

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021317\
 Data File : BF092920.D
 Acq On : 13 Feb 2017 16:10
 Operator : SJ/MA
 Sample : PB96883BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 13 17:49:50 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	7.04	152	451727	20.00	ng	0.07
21) Naphthalene-d8	8.17	136	642257	20.00	ng	-0.09
38) Acenaphthene-d10	9.92	164	347498	20.00	ng	-0.09
63) Phenanthrene-d10	11.40	188	554678	20.00	ng	-0.09
75) Chrysene-d12	14.04	240	462624	20.00	ng	-0.10
86) Perylene-d12	15.48	264	463123	20.00	ng	-0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	775242	29.44	ng	-0.08
7) Phenol-d6	6.52	99	945794	27.92	ng	-0.08
23) Nitrobenzene-d5	7.45	82	816066	70.76	ng	-0.09
41) 2,4,6-Tribromophenol	10.72	330	210120	83.60	ng	-0.09
44) 2-Fluorobiphenyl	9.24	172	1408733	73.44	ng	-0.09
78) Terphenyl-d14	12.99	244	1262863	64.14	ng	-0.09

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.57	88	161478	11.35	ng	86
3) Pyridine	3.29	79	436598	12.07	ng	86
4) n-Nitrosodimethylamine	3.25	42	228403	13.45	ng	84
6) Aniline	6.61	93	377903	8.18	ng	# 24
8) 2-Chlorophenol	6.67	128	405099	13.95	ng	92
9) Benzaldehyde	6.43	77	101909	4.20	ng	96
10) Phenol	6.53	94	532686	13.44	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	377903	11.94	ng	89
12) 1,3-Dichlorobenzene	6.90	146	453012	13.31	ng	# 95
13) 1,4-Dichlorobenzene	7.05	146	395773	11.49	ng	98
14) 1,2-Dichlorobenzene	7.05	146	395773	12.02	ng	97
15) Benzyl Alcohol	7.02	79	321159	12.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	656758	11.95	ng	93
17) 2-Methylphenol	7.14	107	331027	13.28	ng	97
18) Hexachloroethane	7.39	117	143642	12.22	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	269623	12.50	ng	96
20) 3+4-Methylphenols	7.30	107	401796	13.49	ng	96
22) Acetophenone	7.30	105	522661	35.64	ng	# 91
24) Nitrobenzene	7.47	77	463451	39.13	ng	91
25) Isophorone	7.71	82	809714	37.68	ng	98
26) 2-Nitrophenol	7.79	139	219775	39.04	ng	# 80
27) 2,4-Dimethylphenol	7.82	122	357694	36.18	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	458145	32.19	ng	98
29) 2,4-Dichlorophenol	8.03	162	363754	39.45	ng	94
30) 1,2,4-Trichlorobenzene	8.11	180	367375	36.97	ng	97
31) Naphthalene	8.19	128	1146773	35.22	ng	99
32) Benzoic acid	7.95	122	158987	31.31	ng	97
33) 4-Chloroaniline	8.24	127	193740	15.17	ng	95
34) Hexachlorobutadiene	8.30	225	183046	33.48	ng	100
35) Caprolactam	8.61	113	84312	29.07	ng	# 66
36) 4-Chloro-3-methylphenol	8.73	107	360298	37.48	ng	98
37) 2-Methylnaphthalene	8.88	142	730076	34.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	362229	37.13	ng	99
40) Hexachlorocyclopentadiene	9.04	237	207411	47.13	ng	99

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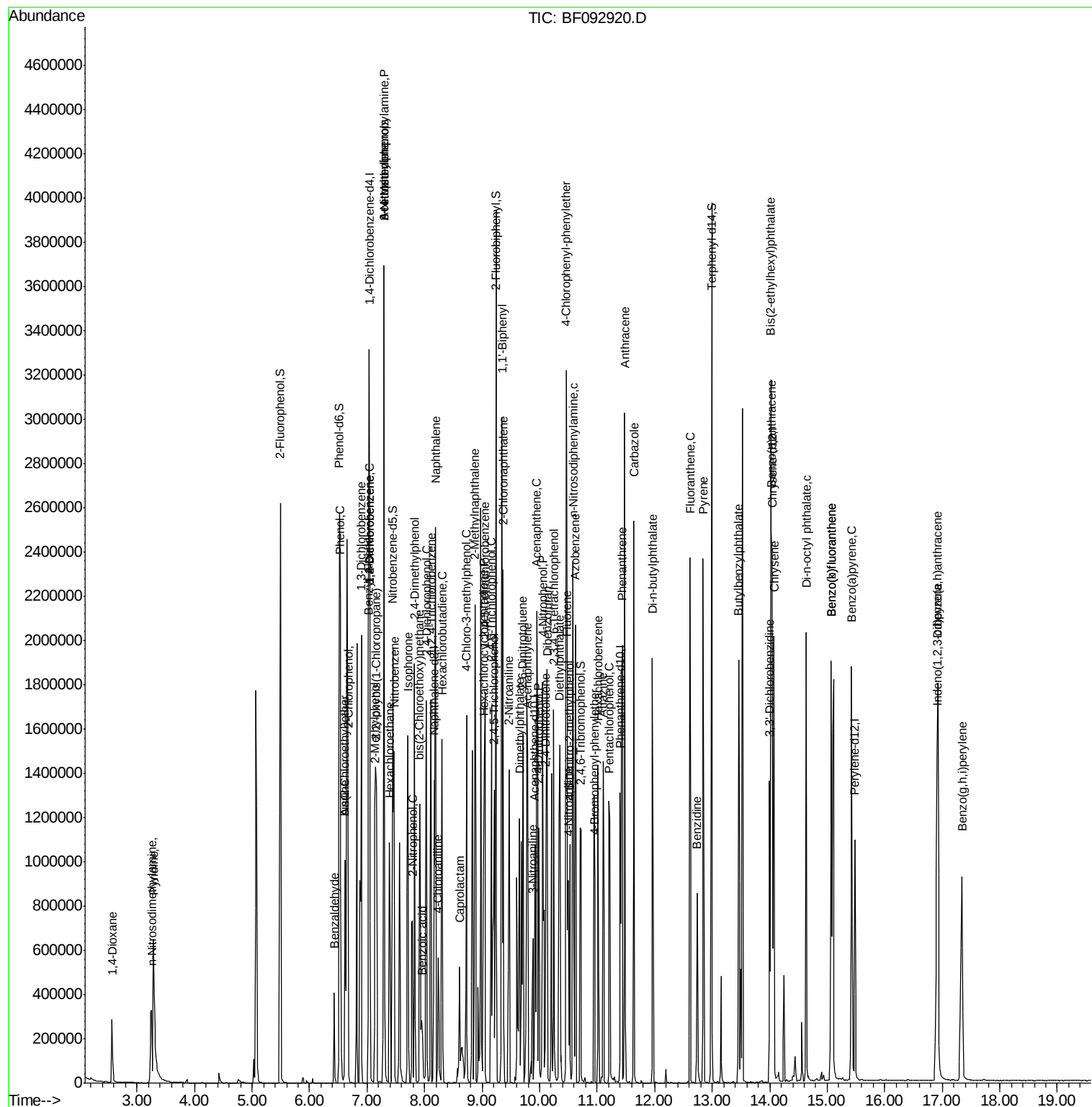
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	256665	40.04	nq	93
43) 2,4,5-Trichlorophenol	9.21	196	253255	36.06	nq	# 84
45) 1,1'-Biphenyl	9.34	154	934656	37.14	nq	98
46) 2-Chloronaphthalene	9.37	162	699858	35.55	nq	97
47) 2-Nitroaniline	9.47	65	257976	38.98	nq	87
48) Acenaphthylene	9.79	152	1167553	34.34	nq	97
49) Dimethylphthalate	9.65	163	874655	37.37	nq	99
50) 2,6-Dinitrotoluene	9.71	165	199783	39.52	nq	92
51) Acenaphthene	9.95	154	773929	38.07	nq	97
52) 3-Nitroaniline	9.88	138	137195	23.72	nq	# 79
53) 2,4-Dinitrophenol	9.98	184	185660	72.66	nq	# 56
54) Dibenzofuran	10.13	168	1042713	38.35	nq	# 89
55) 4-Nitrophenol	10.05	139	311421	74.74	nq	89
56) 2,4-Dinitrotoluene	10.11	165	251722	37.40	nq	91
57) Fluorene	10.48	166	749162	35.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	199106	42.50	nq	98
59) Diethylphthalate	10.35	149	835164	37.86	nq	94
60) 4-Chlorophenyl-phenylether	10.46	204	370040	36.82	nq	# 81
61) 4-Nitroaniline	10.50	138	228187	38.51	nq	83
62) Azobenzene	10.62	77	940076	41.25	nq	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	132261	39.66	nq	# 59
65) n-Nitrosodiphenylamine	10.58	169	628970	35.50	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	219701	37.91	nq	# 79
67) Hexachlorobenzene	11.01	284	204248	35.67	nq	# 76
68) Atrazine	11.10	200	211475	37.19	nq	98
69) Pentachlorophenol	11.22	266	237154	80.20	nq	99
70) Phenanthrene	11.44	178	1172120	36.88	nq	97
71) Anthracene	11.48	178	1147307	35.95	nq	99
72) Carbazole	11.64	167	1142329	37.45	nq	98
73) Di-n-butylphthalate	11.96	149	1216185	36.86	nq	98
74) Fluoranthene	12.61	202	1090317	33.26	nq	98
76) Benzidine	12.74	184	318366	16.15	nq	97
77) Pyrene	12.84	202	1156181	33.40	nq	99
79) Butylbenzylphthalate	13.46	149	529612	37.67	nq	98
80) Benzo(a)anthracene	14.03	228	1004635	35.51	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	253037	25.09	nq	# 98
82) Chrysene	14.08	228	1023914	38.65	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	722397	37.57	nq	98
84) Di-n-octyl phthalate	14.64	149	1369063	43.73	nq	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	979551	47.74	nq	94
87) Benzo(b)fluoranthene	15.07	252	1005172	32.98	nq	98
88) Benzo(k)fluoranthene	15.07	252	1005172	38.19	nq	98
89) Benzo(a)pyrene	15.43	252	936875	35.53	nq	97
90) Dibenzo(a,h)anthracene	16.92	278	813669	38.18	nq	96
91) Benzo(g,h,i)perylene	17.35	276	850541	39.51	nq	# 95

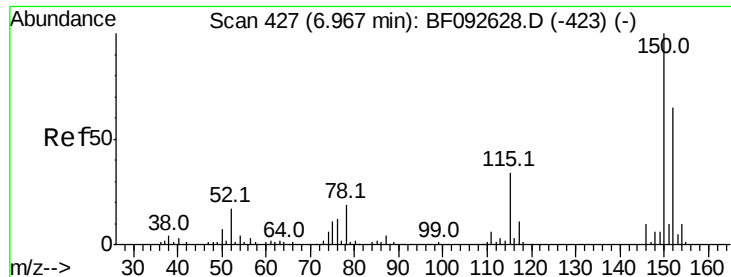
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.07 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampled :

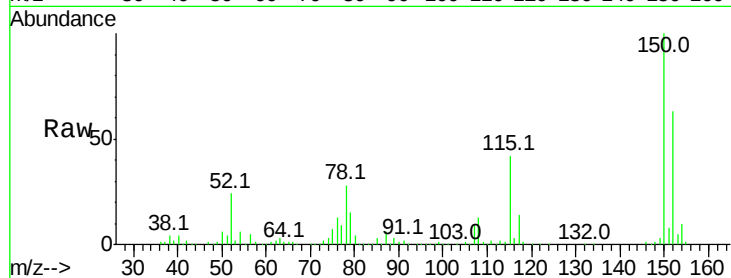
Tot Ion:152 Resp: 451727

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

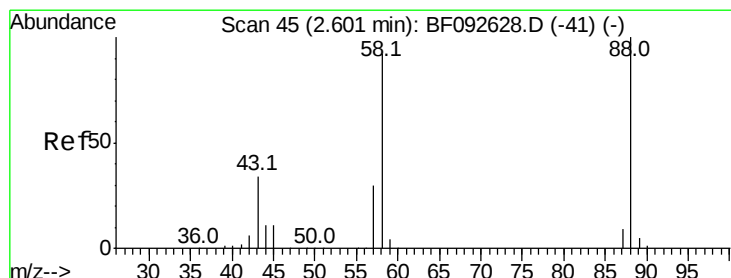
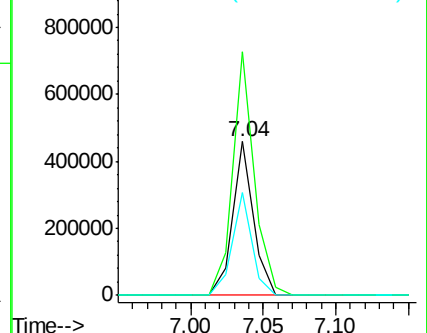
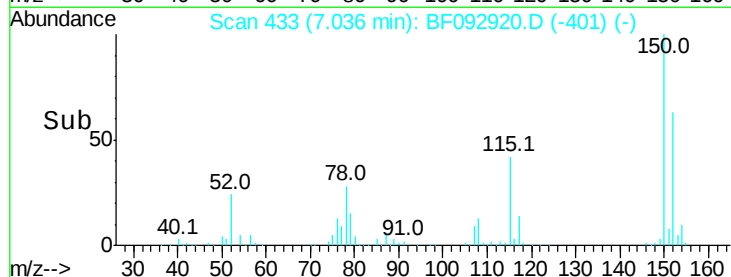
115 66.9 46.0 69.0



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: 11.35 ng

RT: 2.57 min Scan# 42

Delta R.T. -0.03 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

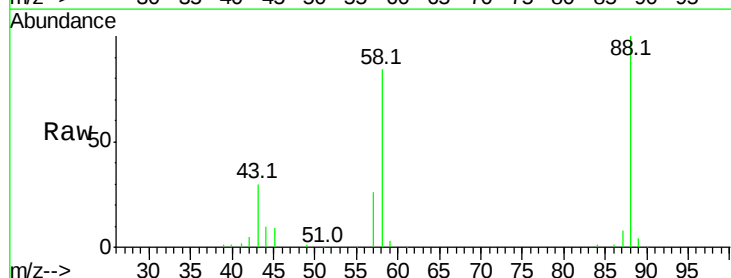
Tgt Ion: 88 Resp: 161478

Ion Ratio Lower Upper

88 100

58 86.0 57.8 86.8

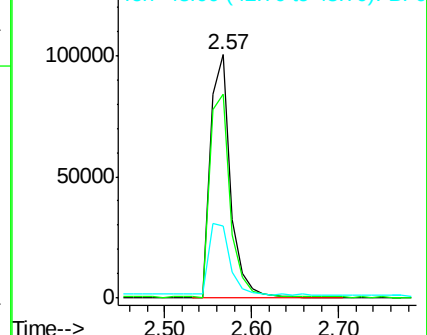
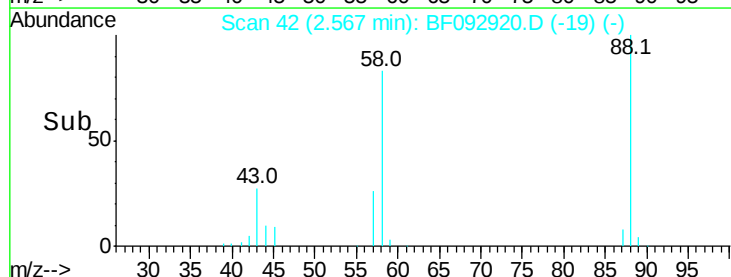
43 32.5 22.3 33.5

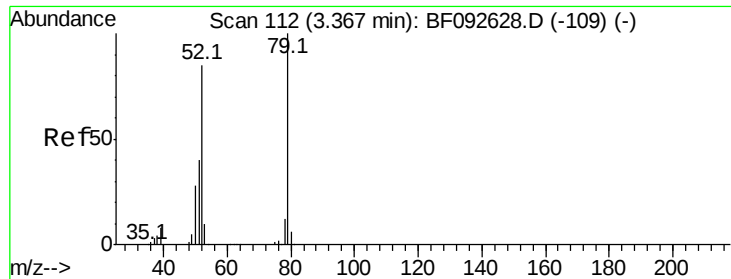


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 12.07 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampled :

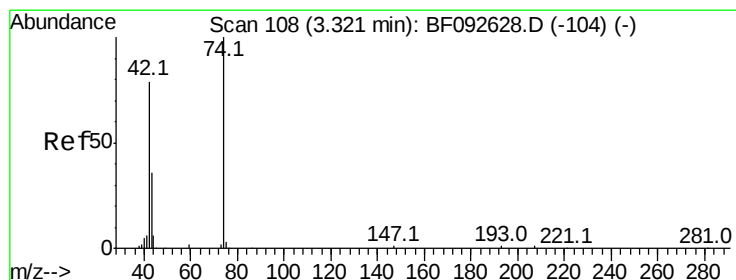
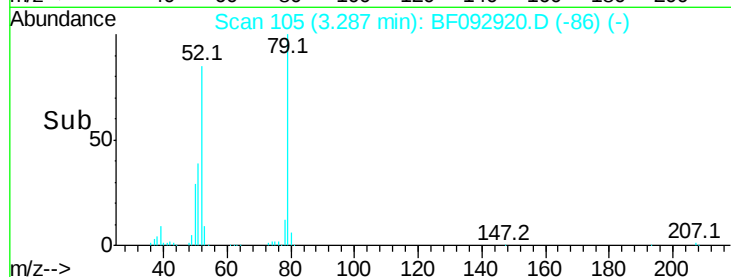
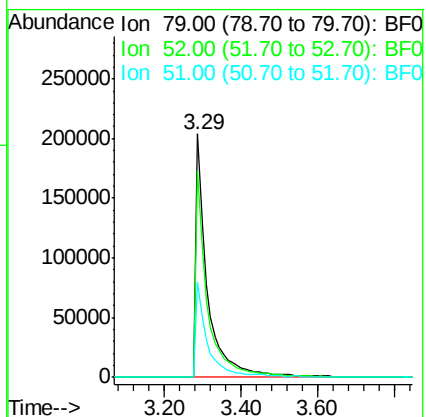
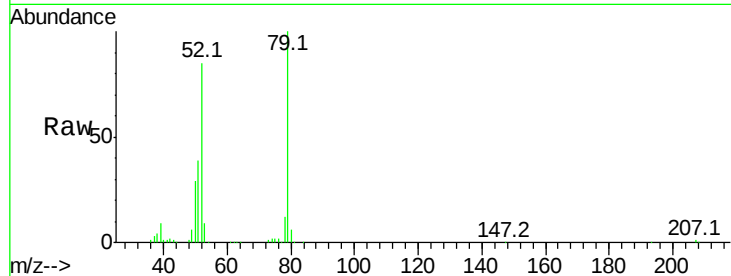
Tot Ion: 79 Resp: 436598

Ion Ratio Lower Upper

79 100

52 84.9 57.1 85.7

51 39.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 13.45 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.07 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

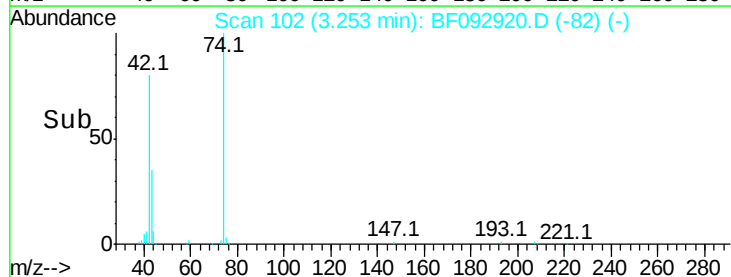
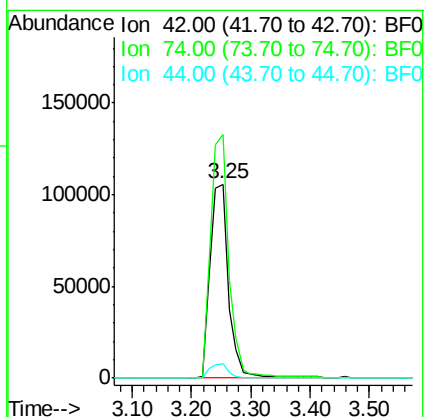
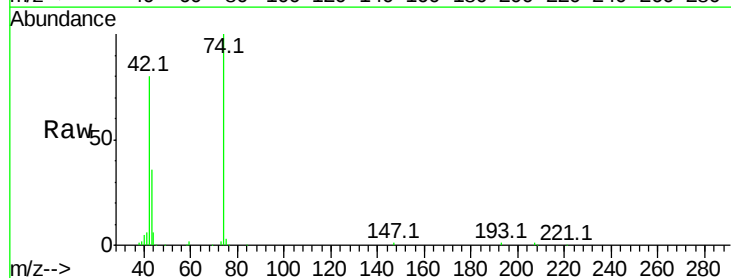
Tgt Ion: 42 Resp: 228403

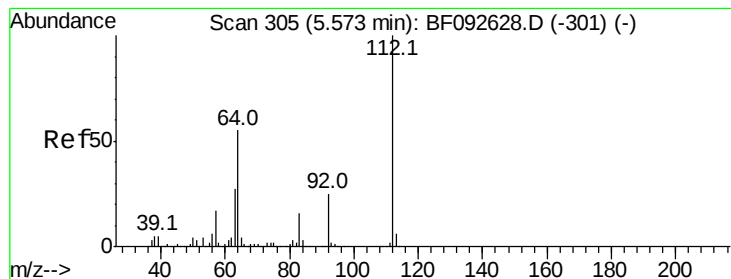
Ion Ratio Lower Upper

42 100

74 125.4 117.0 175.4

44 7.2 5.5 8.3

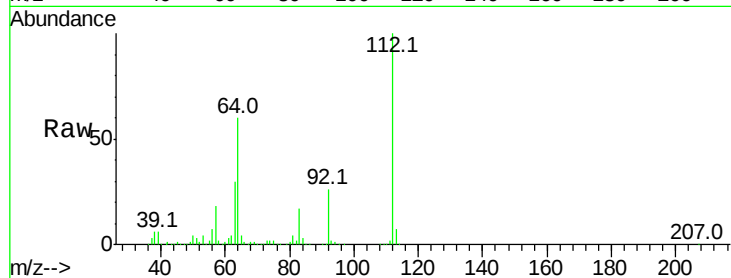




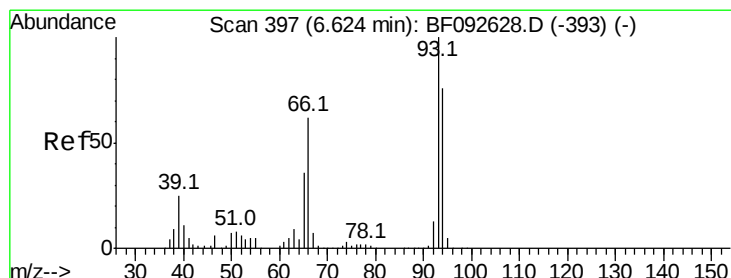
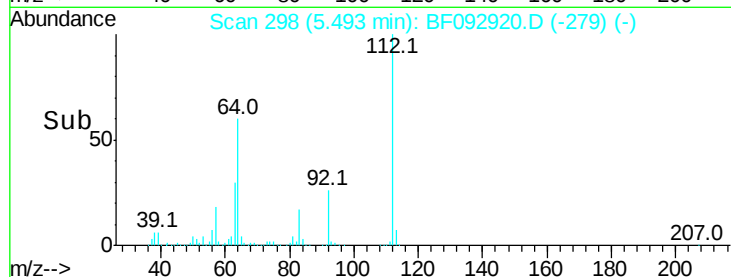
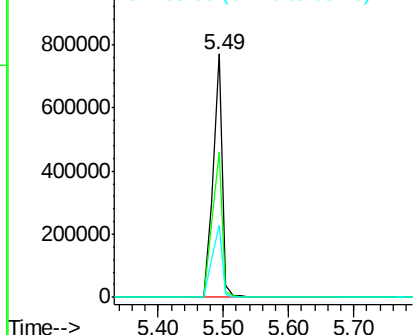
#5
 2-Fluorophenol
 Concen: 29.44 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.1	69.1
63	29.6	23.8	35.6

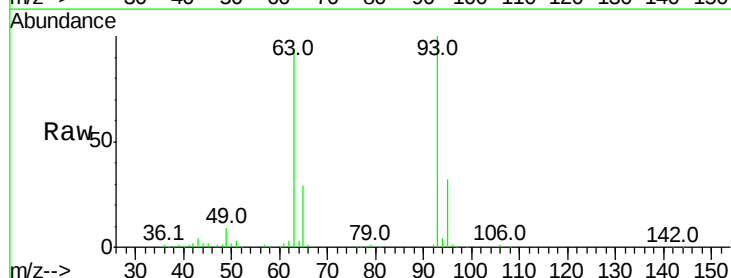


Abundance Ion 112.00 (111.70 to 112.70): BF0
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

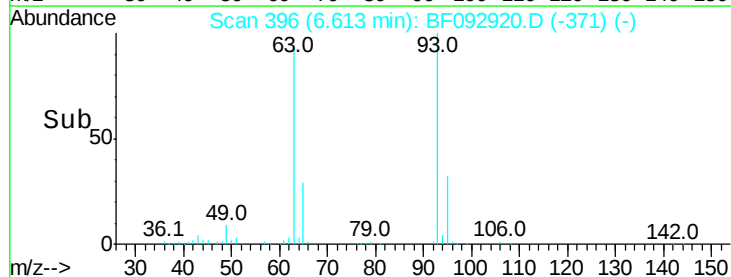
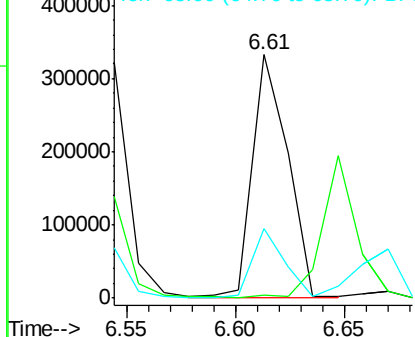


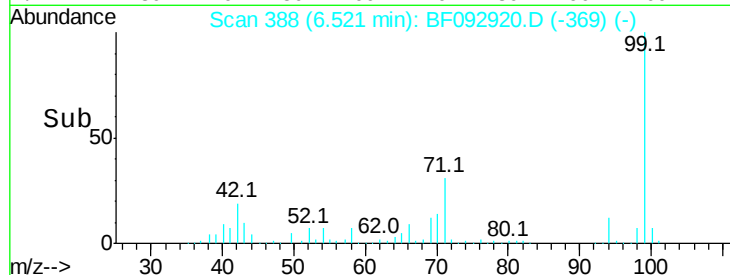
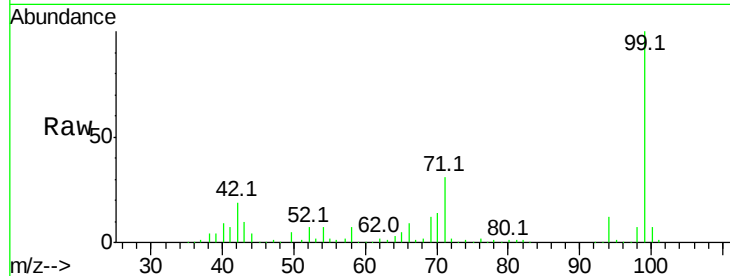
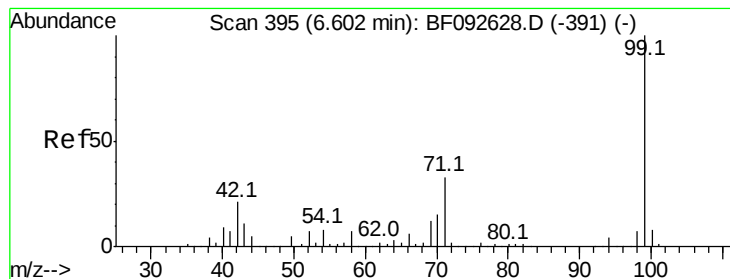
#6
 Aniline
 Concen: 8.18 ng
 RT: 6.61 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
93	100		
66	1.0	76.2	114.2#
65	28.5	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 27.92 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

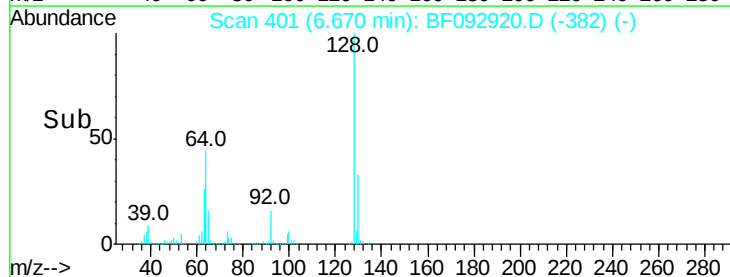
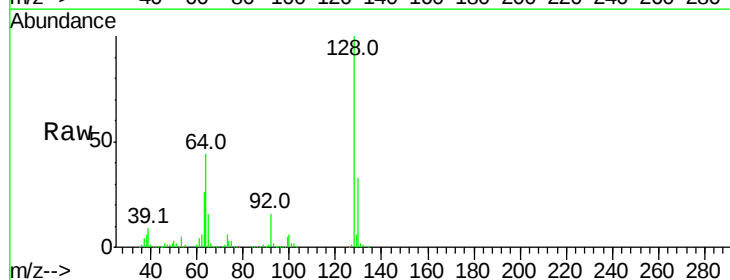
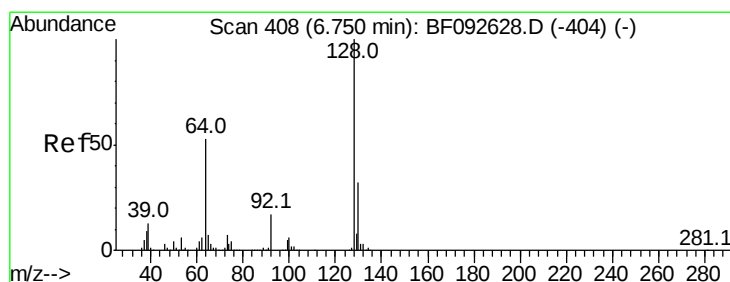
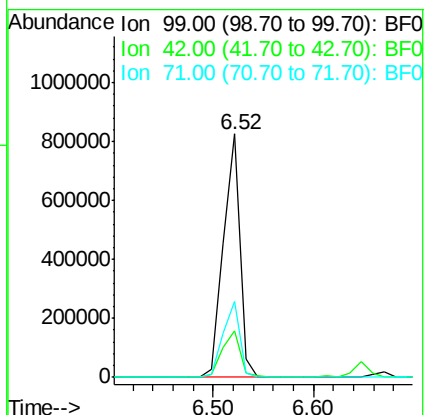
Tot Ion: 99 Resp: 945794

