

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092586.D
 Acq On : 27 Jan 2017 20:04
 Operator : SJ/MA
 Sample : PB96416BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Quant Time: Jan 27 22:14:30 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	156053	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	676295	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	381048	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	626526	20.00	ng	0.00
75) Chrysene-d12	14.18	240	503504	20.00	ng	0.01
86) Perylene-d12	15.67	264	424094	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1271428	126.76	ng	0.06
7) Phenol-d6	6.62	99	1512540	118.39	ng	0.03
23) Nitrobenzene-d5	7.54	82	1024513	82.75	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	376620	145.04	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1882614	91.36	ng	0.00
78) Terphenyl-d14	13.12	244	1514206	80.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	185029	34.69	ng	# 82
3) Pyridine	3.47	79	527220	34.72	ng	# 82
4) n-Nitrosodimethylamine	3.44	42	268969	36.10	ng	85
6) Aniline	6.64	93	236576	12.41	ng	# 45
8) 2-Chlorophenol	6.76	128	446277	42.36	ng	89
9) Benzaldehyde	6.52	77	202298	22.31	ng	95
10) Phenol	6.64	94	494032	32.04	ng	94
11) bis(2-Chloroethyl)ether	6.70	93	458246	39.72	ng	89
12) 1,3-Dichlorobenzene	7.15	146	474509	38.08	ng	98
13) 1,4-Dichlorobenzene	6.99	146	509411	40.62	ng	98
14) 1,2-Dichlorobenzene	7.15	146	475140	39.94	ng	94
15) Benzyl Alcohol	7.13	79	405444	42.11	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	757460	33.19	ng	82
17) 2-Methylphenol	7.24	107	392240	43.57	ng	95
18) Hexachloroethane	7.49	117	175721	40.68	ng	# 89
19) n-Nitroso-di-n-propylamine	7.39	70	328245	37.73	ng	94
20) 3+4-Methylphenols	7.40	107	526294	48.19	ng	# 73
22) Acetophenone	7.39	105	668855	41.52	ng	# 96
24) Nitrobenzene	7.56	77	503743	38.84	ng	98
25) Isophorone	7.80	82	949425	38.92	ng	96
26) 2-Nitrophenol	7.88	139	266848	49.10	ng	96
27) 2,4-Dimethylphenol	7.93	122	460497	40.74	ng	98
28) bis(2-Chloroethoxy)methane	8.02	93	616526	38.50	ng	99
29) 2,4-Dichlorophenol	8.13	162	437577	44.65	ng	94
30) 1,2,4-Trichlorobenzene	8.21	180	429370	40.54	ng	98
31) Naphthalene	8.29	128	1382418	39.94	ng	99
32) Benzoic acid	8.05	122	289358	35.59	ng	98
33) 4-Chloroaniline	8.34	127	94563	6.46	ng	97
34) Hexachlorobutadiene	8.41	225	233502	40.30	ng	99
35) Caprolactam	8.73	113	116921	35.73	ng	# 52
36) 4-Chloro-3-methylphenol	8.84	107	437759	41.42	ng	99
37) 2-Methylnaphthalene	8.99	142	969453	44.24	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	399935	41.61	ng	99
40) Hexachlorocyclopentadiene	9.14	237	363270	75.47	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

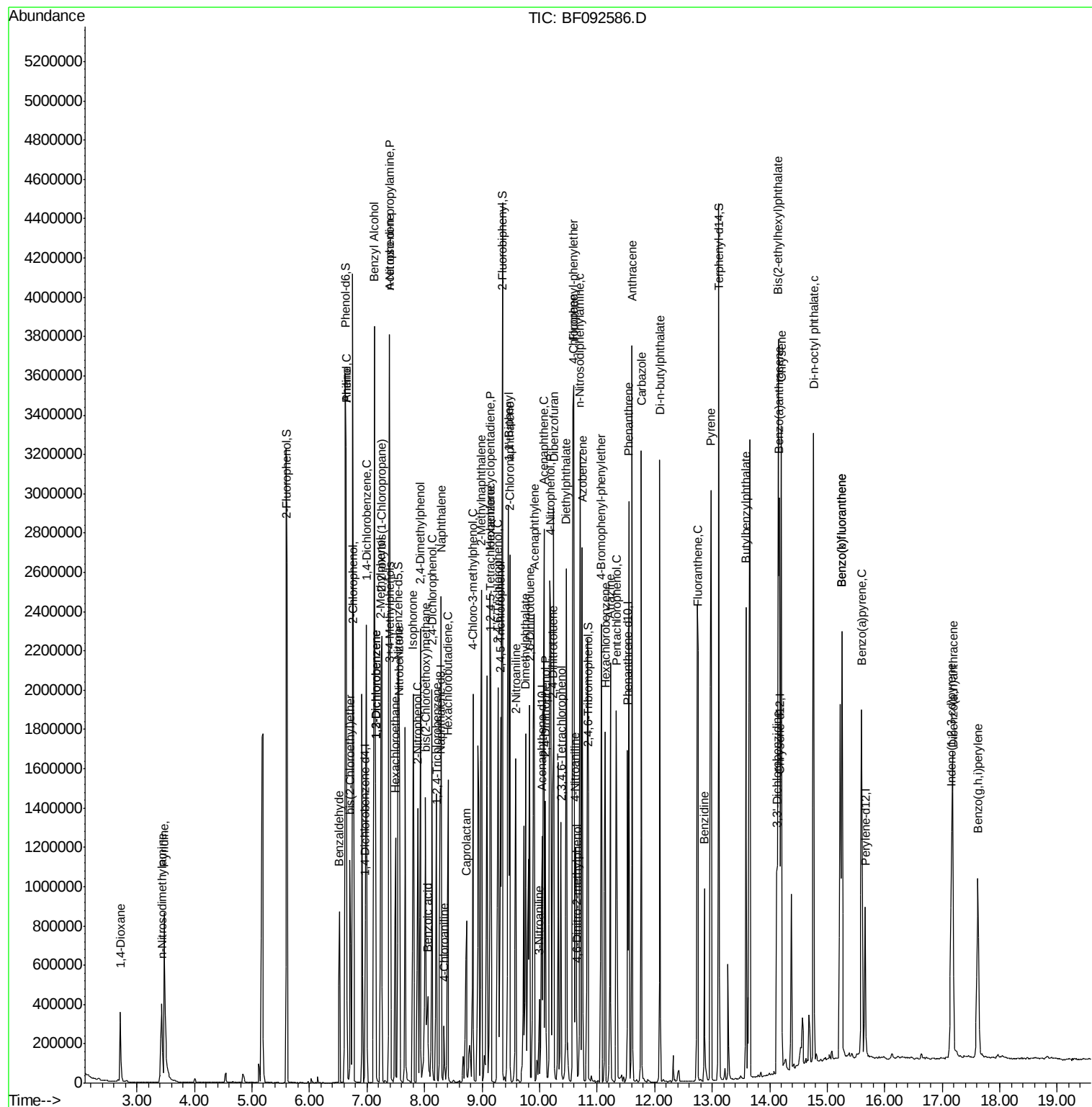
42) 2,4,6-Trichlorophenol	9.28	196	339173	46.06	ng	92
43) 2,4,5-Trichlorophenol	9.32	196	316320	46.94	ng	# 85
45) 1,1'-Biphenyl	9.46	154	1227304	44.56	ng	99
46) 2-Chloronaphthalene	9.48	162	898012	39.92	ng	98
47) 2-Nitroaniline	9.58	65	324725	42.86	ng	90
48) Acenaphthylene	9.90	152	1487384	45.08	ng	98
49) Dimethylphthalate	9.76	163	1055158	43.55	ng	99
50) 2,6-Dinitrotoluene	9.82	165	254142	51.31	ng	# 93
51) Acenaphthene	10.08	154	968092	47.21	ng	97
52) 3-Nitroaniline	10.00	138	77932	12.56	ng	85
53) 2,4-Dinitrophenol	10.10	184	186938	64.72	ng	# 61
54) Dibenzofuran	10.25	168	1294803	46.51	ng	94
55) 4-Nitrophenol	10.18	139	335949	68.20	ng	94
56) 2,4-Dinitrotoluene	10.24	165	327347	49.79	ng	# 69
57) Fluorene	10.59	166	955438	46.28	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	247949	49.11	ng	96
59) Diethylphthalate	10.46	149	1062569	45.73	ng	98
60) 4-Chlorophenyl-phenylether	10.58	204	437664	43.71	ng	90
61) 4-Nitroaniline	10.62	138	286239	46.14	ng	87
62) Azobenzene	10.74	77	1124205	42.52	ng	96
64) 4,6-Dinitro-2-methylphenol	10.65	198	144188	43.25	ng	78
65) n-Nitrosodiphenylamine	10.70	169	880542	45.00	ng	100
66) 4-Bromophenyl-phenylether	11.07	248	263182	41.60	ng	97
67) Hexachlorobenzene	11.14	284	285255	44.61	ng	99
68) Atrazine	11.23	200	248759	37.14	ng	99
69) Pentachlorophenol	11.33	266	262760	64.27	ng	97
70) Phenanthrene	11.55	178	1382668	40.07	ng	99
71) Anthracene	11.61	178	1475802	43.77	ng	99
72) Carbazole	11.77	167	1388604	43.13	ng	99
73) Di-n-butylphthalate	12.09	149	1558045	42.32	ng	# 98
74) Fluoranthene	12.75	202	1486469	44.05	ng	90
76) Benzidine	12.87	184	380601	20.36	ng	97
77) Pyrene	12.98	202	1577979	43.25	ng	99
79) Butylbenzylphthalate	13.59	149	680379	46.03	ng	98
80) Benzo(a)anthracene	14.17	228	1258919	46.52	ng	100
81) 3,3'-Dichlorobenzidine	14.12	252	240507	23.41	ng	99
82) Chrysene	14.20	228	1155801	39.99	ng	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	908963	48.83	ng	98
84) Di-n-octyl phthalate	14.76	149	1640614	48.55	ng	98
85) Indeno(1,2,3-cd)pyrene	17.16	276	981772	45.92	ng	95
87) Benzo(b)fluoranthene	15.25	252	2157096	79.23	ng	98
88) Benzo(k)fluoranthene	15.25	252	2157096	95.28	ng	97
89) Benzo(a)pyrene	15.60	252	1012460	43.96	ng	98
90) Dibenzo(a,h)anthracene	17.19	278	816757	43.85	ng	98
91) Benzo(g,h,i)perylene	17.62	276	824242	43.76	ng	# 92

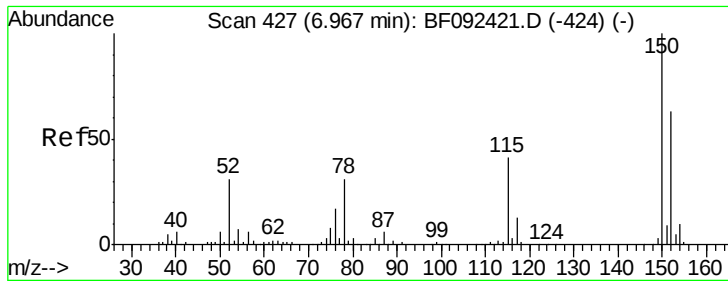
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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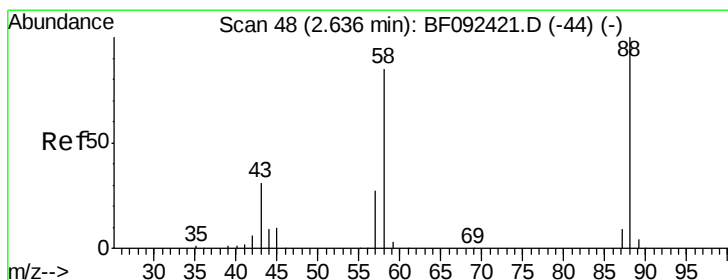
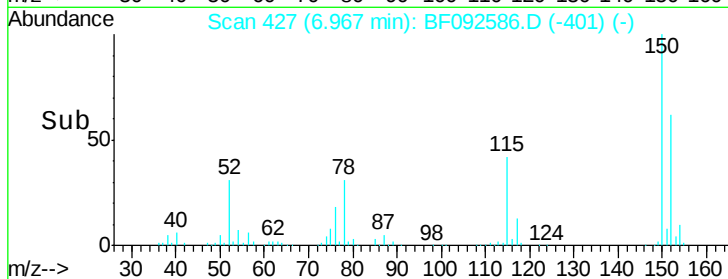
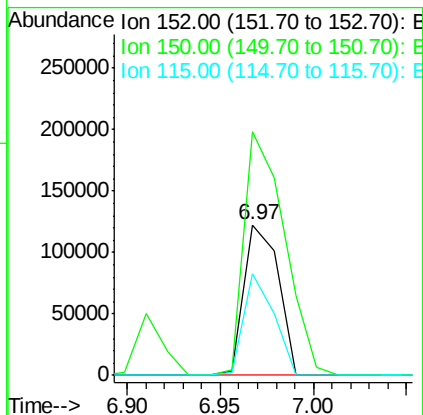
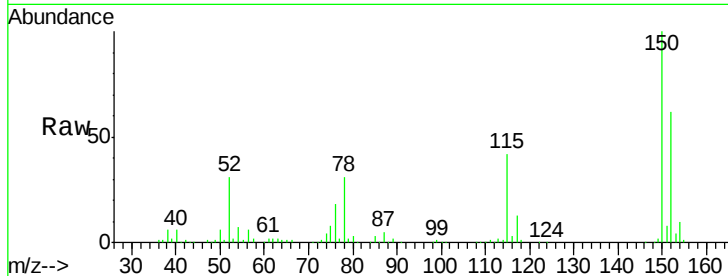




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

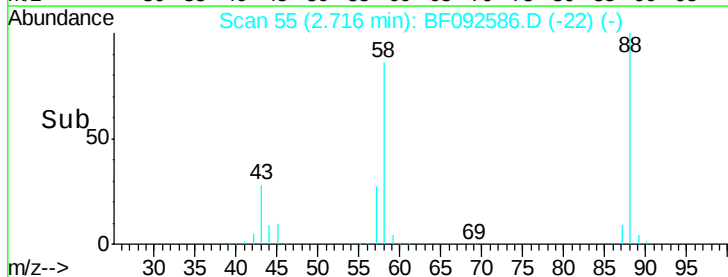
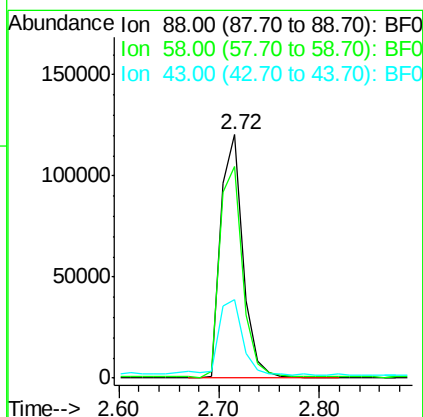
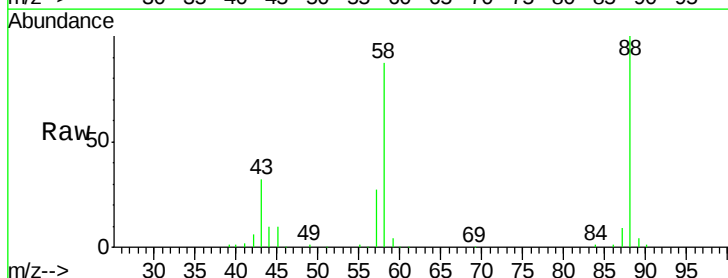
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

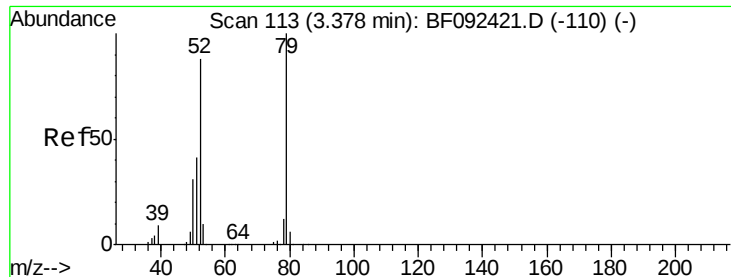
Tgt Ion:152 Resp: 156053
 Ion Ratio Lower Upper
 152 100
 150 161.7 124.9 187.3
 115 67.7 46.0 69.0



#2
 1,4-Dioxane
 Concen: 34.69 ng
 RT: 2.72 min Scan# 55
 Delta R.T. 0.08 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion: 88 Resp: 185029
 Ion Ratio Lower Upper
 88 100
 58 89.3 57.8 86.8#
 43 33.6 22.3 33.5#





#3

Pyridine

Concen: 34.72 ng

RT: 3.47 min Scan# 121

Delta R.T. 0.09 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

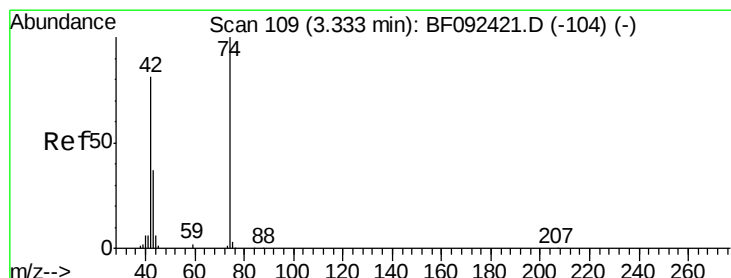
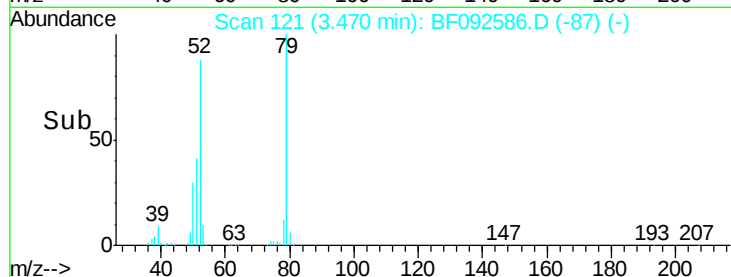
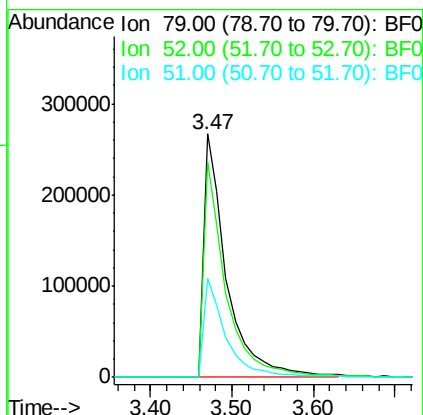
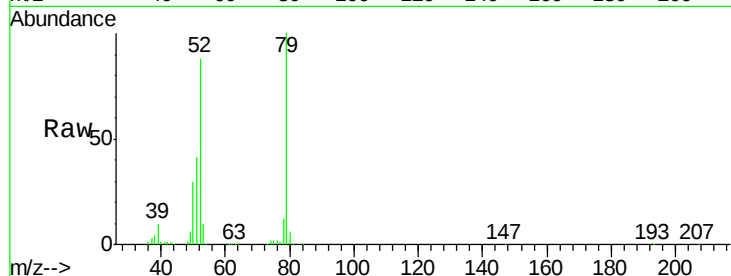
Tgt Ion: 79 Resp: 527220

Ion Ratio Lower Upper

79 100

52 88.5 57.1 85.7#

51 40.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 36.10 ng

RT: 3.44 min Scan# 118

Delta R.T. 0.10 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

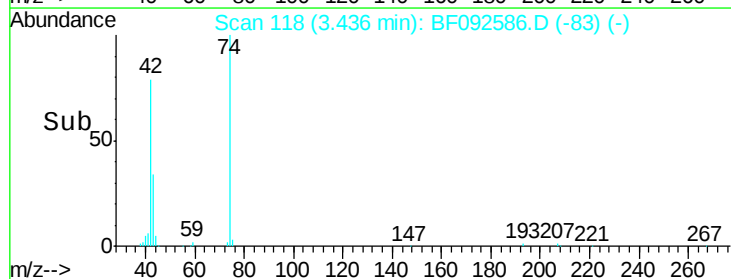
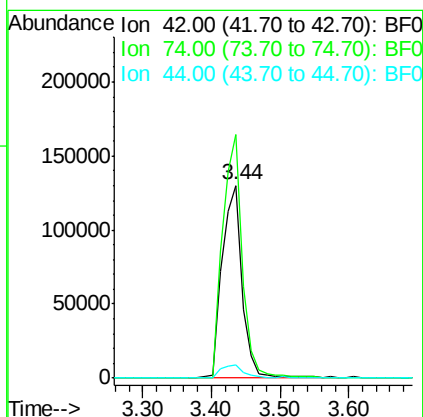
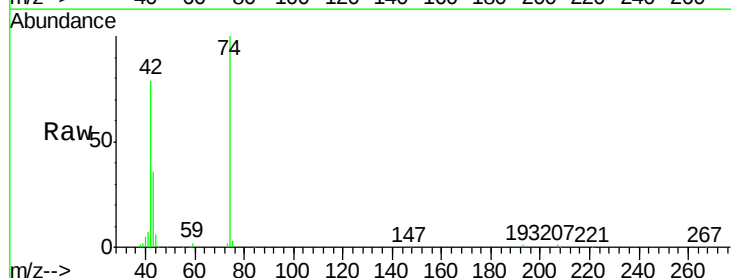
Tgt Ion: 42 Resp: 268969

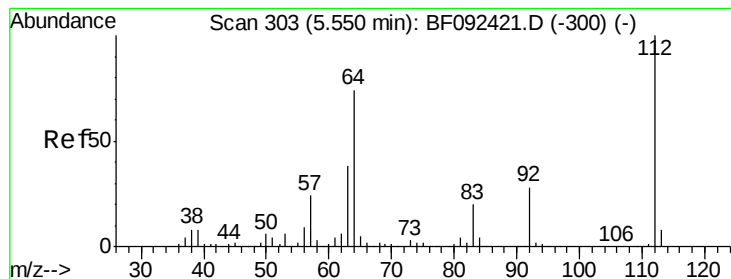
Ion Ratio Lower Upper

42 100

74 126.3 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 126.76 ng

RT: 5.61 min Scan# 308

Delta R.T. 0.06 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

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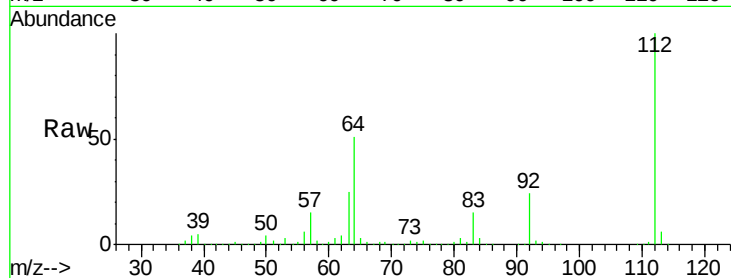
Tgt Ion: 112 Resp: 1271428

Ion Ratio Lower Upper

112 100

64 50.7 46.1 69.1

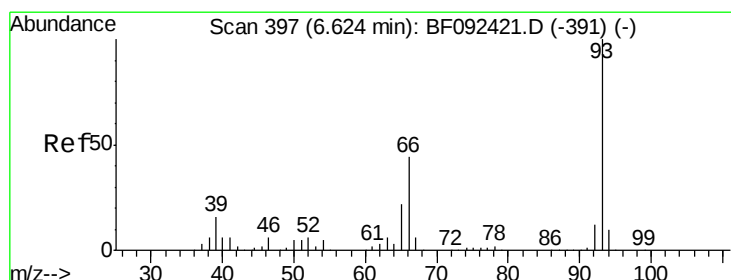
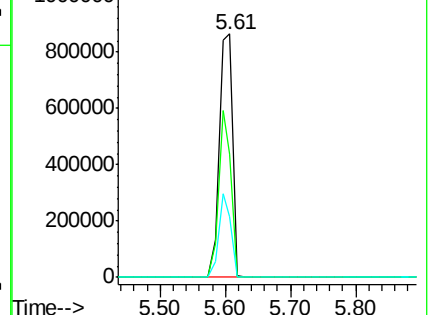
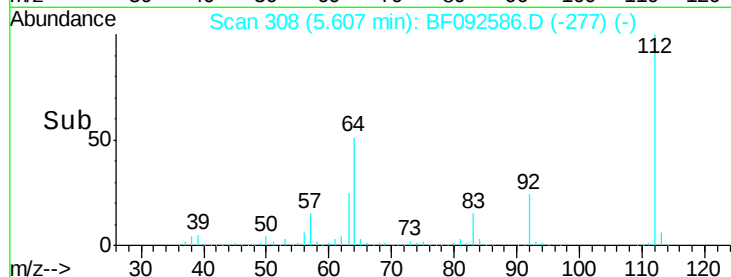
63 24.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.41 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

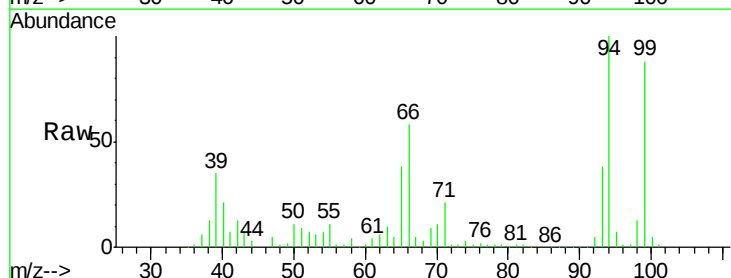
Tgt Ion: 93 Resp: 236576

Ion Ratio Lower Upper

93 100

66 151.8 76.2 114.2#

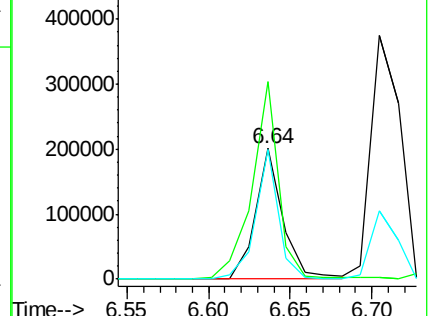
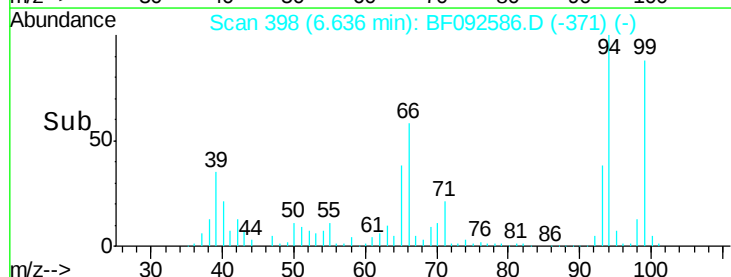
65 99.7 49.3 73.9#

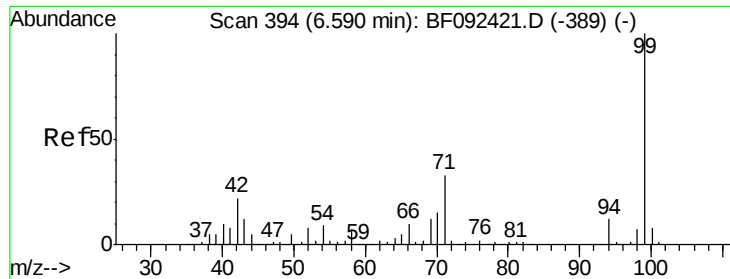


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.39 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

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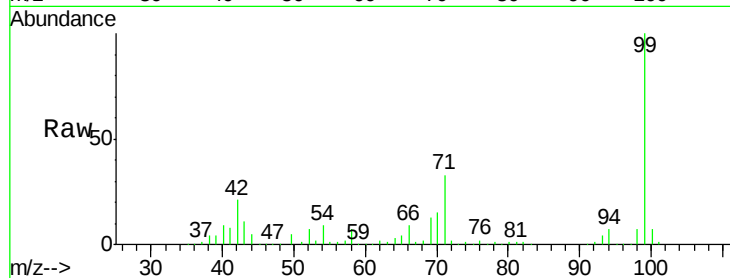
Tgt Ion: 99 Resp: 1512540

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

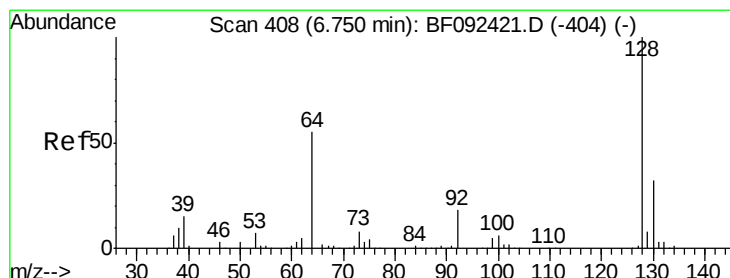
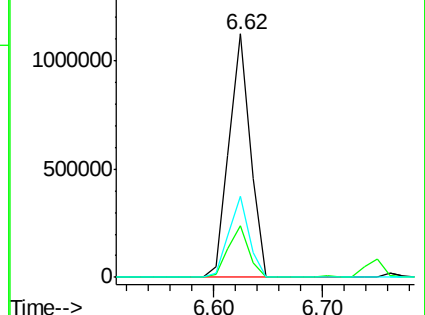
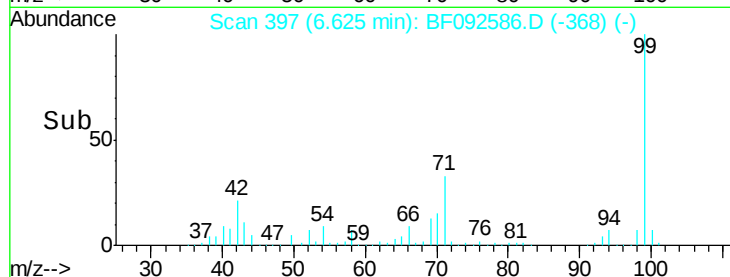
71 33.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.36 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

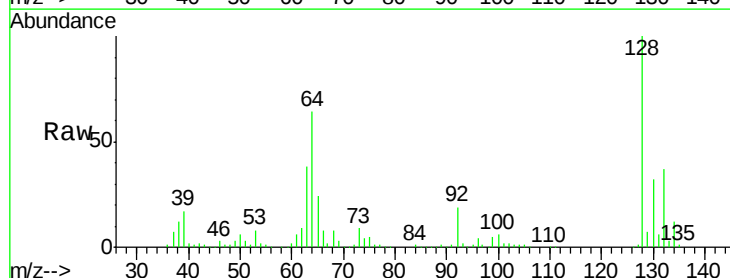
Tgt Ion: 128 Resp: 446277

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

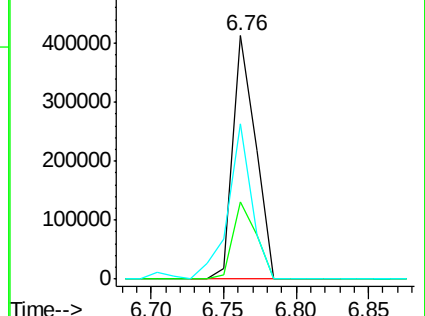
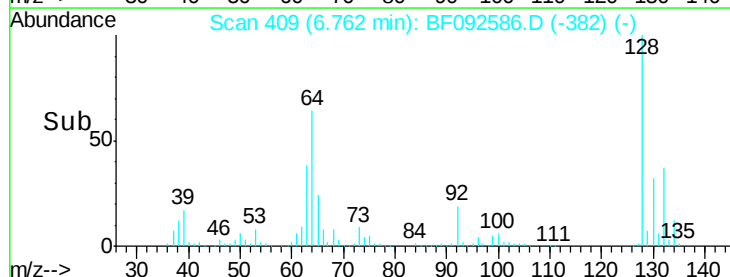
64 63.8 32.2 72.2

