

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096111.D
 Acq On : 22 Jun 2017 7:29
 Operator : SJ/MA
 Sample : I3747-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

Quant Time: Jun 22 10:53:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	87021	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	349915	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	111091	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	180820	20.00	ng	0.00
75) Chrysene-d12	18.27	240	145267	20.00	ng	0.00
86) Perylene-d12	19.94	264	100822	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	748195	137.00	ng	0.01
7) Phenol-d6	6.88	99	893350	136.64	ng	0.00
23) Nitrobenzene-d5	8.22	82	481879	85.53	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	123534	125.68	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	735770	92.17	ng	0.00
78) Terphenyl-d14	16.92	244	532175	90.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.65	88	97850	37.66	ng	93
3) Pyridine	2.19	79	220675	36.14	ng	95
4) n-Nitrosodimethylamine	2.16	42	92113	39.68	ng	82
6) Aniline	6.80	93	122470	14.32	ng	95
8) 2-Chlorophenol	6.98	128	259146	44.63	ng	95
9) Benzaldehyde	6.62	77	67399	15.28	ng	100
10) Phenol	6.89	94	338587	49.92	ng	92
11) bis(2-Chloroethyl)ether	6.94	93	237629	44.23	ng	97
12) 1,3-Dichlorobenzene	7.19	146	233621	35.55	ng	99
13) 1,4-Dichlorobenzene	7.32	146	251028	37.66	ng	96
14) 1,2-Dichlorobenzene	7.55	146	216764	35.28	ng	96
15) Benzyl Alcohol	7.61	79	201025	44.80	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.80	45	287623	38.10	ng	96
17) 2-Methylphenol	7.85	107	209693	43.03	ng	93
18) Hexachloroethane	8.06	117	51139	23.23	ng	# 84
19) n-Nitroso-di-n-propylamine	8.03	70	159602	38.52	ng	94
20) 3+4-Methylphenols	8.12	107	271055	43.82	ng	# 59
22) Acetophenone	7.99	105	316193	38.61	ng	# 84
24) Nitrobenzene	8.25	77	224255	37.26	ng	94
25) Isophorone	8.65	82	438263	41.66	ng	96
26) 2-Nitrophenol	8.76	139	84188	26.71	ng	100
27) 2,4-Dimethylphenol	8.92	122	216512	44.27	ng	97
28) bis(2-Chloroethoxy)methane	9.03	93	300515	43.33	ng	99
29) 2,4-Dichlorophenol	9.20	162	179129	38.03	ng	96
30) 1,2,4-Trichlorobenzene	9.26	180	178621	36.44	ng	99
31) Naphthalene	9.36	128	664722	37.85	ng	100
33) 4-Chloroaniline	9.53	127	53871	7.85	ng	95
34) Hexachlorobutadiene	9.57	225	75445	29.79	ng	97
35) Caprolactam	10.13	113	44423	31.69	ng	90
36) 4-Chloro-3-methylphenol	10.41	107	162056	32.87	ng	88
37) 2-Methylnaphthalene	10.49	142	368849	31.09	ng	96
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	134111	40.34	ng	99
42) 2,4,6-Trichlorophenol	11.01	196	90366	42.27	ng	94
43) 2,4,5-Trichlorophenol	11.12	196	91304	40.16	ng	# 93

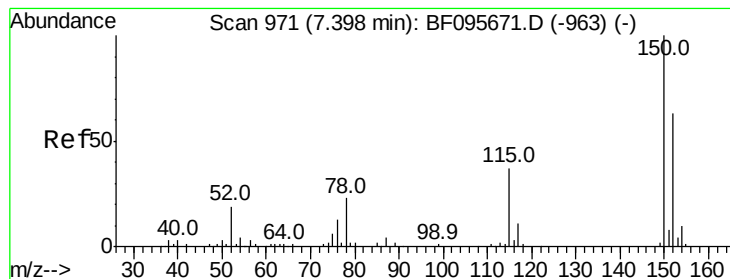
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	11.25	154	385755	42.13	nq	97
46) 2-Chloronaphthalene	11.27	162	291270	40.71	nq	95
47) 2-Nitroaniline	11.50	65	96926	46.30	nq	# 81
48) Acenaphthylene	11.92	152	436025	35.64	nq	99
49) Dimethylphthalate	11.82	163	613735	72.76	nq	98
50) 2,6-Dinitrotoluene	11.91	165	65635	35.68	nq	# 69
51) Acenaphthene	12.20	154	260158	36.82	nq	98
52) 3-Nitroaniline	12.18	138	75483	35.21	nq	# 83
54) Dibenzofuran	12.49	168	394336	39.66	nq	99
55) 4-Nitrophenol	12.66	139	50417	42.58	nq	# 78
56) 2,4-Dinitrotoluene	12.59	165	82721	33.29	nq	89
57) Fluorene	13.04	166	304460	35.18	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.75	232	59632	38.33	nq	# 89
59) Diethylphthalate	12.95	149	337954	41.63	nq	99
60) 4-Chlorophenyl-phenylether	13.07	204	140319	37.29	nq	89
61) 4-Nitroaniline	13.18	138	95878	47.91	nq	96
62) Azobenzene	13.32	77	281732	38.30	nq	95
65) n-Nitrosodiphenylamine	13.28	169	271942	41.85	nq	99
66) 4-Bromophenyl-phenylether	13.84	248	73926	39.34	nq	99
67) Hexachlorobenzene	13.93	284	72230	39.01	nq	# 88
68) Atrazine	14.20	200	73633	40.72	nq	96
69) Pentachlorophenol	14.32	266	26101	40.71	nq	94
70) Phenanthrene	14.57	178	422034	40.45	nq	99
71) Anthracene	14.66	178	421648	38.71	nq	98
72) Carbazole	14.97	167	424930	40.03	nq	96
73) Di-n-butylphthalate	15.56	149	484647	42.92	nq	98
74) Fluoranthene	16.36	202	461819	44.72	nq	98
76) Benzidine	16.60	184	157736	28.27	nq	# 92
77) Pvrene	16.67	202	471124	43.47	nq	98
79) Butylbenzylphthalate	17.59	149	215822	45.59	nq	88
80) Benzo(a)anthracene	18.26	228	341983	40.49	nq	98
81) 3,3'-Dichlorobenzidine	18.24	252	84676	28.20	nq	# 97
82) Chrysene	18.30	228	325672	38.58	nq	98
83) Bis(2-ethylhexyl)phthalate	18.34	149	308699	46.23	nq	# 100
84) Di-n-octyl phthalate	19.11	149	500233	45.46	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	222852	30.86	nq	99
87) Benzo(b)fluoranthene	19.54	252	261303	41.39	nq	98
88) Benzo(k)fluoranthene	19.56	252	241199	39.97	nq	96
89) Benzo(a)pyrene	19.89	252	228558	39.39	nq	98
90) Dibenzo(a,h)anthracene	21.10	278	186534	37.90	nq	98
91) Benzo(g,h,i)perylene	21.43	276	183643	36.60	nq	99

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

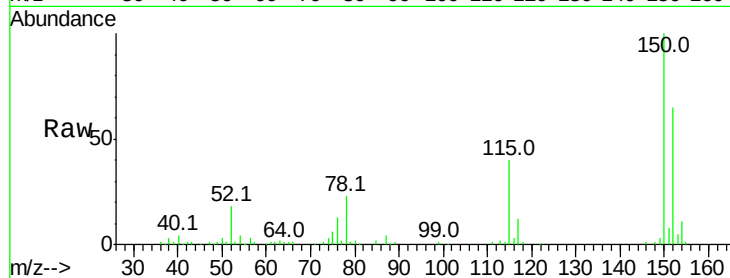


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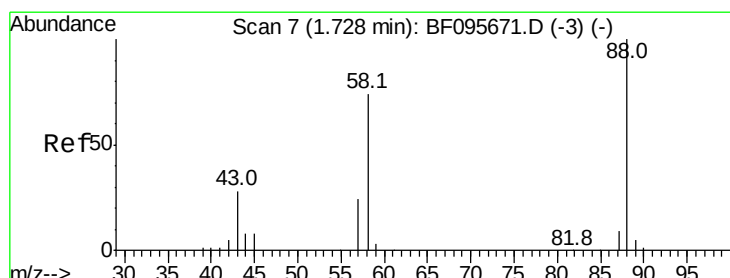
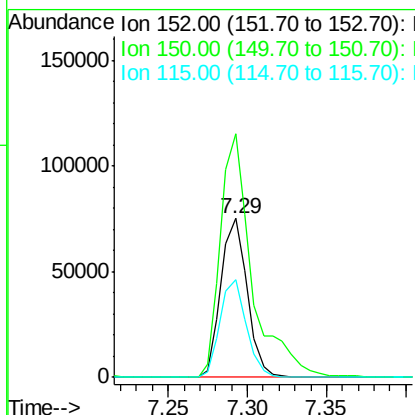
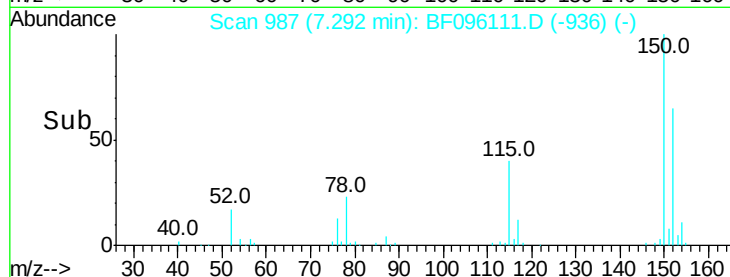
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion:152 Resp: 87021
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 61.4 52.2 78.2



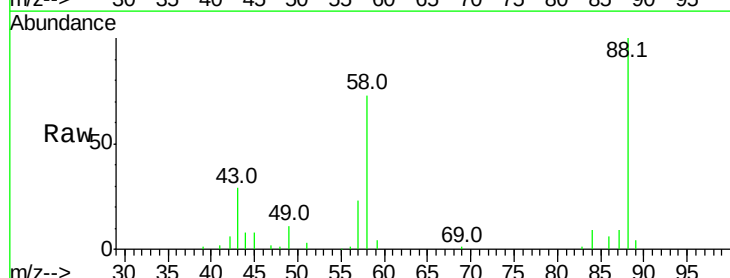
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



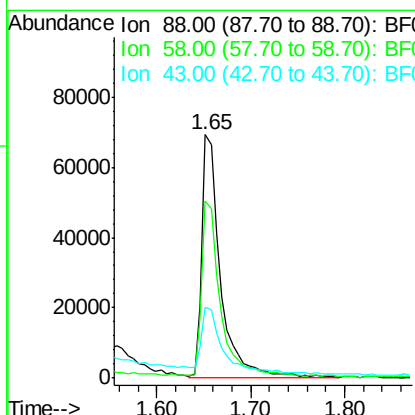
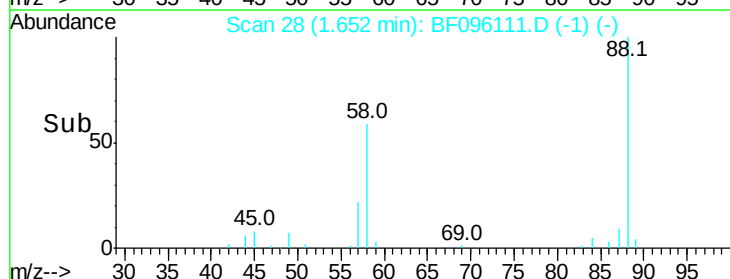
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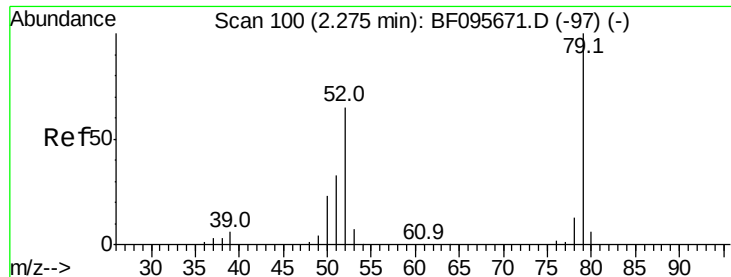
1,4-Dioxane
Concen: 37.66 ng
RT: 1.65 min Scan# 28
Delta R.T. 0.04 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 88 Resp: 97850
Ion Ratio Lower Upper
88 100
58 69.7 61.4 92.0
43 31.5 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

