

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095929.D
 Acq On : 14 Jun 2017 18:42
 Operator : SJ/MA
 Sample : PB99714BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 15 01:07:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	70836	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	300099	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	137482	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	253642	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	201023	20.00	ng	-0.05
86) Perylene-d12	19.97	264	157304	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	351996	79.18	ng	-0.05
7) Phenol-d6	6.90	99	417730	78.49	ng	-0.05
23) Nitrobenzene-d5	8.26	82	371131	76.80	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	93091	76.53	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	752030	76.12	ng	-0.07
78) Terphenyl-d14	16.96	244	670118	82.73	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.73	88	64373	30.44	ng	100
3) Pyridine	2.27	79	165661	33.33	ng	97
4) n-Nitrosodimethylamine	2.24	42	71435	37.80	ng	89
6) Aniline	6.84	93	119846	17.21	ng	95
8) 2-Chlorophenol	7.02	128	198008	41.89	ng	92
9) Benzaldehyde	6.65	77	61609	17.16	ng	98
10) Phenol	6.92	94	235762	42.71	ng	87
11) bis(2-Chloroethyl)ether	6.97	93	178379	40.79	ng	95
12) 1,3-Dichlorobenzene	7.23	146	206584	38.61	ng	97
13) 1,4-Dichlorobenzene	7.36	146	211358	38.96	ng	95
14) 1,2-Dichlorobenzene	7.59	146	201050	40.20	ng	96
15) Benzyl Alcohol	7.65	79	152433	41.73	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.83	45	243051	39.56	ng	97
17) 2-Methylphenol	7.87	107	161162	40.63	ng	98
18) Hexachloroethane	8.11	117	71205	39.74	ng	87
19) n-Nitroso-di-n-propylamine	8.07	70	134047	39.75	ng	94
20) 3+4-Methylphenols	8.15	107	205162	40.75	ng	# 59
22) Acetophenone	8.03	105	269789	38.41	ng	# 83
24) Nitrobenzene	8.29	77	187283	36.28	ng	93
25) Isophorone	8.69	82	340135	37.70	ng	95
26) 2-Nitrophenol	8.80	139	107134	39.64	ng	99
27) 2,4-Dimethylphenol	8.95	122	170951	40.75	ng	98
28) bis(2-Chloroethoxy)methane	9.07	93	226515	38.09	ng	98
29) 2,4-Dichlorophenol	9.23	162	155836	38.57	ng	99
30) 1,2,4-Trichlorobenzene	9.30	180	157775	37.53	ng	99
31) Naphthalene	9.40	128	560243	37.20	ng	100
32) Benzoic acid	9.33	122	87553	34.95	ng	95
33) 4-Chloroaniline	9.58	127	59759	10.15	ng	# 93
34) Hexachlorobutadiene	9.62	225	83211	38.31	ng	98
35) Caprolactam	10.19	113	29740	24.74	ng	# 83
36) 4-Chloro-3-methylphenol	10.44	107	172564	40.81	ng	89
37) 2-Methylnaphthalene	10.53	142	388390	38.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.81	216	151157	36.74	ng	99
40) Hexachlorocyclopentadiene	10.78	237	80932	65.17	ng	97

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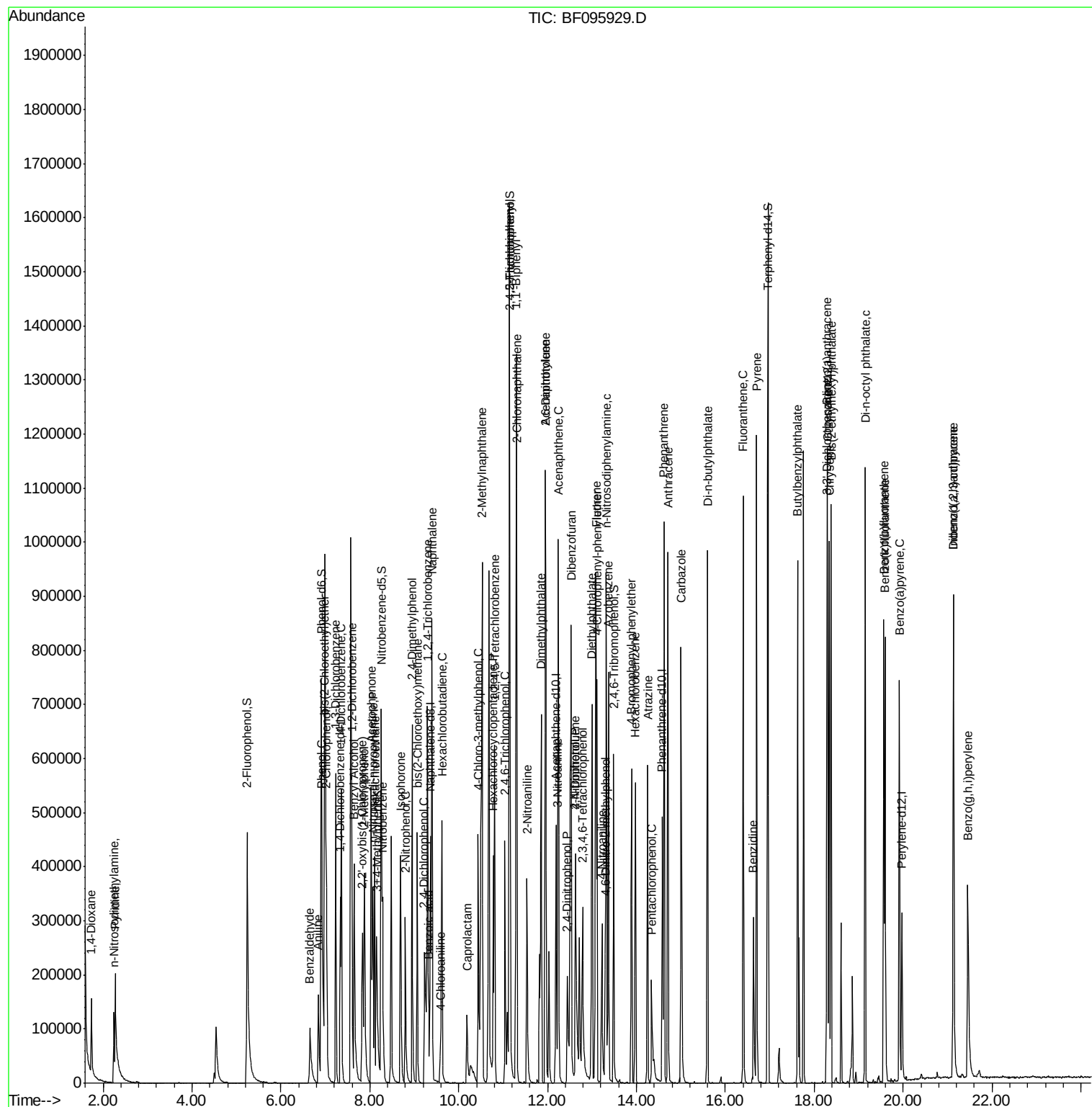
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.05	196	100633	38.04	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	100699	35.79	nq	94
45) 1,1'-Biphenyl	11.30	154	435253	38.41	nq	97
46) 2-Chloronaphthalene	11.31	162	336619	38.02	nq	96
47) 2-Nitroaniline	11.53	65	99098	38.25	nq	# 80
48) Acenaphthylene	11.96	152	533860	35.26	nq	99
49) Dimethylphthalate	11.86	163	412352	39.50	nq	98
50) 2,6-Dinitrotoluene	11.95	165	87104	38.26	nq	# 79
51) Acenaphthene	12.24	154	318738	36.45	nq	98
52) 3-Nitroaniline	12.22	138	45213	17.04	nq	91
53) 2,4-Dinitrophenol	12.45	184	92616	72.50	nq	# 65
54) Dibenzofuran	12.53	168	493509	40.10	nq	97
55) 4-Nitrophenol	12.63	139	93501	61.50	nq	# 74
56) 2,4-Dinitrotoluene	12.62	165	127511	41.46	nq	# 89
57) Fluorene	13.08	166	401411	37.48	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.79	232	81791	42.48	nq	# 92
59) Diethylphthalate	13.00	149	402453	40.06	nq	100
60) 4-Chlorophenyl-phenylether	13.11	204	178571	38.34	nq	89
61) 4-Nitroaniline	13.22	138	90677	36.61	nq	95
62) Azobenzene	13.37	77	372234	40.88	nq	93
64) 4,6-Dinitro-2-methylphenol	13.30	198	60084	36.04	nq	# 65
65) n-Nitrosodiphenylamine	13.33	169	345018	37.86	nq	97
66) 4-Bromophenyl-phenylether	13.89	248	102815	39.00	nq	96
67) Hexachlorobenzene	13.97	284	102098	39.31	nq	# 86
68) Atrazine	14.25	200	106314	41.91	nq	96
69) Pentachlorophenol	14.34	266	54912	57.75	nq	96
70) Phenanthrene	14.62	178	564449	38.57	nq	98
71) Anthracene	14.71	178	589641	38.59	nq	97
72) Carbazole	15.01	167	547015	36.74	nq	98
73) Di-n-butylphthalate	15.60	149	667711	42.15	nq	99
74) Fluoranthene	16.40	202	583526	40.28	nq	99
76) Benzidine	16.63	184	192121	24.88	nq	# 93
77) Pyrene	16.70	202	600120	40.01	nq	98
79) Butylbenzylphthalate	17.63	149	283288	43.25	nq	# 87
80) Benzo(a)anthracene	18.29	228	456793	39.08	nq	98
81) 3,3'-Dichlorobenzidine	18.28	252	73448	17.68	nq	# 95
82) Chrysene	18.34	228	451470	38.65	nq	98
83) Bis(2-ethylhexyl)phthalate	18.38	149	406978	44.04	nq	# 99
84) Di-n-octyl phthalate	19.14	149	669882	43.99	nq	96
85) Indeno(1,2,3-cd)pyrene	21.13	276	342385	34.26	nq	100
87) Benzo(b)fluoranthene	19.56	252	400185	40.63	nq	97
88) Benzo(k)fluoranthene	19.59	252	366420	38.92	nq	96
89) Benzo(a)pyrene	19.92	252	353378	39.03	nq	99
90) Dibenzo(a,h)anthracene	21.13	278	289079	37.64	nq	98
91) Benzo(g,h,i)perylene	21.46	276	296358	37.85	nq	99

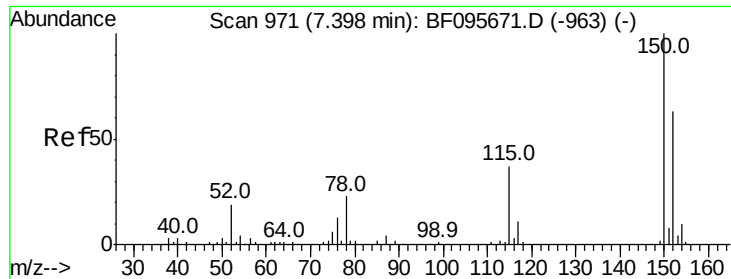
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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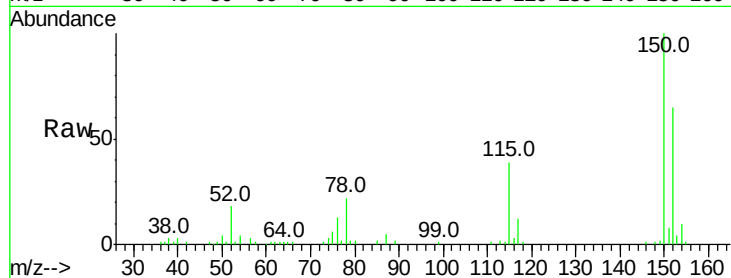


#1

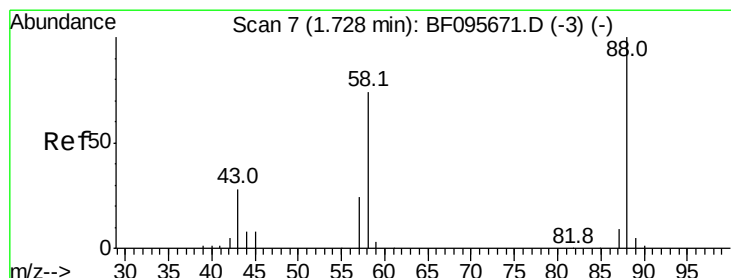
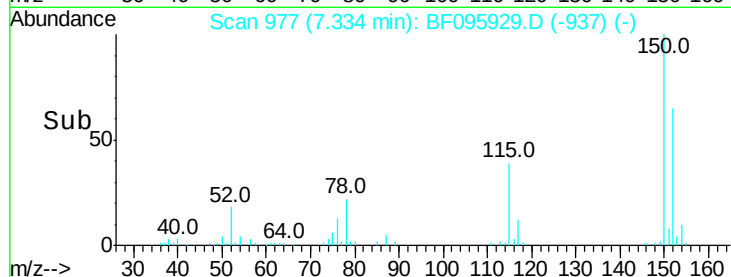
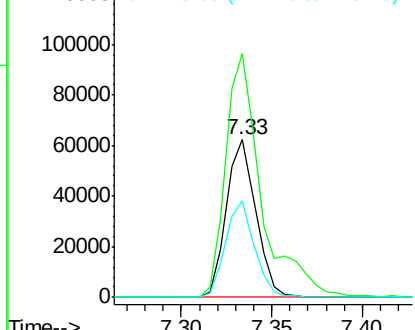
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70836
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 60.9 52.2 78.2



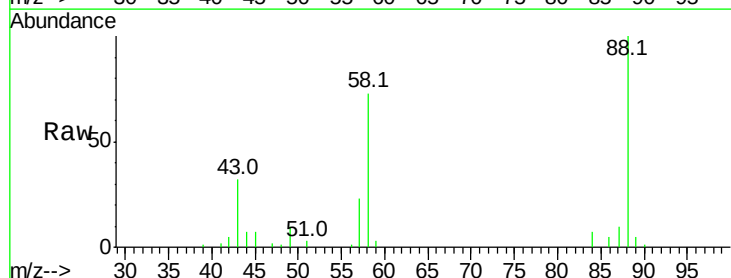
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



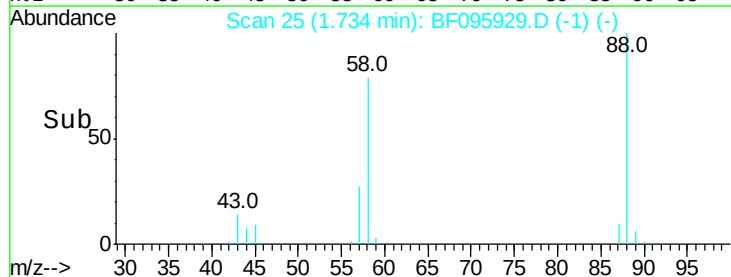
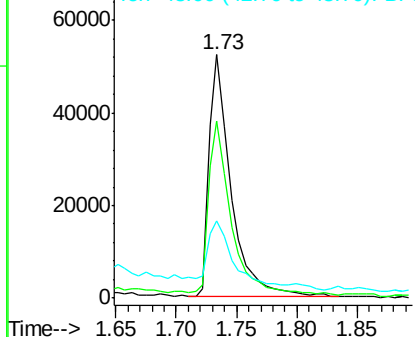
#2

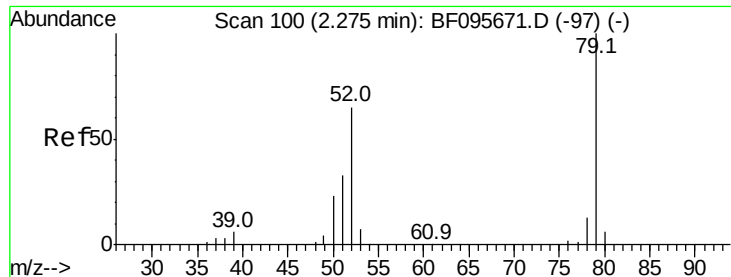
1,4-Dioxane
Concen: 30.44 ng
RT: 1.73 min Scan# 25
Delta R.T. 0.01 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion: 88 Resp: 64373
Ion Ratio Lower Upper
88 100
58 76.8 61.4 92.0
43 29.0 23.4 35.0



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: 33.33 ng

RT: 2.27 min Scan# 116

Delta R.T. -0.01 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

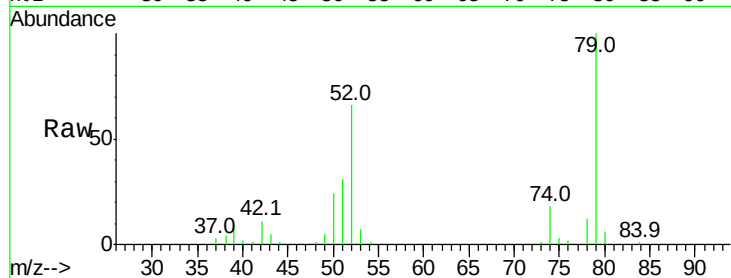
Tot Ion: 79 Resp: 165661

Ion Ratio Lower Upper

79 100

52 66.4 54.8 82.2

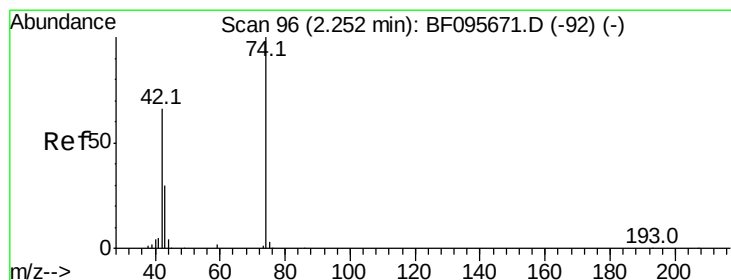
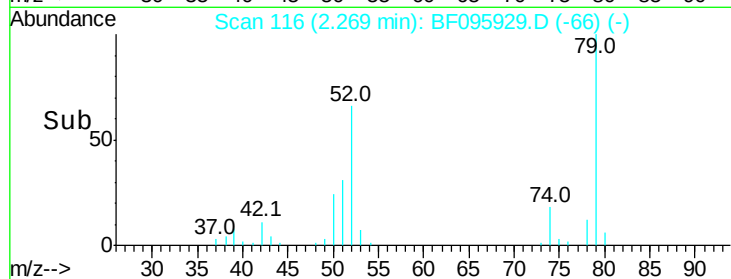
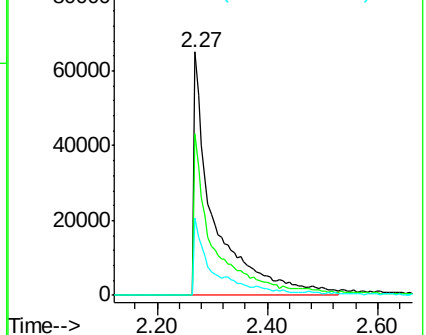
51 31.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.80 ng

RT: 2.24 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

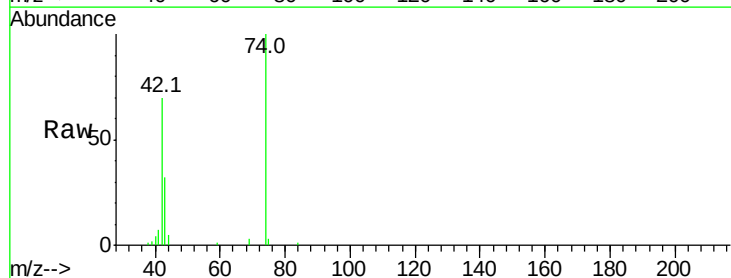
Tgt Ion: 42 Resp: 71435

Ion Ratio Lower Upper

42 100

74 143.2 103.9 155.9

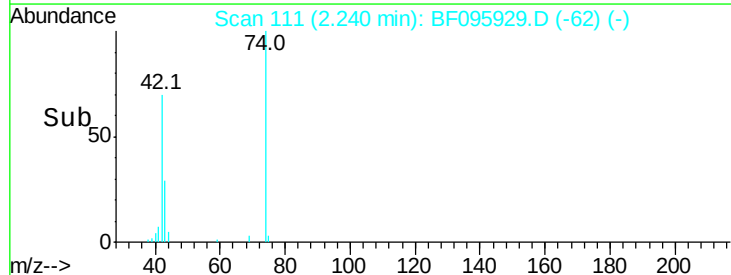
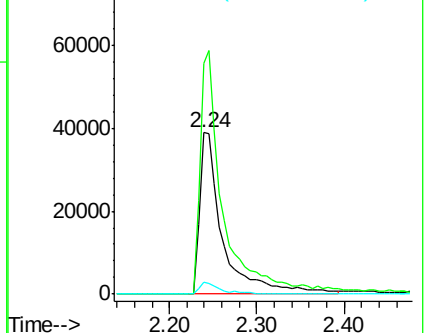
44 7.0 5.7 8.5

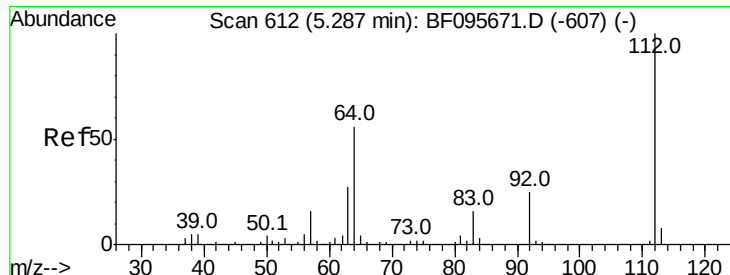


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.18 ng

RT: 5.24 min Scan# 621

Delta R.T. -0.05 min

Lab File: BF095929.D

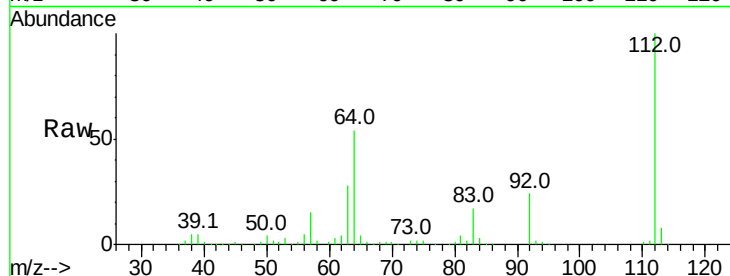
Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampled :

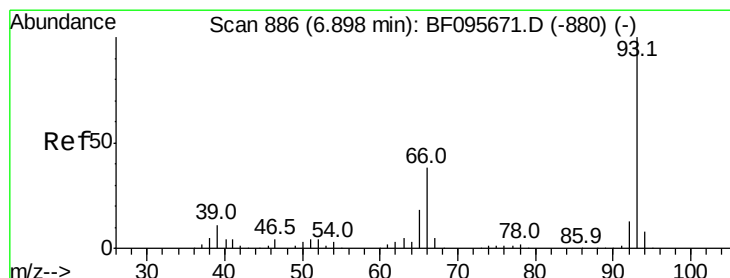
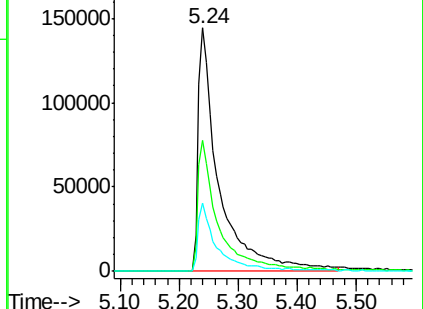
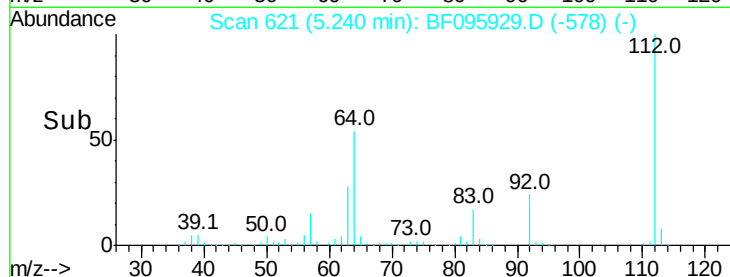
Tot Ion:	112	Resp:	351996
Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	28.1	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.21 ng

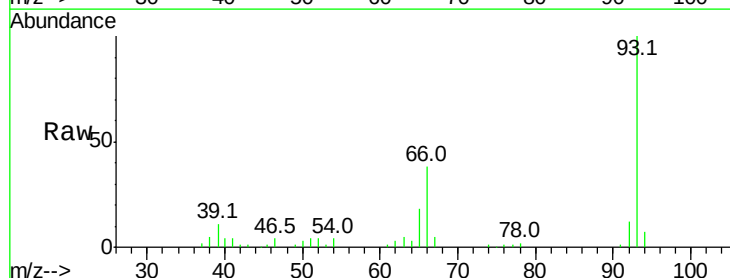
RT: 6.84 min Scan# 893

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

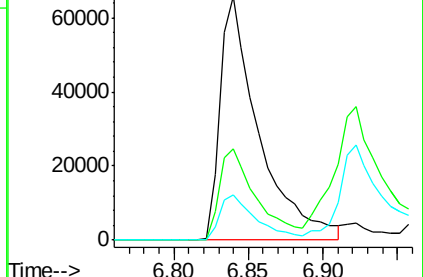
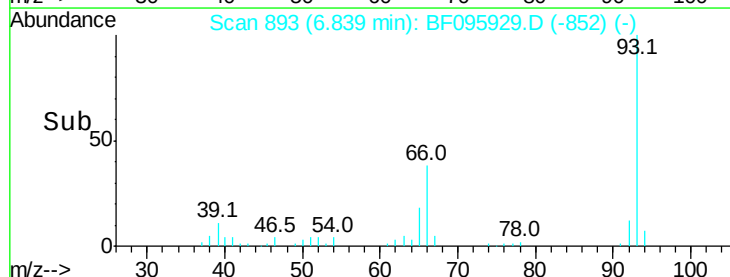
Tgt Ion:	93	Resp:	119846
Ion	Ratio	Lower	Upper
93	100		
66	37.5	32.9	49.3
65	18.5	16.0	24.0

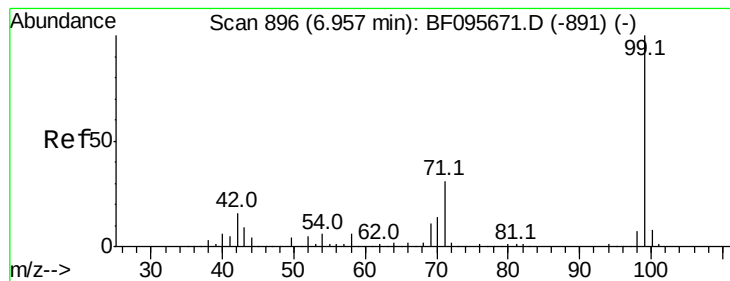


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.49 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095929.D

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ClientSampleId :

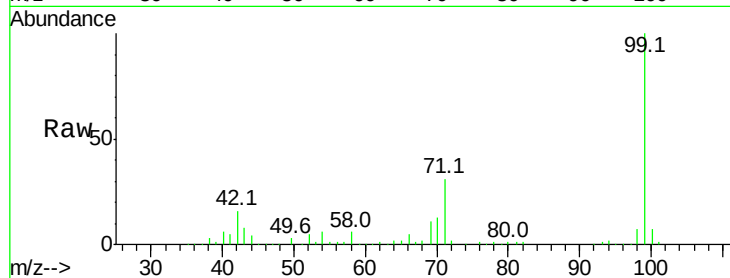
Tot Ion: 99 Resp: 417730

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

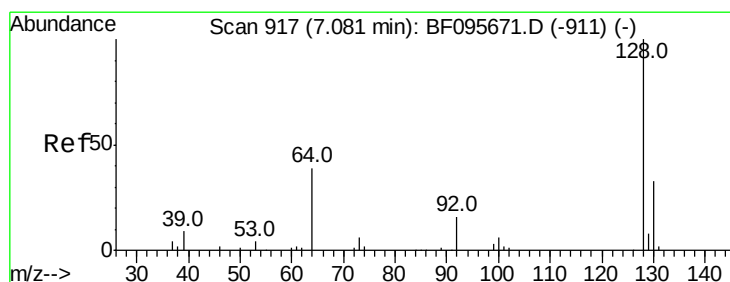
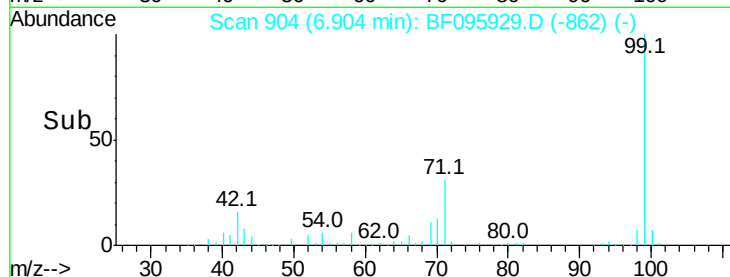
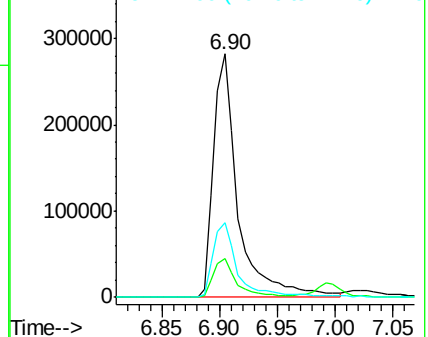
71 30.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.89 ng

RT: 7.02 min Scan# 924

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

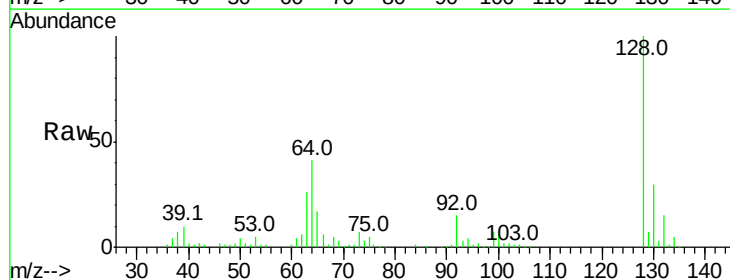
Tgt Ion: 128 Resp: 198008

Ion Ratio Lower Upper

128 100

130 30.1 12.9 52.9

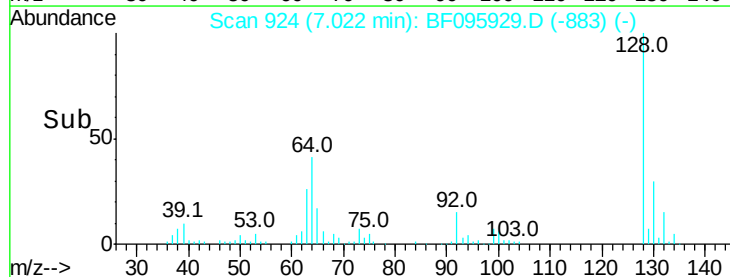
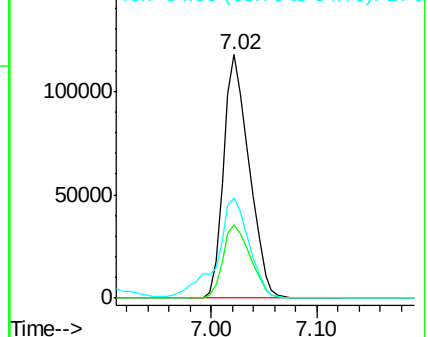
64 41.3 28.4 68.4

