

Data Path : Z:\HPCHEM1\BNA F\Data\BF021317\
 Data File : BF092915.D
 Acq On : 13 Feb 2017 10:22
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 11:51:13 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	6.90	152	140873	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	571226	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	319042	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	537625	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	437632	20.00	ng	-0.08
86) Perylene-d12	15.51	264	360290	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	657656	80.09	ng	-0.09
7) Phenol-d6	6.53	99	856468	81.07	ng	-0.07
23) Nitrobenzene-d5	7.47	82	843264	82.21	ng	-0.07
41) 2,4,6-Tribromophenol	10.73	330	174946	75.82	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1473448	83.67	ng	-0.07
78) Terphenyl-d14	13.01	244	1494107	80.22	ng	-0.07

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.46	88	183447	41.35	ng	# 85
3) Pyridine	3.20	79	502282	44.52	ng	87
4) n-Nitrosodimethylamine	3.15	42	221499	41.81	ng	85
6) Aniline	6.56	93	619142	42.96	ng	# 48
8) 2-Chlorophenol	6.68	128	388282	42.86	ng	94
9) Benzaldehyde	6.44	77	287031	37.92	ng	95
10) Phenol	6.54	94	494729	40.02	ng	87
11) bis(2-Chloroethyl)ether	6.64	93	423623	42.94	ng	95
12) 1,3-Dichlorobenzene	7.07	146	427213	40.26	ng	98
13) 1,4-Dichlorobenzene	6.91	146	451026	42.00	ng	97
14) 1,2-Dichlorobenzene	7.07	146	428132	41.69	ng	95
15) Benzyl Alcohol	7.04	79	301433	38.54	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	717570	41.86	ng	93
17) 2-Methylphenol	7.16	107	336957	43.36	ng	95
18) Hexachloroethane	7.41	117	153374	41.84	ng	# 86
19) n-Nitroso-di-n-propylamine	7.31	70	263653	39.20	ng	94
20) 3+4-Methylphenols	7.31	107	362859	39.05	ng	# 76
22) Acetophenone	7.31	105	511987	39.26	ng	# 94
24) Nitrobenzene	7.48	77	402297	38.19	ng	99
25) Isophorone	7.72	82	782234	40.92	ng	96
26) 2-Nitrophenol	7.80	139	221897	44.32	ng	91
27) 2,4-Dimethylphenol	7.84	122	345974	39.35	ng	99
28) bis(2-Chloroethoxy)methane	7.94	93	543315	42.92	ng	99
29) 2,4-Dichlorophenol	8.04	162	318139	38.79	ng	89
30) 1,2,4-Trichlorobenzene	8.12	180	341923	38.69	ng	# 94
31) Naphthalene	8.20	128	1117469	38.59	ng	100
32) Benzoic acid	7.96	122	91839	22.85	ng	96
33) 4-Chloroaniline	8.26	127	494487	43.54	ng	99
34) Hexachlorobutadiene	8.33	225	194943	40.09	ng	97
35) Caprolactam	8.64	113	111462	43.21	ng	# 47
36) 4-Chloro-3-methylphenol	8.74	107	336241	39.33	ng	95
37) 2-Methylnaphthalene	8.90	142	778364	41.86	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	341576	38.14	ng	99
40) Hexachlorocyclopentadiene	9.05	237	122011	30.20	ng	96

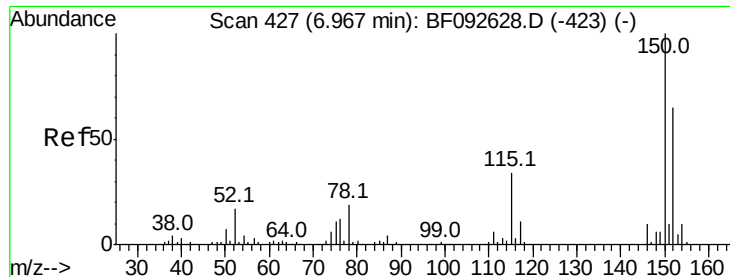
Data Path : Z:\HPCHEM1\BNA F\Data\BF021317\
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Quant Time: Feb 13 11:51:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	219980	37.38	nq	91
43) 2,4,5-Trichlorophenol	9.22	196	248905	38.60	nq	# 91
45) 1,1'-Biphenyl	9.37	154	936894	40.55	nq	99
46) 2-Chloronaphthalene	9.39	162	767632	42.48	nq	97
47) 2-Nitroaniline	9.48	65	220954	36.36	nq	92
48) Acenaphthylene	9.80	152	1138493	36.47	nq	98
49) Dimethylphthalate	9.66	163	794444	36.97	nq	99
50) 2,6-Dinitrotoluene	9.73	165	209746	45.20	nq	# 82
51) Acenaphthene	9.97	154	703607	37.70	nq	98
52) 3-Nitroaniline	9.90	138	211642	39.85	nq	# 68
53) 2,4-Dinitrophenol	10.01	184	69050	32.25	nq	# 90
54) Dibenzofuran	10.14	168	923792	37.00	nq	95
55) 4-Nitrophenol	10.06	139	127424	33.31	nq	86
56) 2,4-Dinitrotoluene	10.13	165	258941	41.91	nq	90
57) Fluorene	10.49	166	745975	38.84	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	180496	41.96	nq	94
59) Diethylphthalate	10.36	149	810341	40.01	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	336712	36.49	nq	97
61) 4-Nitroaniline	10.51	138	195423	35.92	nq	92
62) Azobenzene	10.64	77	803227	38.39	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	120206	37.36	nq	94
65) n-Nitrosodiphenylamine	10.60	169	705341	41.07	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	210843	37.54	nq	98
67) Hexachlorobenzene	11.04	284	217343	39.16	nq	# 94
68) Atrazine	11.13	200	215415	39.08	nq	98
69) Pentachlorophenol	11.23	266	101586	39.46	nq	97
70) Phenanthrene	11.45	178	1089160	35.36	nq	99
71) Anthracene	11.50	178	1281785	41.44	nq	98
72) Carbazole	11.65	167	1137444	38.47	nq	99
73) Di-n-butylphthalate	11.99	149	1305320	40.82	nq	# 97
74) Fluoranthene	12.64	202	1153095	36.29	nq	97
76) Benzidine	12.76	184	504885	27.07	nq	98
77) Pyrene	12.87	202	1179035	36.00	nq	99
79) Butylbenzylphthalate	13.48	149	563757	42.39	nq	89
80) Benzo(a)anthracene	14.05	228	953553	35.63	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	360412	37.77	nq	# 95
82) Chrysene	14.09	228	797365	31.82	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	807899	44.42	nq	# 95
84) Di-n-octyl phthalate	14.65	149	1318262	44.51	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	821577	42.32	nq	# 94
87) Benzo(b)fluoranthene	15.09	252	948167	39.98	nq	# 97
88) Benzo(k)fluoranthene	15.09	252	948167	46.31	nq	97
89) Benzo(a)pyrene	15.45	252	815425	39.75	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	695865	41.97	nq	96
91) Benzo(g,h,i)perylene	17.38	276	693271	41.39	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampled :

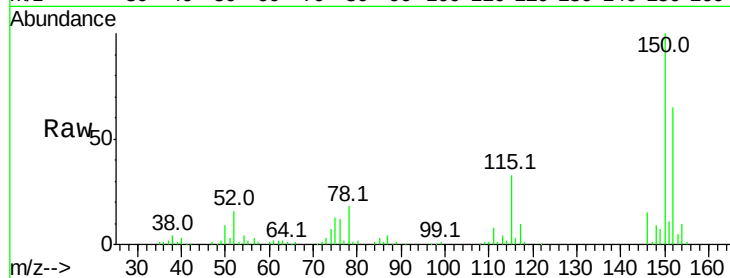
Tot Ion:152 Resp: 140873

Ion Ratio Lower Upper

152 100

150 153.2 124.9 187.3

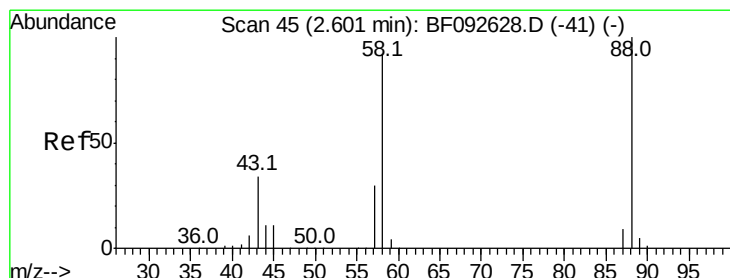
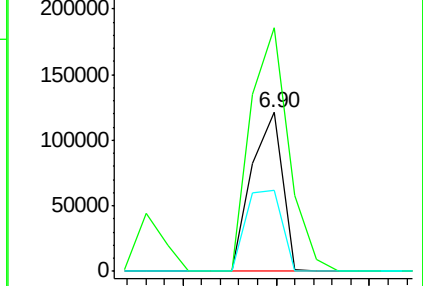
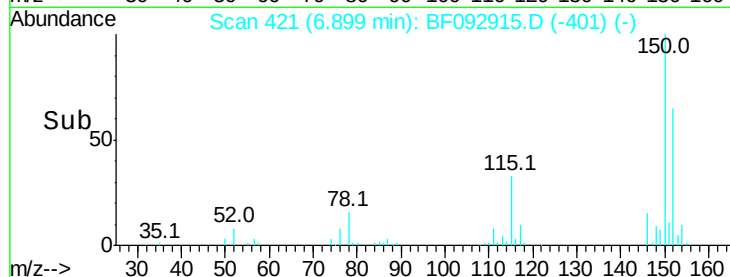
115 50.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.35 ng

RT: 2.46 min Scan# 33

Delta R.T. -0.14 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

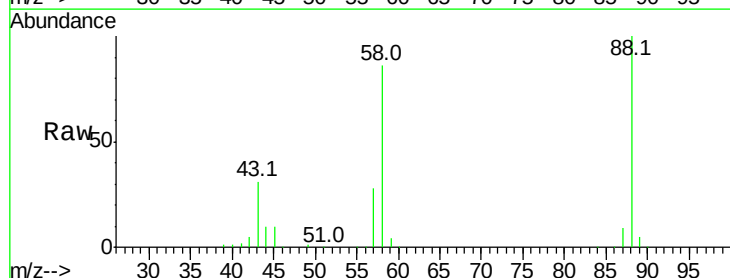
Tgt Ion: 88 Resp: 183447

Ion Ratio Lower Upper

88 100

58 87.6 57.8 86.8#

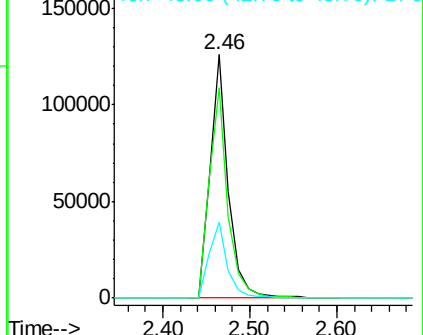
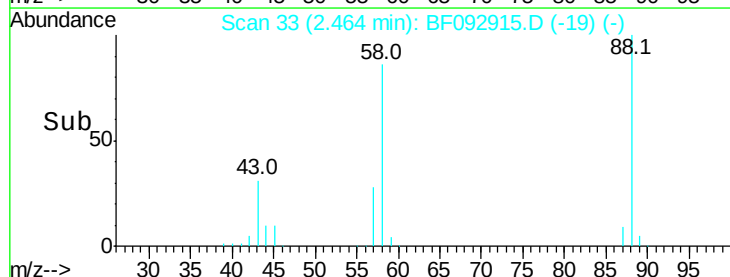
43 31.3 22.3 33.5

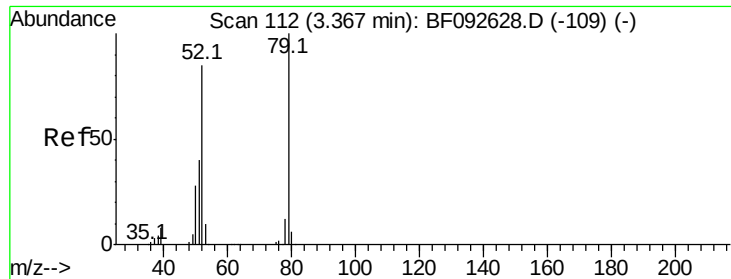


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.52 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.17 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

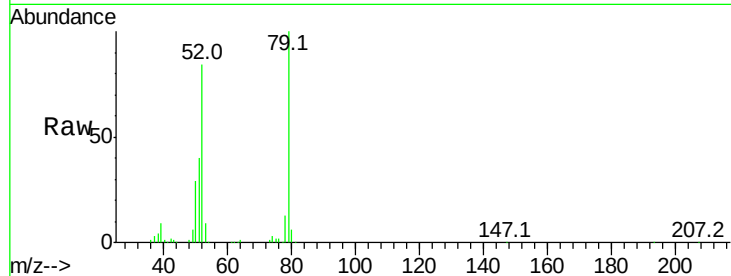
Tot Ion: 79 Resp: 502282

Ion Ratio Lower Upper

79 100

52 83.8 57.1 85.7

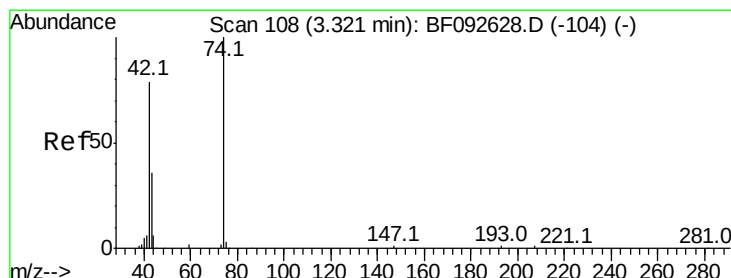
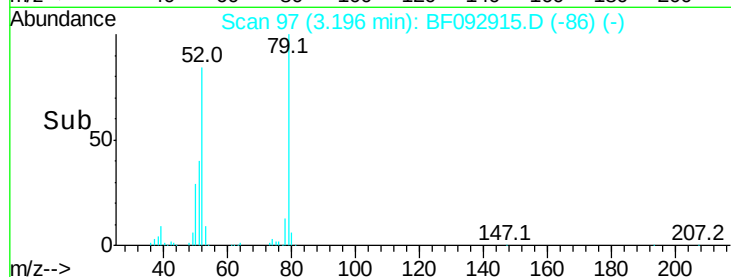
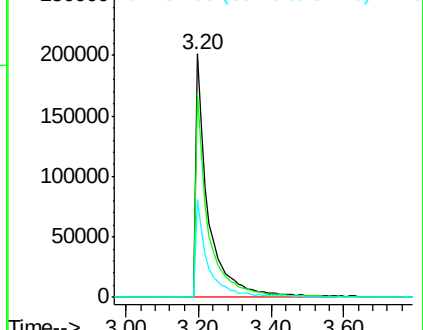
51 39.9 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.81 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.17 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

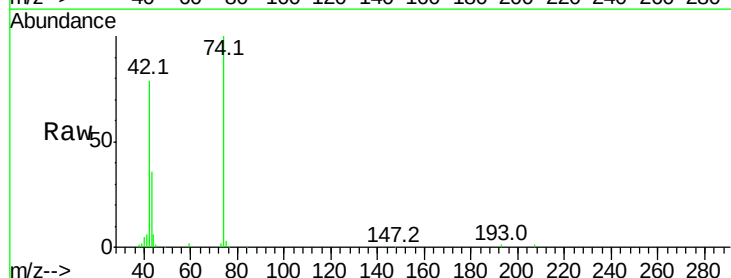
Tgt Ion: 42 Resp: 221499

Ion Ratio Lower Upper

42 100

74 126.1 117.0 175.4

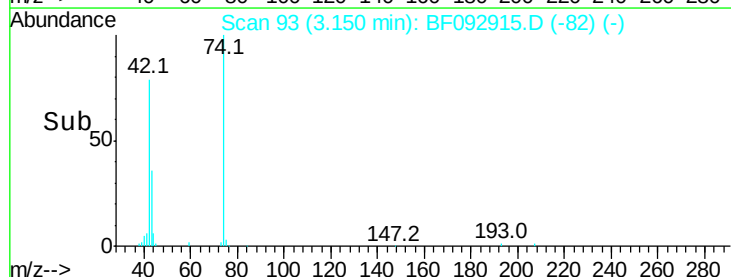
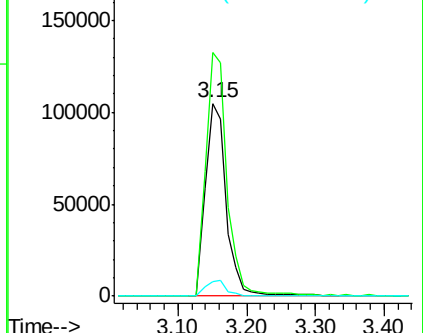
44 7.7 5.5 8.3

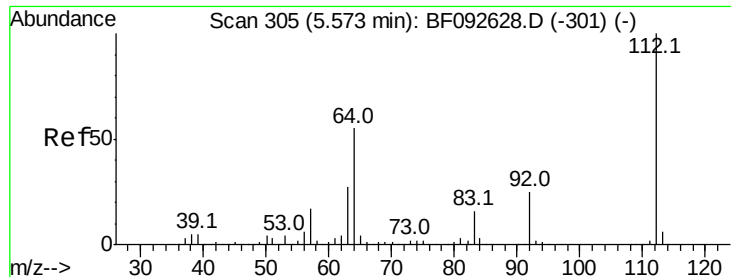


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

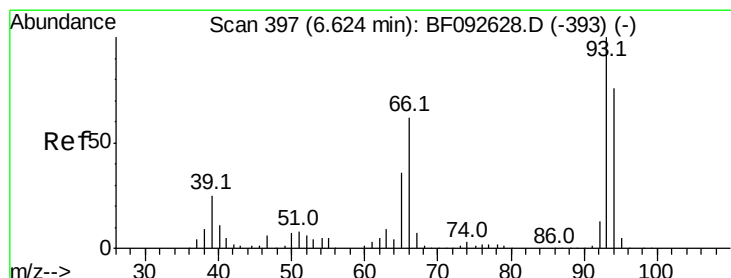
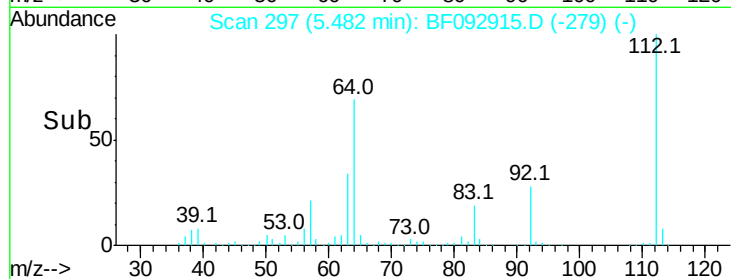
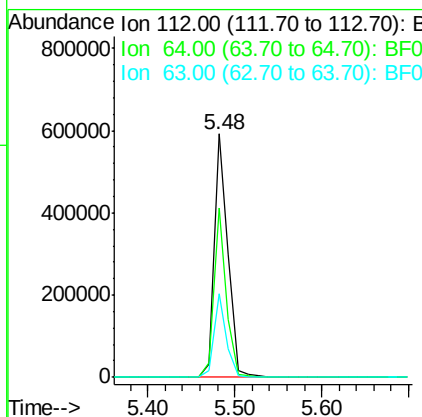
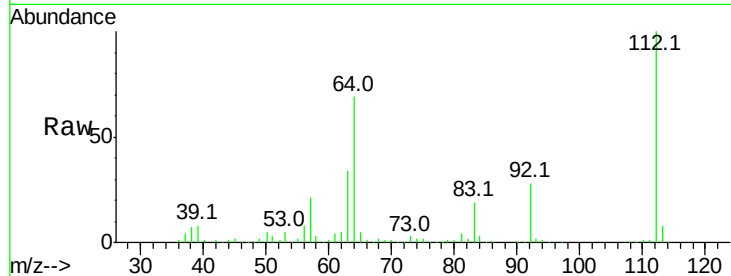




#5
 2-Fluorophenol
 Concen: 80.09 ng
 RT: 5.48 min Scan# 297
 Delta R.T. -0.09 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

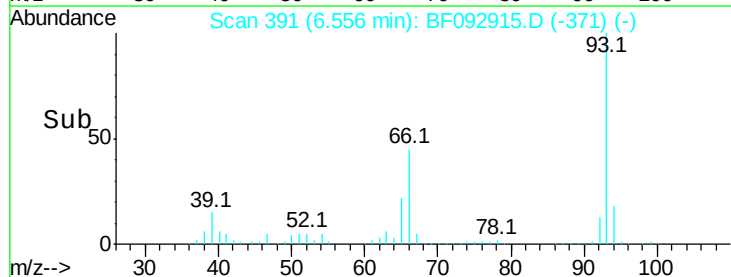
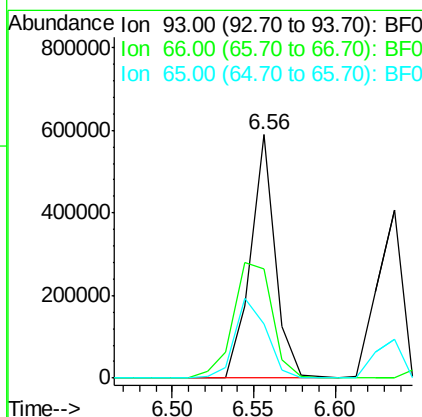
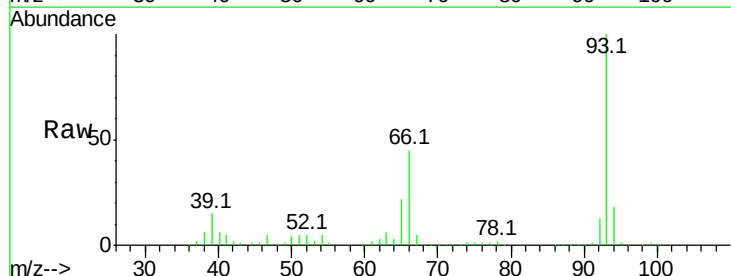
Instrument :
 BNA_F
 ClientSampleId :

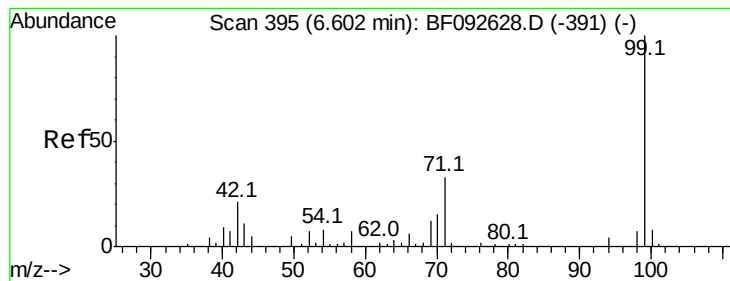
Tot Ion: 112 Resp: 657656
 Ion Ratio Lower Upper
 112 100
 64 69.4 46.1 69.1#
 63 34.5 23.8 35.6



#6
 Aniline
 Concen: 42.96 ng
 RT: 6.56 min Scan# 391
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion: 93 Resp: 619142
 Ion Ratio Lower Upper
 93 100
 66 44.8 76.2 114.2#
 65 22.2 49.3 73.9#





#7

Phenol-d6

Concen: 81.07 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

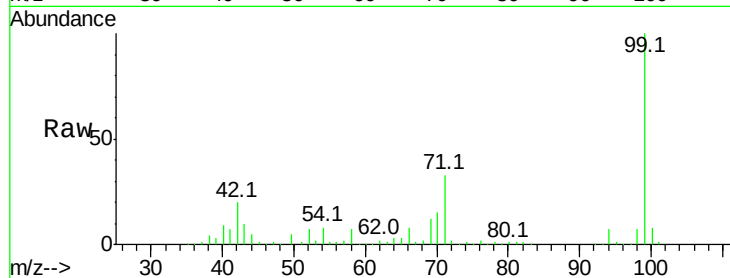
Tot Ion: 99 Resp: 856468

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

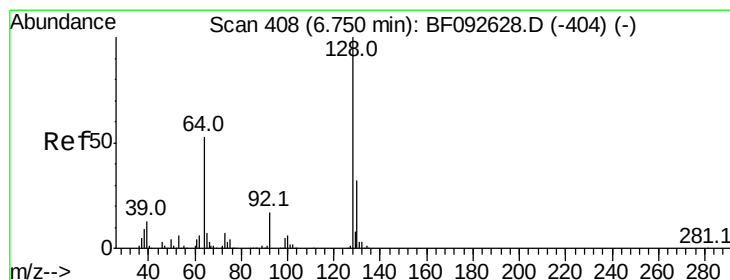
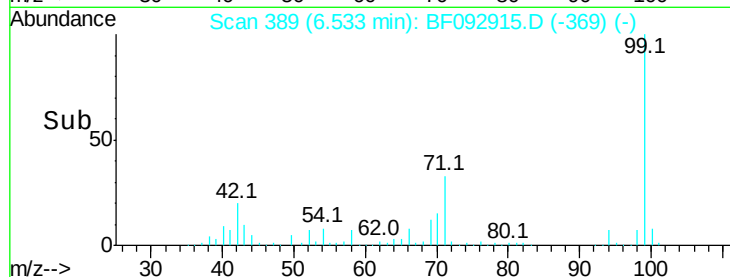
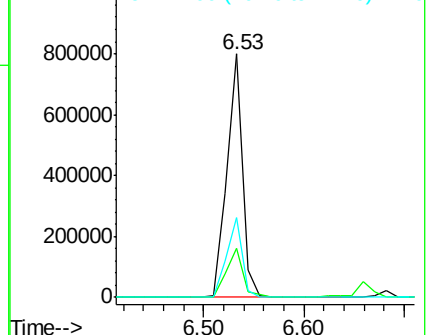
71 33.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.86 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

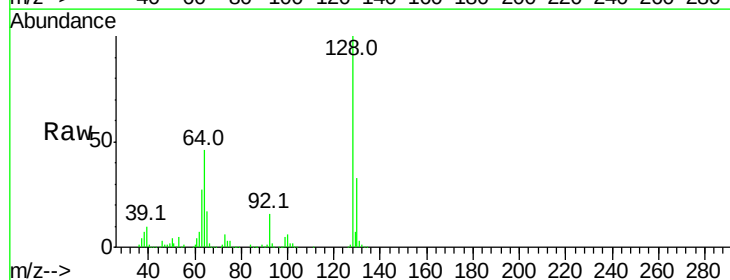
Tgt Ion: 128 Resp: 388282

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

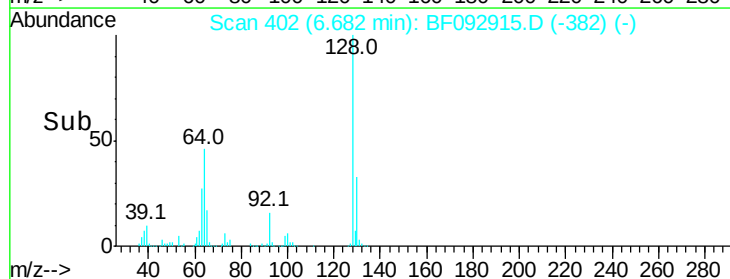
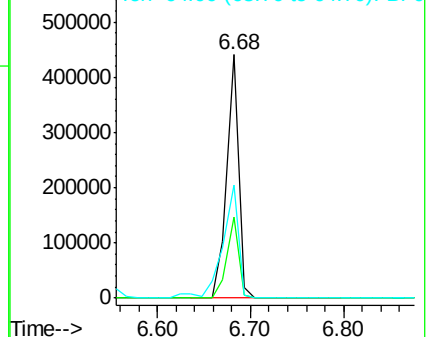
64 46.3 32.2 72.2

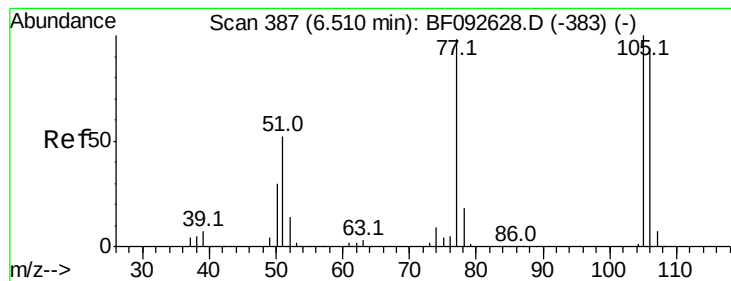


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.92 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampled :

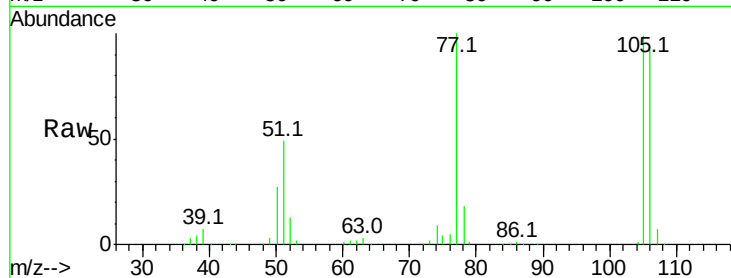
Tot Ion: 77 Resp: 287031

Ion Ratio Lower Upper

77 100

105 98.9 83.9 123.9

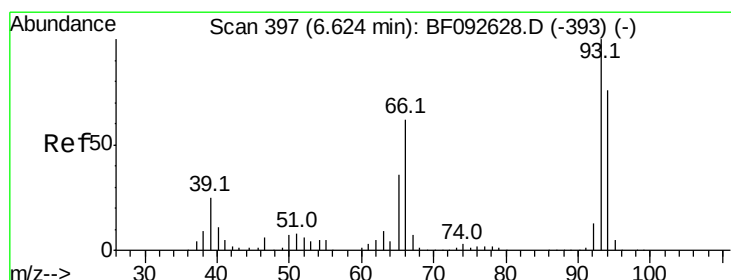
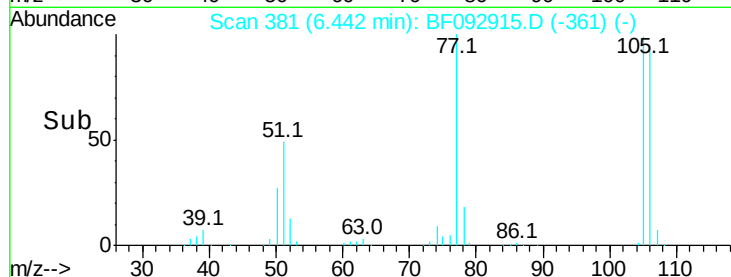
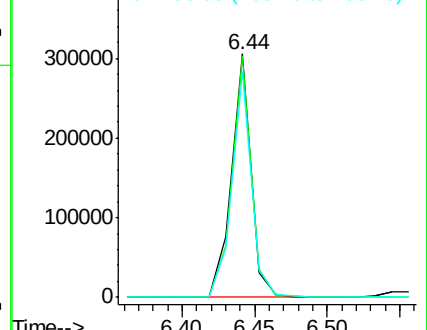
106 92.5 77.6 117.6