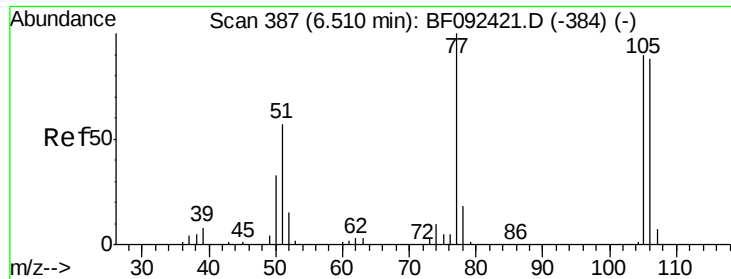


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.31 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

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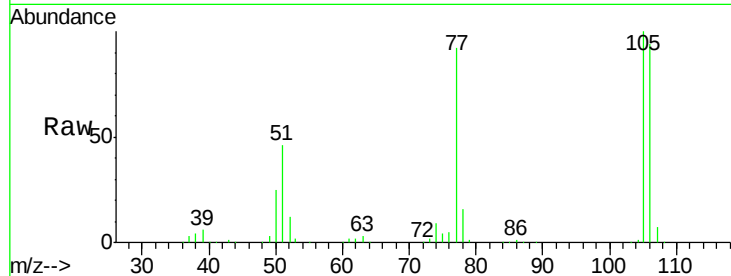
Tgt Ion: 77 Resp: 202298

Ion Ratio Lower Upper

77 100

105 108.6 83.9 123.9

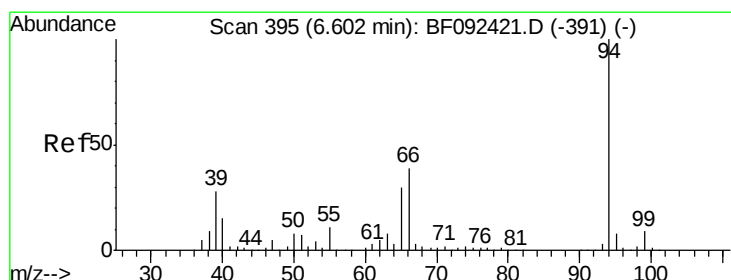
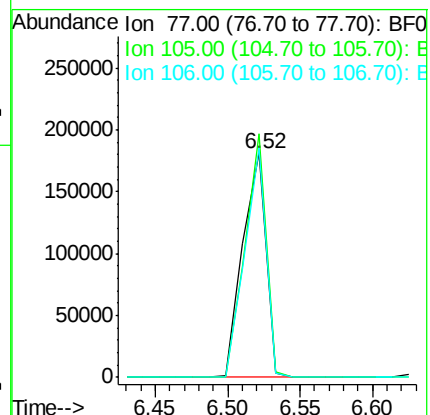
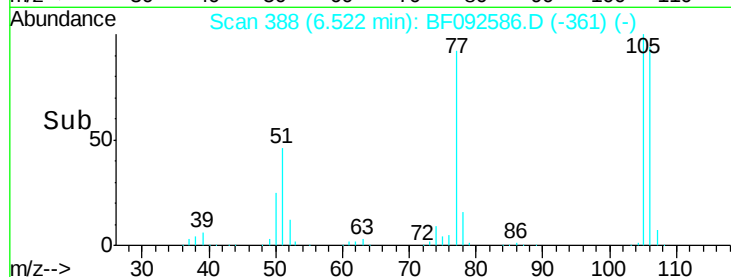
106 102.2 77.6 117.6



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: 32.04 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

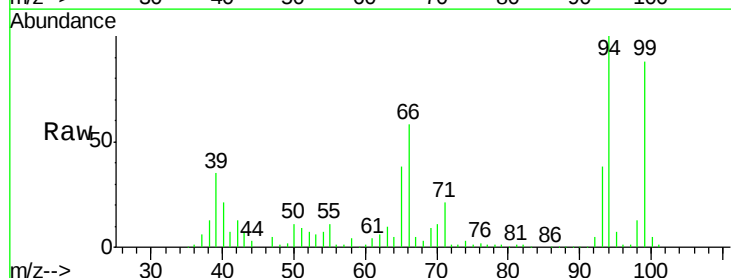
Tgt Ion: 94 Resp: 494032

Ion Ratio Lower Upper

94 100

65 38.3 21.4 61.4

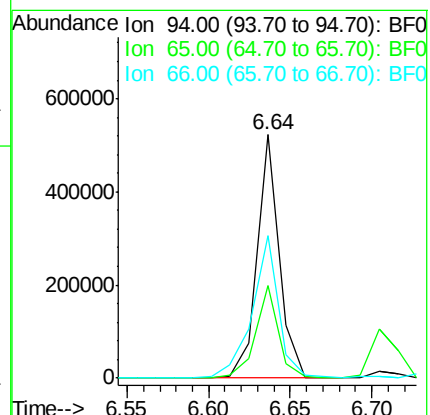
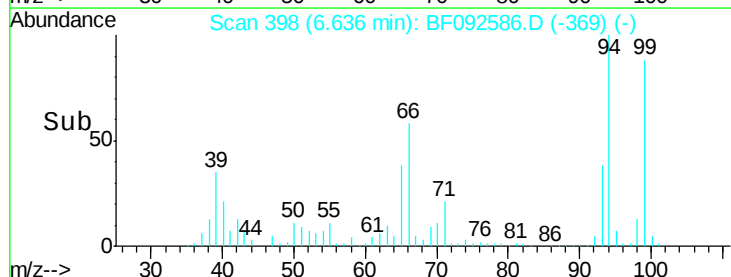
66 58.3 44.0 84.0

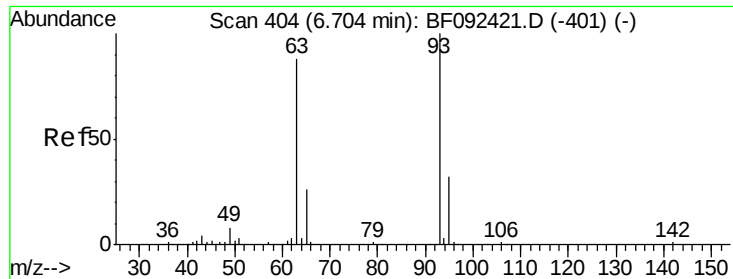


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

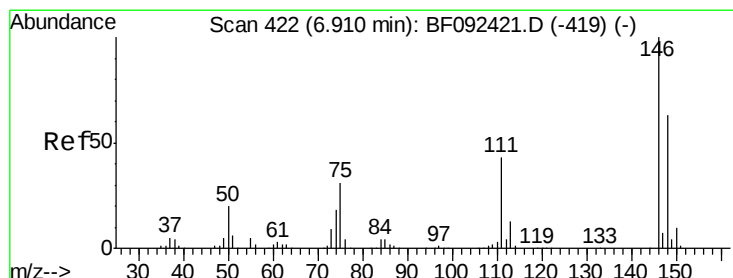
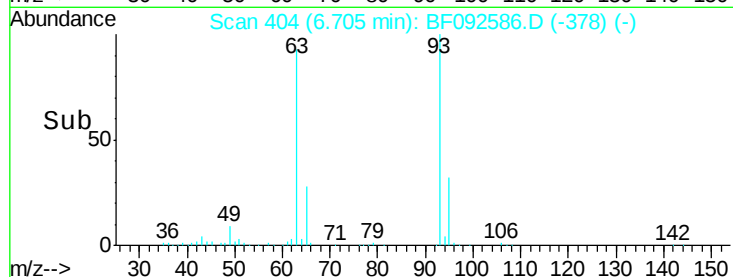
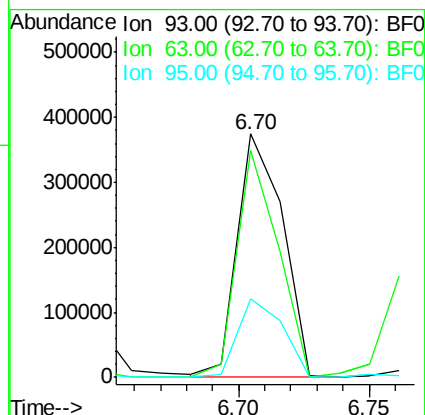
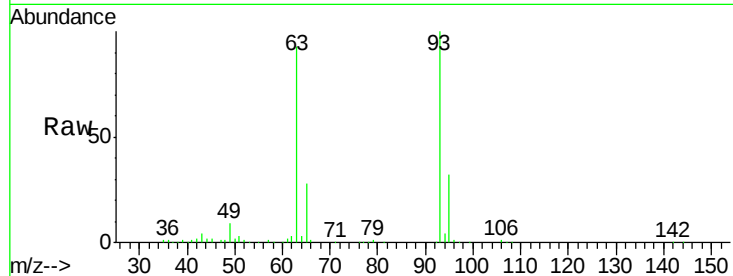




#11
bis(2-Chloroethyl)ether
Concen: 39.72 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

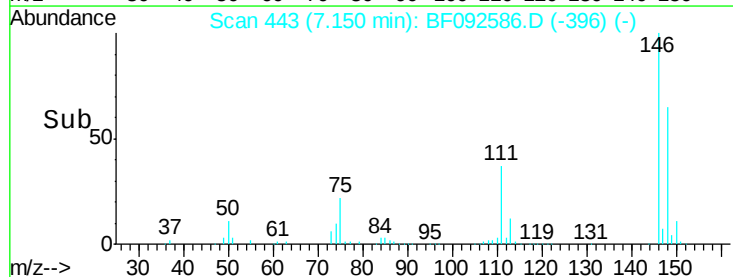
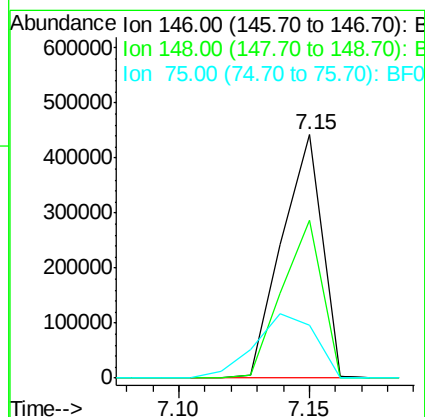
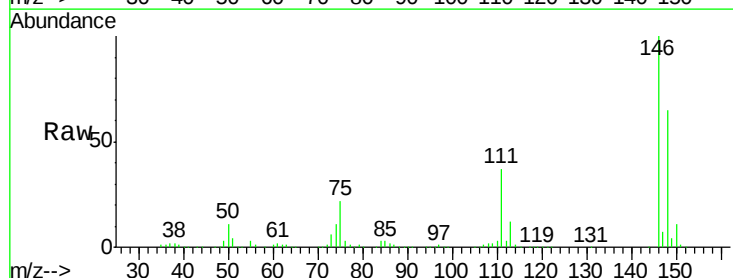
Instrument :
BNA_F
ClientSampleId :
PB96416BS

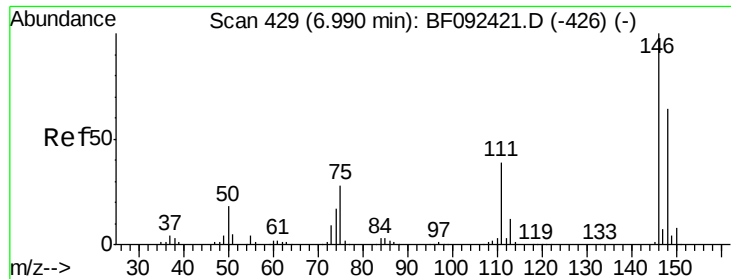
Tgt Ion: 93 Resp: 458246
Ion Ratio Lower Upper
93 100
63 93.4 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.08 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.24 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion: 146 Resp: 474509
Ion Ratio Lower Upper
146 100
148 64.8 53.4 80.0
75 22.0 18.5 27.7

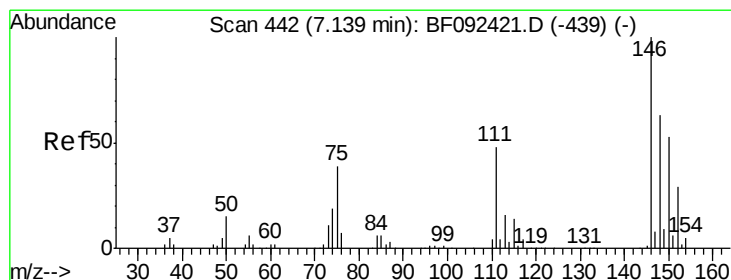
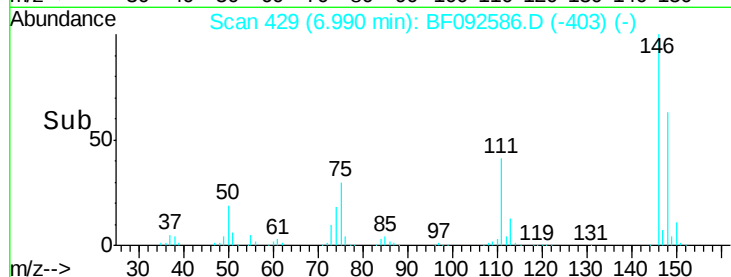
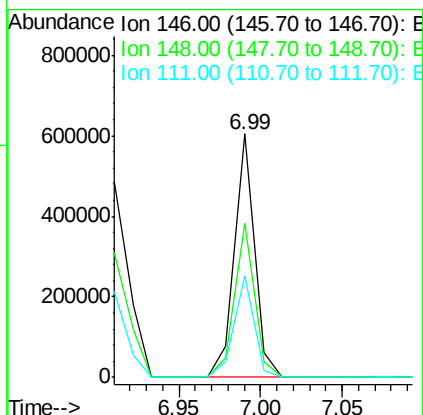
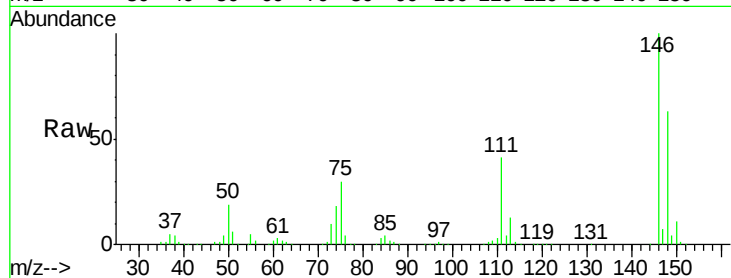




#13
 1,4-Dichlorobenzene
 Concen: 40.62 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

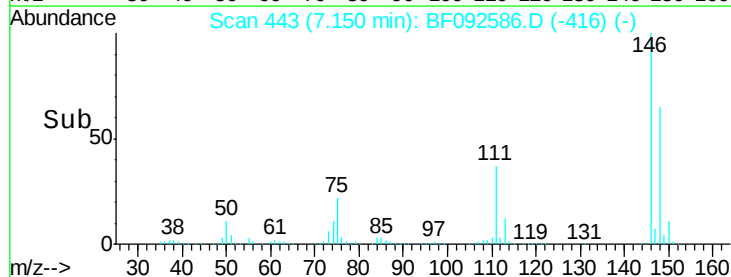
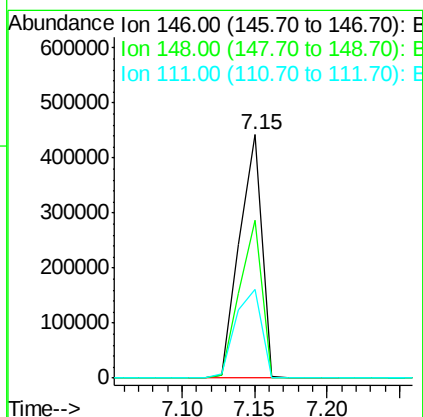
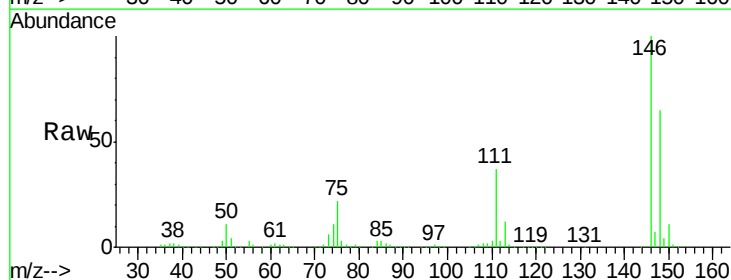
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Tgt Ion:146 Resp: 509411
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 41.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.94 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:146 Resp: 475140
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 36.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.11 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.02 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

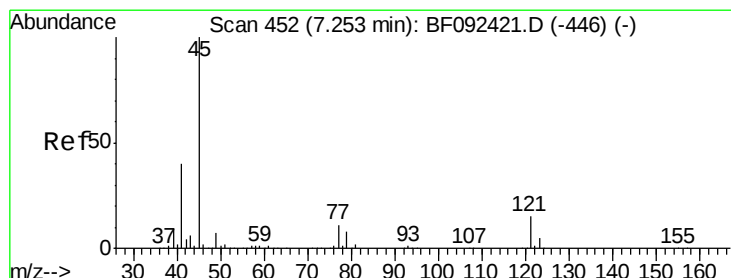
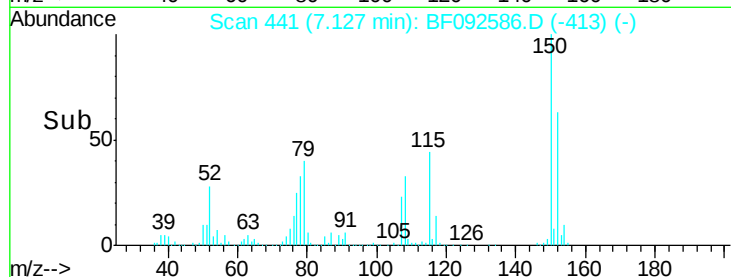
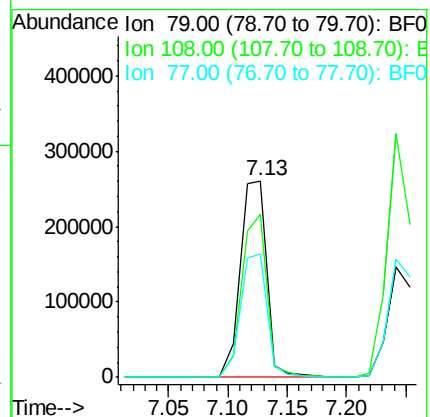
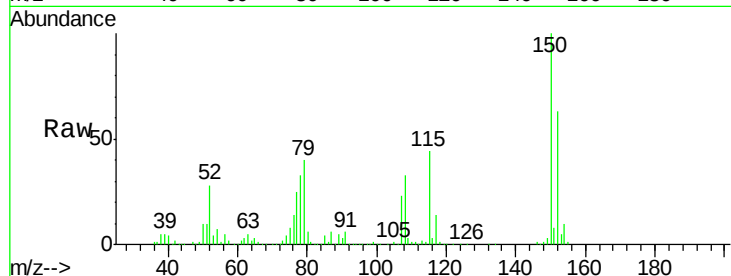
Tgt Ion: 79 Resp: 405444

Ion Ratio Lower Upper

79 100

108 83.0 61.4 92.0

77 62.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.19 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

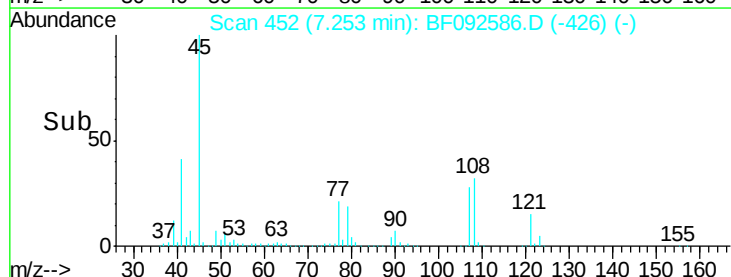
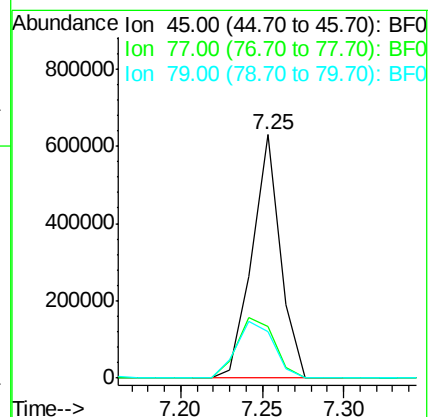
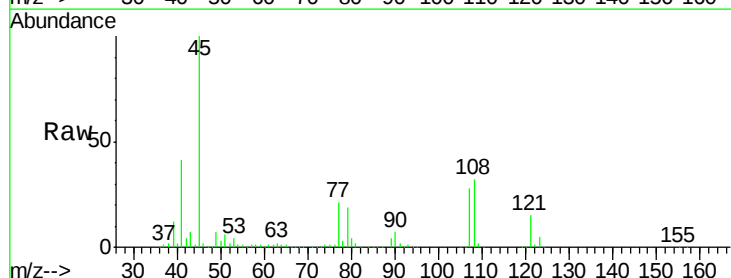
Tgt Ion: 45 Resp: 757460

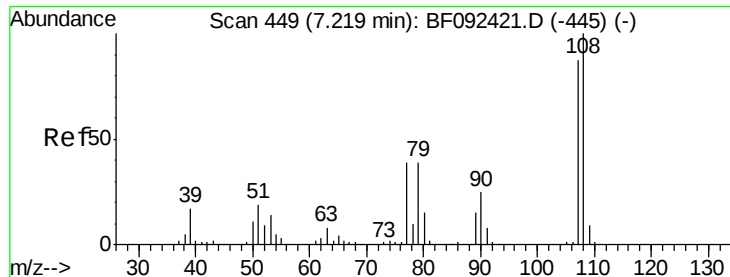
Ion Ratio Lower Upper

45 100

77 21.1 0.0 34.6

79 18.9 0.0 31.2

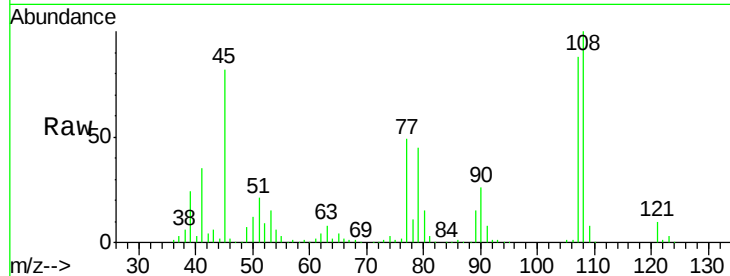




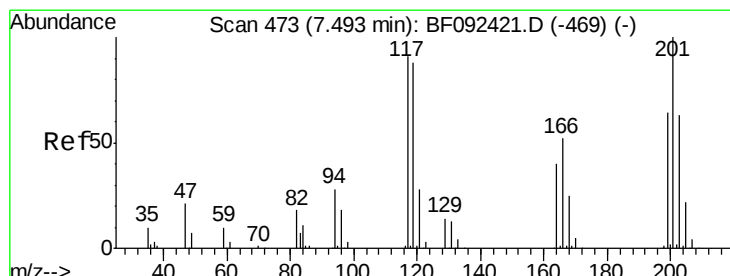
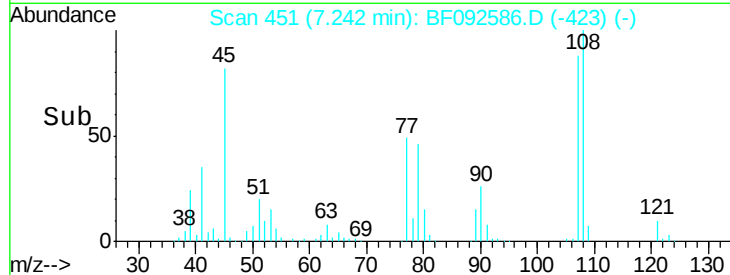
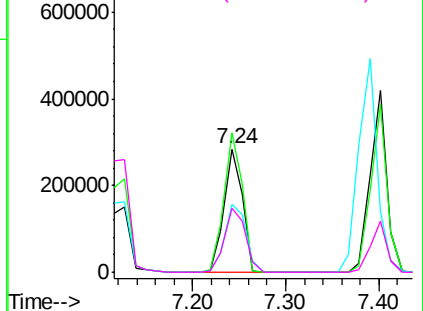
#17
2-Methylphenol
Concen: 43.57 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.02 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96416BS

Tgt Ion:107 Resp: 392240
Ion Ratio Lower Upper
107 100
108 113.6 93.0 139.6
77 55.3 39.8 59.8
79 51.6 38.0 57.0

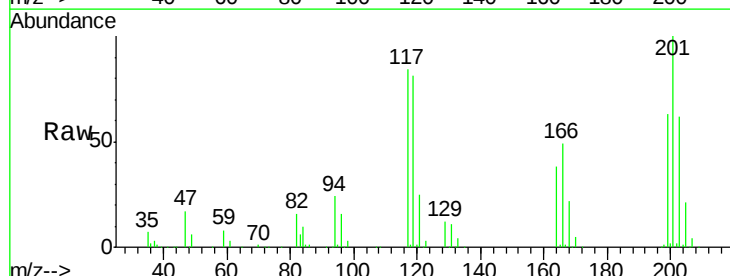


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

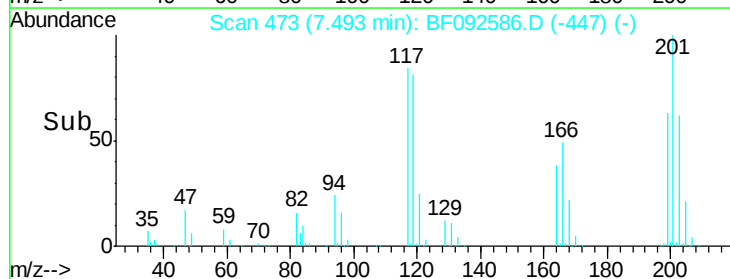
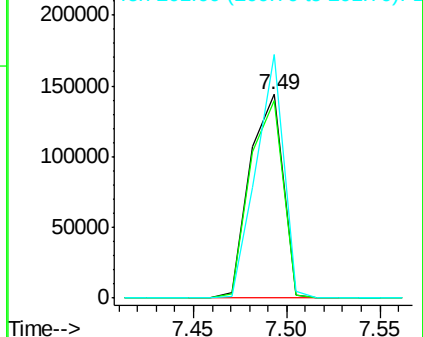


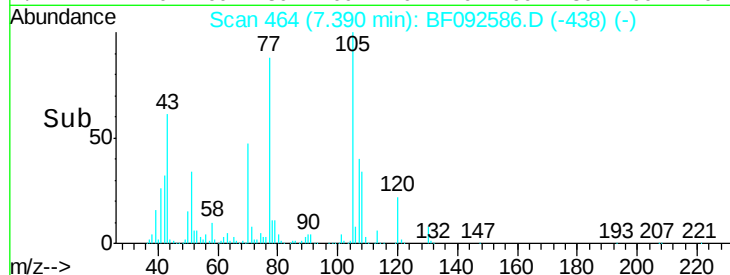
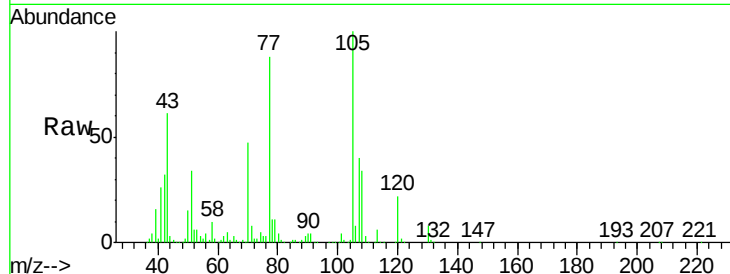
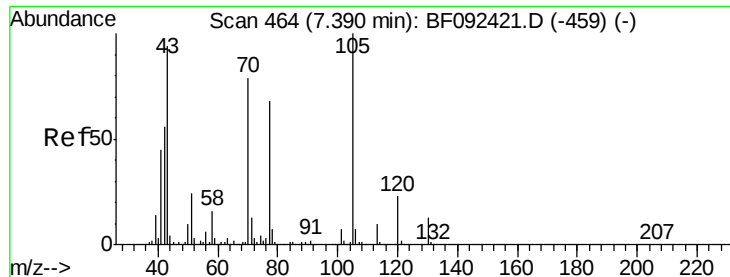
#18
Hexachloroethane
Concen: 40.68 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:117 Resp: 175721
Ion Ratio Lower Upper
117 100
119 96.8 78.1 117.1
201 119.5 78.6 117.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

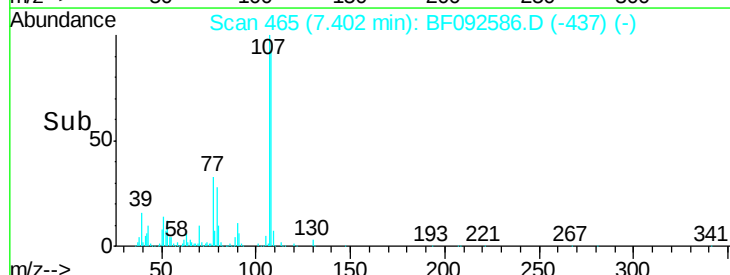
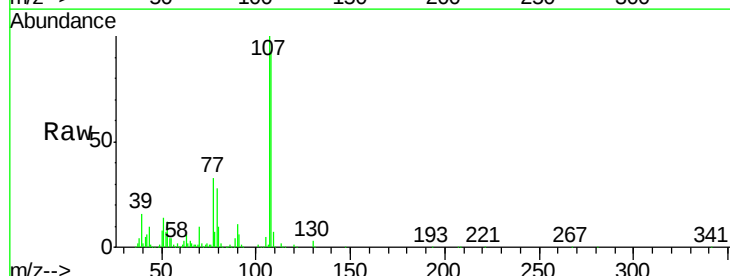
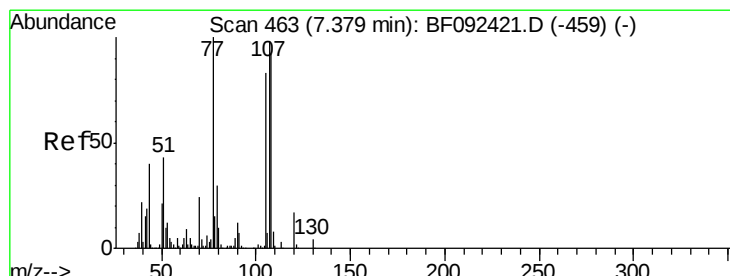
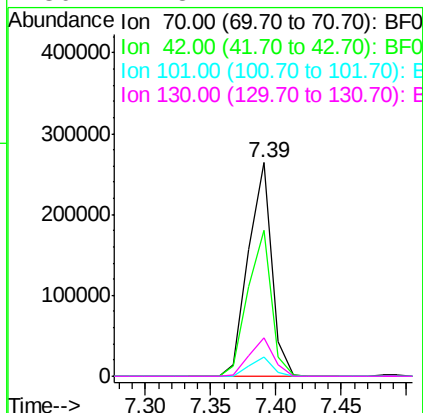




#19
n-Nitroso-di-n-propylamine
Concen: 37.73 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

