

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013117\
 Data File : BF092684.D
 Acq On : 31 Jan 2017 16:45
 Operator : SJ/MA
 Sample : PB96561BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

Quant Time: Jan 31 17:18:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	145049	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	562809	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	289371	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	477190	20.00	ng	0.00
75) Chrysene-d12	14.13	240	370068	20.00	ng	-0.01
86) Perylene-d12	15.60	264	303971	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	943958	111.65	ng	-0.01
7) Phenol-d6	6.59	99	1271837	116.91	ng	-0.01
23) Nitrobenzene-d5	7.52	82	841845	83.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	238911	114.15	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1406319	88.05	ng	-0.01
78) Terphenyl-d14	13.07	244	1235161	78.42	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	163716	35.84	ng	# 84
3) Pyridine	3.40	79	486505	41.88	ng	# 83
4) n-Nitrosodimethylamine	3.36	42	237829	43.60	ng	# 83
6) Aniline	6.61	93	401737	27.07	ng	# 48
8) 2-Chlorophenol	6.74	128	393296	42.17	ng	95
9) Benzaldehyde	6.49	77	144316	18.52	ng	84
10) Phenol	6.60	94	465804	36.60	ng	92
11) bis(2-Chloroethyl)ether	6.68	93	389946	38.38	ng	92
12) 1,3-Dichlorobenzene	6.97	146	451387	41.32	ng	96
13) 1,4-Dichlorobenzene	6.97	146	451387	40.82	ng	95
14) 1,2-Dichlorobenzene	7.12	146	391227	37.00	ng	98
15) Benzyl Alcohol	7.09	79	356234	44.23	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	743463	42.12	ng	93
17) 2-Methylphenol	7.21	107	315385	39.41	ng	98
18) Hexachloroethane	7.46	117	148906	39.45	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	276185	39.88	ng	92
20) 3+4-Methylphenols	7.37	107	406145	42.45	ng	# 87
22) Acetophenone	7.36	105	541274	42.12	ng	# 94
24) Nitrobenzene	7.53	77	429281	41.37	ng	97
25) Isophorone	7.77	82	792726	42.09	ng	94
26) 2-Nitrophenol	7.85	139	199717	40.49	ng	91
27) 2,4-Dimethylphenol	7.89	122	360790	41.64	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	485473	38.92	ng	100
29) 2,4-Dichlorophenol	8.10	162	343556	42.52	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	350803	40.29	ng	97
31) Naphthalene	8.26	128	1066801	37.39	ng	99
32) Benzoic acid	8.00	122	108654	26.00	ng	97
33) 4-Chloroaniline	8.30	127	225690	20.17	ng	# 93
34) Hexachlorobutadiene	8.37	225	175211	36.57	ng	99
35) Caprolactam	8.67	113	99582	39.18	ng	# 48
36) 4-Chloro-3-methylphenol	8.81	107	322021	38.23	ng	# 84
37) 2-Methylnaphthalene	8.96	142	713458	38.95	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	314259	38.69	ng	99
40) Hexachlorocyclopentadiene	9.10	237	264946	72.29	ng	96

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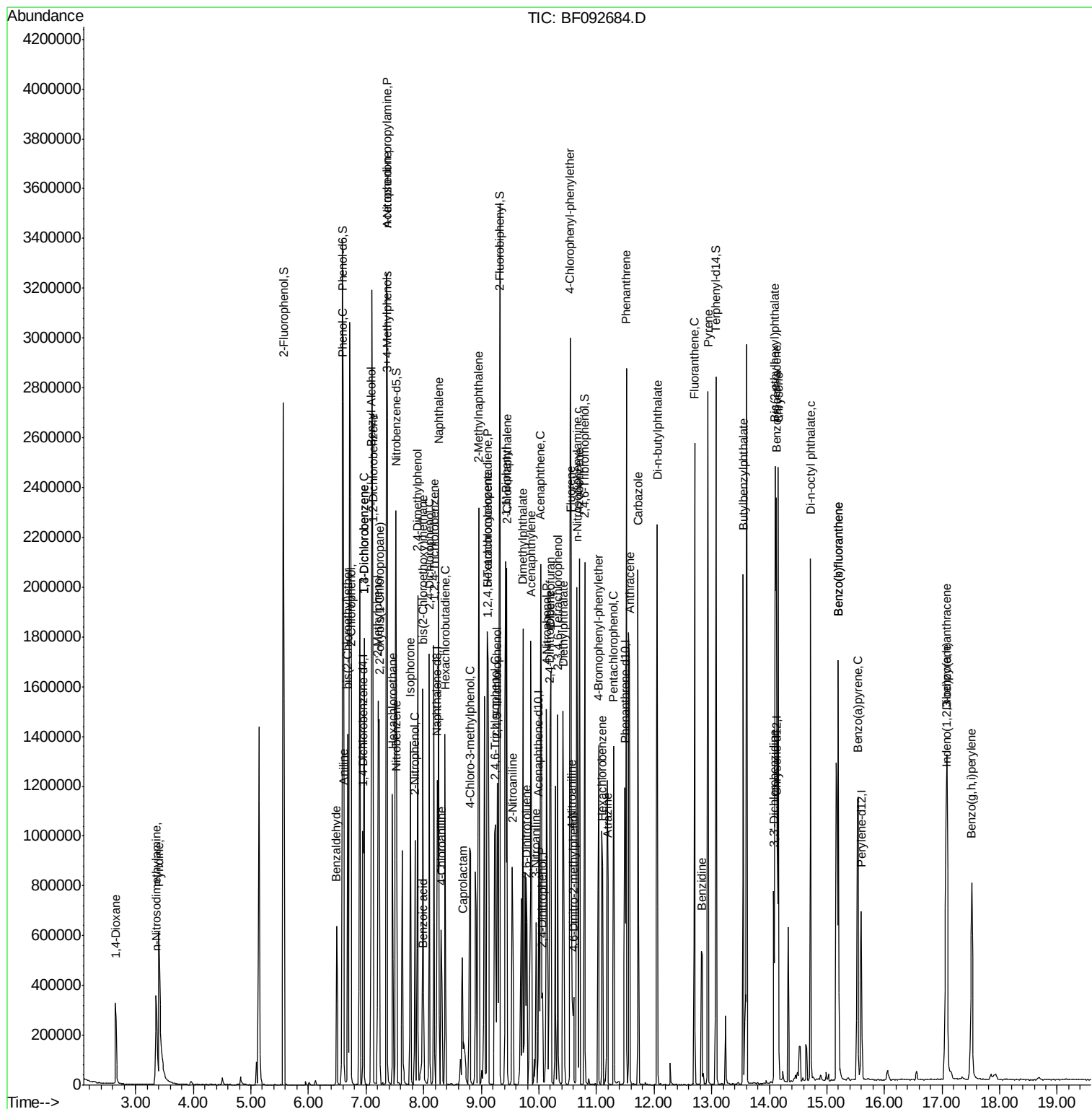
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	221288	41.46	nq	91
43) 2,4,5-Trichlorophenol	9.28	196	222420	38.03	nq	95
45) 1,1'-Biphenyl	9.42	154	906473	43.26	nq	99
46) 2-Chloronaphthalene	9.45	162	691773	42.20	nq	98
47) 2-Nitroaniline	9.54	65	193559	35.12	nq	94
48) Acenaphthylene	9.86	152	1006554	35.55	nq	99
49) Dimethylphthalate	9.72	163	781719	40.11	nq	99
50) 2,6-Dinitrotoluene	9.79	165	169607	40.29	nq	# 77
51) Acenaphthene	10.03	154	637038	37.63	nq	97
52) 3-Nitroaniline	9.95	138	110931	23.03	nq	96
53) 2,4-Dinitrophenol	10.06	184	75768	38.02	nq	96
54) Dibenzofuran	10.20	168	939903	41.51	nq	99
55) 4-Nitrophenol	10.13	139	282565	81.44	nq	83
56) 2,4-Dinitrotoluene	10.19	165	235141	41.96	nq	89
57) Fluorene	10.56	166	723446	41.53	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	172079	44.11	nq	98
59) Diethylphthalate	10.42	149	726887	39.57	nq	100
60) 4-Chlorophenyl-phenylether	10.54	204	349483	41.76	nq	# 82
61) 4-Nitroaniline	10.57	138	176771	35.83	nq	93
62) Azobenzene	10.70	77	844880	44.52	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	71890	26.04	nq	93
65) n-Nitrosodiphenylamine	10.66	169	589780	38.69	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	205667	41.25	nq	# 87
67) Hexachlorobenzene	11.10	284	199440	40.48	nq	# 88
68) Atrazine	11.20	200	197123	40.30	nq	90
69) Pentachlorophenol	11.30	266	156032	63.03	nq	97
70) Phenanthrene	11.52	178	1039411	38.02	nq	98
71) Anthracene	11.57	178	1118540	40.74	nq	97
72) Carbazole	11.72	167	889323	33.89	nq	99
73) Di-n-butylphthalate	12.05	149	1198847	42.24	nq	# 96
74) Fluoranthene	12.70	202	1002575	35.55	nq	97
76) Benzidine	12.83	184	314569	19.95	nq	96
77) Pyrene	12.93	202	1060275	38.28	nq	99
79) Butylbenzylphthalate	13.55	149	507612	45.14	nq	85
80) Benzo(a)anthracene	14.12	228	890197	39.33	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	179270	22.22	nq	95
82) Chrysene	14.16	228	840552	39.66	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	629921	40.96	nq	99
84) Di-n-octyl phthalate	14.72	149	1101014	43.96	nq	99
85) Indeno(1,2,3-cd)pyrene	17.07	276	758112	46.19	nq	95
87) Benzo(b)fluoranthene	15.20	252	1456971	72.82	nq	99
88) Benzo(k)fluoranthene	15.20	252	1456971	84.34	nq	98
89) Benzo(a)pyrene	15.54	252	708717	40.95	nq	# 96
90) Dibenzo(a,h)anthracene	17.08	278	636007	45.47	nq	# 95
91) Benzo(g,h,i)perylene	17.52	276	653807	46.27	nq	# 91

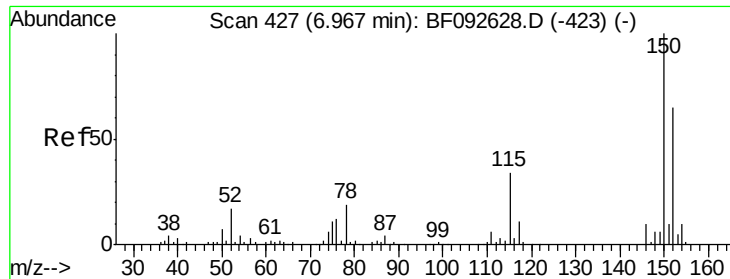
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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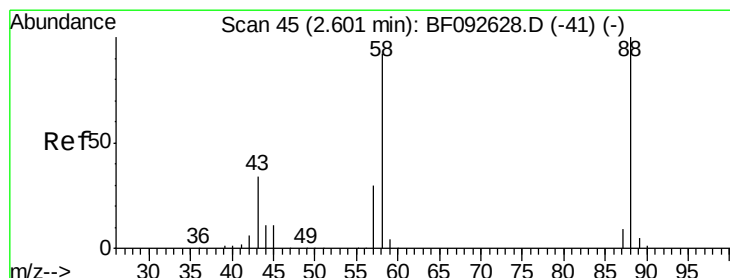
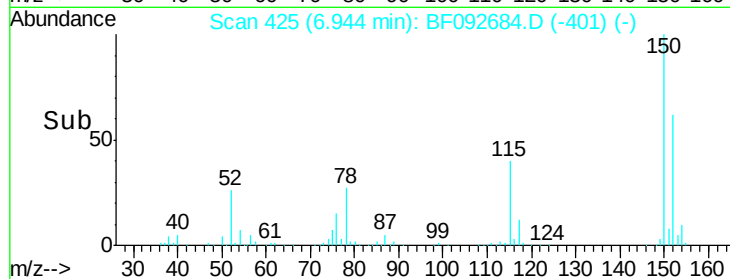
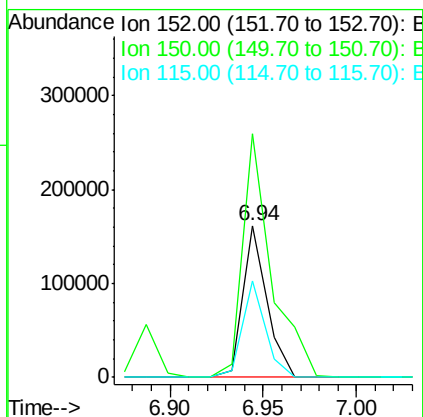
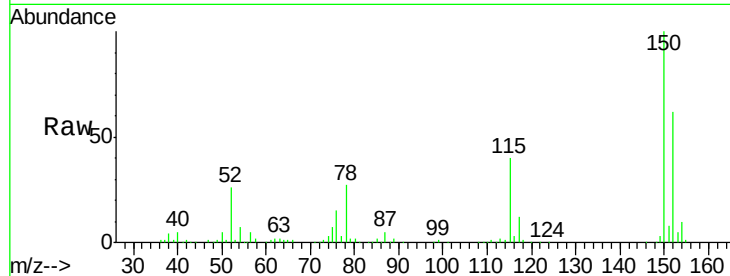


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

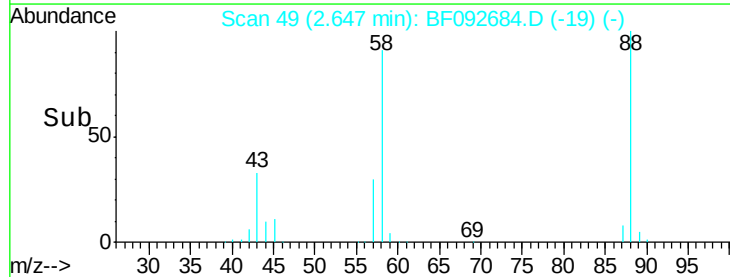
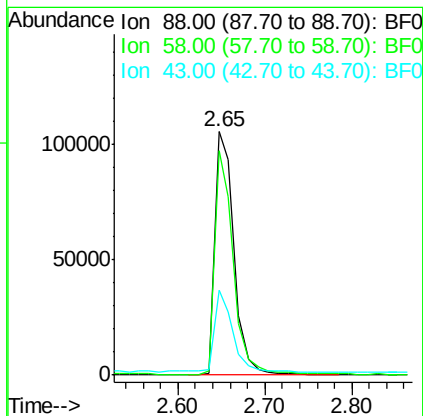
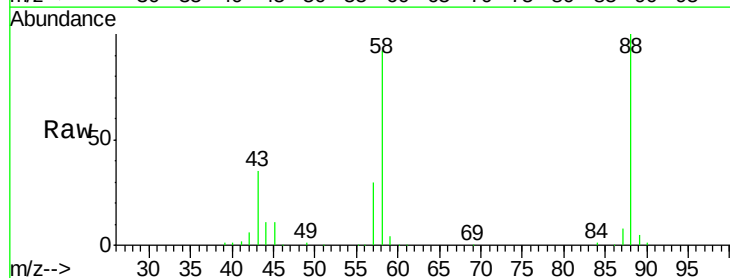
Tot Ion:152 Resp: 145049
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.9 187.3
 115 64.0 46.0 69.0

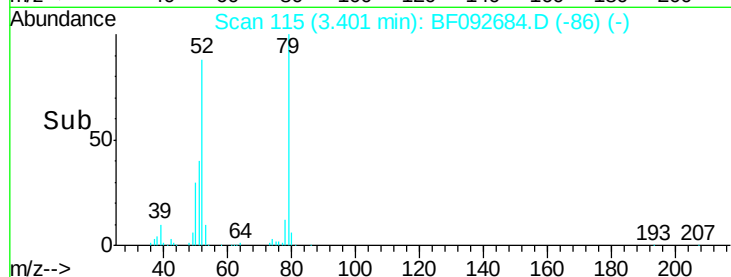
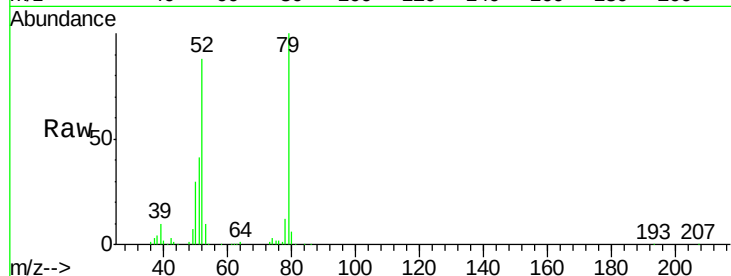
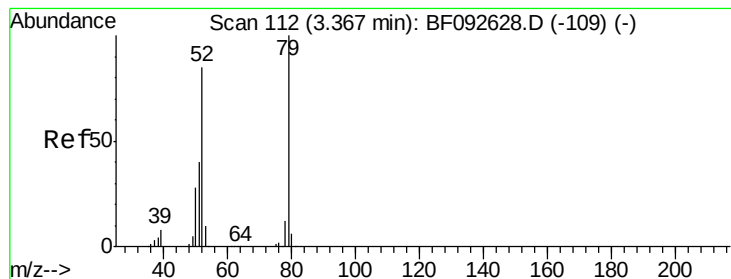


#2

1,4-Dioxane
 Concen: 35.84 ng
 RT: 2.65 min Scan# 49
 Delta R.T. 0.05 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion: 88 Resp: 163716
 Ion Ratio Lower Upper
 88 100
 58 88.3 57.8 86.8#
 43 32.9 22.3 33.5





#3

Pvridine

Concen: 41.88 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.03 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

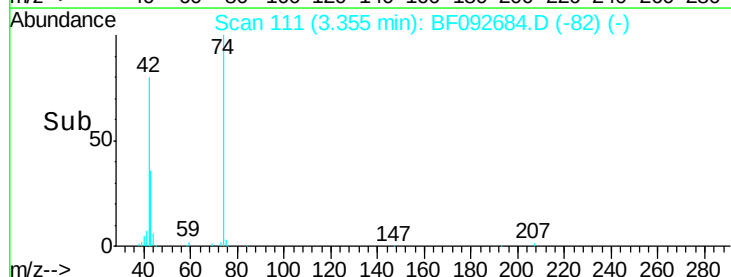
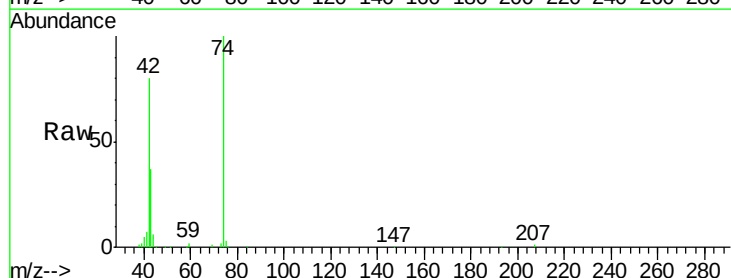
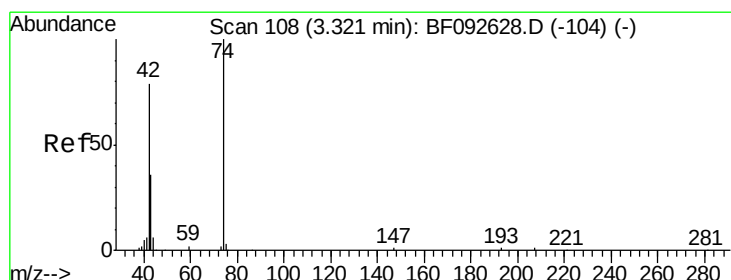
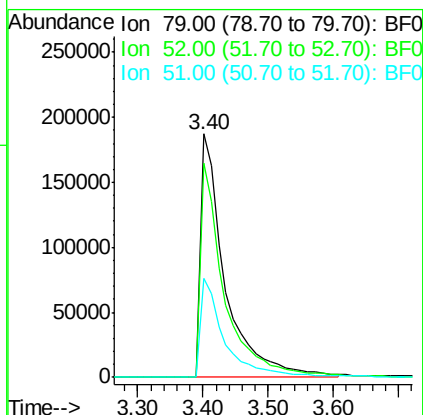
Tot Ion: 79 Resp: 486505

Ion Ratio Lower Upper

79 100

52 87.9 57.1 85.7#

51 40.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.60 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.03 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

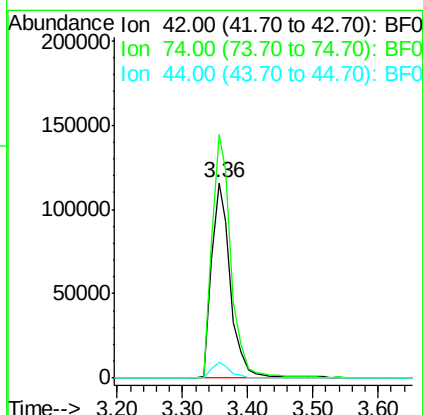
Tgt Ion: 42 Resp: 237829

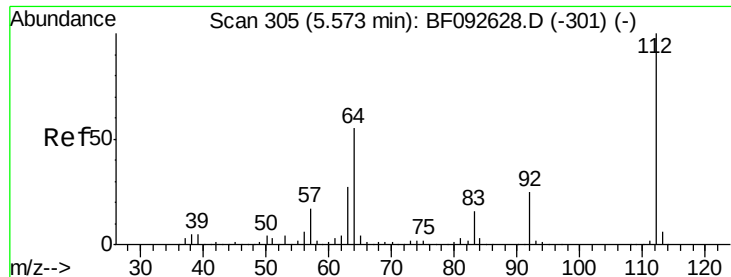
Ion Ratio Lower Upper

42 100

74 124.5 117.0 175.4

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 111.65 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

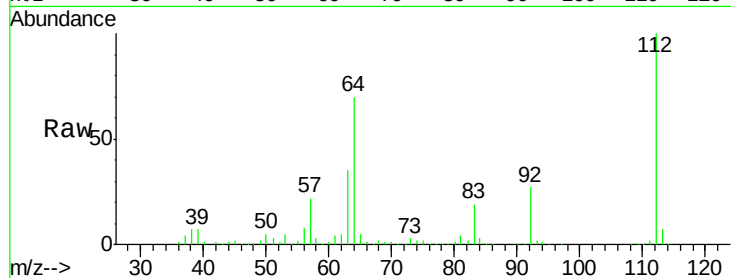
Tot Ion:112 Resp: 943958

Ion Ratio Lower Upper

112 100

64 70.1 46.1 69.1#

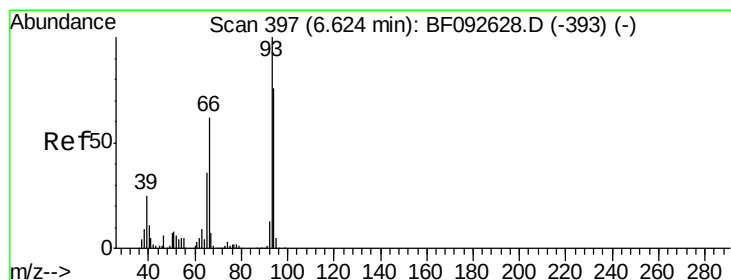
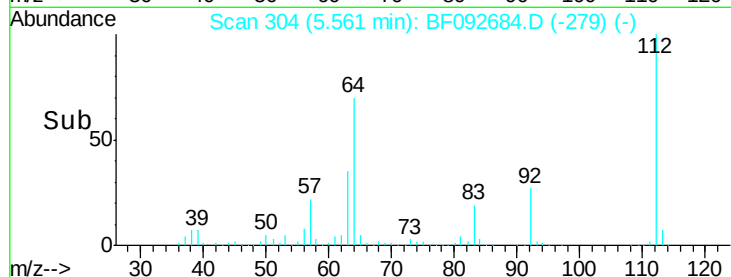
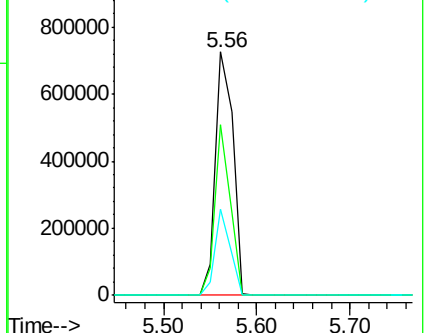
63 35.2 23.8 35.6



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: 27.07 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

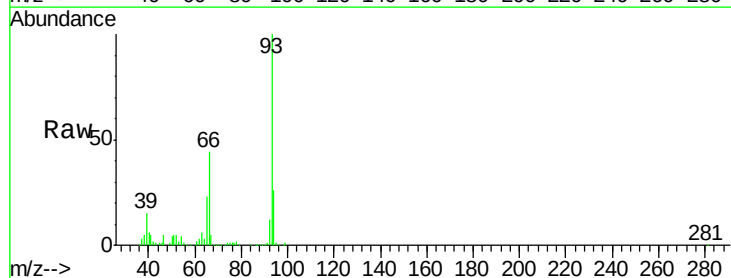
Tgt Ion: 93 Resp: 401737

Ion Ratio Lower Upper

93 100

66 44.1 76.2 114.2#

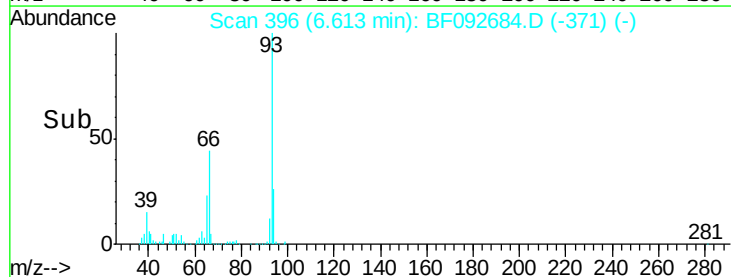
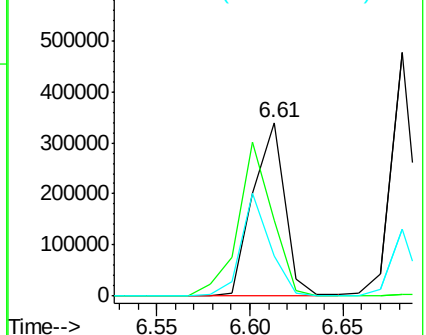
65 23.1 49.3 73.9#

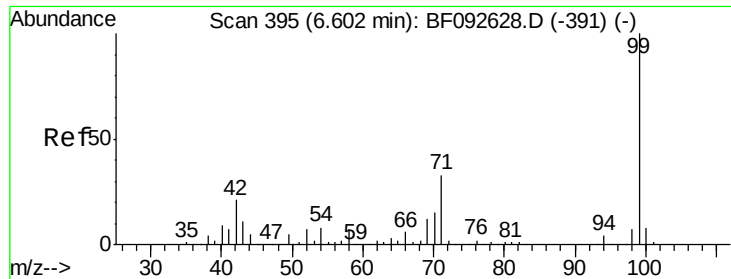


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.91 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

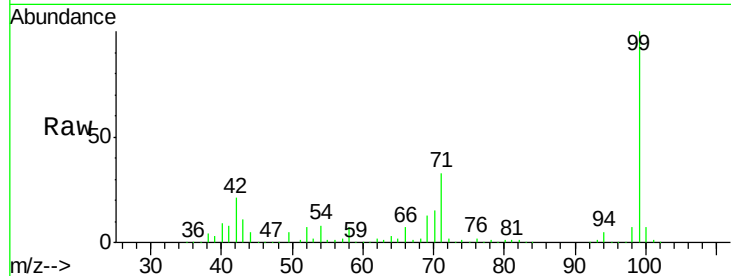
BNA_F

ClientSampleId :

PB96561BS

Tot Ion: 99 Resp: 1271837

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	33.1	27.5	41.3

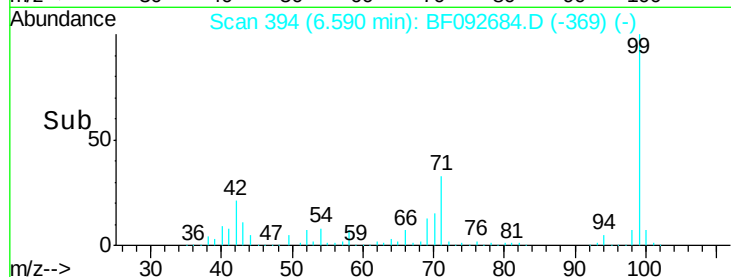


Abundance

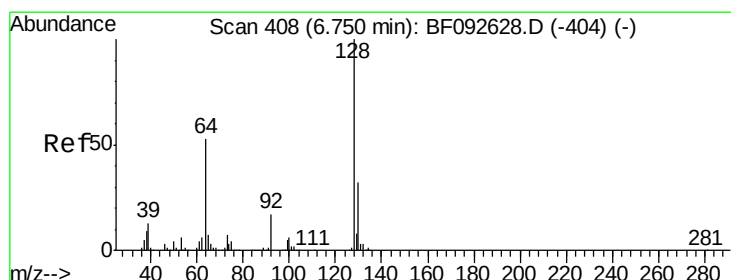
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 42.17 ng

RT: 6.74 min Scan# 407

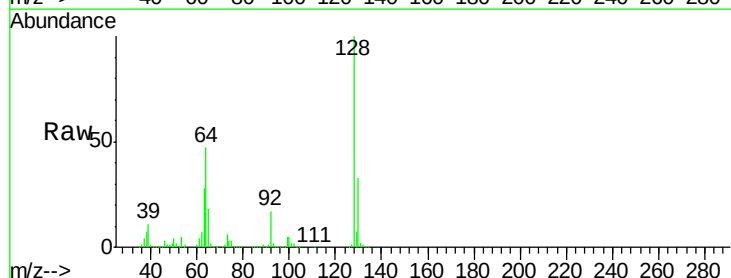
Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Tgt Ion: 128 Resp: 393296

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.3	52.3
64	47.1	32.2	72.2

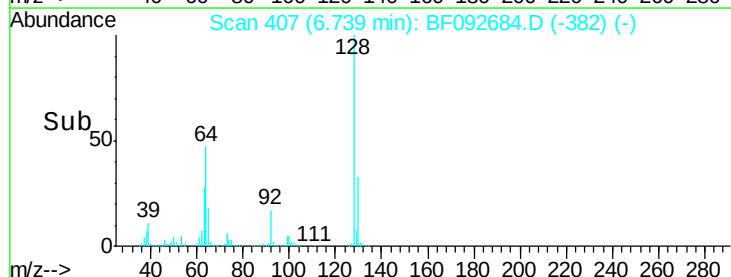


Abundance

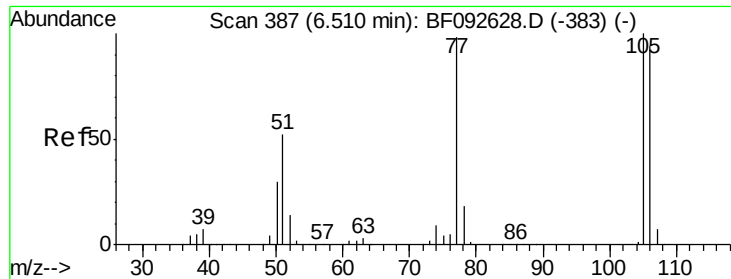
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



