

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093605.D
 Acq On : 13 Mar 2017 14:19
 Operator : SJ/MA
 Sample : I2174-19MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Quant Time: Mar 14 01:01:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168413	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	684415	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	282478	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	497531	20.00	ng	0.00
75) Chrysene-d12	13.90	240	328324	20.00	ng	0.01
86) Perylene-d12	15.31	264	252565	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1452489	143.54	ng	0.00
7) Phenol-d6	6.38	99	1689477	132.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	1223093	99.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	293613	159.54	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1762501	116.06	ng	0.00
78) Terphenyl-d14	12.84	244	1242310	98.38	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	234041	41.99	ng	# 72
3) Pyridine	3.04	79	198716	13.98	ng	88
4) n-Nitrosodimethylamine	2.94	42	308872	45.51	ng	82
6) Aniline	6.39	93	130441	7.45	ng	# 1
8) 2-Chlorophenol	6.50	128	513580	45.30	ng	98
9) Benzaldehyde	6.26	77	178794	18.65	ng	88
10) Phenol	6.39	94	688967	44.06	ng	# 76
11) bis(2-Chloroethyl)ether	6.45	93	569486	45.06	ng	88
12) 1,3-Dichlorobenzene	6.64	146	556135	42.86	ng	# 89
13) 1,4-Dichlorobenzene	6.72	146	577156	43.44	ng	99
14) 1,2-Dichlorobenzene	6.88	146	496223	42.17	ng	95
15) Benzyl Alcohol	6.87	79	463762	50.98	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	930075	44.30	ng	55
17) 2-Methylphenol	7.00	107	451390	47.07	ng	# 84
18) Hexachloroethane	7.21	117	196333	43.82	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	422966	48.21	ng	89
20) 3+4-Methylphenols	7.16	107	651529	52.39	ng	# 71
22) Acetophenone	7.13	105	769410	46.72	ng	# 98
24) Nitrobenzene	7.30	77	627714	45.28	ng	98
25) Isophorone	7.54	82	1128073	45.35	ng	# 93
26) 2-Nitrophenol	7.62	139	296897	46.94	ng	94
27) 2,4-Dimethylphenol	7.68	122	459576	44.66	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	748718	47.68	ng	99
29) 2,4-Dichlorophenol	7.89	162	443664	45.83	ng	93
30) 1,2,4-Trichlorobenzene	7.94	180	457698	44.46	ng	94
31) Naphthalene	8.02	128	1561667	45.53	ng	99
32) Benzoic acid	7.85	122	297932	55.72	ng	95
33) 4-Chloroaniline	8.13	127	33988	2.44	ng	# 70
34) Hexachlorobutadiene	8.14	225	242915	45.81	ng	99
35) Caprolactam	8.48	113	81096	24.53	ng	# 47
36) 4-Chloro-3-methylphenol	8.60	107	476002	46.07	ng	90
37) 2-Methylnaphthalene	8.72	142	1017901	46.65	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	432471	56.07	ng	99
40) Hexachlorocyclopentadiene	8.87	237	261900	126.32	ng	98

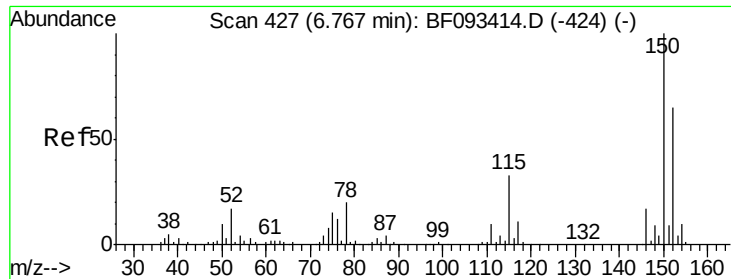
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093605.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	290645	60.31	ng	93
43) 2,4,5-Trichlorophenol	9.06	196	282451	54.62	ng	92
45) 1,1'-Biphenyl	9.19	154	1157294	56.24	ng	99
46) 2-Chloronaphthalene	9.21	162	968539	61.49	ng	98
47) 2-Nitroaniline	9.33	65	307960	55.31	ng	93
48) Acenaphthylene	9.62	152	1355009	52.16	ng	99
49) Dimethylphthalate	9.50	163	1060129	56.61	ng	100
50) 2,6-Dinitrotoluene	9.57	165	217285	52.88	ng	# 81
51) Acenaphthene	9.80	154	812384	52.88	ng	96
52) 3-Nitroaniline	9.75	138	43311	8.77	ng	# 89
53) 2,4-Dinitrophenol	9.86	184	248884	133.00	ng	# 73
54) Dibenzofuran	9.97	168	1115369	58.01	ng	100
55) 4-Nitrophenol	9.97	139	650603	271.33	ng	# 10
56) 2,4-Dinitrotoluene	9.98	165	279234	55.31	ng	92
57) Fluorene	10.31	166	829546	50.92	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	227277	62.28	ng	92
59) Diethylphthalate	10.20	149	974098	54.42	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	402596	55.13	ng	96
61) 4-Nitroaniline	10.37	138	180186	35.69	ng	82
62) Azobenzene	10.47	77	1080421	53.12	ng	85
64) 4,6-Dinitro-2-methylphenol	10.40	198	152888	47.43	ng	91
65) n-Nitrosodiphenylamine	10.44	169	717733	43.20	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	244795	46.53	ng	98
67) Hexachlorobenzene	10.86	284	235933	46.96	ng	# 75
68) Atrazine	10.96	200	161598	33.23	ng	99
69) Pentachlorophenol	11.08	266	192955	111.24	ng	97
70) Phenanthrene	11.27	178	1277799	44.99	ng	98
71) Anthracene	11.33	178	1292767	45.00	ng	98
72) Carbazole	11.49	167	1007580	37.34	ng	99
73) Di-n-butylphthalate	11.82	149	1530339	49.01	ng	# 96
74) Fluoranthene	12.47	202	1250600	45.59	ng	93
76) Benzidine	12.65	184	22866	2.12	ng	97
77) Pyrene	12.70	202	1212501	50.78	ng	98
79) Butylbenzylphthalate	13.32	149	517672	51.50	ng	# 73
80) Benzo(a)anthracene	13.89	228	913490	47.11	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	49205	7.25	ng	# 97
82) Chrysene	13.92	228	750308	41.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	662956	47.32	ng	# 99
84) Di-n-octyl phthalate	14.48	149	1158189	49.60	ng	97
85) Indeno(1,2,3-cd)pyrene	16.67	276	854822	56.93	ng	# 94
87) Benzo(b)fluoranthene	14.94	252	1516524	98.59	ng	97
88) Benzo(k)fluoranthene	14.94	252	1516524	102.23	ng	98
89) Benzo(a)pyrene	15.25	252	724686	51.55	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	729350	62.71	ng	96
91) Benzo(g,h,i)perylene	17.08	276	758149	63.51	ng	# 92

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

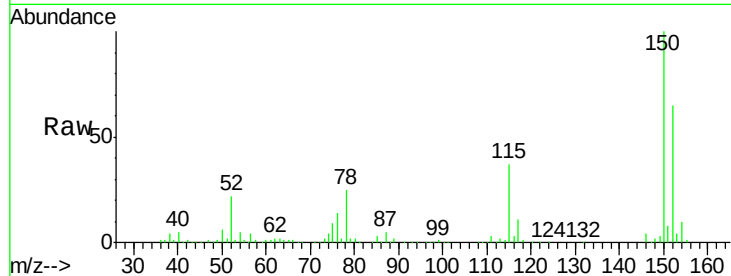


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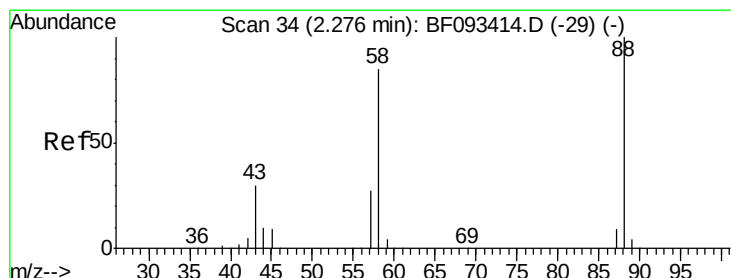
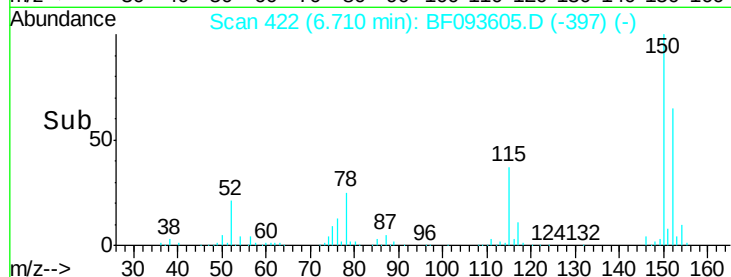
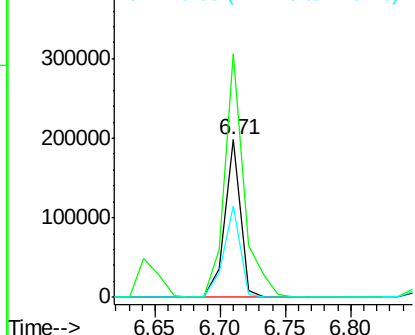
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tgt Ion: 152 Resp: 168413
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.9 187.3
 115 57.8 46.0 69.0



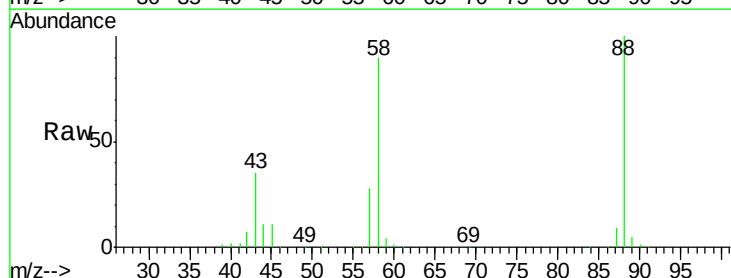
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



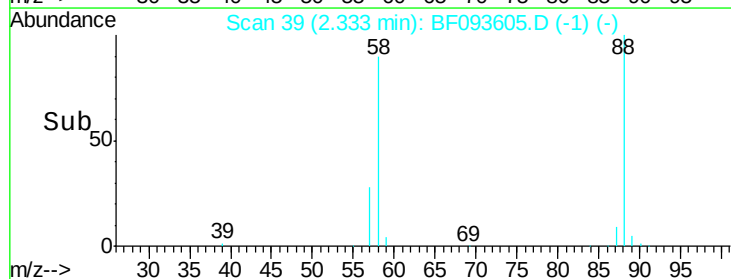
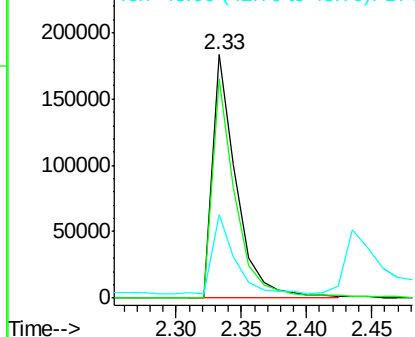
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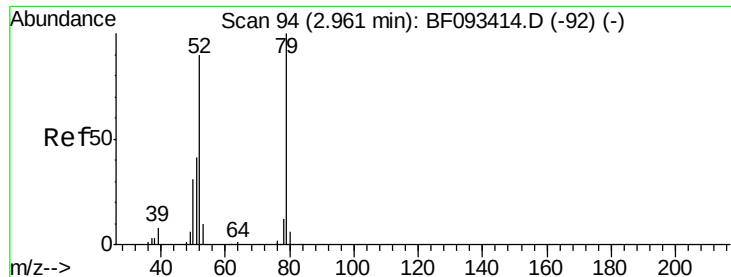
1,4-Dioxane
 Concen: 41.99 ng
 RT: 2.33 min Scan# 39
 Delta R.T. 0.15 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion: 88 Resp: 234041
 Ion Ratio Lower Upper
 88 100
 58 88.1 57.8 86.8#
 43 0.0 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: 13.98 ng

RT: 3.04 min Scan# 101

Delta R.T. 0.18 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

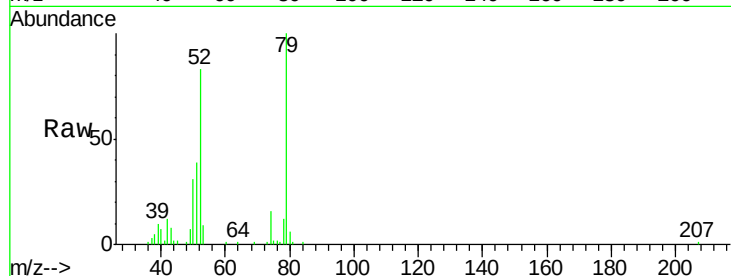
Tgt Ion: 79 Resp: 198716

Ion Ratio Lower Upper

79 100

52 82.9 57.1 85.7

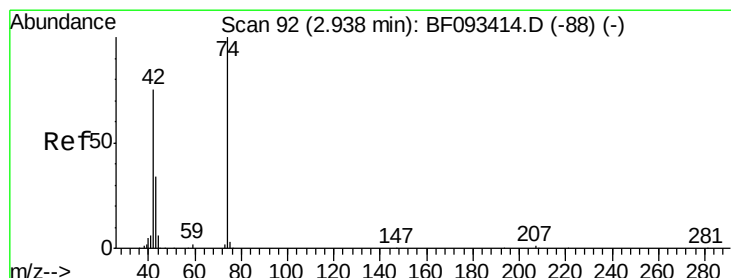
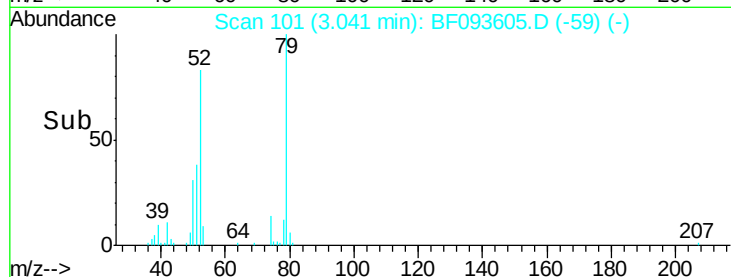
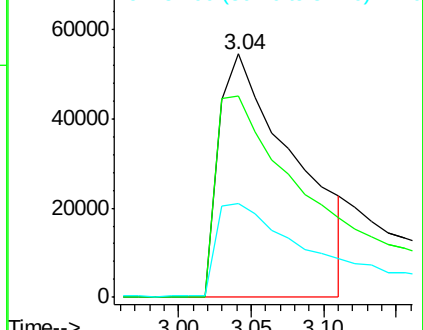
51 38.6 27.3 40.9



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: 45.51 ng

RT: 2.94 min Scan# 92

Delta R.T. 0.10 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

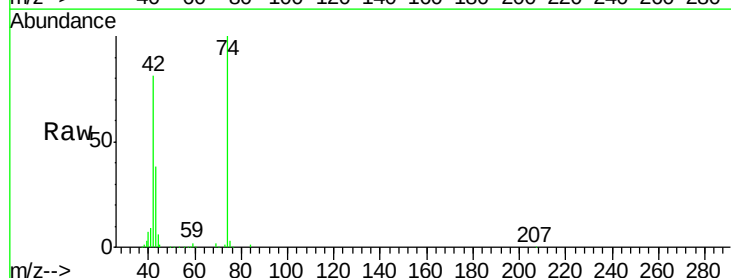
Tgt Ion: 42 Resp: 308872

Ion Ratio Lower Upper

42 100

74 123.2 117.0 175.4

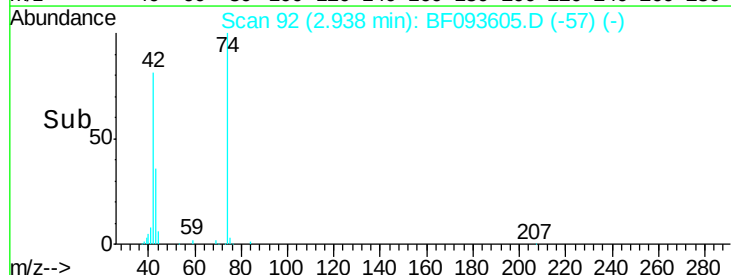
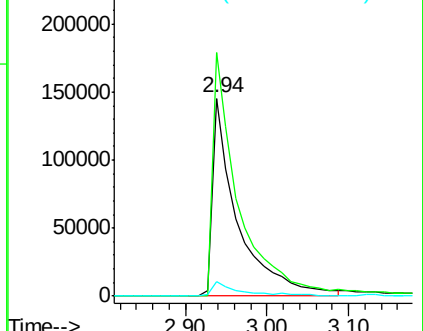
44 7.5 5.5 8.3

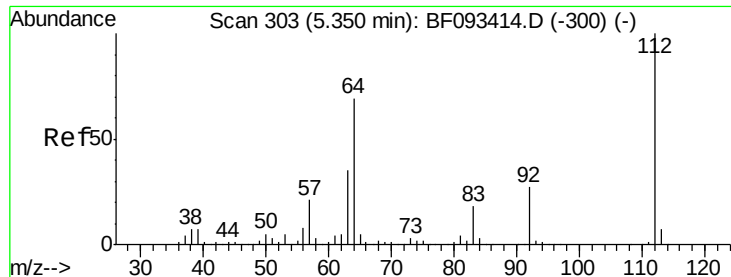


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

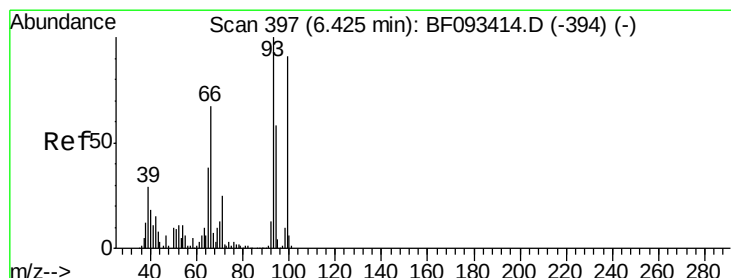
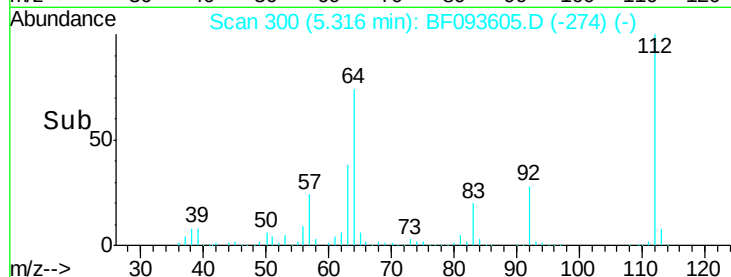
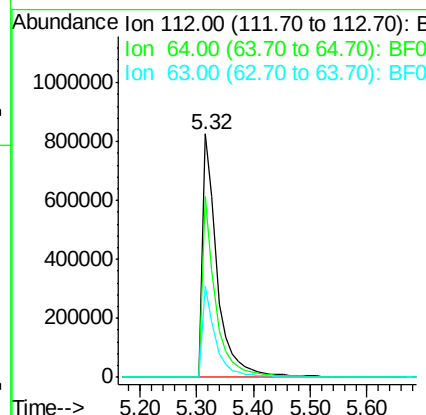
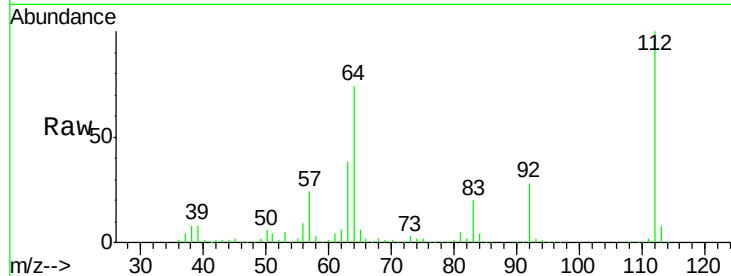




#5
 2-Fluorophenol
 Concen: 143.54 ng
 RT: 5.32 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

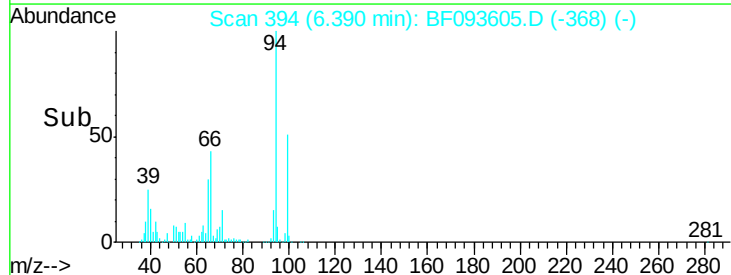
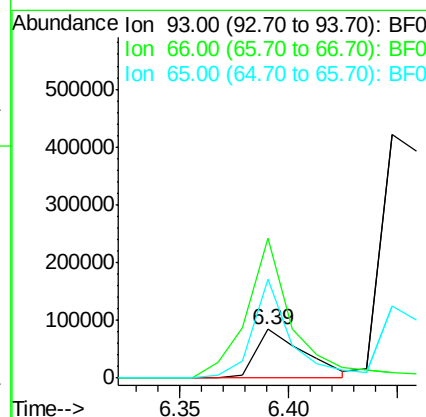
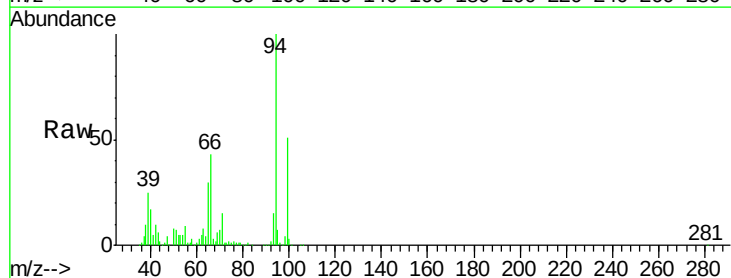
Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

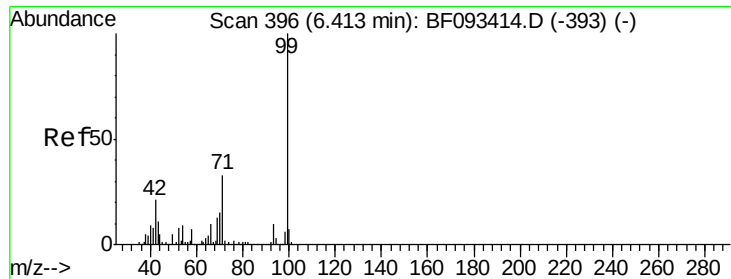
Tgt Ion: 112 Resp: 1452489
 Ion Ratio Lower Upper
 112 100
 64 74.2 46.1 69.1#
 63 37.8 23.8 35.6#



#6
 Aniline
 Concen: 7.45 ng
 RT: 6.39 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion: 93 Resp: 130441
 Ion Ratio Lower Upper
 93 100
 66 287.7 76.2 114.2#
 65 201.6 49.3 73.9#





#7

Phenol-d6

Concen: 132.40 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

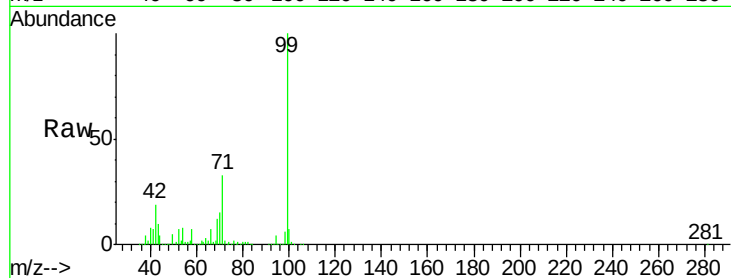
Tgt Ion: 99 Resp: 1689477

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

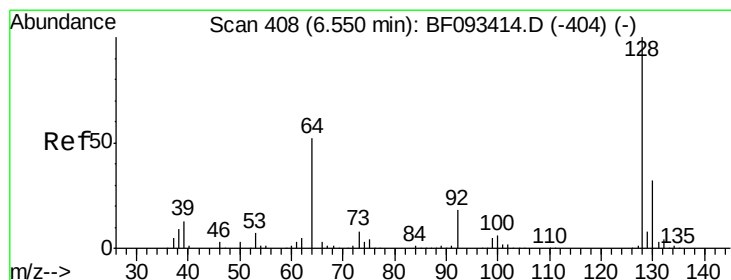
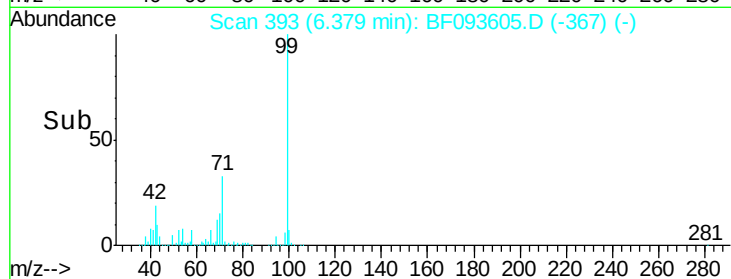
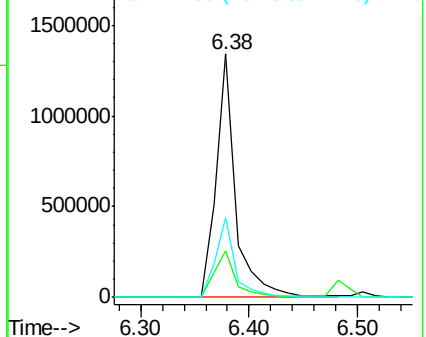
71 32.8 27.5 41.3



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: 45.30 ng

RT: 6.50 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

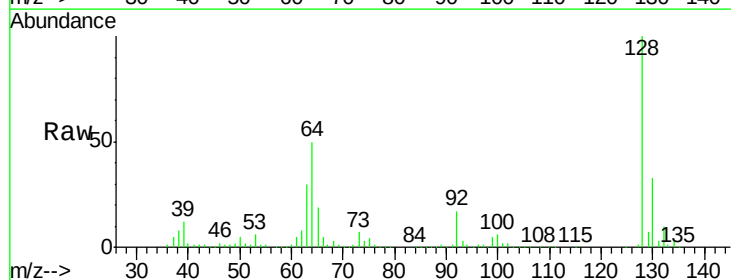
Tgt Ion: 128 Resp: 513580

Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

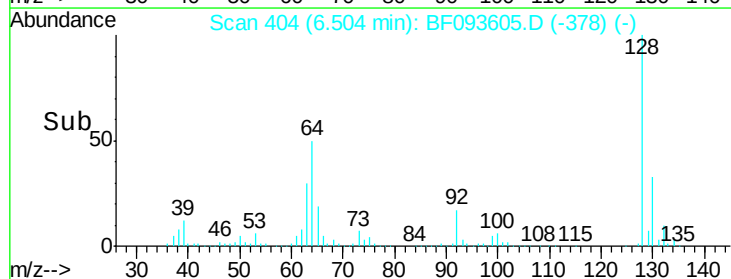
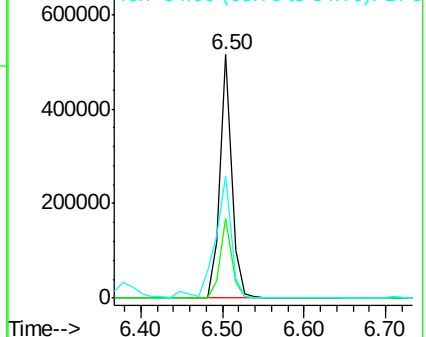
64 50.1 32.2 72.2

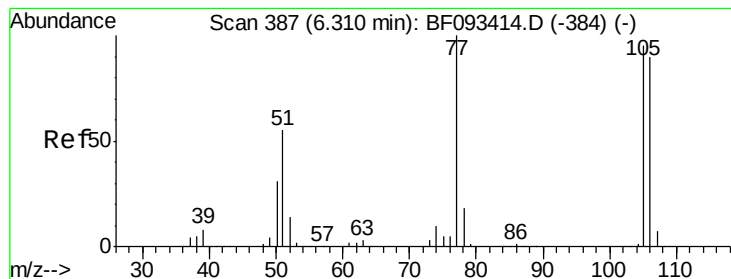


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 18.65 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

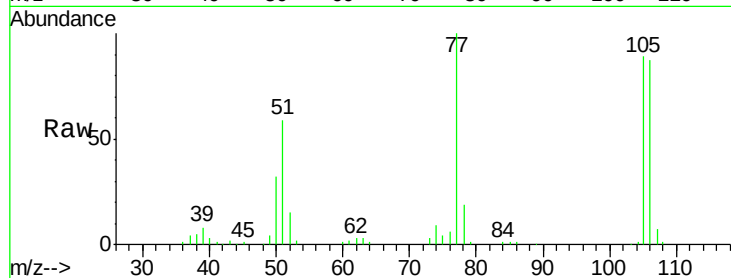
Tgt Ion: 77 Resp: 178794

Ion Ratio Lower Upper

77 100

105 89.5 83.9 123.9

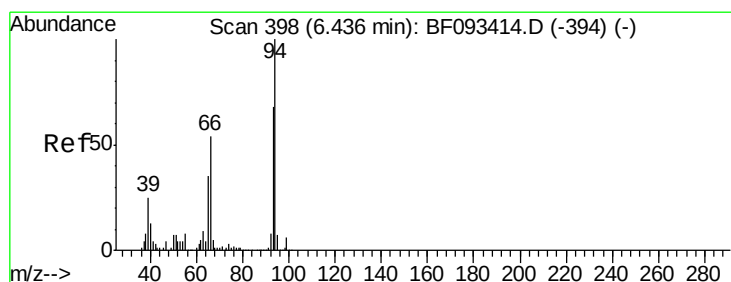
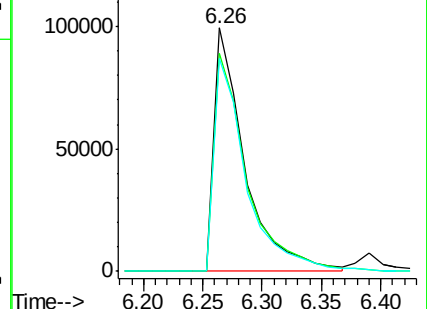
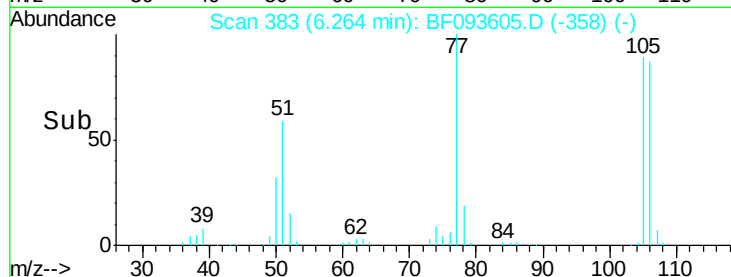
106 87.4 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.06 ng