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: 40.02 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

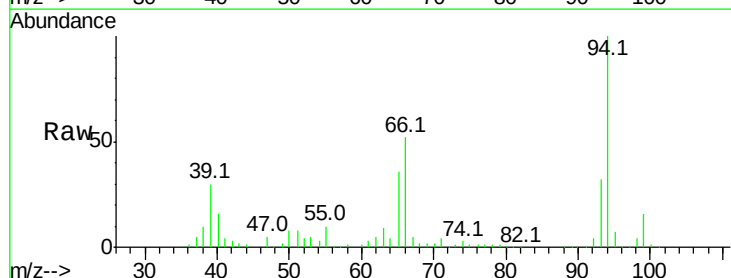
Tgt Ion: 94 Resp: 494729

Ion Ratio Lower Upper

94 100

65 35.6 21.4 61.4

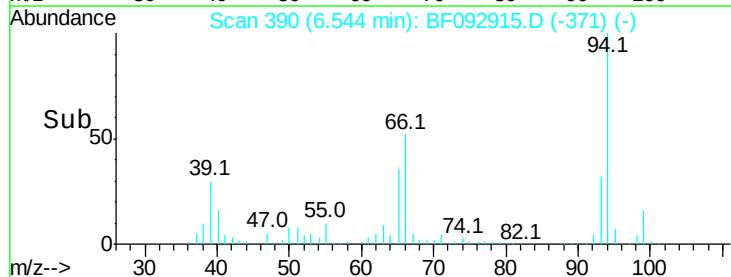
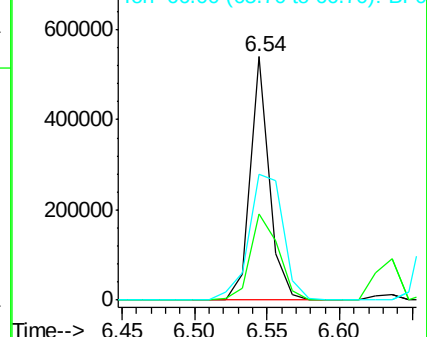
66 51.9 44.0 84.0

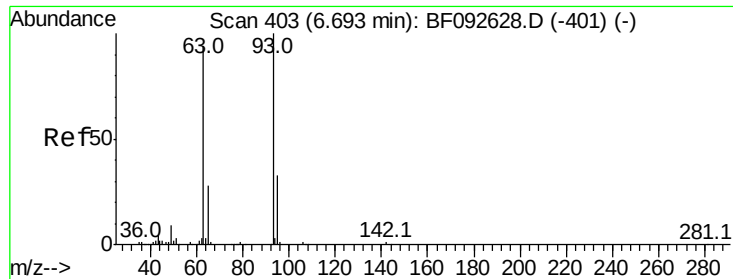


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

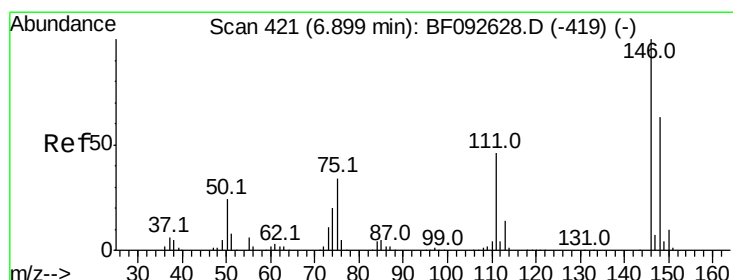
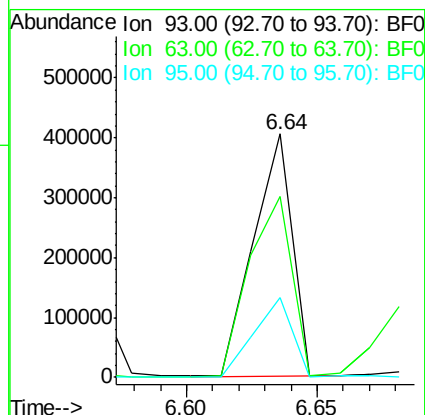
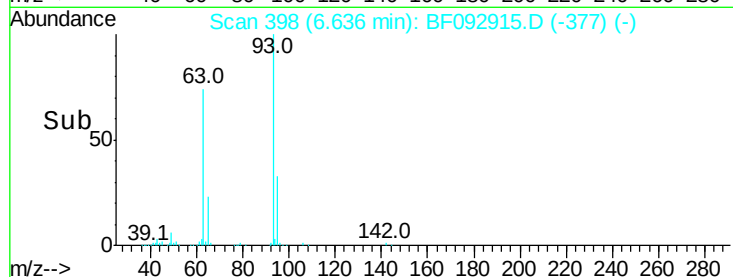
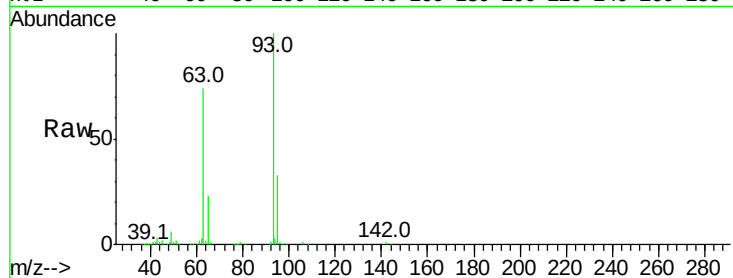




#11
bis(2-Chloroethyl)ether
Concen: 42.94 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.06 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

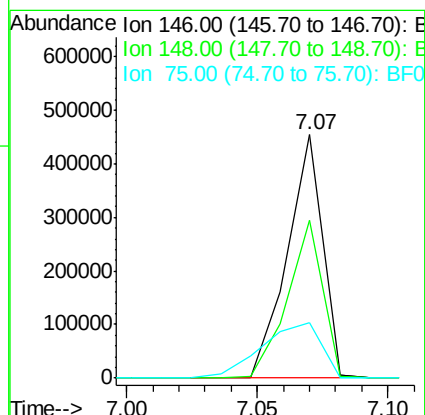
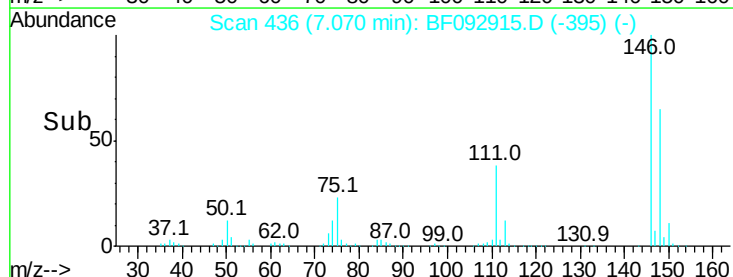
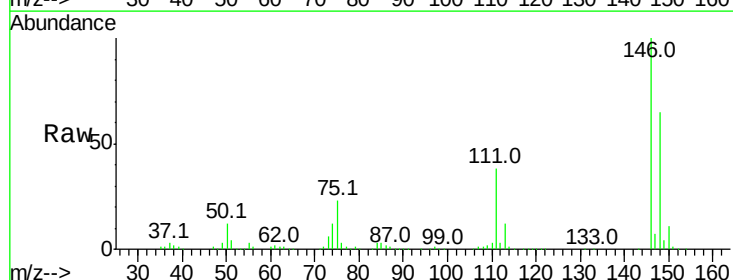
Instrument :
BNA_F
ClientSampleId :

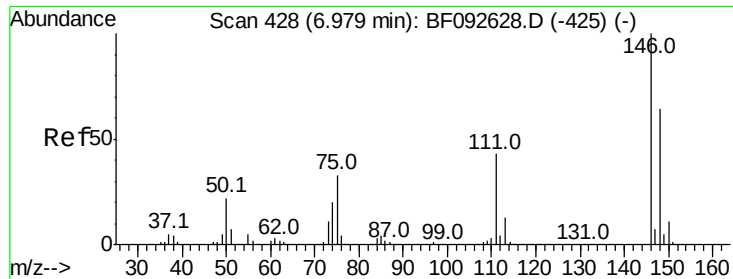
Tot Ion: 93 Resp: 423623
Ion Ratio Lower Upper
93 100
63 74.4 60.4 100.4
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.26 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.17 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion: 146 Resp: 427213
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 22.9 18.5 27.7

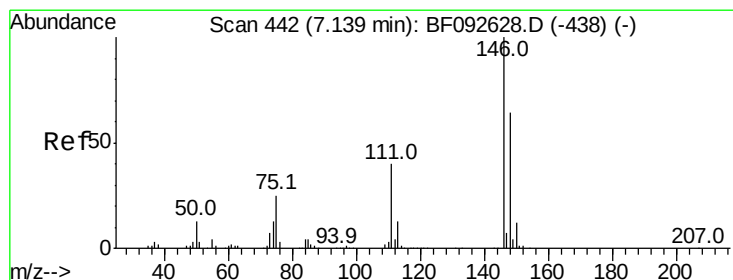
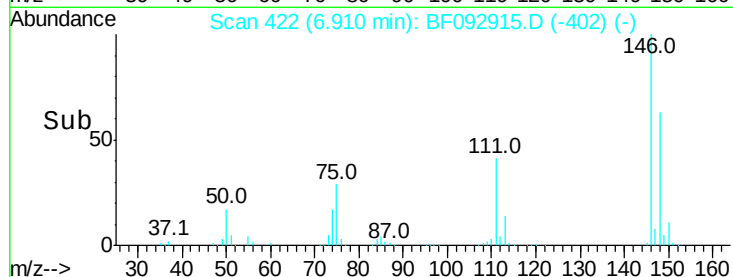
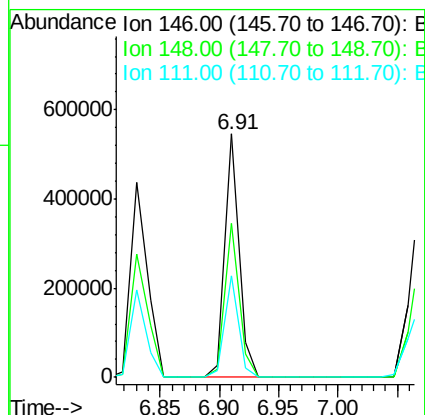
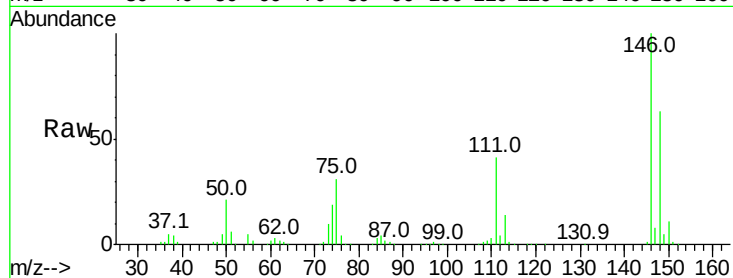




#13
 1,4-Dichlorobenzene
 Concen: 42.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

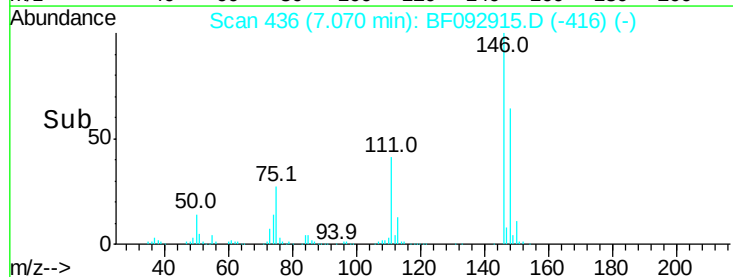
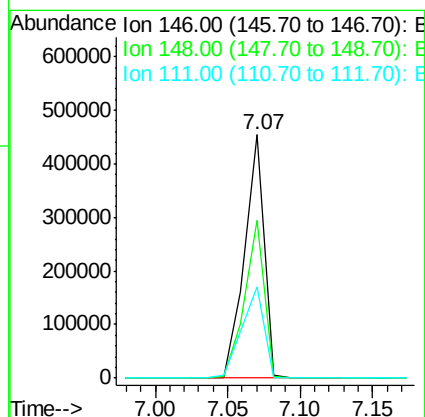
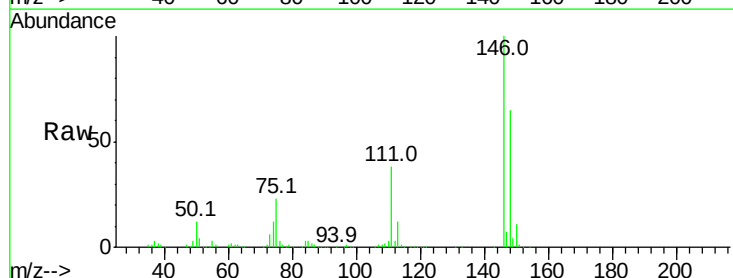
Instrument :
 BNA_F
 ClientSampled :

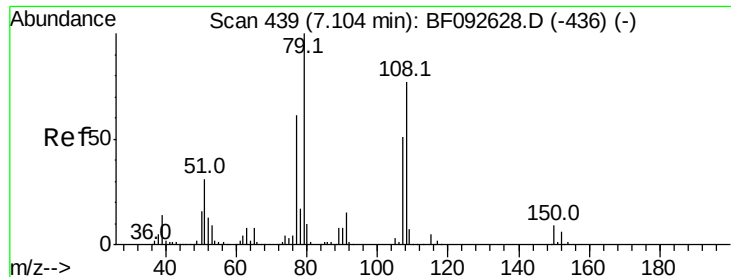
Tot Ion:146 Resp: 451026
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 76.0
 111 41.5 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 41.69 ng
 RT: 7.07 min Scan# 436
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:146 Resp: 428132
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 37.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 38.54 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

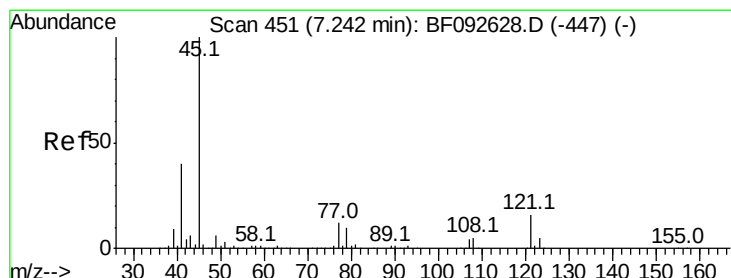
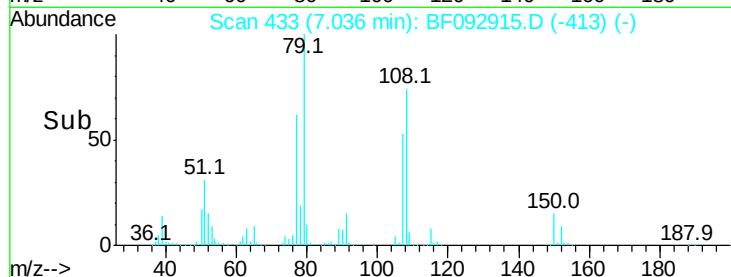
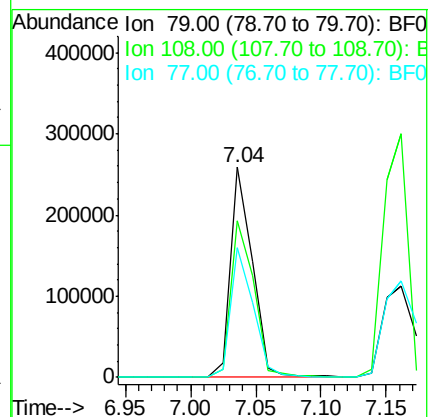
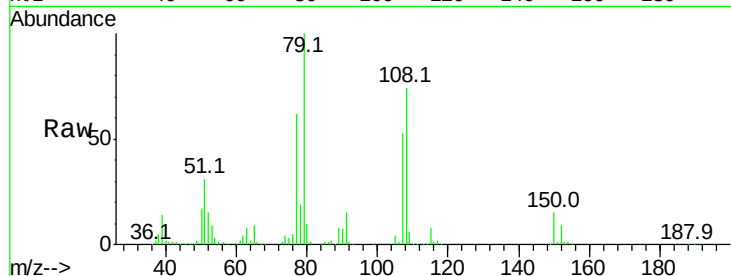
Tot Ion: 79 Resp: 301433

Ion Ratio Lower Upper

79 100

108 74.5 61.4 92.0

77 61.6 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.86 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

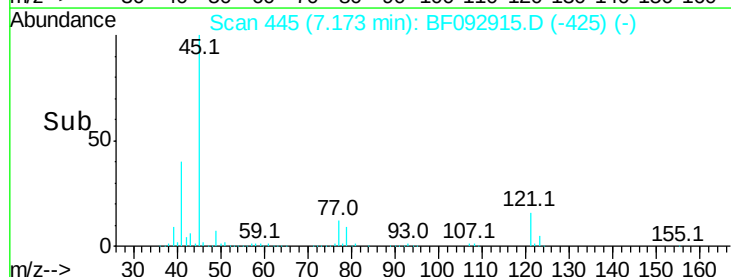
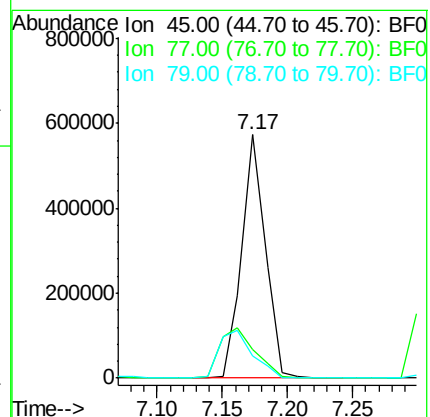
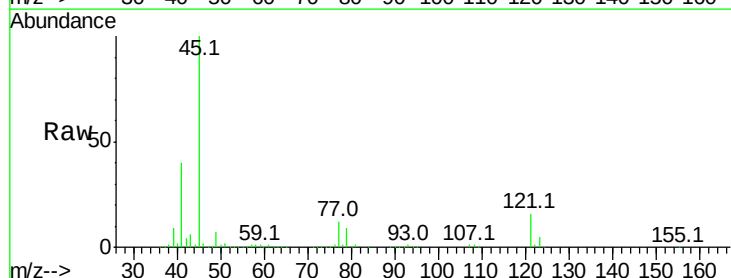
Tgt Ion: 45 Resp: 717570

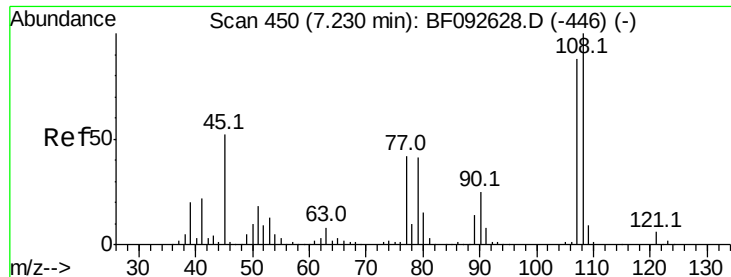
Ion Ratio Lower Upper

45 100

77 11.6 0.0 34.6

79 9.0 0.0 31.2

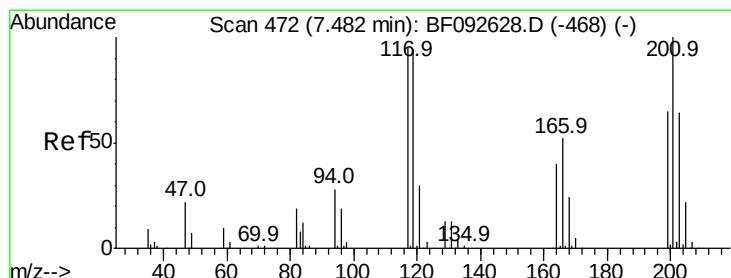
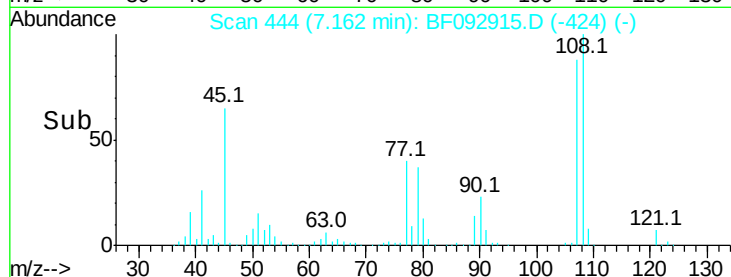
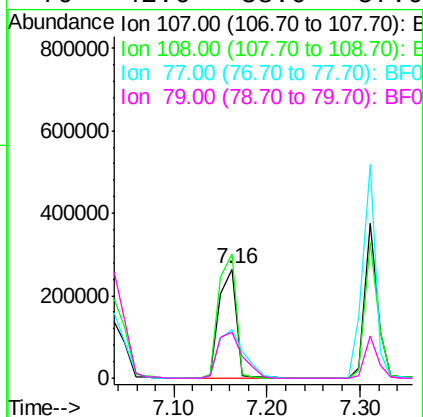
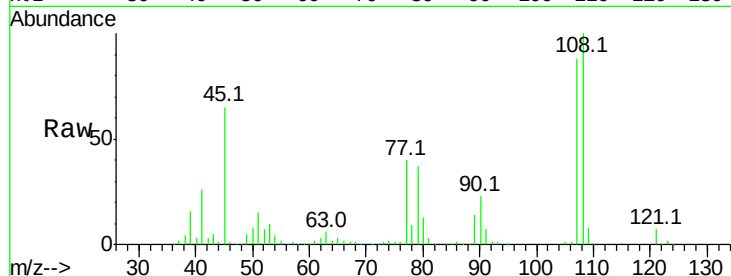




#17
2-Methylphenol
Concen: 43.36 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

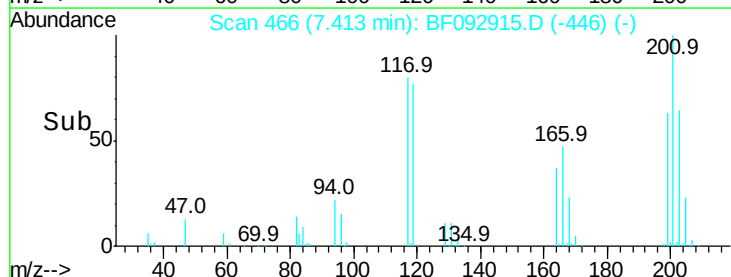
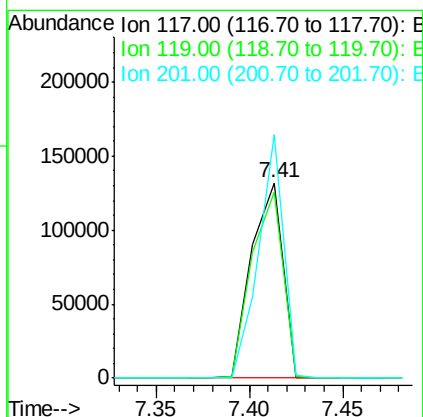
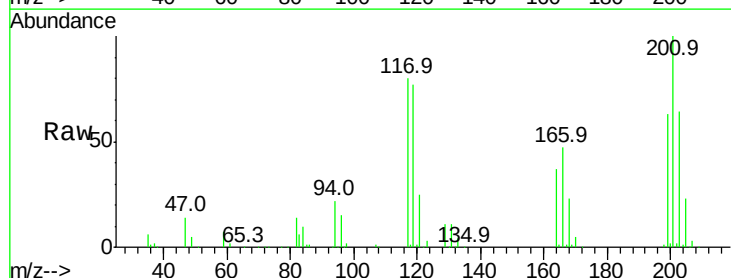
Instrument :
BNA_F
ClientSampleId :

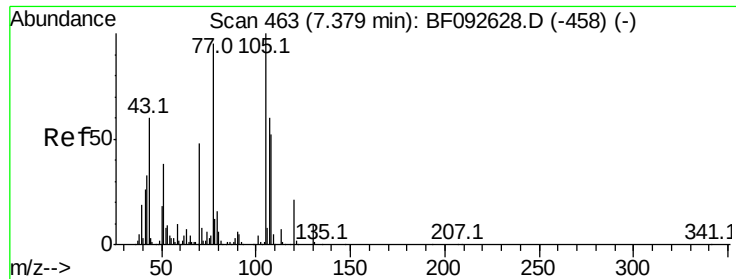
Tot Ion:	107	Resp:	336957
Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.0	139.6
77	45.0	39.8	59.8
79	42.6	38.0	57.0



#18
Hexachloroethane
Concen: 41.84 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:	117	Resp:	153374
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.1	117.1
201	124.6	78.6	117.8#

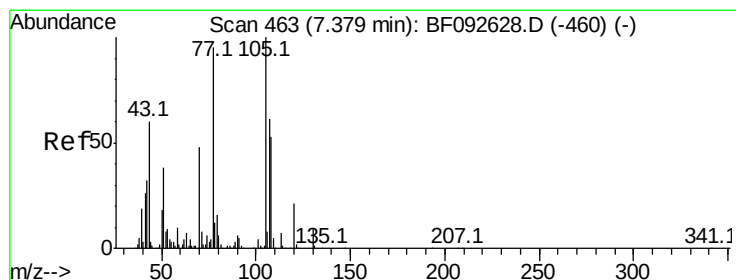
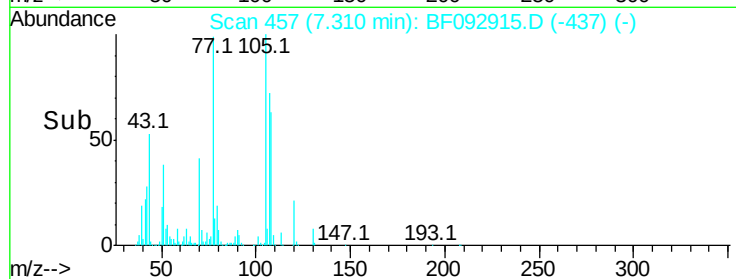
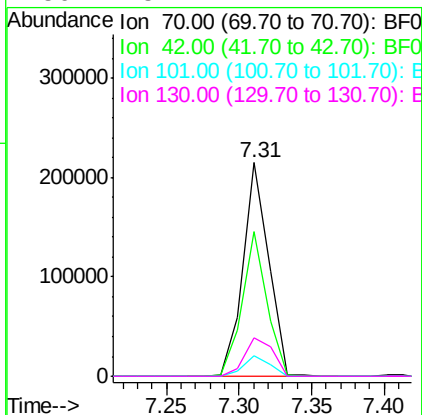
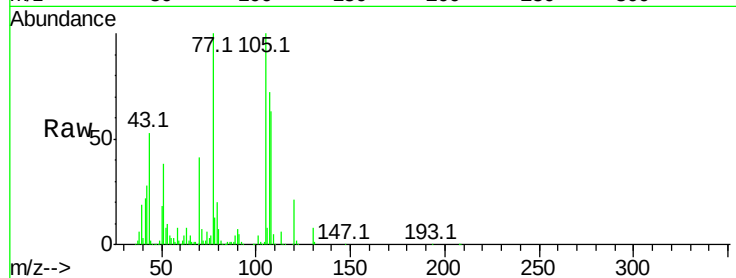




#19
n-Nitroso-di-n-propylamine
Concen: 39.20 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

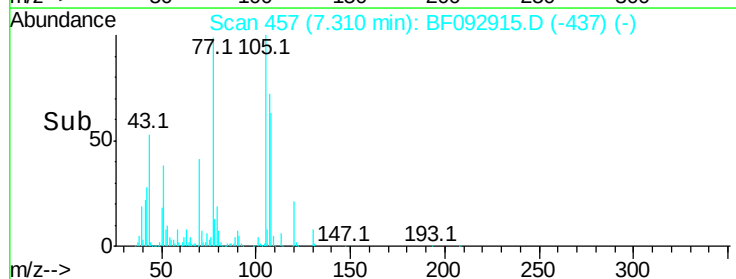
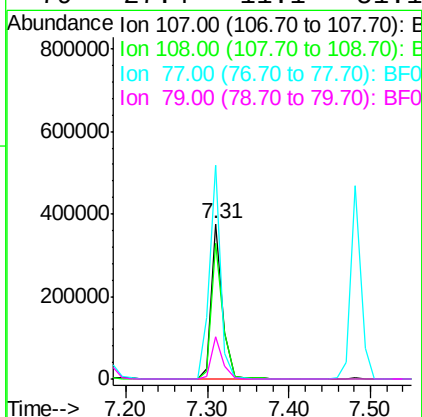
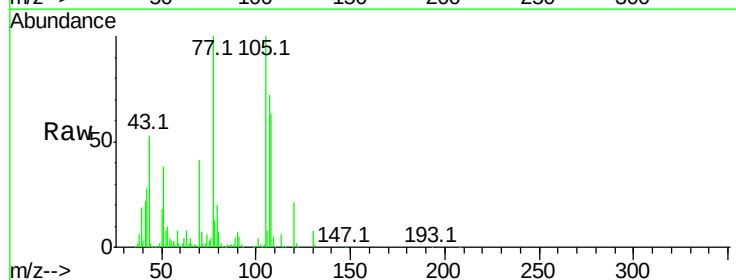
Instrument :
BNA_F
ClientSampleId :

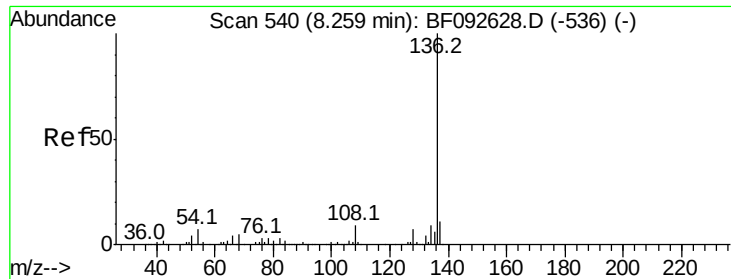
Tot Ion: 70 Resp: 263653
Ion Ratio Lower Upper
70 100
42 67.6 49.4 74.0
101 9.5 7.4 11.2
130 18.2 14.2 21.4



#20
3+4-Methylphenols
Concen: 39.05 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:107 Resp: 362859
Ion Ratio Lower Upper
107 100
108 87.3 73.0 113.0
77 137.9 71.3 111.3#
79 27.4 11.1 51.1