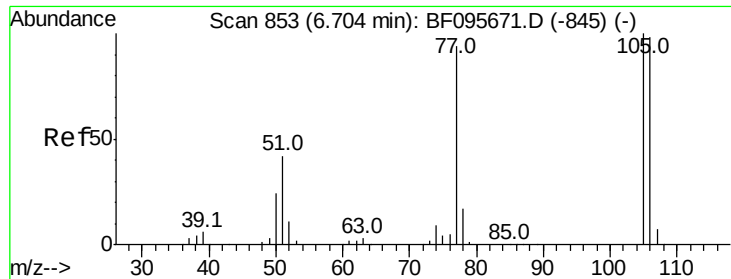


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

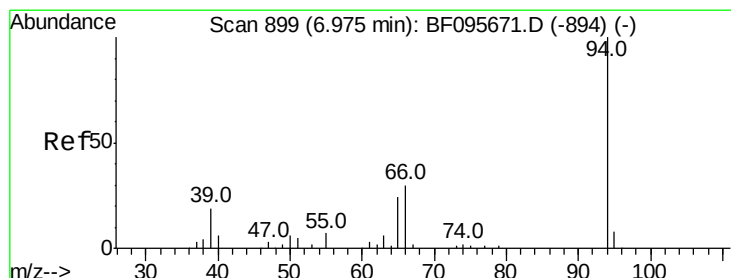
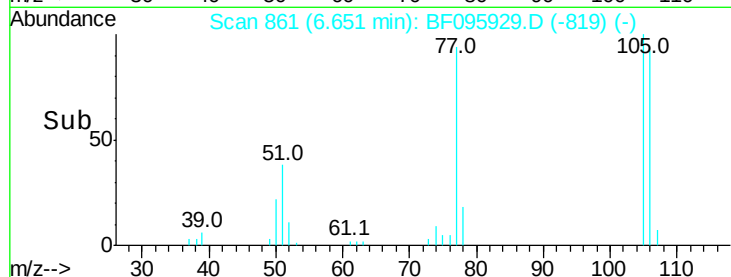
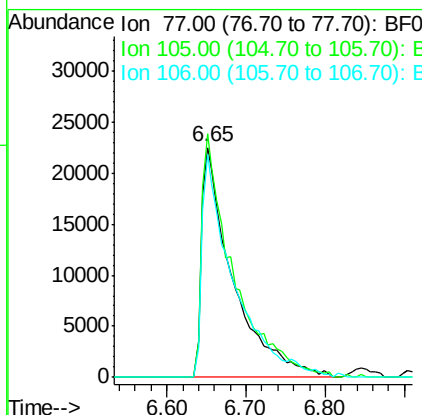
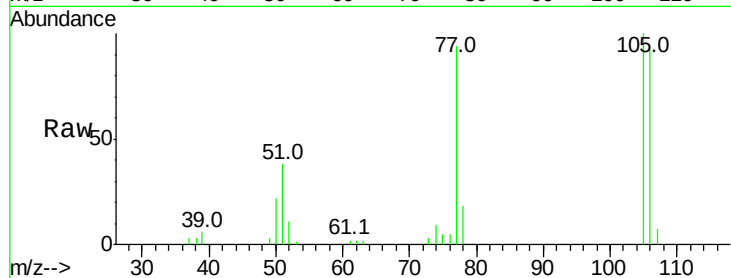




#9
Benzaldehyde
Concen: 17.16 ng
RT: 6.65 min Scan# 861
Delta R.T. -0.05 min
Lab File: BF095929.D
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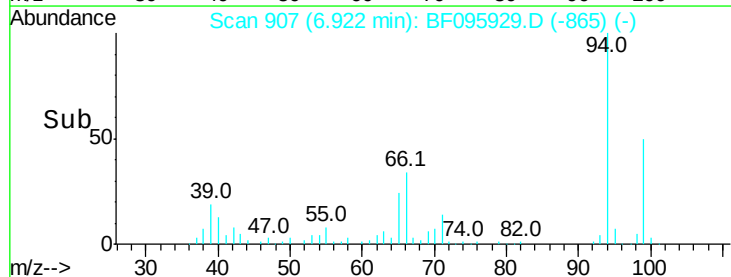
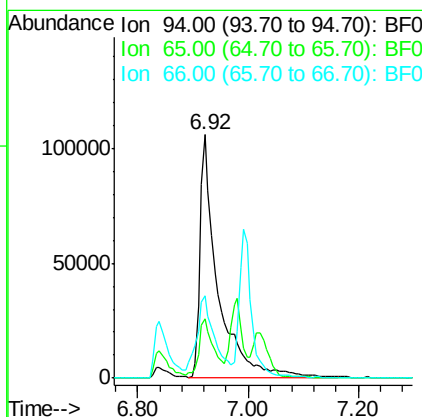
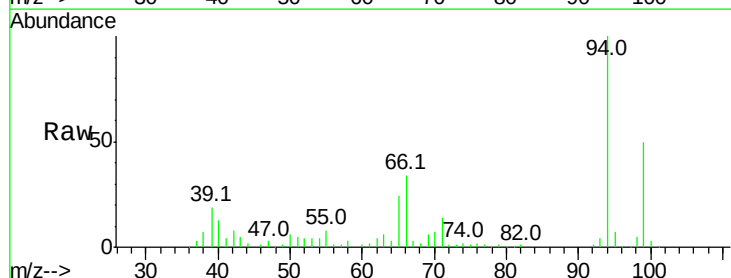
Instrument :
BNA_F
ClientSampleId :

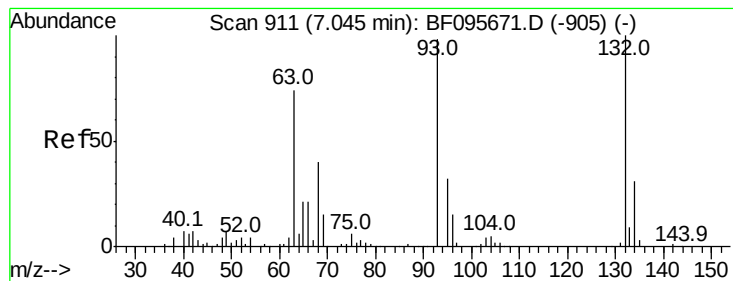
Tot Ion: 77 Resp: 61609
Ion Ratio Lower Upper
77 100
105 106.0 83.8 123.8
106 97.2 79.1 119.1



#10
Phenol
Concen: 42.71 ng
RT: 6.92 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion: 94 Resp: 235762
Ion Ratio Lower Upper
94 100
65 24.3 9.9 49.9
66 33.8 23.1 63.1

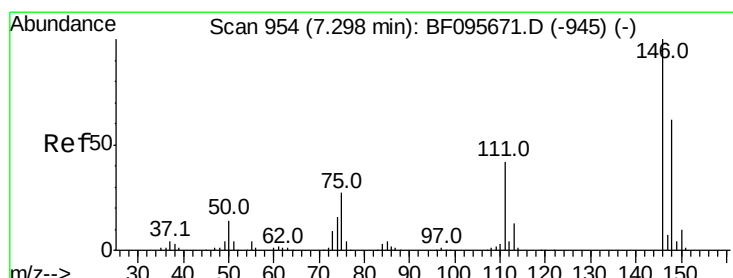
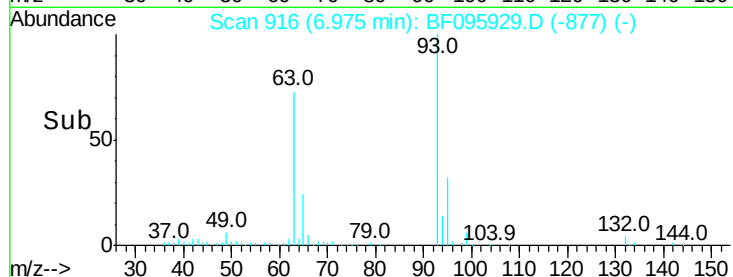
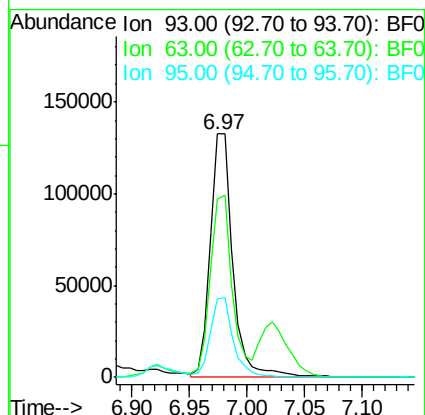
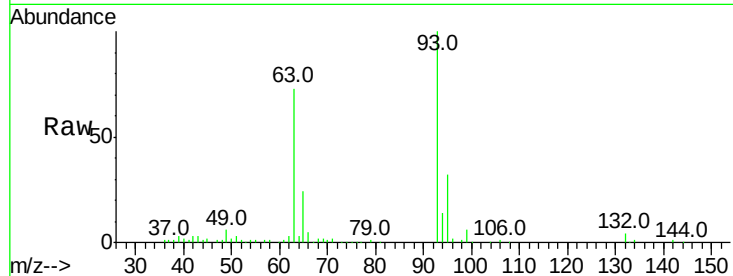




#11
bis(2-Chloroethyl)ether
Concen: 40.79 ng
RT: 6.97 min Scan# 916
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

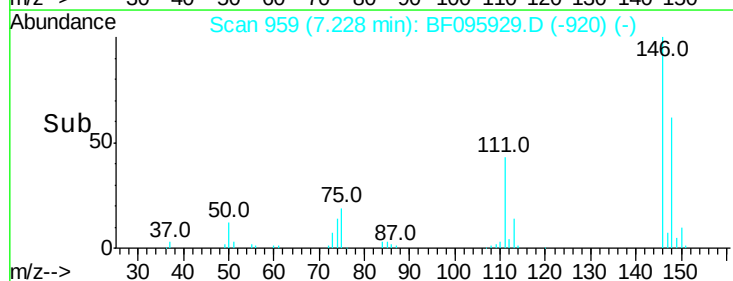
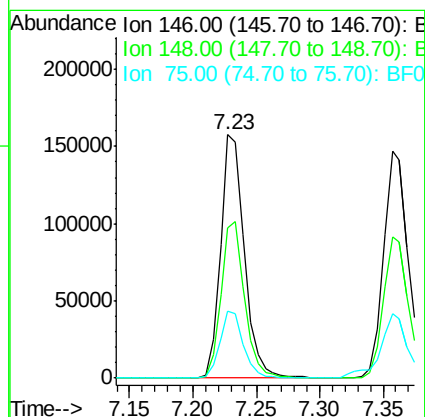
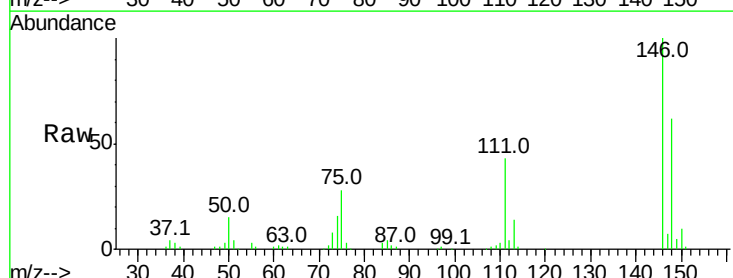
Instrument :
BNA_F
ClientSampleId :

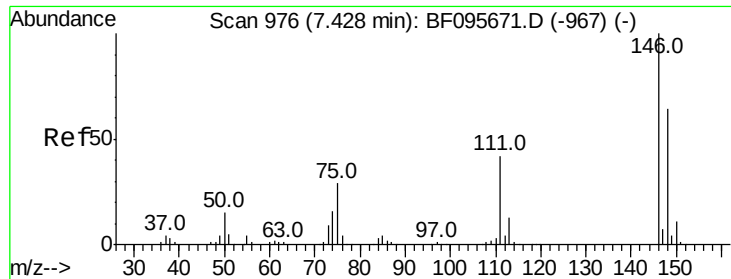
Tot Ion: 93 Resp: 178379
Ion Ratio Lower Upper
93 100
63 73.1 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.61 ng
RT: 7.23 min Scan# 959
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion: 146 Resp: 206584
Ion Ratio Lower Upper
146 100
148 61.8 51.8 77.6
75 27.6 23.1 34.7

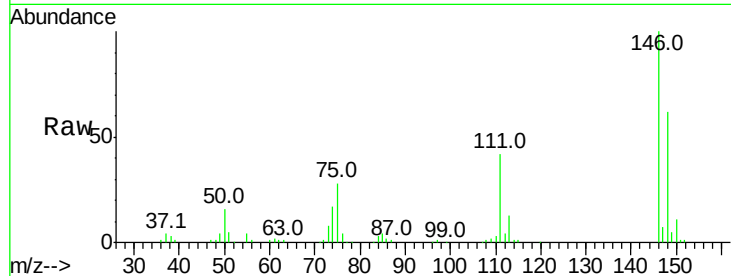




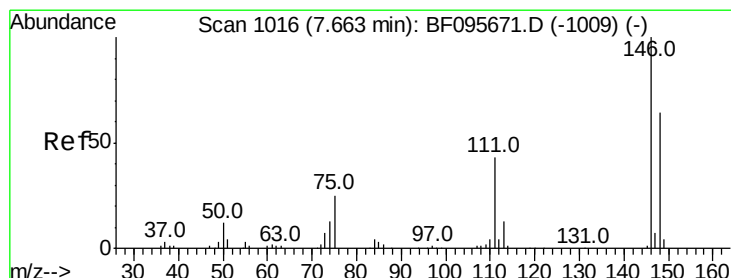
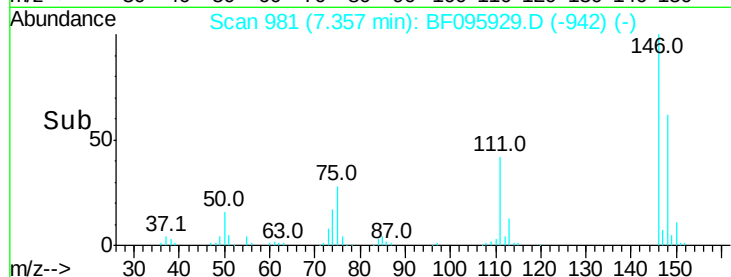
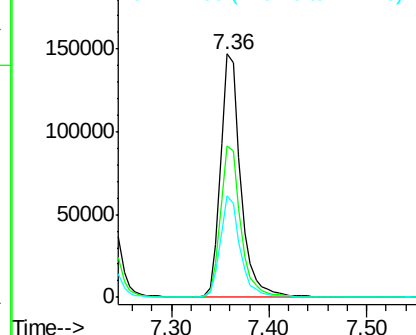
#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 7.36 min Scan# 981
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 211358
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.2 78.2
 111 41.7 30.3 45.5

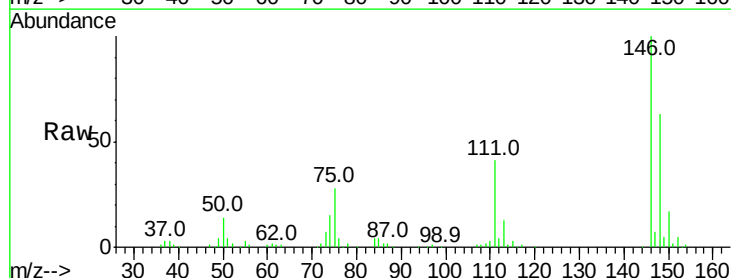


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

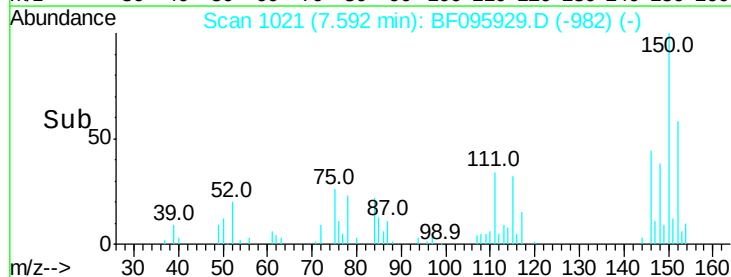
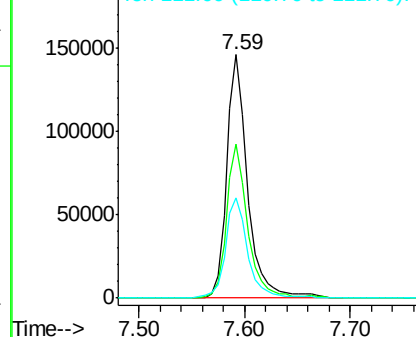


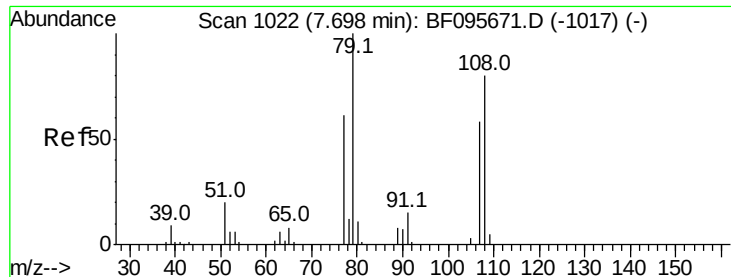
#14
 1,2-Dichlorobenzene
 Concen: 40.20 ng
 RT: 7.59 min Scan# 1021
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:146 Resp: 201050
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 41.3 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

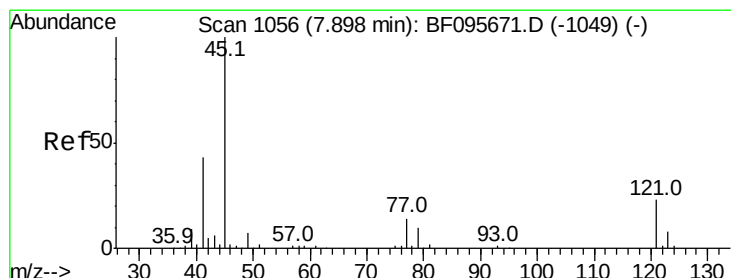
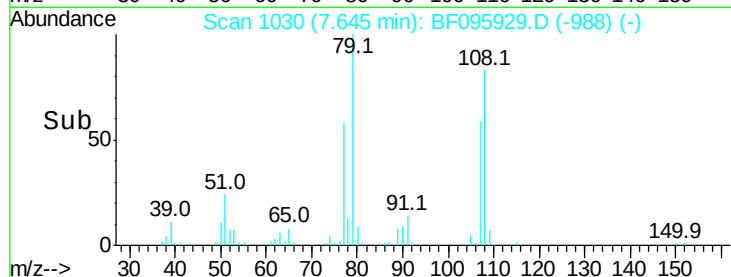
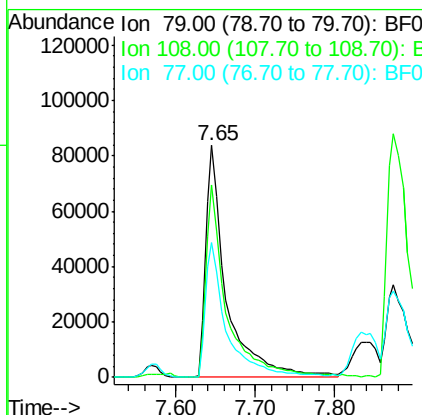
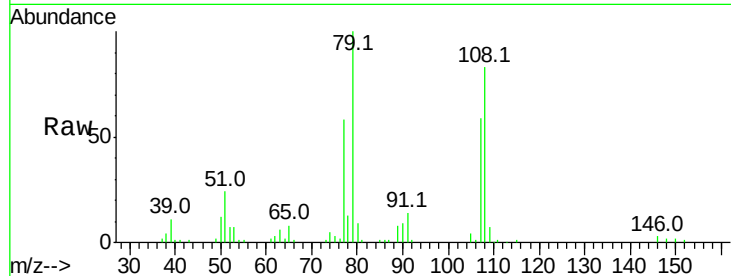




#15
Benzyl Alcohol
Concen: 41.73 ng
RT: 7.65 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

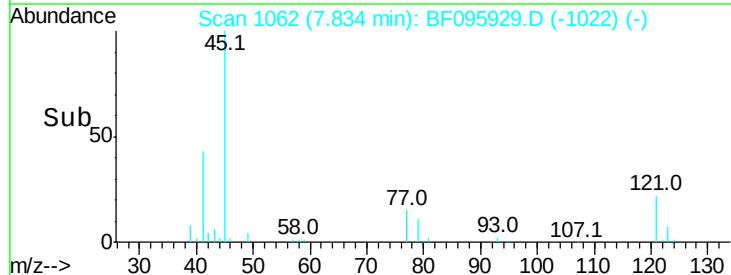
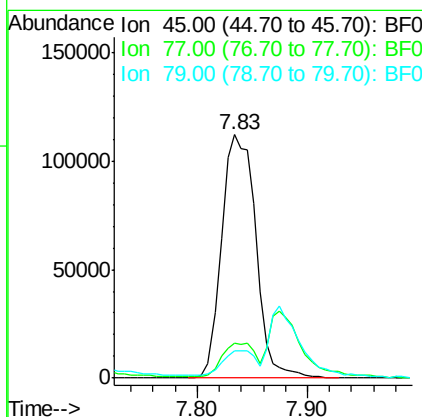
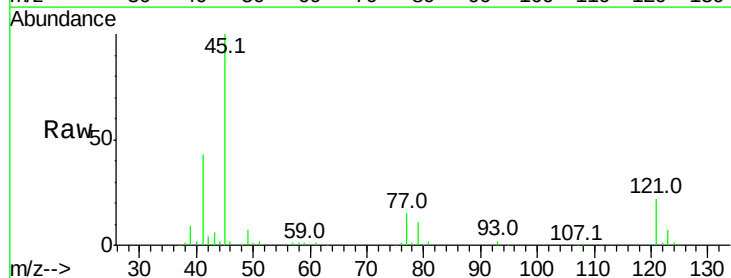
Instrument :
BNA_F
ClientSampled :

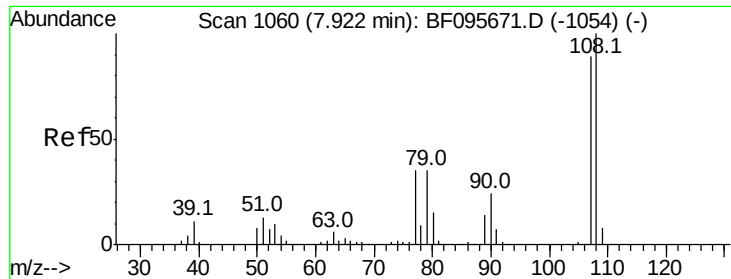
Tot Ion: 79 Resp: 152433
Ion Ratio Lower Upper
79 100
108 83.4 63.4 95.0
77 58.3 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.56 ng
RT: 7.83 min Scan# 1062
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion: 45 Resp: 243051
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.2
79 11.2 0.0 30.0

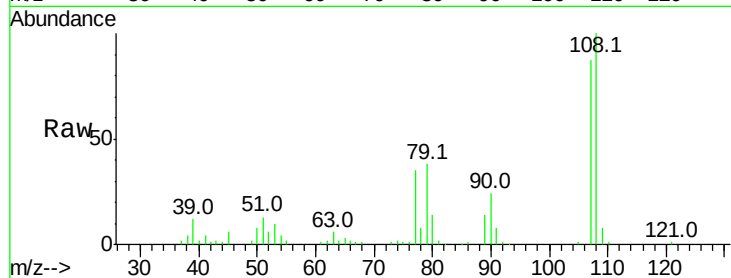




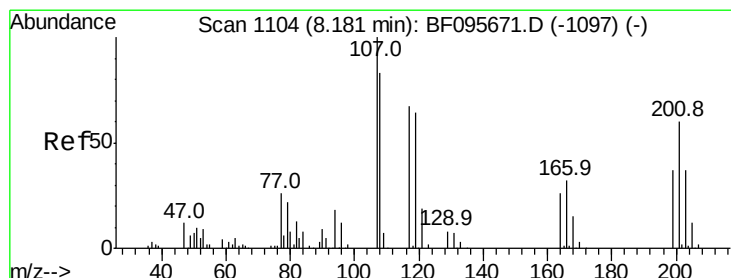
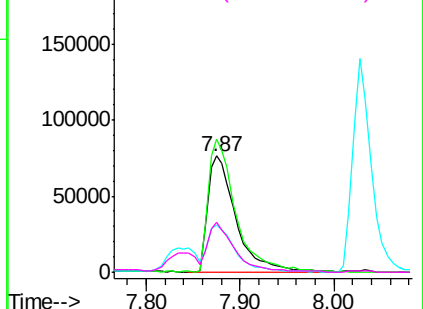
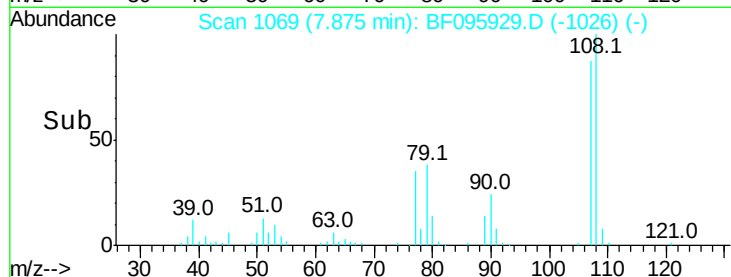
#17
2-Methylphenol
Concen: 40.63 ng
RT: 7.87 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 161162
Ion Ratio Lower Upper
107 100
108 115.0 93.4 140.0
77 40.5 35.8 53.6
79 43.5 34.8 52.2

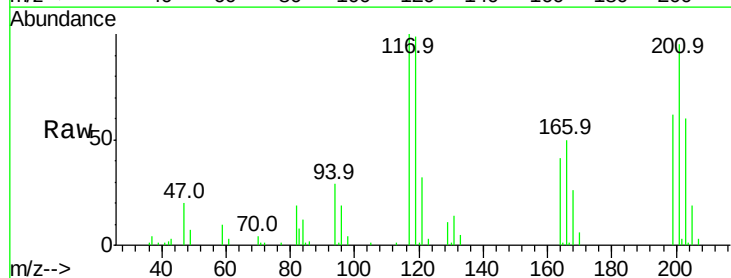


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

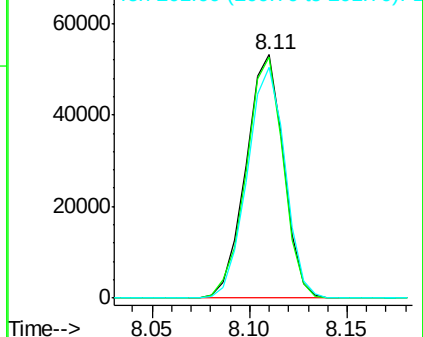
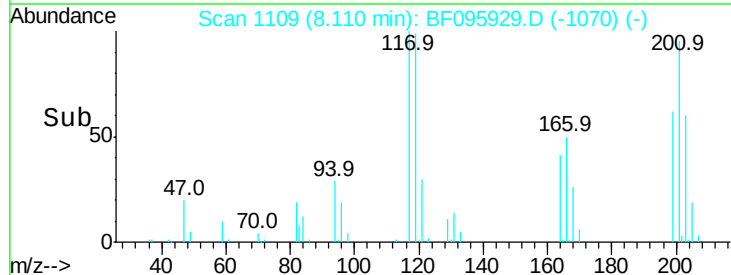


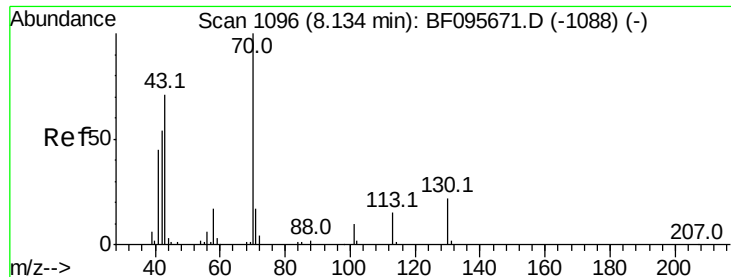
#18
Hexachloroethane
Concen: 39.74 ng
RT: 8.11 min Scan# 1109
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:117 Resp: 71205
Ion Ratio Lower Upper
117 100
119 99.2 77.4 116.0
201 94.9 94.6 141.8



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

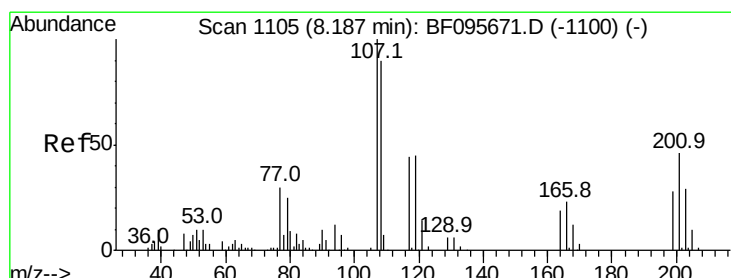
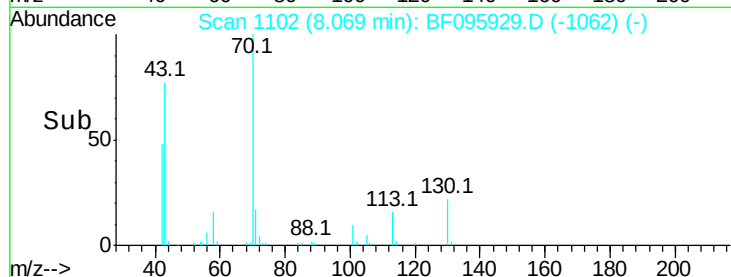
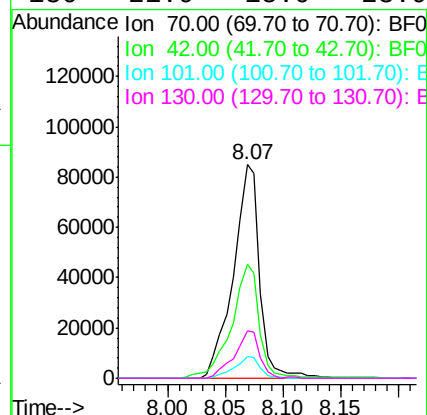
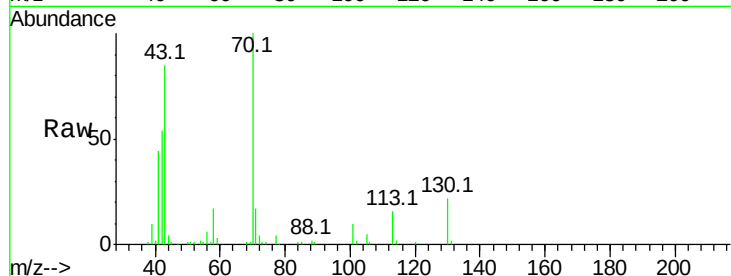




#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 8.07 min Scan# 1102
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

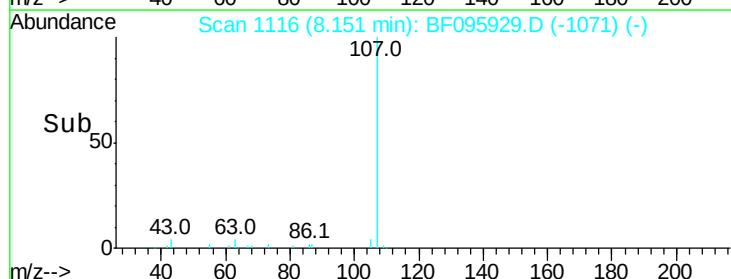
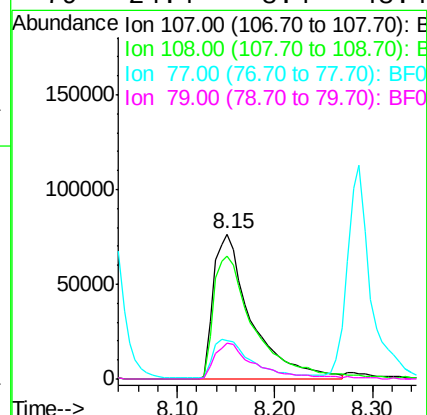
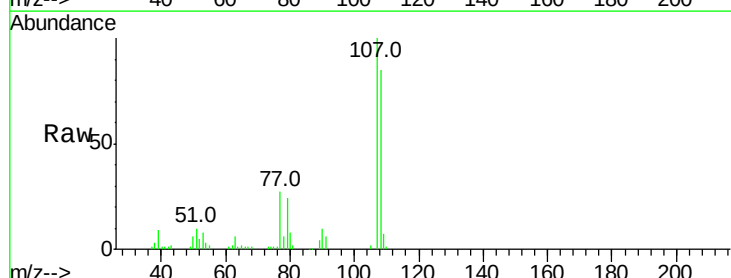
Instrument :
BNA_F
ClientSampleId :

