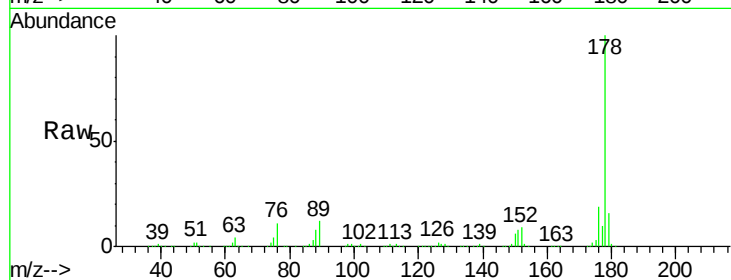
Tgt Ion:178 Resp: 895259

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

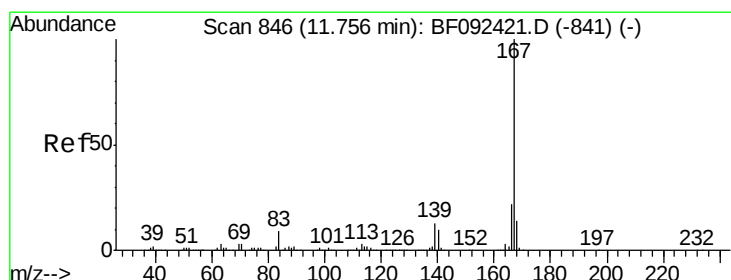
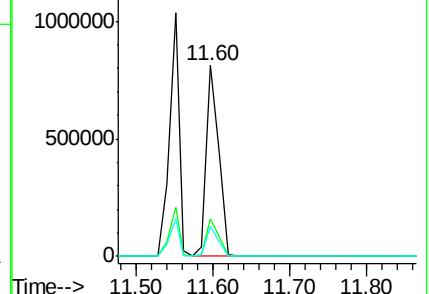
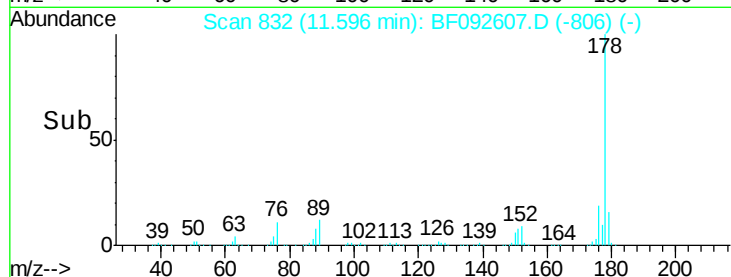
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.01 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

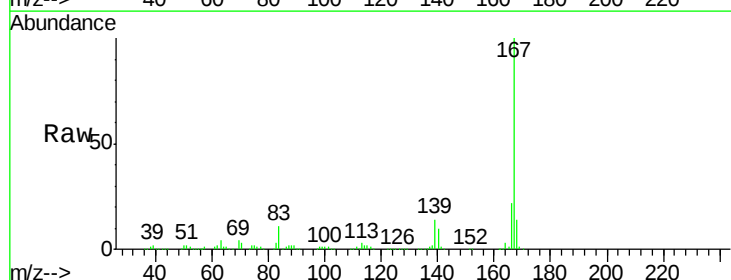
Tgt Ion:167 Resp: 793454

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

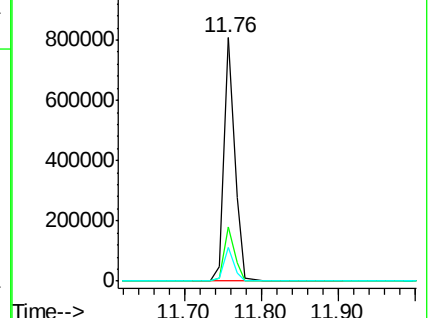
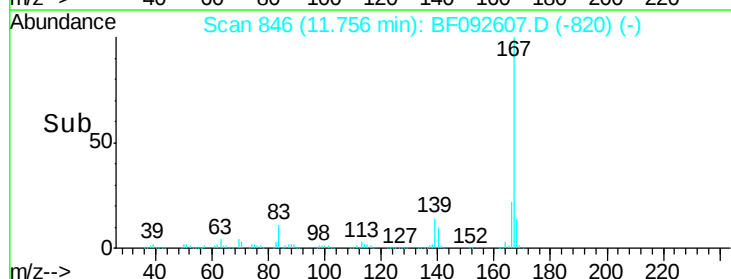
139 13.7 11.4 17.2

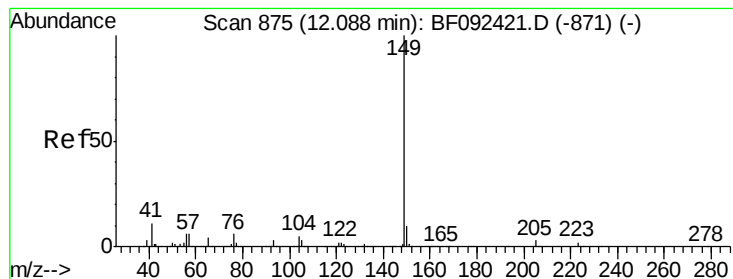


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.65 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

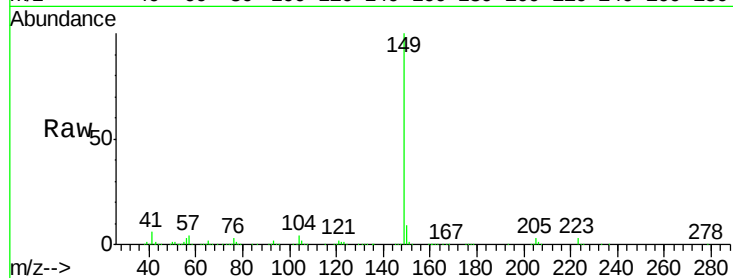
Tgt Ion:149 Resp: 1113428

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

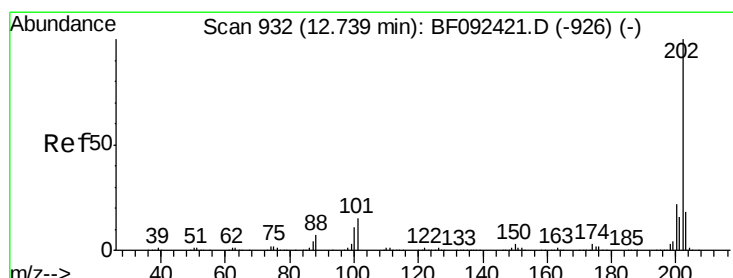
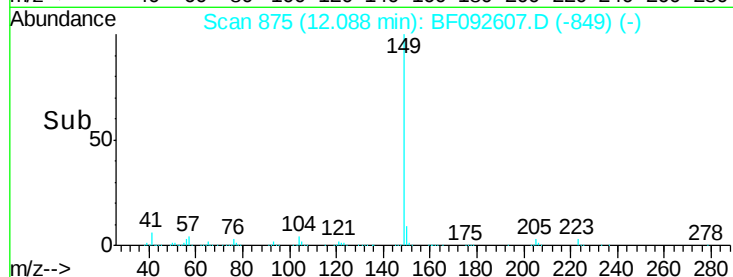
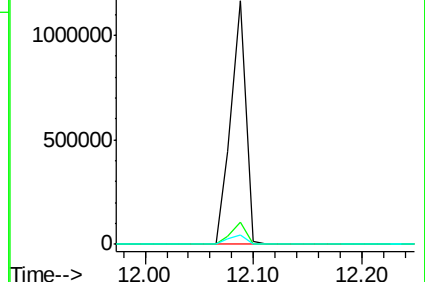
104 3.8 4.6 7.0#