RT: 6.39 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

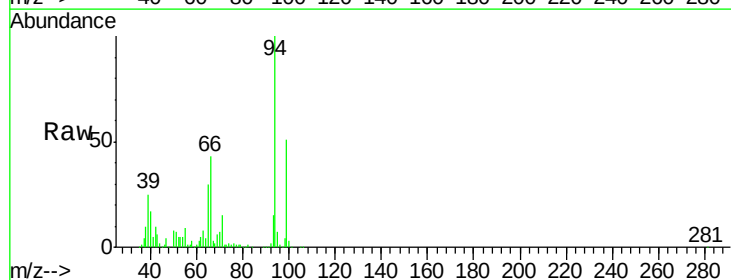
Tgt Ion: 94 Resp: 688967

Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

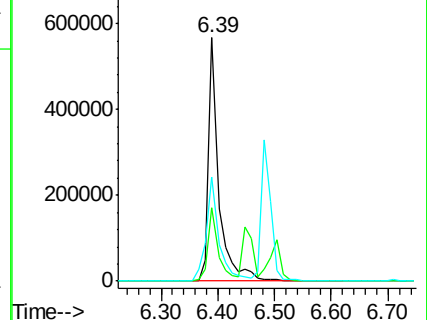
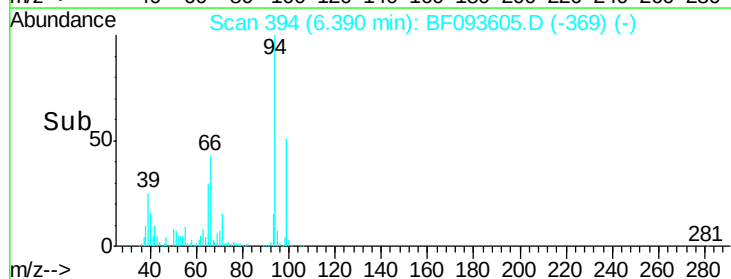
66 42.8 44.0 84.0#

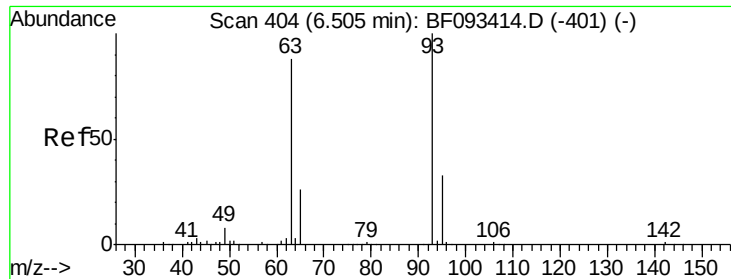


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

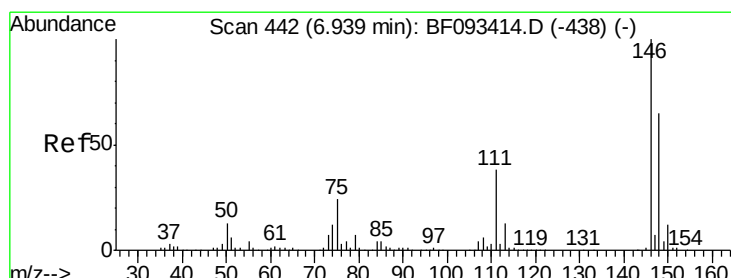
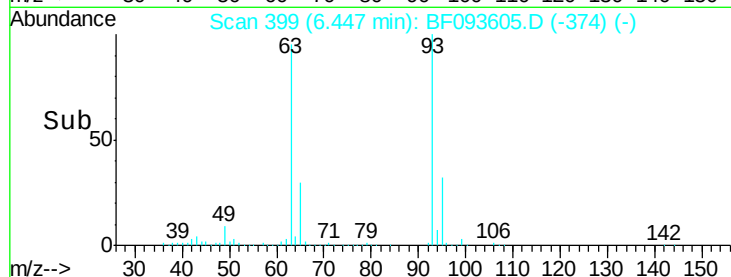
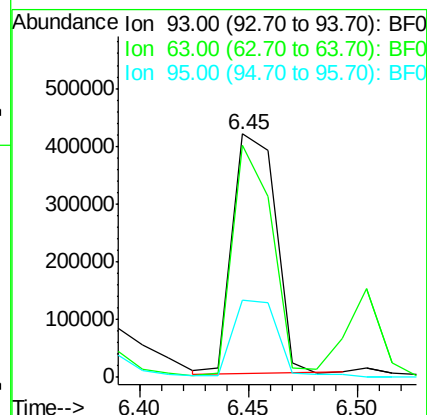
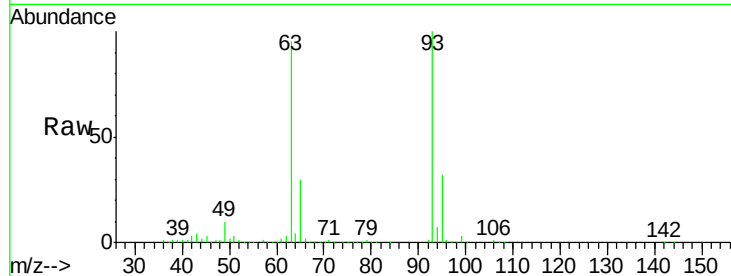




#11
bis(2-Chloroethyl)ether
Concen: 45.06 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

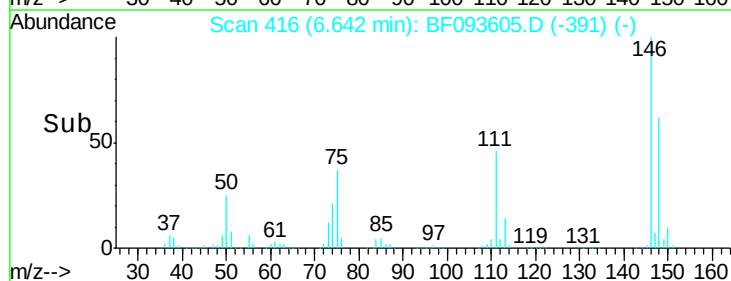
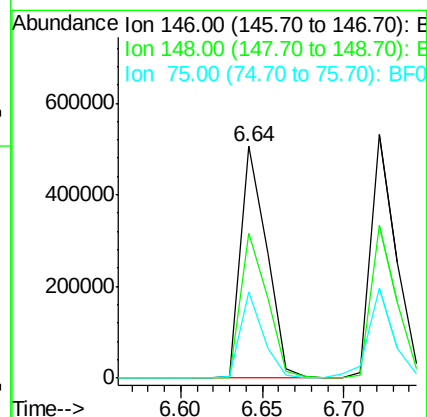
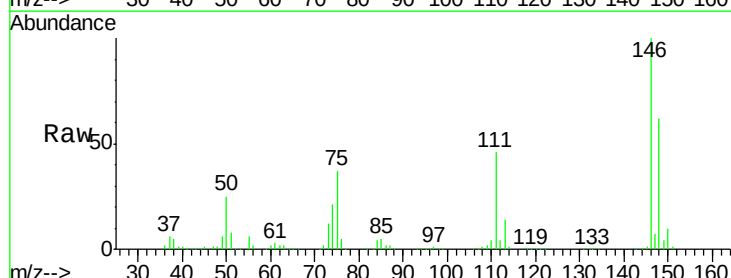
Instrument :
BNA_F
ClientSampleId :
D-64MS

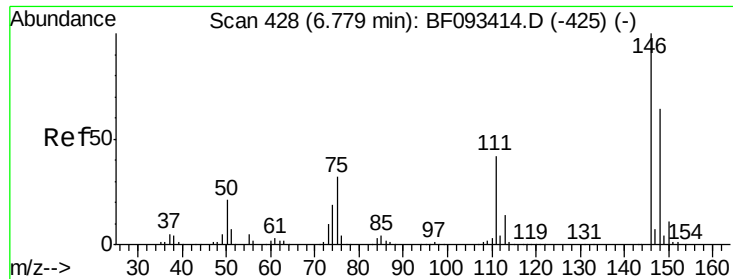
Tgt Ion: 93 Resp: 569486
Ion Ratio Lower Upper
93 100
63 95.2 60.4 100.4
95 31.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.86 ng
RT: 6.64 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion: 146 Resp: 556135
Ion Ratio Lower Upper
146 100
148 62.4 53.4 80.0
75 37.1 18.5 27.7#

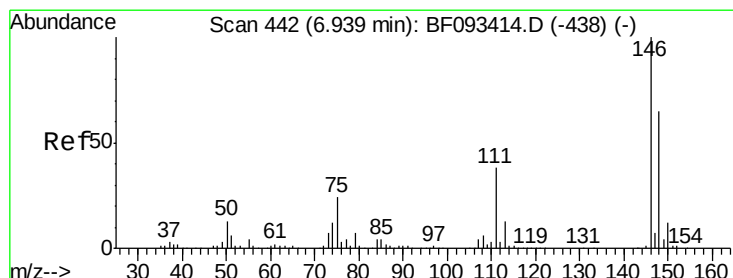
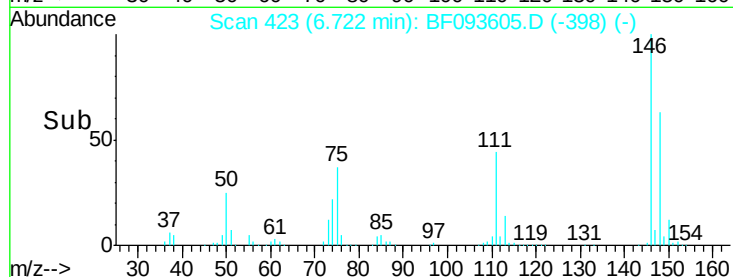
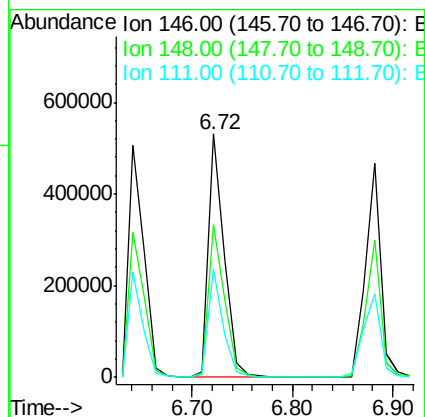
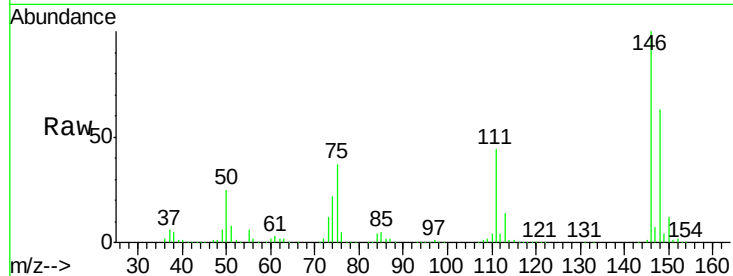




#13
 1,4-Dichlorobenzene
 Concen: 43.44 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

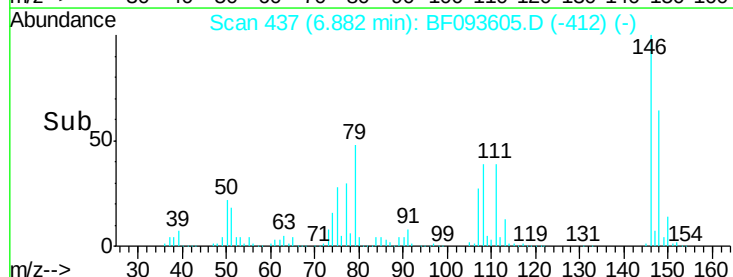
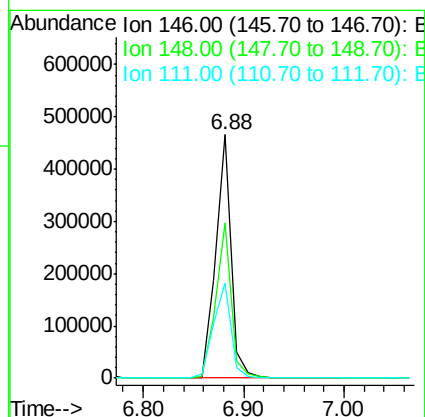
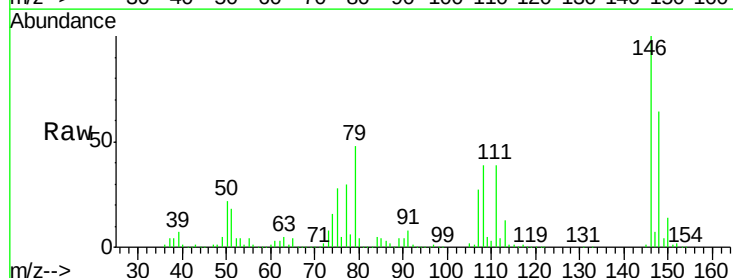
Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

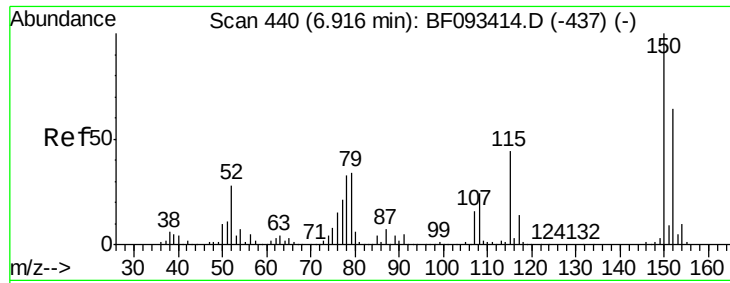
Tgt Ion:146 Resp: 577156
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.6 76.0
 111 44.2 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 42.17 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion:146 Resp: 496223
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 39.2 36.2 54.2

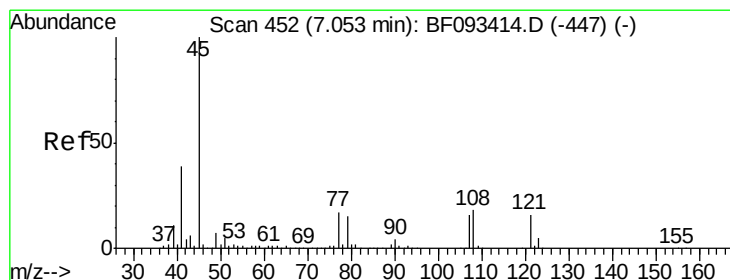
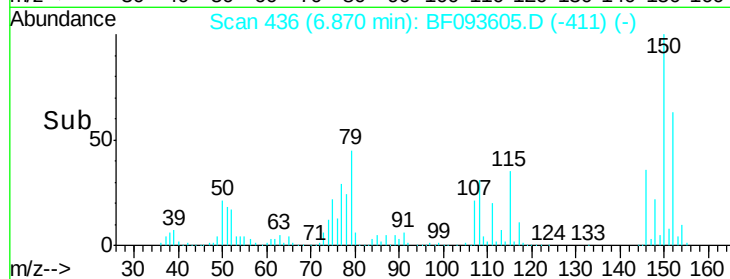
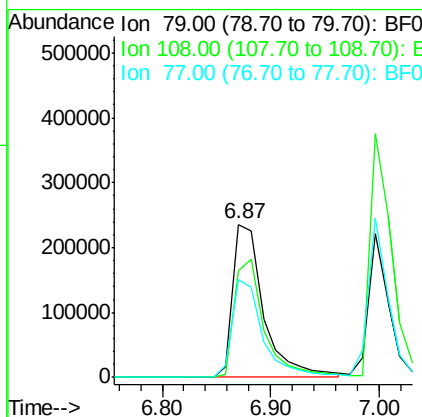
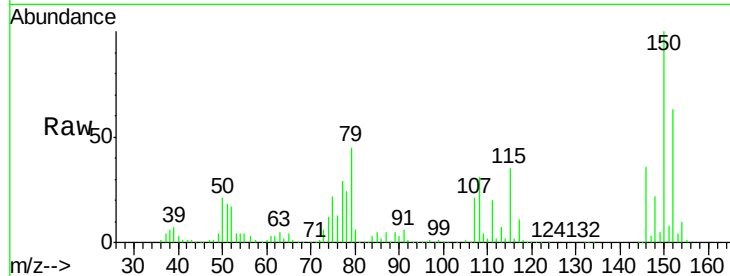




#15
Benzyl Alcohol
Concen: 50.98 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

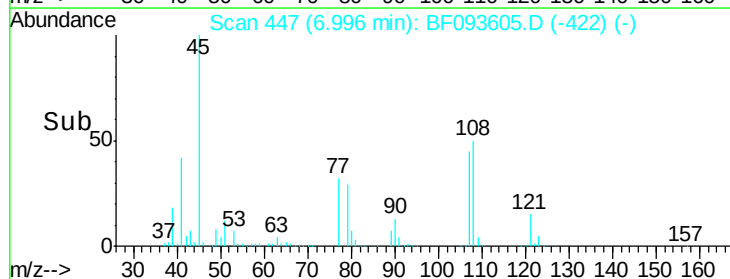
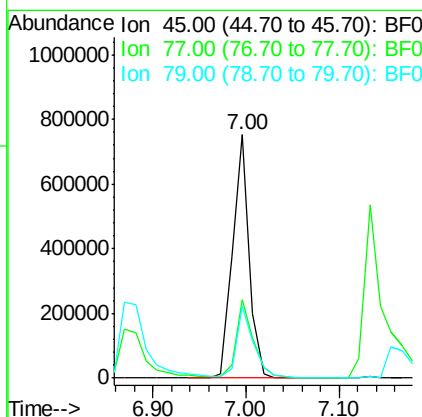
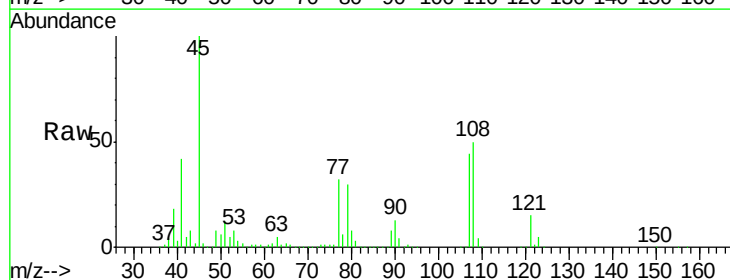
Instrument :
BNA_F
ClientSampleId :
D-64MS

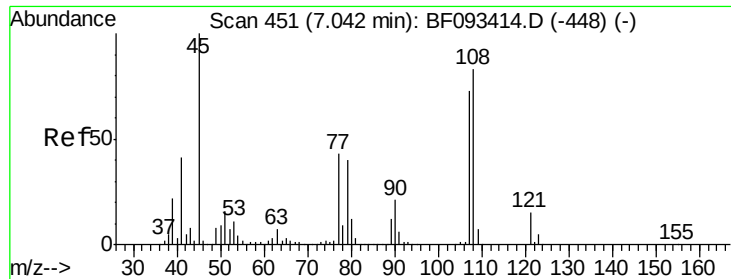
Tgt Ion: 79 Resp: 463762
Ion Ratio Lower Upper
79 100
108 69.2 61.4 92.0
77 63.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.30 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion: 45 Resp: 930075
Ion Ratio Lower Upper
45 100
77 32.5 0.0 34.6
79 29.5 0.0 31.2

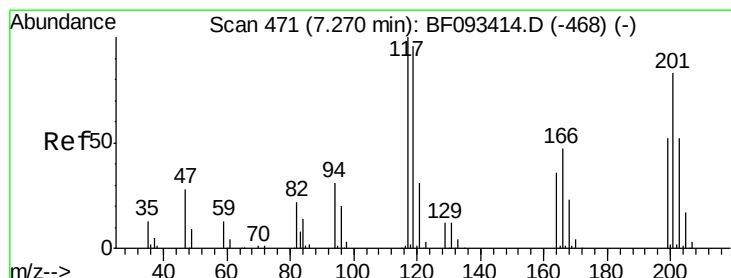
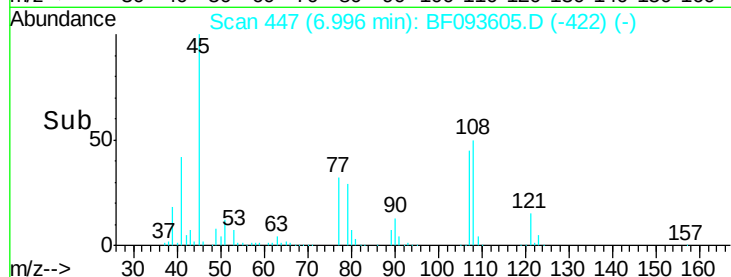
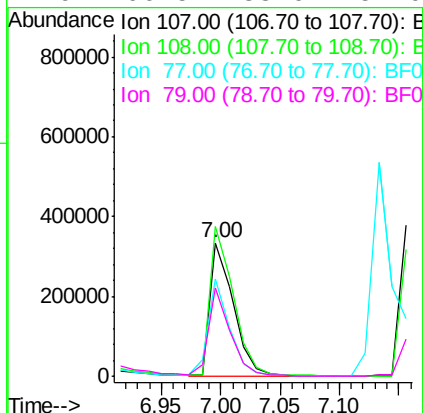
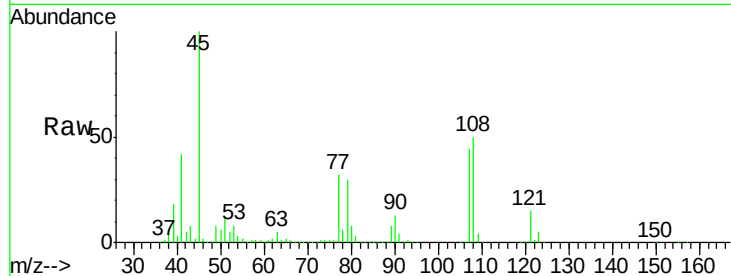




#17
2-Methylphenol
Concen: 47.07 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

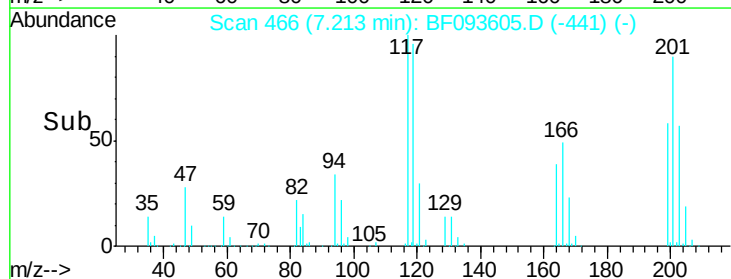
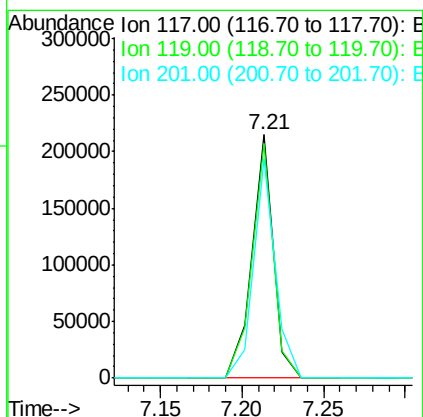
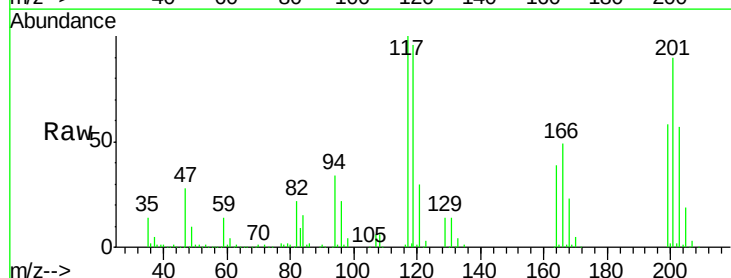
Instrument :
BNA_F
ClientSampleId :
D-64MS

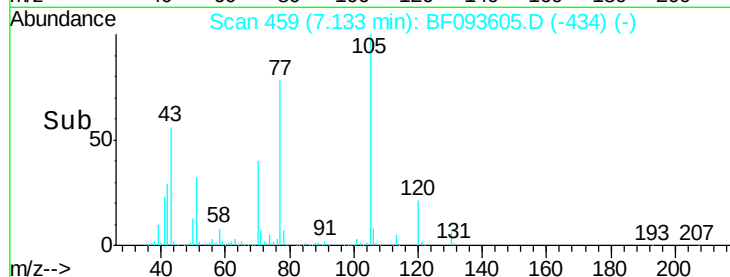
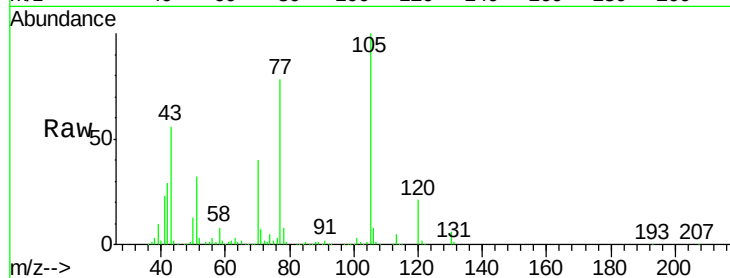
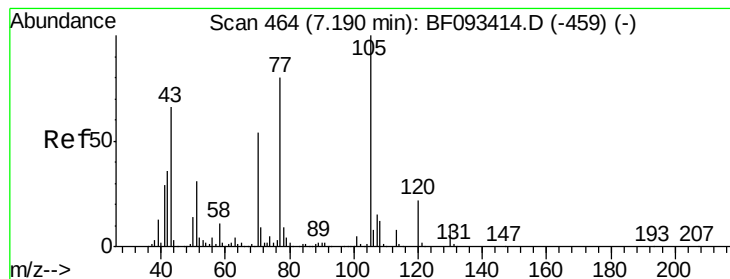
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.2	93.0	139.6
77	73.1	39.8	59.8
79	66.5	38.0	57.0



#18
Hexachloroethane
Concen: 43.82 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.1	117.1
201	90.3	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 48.21 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tgt Ion: 70 Resp: 422966

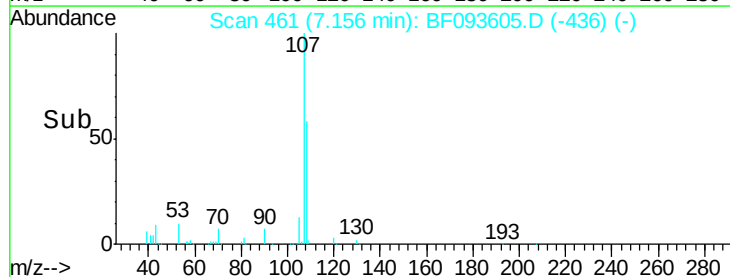
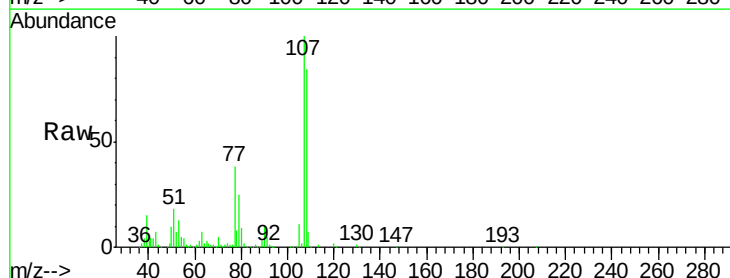
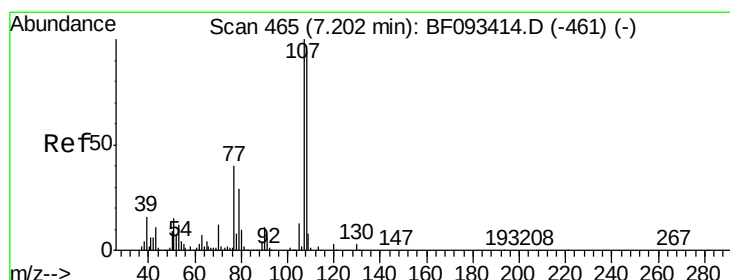
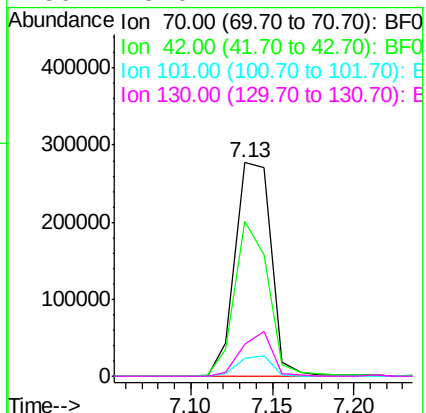
Ion Ratio Lower Upper

70 100

42 72.4 49.4 74.0

101 8.6 7.4 11.2

130 15.0 14.2 21.4



#20

3+4-Methylphenols

Concen: 52.39 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion: 107 Resp: 651529

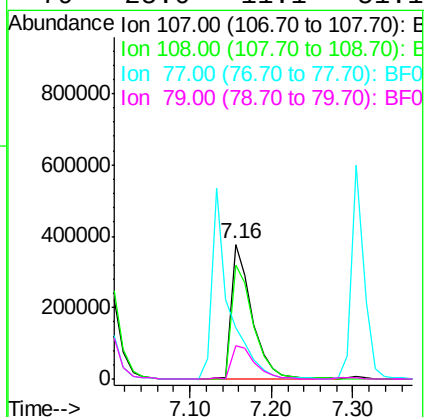
Ion Ratio Lower Upper

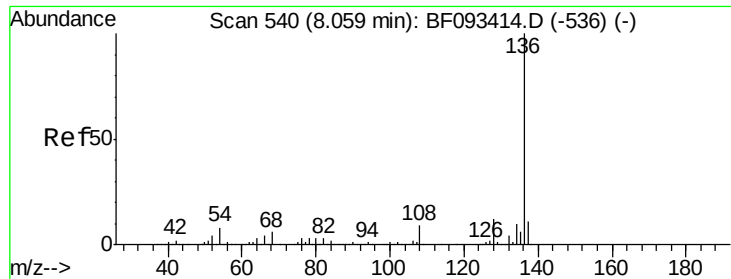
107 100

108 84.1 73.0 113.0

77 37.8 71.3 111.3#

79 25.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

Tgt Ion:136 Resp: 684415

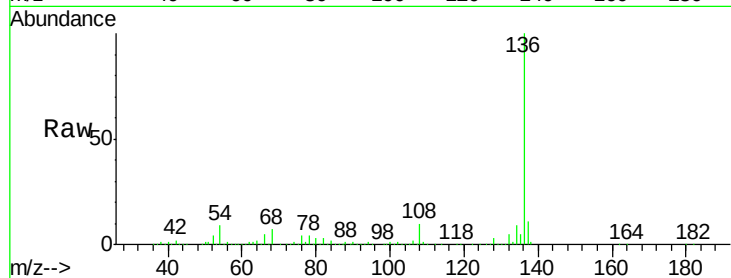
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.3 4.5 6.7#