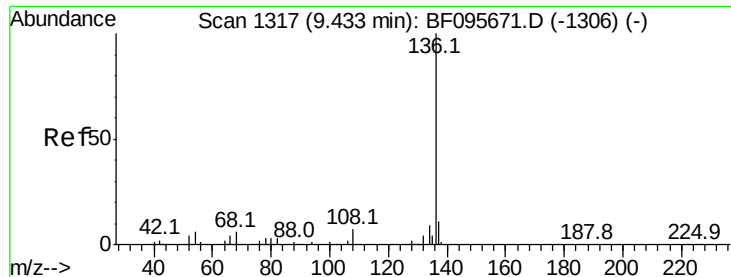
Tot Ion:	70	Resp:	134047
Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.2	70.8
101	10.3	7.2	10.8
130	21.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.75 ng
RT: 8.15 min Scan# 1116
Delta R.T. -0.04 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:	107	Resp:	205162
Ion	Ratio	Lower	Upper
107	100		
108	85.2	71.0	111.0
77	26.7	90.5	130.5#
79	24.4	8.4	48.4

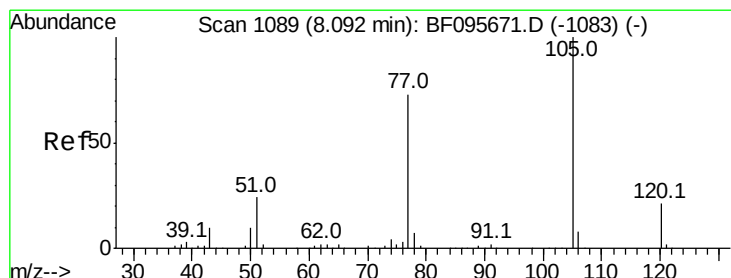
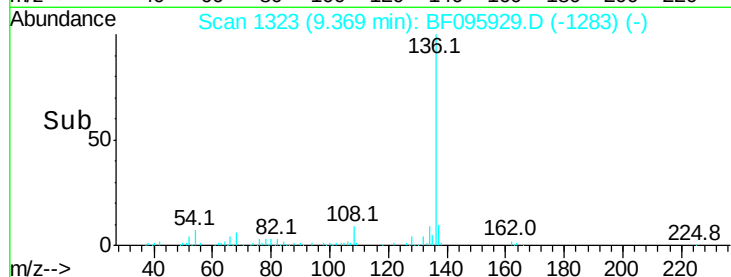
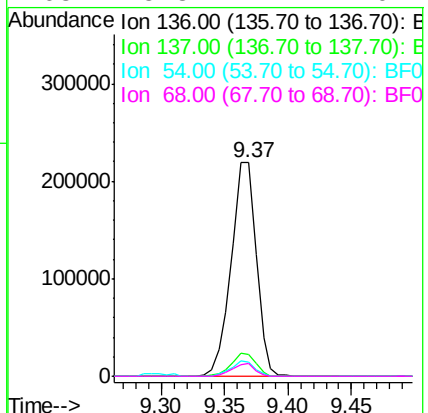
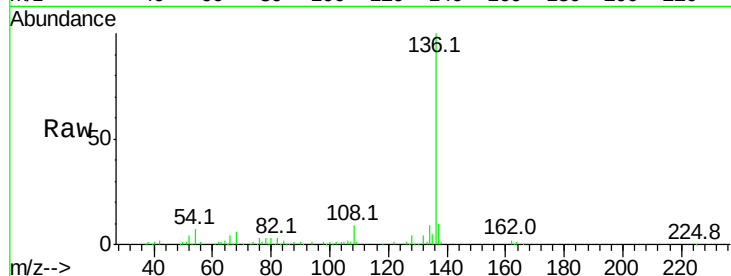




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.37 min Scan# 1323
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

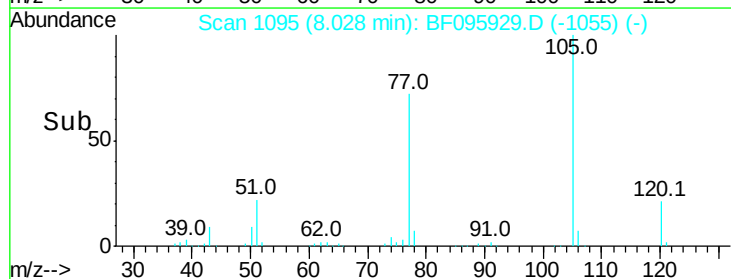
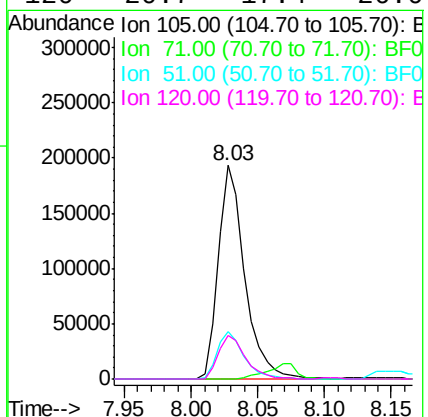
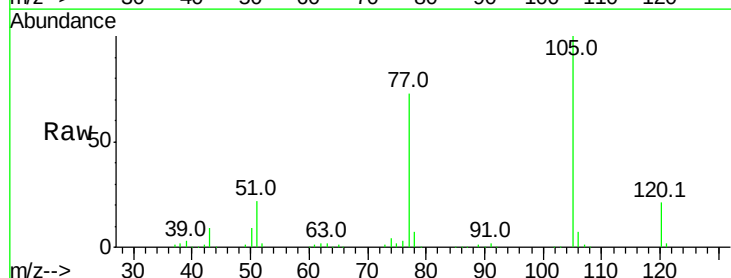
Instrument :
BNA_F
ClientSampleId :

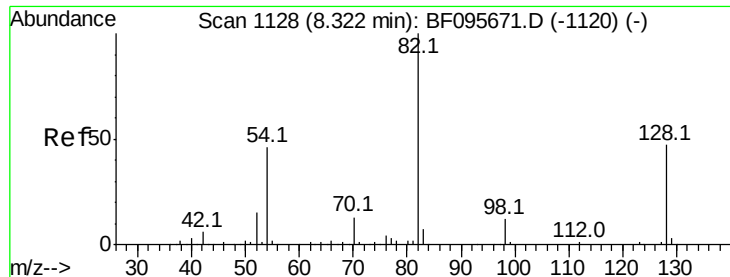
Tot Ion:136	Resp:	300099
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.5	12.7
54 6.6	4.9	7.3
68 5.8	4.1	6.1



#22
Acetophenone
Concen: 38.41 ng
RT: 8.03 min Scan# 1095
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt	Ion:105	Resp:	269789
Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	22.4	30.7	46.1#
120	20.7	17.4	26.0

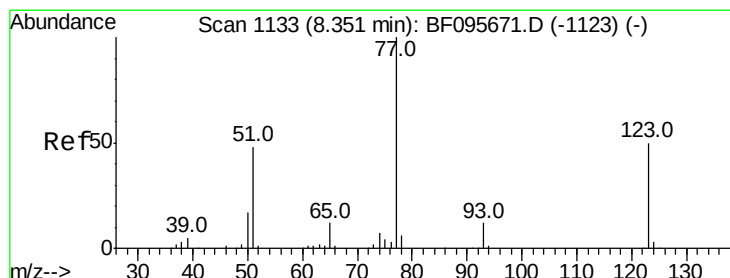
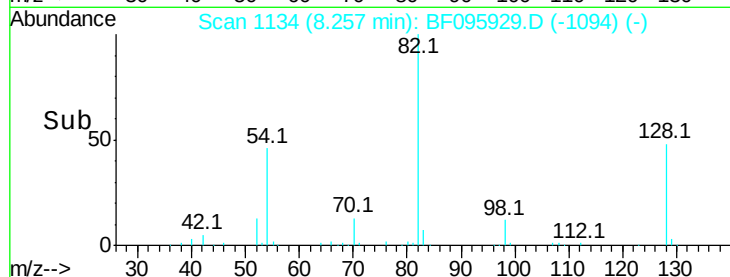
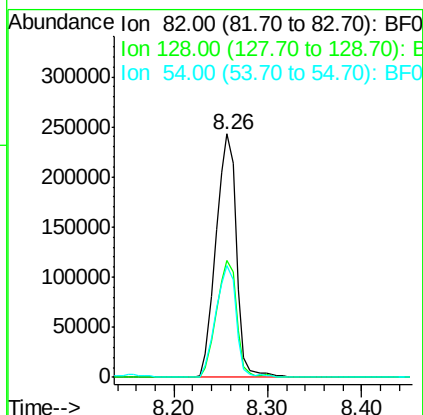
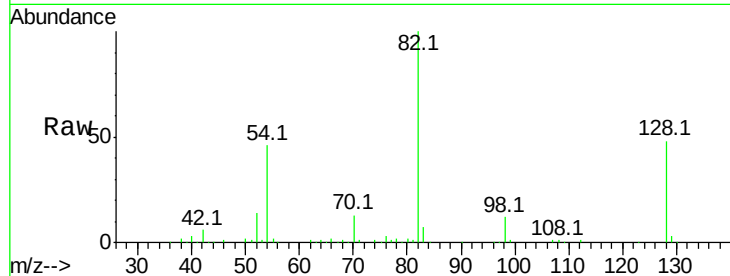




#23
Nitrobenzene-d5
Concen: 76.80 ng
RT: 8.26 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

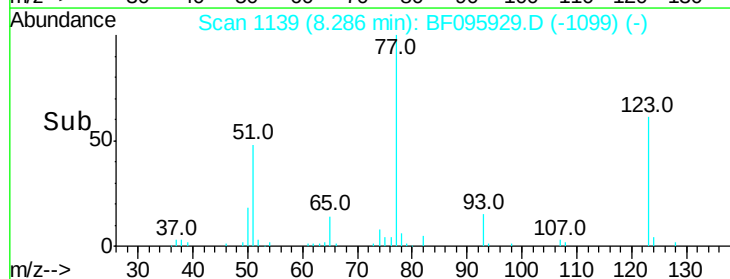
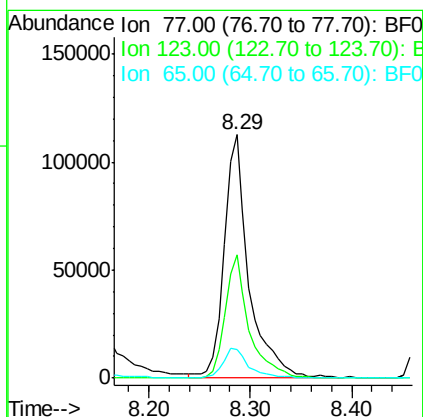
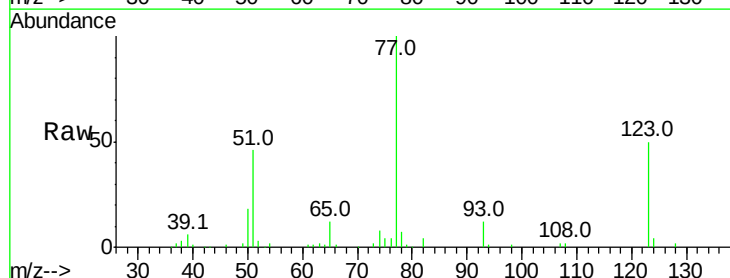
Instrument :
BNA_F
ClientSampleId :

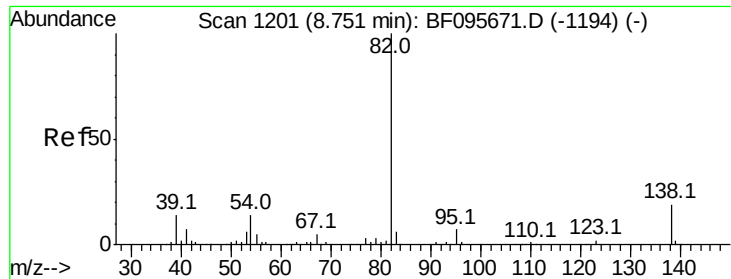
Tot Ion: 82 Resp: 371131
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 46.0 42.2 63.2



#24
Nitrobenzene
Concen: 36.28 ng
RT: 8.29 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion: 77 Resp: 187283
Ion Ratio Lower Upper
77 100
123 50.4 35.8 53.8
65 12.0 10.6 15.8





#25

Isophorone

Concen: 37.70 ng

RT: 8.69 min Scan# 1208

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :
BNA_F
ClientSampled :

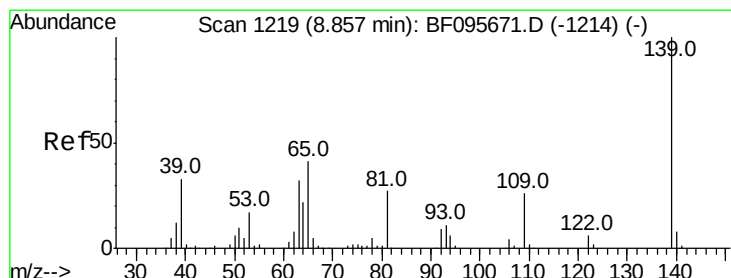
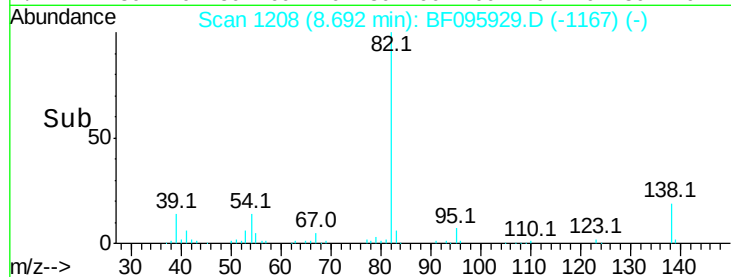
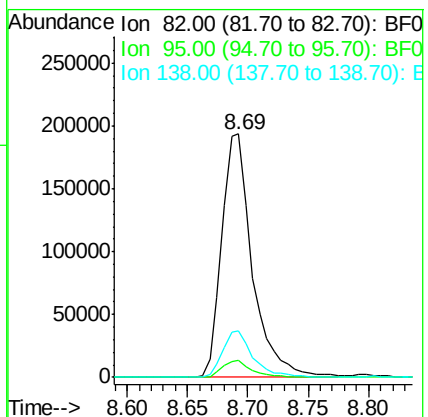
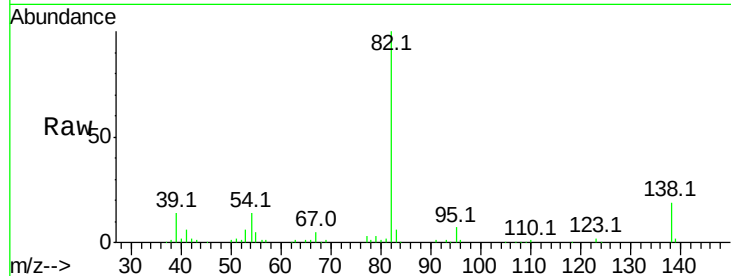
Tot Ion: 82 Resp: 340135

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 39.64 ng

RT: 8.80 min Scan# 1226

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

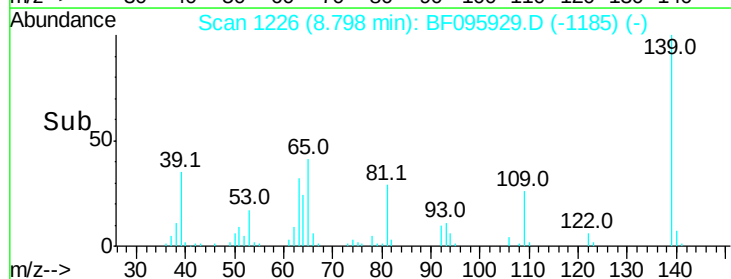
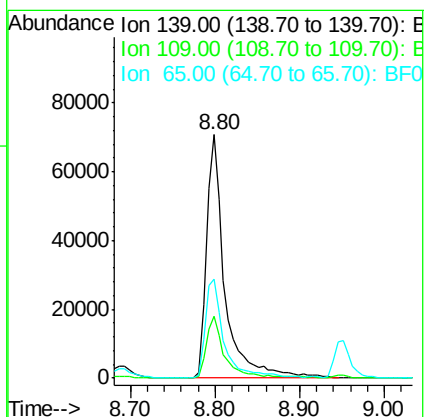
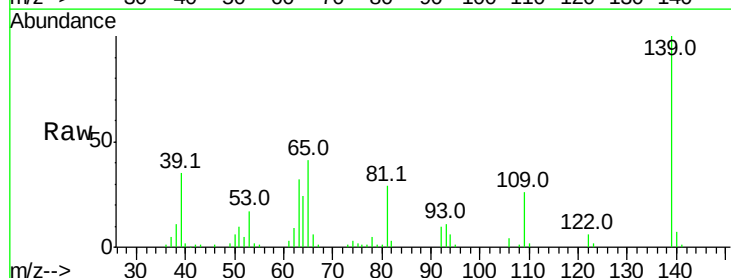
Tgt Ion: 139 Resp: 107134

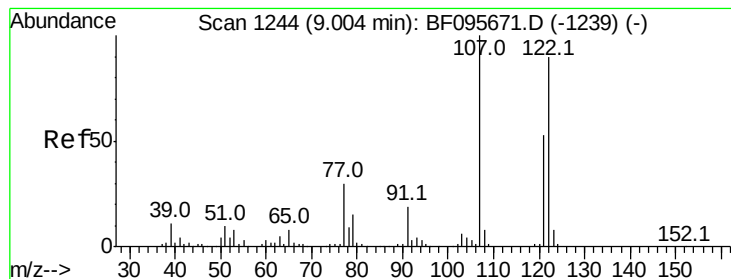
Ion Ratio Lower Upper

139 100

109 25.6 21.0 31.6

65 40.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.75 ng

RT: 8.95 min Scan# 1252

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampled :

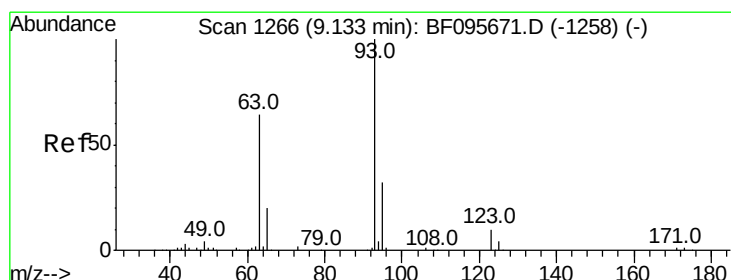
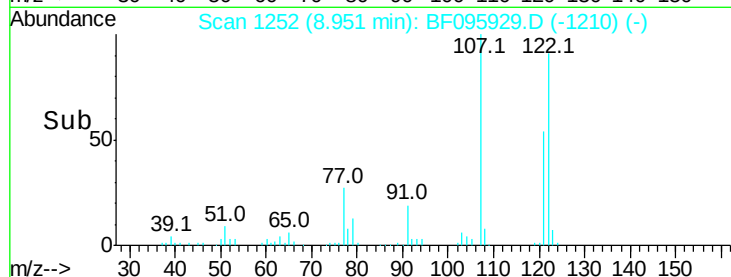
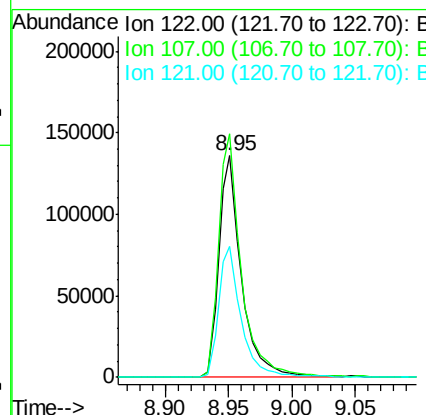
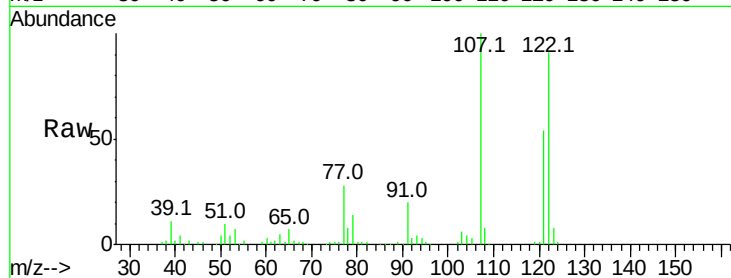
Tot Ion:122 Resp: 170951

Ion Ratio Lower Upper

122 100

107 109.8 89.2 133.8

121 58.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.09 ng

RT: 9.07 min Scan# 1272

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

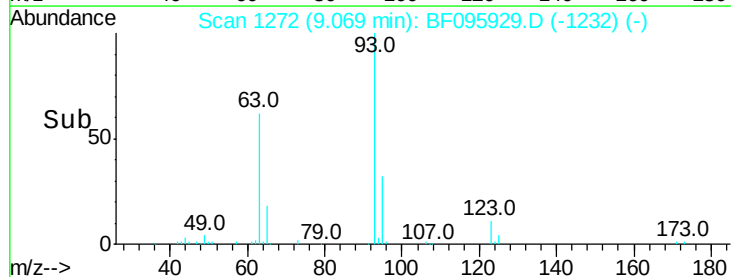
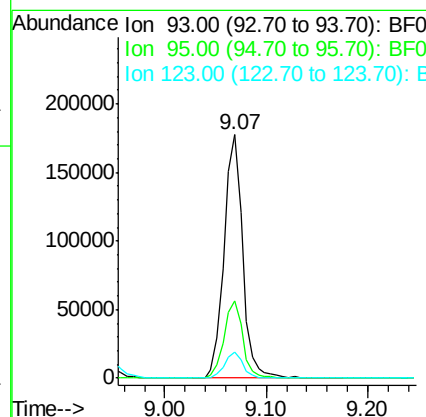
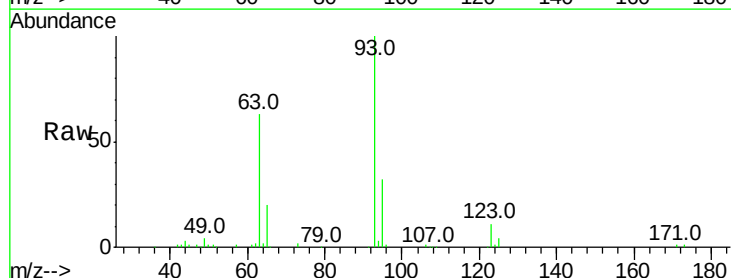
Tgt Ion: 93 Resp: 226515

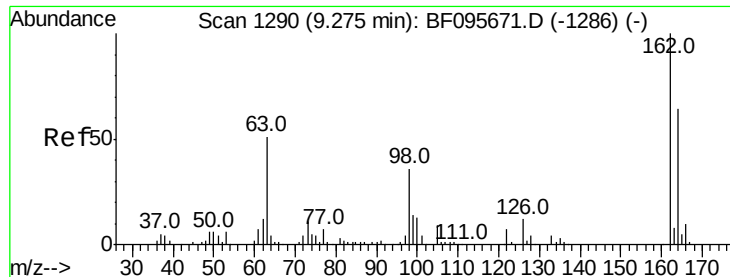
Ion Ratio Lower Upper

93 100

95 31.7 26.5 39.7

123 10.9 9.0 13.4

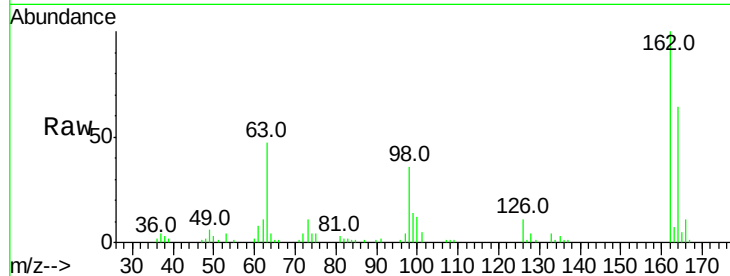




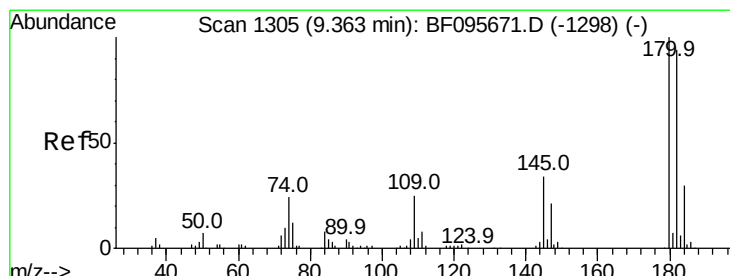
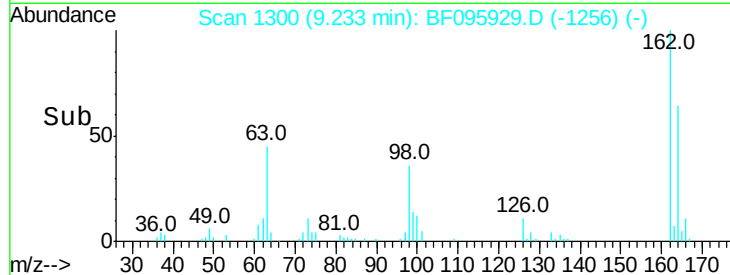
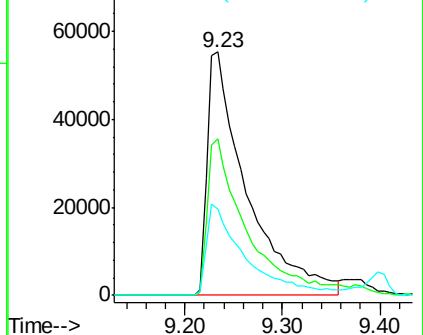
#29
 2,4-Dichlorophenol
 Concen: 38.57 ng
 RT: 9.23 min Scan# 1300
 Delta R.T. -0.04 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	35.5	14.8	54.8

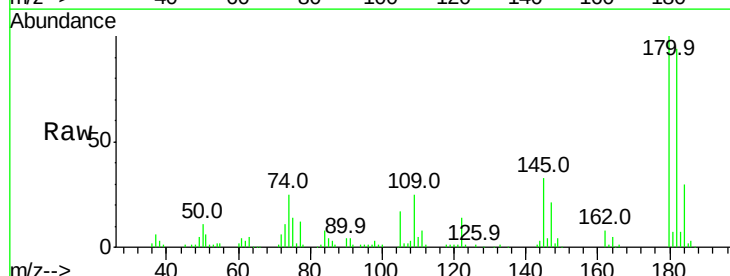


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

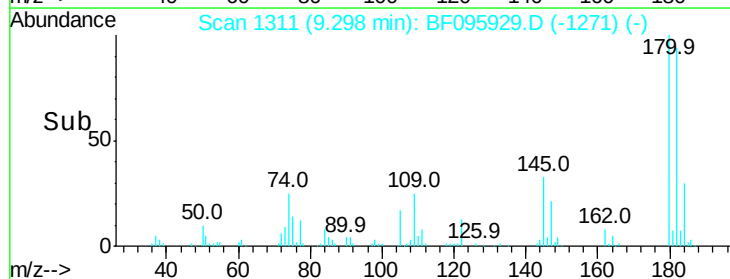
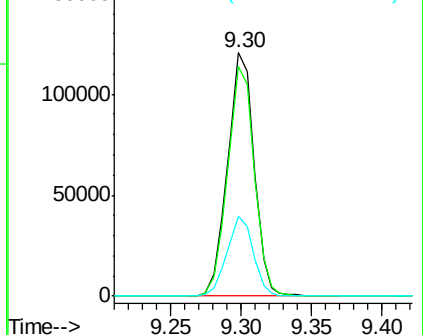


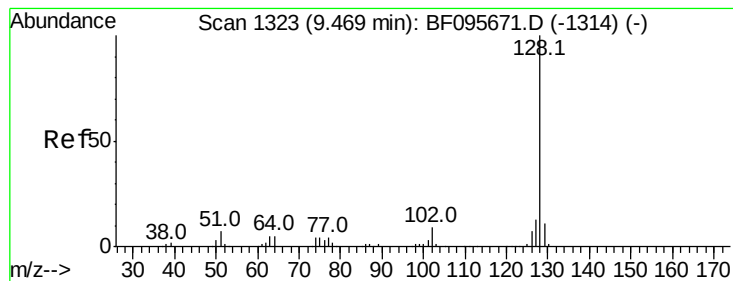
#30
 1,2,4-Trichlorobenzene
 Concen: 37.53 ng
 RT: 9.30 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	32.9	25.3	37.9



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





#31

Naphthalene

Concen: 37.20 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.07 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

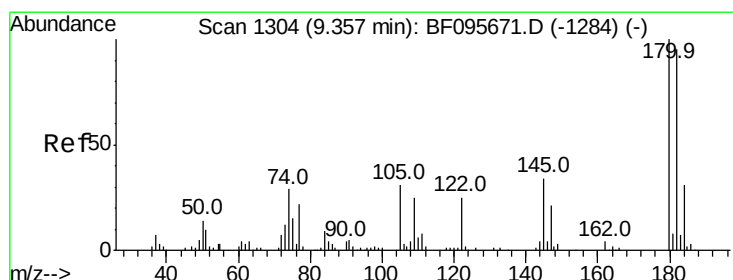
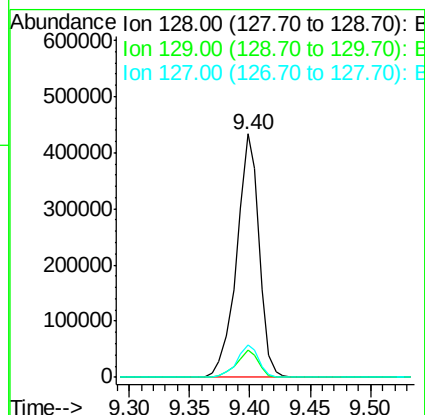
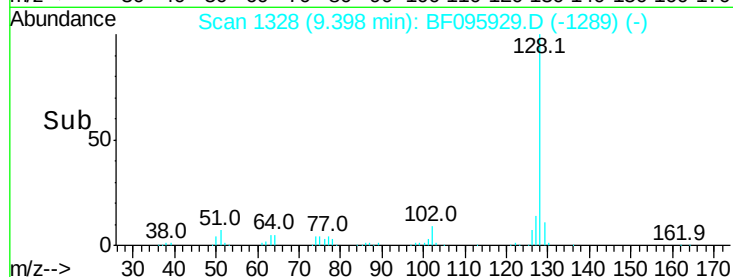
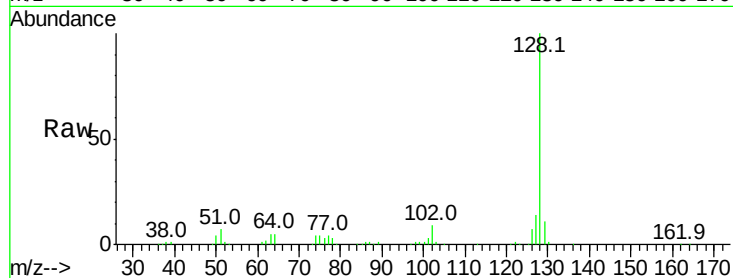
Tot Ion:128 Resp: 560243