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: 40.32 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

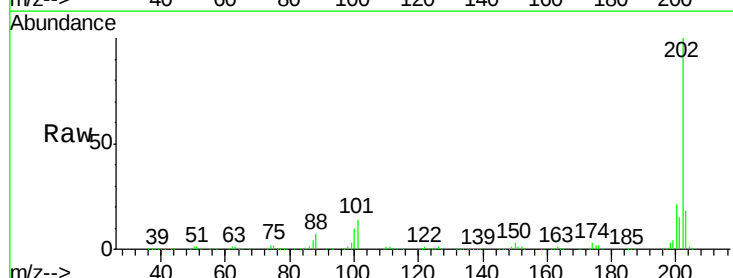
Tgt Ion:202 Resp: 882130

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.6

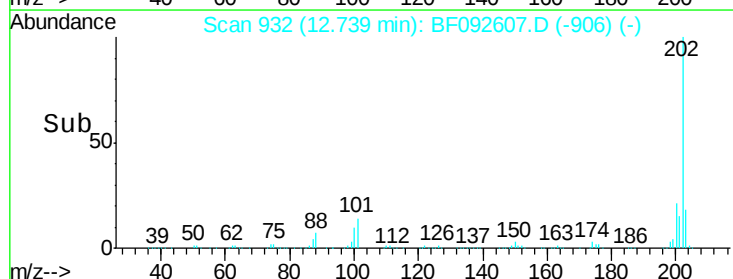
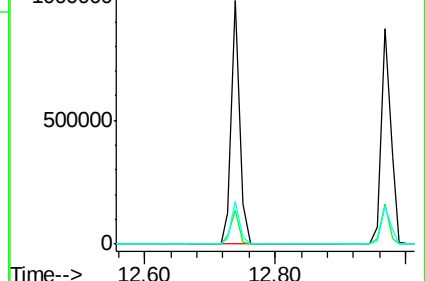
203 17.7 0.0 38.7

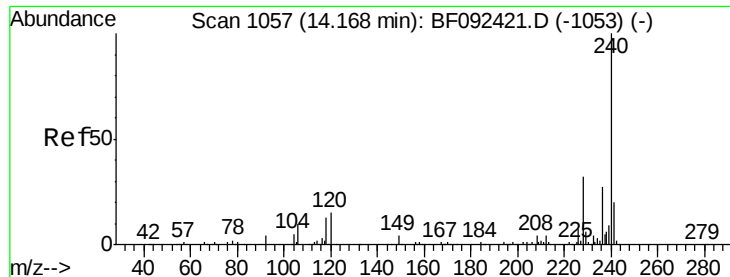


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

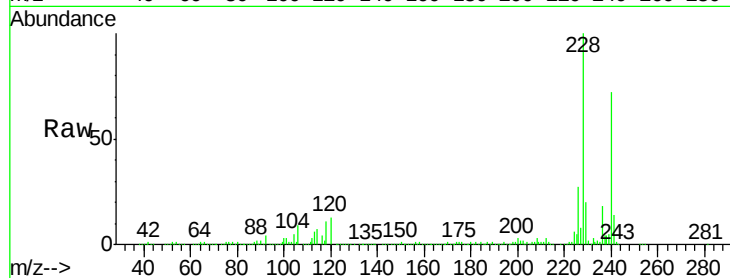
Tgt Ion:240 Resp: 317949

Ion Ratio Lower Upper

240 100

120 18.0 12.9 19.3

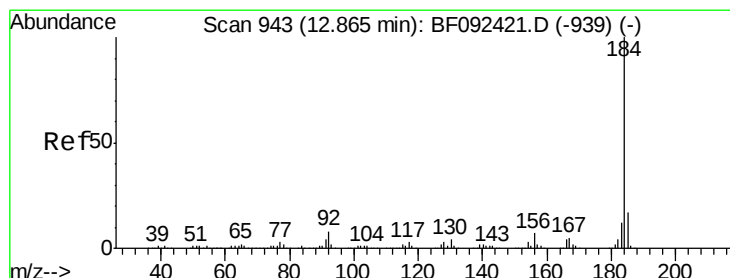
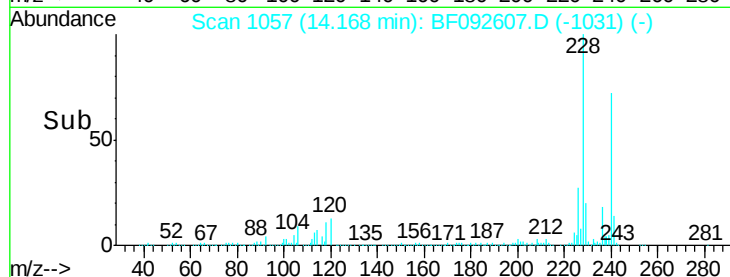
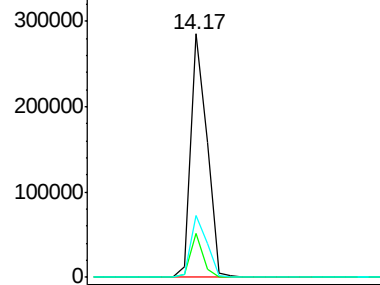
236 25.6 20.9 31.3



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: 37.15 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