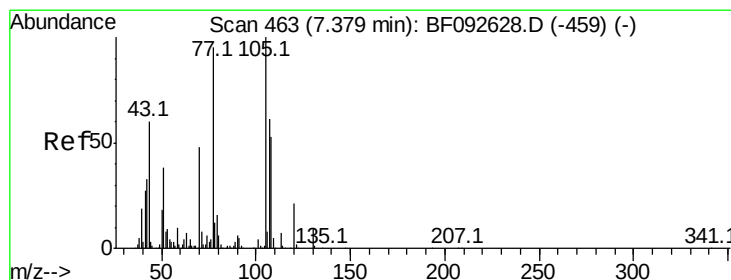
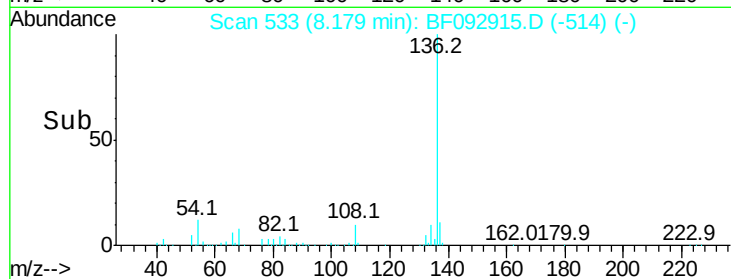
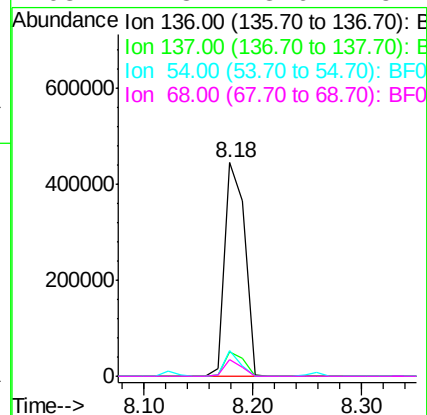
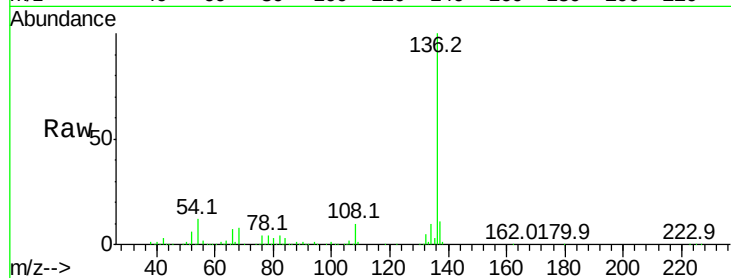




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

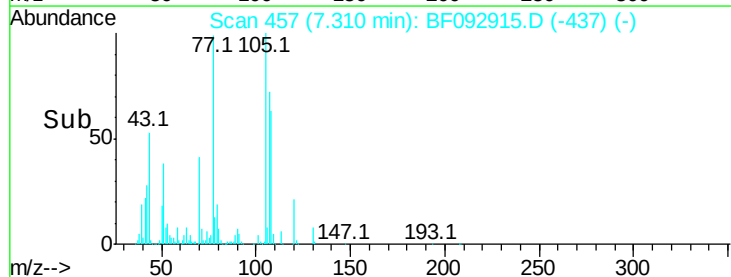
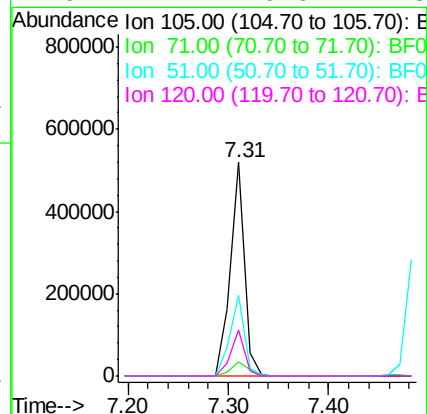
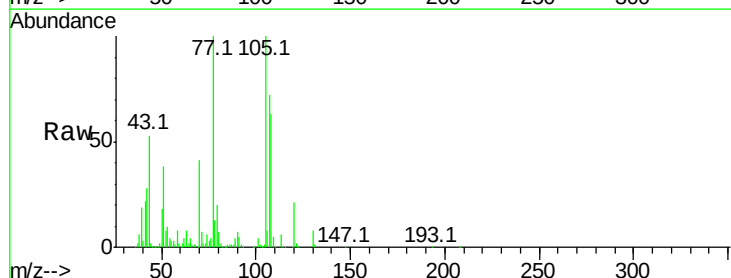
Instrument :
BNA_F
ClientSampleId :

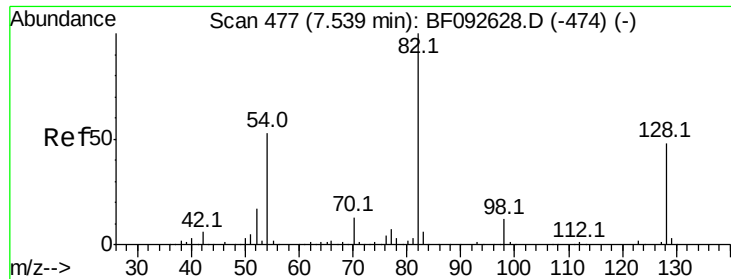
Tot Ion:136	Resp:	571226	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.4	12.6	
54 12.3	4.5	6.7#	
68 7.8	3.6	5.4#	



#22
Acetophenone
Concen: 39.26 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt	Ion:105	Resp:	511987
Ion	Ratio	Lower	Upper
105	100		
71	6.9	3.2	4.8#
51	38.1	26.2	39.4
120	21.4	16.6	24.8

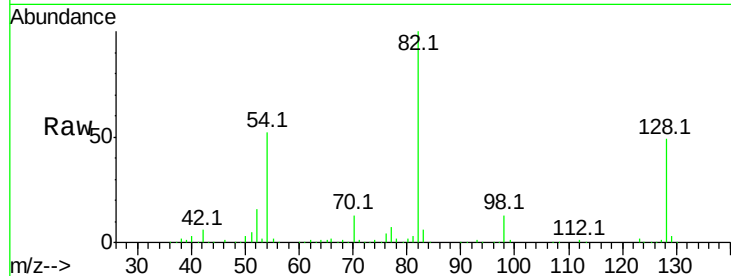




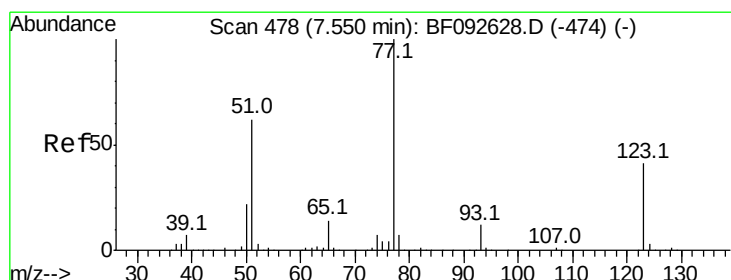
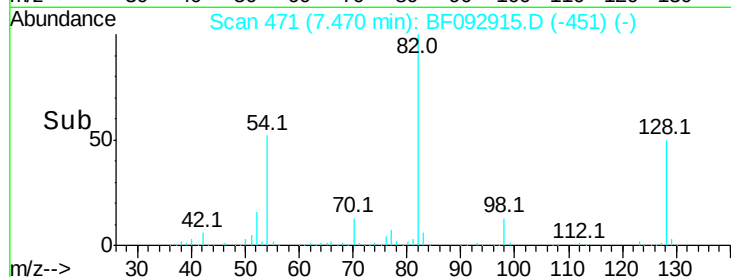
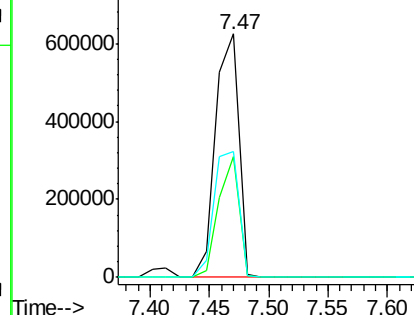
#23
 Nitrobenzene-d5
 Concen: 82.21 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 843264
 Ion Ratio Lower Upper
 82 100
 128 49.5 34.6 52.0
 54 51.7 39.5 59.3

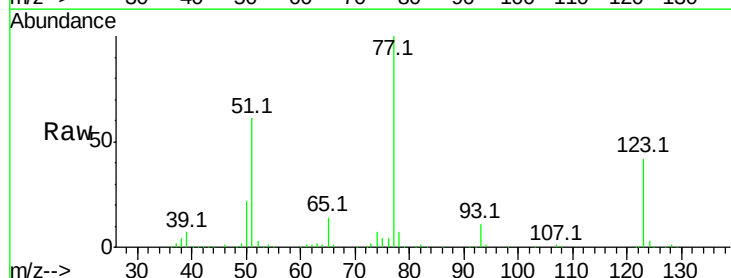


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

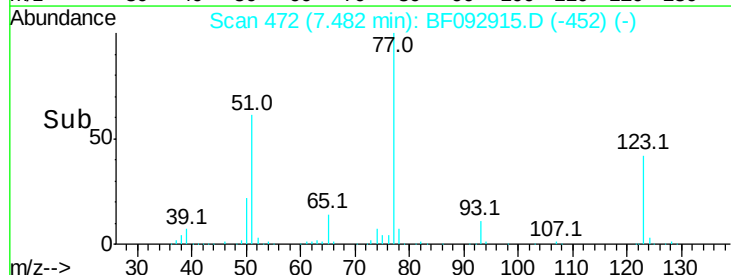
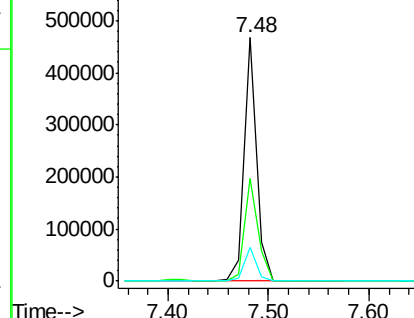


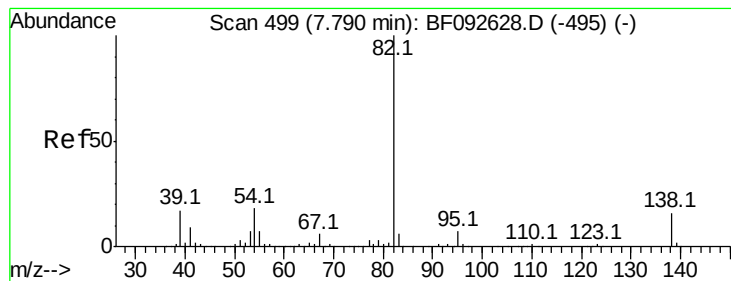
#24
 Nitrobenzene
 Concen: 38.19 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion: 77 Resp: 402297
 Ion Ratio Lower Upper
 77 100
 123 42.0 33.0 49.4
 65 13.6 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: 40.92 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampled :

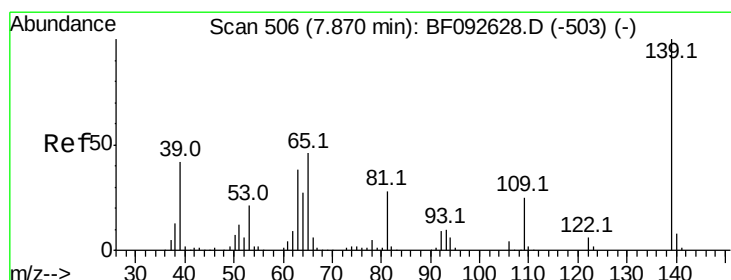
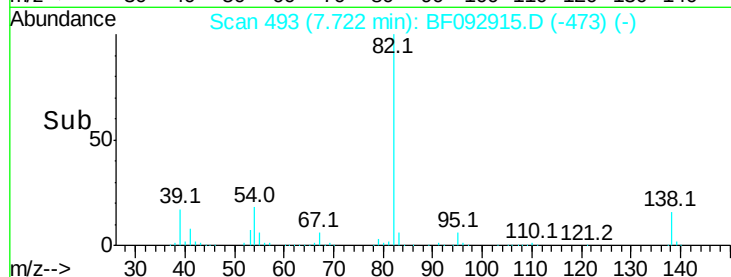
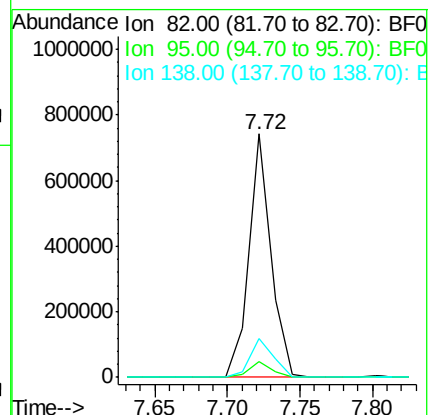
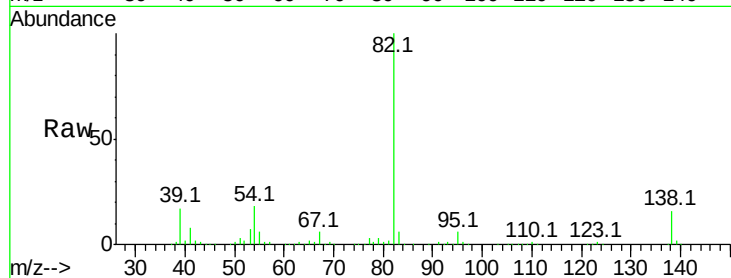
Tot Ion: 82 Resp: 782234

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 16.2 14.6 22.0



#26

2-Nitrophenol

Concen: 44.32 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

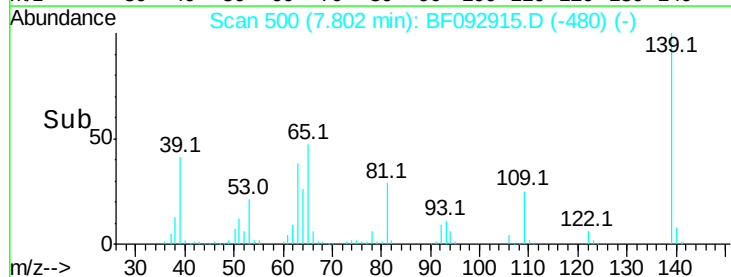
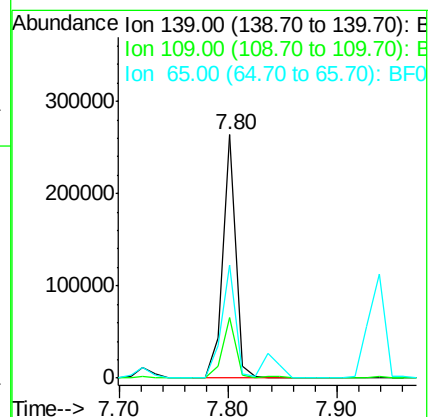
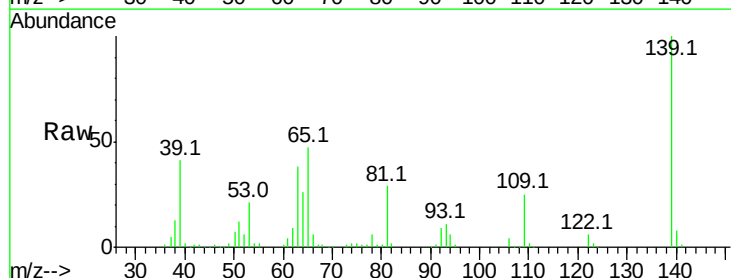
Tgt Ion: 139 Resp: 221897

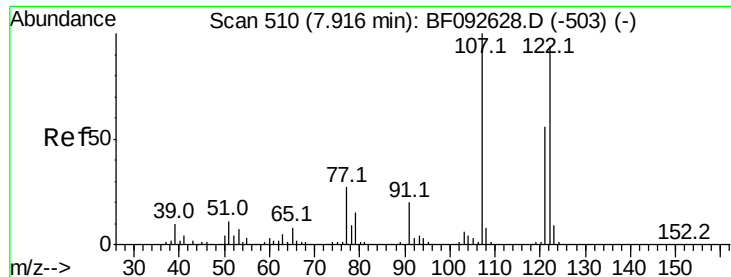
Ion Ratio Lower Upper

139 100

109 24.8 23.3 34.9

65 46.7 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 39.35 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.08 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

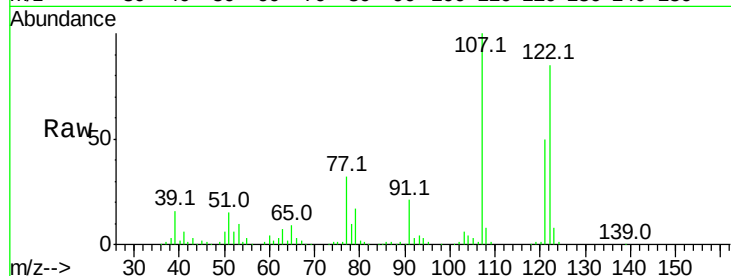
Tot Ion:122 Resp: 345974

Ion Ratio Lower Upper

122 100

107 118.0 94.1 141.1

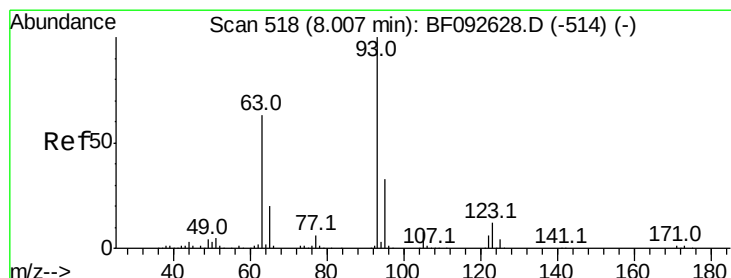
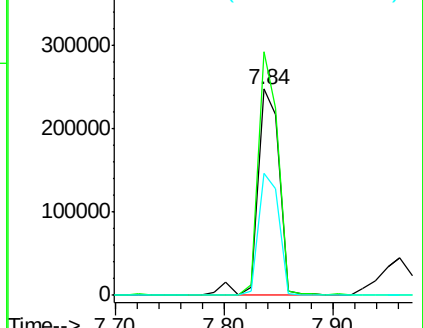
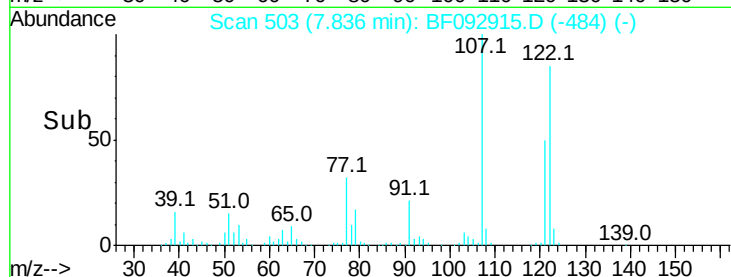
121 59.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.92 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

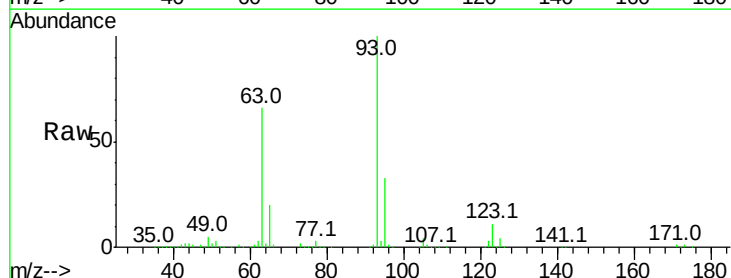
Tgt Ion: 93 Resp: 543315

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

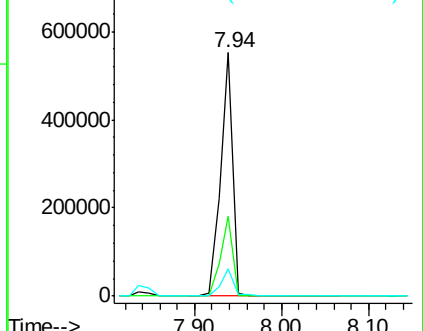
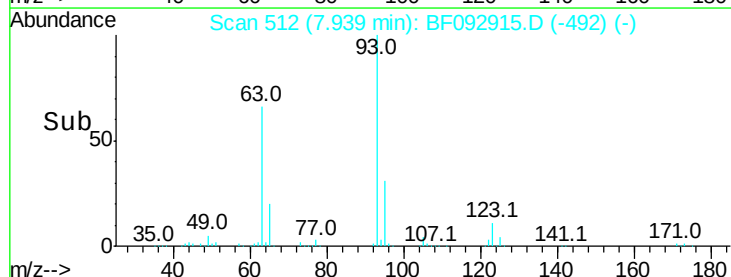
123 11.3 8.6 13.0

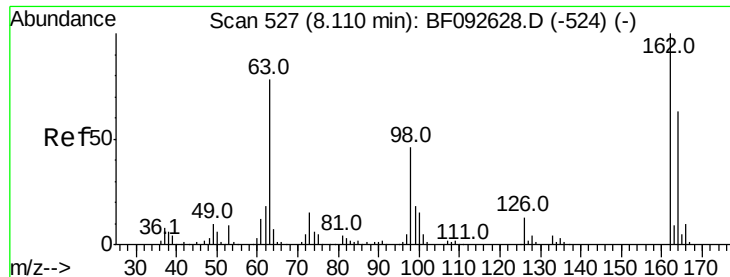


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

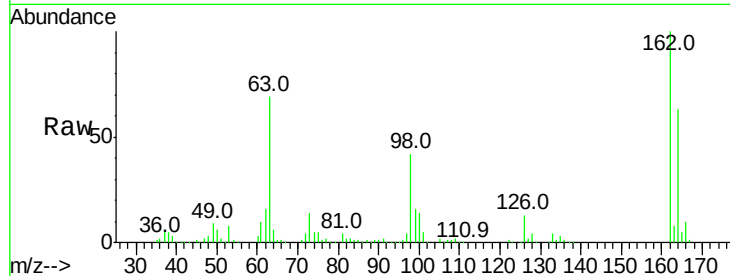




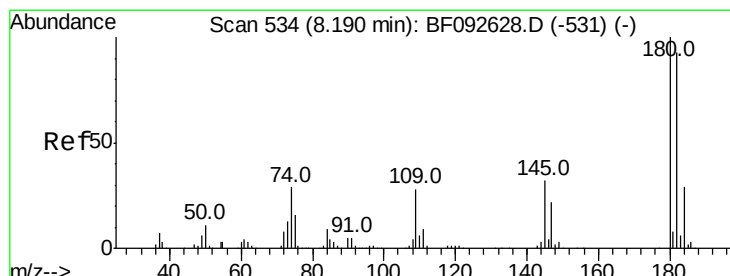
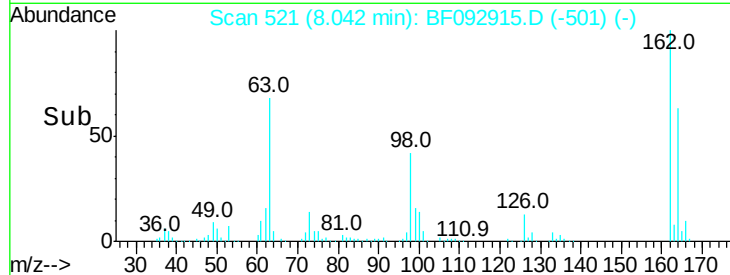
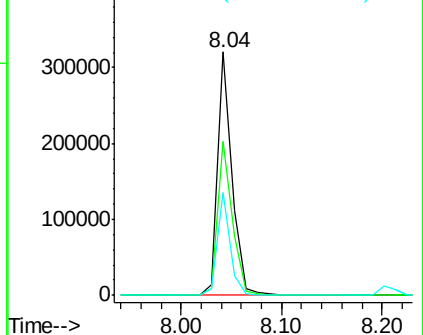
#29
 2,4-Dichlorophenol
 Concen: 38.79 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 318139
 Ion Ratio Lower Upper
 162 100
 164 63.1 46.8 86.8
 98 42.4 9.1 49.1

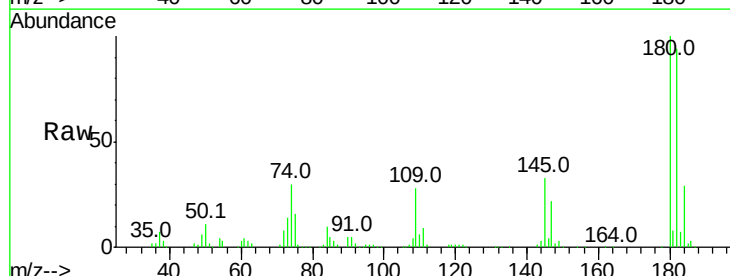


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

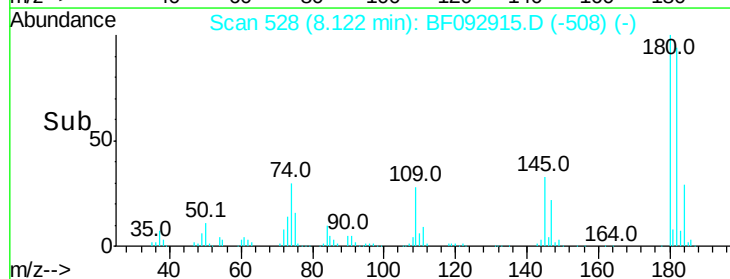
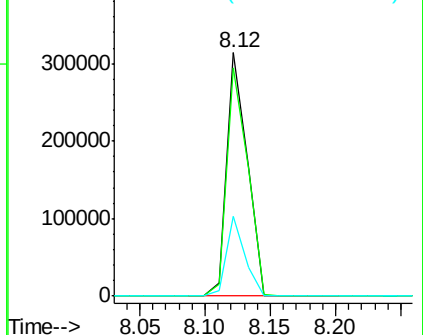


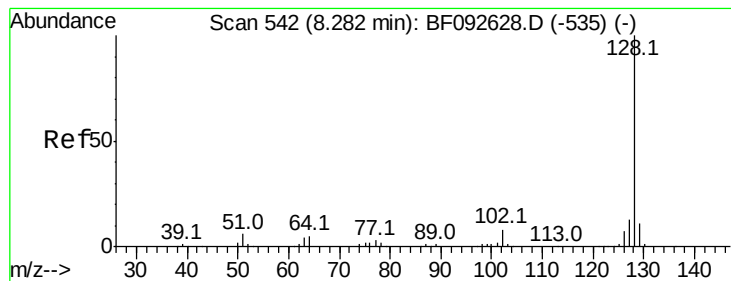
#30
 1,2,4-Trichlorobenzene
 Concen: 38.69 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:180 Resp: 341923
 Ion Ratio Lower Upper
 180 100
 182 93.5 78.2 117.4
 145 32.9 21.6 32.4#



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





#31

Naphthalene

Concen: 38.59 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.08 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampled :

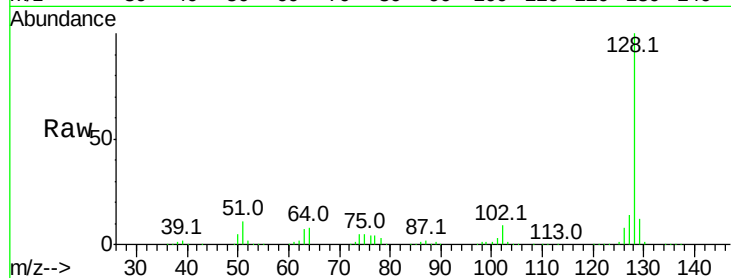
Tot Ion:128 Resp: 1117469

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

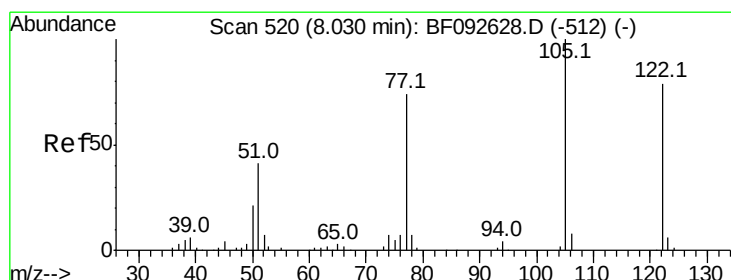
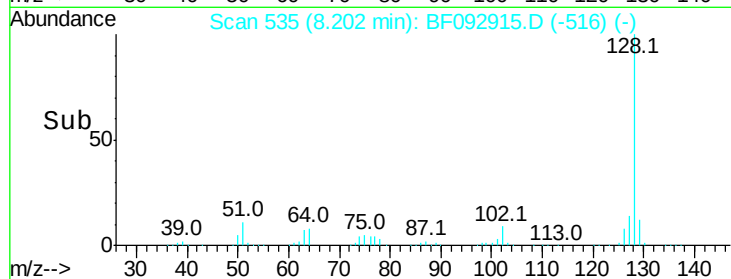
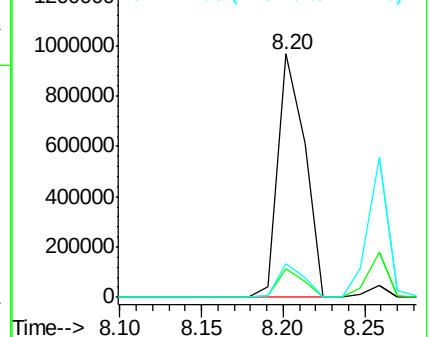
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.85 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

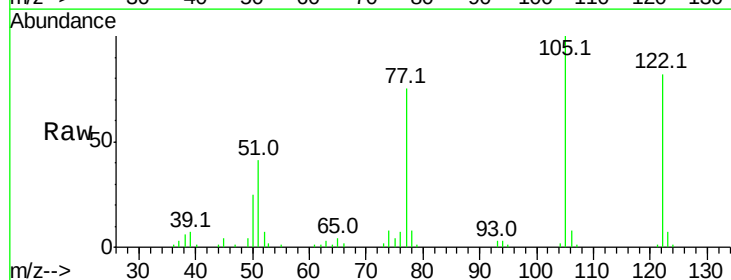
Tgt Ion:122 Resp: 91839

Ion Ratio Lower Upper

122 100

105 122.4 107.2 147.2

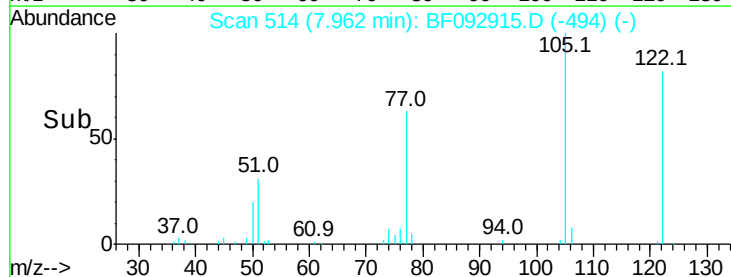
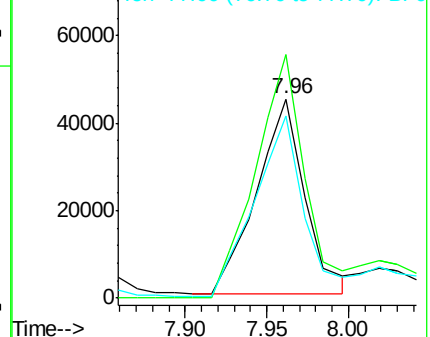
77 91.4 74.5 114.5