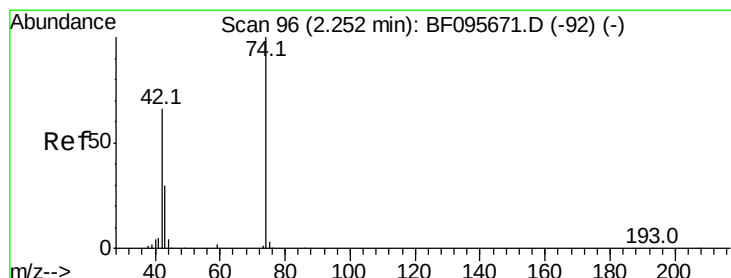
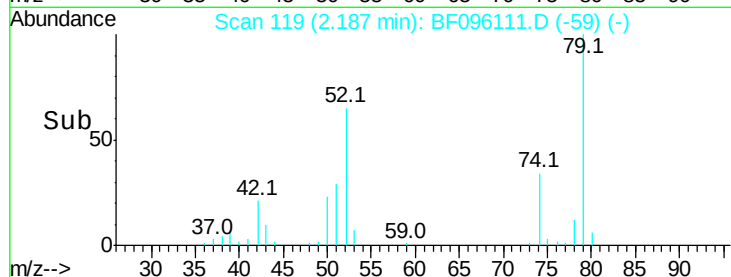
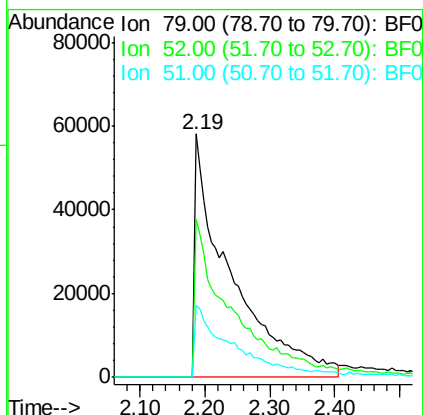
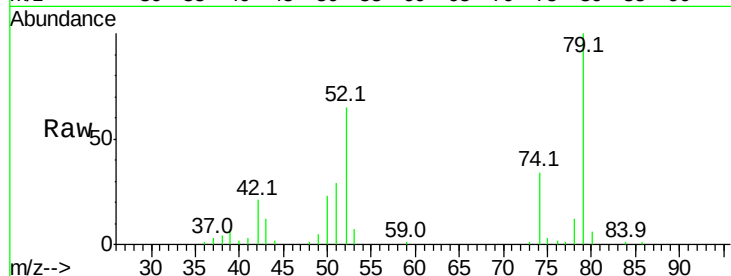




#3
 Pvridine
 Concen: 36.14 ng
 RT: 2.19 min Scan# 119
 Delta R.T. 0.05 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

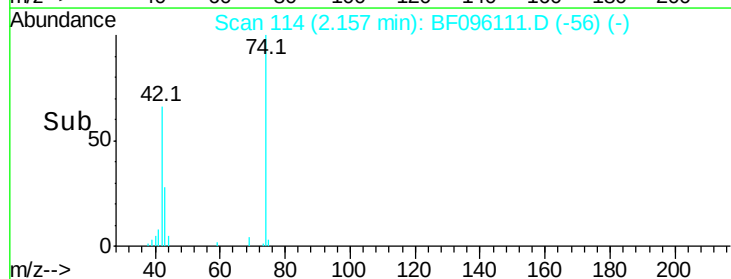
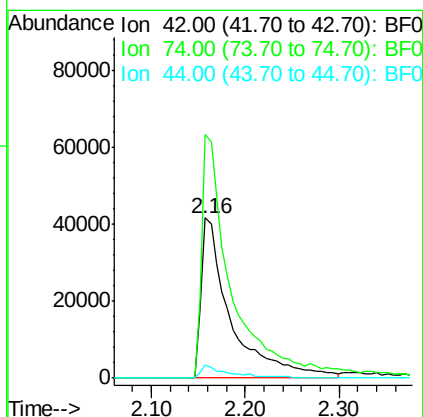
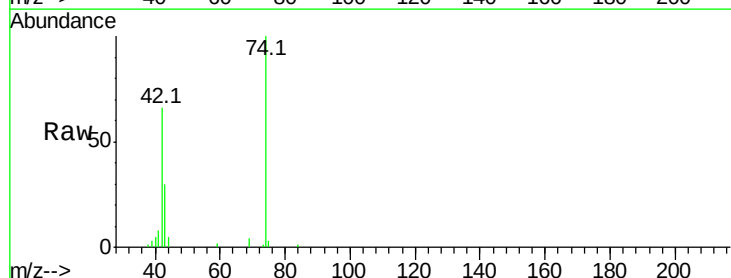
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

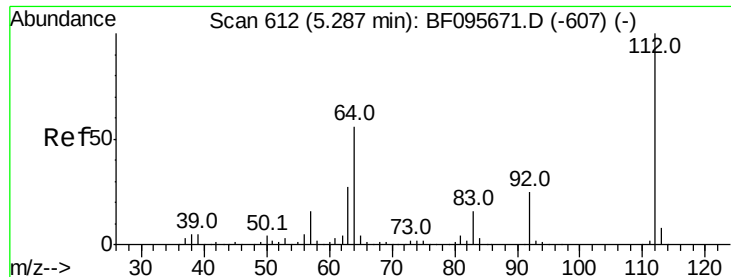
Tot Ion: 79 Resp: 220675
 Ion Ratio Lower Upper
 79 100
 52 65.0 54.8 82.2
 51 29.4 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 39.68 ng
 RT: 2.16 min Scan# 114
 Delta R.T. 0.04 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion: 42 Resp: 92113
 Ion Ratio Lower Upper
 42 100
 74 152.1 103.9 155.9
 44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 137.00 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

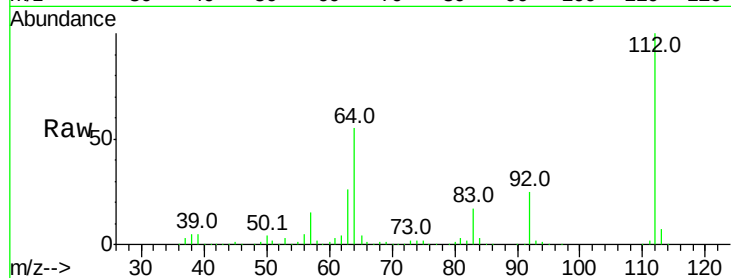
Tot Ion:112 Resp: 748195

Ion Ratio Lower Upper

112 100

64 54.6 46.0 69.0

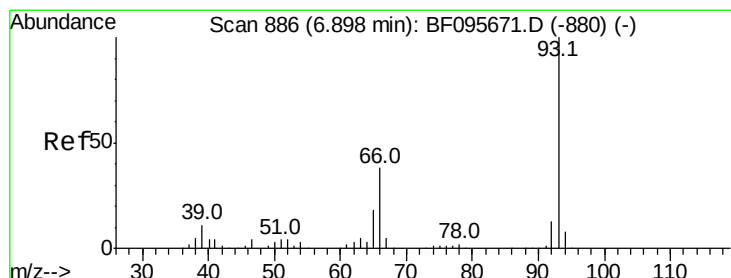
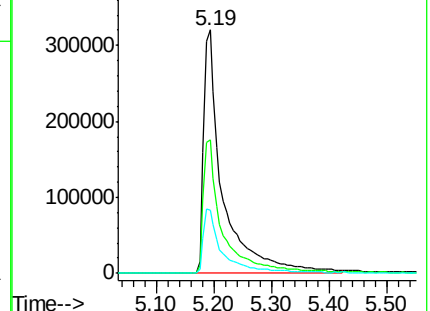
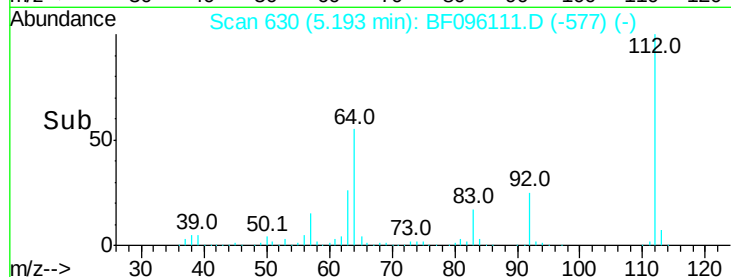
63 26.1 23.4 35.0



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: 14.32 ng

RT: 6.80 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

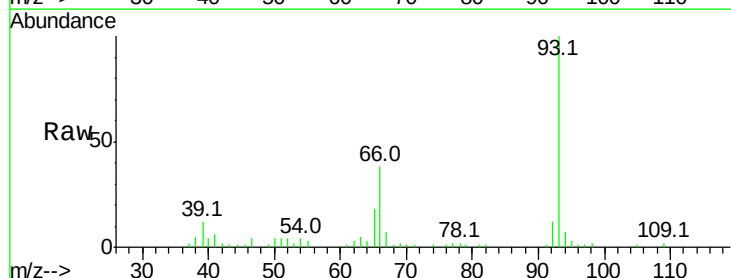
Tgt Ion: 93 Resp: 122470

Ion Ratio Lower Upper

93 100

66 38.0 32.9 49.3

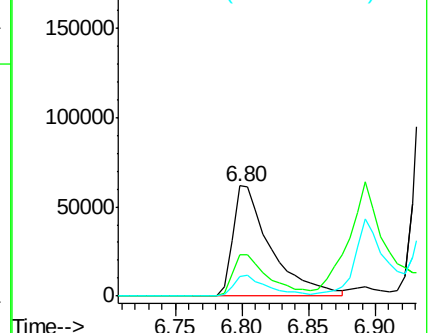
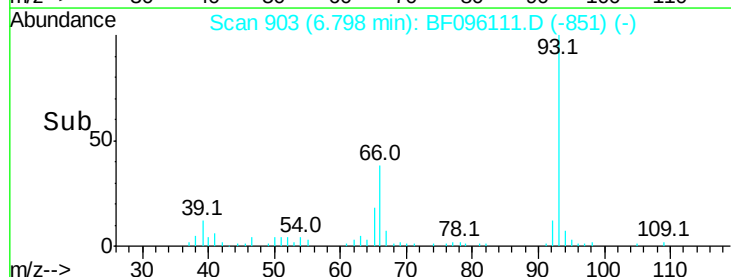
65 18.2 16.0 24.0

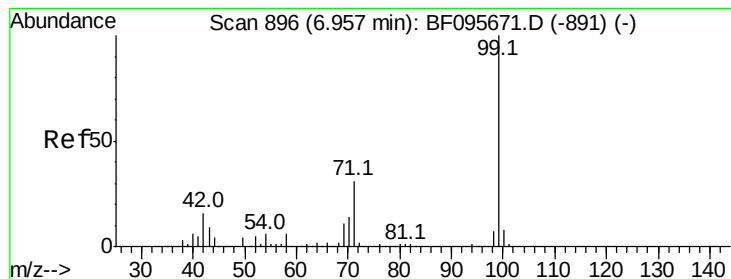


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.64 ng

RT: 6.88 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

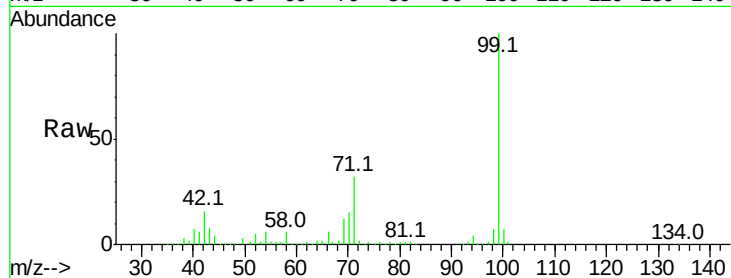
Tot Ion: 99 Resp: 893350

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

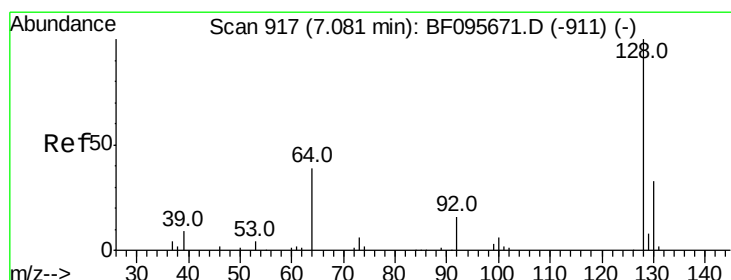
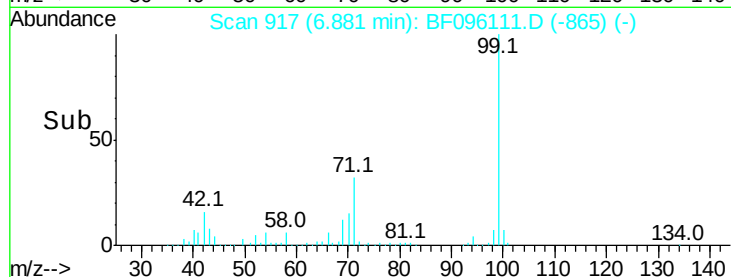
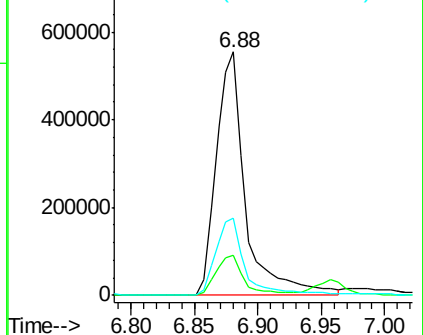
71 31.8 24.5 36.7