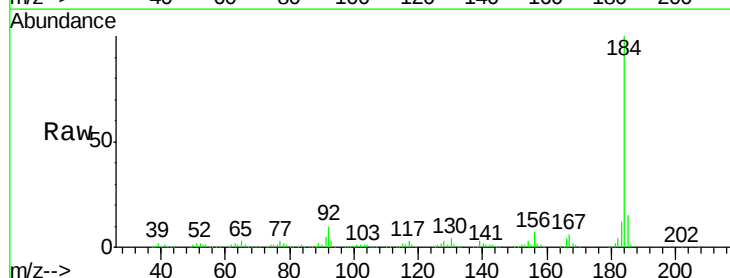
Tgt Ion:184 Resp: 438455

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

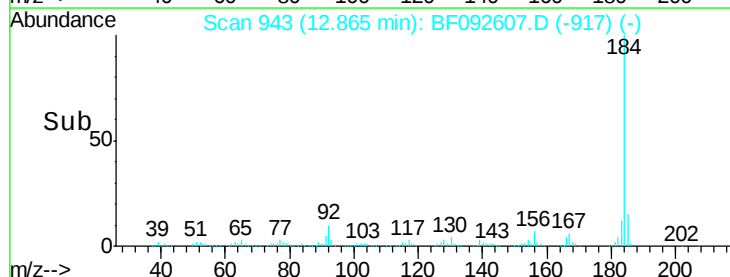
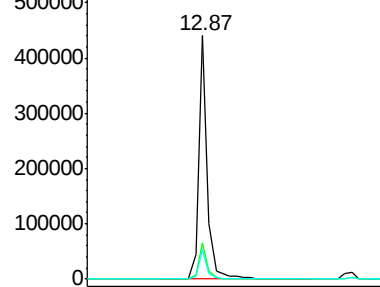
183 12.1 9.2 13.8

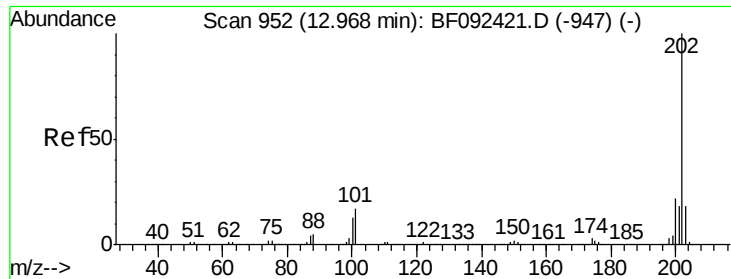


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

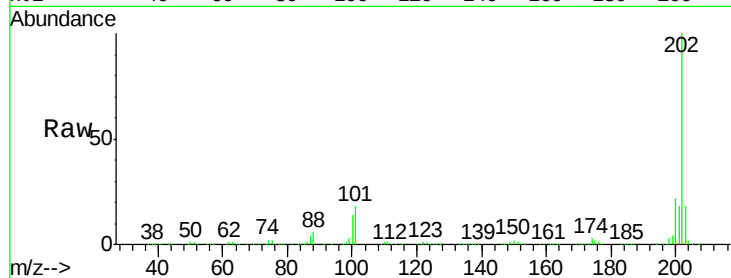




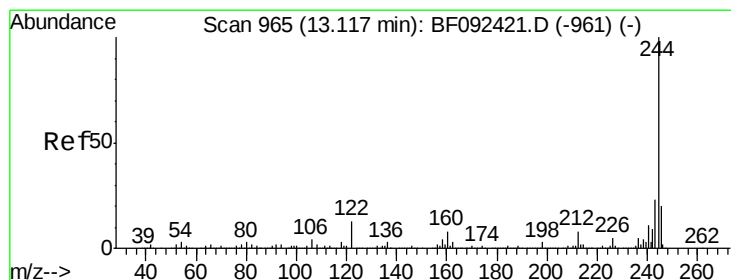
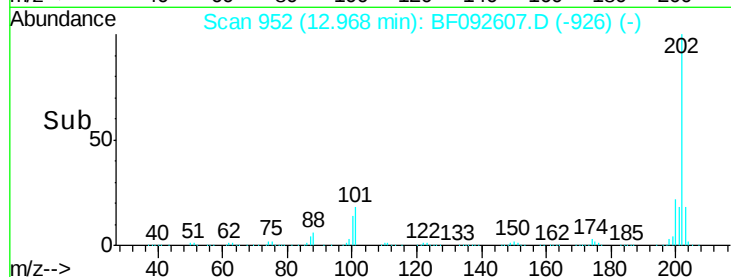
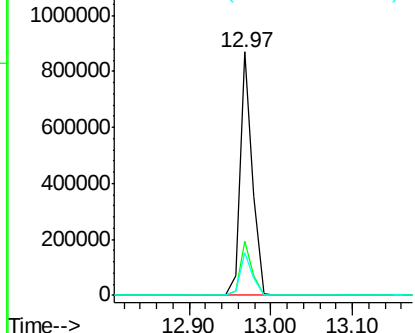
#77
 Pyrene
 Concen: 39.08 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.7	14.7	22.1

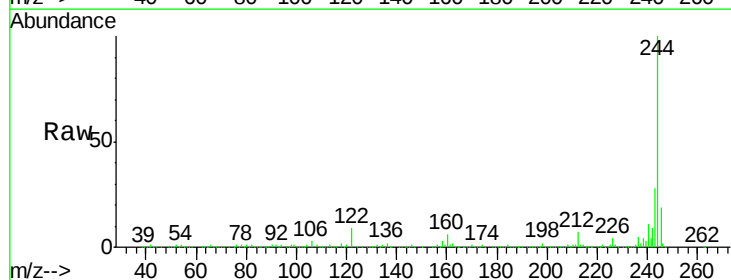


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

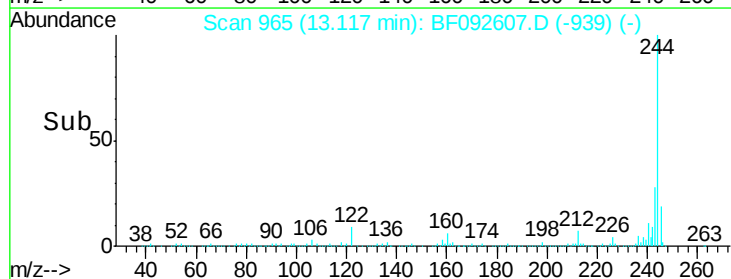
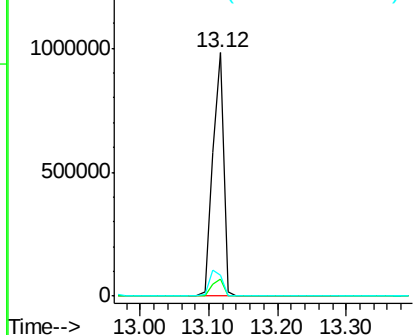