Time-->



#9

Benzaldehyde

Concen: 18.52 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

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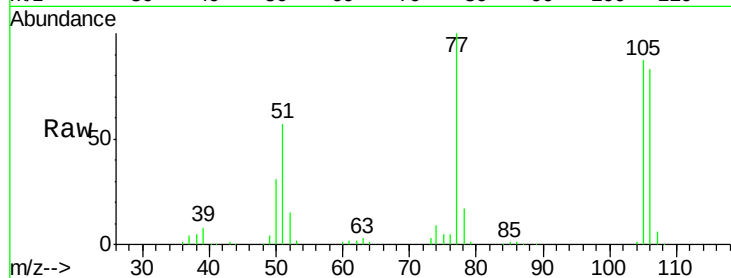
Tot Ion: 77 Resp: 144316

Ion Ratio Lower Upper

77 100

105 86.7 83.9 123.9

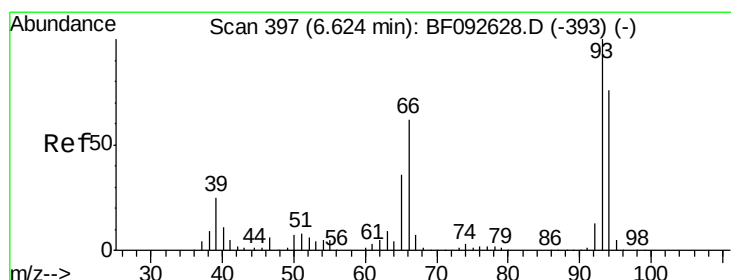
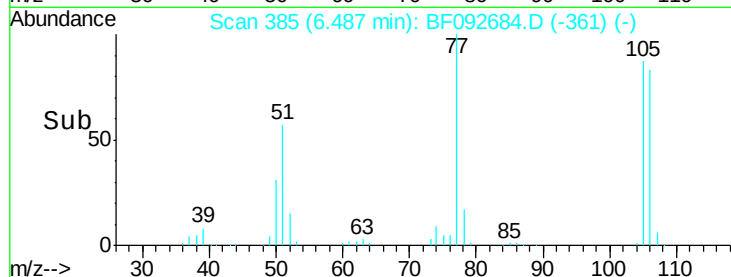
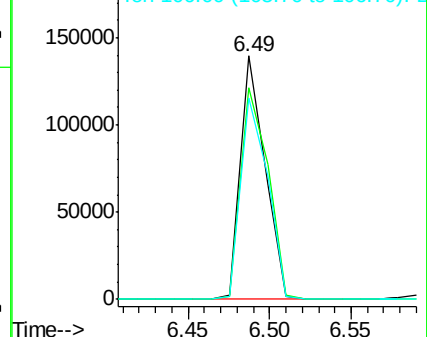
106 82.6 77.6 117.6



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: 36.60 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

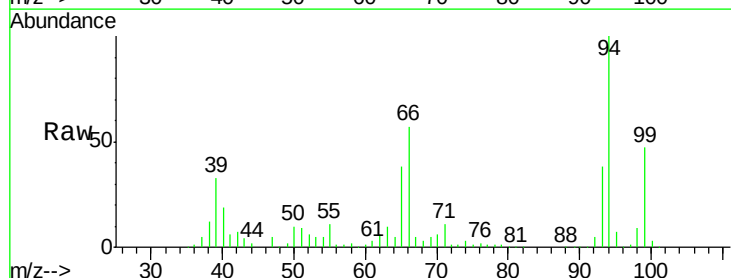
Tgt Ion: 94 Resp: 465804

Ion Ratio Lower Upper

94 100

65 37.8 21.4 61.4

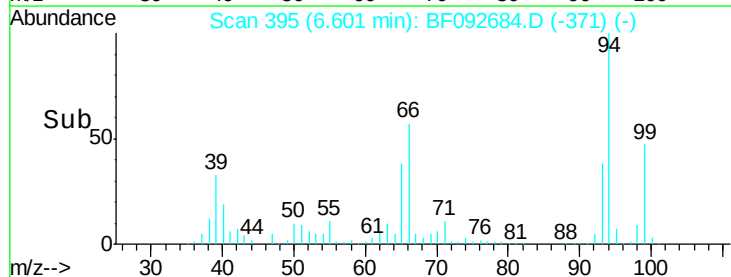
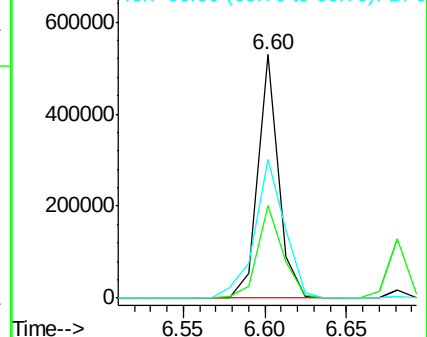
66 56.9 44.0 84.0

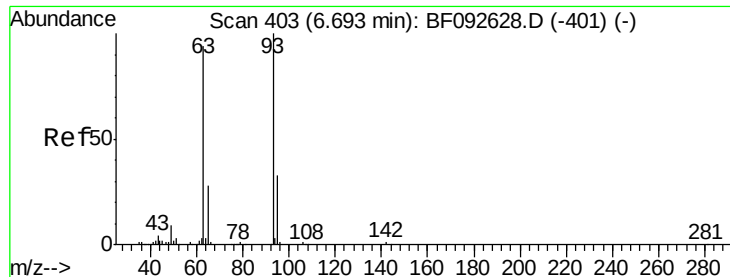


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

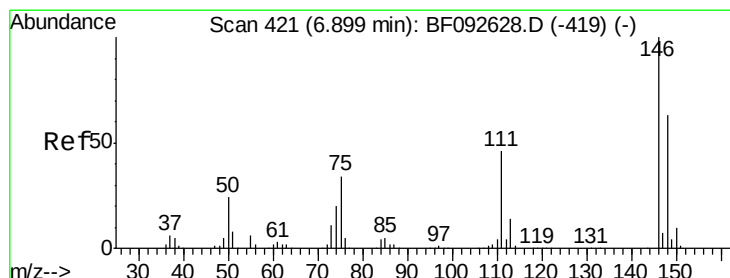
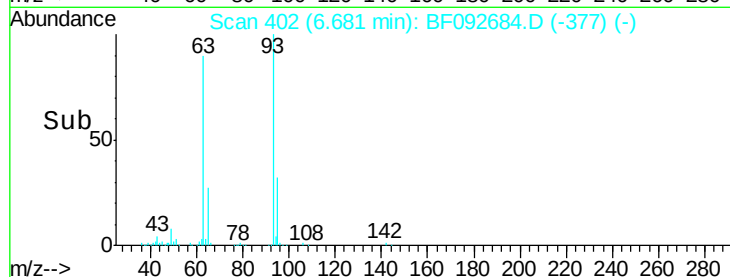
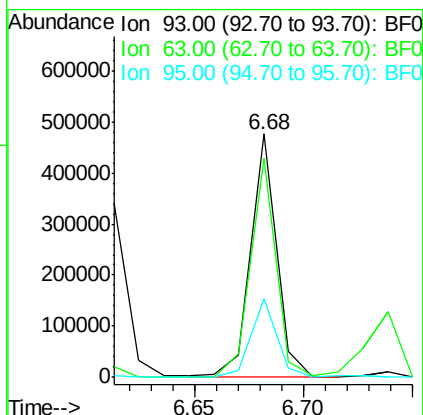
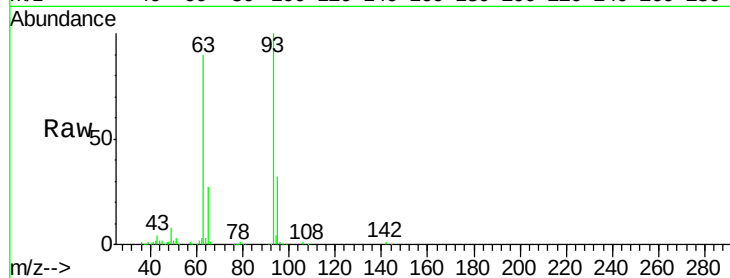




#11
bis(2-Chloroethyl)ether
Concen: 38.38 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

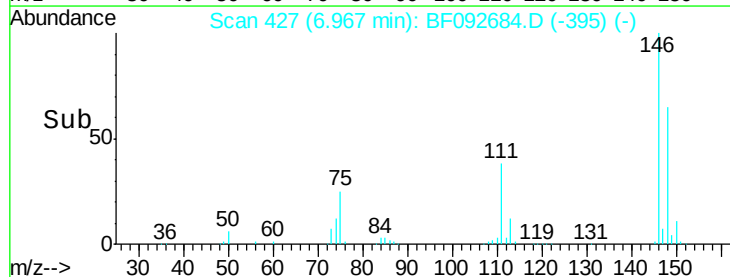
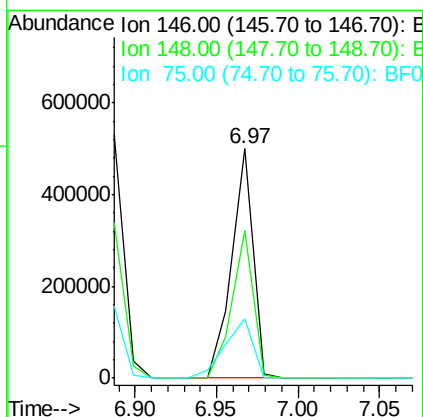
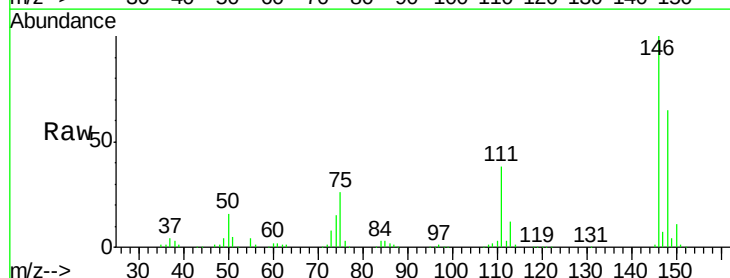
Instrument :
BNA_F
ClientSampleId :
PB96561BS

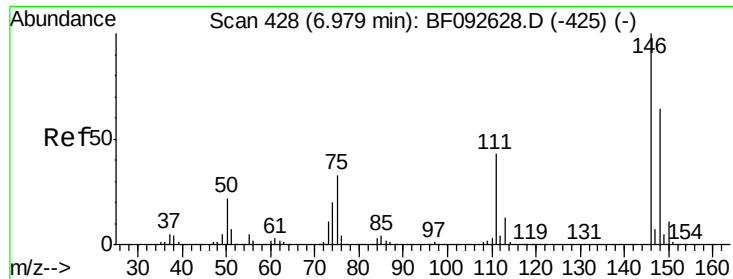
Tot Ion: 93 Resp: 389946
Ion Ratio Lower Upper
93 100
63 90.2 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.32 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.07 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion: 146 Resp: 451387
Ion Ratio Lower Upper
146 100
148 64.5 53.4 80.0
75 26.0 18.5 27.7

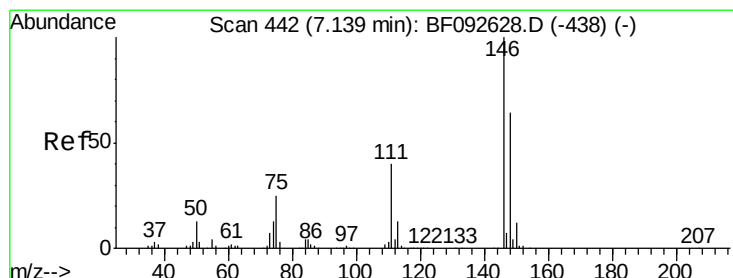
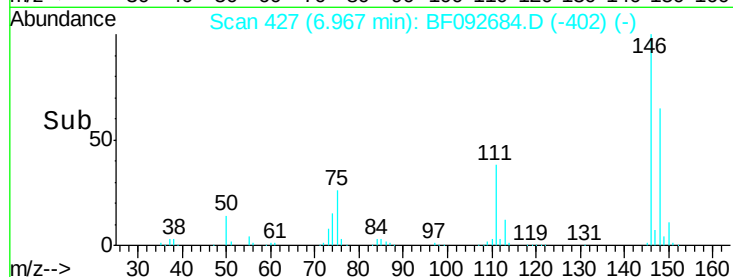
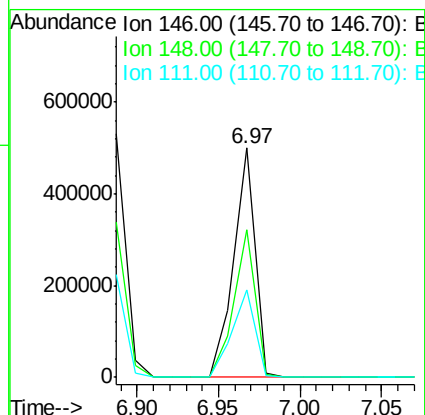
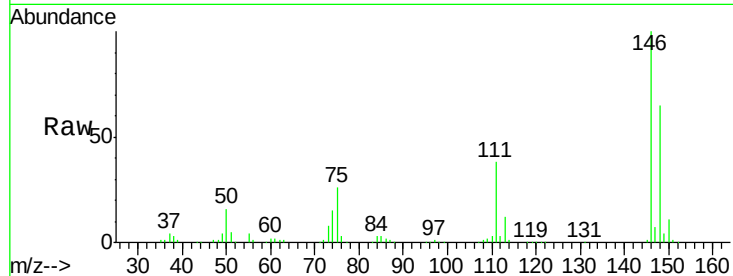




#13
1,4-Dichlorobenzene
Concen: 40.82 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

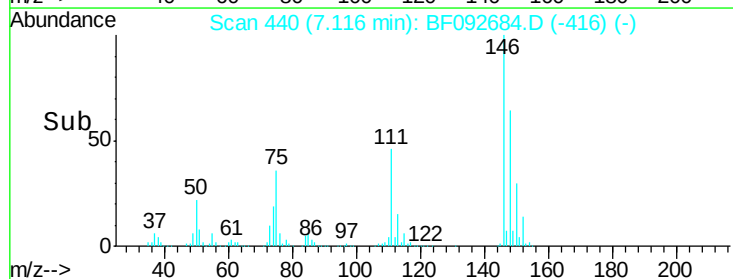
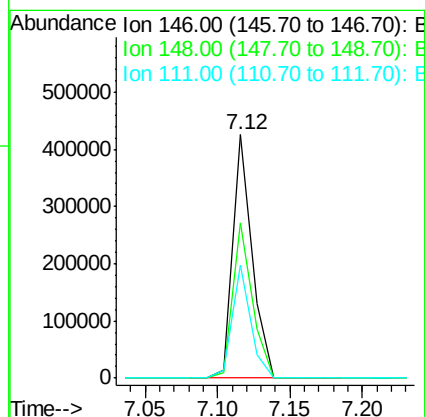
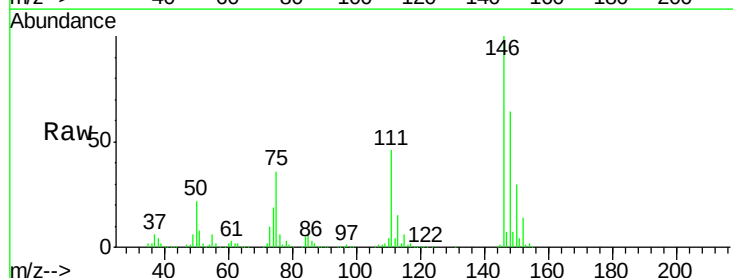
Instrument :
BNA_F
ClientSampleId :
PB96561BS

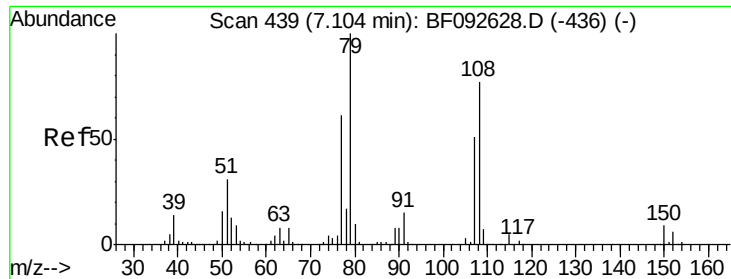
Tot Ion:146 Resp: 451387
Ion Ratio Lower Upper
146 100
148 64.5 50.6 76.0
111 38.2 36.2 54.4



#14
1,2-Dichlorobenzene
Concen: 37.00 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:146 Resp: 391227
Ion Ratio Lower Upper
146 100
148 63.9 52.2 78.2
111 46.5 36.2 54.2

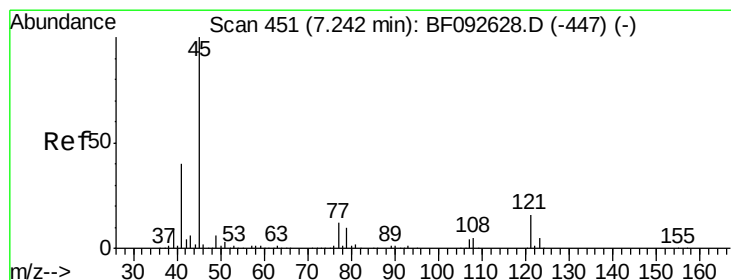
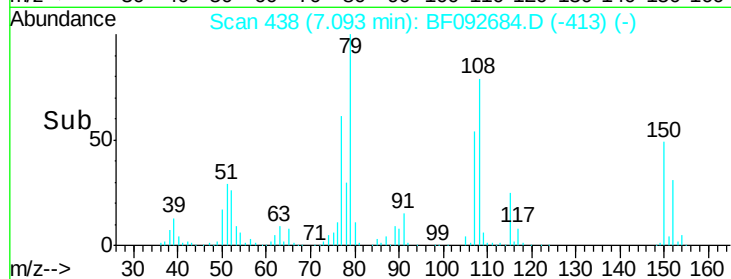
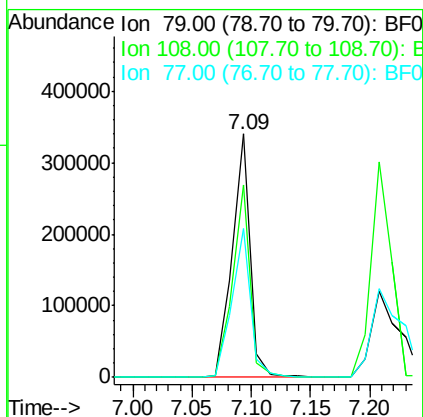
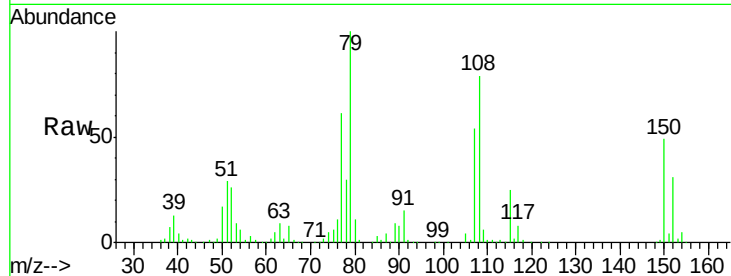




#15
Benzyl Alcohol
Concen: 44.23 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

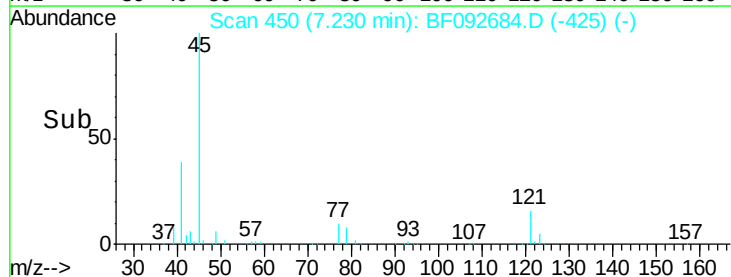
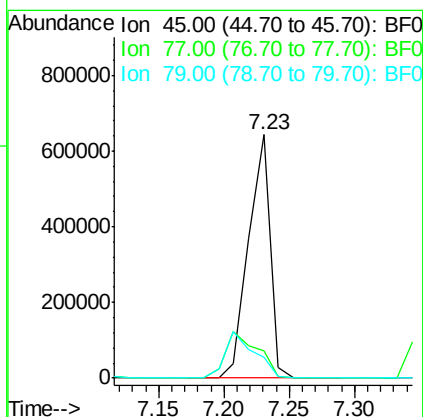
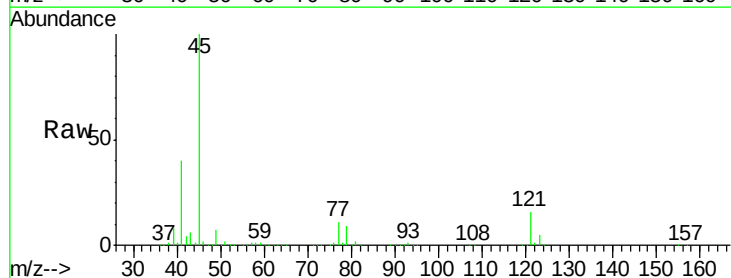
Instrument :
BNA_F
ClientSampled :
PB96561BS

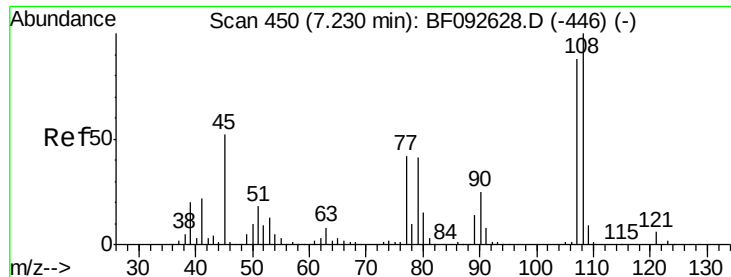
Tot Ion: 79 Resp: 356234
Ion Ratio Lower Upper
79 100
108 79.1 61.4 92.0
77 61.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.12 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion: 45 Resp: 743463
Ion Ratio Lower Upper
45 100
77 11.2 0.0 34.6
79 8.8 0.0 31.2

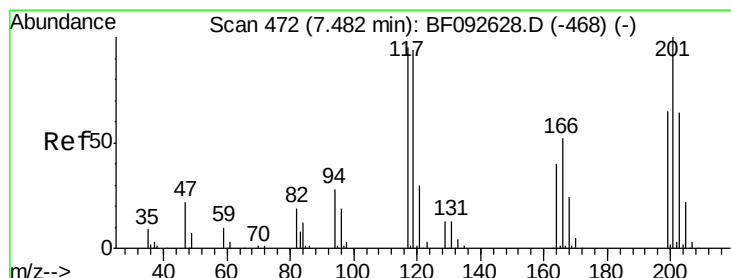
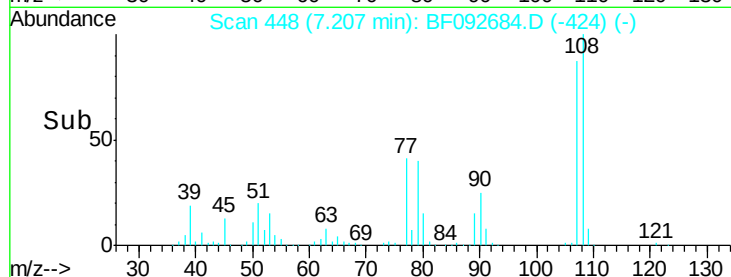
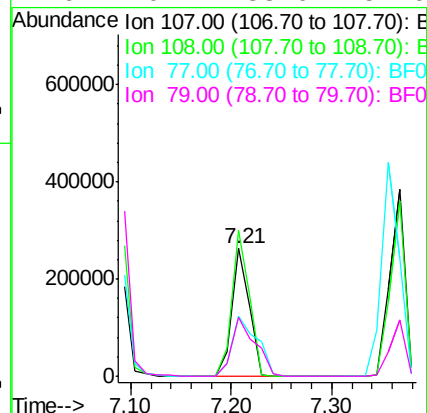
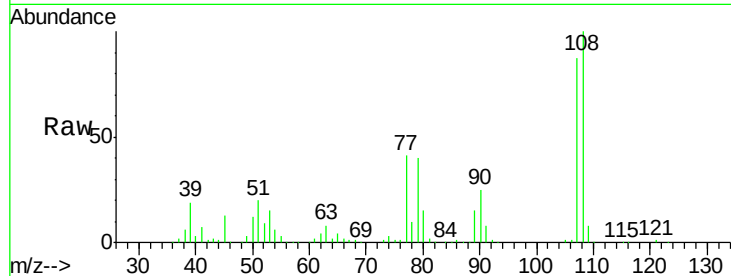




#17
2-Methylphenol
Concen: 39.41 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

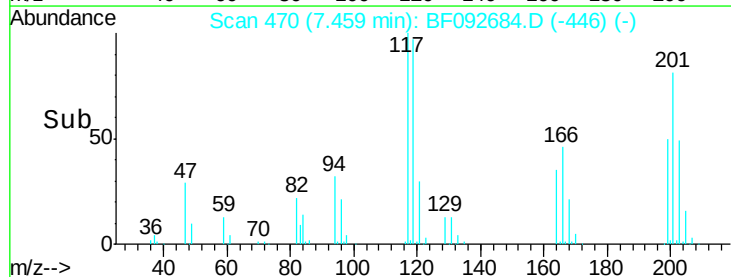
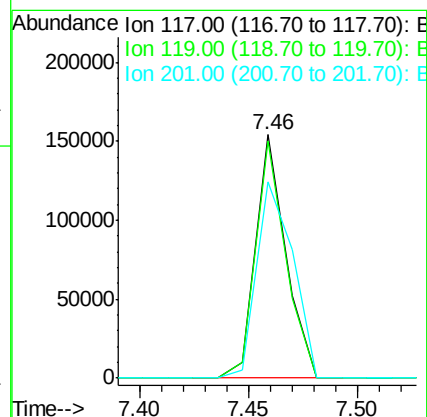
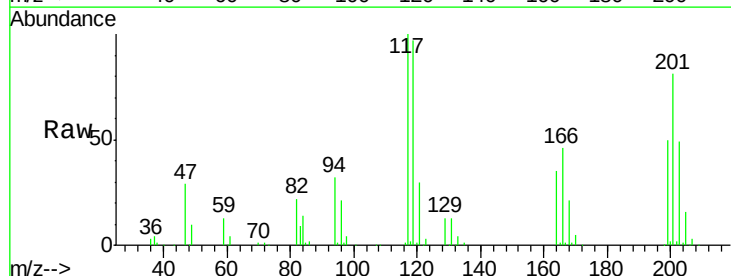
Instrument :
BNA_F
ClientSampleId :
PB96561BS

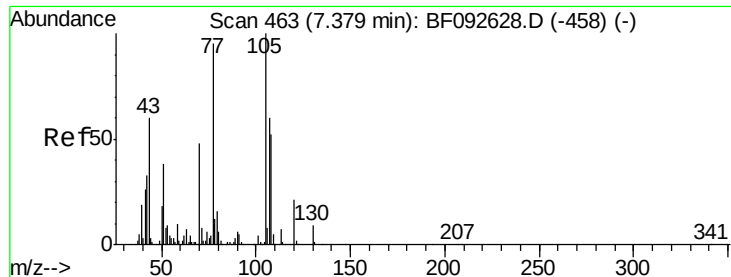
Tot Ion:	107	Resp:	315385
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.0	139.6
77	47.0	39.8	59.8
79	46.1	38.0	57.0



#18
Hexachloroethane
Concen: 39.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:	117	Resp:	148906
Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.1	117.1
201	80.5	78.6	117.8

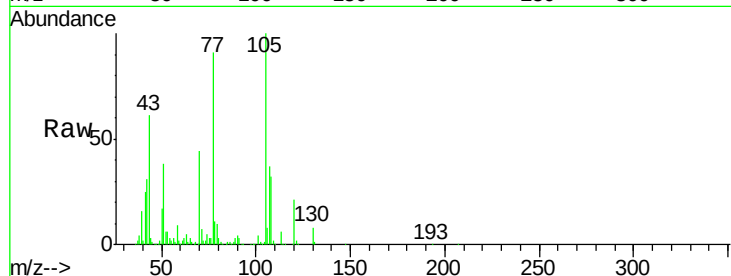




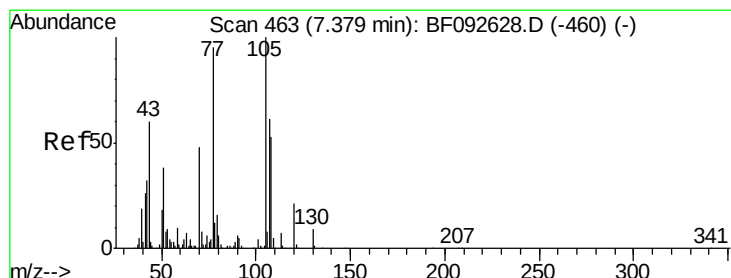
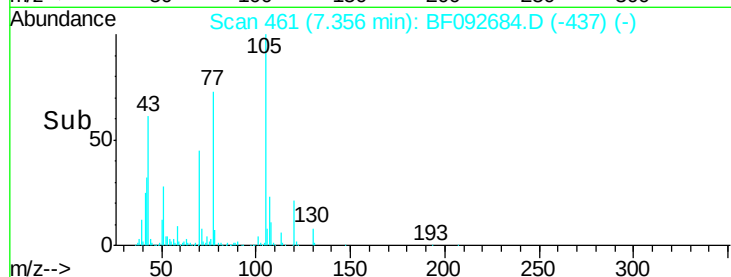
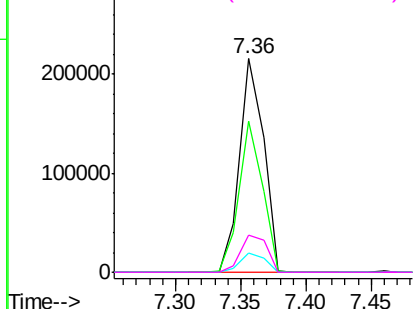
#19
n-Nitroso-di-n-propylamine
Concen: 39.88 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96561BS

Tot Ion:	70	Resp:	276185
Ion	Ratio	Lower	Upper
70	100		
42	70.5	49.4	74.0
101	8.9	7.4	11.2
130	17.1	14.2	21.4

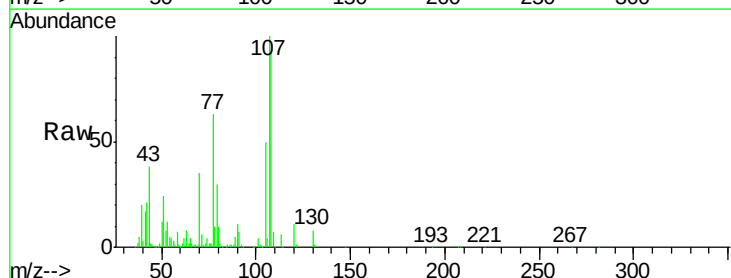


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

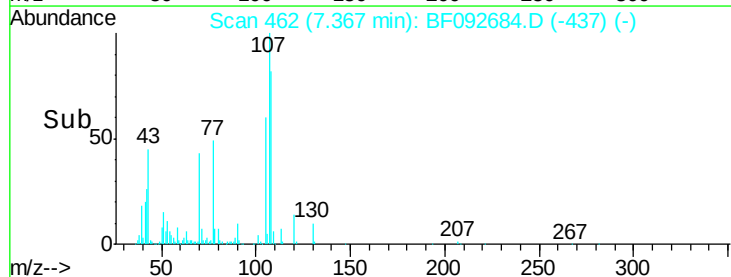
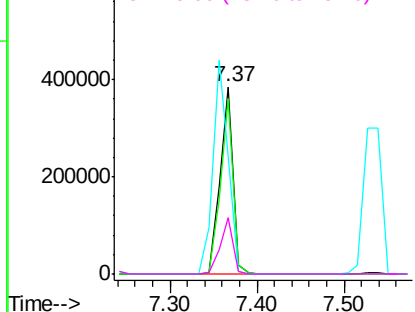