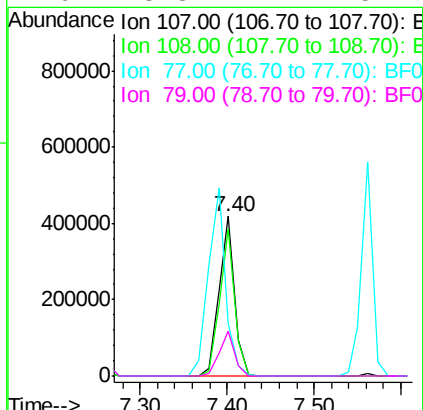
Instrument :
BNA_F
ClientSampleId :
PB96416BS

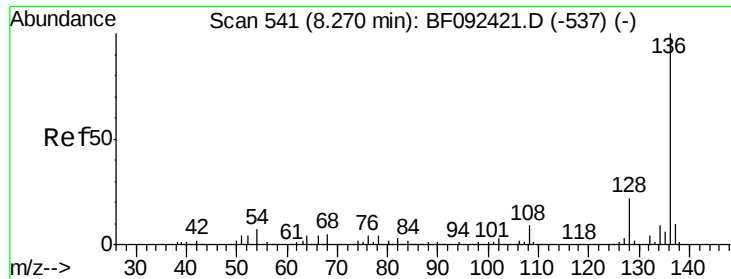
Tgt Ion:	70	Resp:	328245
Ion	Ratio	Lower	Upper
70	100		
42	68.1	49.4	74.0
101	8.9	7.4	11.2
130	17.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.19 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.02 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:	107	Resp:	526294
Ion	Ratio	Lower	Upper
107	100		
108	92.5	73.0	113.0
77	33.0	71.3	111.3#
79	28.3	11.1	51.1

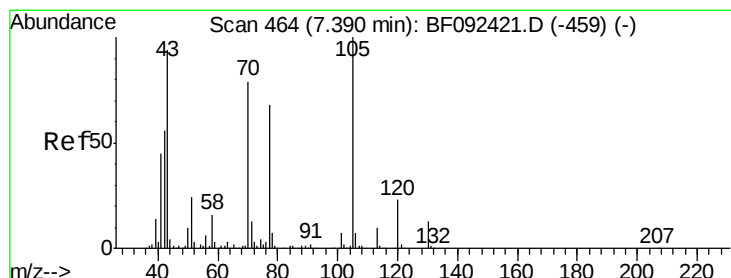
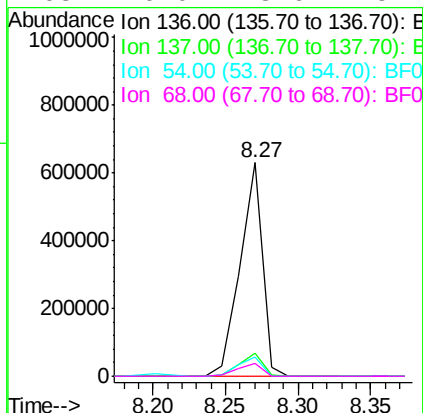
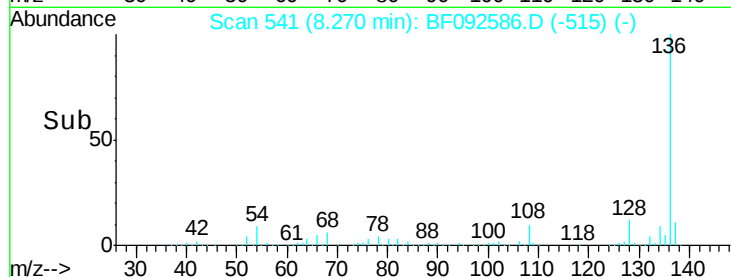
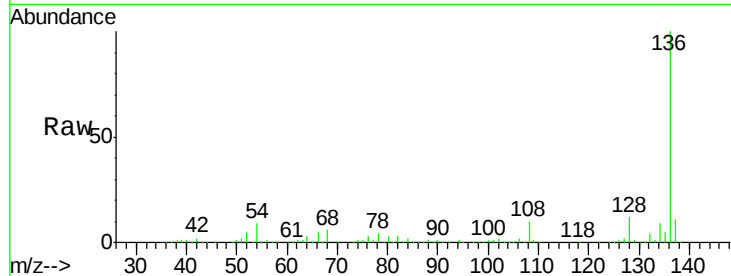




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

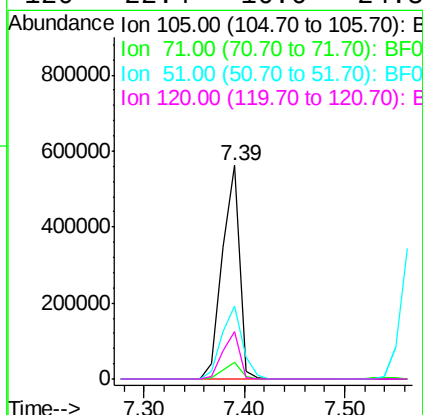
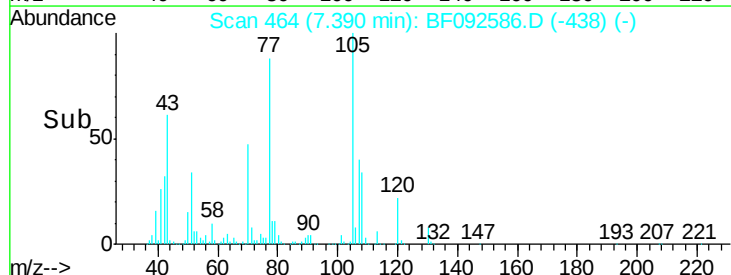
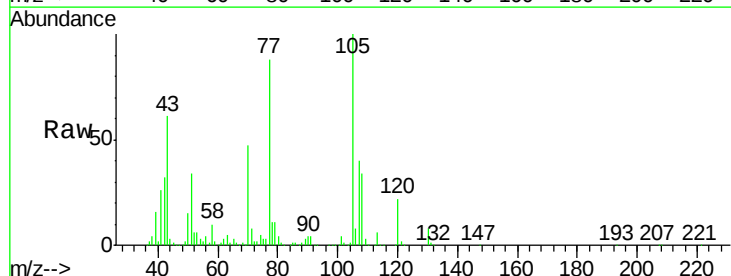
Instrument :
BNA_F
ClientSampleId :
PB96416BS

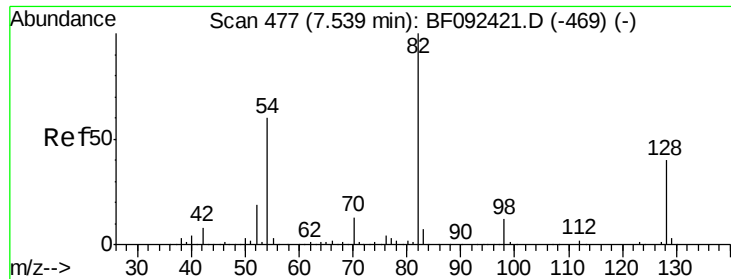
Tgt Ion:	136	Resp:	676295
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.8	4.5	6.7#
68	6.0	3.6	5.4#



#22
Acetophenone
Concen: 41.52 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:	105	Resp:	668855
Ion	Ratio	Lower	Upper
105	100		
71	8.0	3.2	4.8#
51	34.2	26.2	39.4
120	22.4	16.6	24.8

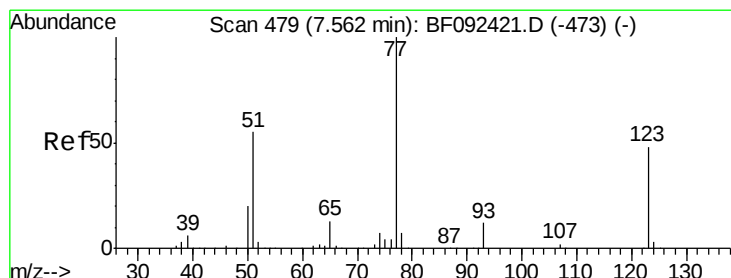
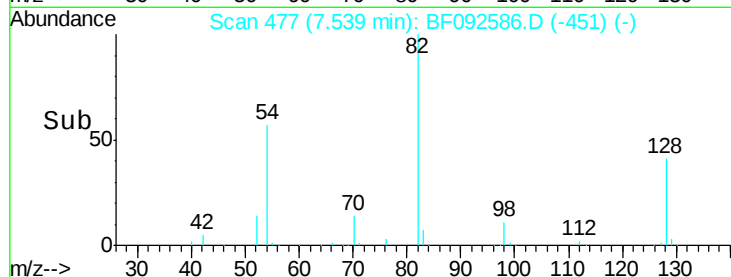
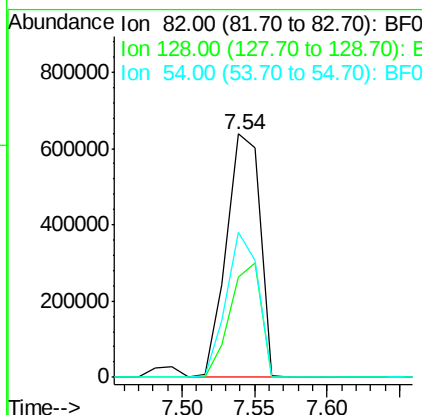
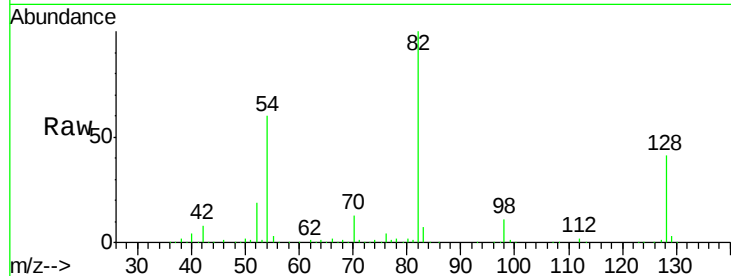




#23
 Nitrobenzene-d5
 Concen: 82.75 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

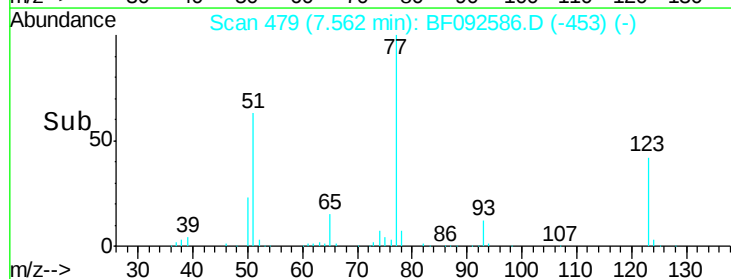
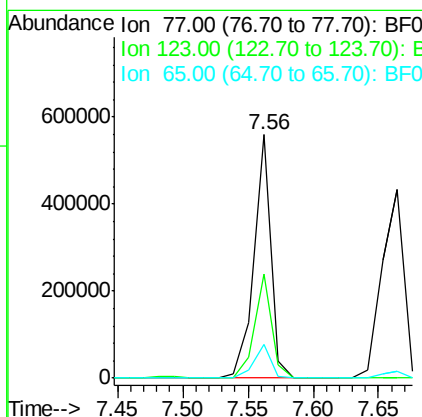
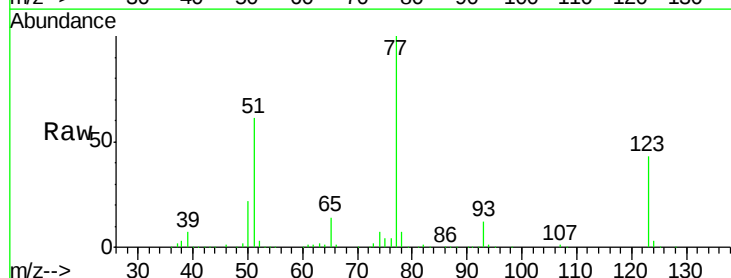
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

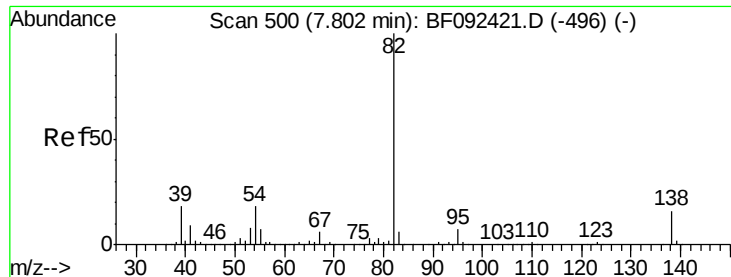
Tgt Ion: 82 Resp: 1024513
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 52.0
 54 59.8 39.5 59.3#



#24
 Nitrobenzene
 Concen: 38.84 ng
 RT: 7.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion: 77 Resp: 503743
 Ion Ratio Lower Upper
 77 100
 123 42.9 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 38.92 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampled :

PB96416BS

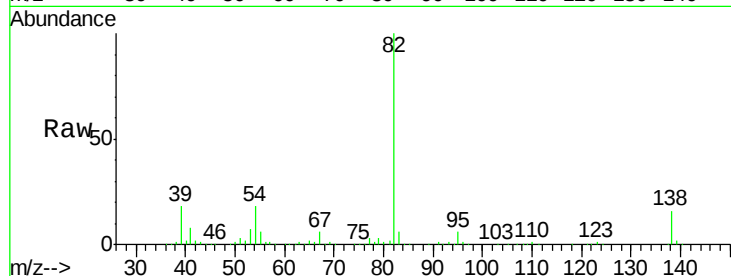
Tgt Ion: 82 Resp: 949425

Ion Ratio Lower Upper

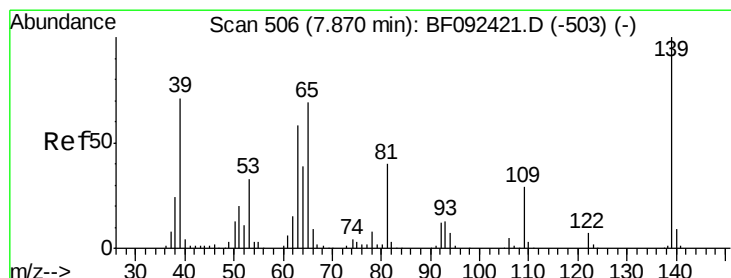
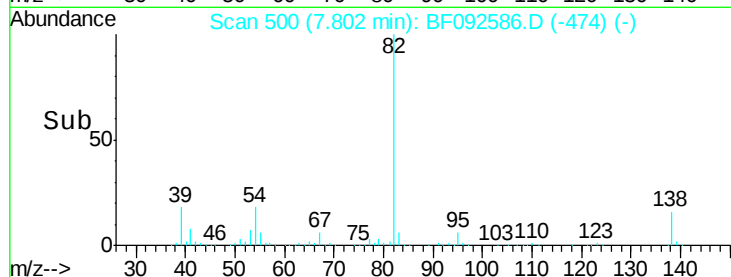
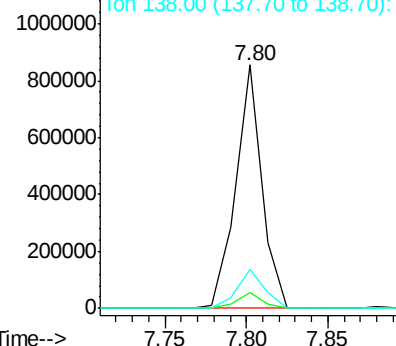
82 100

95 6.5 5.6 8.4

138 15.9 14.6 22.0



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



#26

2-Nitrophenol

Concen: 49.10 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

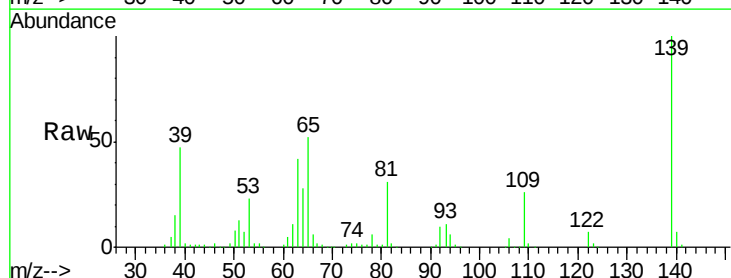
Tgt Ion: 139 Resp: 266848

Ion Ratio Lower Upper

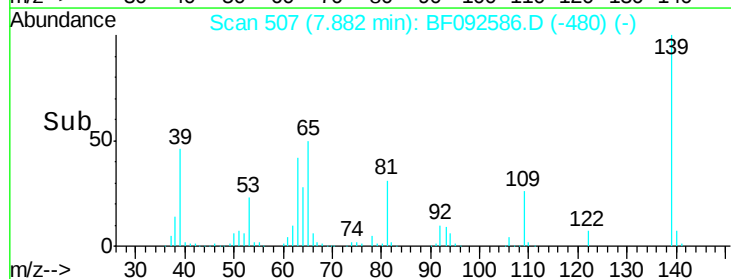
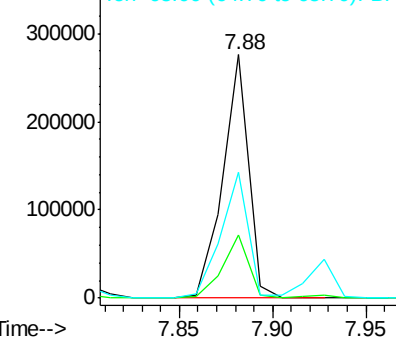
139 100

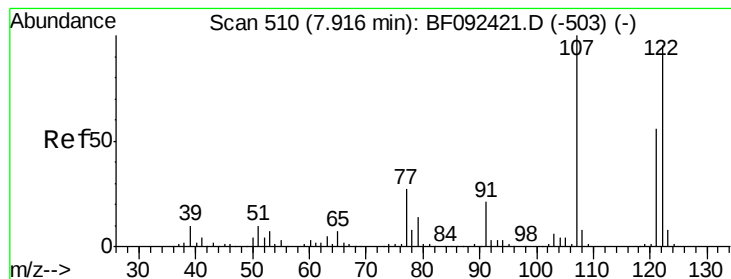
109 25.7 23.3 34.9

65 51.7 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 40.74 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

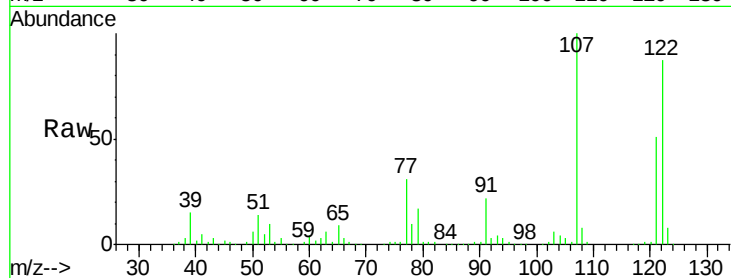
Tgt Ion:122 Resp: 460497

Ion Ratio Lower Upper

122 100

107 114.5 94.1 141.1

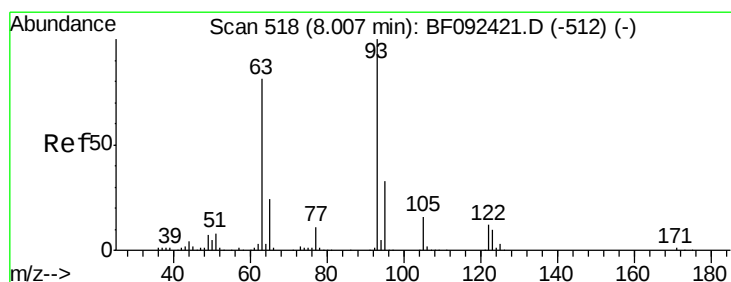
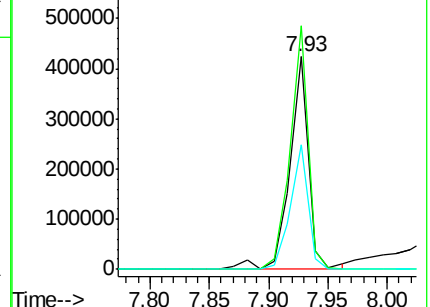
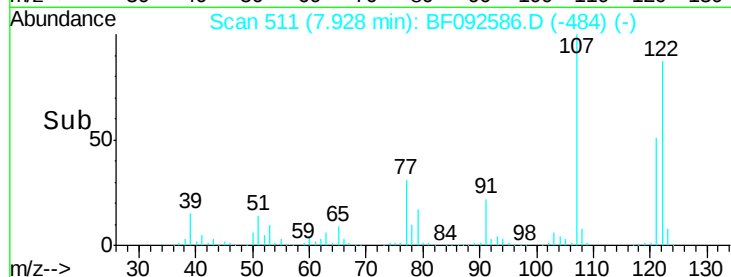
121 58.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.50 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

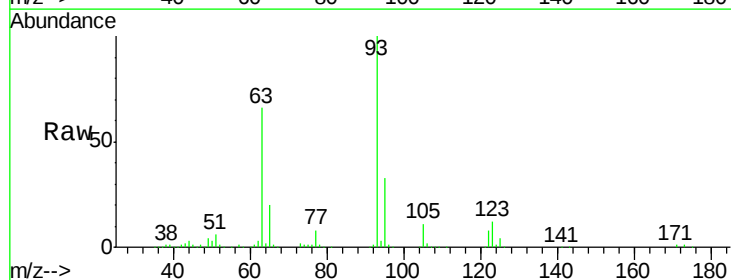
Tgt Ion: 93 Resp: 616526

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

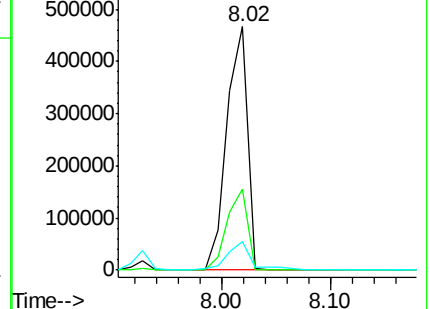
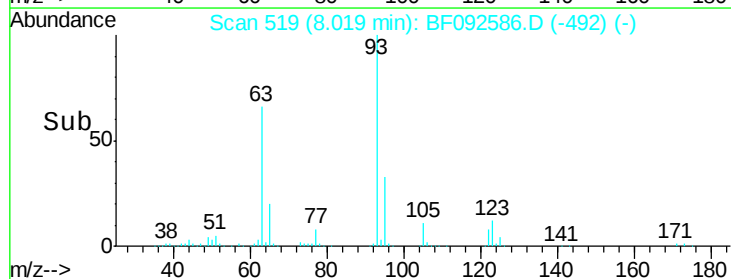
123 12.0 8.6 13.0

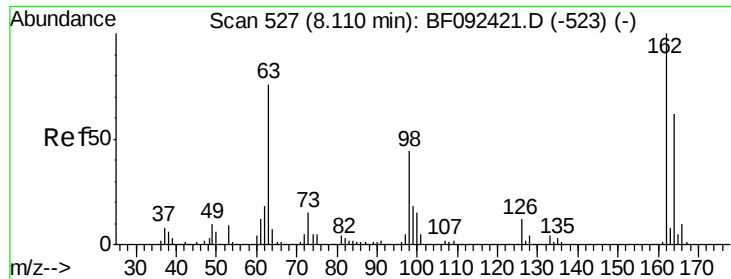


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

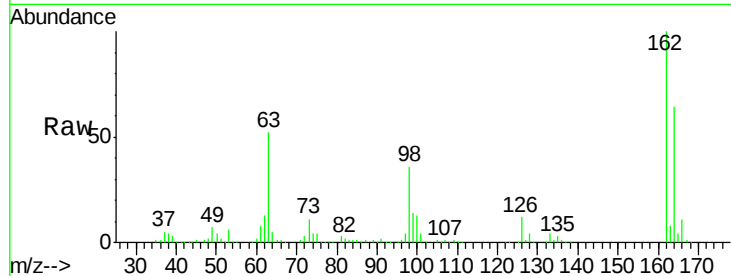




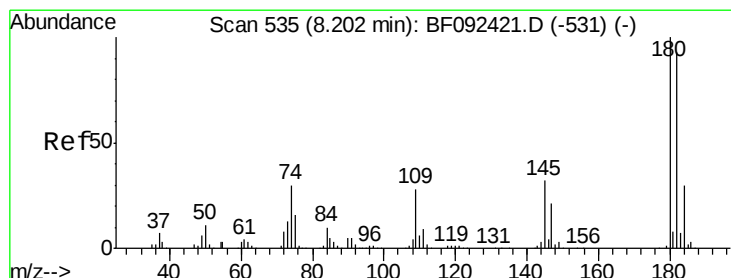
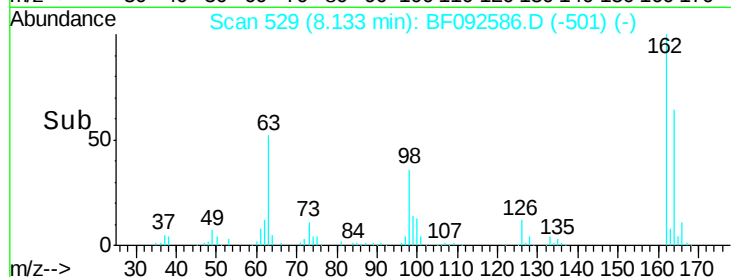
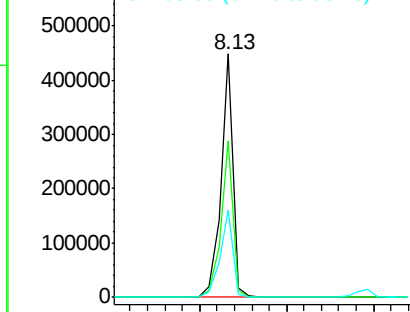
#29
2,4-Dichlorophenol
Concen: 44.65 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.02 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96416BS

Tgt Ion:162 Resp: 437577
Ion Ratio Lower Upper
162 100
164 64.3 46.8 86.8
98 35.7 9.1 49.1

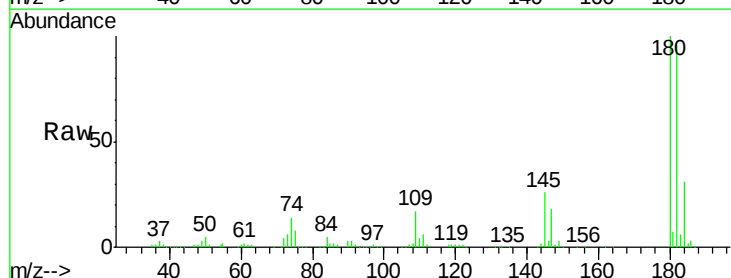


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

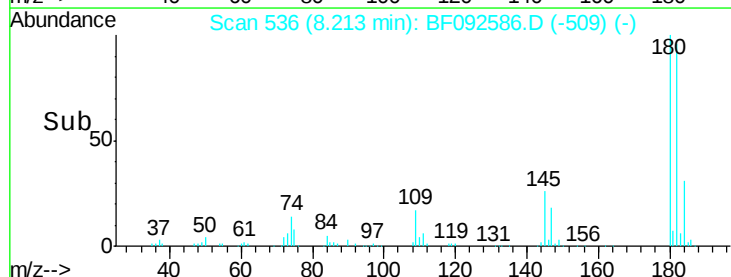
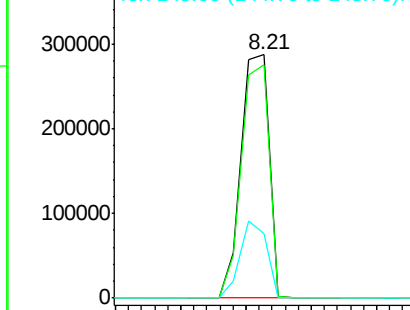


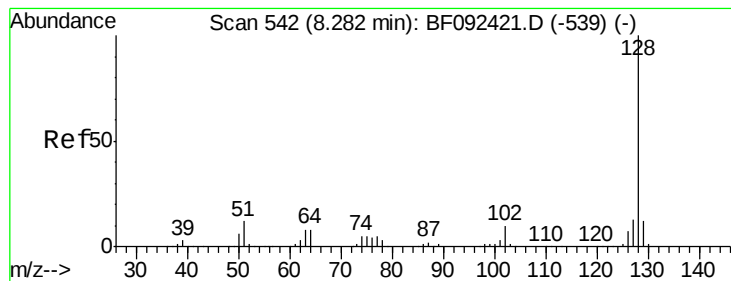
#30
1,2,4-Trichlorobenzene
Concen: 40.54 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:180 Resp: 429370
Ion Ratio Lower Upper
180 100
182 95.7 78.2 117.4
145 26.4 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: 39.94 ng

RT: 8.29 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

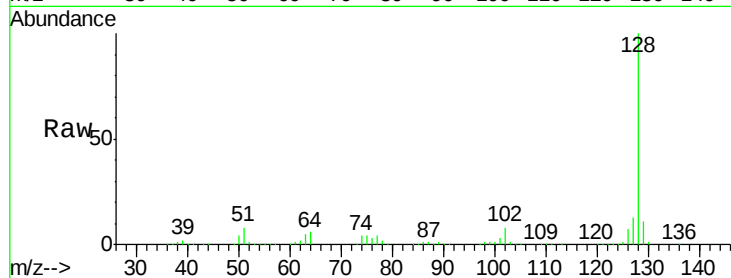
Tgt Ion:128 Resp: 1382418

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

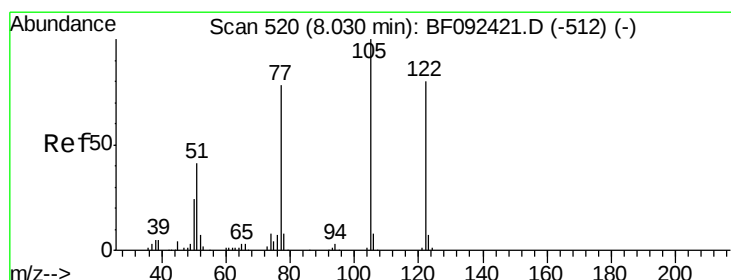
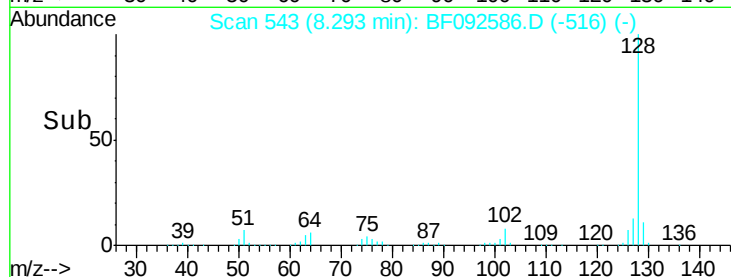
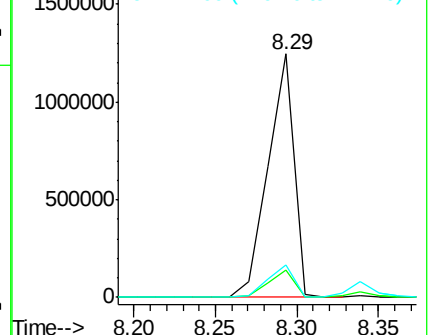
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.59 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.02 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