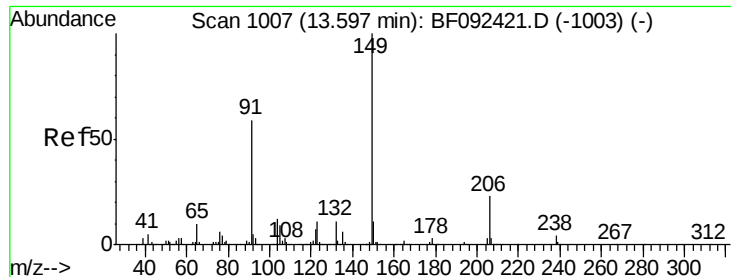
#78
 Terphenyl-d14
 Concen: 92.18 ng
 RT: 13.12 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	8.8	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

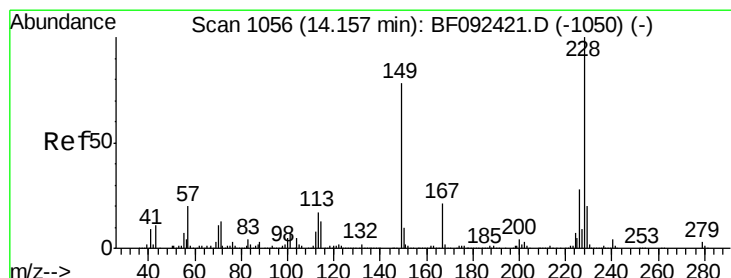
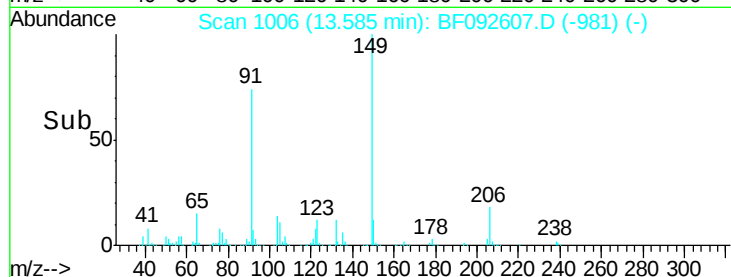
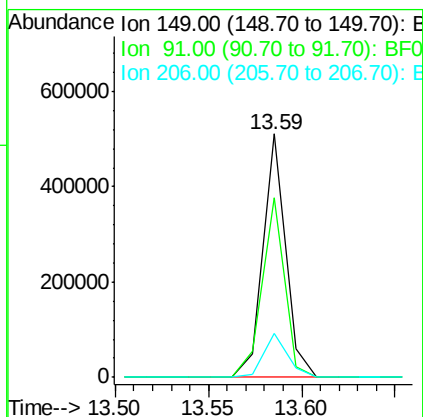
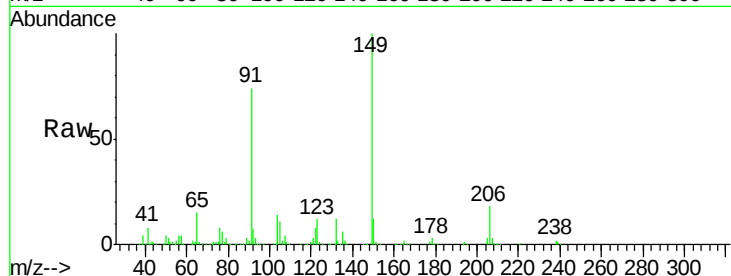




#79
Butylbenzylphthalate
Concen: 45.77 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

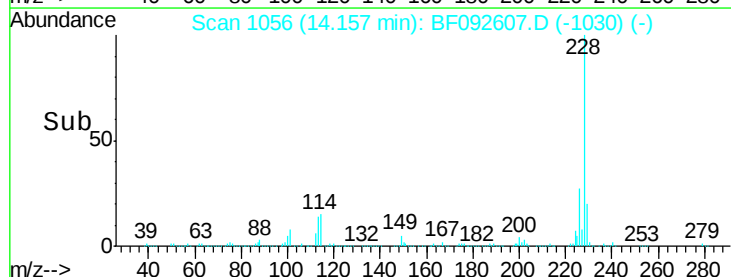
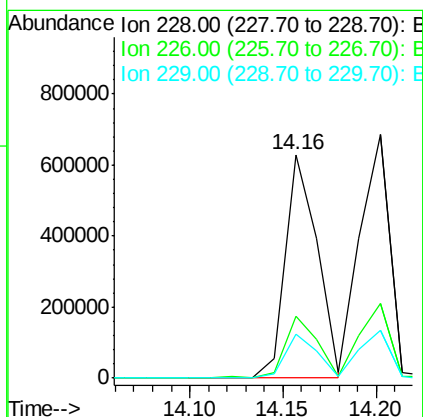
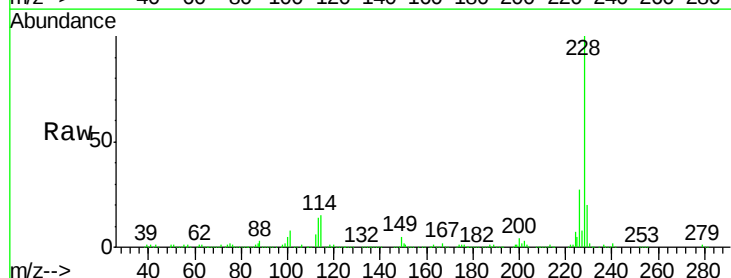
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

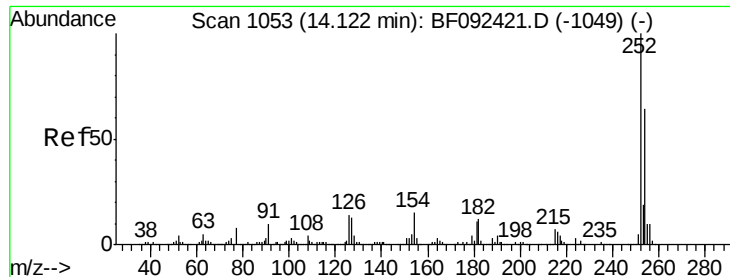
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.0	63.9	95.9
206	18.2	14.6	21.8



#80
Benzo(a)anthracene
Concen: 44.01 ng
RT: 14.16 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF092607.D
Acq: 28 Jan 2017 6:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	20.0	16.2	24.4