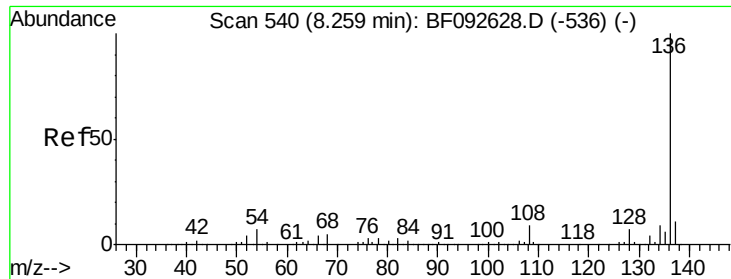
#20
3+4-Methylphenols
Concen: 42.45 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:	107	Resp:	406145
Ion	Ratio	Lower	Upper
107	100		
108	93.3	73.0	113.0
77	63.1	71.3	111.3#
79	30.0	11.1	51.1



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

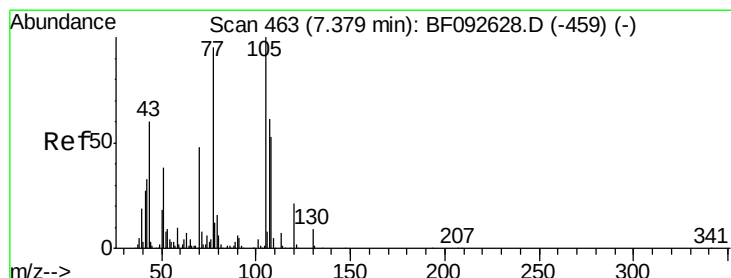
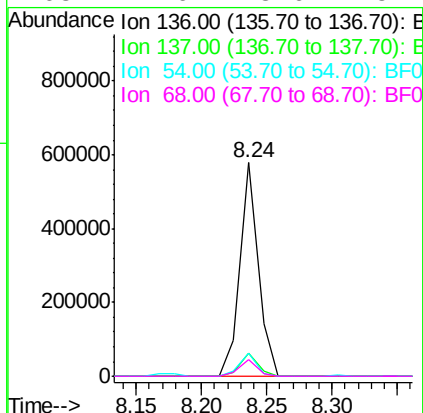
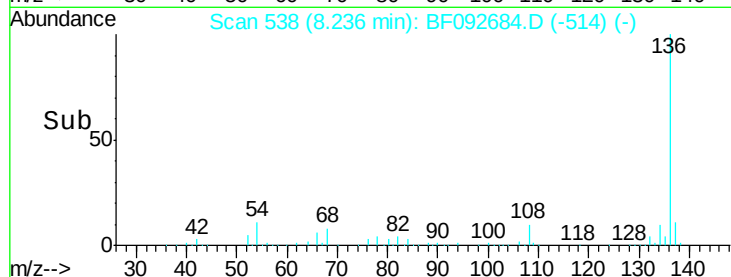
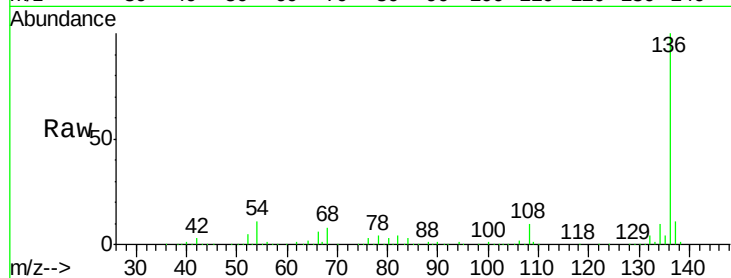




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

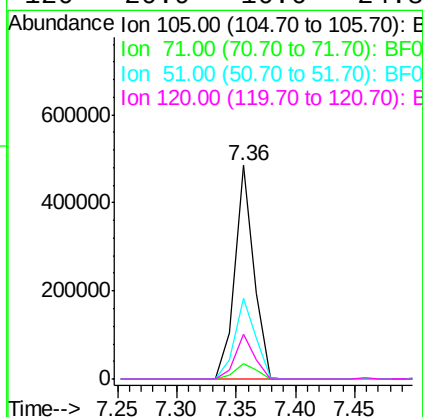
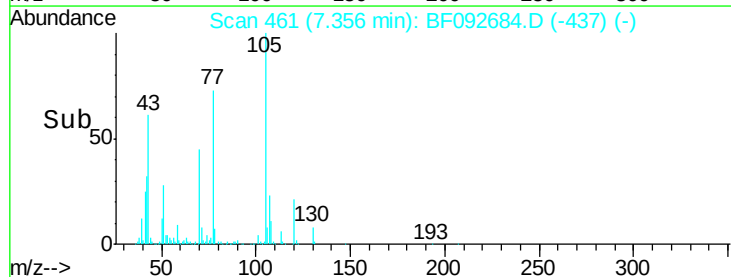
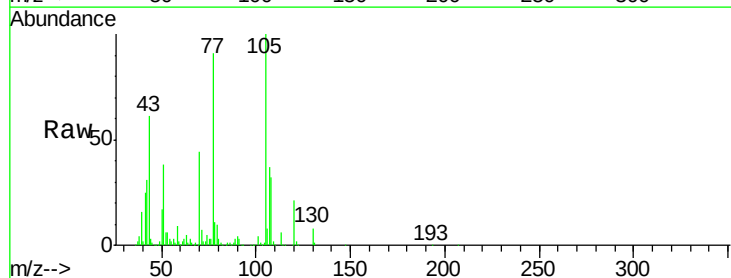
Instrument :
BNA_F
ClientSampleId :
PB96561BS

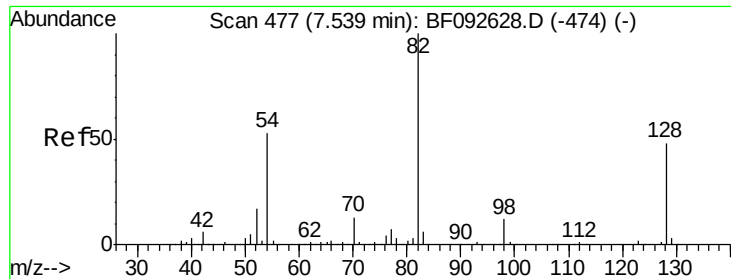
Tot Ion:136	Resp:	562809
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	11.0	4.5 6.7#
68	7.6	3.6 5.4#



#22
Acetophenone
Concen: 42.12 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:105	Resp:	541274
Ion Ratio	Lower	Upper
105	100	
71	7.5	3.2 4.8#
51	37.8	26.2 39.4
120	20.9	16.6 24.8

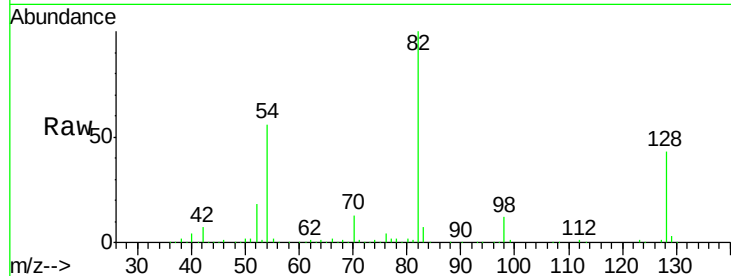




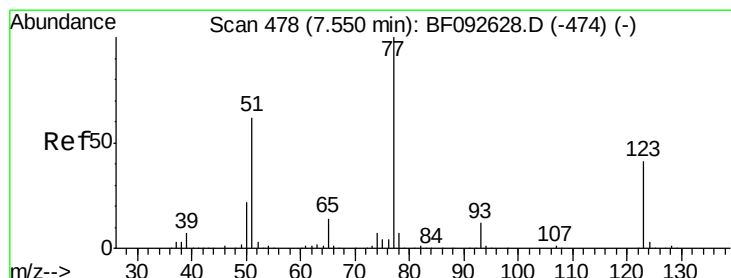
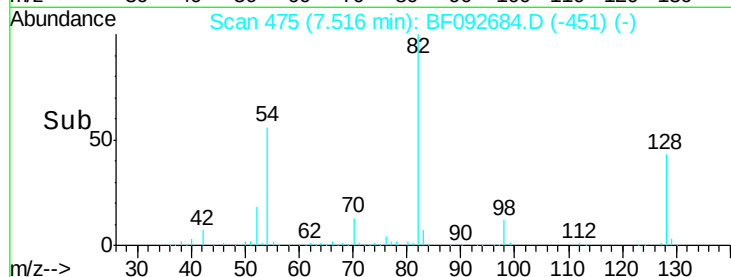
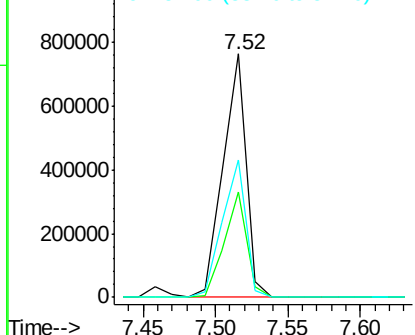
#23
 Nitrobenzene-d5
 Concen: 83.30 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

Tot Ion	82	Resp	841845
Ion Ratio	100	Lower	Upper
128	43.1	34.6	52.0
54	56.5	39.5	59.3

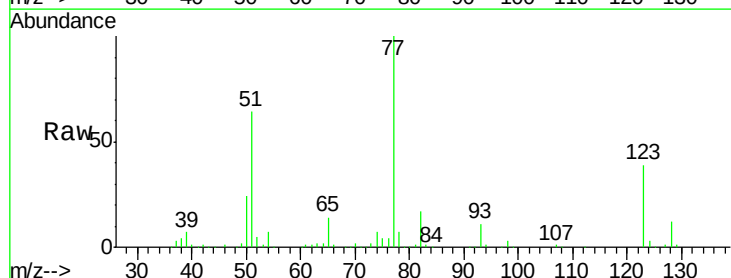


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

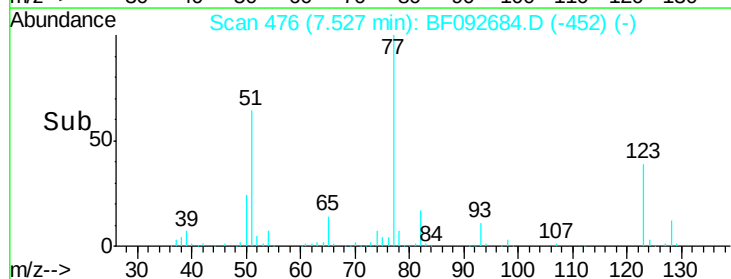
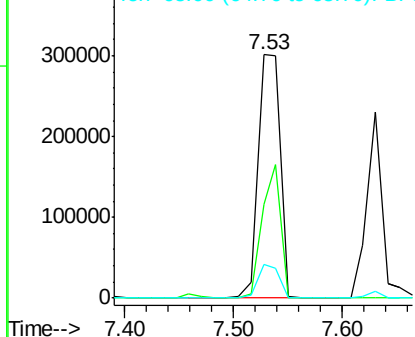


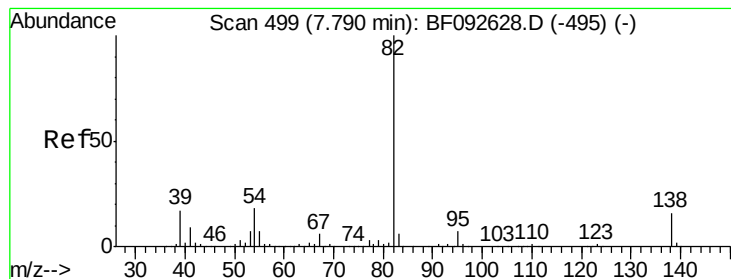
#24
 Nitrobenzene
 Concen: 41.37 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion	77	Resp	429281
Ion Ratio	100	Lower	Upper
123	38.6	33.0	49.4
65	14.1	11.2	16.8



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





#25

Isophorone

Concen: 42.09 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

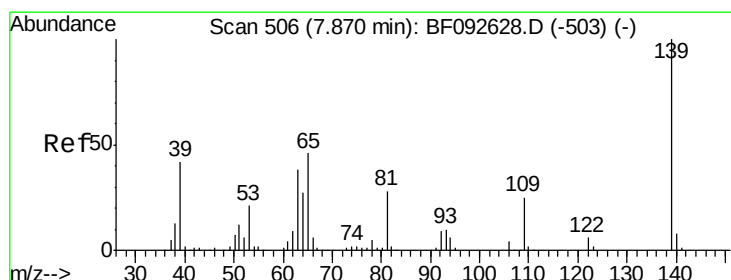
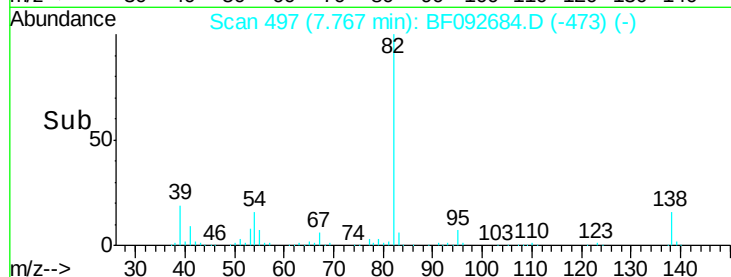
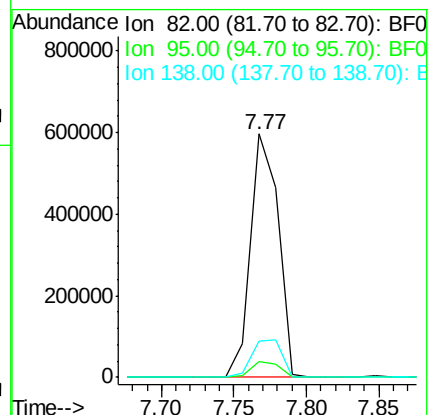
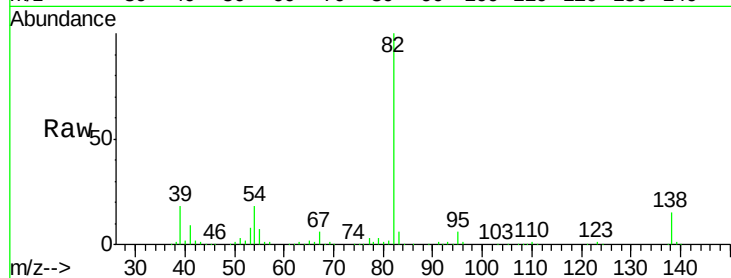
Tot Ion: 82 Resp: 792726

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

138 15.0 14.6 22.0



#26

2-Nitrophenol

Concen: 40.49 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

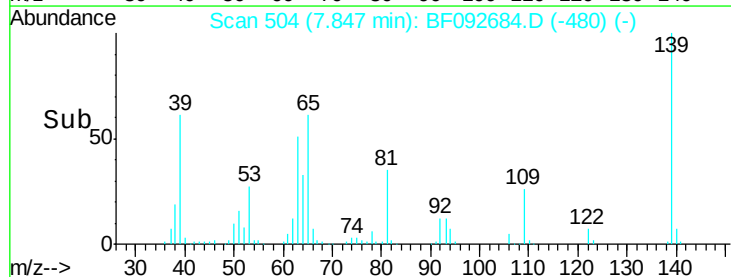
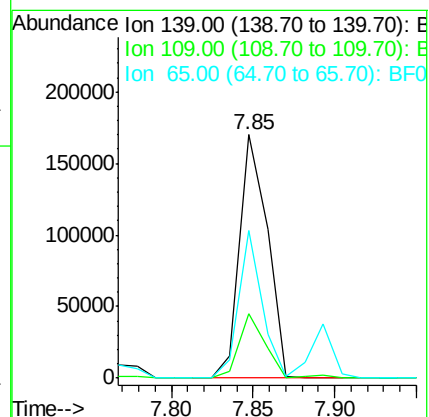
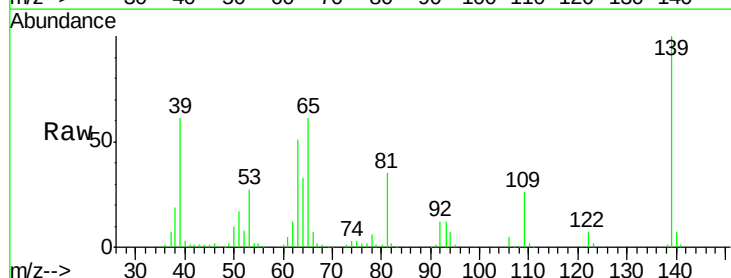
Tgt Ion: 139 Resp: 199717

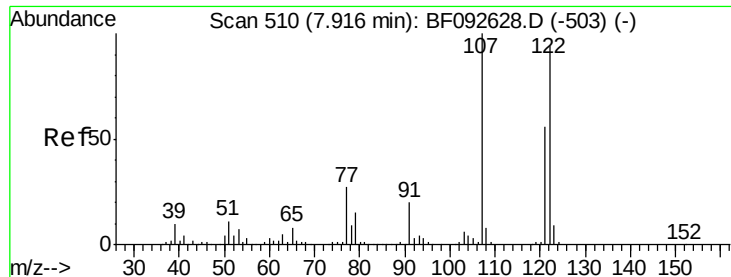
Ion Ratio Lower Upper

139 100

109 26.3 23.3 34.9

65 60.8 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 41.64 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

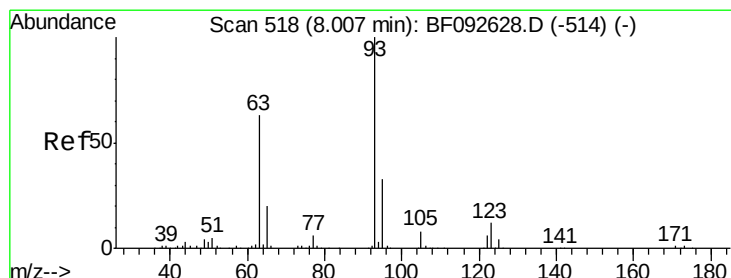
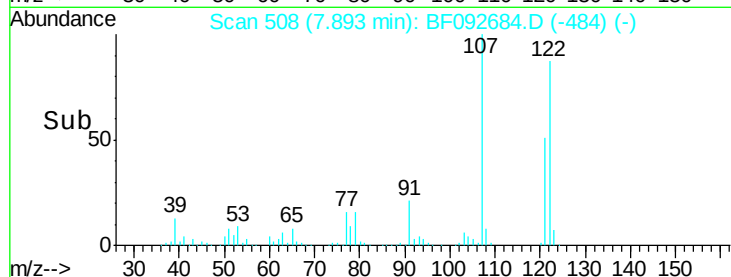
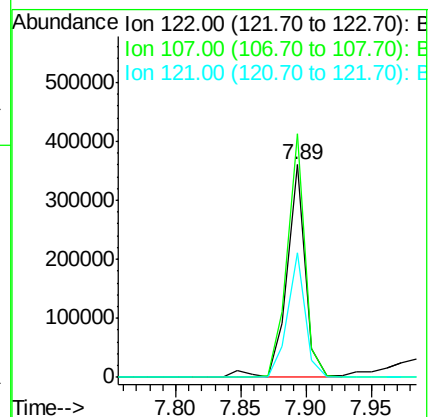
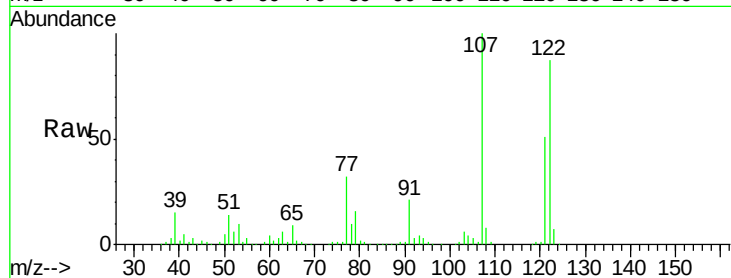
Tot Ion:122 Resp: 360790

Ion Ratio Lower Upper

122 100

107 114.6 94.1 141.1

121 58.9 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 38.92 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

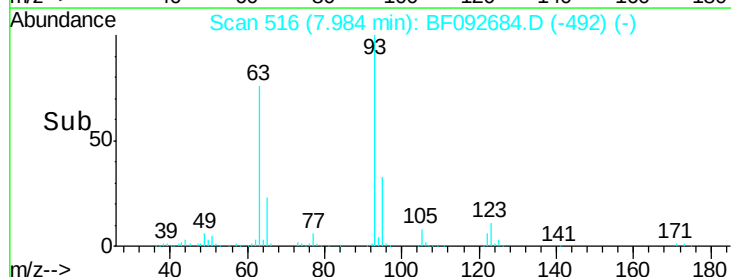
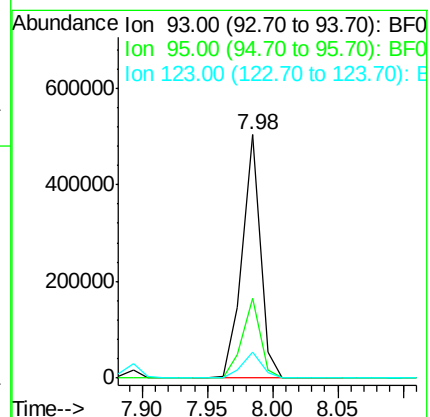
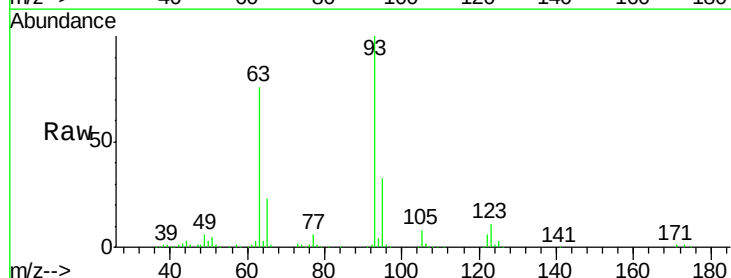
Tgt Ion: 93 Resp: 485473

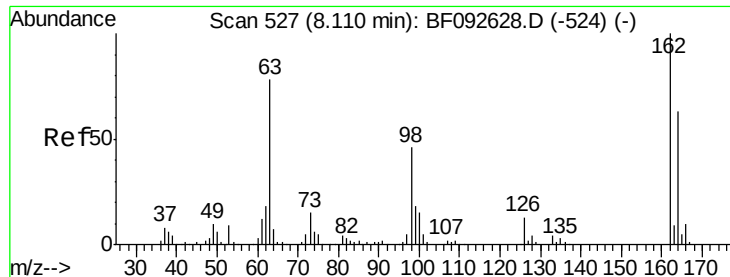
Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

123 10.7 8.6 13.0

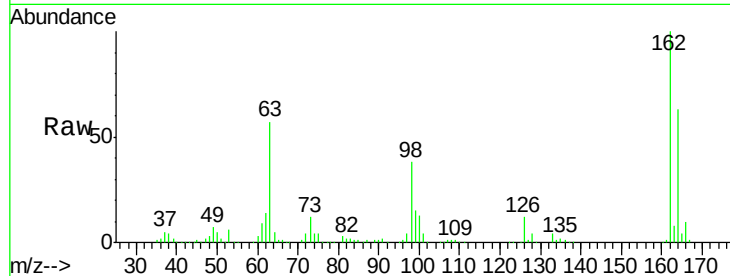




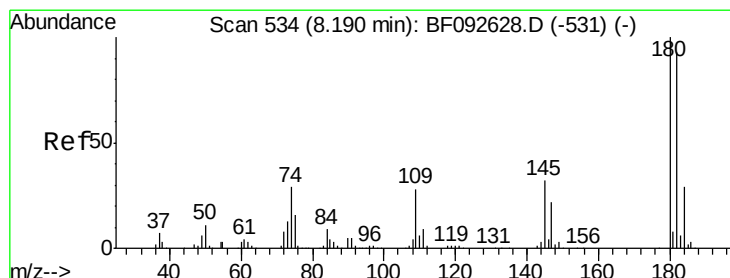
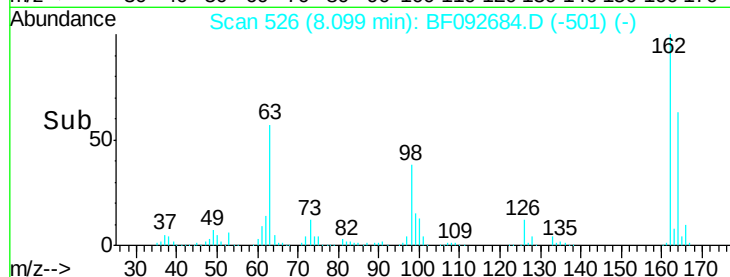
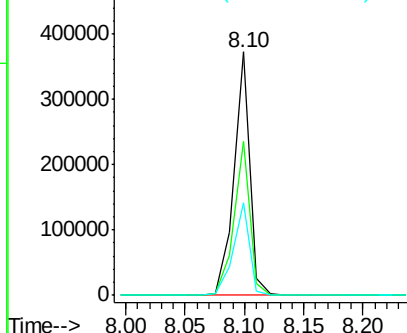
#29
 2,4-Dichlorophenol
 Concen: 42.52 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.8	86.8
98	37.8	9.1	49.1

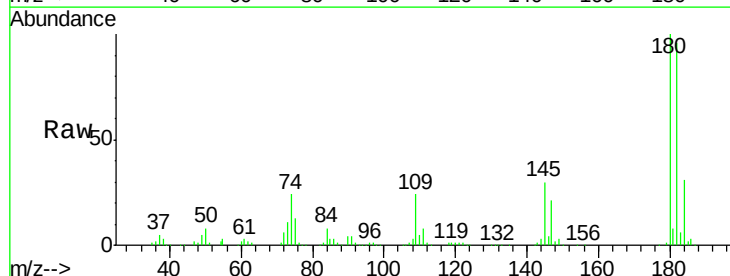


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

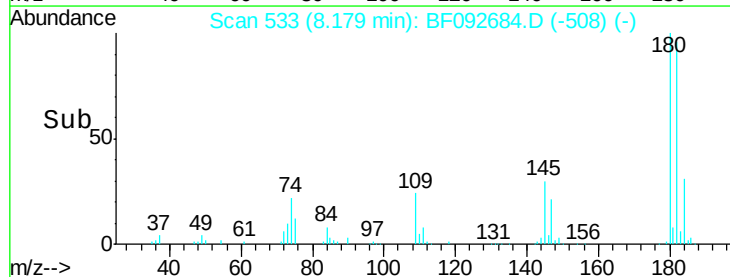
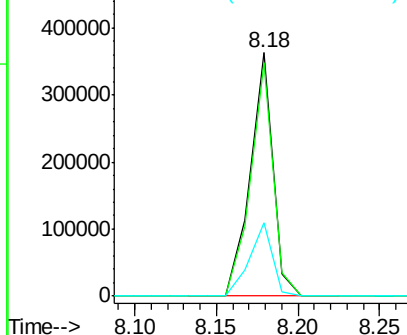


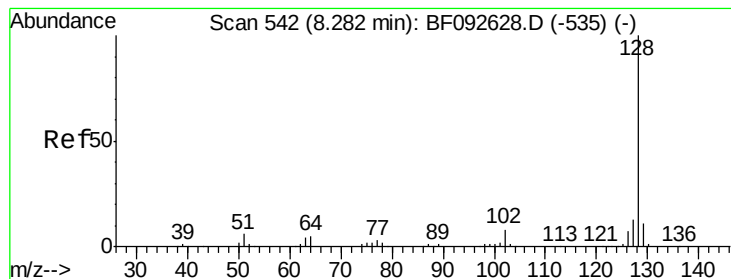
#30
 1,2,4-Trichlorobenzene
 Concen: 40.29 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.2	117.4
145	30.2	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: 37.39 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

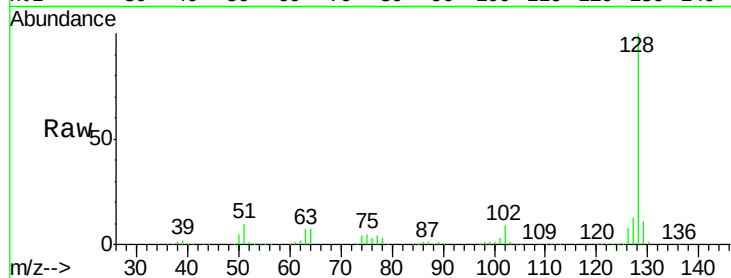
Tot Ion:128 Resp: 1066801

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

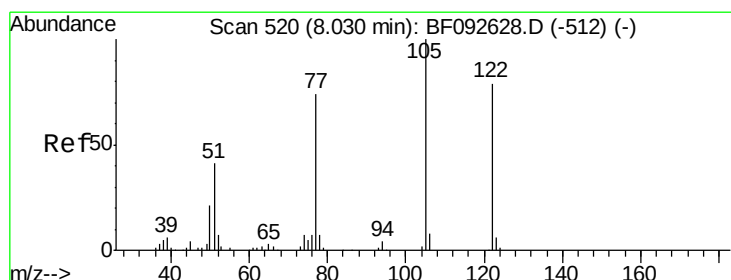
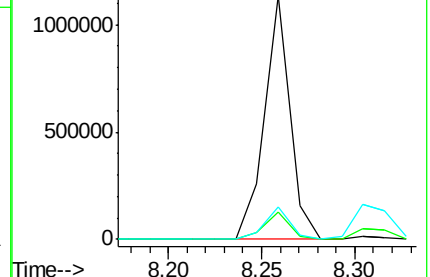
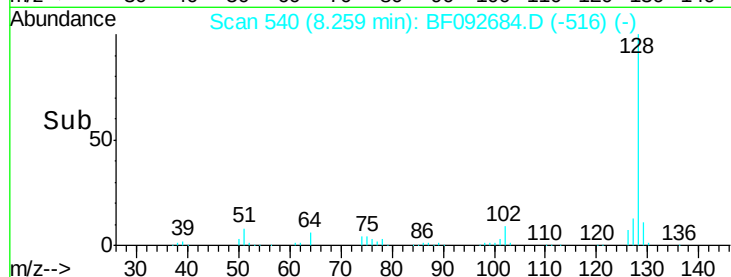
127 13.3 10.8 16.2



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: 26.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