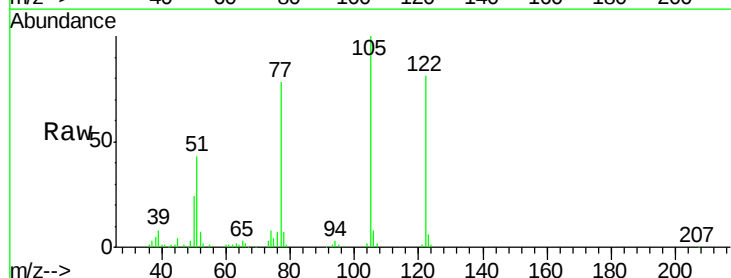
Tgt Ion:122 Resp: 289358

Ion Ratio Lower Upper

122 100

105 123.7 107.2 147.2

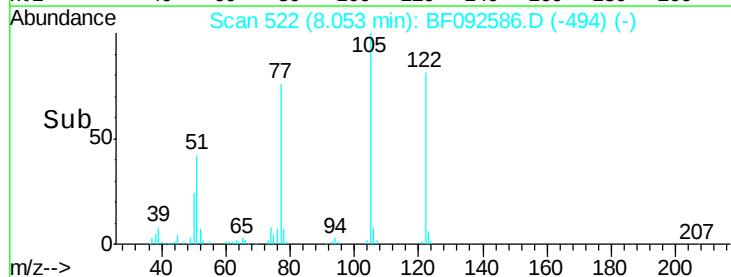
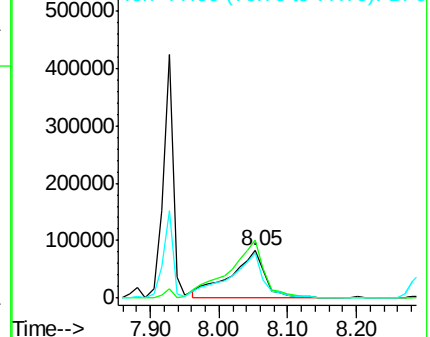
77 95.9 74.5 114.5

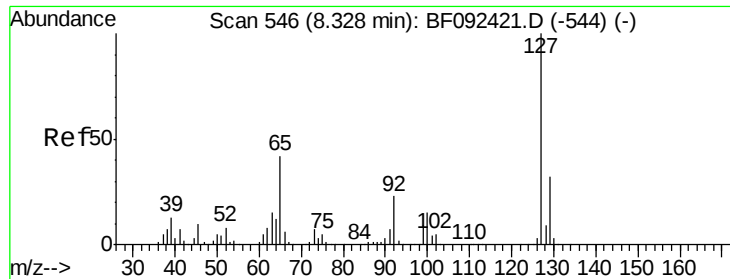


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

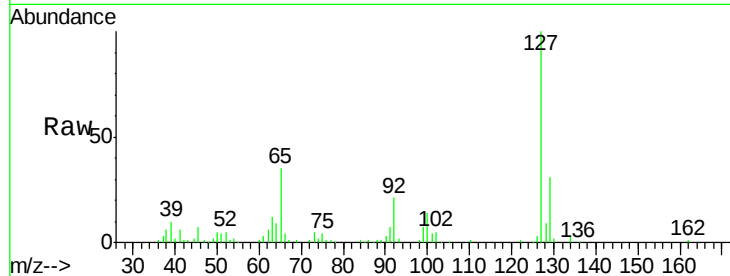




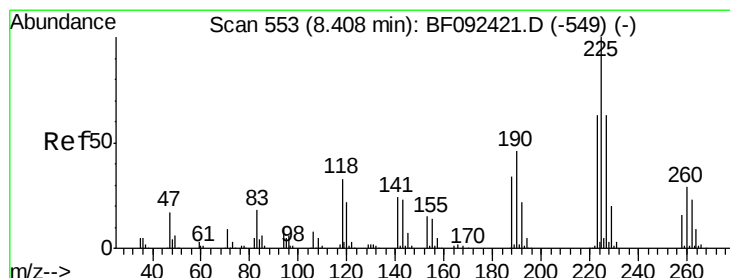
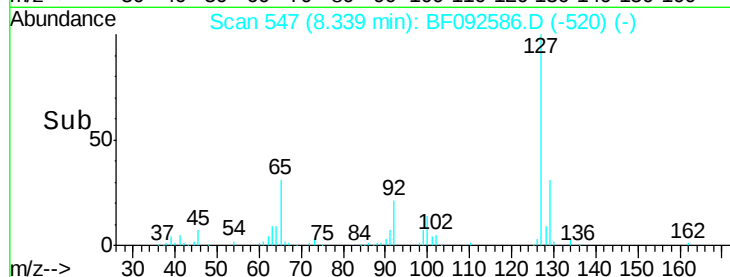
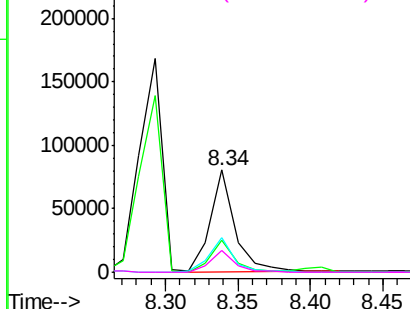
#33
 4-Chloroaniline
 Concen: 6.46 ng
 RT: 8.34 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Tgt Ion:	127	Resp:	94563
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	34.5	25.8	38.8
92	20.9	16.1	24.1

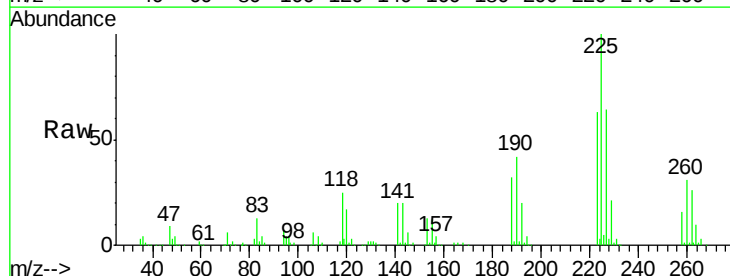


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

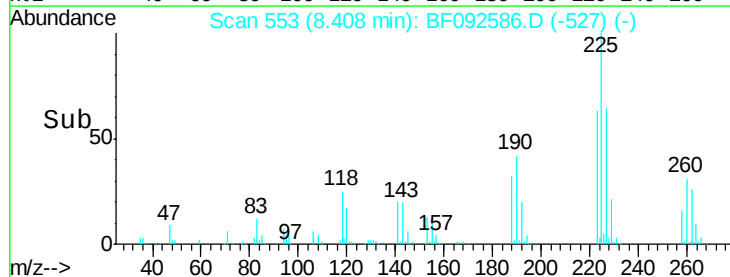
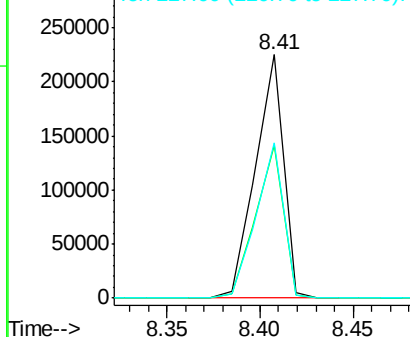


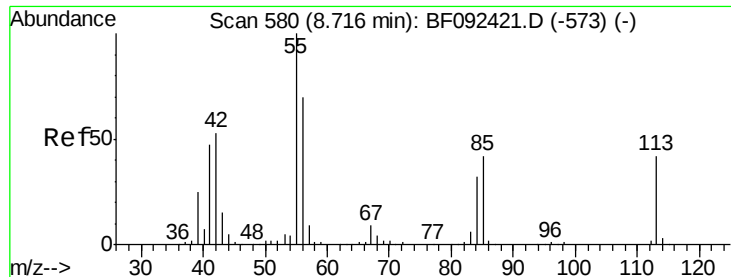
#34
 Hexachlorobutadiene
 Concen: 40.30 ng
 RT: 8.41 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:	225	Resp:	233502
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	63.8	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

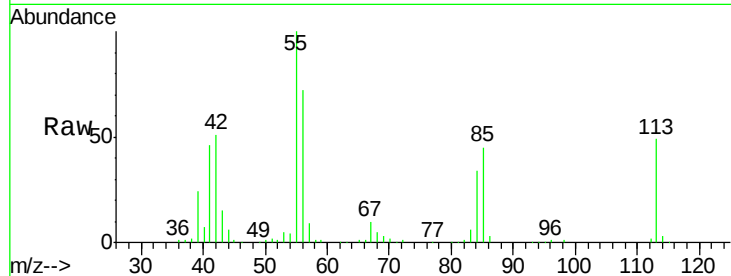




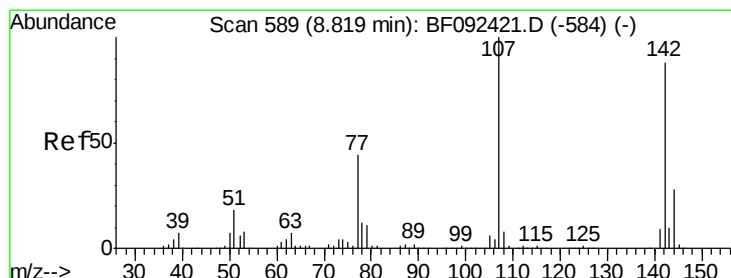
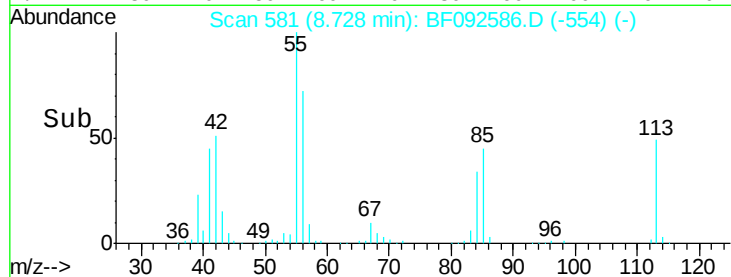
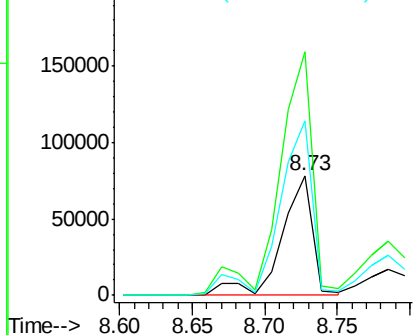
#35
 Caprolactam
 Concen: 35.73 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Tgt Ion:113 Resp: 116921
 Ion Ratio Lower Upper
 113 100
 55 203.4 119.2 159.2#
 56 145.9 83.8 123.8#

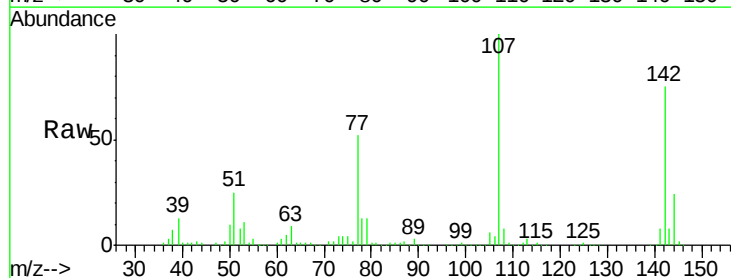


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

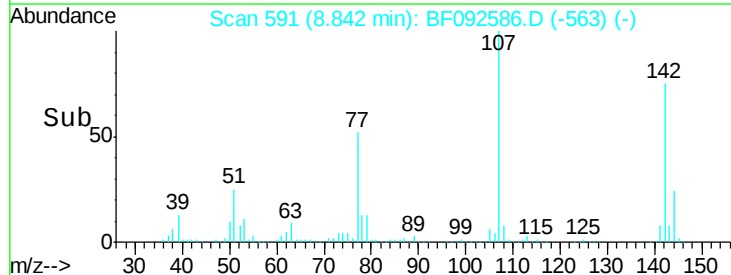
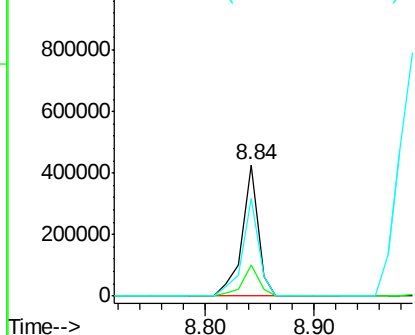


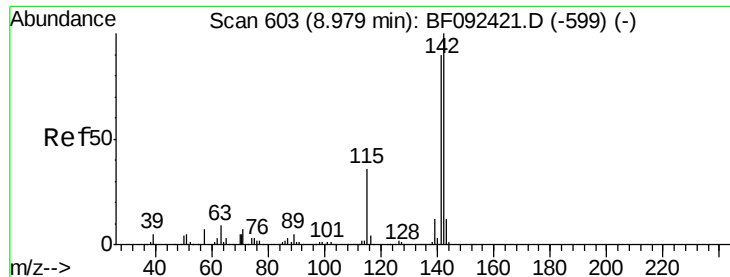
#36
 4-Chloro-3-methylphenol
 Concen: 41.42 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.02 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:107 Resp: 437759
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.3 28.9
 142 74.6 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

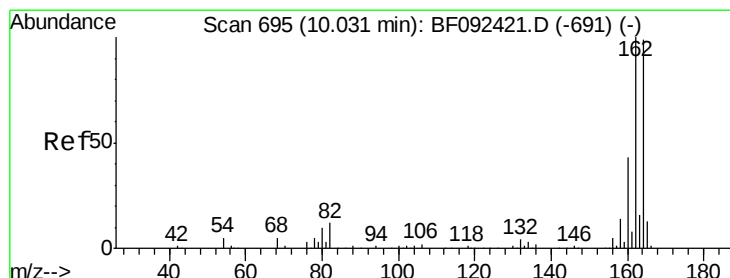
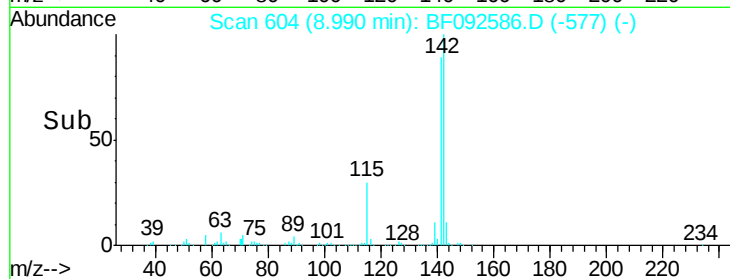
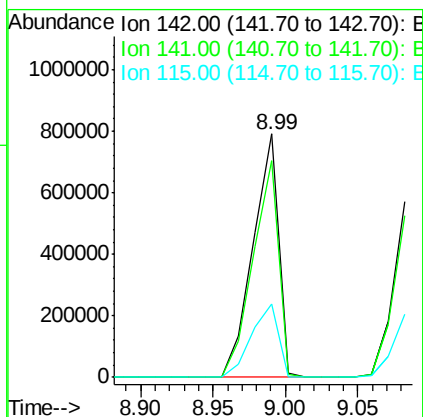
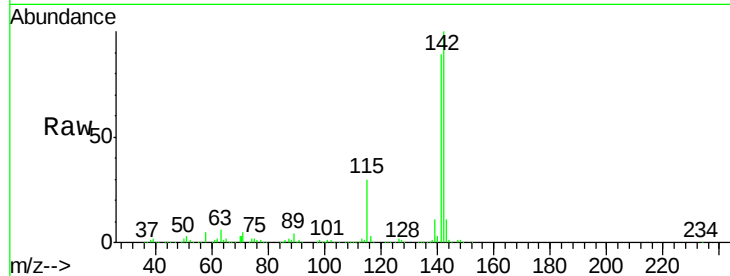




#37
 2-Methylnaphthalene
 Concen: 44.24 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

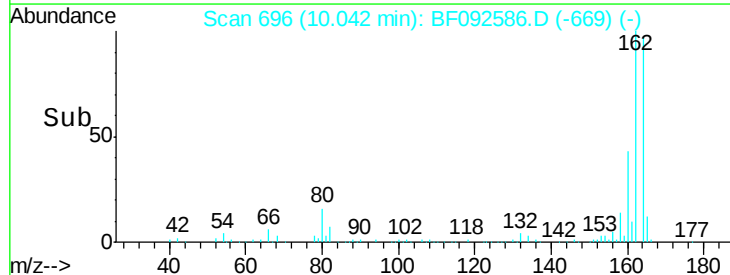
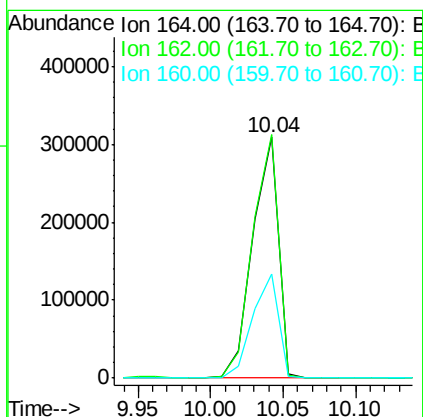
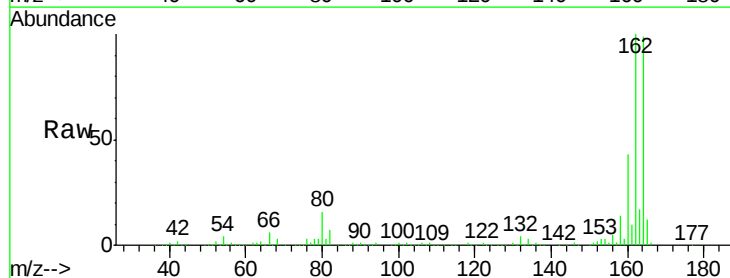
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

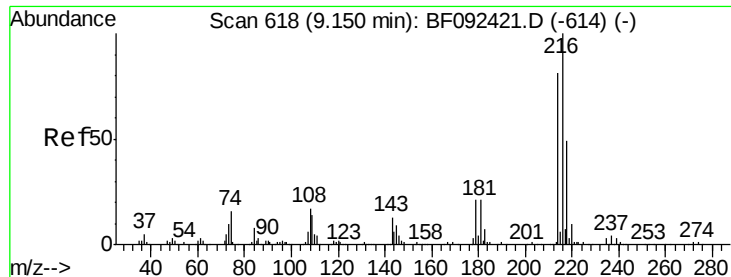
Tgt Ion:142 Resp: 969453
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 30.4 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:164 Resp: 381048
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 43.1 36.9 55.3

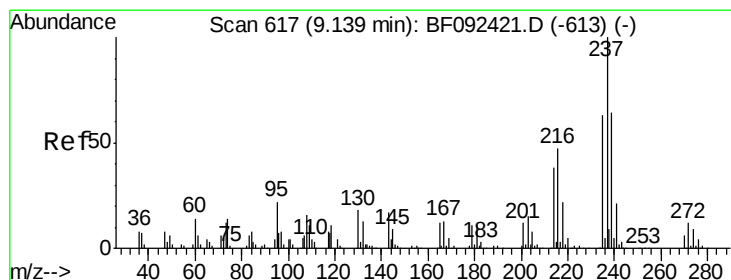
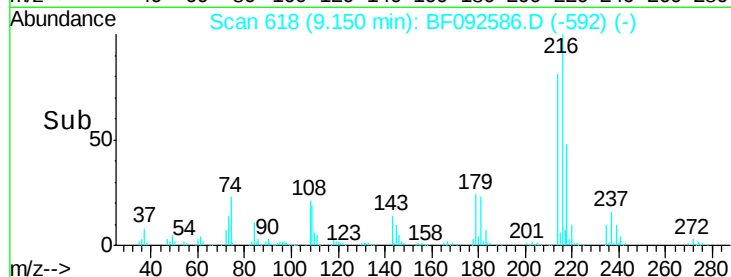
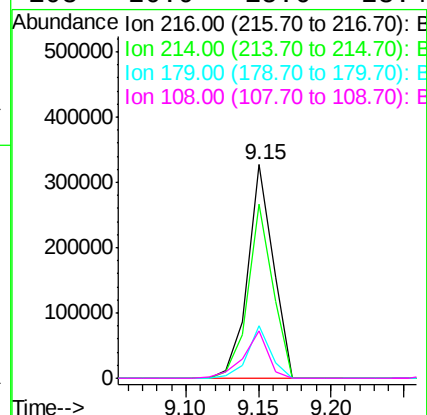
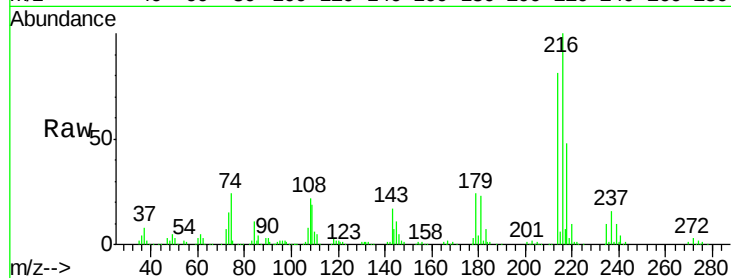




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.61 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

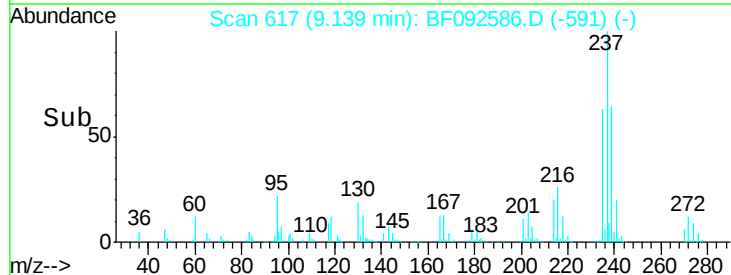
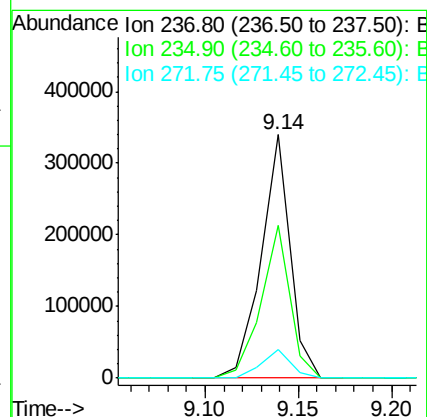
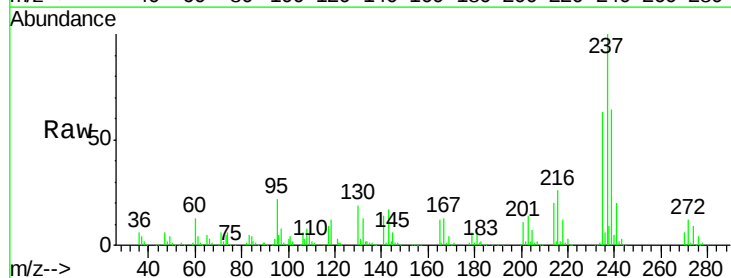
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

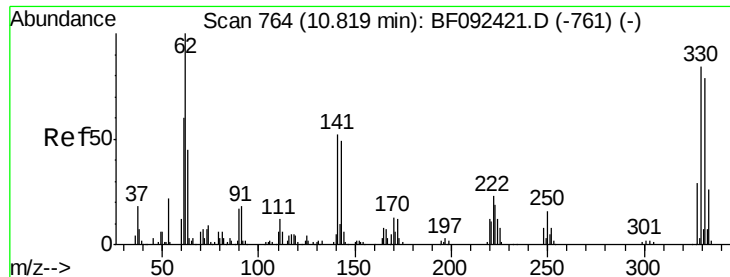
Tgt Ion:	216	Resp:	399935
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	21.6	17.4	26.2
108	20.9	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 75.47 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:	237	Resp:	363270
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	11.8	0.0	35.4





#41

2,4,6-Tribromophenol

Concen: 145.04 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

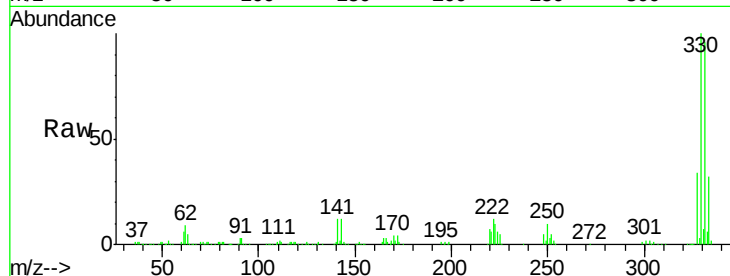
Tgt Ion:330 Resp: 376620

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

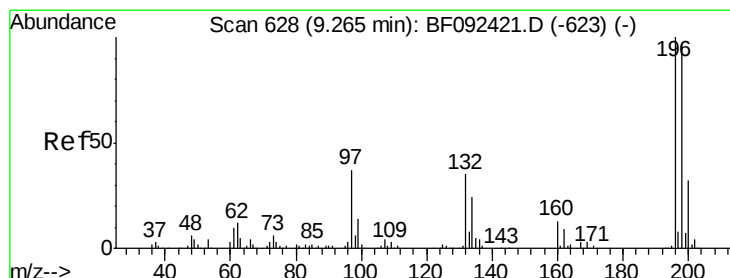
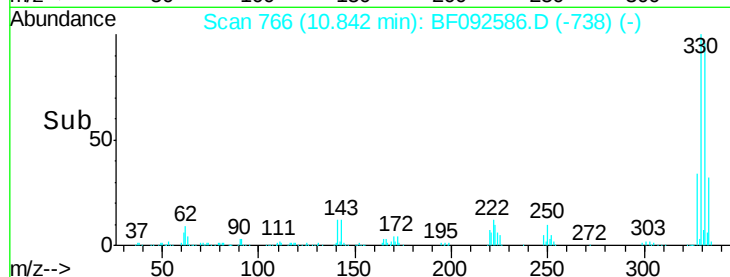
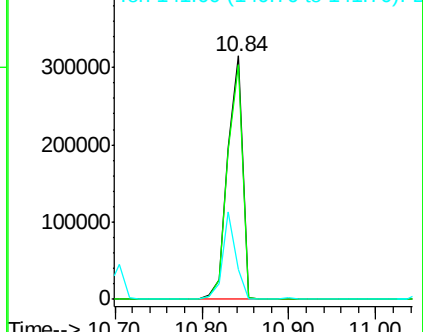
141 32.4 34.1 51.1#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 46.06 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

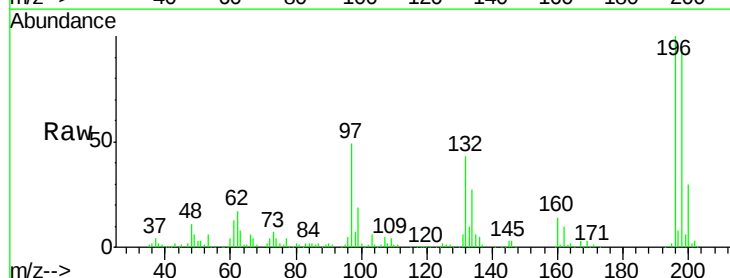
Tgt Ion:196 Resp: 339173

Ion Ratio Lower Upper

196 100

198 94.2 82.1 123.1

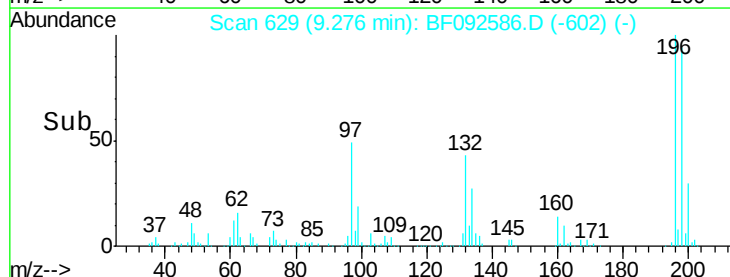
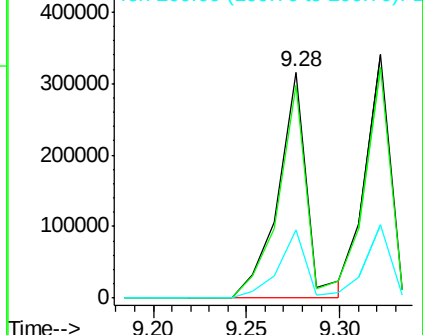
200 30.2 27.0 40.4

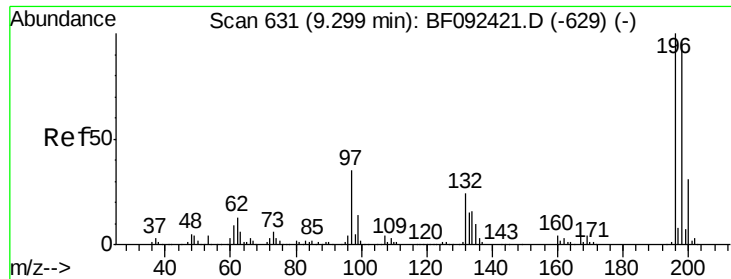


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

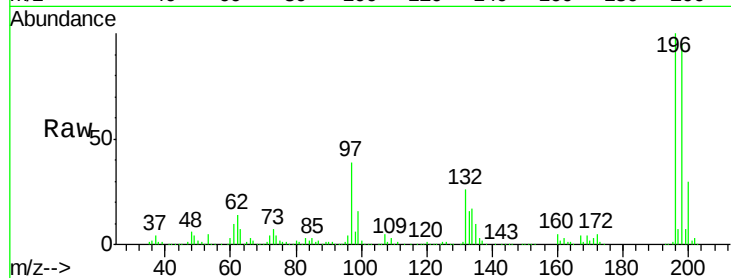




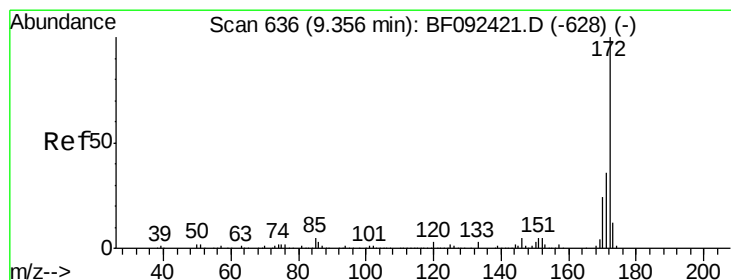
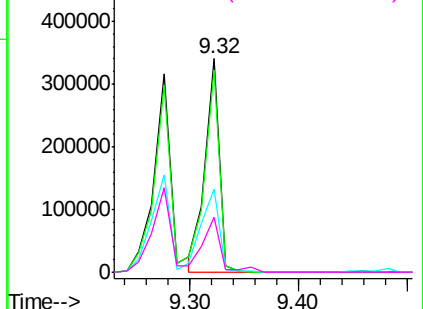
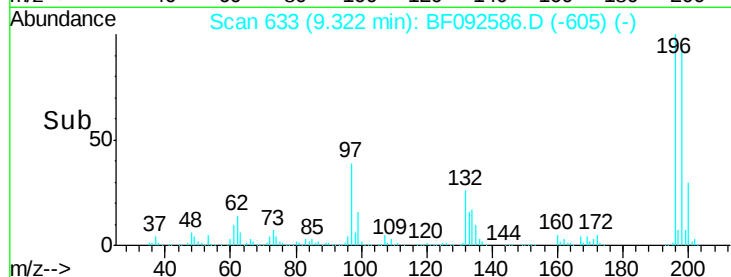
#43
 2,4,5-Trichlorophenol
 Concen: 46.94 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.02 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Tgt Ion:196 Resp: 316320
 Ion Ratio Lower Upper
 196 100
 198 95.0 79.4 119.2
 97 39.2 51.5 77.3#
 132 26.0 27.4 41.2#