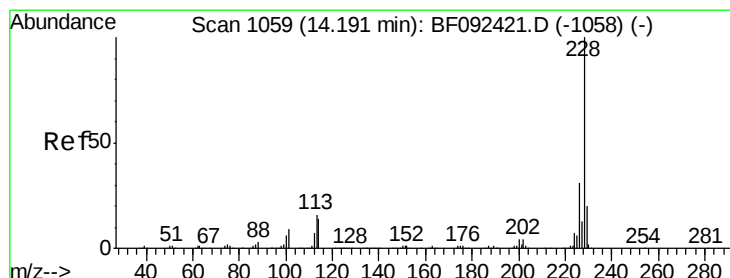
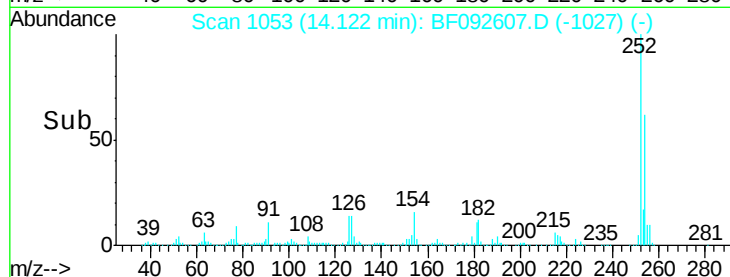
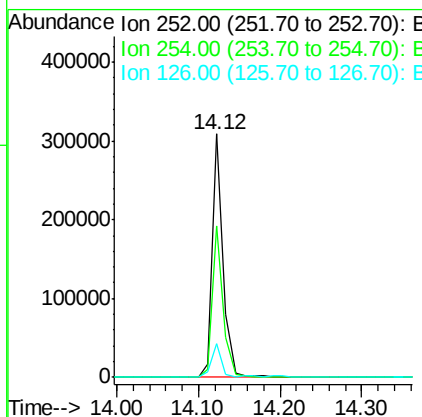
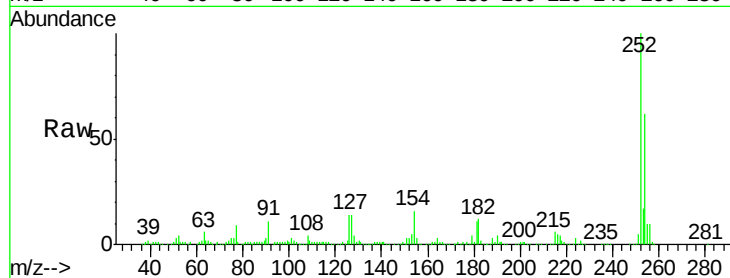




#81
 3,3'-Dichlorobenzidine
 Concen: 44.57 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

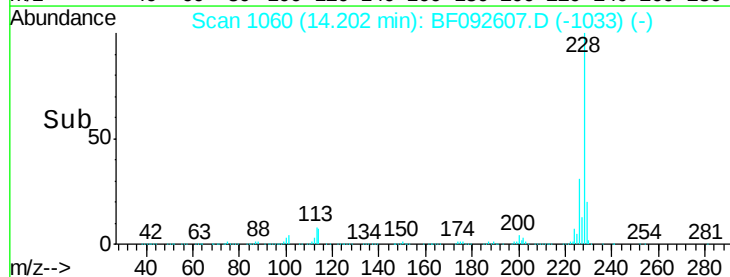
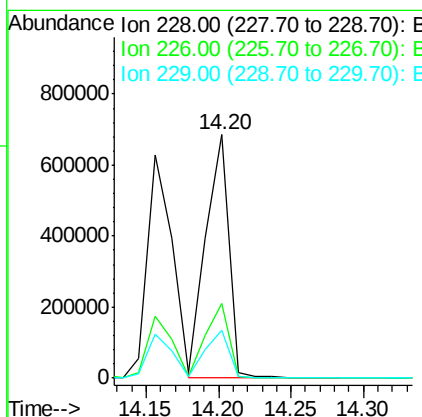
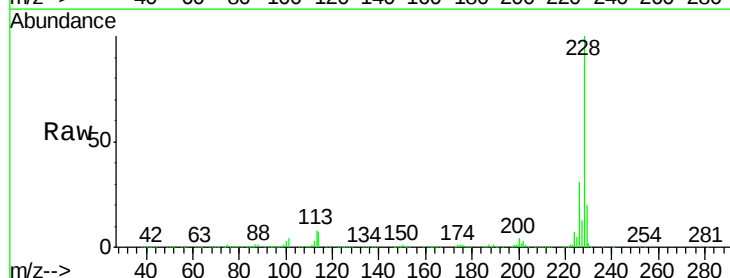
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

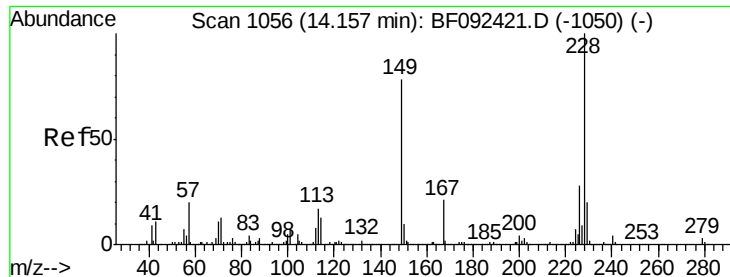
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.0	52.3	78.5
126	14.0	13.6	20.4



#82
 Chrysene
 Concen: 41.47 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092607.D
 Acq: 28 Jan 2017 6:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.7	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.45 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

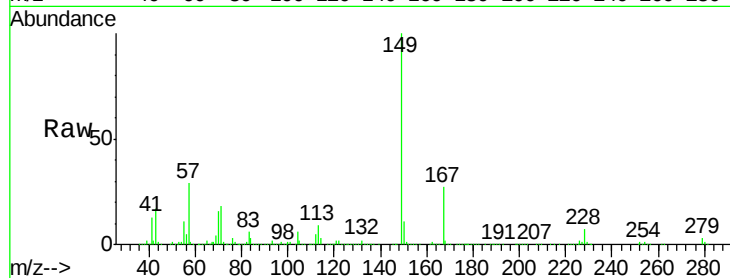
Tgt Ion:149 Resp: 628198

Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

279 3.0 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

1000000

800000

600000

400000

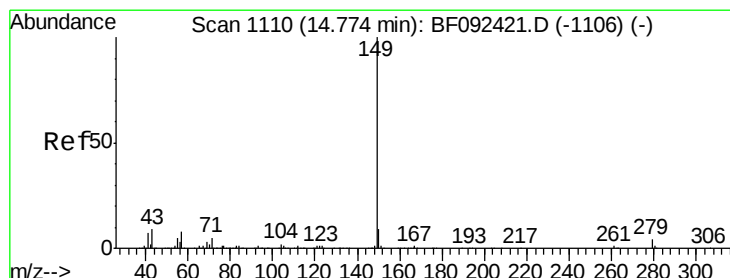
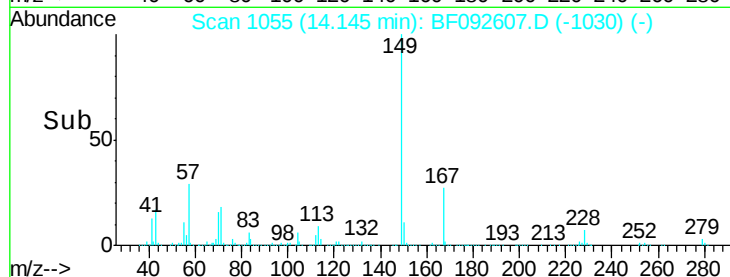
200000