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: 44.63 ng

RT: 6.98 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

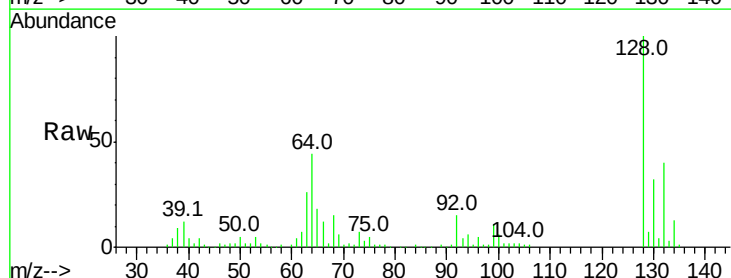
Tgt Ion: 128 Resp: 259146

Ion Ratio Lower Upper

128 100

130 31.8 12.9 52.9

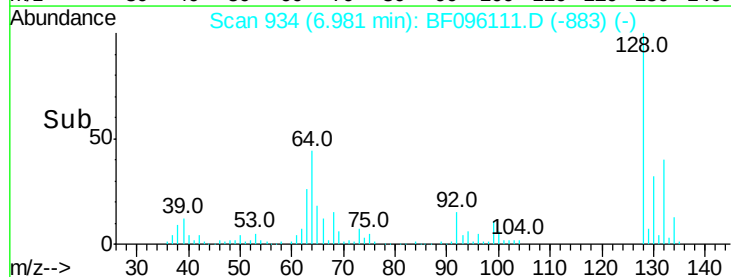
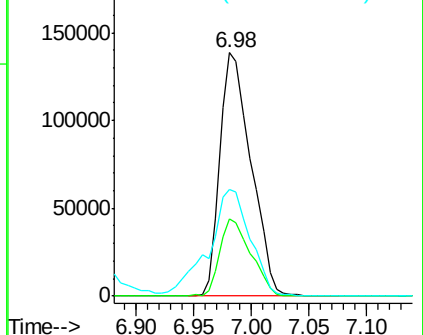
64 44.1 28.4 68.4

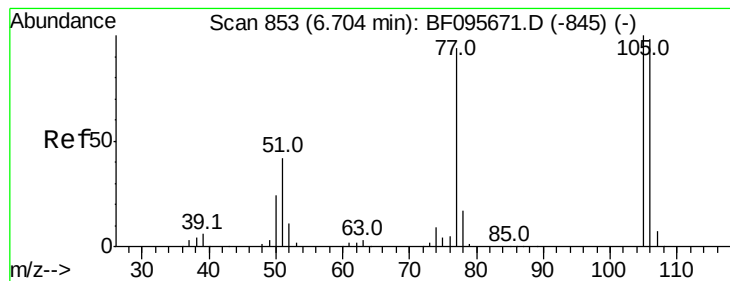


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.28 ng

RT: 6.62 min Scan# 872

Delta R.T. 0.02 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

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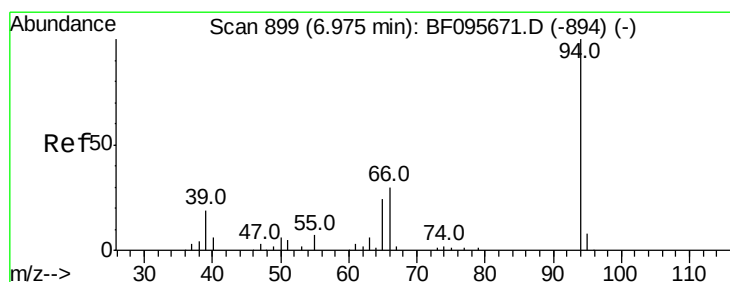
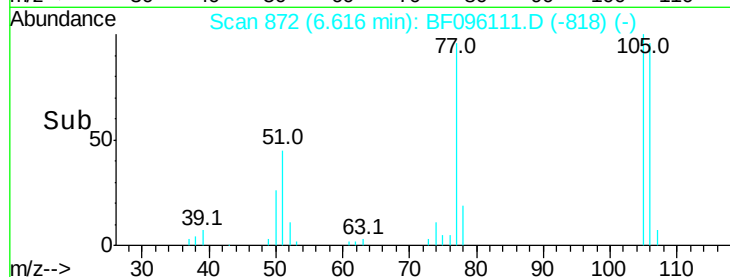
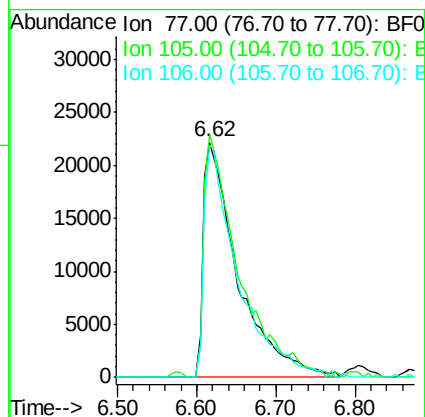
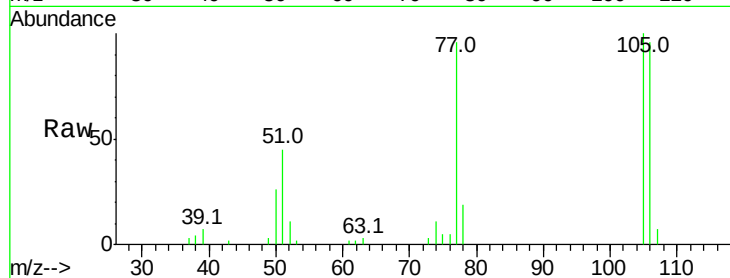
Tot Ion: 77 Resp: 67399

Ion Ratio Lower Upper

77 100

105 103.6 83.8 123.8

106 99.0 79.1 119.1



#10

Phenol

Concen: 49.92 ng

RT: 6.89 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

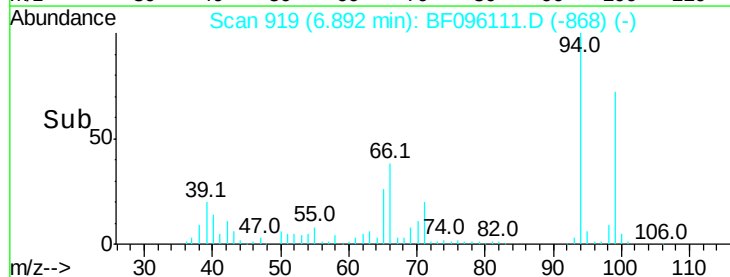
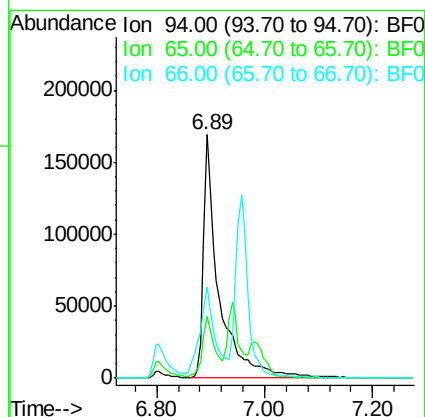
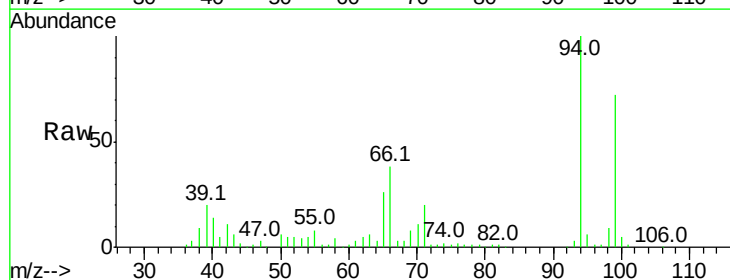
Tgt Ion: 94 Resp: 338587

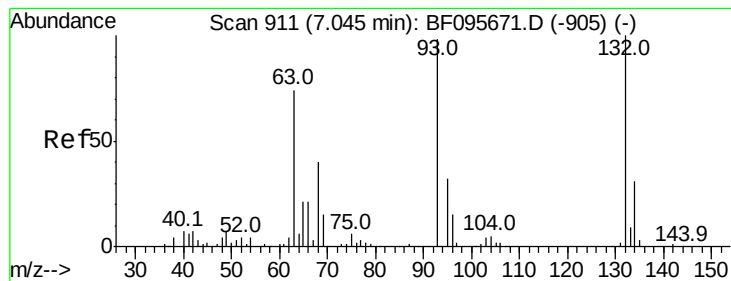
Ion Ratio Lower Upper

94 100

65 25.6 9.9 49.9

66 37.7 23.1 63.1

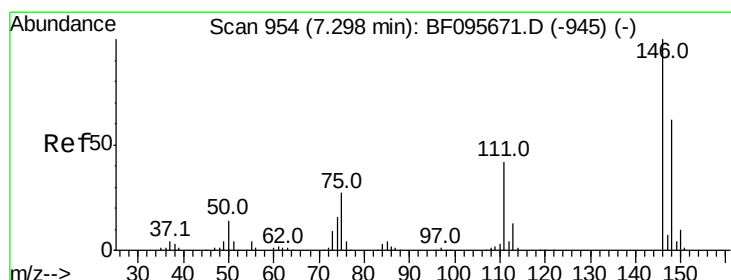
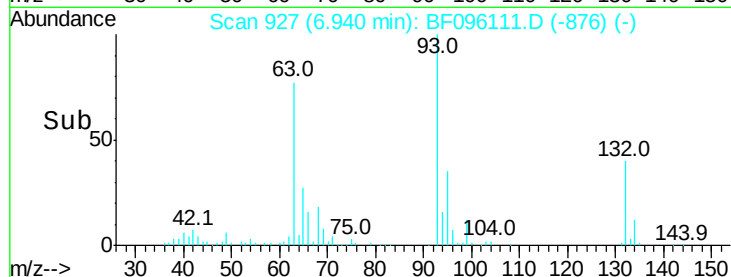
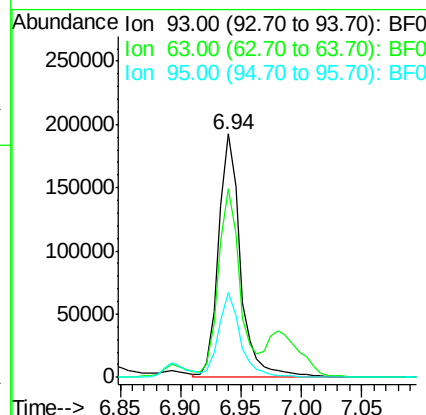
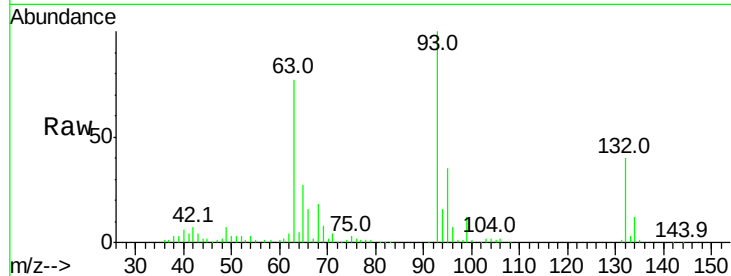