68 6.8 3.6 5.4#

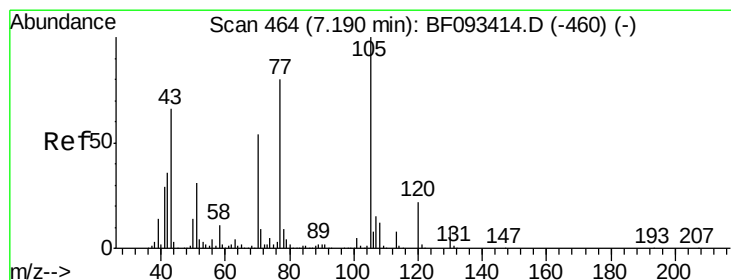
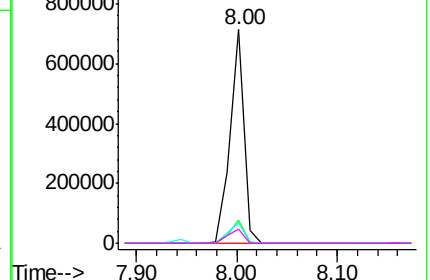
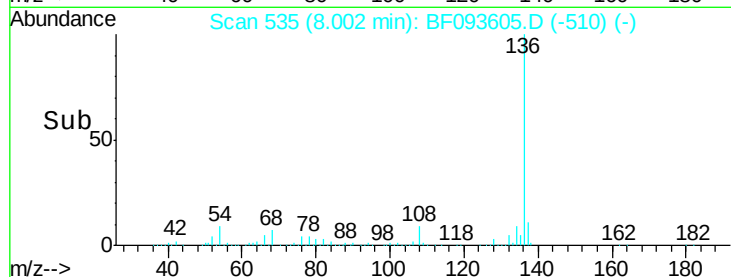


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.72 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:105 Resp: 769410

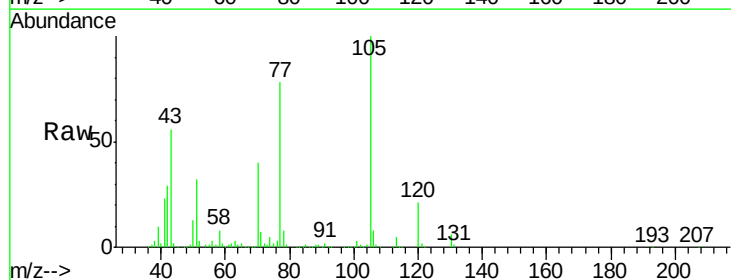
Ion Ratio Lower Upper

105 100

71 6.9 3.2 4.8#

51 31.8 26.2 39.4

120 20.6 16.6 24.8

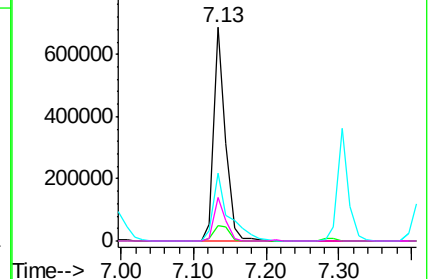
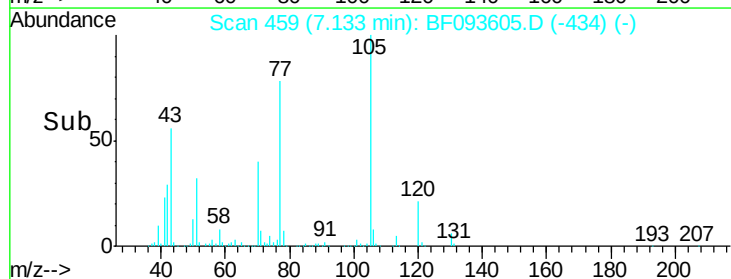


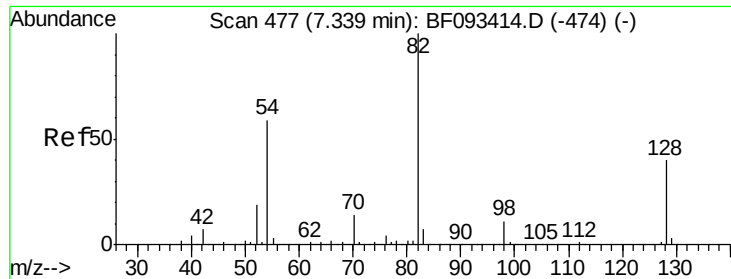
Abundance Ion 105.00 (104.70 to 105.70): E

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

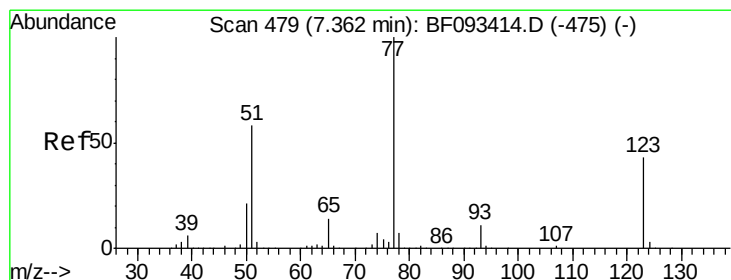
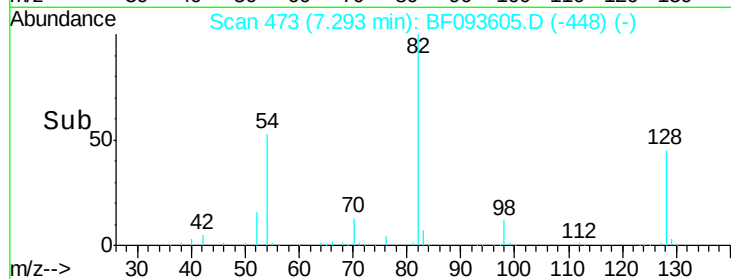
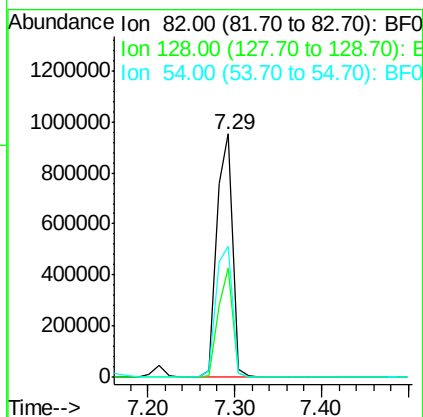
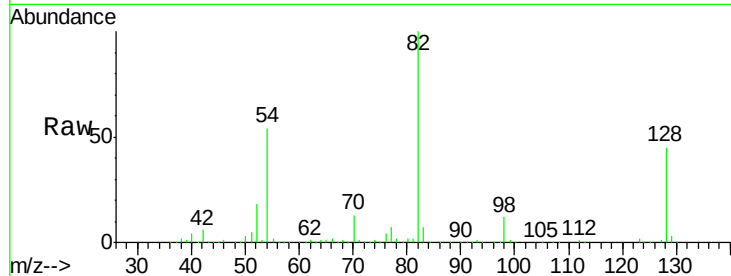




#23
 Nitrobenzene-d5
 Concen: 99.15 ng
 RT: 7.29 min Scan# 473
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

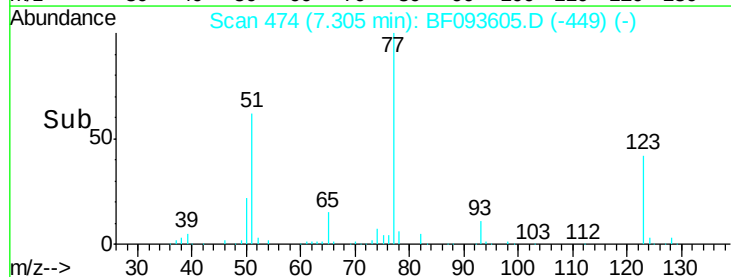
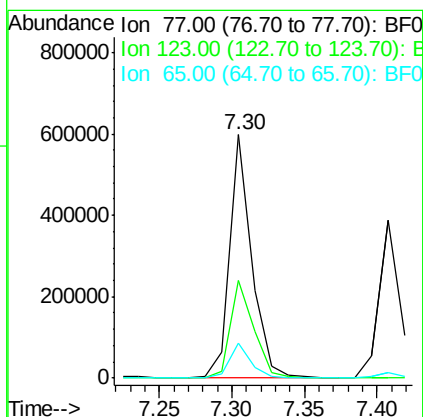
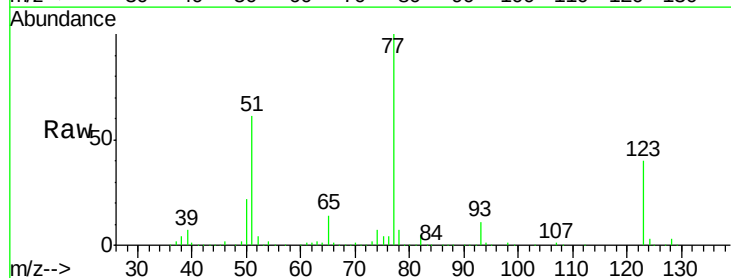
Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

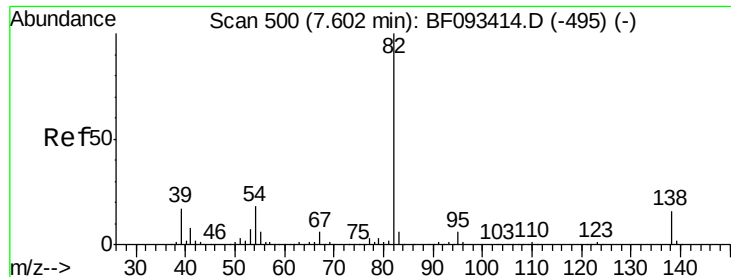
Tgt Ion: 82 Resp: 1223093
 Ion Ratio Lower Upper
 82 100
 128 44.9 34.6 52.0
 54 53.9 39.5 59.3



#24
 Nitrobenzene
 Concen: 45.28 ng
 RT: 7.30 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion: 77 Resp: 627714
 Ion Ratio Lower Upper
 77 100
 123 40.0 33.0 49.4
 65 14.2 11.2 16.8





#25

Isophorone

Concen: 45.35 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

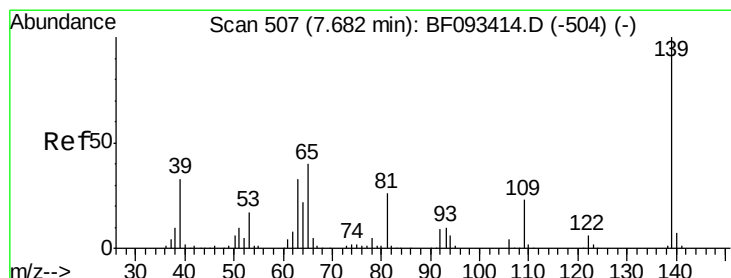
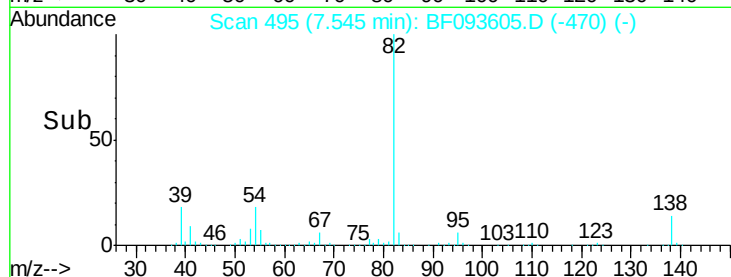
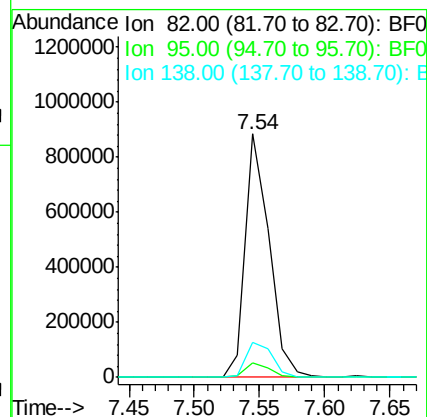
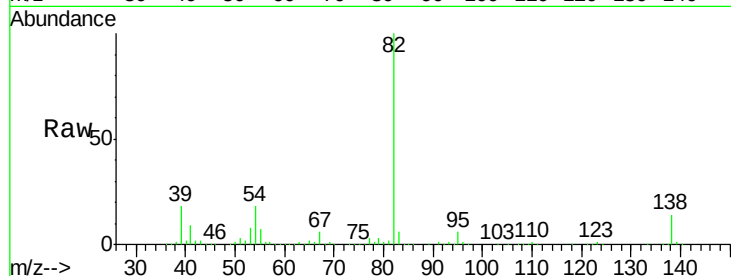
Tgt Ion: 82 Resp: 1128073

Ion Ratio Lower Upper

82 100

95 6.2 5.6 8.4

138 14.2 14.6 22.0#



#26

2-Nitrophenol

Concen: 46.94 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

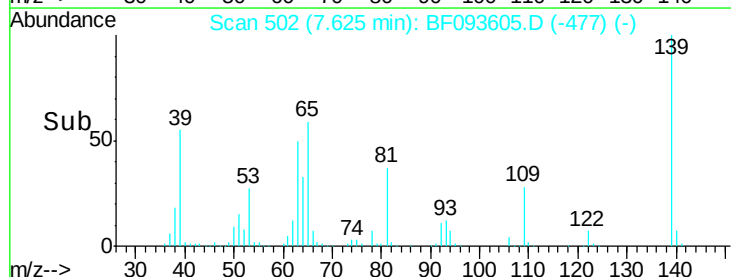
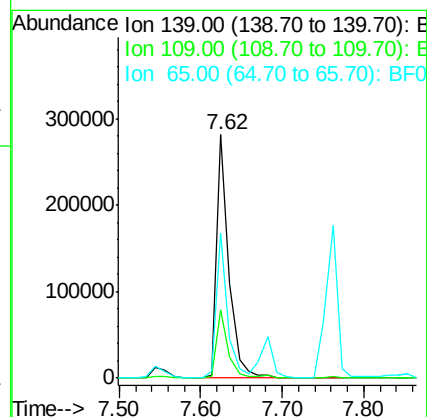
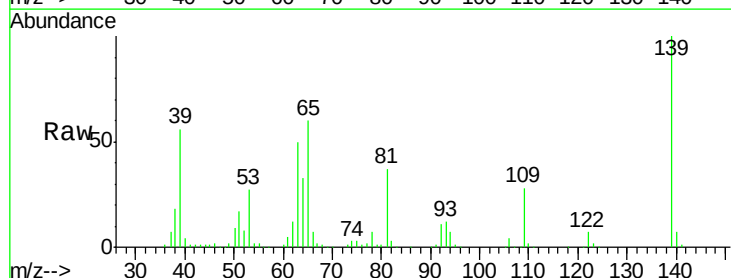
Tgt Ion: 139 Resp: 296897

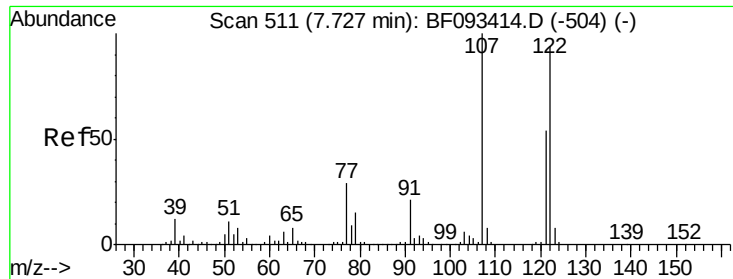
Ion Ratio Lower Upper

139 100

109 28.2 23.3 34.9

65 59.7 42.7 64.1

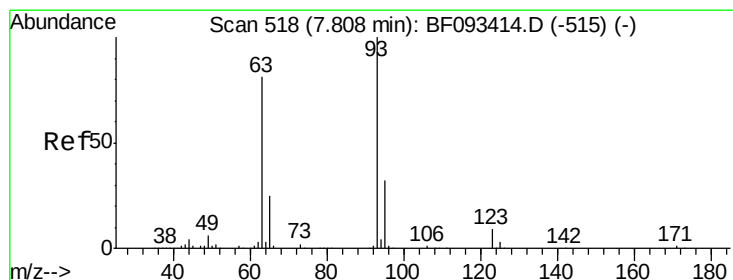
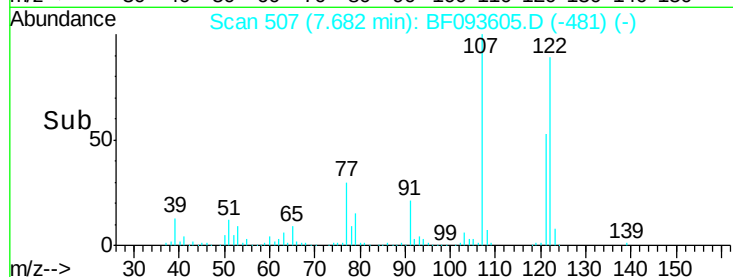
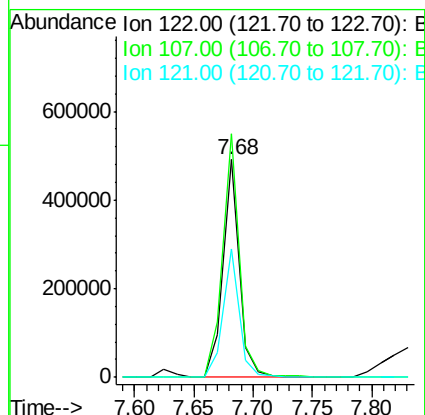
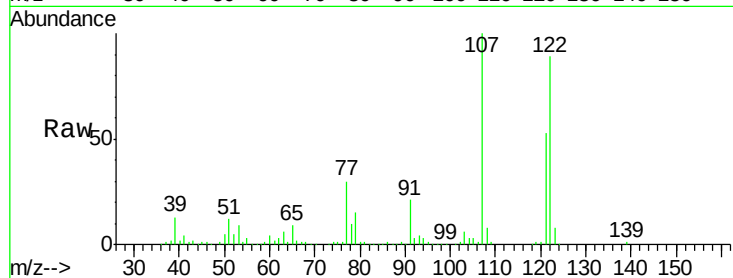




#27
 2,4-Dimethylphenol
 Concen: 44.66 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

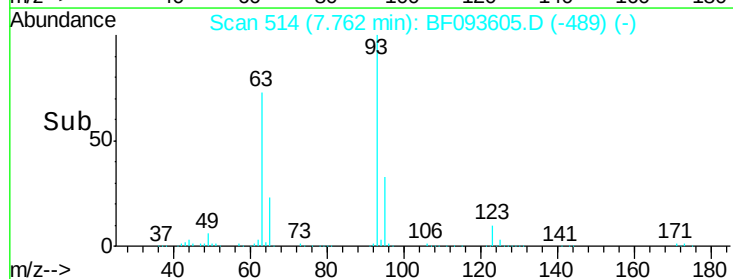
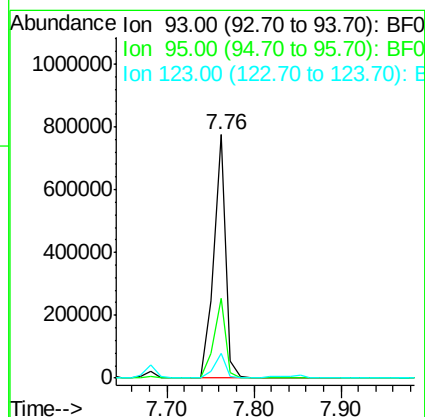
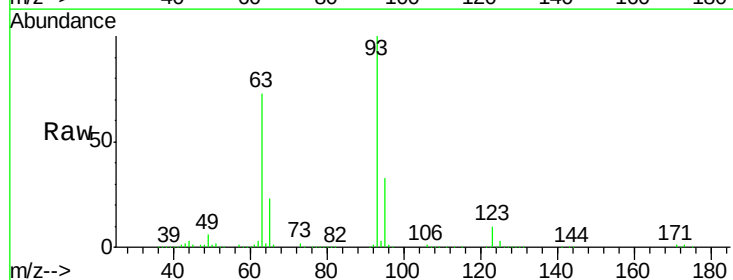
Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

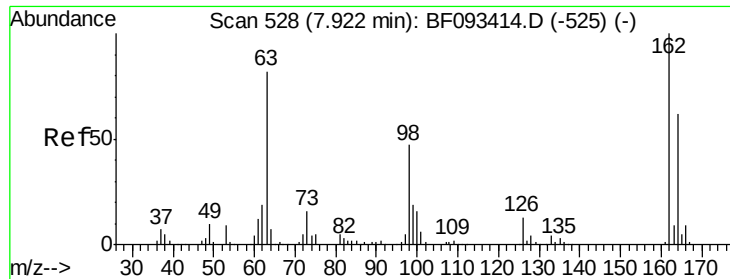
Tgt Ion: 122 Resp: 459576
 Ion Ratio Lower Upper
 122 100
 107 112.0 94.1 141.1
 121 59.1 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.68 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion: 93 Resp: 748718
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 10.2 8.6 13.0

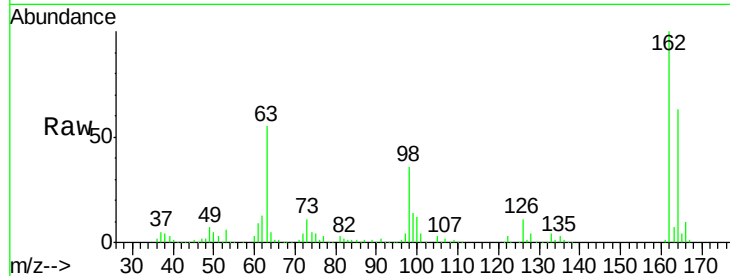




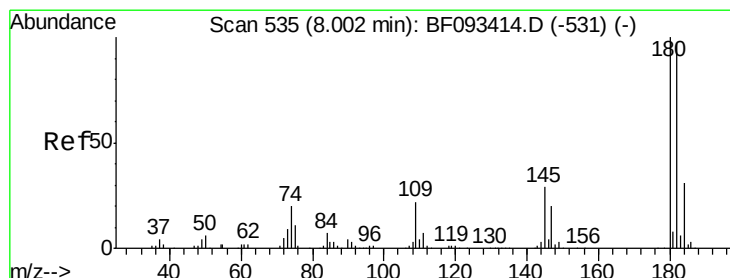
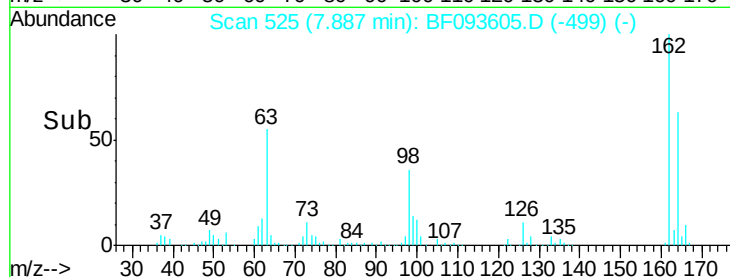
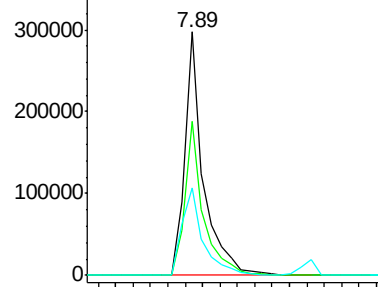
#29
 2,4-Dichlorophenol
 Concen: 45.83 ng
 RT: 7.89 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	46.8	86.8
98	35.7	9.1	49.1

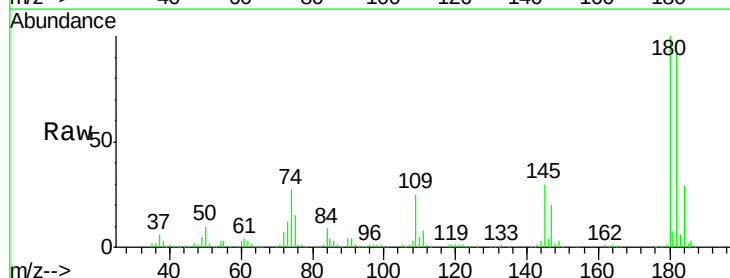


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

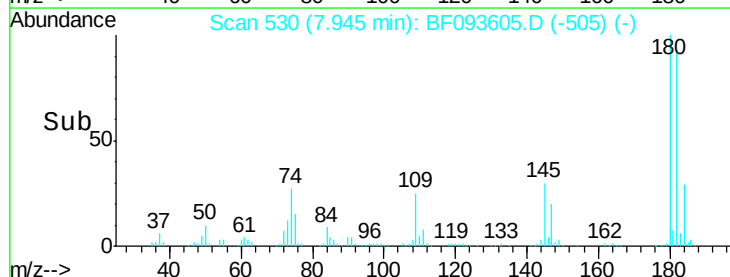
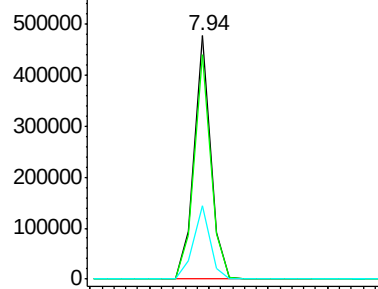


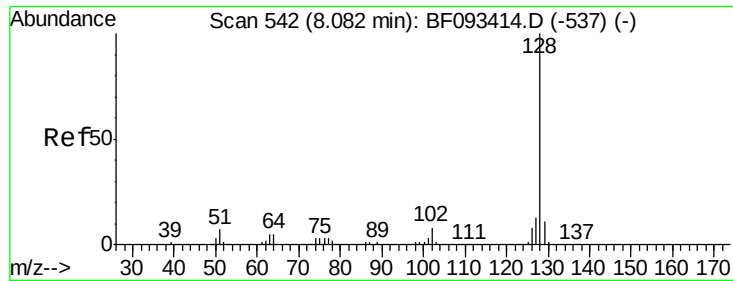
#30
 1,2,4-Trichlorobenzene
 Concen: 44.46 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	78.2	117.4
145	30.1	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

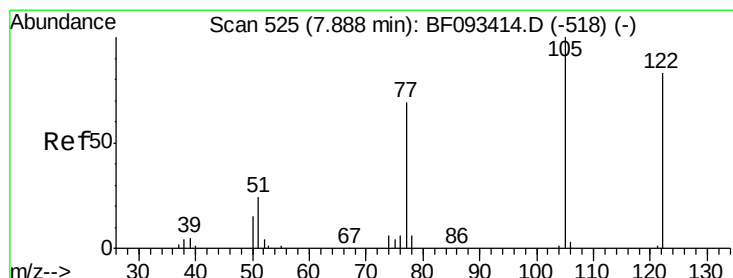
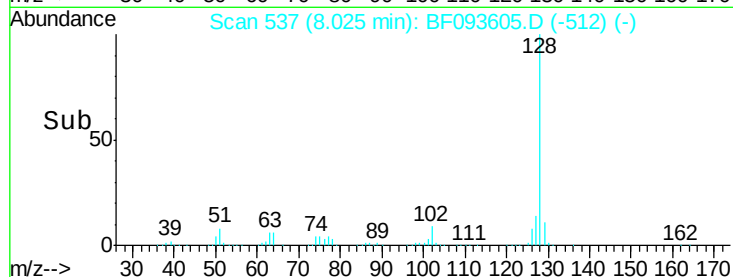
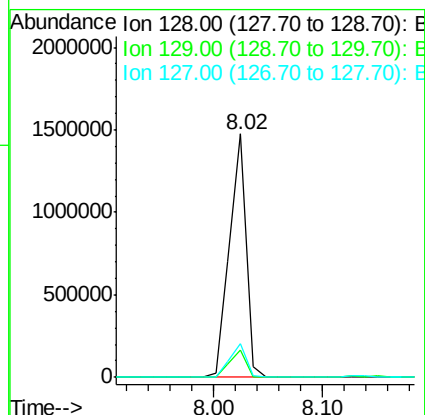
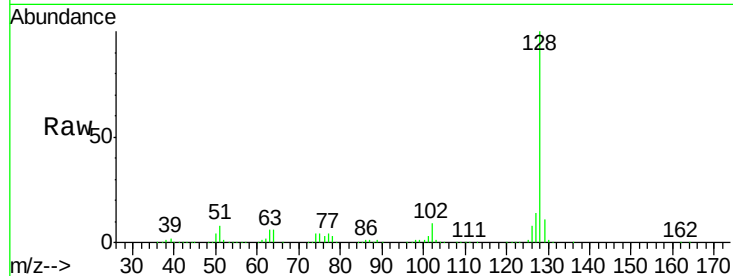




#31
Naphthalene
Concen: 45.53 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

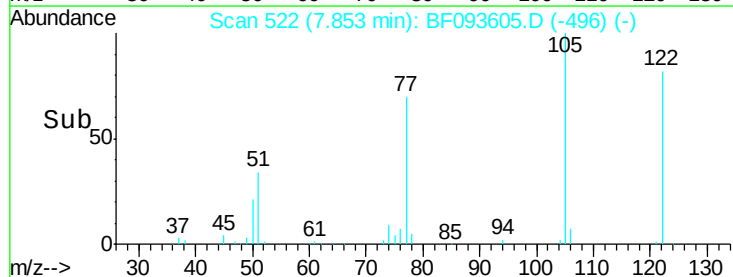
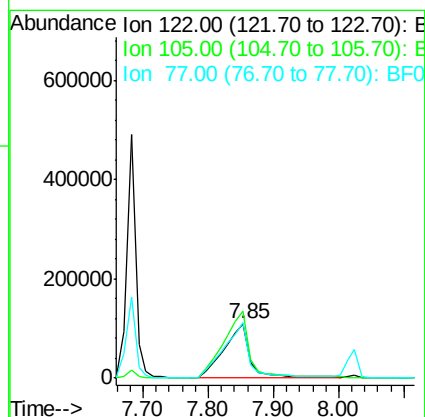
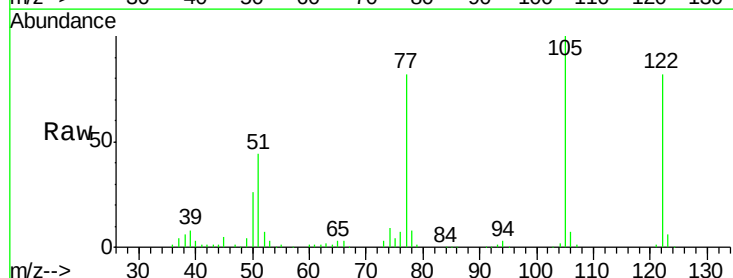
Instrument :
BNA_F
ClientSampleId :
D-64MS

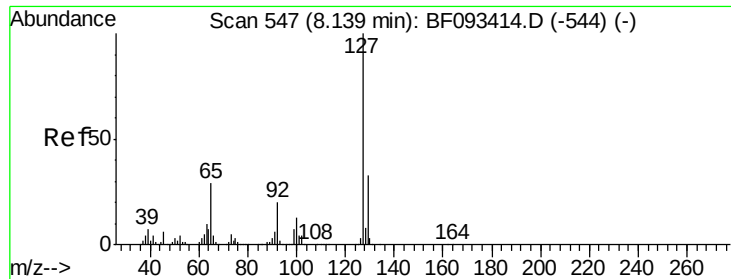
Tgt Ion:128 Resp: 1561667
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 55.72 ng
RT: 7.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:122 Resp: 297932
Ion Ratio Lower Upper
122 100
105 122.3 107.2 147.2
77 100.6 74.5 114.5