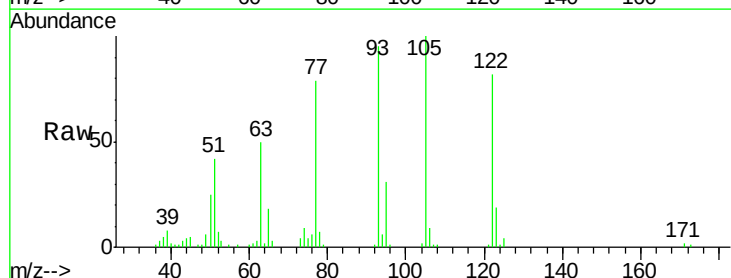
Tgt Ion:122 Resp: 108654

Ion Ratio Lower Upper

122 100

105 122.6 107.2 147.2

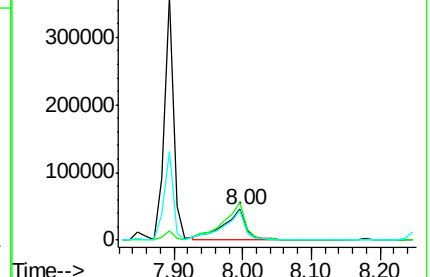
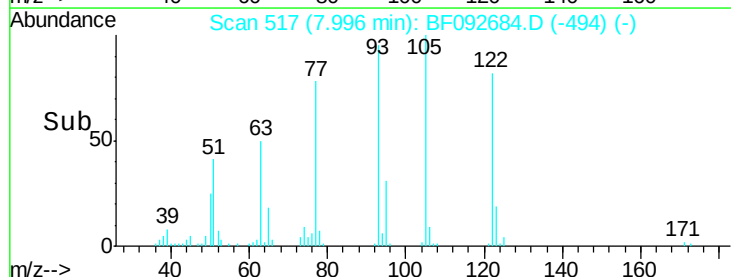
77 96.3 74.5 114.5

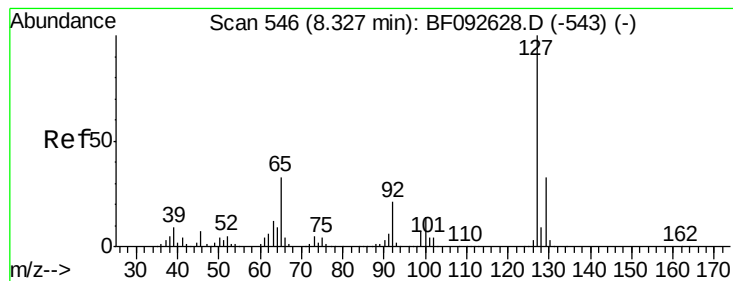


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.17 ng

RT: 8.30 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleID :

PB96561BS

Tot Ion:127 Resp: 225690

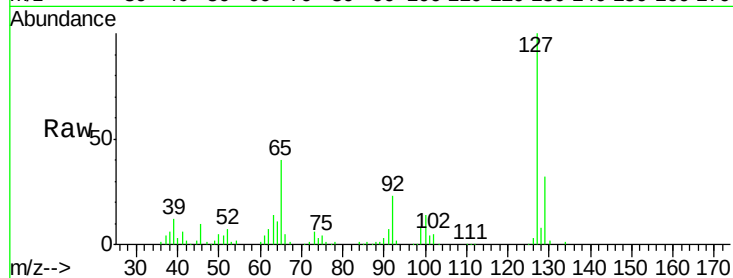
Ion Ratio Lower Upper

127 100

129 31.7 26.3 39.5

65 39.6 25.8 38.8#

92 23.0 16.1 24.1

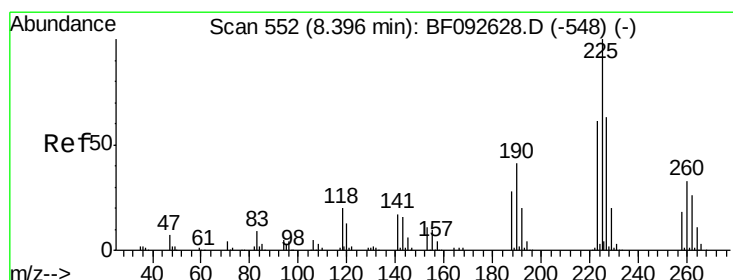
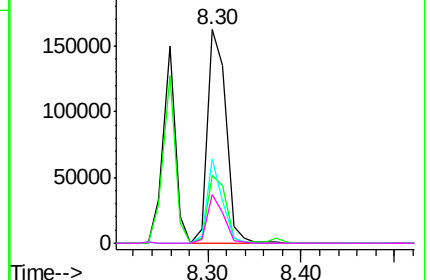
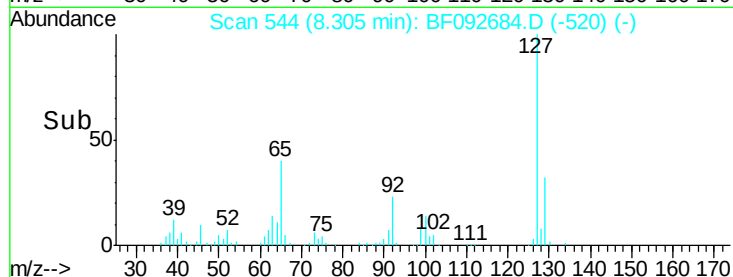


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.57 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

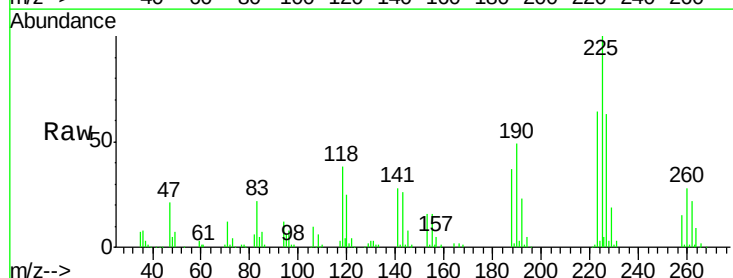
Tgt Ion:225 Resp: 175211

Ion Ratio Lower Upper

225 100

223 64.1 51.0 76.6

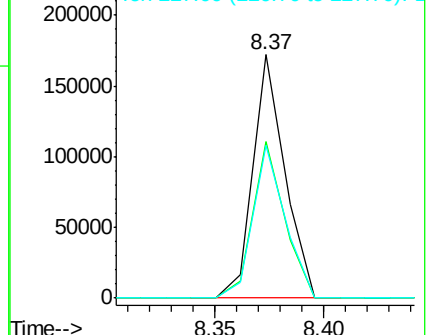
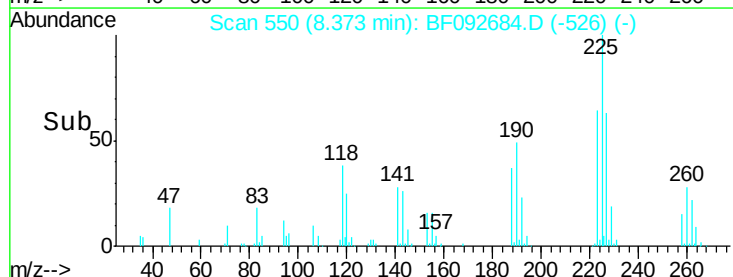
227 62.8 50.6 76.0

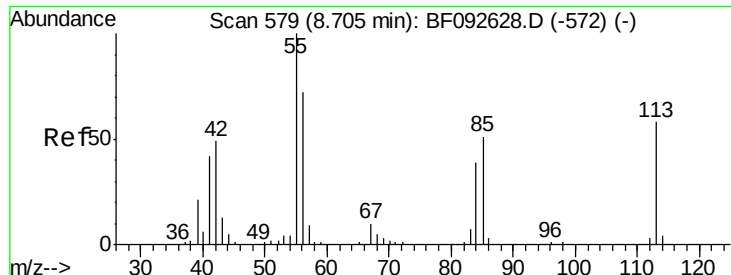


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

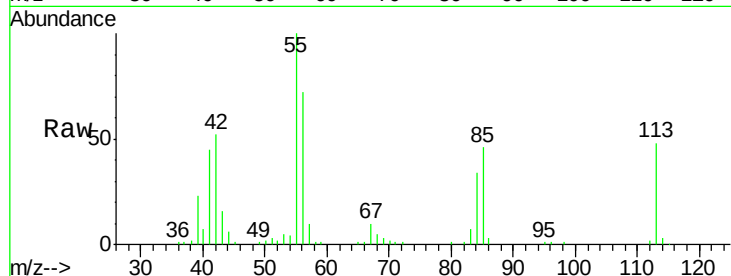




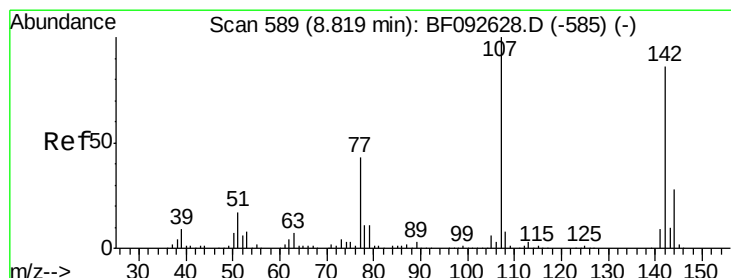
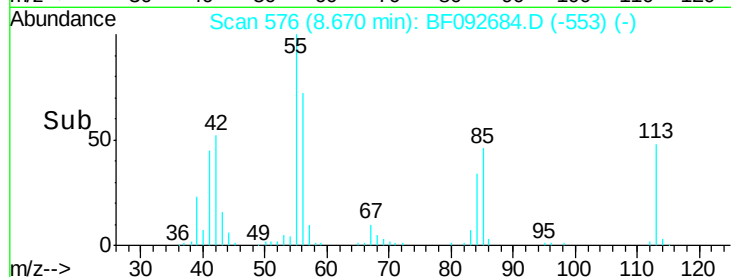
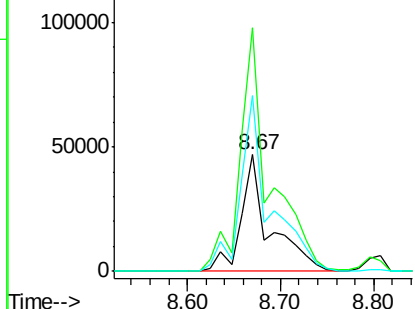
#35
 Caprolactam
 Concen: 39.18 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

Tot Ion:113 Resp: 99582
 Ion Ratio Lower Upper
 113 100
 55 208.4 119.2 159.2#
 56 150.1 83.8 123.8#

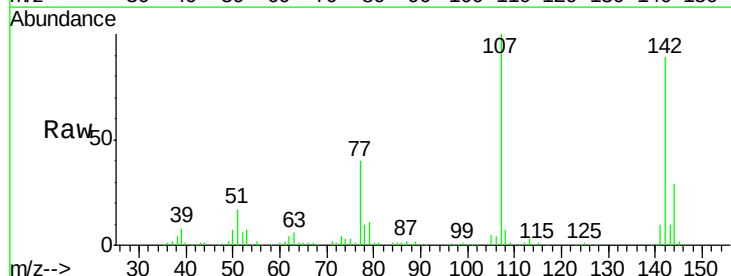


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

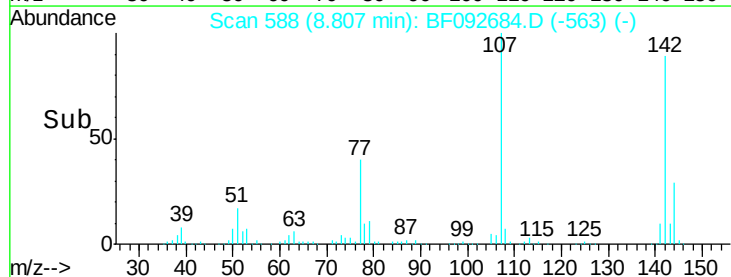
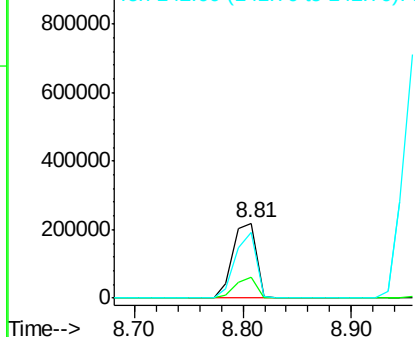


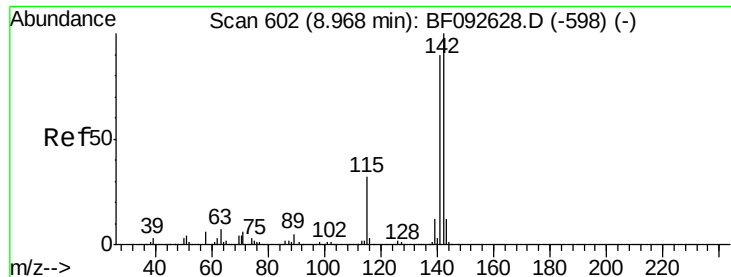
#36
 4-Chloro-3-methylphenol
 Concen: 38.23 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:107 Resp: 322021
 Ion Ratio Lower Upper
 107 100
 144 28.6 19.3 28.9
 142 88.7 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

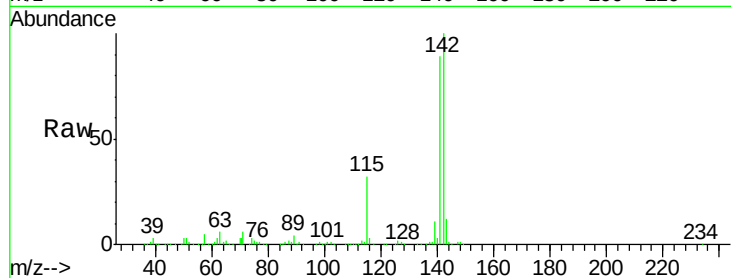




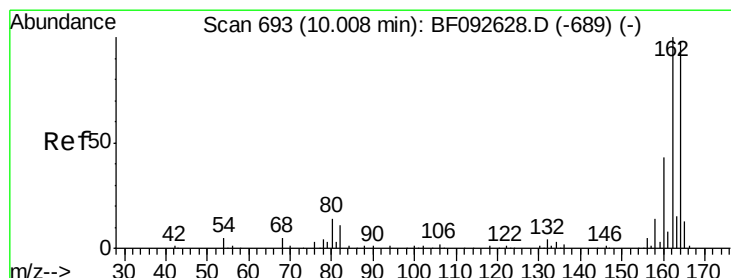
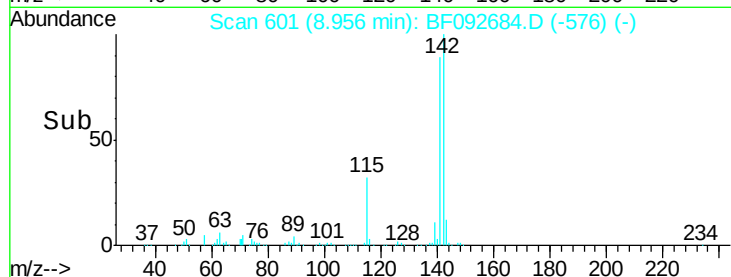
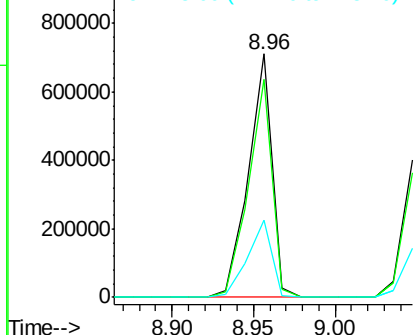
#37
2-Methylnaphthalene
Concen: 38.95 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96561BS

Tot Ion:142 Resp: 713458
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.6
115 31.9 28.3 42.5

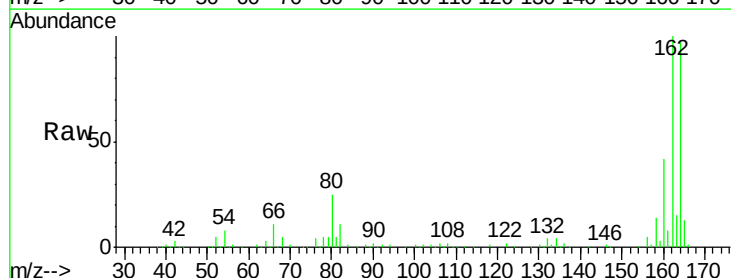


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

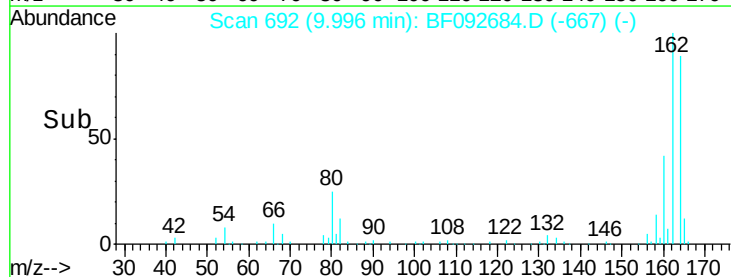
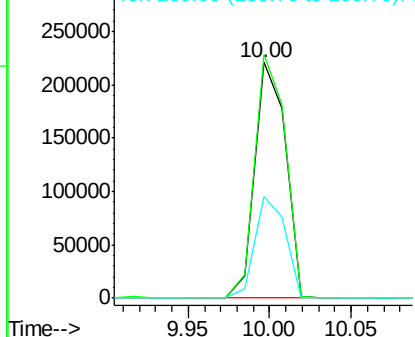


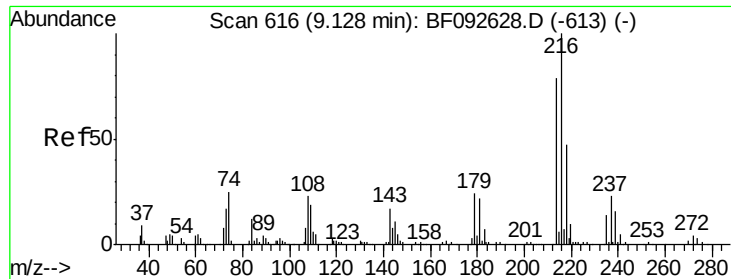
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:164 Resp: 289371
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 43.0 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.69 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

Tot Ion:216 Resp: 314259

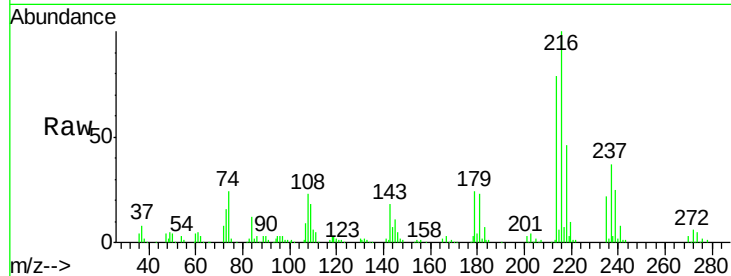
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 20.9 17.4 26.2

108 19.5 15.6 23.4

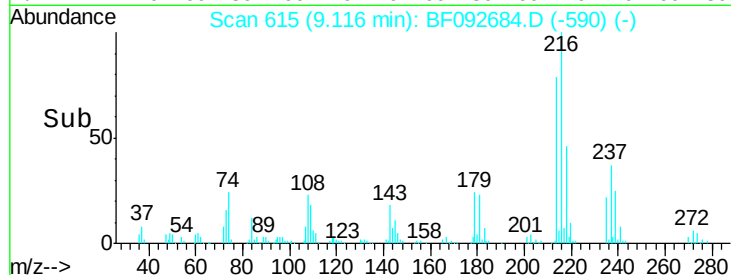


Abundance Ion 216.00 (215.70 to 216.70): E

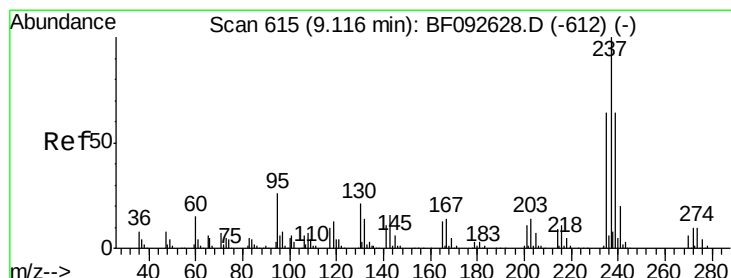
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 9.05 9.10 9.15



#40

Hexachlorocyclopentadiene

Concen: 72.29 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

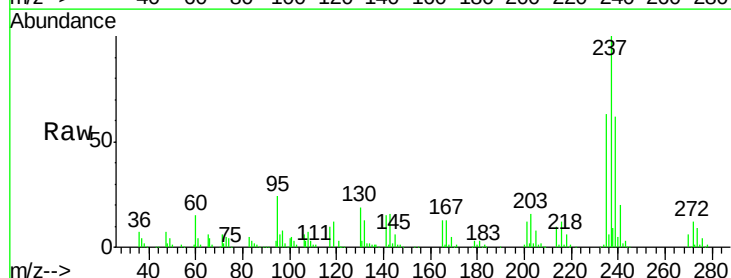
Tgt Ion:237 Resp: 264946

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

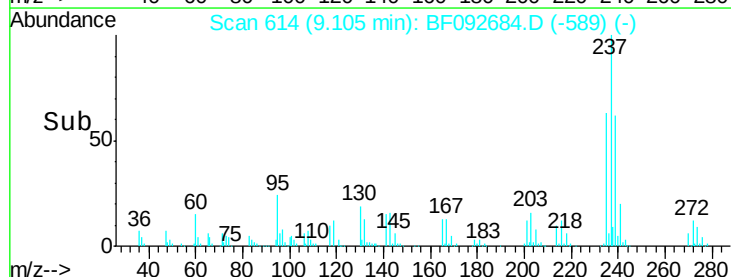
272 12.0 0.0 35.4



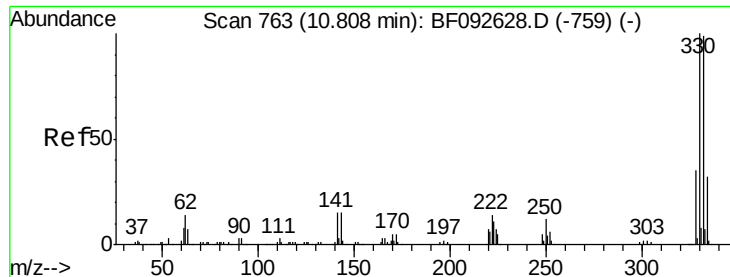
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



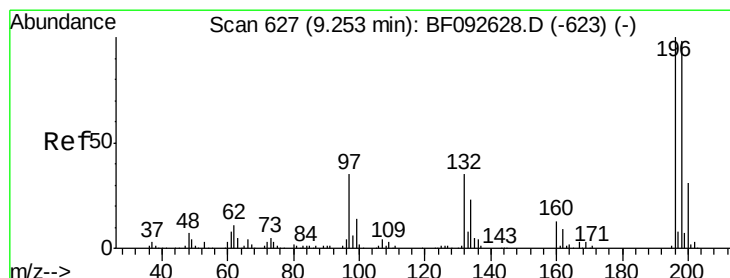
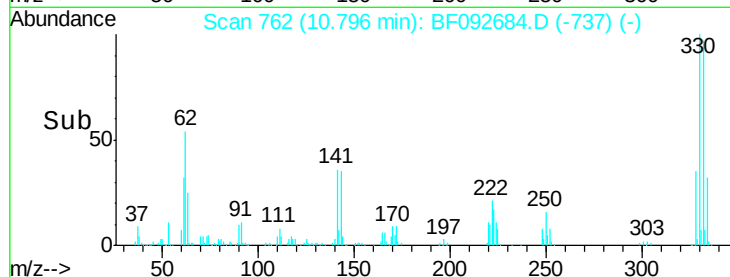
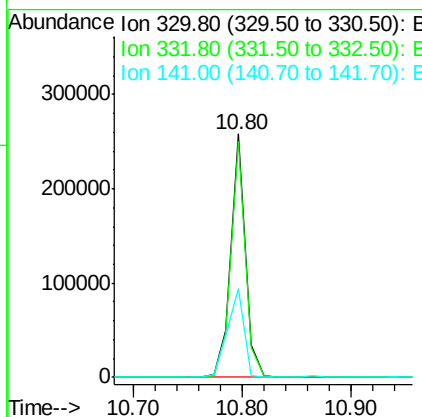
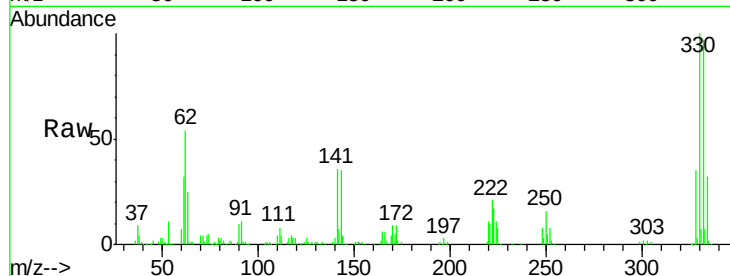
Time--> 9.05 9.10 9.15



#41
 2,4,6-Tribromophenol
 Concen: 114.15 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

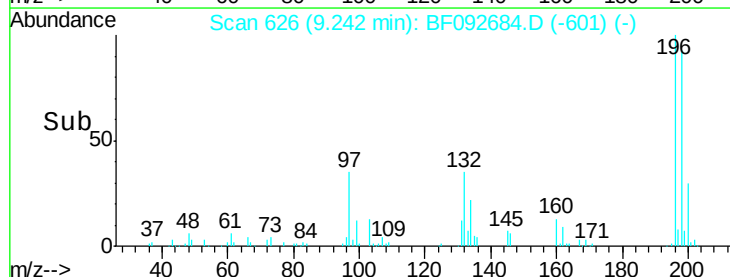
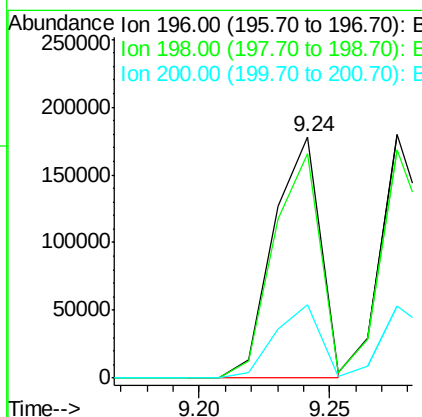
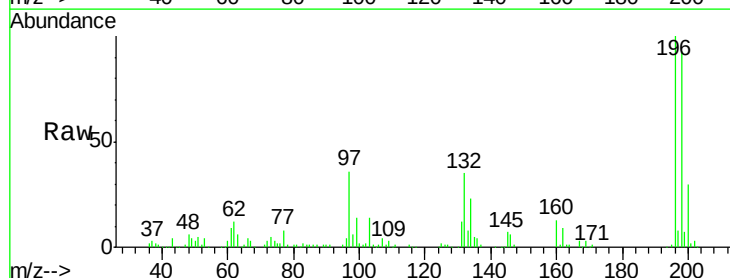
Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

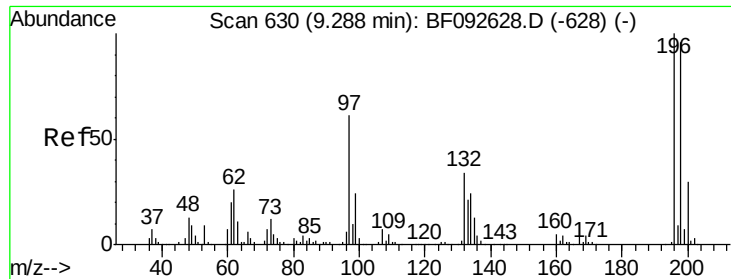
Tot Ion:330 Resp: 238911
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 41.2 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 41.46 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:196 Resp: 221288
 Ion Ratio Lower Upper
 196 100
 198 92.9 82.1 123.1
 200 30.4 27.0 40.4

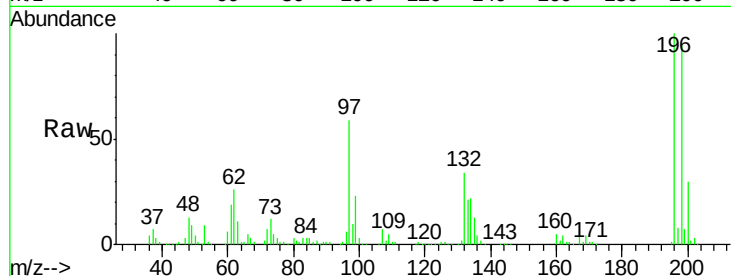




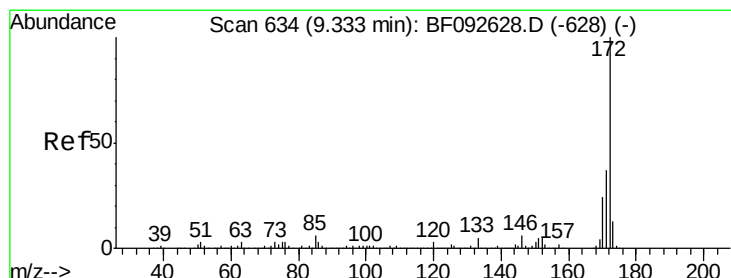
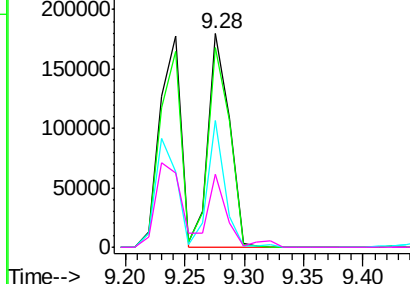
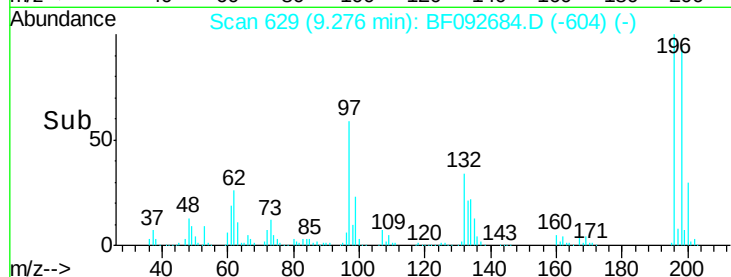
#43
 2,4,5-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

Tot Ion:196 Resp: 222420
 Ion Ratio Lower Upper
 196 100
 198 93.8 79.4 119.2
 97 59.4 51.5 77.3
 132 34.0 27.4 41.2

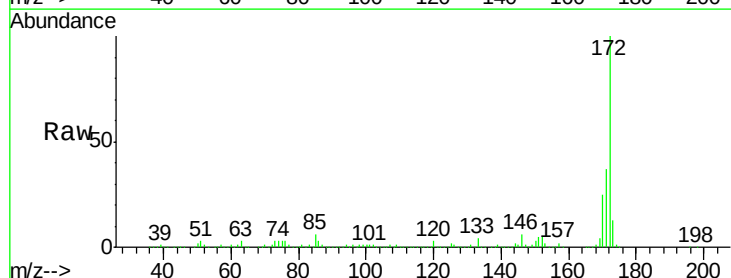


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

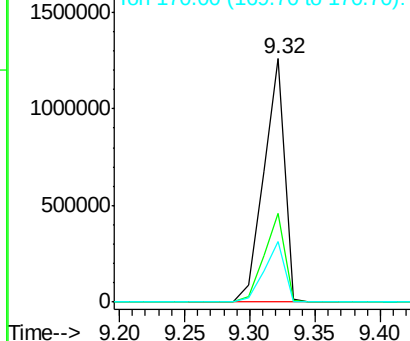
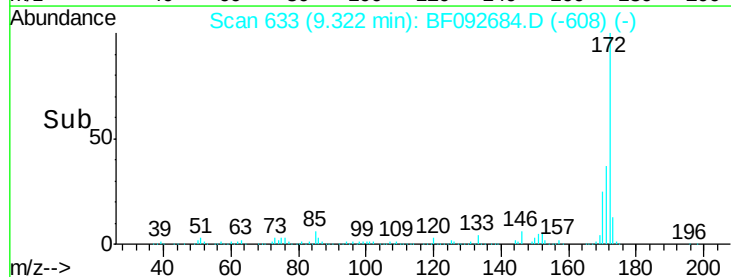