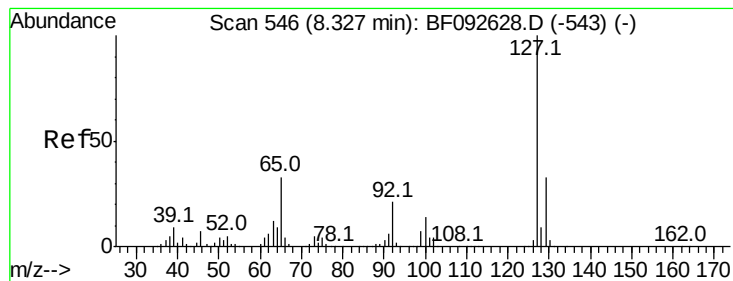


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 43.54 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF092915.D

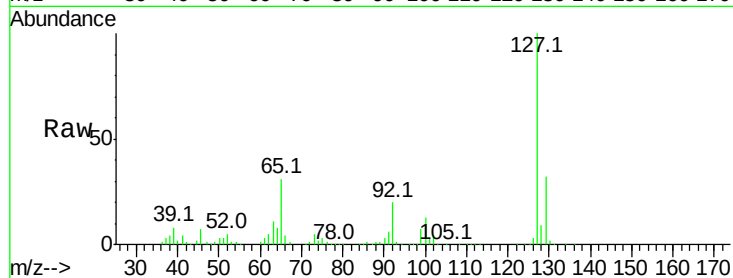
Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	494487
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	31.0	25.8	38.8
92	19.7	16.1	24.1

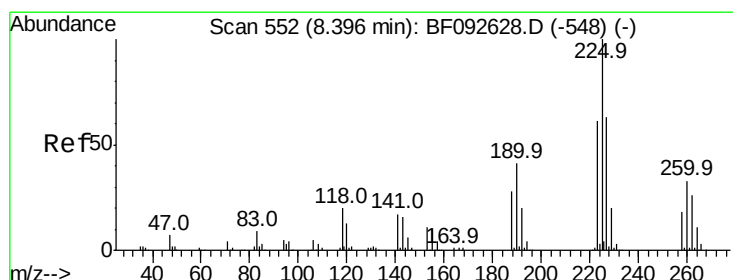
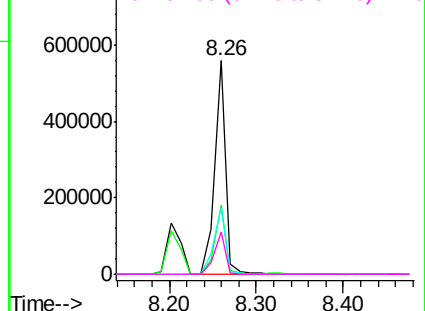
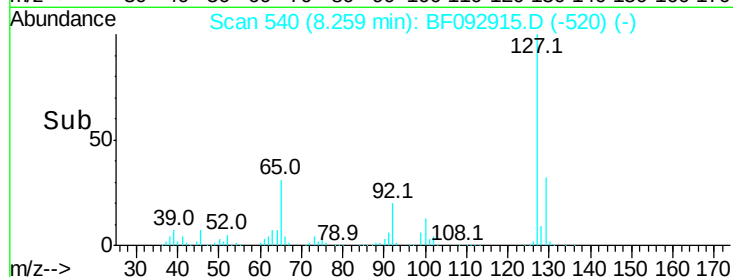


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.09 ng

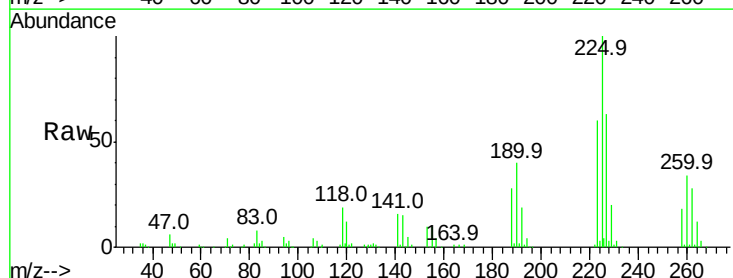
RT: 8.33 min Scan# 546

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

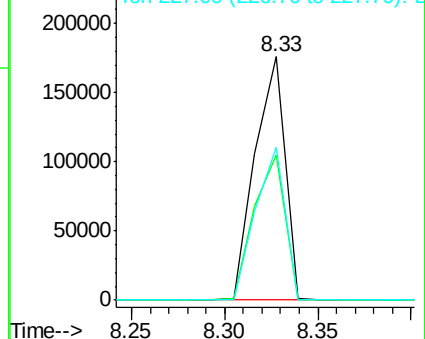
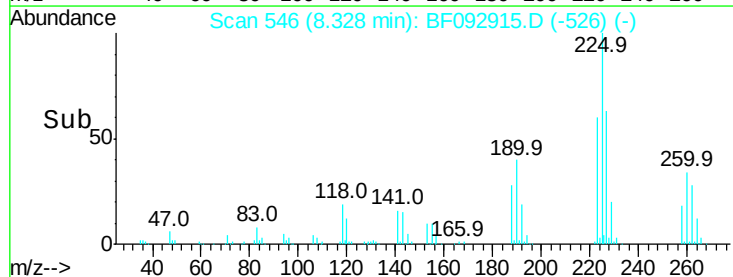
Tgt Ion:	225	Resp:	194943
Ion	Ratio	Lower	Upper
225	100		
223	59.8	51.0	76.6
227	62.6	50.6	76.0

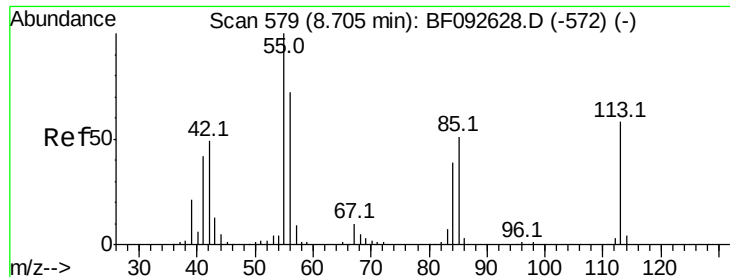


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

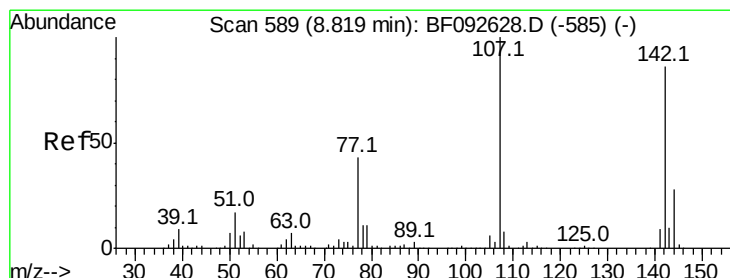
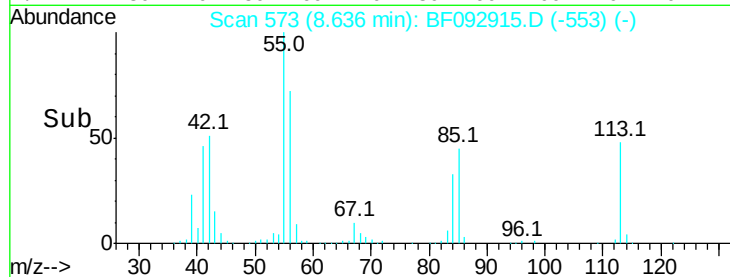
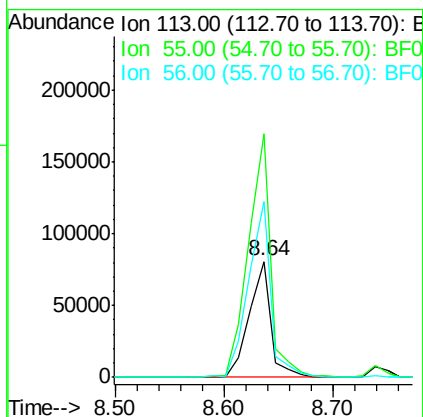
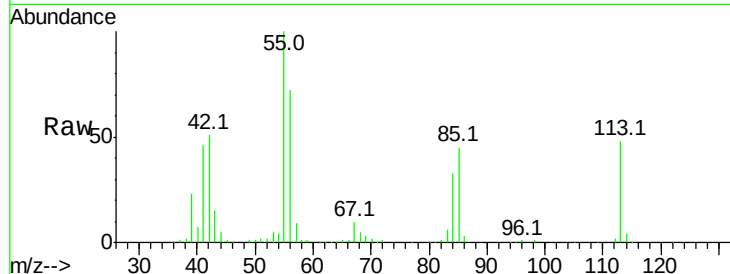




#35
 Caprolactam
 Concen: 43.21 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

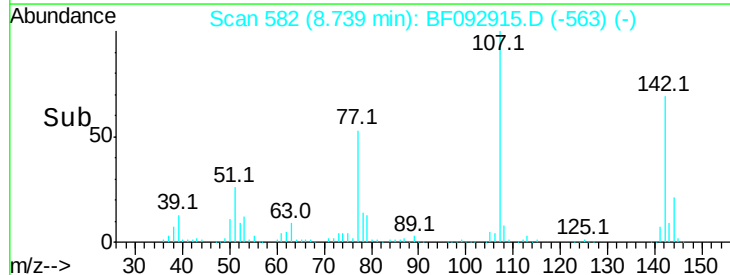
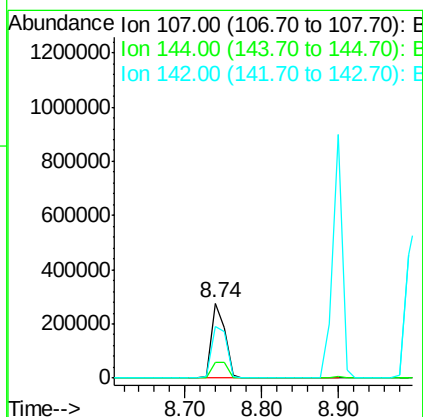
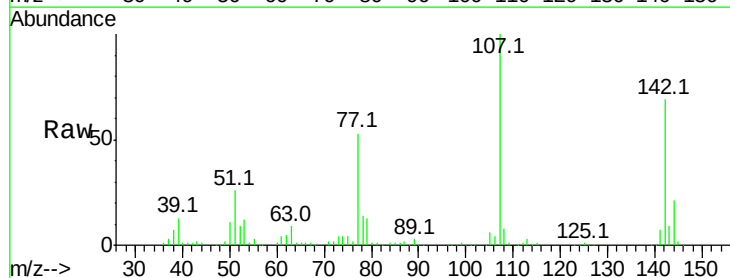
Instrument :
 BNA_F
 ClientSampled :

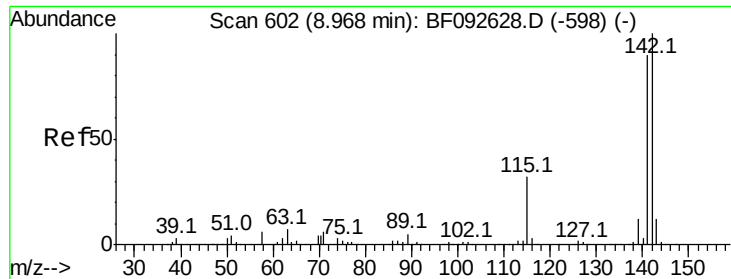
Tot Ion:113 Resp: 111462
 Ion Ratio Lower Upper
 113 100
 55 209.5 119.2 159.2#
 56 151.3 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 39.33 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.08 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:107 Resp: 336241
 Ion Ratio Lower Upper
 107 100
 144 21.4 19.3 28.9
 142 69.4 59.0 88.6

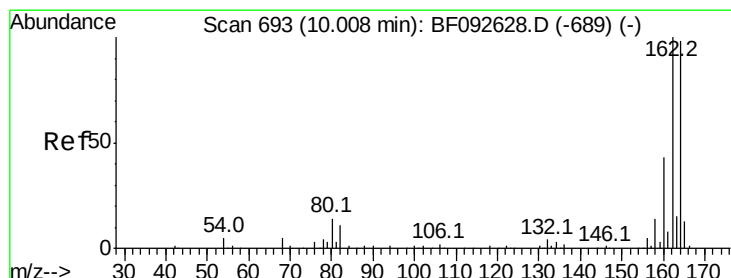
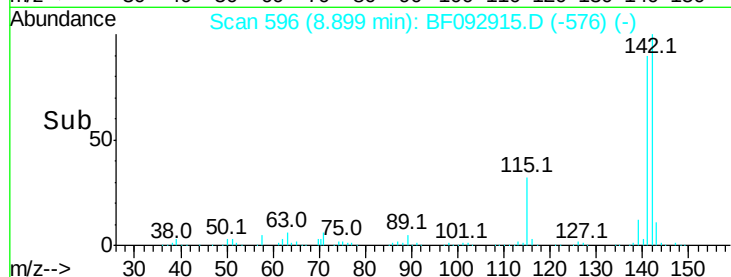
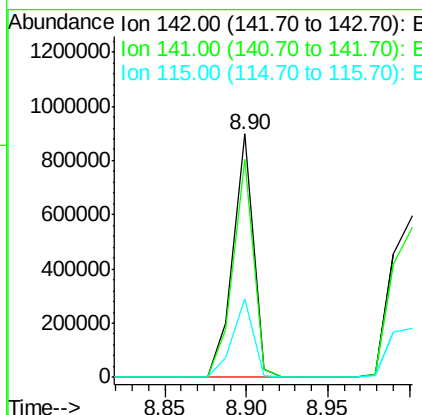
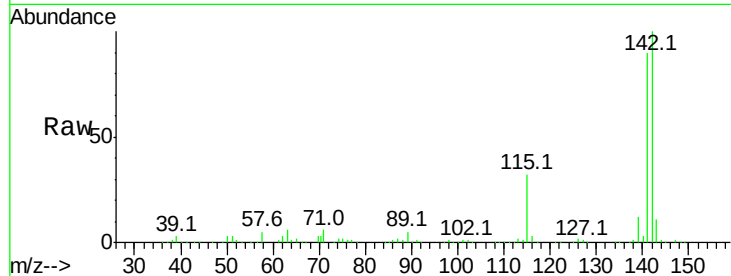




#37
 2-Methylnaphthalene
 Concen: 41.86 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

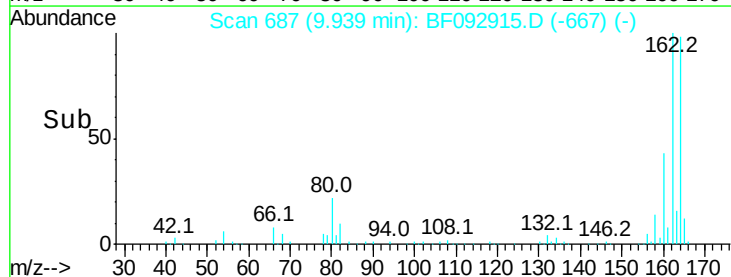
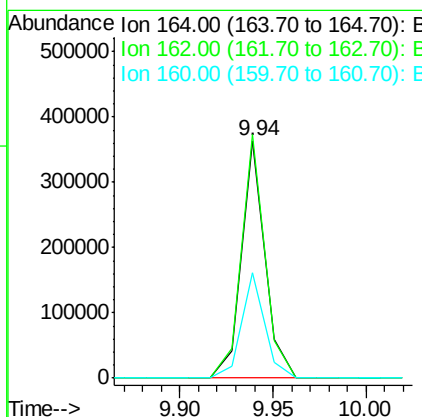
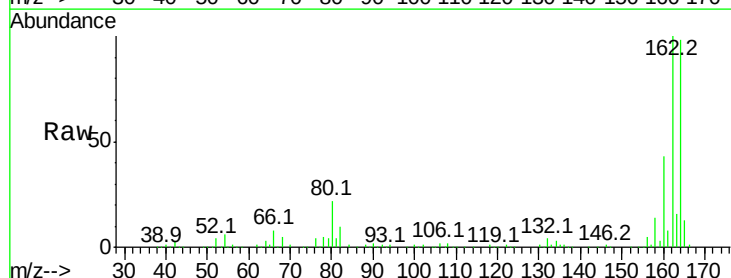
Instrument :
 BNA_F
 ClientSampled :

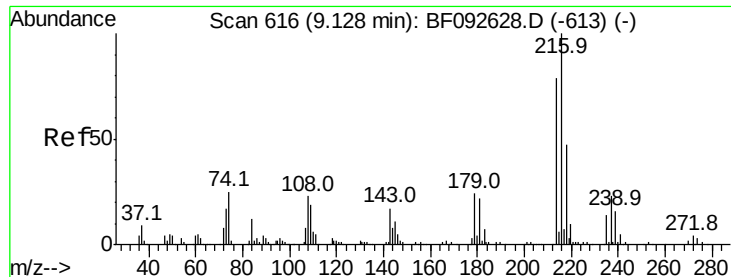
Tot Ion:142 Resp: 778364
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 32.3 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:164 Resp: 319042
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 44.4 36.9 55.3

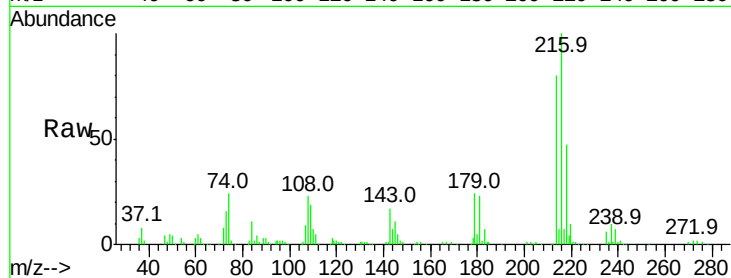




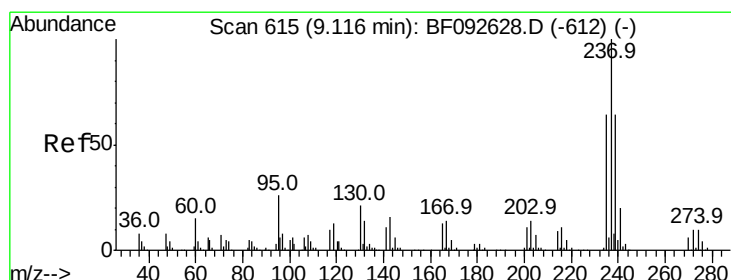
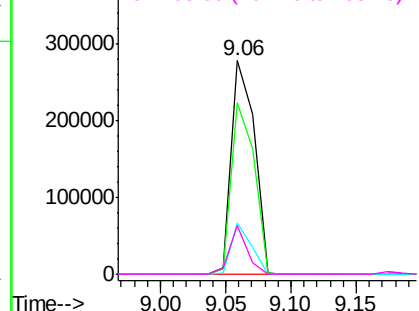
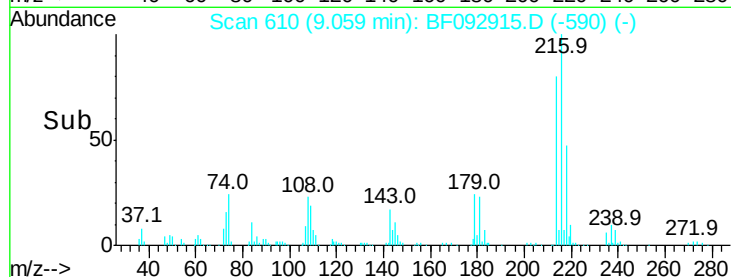
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.14 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	341576
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.0	17.4	26.2
108	17.9	15.6	23.4

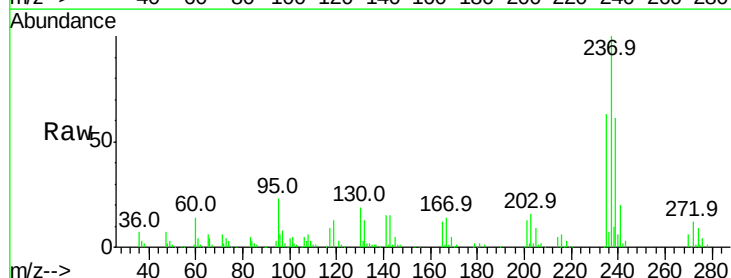


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

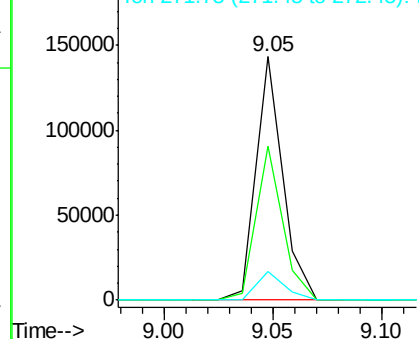
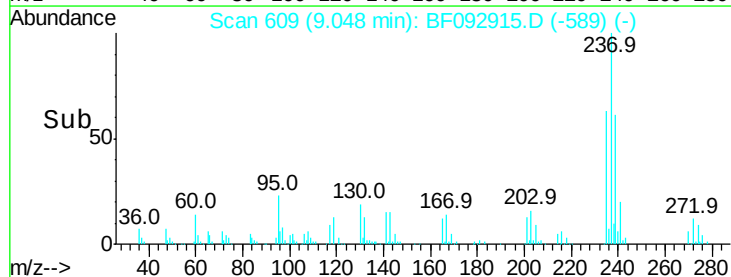


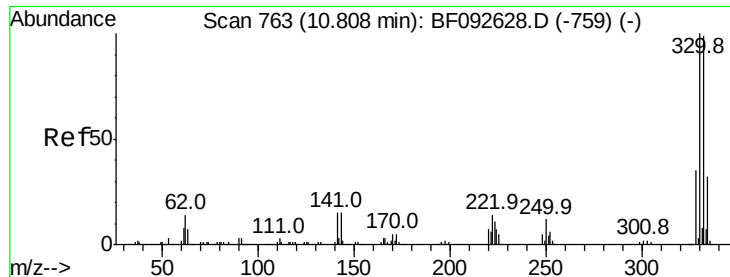
#40
 Hexachlorocyclopentadiene
 Concen: 30.20 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:	237	Resp:	122011
Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.2	81.2
272	11.6	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

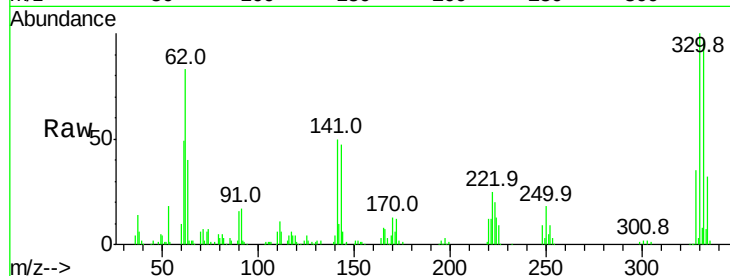




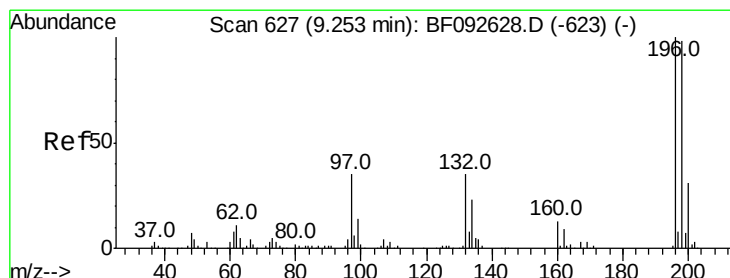
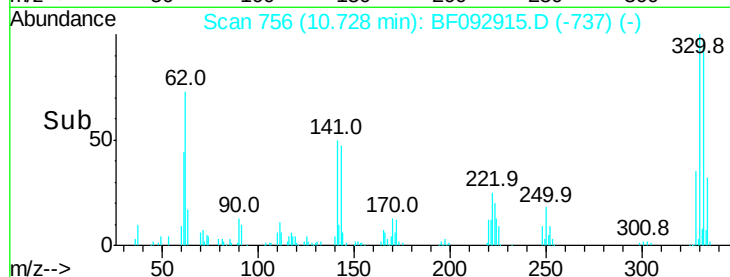
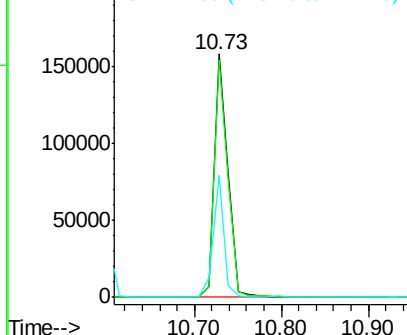
#41
 2,4,6-Tribromophenol
 Concen: 75.82 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 174946
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 39.9 34.1 51.1

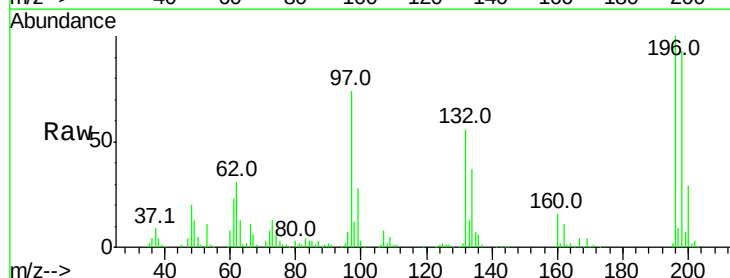


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

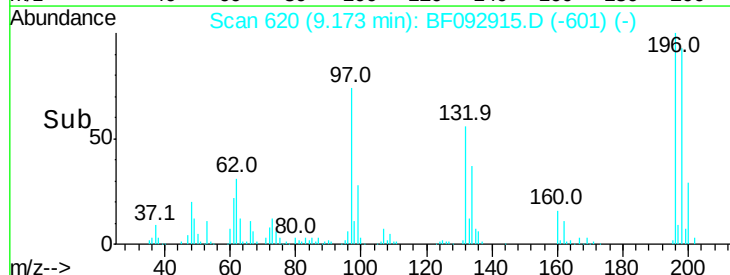
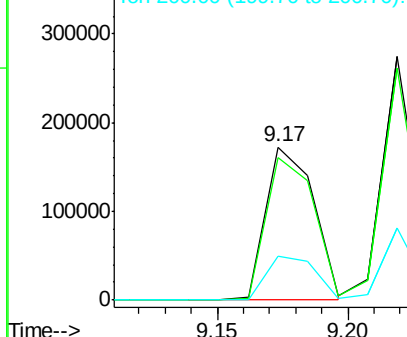


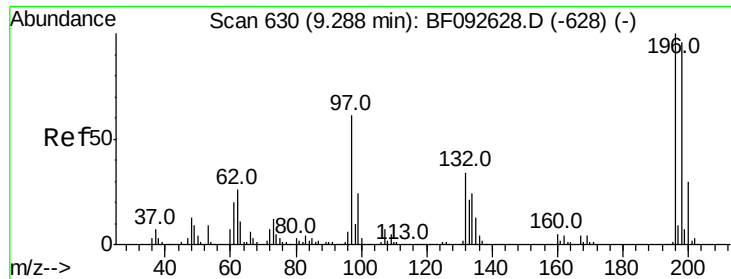
#42
 2,4,6-Trichlorophenol
 Concen: 37.38 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.08 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:196 Resp: 219980
 Ion Ratio Lower Upper
 196 100
 198 93.0 82.1 123.1
 200 28.8 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

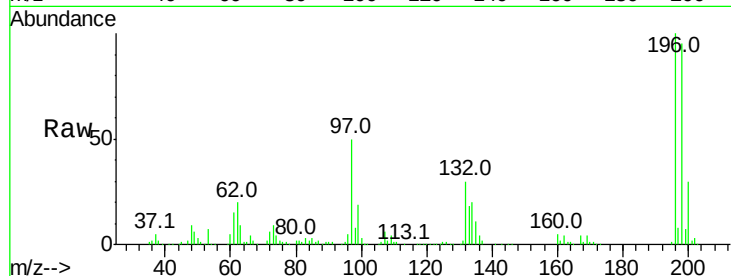




#43
 2,4,5-Trichlorophenol
 Concen: 38.60 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.4	119.2
97	50.0	51.5	77.3#
132	30.4	27.4	41.2



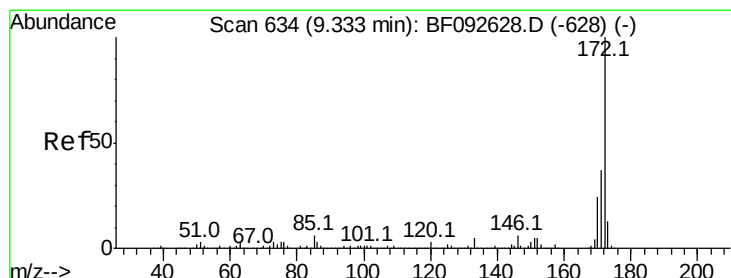
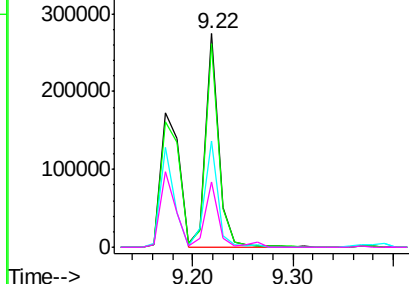
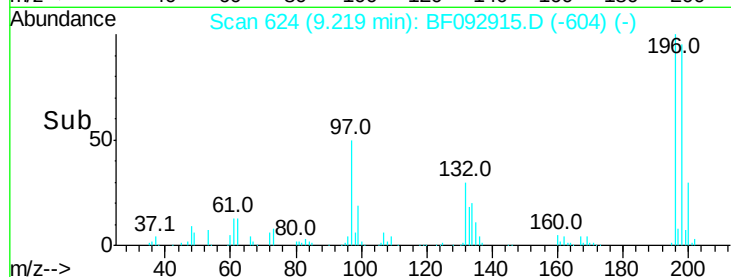
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

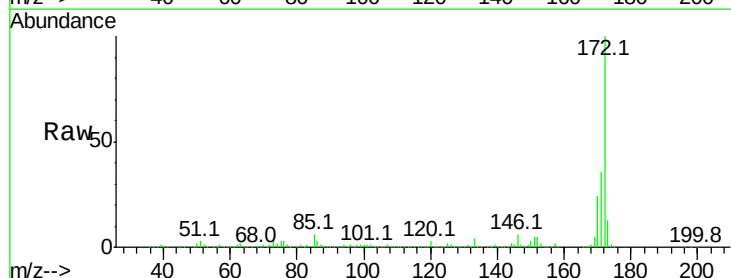
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.67 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.2	20.2	30.4

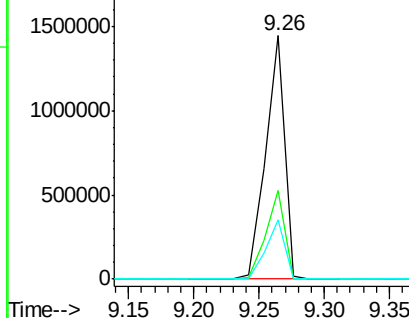
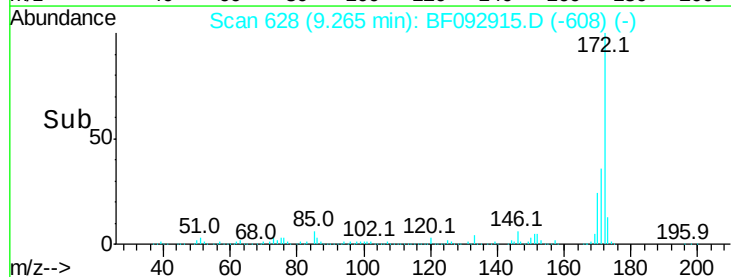