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 34.95 ng

RT: 9.33 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

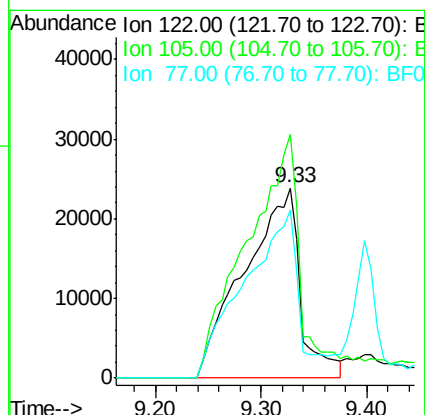
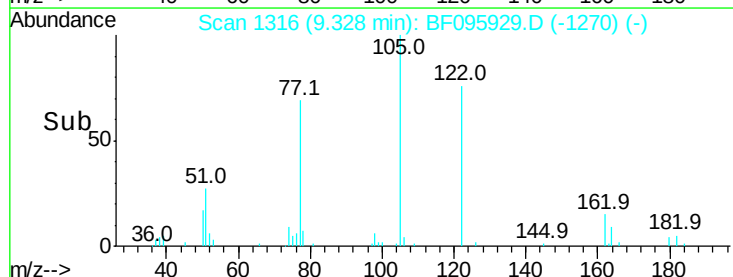
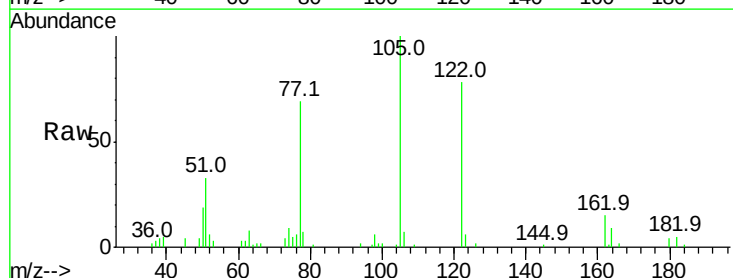
Tgt Ion:122 Resp: 87553

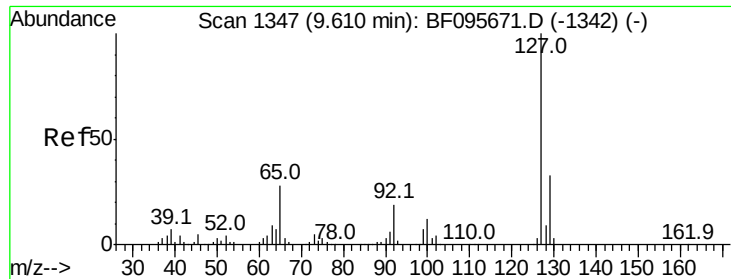
Ion Ratio Lower Upper

122 100

105 127.8 103.3 143.3

77 88.6 73.7 113.7

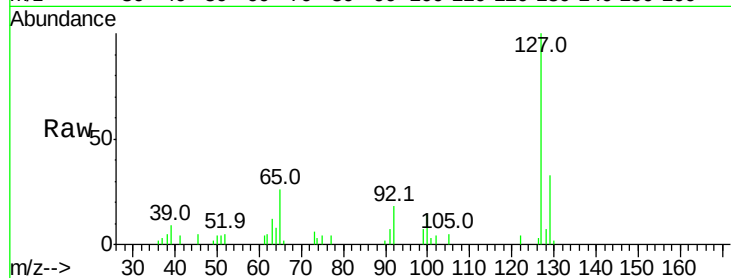




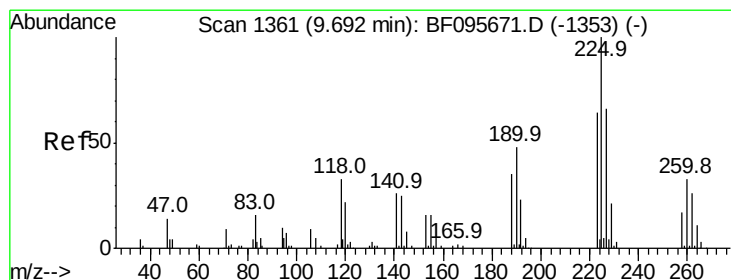
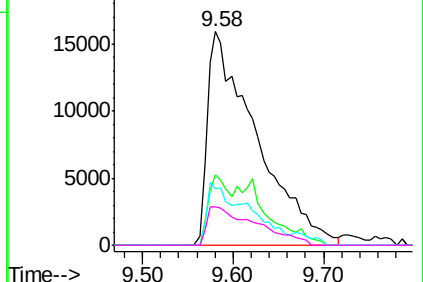
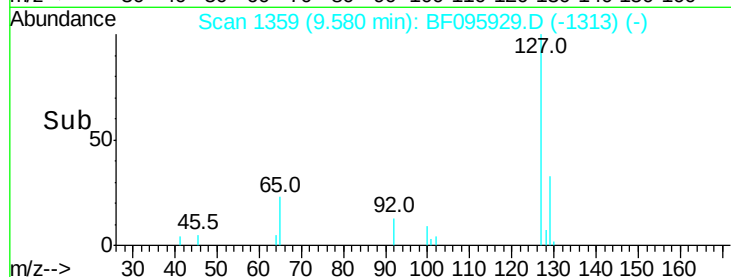
#33
4-Chloroaniline
Concen: 10.15 ng
RT: 9.58 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	59759
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	26.5	27.8	41.8#
92	18.2	16.8	25.2

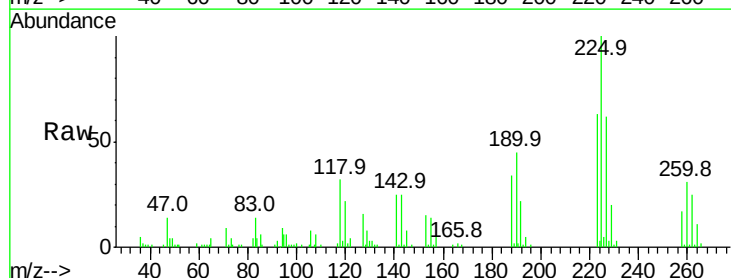


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

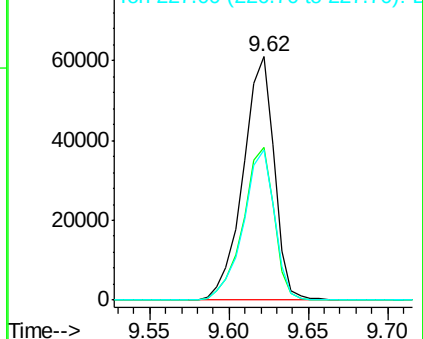
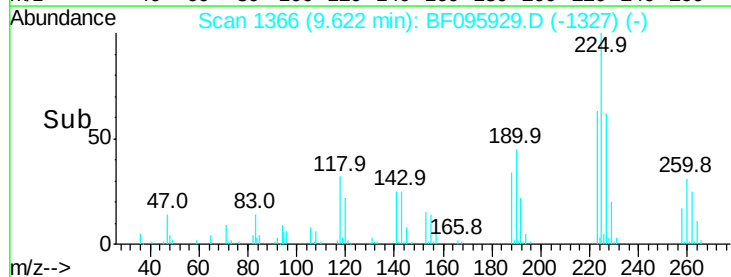


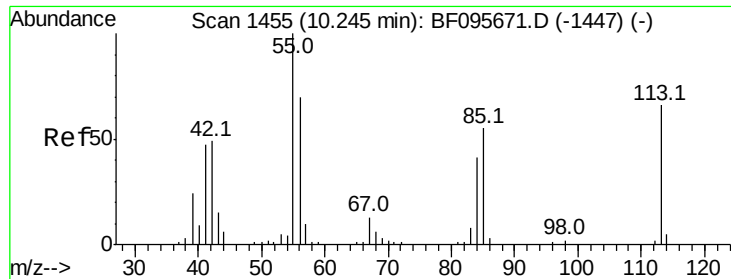
#34
Hexachlorobutadiene
Concen: 38.31 ng
RT: 9.62 min Scan# 1366
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:	225	Resp:	83211
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	61.9	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

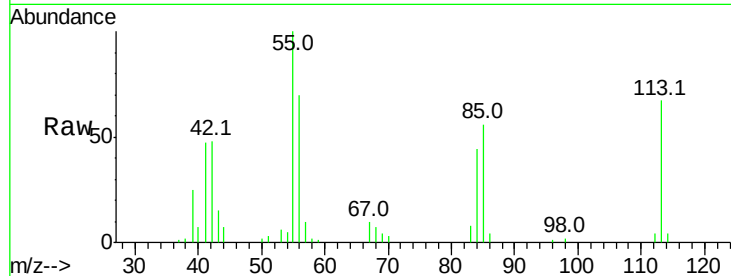




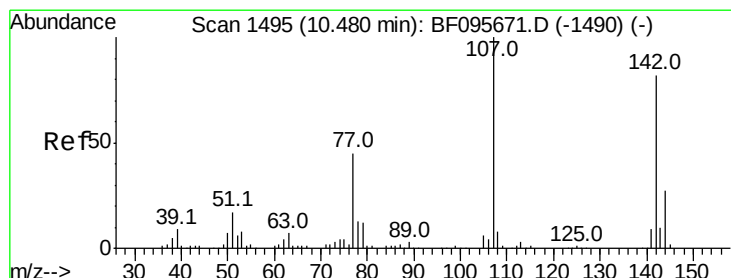
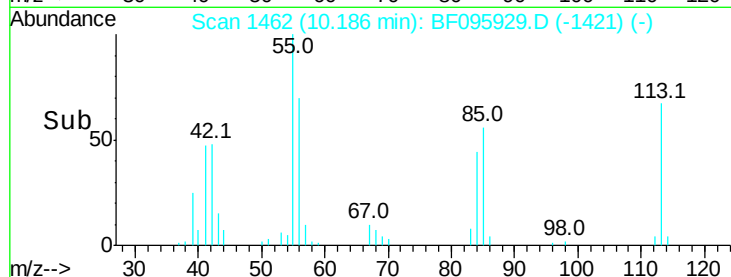
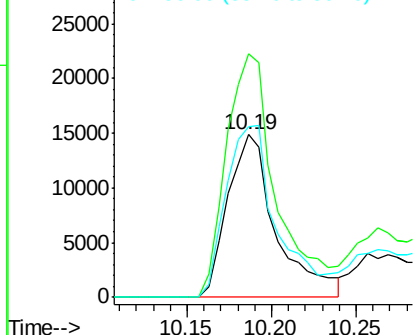
#35
 Caprolactam
 Concen: 24.74 ng
 RT: 10.19 min Scan# 1462
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 29740
 Ion Ratio Lower Upper
 113 100
 55 149.9 150.2 190.2#
 56 105.4 107.8 147.8#

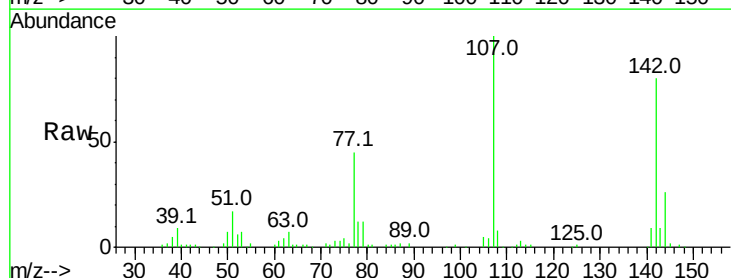


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

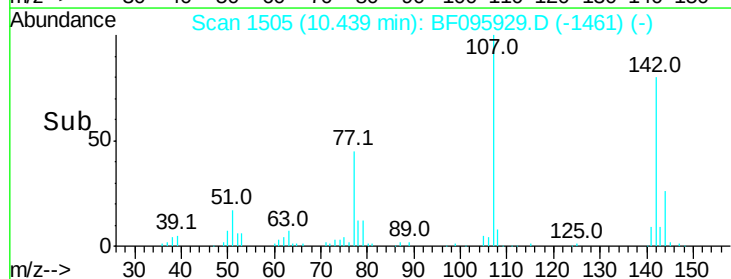
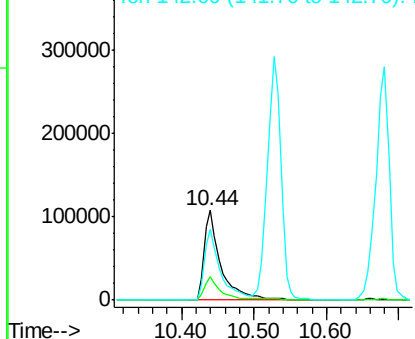


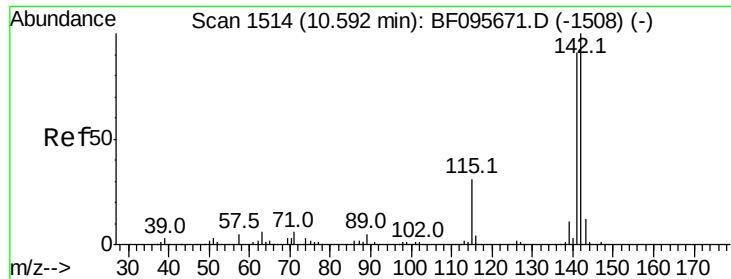
#36
 4-Chloro-3-methylphenol
 Concen: 40.81 ng
 RT: 10.44 min Scan# 1505
 Delta R.T. -0.04 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:107 Resp: 172564
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 79.5 73.4 110.0



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

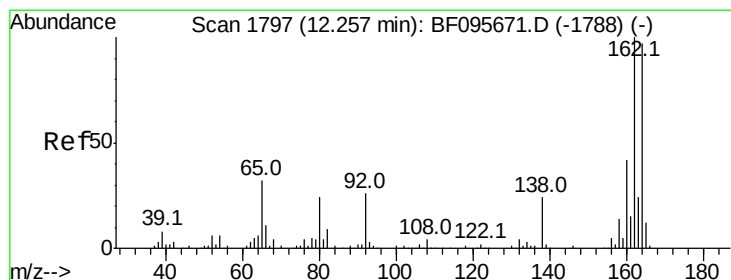
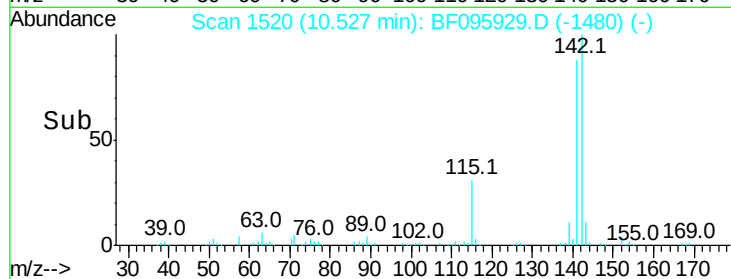
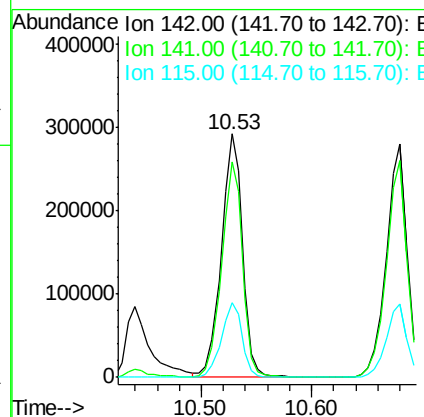
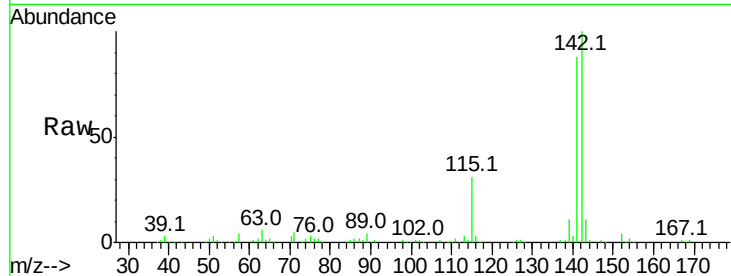




#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 10.53 min Scan# 1520
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

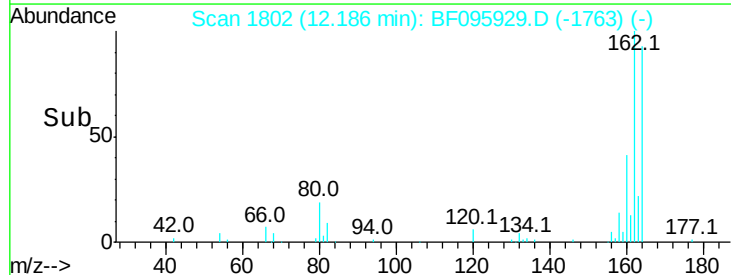
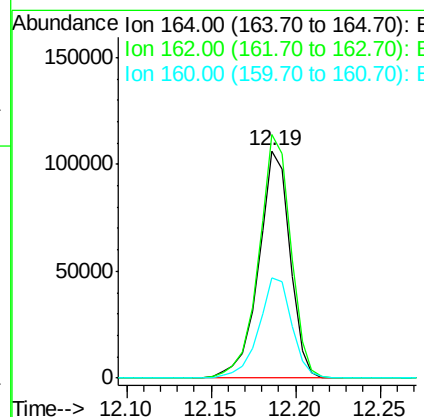
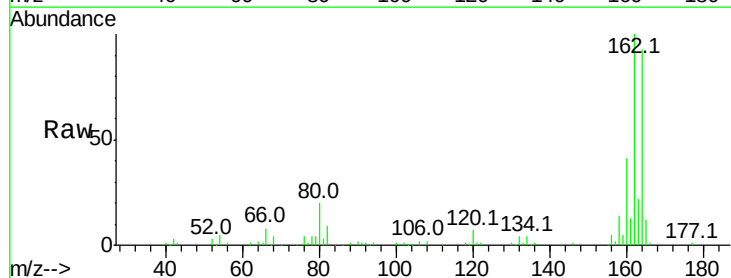
Instrument :
BNA_F
ClientSampleId :

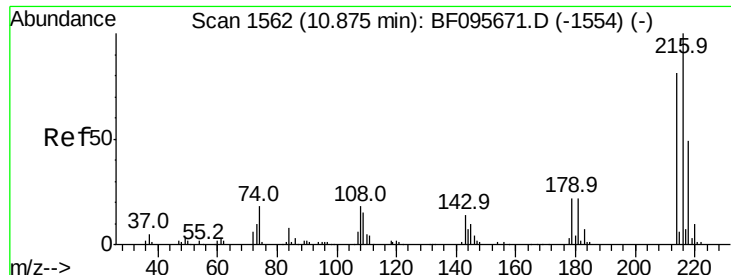
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	30.6	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.6	123.8
160	44.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.74 ng

RT: 10.81 min Scan# 1568

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 151157

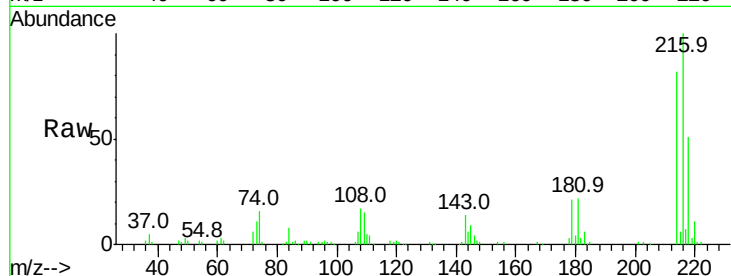
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.2

179 21.0 17.9 26.9

108 19.0 16.5 24.7

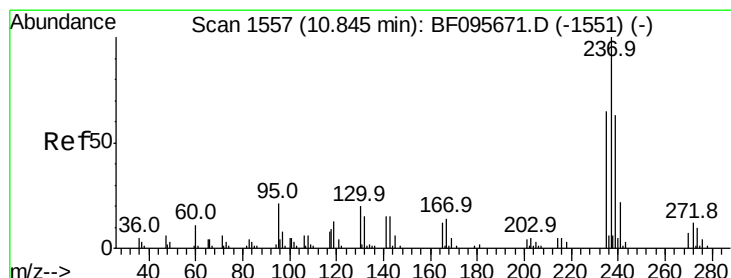
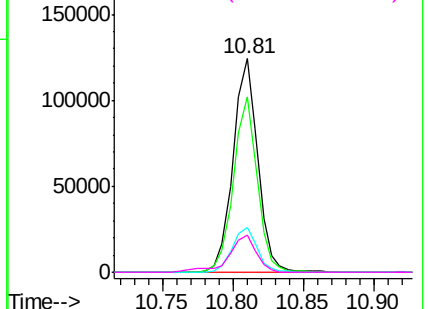
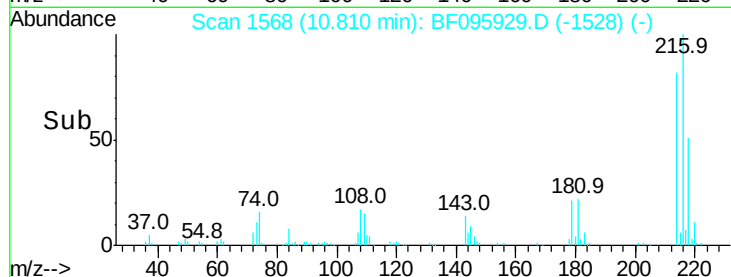


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.17 ng

RT: 10.78 min Scan# 1563

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

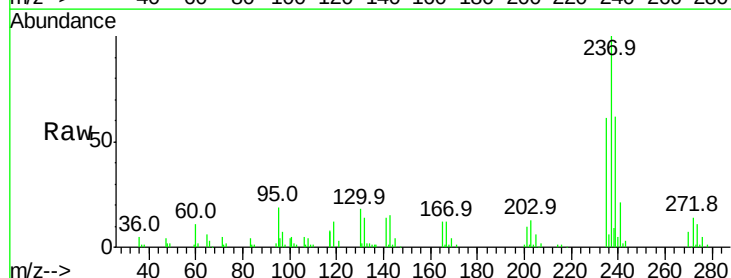
Tgt Ion:237 Resp: 80932

Ion Ratio Lower Upper

237 100

235 60.9 42.6 82.6

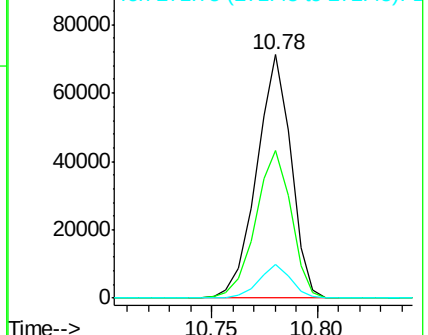
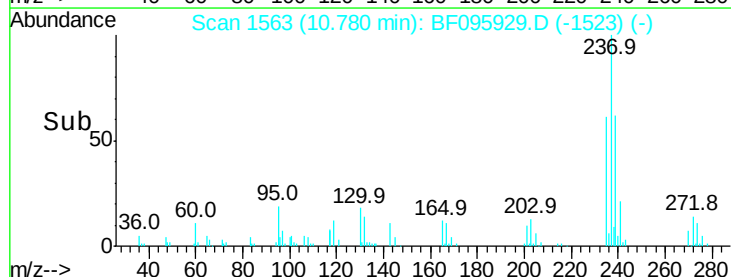
272 14.0 0.0 31.9

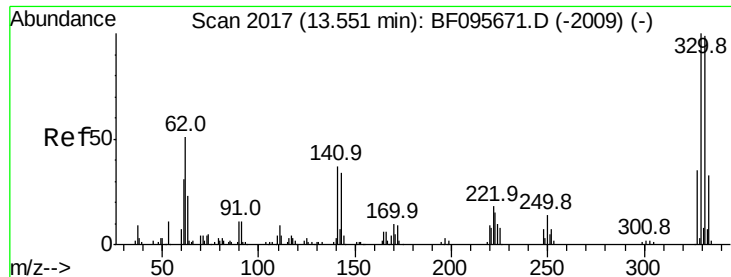


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

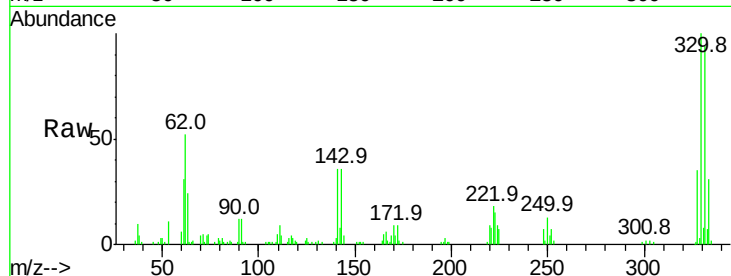




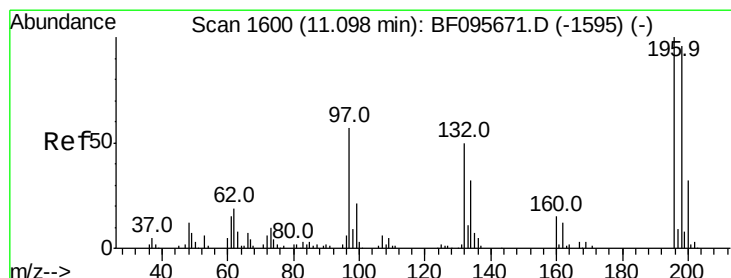
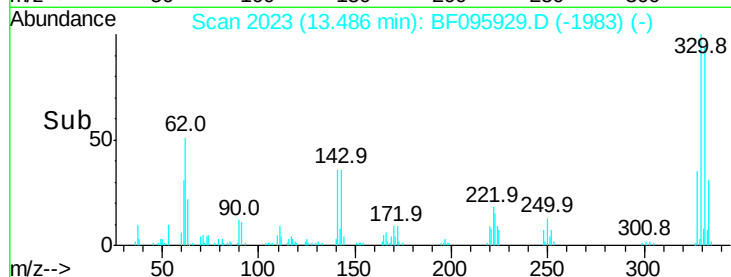
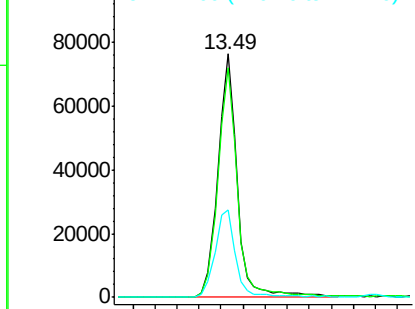
#41
 2,4,6-Tribromophenol
 Concen: 76.53 ng
 RT: 13.49 min Scan# 2023
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 93091
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.5 31.4 47.2

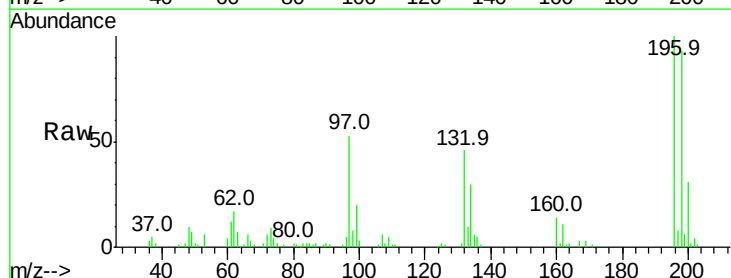


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

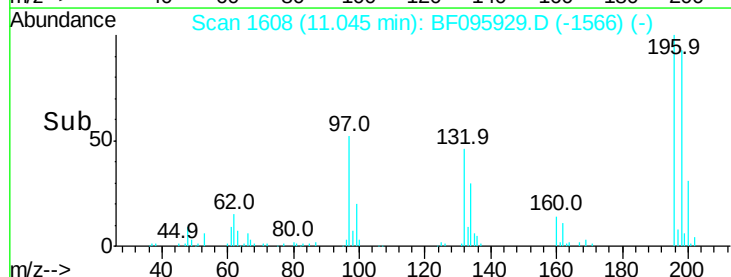
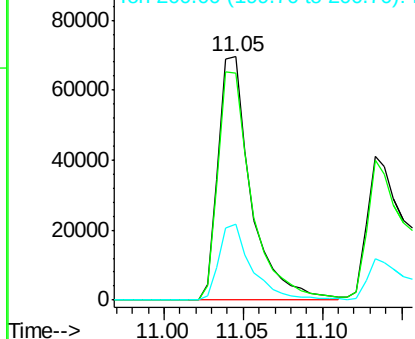


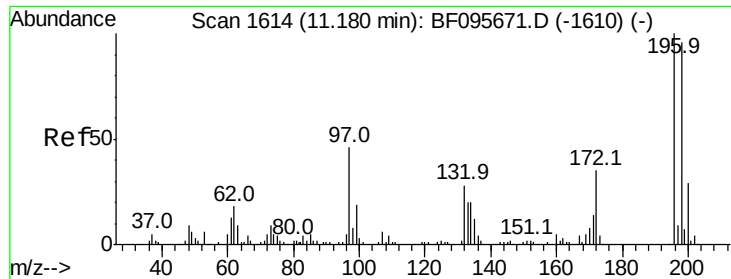
#42
 2,4,6-Trichlorophenol
 Concen: 38.04 ng
 RT: 11.05 min Scan# 1608
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:196 Resp: 100633
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.2 111.4
 200 31.3 24.0 36.0



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

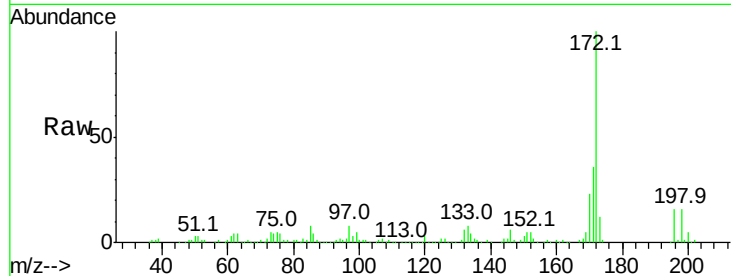




#43
 2,4,5-Trichlorophenol
 Concen: 35.79 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.7	113.5
97	48.6	47.7	71.5
132	34.2	28.0	42.0



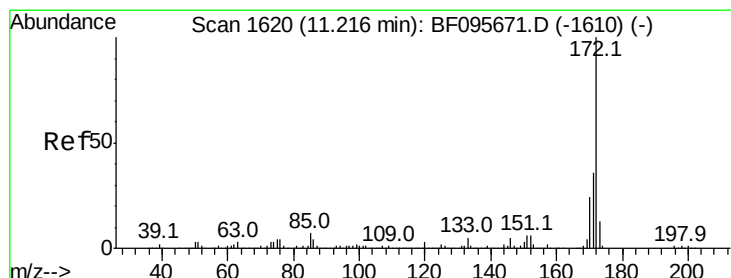
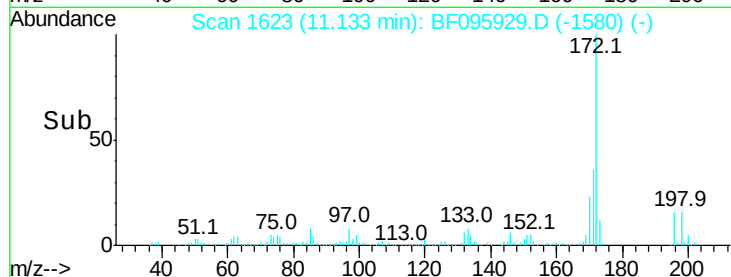
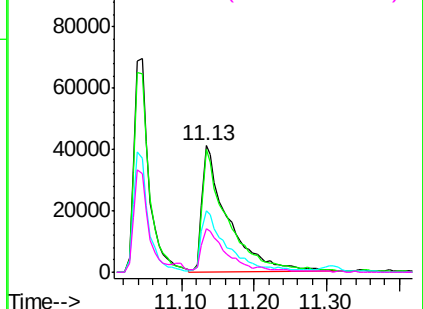
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