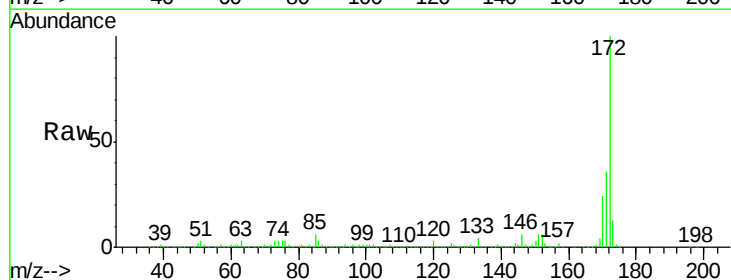


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

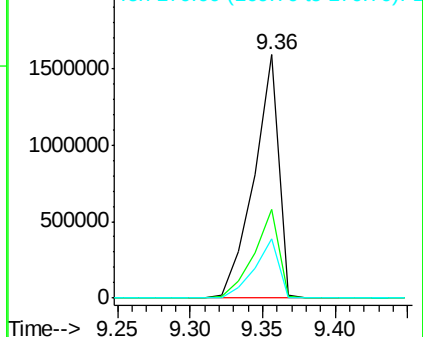
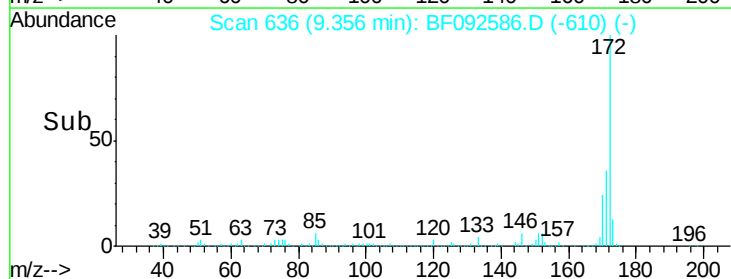


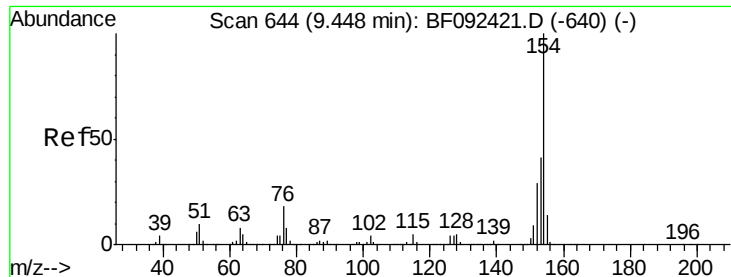
#44
 2-Fluorobiphenyl
 Concen: 91.36 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:172 Resp: 1882614
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.4 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 44.56 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

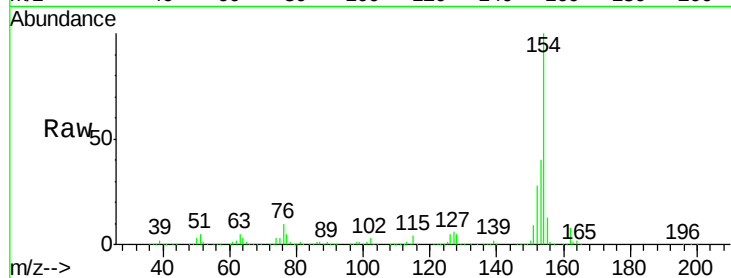
Tgt Ion:154 Resp: 1227304

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

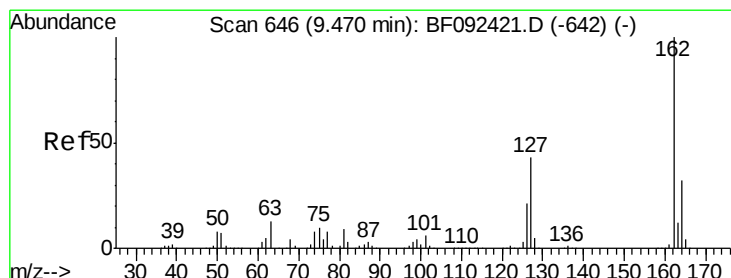
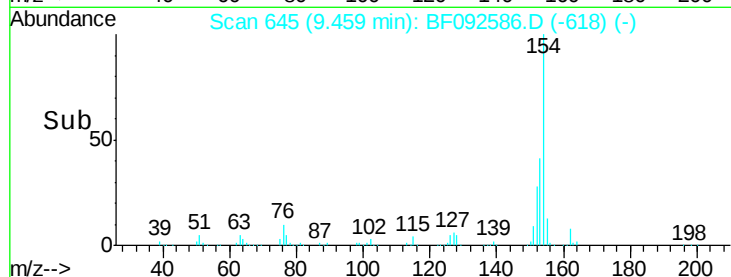
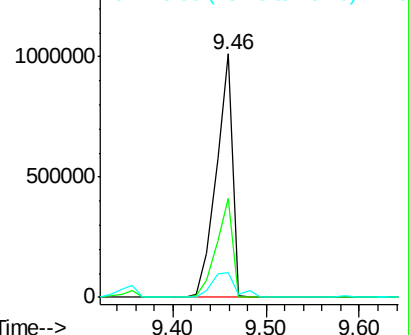
76 10.3 0.0 30.5



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: 39.92 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

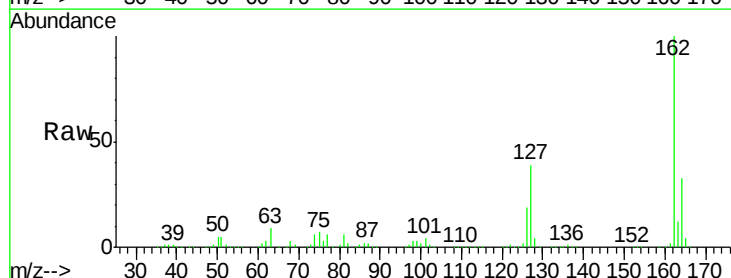
Tgt Ion:162 Resp: 898012

Ion Ratio Lower Upper

162 100

127 39.4 30.7 46.1

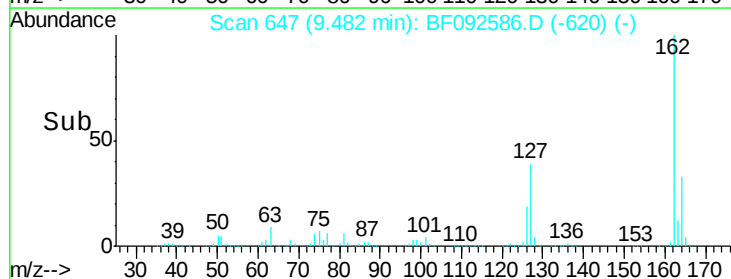
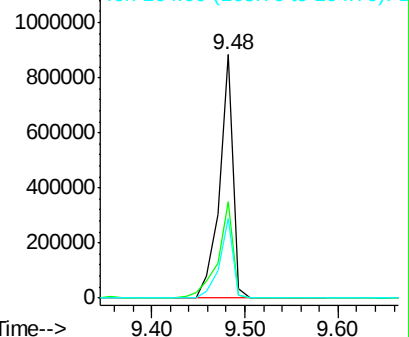
164 32.8 27.6 41.4

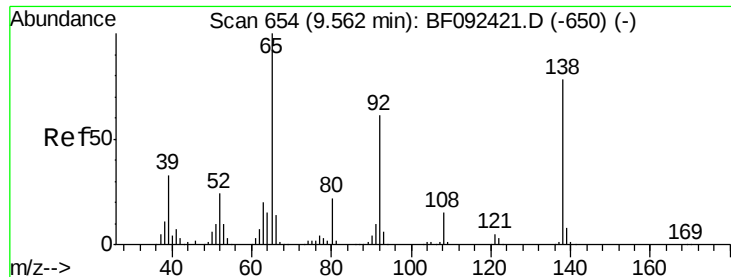


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

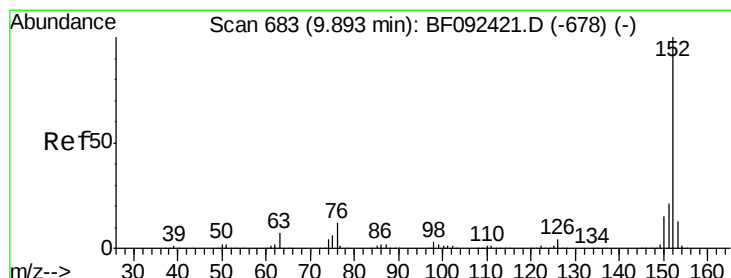
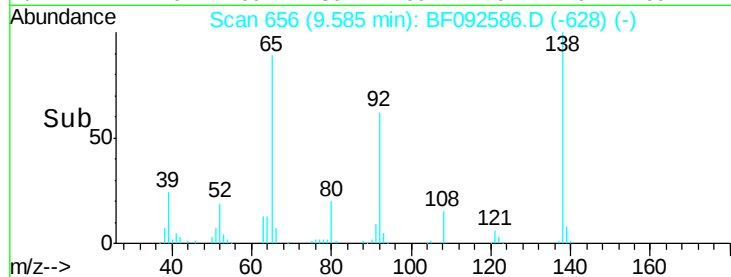
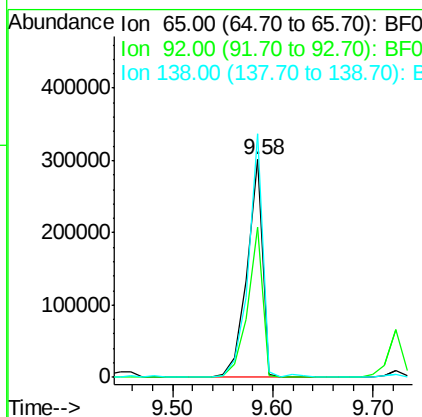
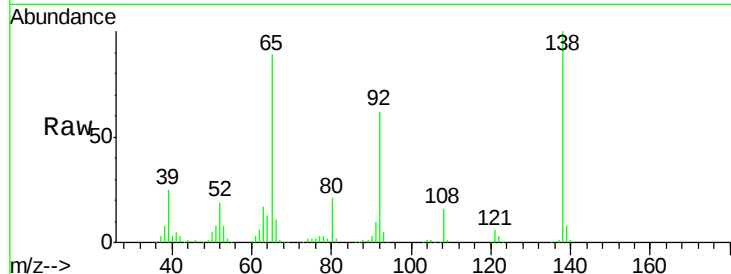




#47
 2-Nitroaniline
 Concen: 42.86 ng
 RT: 9.58 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

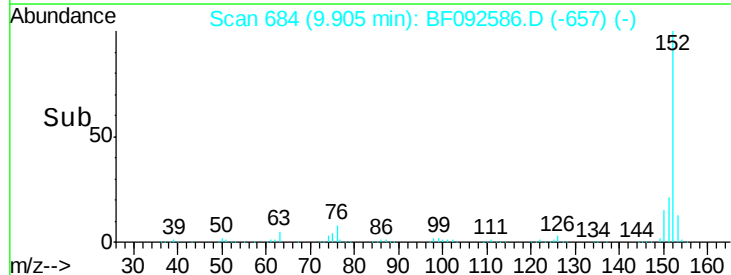
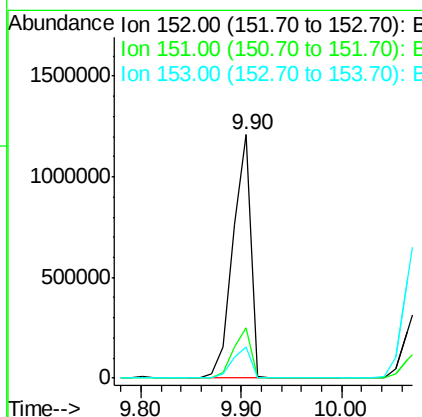
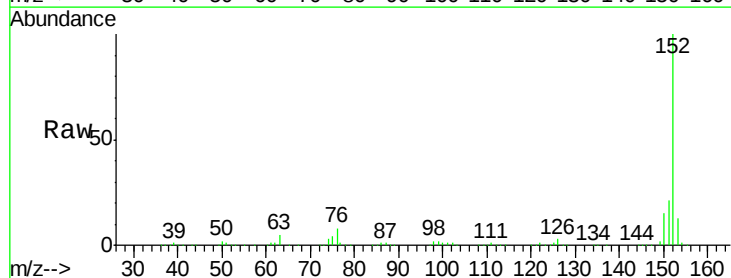
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

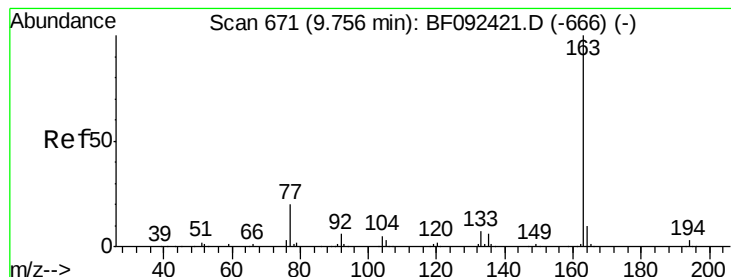
Tgt Ion: 65 Resp: 324725
 Ion Ratio Lower Upper
 65 100
 92 69.0 53.9 80.9
 138 111.8 76.8 115.2



#48
 Acenaphthylene
 Concen: 45.08 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion: 152 Resp: 1487384
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.9 25.3
 153 13.0 11.4 17.2





#49

Dimethylphthalate

Concen: 43.55 ng

RT: 9.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

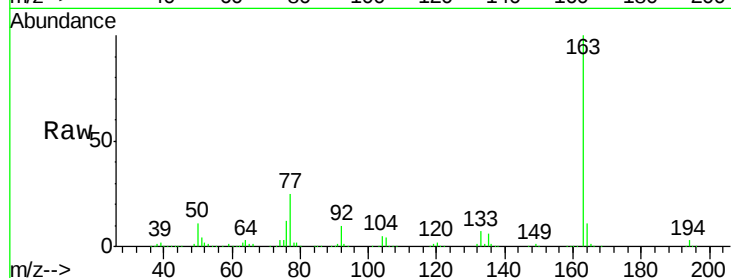
Tgt Ion:163 Resp: 1055158

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

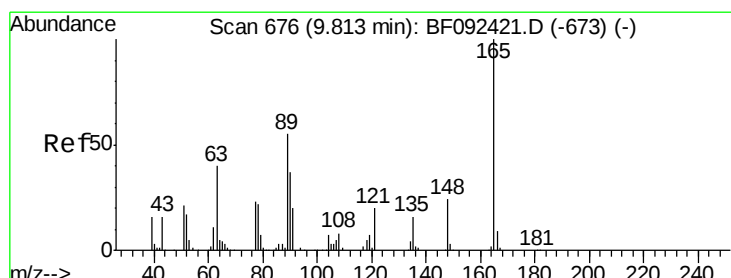
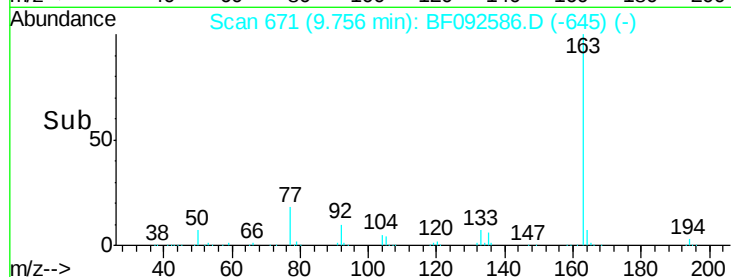
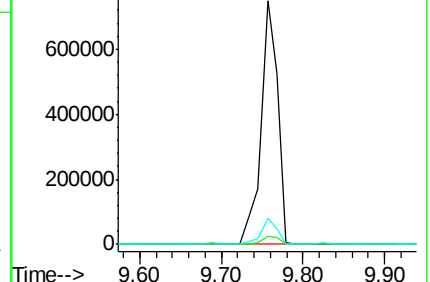
164 10.6 8.0 12.0



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: 51.31 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

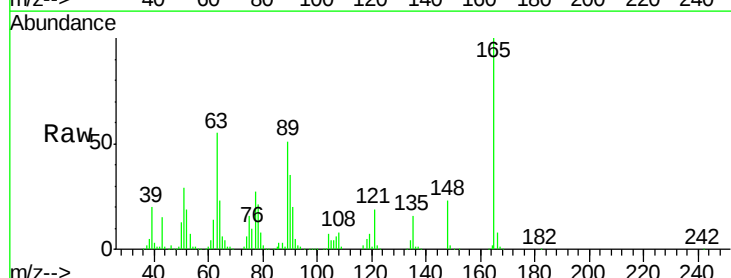
Tgt Ion:165 Resp: 254142

Ion Ratio Lower Upper

165 100

63 55.1 36.2 54.4#

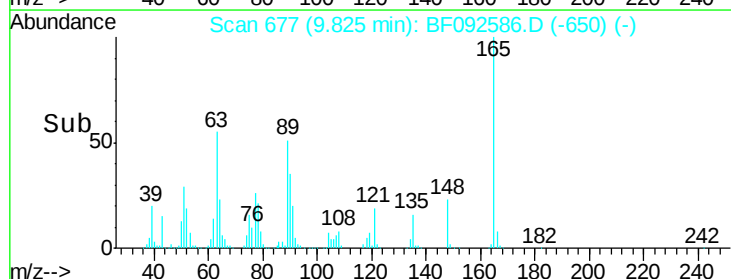
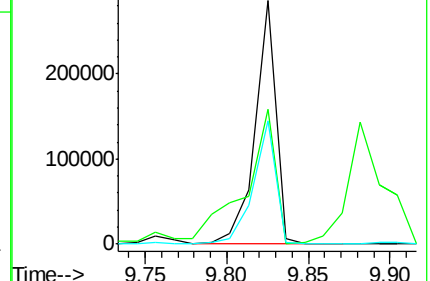
89 50.8 40.2 60.4

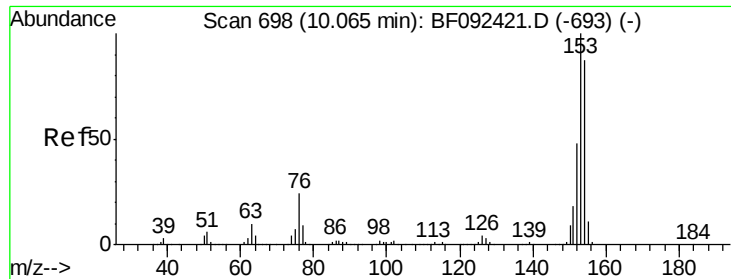


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.21 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

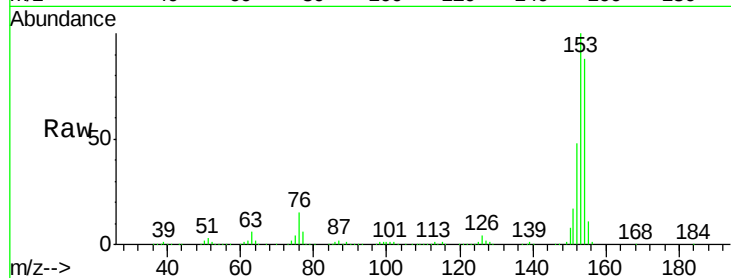
Tgt Ion:154 Resp: 968092

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

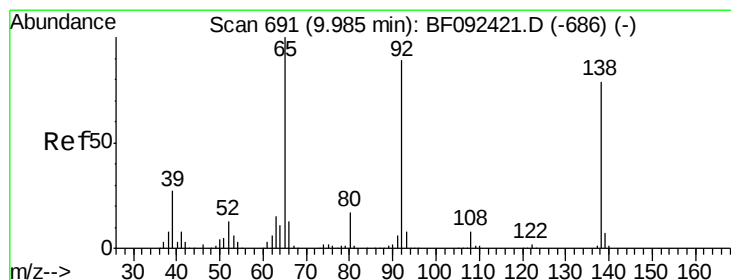
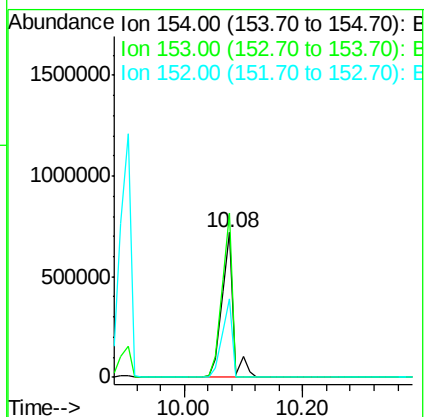
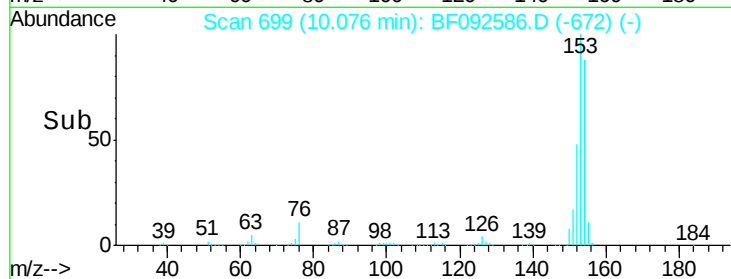
152 54.4 41.6 62.4



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: 12.56 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

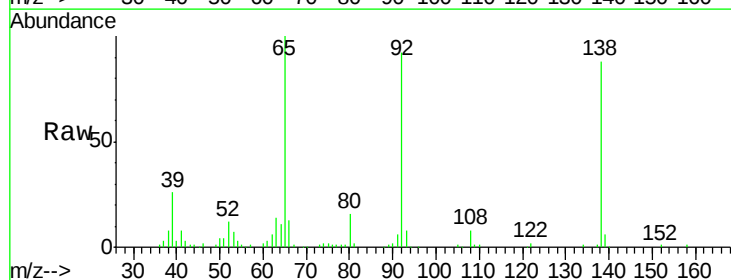
Tgt Ion:138 Resp: 77932

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

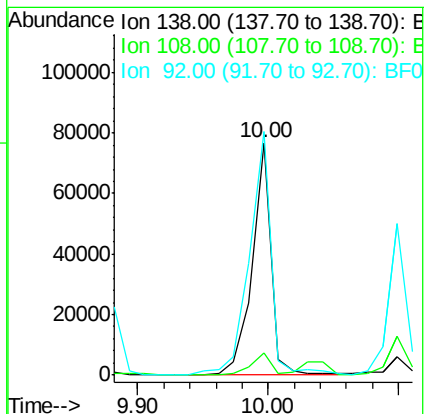
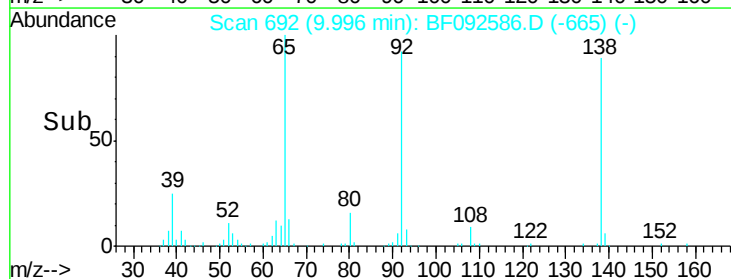
92 104.7 97.8 146.8

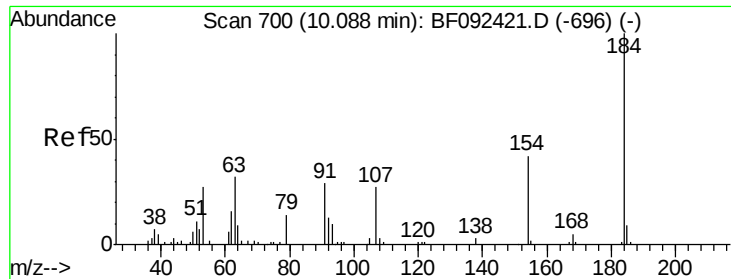


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

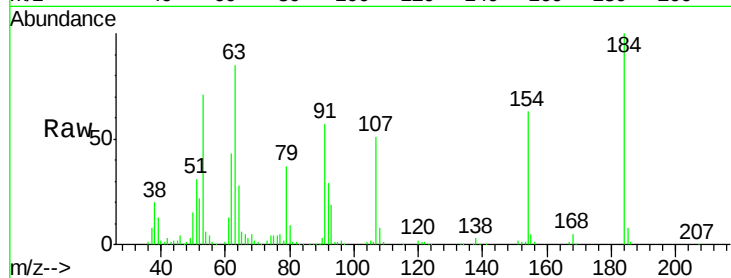




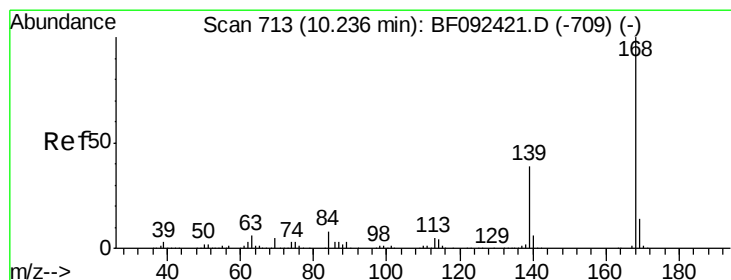
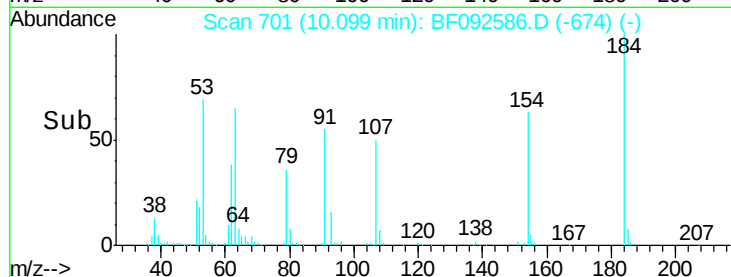
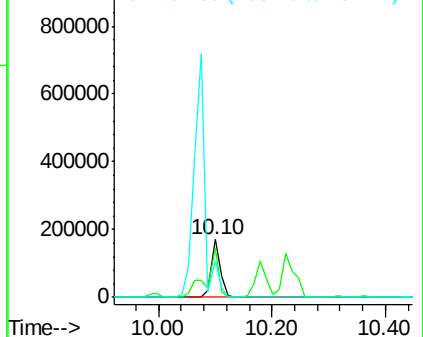
#53
2,4-Dinitrophenol
Concen: 64.72 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96416BS

Tgt Ion:184 Resp: 186938
Ion Ratio Lower Upper
184 100
63 84.9 28.4 42.6#
154 62.9 44.3 66.5

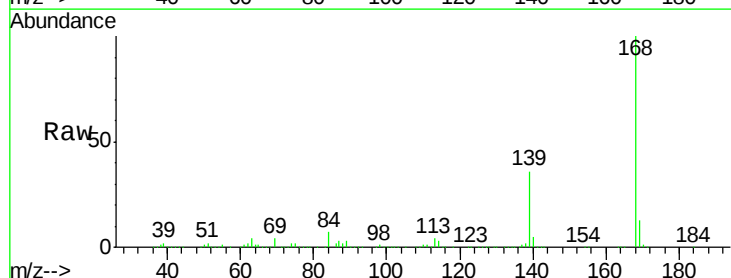


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

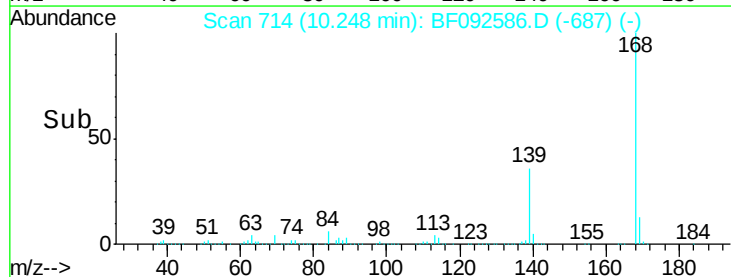
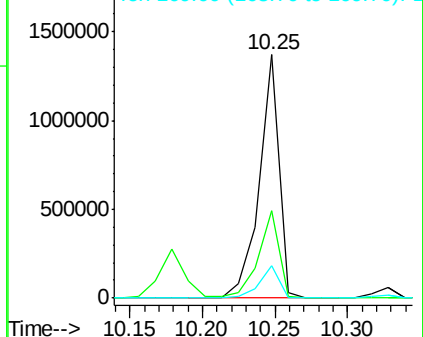


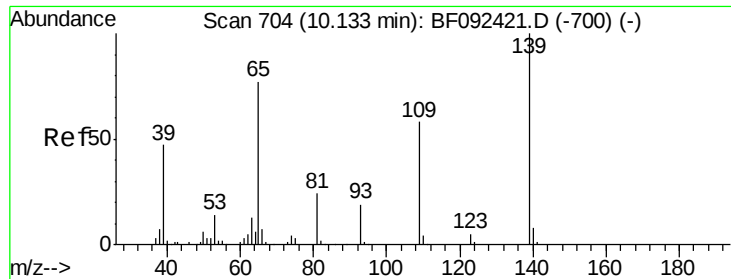
#54
Dibenzofuran
Concen: 46.51 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:168 Resp: 1294803
Ion Ratio Lower Upper
168 100
139 35.8 32.6 49.0
169 13.4 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

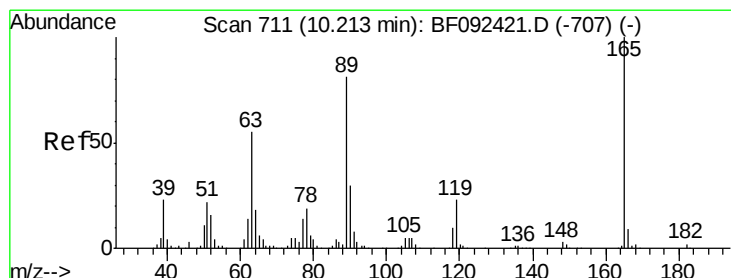
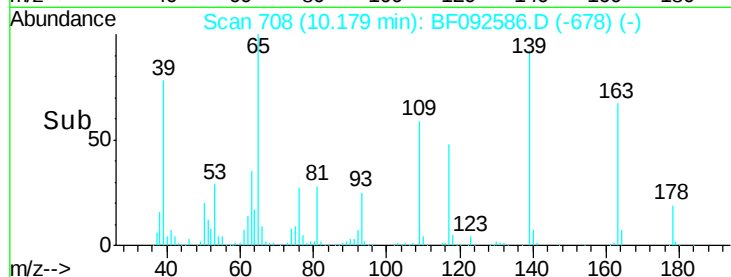
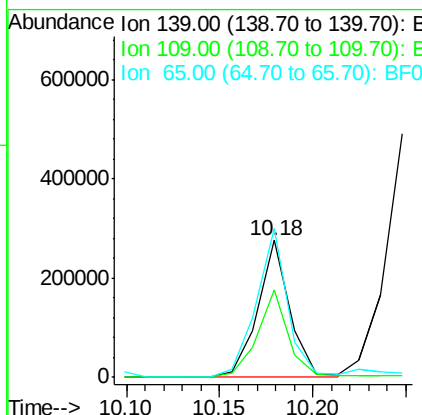
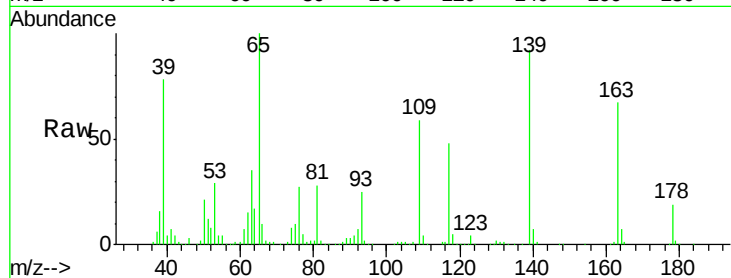