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 31.4 27.5 41.3



#8

2-Chlorophenol

Concen: 13.95 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

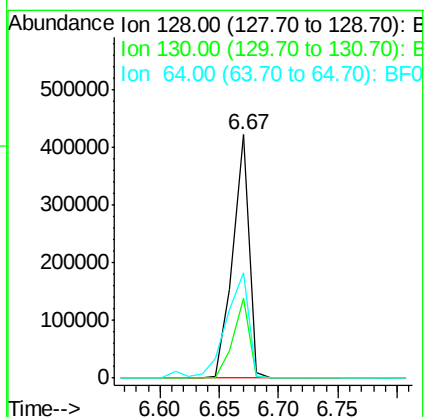
Tgt Ion: 128 Resp: 405099

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 43.5 32.2 72.2





#9

Benzaldehyde

Concen: 4.20 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampled :

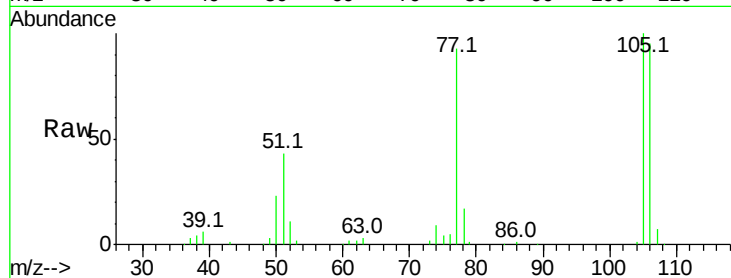
Tot Ion: 77 Resp: 101909

Ion Ratio Lower Upper

77 100

105 107.7 83.9 123.9

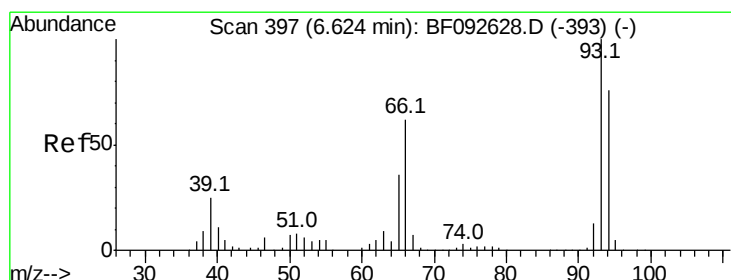
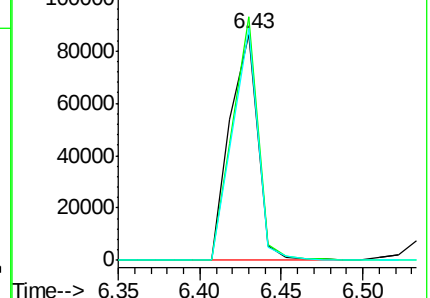
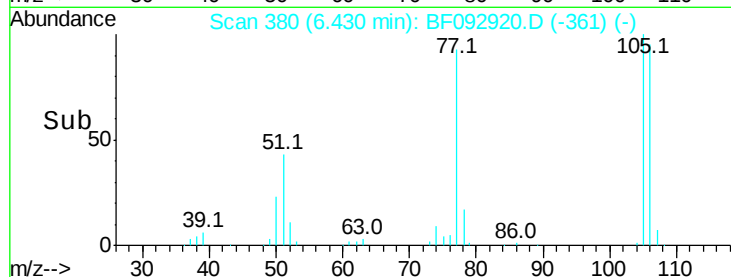
106 102.6 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.44 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

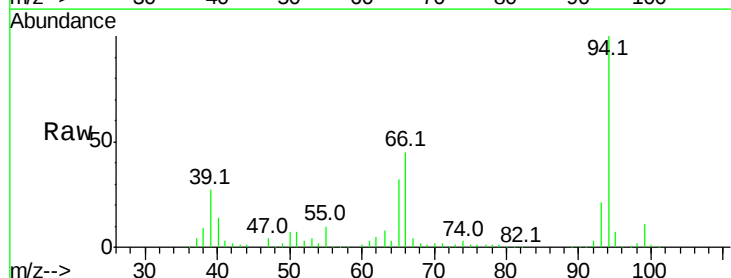
Tgt Ion: 94 Resp: 532686

Ion Ratio Lower Upper

94 100

65 32.2 21.4 61.4

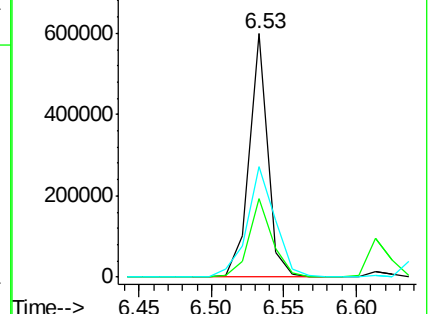
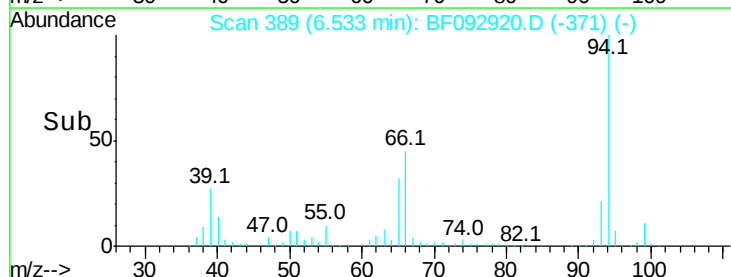
66 45.3 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

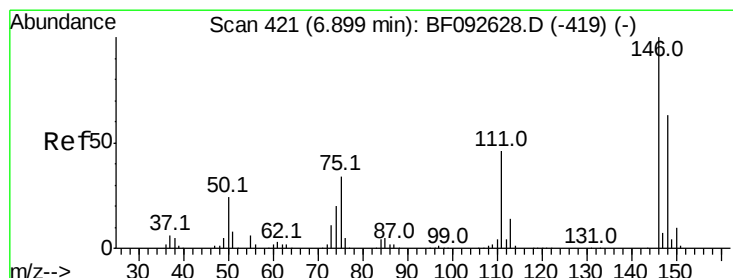
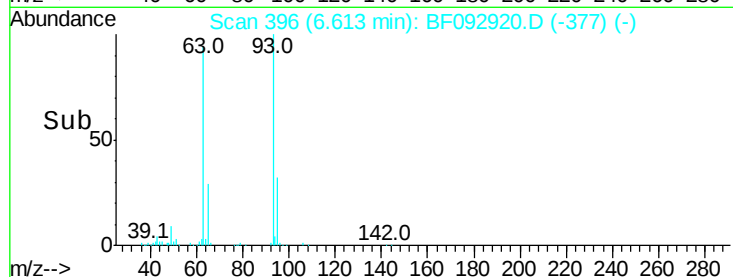
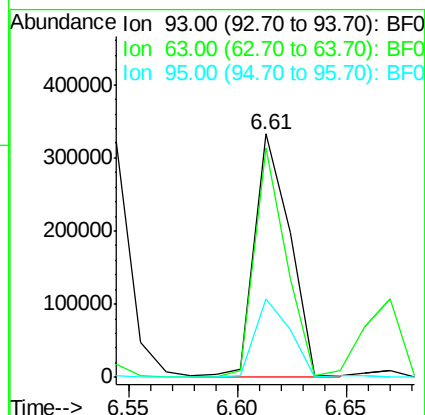
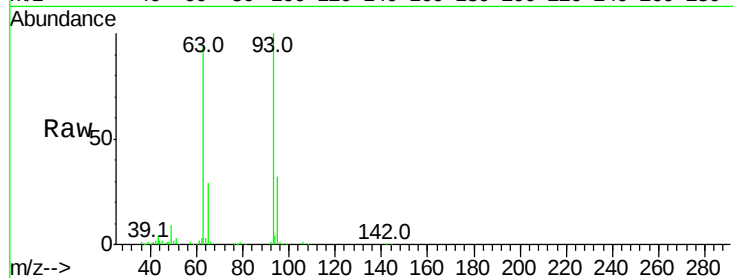




#11
bis(2-Chloroethyl)ether
Concen: 11.94 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

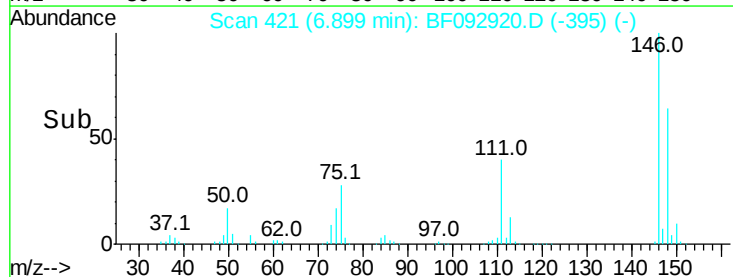
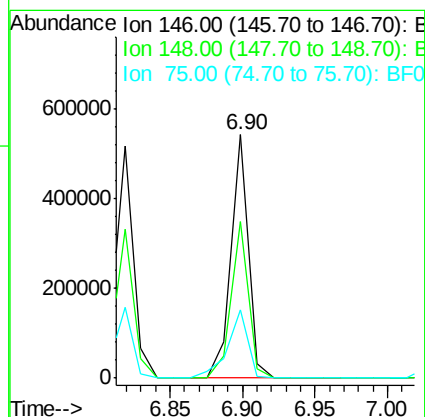
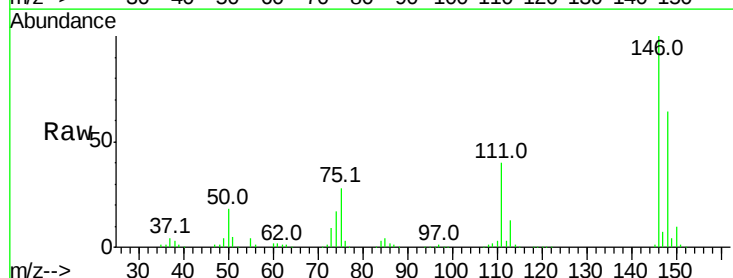
Instrument :
BNA_F
ClientSampleId :

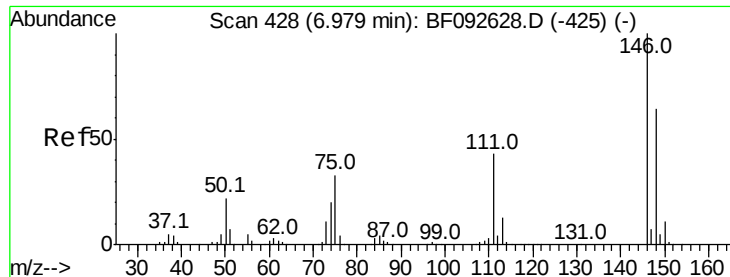
Tot Ion: 93 Resp: 377903
Ion Ratio Lower Upper
93 100
63 94.1 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 13.31 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion: 146 Resp: 453012
Ion Ratio Lower Upper
146 100
148 64.1 53.4 80.0
75 28.2 18.5 27.7#

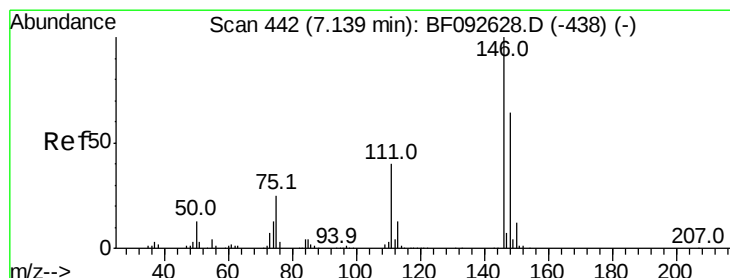
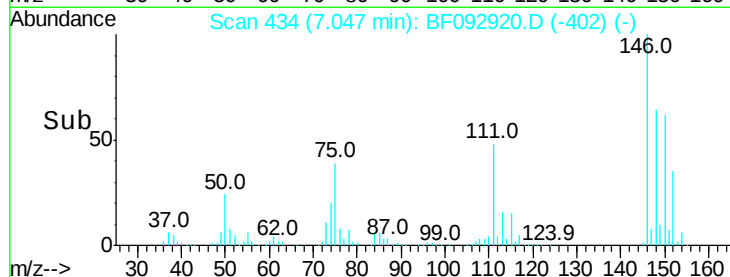
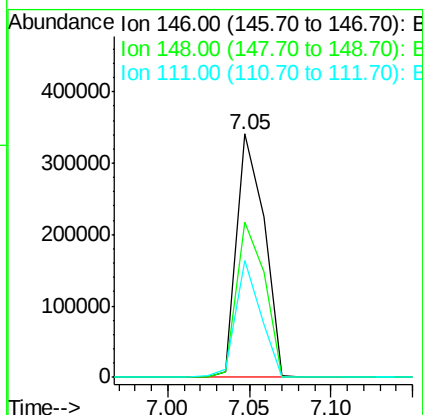
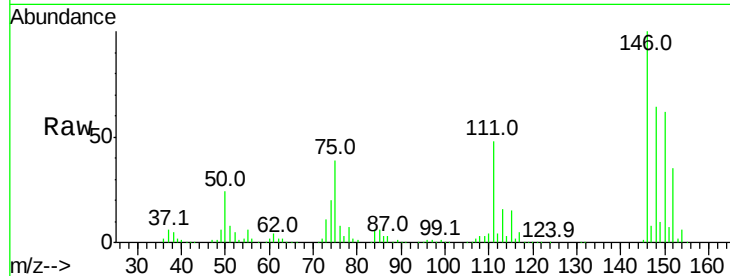




#13
 1,4-Dichlorobenzene
 Concen: 11.49 ng
 RT: 7.05 min Scan# 434
 Delta R.T. 0.07 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

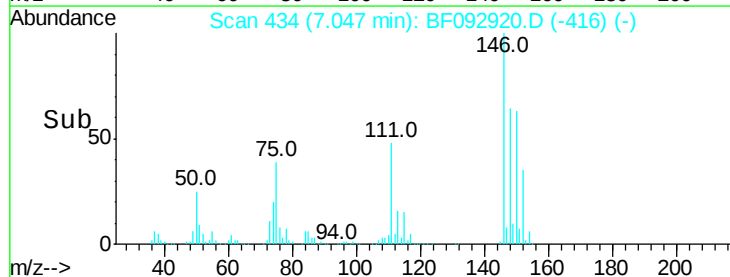
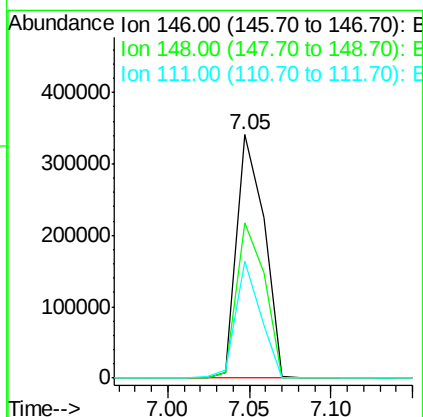
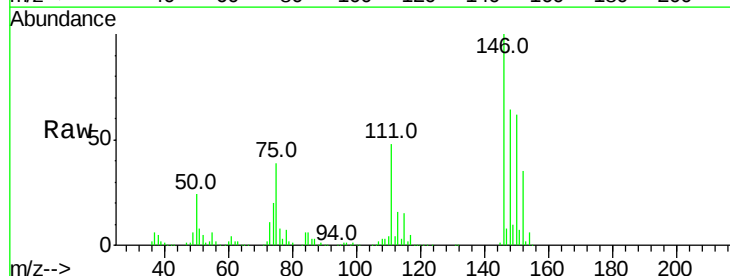
Instrument :
 BNA_F
 ClientSampleId :

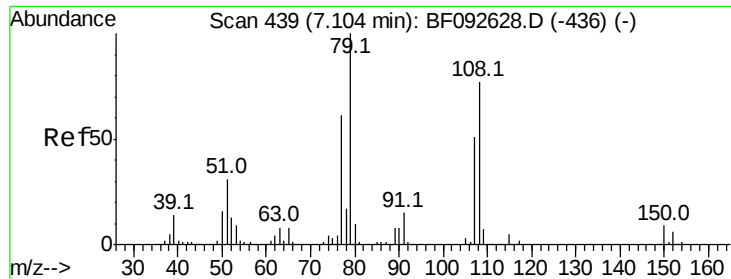
Tot Ion:146 Resp: 395773
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 48.1 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 12.02 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:146 Resp: 395773
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 48.1 36.2 54.2

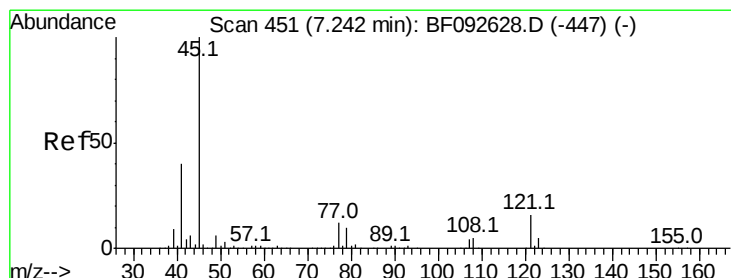
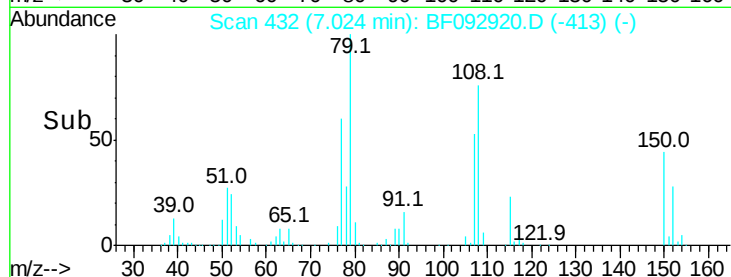
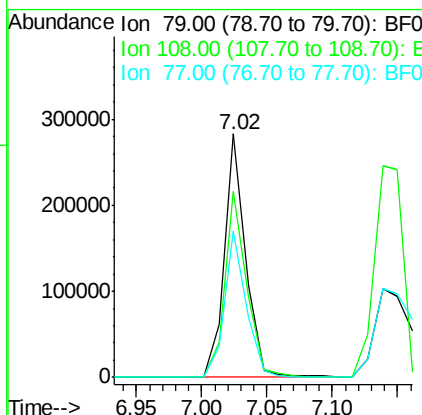
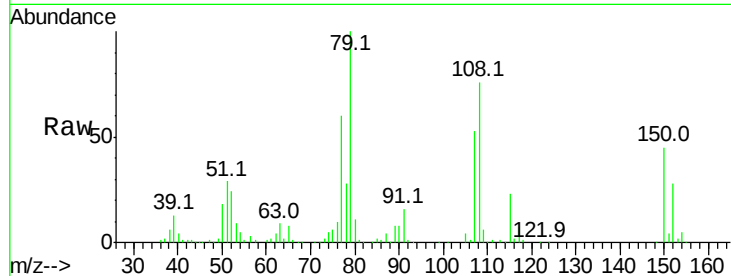




#15
Benzyl Alcohol
Concen: 12.80 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

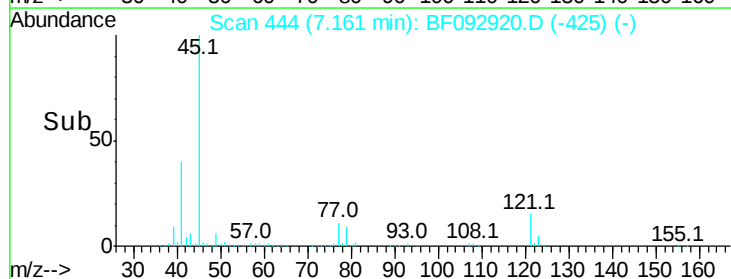
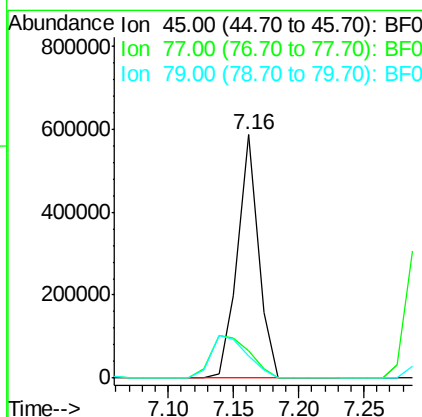
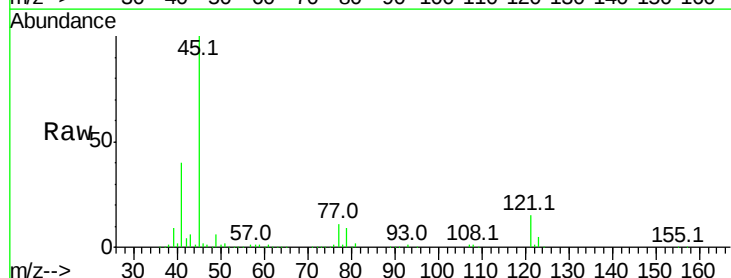
Instrument :
BNA_F
ClientSampleId :

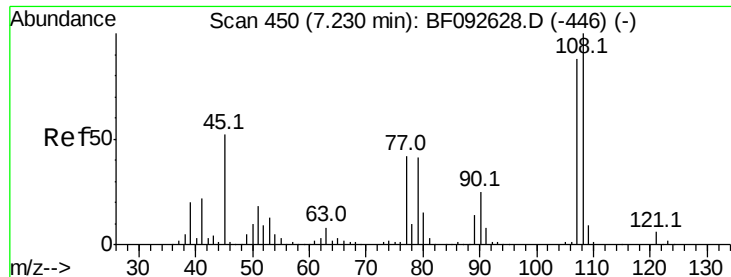
Tot Ion: 79 Resp: 321159
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.0
77 60.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.95 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion: 45 Resp: 656758
Ion Ratio Lower Upper
45 100
77 11.4 0.0 34.6
79 9.2 0.0 31.2

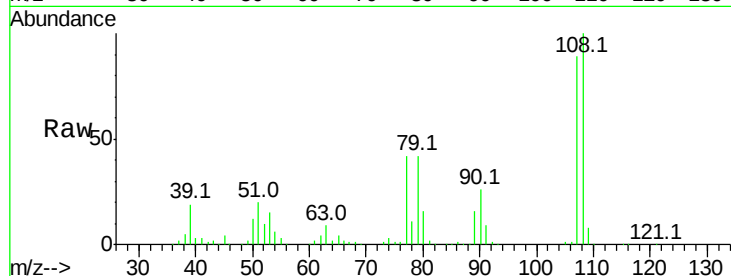




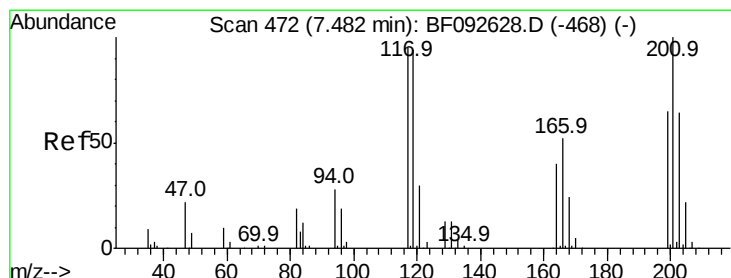
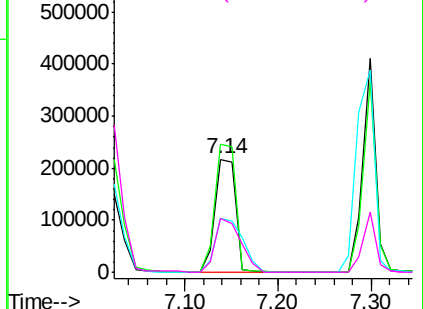
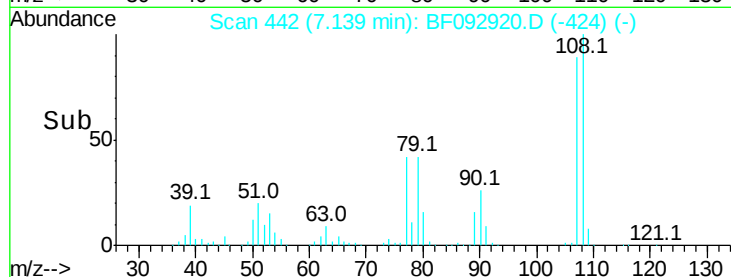
#17
2-Methylphenol
Concen: 13.28 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 331027
Ion Ratio Lower Upper
107 100
108 112.8 93.0 139.6
77 47.2 39.8 59.8
79 47.1 38.0 57.0

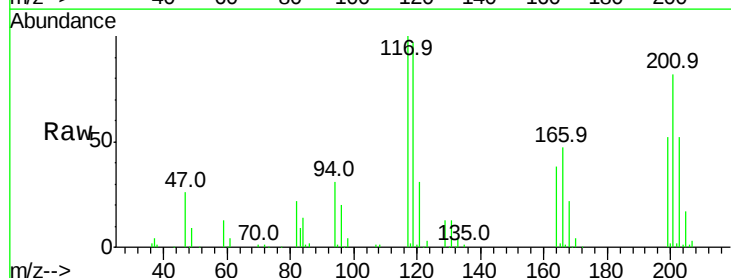


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

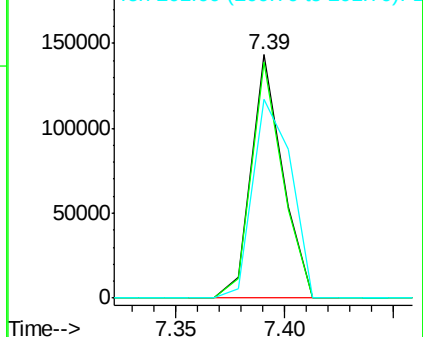
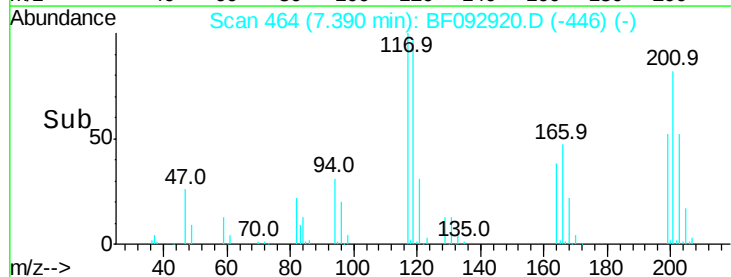


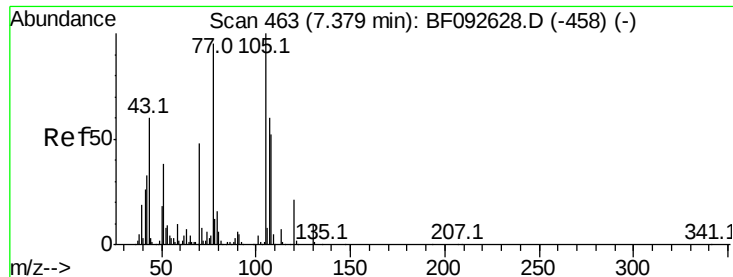
#18
Hexachloroethane
Concen: 12.22 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:117 Resp: 143642
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1
201 81.8 78.6 117.8



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

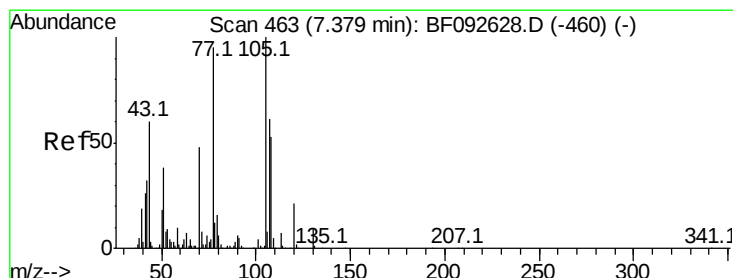
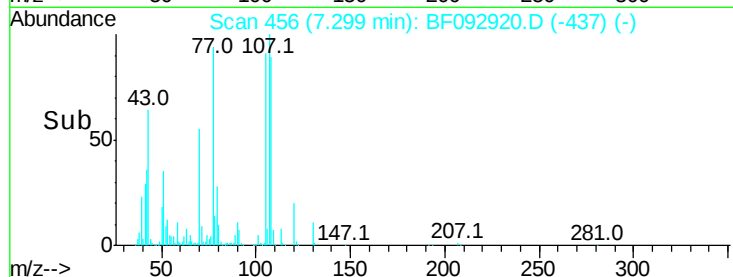
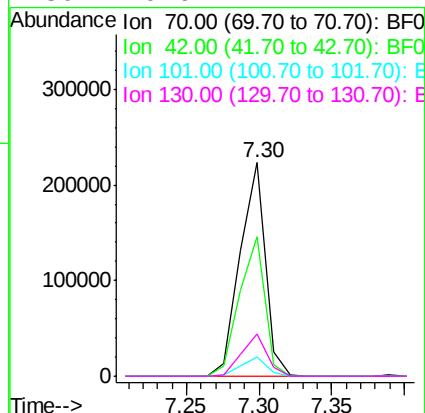
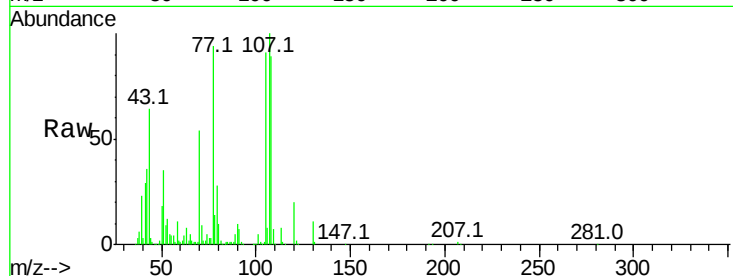




#19
n-Nitroso-di-n-propylamine
Concen: 12.50 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

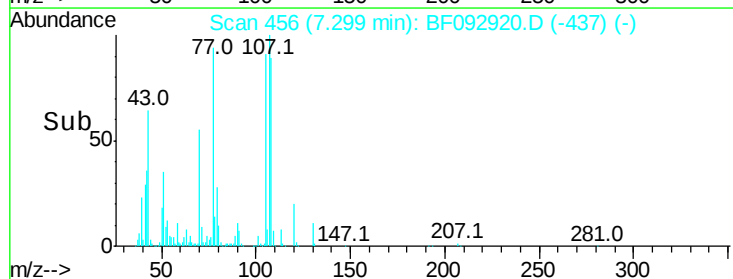
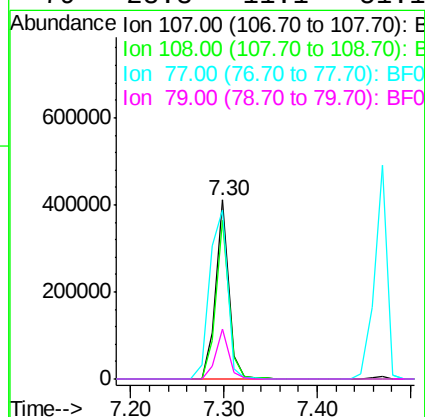
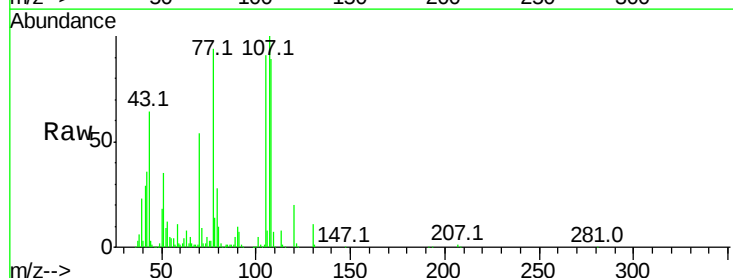
Instrument :
BNA_F
ClientSampleId :