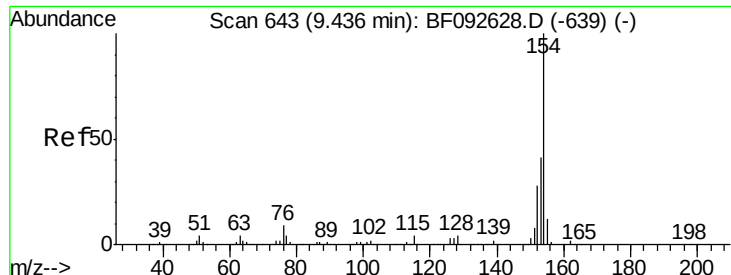
#44
 2-Fluorobiphenyl
 Concen: 88.05 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:172 Resp: 1406319
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.7 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: 43.26 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

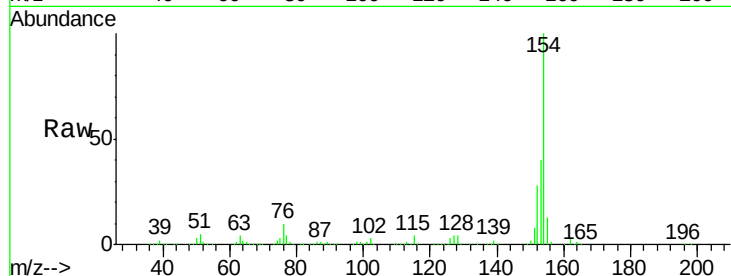
Tot Ion:154 Resp: 906473

Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

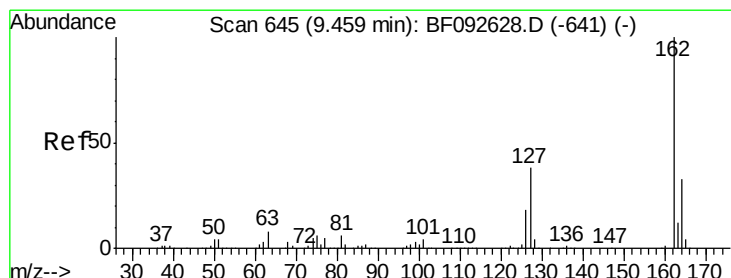
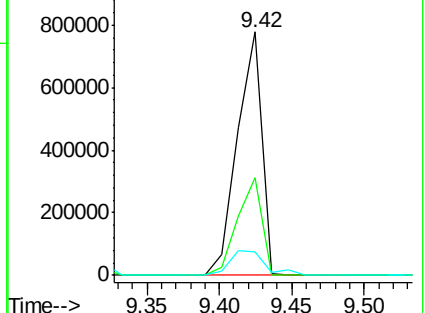
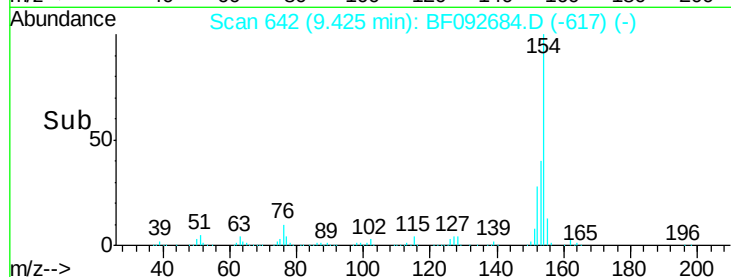
76 9.8 0.0 30.5



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: 42.20 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

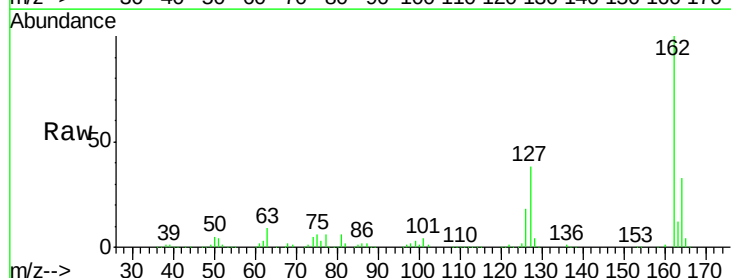
Tgt Ion:162 Resp: 691773

Ion Ratio Lower Upper

162 100

127 37.8 30.7 46.1

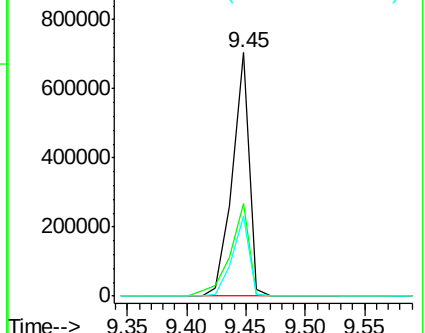
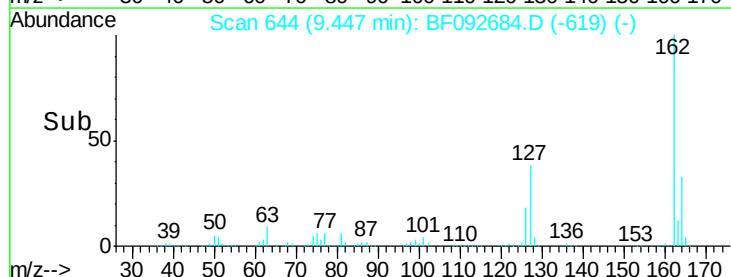
164 32.7 27.6 41.4

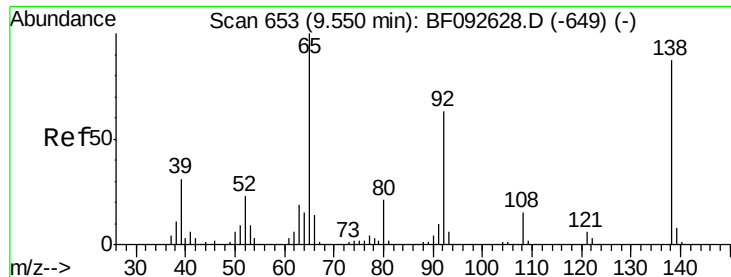


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

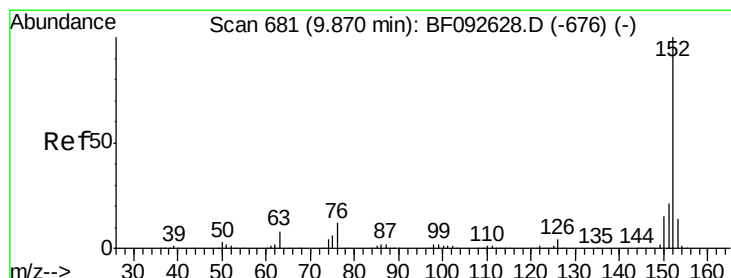
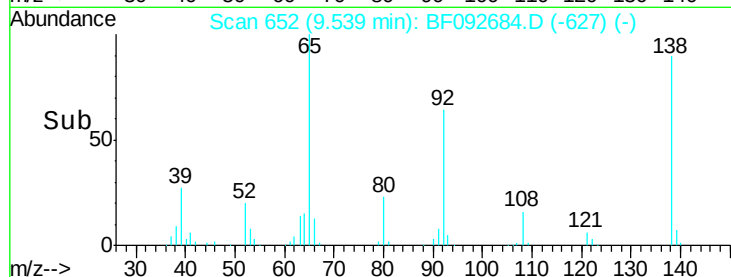
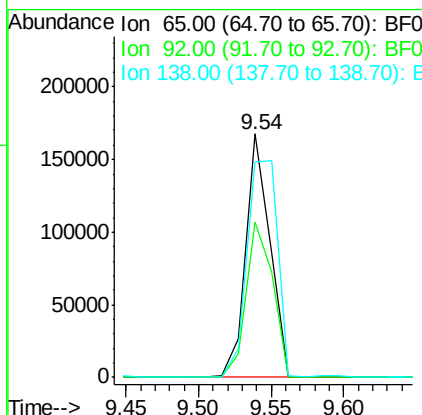
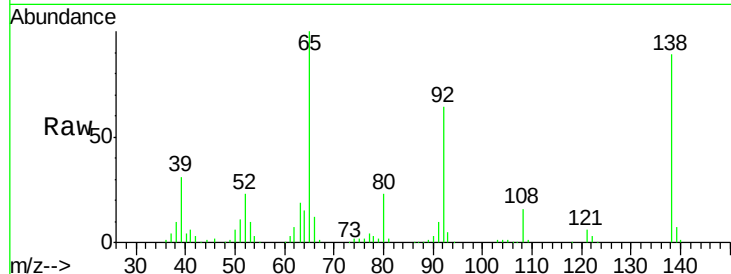




#47
 2-Nitroaniline
 Concen: 35.12 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

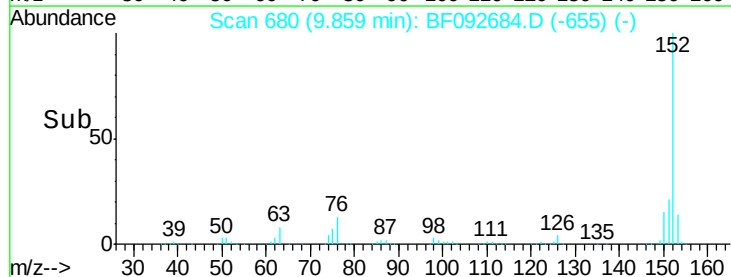
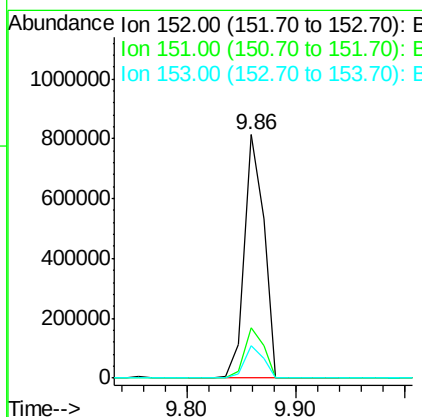
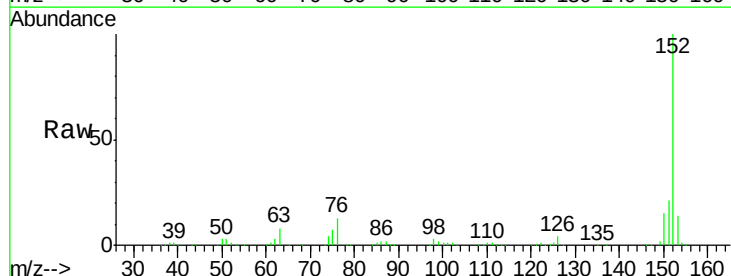
Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

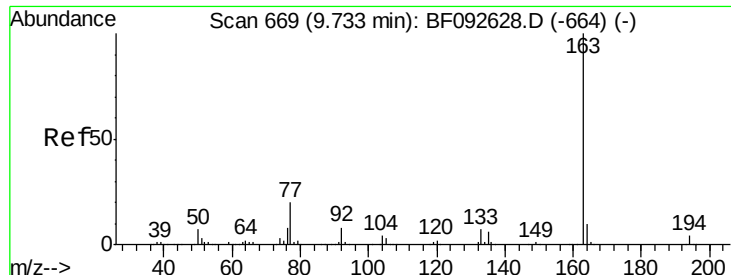
Tot Ion: 65 Resp: 193559
 Ion Ratio Lower Upper
 65 100
 92 63.6 53.9 80.9
 138 88.5 76.8 115.2



#48
 Acenaphthylene
 Concen: 35.55 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion: 152 Resp: 1006554
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.9 25.3
 153 13.5 11.4 17.2

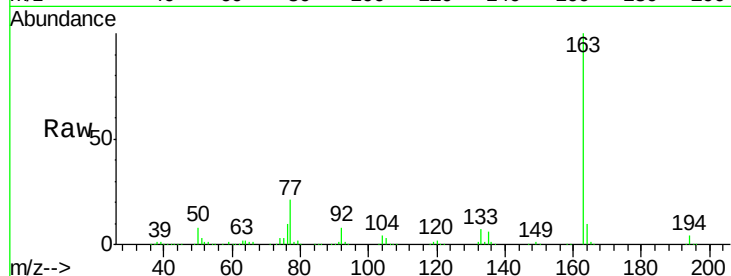




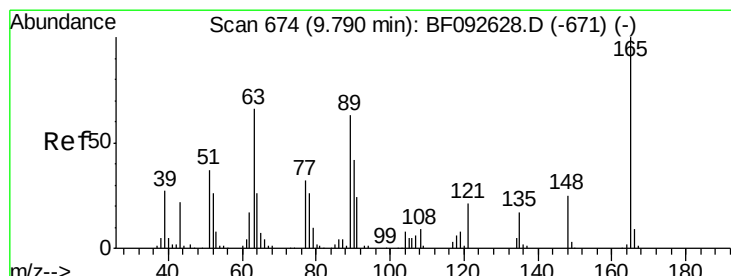
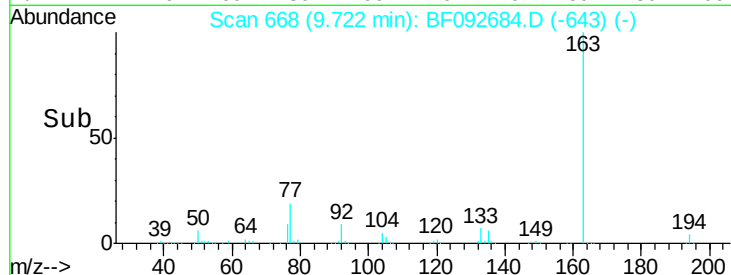
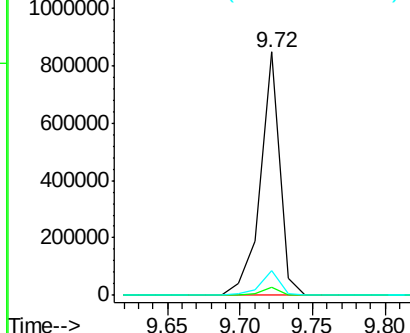
#49
Dimethylphthalate
Concen: 40.11 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96561BS

Tot Ion:163 Resp: 781719
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 8.0 12.0

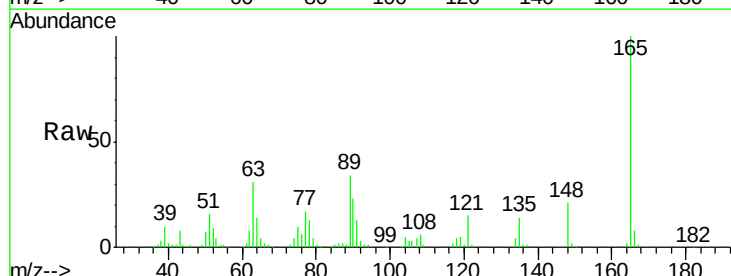


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

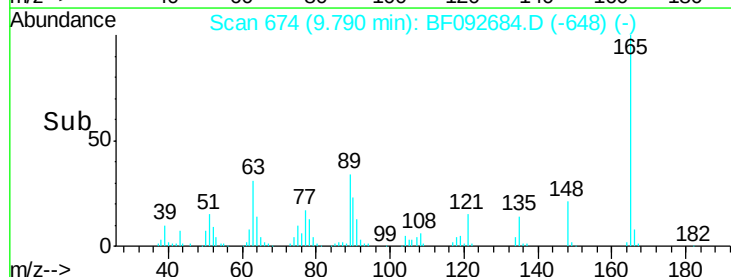
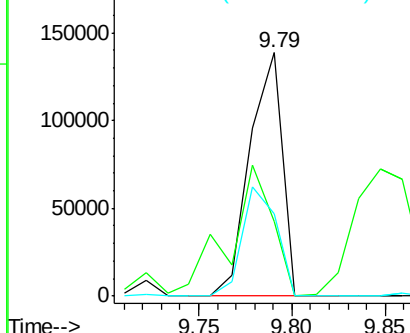


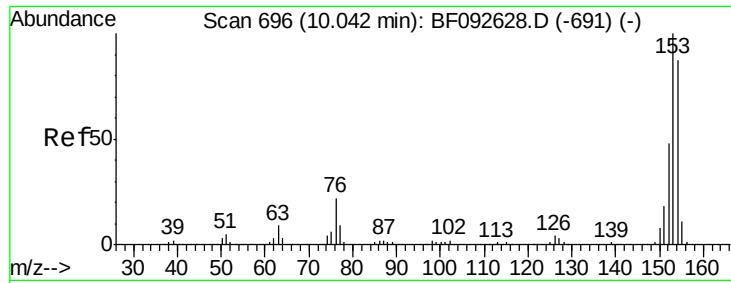
#50
2,6-Dinitrotoluene
Concen: 40.29 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:165 Resp: 169607
Ion Ratio Lower Upper
165 100
63 30.8 36.2 54.4#
89 34.1 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: 37.63 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

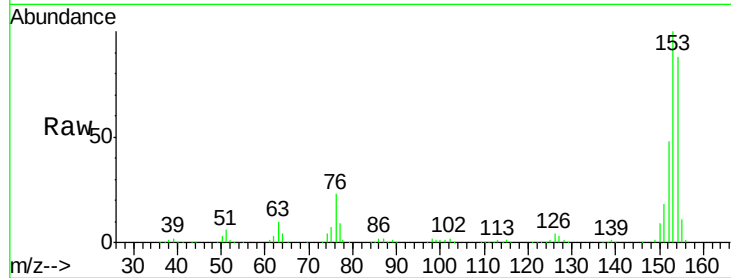
Tot Ion:154 Resp: 637038

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

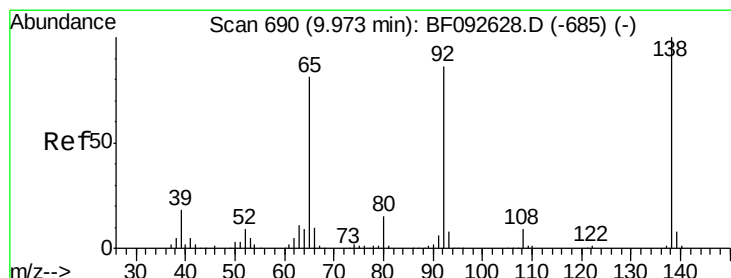
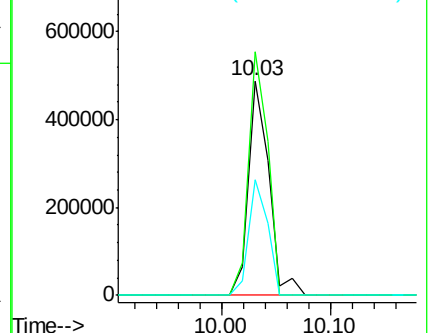
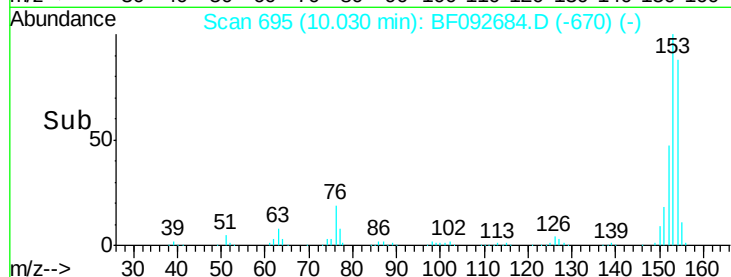
152 54.1 41.6 62.4



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: 23.03 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

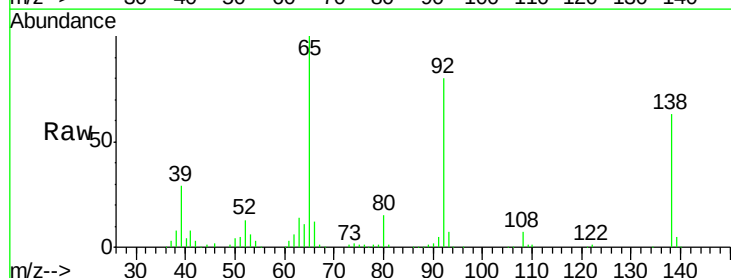
Tgt Ion:138 Resp: 110931

Ion Ratio Lower Upper

138 100

108 11.7 8.5 12.7

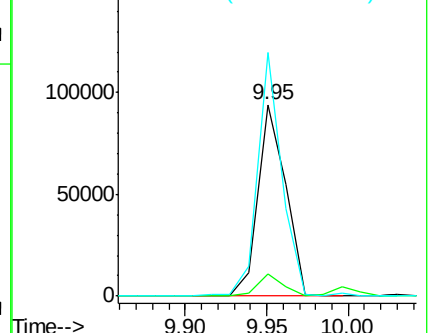
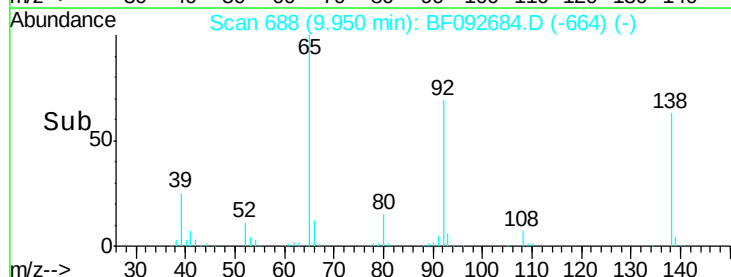
92 127.2 97.8 146.8

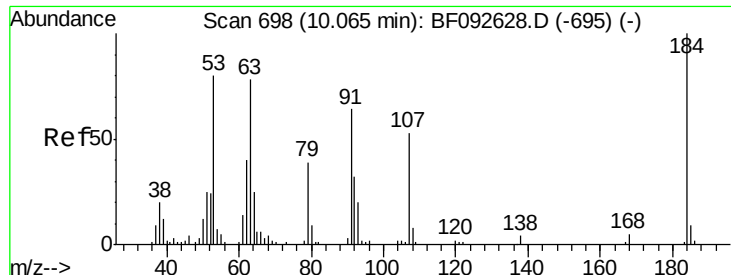


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

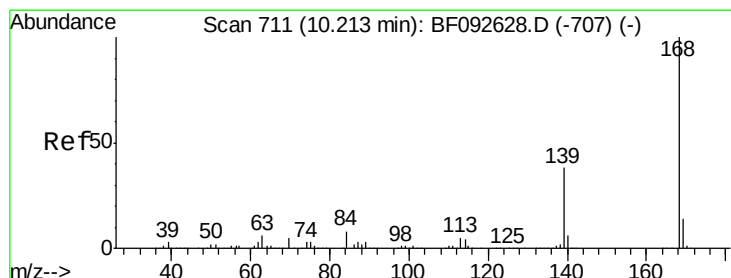
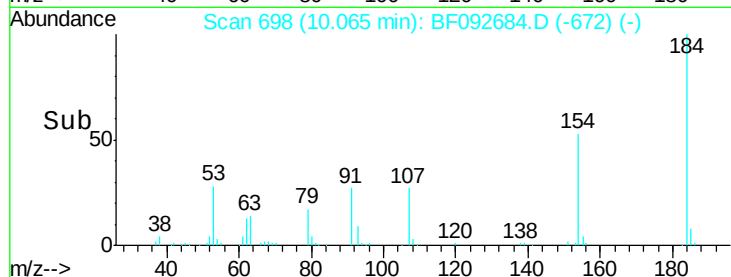
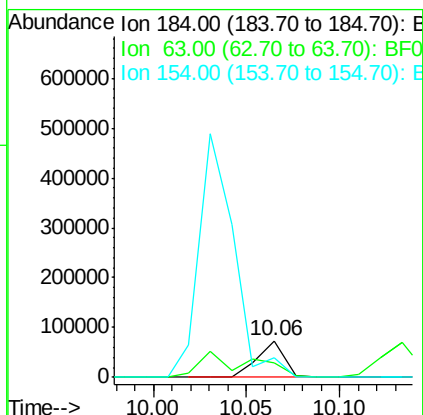
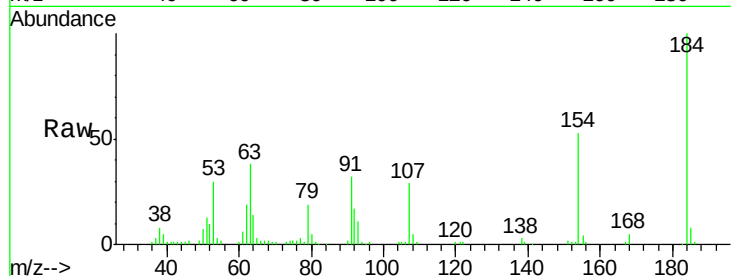




#53
 2,4-Dinitrophenol
 Concen: 38.02 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

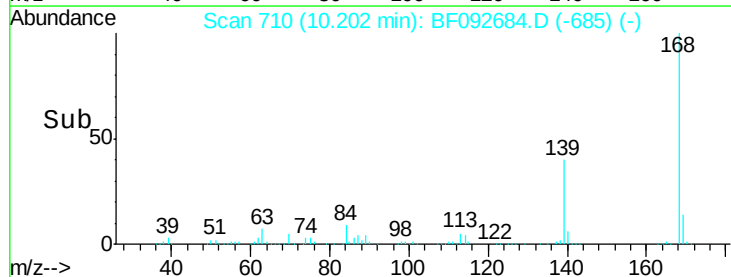
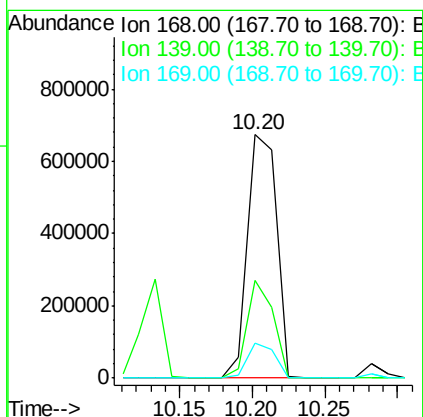
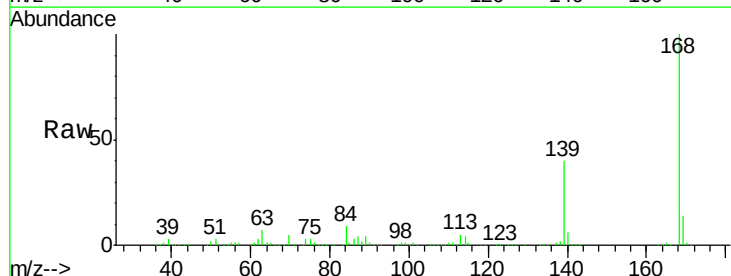
Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

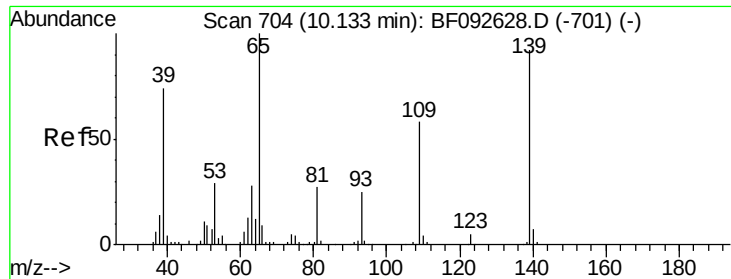
Tot Ion:184 Resp: 75768
 Ion Ratio Lower Upper
 184 100
 63 38.1 28.4 42.6
 154 53.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 41.51 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:168 Resp: 939903
 Ion Ratio Lower Upper
 168 100
 139 40.0 32.6 49.0
 169 14.3 11.3 16.9

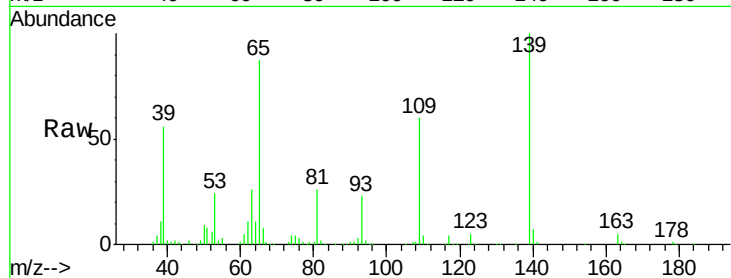




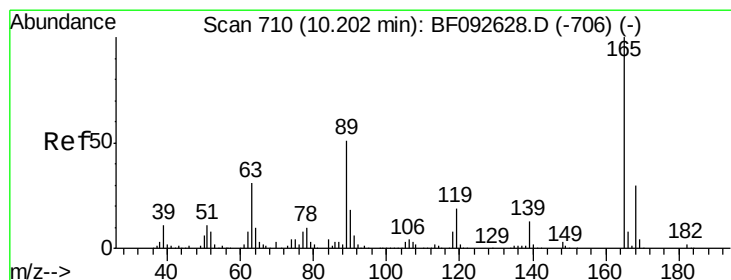
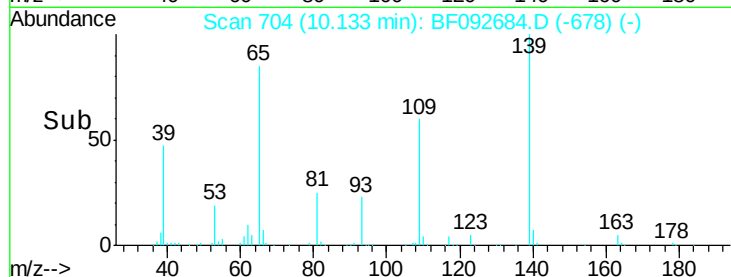
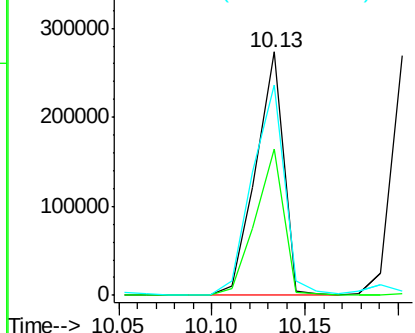
#55
4-Nitrophenol
Concen: 81.44 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96561BS

Tot Ion:139 Resp: 282565
Ion Ratio Lower Upper
139 100
109 59.9 52.2 92.2
65 86.6 85.8 125.8