#11
bis(2-Chloroethyl)ether
Concen: 44.23 ng
RT: 6.94 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

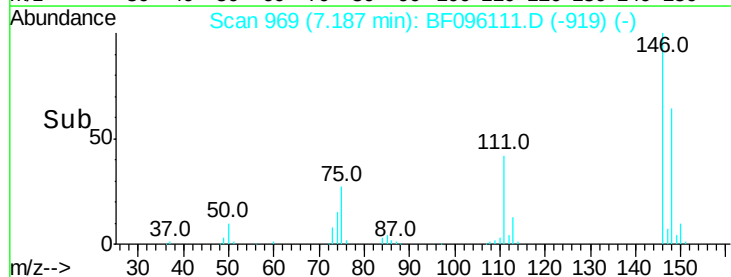
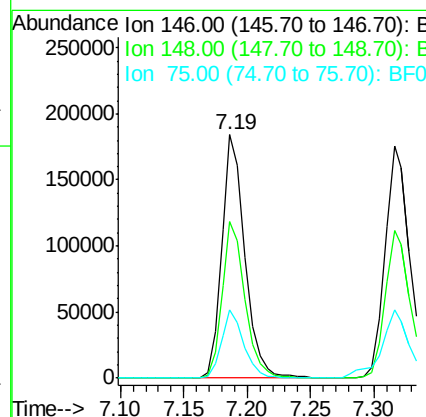
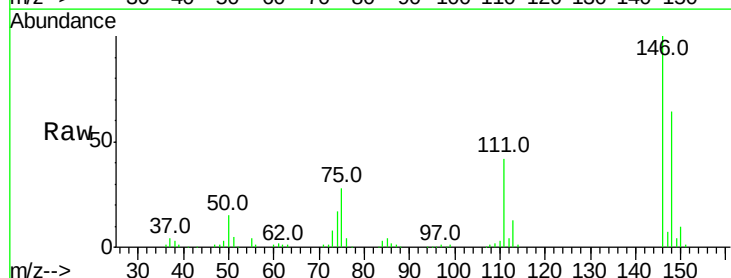
Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

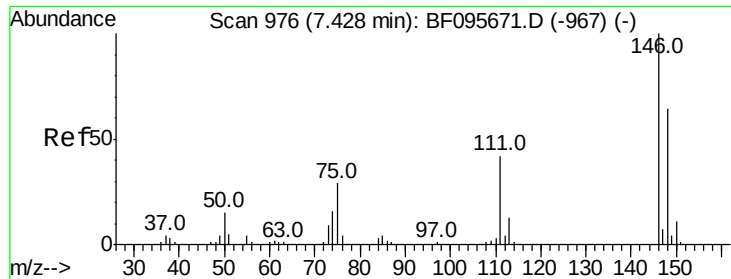
Tot Ion: 93 Resp: 237629
Ion Ratio Lower Upper
93 100
63 77.3 59.2 99.2
95 34.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.55 ng
RT: 7.19 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 146 Resp: 233621
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 27.9 23.1 34.7

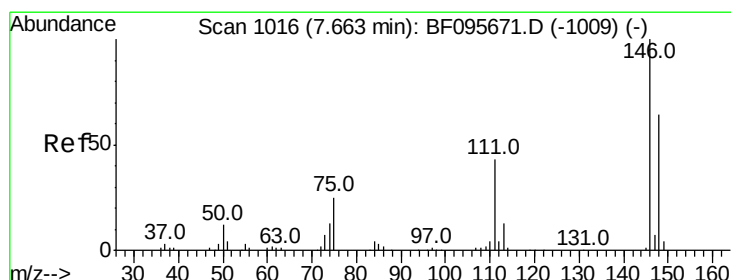
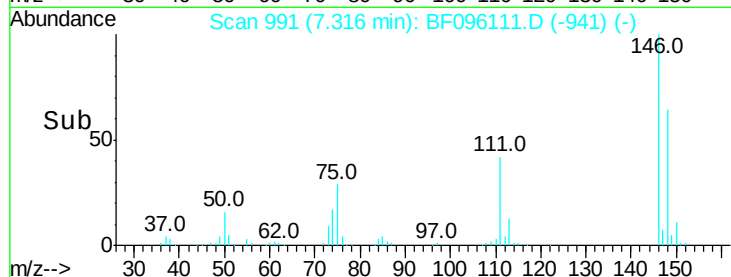
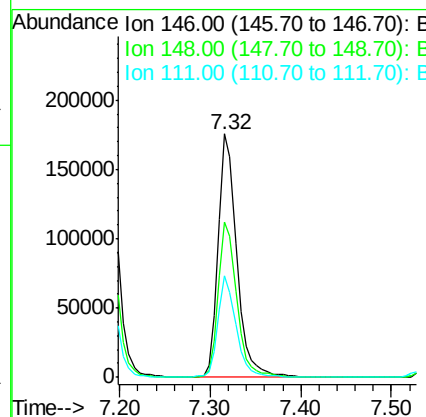
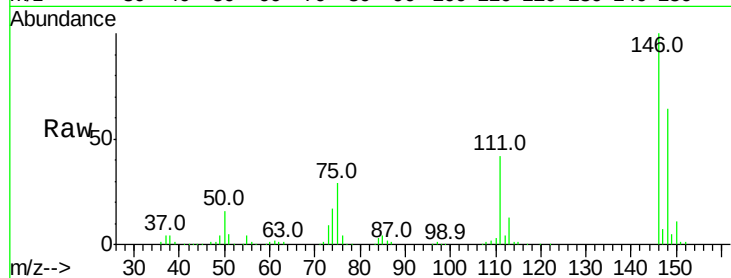




#13
 1,4-Dichlorobenzene
 Concen: 37.66 ng
 RT: 7.32 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

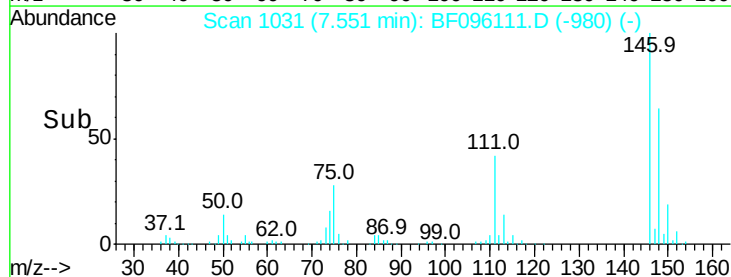
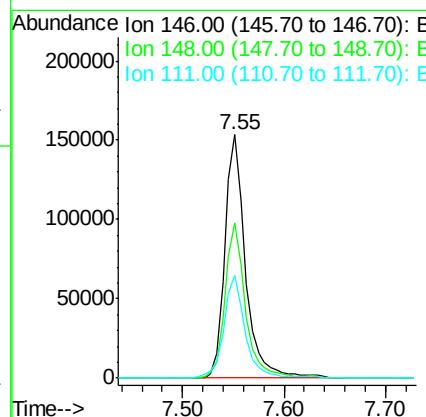
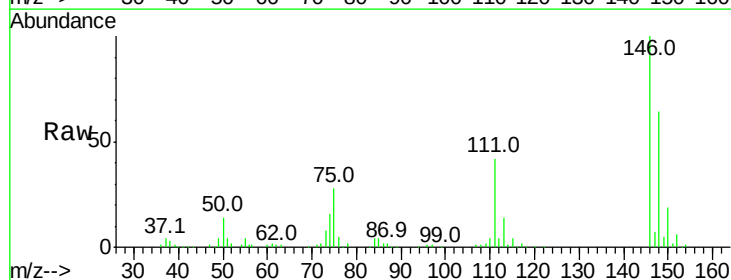
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

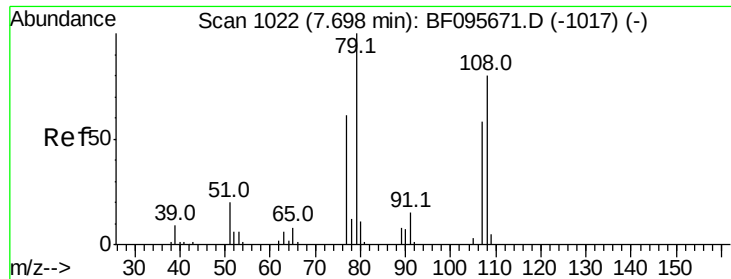
Tot Ion:146 Resp: 251028
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 41.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 35.28 ng
 RT: 7.55 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:146 Resp: 216764
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 42.1 38.2 57.4

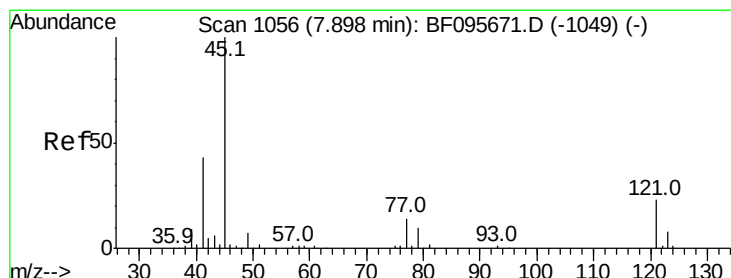
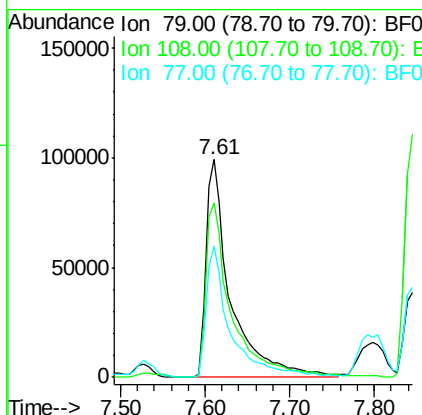
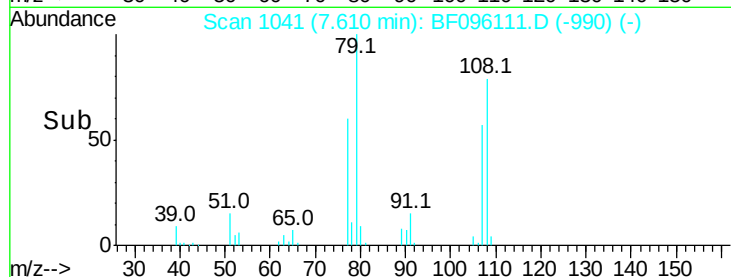
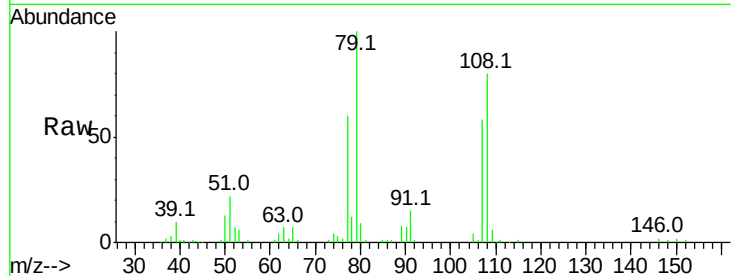




#15
Benzyl Alcohol
Concen: 44.80 ng
RT: 7.61 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

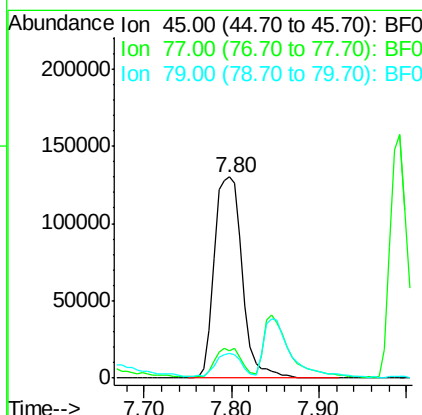
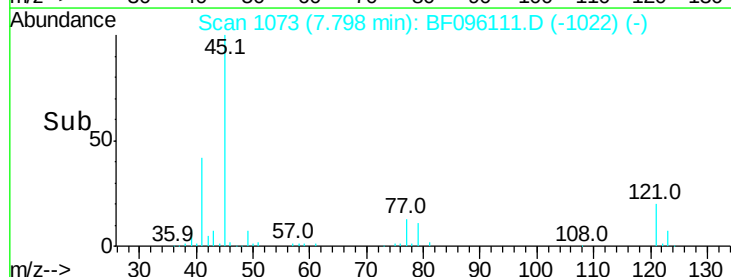
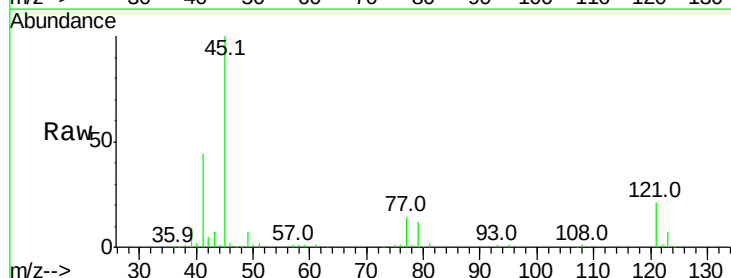
Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