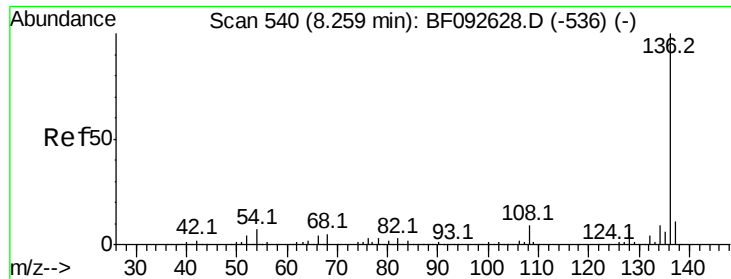
Tot Ion: 70 Resp: 269623
Ion Ratio Lower Upper
70 100
42 65.3 49.4 74.0
101 9.1 7.4 11.2
130 19.6 14.2 21.4



#20
3+4-Methylphenols
Concen: 13.49 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:107 Resp: 401796
Ion Ratio Lower Upper
107 100
108 89.1 73.0 113.0
77 94.4 71.3 111.3
79 28.3 11.1 51.1

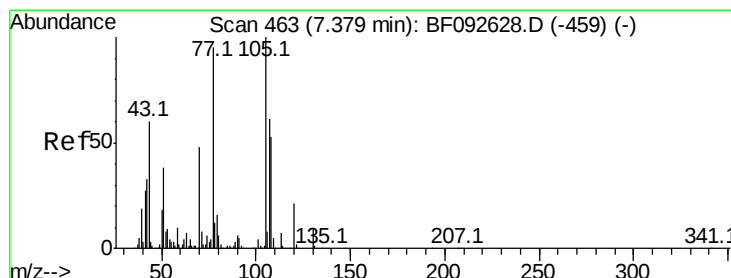
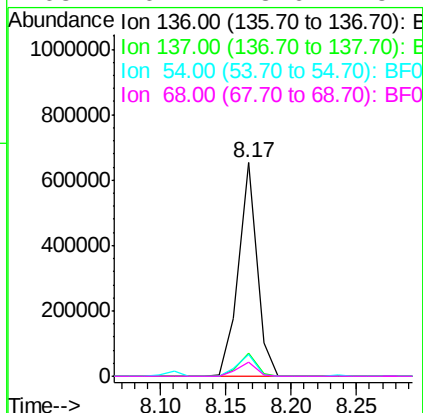
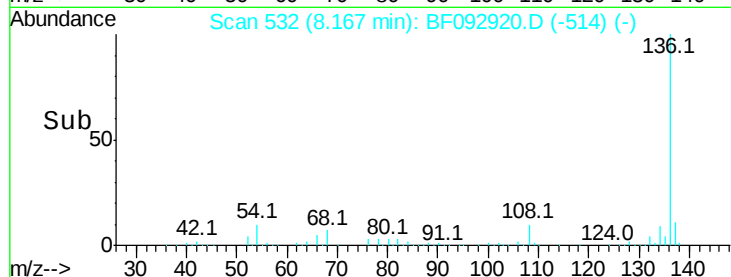
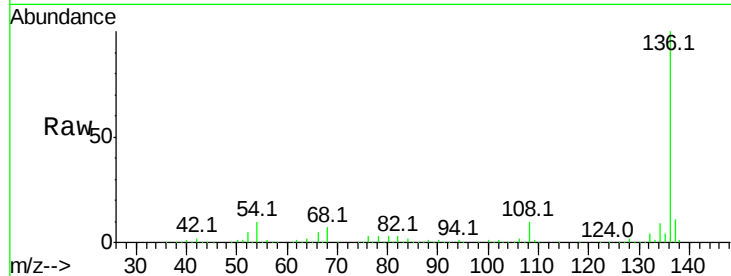




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

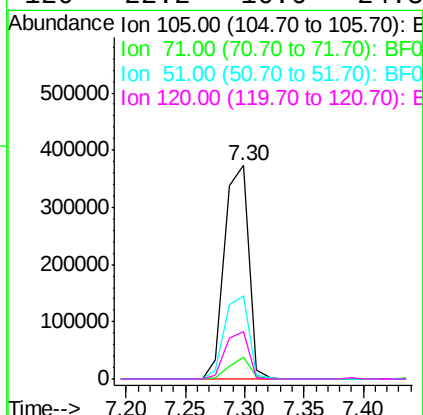
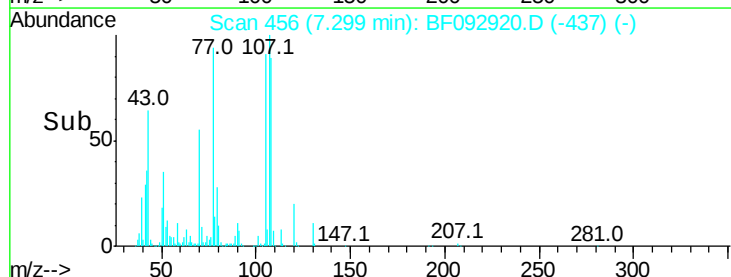
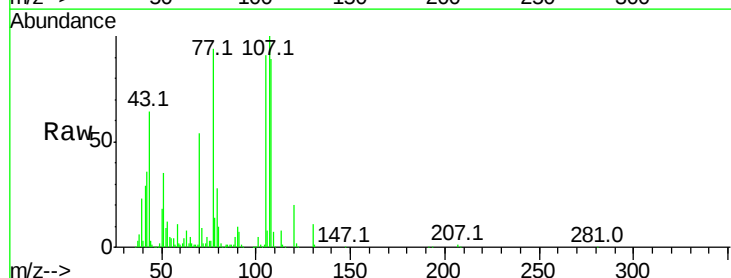
Instrument :
BNA_F
ClientSampleId :

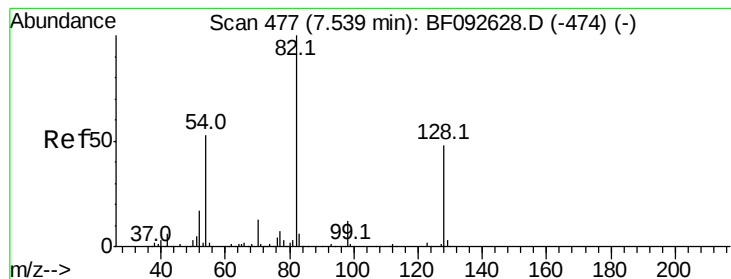
Tot Ion:	136	Resp:	642257
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.1	4.5	6.7#
68	6.7	3.6	5.4#



#22
Acetophenone
Concen: 35.64 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:	105	Resp:	522661
Ion	Ratio	Lower	Upper
105	100		
71	10.0	3.2	4.8#
51	38.9	26.2	39.4
120	22.2	16.6	24.8





#23

Nitrobenzene-d5

Concen: 70.76 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

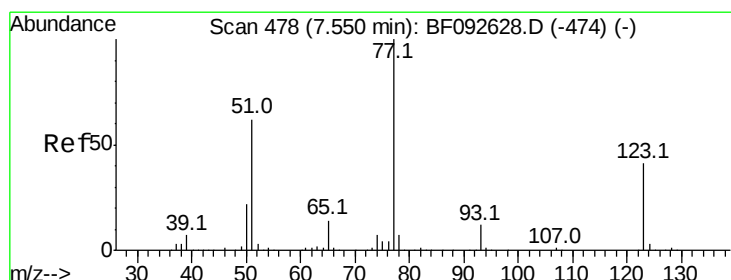
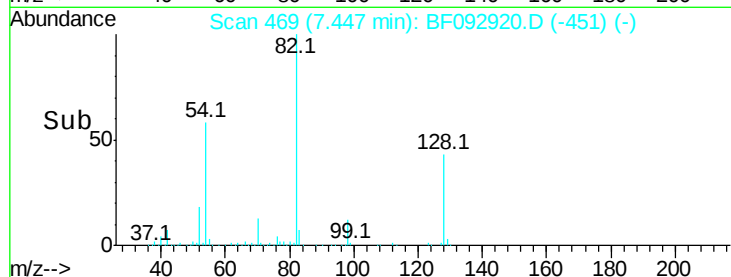
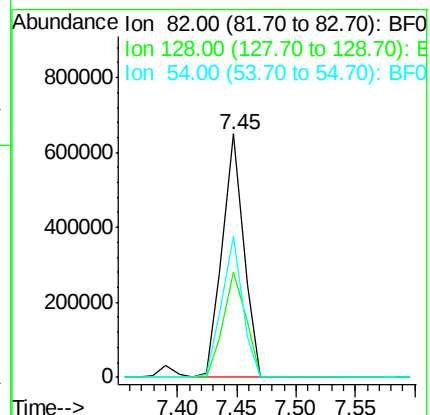
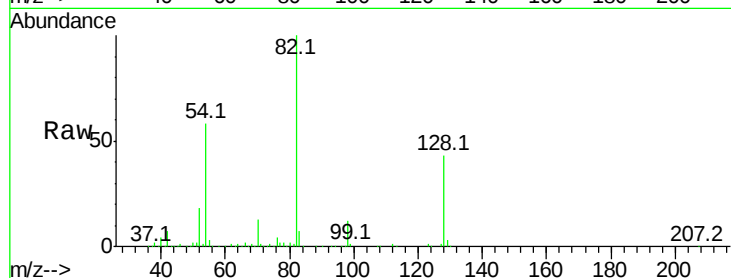
Tot Ion: 82 Resp: 816066

Ion Ratio Lower Upper

82 100

128 43.1 34.6 52.0

54 57.8 39.5 59.3



#24

Nitrobenzene

Concen: 39.13 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

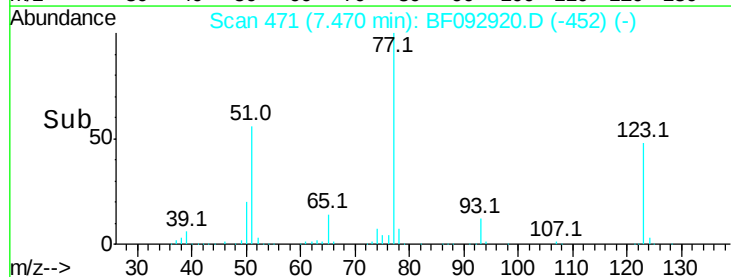
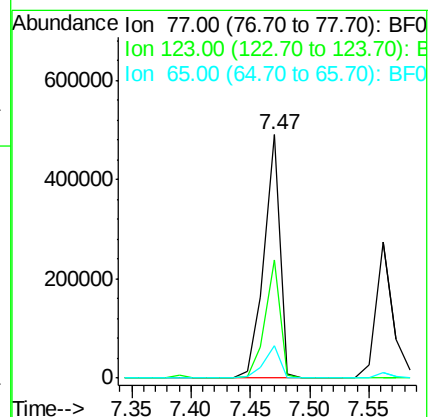
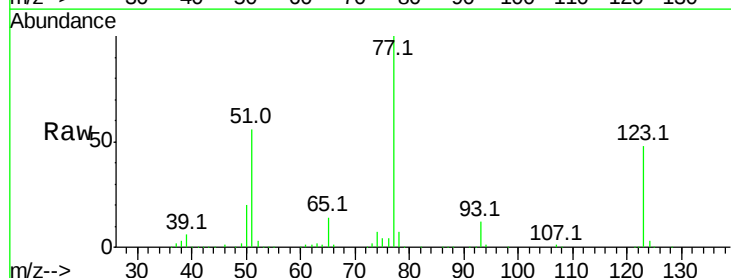
Tgt Ion: 77 Resp: 463451

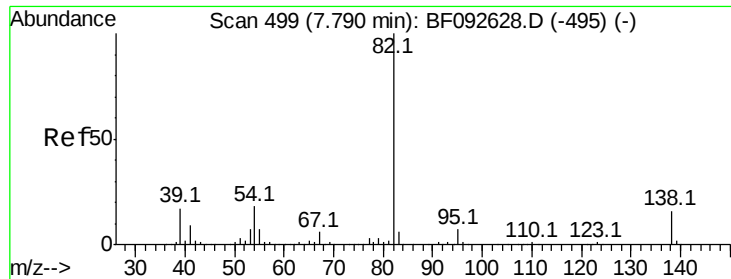
Ion Ratio Lower Upper

77 100

123 48.4 33.0 49.4

65 13.5 11.2 16.8





#25

Isophorone

Concen: 37.68 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

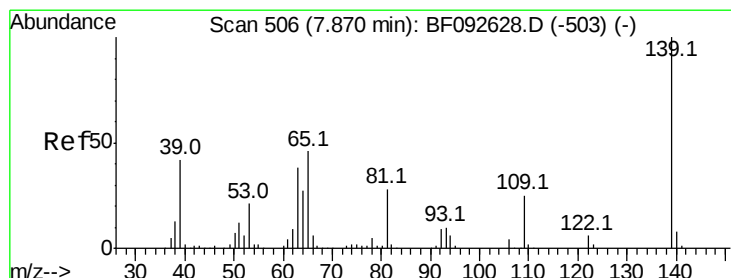
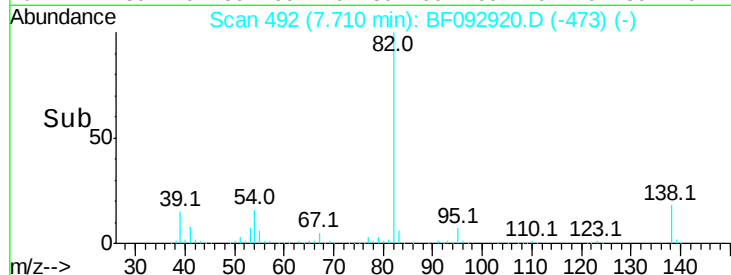
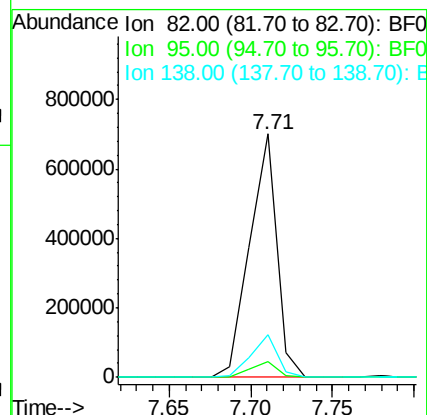
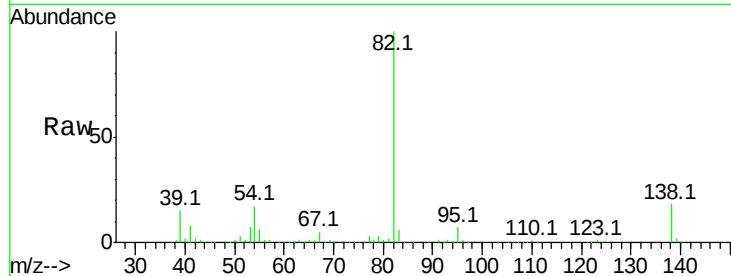
Tot Ion: 82 Resp: 809714

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 17.5 14.6 22.0



#26

2-Nitrophenol

Concen: 39.04 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

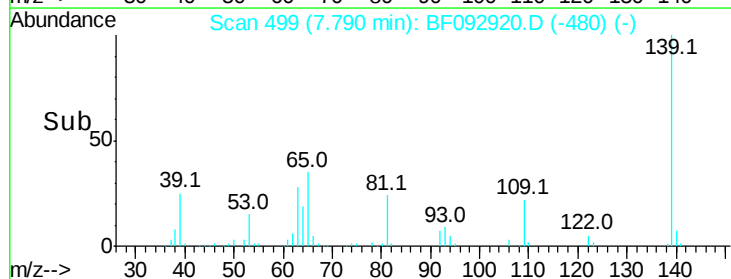
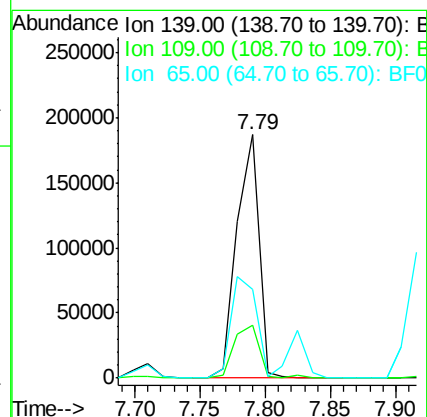
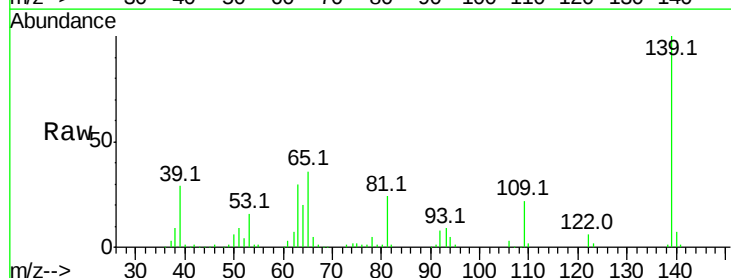
Tgt Ion: 139 Resp: 219775

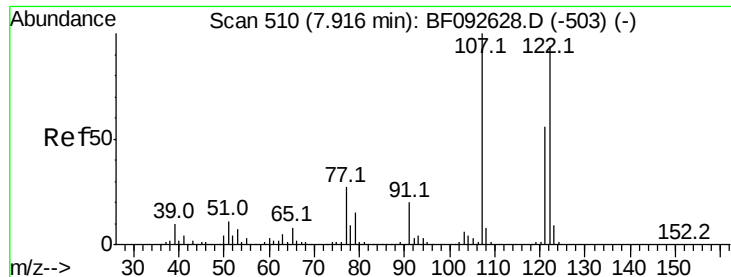
Ion Ratio Lower Upper

139 100

109 21.8 23.3 34.9#

65 36.3 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 36.18 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampled :

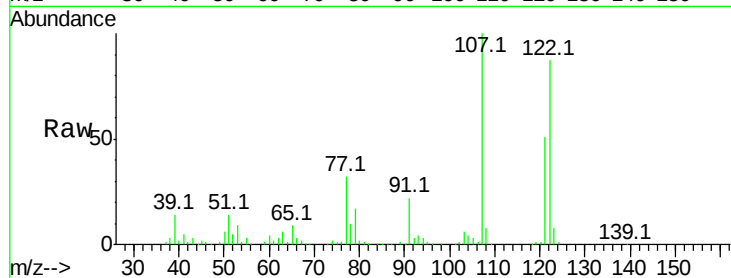
Tot Ion:122 Resp: 357694

Ion Ratio Lower Upper

122 100

107 115.4 94.1 141.1

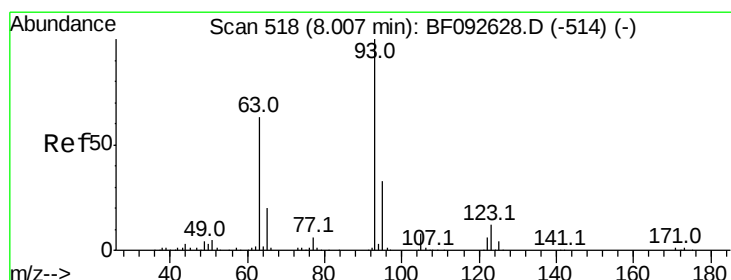
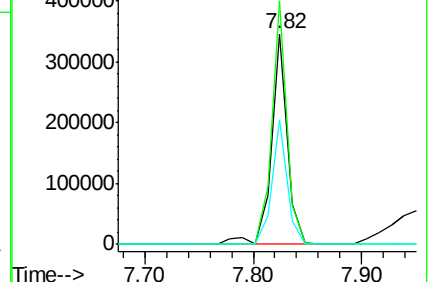
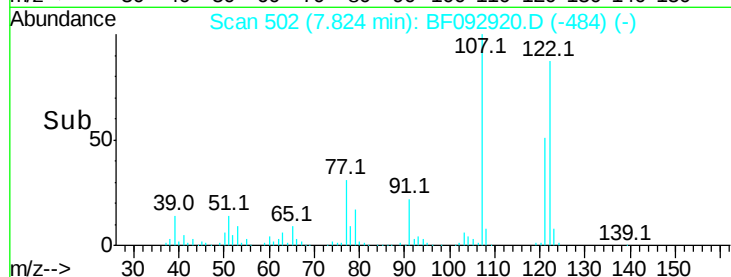
121 59.3 46.0 69.0



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: 32.19 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

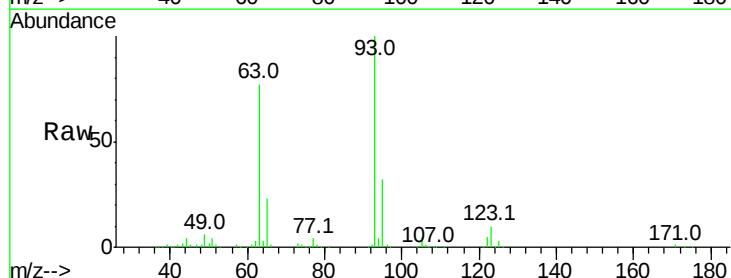
Tgt Ion: 93 Resp: 458145

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

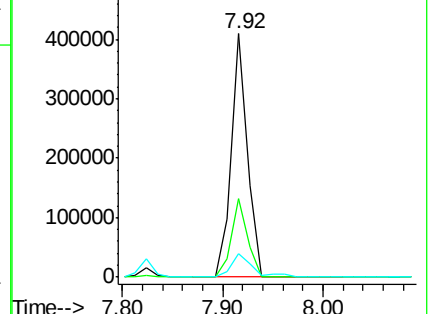
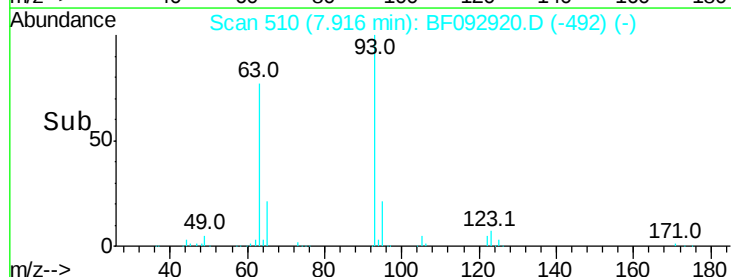
123 9.8 8.6 13.0

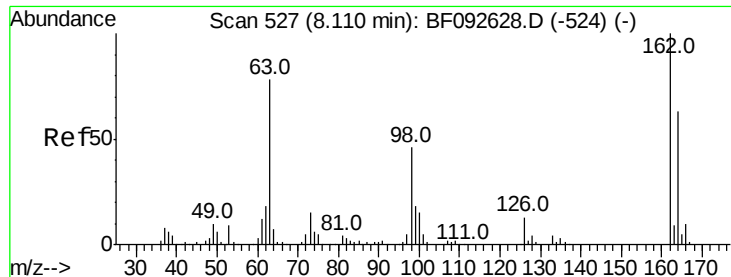


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

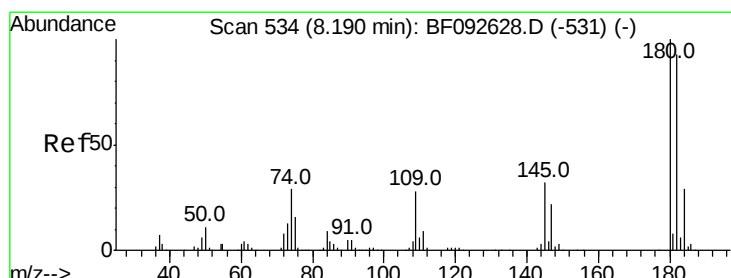
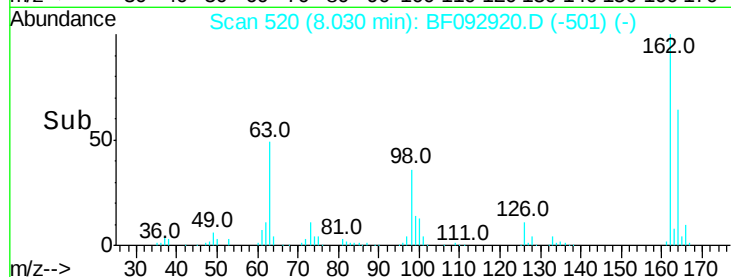
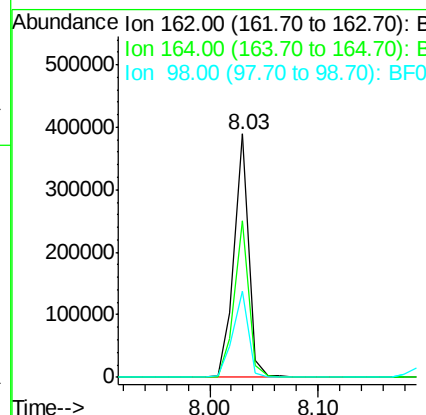
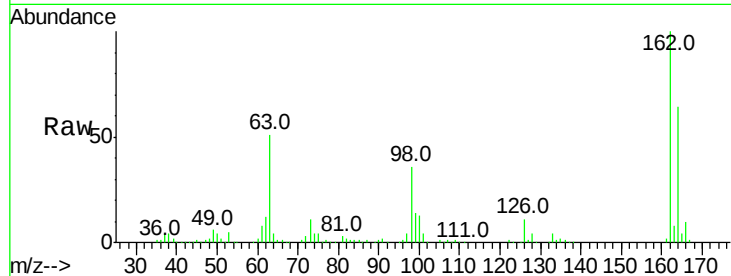




#29
 2,4-Dichlorophenol
 Concen: 39.45 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

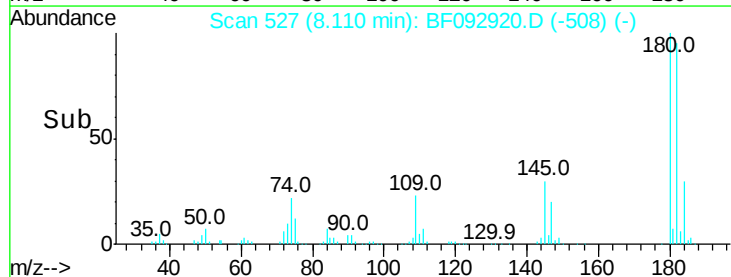
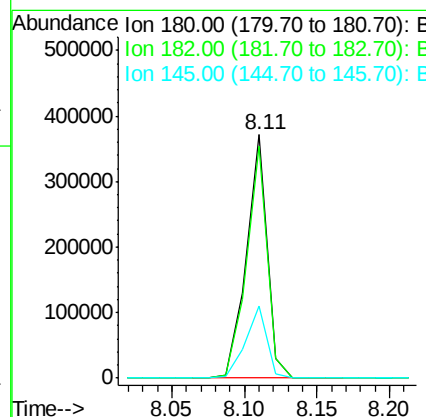
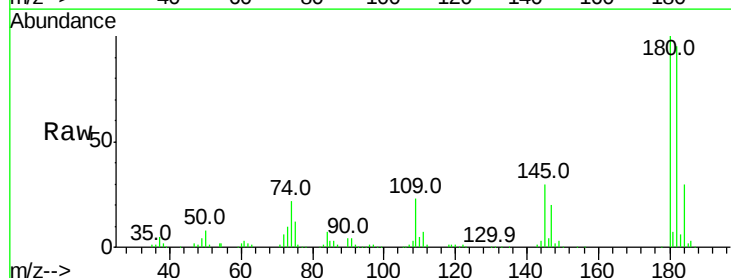
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	35.6	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.97 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.4
145	29.6	21.6	32.4





#31

Naphthalene

Concen: 35.22 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

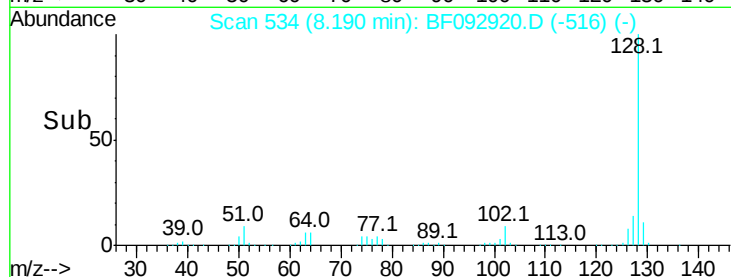
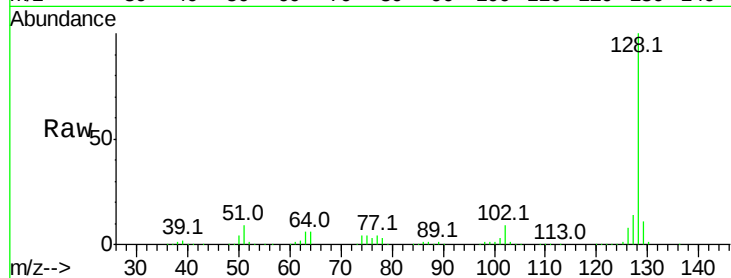
Tot Ion:128 Resp: 1146773

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

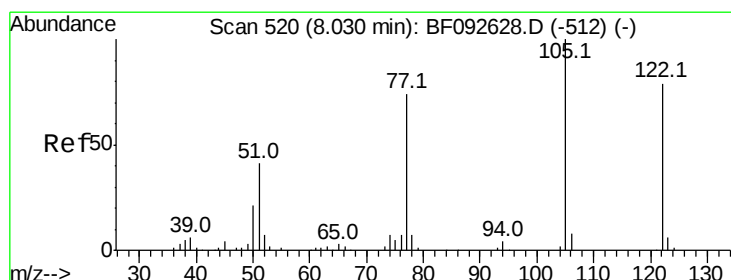
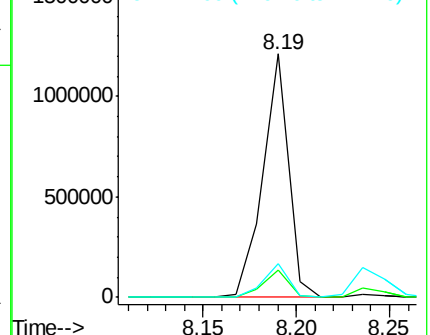
127 13.7 10.8 16.2



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: 31.31 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