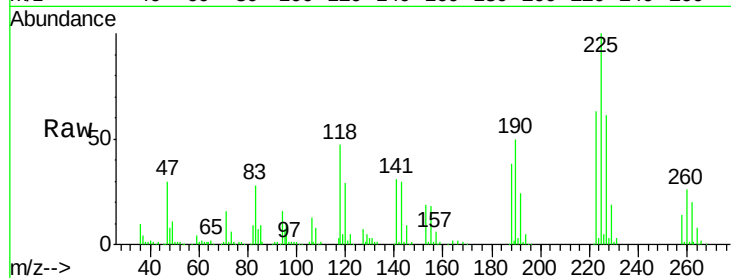




#33
4-Chloroaniline
Concen: 2.44 ng
RT: 8.13 min Scan# 546
Delta R.T. 0.03 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tgt Ion:	127	Resp:	33988
Ion	Ratio	Lower	Upper
127	100		
129	75.6	26.3	39.5#
65	34.0	25.8	38.8
92	20.1	16.1	24.1



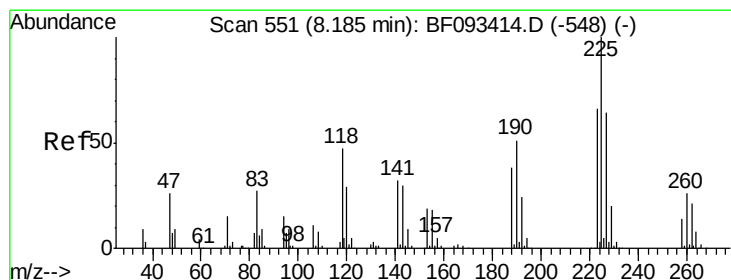
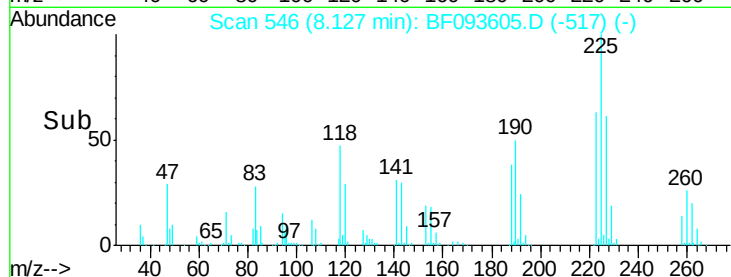
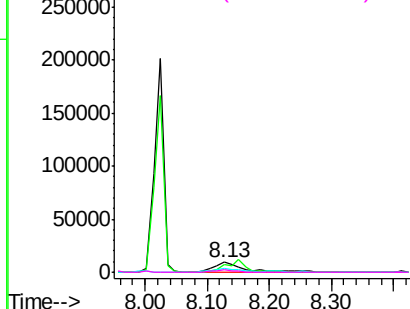
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

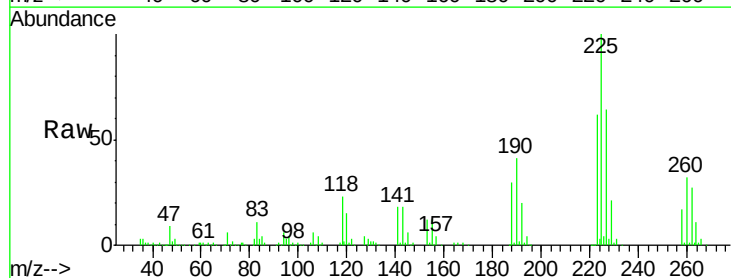
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 45.81 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:	225	Resp:	242915
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	63.9	50.6	76.0

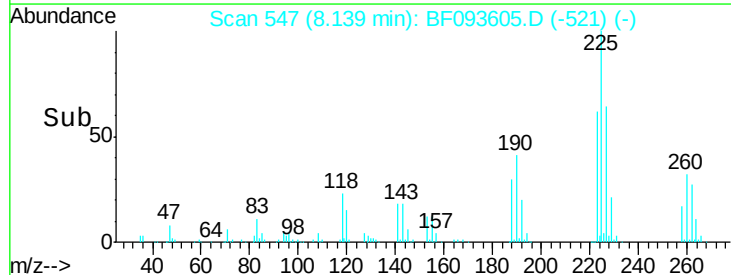
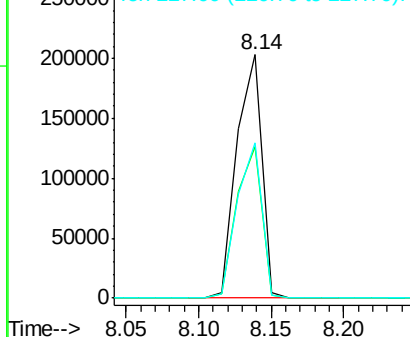


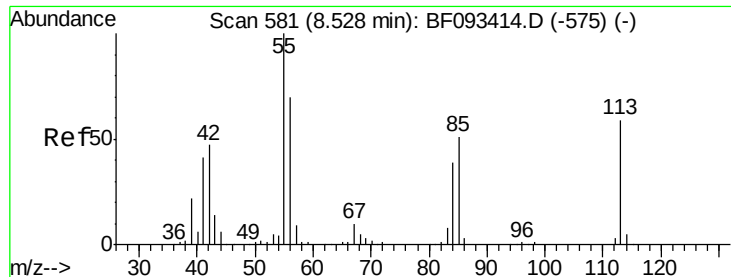
Abundance

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

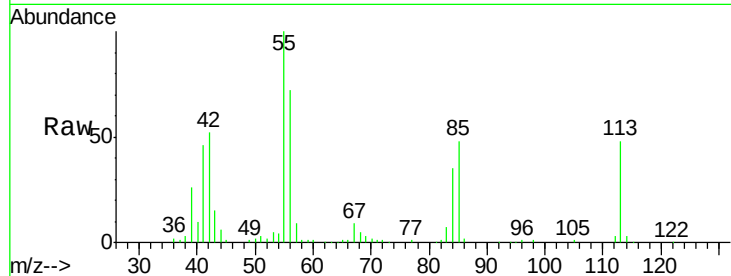




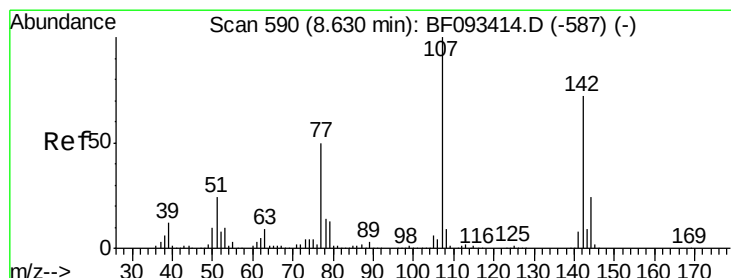
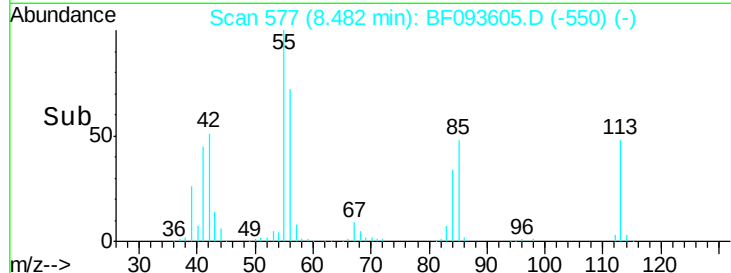
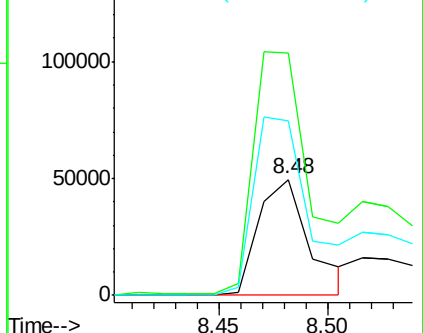
#35
 Caprolactam
 Concen: 24.53 ng
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tgt Ion:113 Resp: 81096
 Ion Ratio Lower Upper
 113 100
 55 209.6 119.2 159.2#
 56 150.5 83.8 123.8#

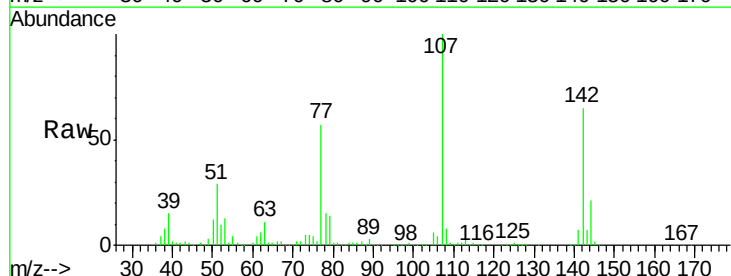


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

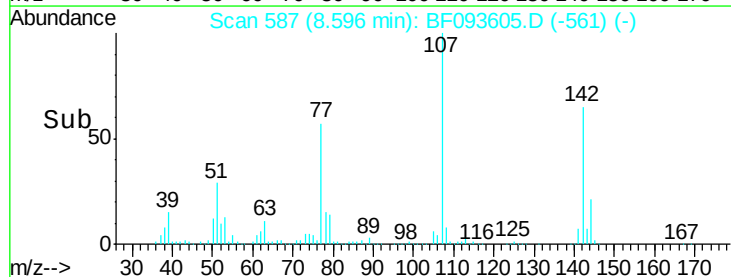
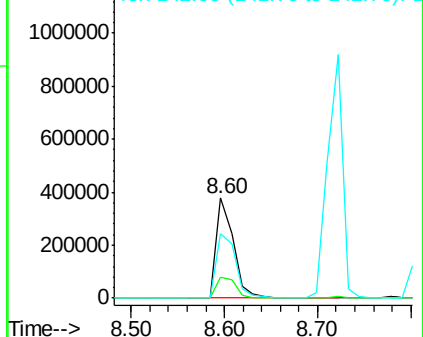


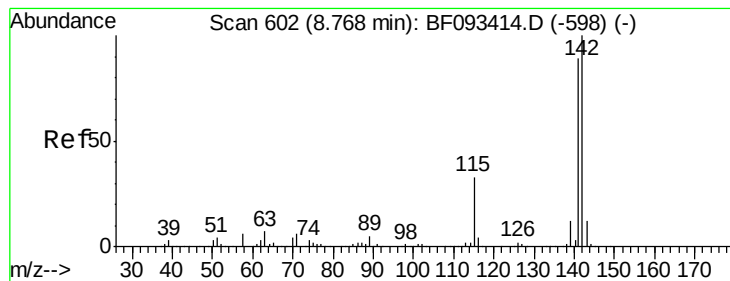
#36
 4-Chloro-3-methylphenol
 Concen: 46.07 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion:107 Resp: 476002
 Ion Ratio Lower Upper
 107 100
 144 20.8 19.3 28.9
 142 65.0 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.65 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

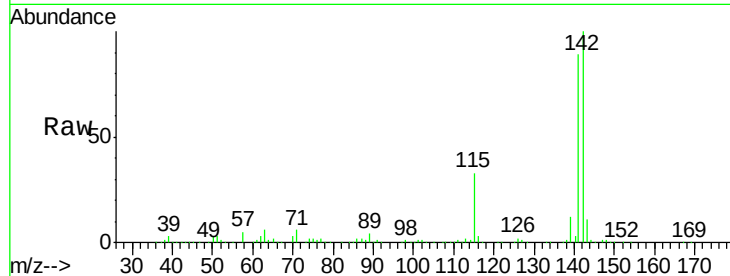
Tgt Ion:142 Resp: 1017901

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6

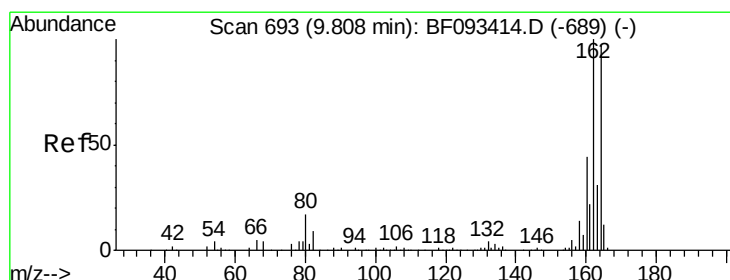
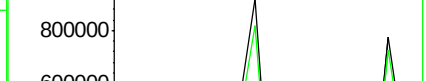
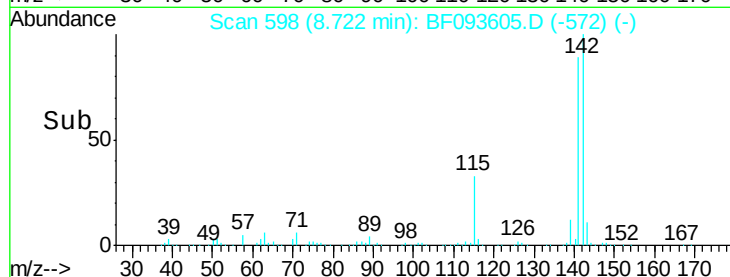
115 32.8 28.3 42.5



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: 9.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

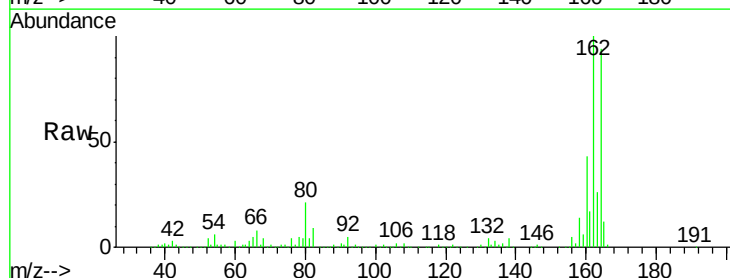
Tgt Ion:164 Resp: 282478

Ion Ratio Lower Upper

164 100

162 105.9 80.2 120.2

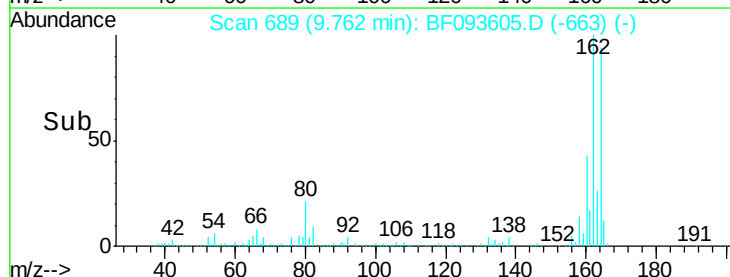
160 45.9 36.9 55.3

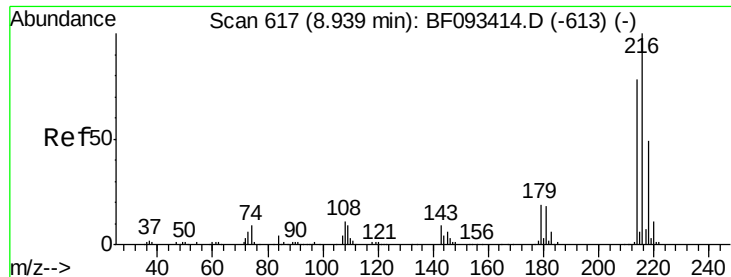


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

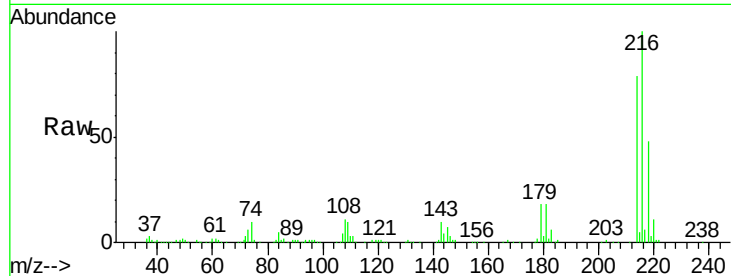




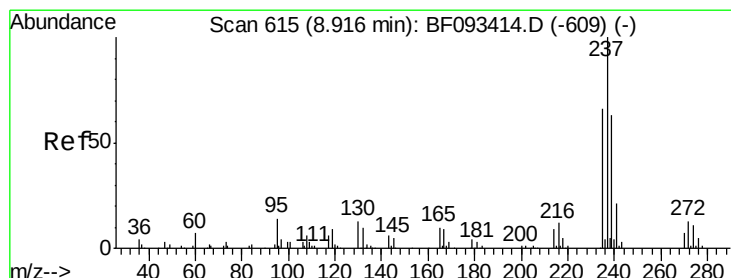
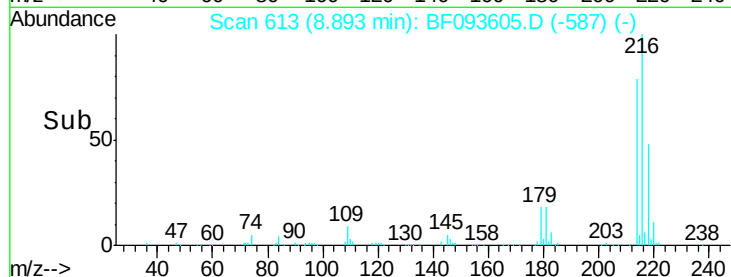
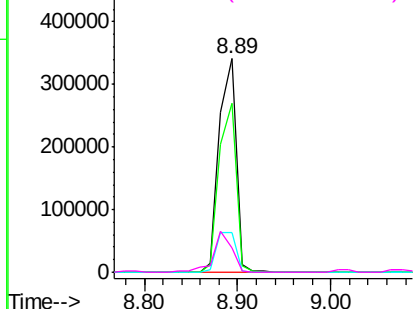
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.07 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampled :
 D-64MS

Tgt Ion:	216	Resp:	432471
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.2	17.4	26.2
108	20.6	15.6	23.4

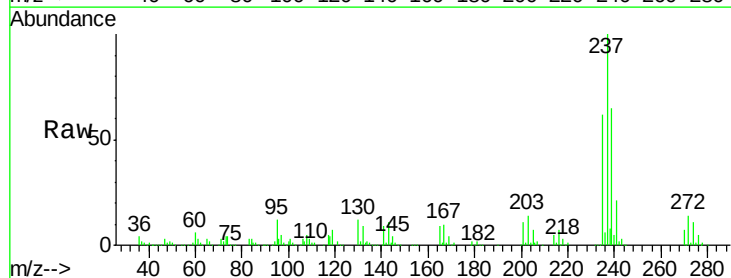


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

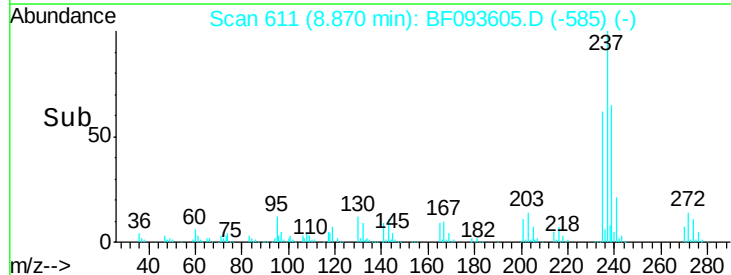
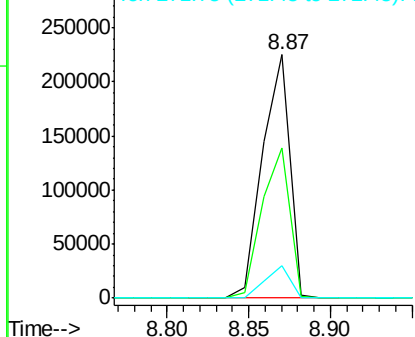


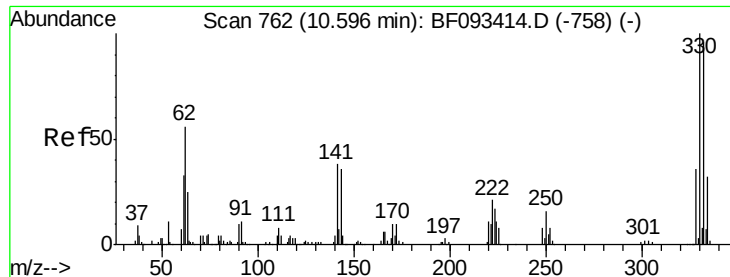
#40
 Hexachlorocyclopentadiene
 Concen: 126.32 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion:	237	Resp:	261900
Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.2	81.2
272	13.6	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

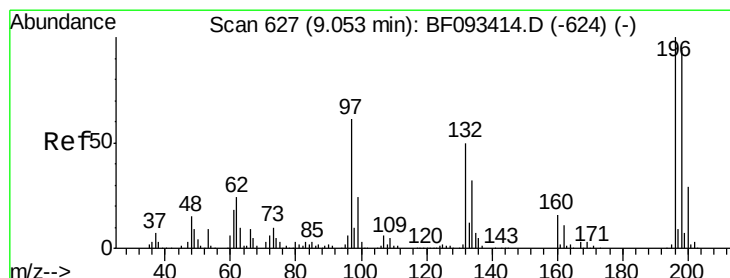
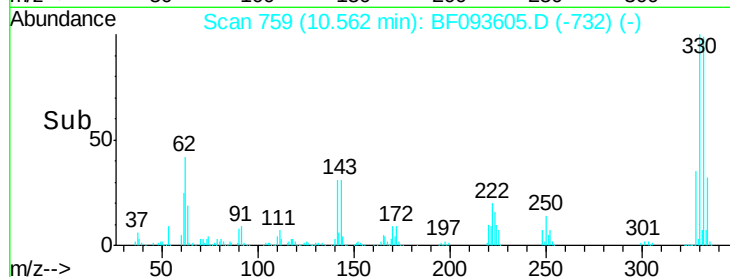
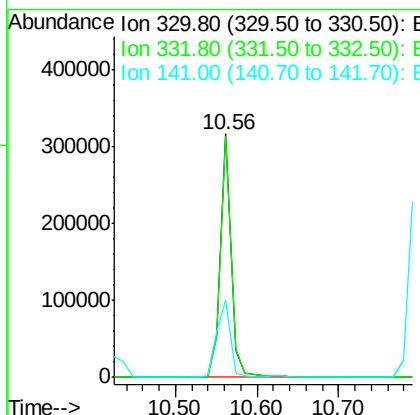
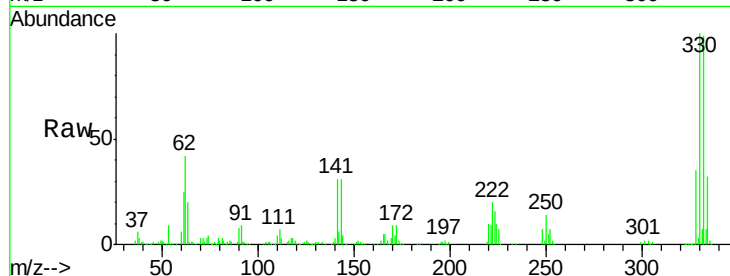




#41
 2,4,6-Tribromophenol
 Concen: 159.54 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

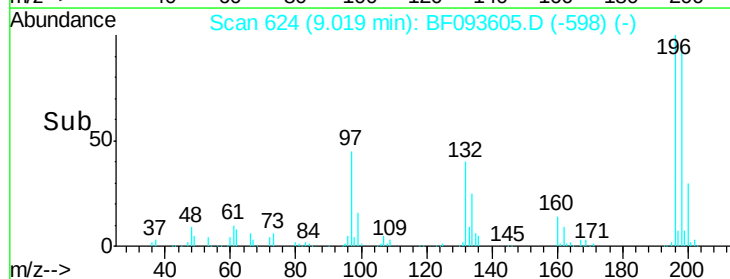
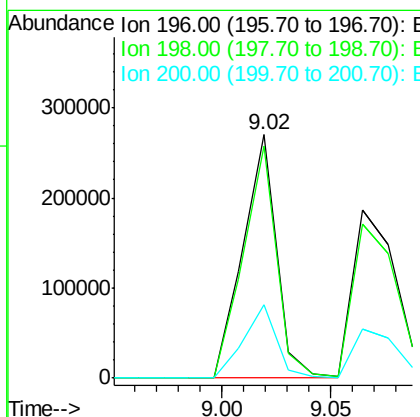
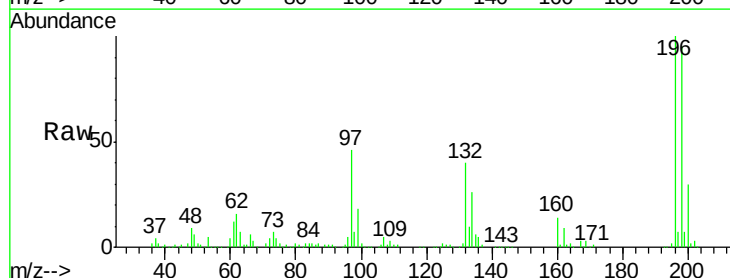
Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

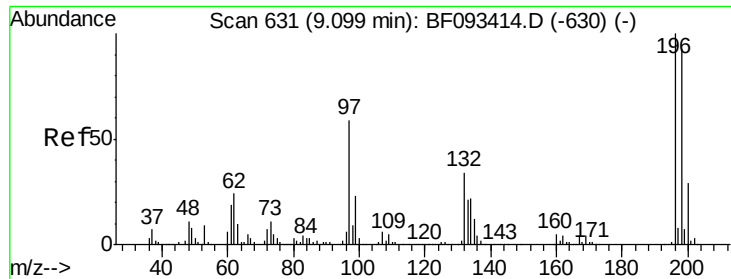
Tgt Ion:330 Resp: 293613
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.4 116.2
 141 39.8 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 60.31 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion:196 Resp: 290645
 Ion Ratio Lower Upper
 196 100
 198 95.4 82.1 123.1
 200 30.2 27.0 40.4

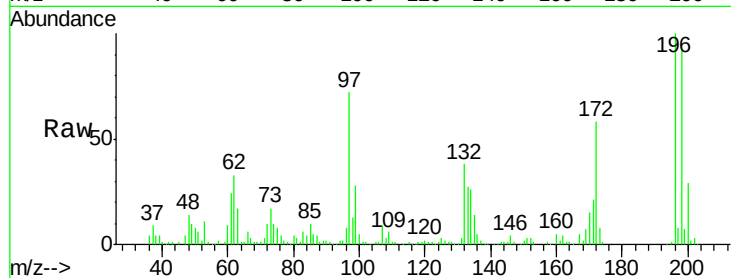




#43
 2,4,5-Trichlorophenol
 Concen: 54.62 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	79.4	119.2
97	72.0	51.5	77.3
132	38.4	27.4	41.2



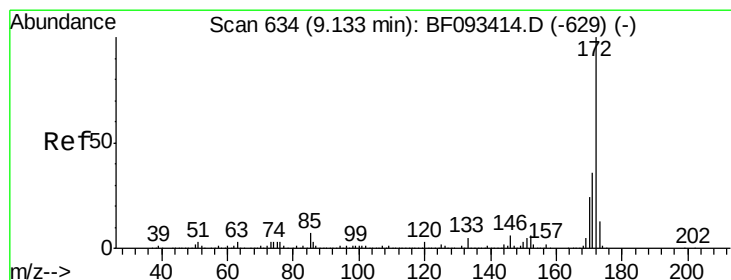
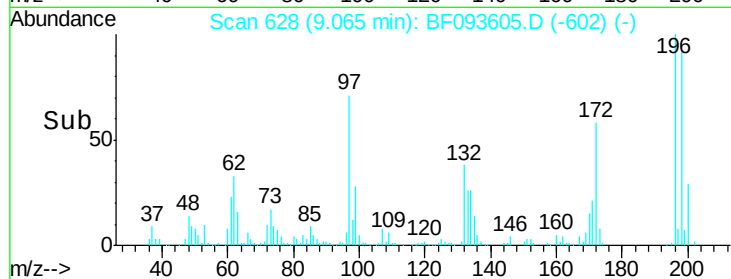
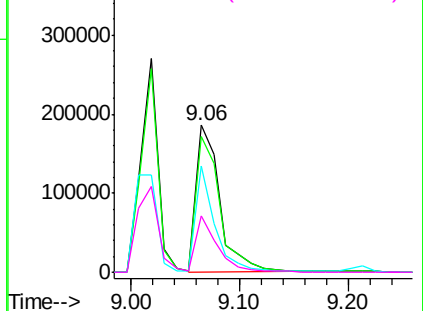
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

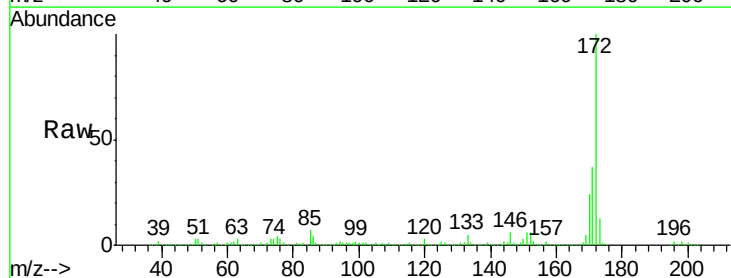
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 116.06 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	20.2	30.4

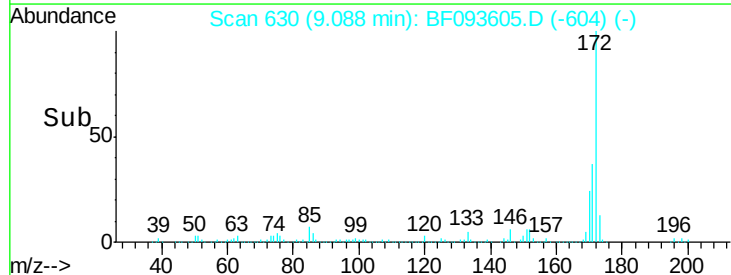
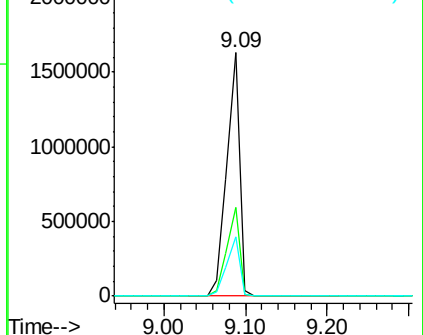