#55
4-Nitrophenol
Concen: 68.20 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.05 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

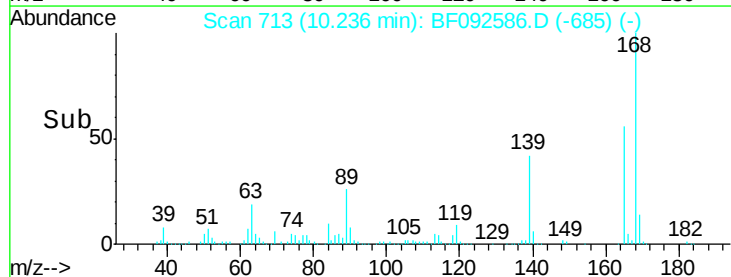
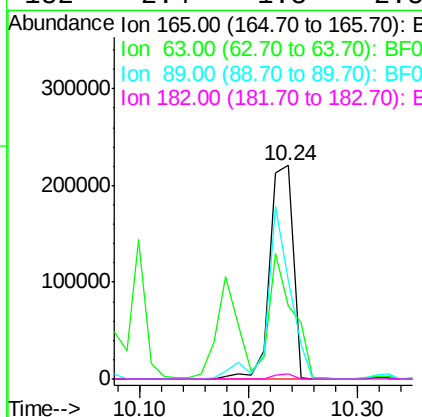
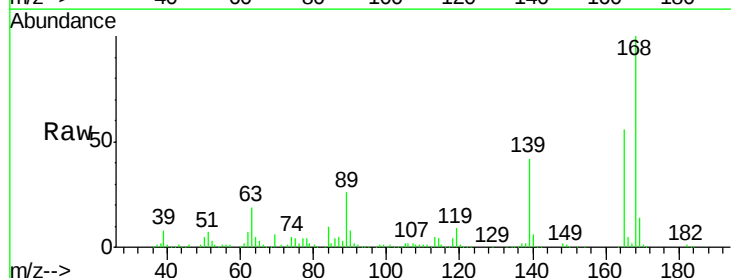
Instrument :
BNA_F
ClientSampleId :
PB96416BS

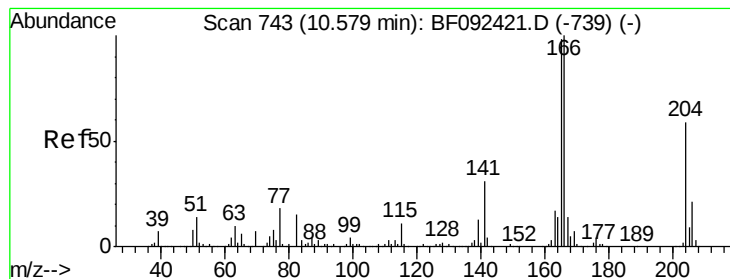
Tgt Ion:139 Resp: 335949
Ion Ratio Lower Upper
139 100
109 64.0 52.2 92.2
65 108.7 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 49.79 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.02 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:165 Resp: 327347
Ion Ratio Lower Upper
165 100
63 34.2 40.2 60.4#
89 46.0 62.5 93.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 46.28 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

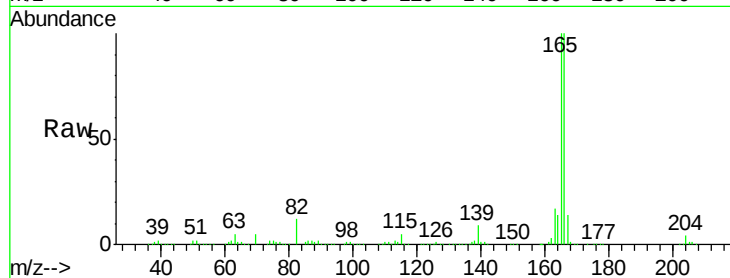
Tgt Ion:166 Resp: 955438

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

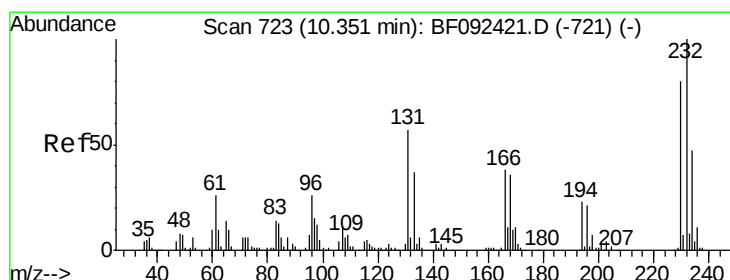
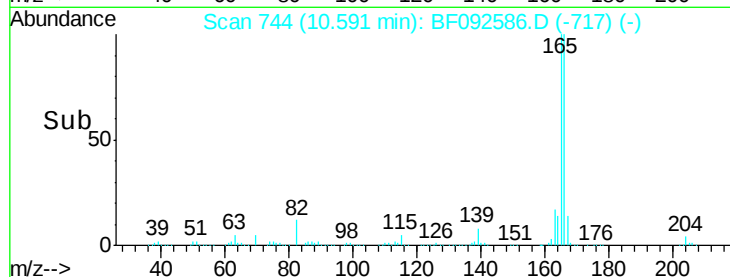
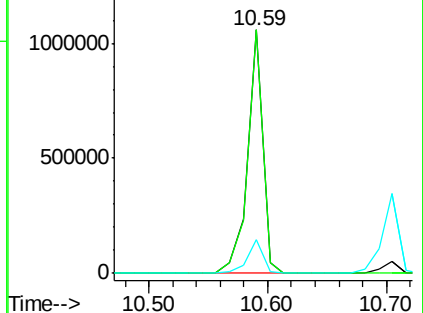
167 13.8 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.11 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.02 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Tgt Ion:232 Resp: 247949

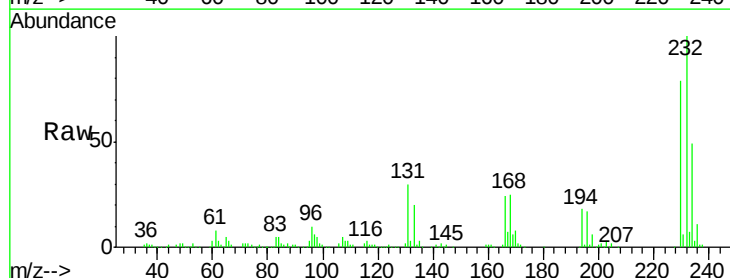
Ion Ratio Lower Upper

232 100

131 46.9 40.1 60.1

130 2.4 1.8 2.8

166 31.9 26.6 39.8

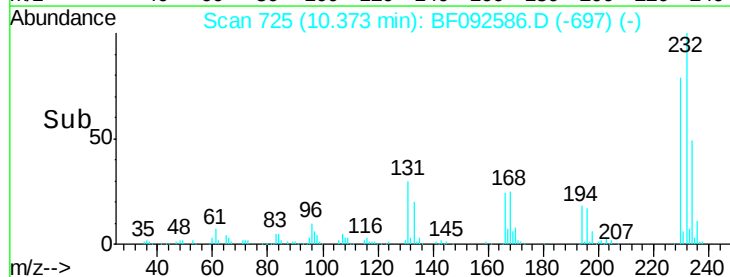
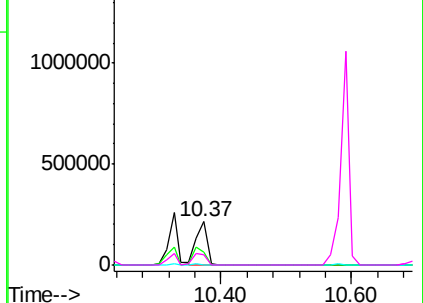


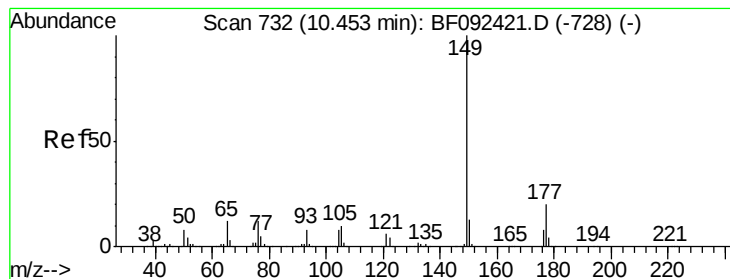
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.73 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampled :

PB96416BS

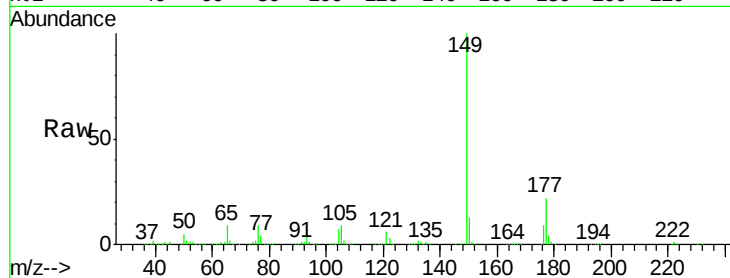
Tgt Ion:149 Resp: 1062569

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

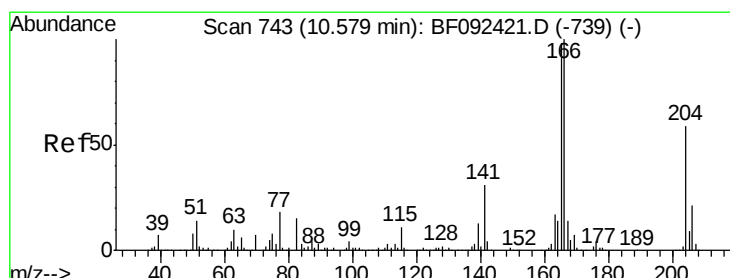
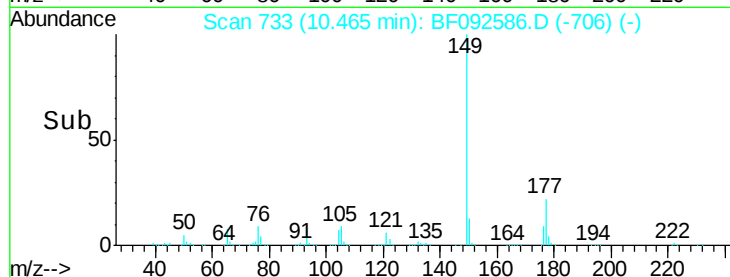
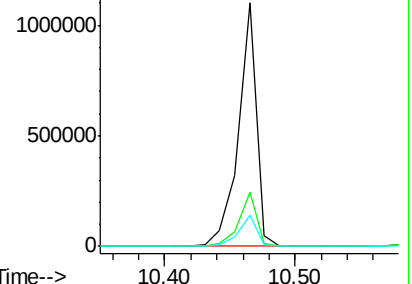
150 12.6 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.71 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

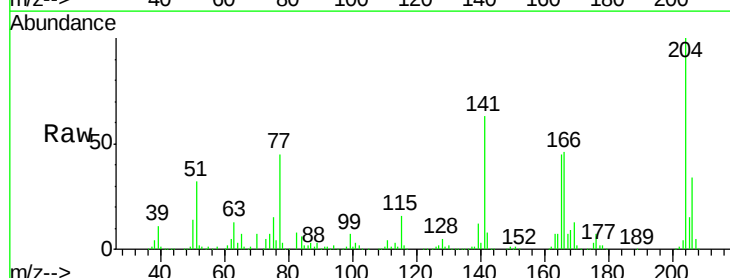
Tgt Ion:204 Resp: 437664

Ion Ratio Lower Upper

204 100

206 34.0 25.8 38.6

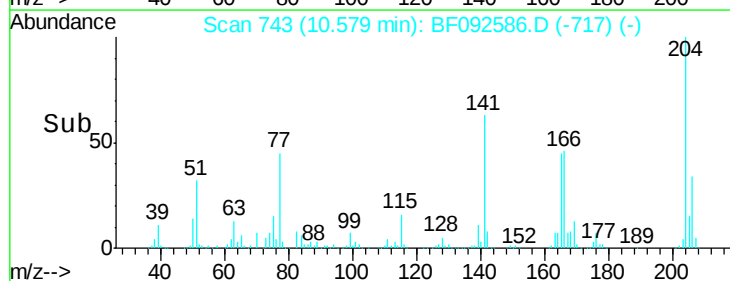
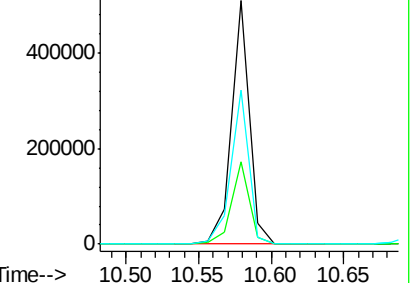
141 63.2 59.4 89.0

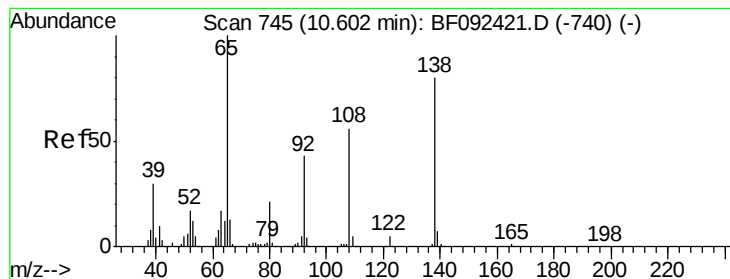


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.14 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

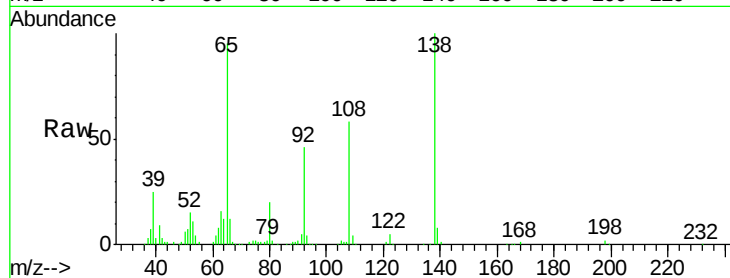
Tgt Ion:138 Resp: 286239

Ion Ratio Lower Upper

138 100

92 46.2 31.7 71.7

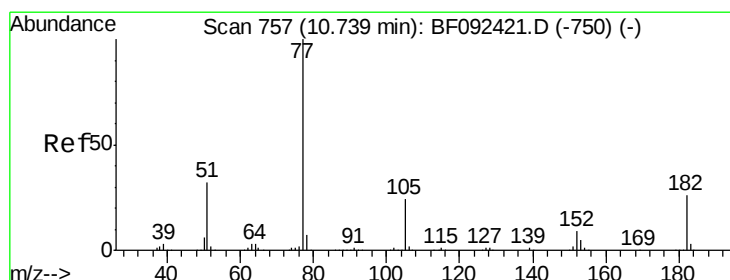
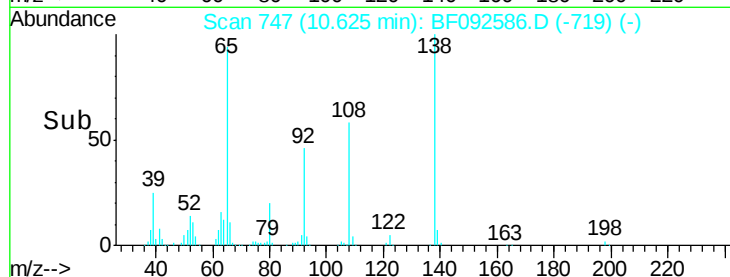
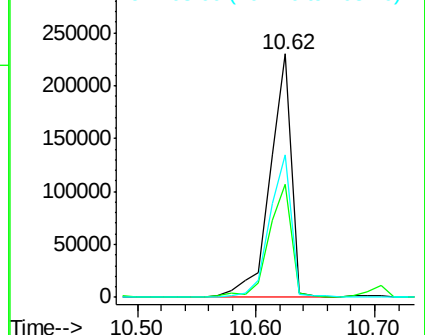
108 58.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.52 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Tgt Ion: 77 Resp: 1124205

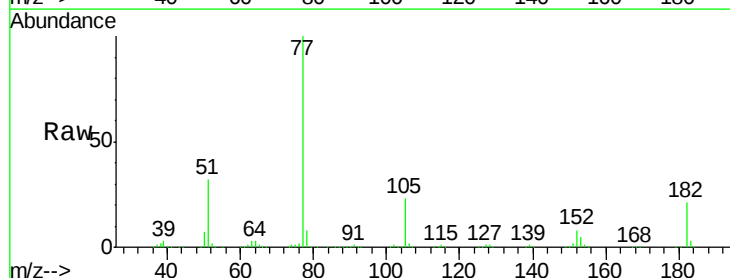
Ion Ratio Lower Upper

77 100

182 20.9 0.0 39.3

105 23.0 2.3 42.3

51 32.2 8.9 48.9

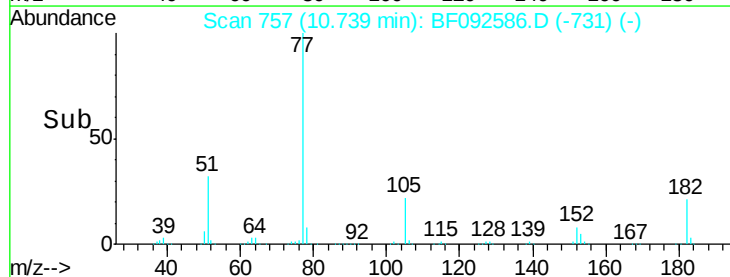
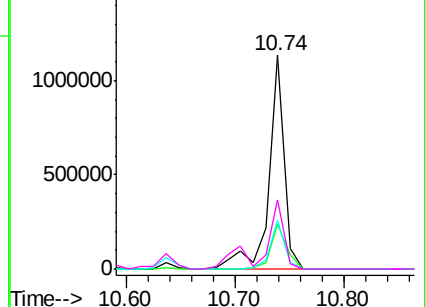


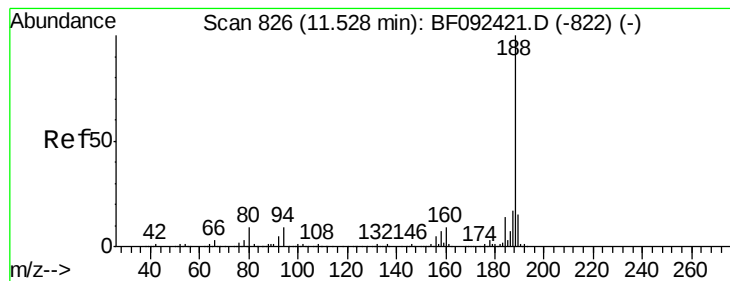
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

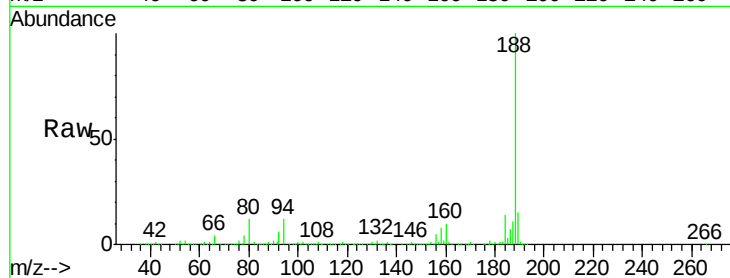
Tgt Ion:188 Resp: 626526

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

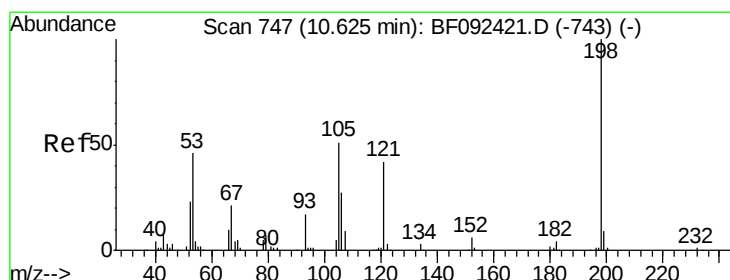
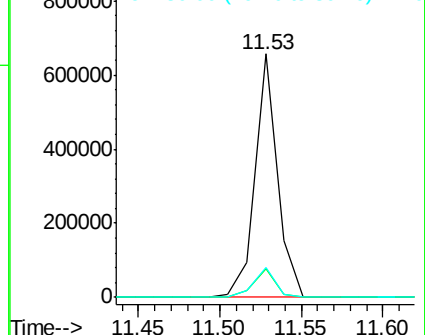
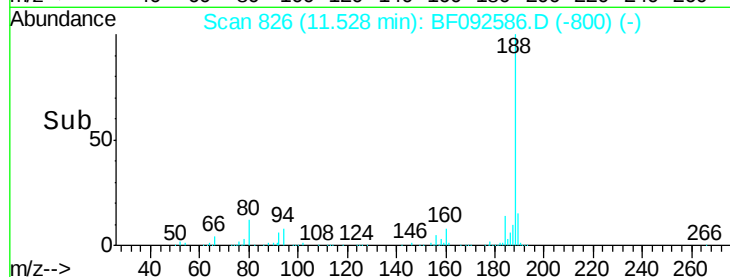
80 12.4 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.25 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.02 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

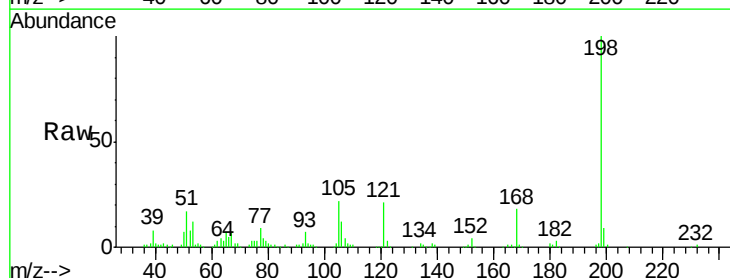
Tgt Ion:198 Resp: 144188

Ion Ratio Lower Upper

198 100

51 17.1 6.7 46.7

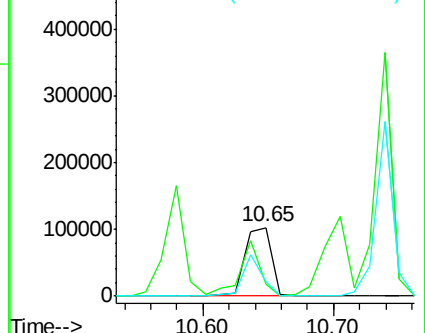
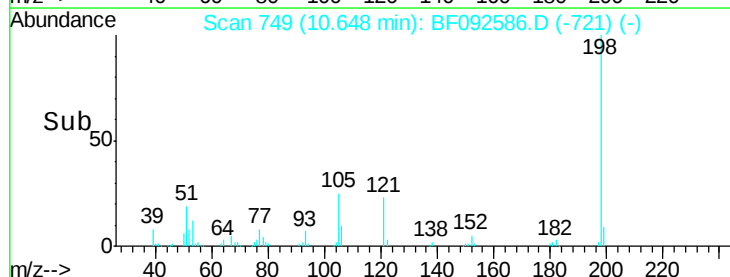
105 21.7 16.6 56.6

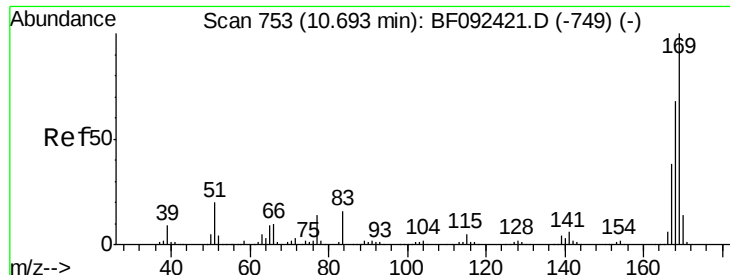


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

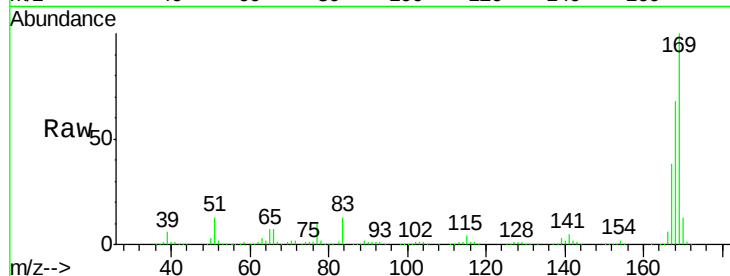




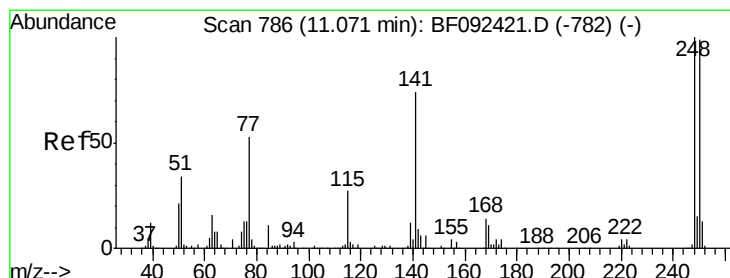
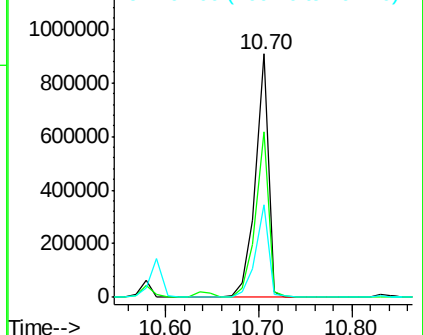
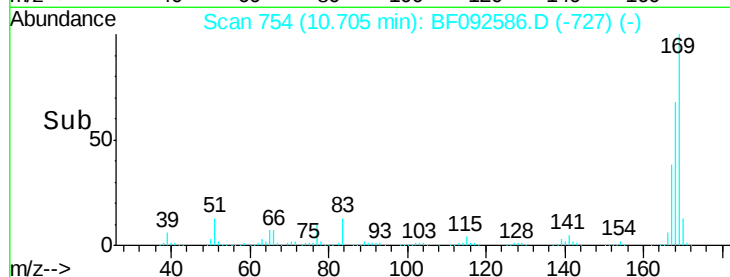
#65
 n-Nitrosodiphenylamine
 Concen: 45.00 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Tgt Ion:169 Resp: 880542
 Ion Ratio Lower Upper
 169 100
 168 68.1 54.2 81.2
 167 37.9 30.2 45.4

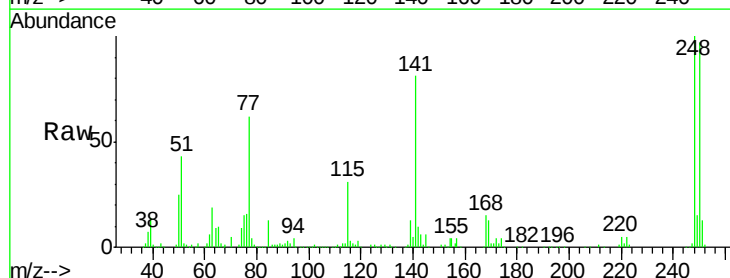


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

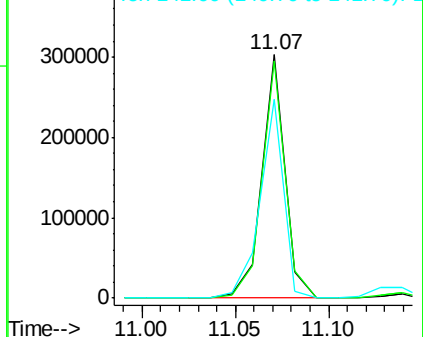
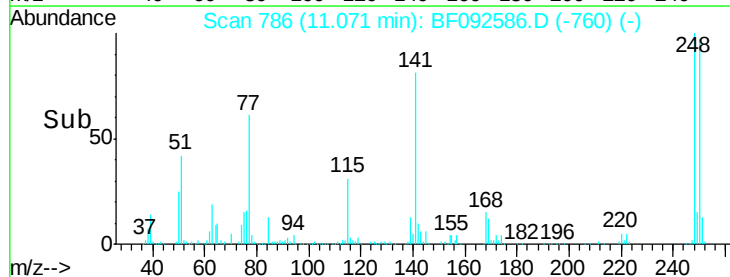


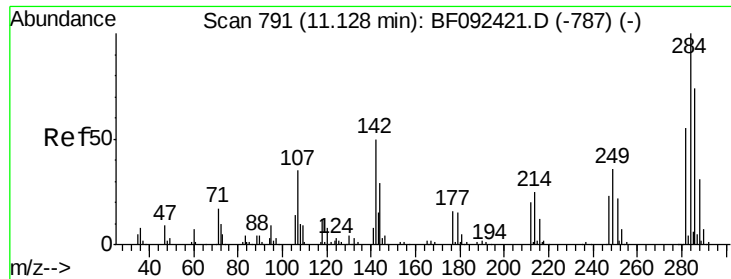
#66
 4-Bromophenyl-phenylether
 Concen: 41.60 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:248 Resp: 263182
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.9 115.3
 141 81.5 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

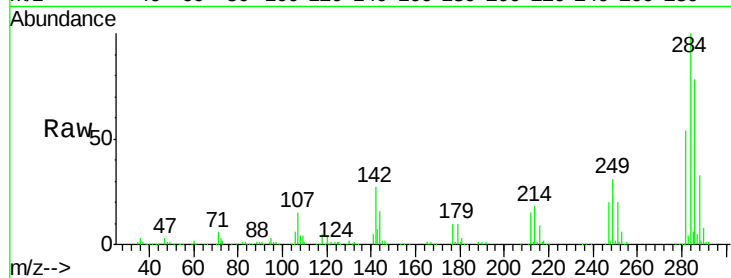




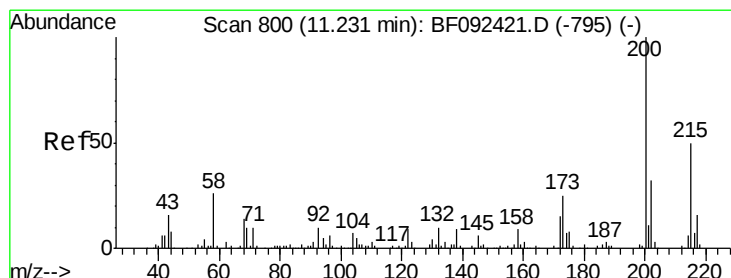
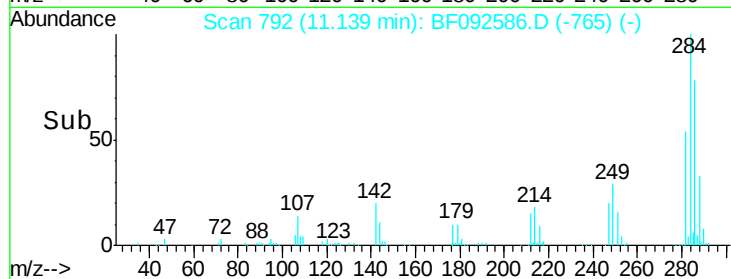
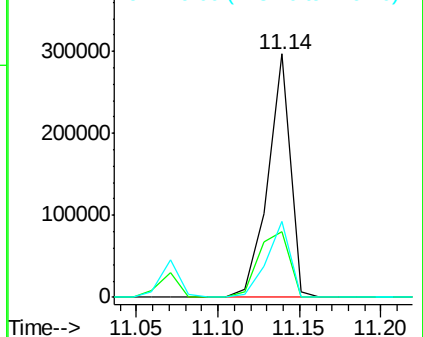
#67
Hexachlorobenzene
Concen: 44.61 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB96416BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	22.6	33.8
249	31.2	25.4	38.0