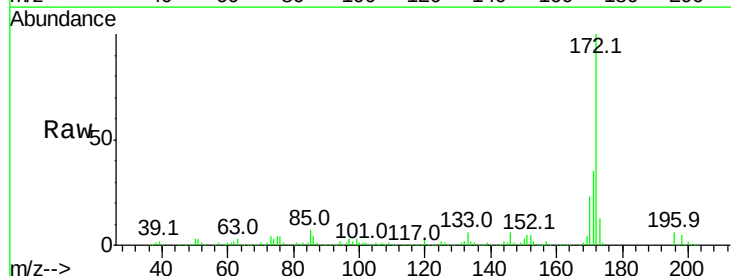
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.12 ng
 RT: 11.15 min Scan# 1625
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	22.7	19.8	29.8

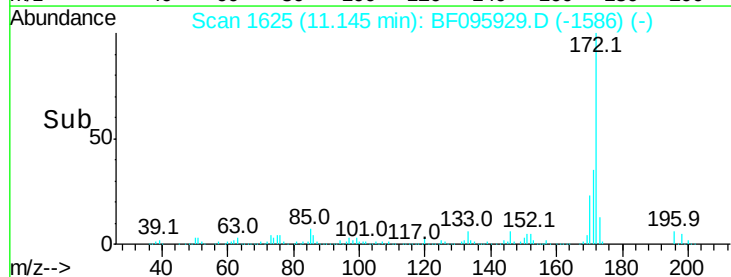
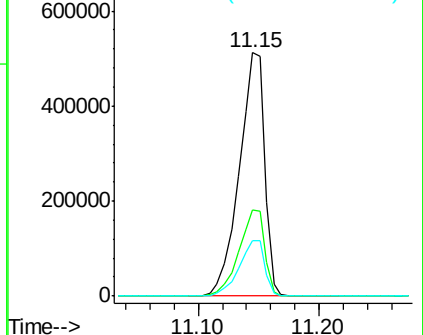


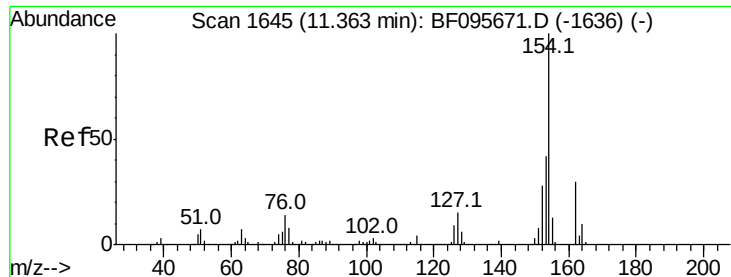
Abundance

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: 38.41 ng

RT: 11.30 min Scan# 1651

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

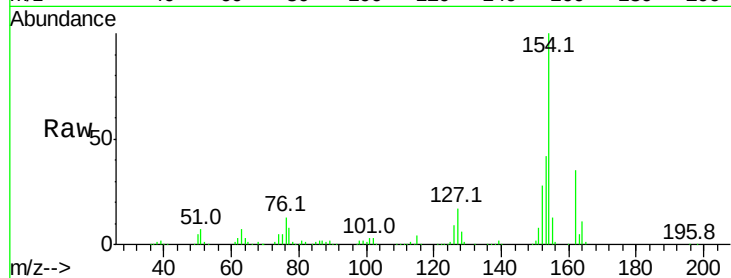
Tot Ion:154 Resp: 435253

Ion Ratio Lower Upper

154 100

153 42.0 21.2 61.2

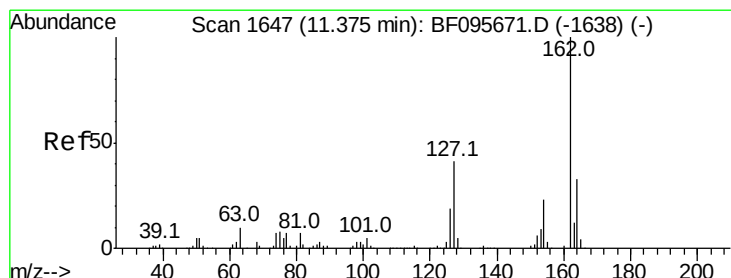
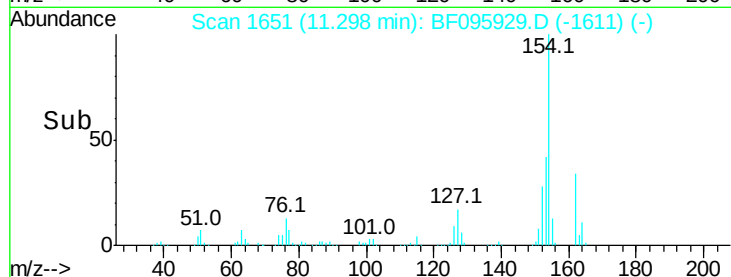
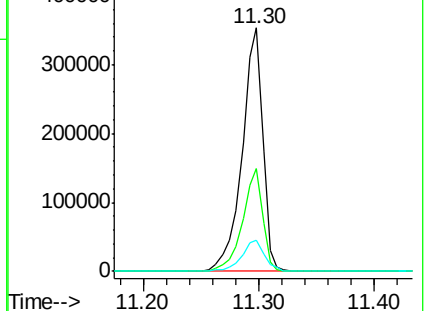
76 13.0 0.0 29.9



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: 38.02 ng

RT: 11.31 min Scan# 1653

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

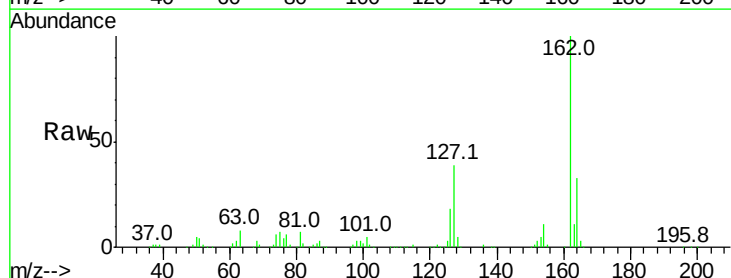
Tgt Ion:162 Resp: 336619

Ion Ratio Lower Upper

162 100

127 39.0 28.3 42.5

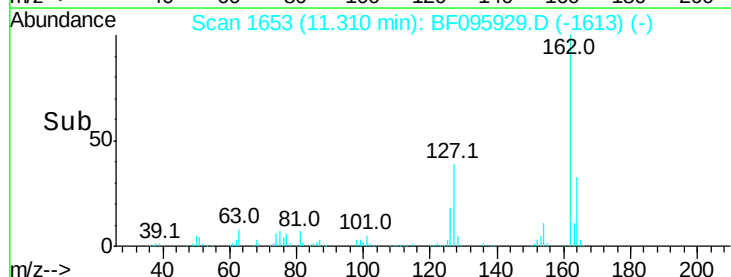
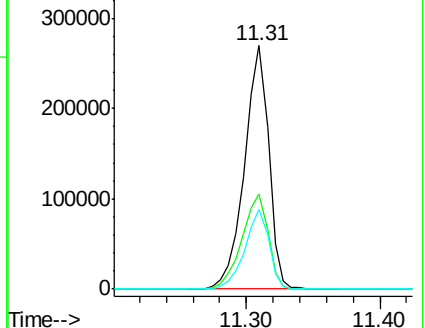
164 32.8 27.0 40.4

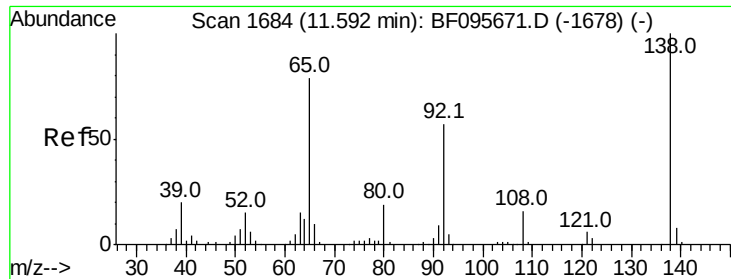


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

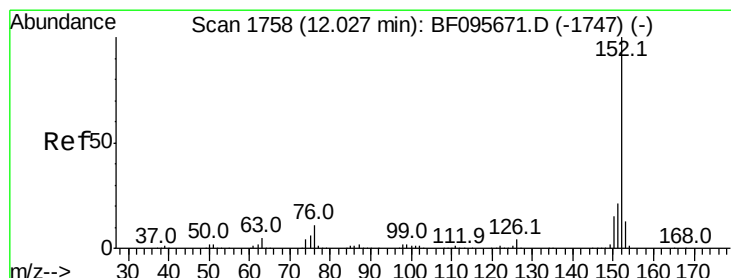
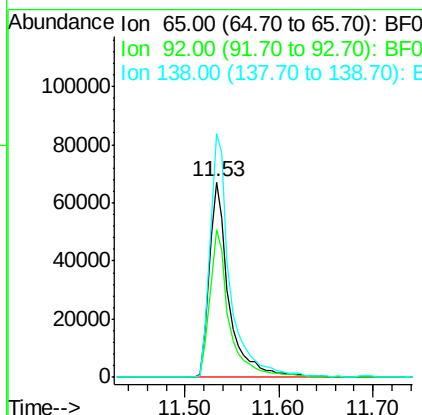
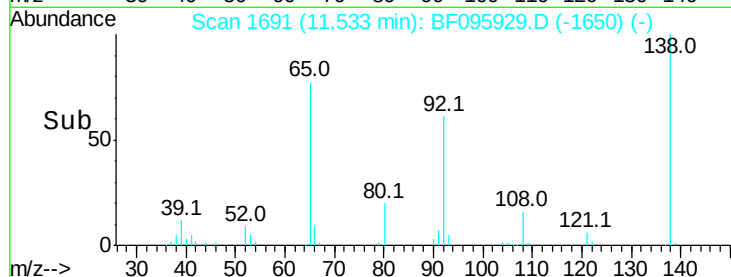
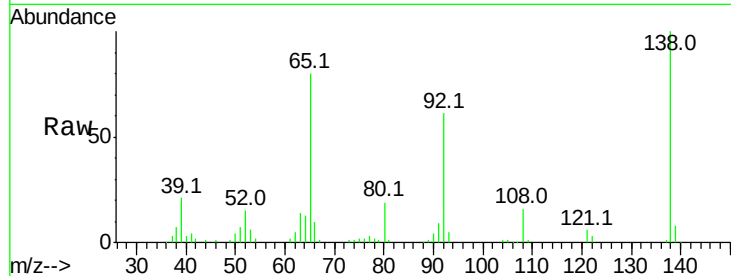




#47
 2-Nitroaniline
 Concen: 38.25 ng
 RT: 11.53 min Scan# 1691
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

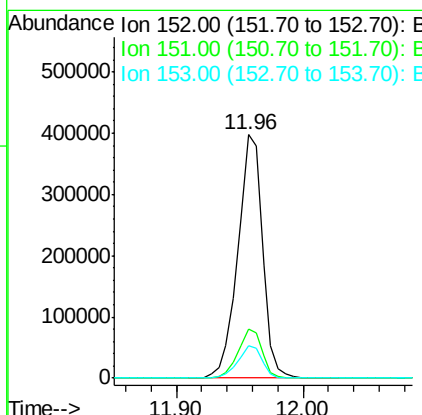
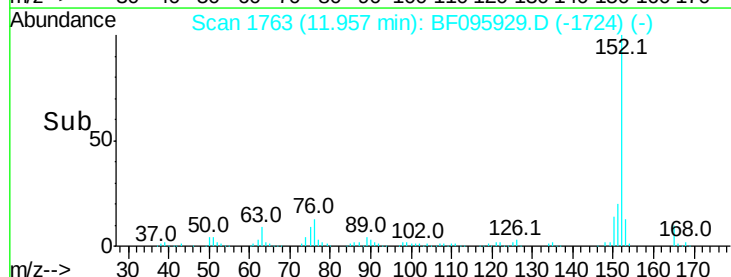
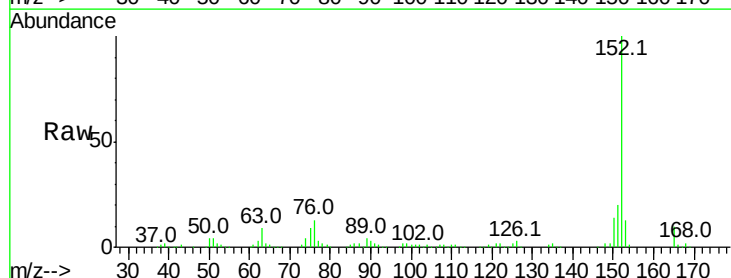
Instrument :
 BNA_F
 ClientSampled :

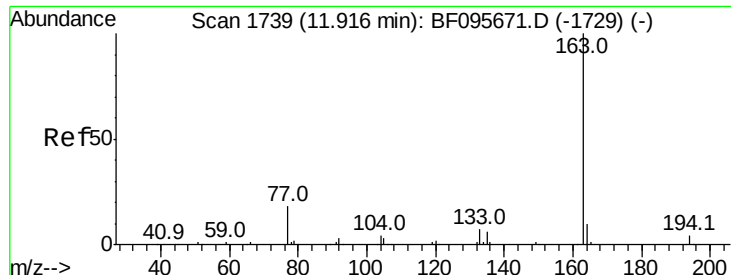
Tot Ion: 65 Resp: 99098
 Ion Ratio Lower Upper
 65 100
 92 75.5 53.9 80.9
 138 124.5 78.8 118.2#



#48
 Acenaphthylene
 Concen: 35.26 ng
 RT: 11.96 min Scan# 1763
 Delta R.T. -0.07 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:152 Resp: 533860
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.8 25.2
 153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 39.50 ng

RT: 11.86 min Scan# 1746

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

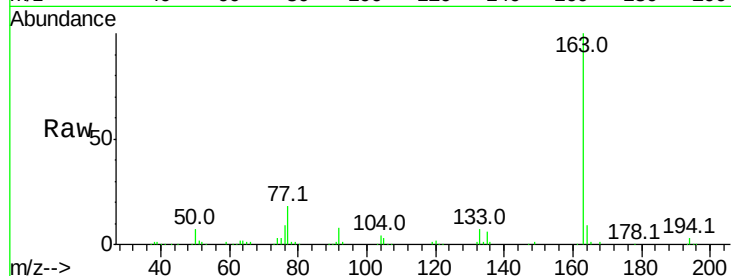
Tot Ion:163 Resp: 412352

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

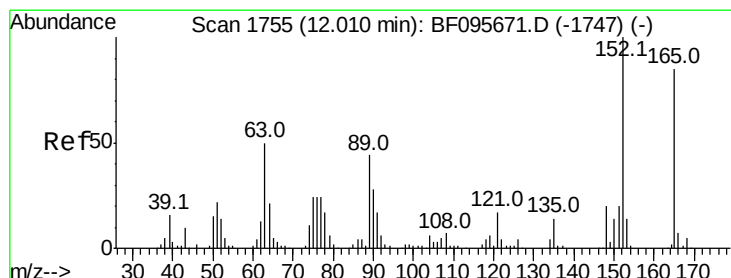
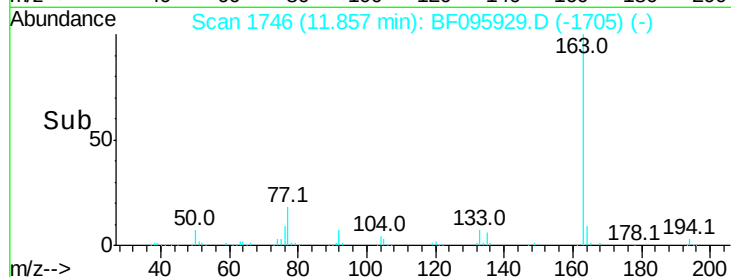
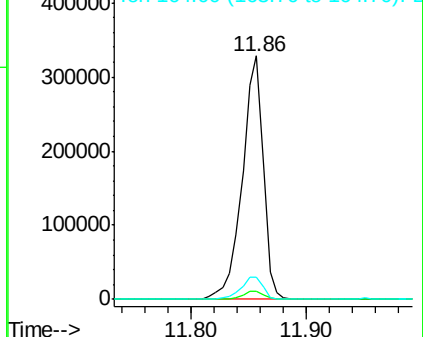
164 9.3 8.4 12.6



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: 38.26 ng

RT: 11.95 min Scan# 1762

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

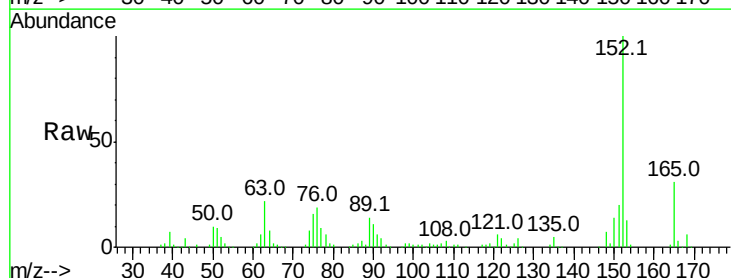
Tgt Ion:165 Resp: 87104

Ion Ratio Lower Upper

165 100

63 70.2 34.3 51.5#

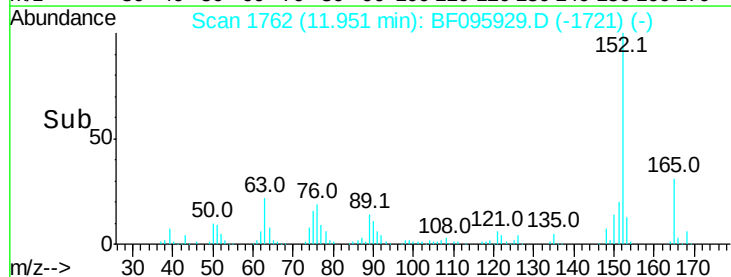
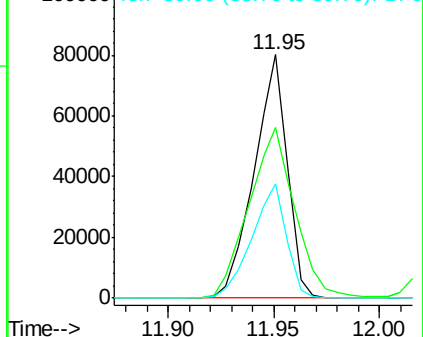
89 46.9 37.1 55.7

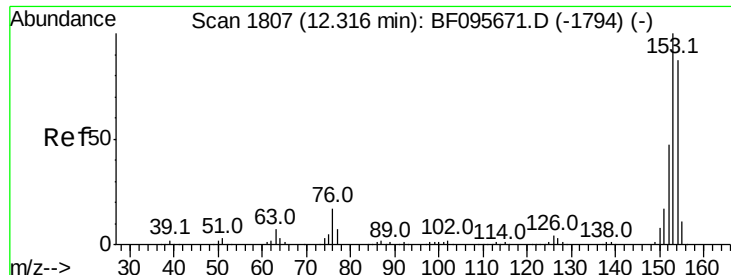


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.45 ng

RT: 12.24 min Scan# 1812

Delta R.T. -0.07 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

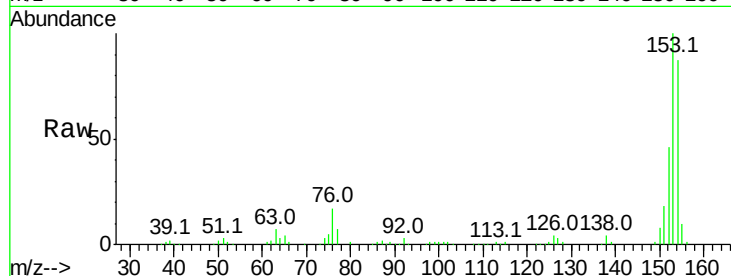
Tot Ion:154 Resp: 318738

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

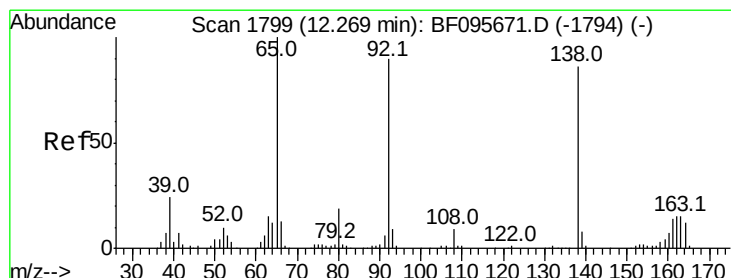
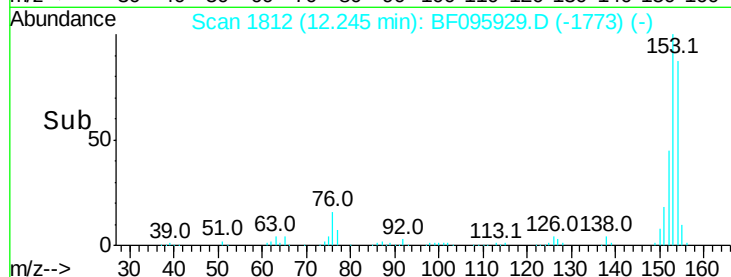
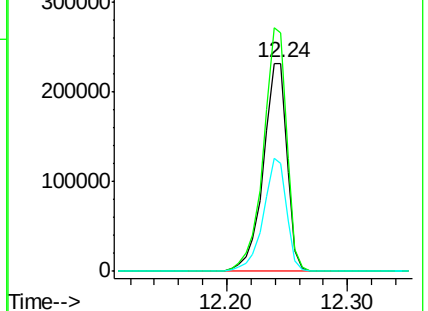
152 52.2 43.6 65.4



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: 17.04 ng

RT: 12.22 min Scan# 1808

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

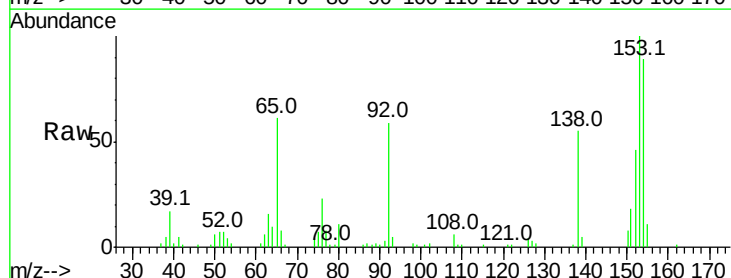
Tgt Ion:138 Resp: 45213

Ion Ratio Lower Upper

138 100

108 11.7 9.1 13.7

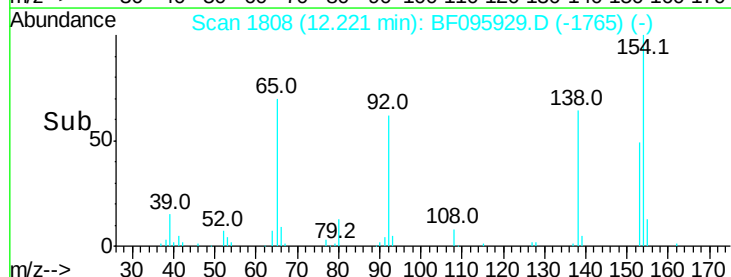
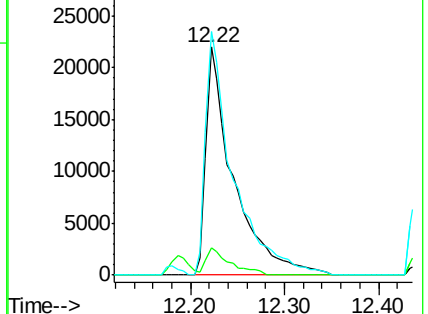
92 106.9 93.8 140.6

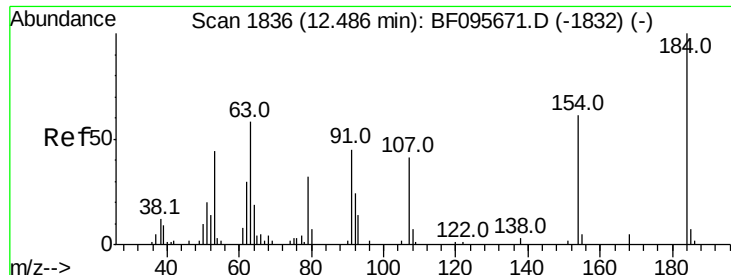


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

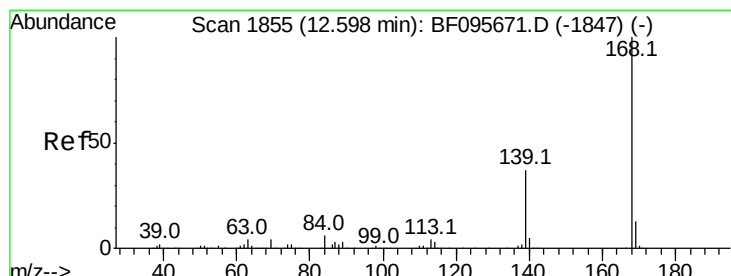
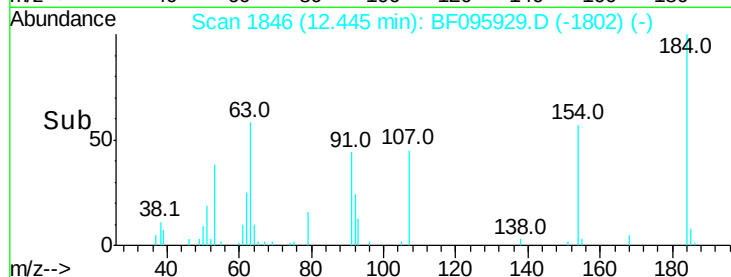
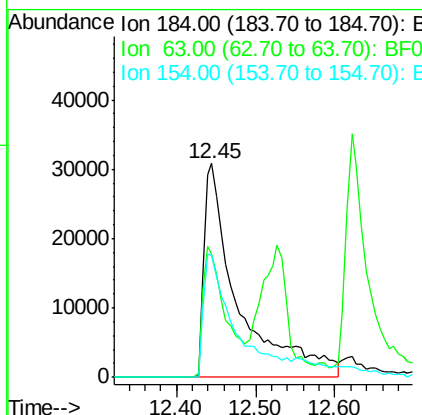
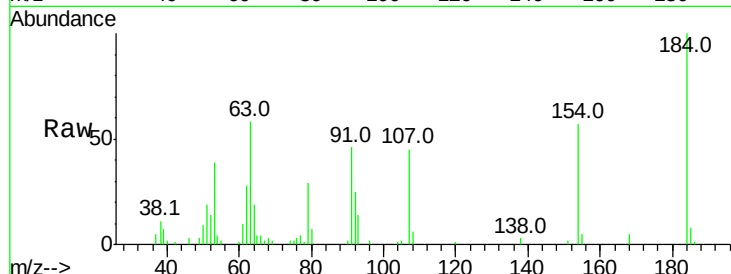




#53
 2,4-Dinitrophenol
 Concen: 72.50 ng
 RT: 12.45 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

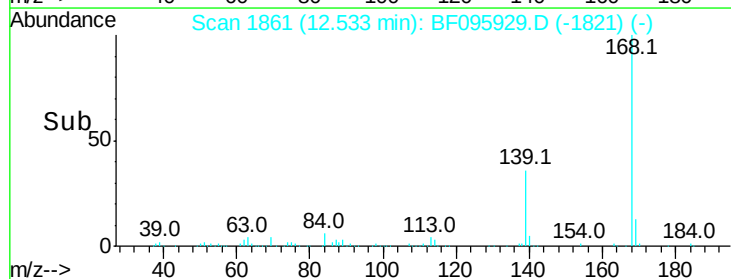
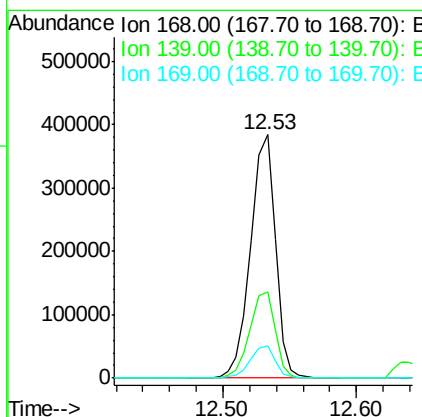
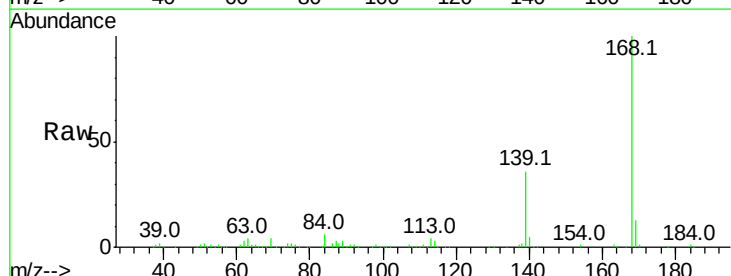
Instrument :
 BNA_F
 ClientSampled :

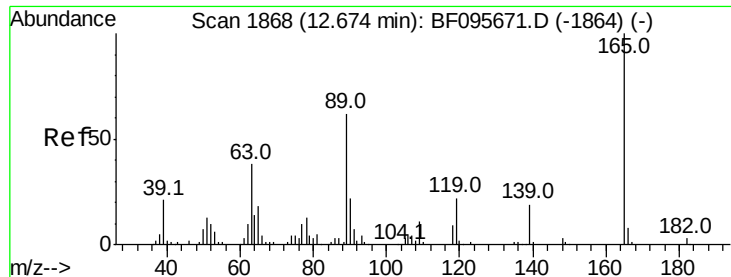
Tot Ion:184 Resp: 92616
 Ion Ratio Lower Upper
 184 100
 63 57.9 62.7 94.1#
 154 57.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.10 ng
 RT: 12.53 min Scan# 1861
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:168 Resp: 493509
 Ion Ratio Lower Upper
 168 100
 139 35.7 30.6 45.8
 169 13.3 10.8 16.2

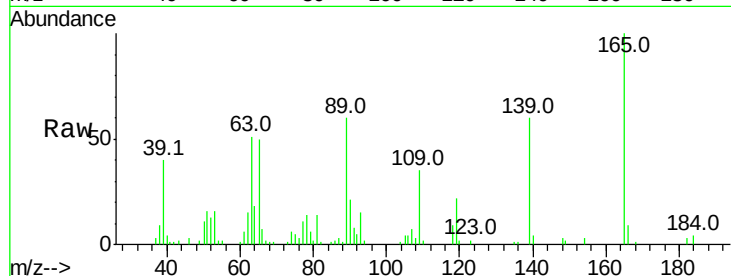




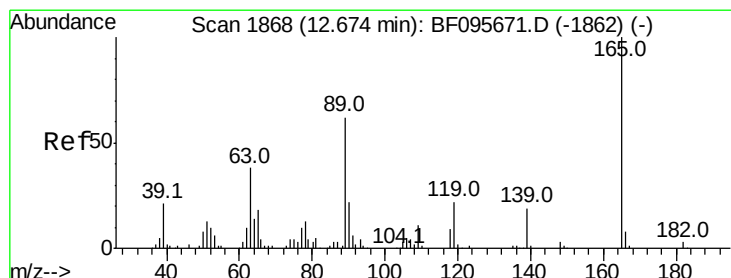
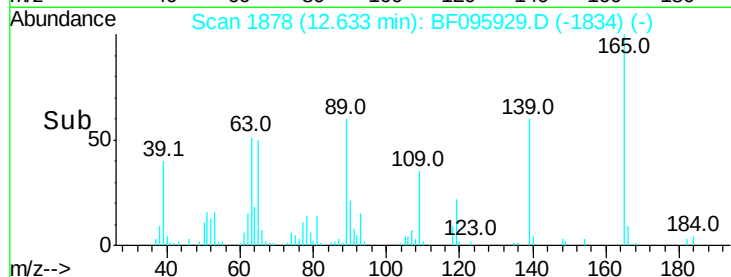
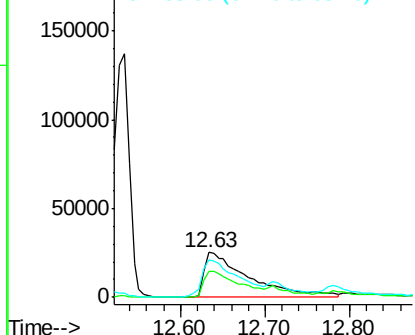
#55
4-Nitrophenol
Concen: 61.50 ng
RT: 12.63 min Scan# 1878
Delta R.T. -0.04 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 93501
Ion Ratio Lower Upper
139 100
109 58.1 34.1 74.1
65 84.4 31.4 71.4#