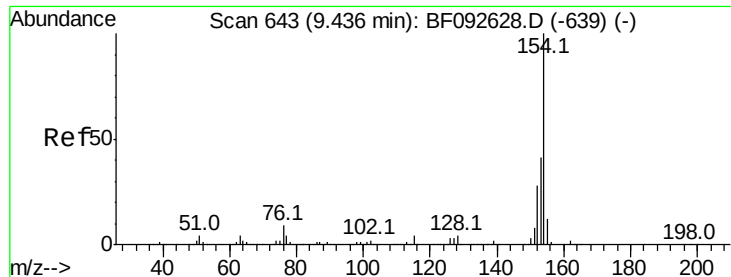
Abundance

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: 40.55 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampled :

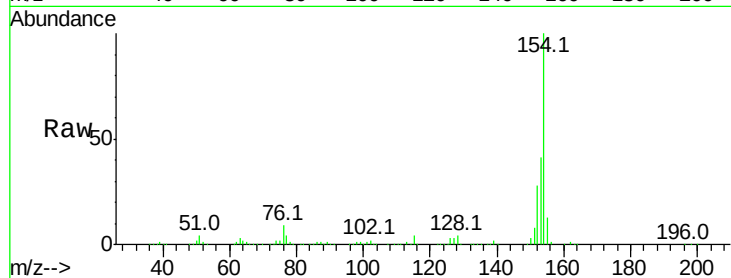
Tot Ion:154 Resp: 936894

Ion Ratio Lower Upper

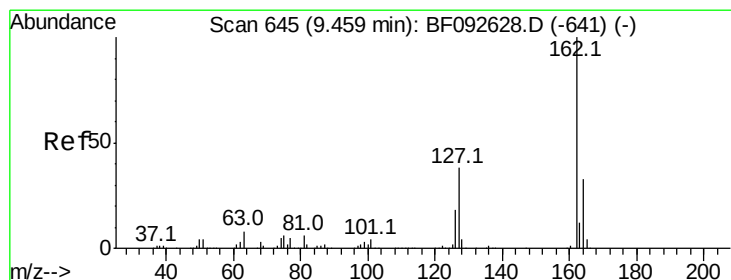
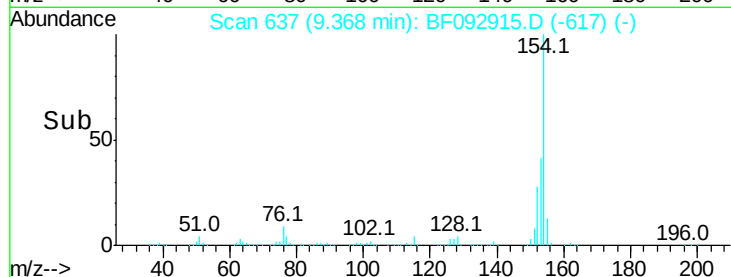
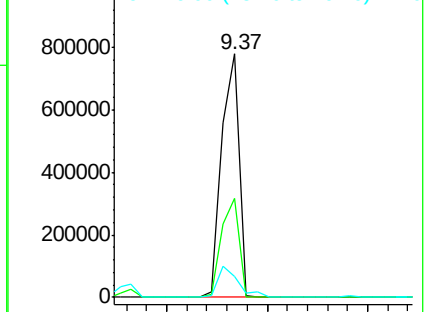
154 100

153 40.6 20.9 60.9

76 8.6 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: 42.48 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

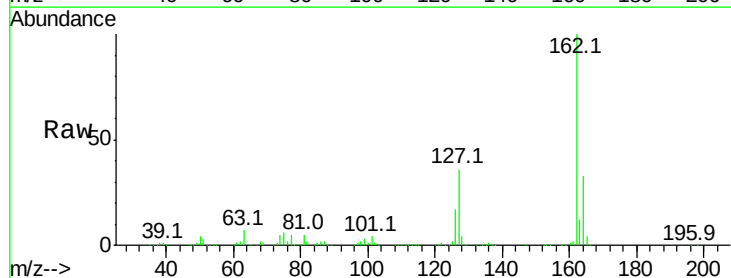
Tgt Ion:162 Resp: 767632

Ion Ratio Lower Upper

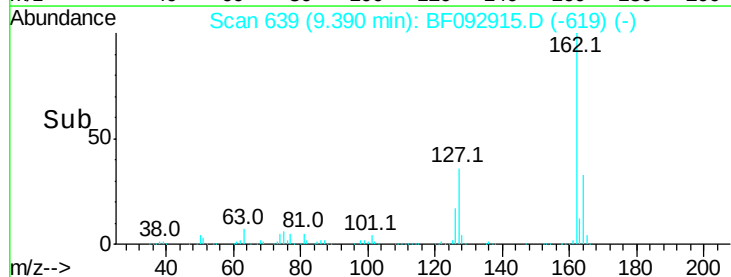
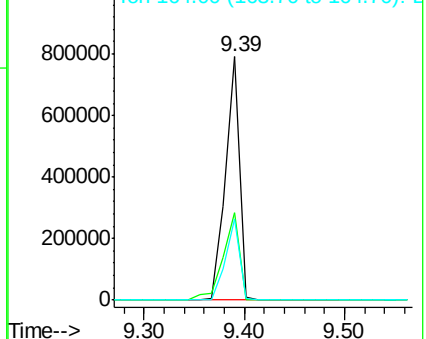
162 100

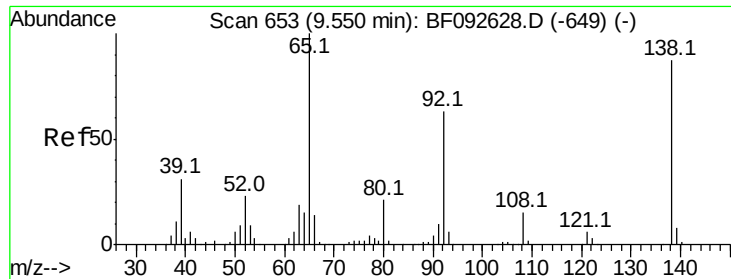
127 35.8 30.7 46.1

164 33.4 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

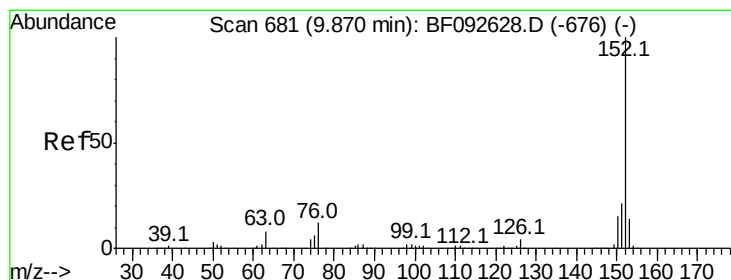
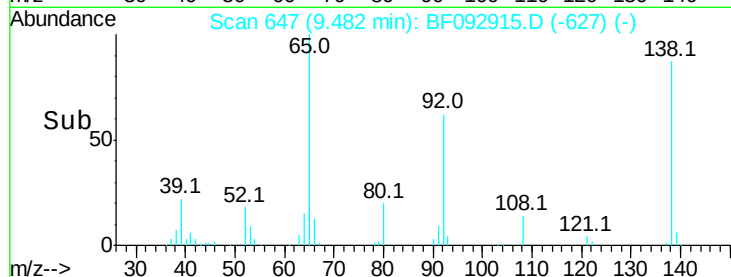
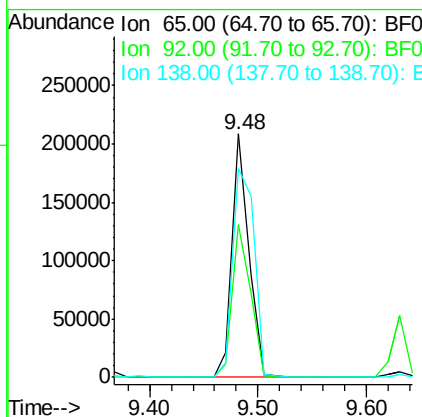
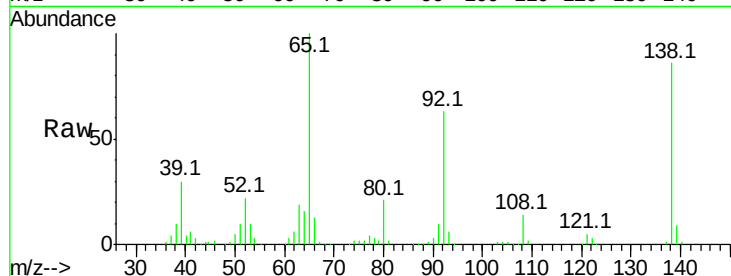




#47
 2-Nitroaniline
 Concen: 36.36 ng
 RT: 9.48 min Scan# 647
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

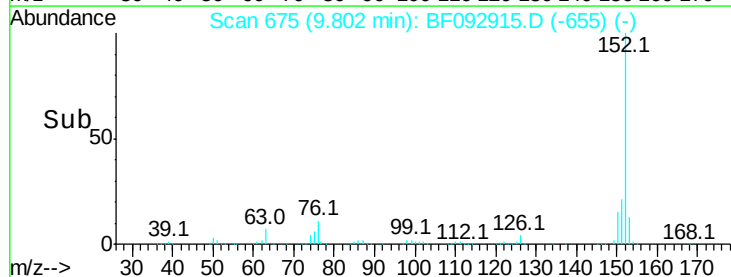
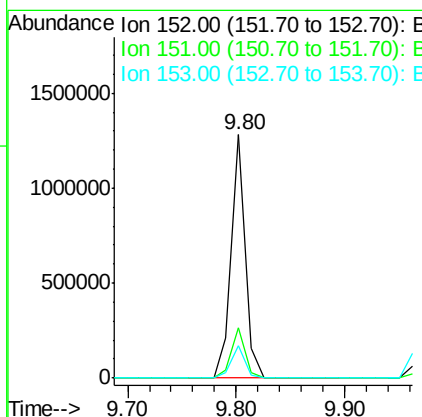
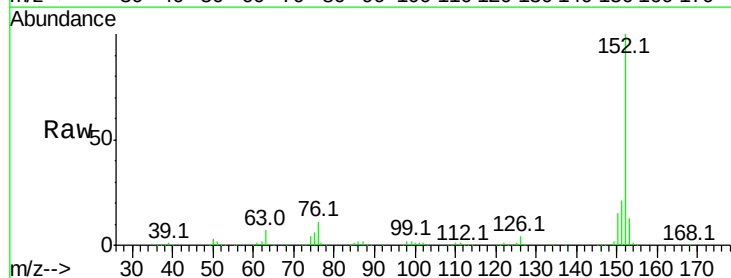
Instrument :
 BNA_F
 ClientSampleId :

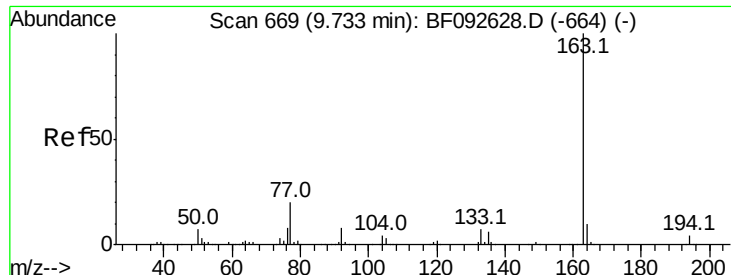
Tot Ion: 65 Resp: 220954
 Ion Ratio Lower Upper
 65 100
 92 62.7 53.9 80.9
 138 86.0 76.8 115.2



#48
 Acenaphthylene
 Concen: 36.47 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:152 Resp: 1138493
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.9 25.3
 153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 36.97 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampled :

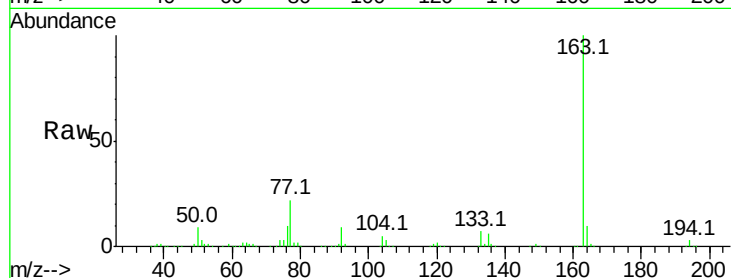
Tot Ion:163 Resp: 794444

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

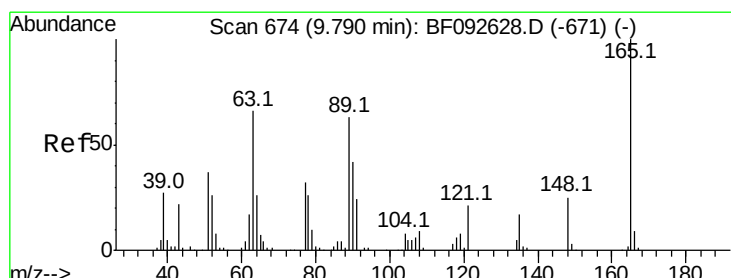
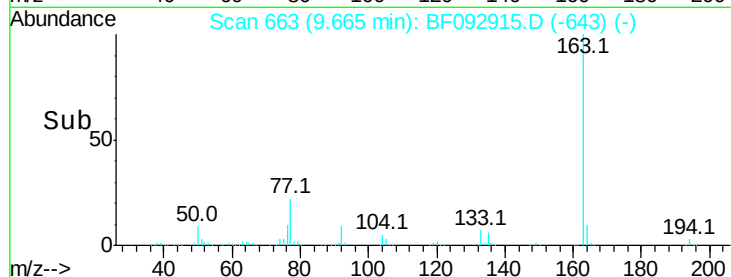
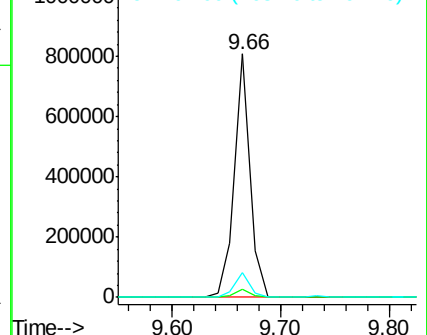
164 10.3 8.0 12.0



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: 45.20 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.06 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

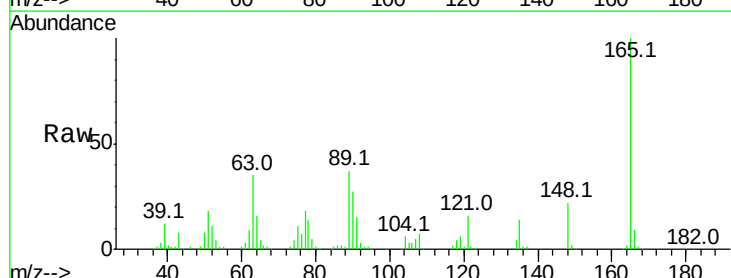
Tgt Ion:165 Resp: 209746

Ion Ratio Lower Upper

165 100

63 34.9 36.2 54.4#

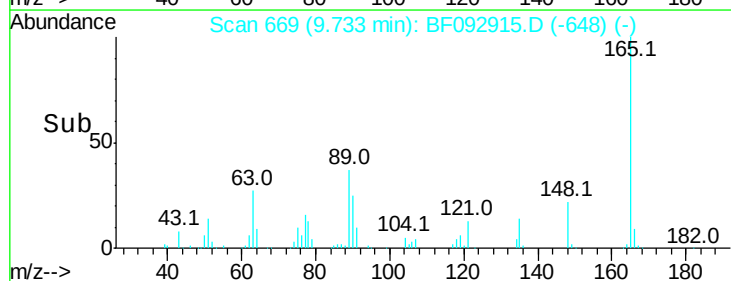
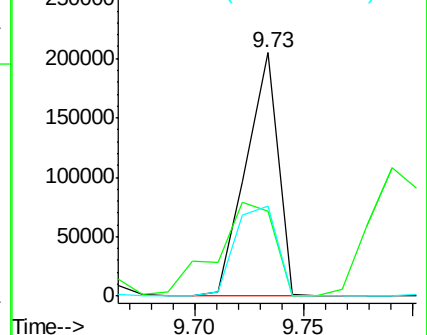
89 37.1 40.2 60.4#

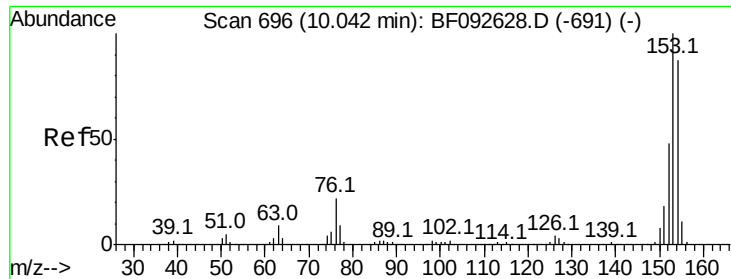


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.70 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

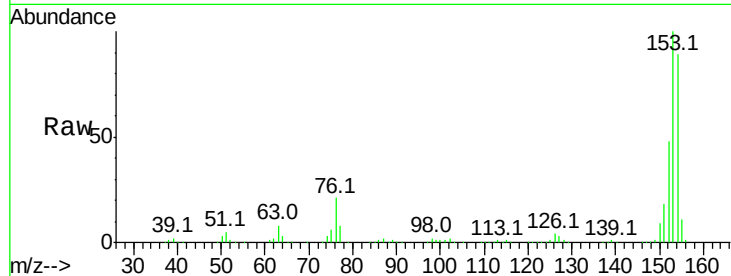
Tot Ion:154 Resp: 703607

Ion Ratio Lower Upper

154 100

153 112.8 88.6 133.0

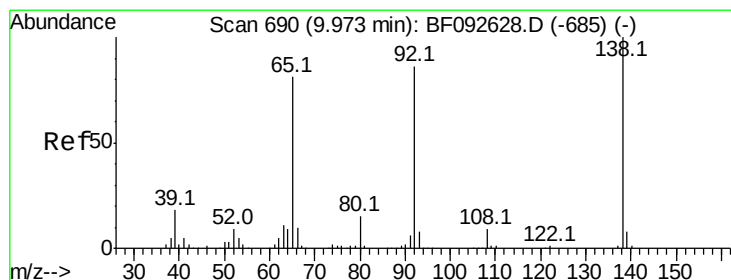
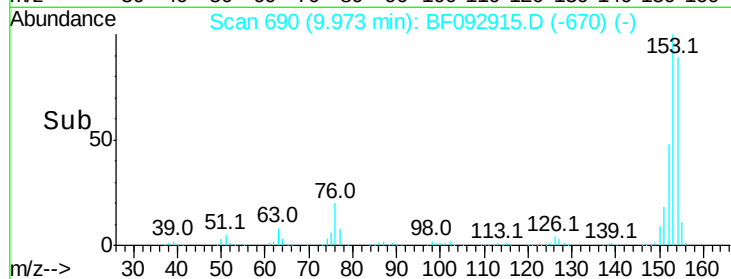
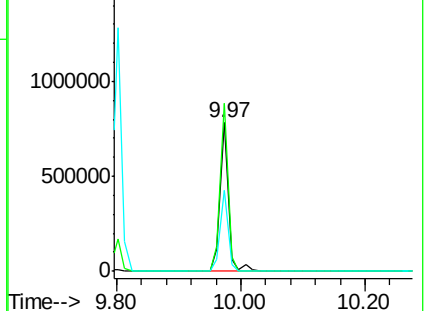
152 54.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.85 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

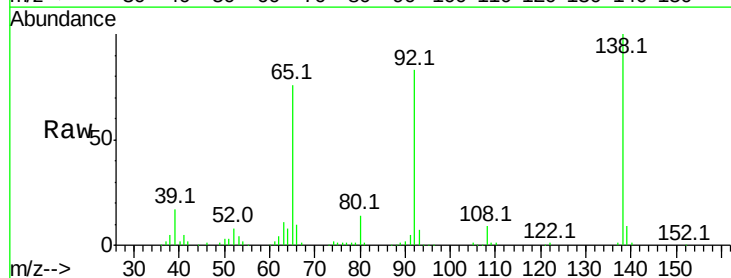
Tgt Ion:138 Resp: 211642

Ion Ratio Lower Upper

138 100

108 8.9 8.5 12.7

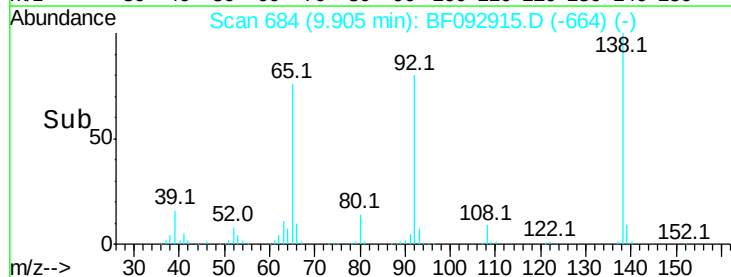
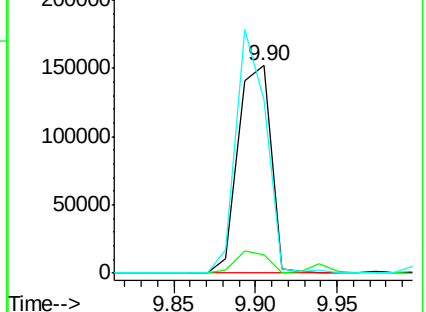
92 83.4 97.8 146.8#

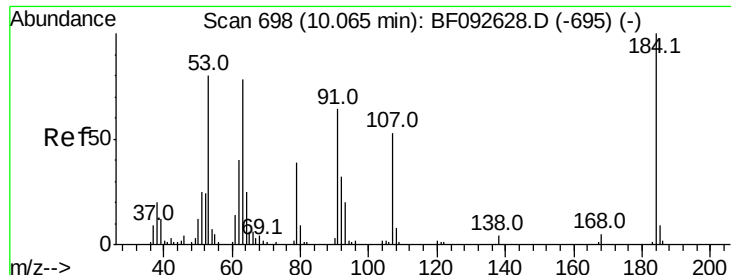


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

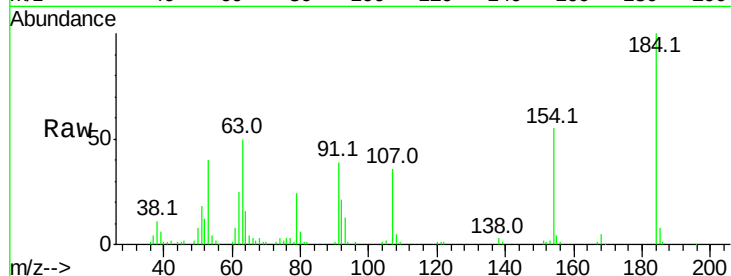




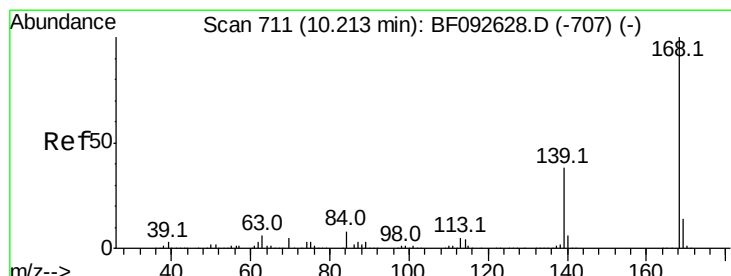
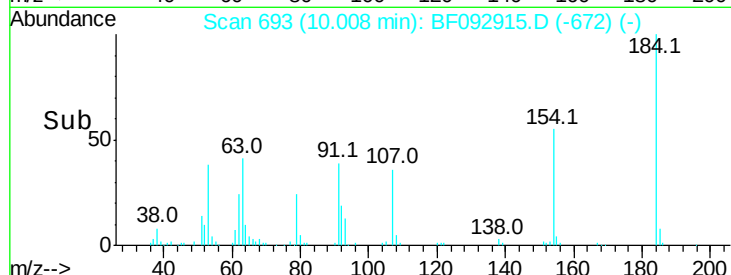
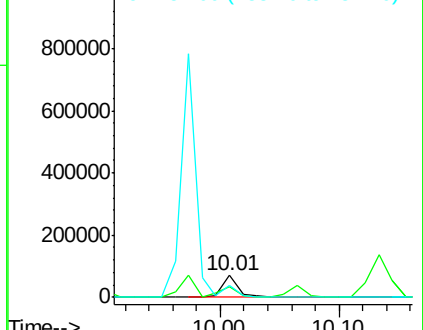
#53
2,4-Dinitrophenol
Concen: 32.25 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.06 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 69050
Ion Ratio Lower Upper
184 100
63 49.6 28.4 42.6#
154 55.2 44.3 66.5

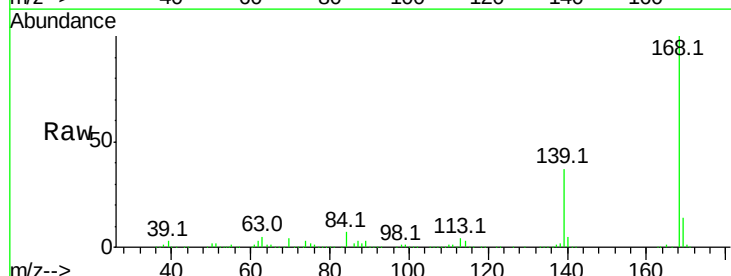


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

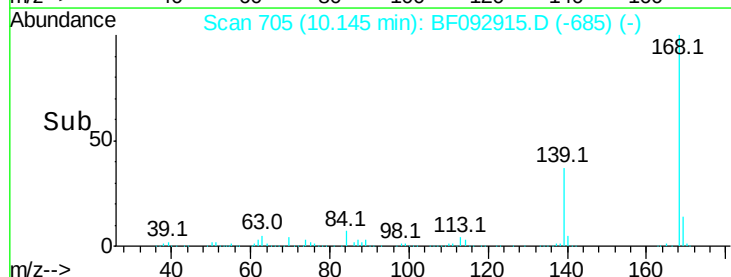
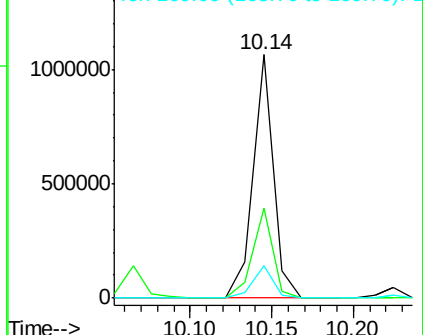


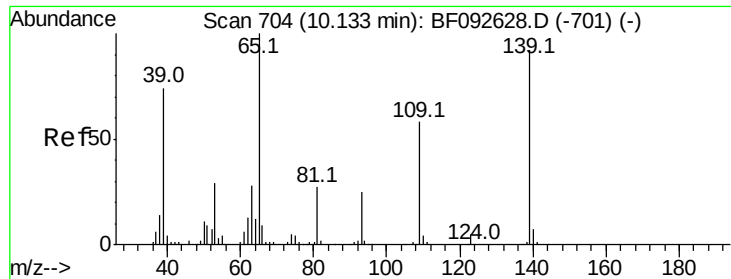
#54
Dibenzofuran
Concen: 37.00 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:168 Resp: 923792
Ion Ratio Lower Upper
168 100
139 37.0 32.6 49.0
169 13.5 11.3 16.9



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

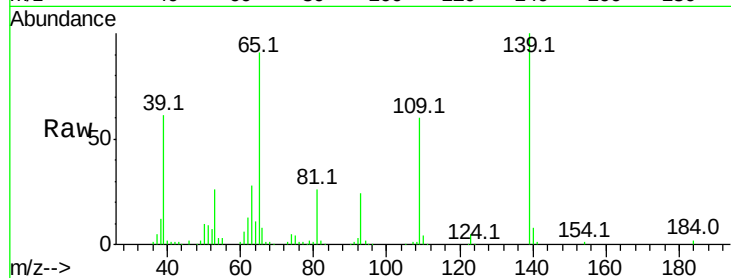




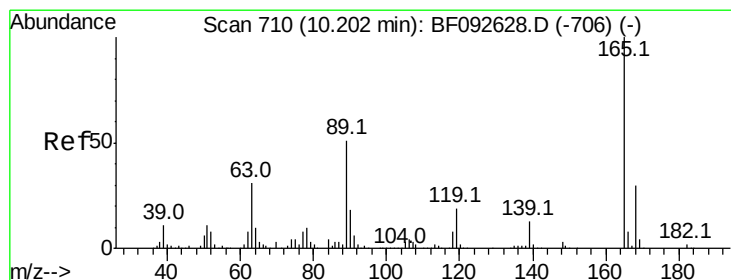
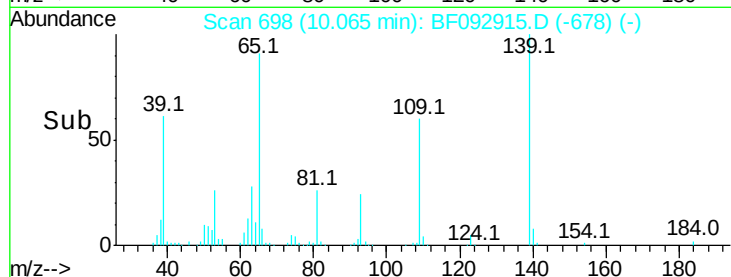
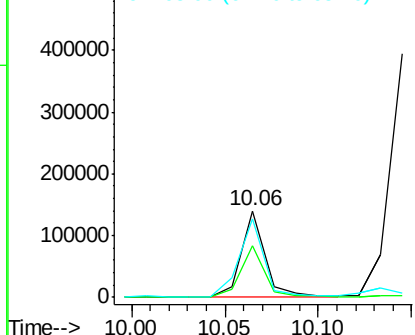
#55
4-Nitrophenol
Concen: 33.31 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 127424
Ion Ratio Lower Upper
139 100
109 59.6 52.2 92.2
65 91.3 85.8 125.8