0

14.15

14.10 14.20

Time-->



#84

Di-n-octyl phthalate

Concen: 49.89 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

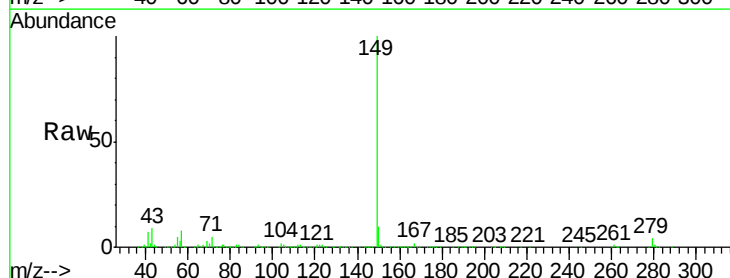
Tgt Ion:149 Resp: 1064660

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 8.9 13.3



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

1200000

1000000

800000

600000

400000

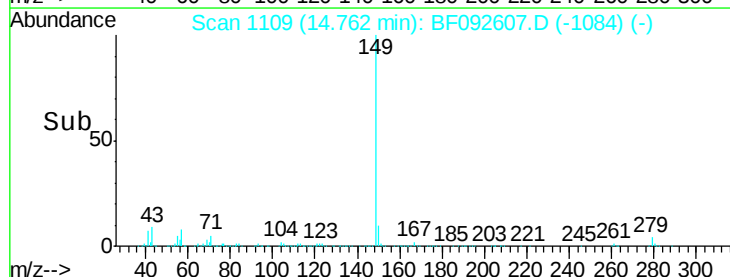
200000

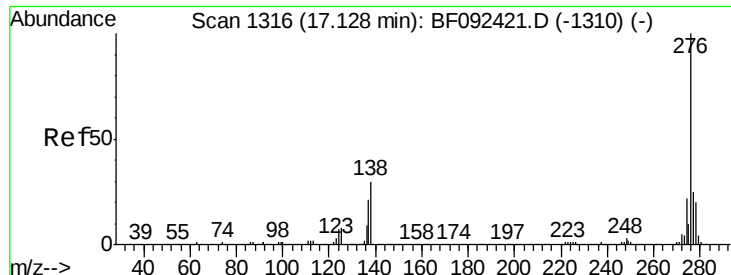
0

14.76

14.70 14.90

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.68 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

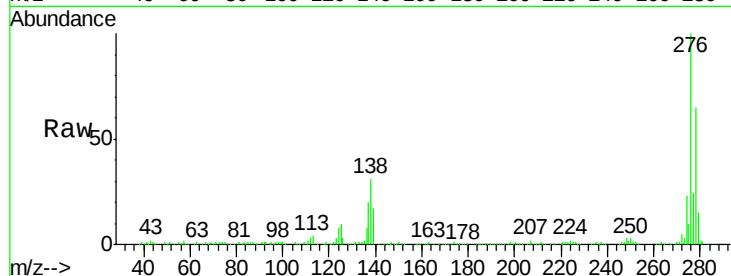
Tgt Ion: 276 Resp: 535704

Ion Ratio Lower Upper

276 100

138 32.4 21.8 32.6

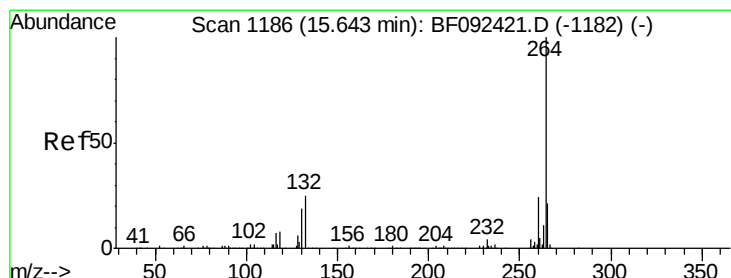
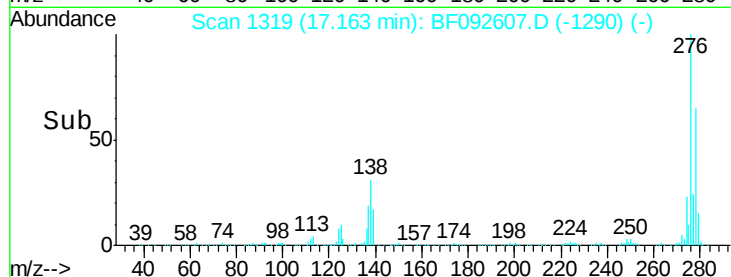
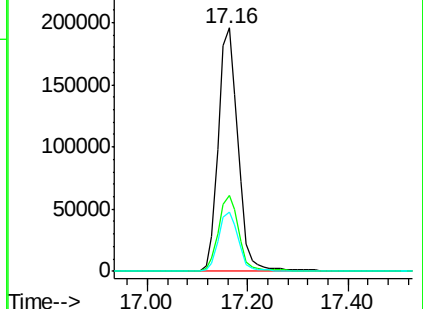
277 24.8 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

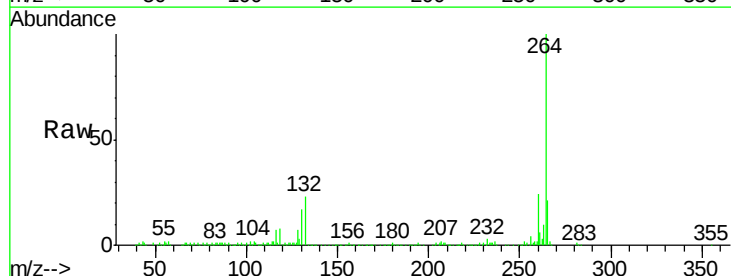
Tgt Ion: 264 Resp: 248733

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

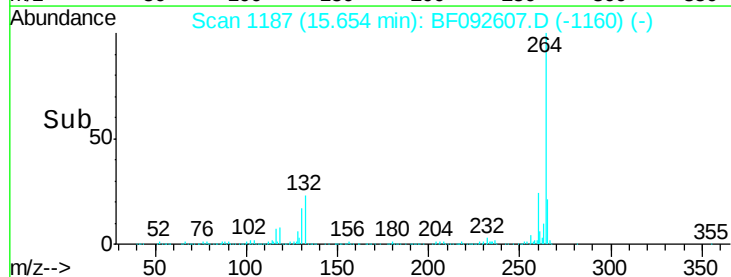
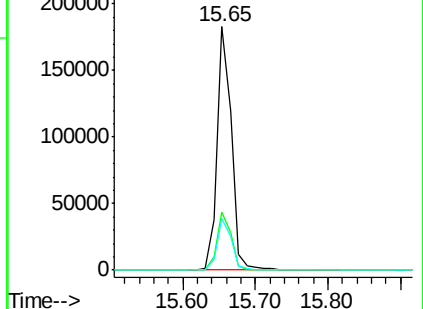
265 21.3 17.4 26.0