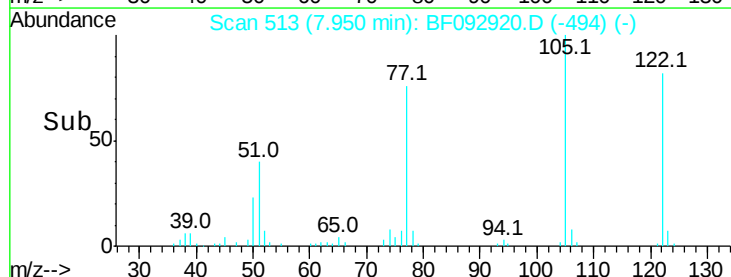
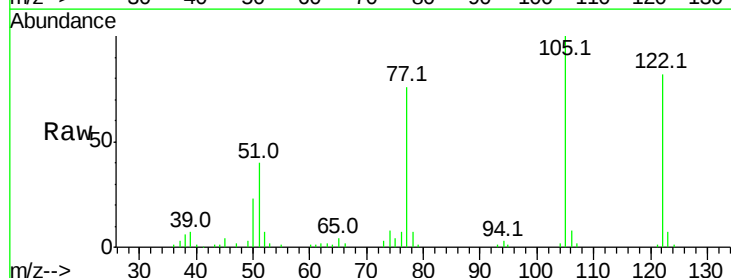
Tgt Ion:122 Resp: 158987

Ion Ratio Lower Upper

122 100

105 122.4 107.2 147.2

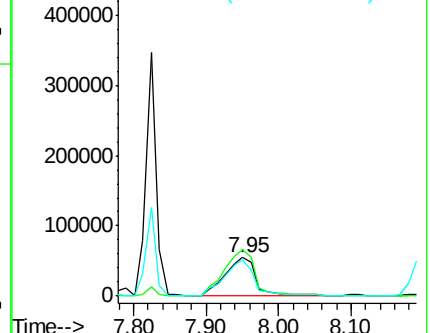
77 93.6 74.5 114.5



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

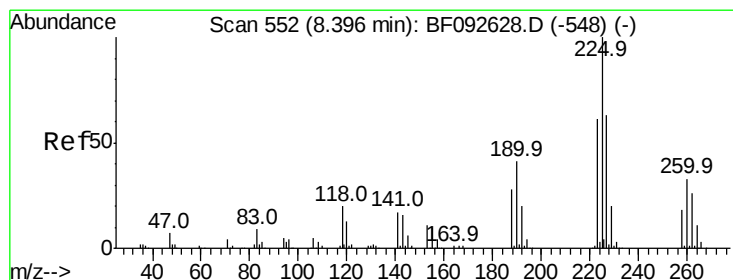
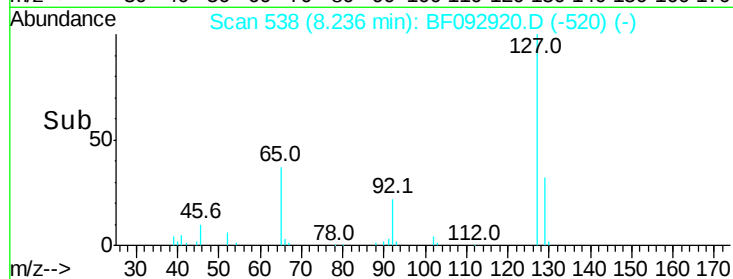
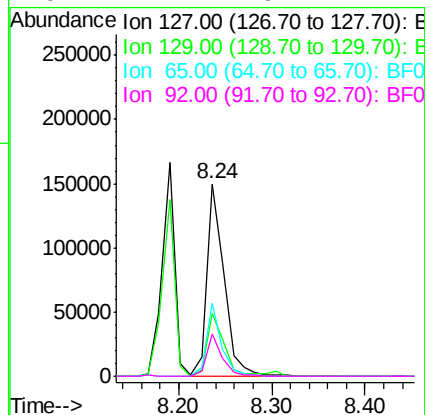
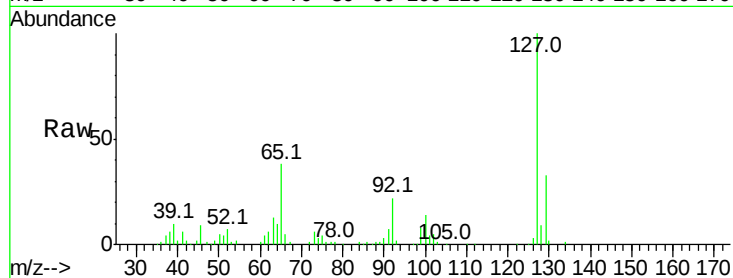




#33
 4-Chloroaniline
 Concen: 15.17 ng
 RT: 8.24 min Scan# 538
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

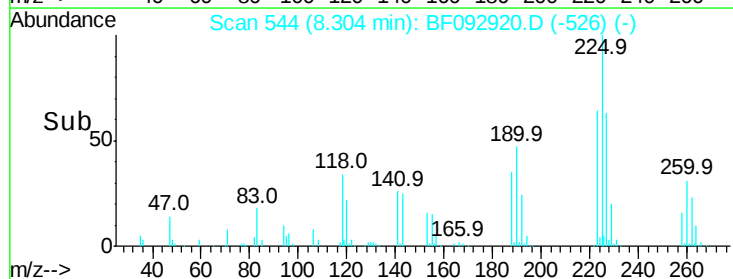
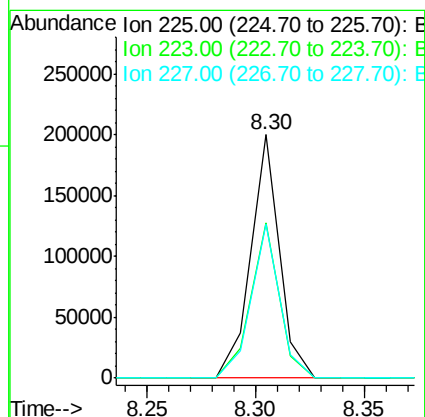
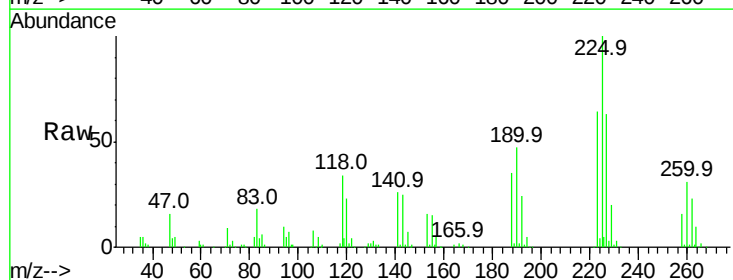
Instrument :
 BNA_F
 ClientSampleId :

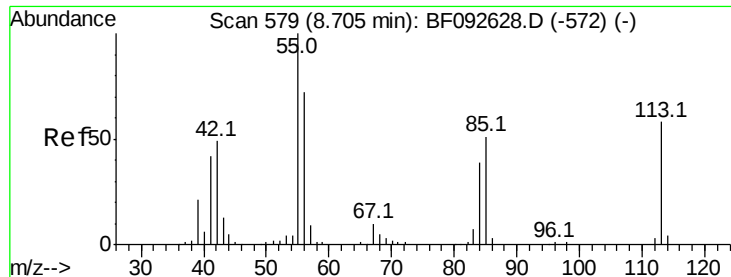
Tot Ion:	127	Resp:	193740
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	37.9	25.8	38.8
92	22.2	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 33.48 ng
 RT: 8.30 min Scan# 544
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:	225	Resp:	183046
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	63.1	50.6	76.0

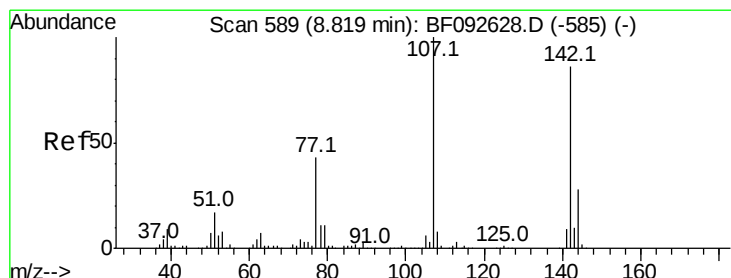
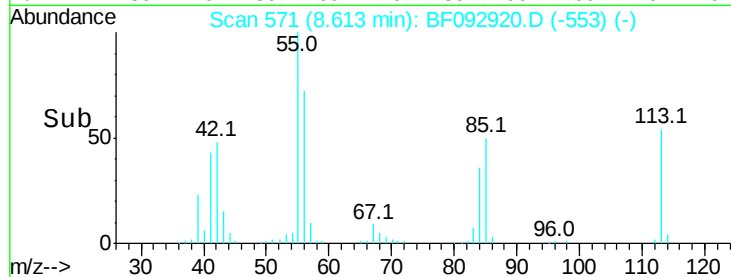
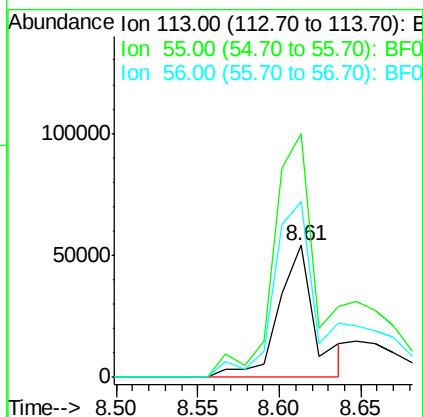
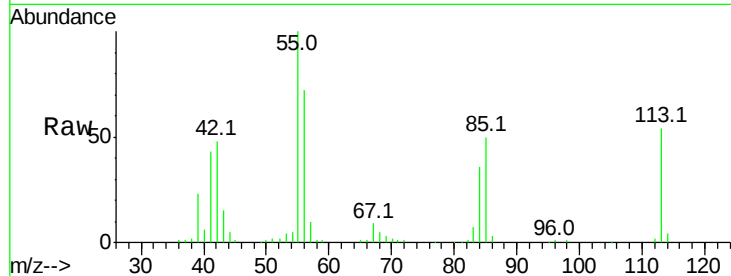




#35
 Caprolactam
 Concen: 29.07 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

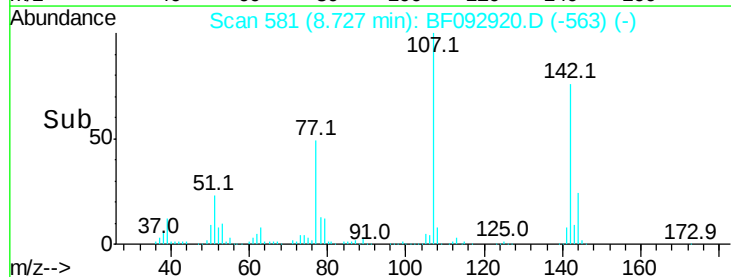
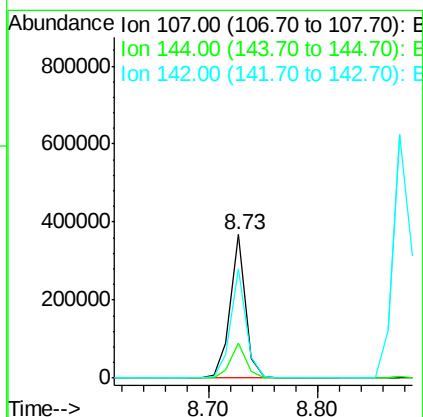
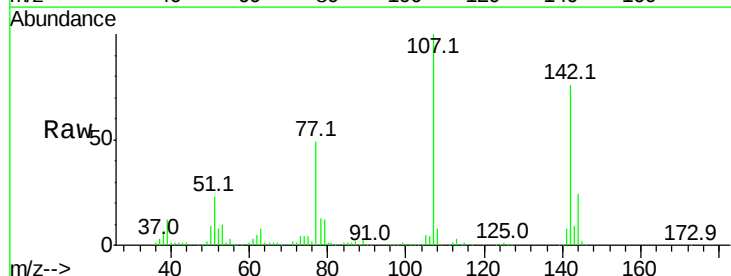
Instrument :
 BNA_F
 ClientSampleId :

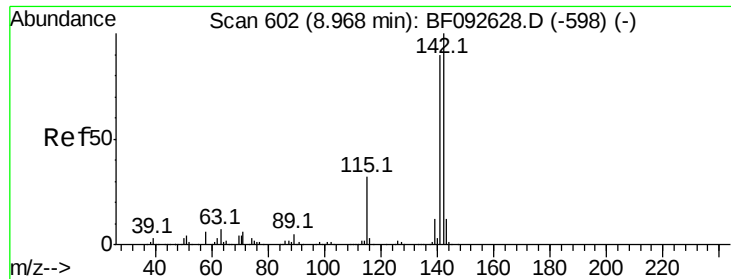
Tot Ion:113 Resp: 84312
 Ion Ratio Lower Upper
 113 100
 55 184.6 119.2 159.2#
 56 133.6 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 37.48 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:107 Resp: 360298
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 76.1 59.0 88.6





#37

2-Methylnaphthalene

Concen: 34.92 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.09 min

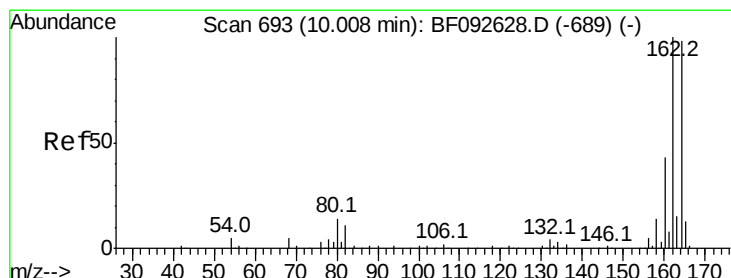
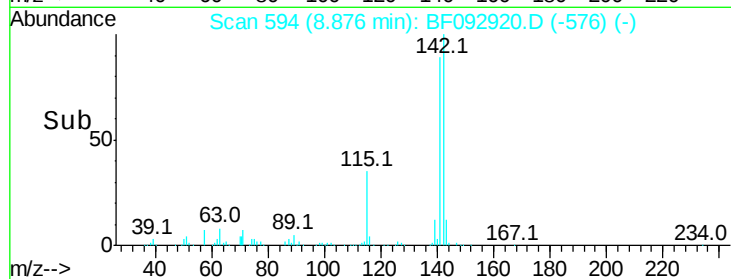
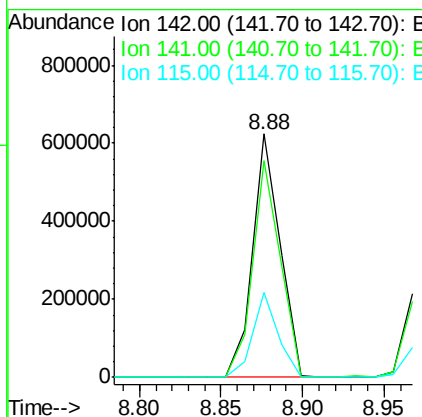
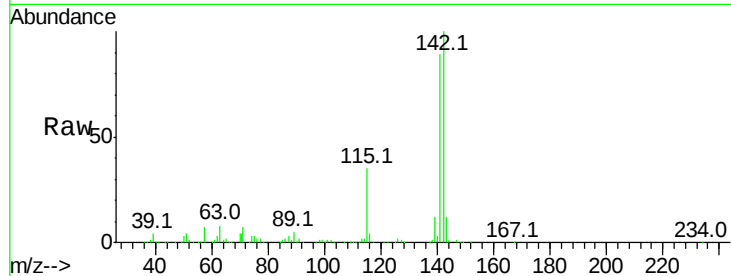
Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 730076

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	34.7	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

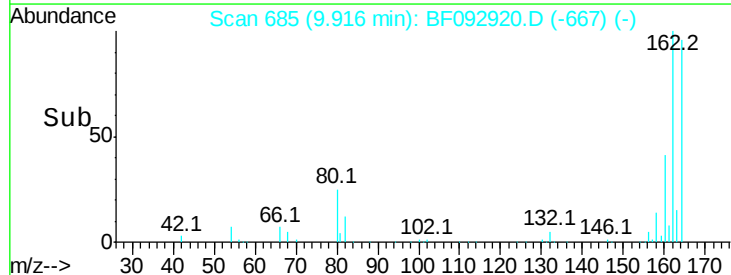
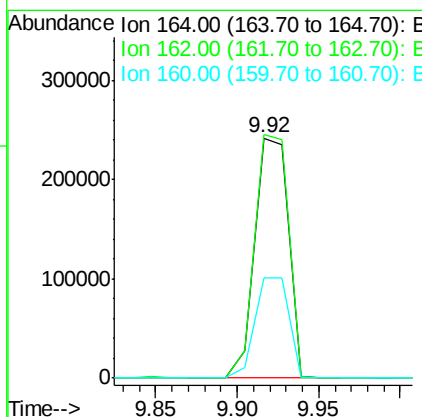
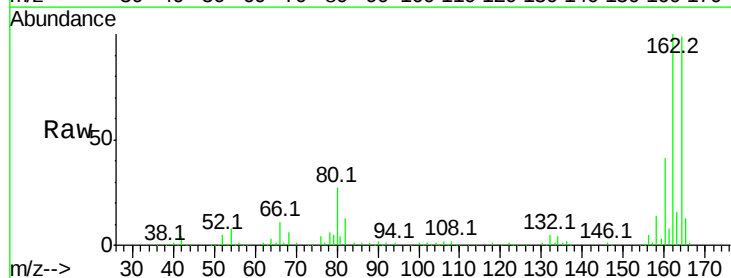
Delta R.T. -0.09 min

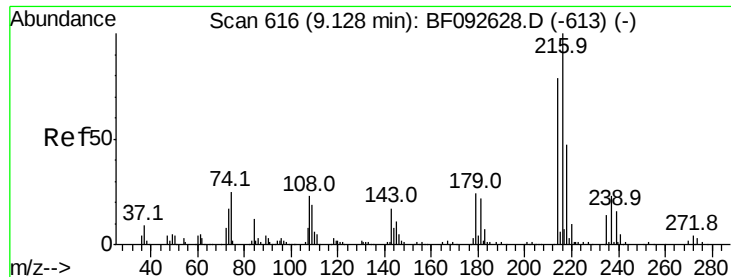
Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:164 Resp: 347498

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	41.8	36.9	55.3

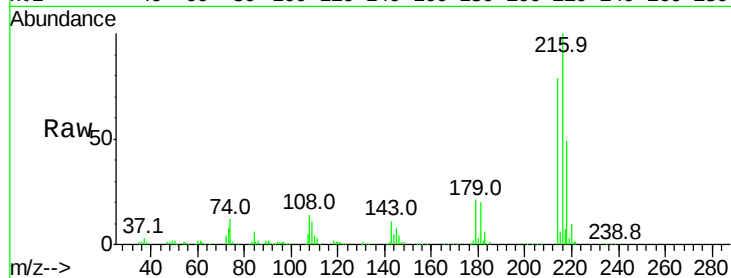




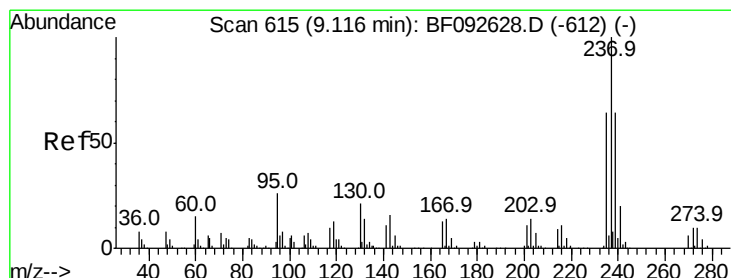
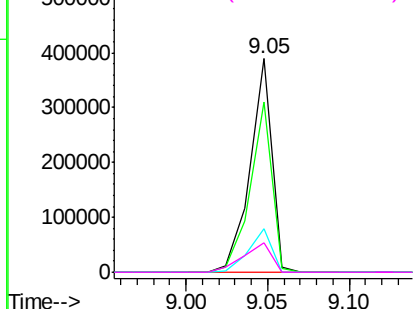
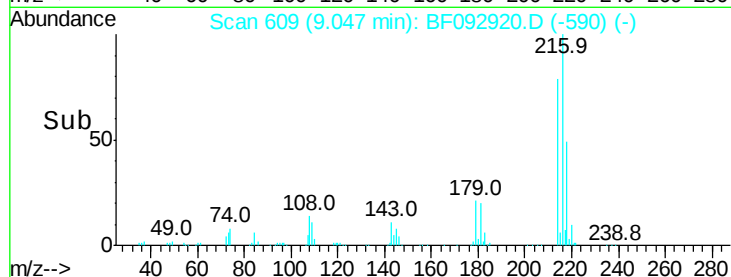
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.13 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	362229
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.5	17.4	26.2
108	18.2	15.6	23.4

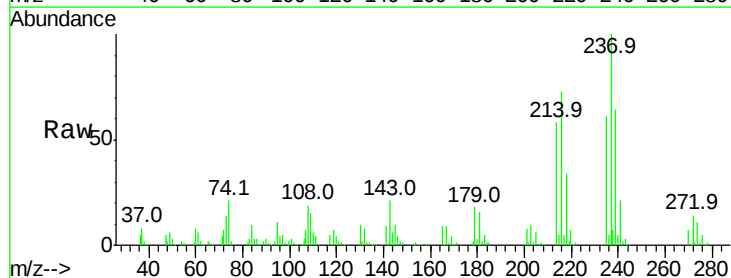


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

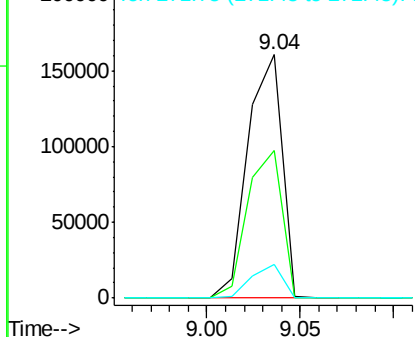
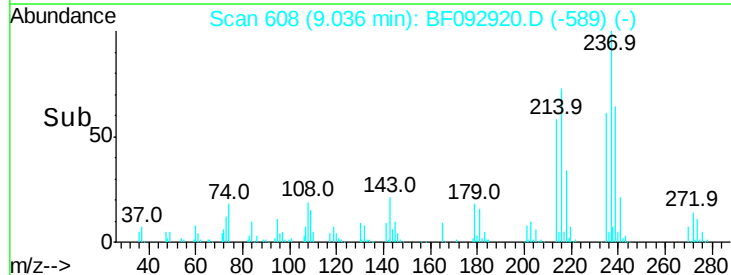


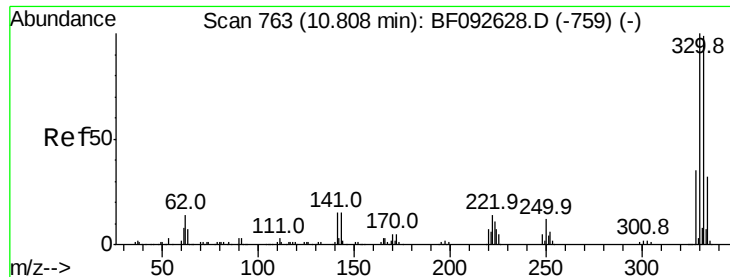
#40
 Hexachlorocyclopentadiene
 Concen: 47.13 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:	237	Resp:	207411
Ion	Ratio	Lower	Upper
237	100		
235	60.9	41.2	81.2
272	13.9	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

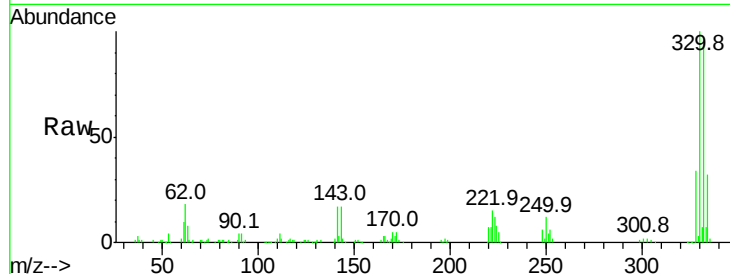




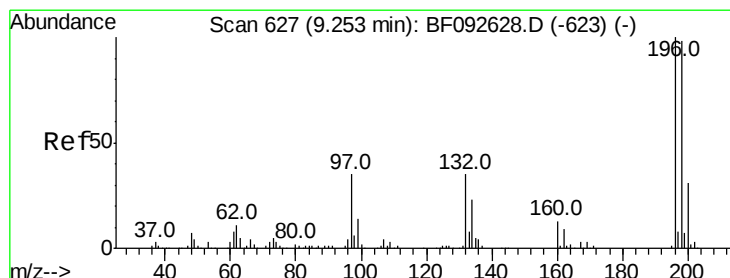
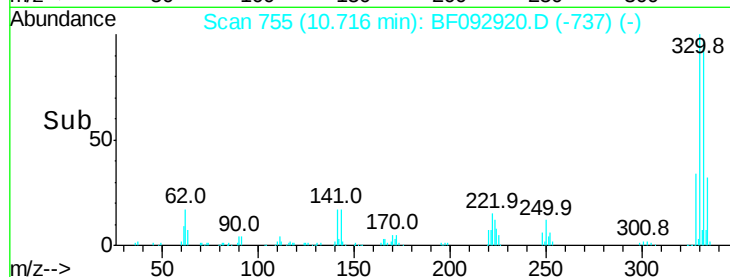
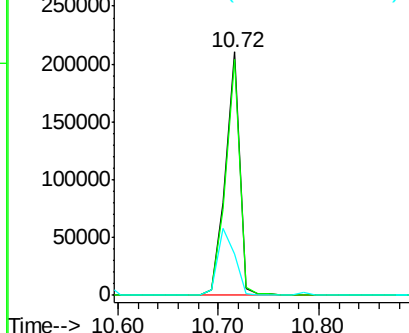
#41
 2,4,6-Tribromophenol
 Concen: 83.60 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	32.9	34.1	51.1#



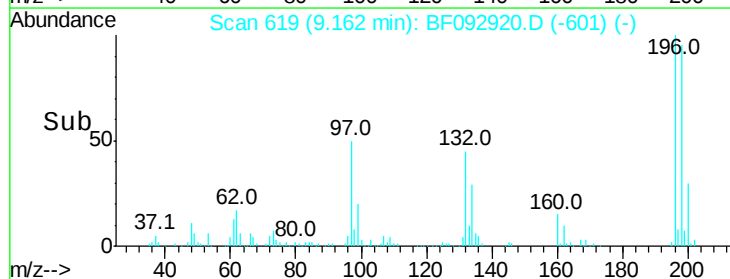
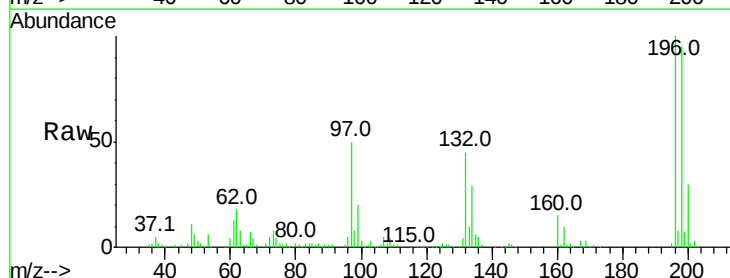
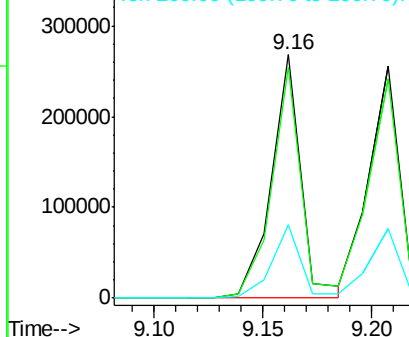
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

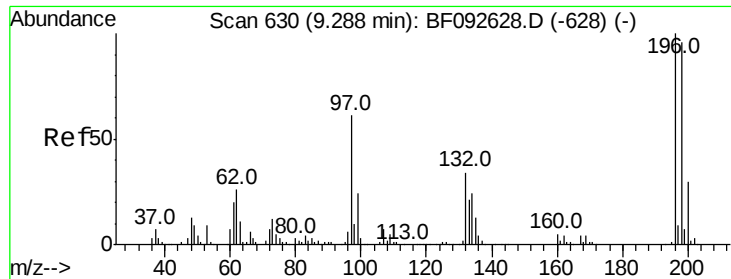


#42
 2,4,6-Trichlorophenol
 Concen: 40.04 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	82.1	123.1
200	30.4	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

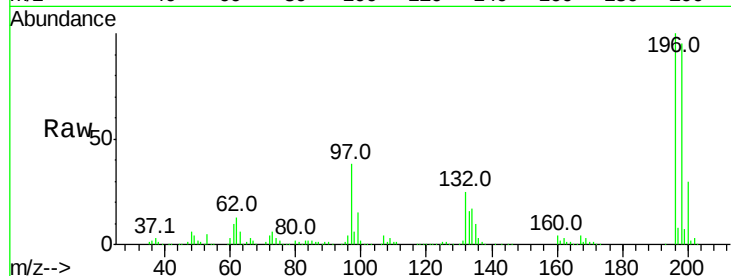




#43
 2,4,5-Trichlorophenol
 Concen: 36.06 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	253255
Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.4	119.2
97	38.3	51.5	77.3#
132	25.3	27.4	41.2#



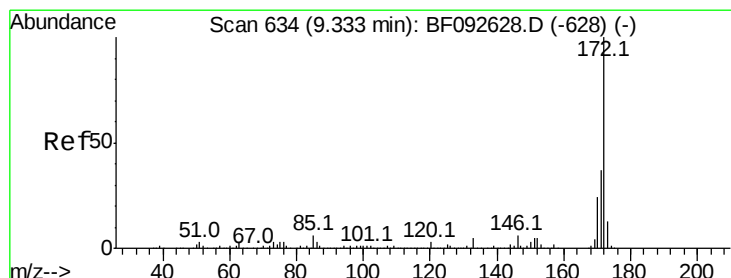
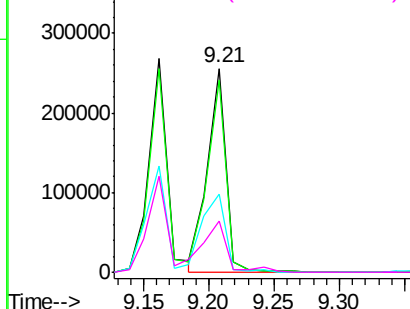
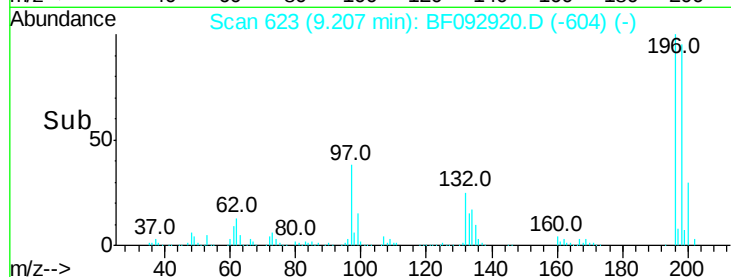
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