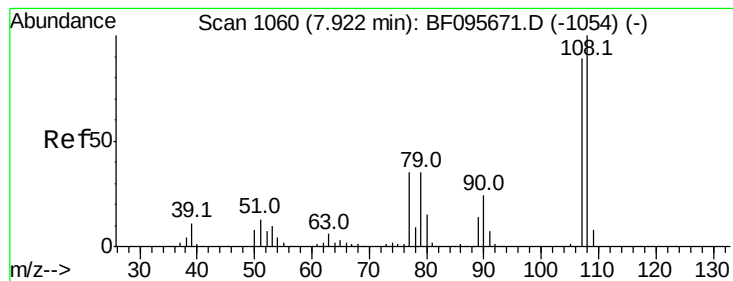
Tot Ion: 79 Resp: 201025
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 60.4 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.10 ng
RT: 7.80 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 45 Resp: 287623
Ion Ratio Lower Upper
45 100
77 13.9 0.0 33.2
79 12.2 0.0 30.0

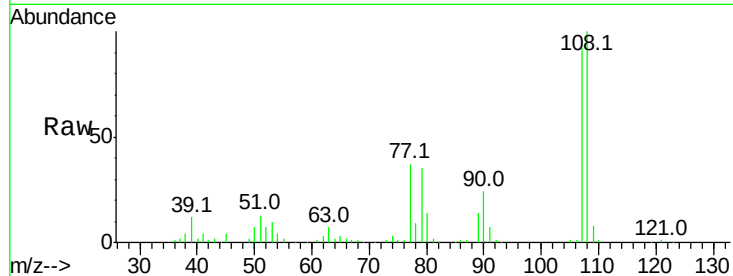




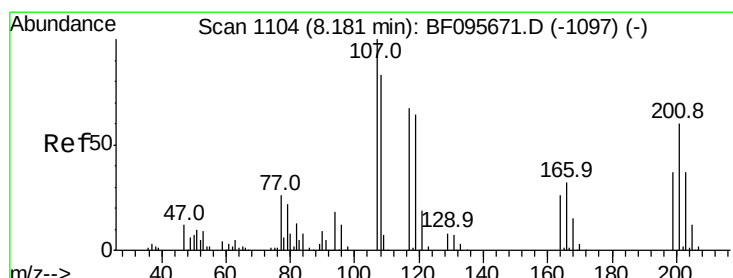
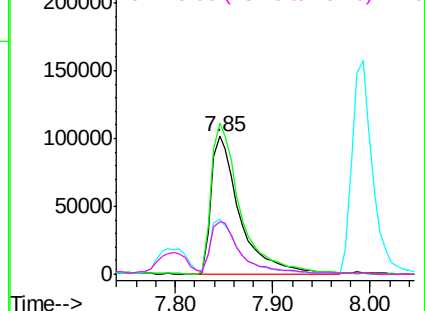
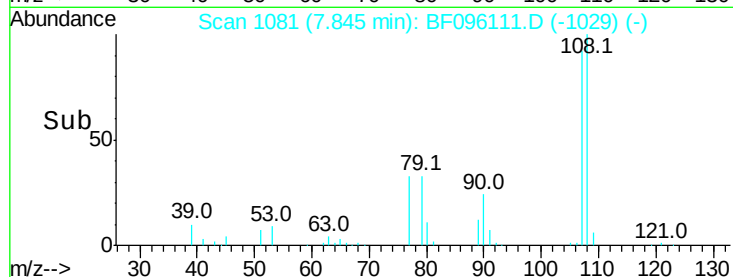
#17
2-Methylphenol
Concen: 43.03 ng
RT: 7.85 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion:107 Resp: 209693
Ion Ratio Lower Upper
107 100
108 108.9 93.4 140.0
77 40.1 35.8 53.6
79 37.9 34.8 52.2

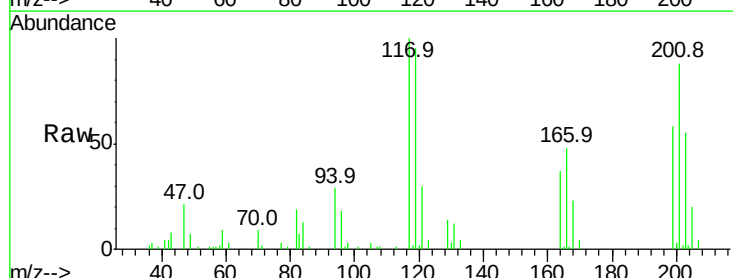


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

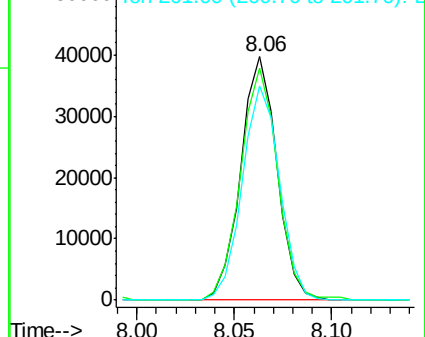
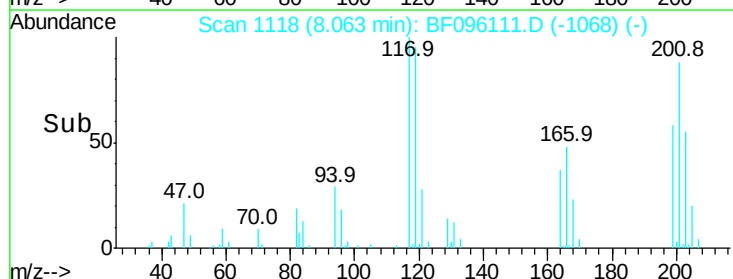


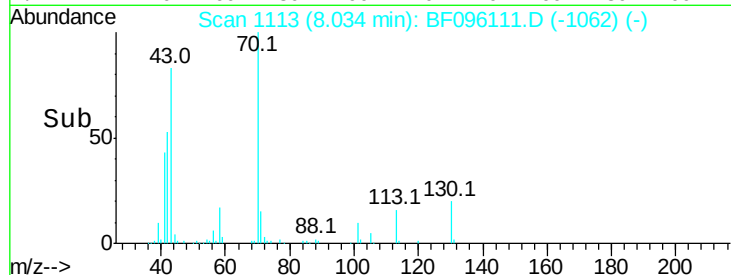
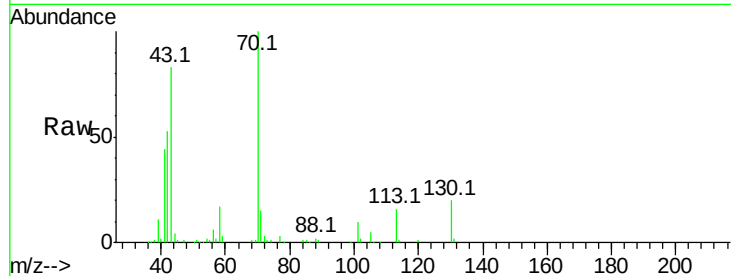
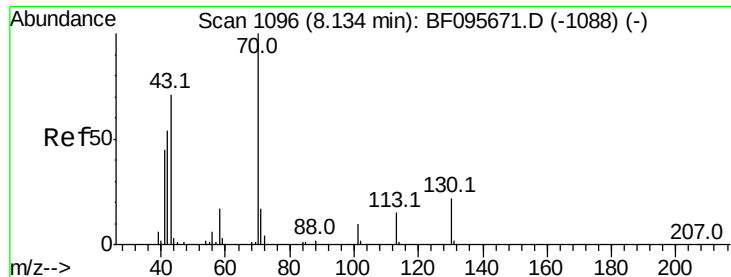
#18
Hexachloroethane
Concen: 23.23 ng
RT: 8.06 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:117 Resp: 51139
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
201 88.2 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

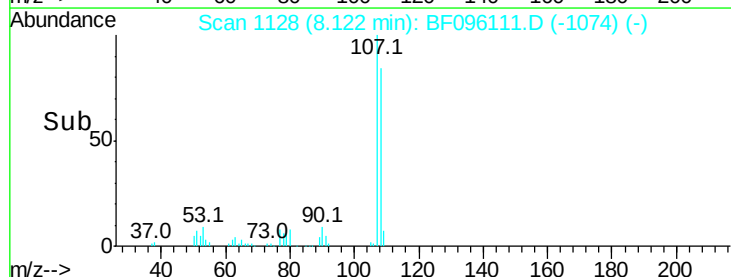
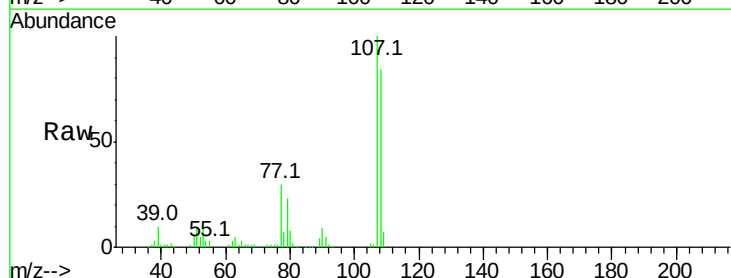
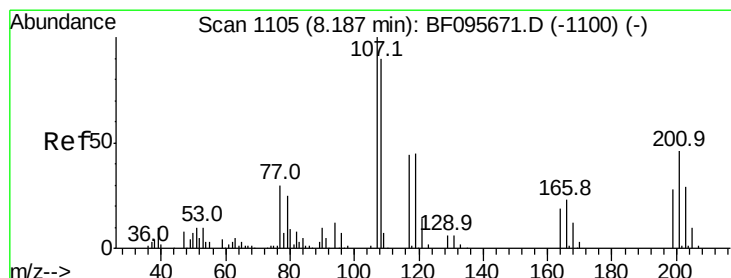
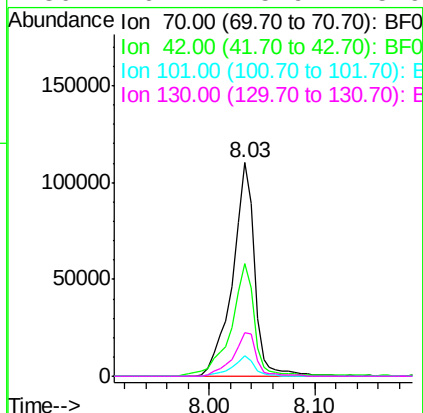




#19
n-Nitroso-di-n-propylamine
Concen: 38.52 ng
RT: 8.03 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

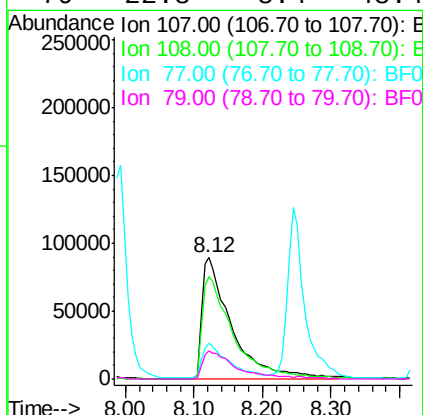
Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

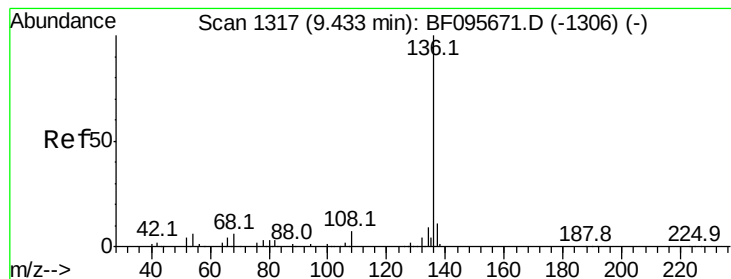
Tot Ion:	70	Resp:	159602
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	9.5	7.2	10.8
130	20.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.82 ng
RT: 8.12 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:	107	Resp:	271055
Ion	Ratio	Lower	Upper
107	100		
108	84.0	71.0	111.0
77	29.5	90.5	130.5#
79	22.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.32 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