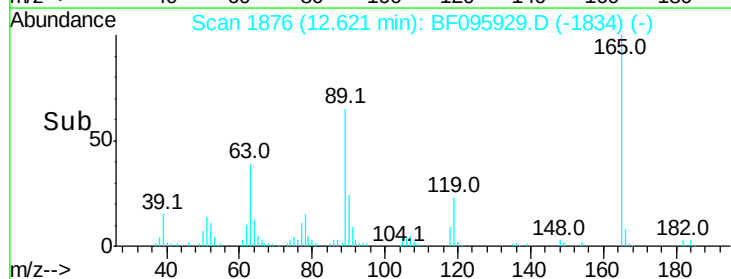
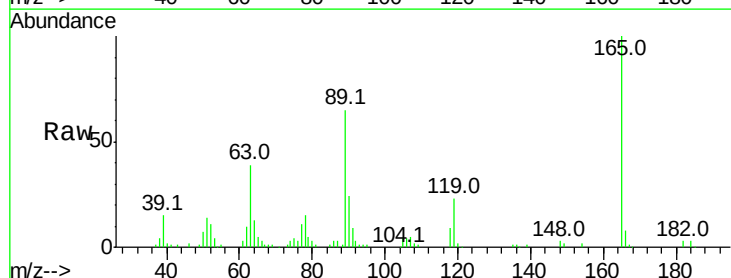
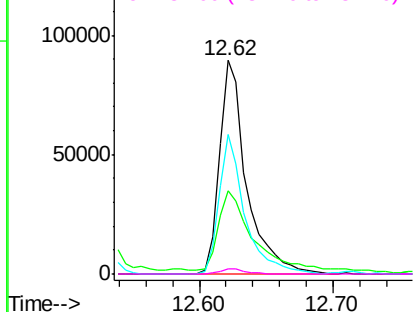
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

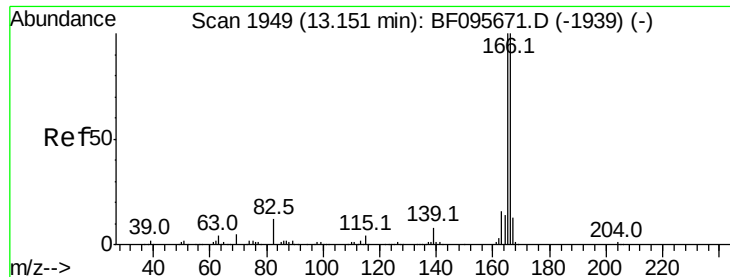


#56
2,4-Dinitrotoluene
Concen: 41.46 ng
RT: 12.62 min Scan# 1876
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:165 Resp: 127511
Ion Ratio Lower Upper
165 100
63 39.2 25.4 38.0#
89 65.3 46.4 69.6
182 2.6 1.8 2.6

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: 37.48 ng

RT: 13.08 min Scan# 1954

Delta R.T. -0.07 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

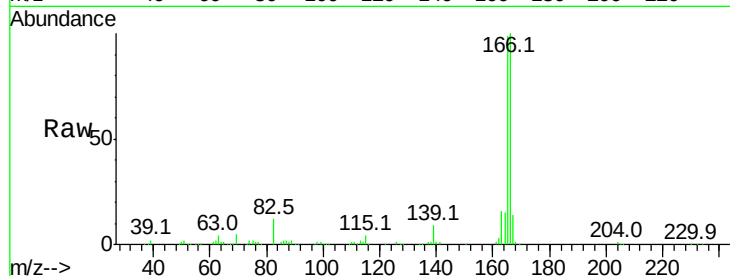
Tot Ion:166 Resp: 401411

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

167 13.7 10.6 16.0

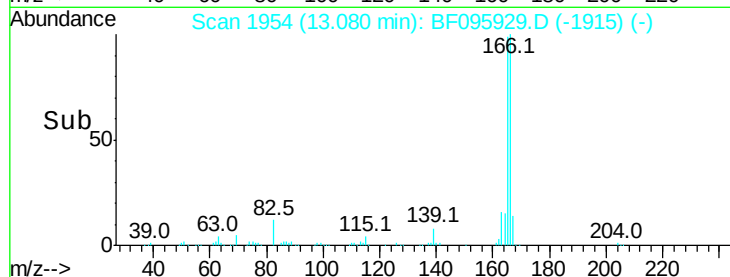


Abundance Ion 166.00 (165.70 to 166.70): E

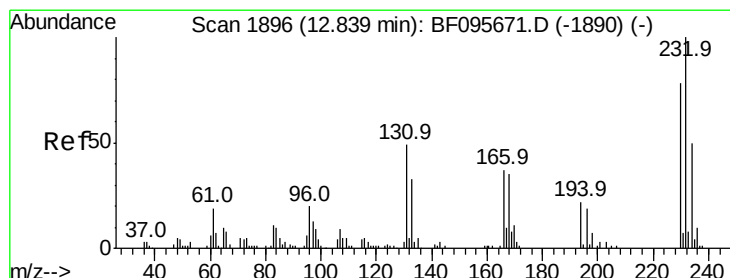
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

13.08



Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.48 ng

RT: 12.79 min Scan# 1904

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Tgt Ion:232 Resp: 81791

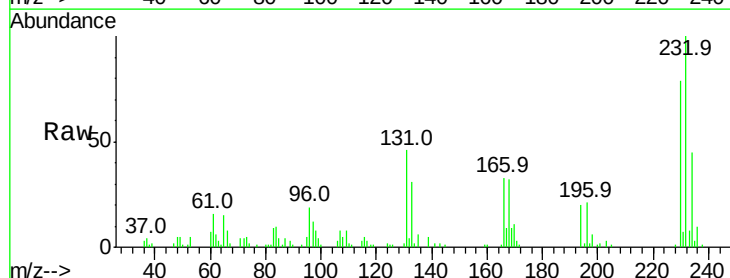
Ion Ratio Lower Upper

232 100

131 50.0 44.8 67.2

130 1.7 2.3 3.5#

166 32.0 29.0 43.4

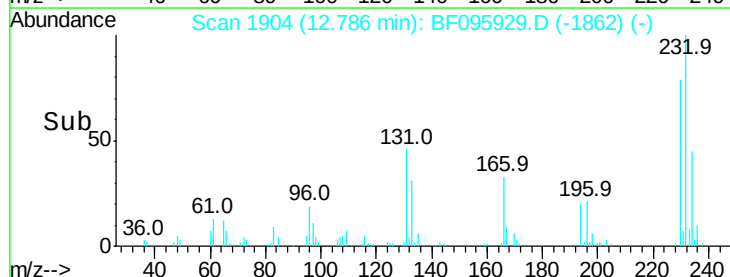


Abundance Ion 232.00 (231.70 to 232.70): E

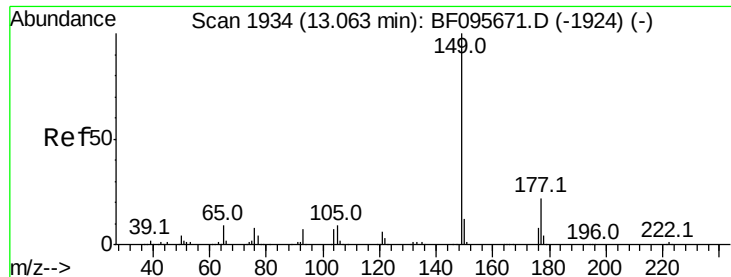
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



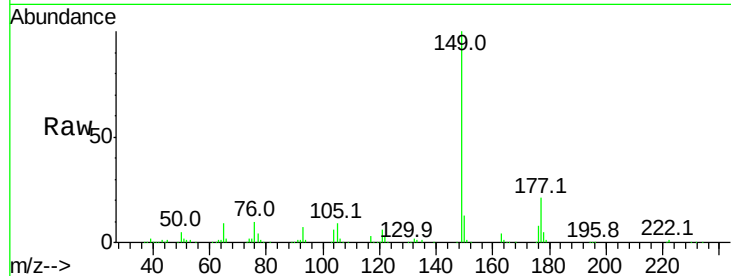
Time-->



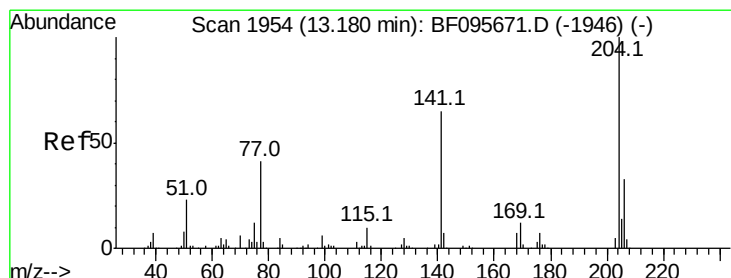
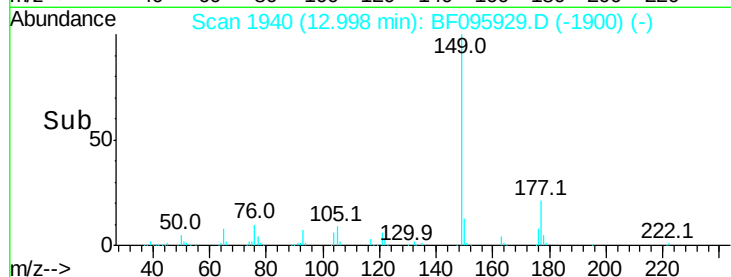
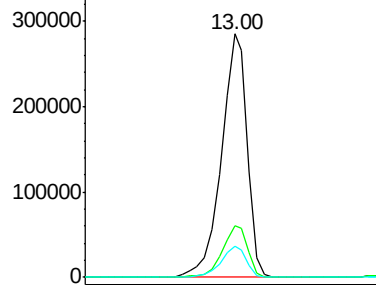
#59
Diethylphthalate
Concen: 40.06 ng
RT: 13.00 min Scan# 1940
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 402453
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.6 10.2 15.2

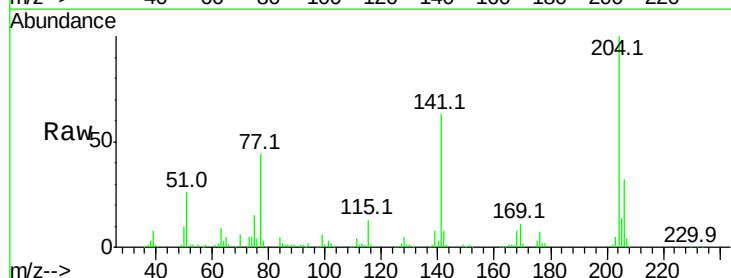


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

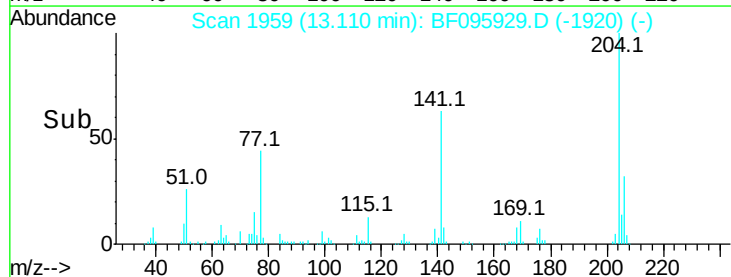
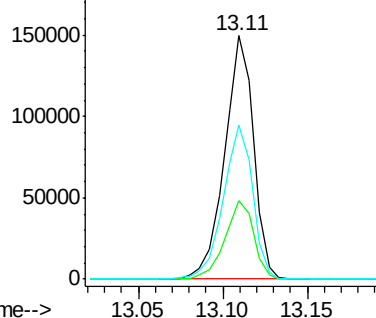


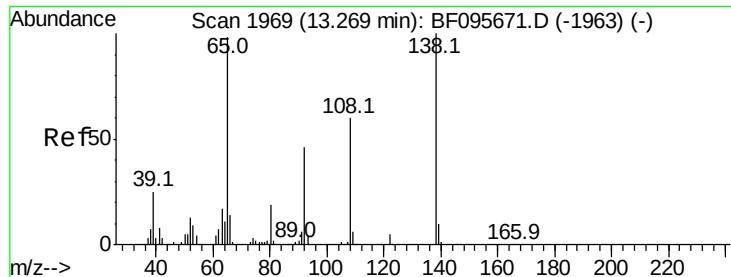
#60
4-Chlorophenyl-phenylether
Concen: 38.34 ng
RT: 13.11 min Scan# 1959
Delta R.T. -0.07 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:204 Resp: 178571
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 63.0 60.8 91.2



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

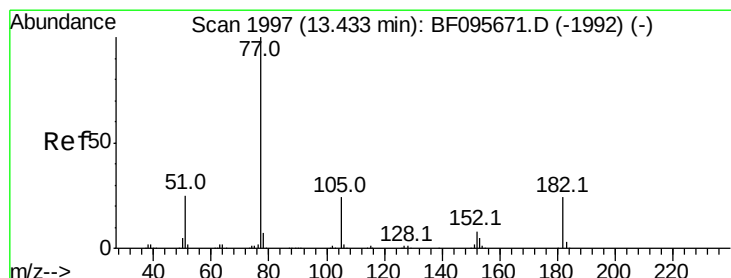
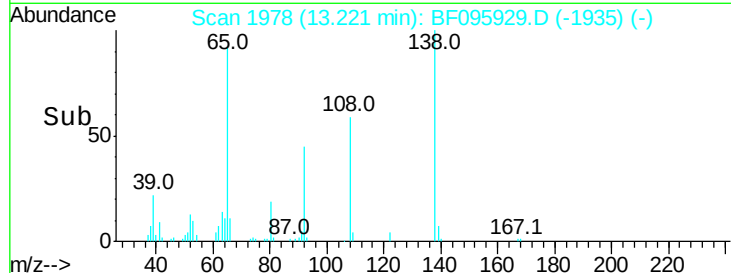
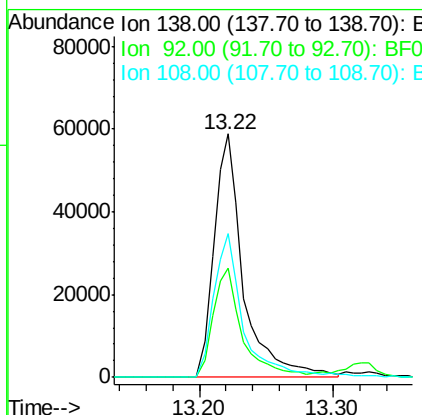
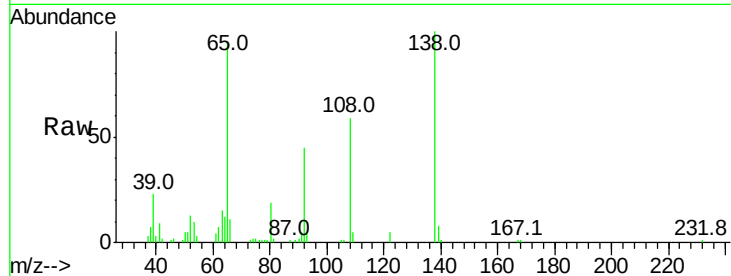




#61
4-Nitroaniline
Concen: 36.61 ng
RT: 13.22 min Scan# 1978
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

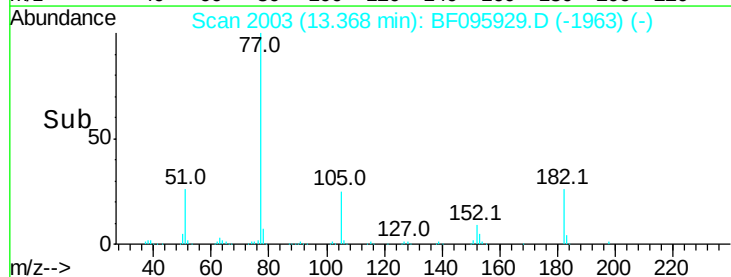
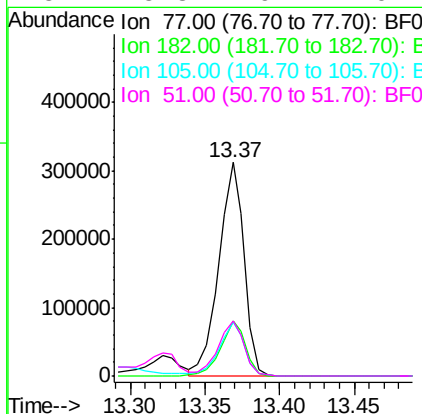
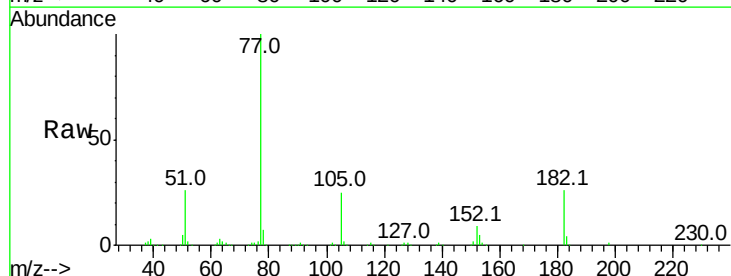
Instrument :
BNA_F
ClientSampled :

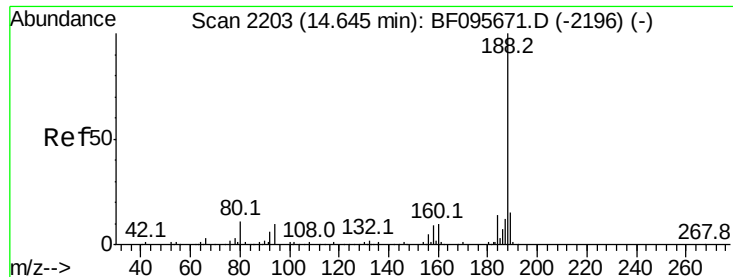
Tot Ion	Ratio	Lower	Upper
138	100		
92	45.1	21.8	61.8
108	59.0	42.3	82.3



#62
Azobenzene
Concen: 40.88 ng
RT: 13.37 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	0.1	40.1
105	25.3	3.6	43.6
51	25.8	9.4	49.4

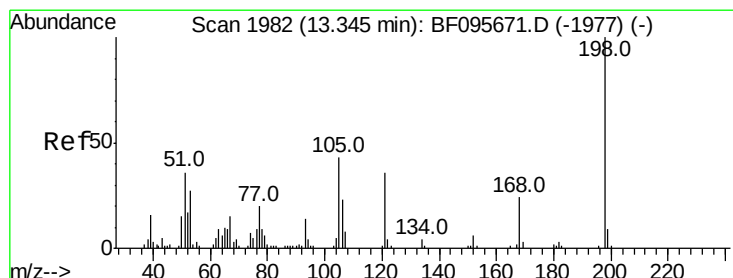
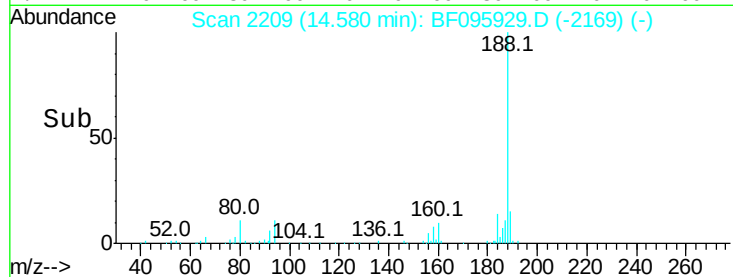
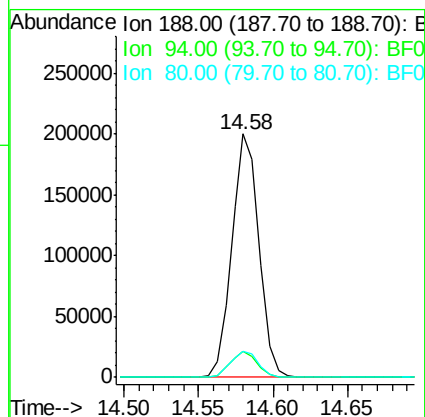
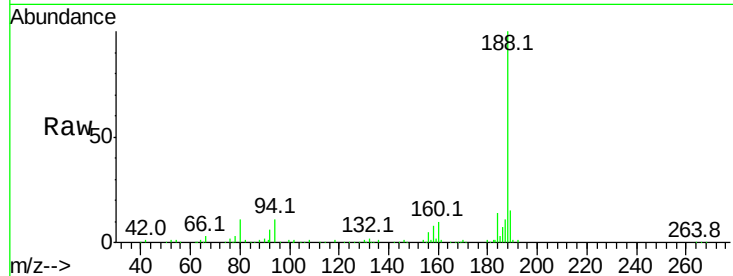




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

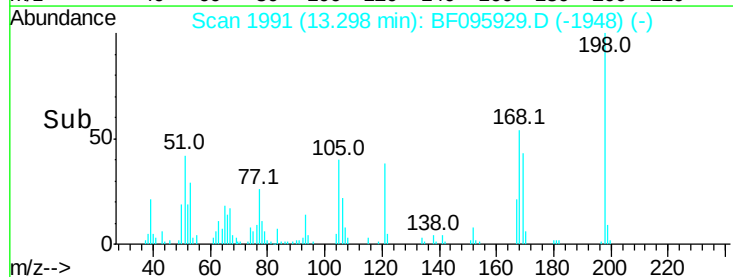
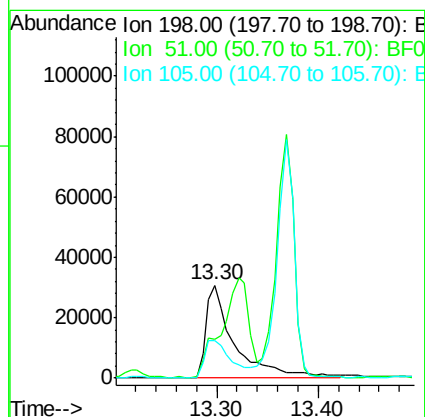
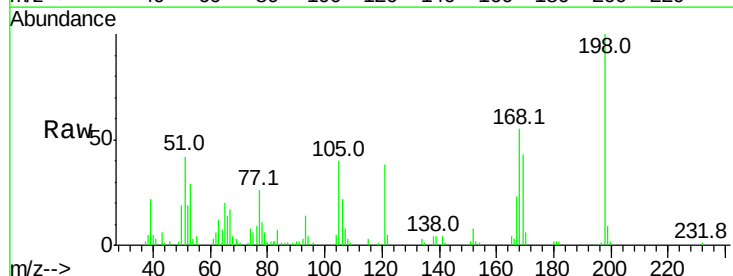
Instrument :
BNA_F
ClientSampled :

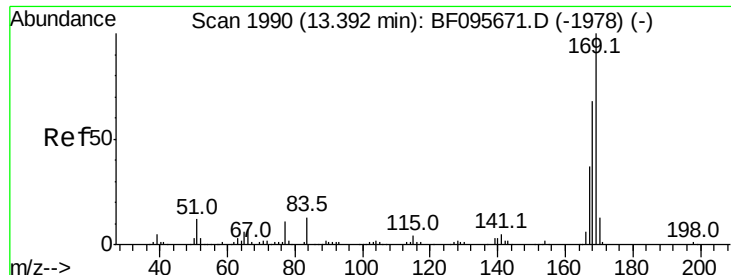
Tot Ion:188 Resp: 253642
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 36.04 ng
RT: 13.30 min Scan# 1991
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:198 Resp: 60084
Ion Ratio Lower Upper
198 100
51 42.1 53.2 93.2#
105 40.2 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 37.86 ng

RT: 13.33 min Scan# 1996

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

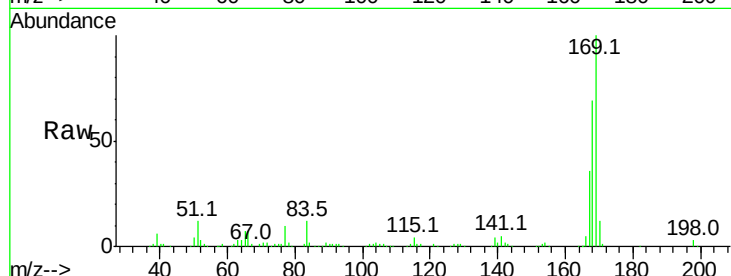
Tot Ion:169 Resp: 345018

Ion Ratio Lower Upper

169 100

168 68.9 53.2 79.8

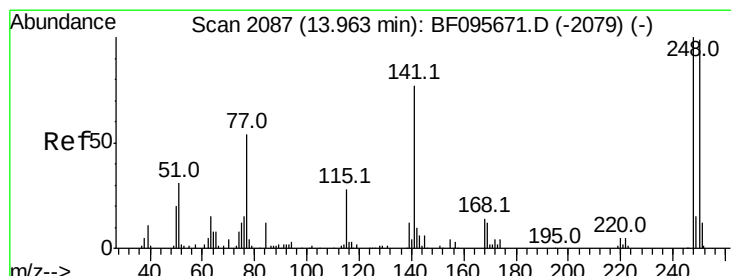
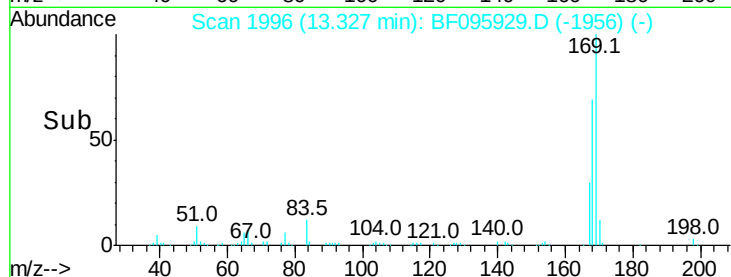
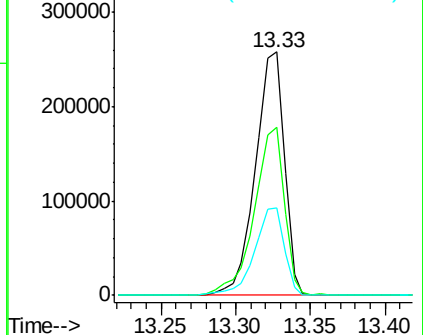
167 35.8 29.5 44.3



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: 39.00 ng

RT: 13.89 min Scan# 2092

Delta R.T. -0.07 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

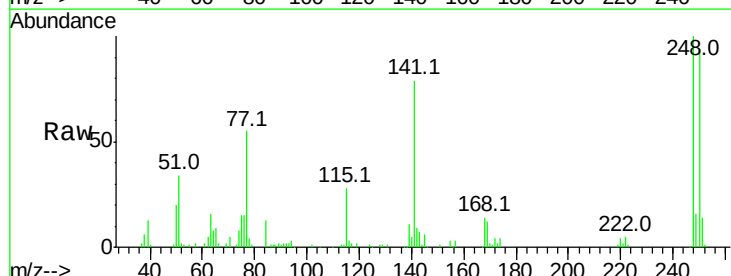
Tgt Ion:248 Resp: 102815

Ion Ratio Lower Upper

248 100

250 94.3 76.8 115.2

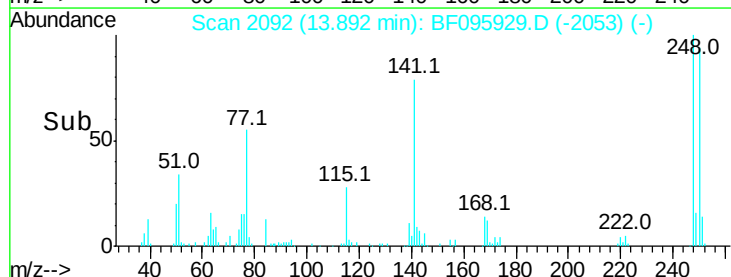
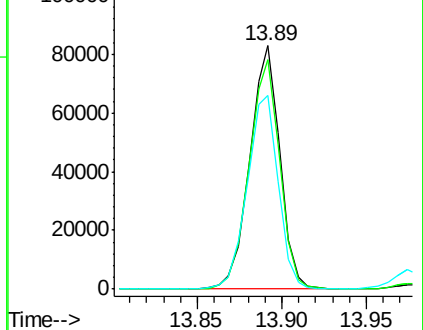
141 79.5 68.6 103.0

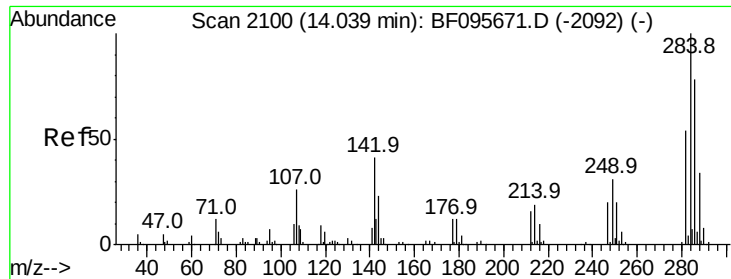


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

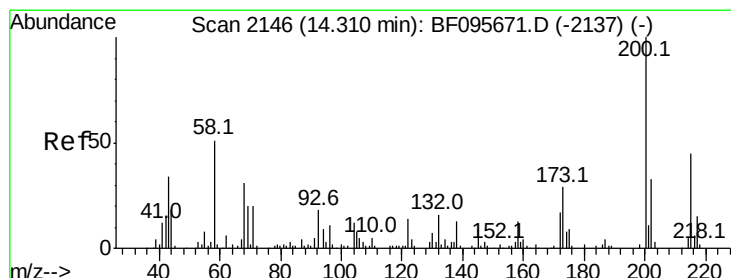
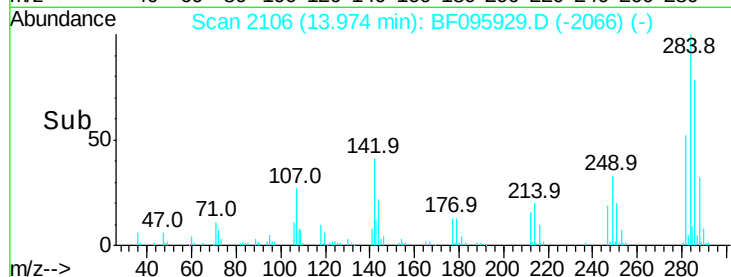
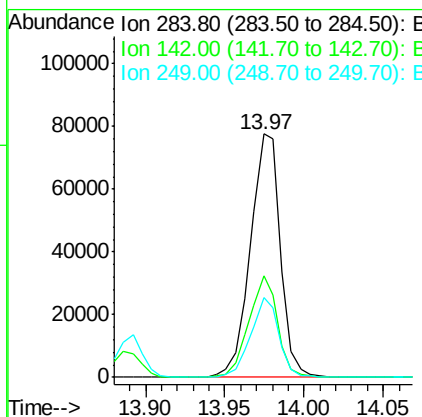
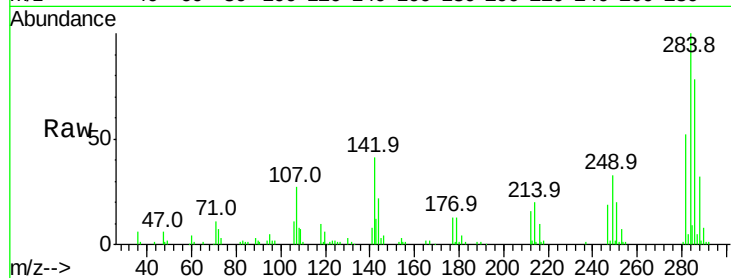