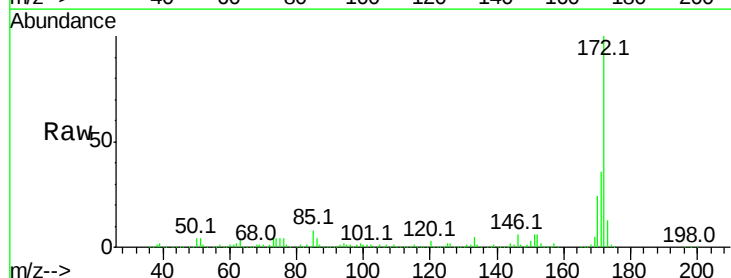
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.44 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:	172	Resp:	1408733
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.1	20.2	30.4

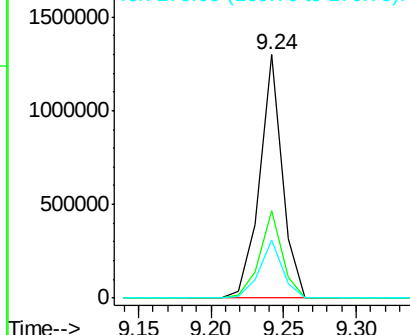
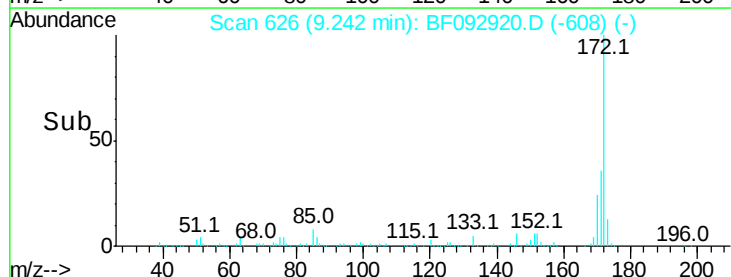


Abundance

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: 37.14 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

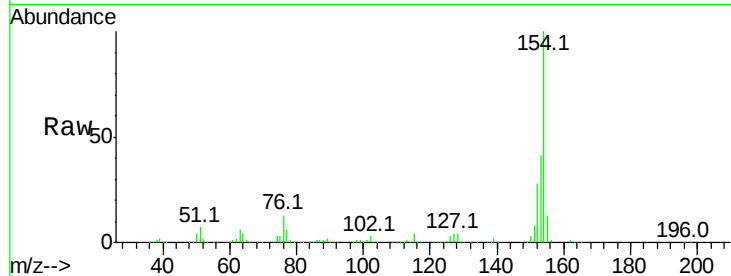
Tot Ion:154 Resp: 934656

Ion Ratio Lower Upper

154 100

153 40.8 20.9 60.9

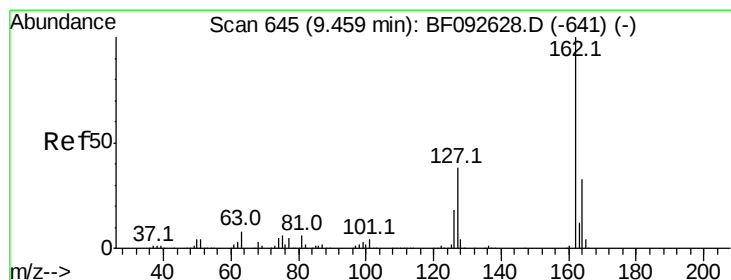
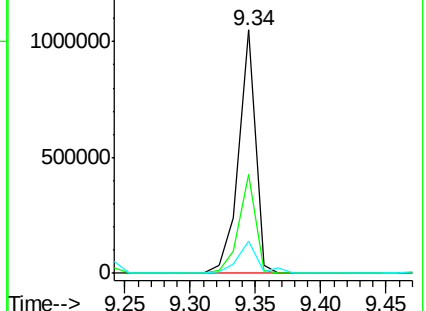
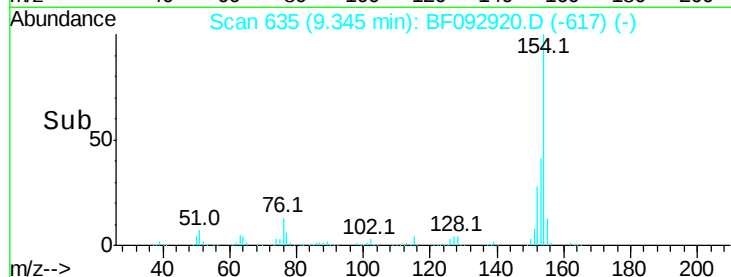
76 13.1 0.0 30.5



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: 35.55 ng

RT: 9.37 min Scan# 637

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

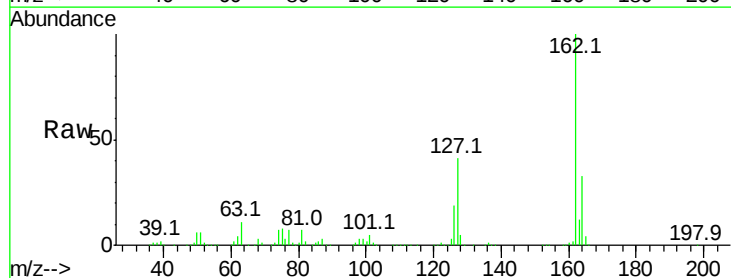
Tgt Ion:162 Resp: 699858

Ion Ratio Lower Upper

162 100

127 40.6 30.7 46.1

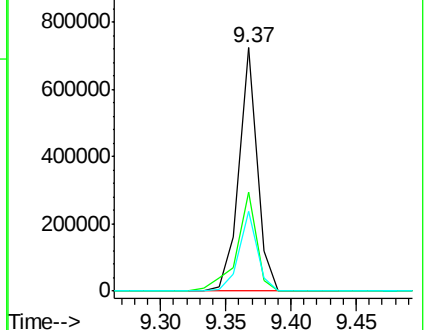
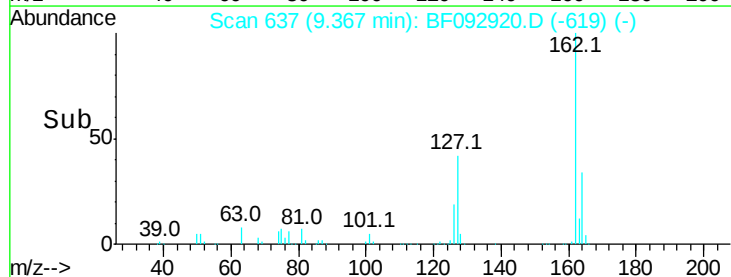
164 33.0 27.6 41.4

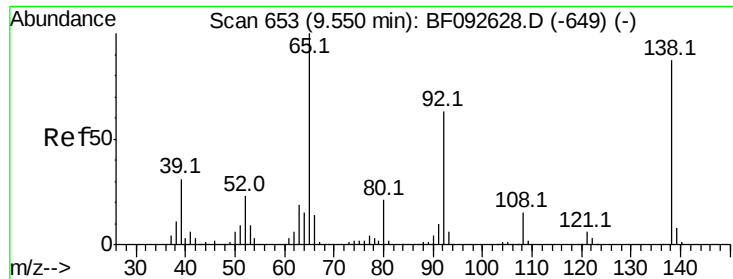


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

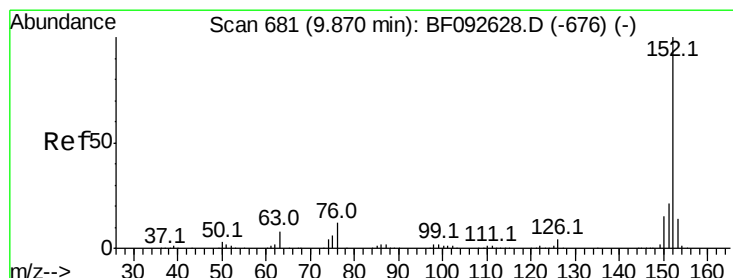
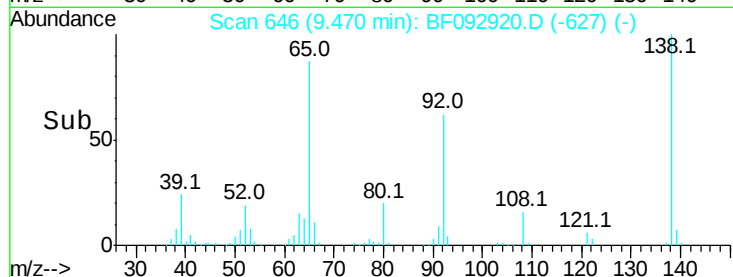
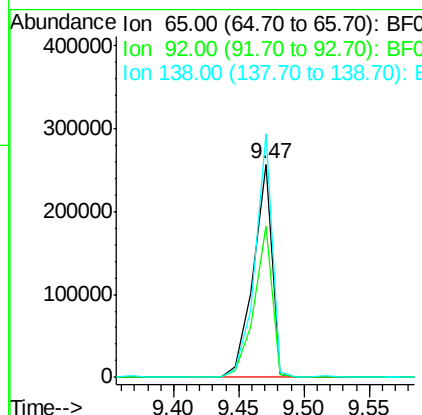
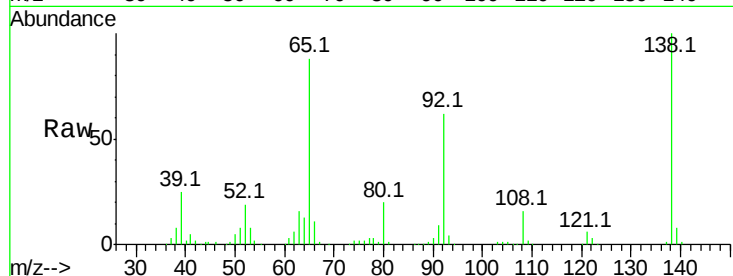




#47
 2-Nitroaniline
 Concen: 38.98 ng
 RT: 9.47 min Scan# 646
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

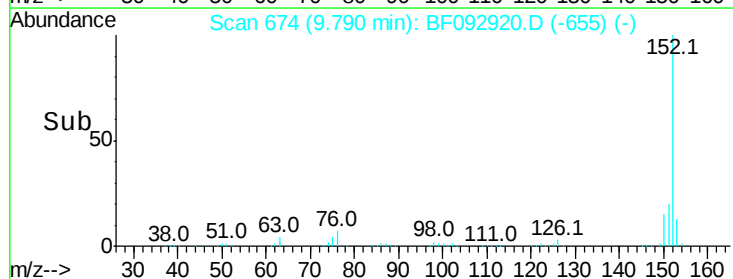
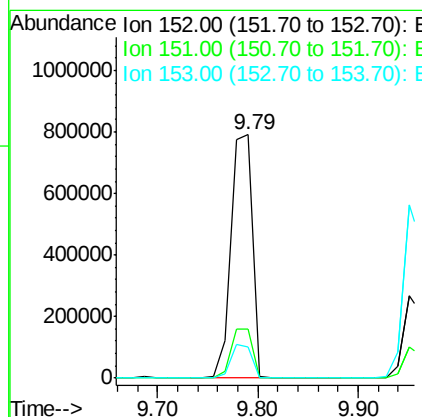
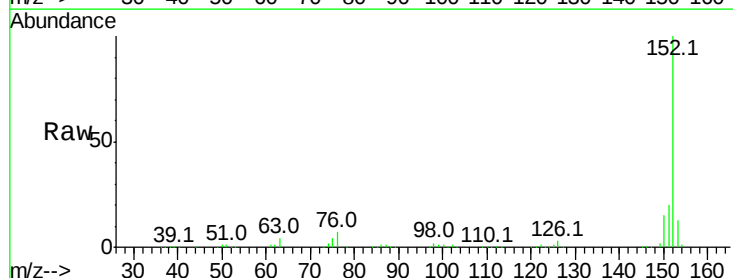
Instrument :
 BNA_F
 ClientSampleId :

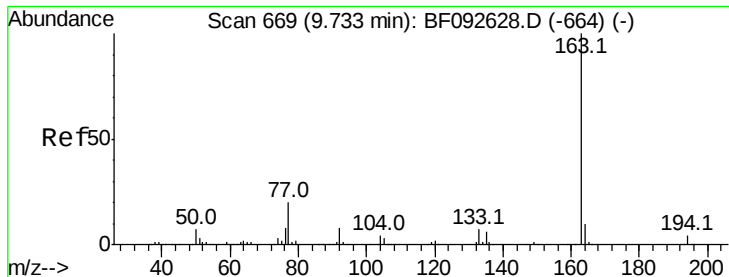
Tot Ion: 65 Resp: 257976
 Ion Ratio Lower Upper
 65 100
 92 71.0 53.9 80.9
 138 114.2 76.8 115.2



#48
 Acenaphthylene
 Concen: 34.34 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion: 152 Resp: 1167553
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.9 25.3
 153 13.0 11.4 17.2





#49

Dimethylphthalate

Concen: 37.37 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampled :

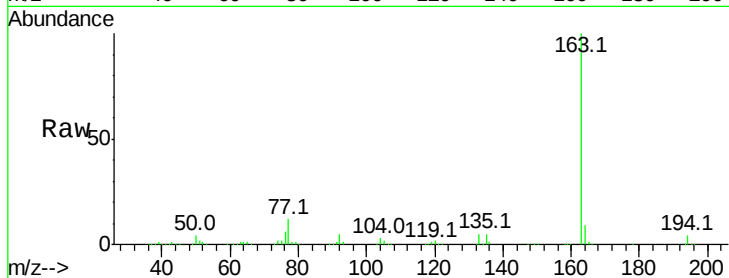
Tot Ion:163 Resp: 874655

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

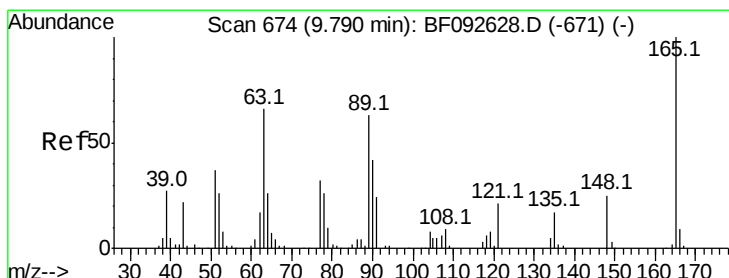
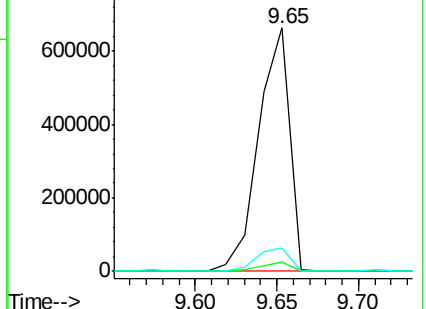
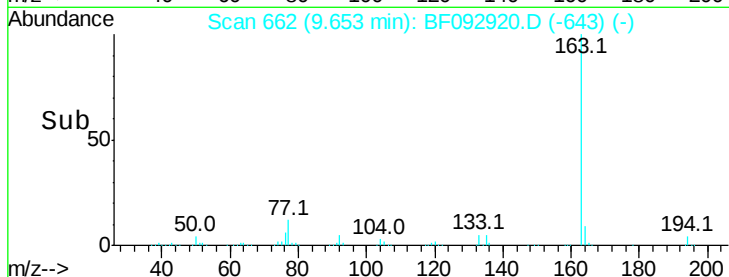
164 9.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.52 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

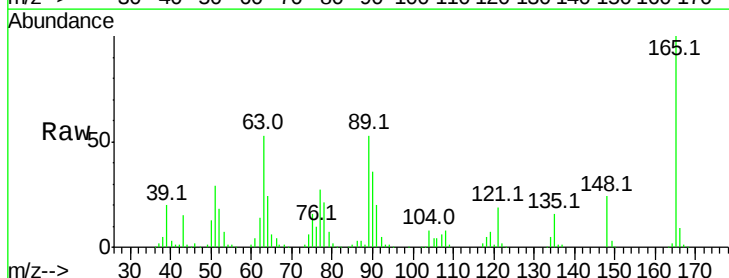
Tgt Ion:165 Resp: 199783

Ion Ratio Lower Upper

165 100

63 53.4 36.2 54.4

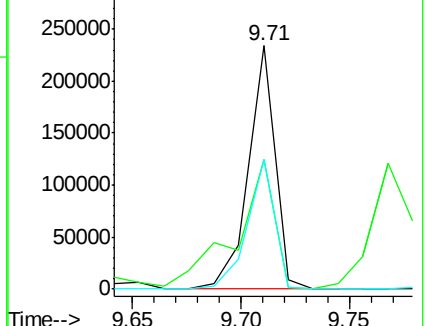
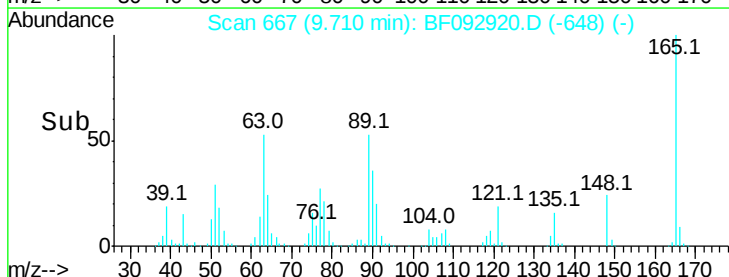
89 53.2 40.2 60.4

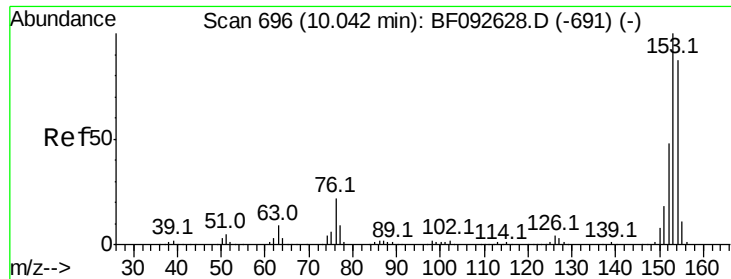


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.07 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

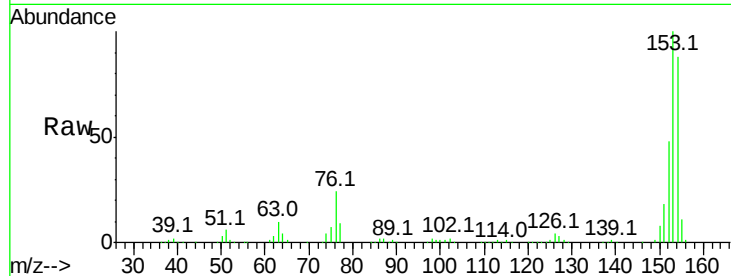
Tot Ion:154 Resp: 773929

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

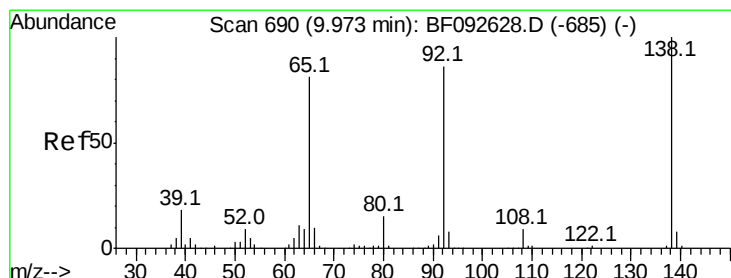
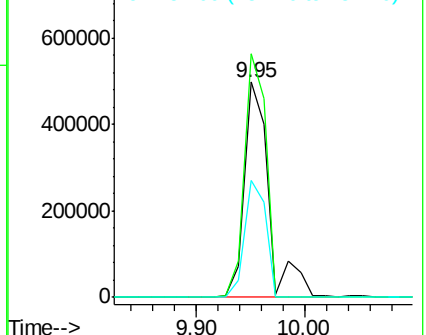
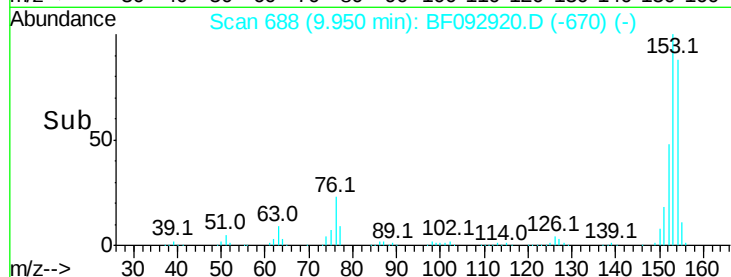
152 54.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.72 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

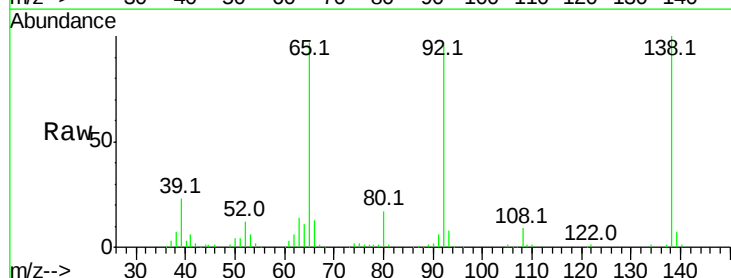
Tgt Ion:138 Resp: 137195

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

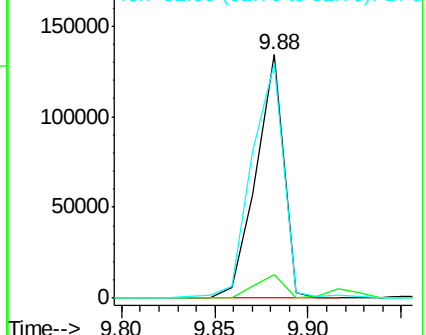
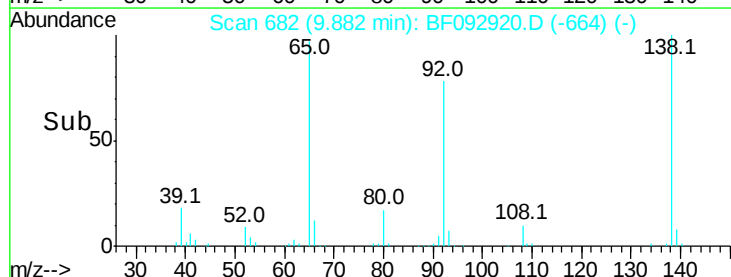
92 96.4 97.8 146.8#

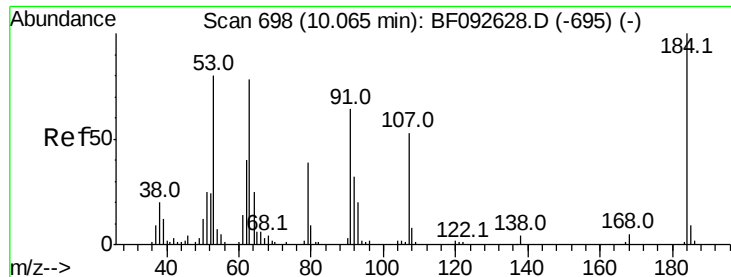


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

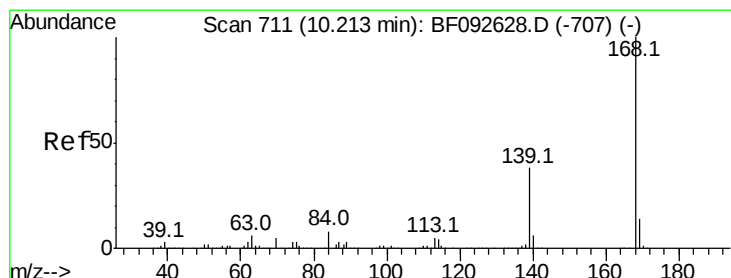
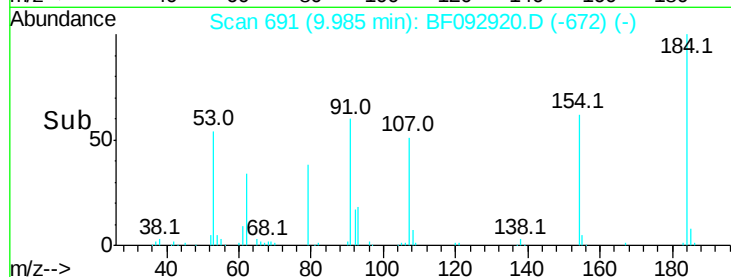
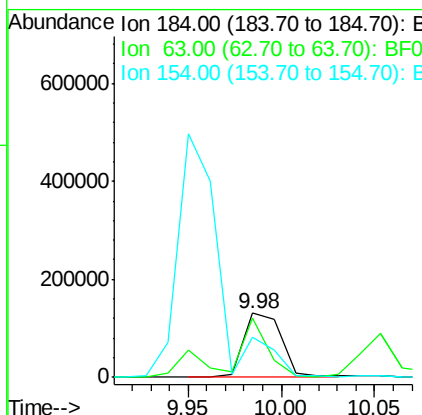
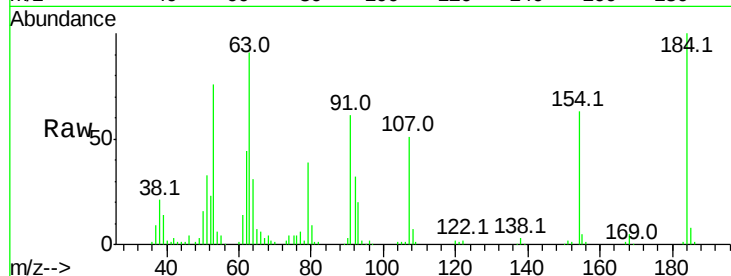




#53
 2,4-Dinitrophenol
 Concen: 72.66 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

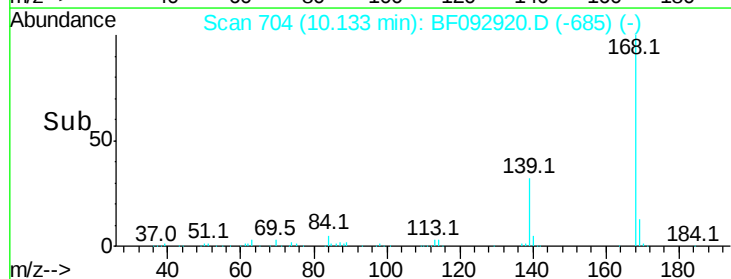
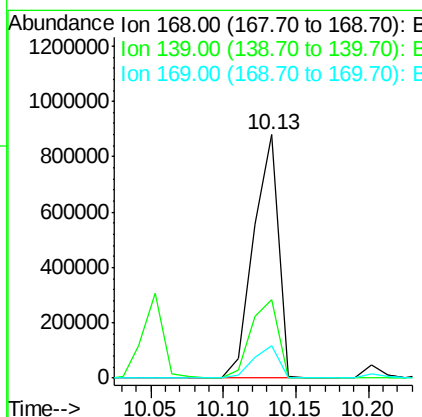
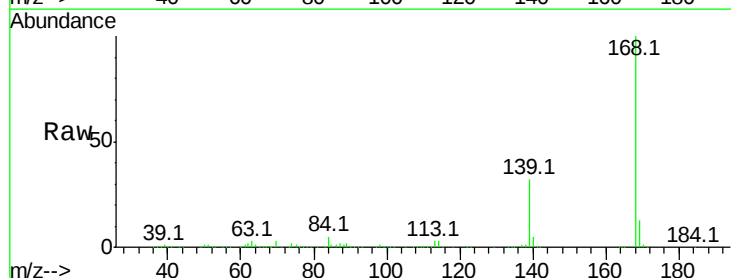
Instrument :
 BNA_F
 ClientSampled :

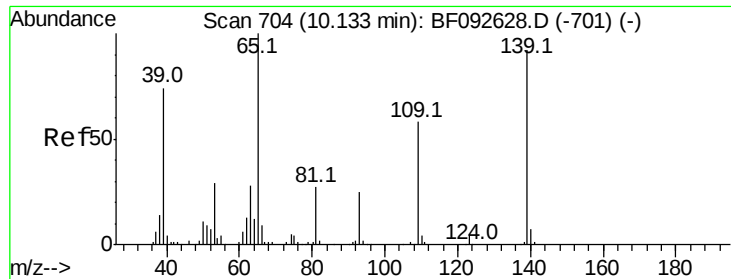
Tot Ion:184 Resp: 185660
 Ion Ratio Lower Upper
 184 100
 63 91.4 28.4 42.6#
 154 62.8 44.3 66.5



#54
 Dibenzofuran
 Concen: 38.35 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:168 Resp: 1042713
 Ion Ratio Lower Upper
 168 100
 139 32.1 32.6 49.0#
 169 13.3 11.3 16.9





#55

4-Nitrophenol

Concen: 74.74 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

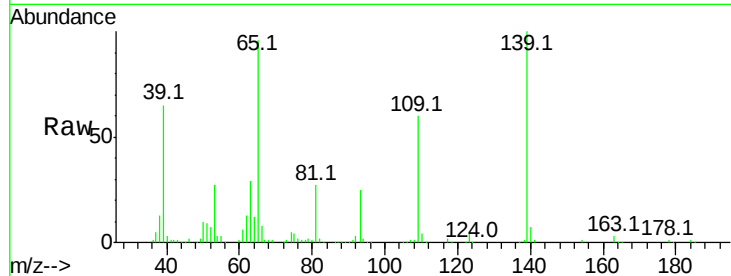
Tot Ion:139 Resp: 311421

Ion Ratio Lower Upper

139 100

109 60.4 52.2 92.2

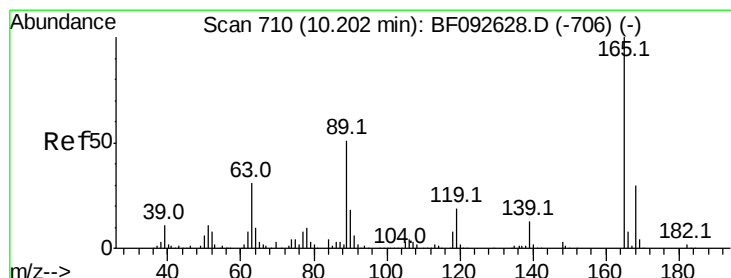
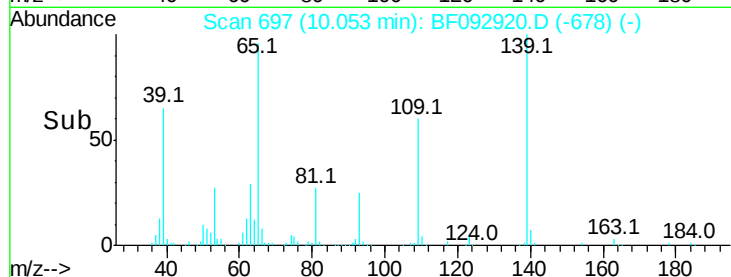
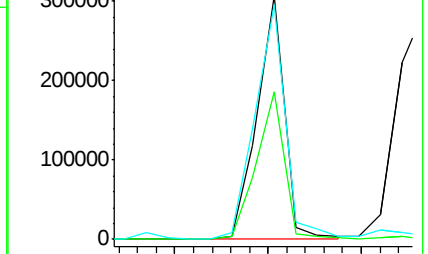
65 96.2 85.8 125.8