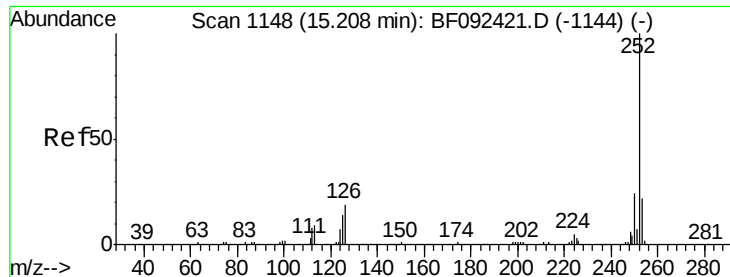


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 75.69 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.05 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

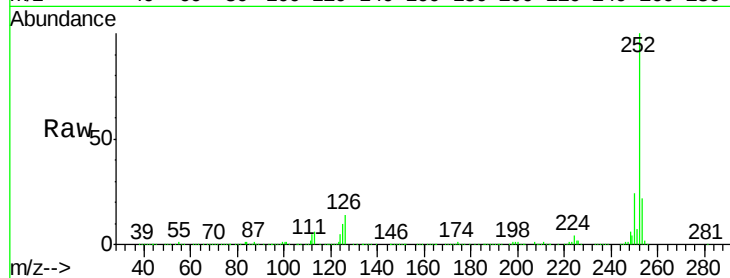
Tgt Ion:252 Resp: 1208607

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

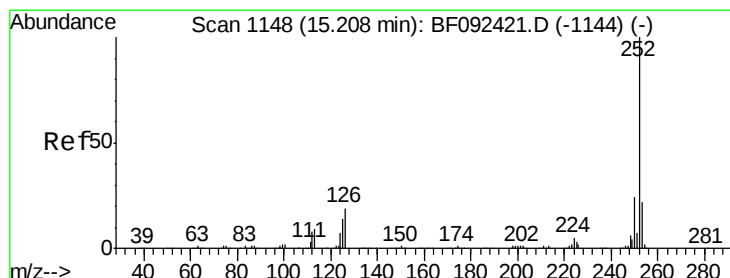
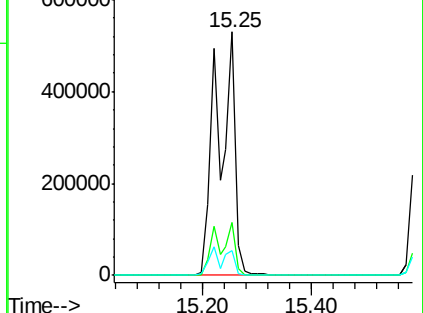
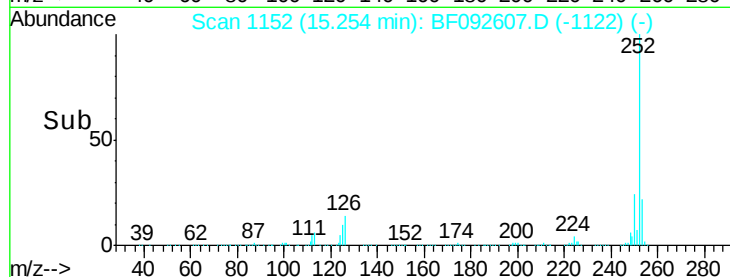
125 10.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 91.02 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

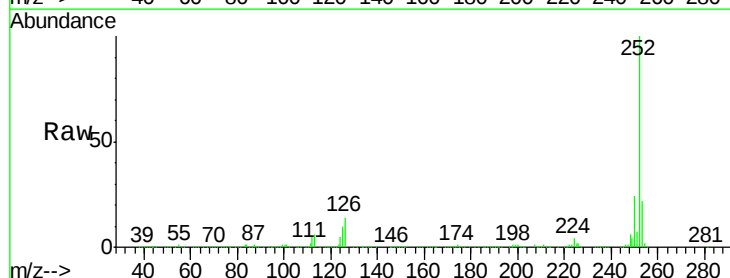
Tgt Ion:252 Resp: 1208607

Ion Ratio Lower Upper

252 100

253 21.8 18.5 27.7

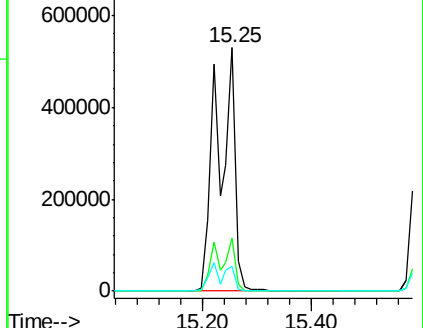
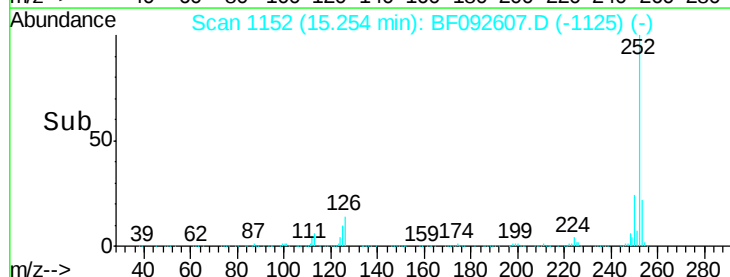
125 10.1 8.9 13.3

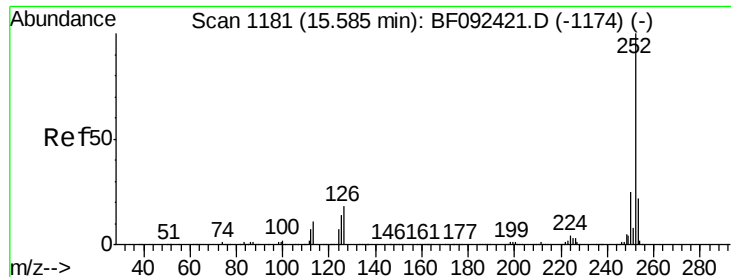


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.97 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