Tot Ion:136 Resp: 349915

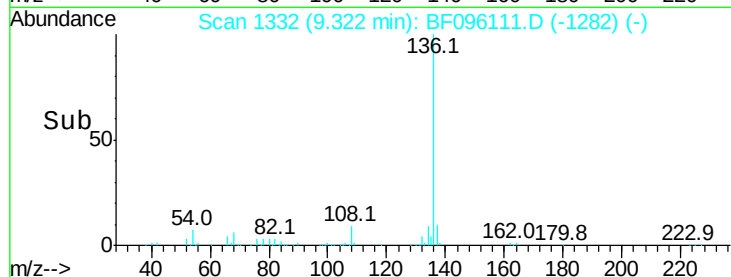
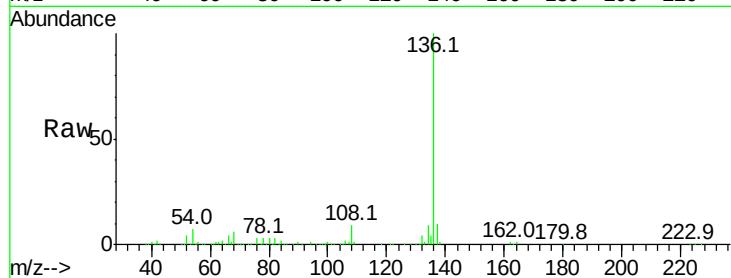
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 7.2 4.9 7.3

68 5.8 4.1 6.1

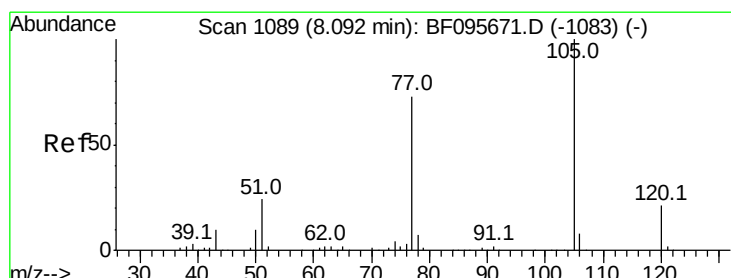
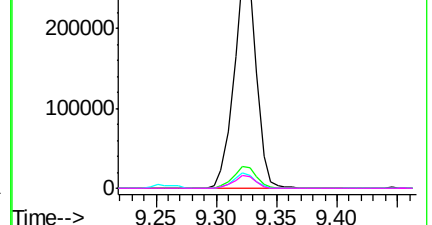


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.61 ng

RT: 7.99 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Tgt Ion:105 Resp: 316193

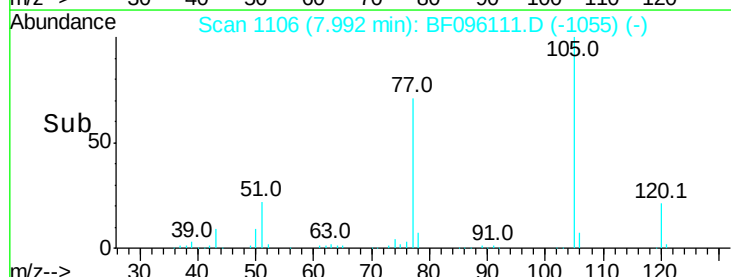
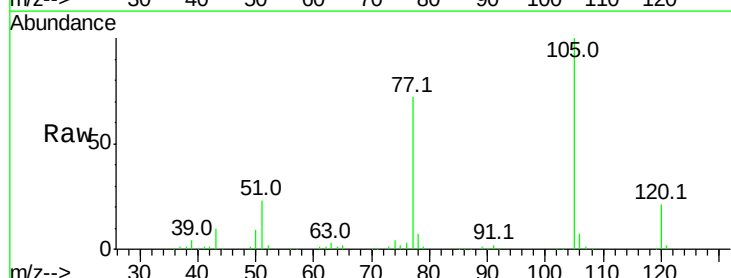
Ion Ratio Lower Upper

105 100

71 0.2 2.8 4.2#

51 22.8 30.7 46.1#

120 21.2 17.4 26.0

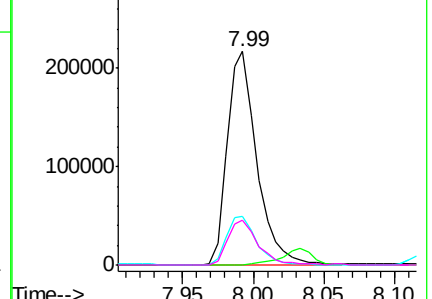


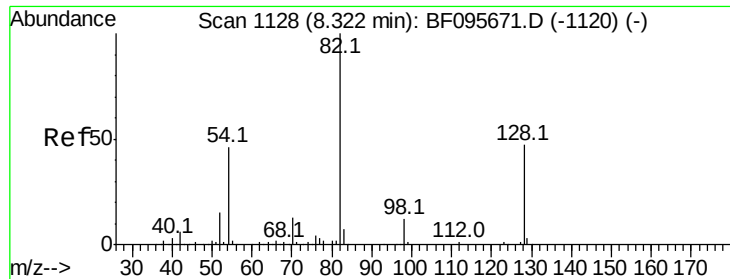
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

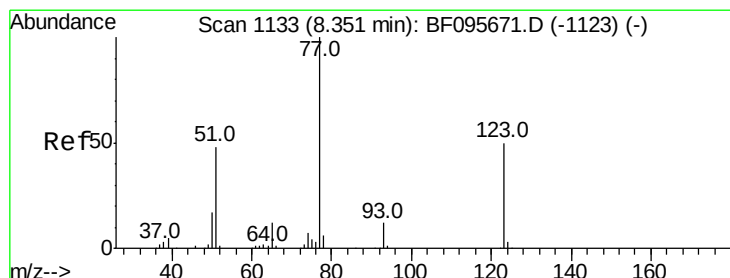
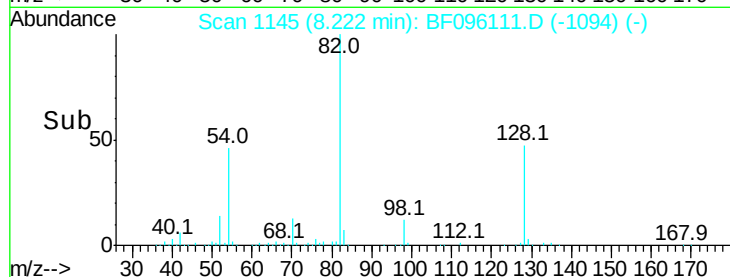
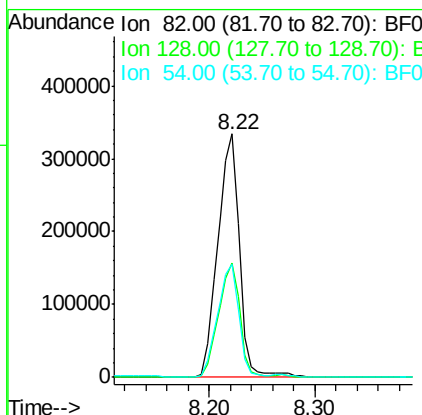
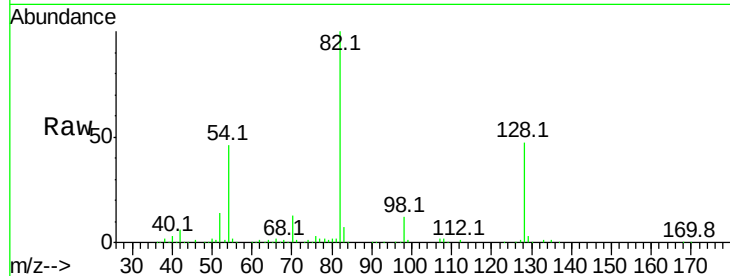




#23
 Nitrobenzene-d5
 Concen: 85.53 ng
 RT: 8.22 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

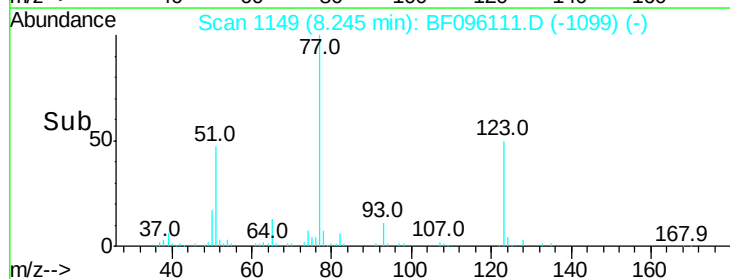
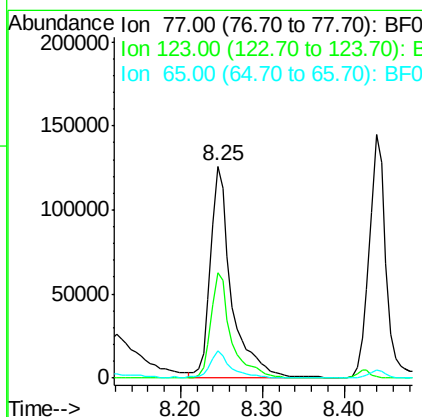
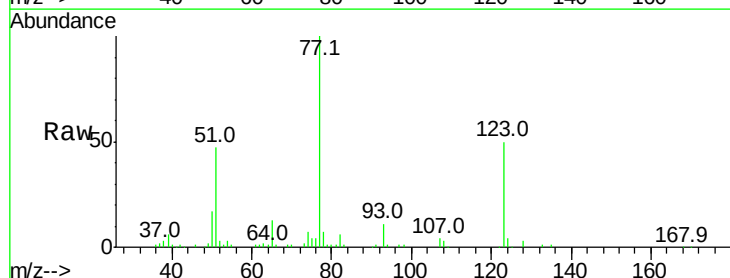
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

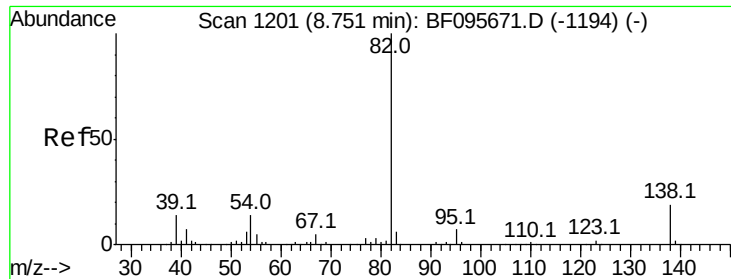
Tot Ion	82	Resp	481879
Ion Ratio	Lower	Upper	
82	100		
128	47.1	34.0	51.0
54	46.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 37.26 ng
 RT: 8.25 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	77	Resp	224255
Ion Ratio	Lower	Upper	
77	100		
123	49.7	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.66 ng