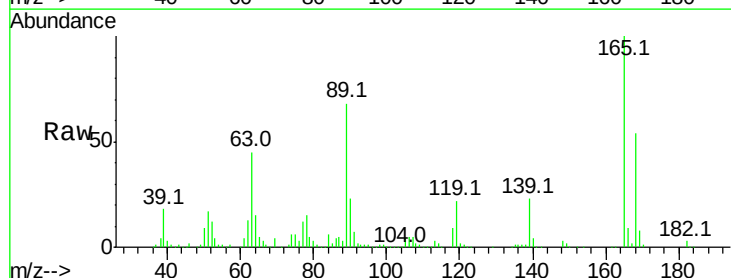


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

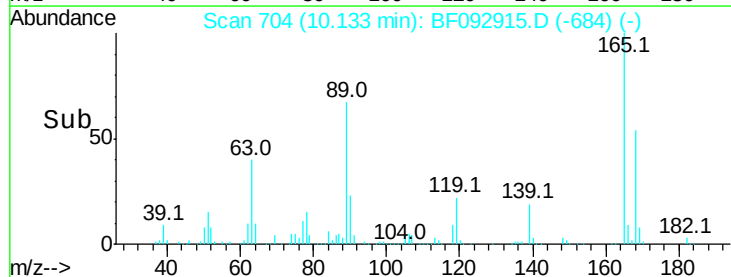
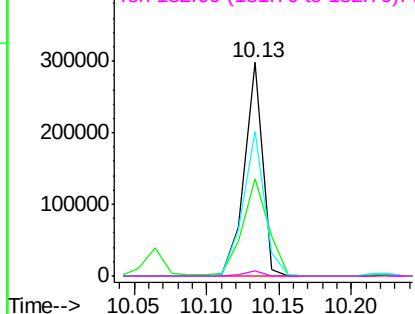


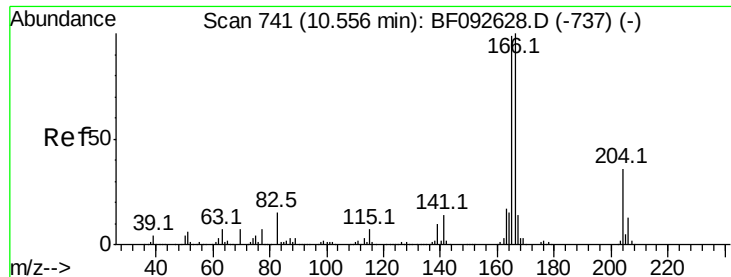
#56
2,4-Dinitrotoluene
Concen: 41.91 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:165 Resp: 258941
Ion Ratio Lower Upper
165 100
63 45.4 40.2 60.4
89 67.7 62.5 93.7
182 2.5 1.8 2.8



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

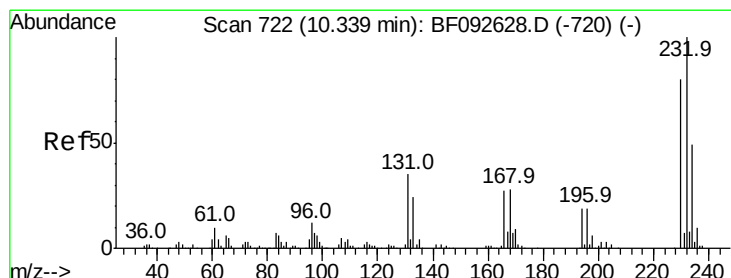
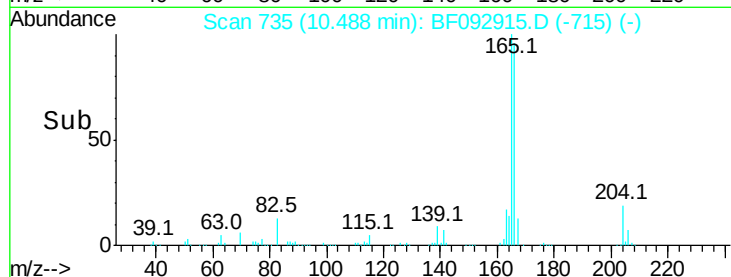
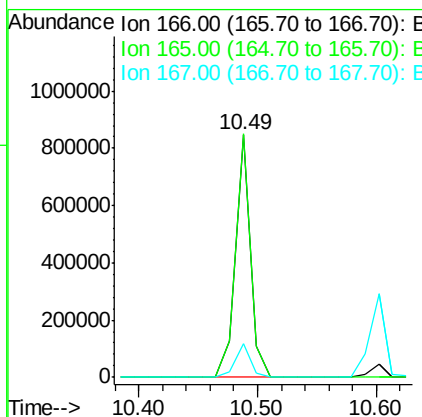
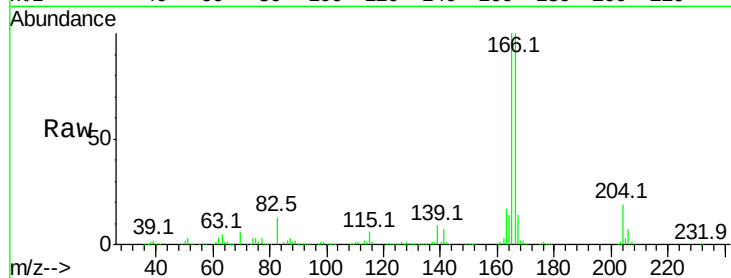




#57
 Fluorene
 Concen: 38.84 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

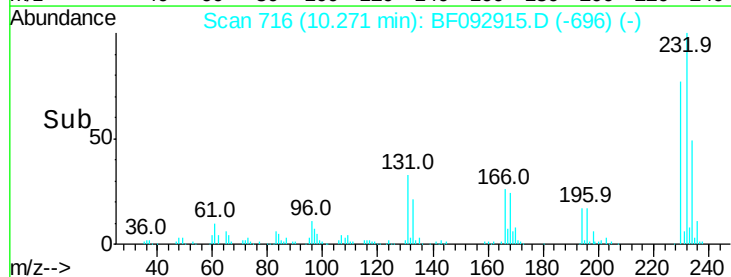
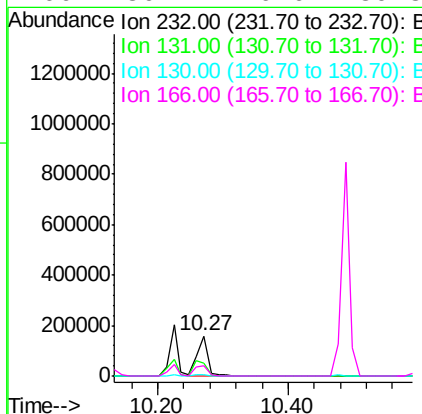
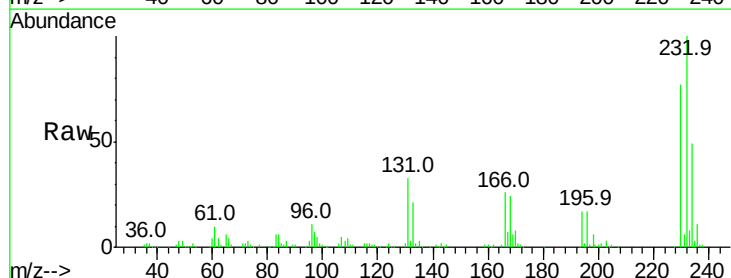
Instrument :
 BNA_F
 ClientSampleId :

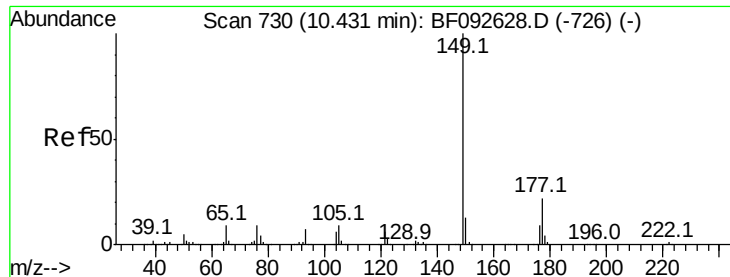
Tot Ion:166 Resp: 745975
 Ion Ratio Lower Upper
 166 100
 165 100.4 77.8 116.8
 167 13.8 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.96 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:232 Resp: 180496
 Ion Ratio Lower Upper
 232 100
 131 45.2 40.1 60.1
 130 2.1 1.8 2.8
 166 30.4 26.6 39.8

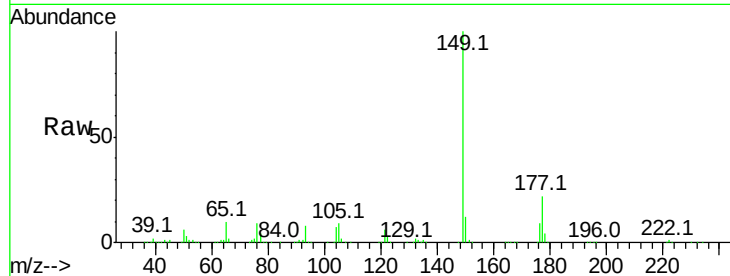




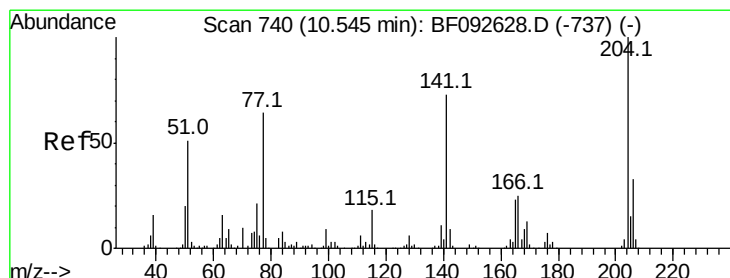
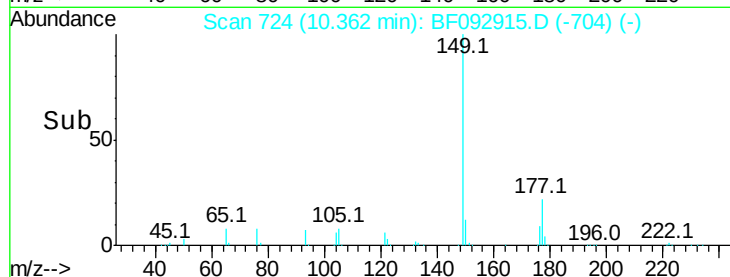
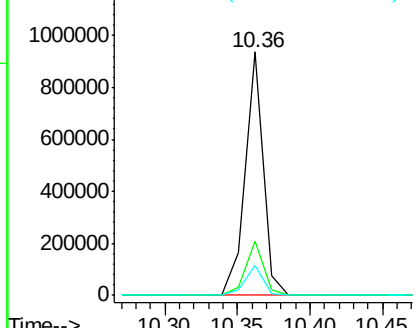
#59
Diethylphthalate
Concen: 40.01 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 810341
Ion Ratio Lower Upper
149 100
177 22.0 16.6 25.0
150 12.4 10.4 15.6

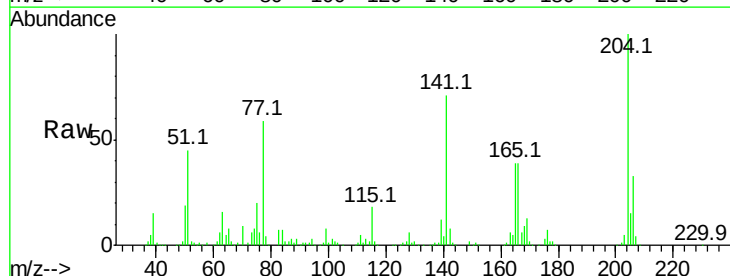


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

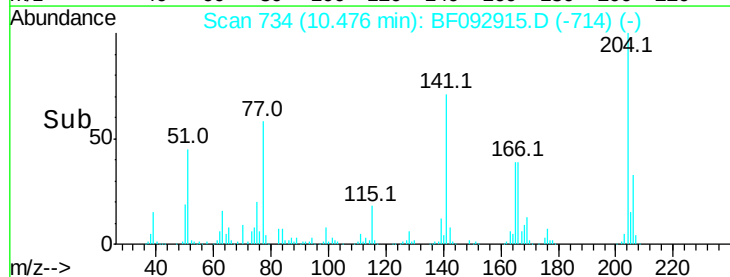
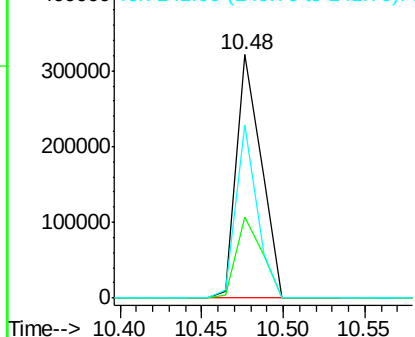


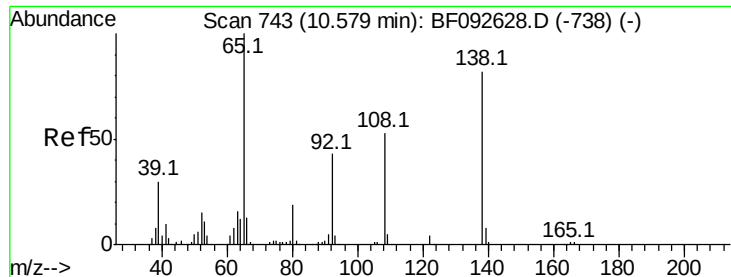
#60
4-Chlorophenyl-phenylether
Concen: 36.49 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:204 Resp: 336712
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 71.3 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

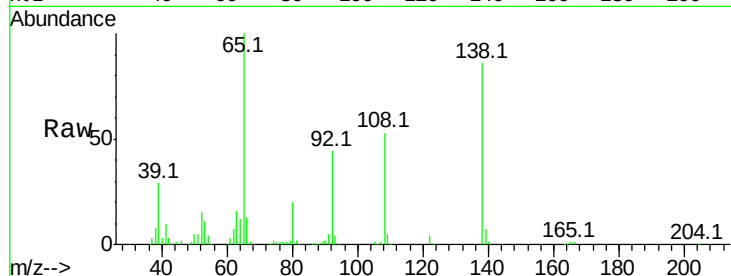




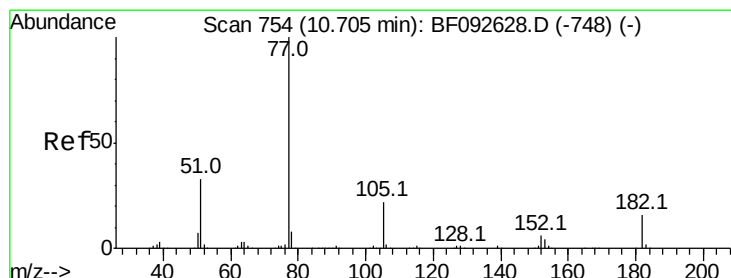
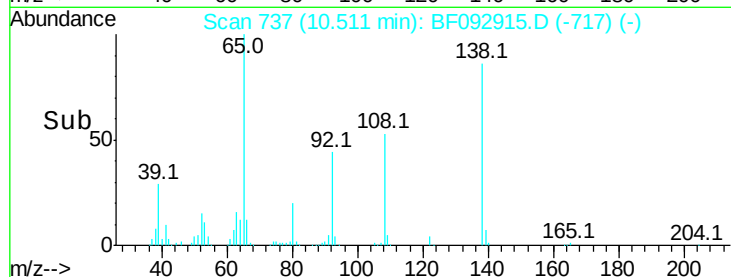
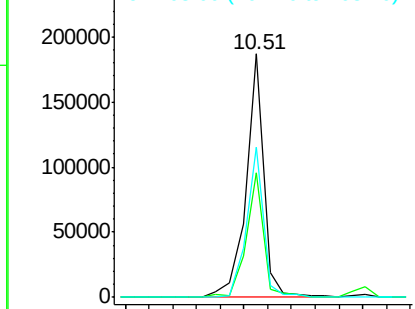
#61
4-Nitroaniline
Concen: 35.92 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 195423
Ion Ratio Lower Upper
138 100
92 51.1 31.7 71.7
108 61.8 52.6 92.6

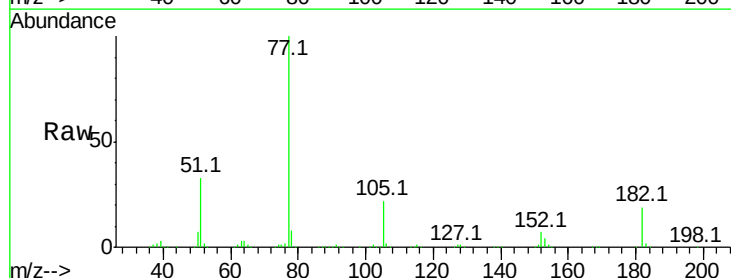


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

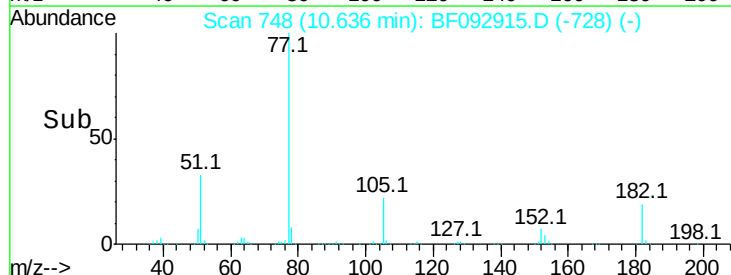
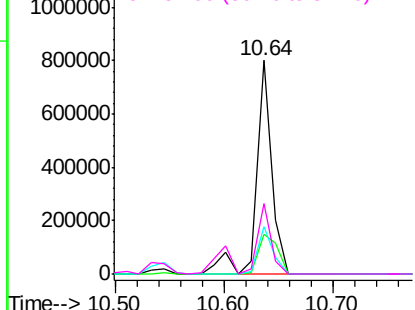


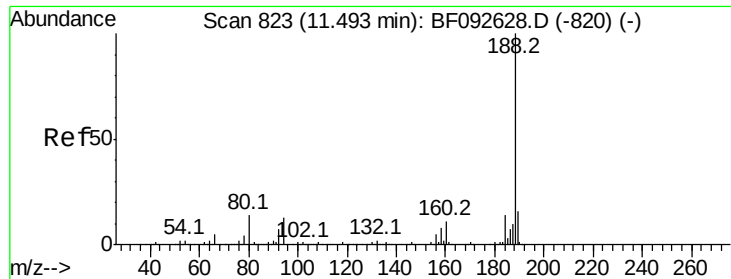
#62
Azobenzene
Concen: 38.39 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion: 77 Resp: 803227
Ion Ratio Lower Upper
77 100
182 18.8 0.0 39.3
105 22.3 2.3 42.3
51 32.7 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

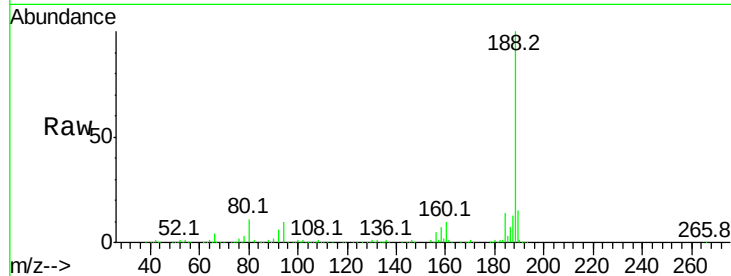




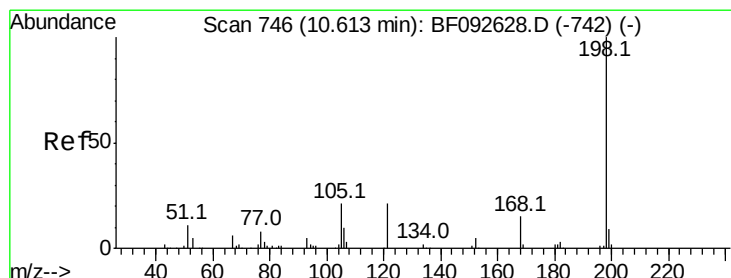
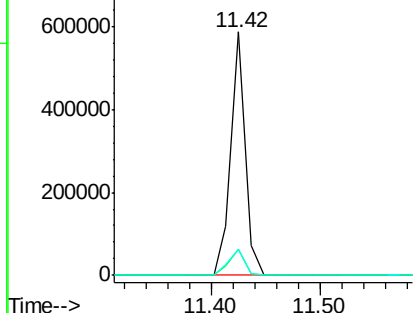
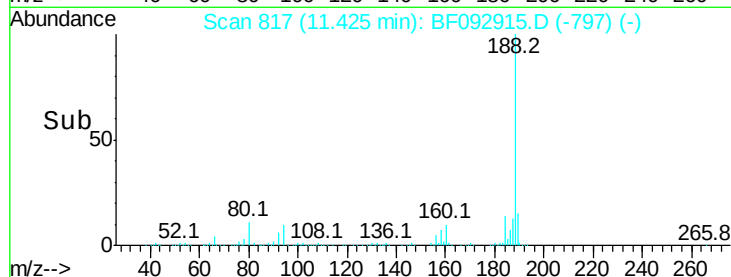
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 537625
Ion Ratio Lower Upper
188 100
94 10.4 10.0 15.0
80 10.7 11.2 16.8#

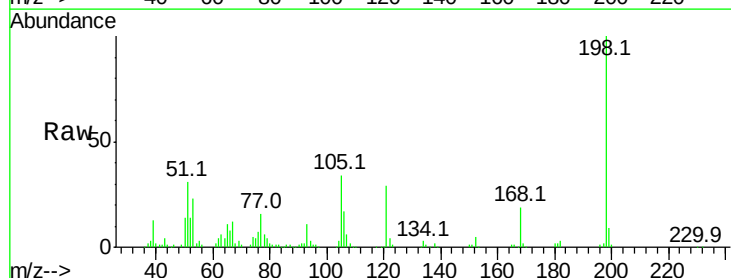


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

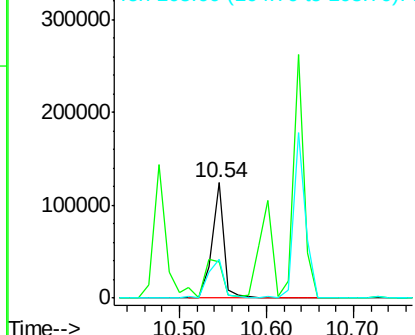
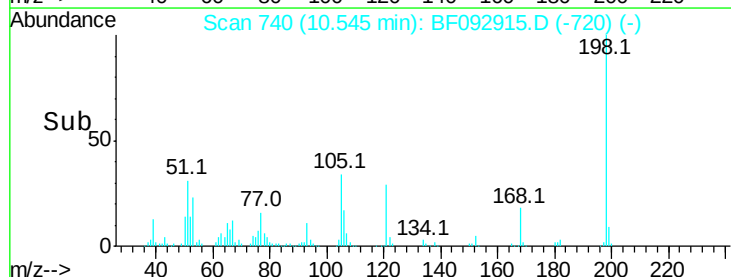


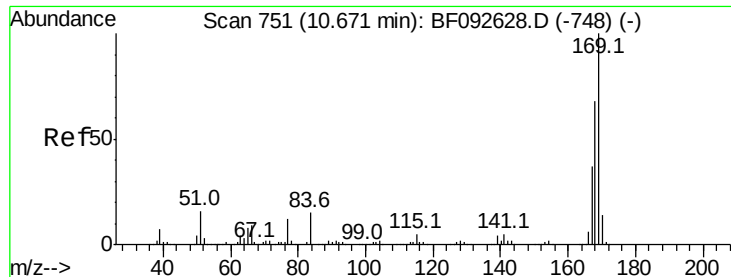
#64
4,6-Dinitro-2-methylphenol
Concen: 37.36 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:198 Resp: 120206
Ion Ratio Lower Upper
198 100
51 31.3 6.7 46.7
105 34.2 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.07 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

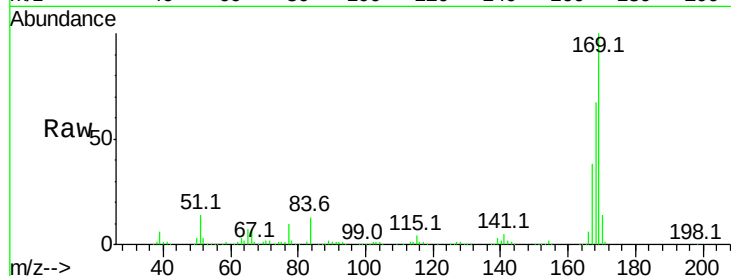
Tot Ion:169 Resp: 705341

Ion Ratio Lower Upper

169 100

168 66.8 54.2 81.2

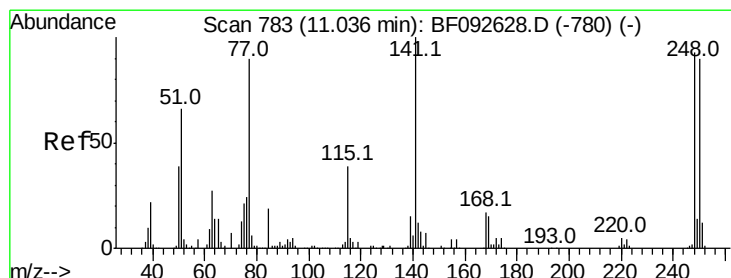
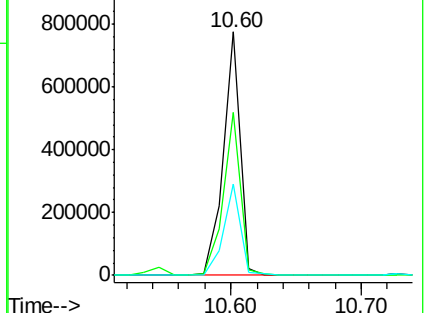
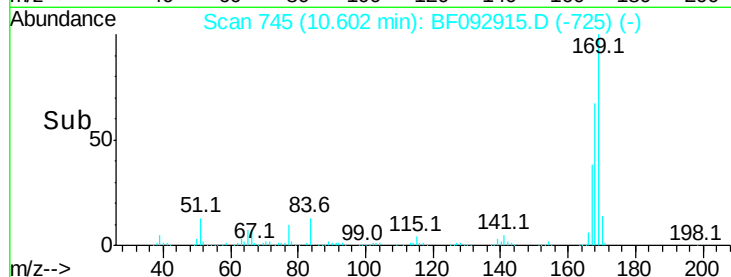
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.54 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

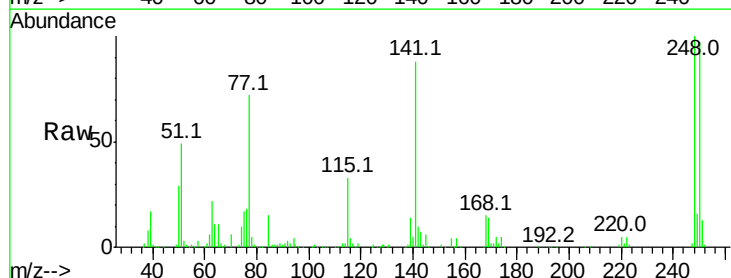
Tgt Ion:248 Resp: 210843

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

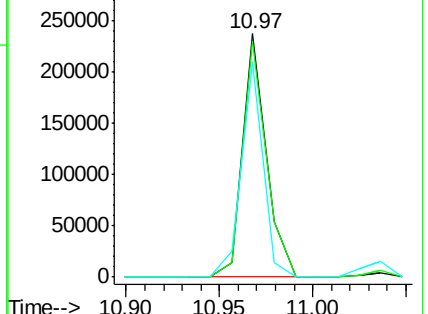
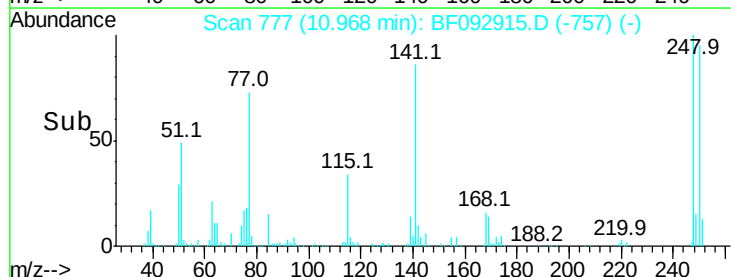
141 88.3 68.2 102.4

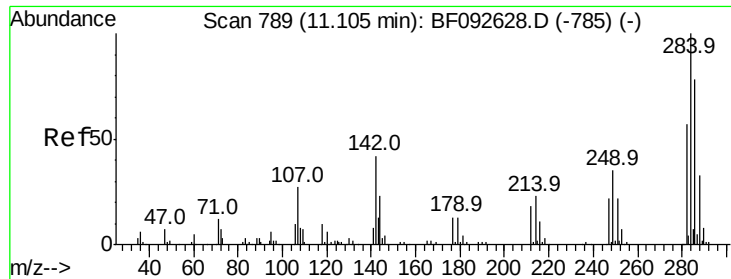


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.16 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

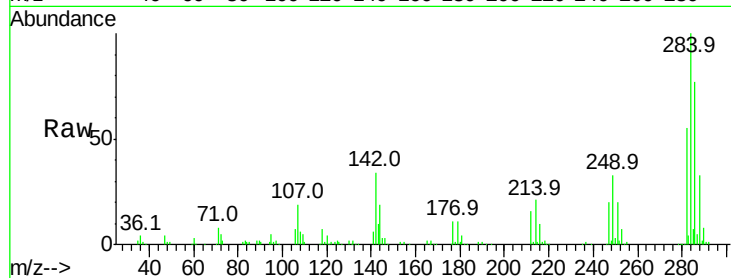
Tot Ion:284 Resp: 217343

Ion Ratio Lower Upper

284 100

142 33.9 22.6 33.8#

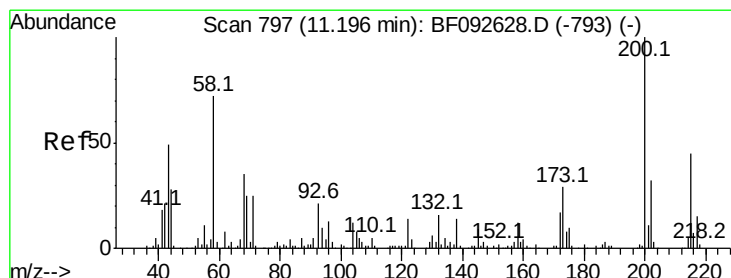
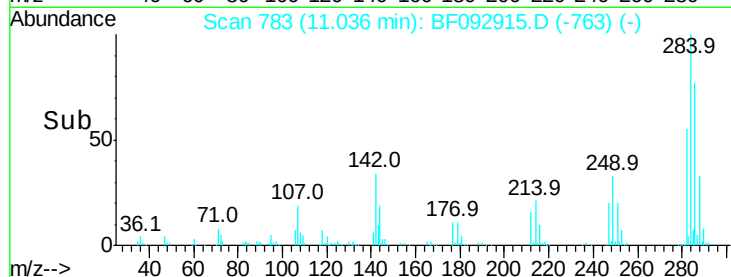
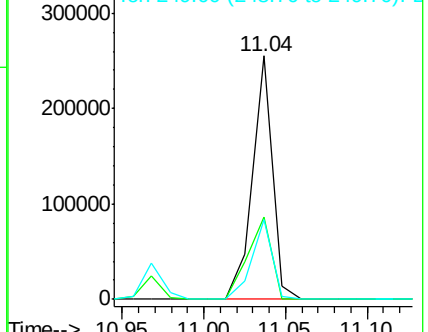
249 32.7 25.4 38.0



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: 39.08 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