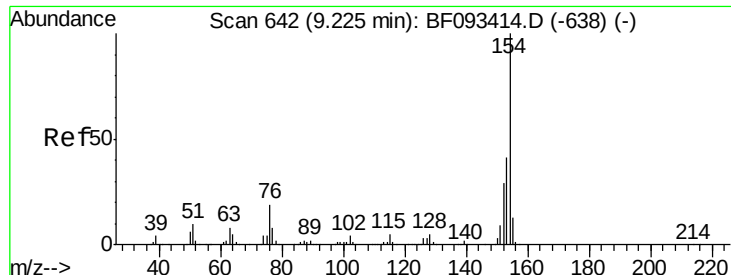
Abundance

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: 56.24 ng

RT: 9.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

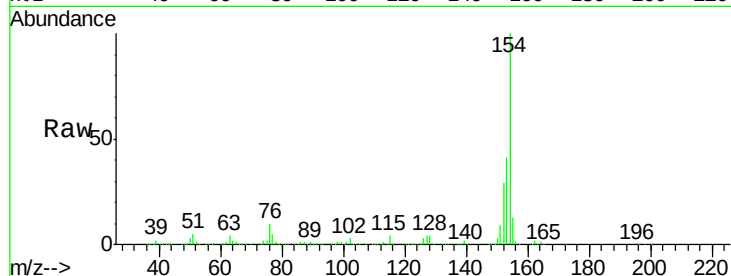
Tgt Ion:154 Resp: 1157294

Ion Ratio Lower Upper

154 100

153 41.2 20.9 60.9

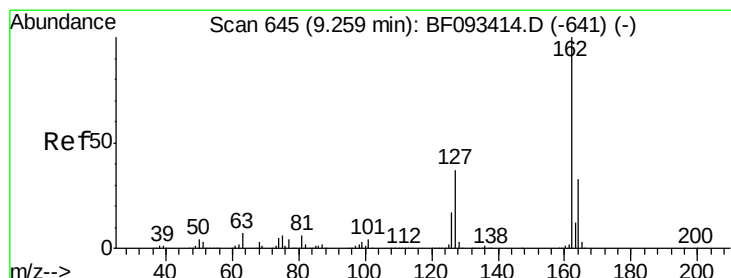
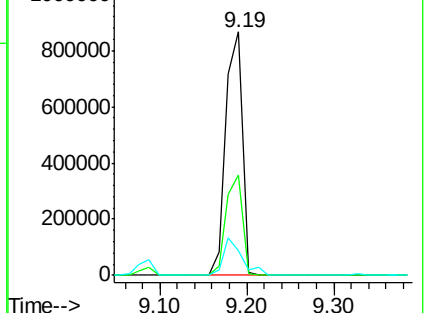
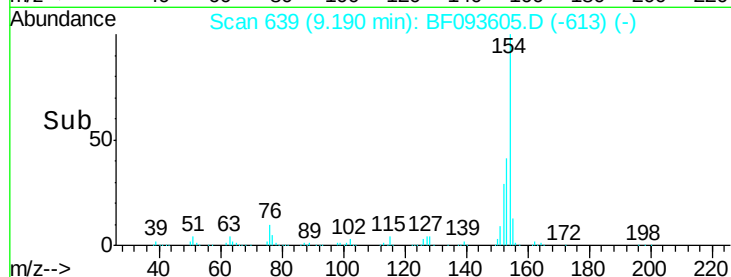
76 10.0 0.0 30.5



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: 61.49 ng

RT: 9.21 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

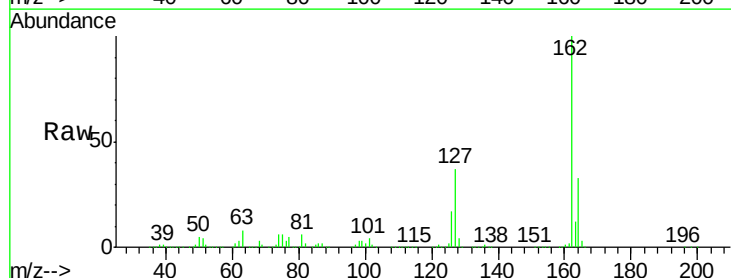
Tgt Ion:162 Resp: 968539

Ion Ratio Lower Upper

162 100

127 37.3 30.7 46.1

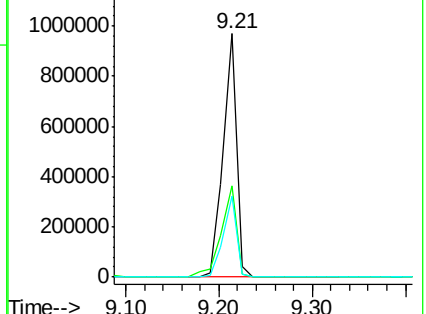
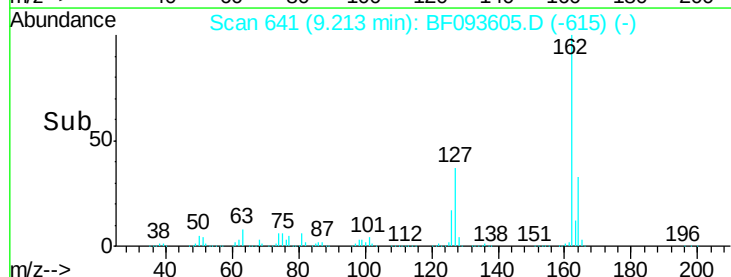
164 33.1 27.6 41.4

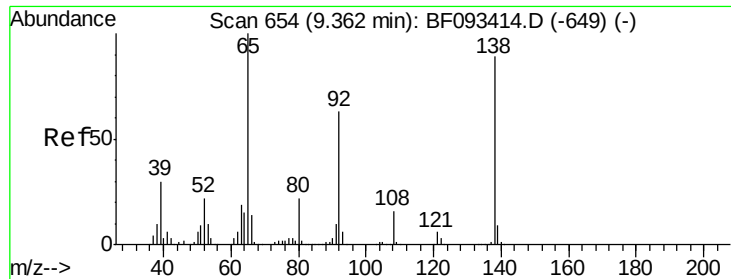


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

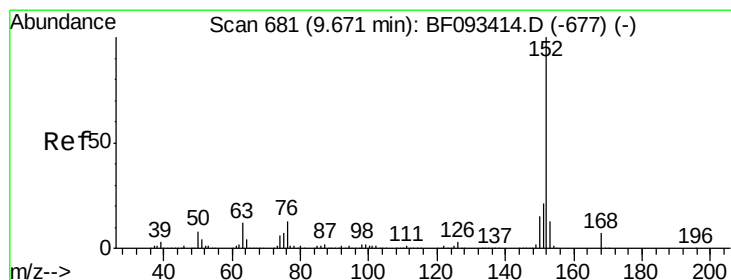
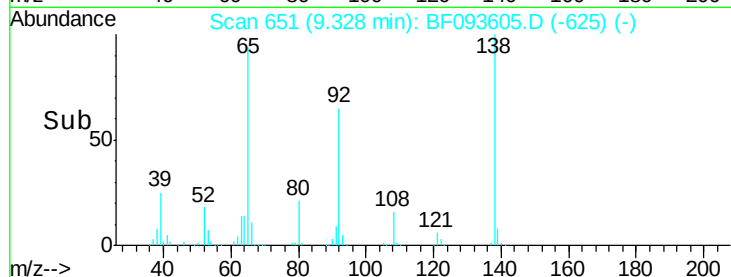
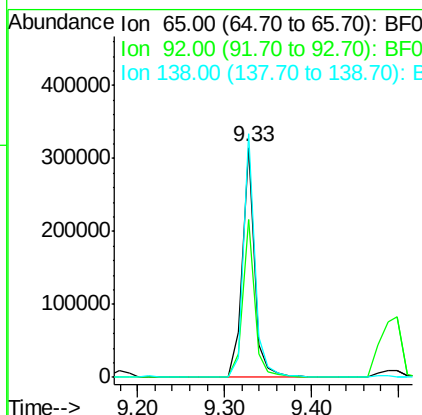
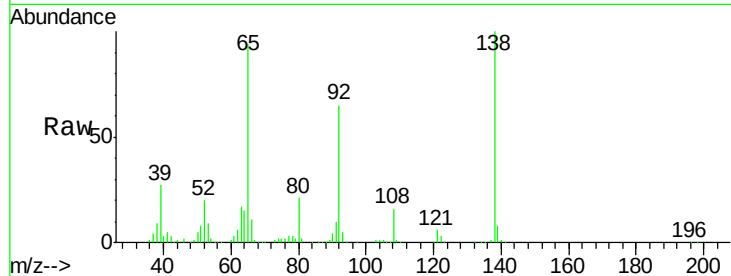




#47
2-Nitroaniline
Concen: 55.31 ng
RT: 9.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

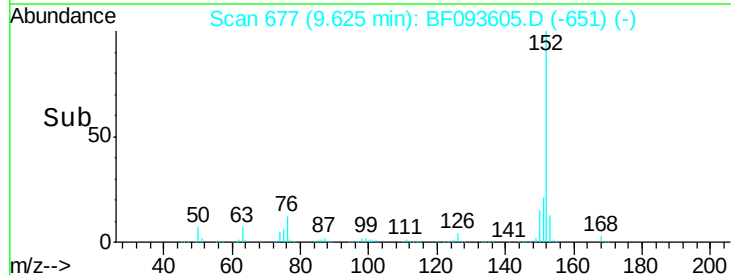
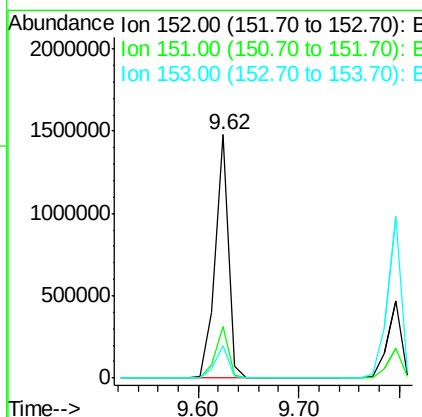
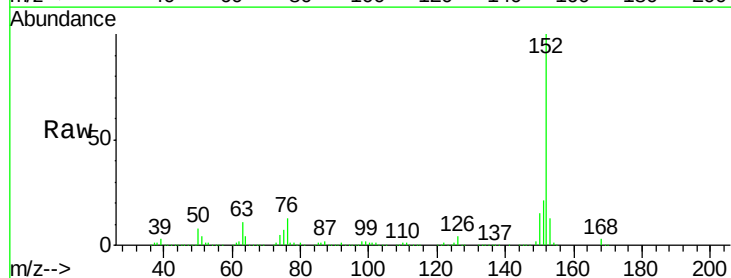
Instrument :
BNA_F
ClientSampled :
D-64MS

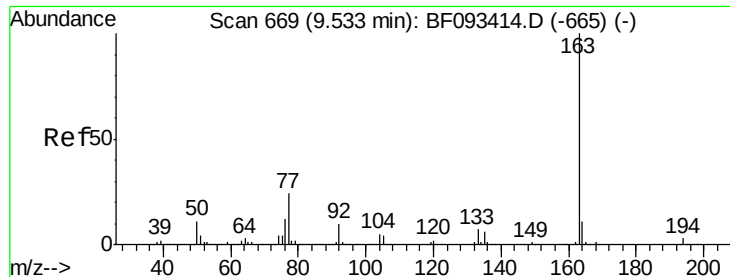
Tgt Ion: 65 Resp: 307960
Ion Ratio Lower Upper
65 100
92 68.8 53.9 80.9
138 105.8 76.8 115.2



#48
Acenaphthylene
Concen: 52.16 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion: 152 Resp: 1355009
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.4 11.4 17.2

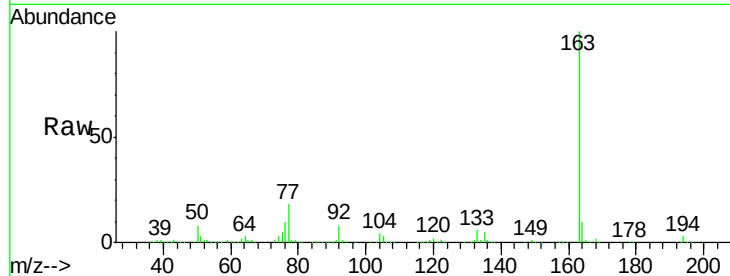




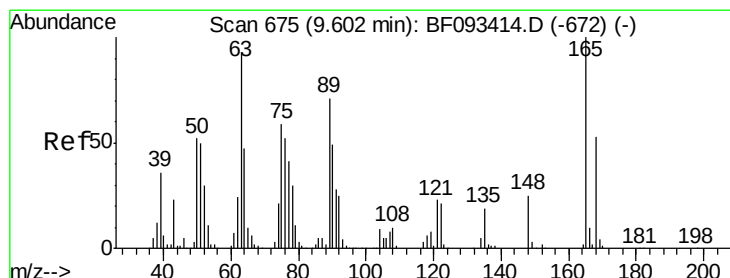
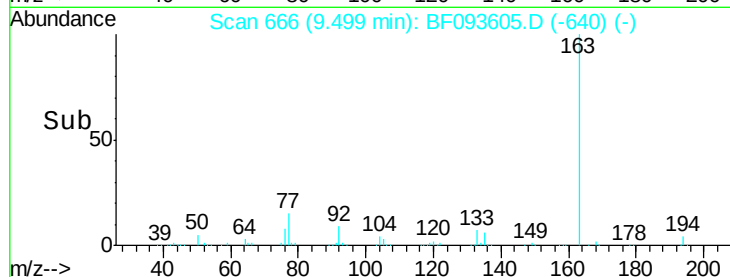
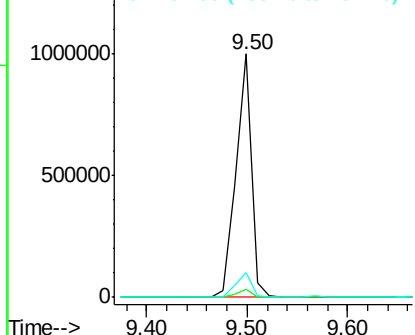
#49
Dimethylphthalate
Concen: 56.61 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleId :
D-64MS

Tgt Ion:163 Resp: 1060129
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.0 8.0 12.0

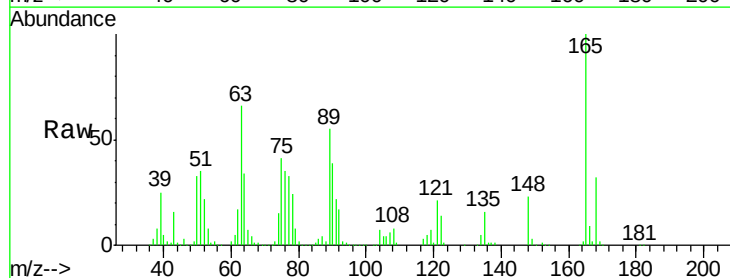


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

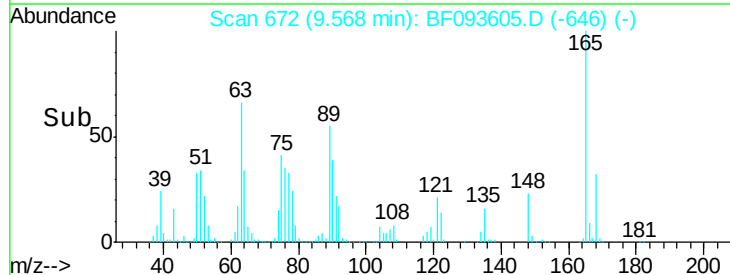
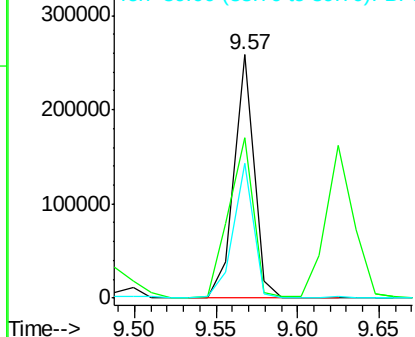


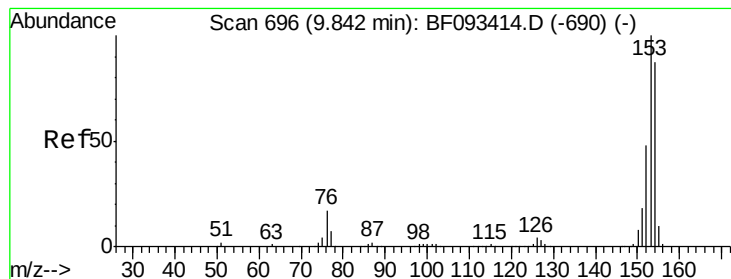
#50
2,6-Dinitrotoluene
Concen: 52.88 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:165 Resp: 217285
Ion Ratio Lower Upper
165 100
63 65.8 36.2 54.4#
89 55.5 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





#51

Acenaphthene

Concen: 52.88 ng

RT: 9.80 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

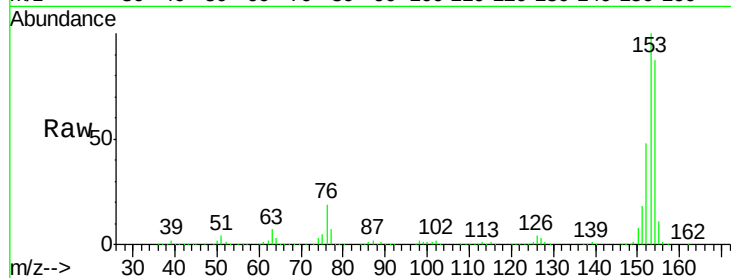
Tgt Ion:154 Resp: 812384

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

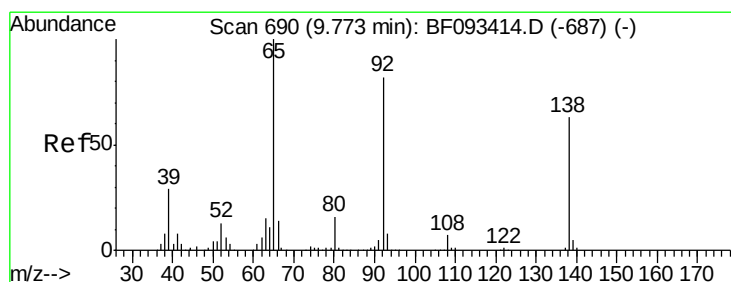
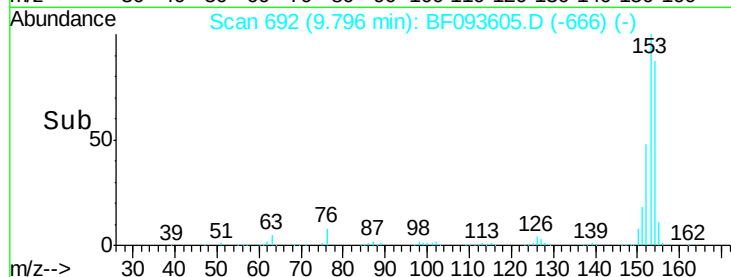
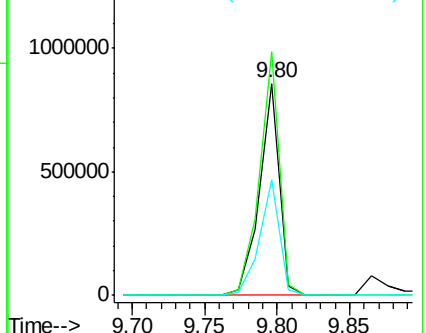
152 54.9 41.6 62.4



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: 8.77 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

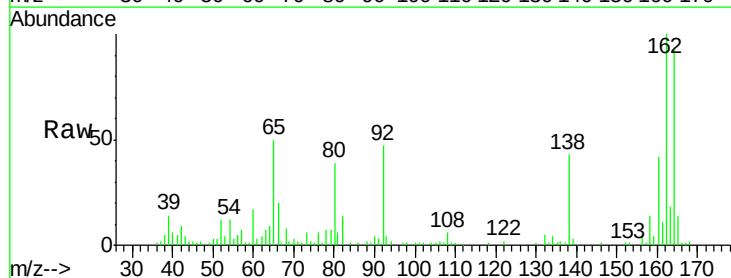
Tgt Ion:138 Resp: 43311

Ion Ratio Lower Upper

138 100

108 14.8 8.5 12.7#

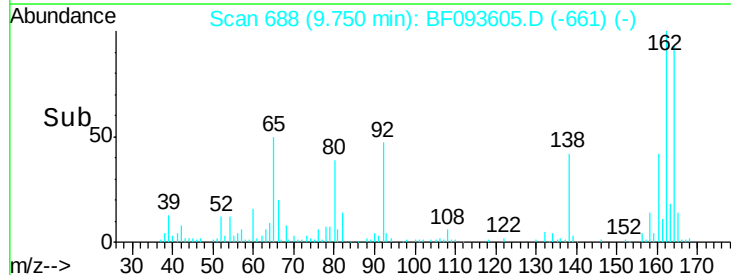
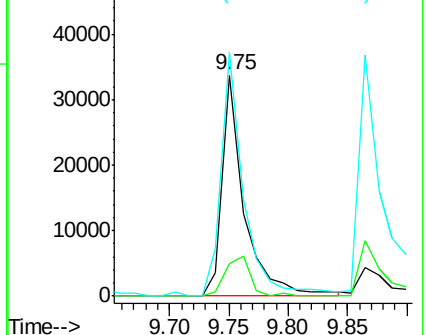
92 110.3 97.8 146.8

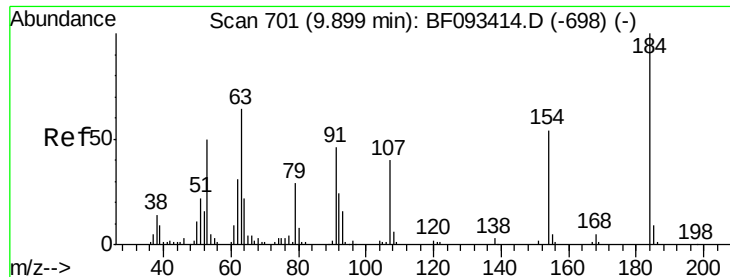


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

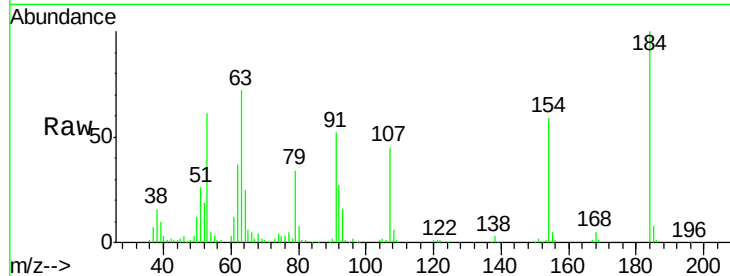




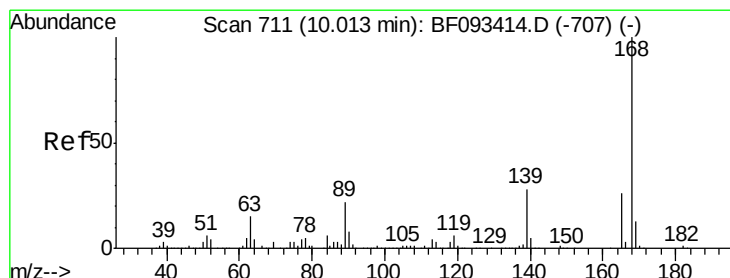
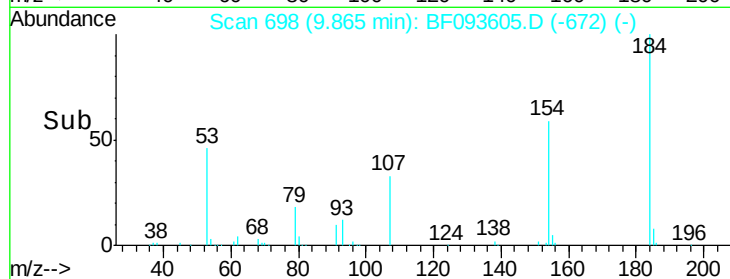
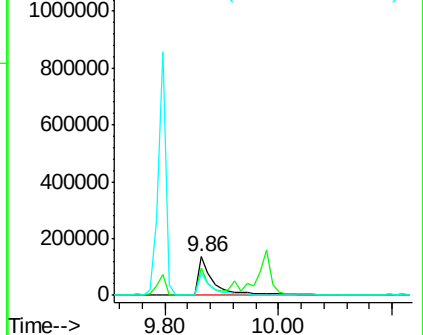
#53
2,4-Dinitrophenol
Concen: 133.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Instrument :
BNA_F
ClientSampleID :
D-64MS

Tgt Ion:184 Resp: 248884
Ion Ratio Lower Upper
184 100
63 71.8 28.4 42.6#
154 58.8 44.3 66.5

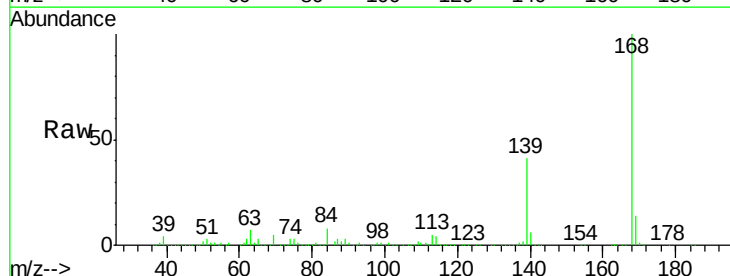


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

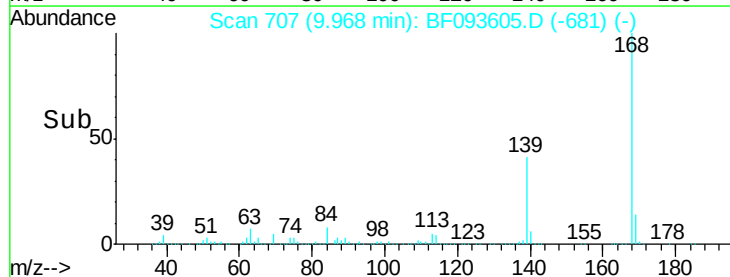
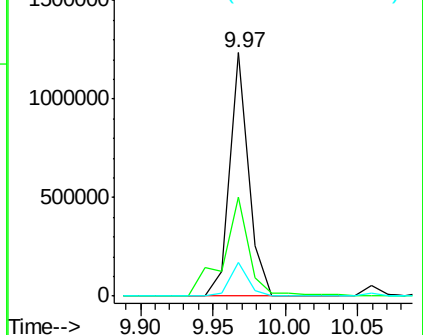


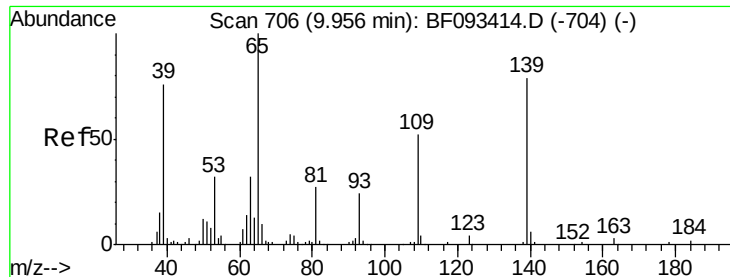
#54
Dibenzofuran
Concen: 58.01 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:168 Resp: 1115369
Ion Ratio Lower Upper
168 100
139 40.5 32.6 49.0
169 13.9 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

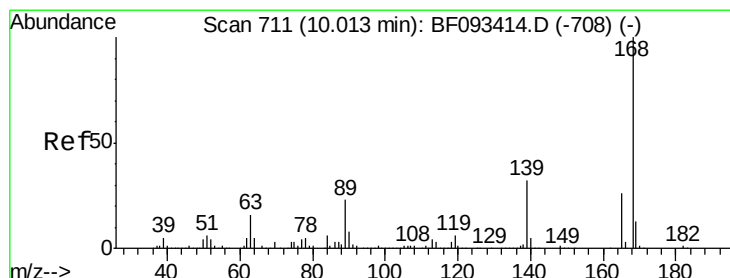
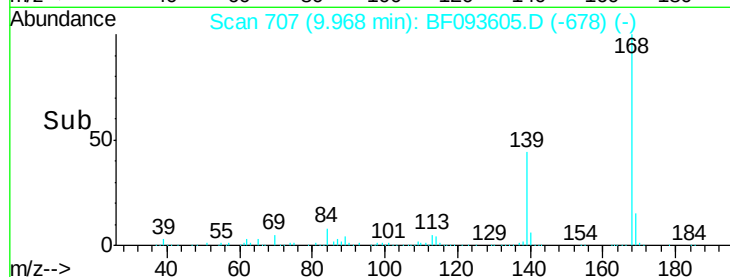
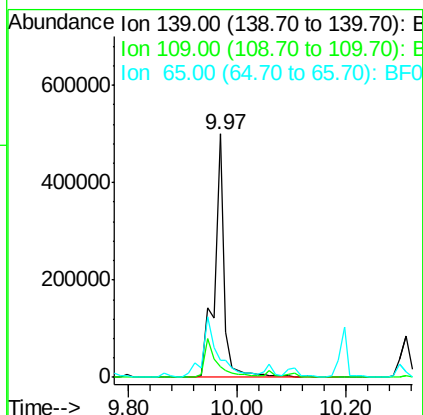
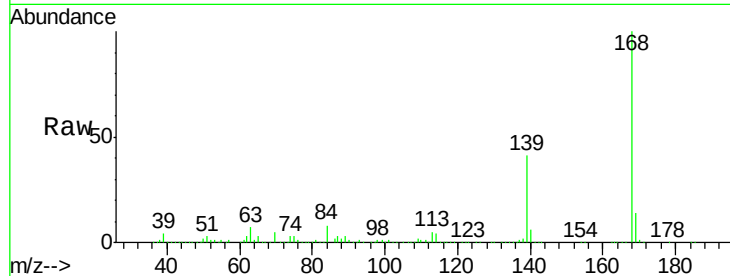




#55
4-Nitrophenol
Concen: 271.33 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

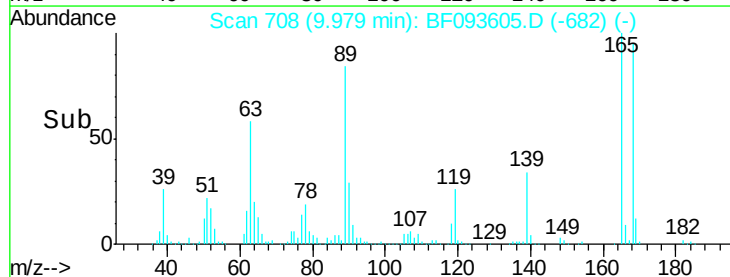
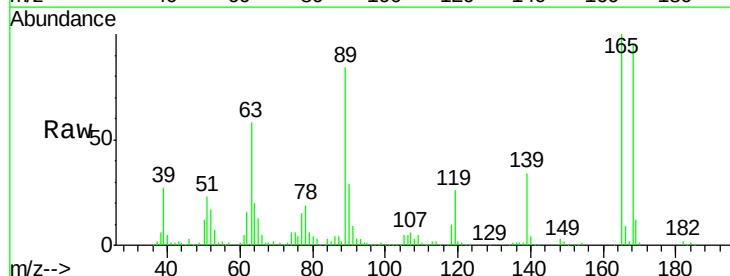
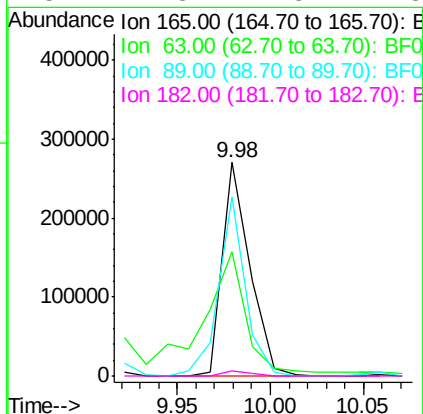
Instrument :
BNA_F
ClientSampleId :
D-64MS