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: 37.40 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:165 Resp: 251722

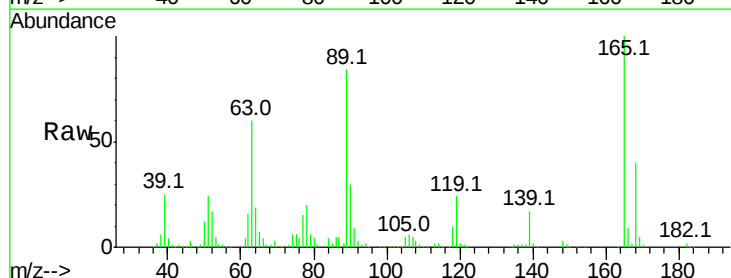
Ion Ratio Lower Upper

165 100

63 59.7 40.2 60.4

89 84.0 62.5 93.7

182 2.5 1.8 2.8

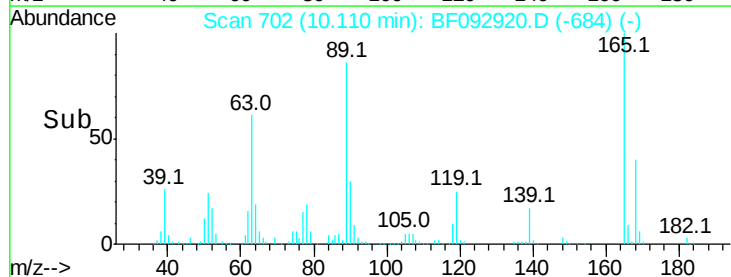
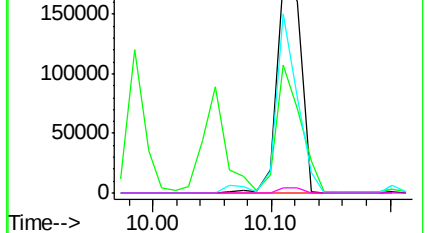


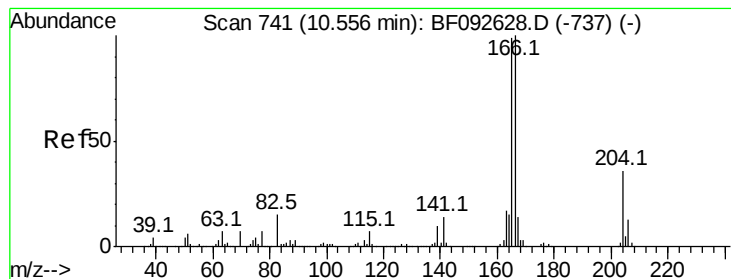
Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.81 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

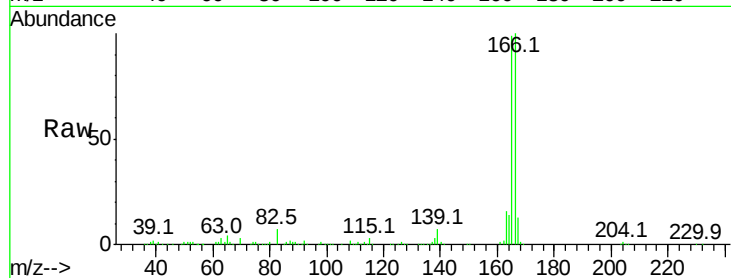
Tot Ion:166 Resp: 749162

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

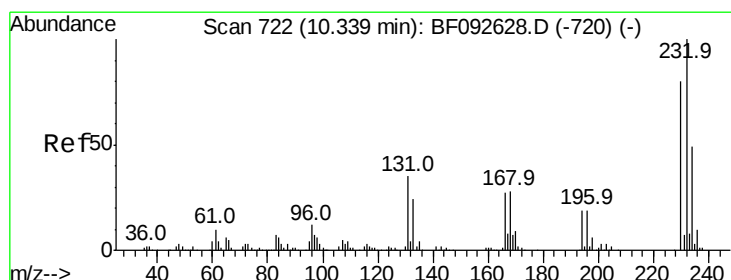
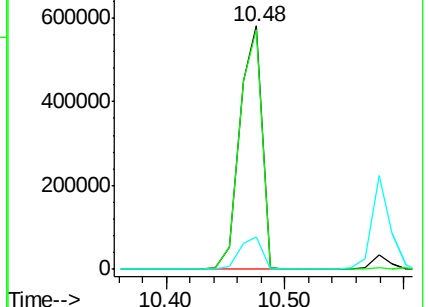
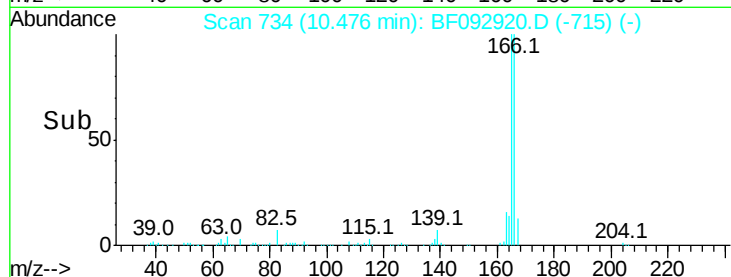
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.50 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:232 Resp: 199106

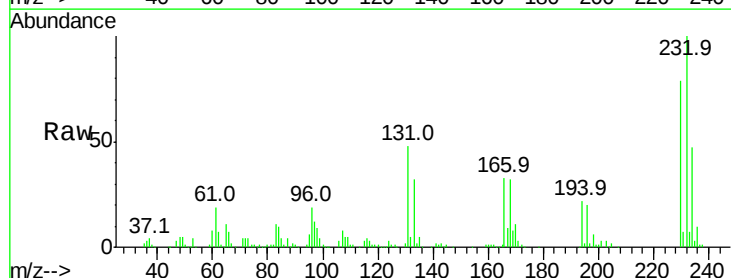
Ion Ratio Lower Upper

232 100

131 48.5 40.1 60.1

130 2.3 1.8 2.8

166 32.6 26.6 39.8

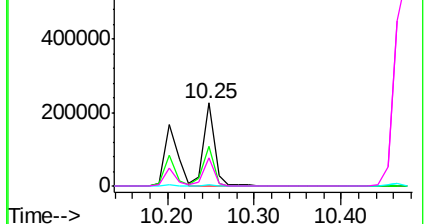
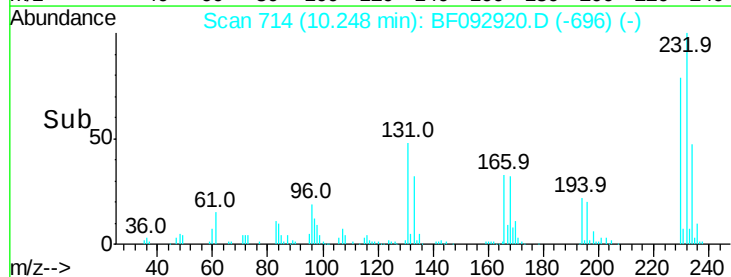


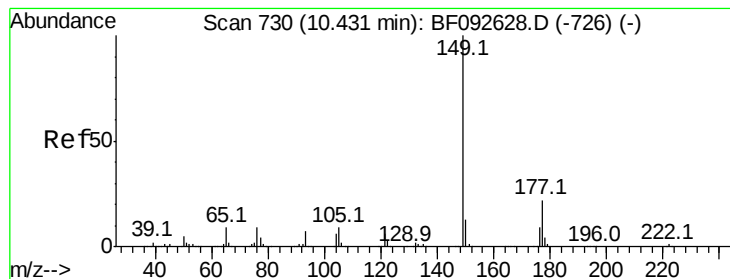
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.86 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampled :

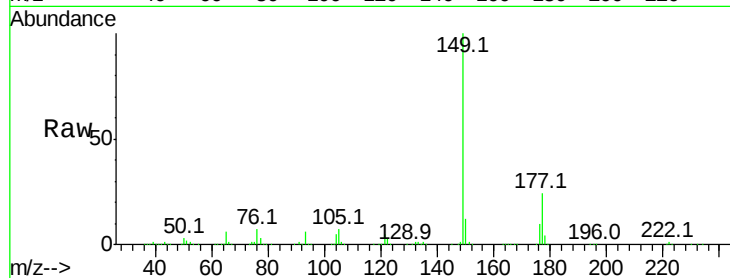
Tot Ion:149 Resp: 835164

Ion Ratio Lower Upper

149 100

177 24.5 16.6 25.0

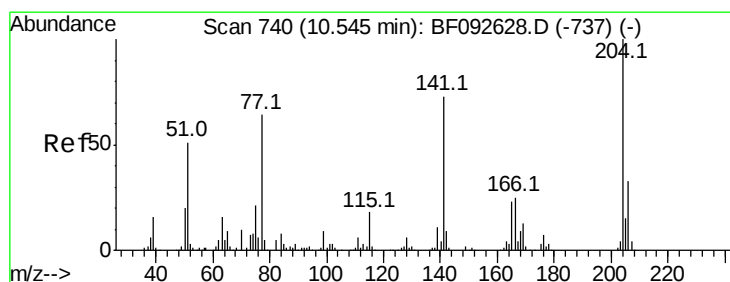
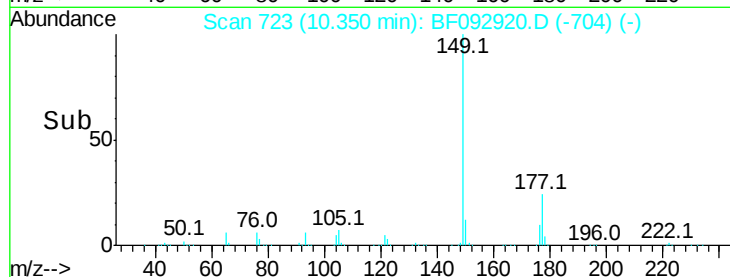
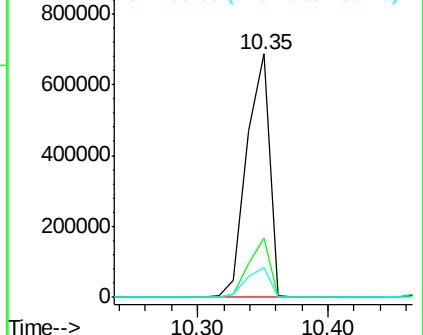
150 12.2 10.4 15.6



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: 36.82 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

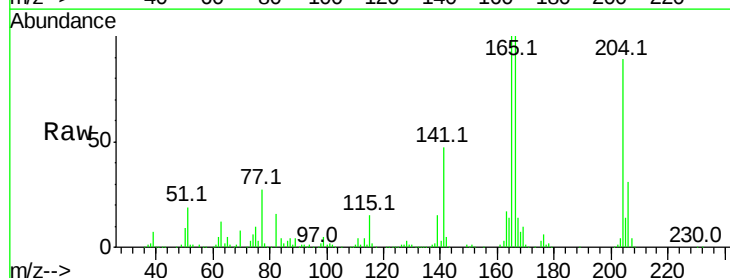
Tgt Ion:204 Resp: 370040

Ion Ratio Lower Upper

204 100

206 34.9 25.8 38.6

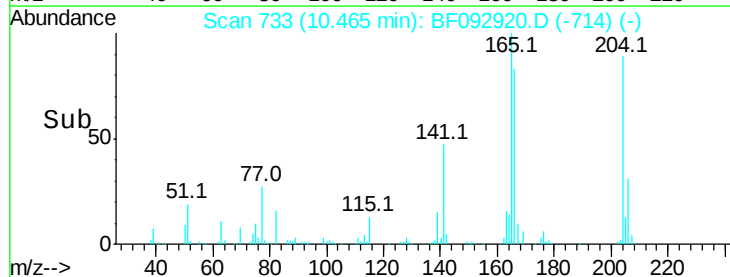
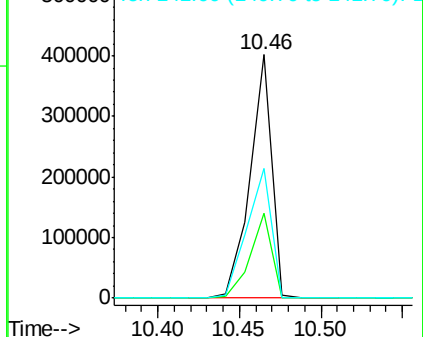
141 53.0 59.4 89.0#

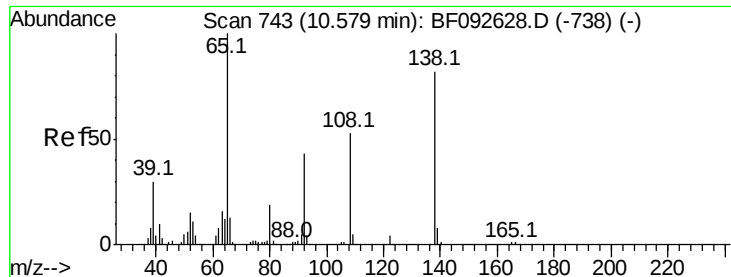


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

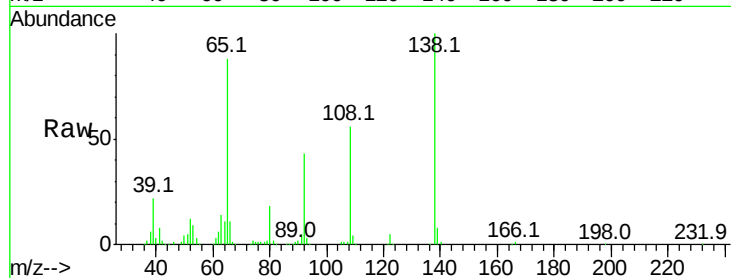




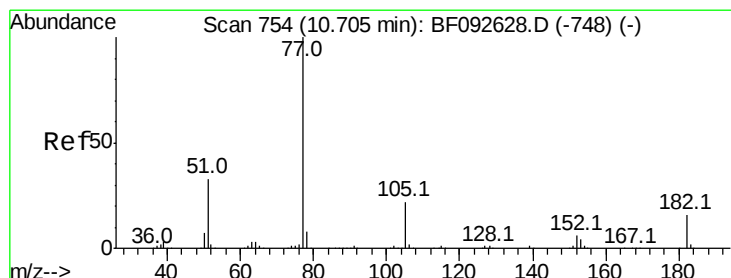
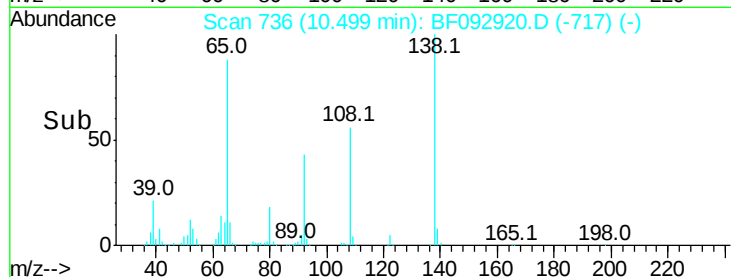
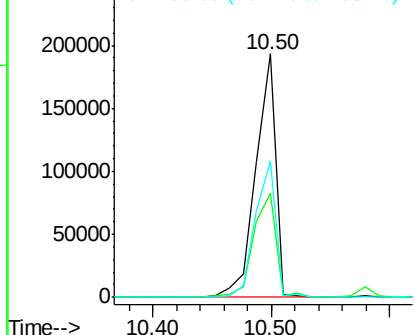
#61
4-Nitroaniline
Concen: 38.51 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 228187
Ion Ratio Lower Upper
138 100
92 42.7 31.7 71.7
108 56.0 52.6 92.6

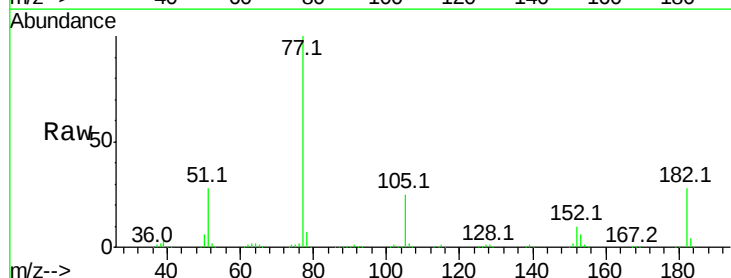


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

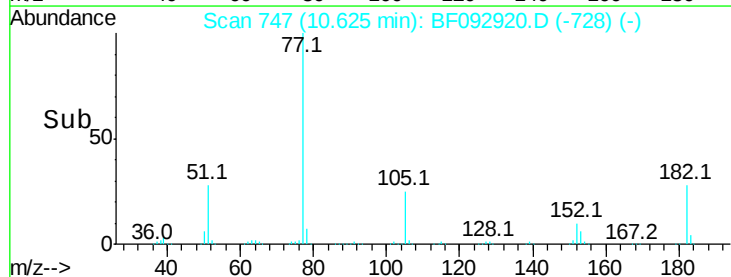
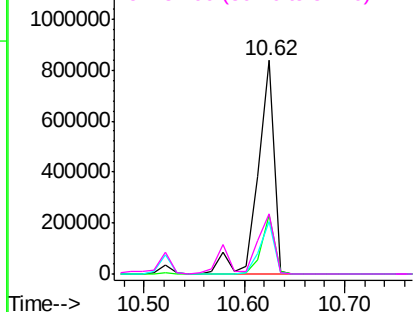


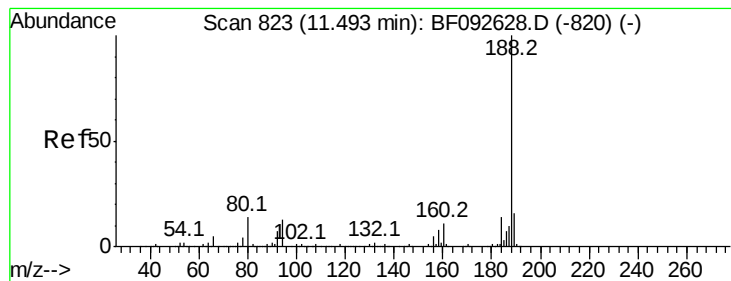
#62
Azobenzene
Concen: 41.25 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.08 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion: 77 Resp: 940076
Ion Ratio Lower Upper
77 100
182 27.8 0.0 39.3
105 24.8 2.3 42.3
51 28.5 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

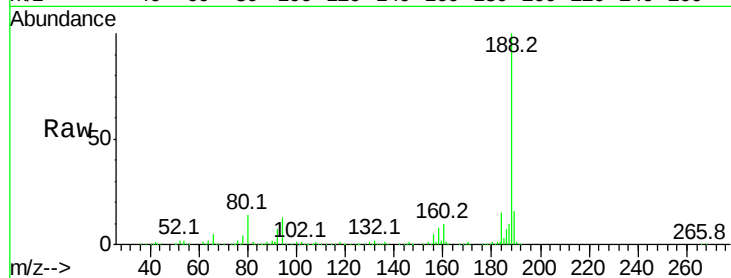
Tot Ion:188 Resp: 554678

Ion Ratio Lower Upper

188 100

94 13.3 10.0 15.0

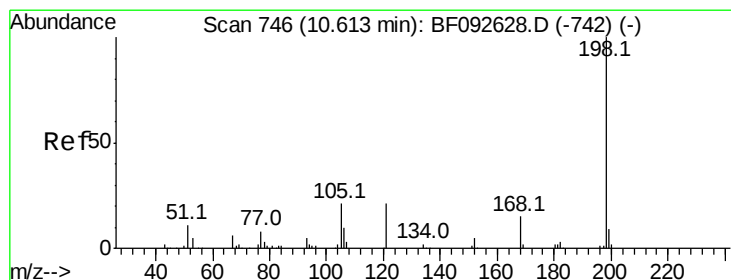
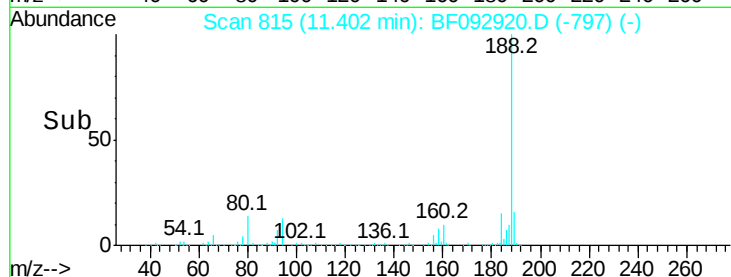
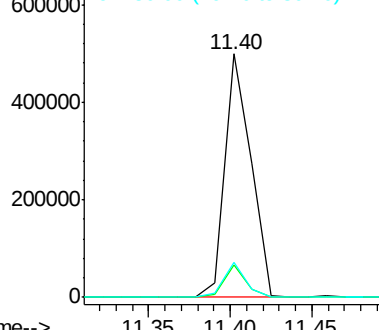
80 14.3 11.2 16.8



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: 39.66 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

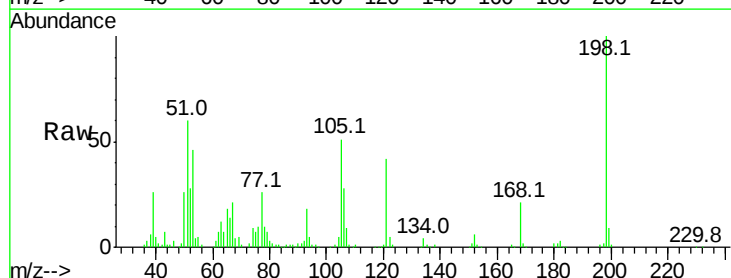
Tgt Ion:198 Resp: 132261

Ion Ratio Lower Upper

198 100

51 59.7 6.7 46.7#

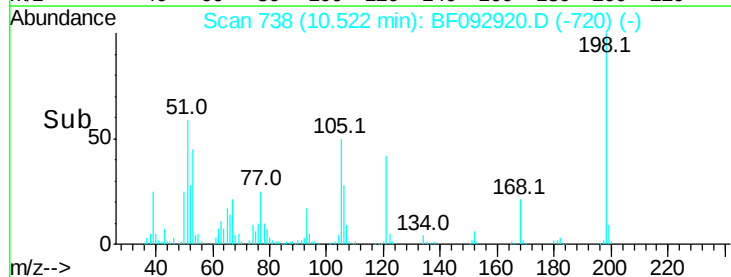
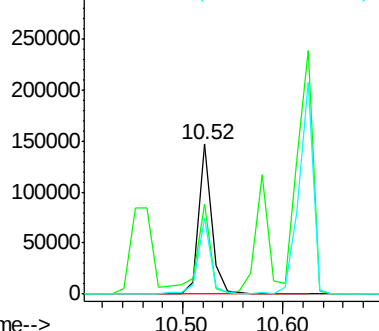
105 50.9 16.6 56.6

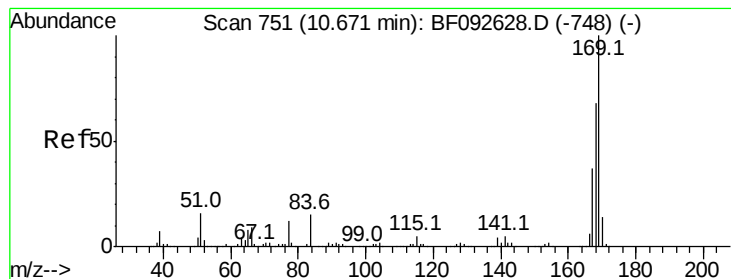


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.50 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

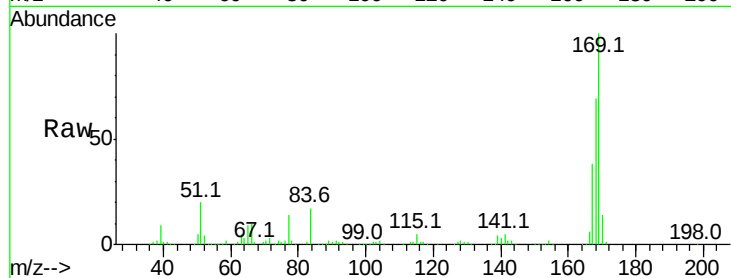
Tot Ion:169 Resp: 628970

Ion Ratio Lower Upper

169 100

168 69.3 54.2 81.2

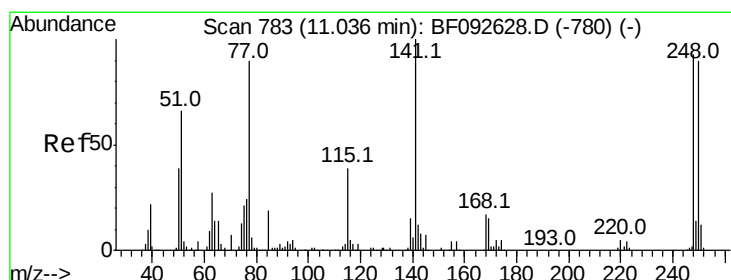
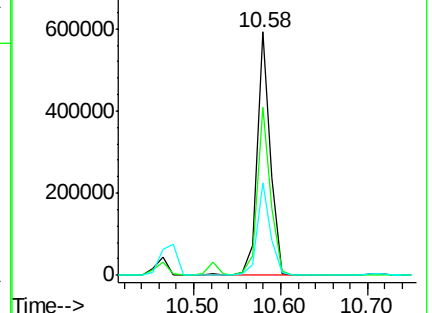
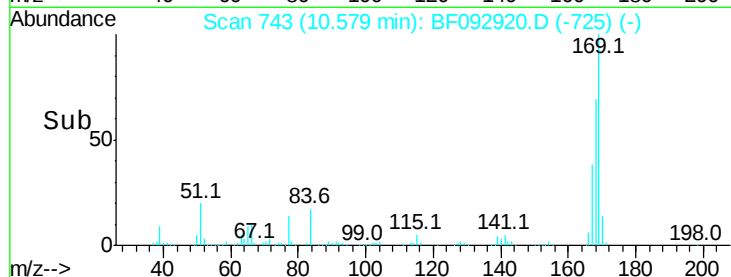
167 38.0 30.2 45.4



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: 37.91 ng

RT: 10.96 min Scan# 776

Delta R.T. -0.08 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

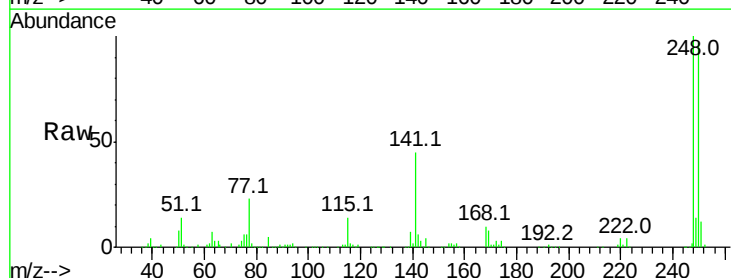
Tgt Ion:248 Resp: 219701

Ion Ratio Lower Upper

248 100

250 96.7 76.9 115.3

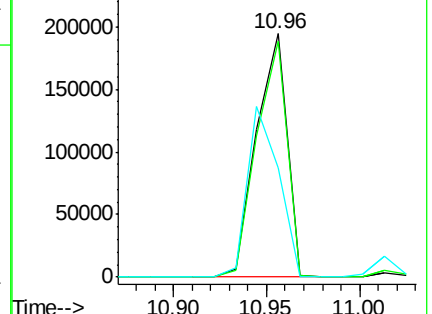
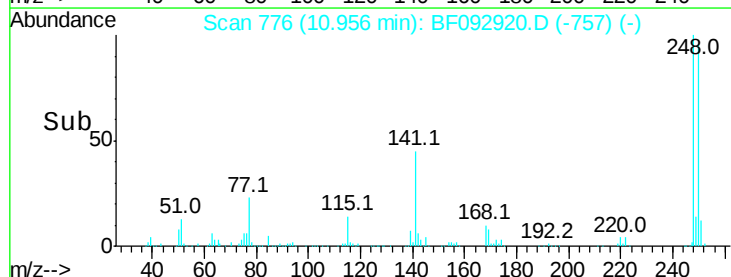
141 44.9 68.2 102.4#

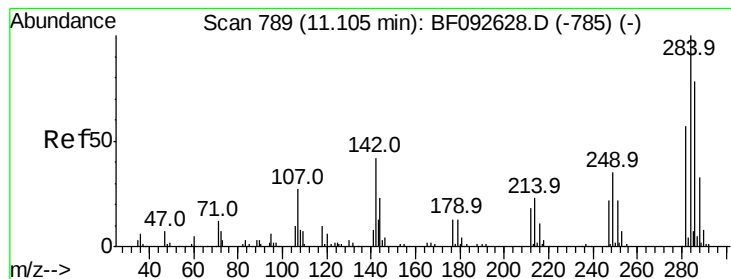


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

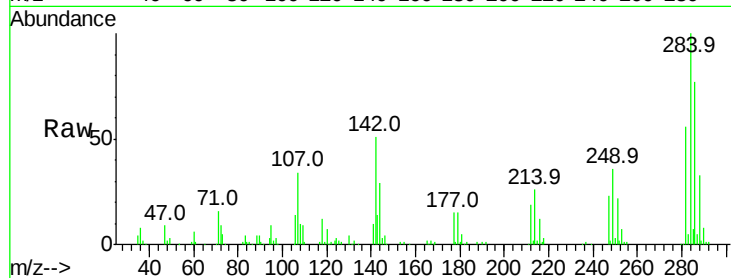




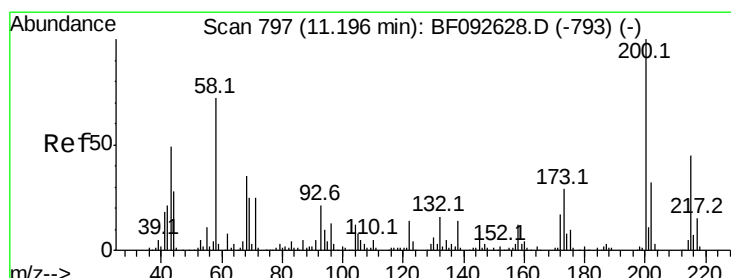
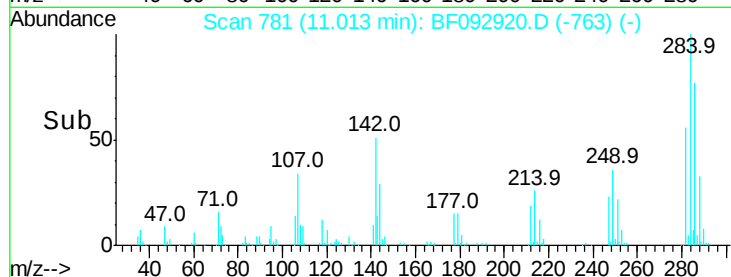
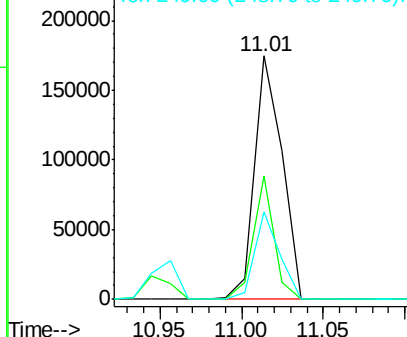
#67
Hexachlorobenzene
Concen: 35.67 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 204248
Ion Ratio Lower Upper
284 100
142 50.7 22.6 33.8#
249 36.2 25.4 38.0