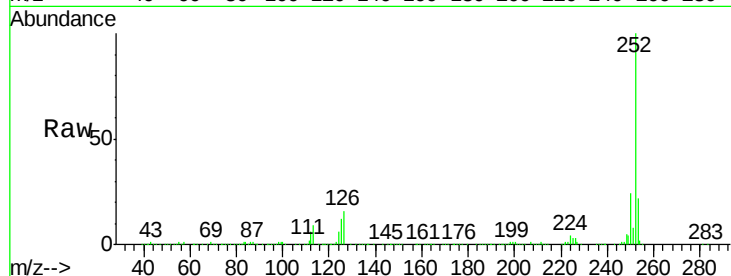
Tgt Ion:252 Resp: 539934

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

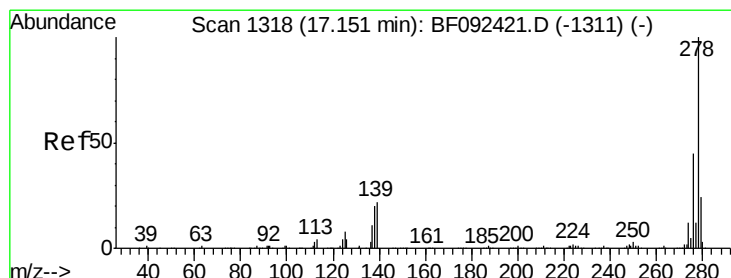
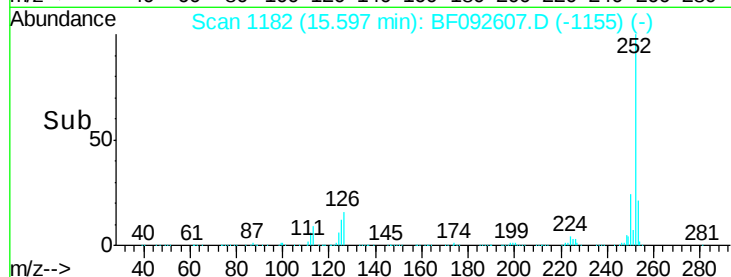
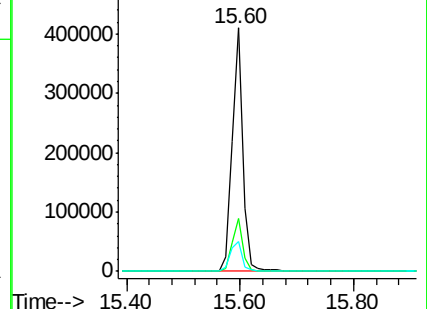
125 12.1 10.0 15.0



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



#90

Dibenzo(a,h)anthracene

Concen: 42.80 ng

RT: 17.17 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

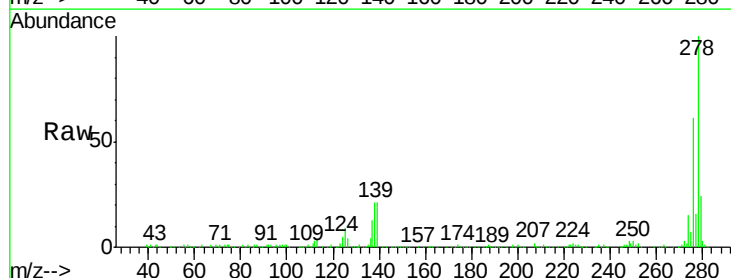
Tgt Ion:278 Resp: 467557

Ion Ratio Lower Upper

278 100

139 21.5 14.8 22.2

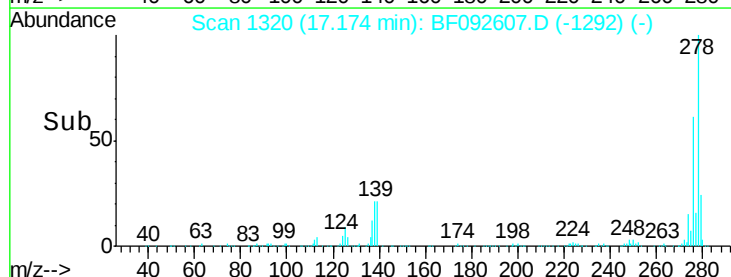
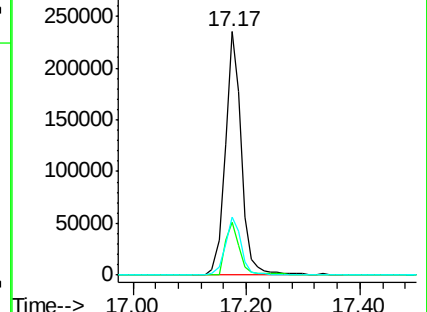
279 23.6 19.8 29.6

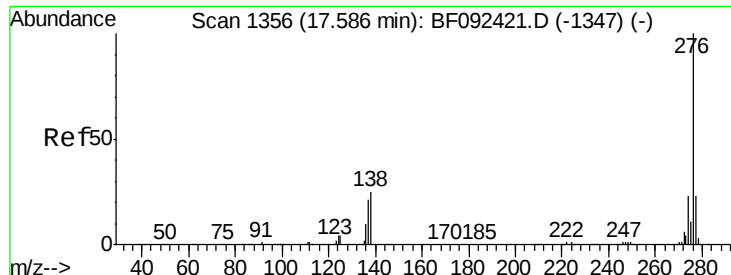


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.16 ng

RT: 17.61 min Scan# 1358

Delta R.T. 0.02 min

Lab File: BF092607.D

Acq: 28 Jan 2017 6:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

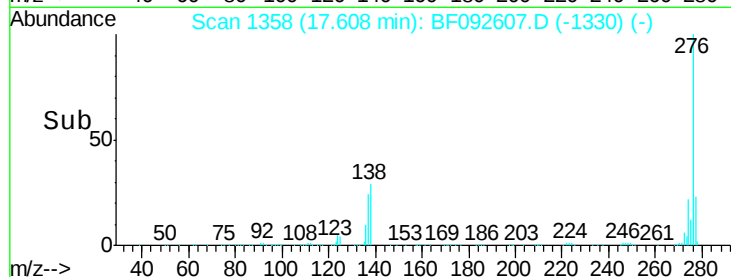
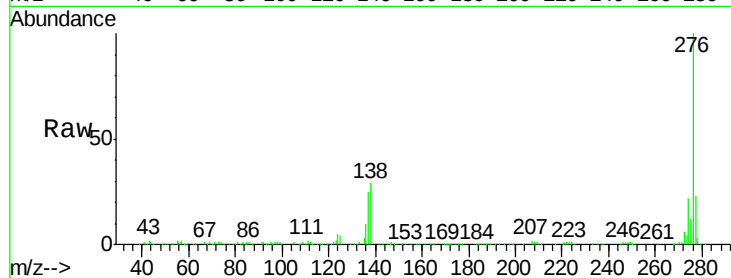
Tgt Ion: 276 Resp: 465752

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 28.9 16.0 24.0#



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