RT: 8.65 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

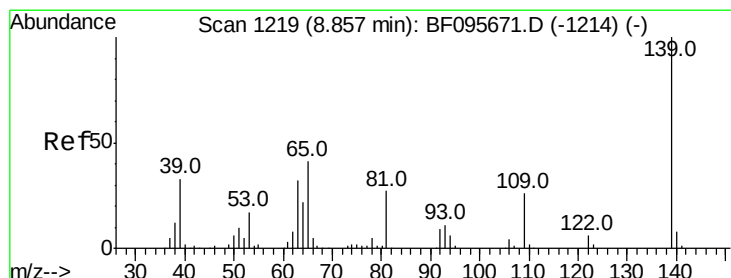
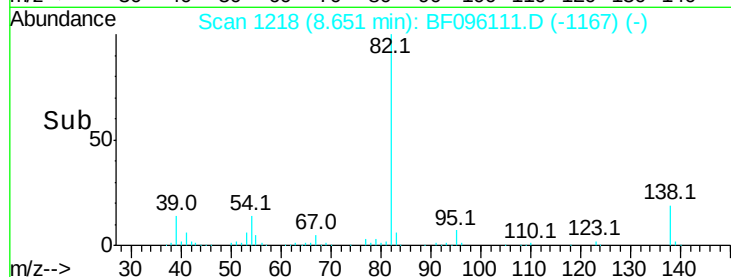
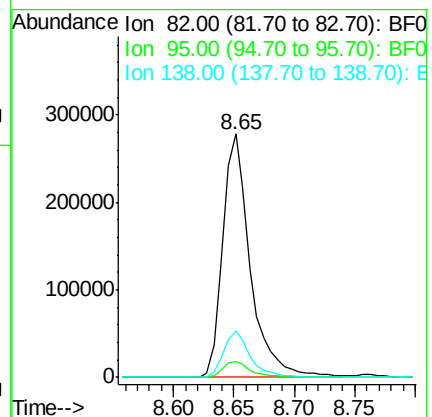
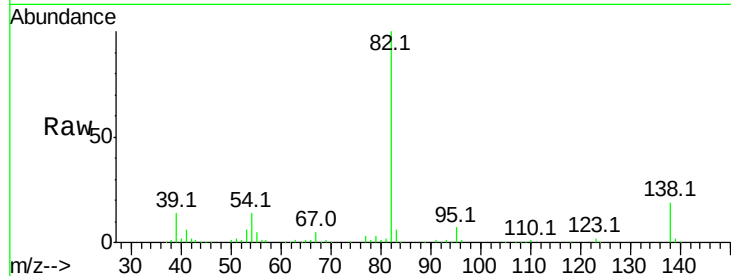
Tot Ion: 82 Resp: 438263

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 26.71 ng

RT: 8.76 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

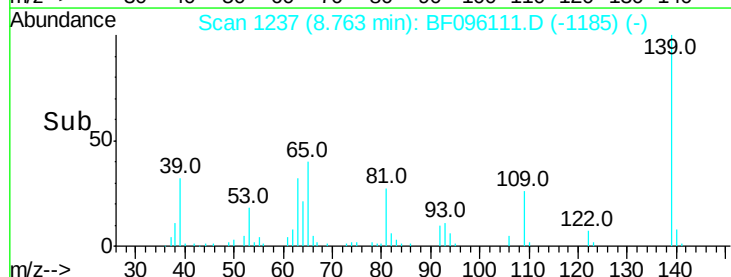
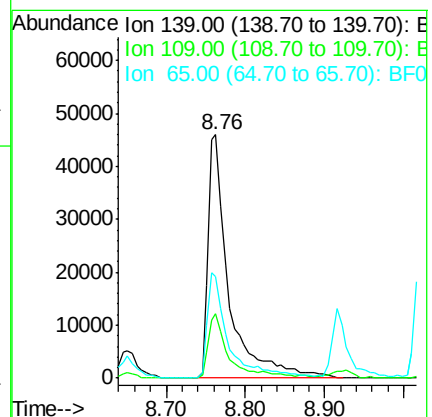
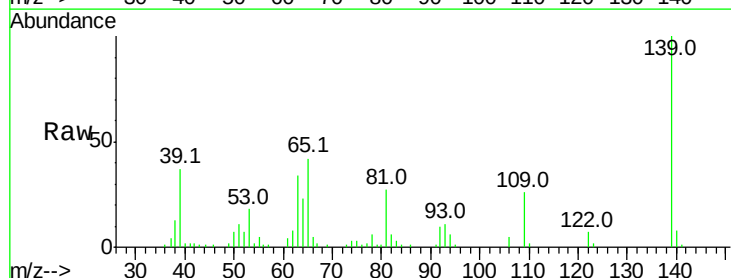
Tgt Ion:139 Resp: 84188

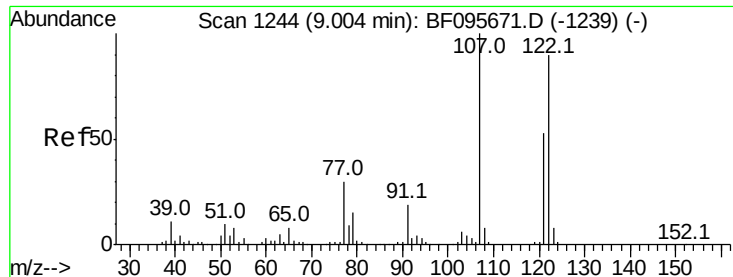
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

65 41.5 33.0 49.6

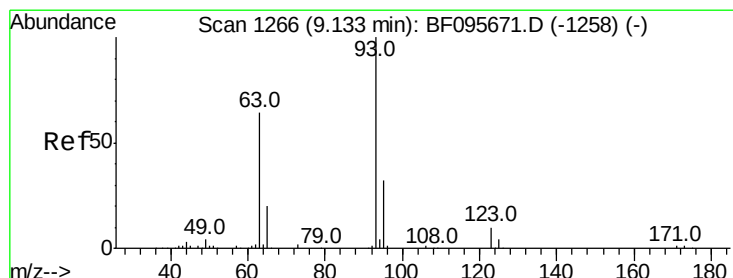
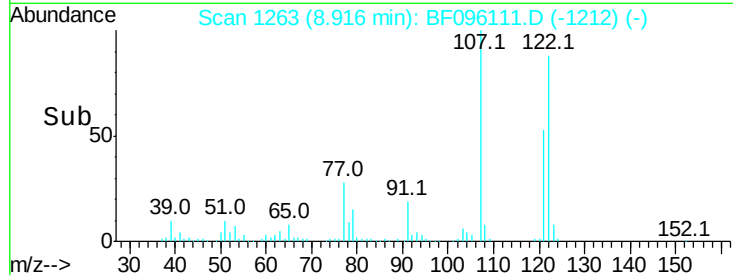
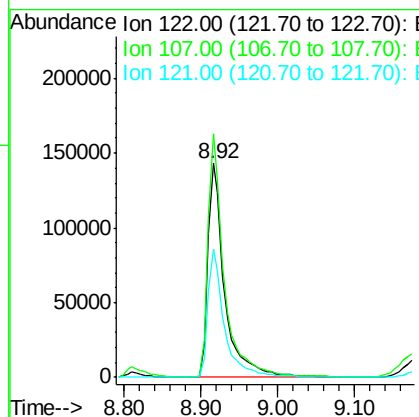
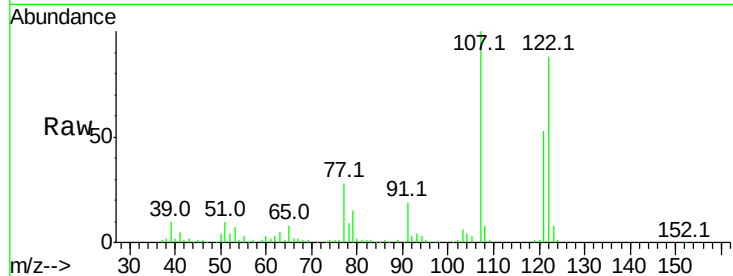




#27
 2,4-Dimethylphenol
 Concen: 44.27 ng
 RT: 8.92 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

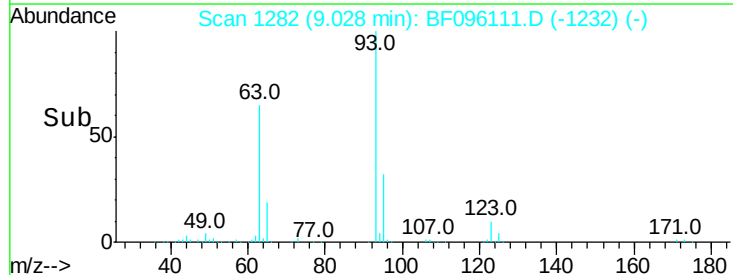
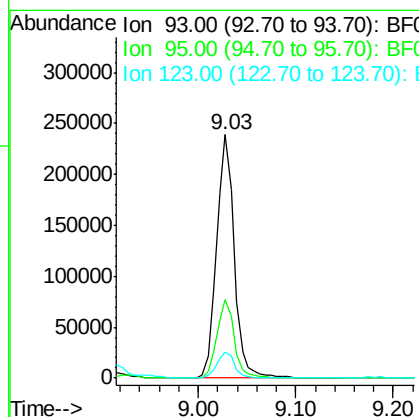
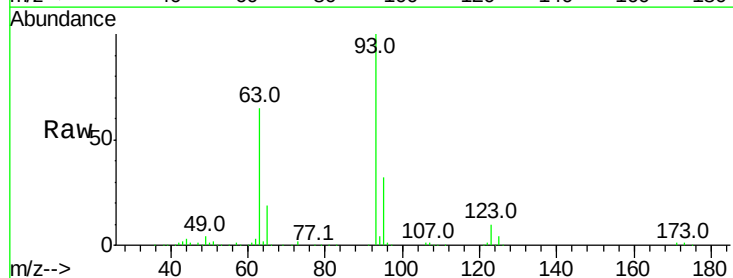
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

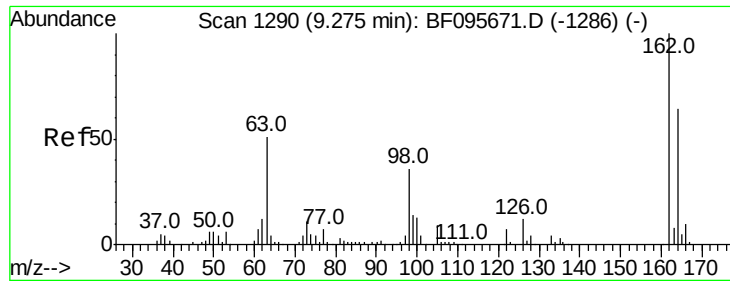
Tot Ion:122 Resp: 216512
 Ion Ratio Lower Upper
 122 100
 107 113.8 89.2 133.8
 121 59.9 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.33 ng
 RT: 9.03 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion: 93 Resp: 300515
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.5 9.0 13.4

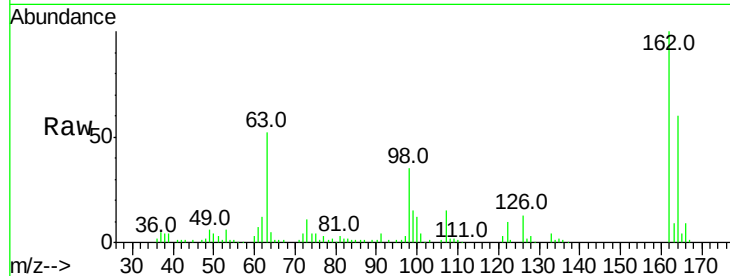




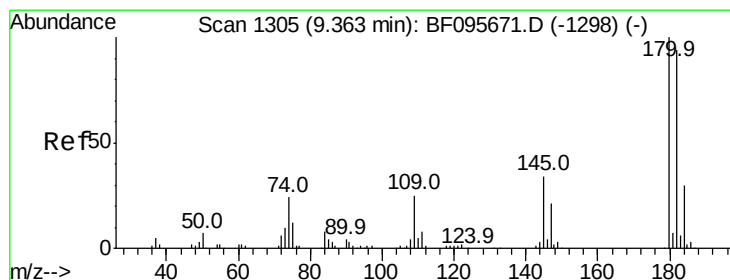
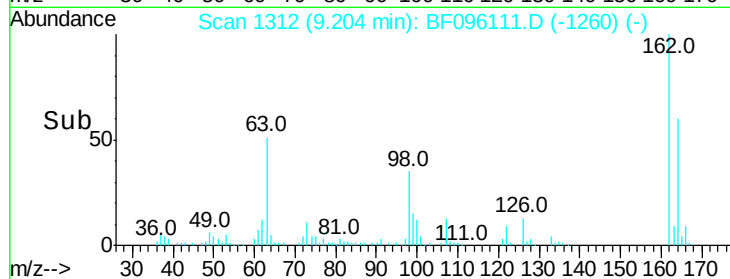
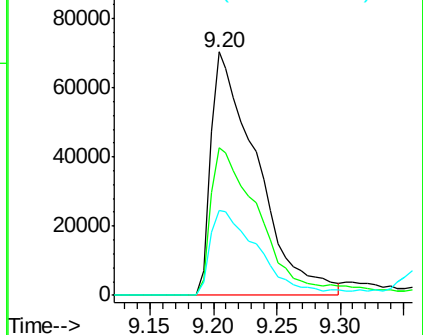
#29
 2,4-Dichlorophenol
 Concen: 38.03 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.5	44.6	84.6
98	35.0	14.8	54.8