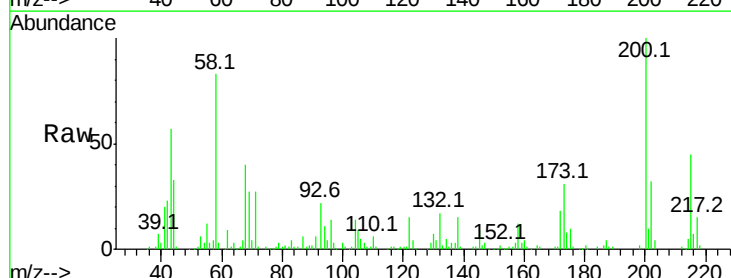


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

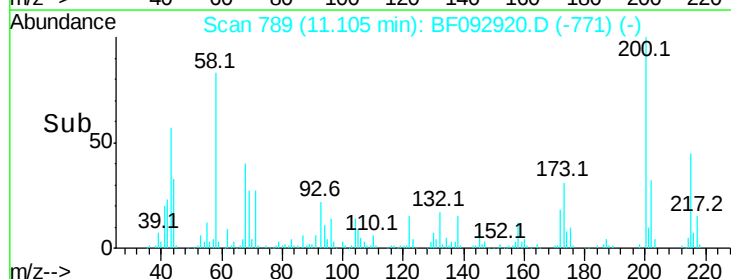
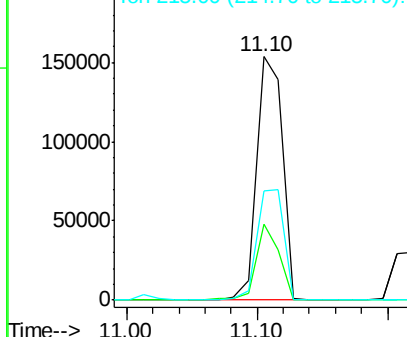


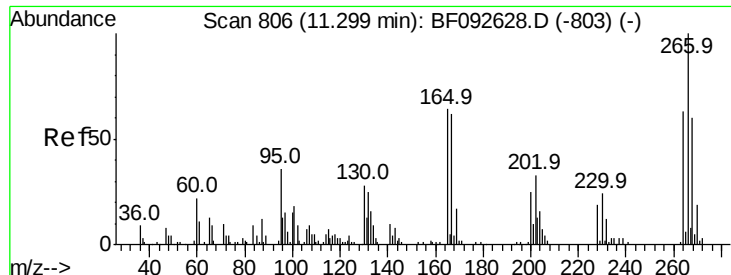
#68
Atrazine
Concen: 37.19 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:200 Resp: 211475
Ion Ratio Lower Upper
200 100
173 31.1 9.6 49.6
215 44.7 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

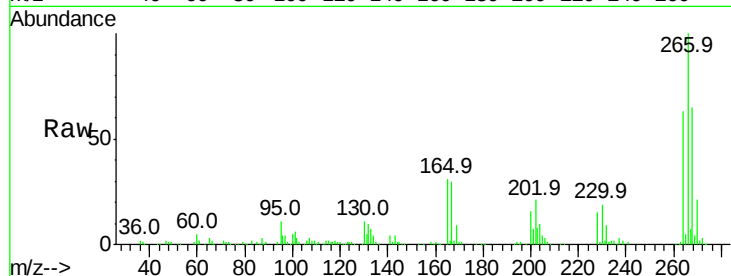




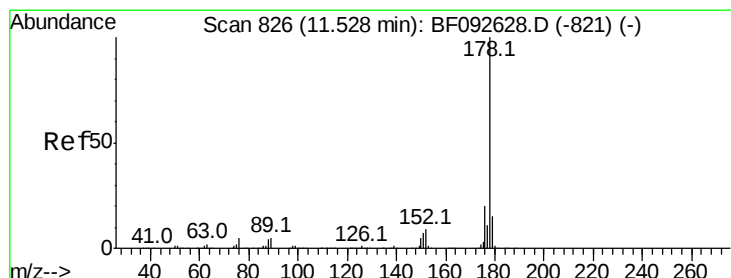
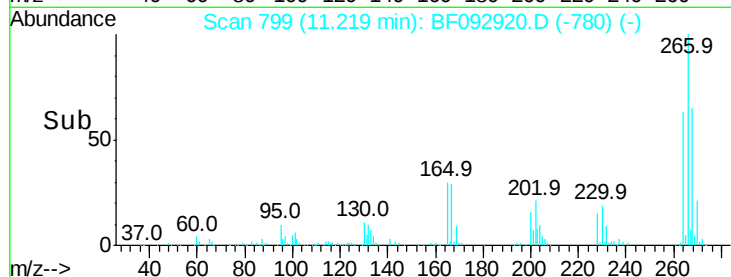
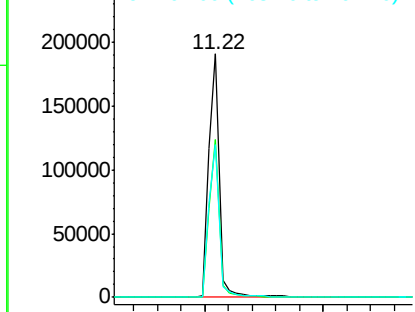
#69
 Pentachlorophenol
 Concen: 80.20 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.08 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 237154
 Ion Ratio Lower Upper
 266 100
 268 64.9 53.3 79.9
 264 62.6 50.3 75.5

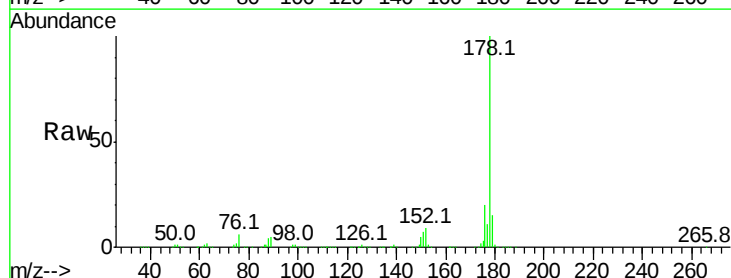


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

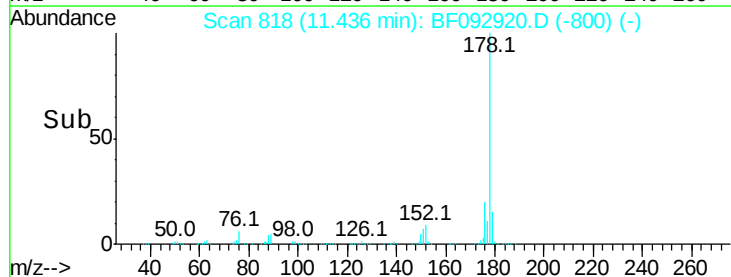
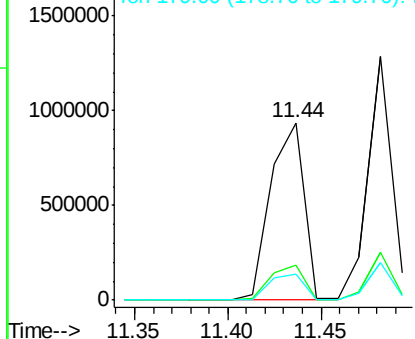


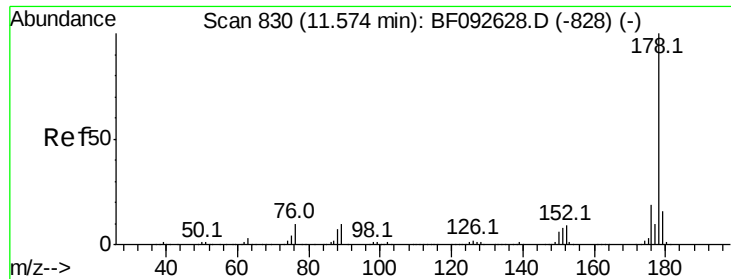
#70
 Phenanthrene
 Concen: 36.88 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:178 Resp: 1172120
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 14.9 12.8 19.2



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

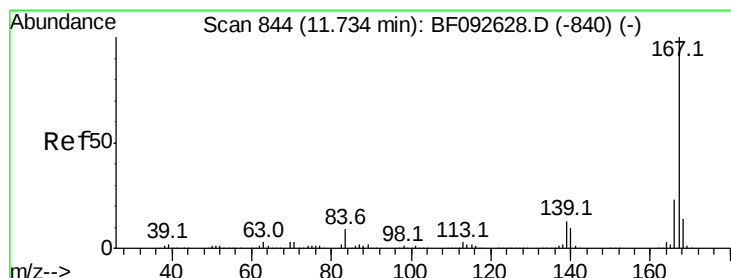
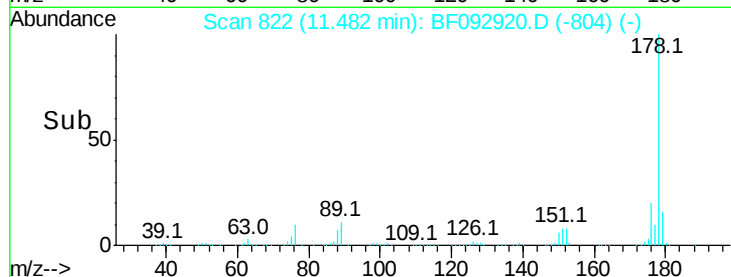
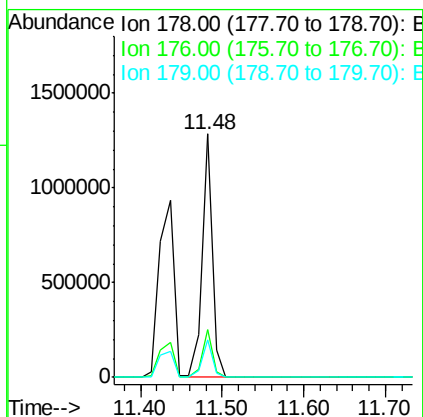
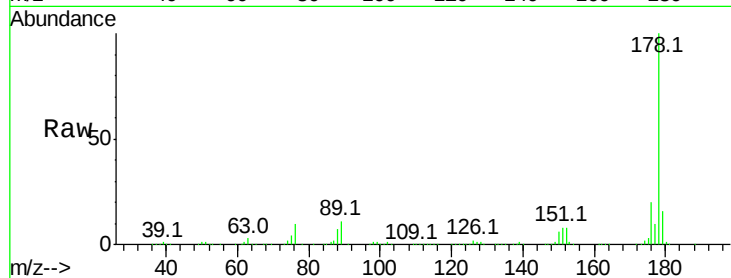




#71
 Anthracene
 Concen: 35.95 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

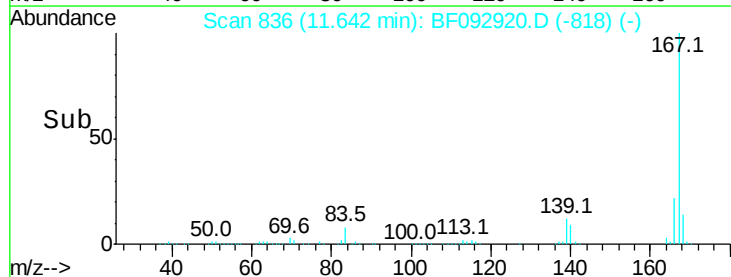
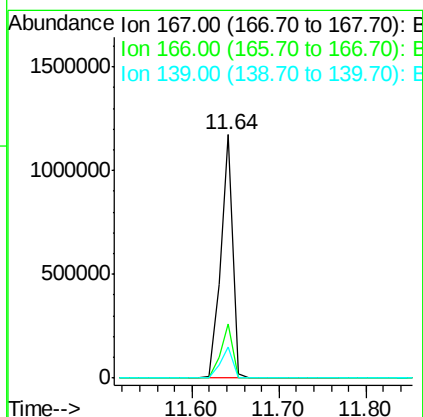
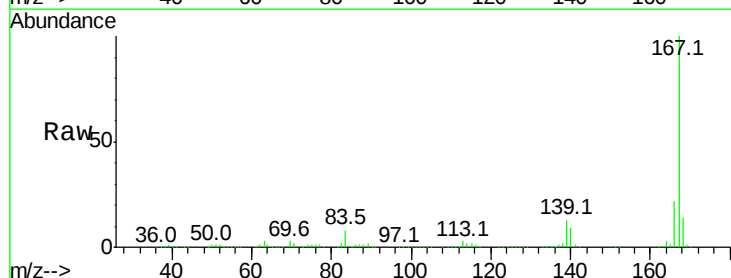
Instrument :
 BNA_F
 ClientSampleId :

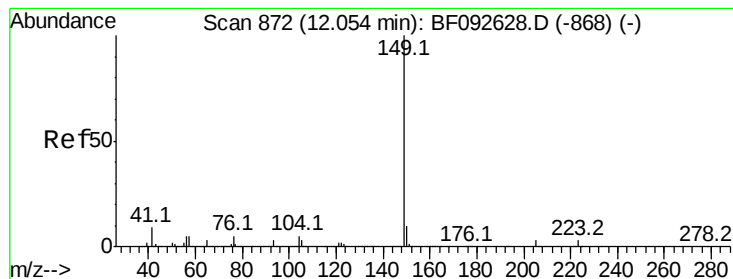
Tot Ion:178 Resp: 1147307
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.6 13.2 19.8



#72
 Carbazole
 Concen: 37.45 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:167 Resp: 1142329
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 12.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 36.86 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

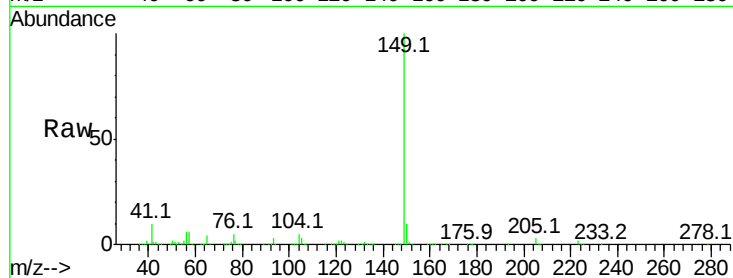
Tot Ion:149 Resp: 1216185

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

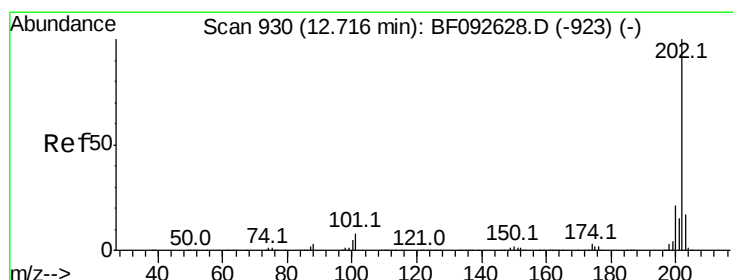
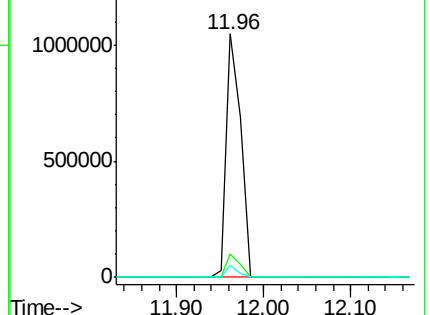
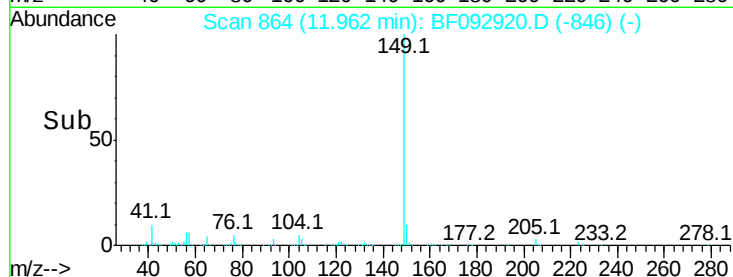
104 5.0 4.6 7.0



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: 33.26 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.10 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

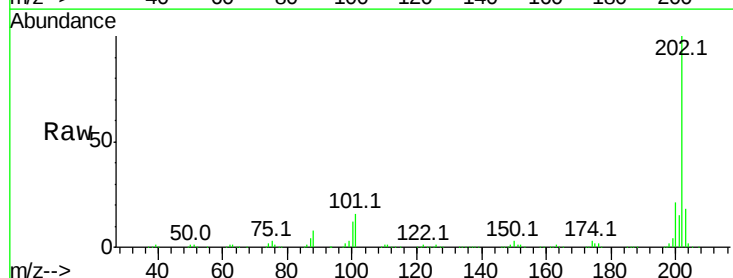
Tgt Ion:202 Resp: 1090317

Ion Ratio Lower Upper

202 100

101 16.0 0.0 34.6

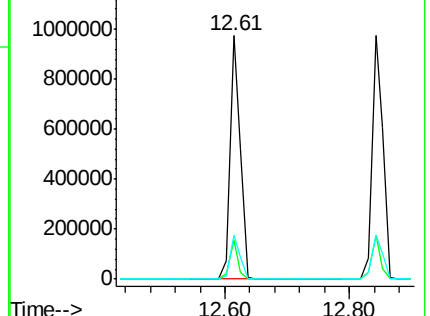
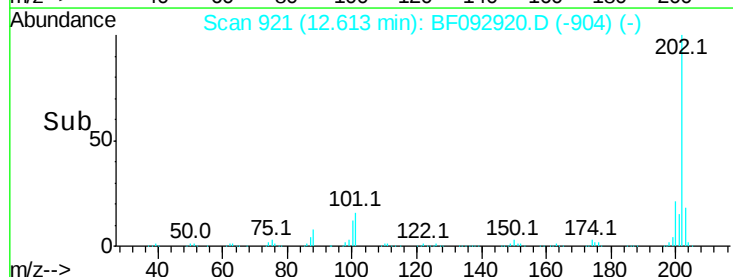
203 17.9 0.0 38.7

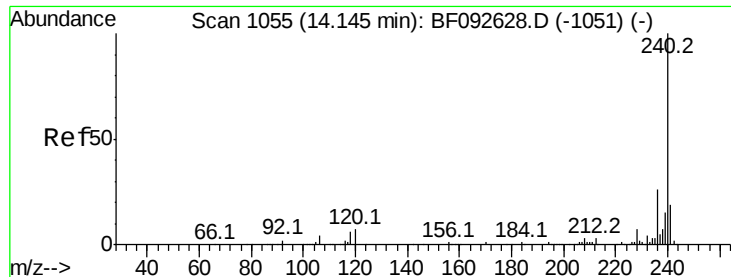


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

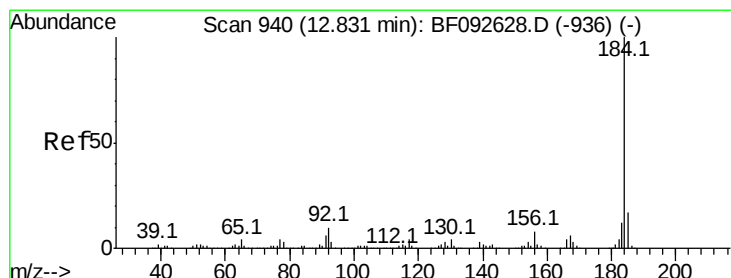
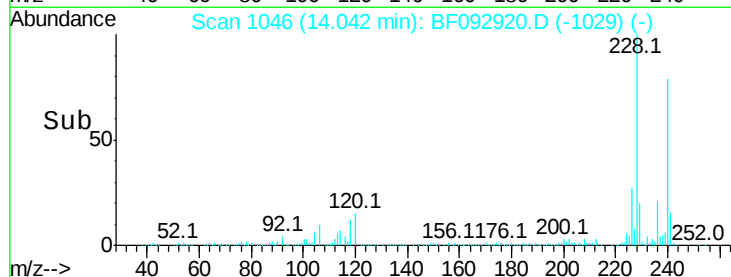
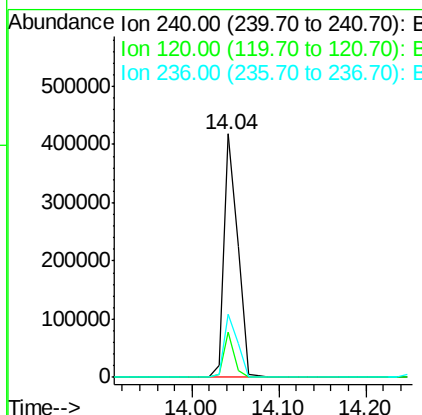
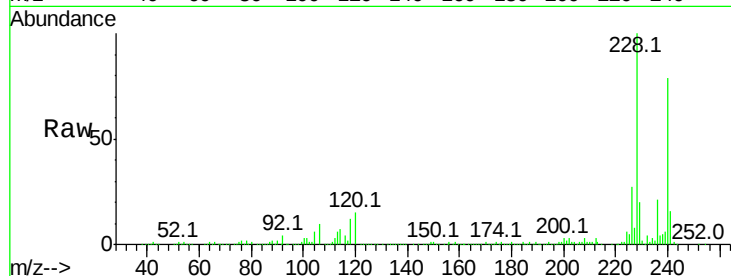




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.10 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

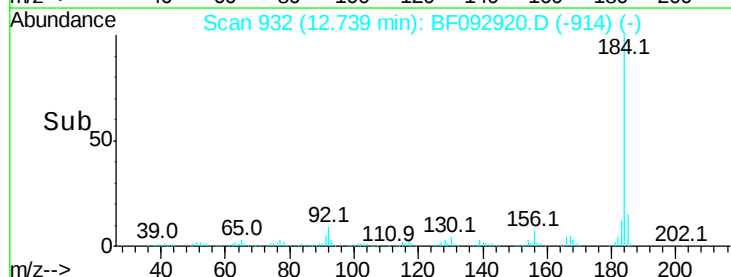
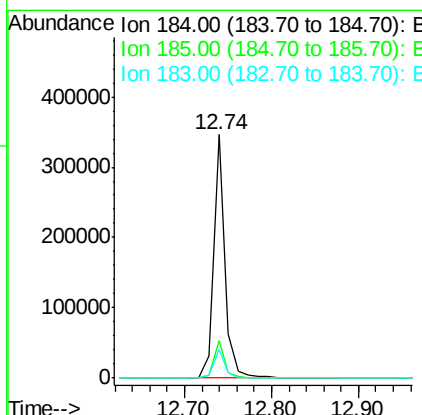
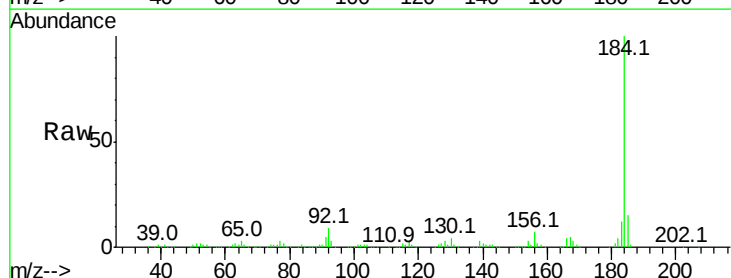
Instrument :
BNA_F
ClientSampled :

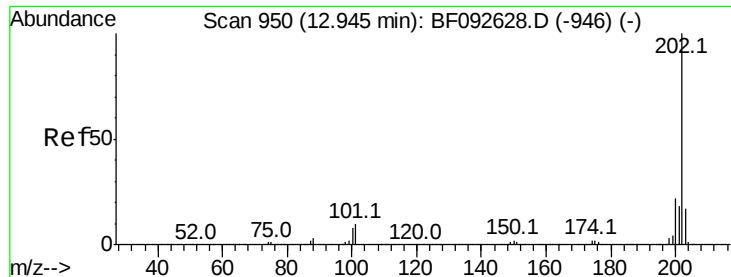
Tot Ion:240 Resp: 462624
Ion Ratio Lower Upper
240 100
120 18.6 12.9 19.3
236 26.1 20.9 31.3



#76
Benzidine
Concen: 16.15 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:184 Resp: 318366
Ion Ratio Lower Upper
184 100
185 15.2 13.4 20.0
183 11.9 9.2 13.8





#77

Pvrene

Concen: 33.40 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.10 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

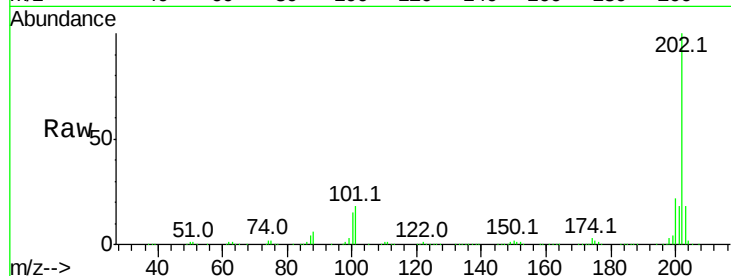
Tot Ion:202 Resp: 1156181

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

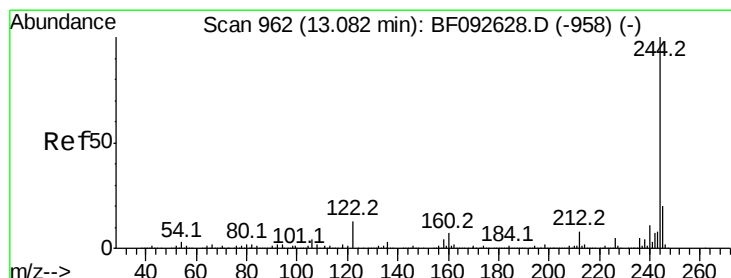
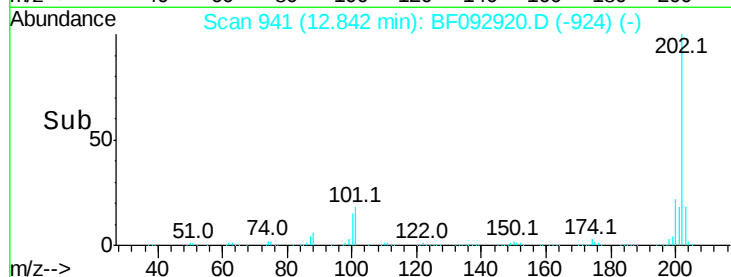
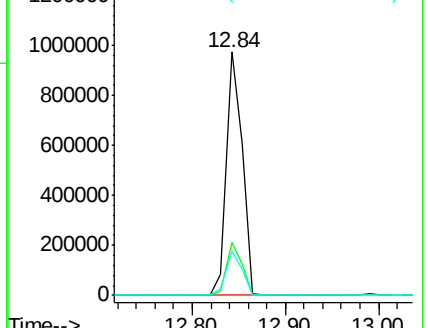
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.14 ng

RT: 12.99 min Scan# 954

Delta R.T. -0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

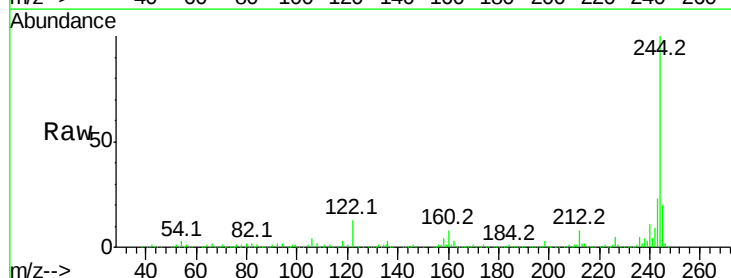
Tgt Ion:244 Resp: 1262863

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

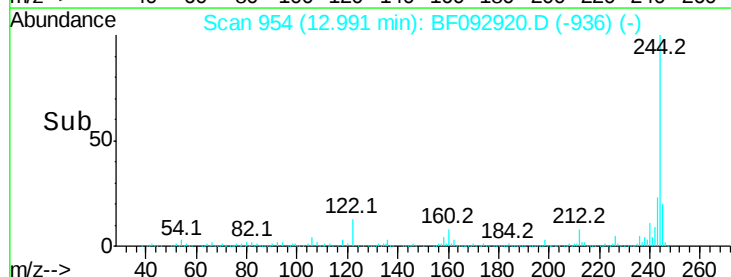
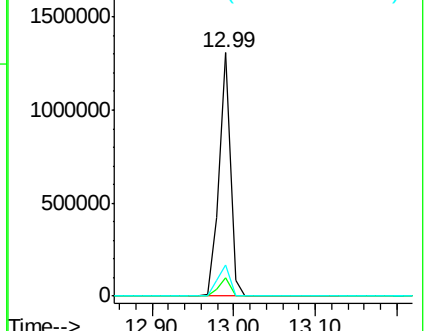
122 12.6 11.4 17.2

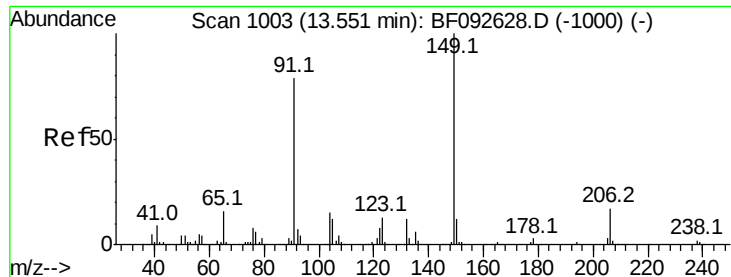


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

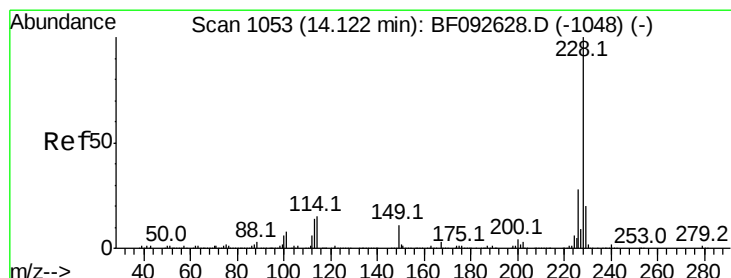
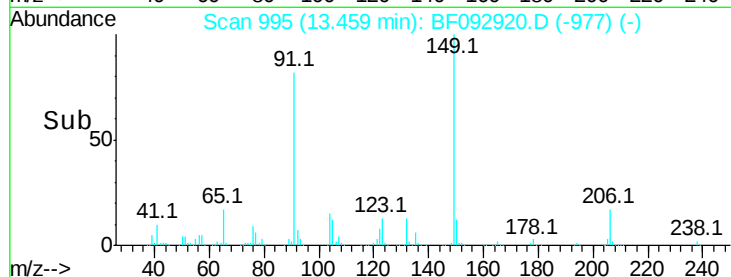
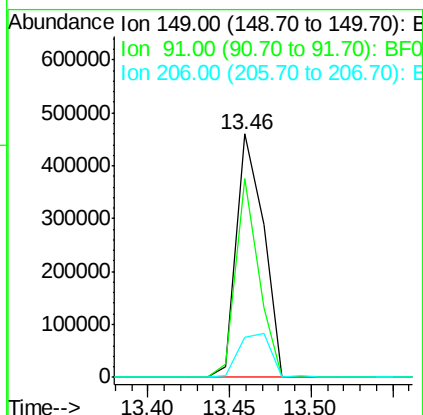
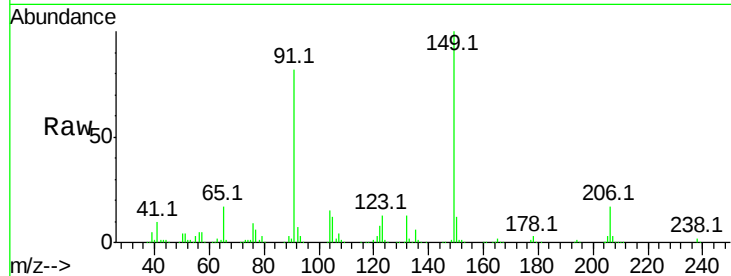