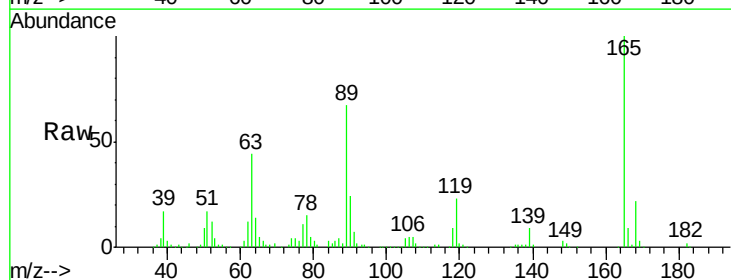


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

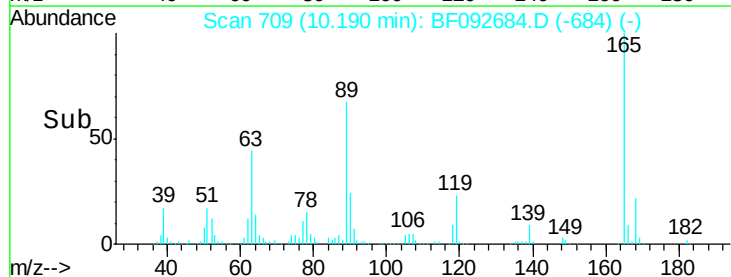
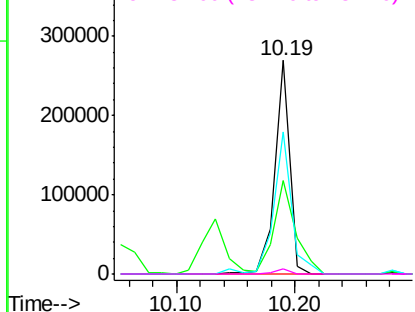


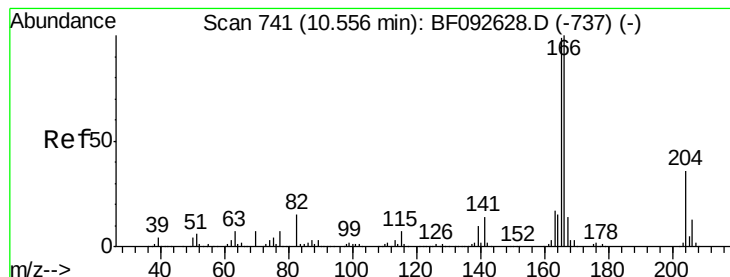
#56
2,4-Dinitrotoluene
Concen: 41.96 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:165 Resp: 235141
Ion Ratio Lower Upper
165 100
63 43.9 40.2 60.4
89 66.7 62.5 93.7
182 2.3 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.53 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

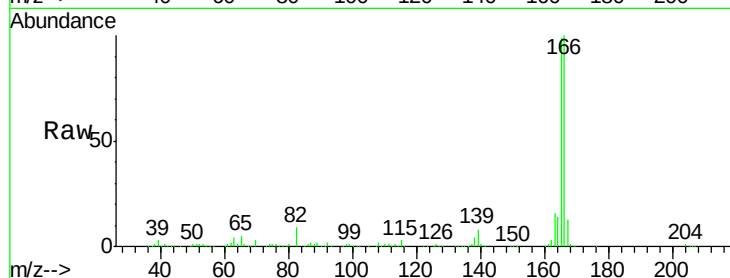
Tot Ion:166 Resp: 723446

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

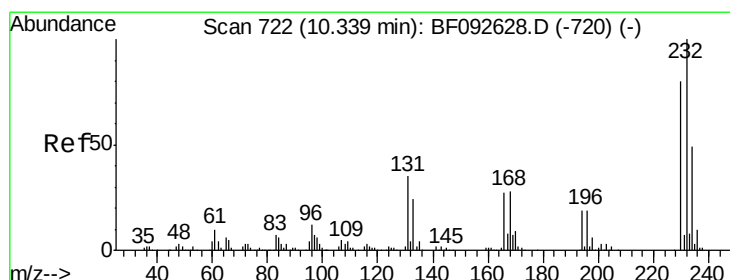
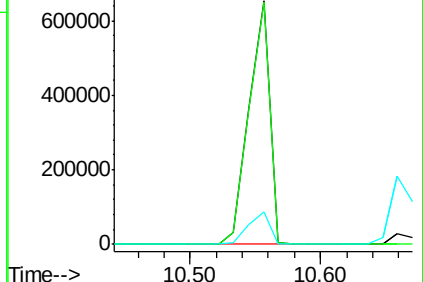
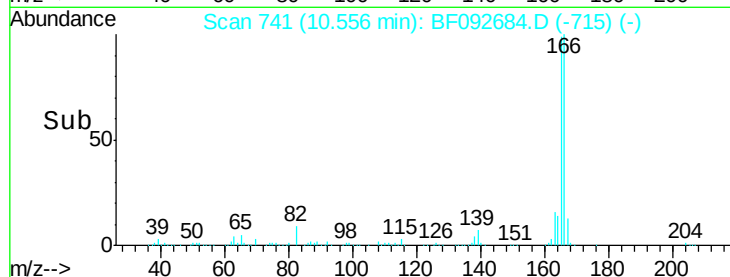
167 13.2 10.8 16.2



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: 44.11 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Tgt Ion:232 Resp: 172079

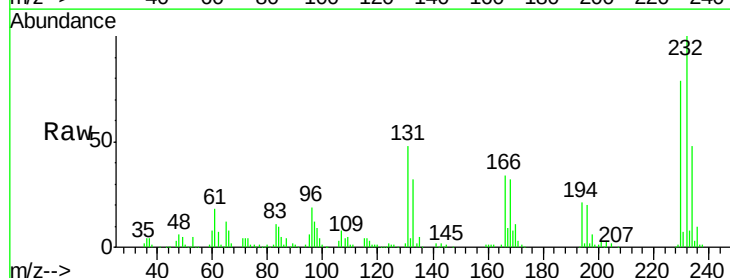
Ion Ratio Lower Upper

232 100

131 47.6 40.1 60.1

130 2.3 1.8 2.8

166 33.1 26.6 39.8

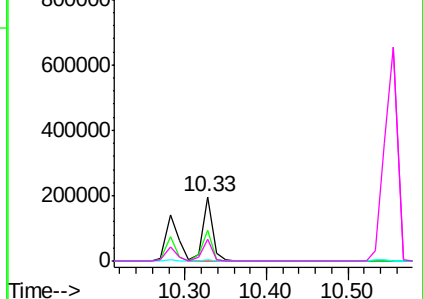
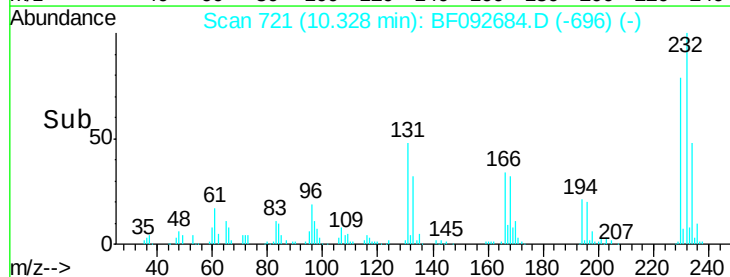


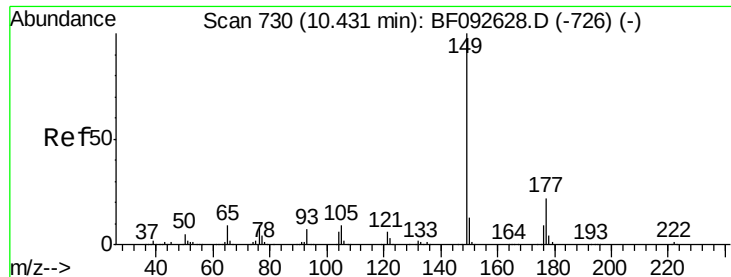
Abundance Ion 232.00 (231.70 to 232.70): E

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

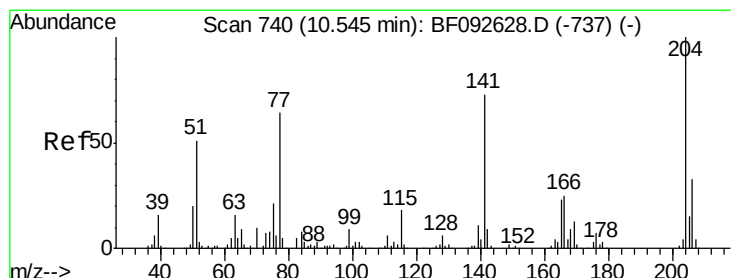
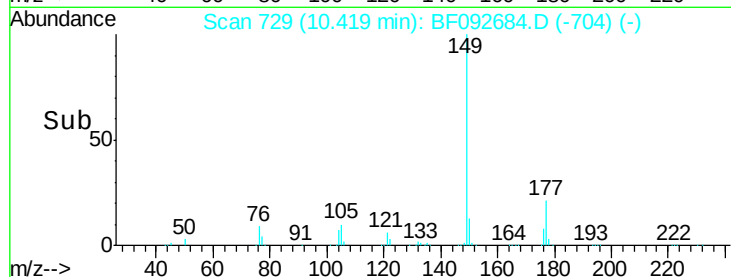
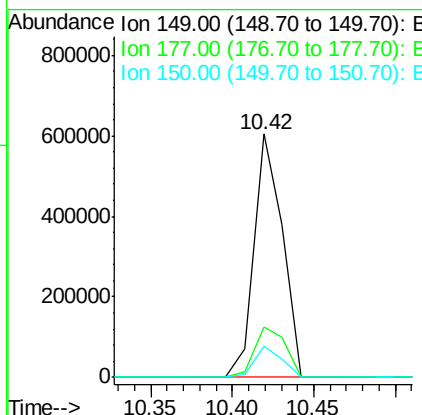
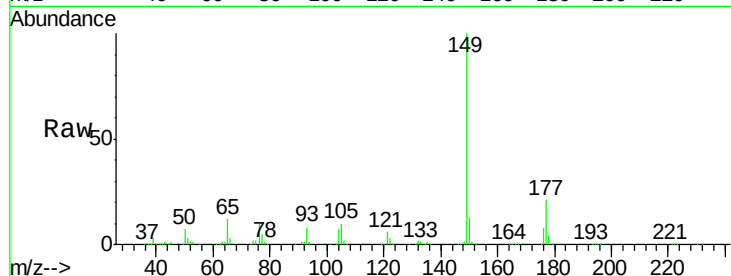




#59
Diethylphthalate
Concen: 39.57 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

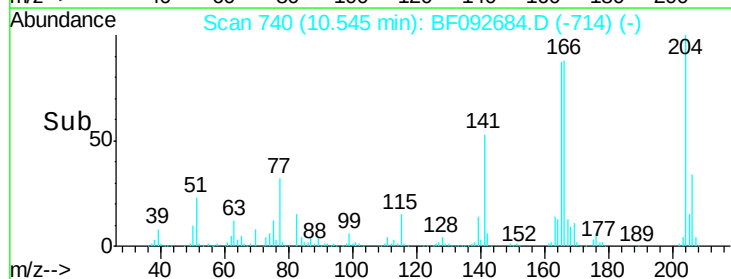
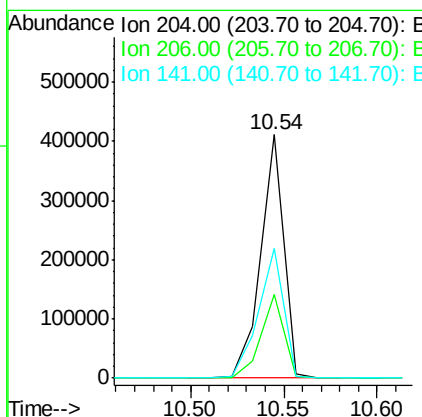
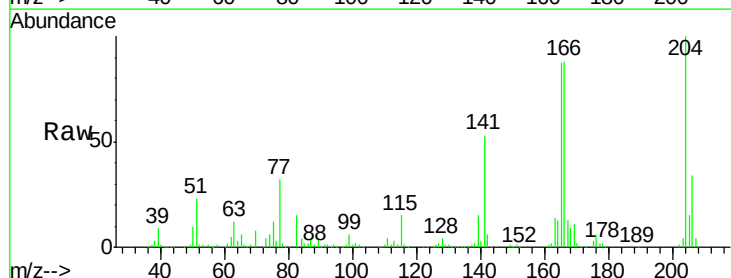
Instrument :
BNA_F
ClientSampleId :
PB96561BS

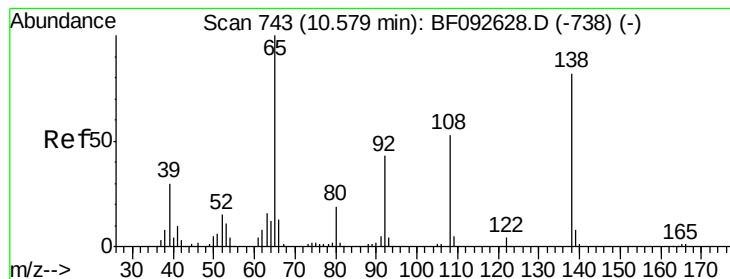
Tot Ion:149 Resp: 726887
Ion Ratio Lower Upper
149 100
177 20.8 16.6 25.0
150 13.0 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 41.76 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:204 Resp: 349483
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 53.3 59.4 89.0#





#61

4-Nitroaniline

Concen: 35.83 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

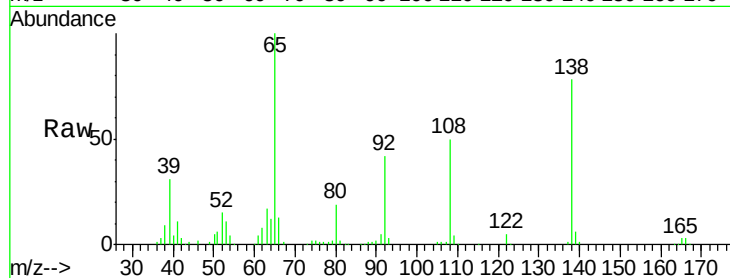
Tot Ion:138 Resp: 176771

Ion Ratio Lower Upper

138 100

92 53.3 31.7 71.7

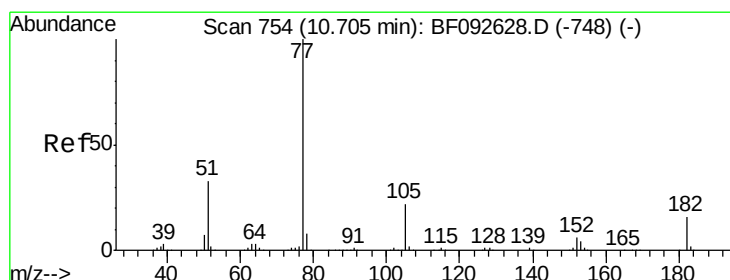
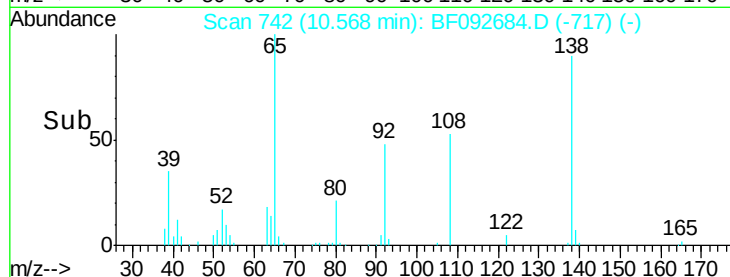
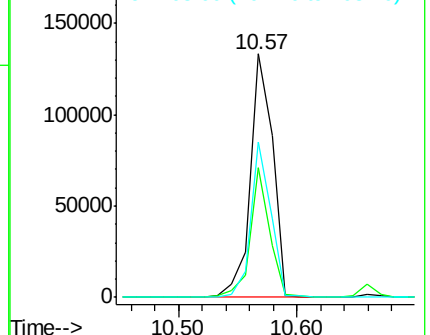
108 63.7 52.6 92.6



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: 44.52 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Tgt Ion: 77 Resp: 844880

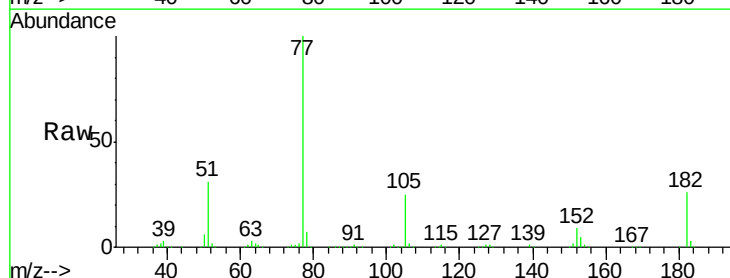
Ion Ratio Lower Upper

77 100

182 25.6 0.0 39.3

105 24.7 2.3 42.3

51 30.8 8.9 48.9

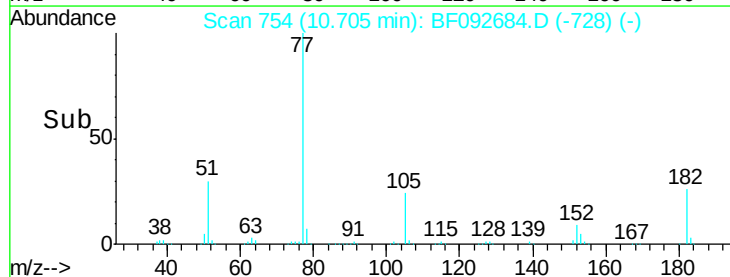
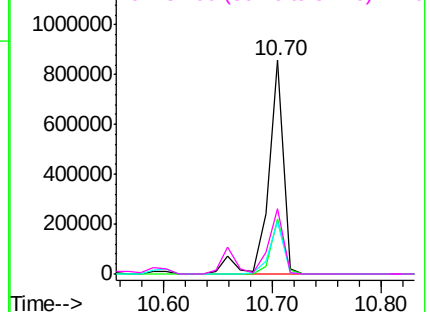


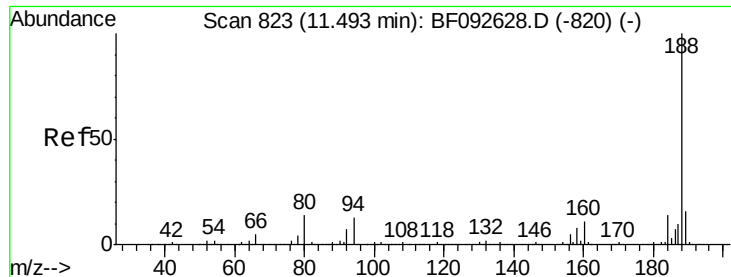
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

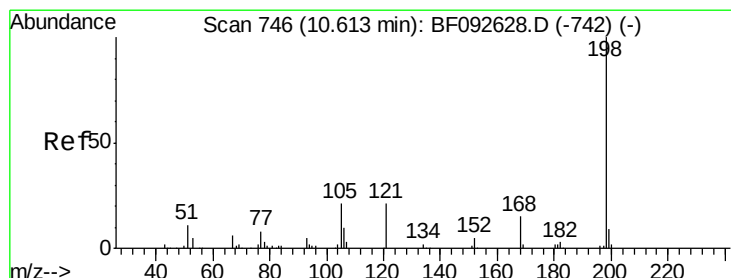
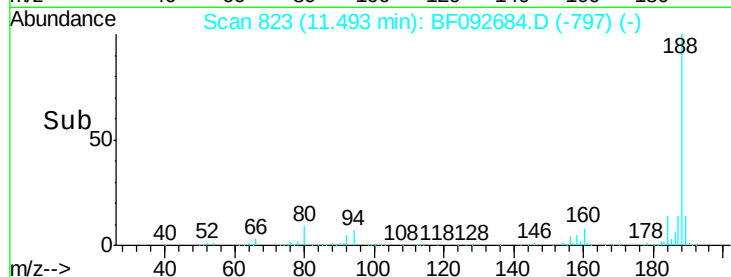
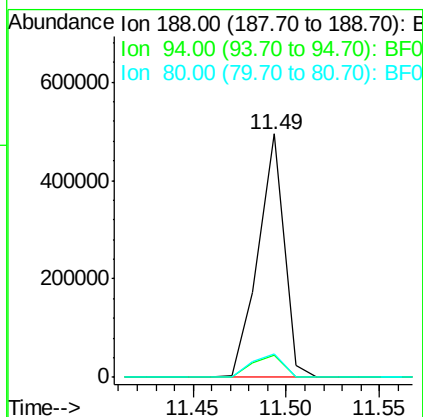
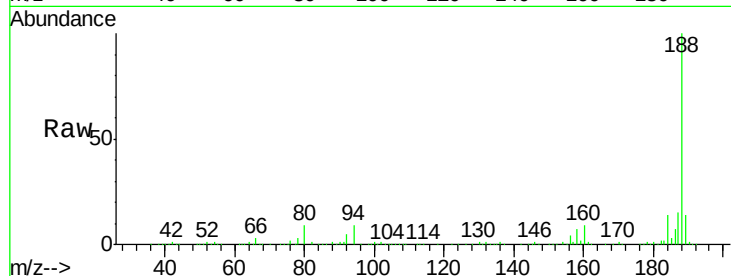




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

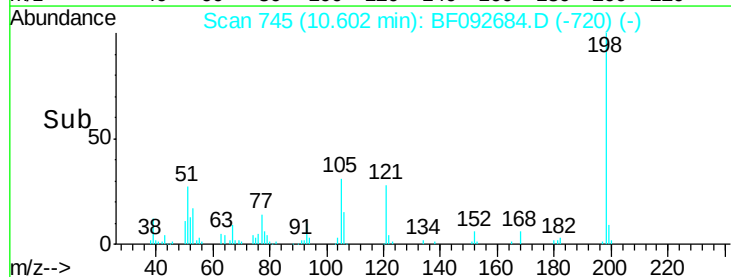
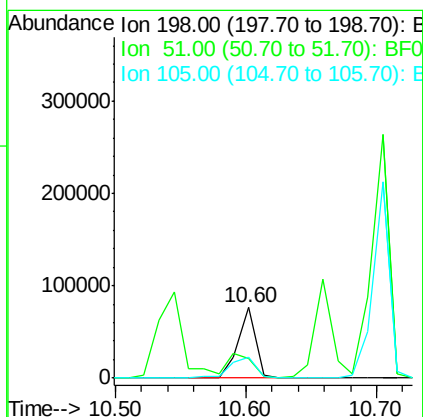
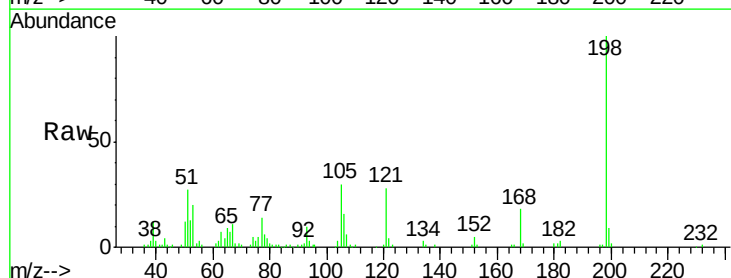
Instrument :
BNA_F
ClientSampleId :
PB96561BS

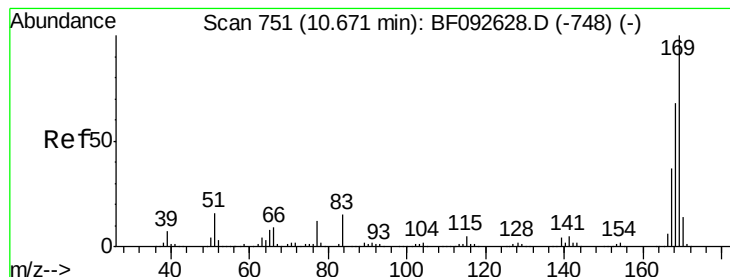
Tot Ion:188 Resp: 477190
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.4 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 26.04 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:198 Resp: 71890
Ion Ratio Lower Upper
198 100
51 27.3 6.7 46.7
105 29.9 16.6 56.6

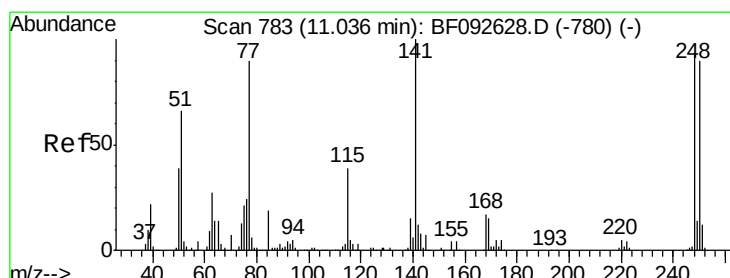
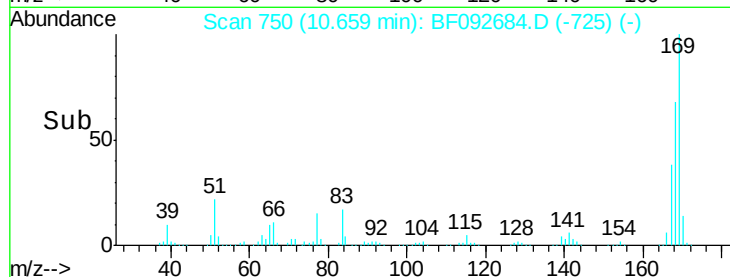
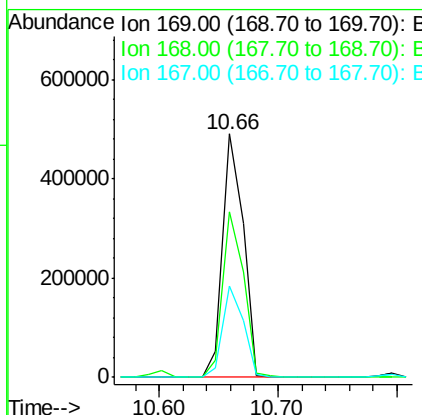
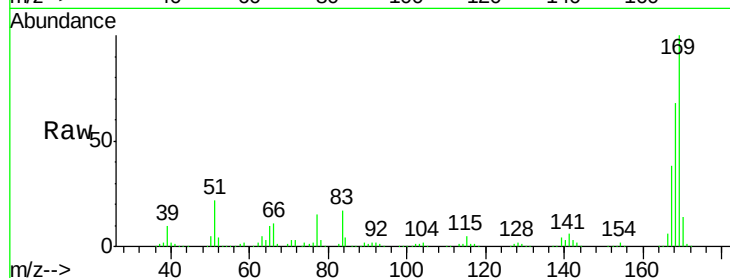




#65
 n-Nitrosodiphenylamine
 Concen: 38.69 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

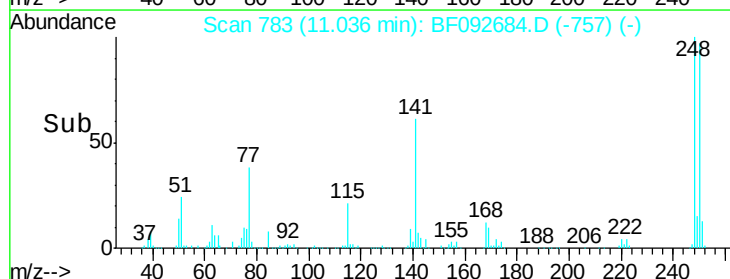
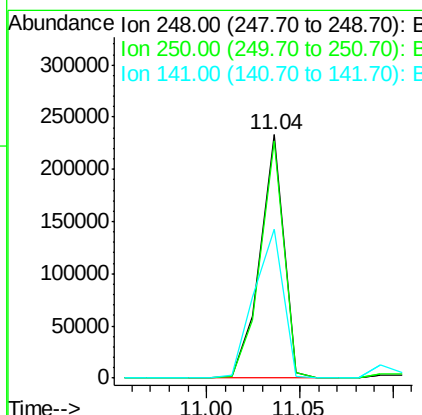
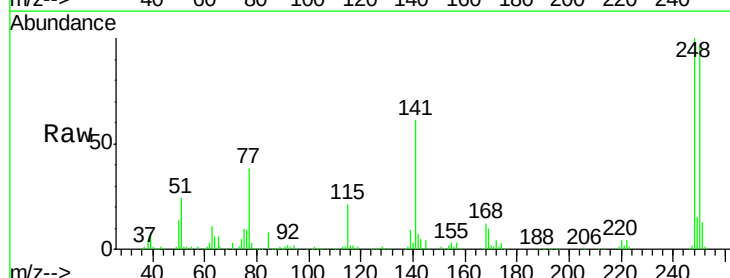
Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

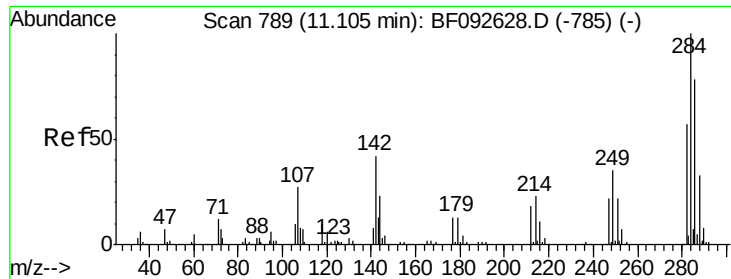
Tot Ion:169 Resp: 589780
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.2 81.2
 167 37.5 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 41.25 ng
 RT: 11.04 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:248 Resp: 205667
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 61.4 68.2 102.4#

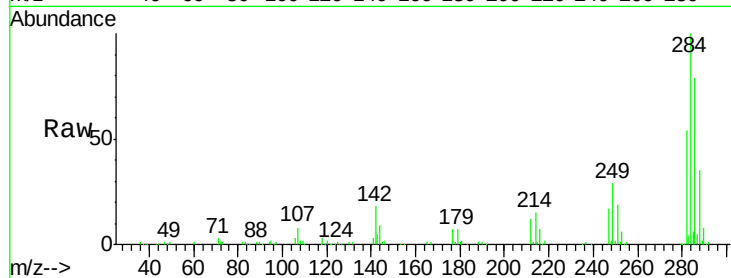




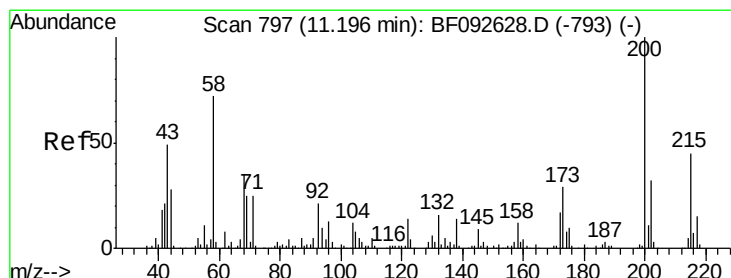
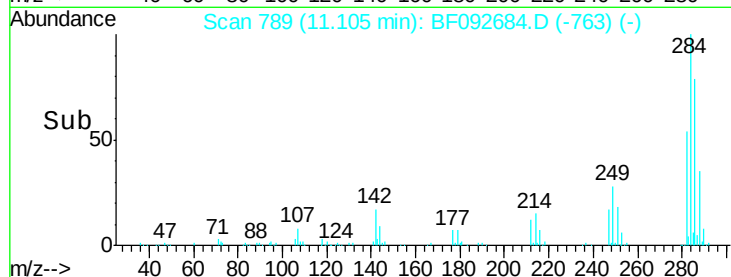
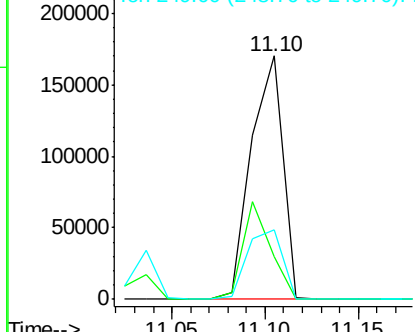
#67
Hexachlorobenzene
Concen: 40.48 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96561BS

Tot Ion:284 Resp: 199440
Ion Ratio Lower Upper
284 100
142 17.6 22.6 33.8#
249 28.7 25.4 38.0