#67
Hexachlorobenzene
Concen: 39.31 ng
RT: 13.97 min Scan# 2106
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

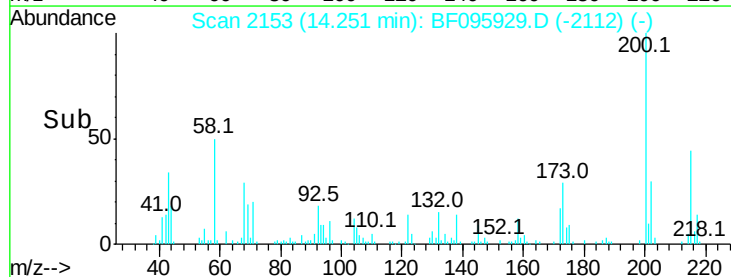
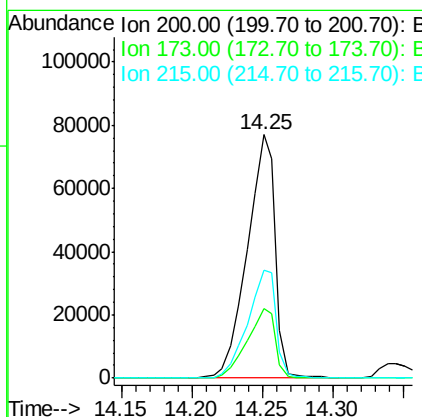
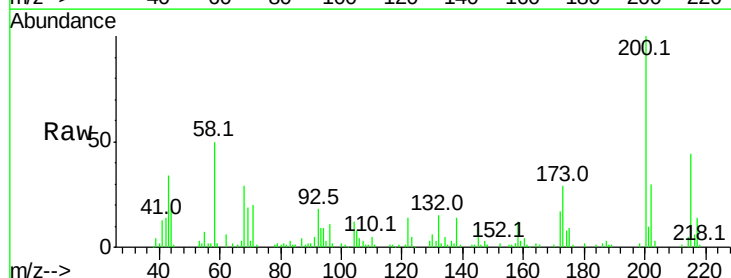
Instrument :
BNA_F
ClientSampleId :

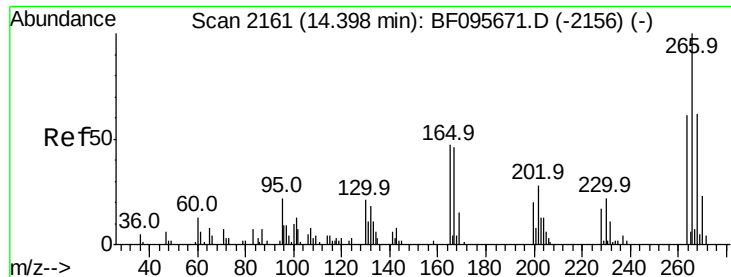
Tot Ion:284 Resp: 102098
Ion Ratio Lower Upper
284 100
142 41.5 22.8 34.2#
249 32.5 24.0 36.0



#68
Atrazine
Concen: 41.91 ng
RT: 14.25 min Scan# 2153
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:200 Resp: 106314
Ion Ratio Lower Upper
200 100
173 28.7 6.3 46.3
215 44.3 27.2 67.2

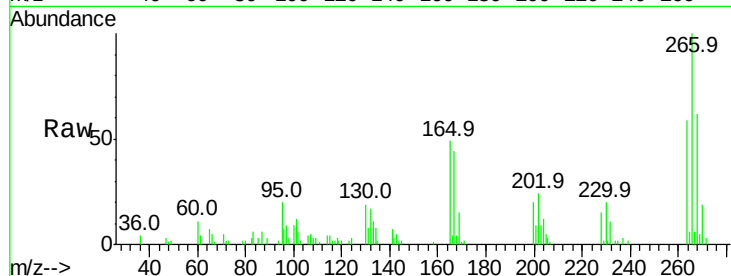




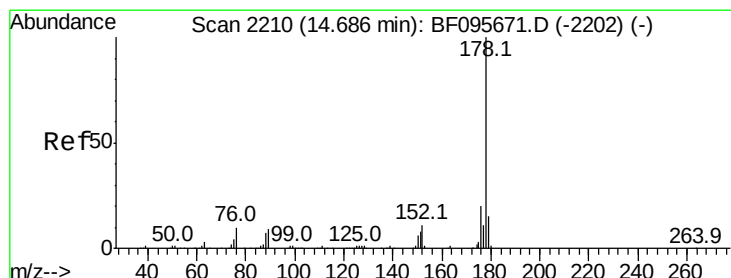
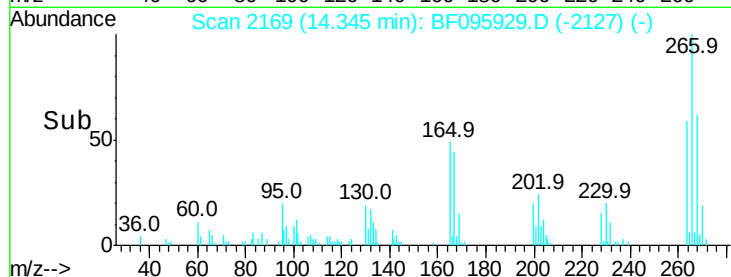
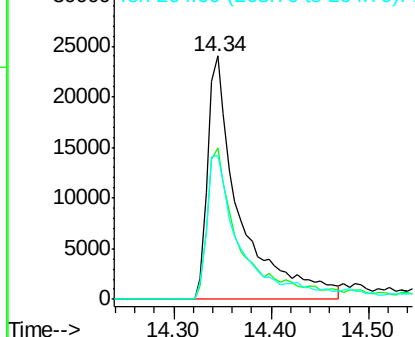
#69
 Pentachlorophenol
 Concen: 57.75 ng
 RT: 14.34 min Scan# 2169
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 54912
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 59.3 51.7 77.5

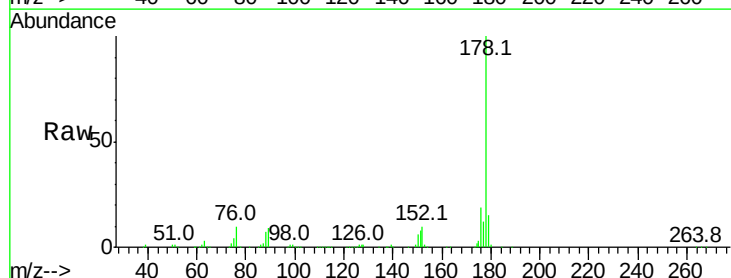


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

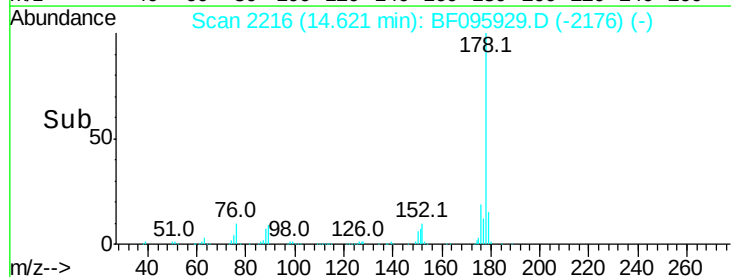
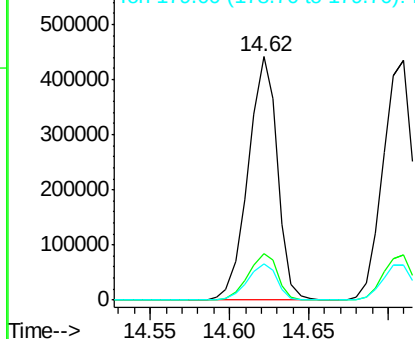


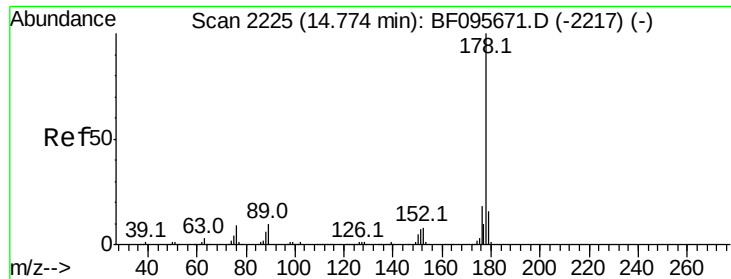
#70
 Phenanthrene
 Concen: 38.57 ng
 RT: 14.62 min Scan# 2216
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:178 Resp: 564449
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 14.8 12.6 19.0



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

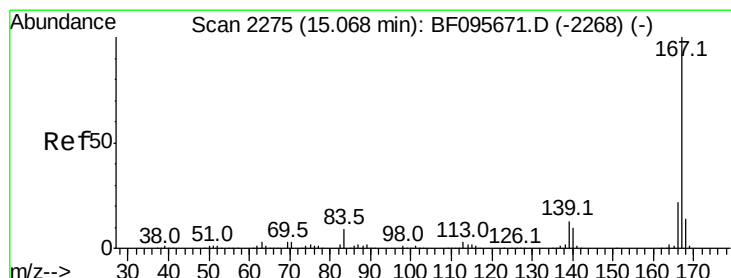
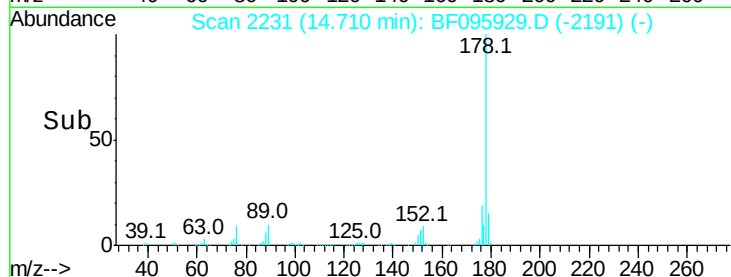
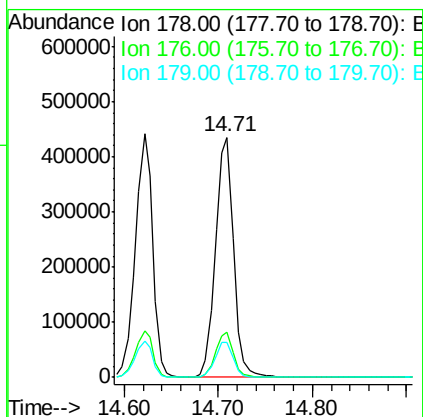
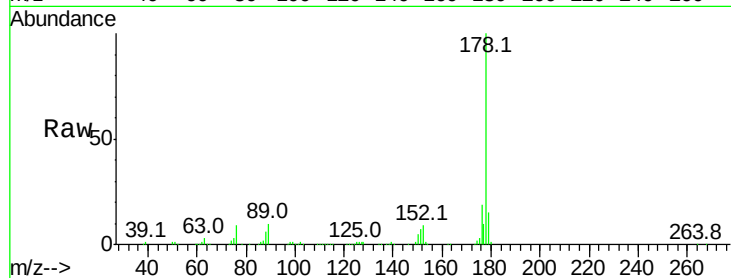




#71
 Anthracene
 Concen: 38.59 ng
 RT: 14.71 min Scan# 2231
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

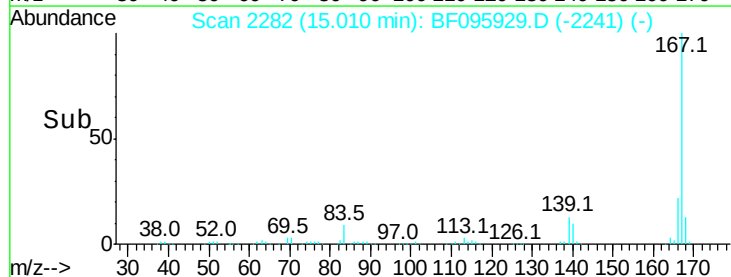
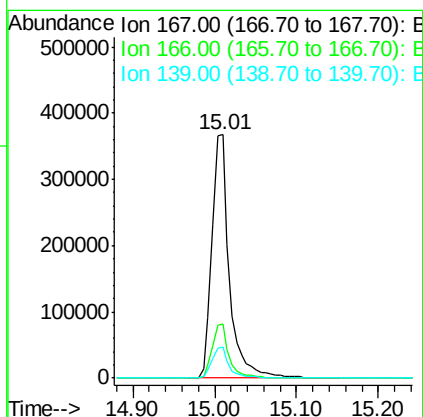
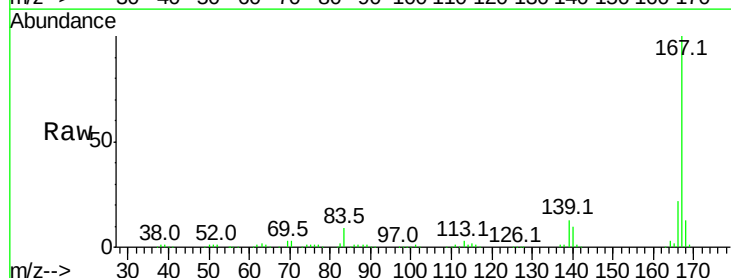
Instrument :
 BNA_F
 ClientSampled :

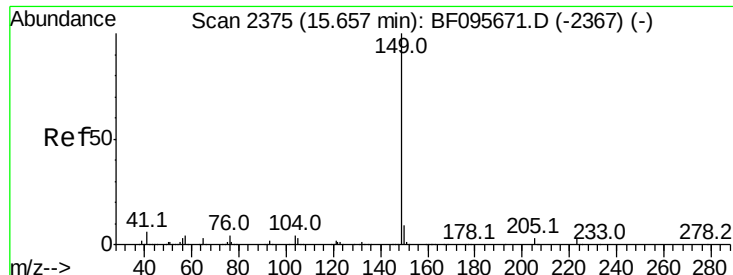
Tot Ion:178 Resp: 589641
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 14.7 12.7 19.1



#72
 Carbazole
 Concen: 36.74 ng
 RT: 15.01 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:167 Resp: 547015
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.15 ng

RT: 15.60 min Scan# 2382

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

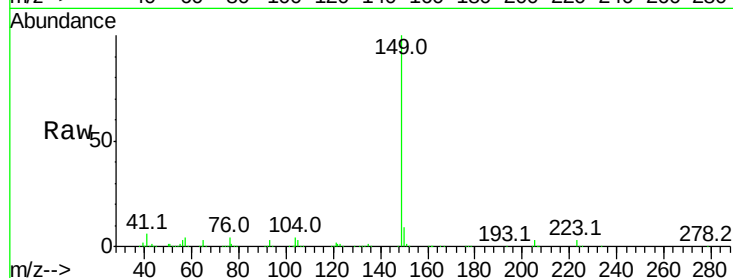
Tot Ion:149 Resp: 667711

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

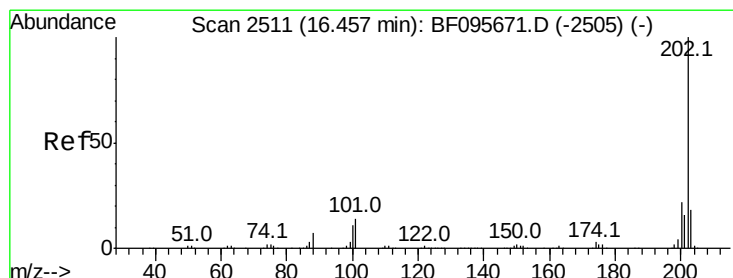
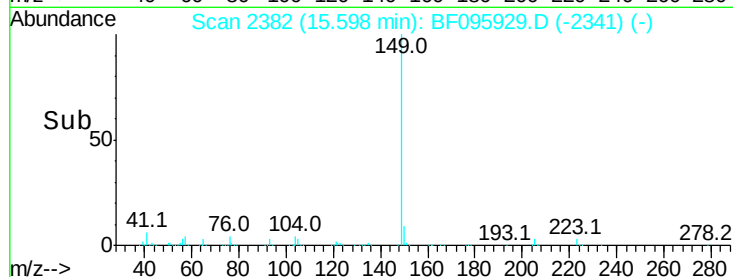
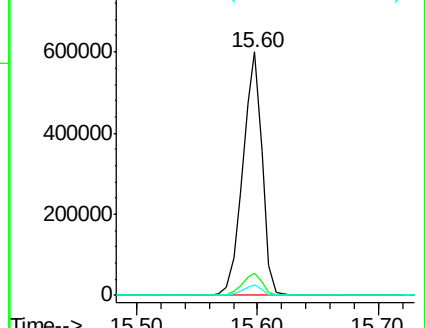
104 4.4 4.0 6.0



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: 40.28 ng

RT: 16.40 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

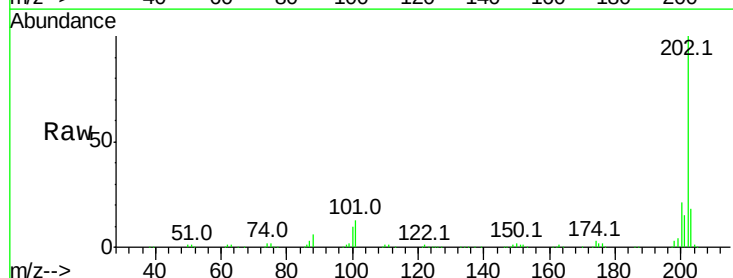
Tgt Ion:202 Resp: 583526

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

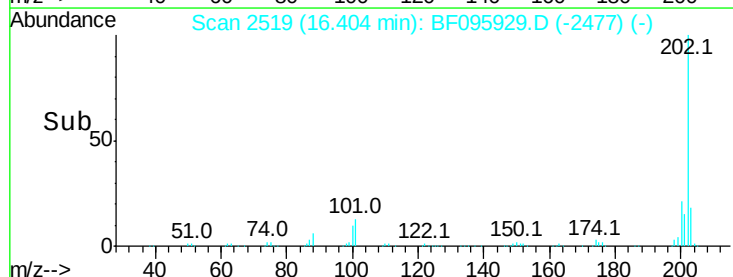
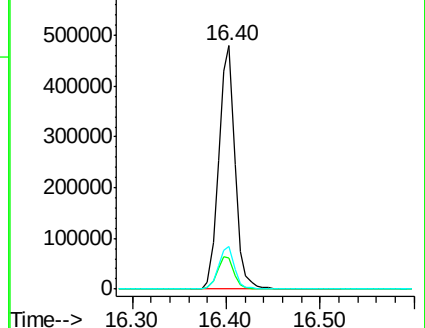
203 17.7 0.0 38.1

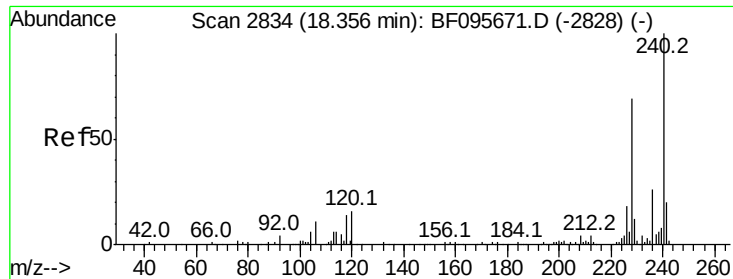


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

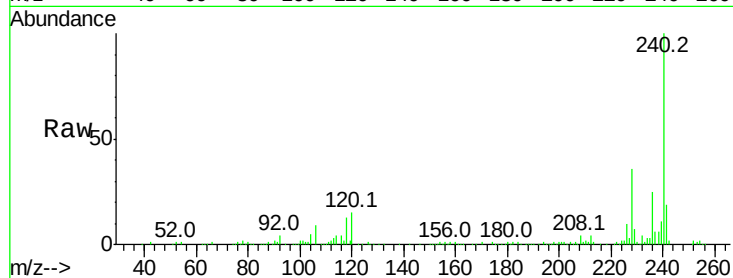




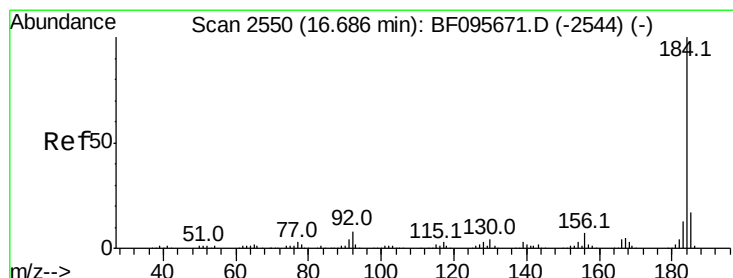
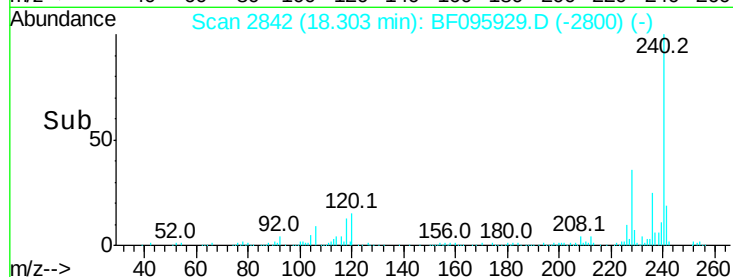
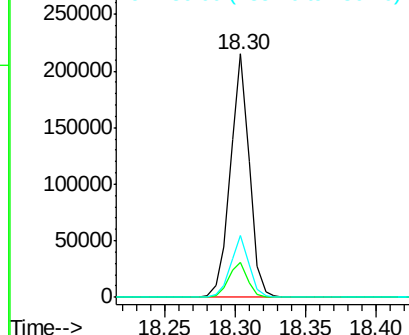
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:240 Resp: 201023
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.3 20.5 30.7

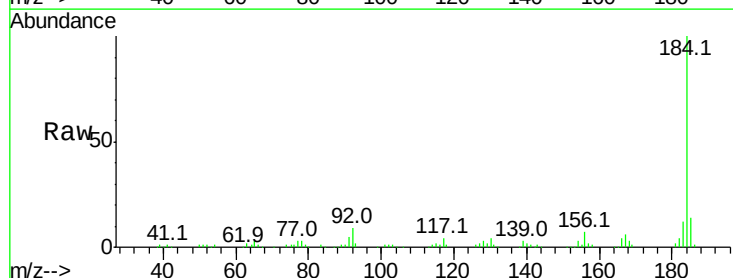


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

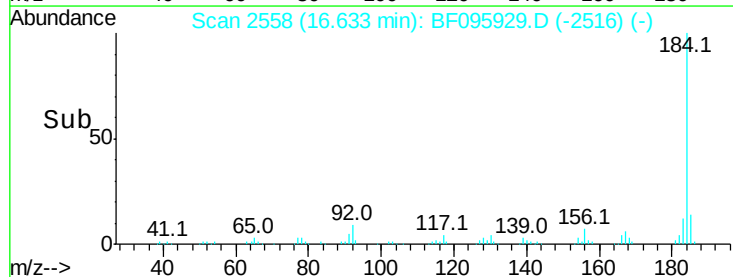
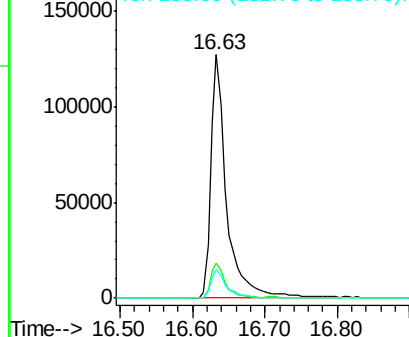


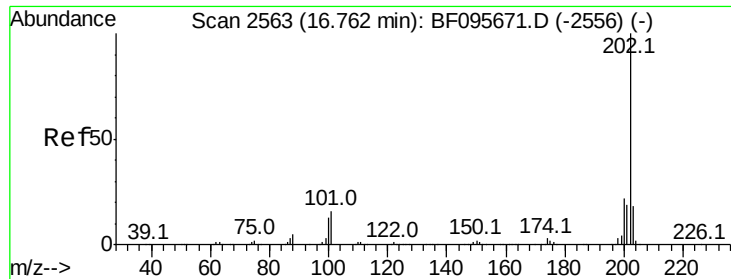
#76
Benzidine
Concen: 24.88 ng
RT: 16.63 min Scan# 2558
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:184 Resp: 192121
Ion Ratio Lower Upper
184 100
185 14.3 15.5 23.3#
183 11.8 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

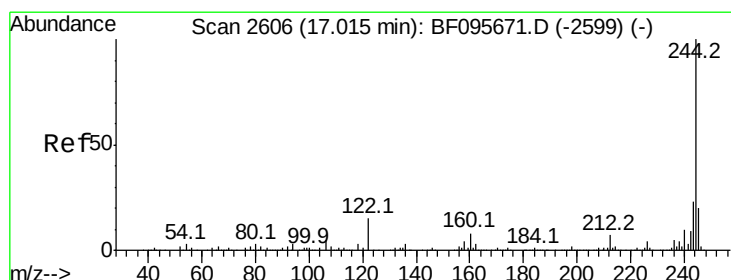
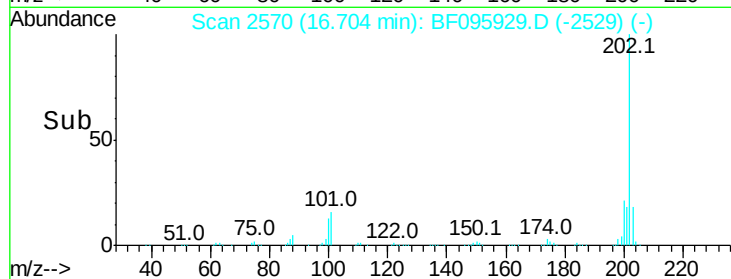
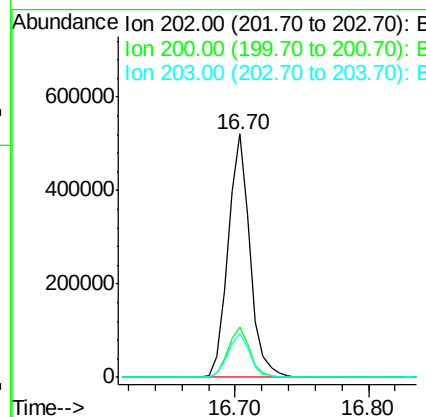
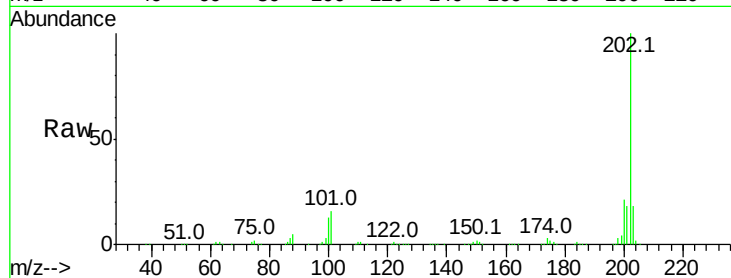




#77
Pvrene
Concen: 40.01 ng
RT: 16.70 min Scan# 2570
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

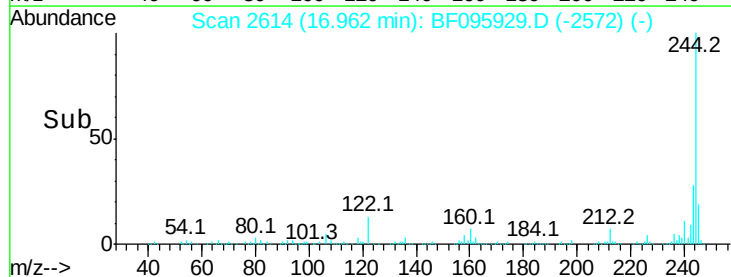
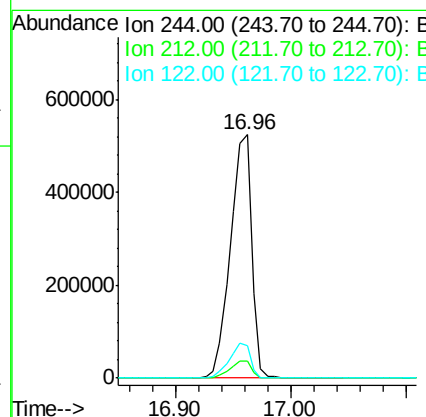
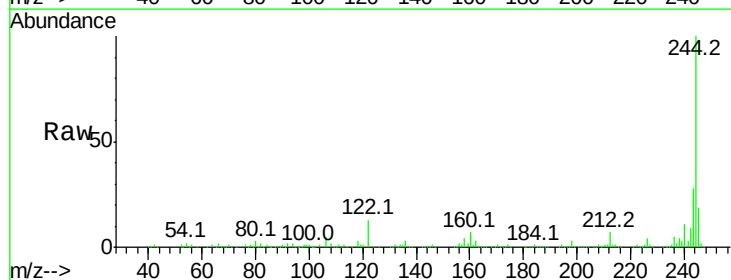
Instrument :
BNA_F
ClientSampleId :

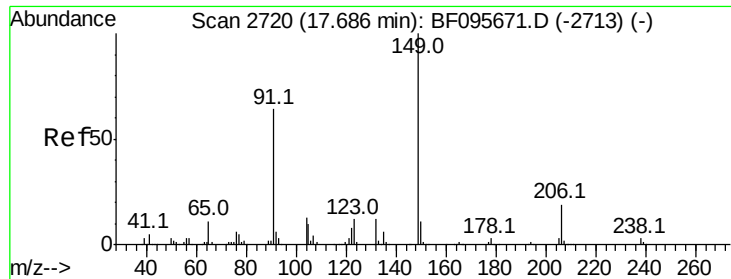
Tot Ion:202 Resp: 600120
Ion Ratio Lower Upper
202 100
200 20.5 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 82.73 ng
RT: 16.96 min Scan# 2614
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion:244 Resp: 670118
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.3 10.3 15.5

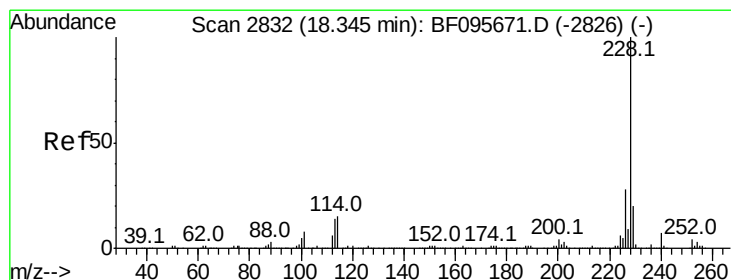
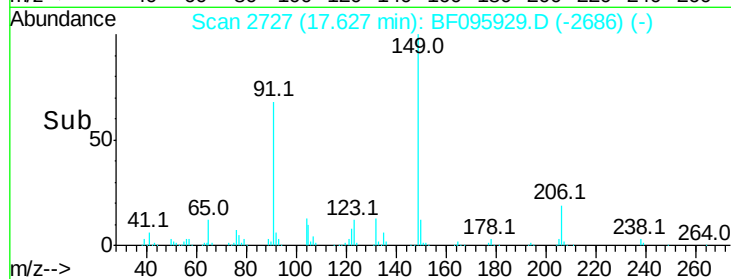
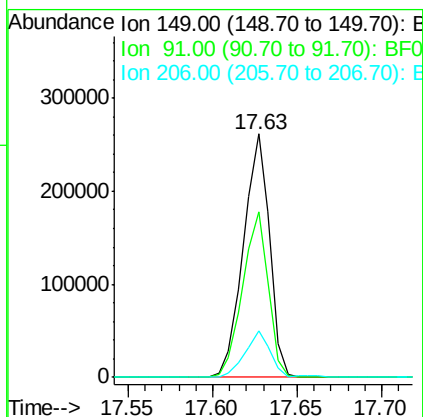
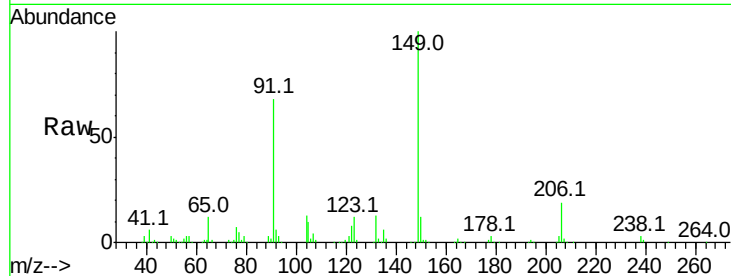