#79
Butylbenzylphthalate
Concen: 37.67 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

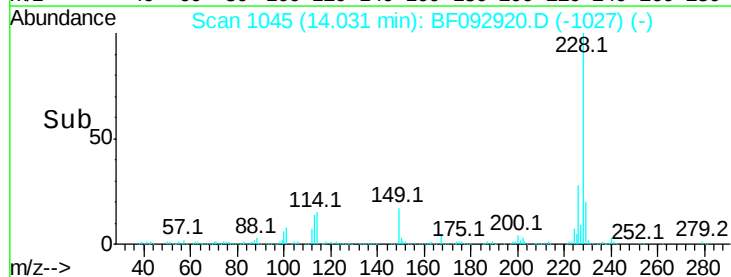
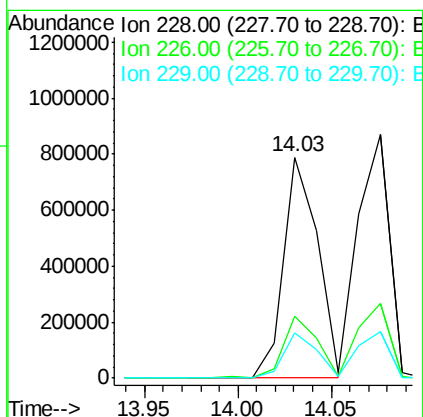
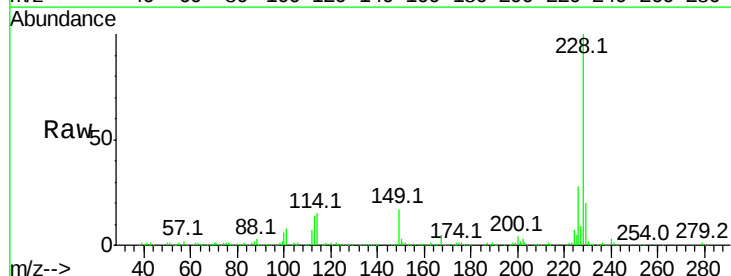
Instrument :
BNA_F
ClientSampled :

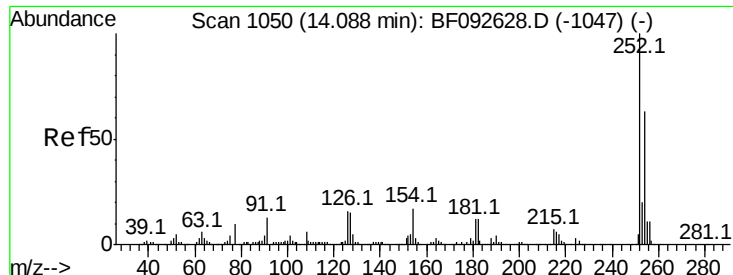
Tot Ion:149 Resp: 529612
Ion Ratio Lower Upper
149 100
91 81.7 63.9 95.9
206 16.6 14.6 21.8



#80
Benzo(a)anthracene
Concen: 35.51 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:228 Resp: 1004635
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.2 16.2 24.4

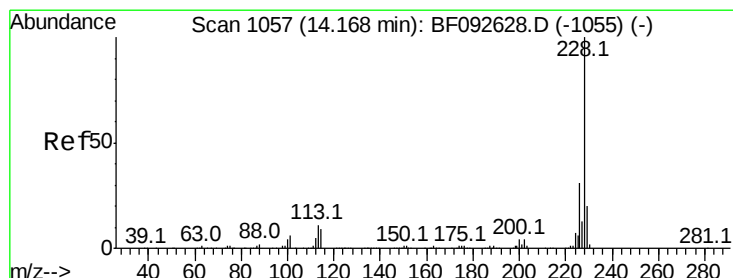
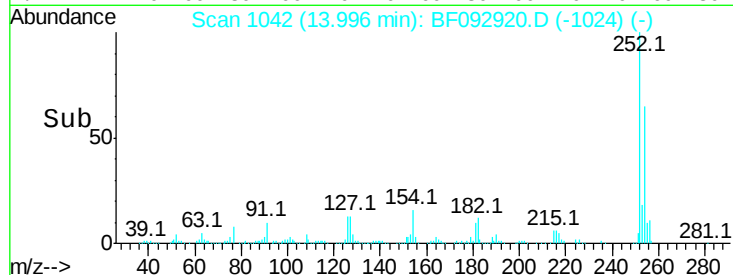
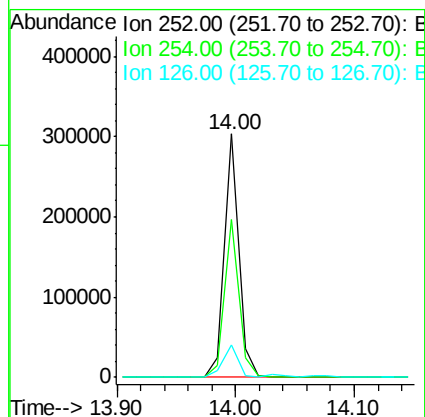
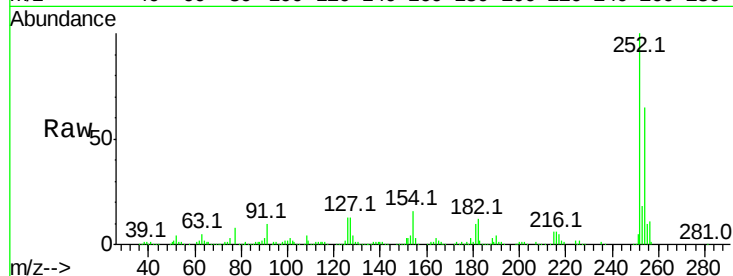




#81
 3,3'-Dichlorobenzidine
 Concen: 25.09 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

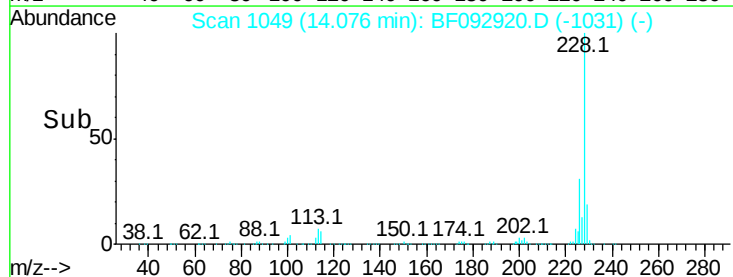
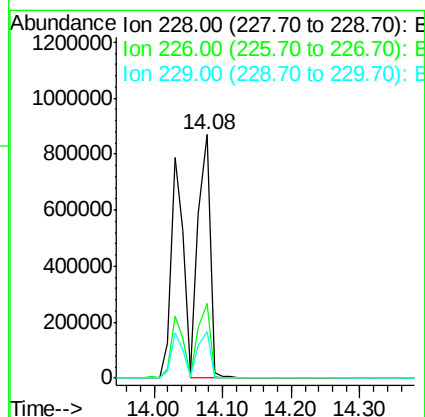
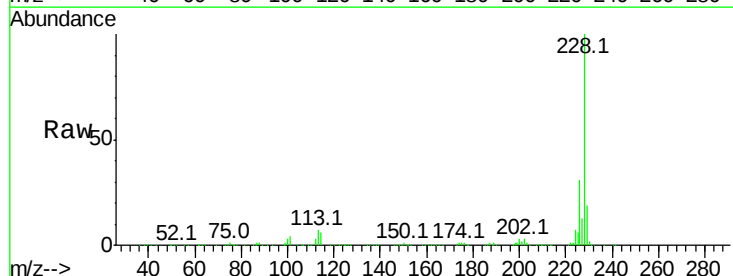
Instrument :
 BNA_F
 ClientSampleId :

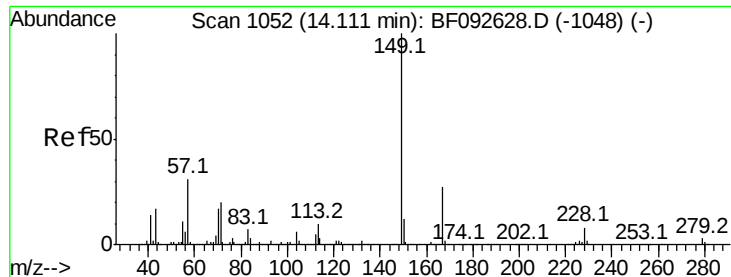
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.3	78.5
126	13.3	13.6	20.4



#82
 Chrysene
 Concen: 38.65 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.09 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	19.2	16.2	24.2

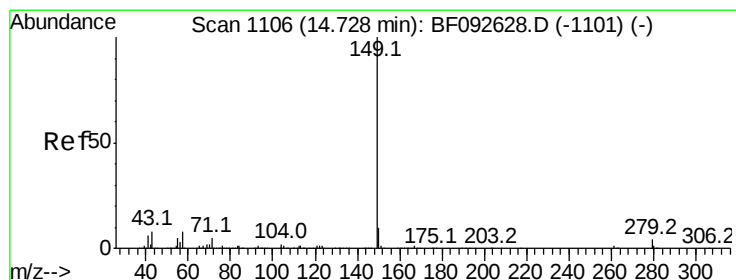
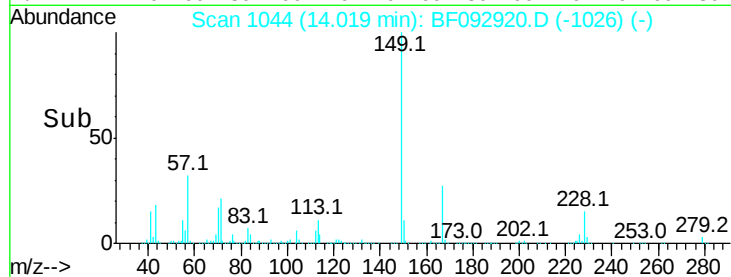
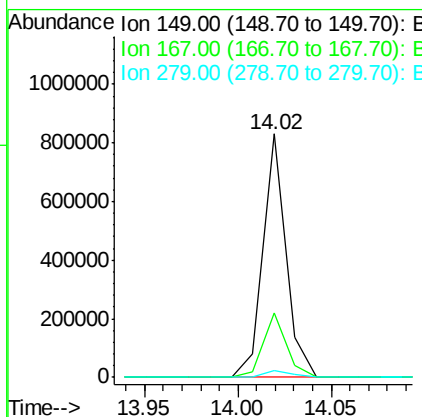
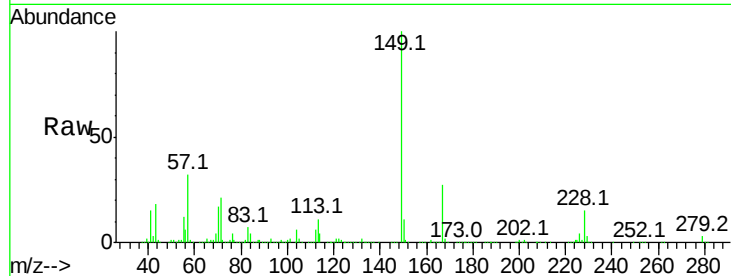




#83
Bis(2-ethylhexyl)phthalate
Concen: 37.57 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

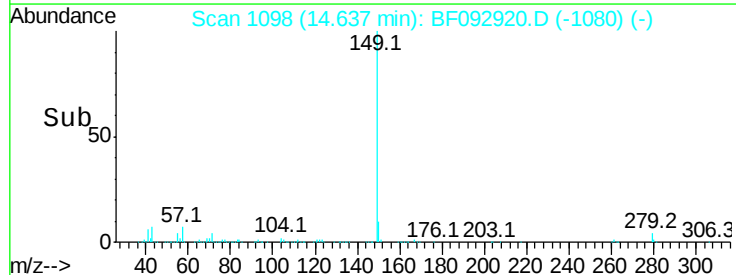
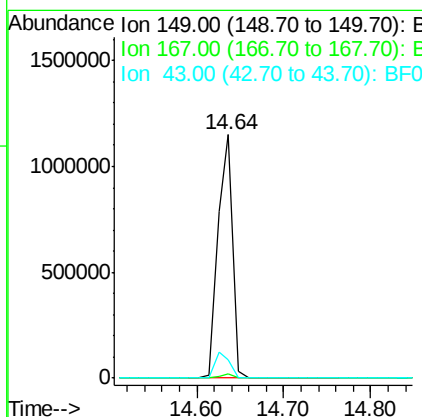
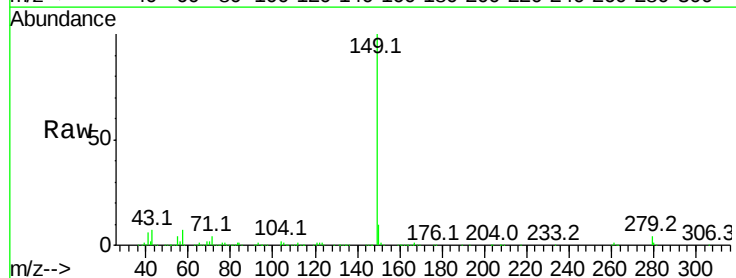
Instrument :
BNA_F
ClientSampleId :

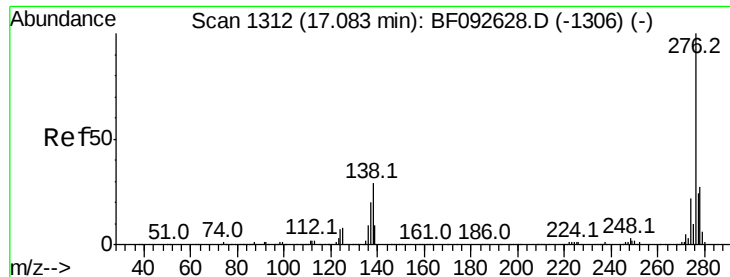
Tot Ion:149 Resp: 722397
Ion Ratio Lower Upper
149 100
167 26.6 20.2 30.4
279 2.7 1.8 2.8



#84
Di-n-octyl phthalate
Concen: 43.73 ng
RT: 14.64 min Scan# 1098
Delta R.T. -0.09 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:149 Resp: 1369063
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.6 8.9 13.3

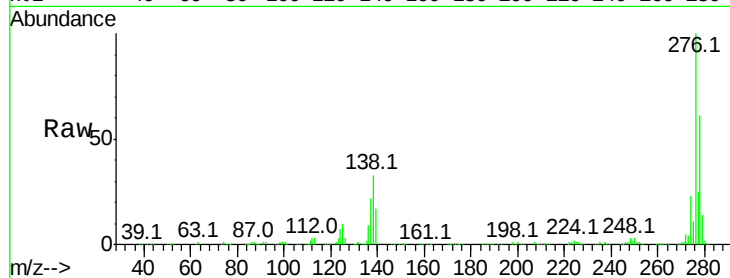




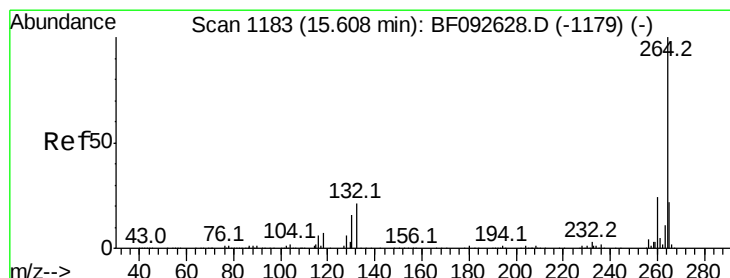
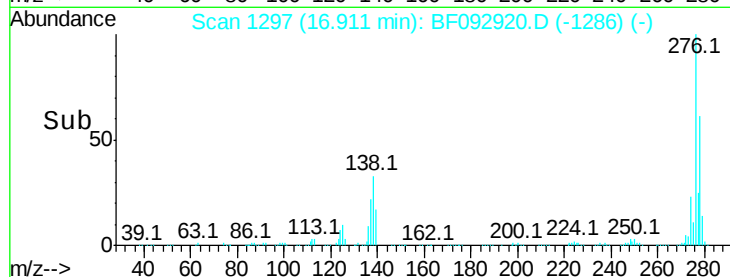
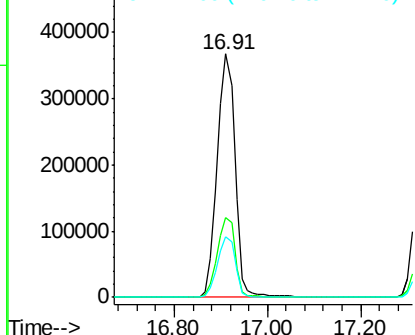
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.74 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.17 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.6
277	25.0	20.2	30.4

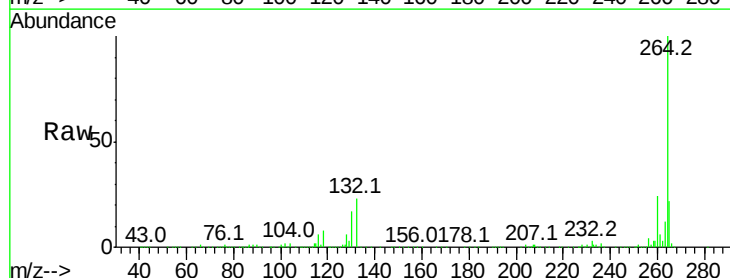


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

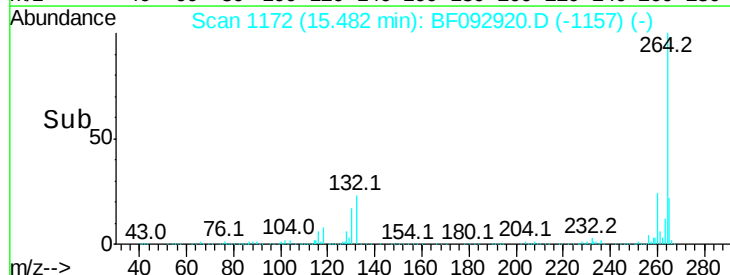
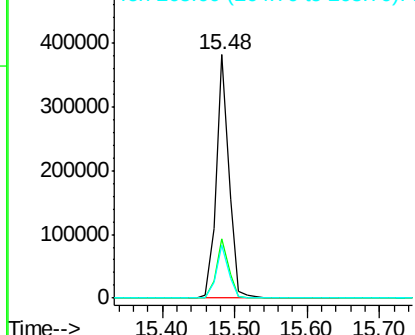


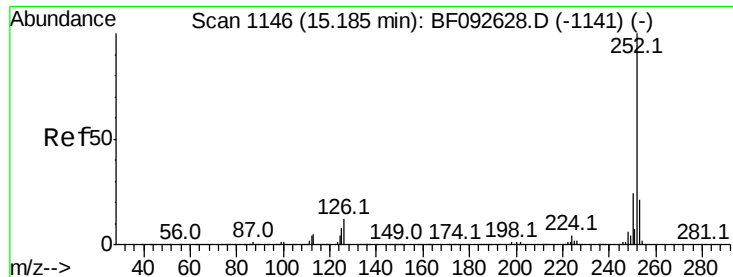
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.13 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

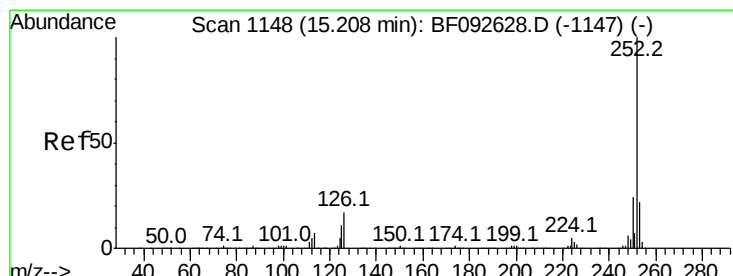
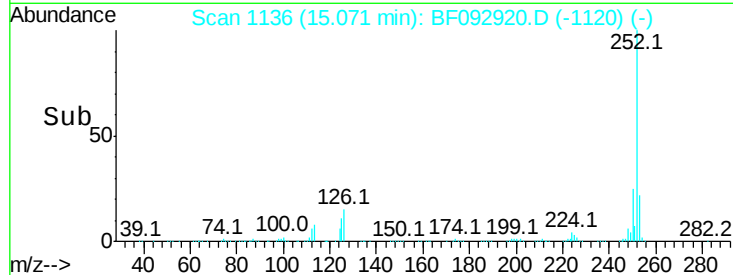
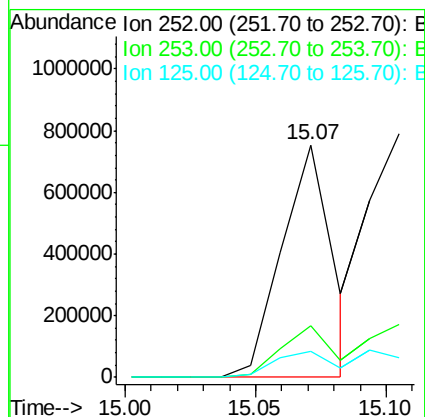
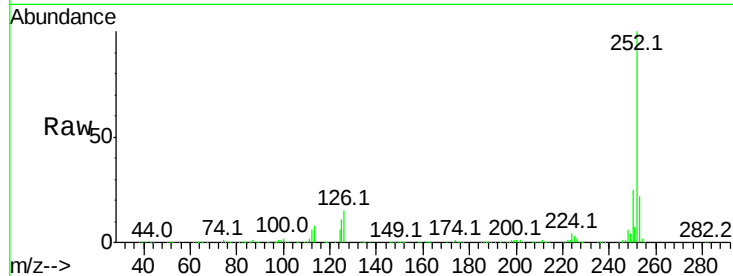




#87
Benzo(b)fluoranthene
Concen: 32.98 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.11 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

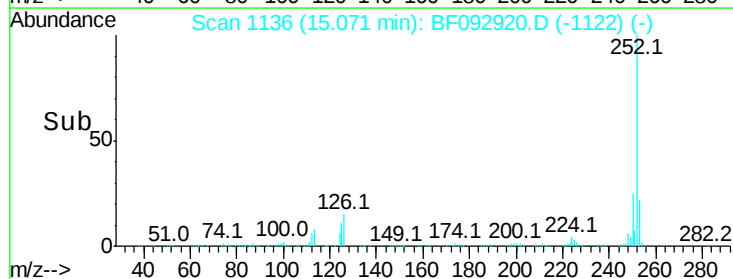
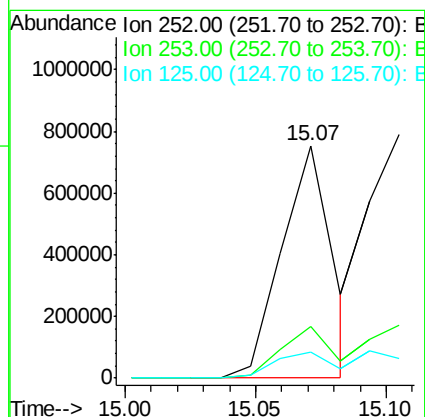
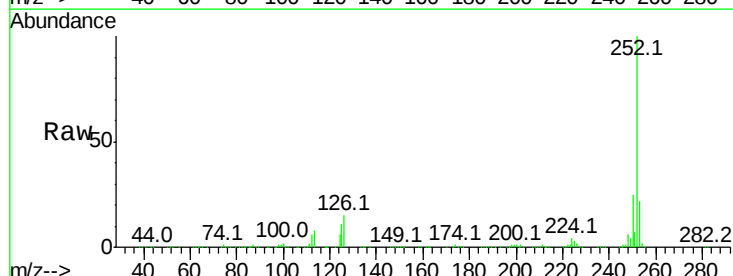
Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1005172
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 11.3 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 38.19 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.14 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:252 Resp: 1005172
Ion Ratio Lower Upper
252 100
253 22.1 18.5 27.7
125 11.3 8.9 13.3





#89

Benzo(a)pyrene

Concen: 35.53 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.13 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

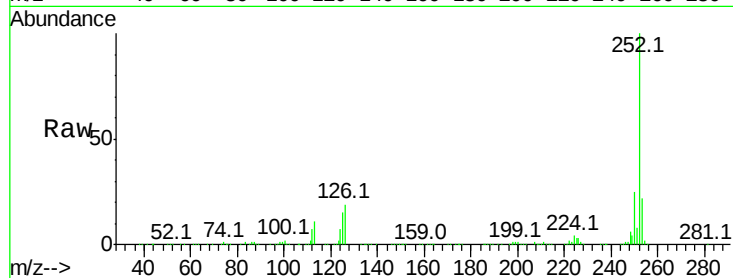
Tot Ion:252 Resp: 936875

Ion Ratio Lower Upper

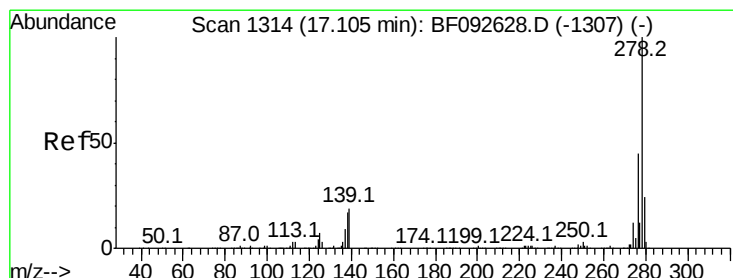
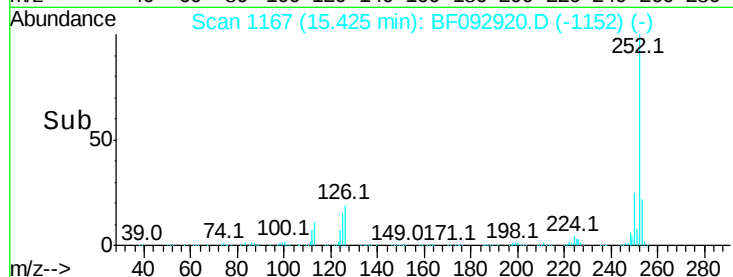
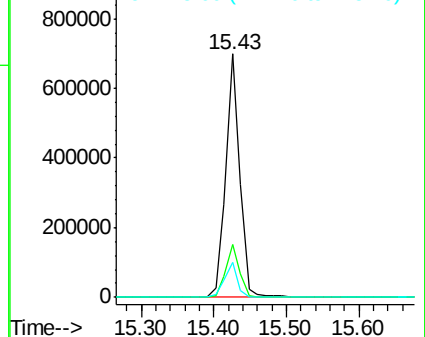
252 100

253 22.0 18.2 27.2

125 14.5 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.18 ng

RT: 16.92 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

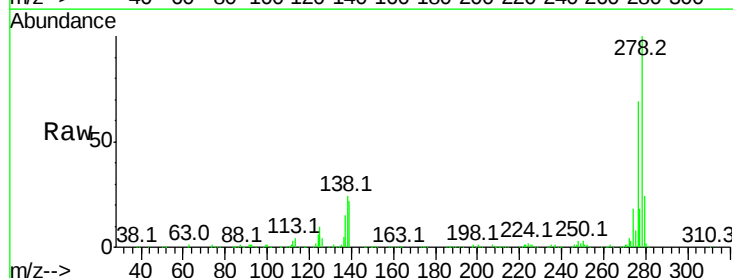
Tgt Ion:278 Resp: 813669

Ion Ratio Lower Upper

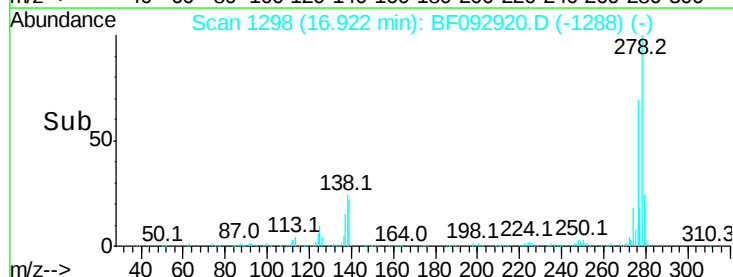
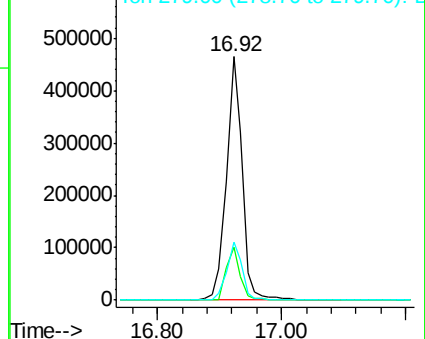
278 100

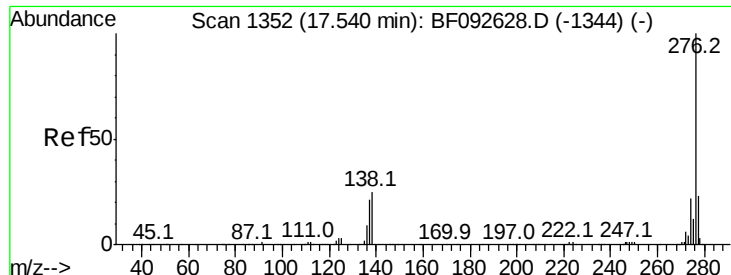
139 22.0 14.8 22.2

279 23.9 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.51 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.19 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

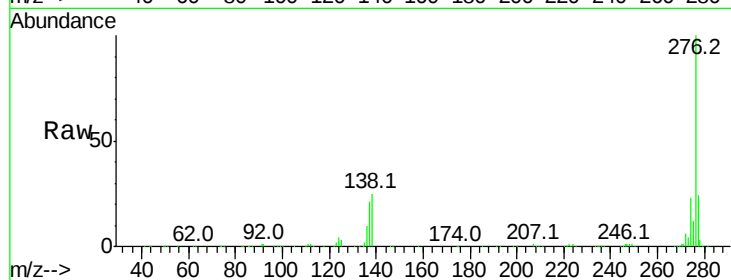
Tot Ion:276 Resp: 850541

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 25.0 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