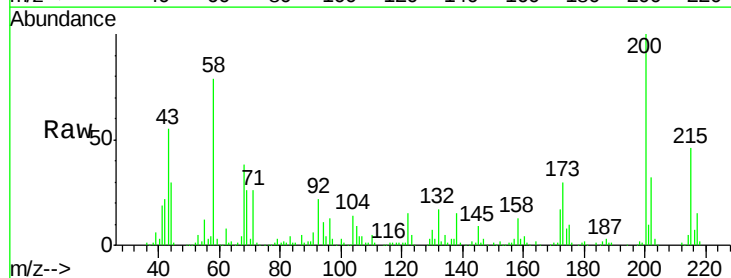


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

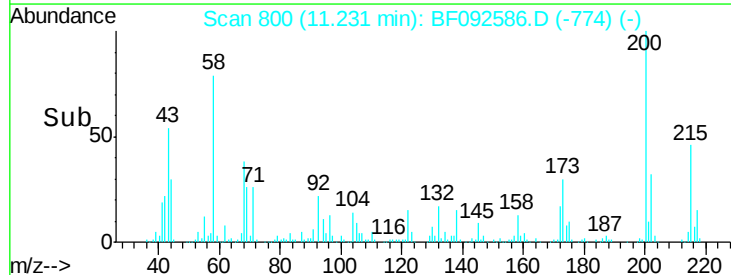
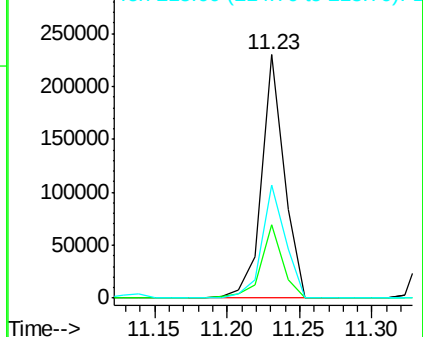


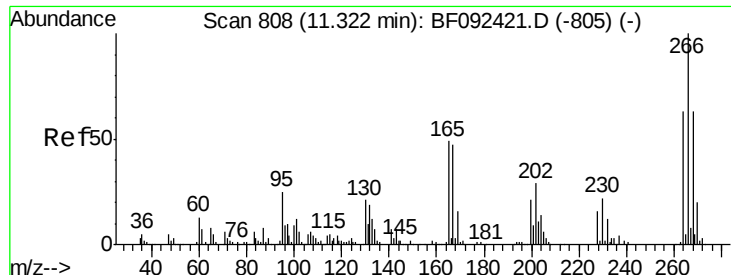
#68
Atrazine
Concen: 37.14 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.9	9.6	49.6
215	46.2	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

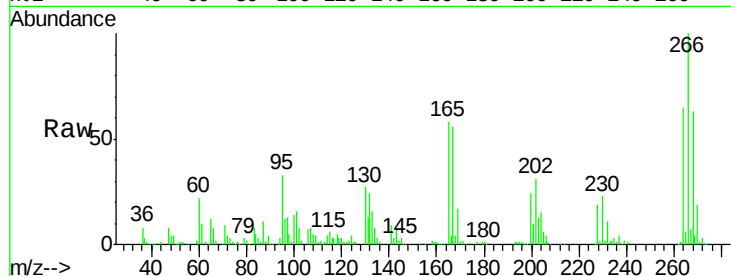




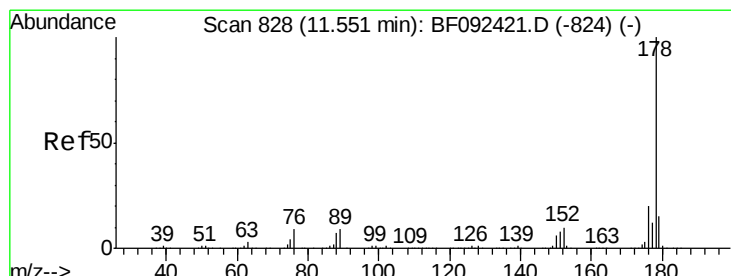
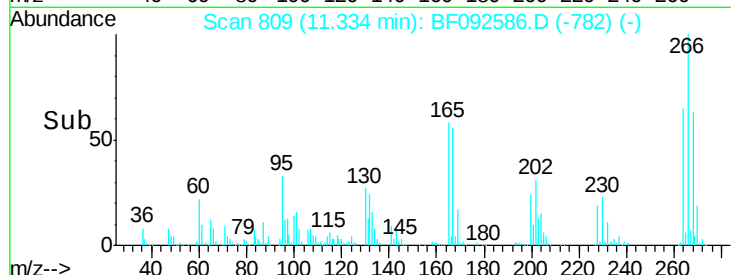
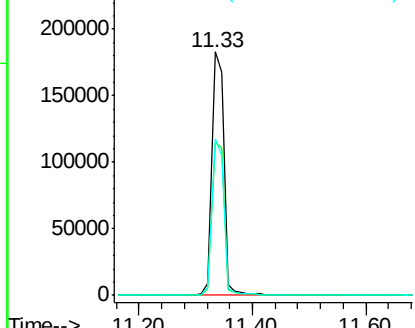
#69
 Pentachlorophenol
 Concen: 64.27 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Tgt Ion:266 Resp: 262760
 Ion Ratio Lower Upper
 266 100
 268 62.9 53.3 79.9
 264 64.5 50.3 75.5

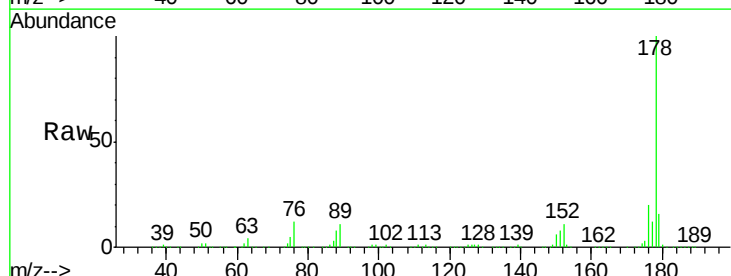


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

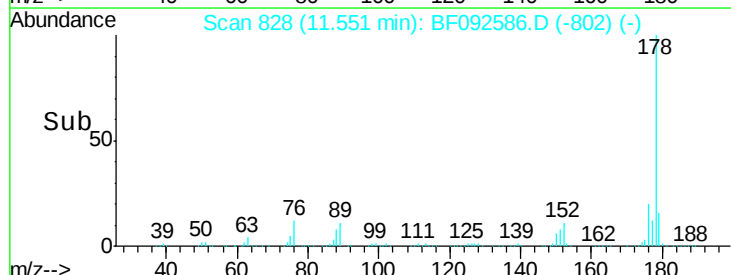
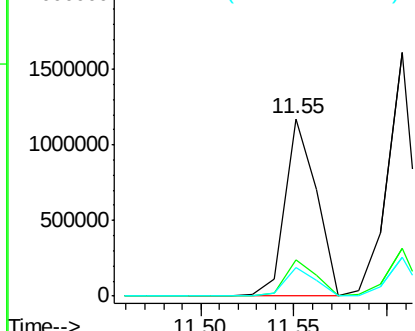


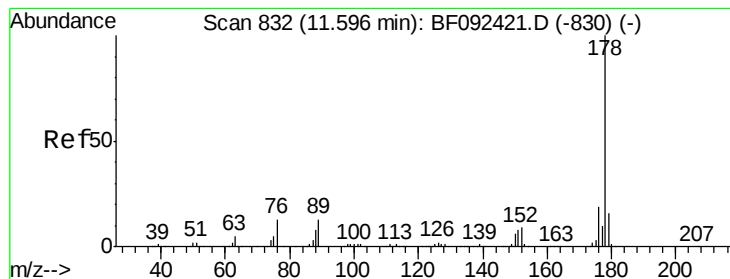
#70
 Phenanthrene
 Concen: 40.07 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion:178 Resp: 1382668
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.9 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: 43.77 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

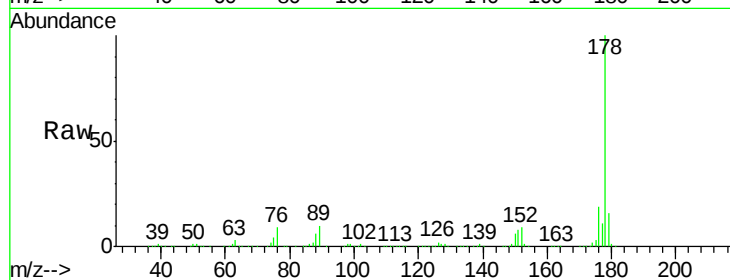
Tgt Ion:178 Resp: 1475802

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

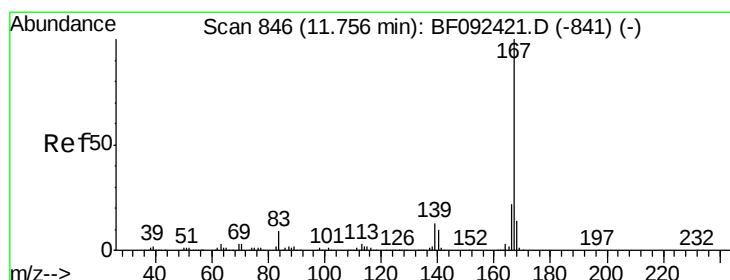
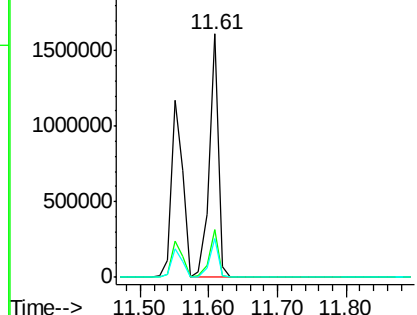
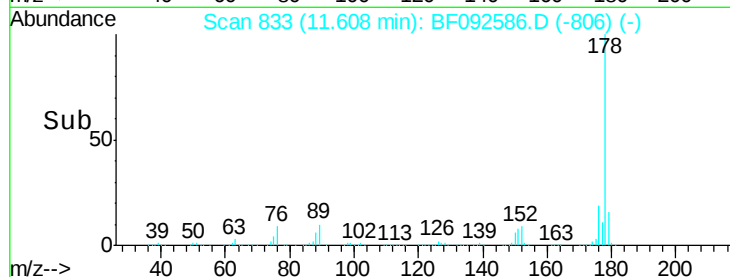
179 16.1 13.2 19.8



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: 43.13 ng

RT: 11.77 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

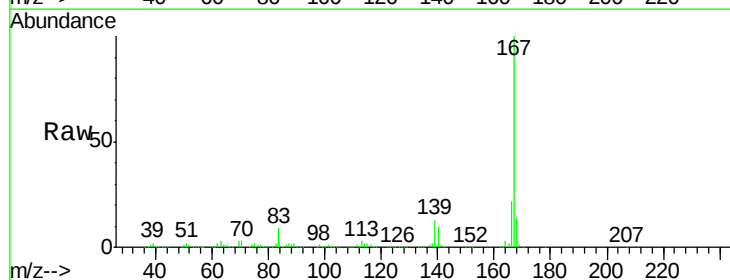
Tgt Ion:167 Resp: 1388604

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

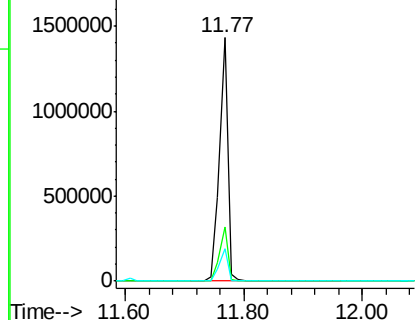
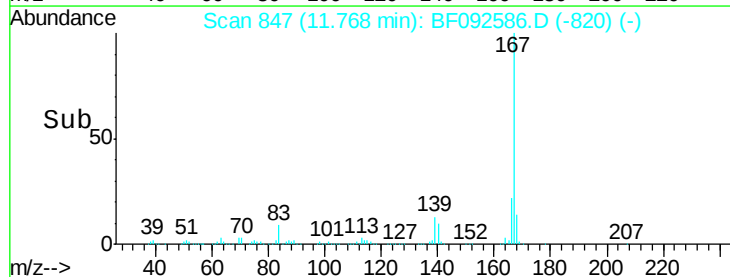
139 13.2 11.4 17.2

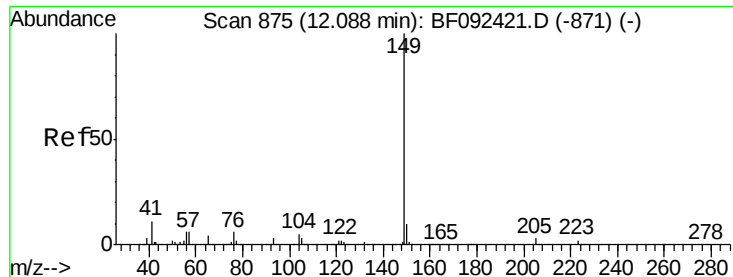


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.32 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

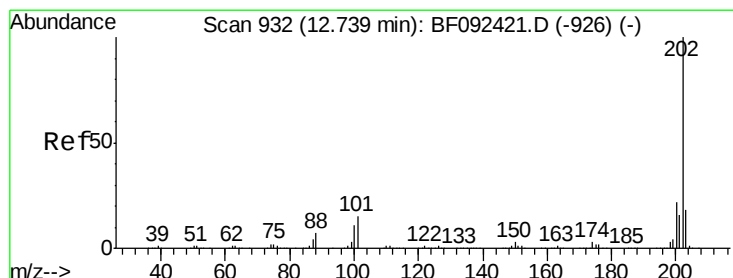
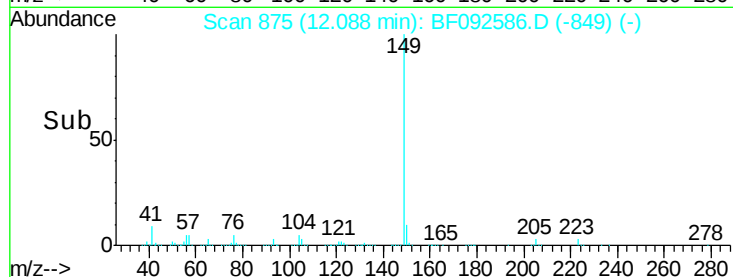
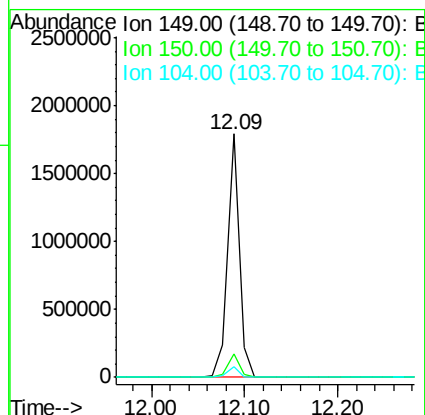
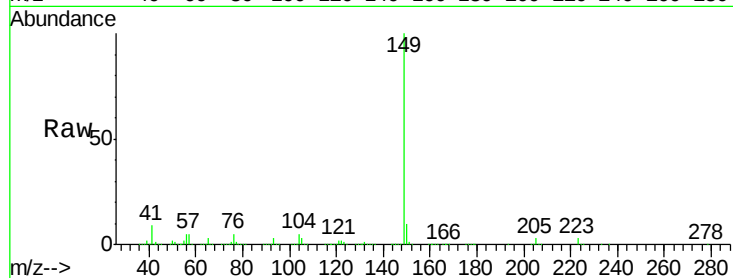
Tgt Ion:149 Resp: 1558045

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 4.6 4.6 7.0#



#74

Fluoranthene

Concen: 44.05 ng

RT: 12.75 min Scan# 933

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

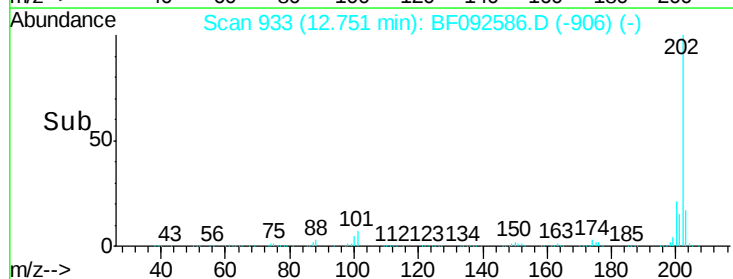
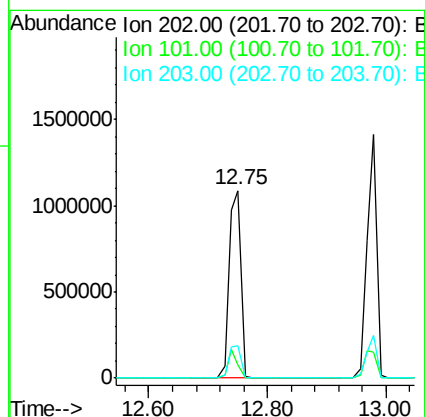
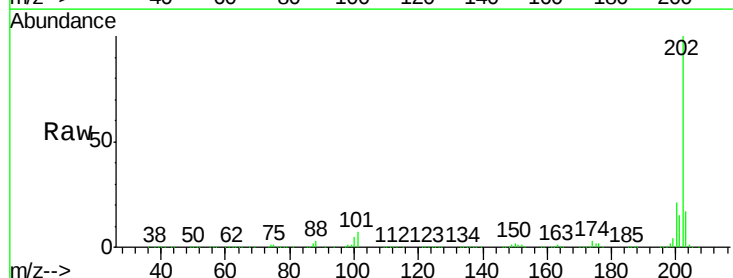
Tgt Ion:202 Resp: 1486469

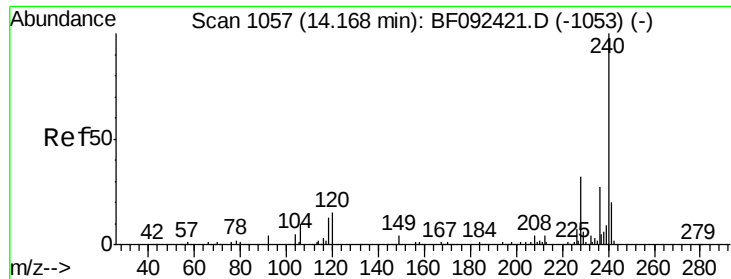
Ion Ratio Lower Upper

202 100

101 7.0 0.0 34.6

203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

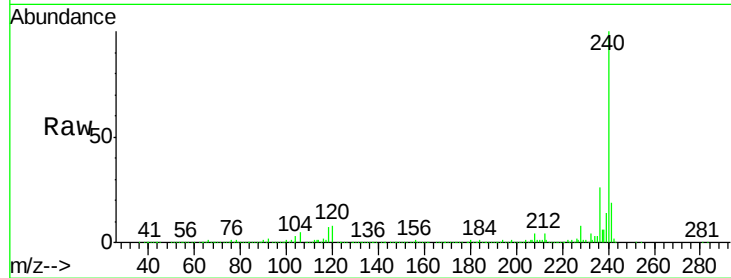
Tgt Ion:240 Resp: 503504

Ion Ratio Lower Upper

240 100

120 7.7 12.9 19.3#

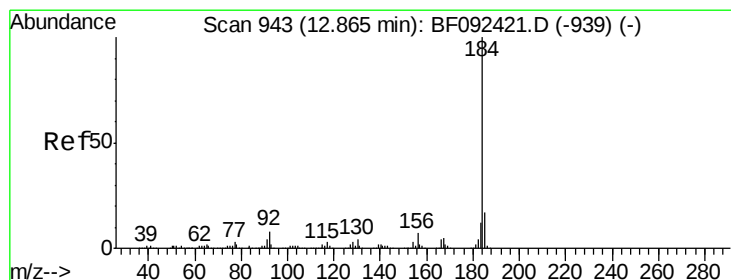
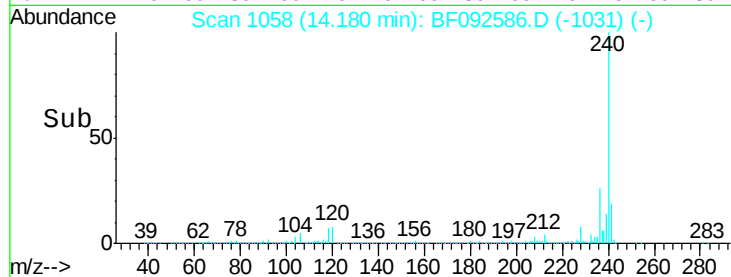
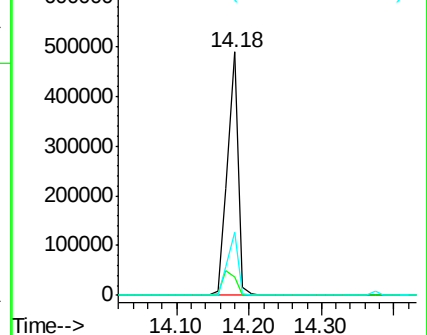
236 26.2 20.9 31.3



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: 20.36 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

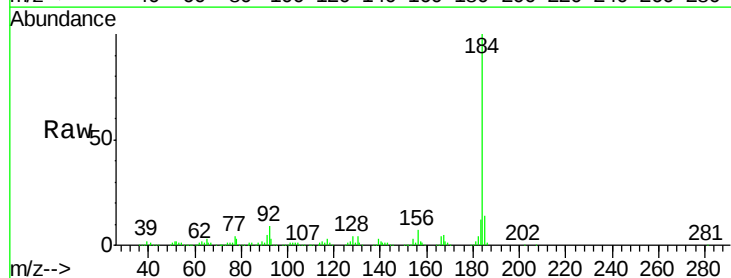
Tgt Ion:184 Resp: 380601

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.0

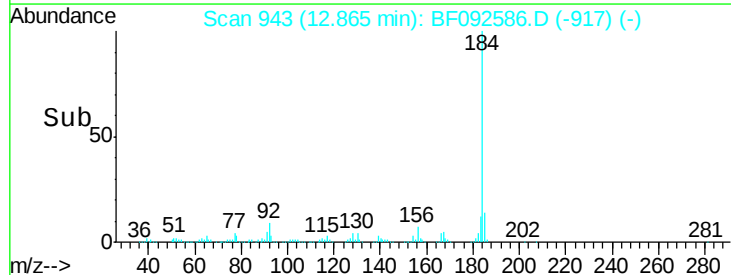
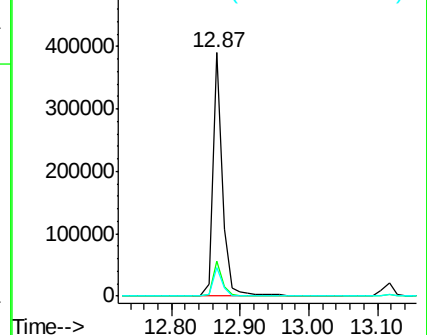
183 11.5 9.2 13.8

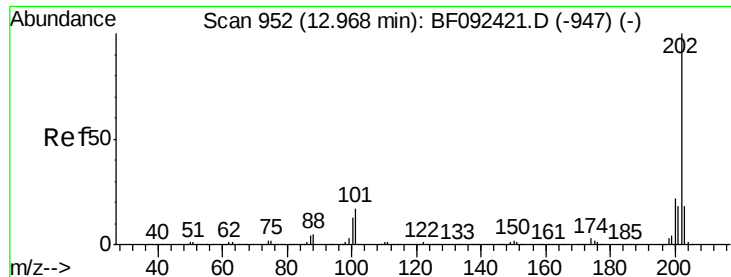


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



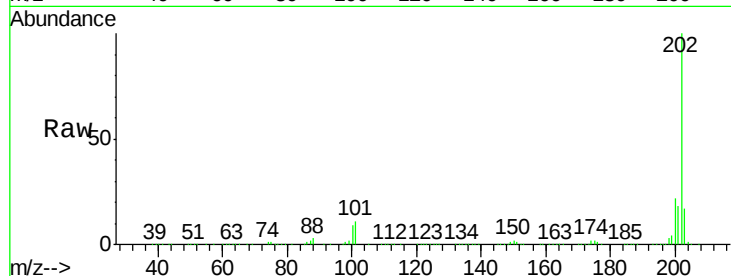


#77
 Pyrene
 Concen: 43.25 ng
 RT: 12.98 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

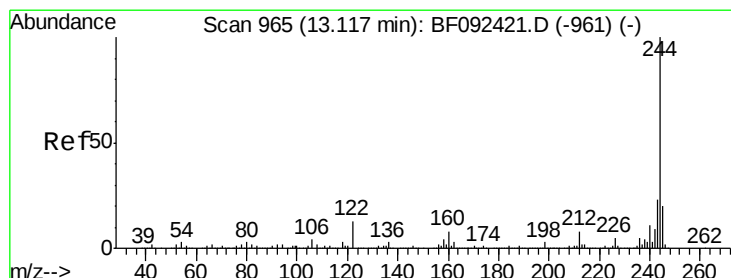
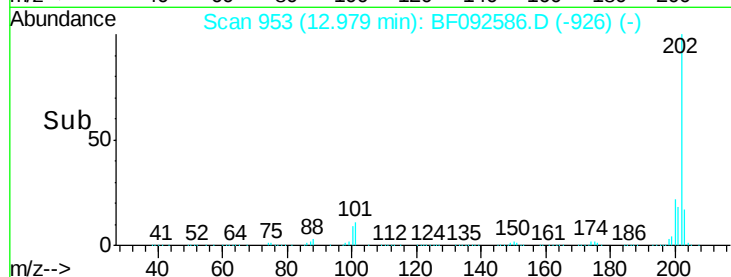
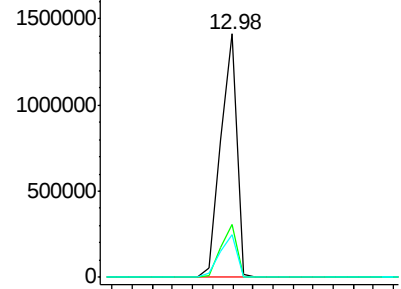
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

Tgt Ion: 202 Resp: 1577979

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.4	14.7	22.1



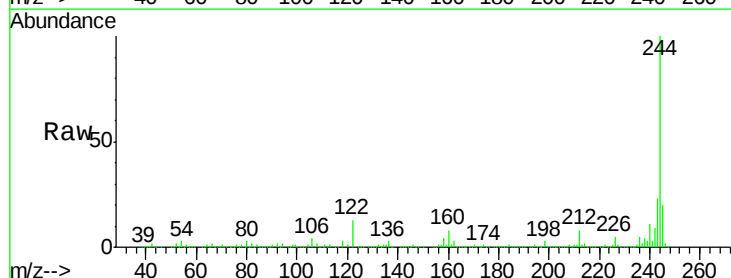
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



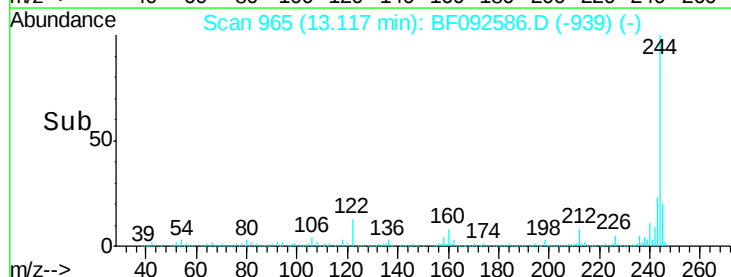
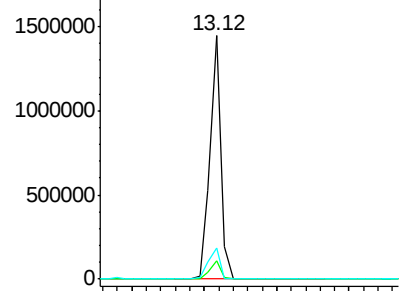
#78
 Terphenyl-d14
 Concen: 80.08 ng
 RT: 13.12 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

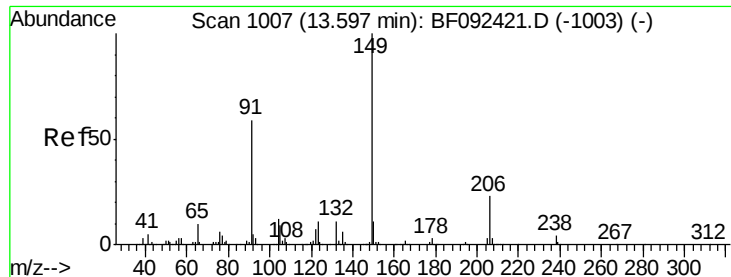
Tgt Ion: 244 Resp: 1514206

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.7	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

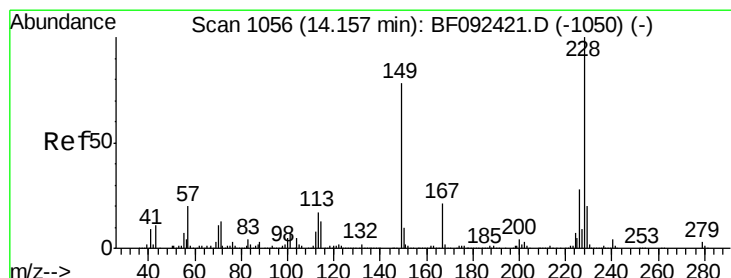
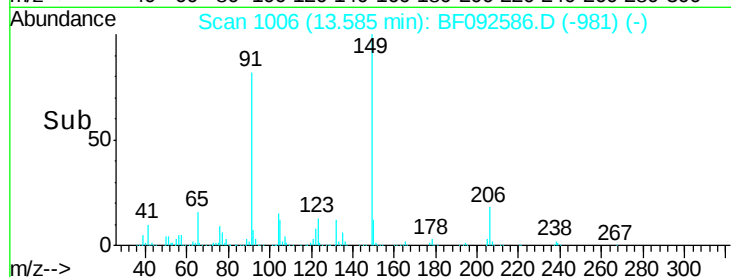
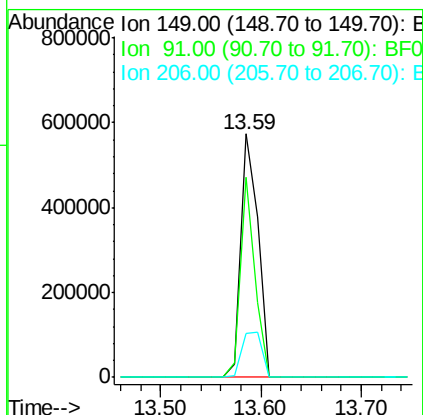
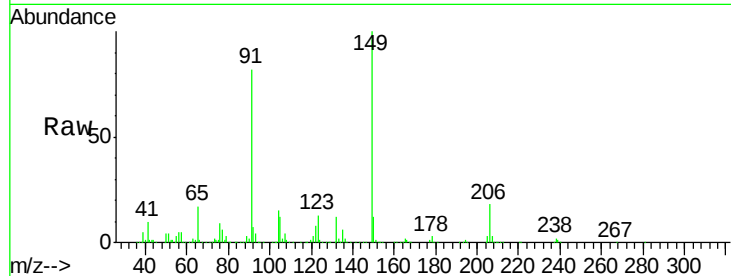