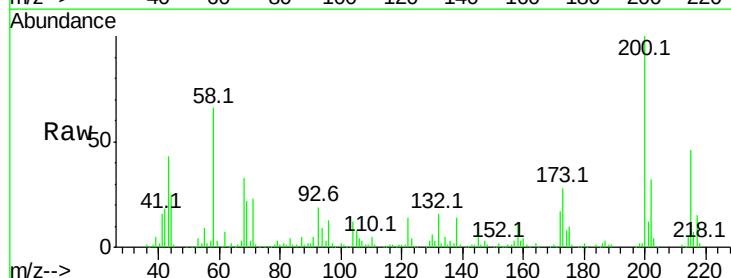
Tgt Ion:200 Resp: 215415

Ion Ratio Lower Upper

200 100

173 28.3 9.6 49.6

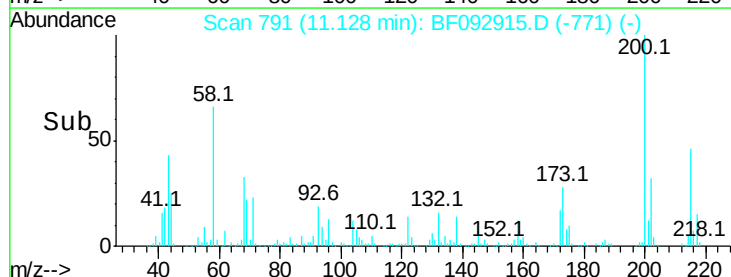
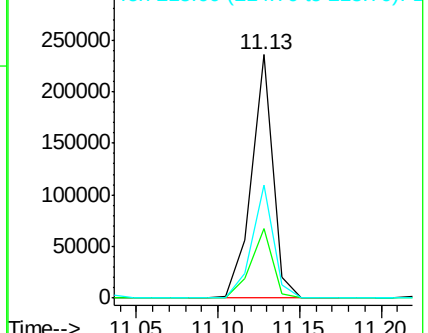
215 46.4 25.7 65.7

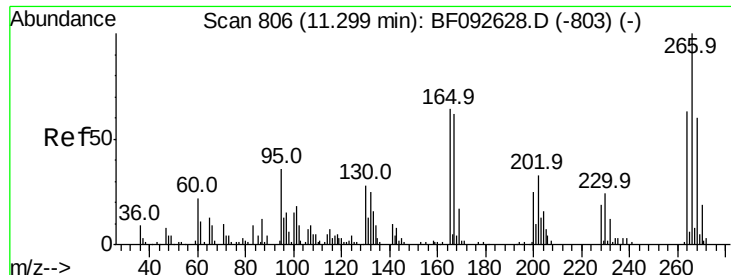


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

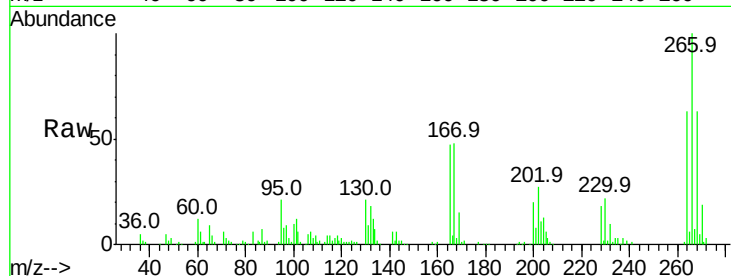




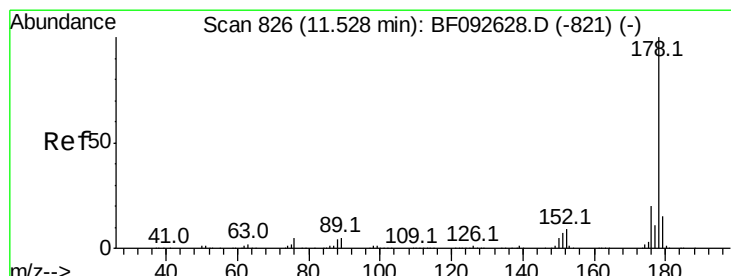
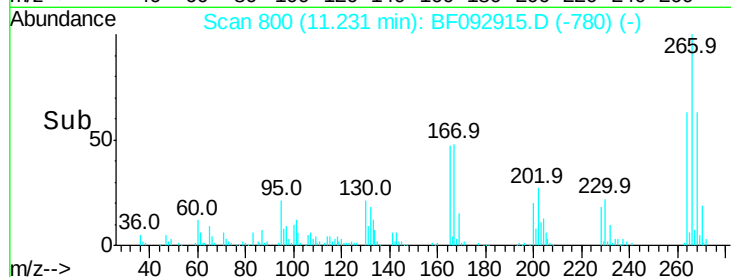
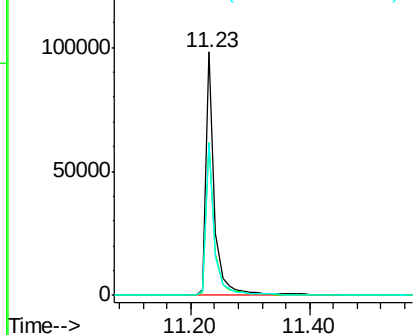
#69
 Pentachlorophenol
 Concen: 39.46 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	53.3	79.9
264	63.0	50.3	75.5

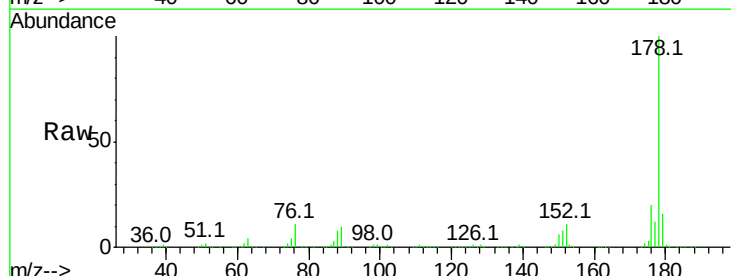


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

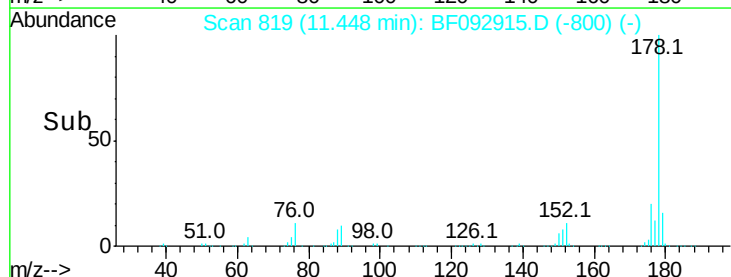
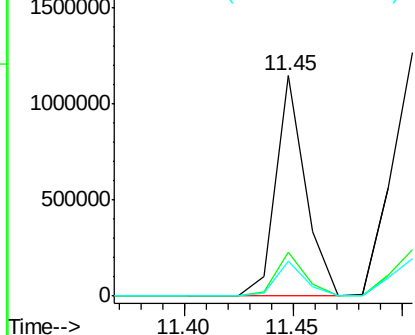


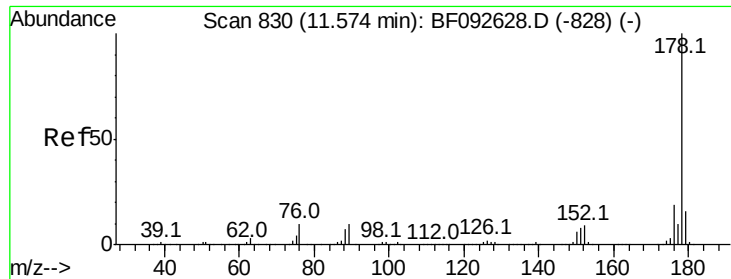
#70
 Phenanthrene
 Concen: 35.36 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.08 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.7	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: 41.44 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

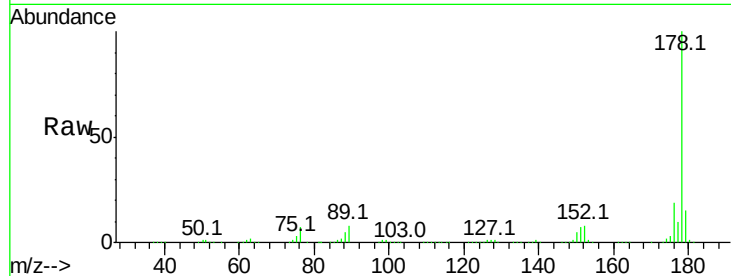
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1281785

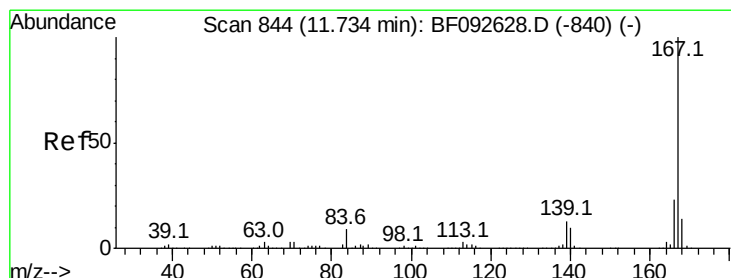
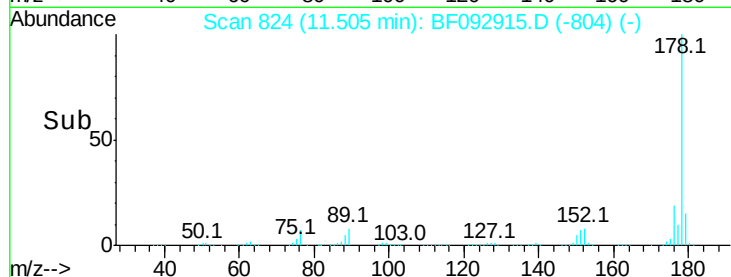
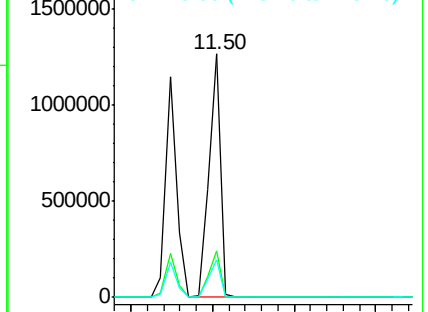
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.3	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.47 ng

RT: 11.65 min Scan# 837

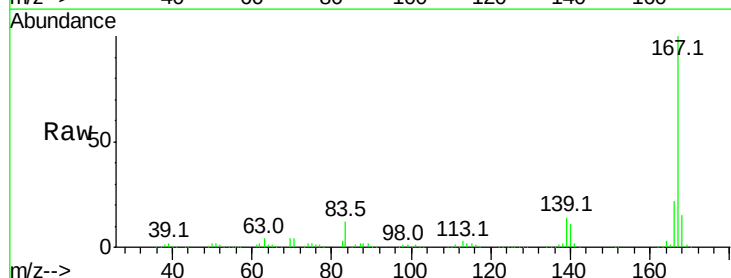
Delta R.T. -0.08 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Tgt Ion:167 Resp: 1137444

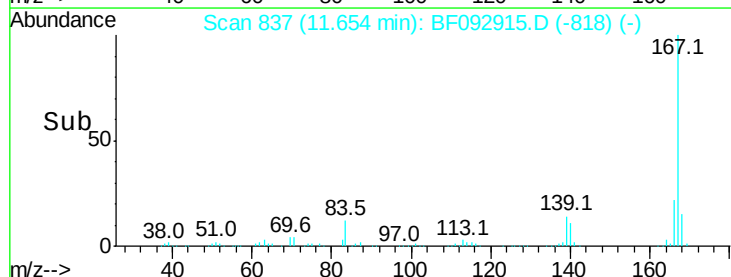
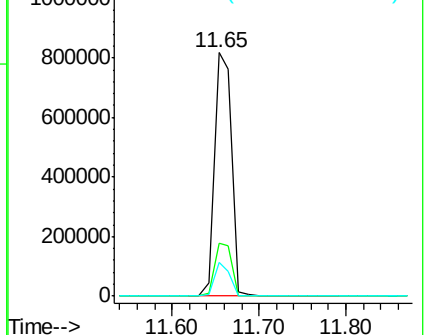
Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	13.9	11.4	17.2

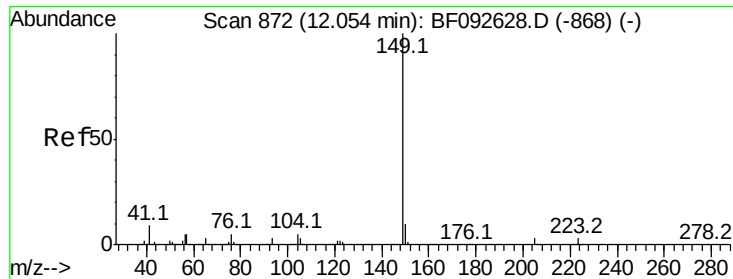


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.82 ng

RT: 11.99 min Scan# 866

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

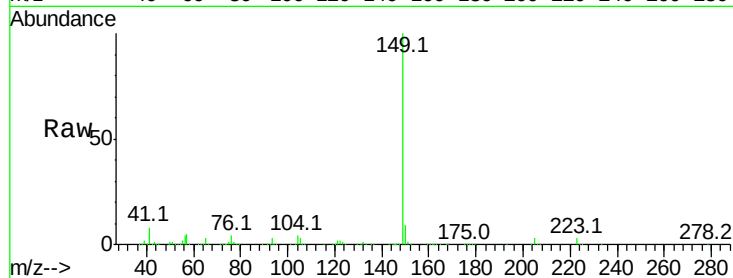
Tot Ion:149 Resp: 1305320

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

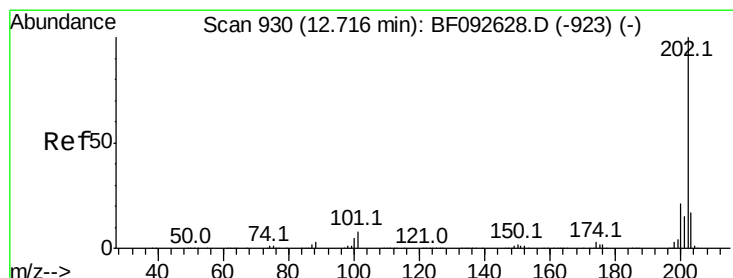
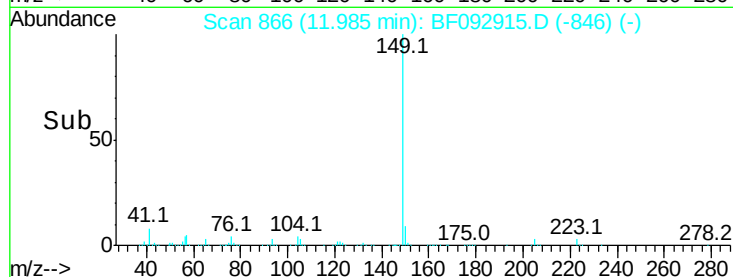
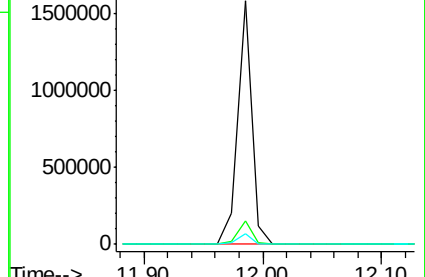
104 4.3 4.6 7.0#



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: 36.29 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

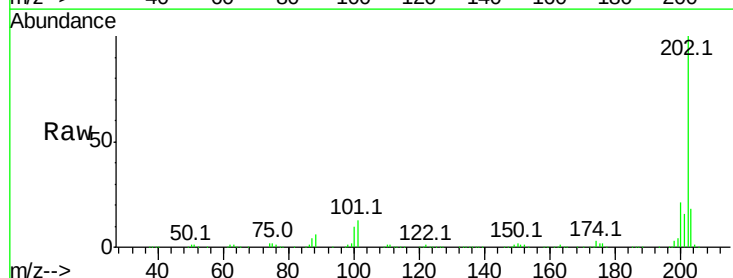
Tgt Ion:202 Resp: 1153095

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

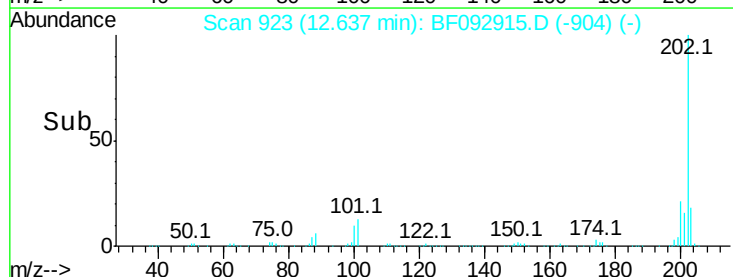
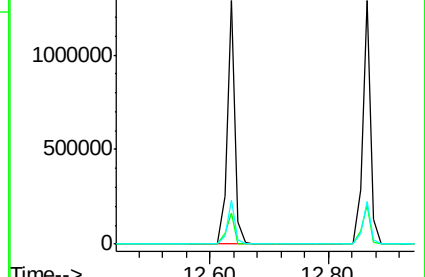
203 17.9 0.0 38.7

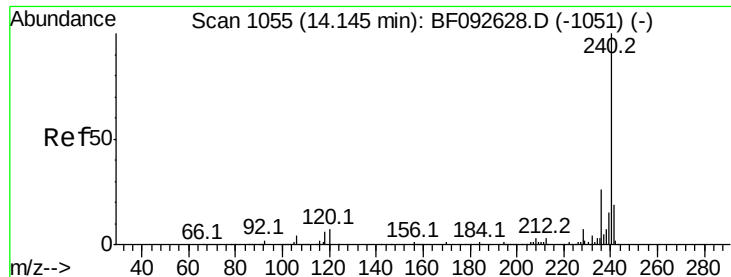


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

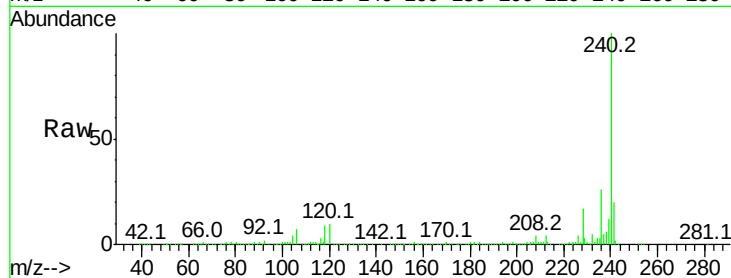
Tot Ion:240 Resp: 437632

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

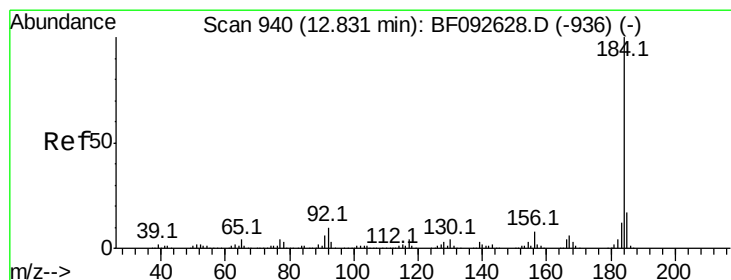
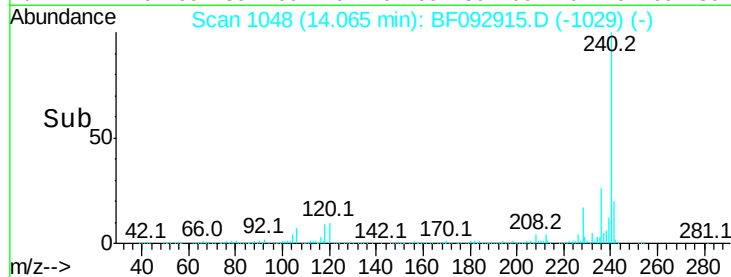
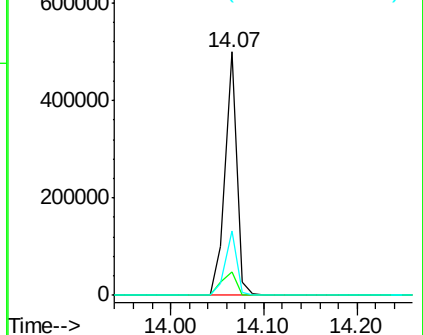
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.07 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

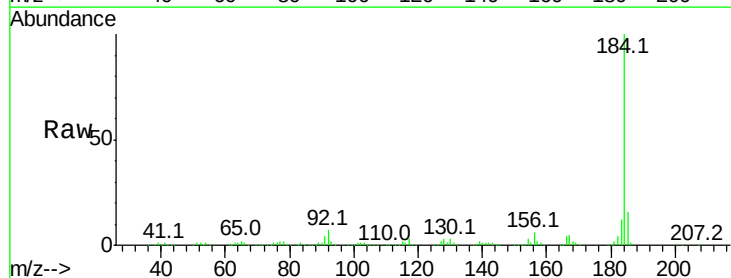
Tgt Ion:184 Resp: 504885

Ion Ratio Lower Upper

184 100

185 16.0 13.4 20.0

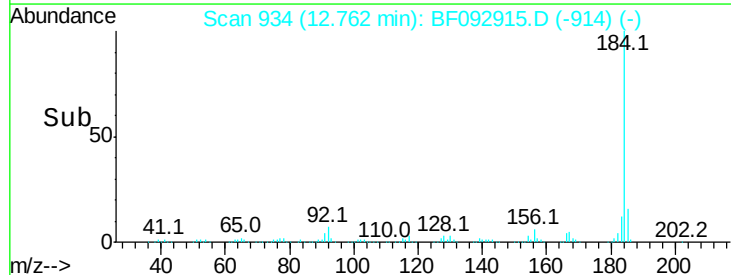
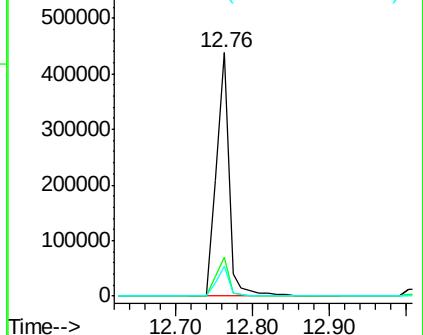
183 12.2 9.2 13.8

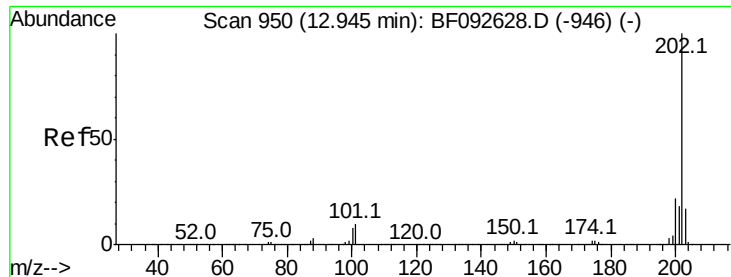


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

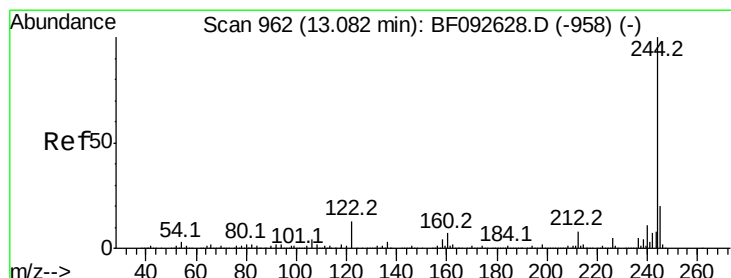
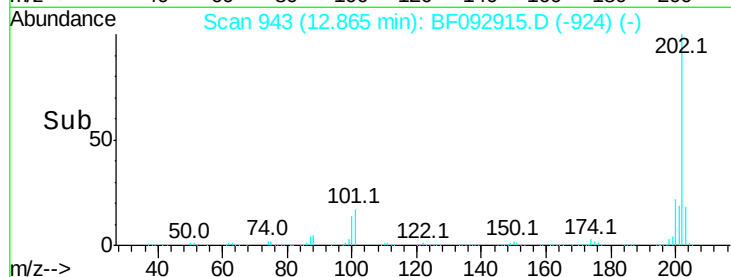
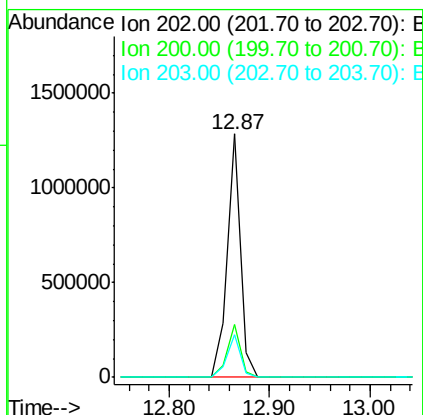
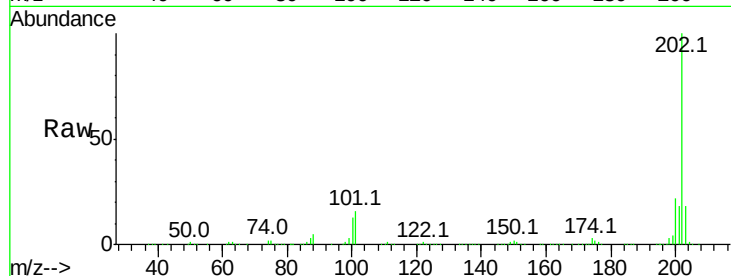




#77
Pvrene
Concen: 36.00 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.08 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

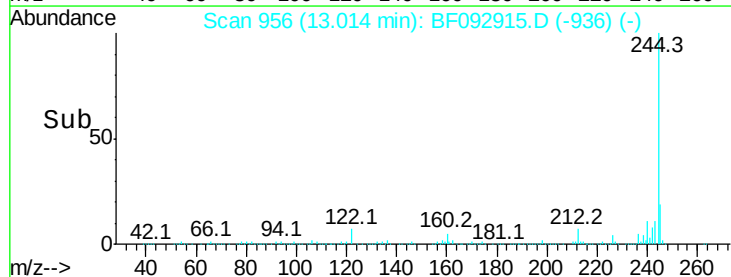
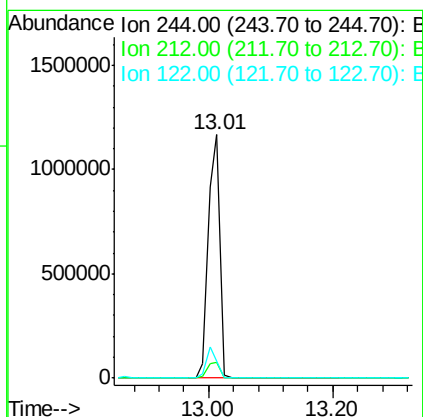
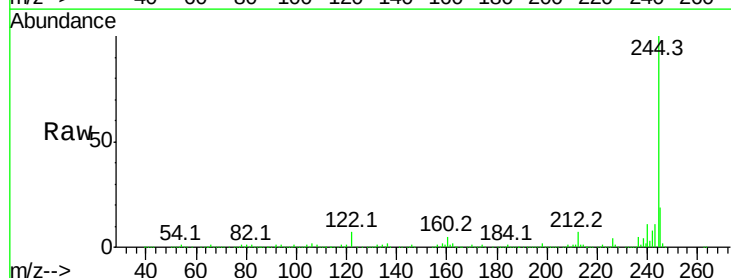
Instrument :
BNA_F
ClientSampleId :

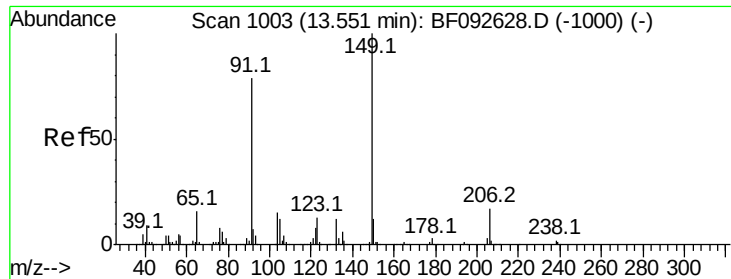
Tot Ion:202 Resp: 1179035
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.5 14.7 22.1



#78
Terphenyl-d14
Concen: 80.22 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:244 Resp: 1494107
Ion Ratio Lower Upper
244 100
212 6.5 6.2 9.2
122 7.2 11.4 17.2#





#79

Butylbenzylphthalate

Concen: 42.39 ng

RT: 13.48 min Scan# 997

Delta R.T. -0.07 min

Lab File: BF092915.D

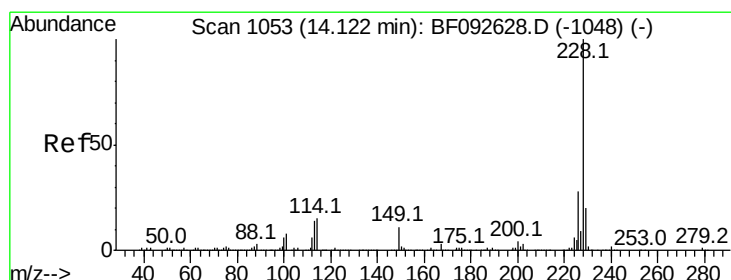
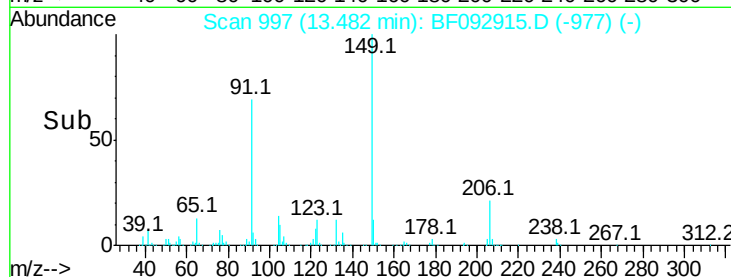
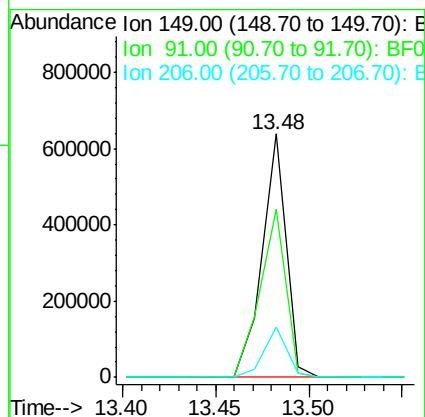
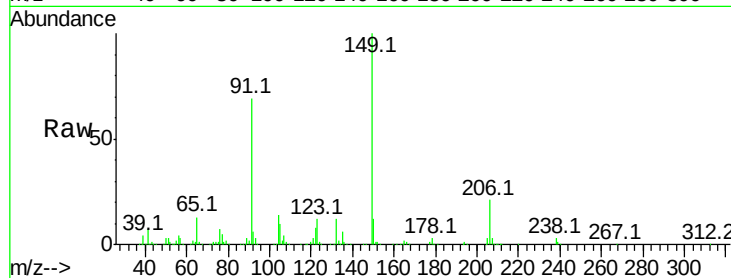
Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampled :

Tot Ion:	149	Resp:	563757
Ion	Ratio	Lower	Upper
149	100		
91	68.8	63.9	95.9
206	20.5	14.6	21.8



#80

Benzo(a)anthracene

Concen: 35.63 ng

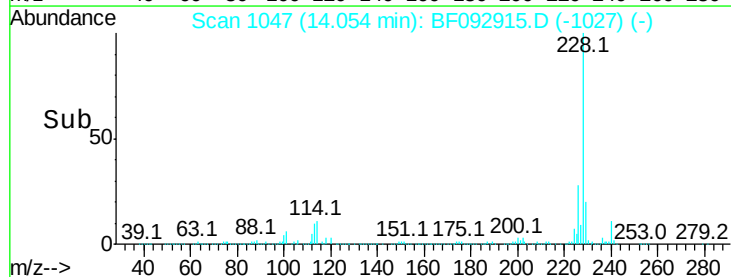
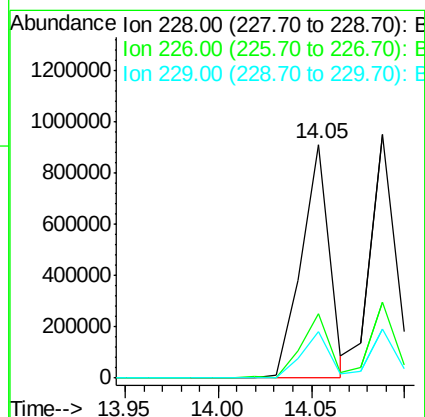
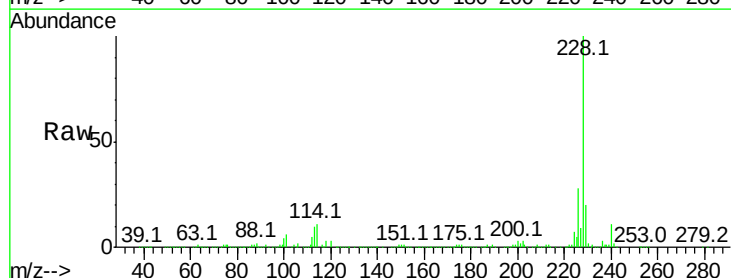
RT: 14.05 min Scan# 1047

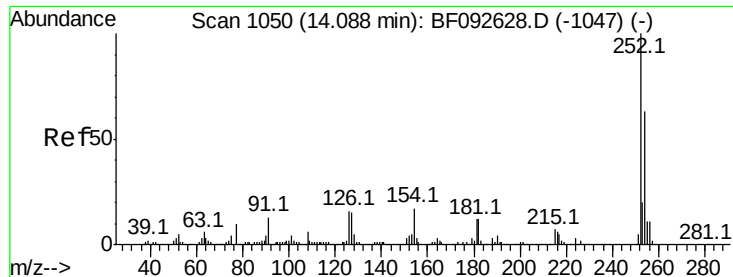
Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Tgt Ion:	228	Resp:	953553
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	19.9	16.2	24.4

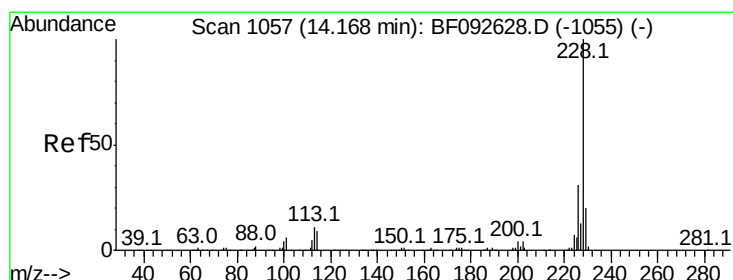
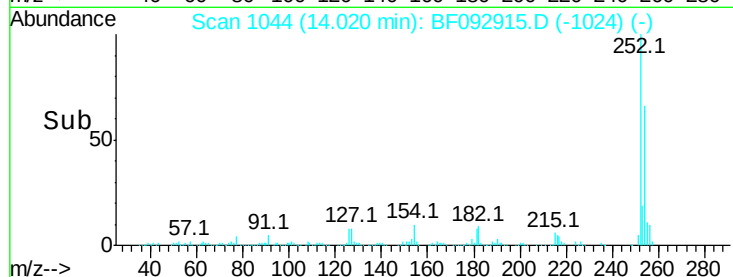
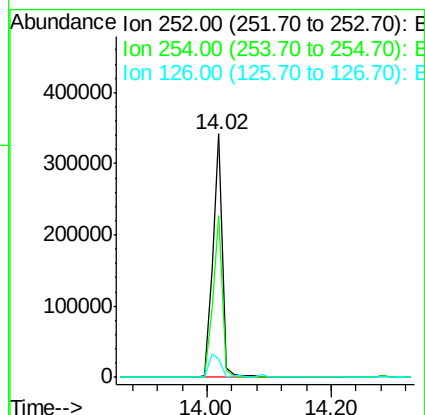
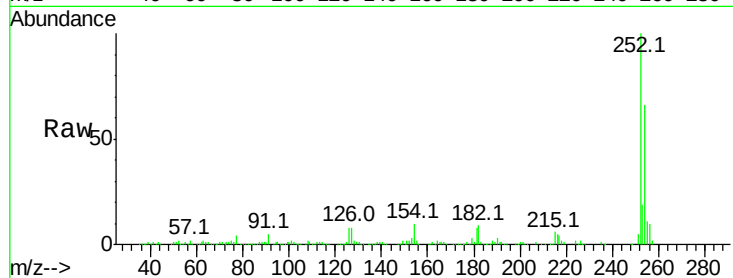




#81
 3,3'-Dichlorobenzidine
 Concen: 37.77 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.07 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

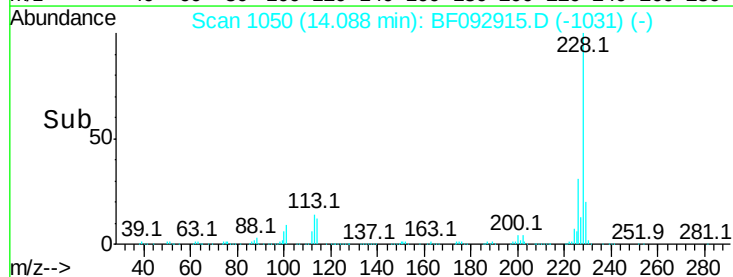
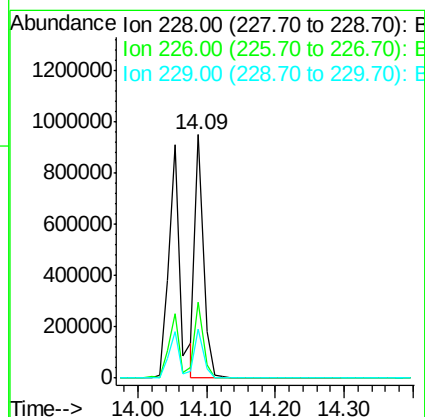
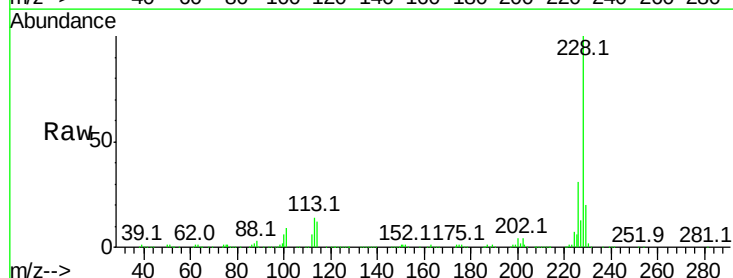
Instrument :
 BNA_F
 ClientSampled :

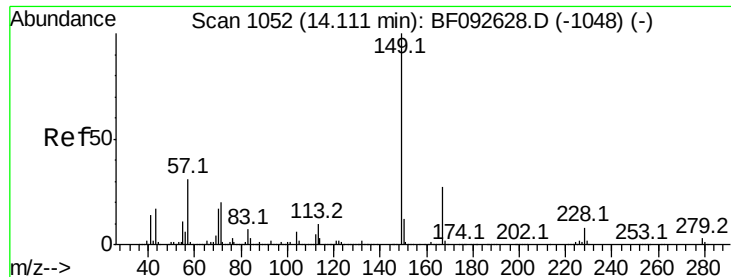
Tot Ion:252 Resp: 360412
 Ion Ratio Lower Upper
 252 100
 254 66.3 52.3 78.5
 126 7.6 13.6 20.4#



#82
 Chrysene
 Concen: 31.82 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.08 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion:228 Resp: 797365
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.0
 229 20.4 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.42 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.07 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

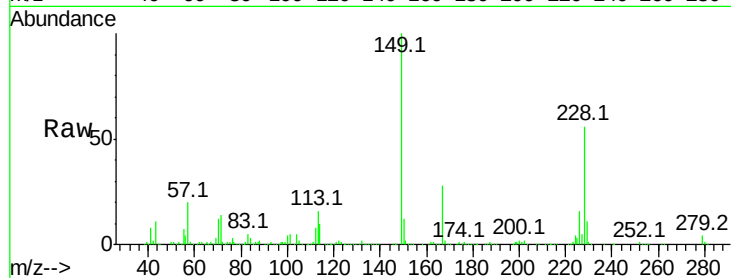
Tot Ion:149 Resp: 807899

Ion Ratio Lower Upper

149 100

167 27.6 20.2 30.4

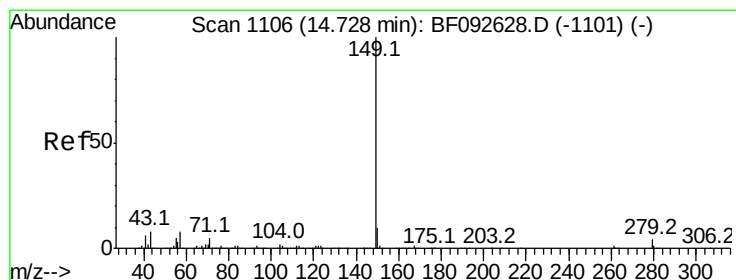
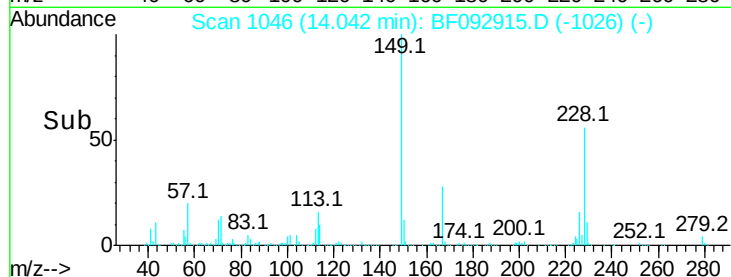
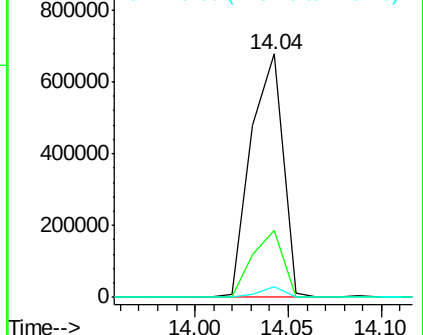
279 4.3 1.8 2.8#



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: 44.51 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.08 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

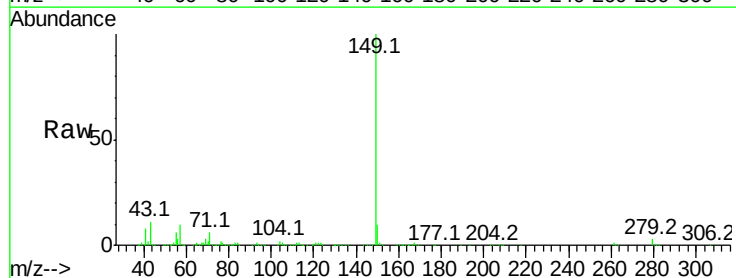
Tgt Ion:149 Resp: 1318262

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

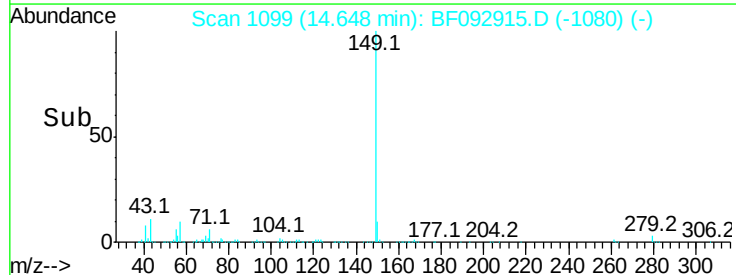
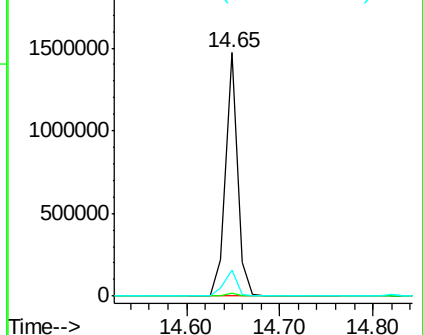
43 11.5 8.9 13.3

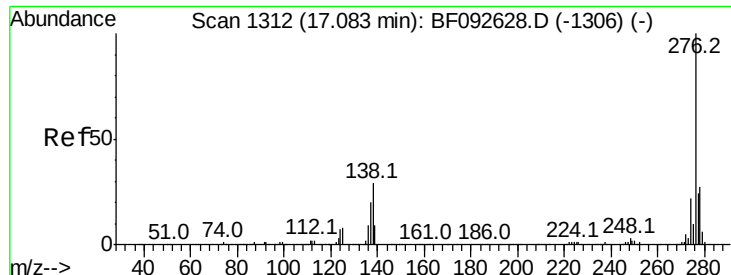


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

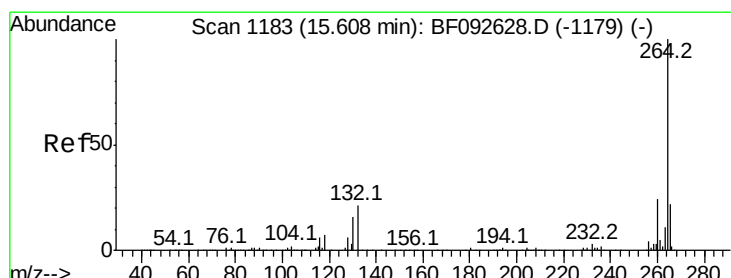
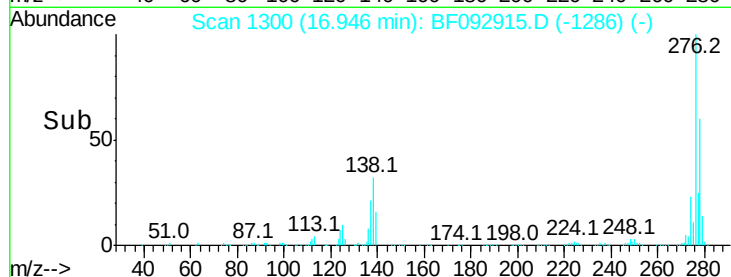
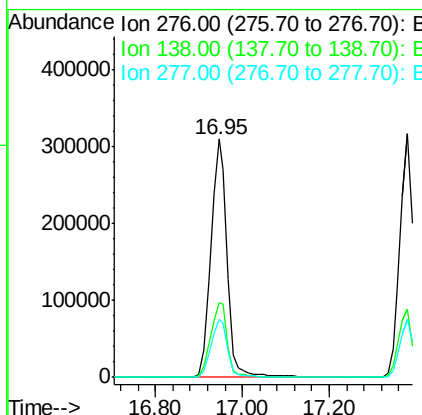
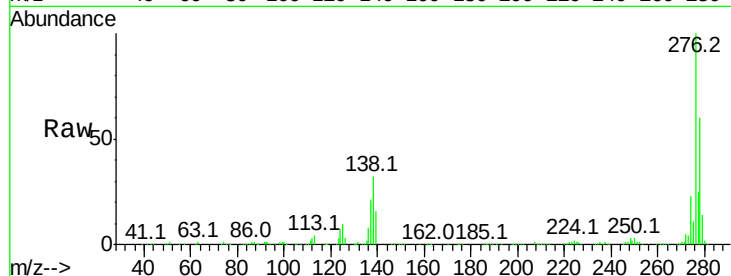




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.32 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. -0.14 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

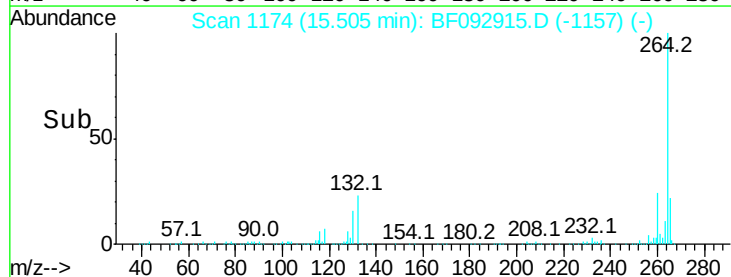
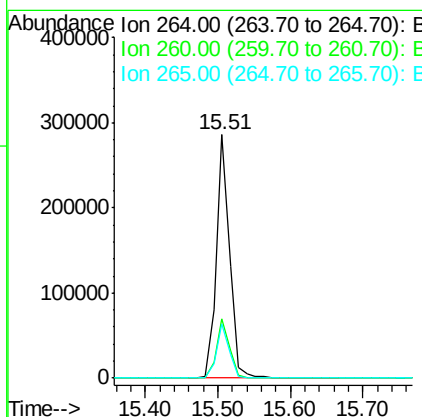
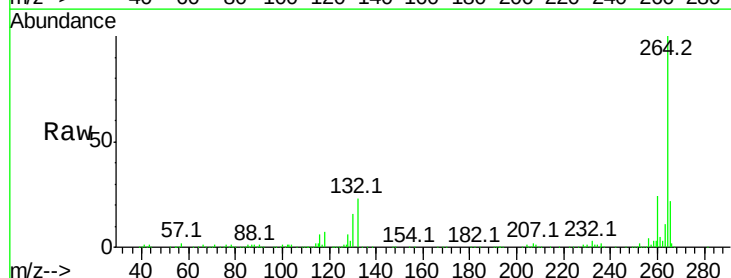
Instrument :
 BNA_F
 ClientSampleId :

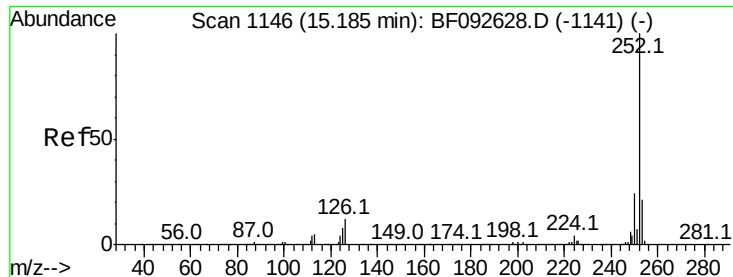
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	21.8	32.6#
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.10 min
 Lab File: BF092915.D
 Acq: 13 Feb 2017 10:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.3	17.4	26.0

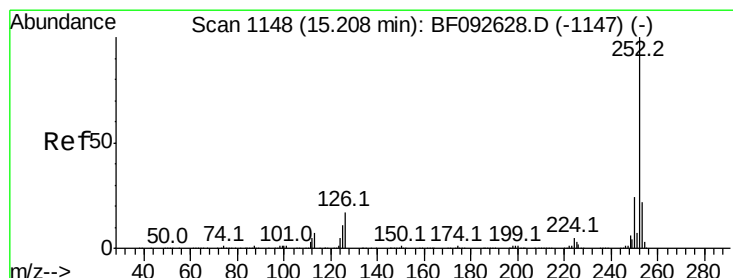
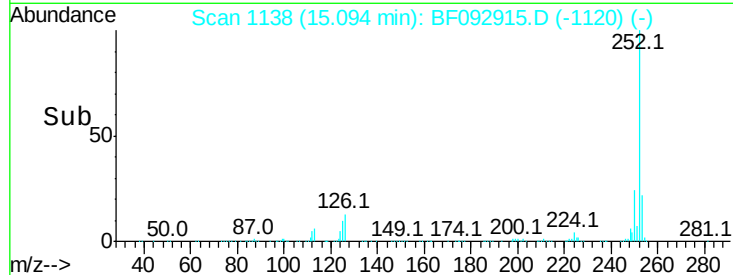
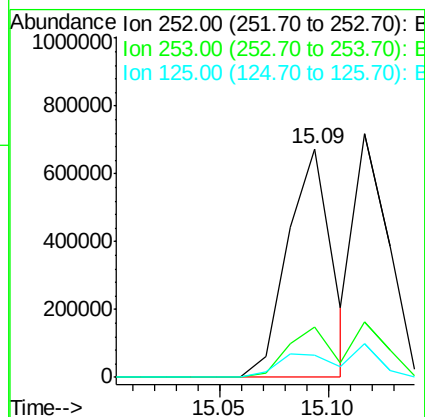
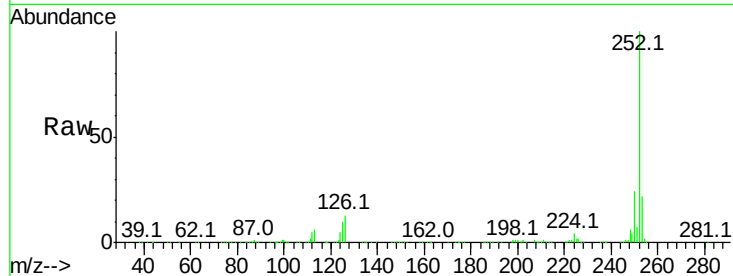




#87
Benzo(b)fluoranthene
Concen: 39.98 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

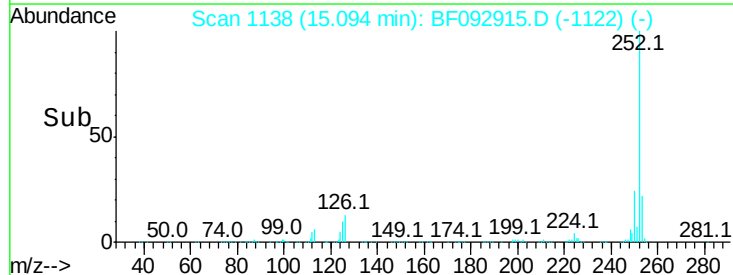
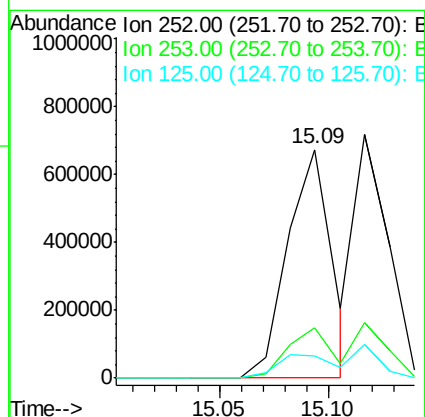
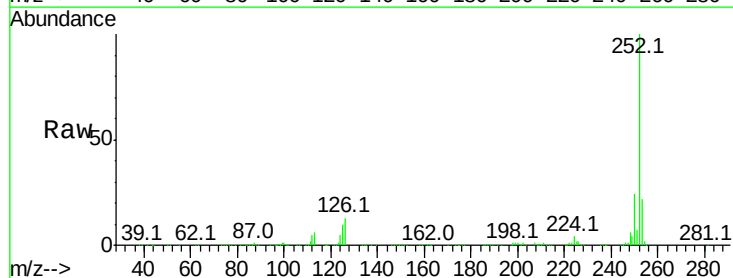
Instrument :
BNA_F
ClientSampled :

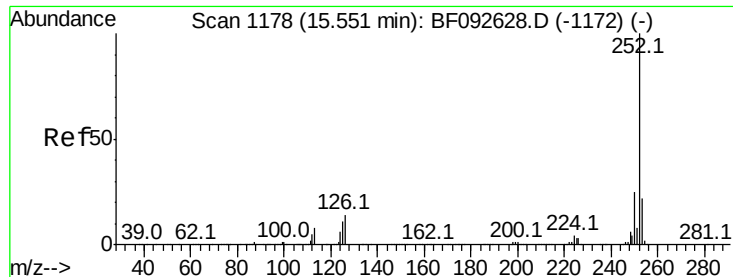
Tot Ion:252 Resp: 948167
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.7 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 46.31 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion:252 Resp: 948167
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.7 8.9 13.3

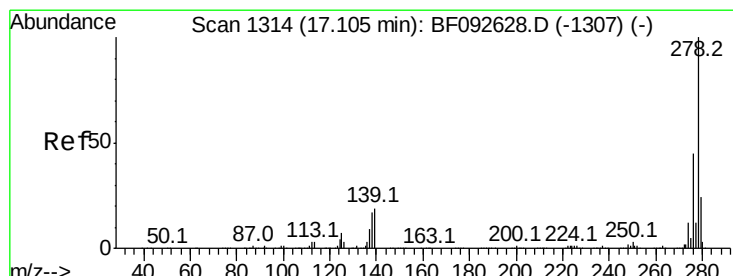
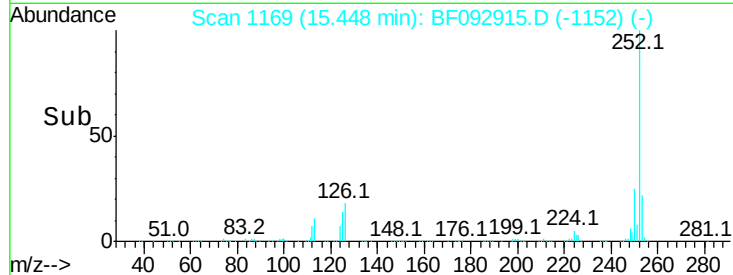
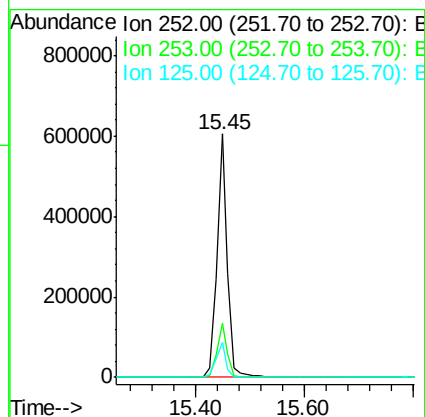
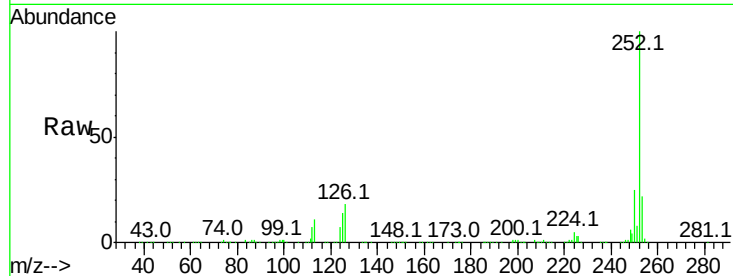




#89
Benzo(a)pyrene
Concen: 39.75 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.10 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

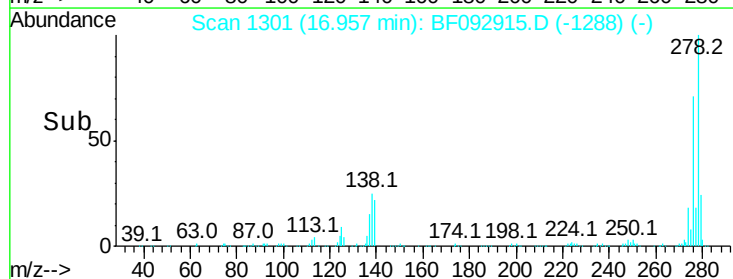
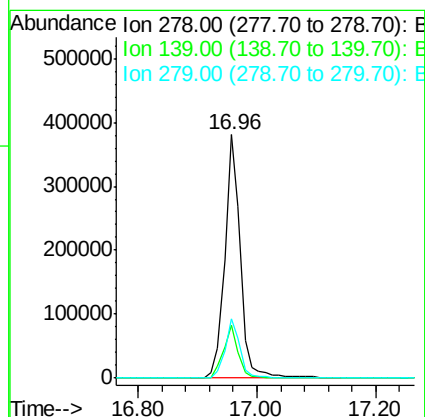
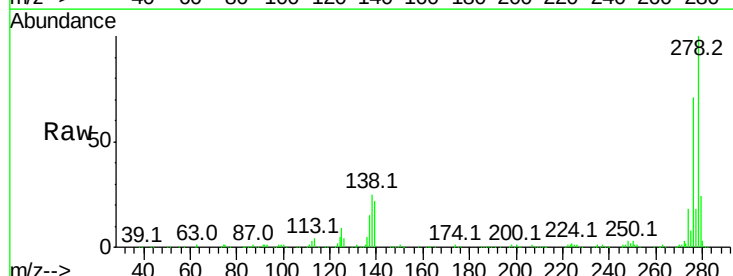
Instrument :
BNA_F
ClientSampleId :

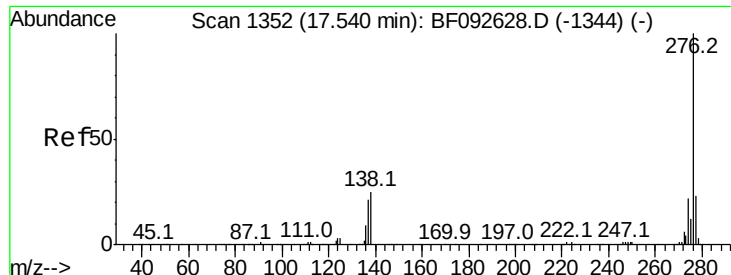
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	14.1	10.0	15.0



#90
Dibenzo(a,h)anthracene
Concen: 41.97 ng
RT: 16.96 min Scan# 1301
Delta R.T. -0.15 min
Lab File: BF092915.D
Acq: 13 Feb 2017 10:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.8	22.2
279	24.1	19.8	29.6





#91

Benzo(a,h,i)perylene

Concen: 41.39 ng

RT: 17.38 min Scan# 1338

Delta R.T. -0.16 min

Lab File: BF092915.D

Acq: 13 Feb 2017 10:22

Instrument :

BNA_F

ClientSampleId :

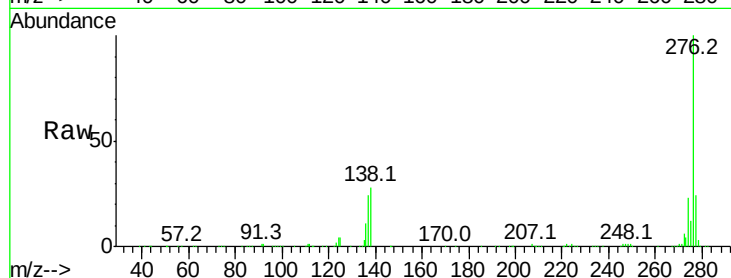
Tot Ion:276 Resp: 693271

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 28.2 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