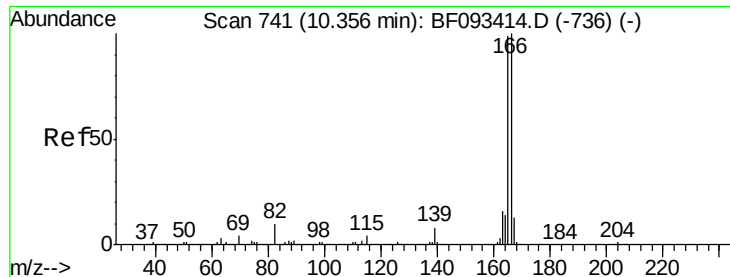
Tgt Ion:139 Resp: 650603
Ion Ratio Lower Upper
139 100
109 4.4 52.2 92.2#
65 7.1 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 55.31 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:165 Resp: 279234
Ion Ratio Lower Upper
165 100
63 58.1 40.2 60.4
89 83.6 62.5 93.7
182 2.3 1.8 2.8

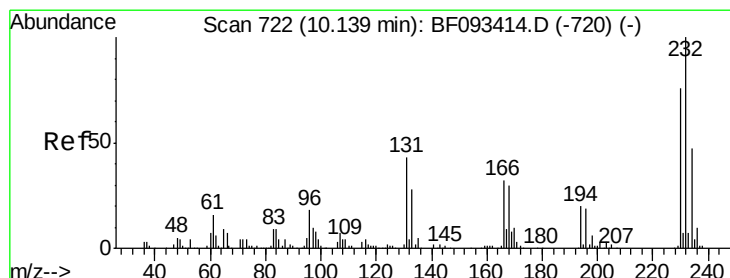
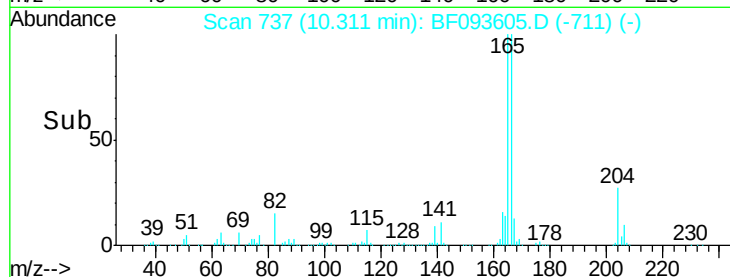
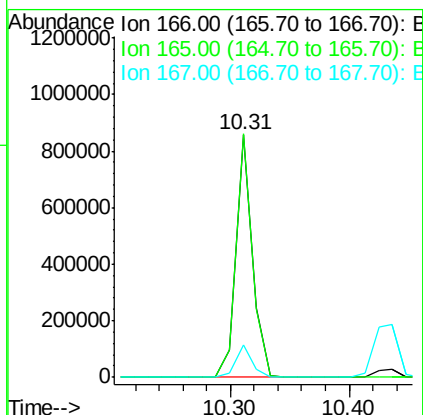
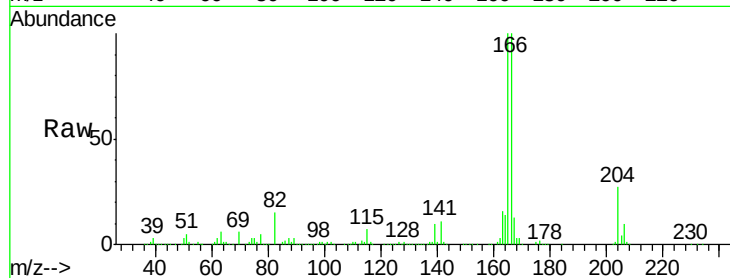




#57
 Fluorene
 Concen: 50.92 ng
 RT: 10.31 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

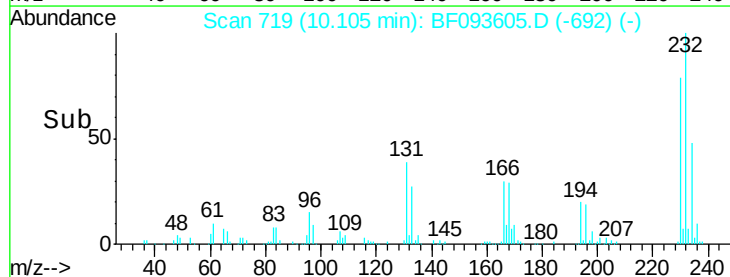
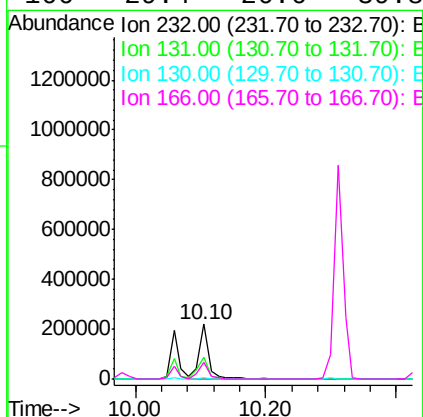
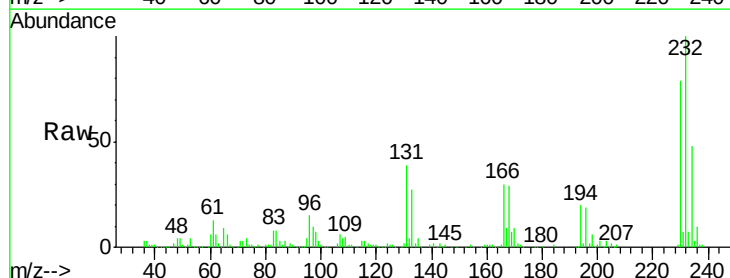
Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

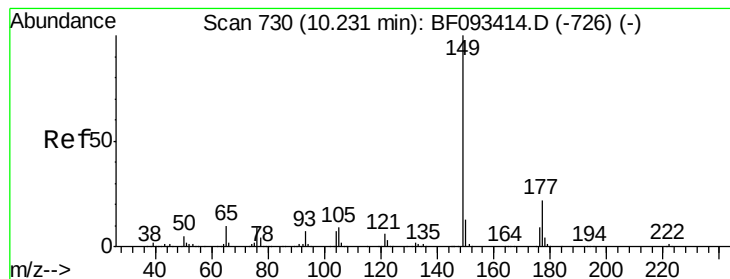
Tgt Ion:166 Resp: 829546
 Ion Ratio Lower Upper
 166 100
 165 100.4 77.8 116.8
 167 13.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 62.28 ng
 RT: 10.10 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion:232 Resp: 227277
 Ion Ratio Lower Upper
 232 100
 131 44.2 40.1 60.1
 130 2.1 1.8 2.8
 166 29.4 26.6 39.8





#59

Diethylphthalate

Concen: 54.42 ng

RT: 10.20 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

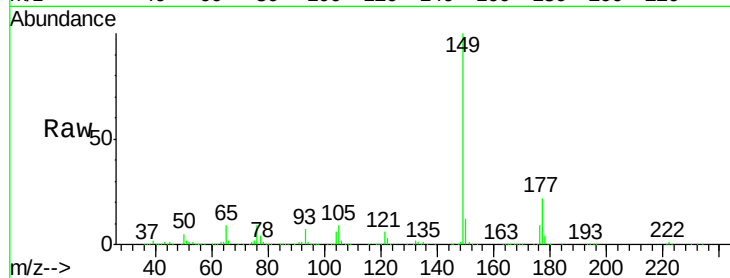
Tgt Ion:149 Resp: 974098

Ion Ratio Lower Upper

149 100

177 22.3 16.6 25.0

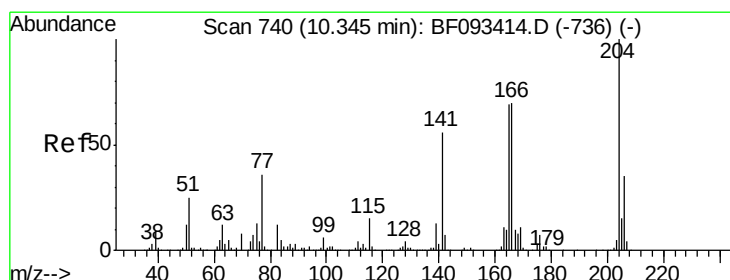
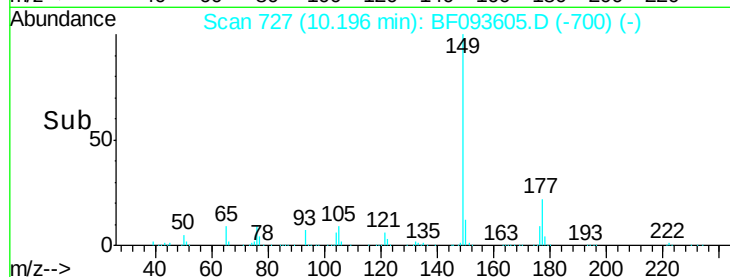
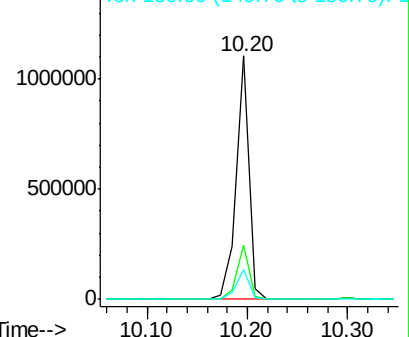
150 12.4 10.4 15.6



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: 55.13 ng

RT: 10.30 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

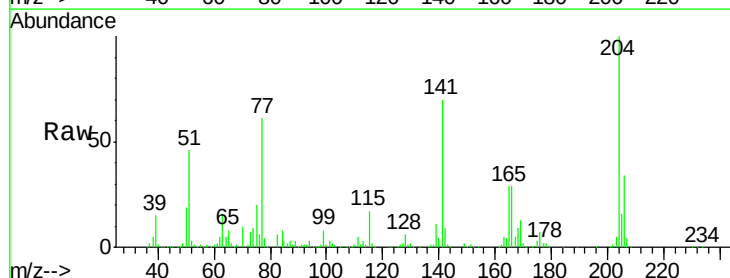
Tgt Ion:204 Resp: 402596

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

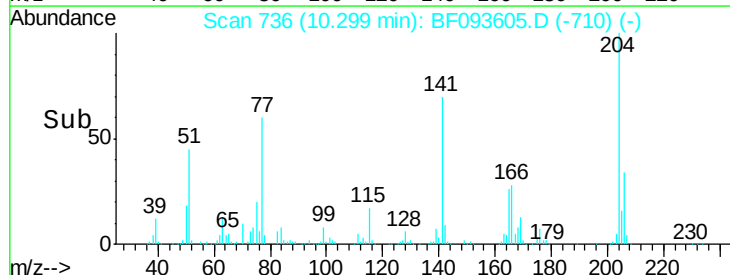
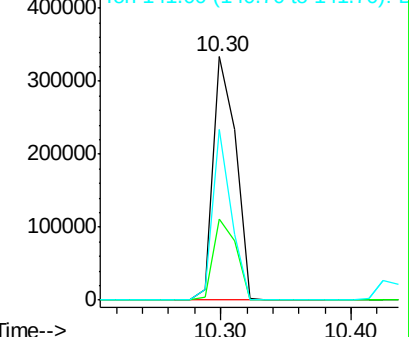
141 70.0 59.4 89.0

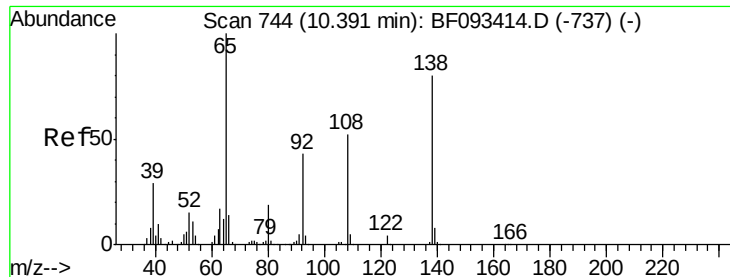


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

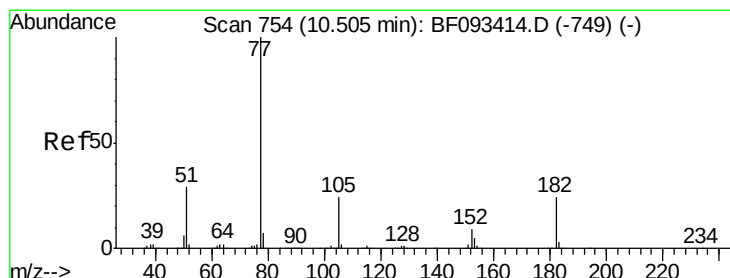
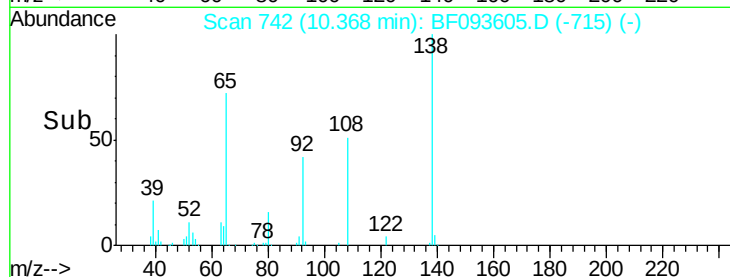
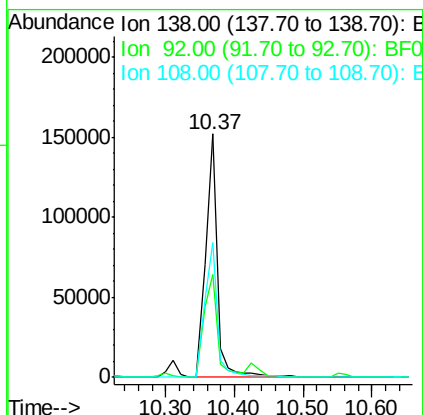
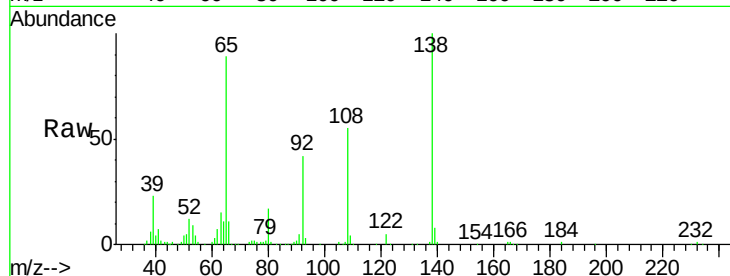




#61
4-Nitroaniline
Concen: 35.69 ng
RT: 10.37 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

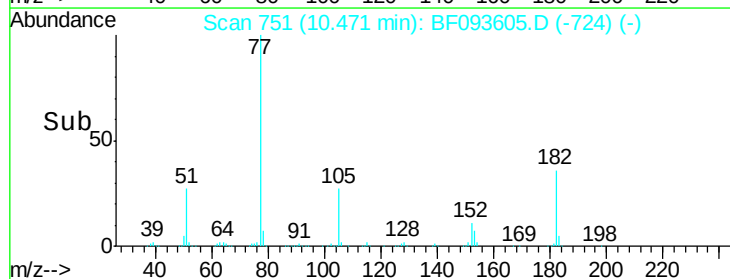
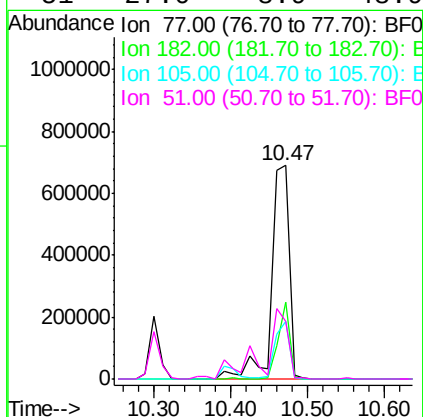
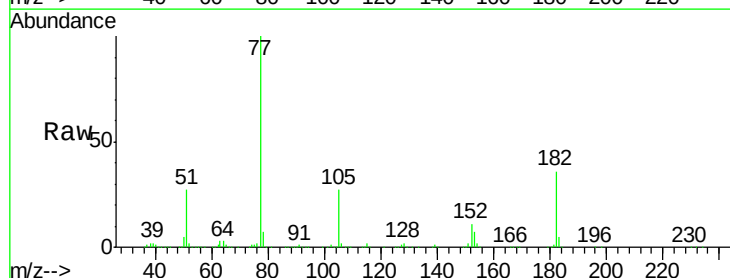
Instrument :
BNA_F
ClientSampled :
D-64MS

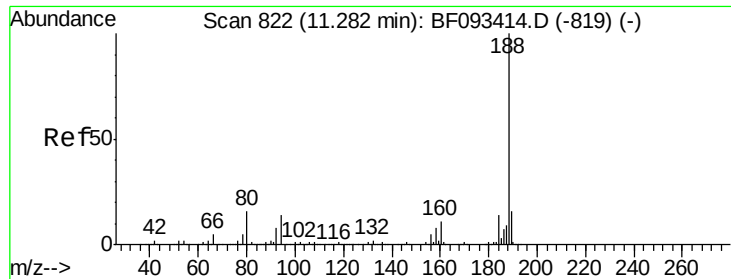
Tgt Ion:138 Resp: 180186
Ion Ratio Lower Upper
138 100
92 42.2 31.7 71.7
108 55.3 52.6 92.6



#62
Azobenzene
Concen: 53.12 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion: 77 Resp: 1080421
Ion Ratio Lower Upper
77 100
182 35.8 0.0 39.3
105 27.1 2.3 42.3
51 27.0 8.9 48.9

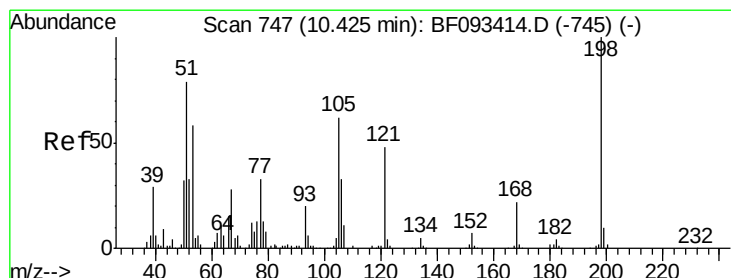
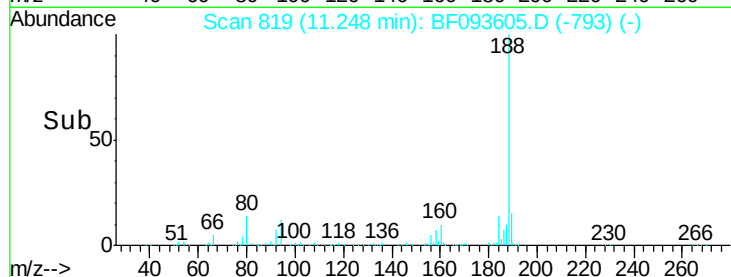
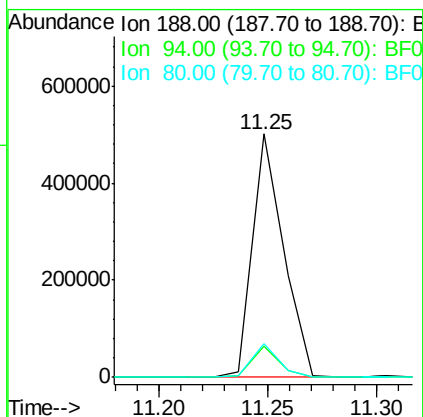
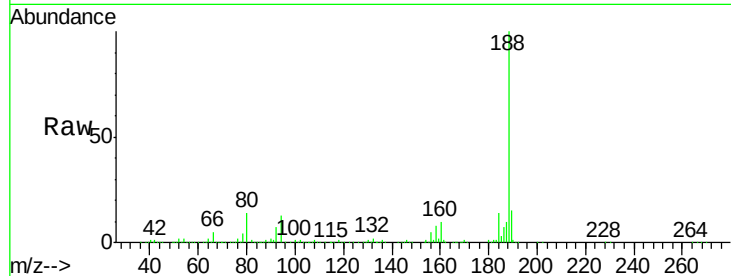




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

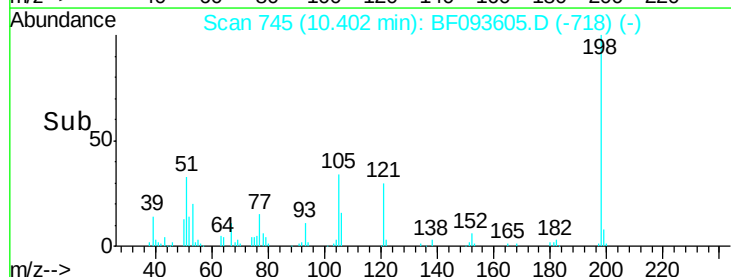
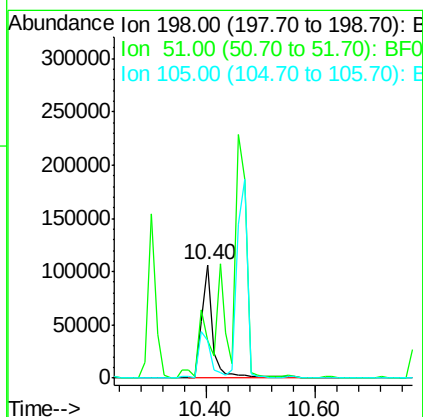
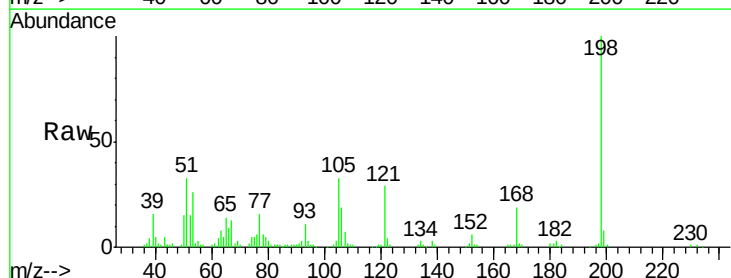
Instrument :
BNA_F
ClientSampleId :
D-64MS

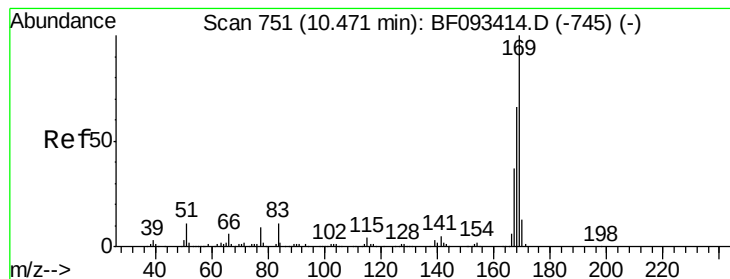
Tgt Ion:188 Resp: 497531
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 13.9 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 47.43 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:198 Resp: 152888
Ion Ratio Lower Upper
198 100
51 33.0 6.7 46.7
105 32.9 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 43.20 ng

RT: 10.44 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

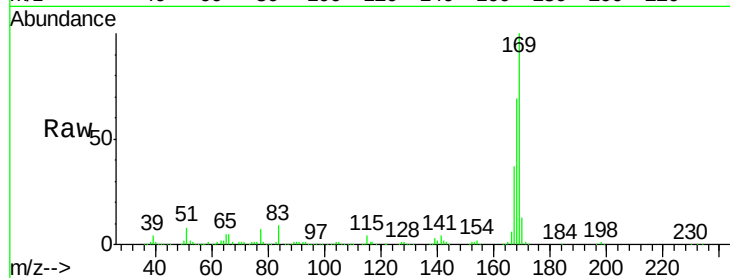
Tgt Ion:169 Resp: 717733

Ion Ratio Lower Upper

169 100

168 68.6 54.2 81.2

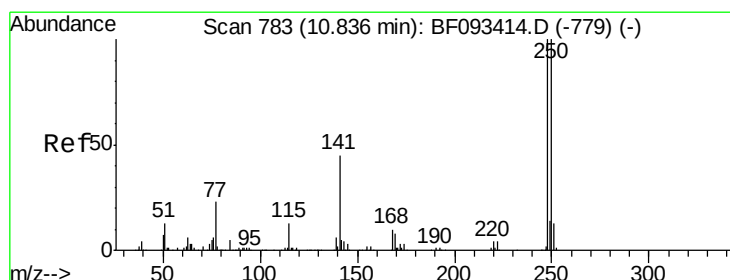
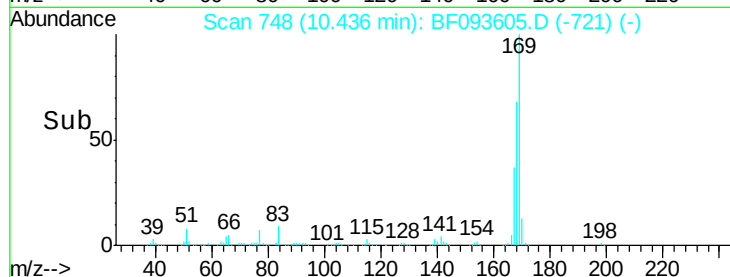
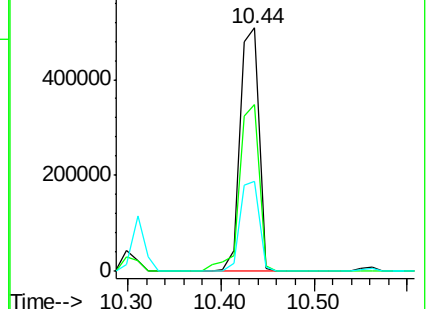
167 37.2 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.53 ng

RT: 10.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

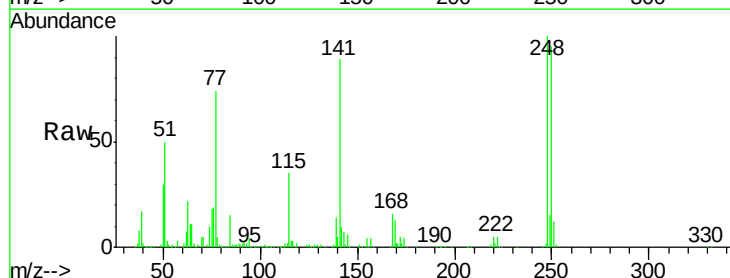
Tgt Ion:248 Resp: 244795

Ion Ratio Lower Upper

248 100

250 95.1 76.9 115.3

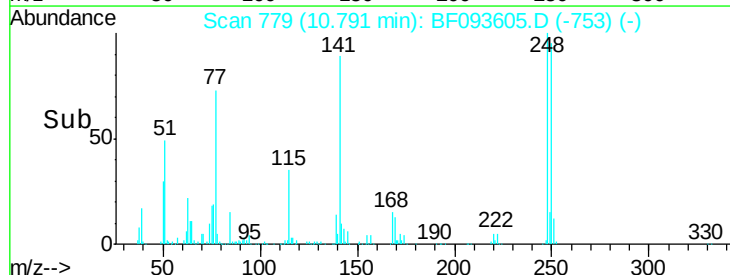
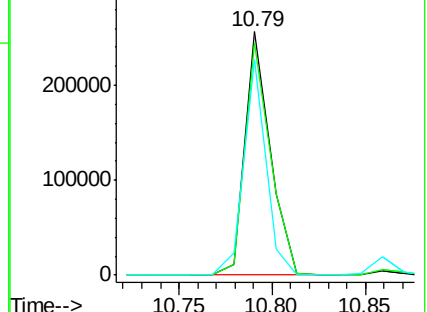
141 88.7 68.2 102.4

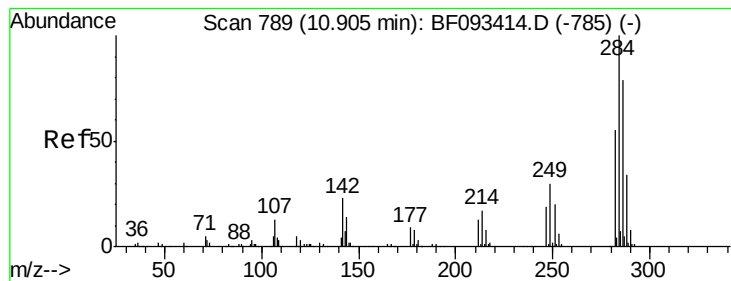


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.96 ng

RT: 10.86 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

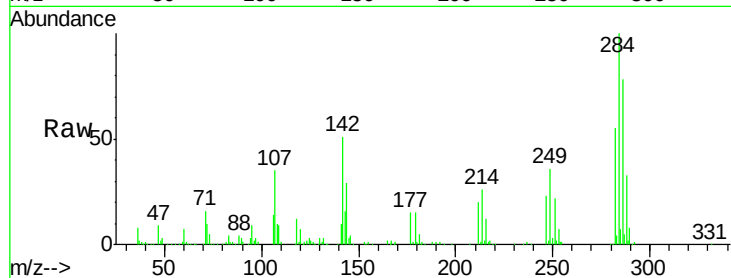
Tgt Ion:284 Resp: 235933

Ion Ratio Lower Upper

284 100

142 51.4 22.6 33.8#

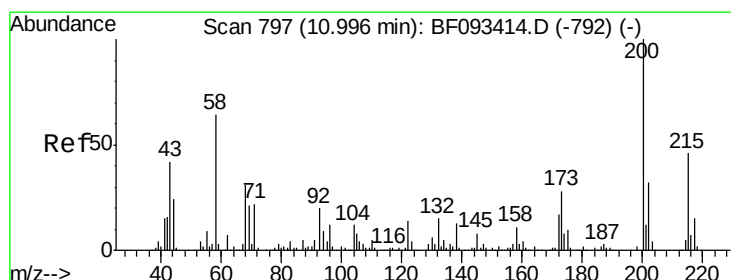
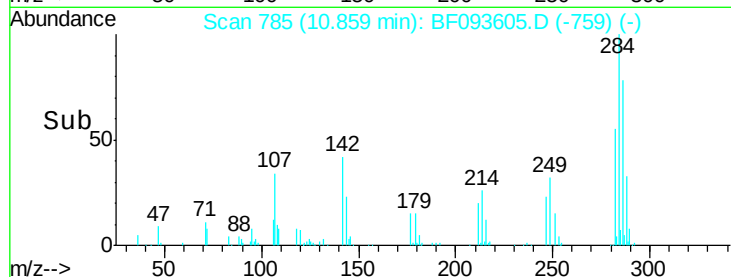
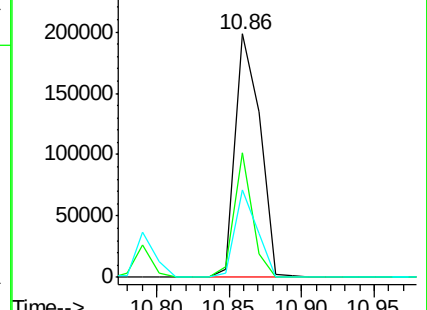
249 35.9 25.4 38.0