#79
Butylbenzylphthalate
Concen: 46.03 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

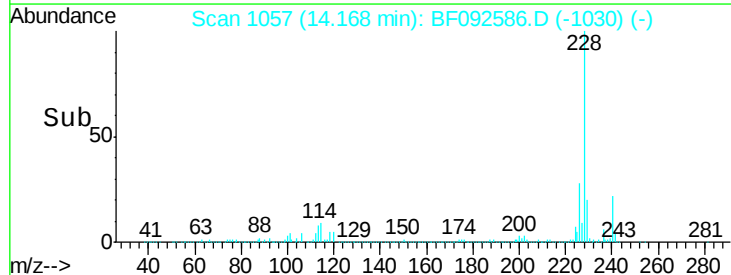
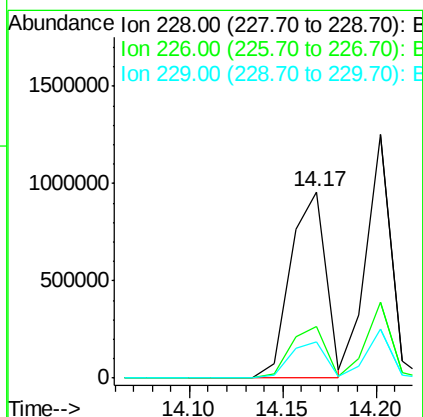
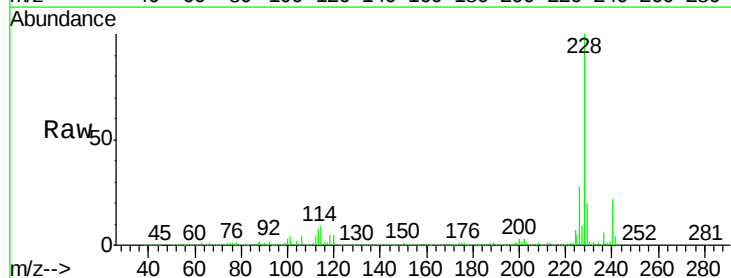
Instrument :
BNA_F
ClientSampleId :
PB96416BS

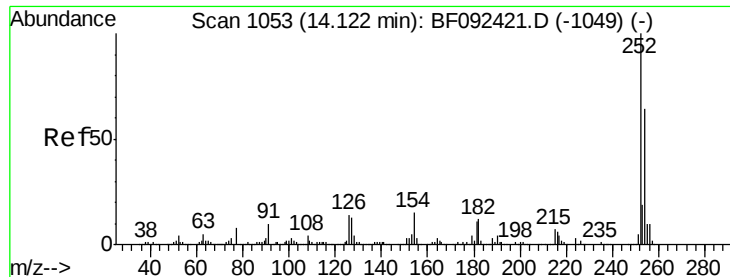
Tgt Ion:149 Resp: 680379
Ion Ratio Lower Upper
149 100
91 82.3 63.9 95.9
206 17.8 14.6 21.8



#80
Benzo(a)anthracene
Concen: 46.52 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:228 Resp: 1258919
Ion Ratio Lower Upper
228 100
226 28.0 22.4 33.6
229 19.8 16.2 24.4

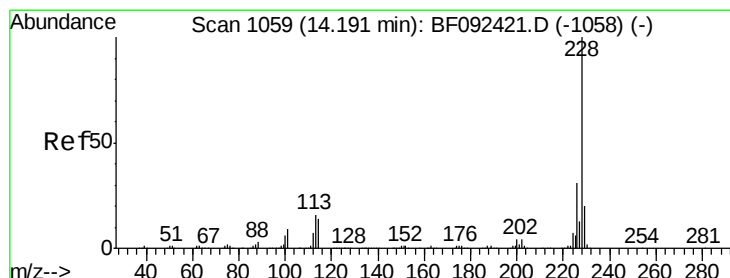
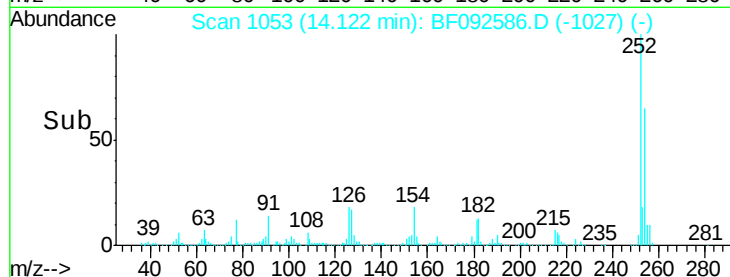
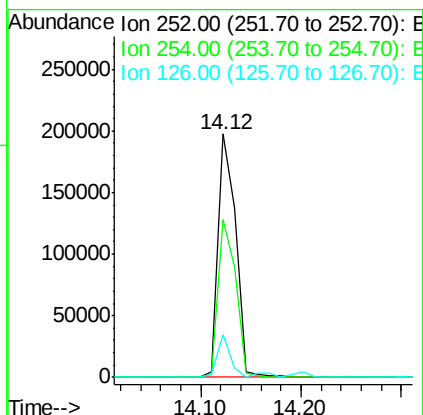
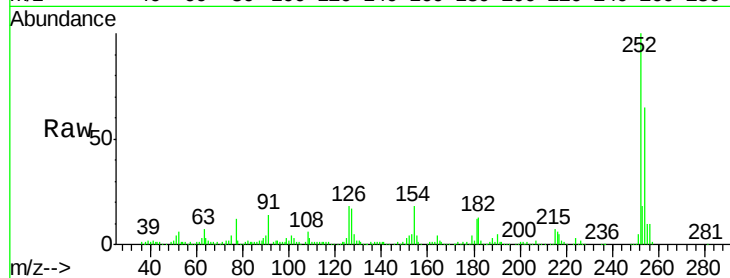




#81
 3,3'-Dichlorobenzidine
 Concen: 23.41 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

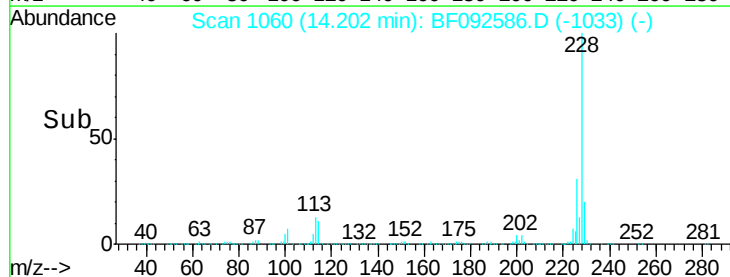
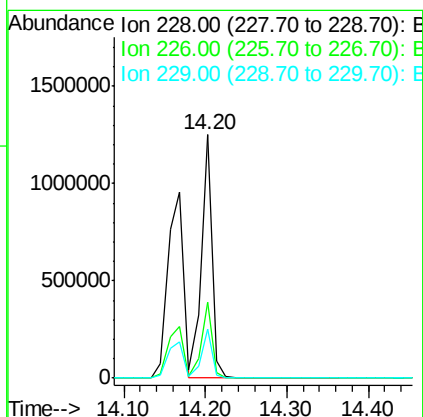
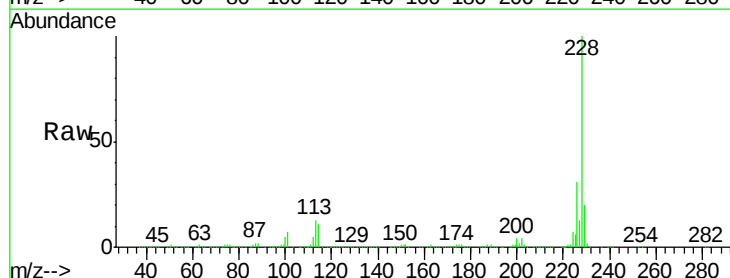
Instrument :
 BNA_F
 ClientSampleId :
 PB96416BS

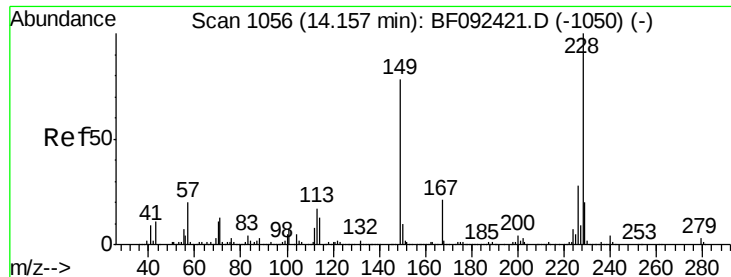
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.3	78.5
126	17.6	13.6	20.4



#82
 Chrysene
 Concen: 39.99 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF092586.D
 Acq: 27 Jan 2017 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.83 ng

RT: 14.15 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

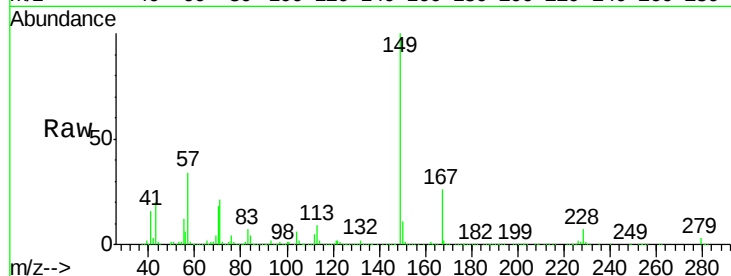
Tgt Ion:149 Resp: 908963

Ion Ratio Lower Upper

149 100

167 26.3 20.2 30.4

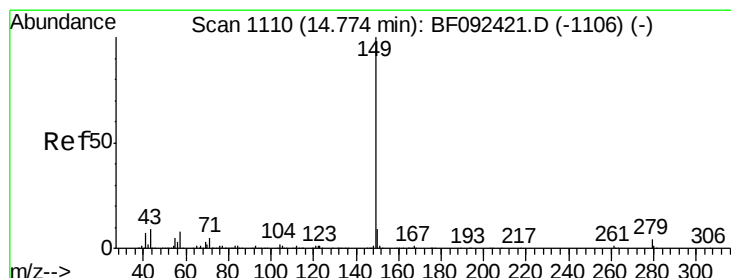
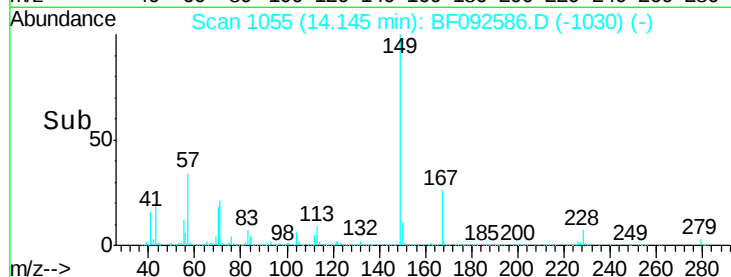
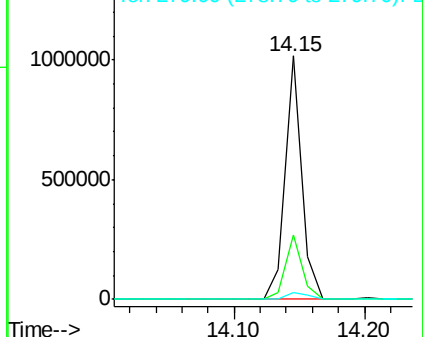
279 2.6 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.55 ng

RT: 14.76 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

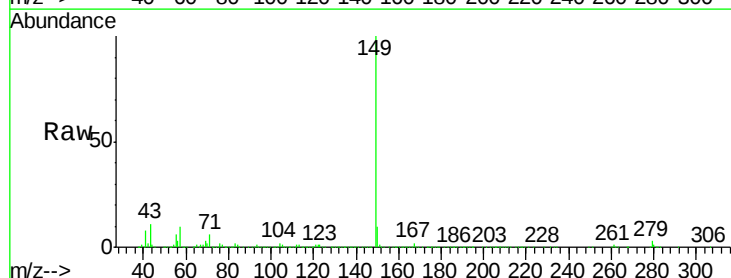
Tgt Ion:149 Resp: 1640614

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

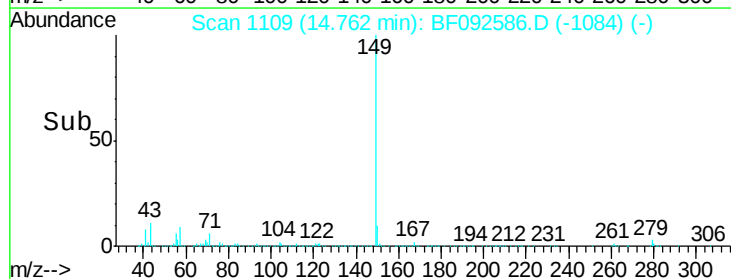
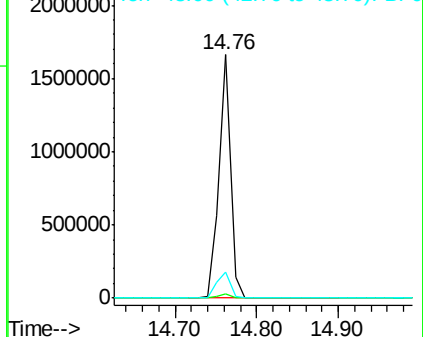
43 12.2 8.9 13.3

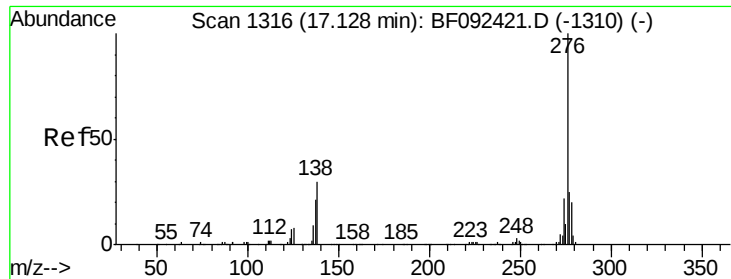


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.92 ng

RT: 17.16 min Scan# 1319

Delta R.T. 0.03 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

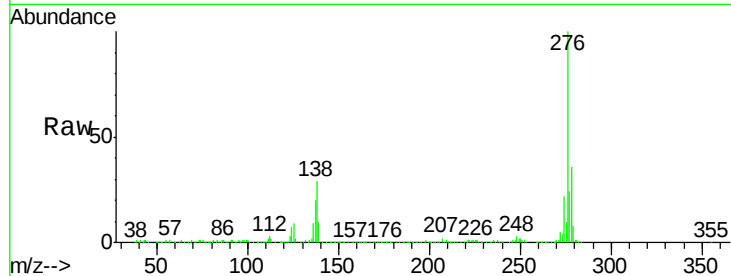
Tgt Ion:276 Resp: 981772

Ion Ratio Lower Upper

276 100

138 31.7 21.8 32.6

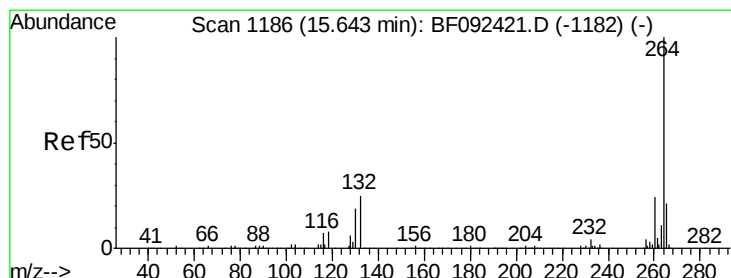
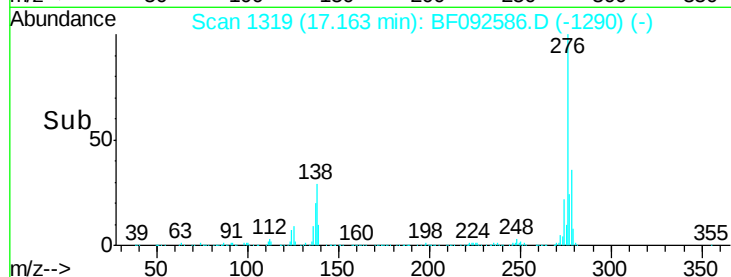
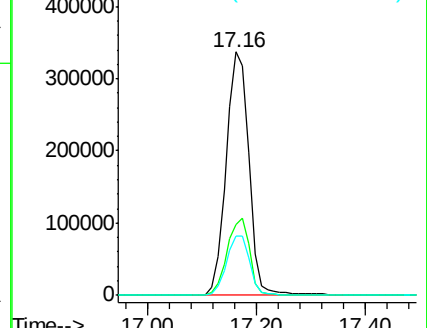
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.67 min Scan# 1188

Delta R.T. 0.02 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

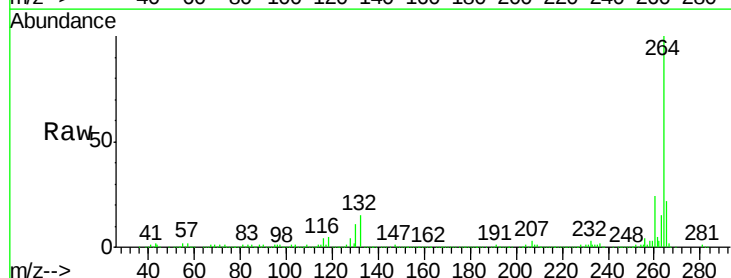
Tgt Ion:264 Resp: 424094

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

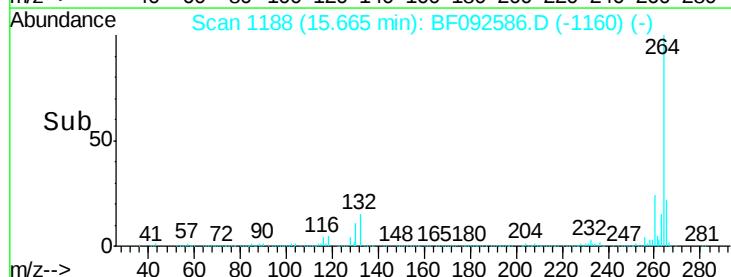
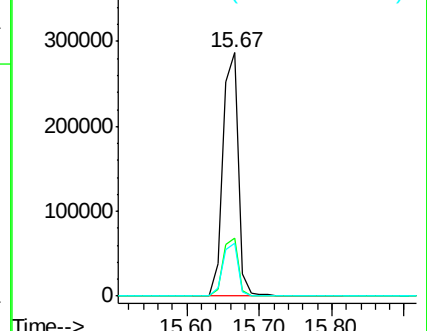
265 21.8 17.4 26.0

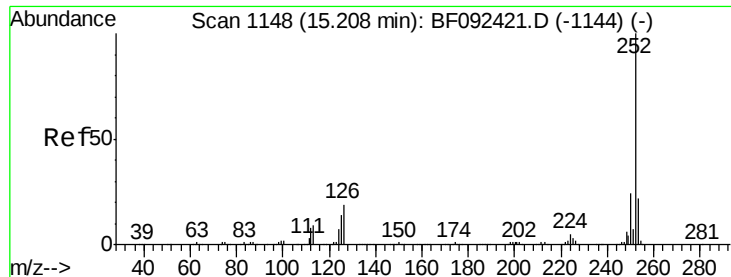


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

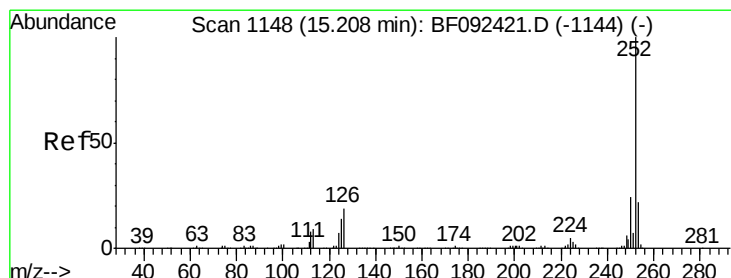
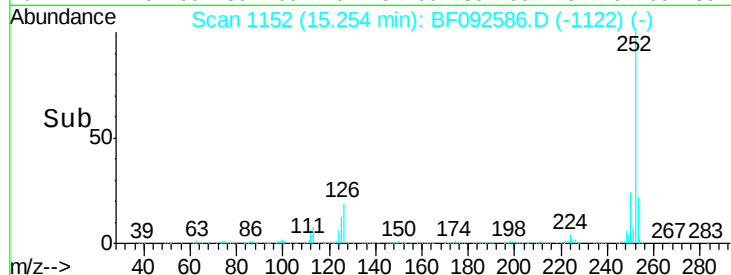
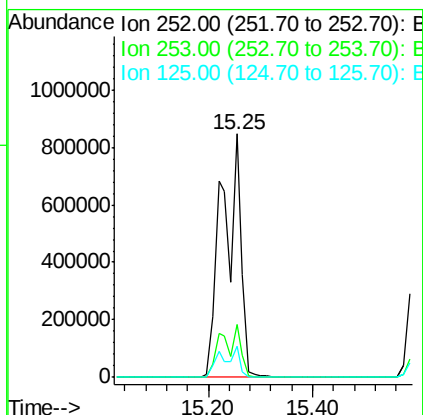
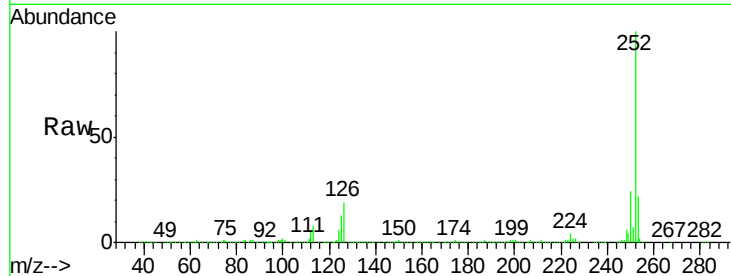




#87
Benzo(b)fluoranthene
Concen: 79.23 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

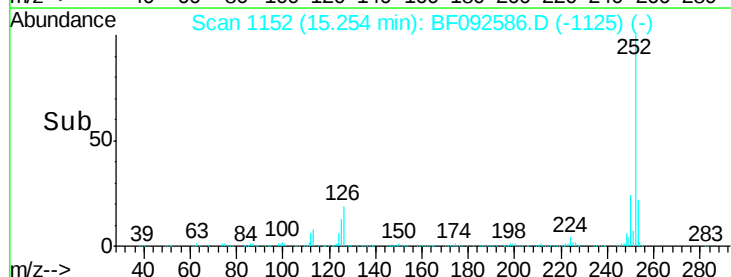
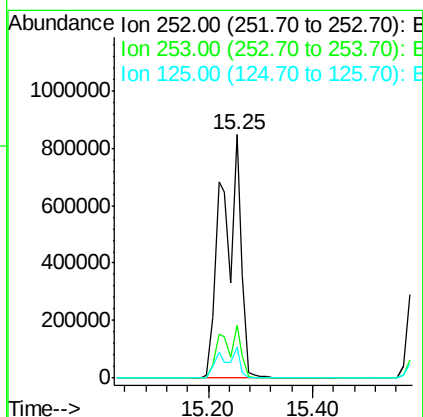
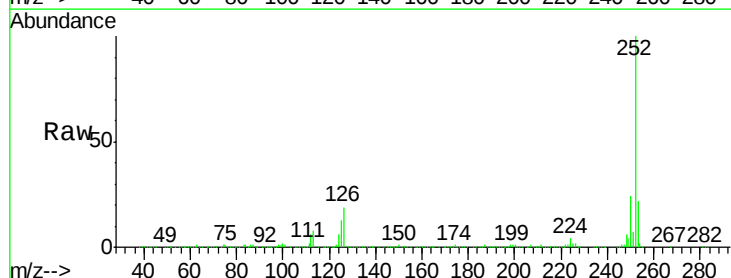
Instrument :
BNA_F
ClientSampleId :
PB96416BS

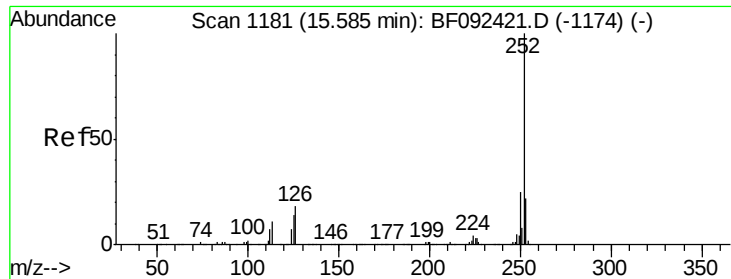
Tgt Ion:252 Resp: 2157096
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 95.28 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF092586.D
Acq: 27 Jan 2017 20:04

Tgt Ion:252 Resp: 2157096
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 12.8 8.9 13.3





#89

Benzo(a)pyrene

Concen: 43.96 ng

RT: 15.60 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS

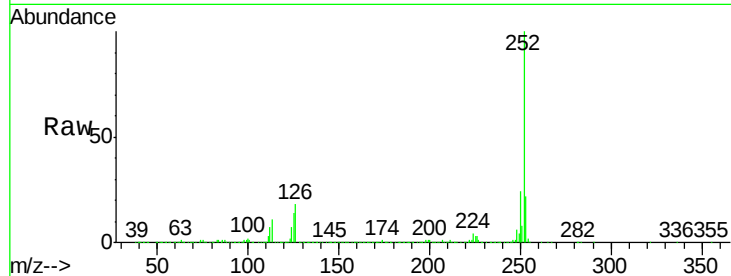
Tgt Ion:252 Resp: 1012460

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

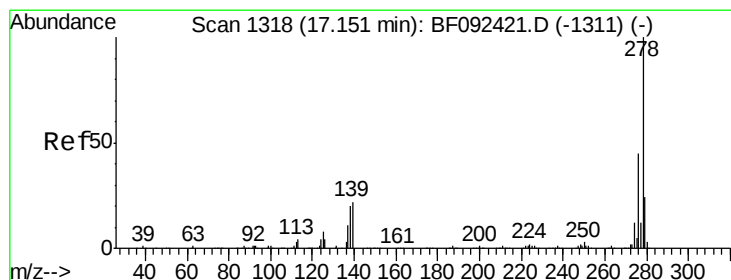
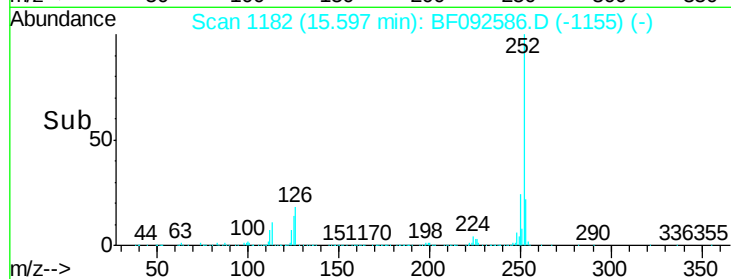
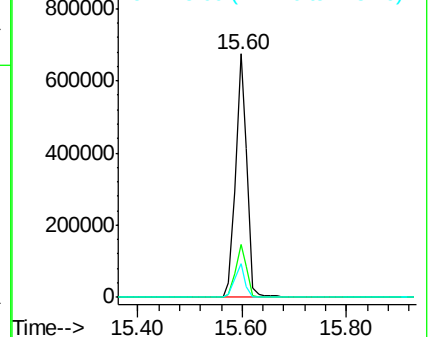
125 14.0 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.85 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.03 min

Lab File: BF092586.D

Acq: 27 Jan 2017 20:04

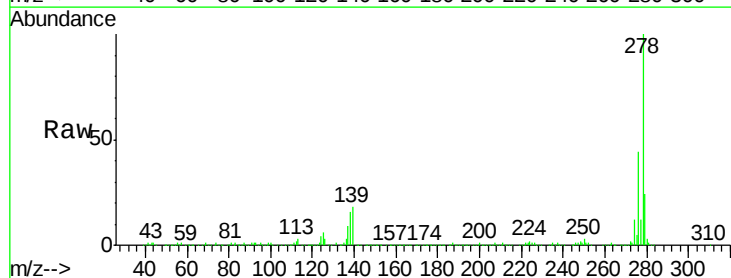
Tgt Ion:278 Resp: 816757

Ion Ratio Lower Upper

278 100

139 17.7 14.8 22.2

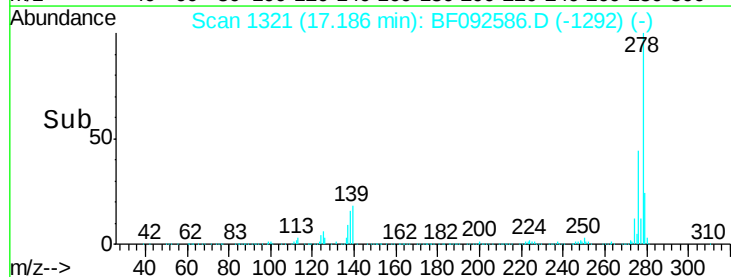
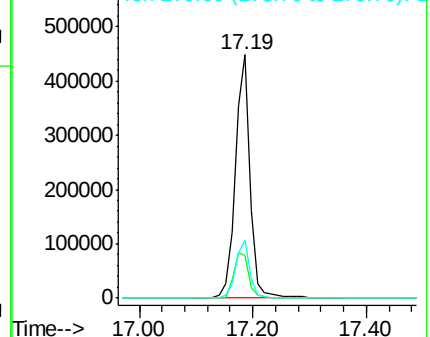
279 23.8 19.8 29.6

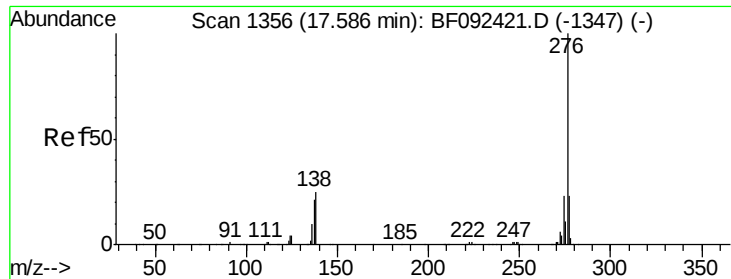


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.76 ng

RT: 17.62 min Scan# 1359

Delta R.T. 0.03 min

Lab File: BF092586.D

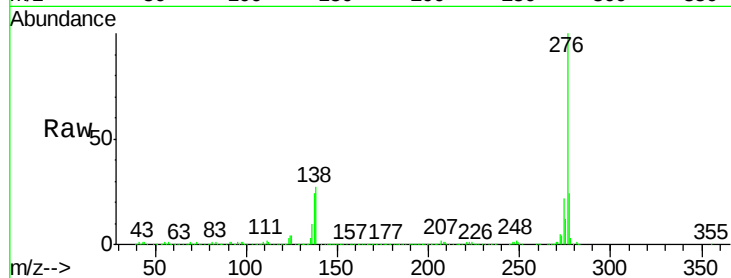
Acq: 27 Jan 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB96416BS



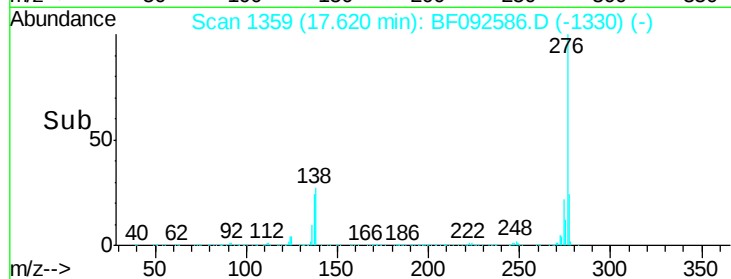
Tgt Ion: 276 Resp: 824242

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 27.5 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