#79
Butylbenzylphthalate
Concen: 43.25 ng
RT: 17.63 min Scan# 2727
Delta R.T. -0.06 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

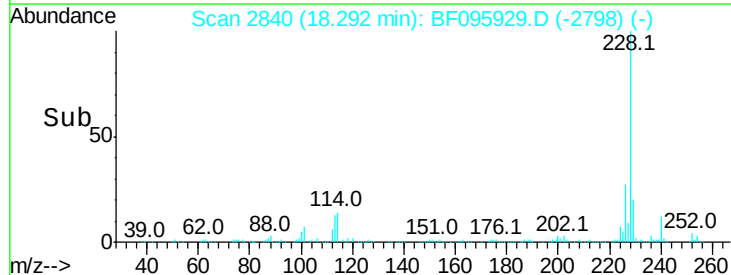
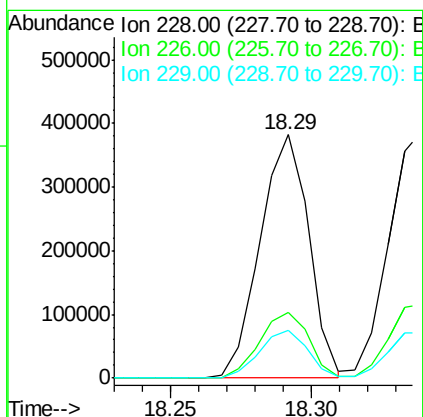
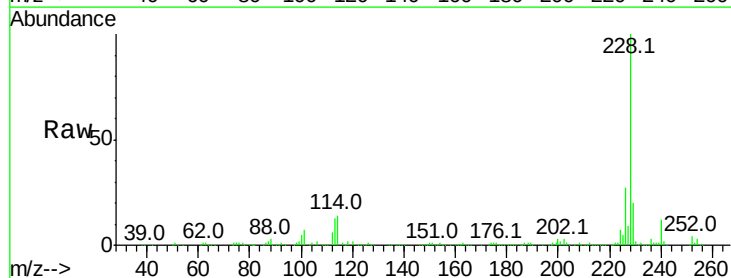
Instrument :
BNA_F
ClientSampleId :

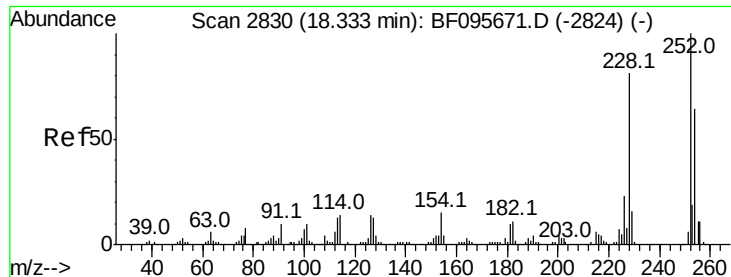
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	45.0	67.4#
206	18.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.08 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.9	16.3	24.5

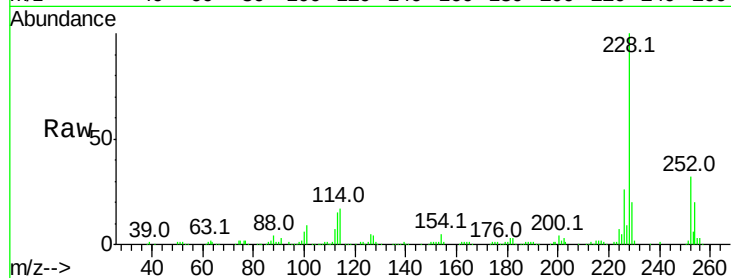




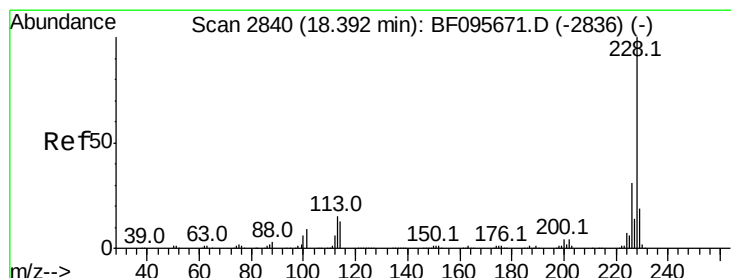
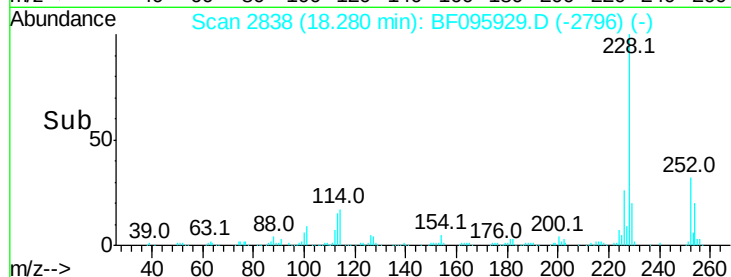
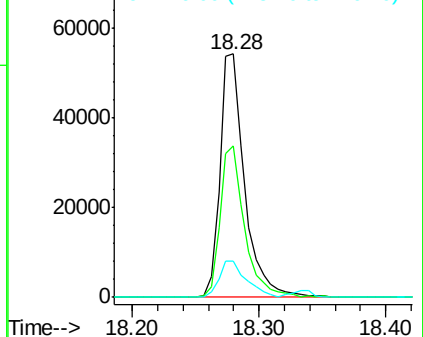
#81
 3,3'-Dichlorobenzidine
 Concen: 17.68 ng
 RT: 18.28 min Scan# 2838
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 73448
 Ion Ratio Lower Upper
 252 100
 254 62.1 51.5 77.3
 126 14.8 15.8 23.8#

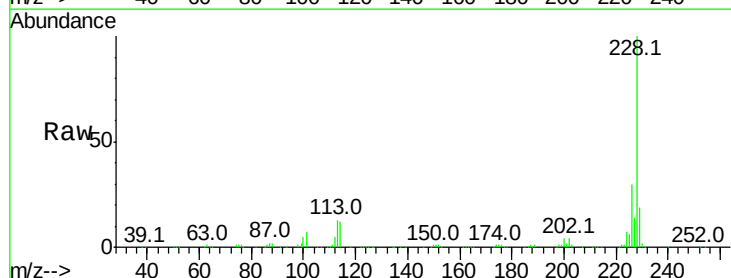


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

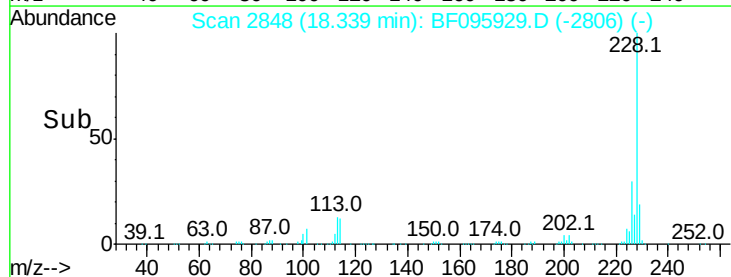
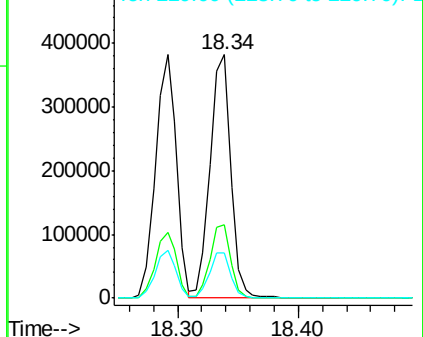


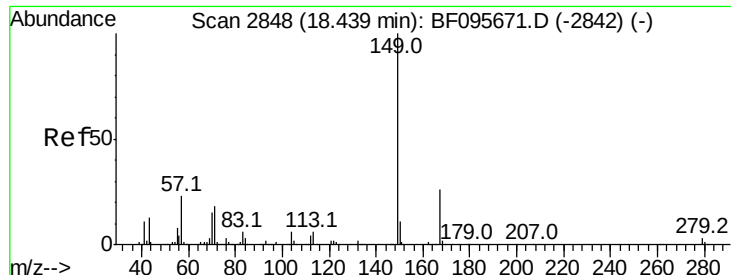
#82
 Chrysene
 Concen: 38.65 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:228 Resp: 451470
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 18.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

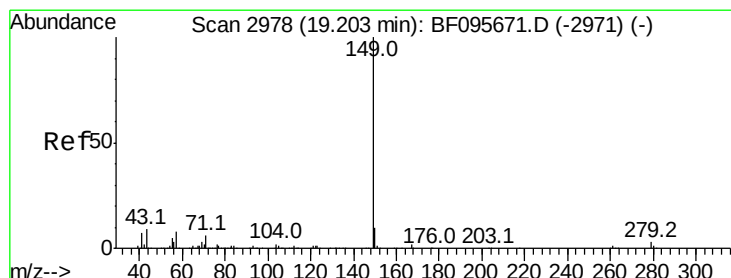
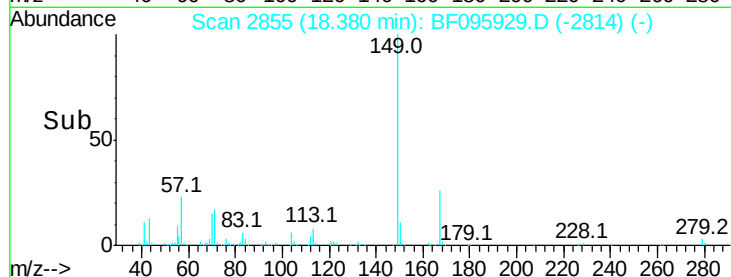
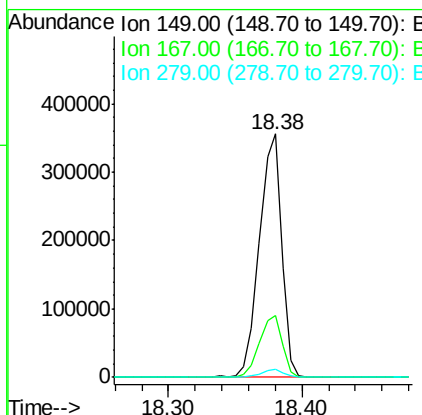
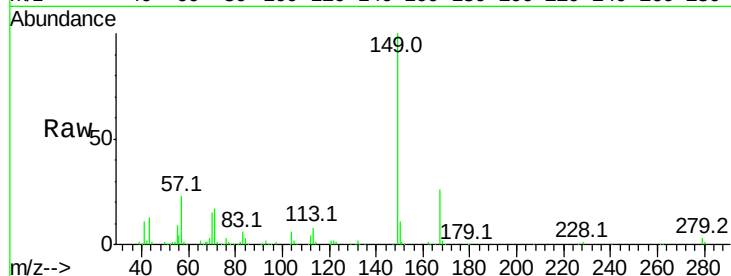




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.04 ng
 RT: 18.38 min Scan# 2855
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

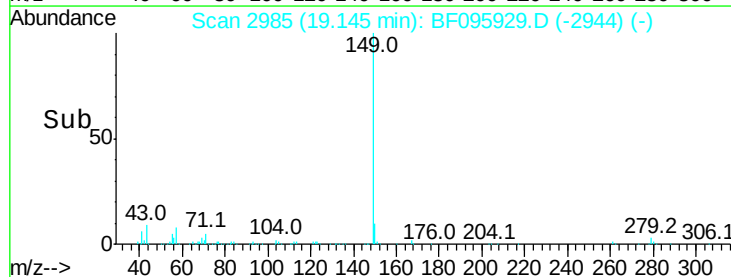
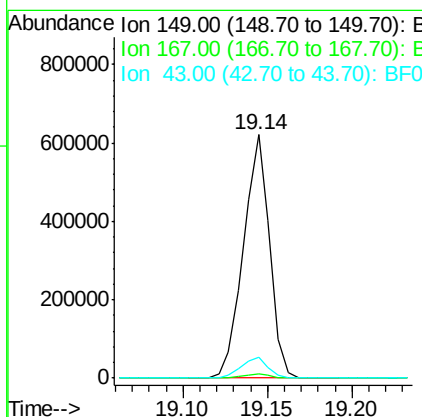
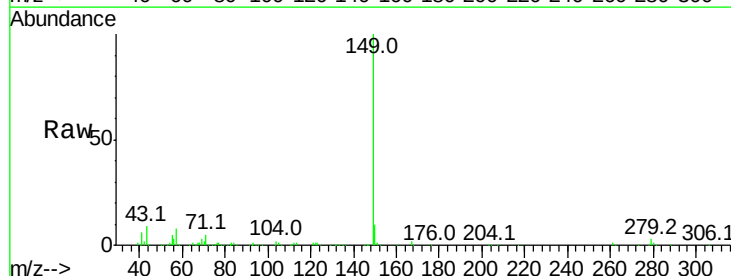
Instrument :
 BNA_F
 ClientSampleId :

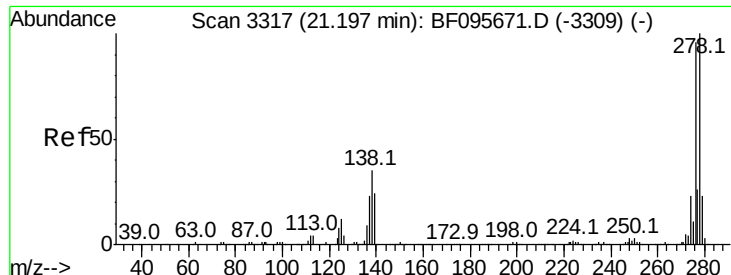
Tot Ion:149 Resp: 406978
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.99 ng
 RT: 19.14 min Scan# 2985
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion:149 Resp: 669882
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.8 8.5 12.7

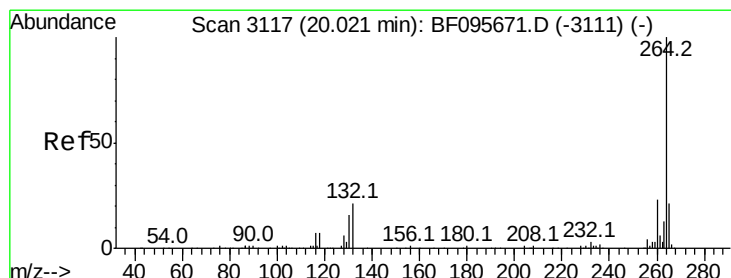
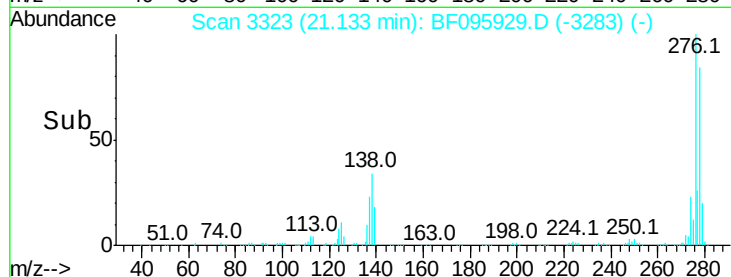
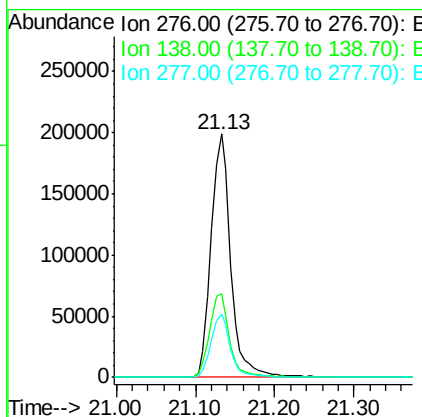
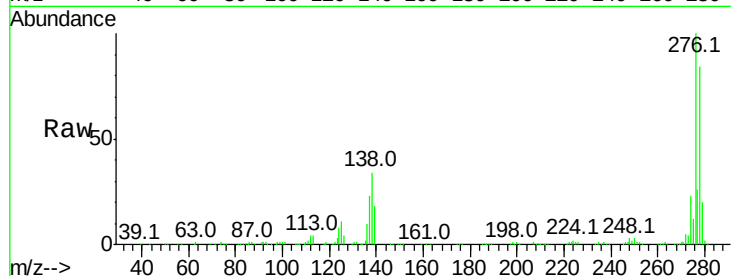




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.26 ng
 RT: 21.13 min Scan# 3323
 Delta R.T. -0.06 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

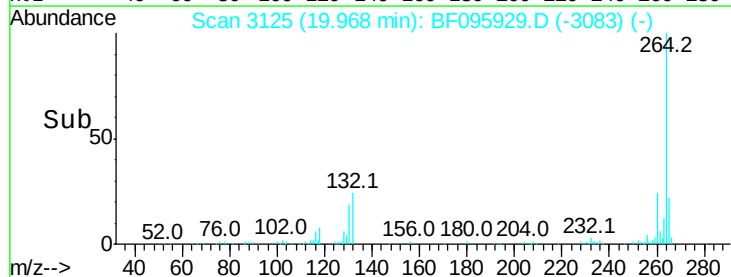
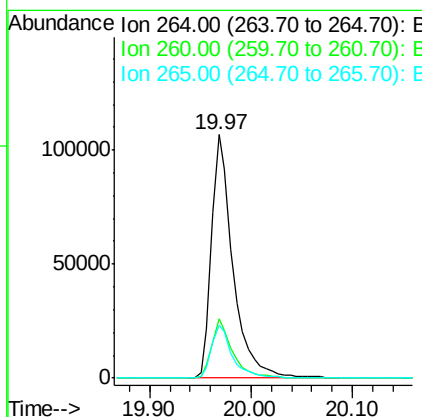
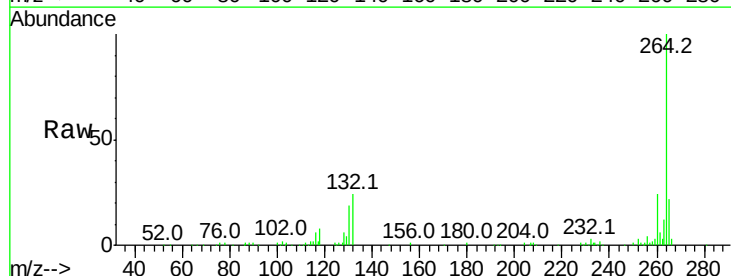
Instrument :
 BNA_F
 ClientSampled :

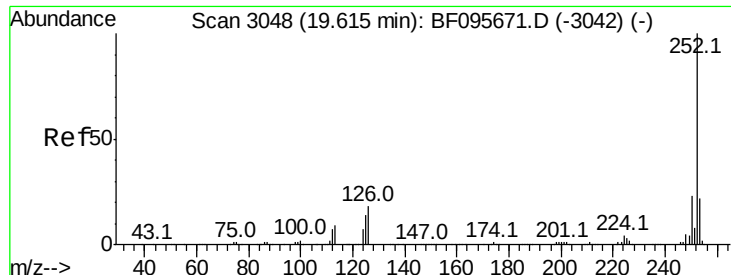
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.97 min Scan# 3125
 Delta R.T. -0.05 min
 Lab File: BF095929.D
 Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.2	25.8

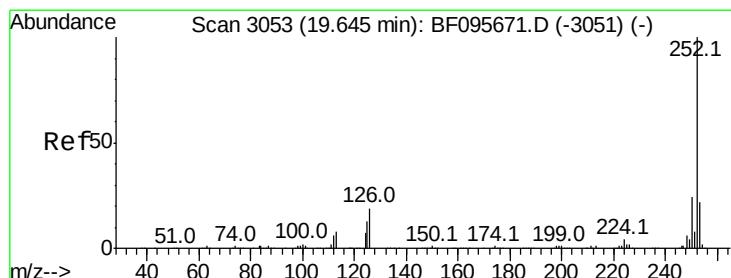
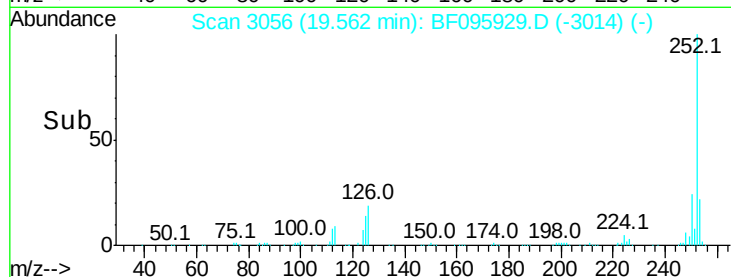
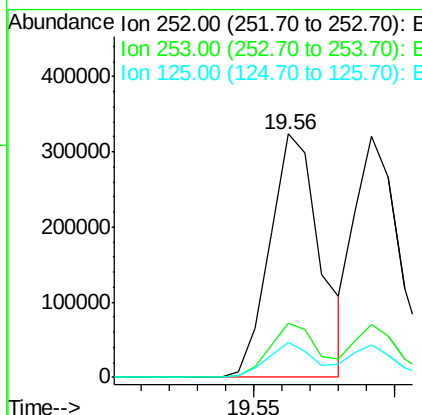
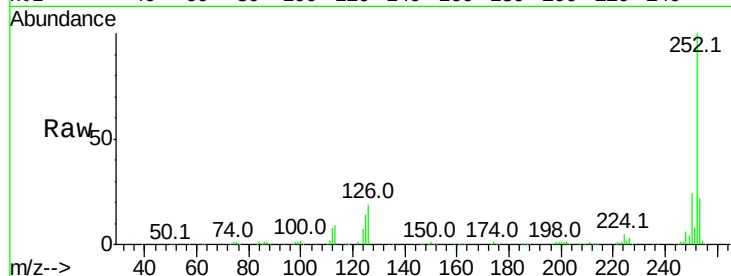




#87
Benzo(b)fluoranthene
Concen: 40.63 ng
RT: 19.56 min Scan# 3056
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

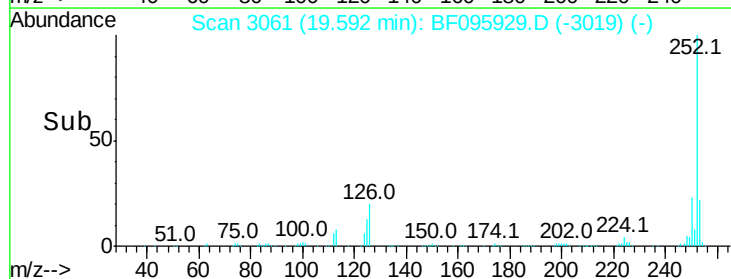
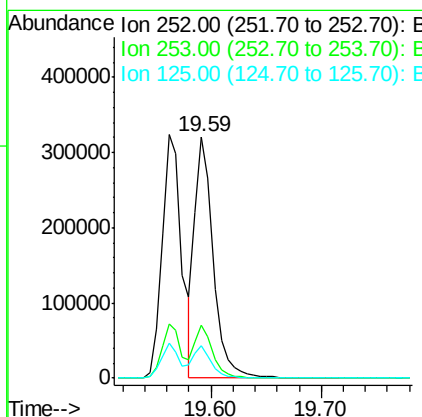
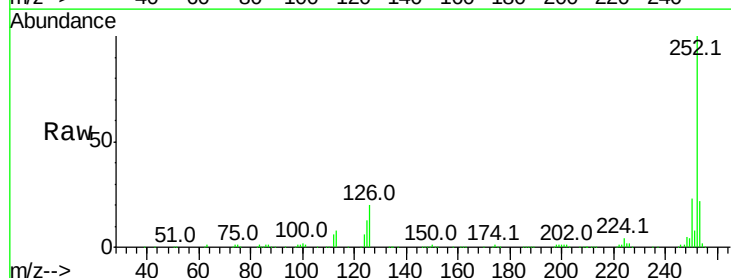
Instrument :
BNA_F
ClientSampleId :

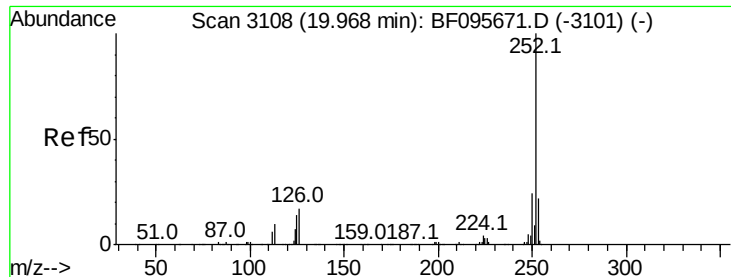
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	14.3	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 38.92 ng
RT: 19.59 min Scan# 3061
Delta R.T. -0.05 min
Lab File: BF095929.D
Acq: 14 Jun 2017 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.3	13.1	19.7





#89

Benzo(a)pyrene

Concen: 39.03 ng

RT: 19.92 min Scan# 3116

Delta R.T. -0.05 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

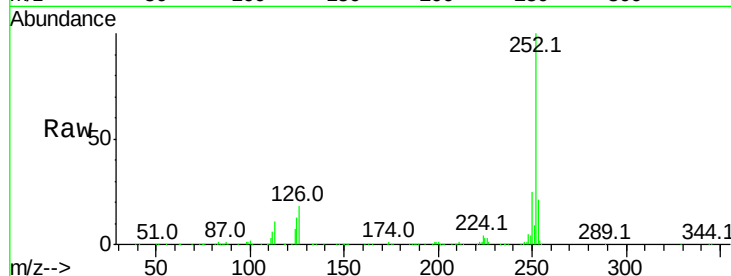
Tot Ion:252 Resp: 353378

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

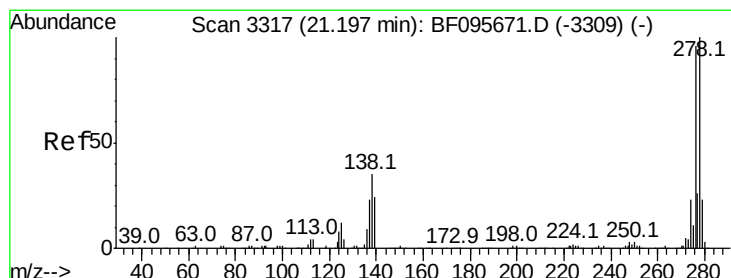
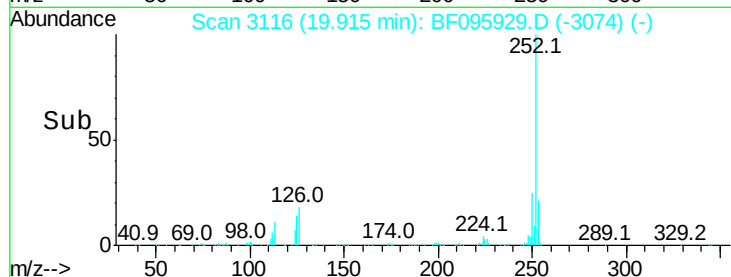
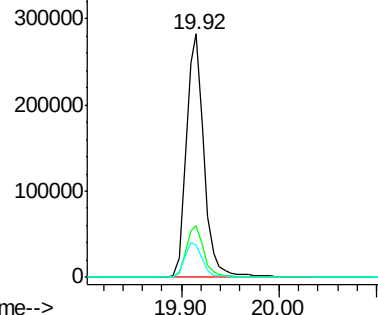
125 13.5 11.0 16.4



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: 37.64 ng

RT: 21.13 min Scan# 3323

Delta R.T. -0.06 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

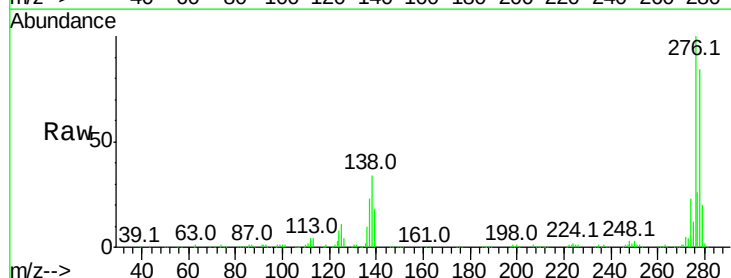
Tgt Ion:278 Resp: 289079

Ion Ratio Lower Upper

278 100

139 21.9 16.6 24.8

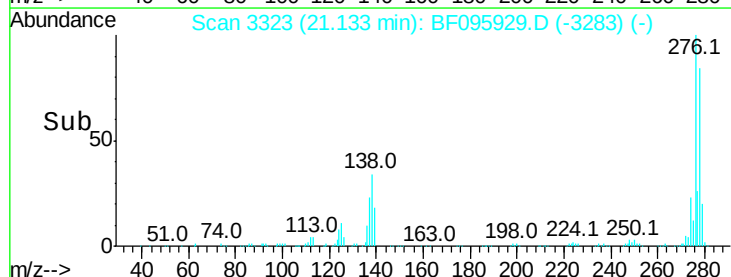
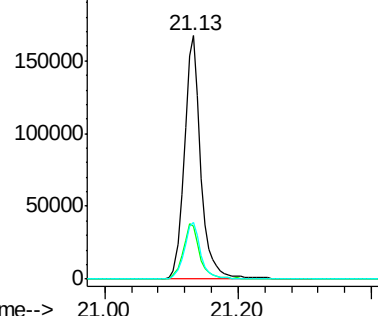
279 23.5 19.3 28.9

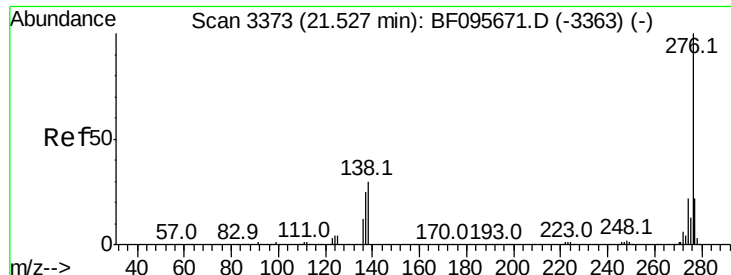


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.85 ng

RT: 21.46 min Scan# 3378

Delta R.T. -0.07 min

Lab File: BF095929.D

Acq: 14 Jun 2017 18:42

Instrument :

BNA_F

ClientSampleId :

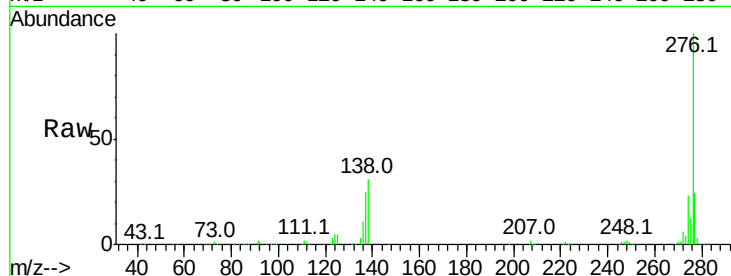
Tot Ion: 276 Resp: 296358

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 30.9 25.4 38.0



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