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



#68

Atrazine

Concen: 33.23 ng

RT: 10.96 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

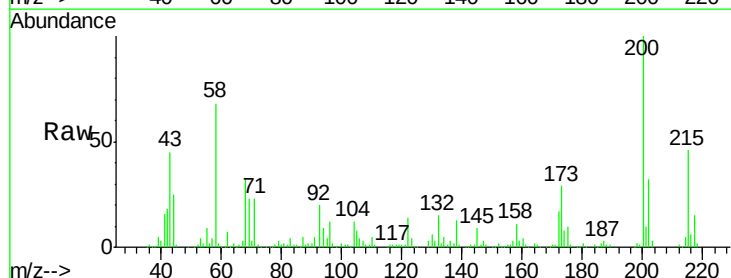
Tgt Ion:200 Resp: 161598

Ion Ratio Lower Upper

200 100

173 28.6 9.6 49.6

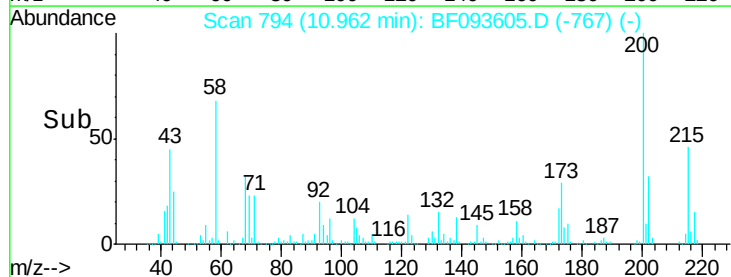
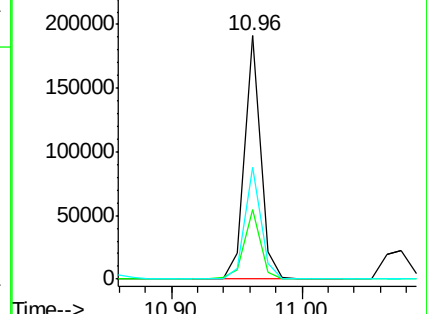
215 45.8 25.7 65.7

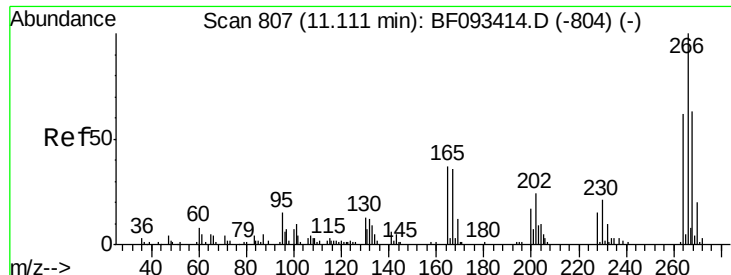


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

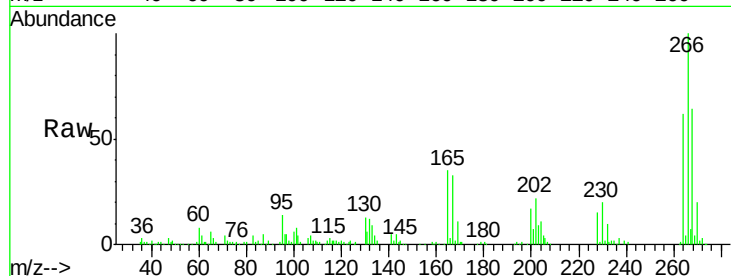




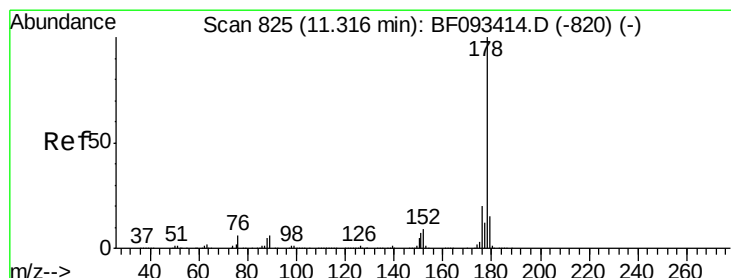
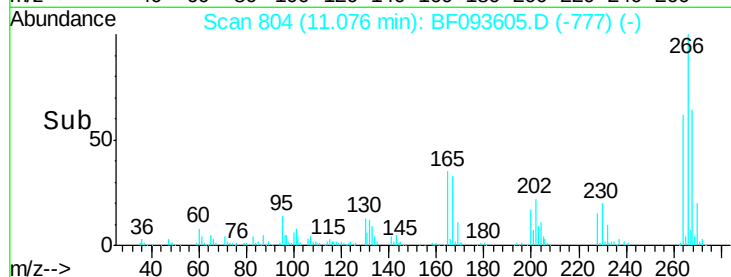
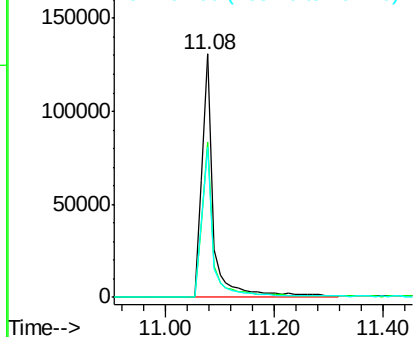
#69
 Pentachlorophenol
 Concen: 111.24 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

Tgt Ion:266 Resp: 192955
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.3 79.9
 264 61.9 50.3 75.5

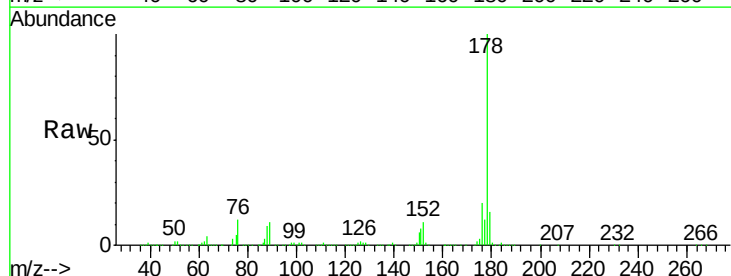


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

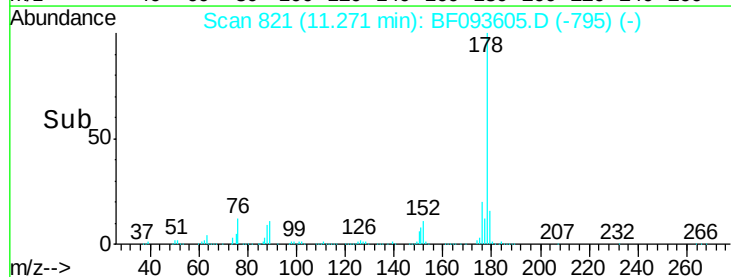
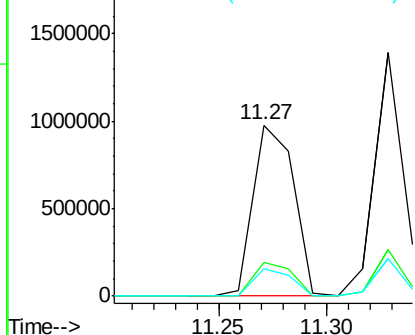


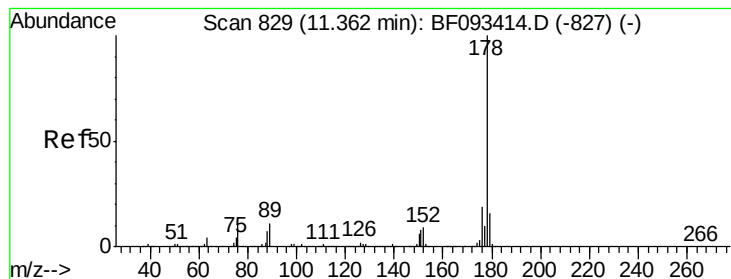
#70
 Phenanthrene
 Concen: 44.99 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion:178 Resp: 1277799
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 16.1 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: 45.00 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

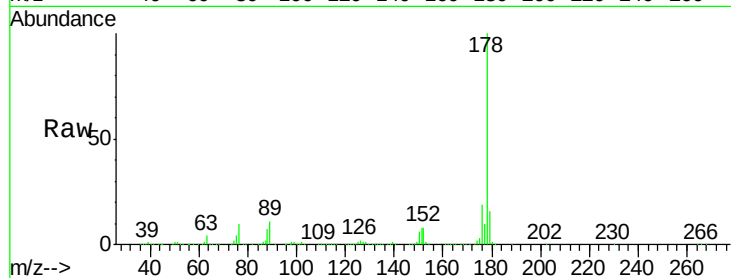
Tgt Ion:178 Resp: 1292767

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

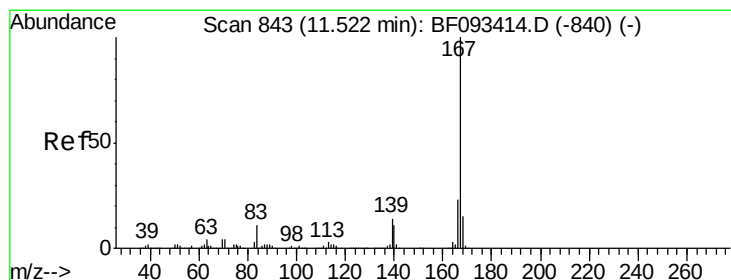
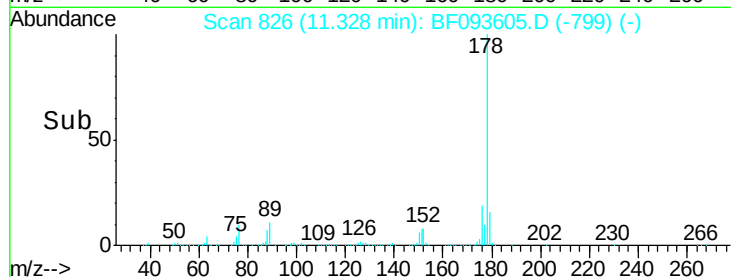
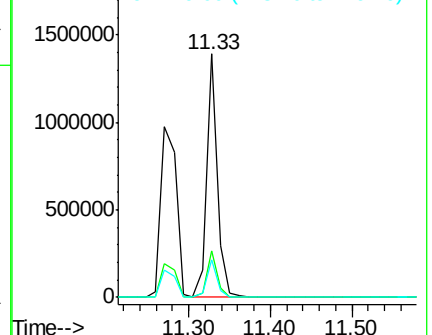
179 15.6 13.2 19.8



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: 37.34 ng

RT: 11.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

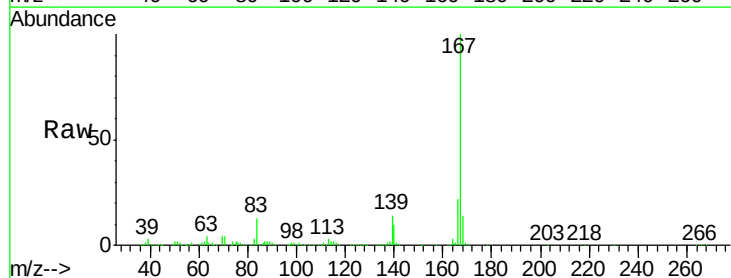
Tgt Ion:167 Resp: 1007580

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

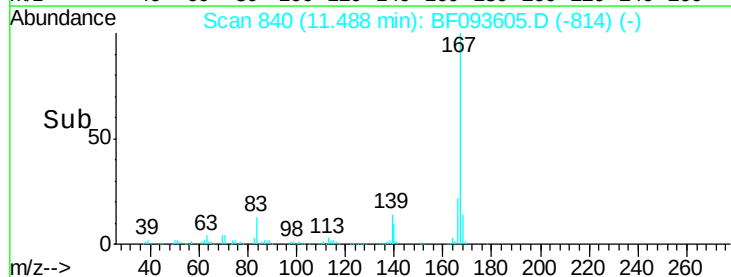
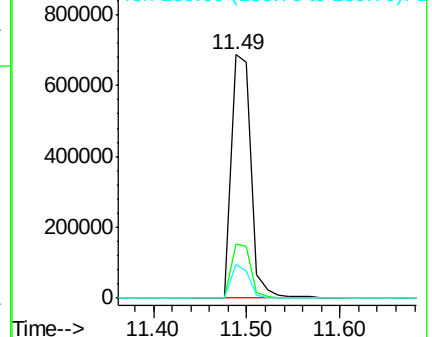
139 13.7 11.4 17.2

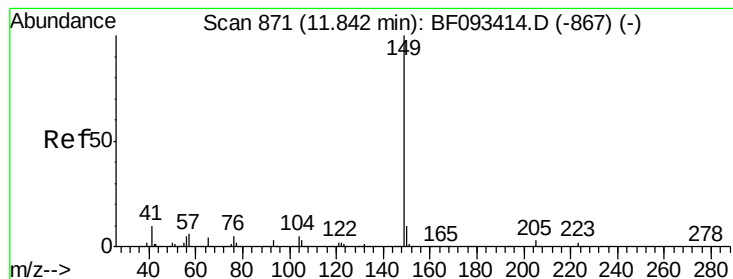


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.01 ng

RT: 11.82 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

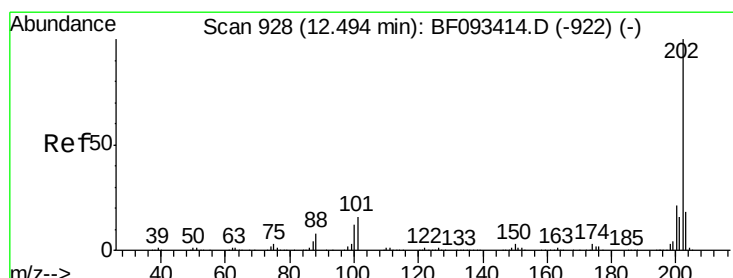
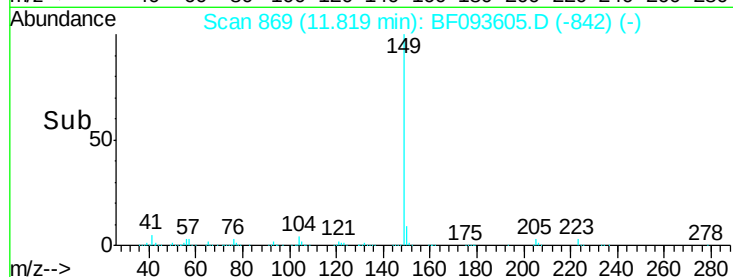
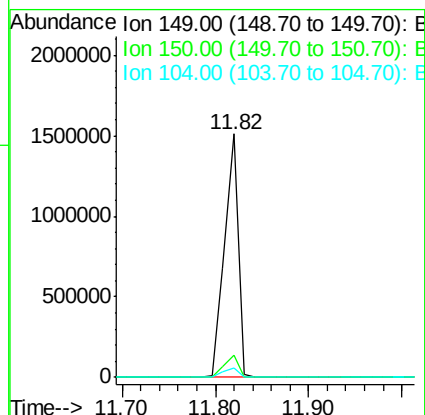
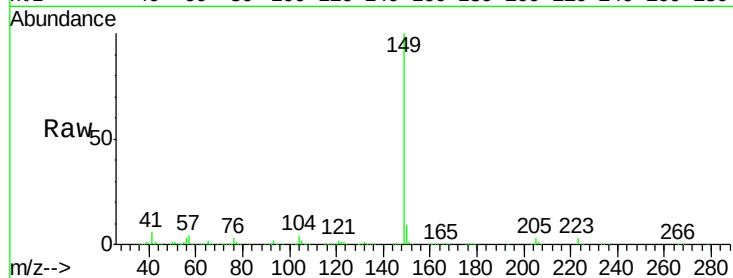
Tgt Ion:149 Resp: 1530339

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

104 3.8 4.6 7.0#



#74

Fluoranthene

Concen: 45.59 ng

RT: 12.47 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

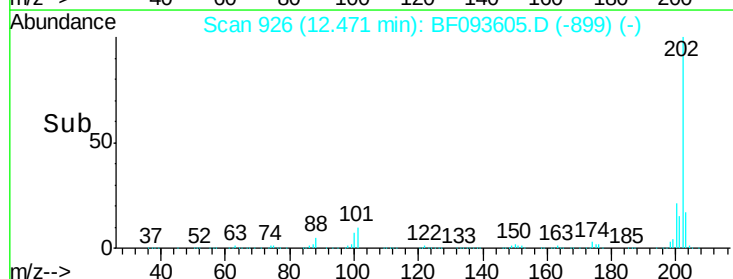
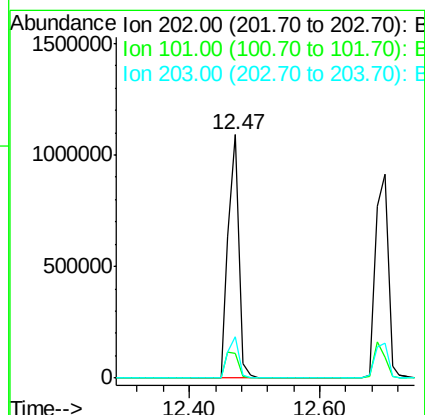
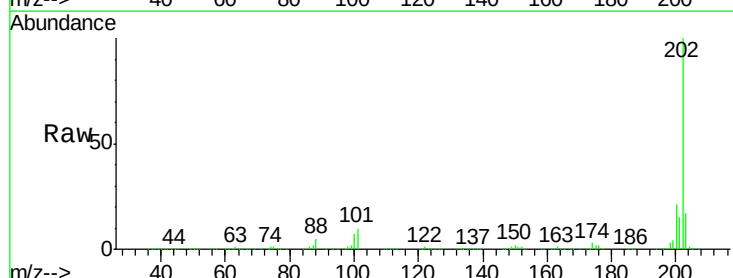
Tgt Ion:202 Resp: 1250600

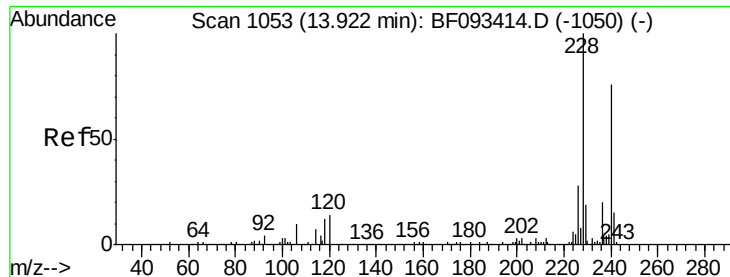
Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.6

203 17.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

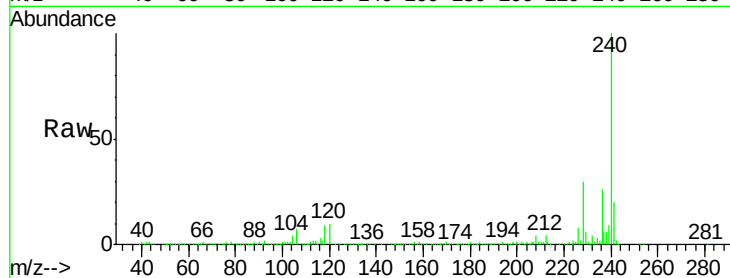
Tgt Ion:240 Resp: 328324

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

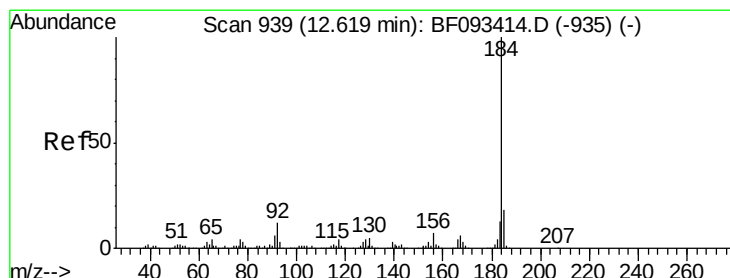
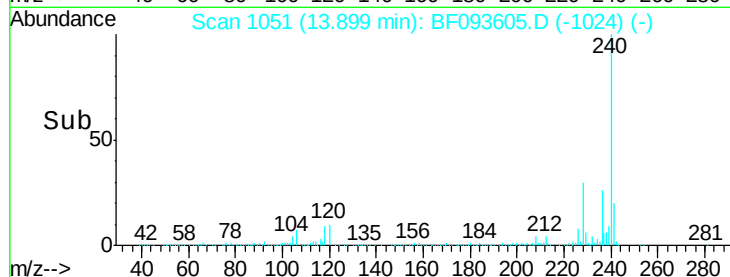
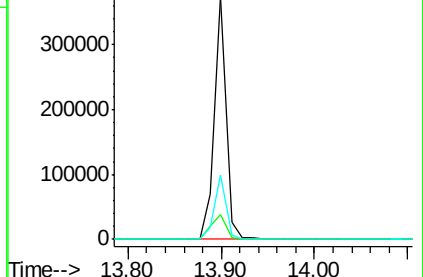
236 26.2 20.9 31.3



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: 2.12 ng

RT: 12.65 min Scan# 942

Delta R.T. 0.07 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

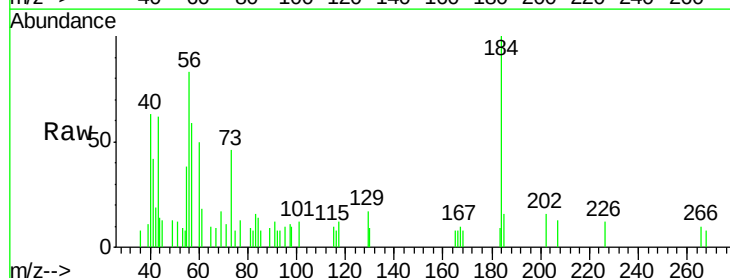
Tgt Ion:184 Resp: 22866

Ion Ratio Lower Upper

184 100

185 16.2 13.4 20.0

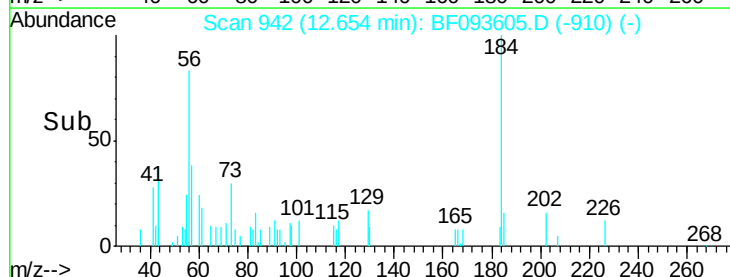
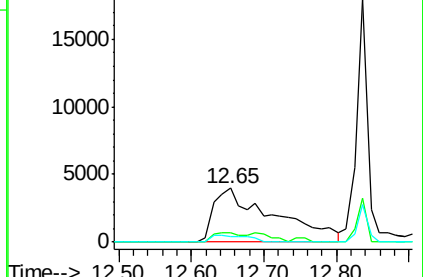
183 9.2 9.2 13.8

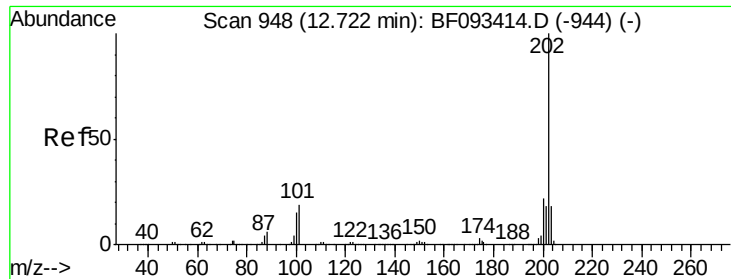


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.78 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.02 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

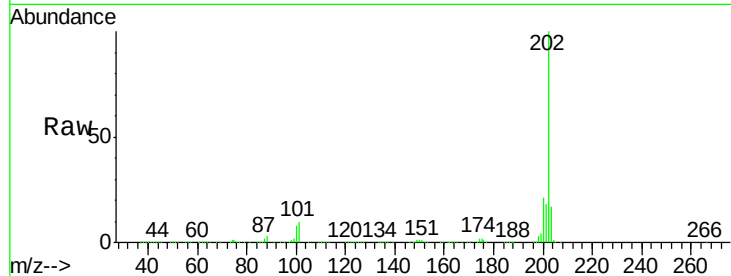
Tgt Ion:202 Resp: 1212501

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

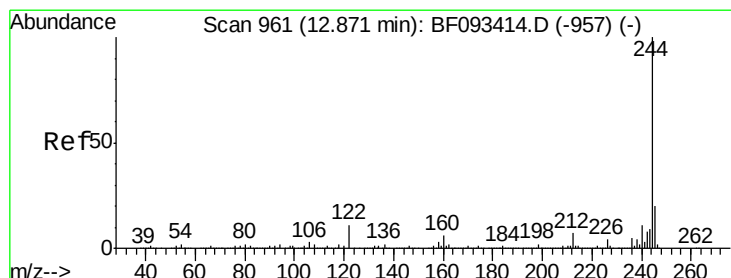
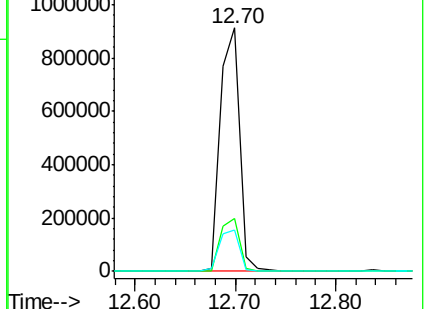
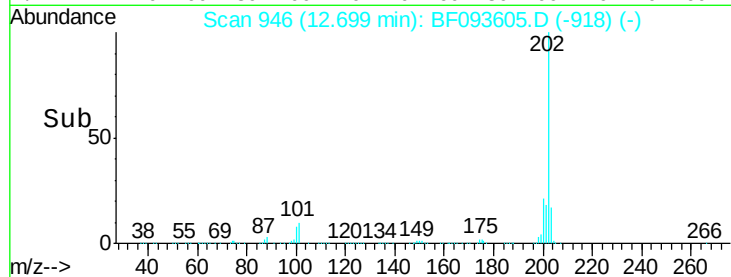
203 17.0 14.7 22.1



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: 98.38 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

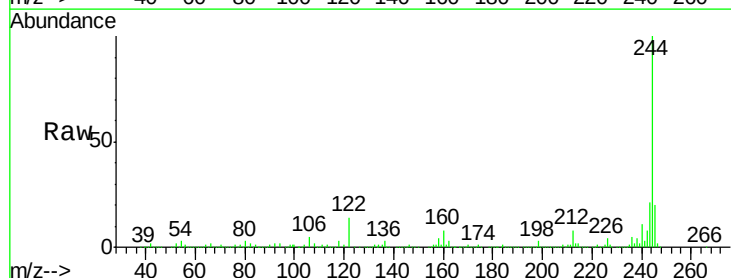
Tgt Ion:244 Resp: 1242310

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

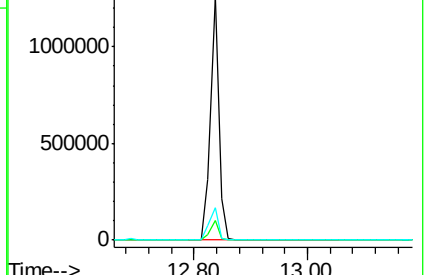
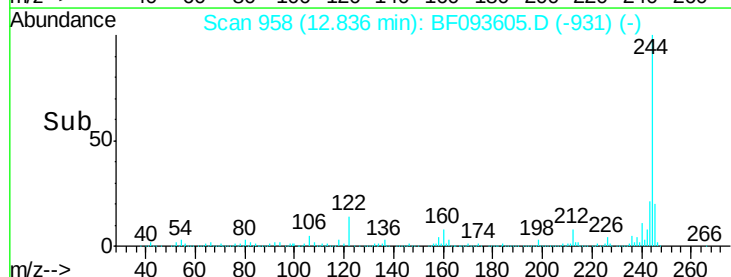
122 13.5 11.4 17.2

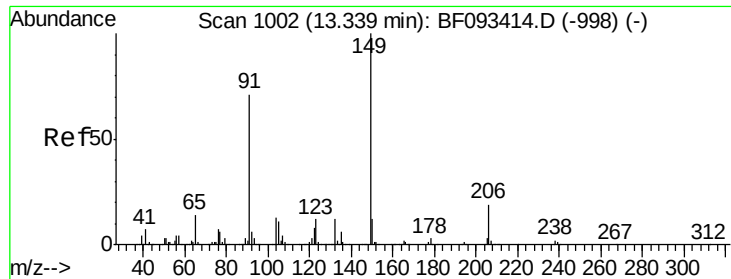


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

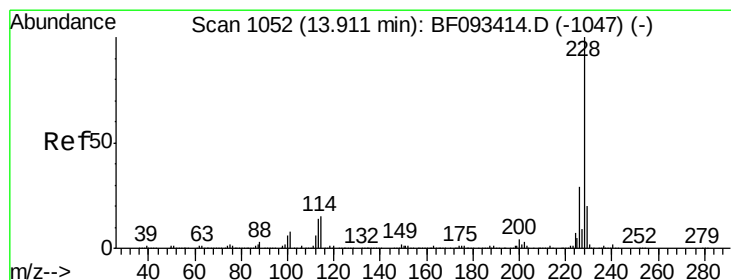
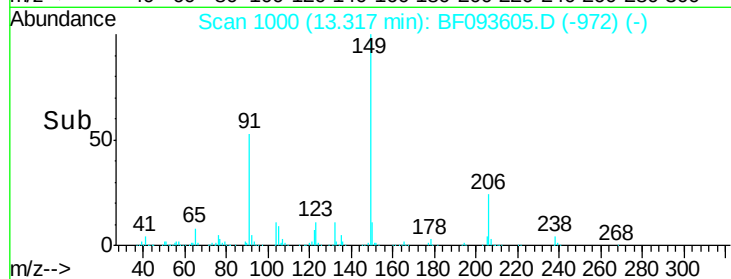
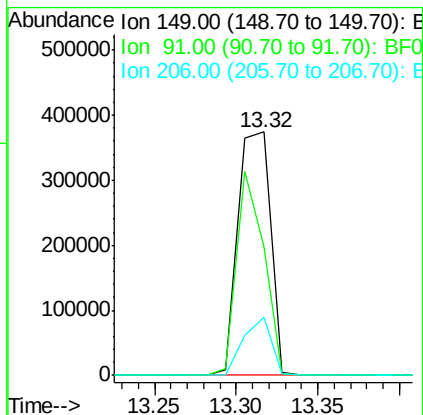
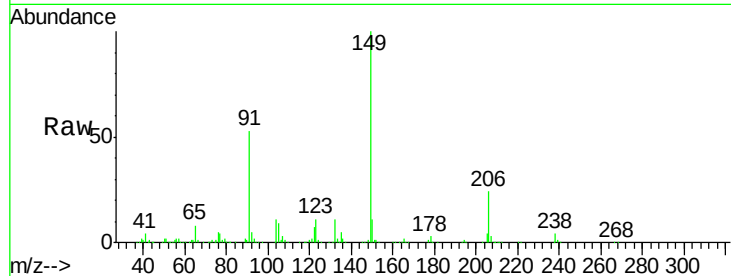




#79
Butylbenzylphthalate
Concen: 51.50 ng
RT: 13.32 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