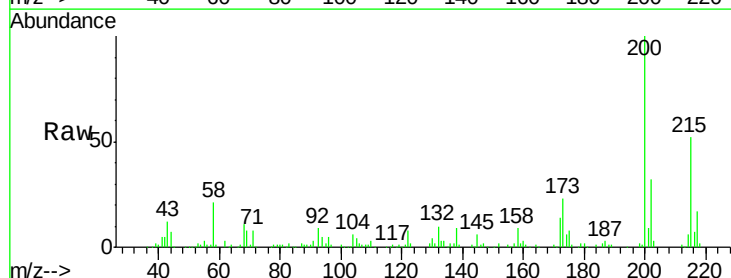


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

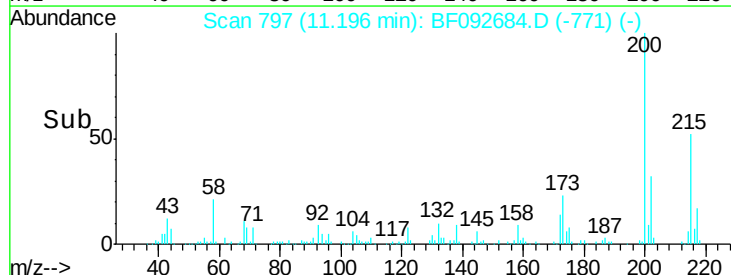
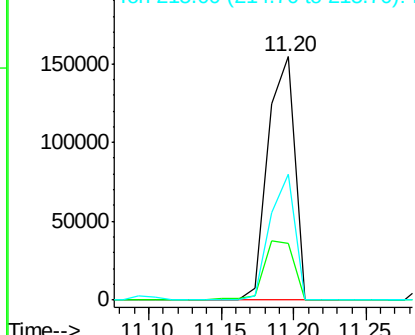


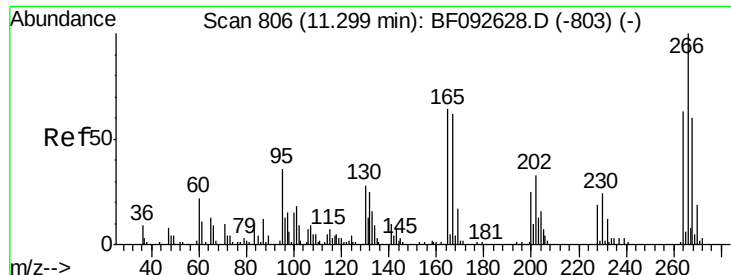
#68
Atrazine
Concen: 40.30 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:200 Resp: 197123
Ion Ratio Lower Upper
200 100
173 23.2 9.6 49.6
215 51.6 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

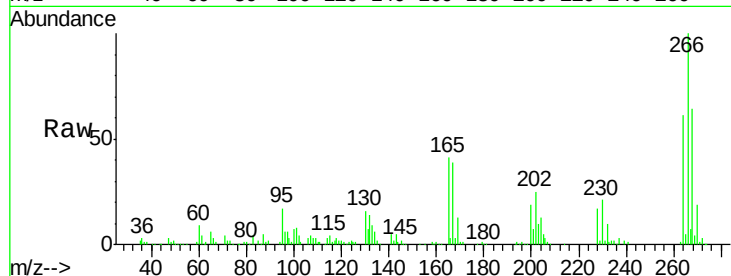




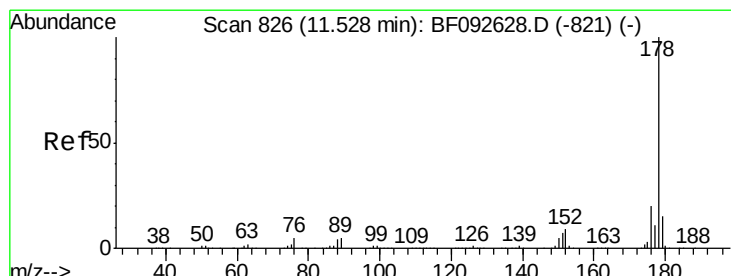
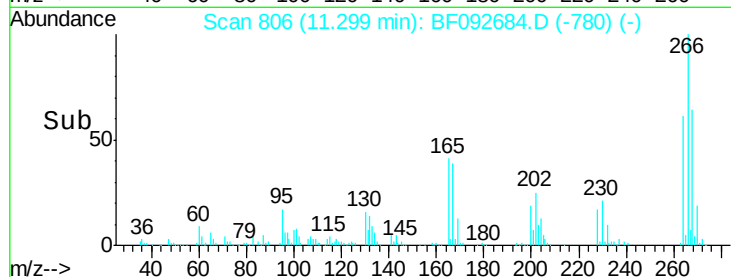
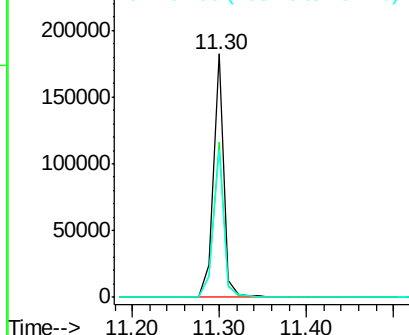
#69
 Pentachlorophenol
 Concen: 63.03 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Instrument :
 BNA_F
 ClientSampleID :
 PB96561BS

Tot Ion:266 Resp: 156032
 Ion Ratio Lower Upper
 266 100
 268 63.7 53.3 79.9
 264 60.5 50.3 75.5

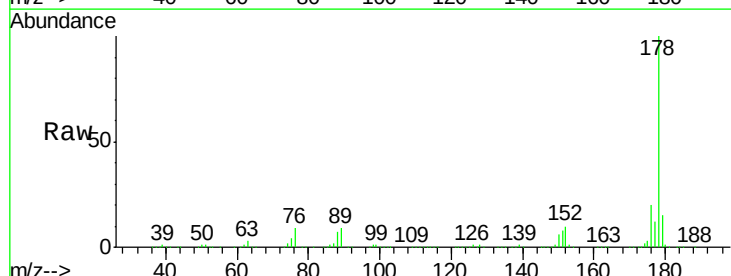


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

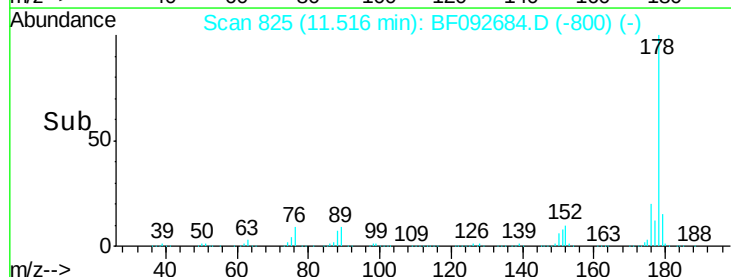
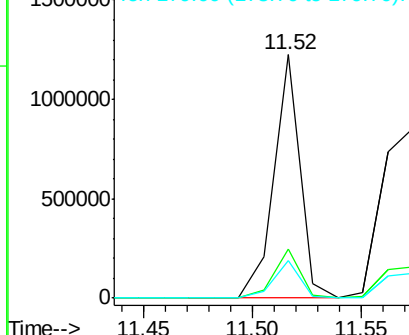


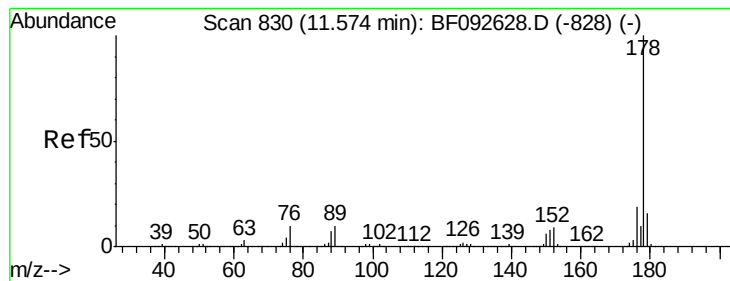
#70
 Phenanthrene
 Concen: 38.02 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:178 Resp: 1039411
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.4 12.8 19.2



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





#71

Anthracene

Concen: 40.74 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

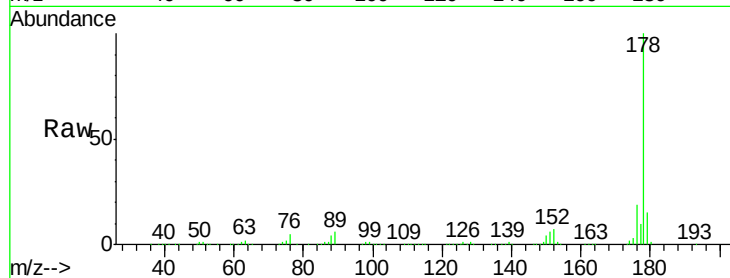
Tot Ion:178 Resp: 1118540

Ion Ratio Lower Upper

178 100

176 18.6 15.9 23.9

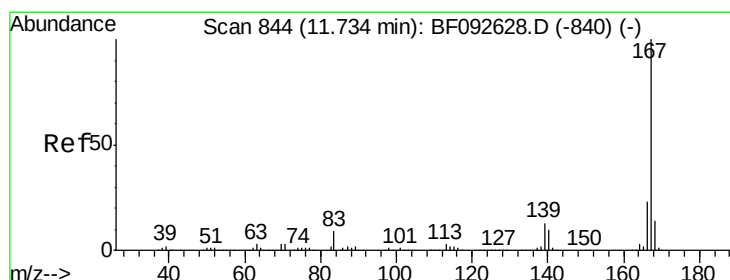
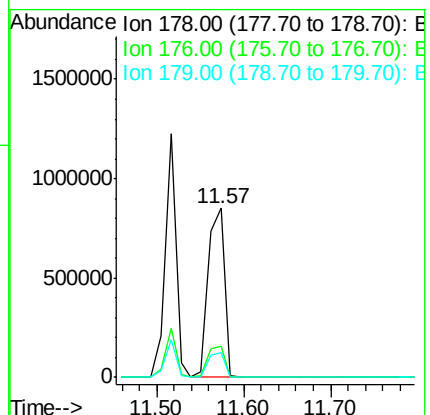
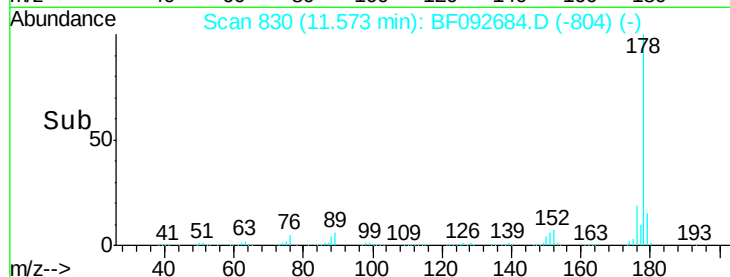
179 14.9 13.2 19.8



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: 33.89 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

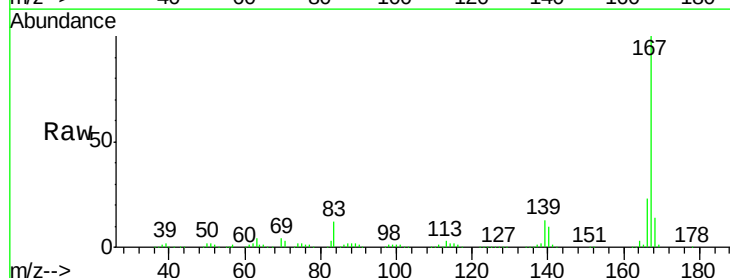
Tgt Ion:167 Resp: 889323

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

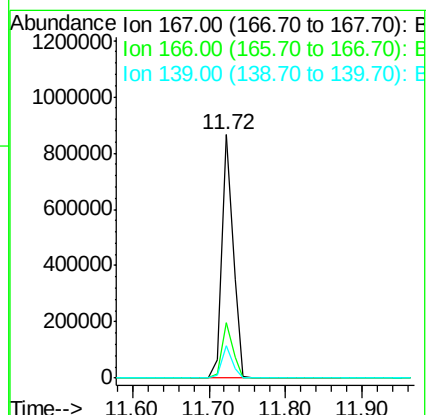
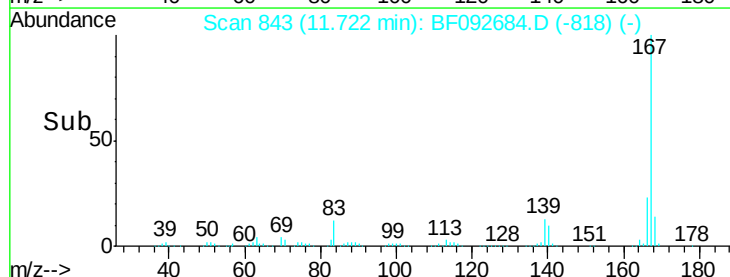
139 13.4 11.4 17.2

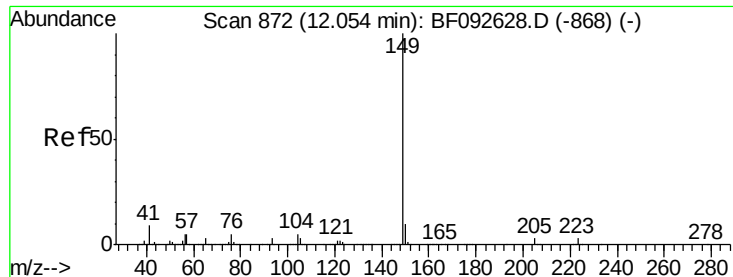


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.24 ng

RT: 12.05 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

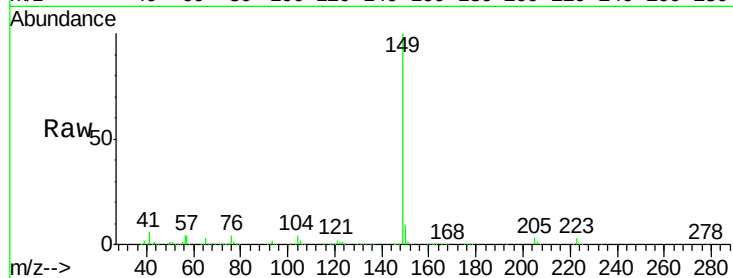
Tot Ion:149 Resp: 1198847

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

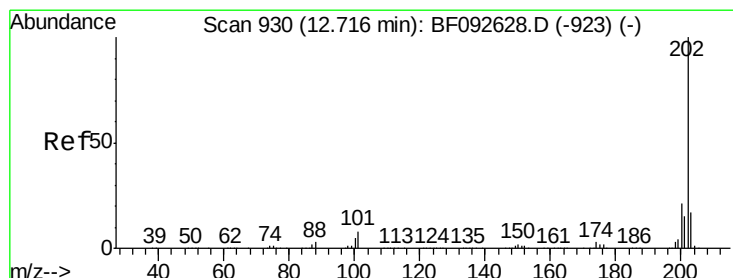
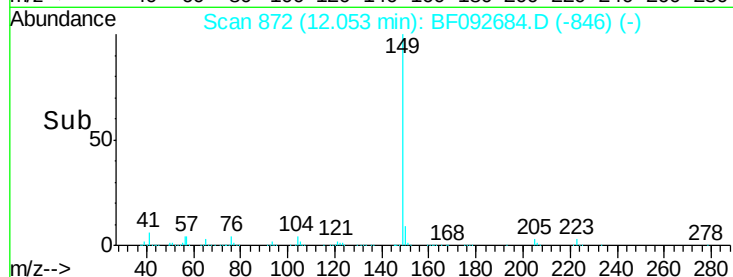
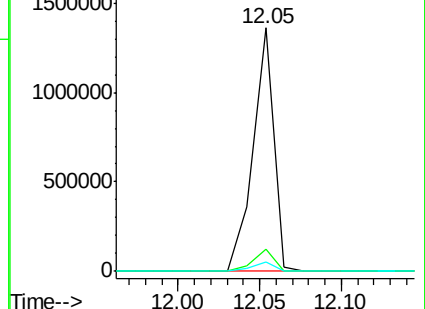
104 3.9 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.55 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

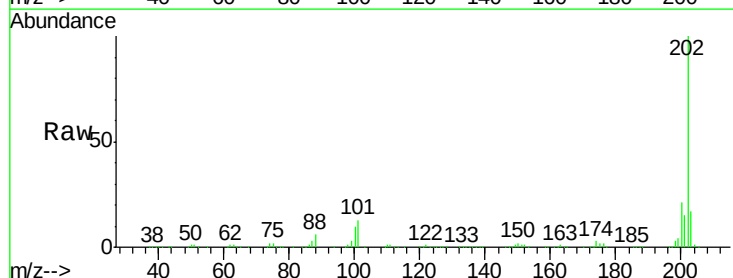
Tgt Ion:202 Resp: 1002575

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.6

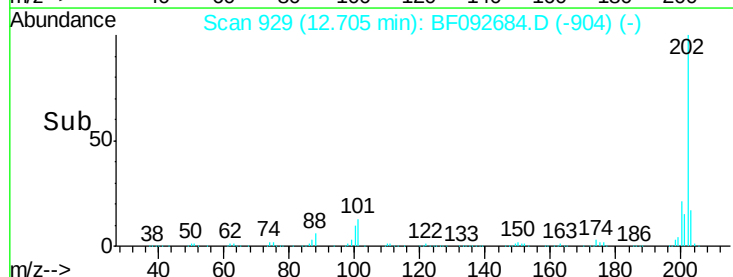
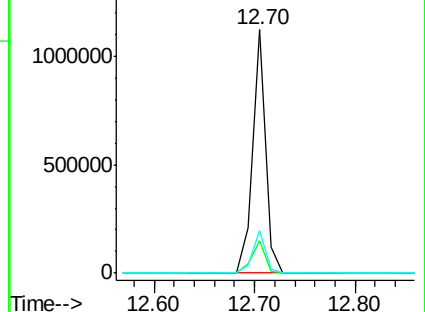
203 17.4 0.0 38.7

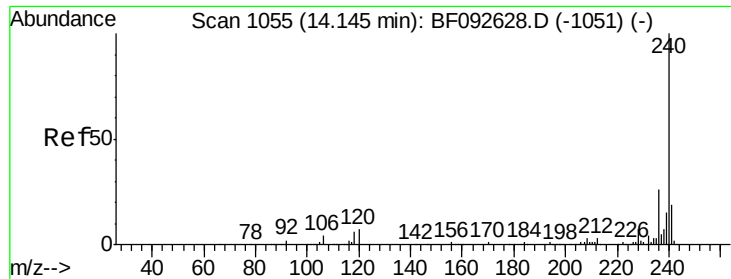


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

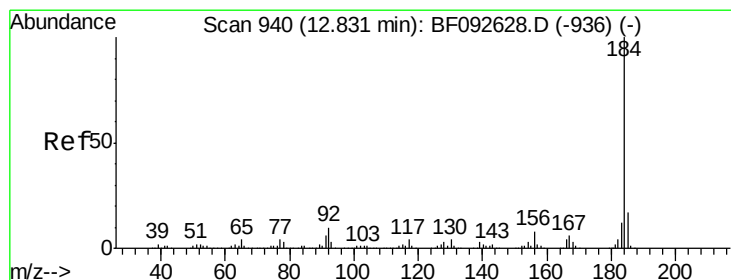
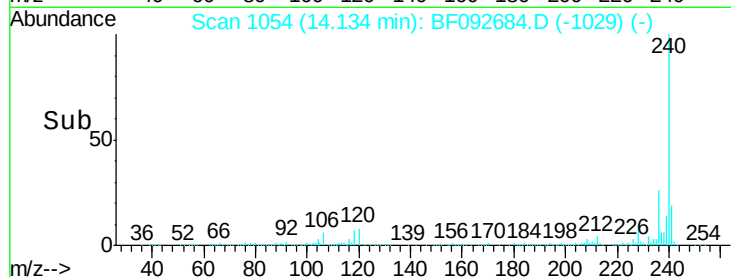
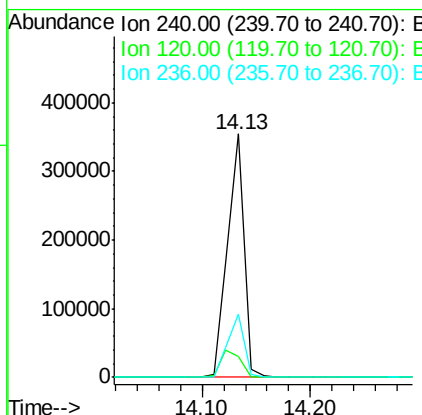
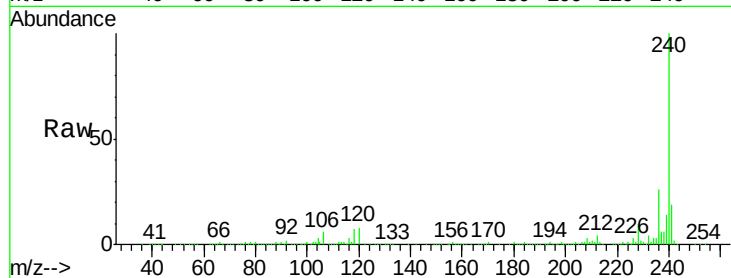




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

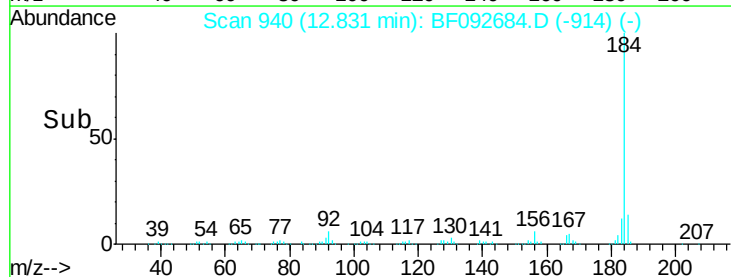
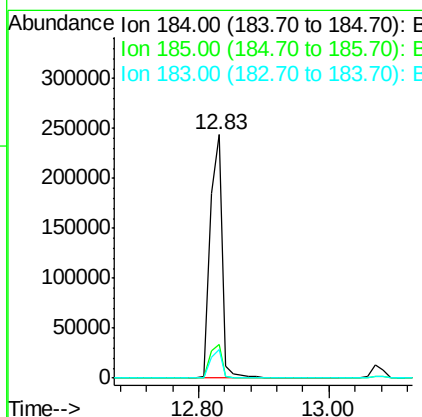
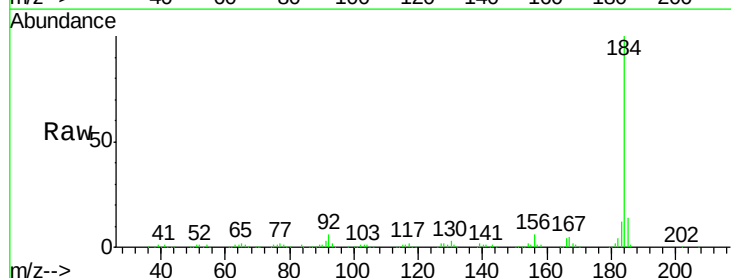
Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

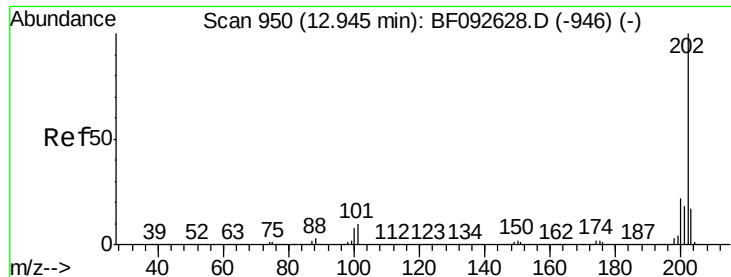
Tot Ion:240 Resp: 370068
 Ion Ratio Lower Upper
 240 100
 120 8.4 12.9 19.3#
 236 25.7 20.9 31.3



#76
 Benzidine
 Concen: 19.95 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:184 Resp: 314569
 Ion Ratio Lower Upper
 184 100
 185 13.9 13.4 20.0
 183 11.8 9.2 13.8

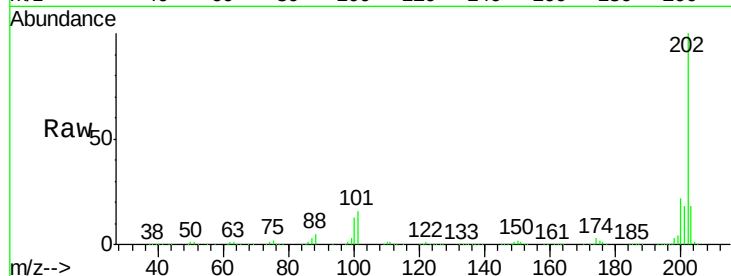




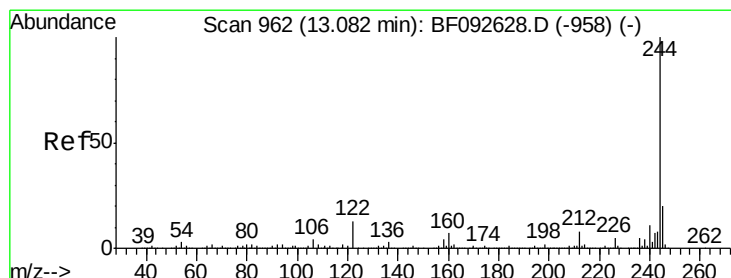
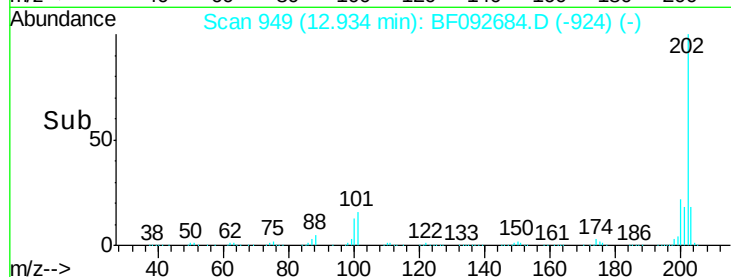
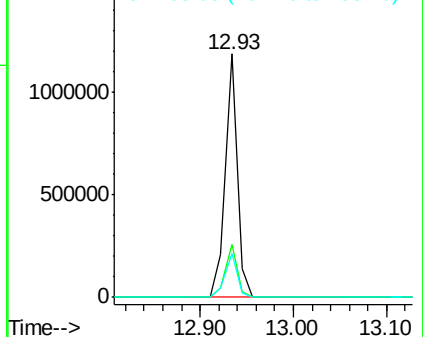
#77
Pvrene
Concen: 38.28 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Instrument :
BNA_F
ClientSampleId :
PB96561BS

Tot Ion:202 Resp: 1060275
Ion Ratio Lower Upper
202 100
200 22.0 17.7 26.5
203 17.9 14.7 22.1

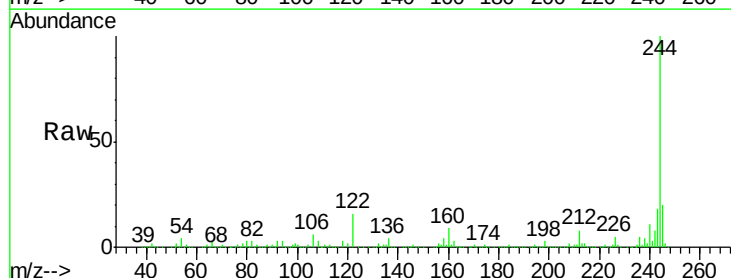


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

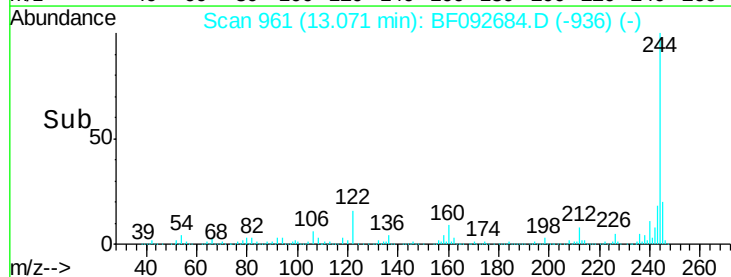
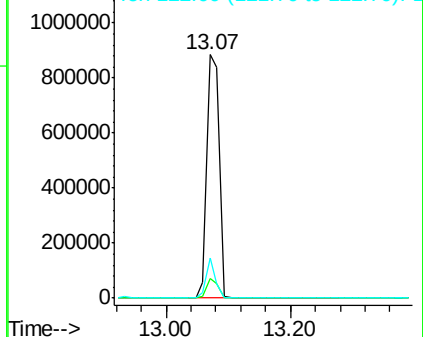


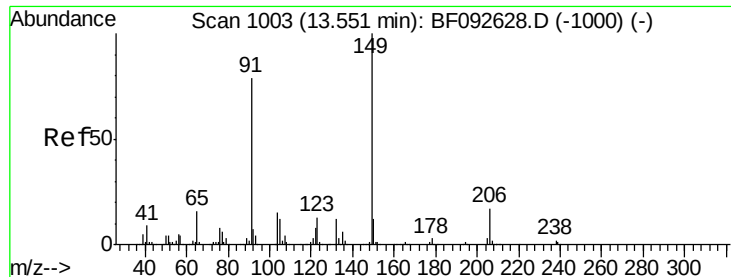
#78
Terphenyl-d14
Concen: 78.42 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:244 Resp: 1235161
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 16.4 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 45.14 ng

RT: 13.55 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

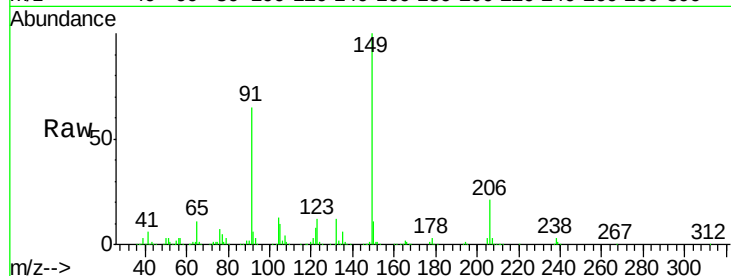
Tot Ion:149 Resp: 507612

Ion Ratio Lower Upper

149 100

91 65.1 63.9 95.9

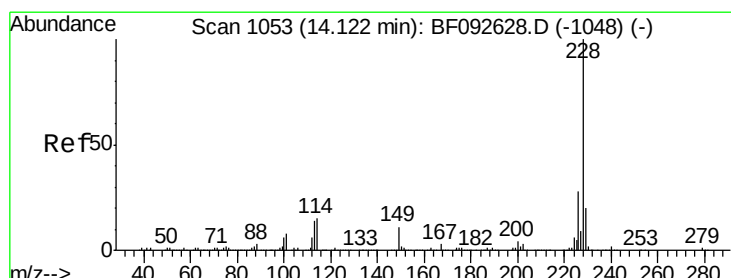
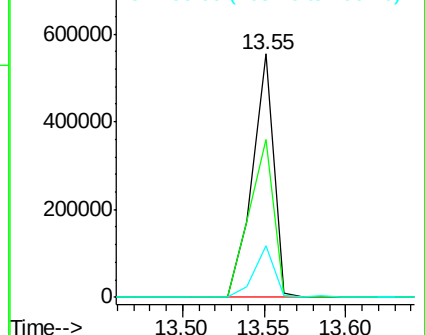
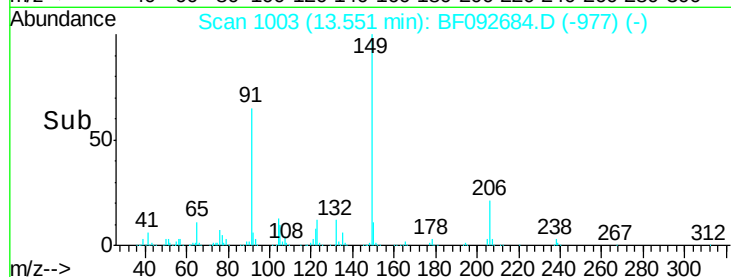
206 21.1 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.33 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