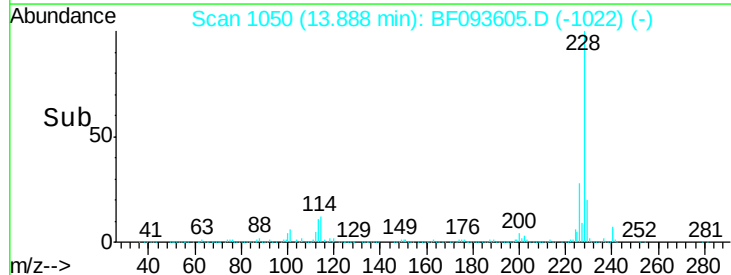
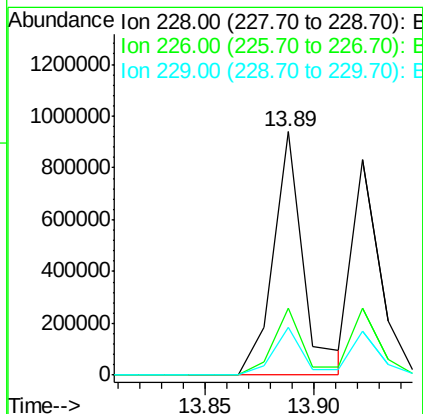
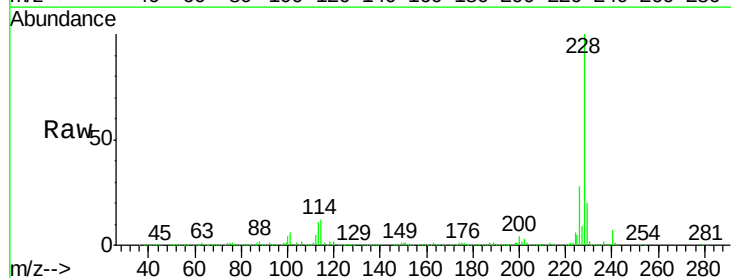
Instrument :
BNA_F
ClientSampleID :
D-64MS

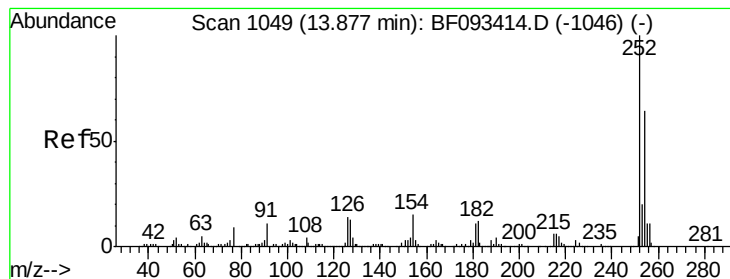
Tgt Ion:149 Resp: 517672
Ion Ratio Lower Upper
149 100
91 52.8 63.9 95.9#
206 24.1 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 47.11 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:228 Resp: 913490
Ion Ratio Lower Upper
228 100
226 27.5 22.4 33.6
229 19.6 16.2 24.4

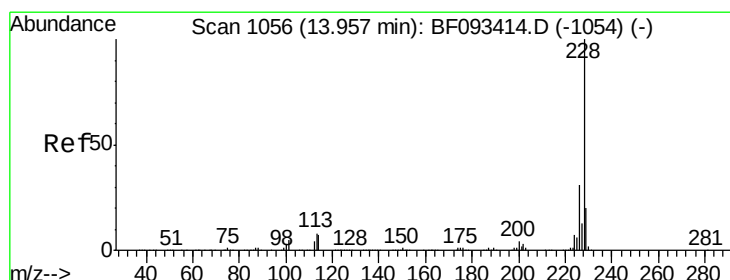
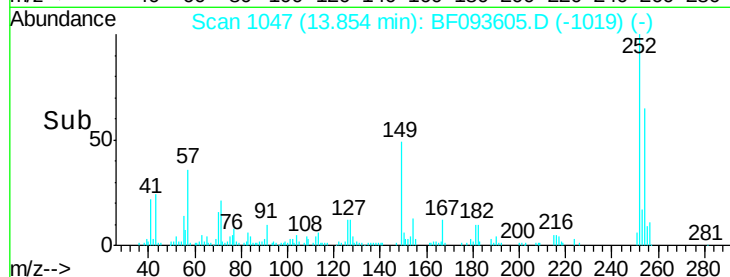
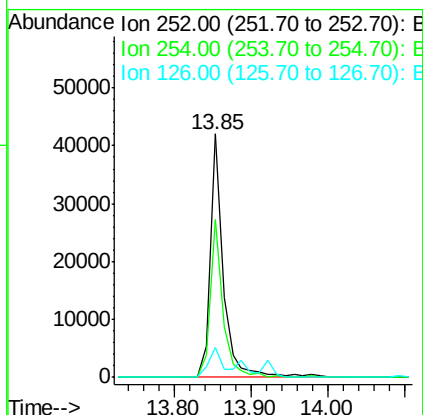
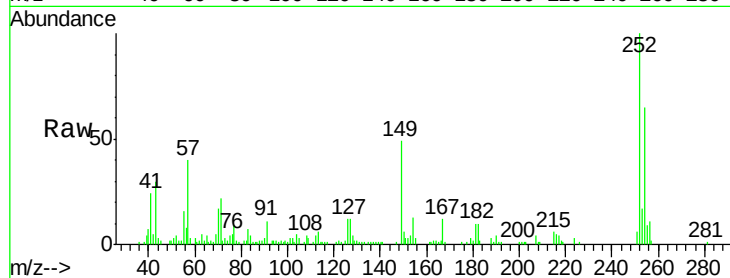




#81
 3,3'-Dichlorobenzidine
 Concen: 7.25 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

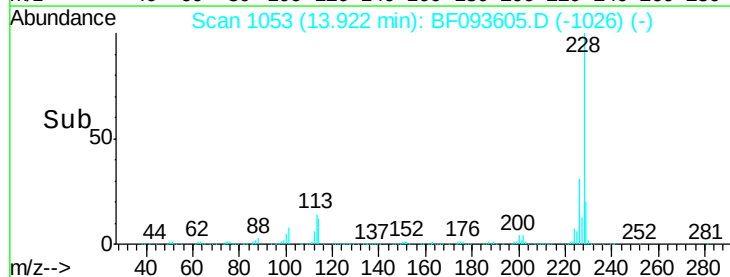
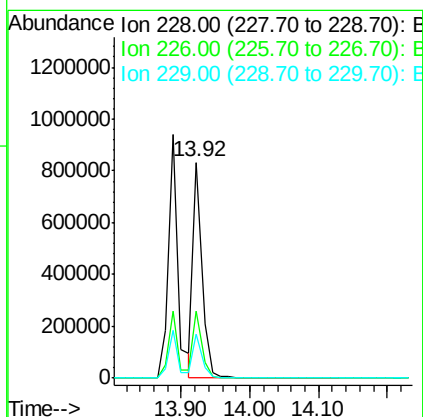
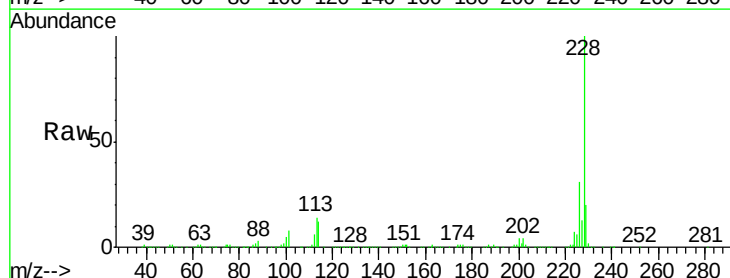
Instrument :
 BNA_F
 ClientSampleID :
 D-64MS

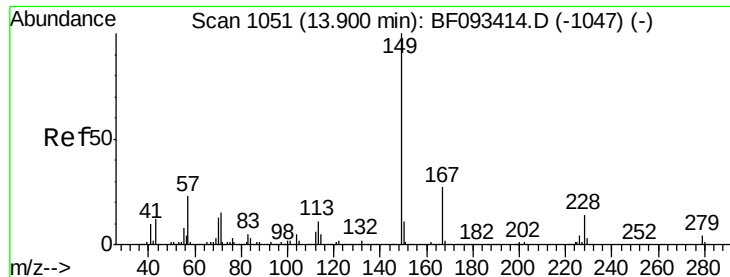
Tgt Ion: 252 Resp: 49205
 Ion Ratio Lower Upper
 252 100
 254 64.9 52.3 78.5
 126 12.5 13.6 20.4#



#82
 Chrysene
 Concen: 41.83 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion: 228 Resp: 750308
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.0
 229 20.1 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.32 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

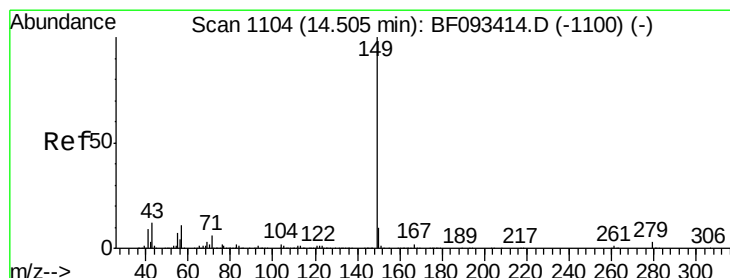
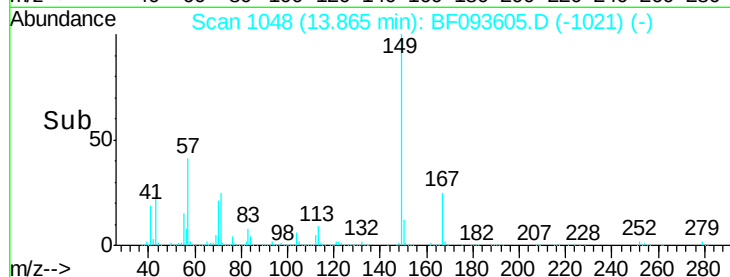
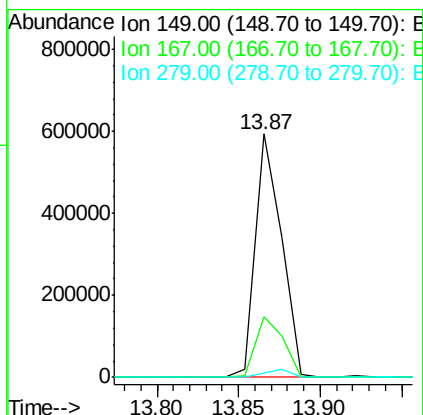
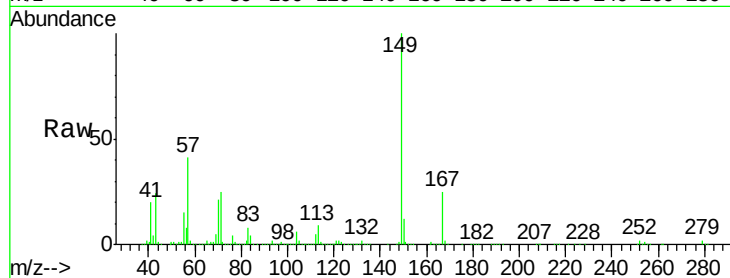
Instrument :

BNA_F

ClientSampleId :

D-64MS

Tgt Ion:	149	Resp:	662956
Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.2	30.4
279	1.8	1.8	2.8#



#84

Di-n-octyl phthalate

Concen: 49.60 ng

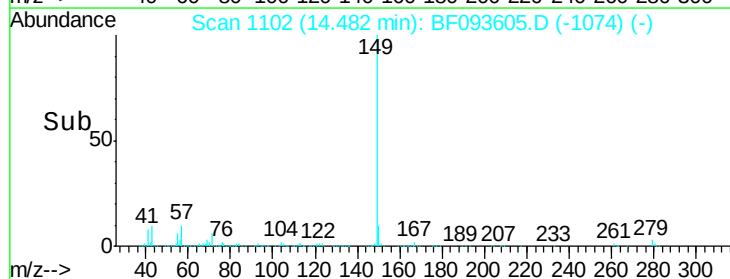
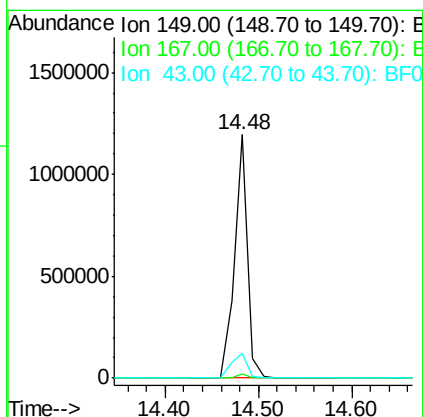
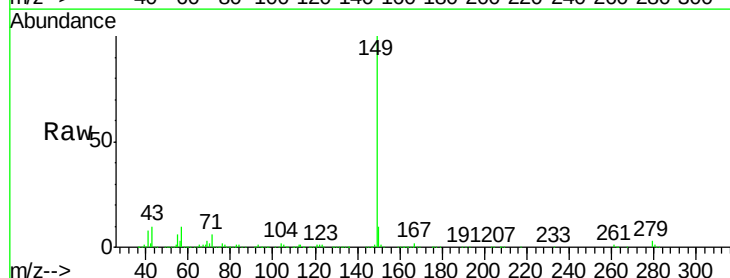
RT: 14.48 min Scan# 1102

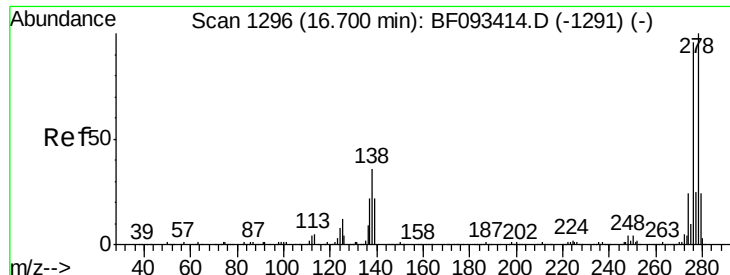
Delta R.T. 0.02 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Tgt Ion:	149	Resp:	1158189
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	8.9	13.3

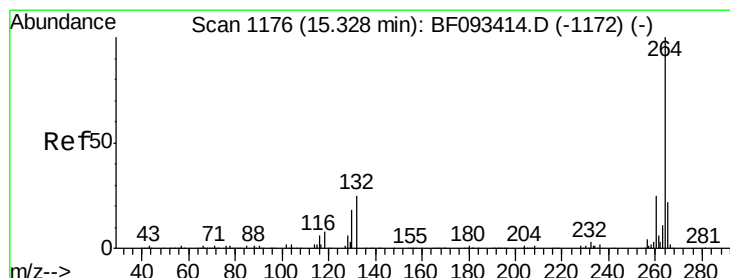
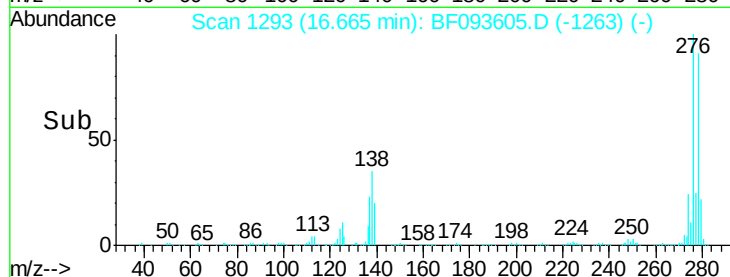
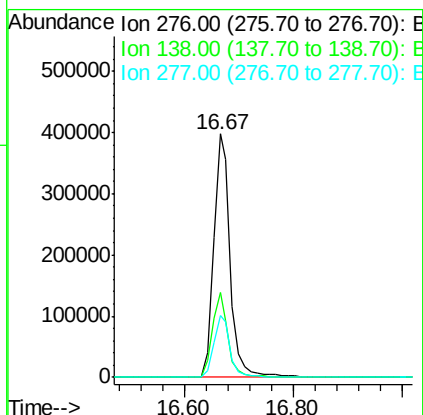
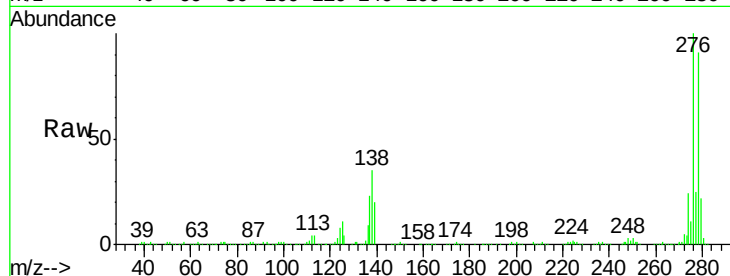




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.93 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

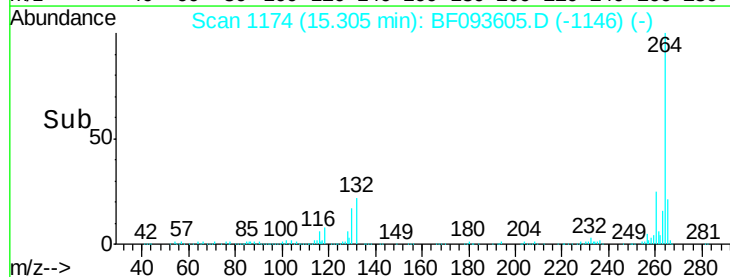
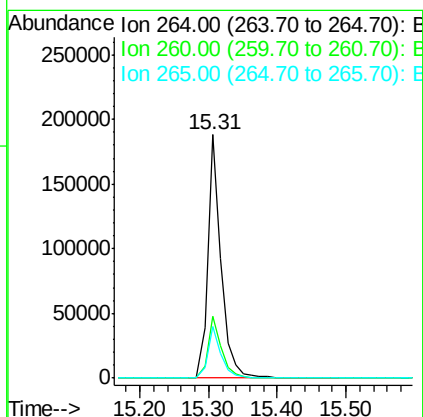
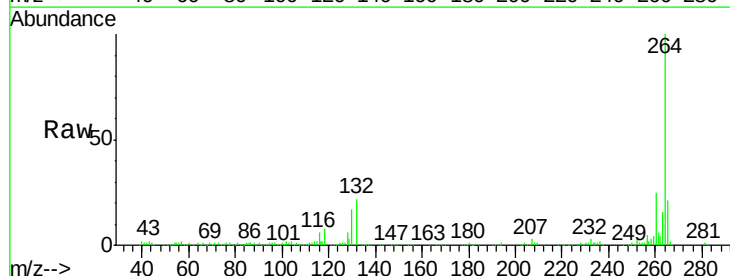
Instrument :
 BNA_F
 ClientSampleId :
 D-64MS

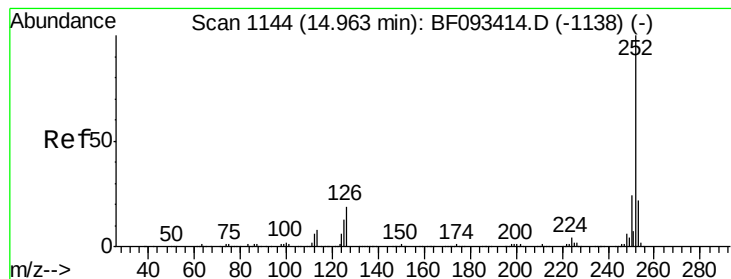
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6#
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093605.D
 Acq: 13 Mar 2017 14:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 98.59 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.05 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

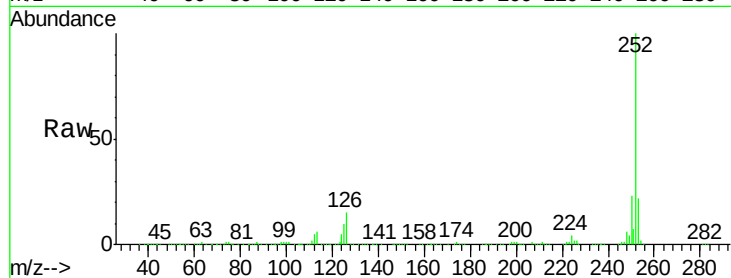
Tgt Ion:252 Resp: 1516524

Ion Ratio Lower Upper

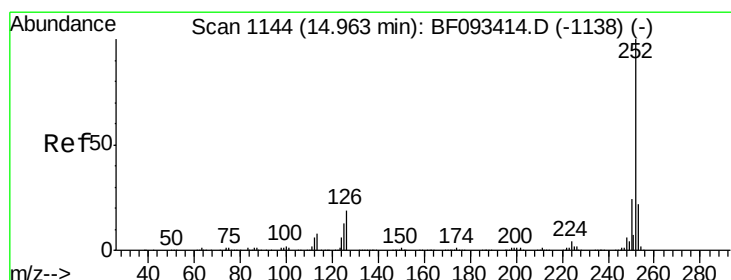
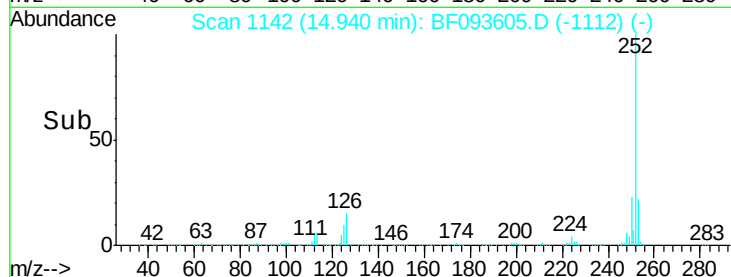
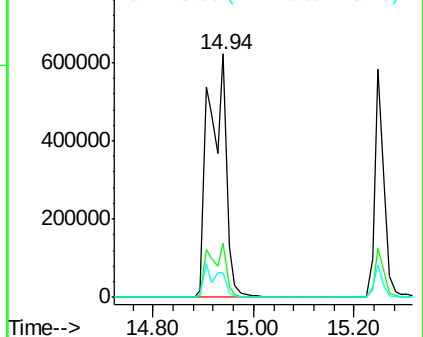
252 100

253 22.2 18.2 27.4

125 9.9 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: 102.23 ng

RT: 14.94 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

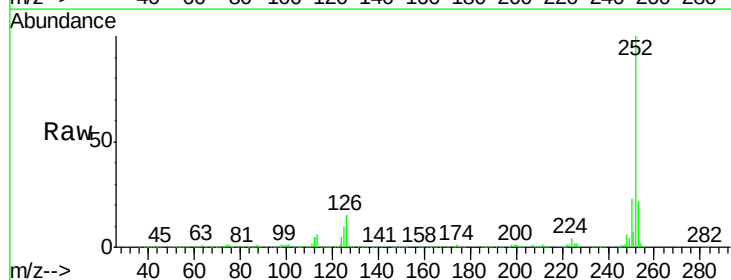
Tgt Ion:252 Resp: 1516524

Ion Ratio Lower Upper

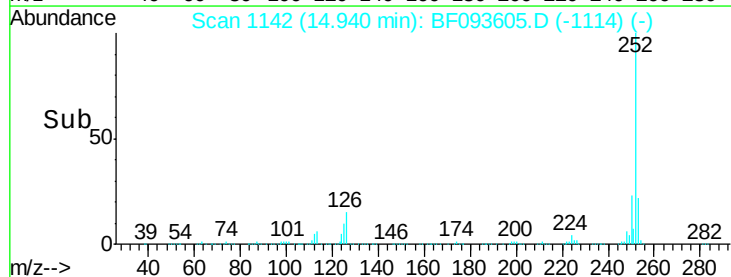
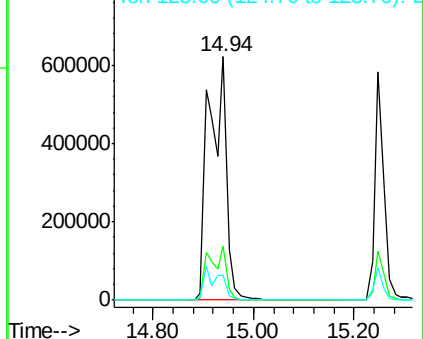
252 100

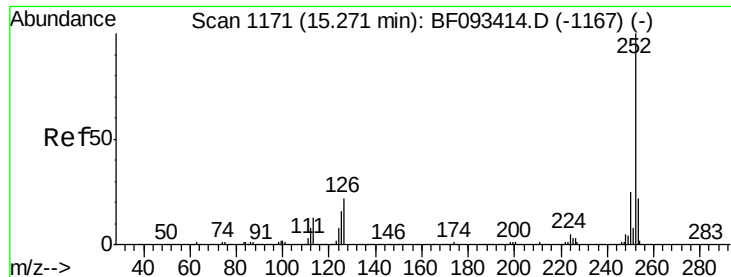
253 22.2 18.5 27.7

125 9.9 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

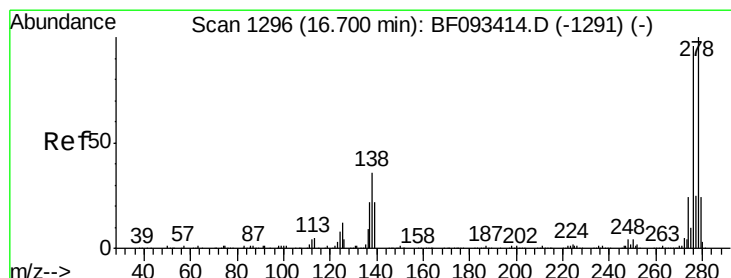
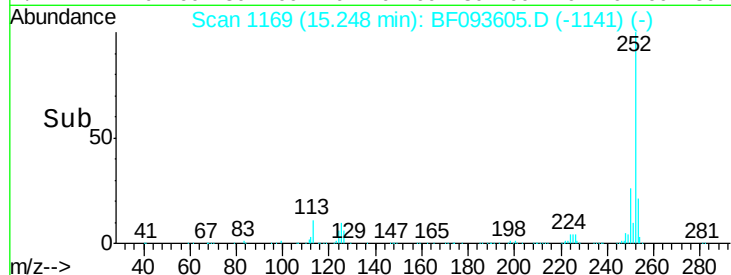
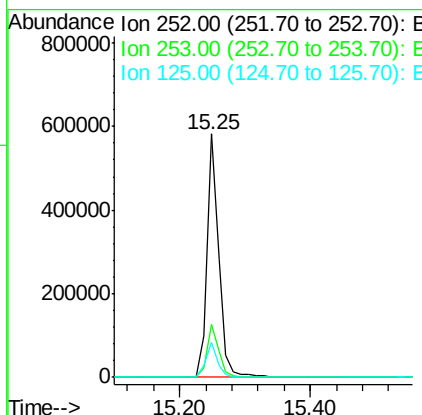
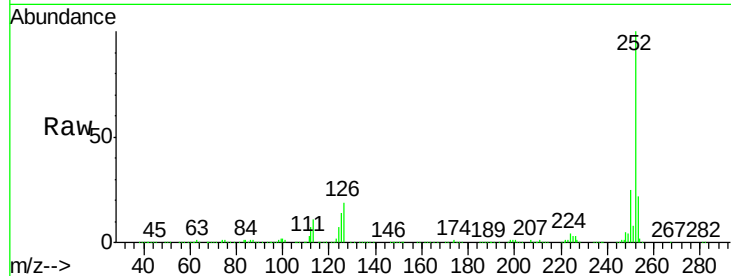




#89
Benzo(a)pyrene
Concen: 51.55 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

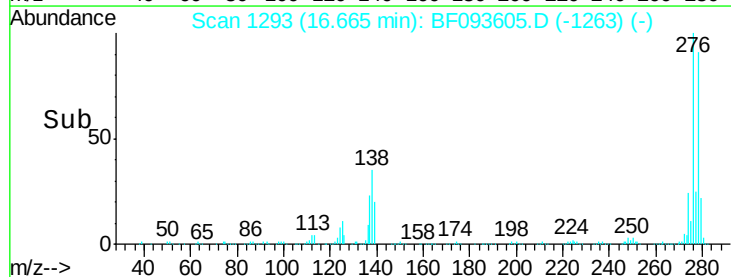
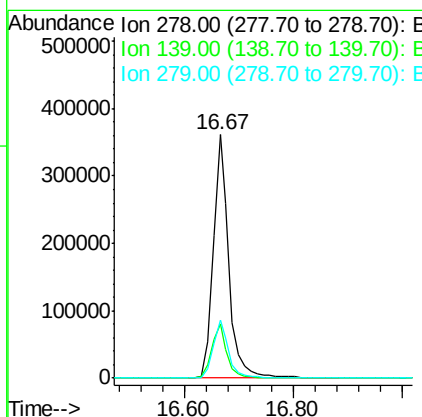
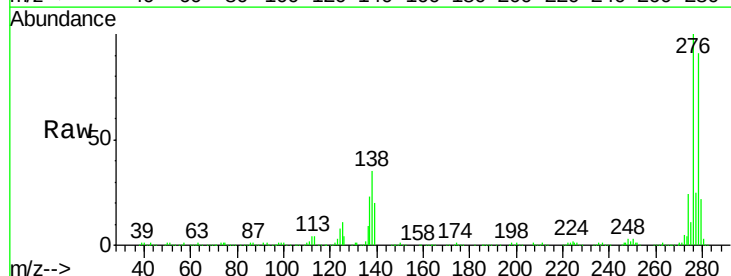
Instrument :
BNA_F
ClientSampleId :
D-64MS

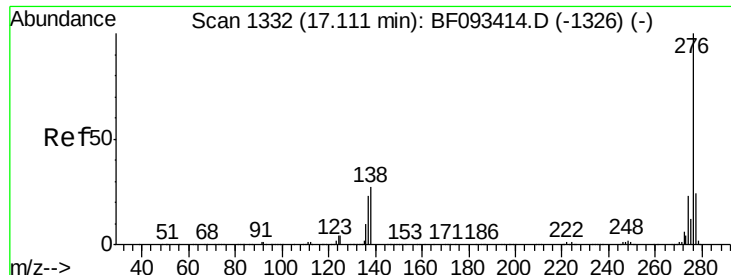
Tgt Ion:	252	Resp:	724686
Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	14.4	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 62.71 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093605.D
Acq: 13 Mar 2017 14:19

Tgt Ion:	278	Resp:	729350
Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.8	22.2
279	23.9	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 63.51 ng

RT: 17.08 min Scan# 1329

Delta R.T. 0.06 min

Lab File: BF093605.D

Acq: 13 Mar 2017 14:19

Instrument :

BNA_F

ClientSampleId :

D-64MS

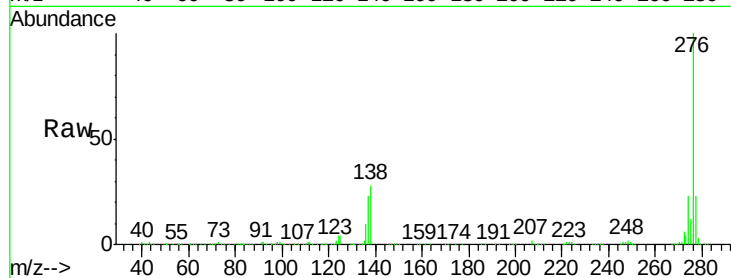
Tgt Ion: 276 Resp: 758149

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 27.7 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