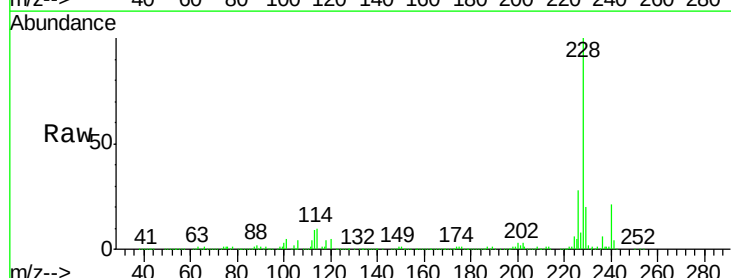
Tgt Ion:228 Resp: 890197

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

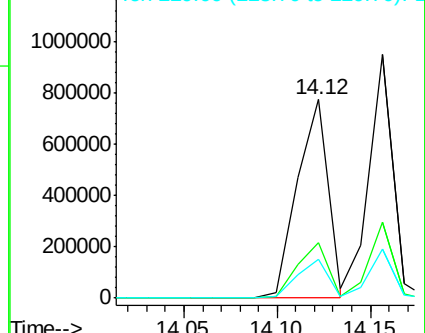
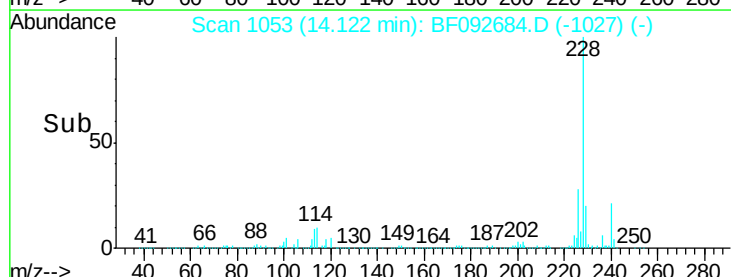
229 19.6 16.2 24.4

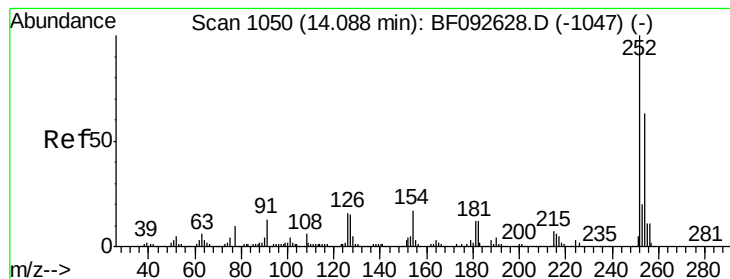


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

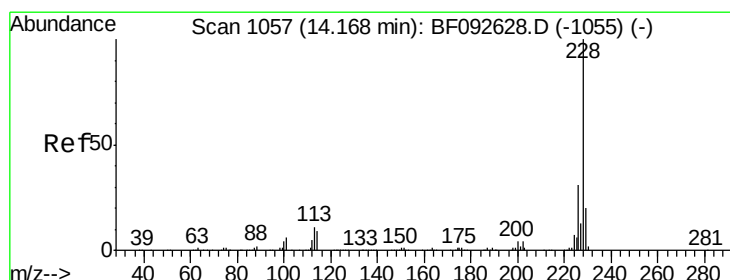
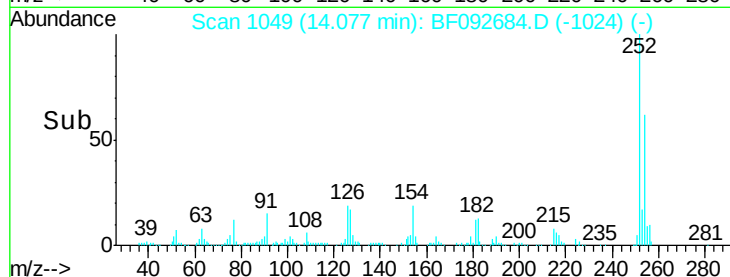
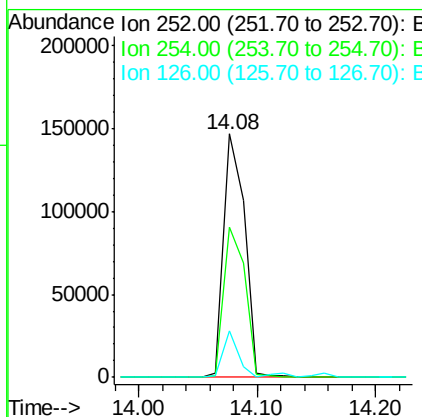
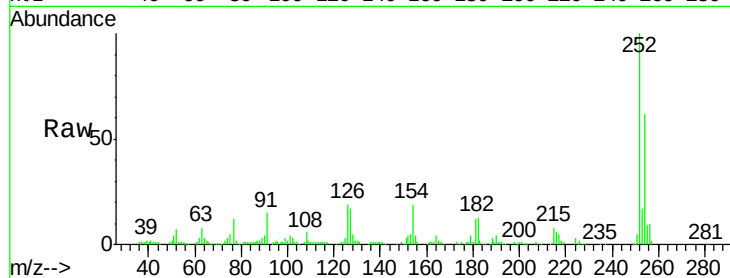




#81
 3,3'-Dichlorobenzidine
 Concen: 22.22 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

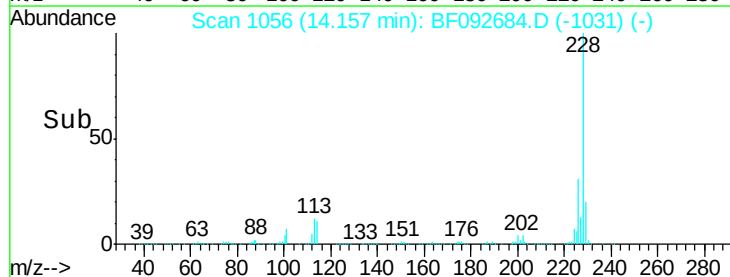
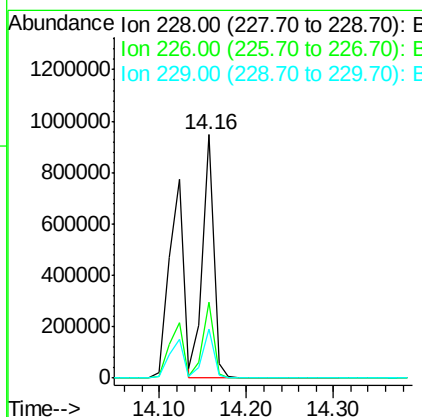
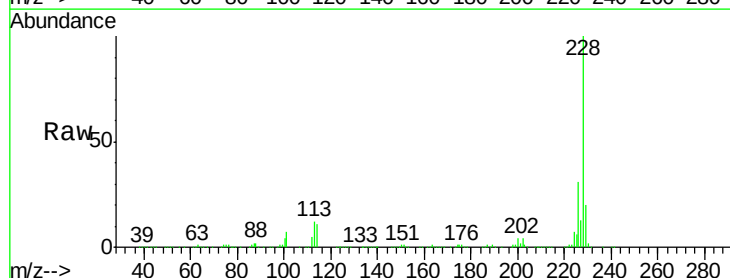
Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

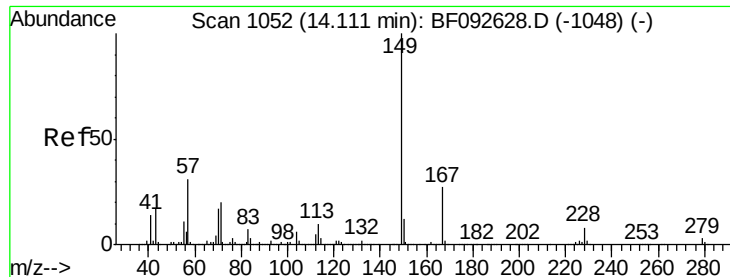
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.9	52.3	78.5
126	19.1	13.6	20.4



#82
 Chrysene
 Concen: 39.66 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.0	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.96 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

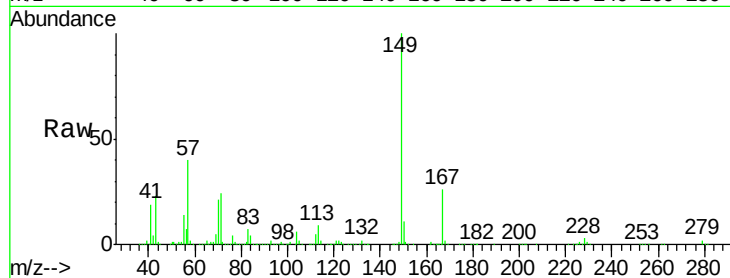
Tot Ion:149 Resp: 629921

Ion Ratio Lower Upper

149 100

167 25.8 20.2 30.4

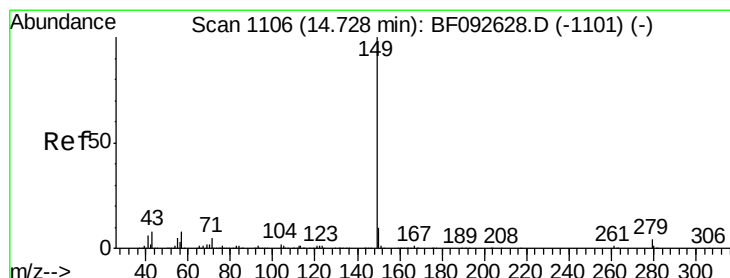
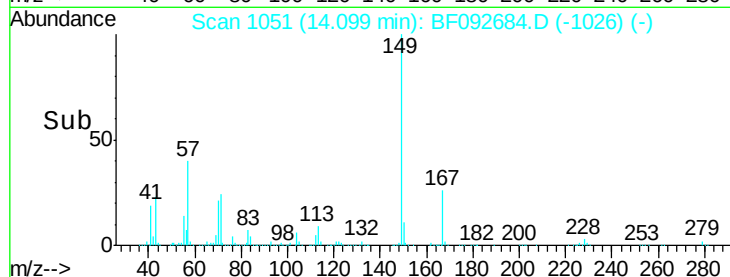
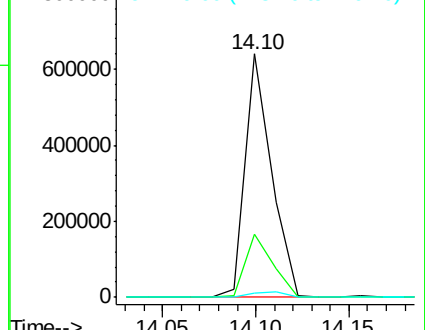
279 1.9 1.8 2.8



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: 43.96 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

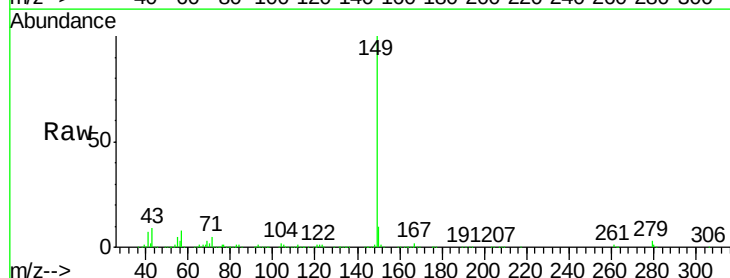
Tgt Ion:149 Resp: 1101014

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

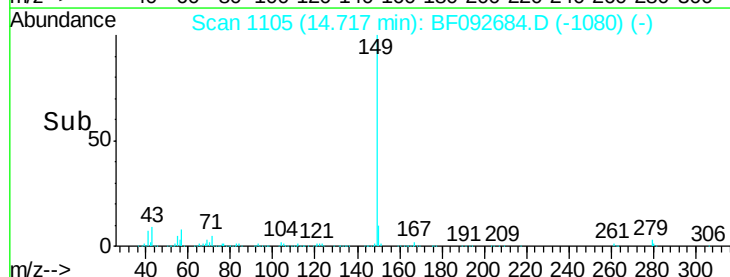
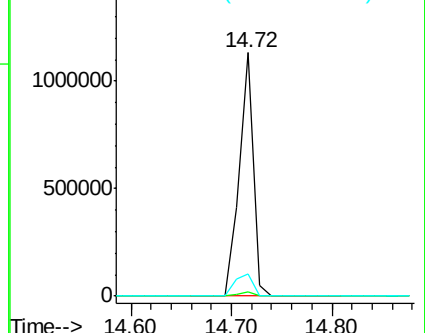
43 11.6 8.9 13.3

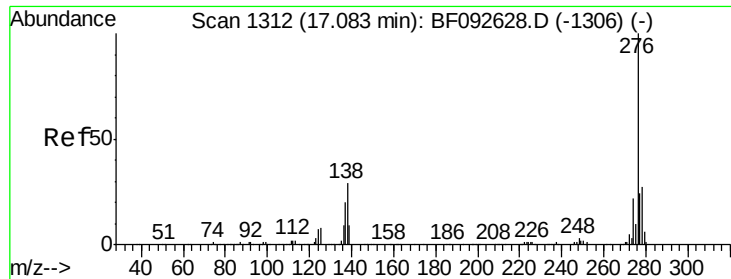


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

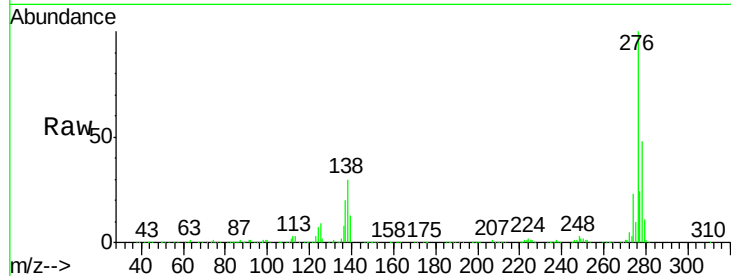




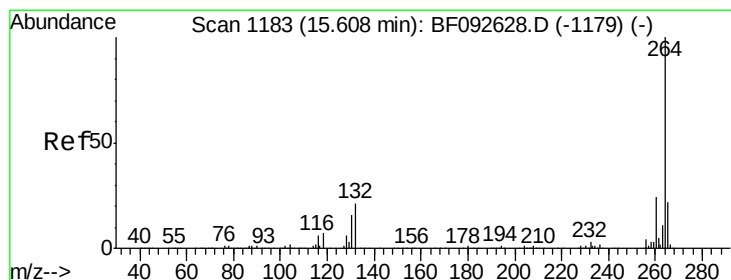
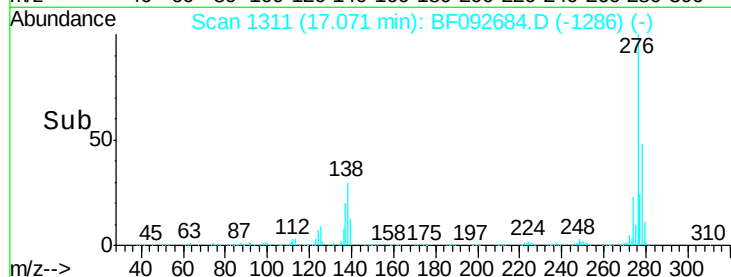
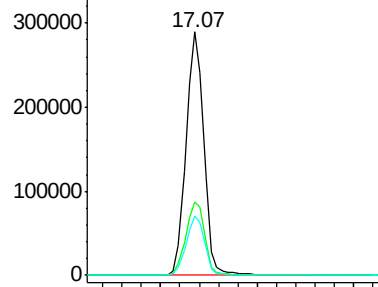
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.19 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB96561BS

Tot Ion:276 Resp: 758112
 Ion Ratio Lower Upper
 276 100
 138 31.8 21.8 32.6
 277 24.9 20.2 30.4

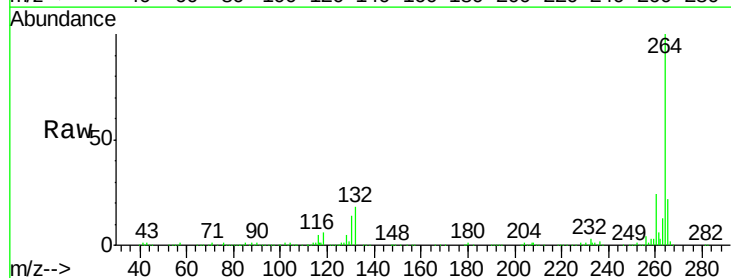


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

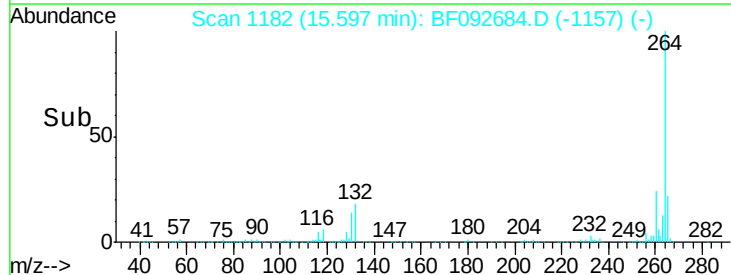
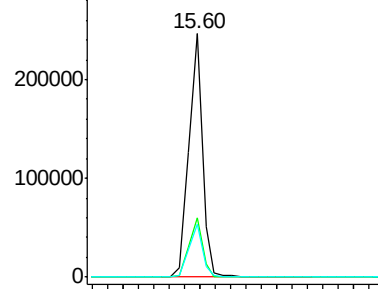


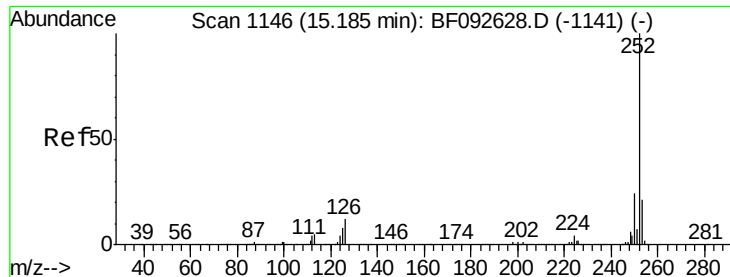
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092684.D
 Acq: 31 Jan 2017 16:45

Tgt Ion:264 Resp: 303971
 Ion Ratio Lower Upper
 264 100
 260 24.3 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

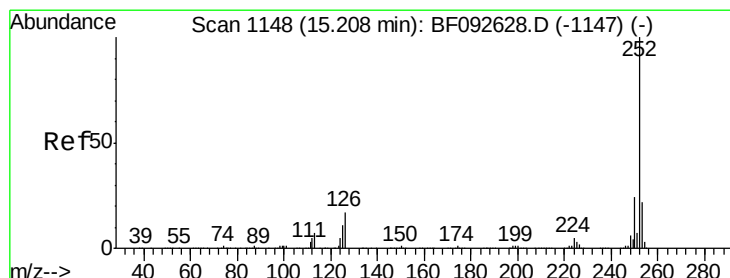
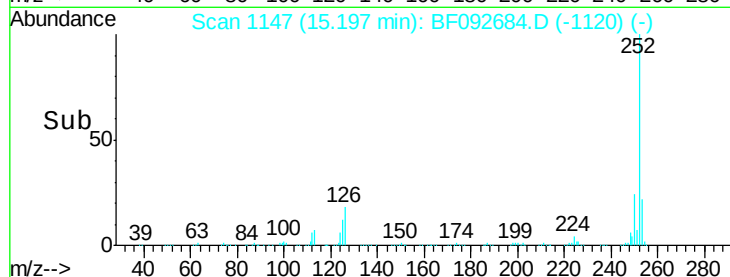
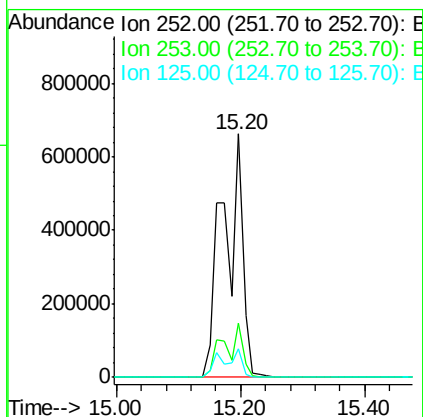
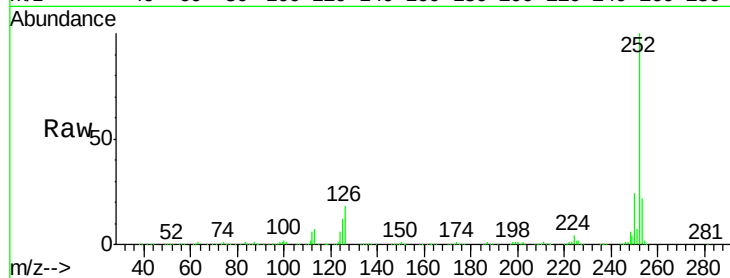




#87
Benzo(b)fluoranthene
Concen: 72.82 ng
RT: 15.20 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

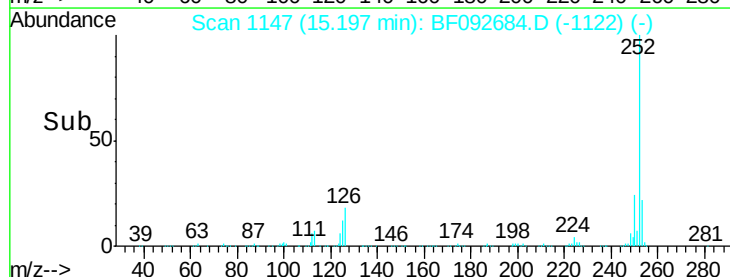
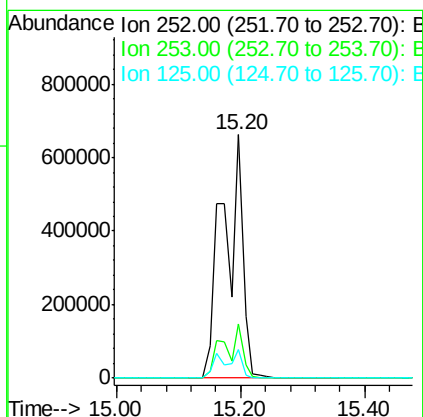
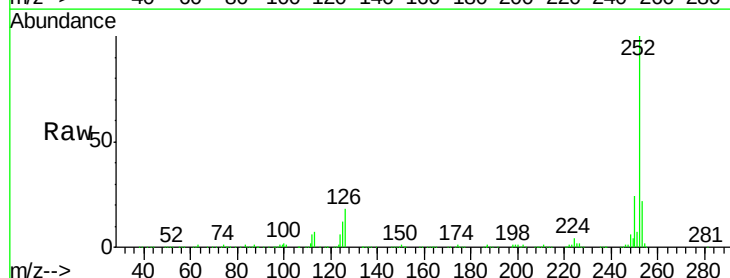
Instrument :
BNA_F
ClientSampleId :
PB96561BS

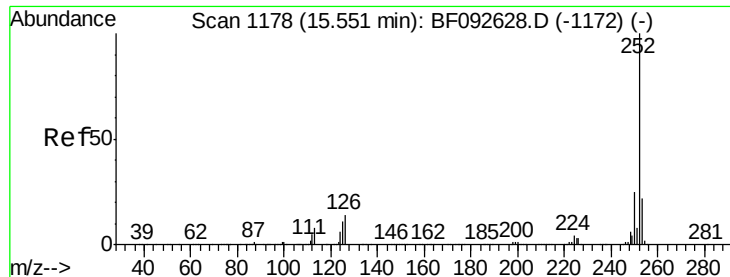
Tot Ion:252 Resp: 1456971
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 84.34 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:252 Resp: 1456971
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.9 8.9 13.3

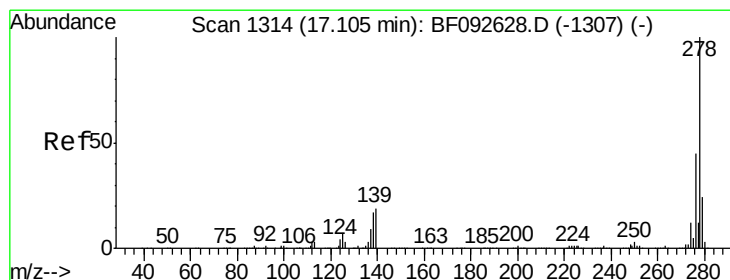
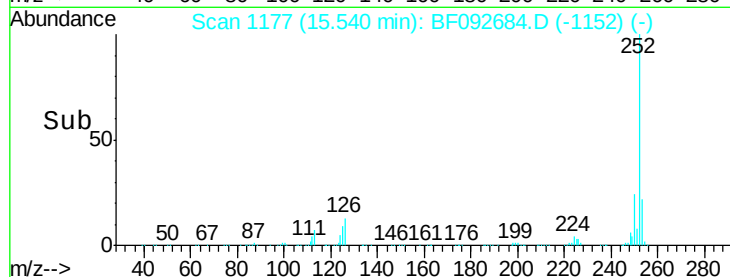
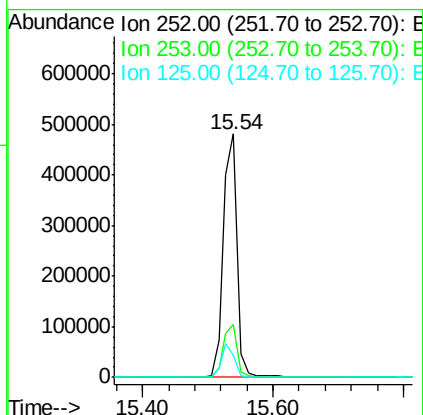
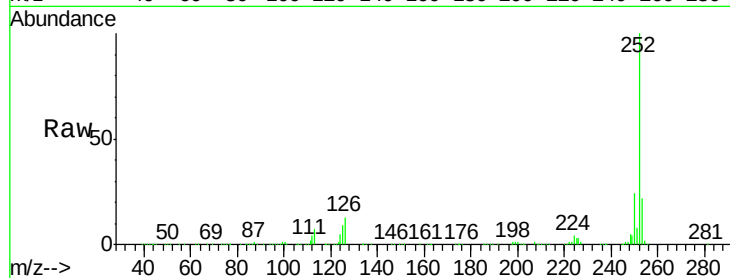




#89
Benzo(a)pyrene
Concen: 40.95 ng
RT: 15.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

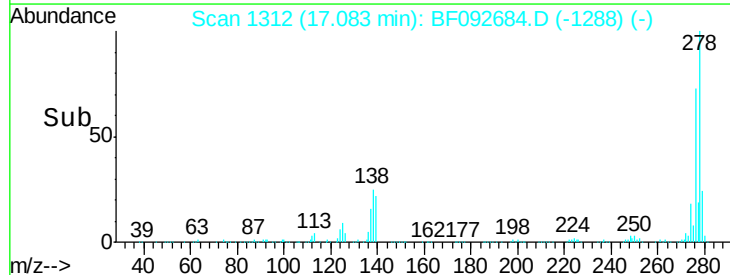
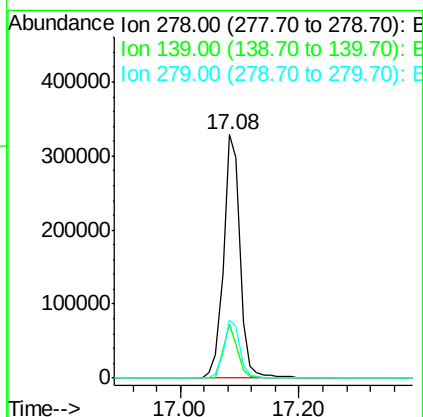
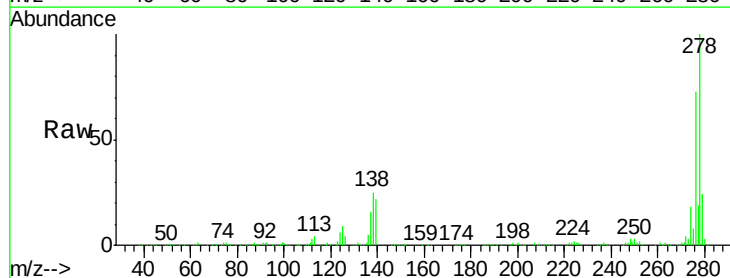
Instrument :
BNA_F
ClientSampleId :
PB96561BS

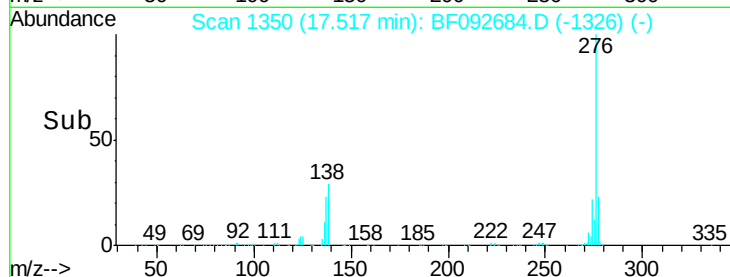
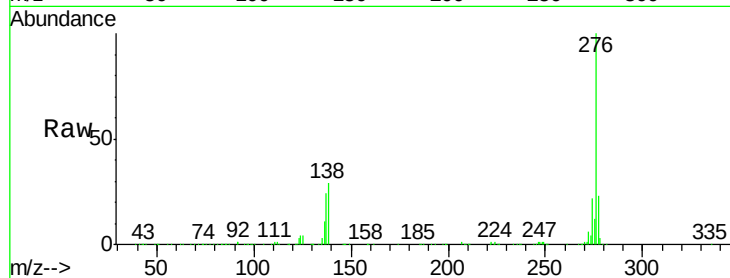
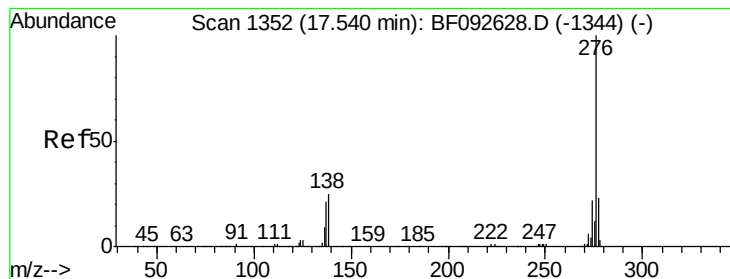
Tot Ion:252 Resp: 708717
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.2
125 9.3 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 45.47 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF092684.D
Acq: 31 Jan 2017 16:45

Tgt Ion:278 Resp: 636007
Ion Ratio Lower Upper
278 100
139 22.2 14.8 22.2#
279 23.8 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 46.27 ng

RT: 17.52 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF092684.D

Acq: 31 Jan 2017 16:45

Instrument :

BNA_F

ClientSampleId :

PB96561BS

Tot Ion: 276 Resp: 653807

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 28.7 16.0 24.0#