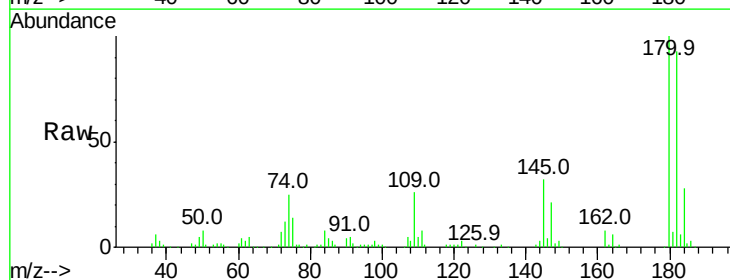


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

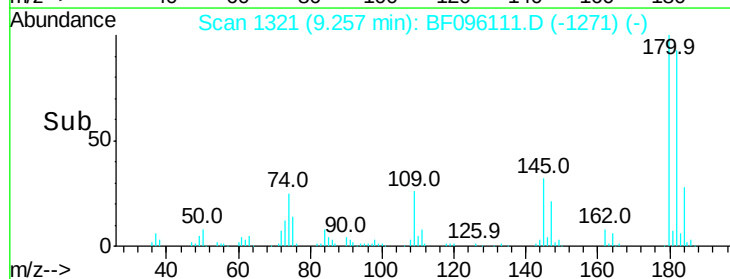
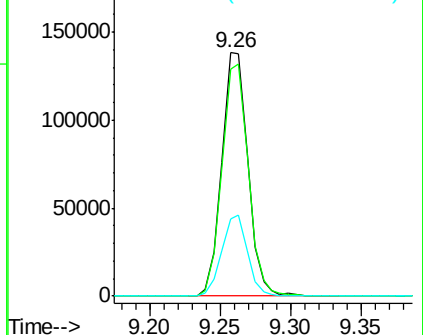


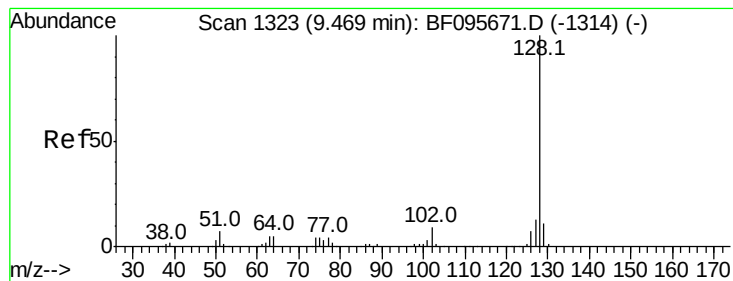
#30
 1,2,4-Trichlorobenzene
 Concen: 36.44 ng
 RT: 9.26 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.6
145	31.6	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: 37.85 ng

RT: 9.36 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

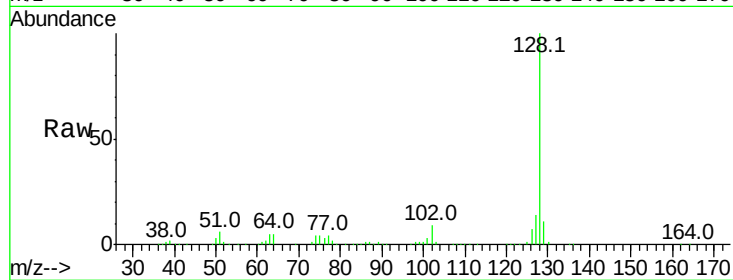
Tot Ion:128 Resp: 664722

Ion Ratio Lower Upper

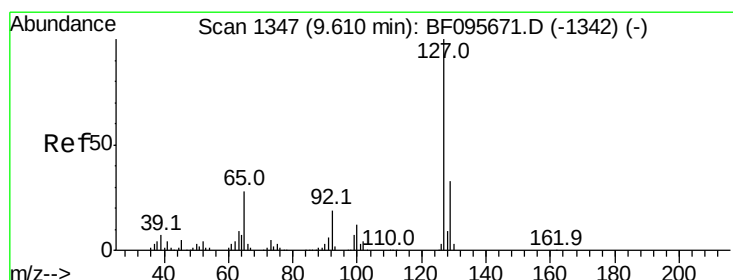
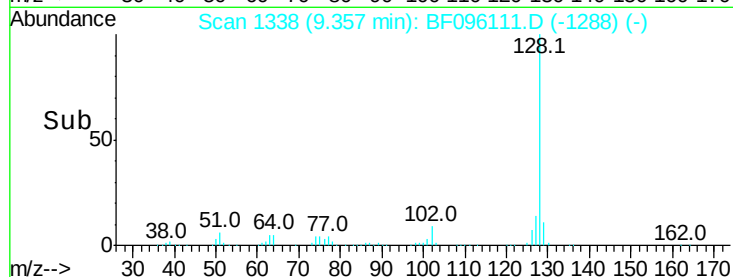
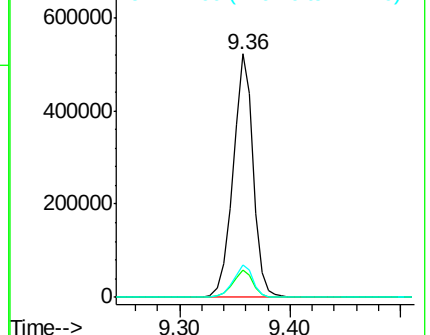
128 100

129 11.1 9.0 13.6

127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 7.85 ng

RT: 9.53 min Scan# 1368

Delta R.T. 0.02 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Tgt Ion:127 Resp: 53871

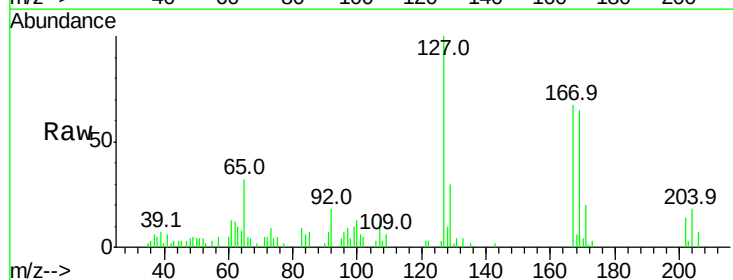
Ion Ratio Lower Upper

127 100

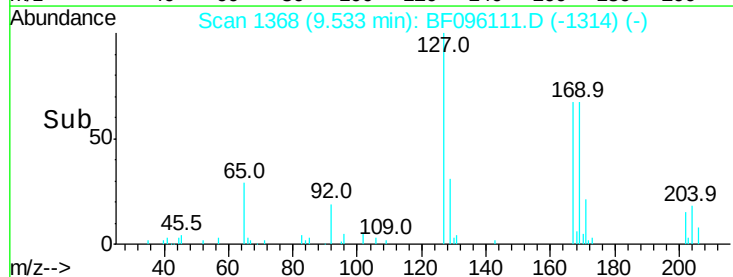
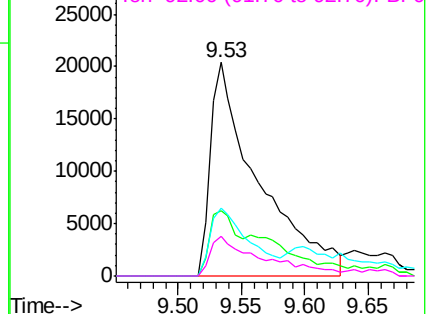
129 30.3 26.2 39.2

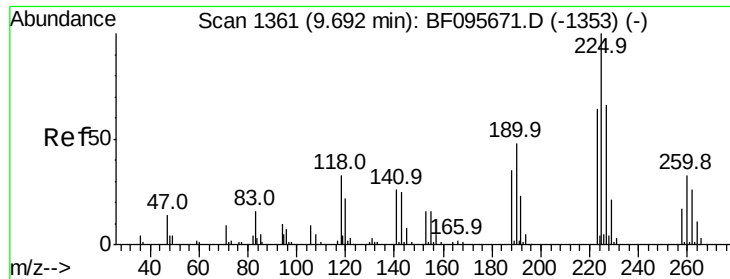
65 31.7 27.8 41.8

92 18.4 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

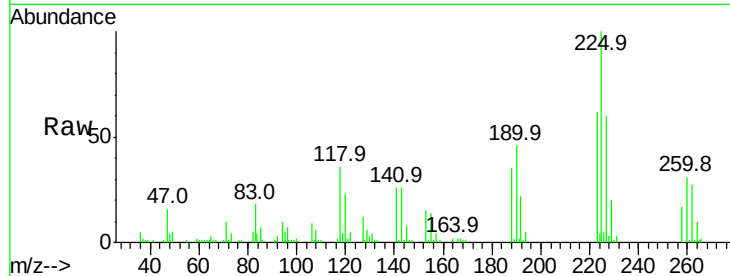




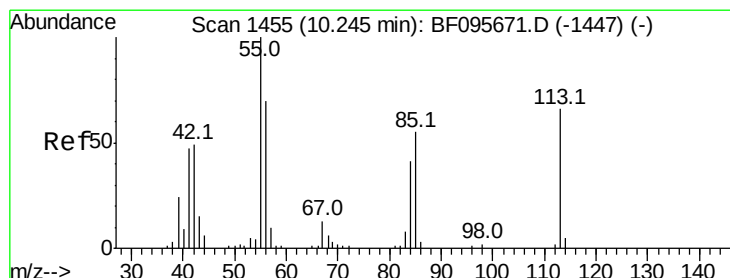
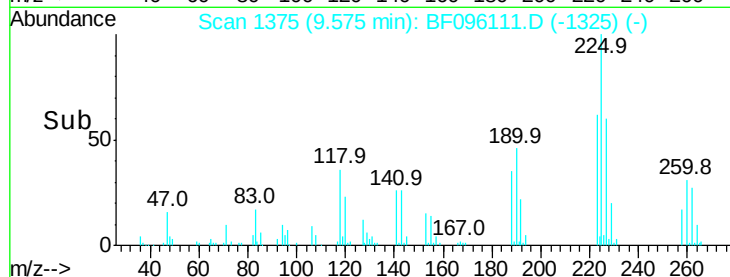
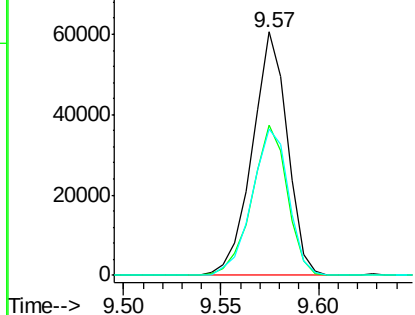
#34
Hexachlorobutadiene
Concen: 29.79 ng
RT: 9.57 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion:	225	Resp:	75445
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	60.3	51.1	76.7

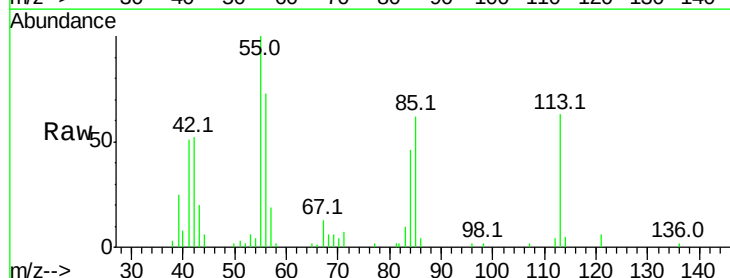


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

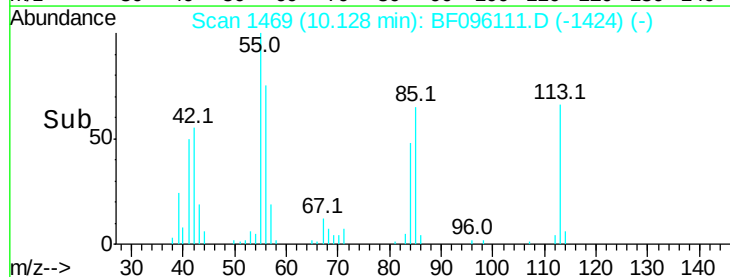
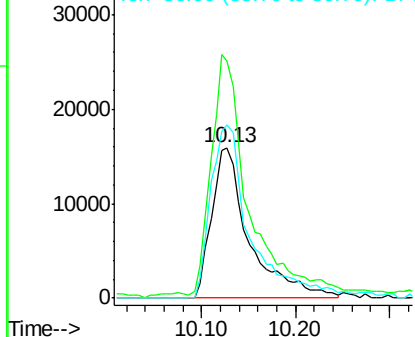


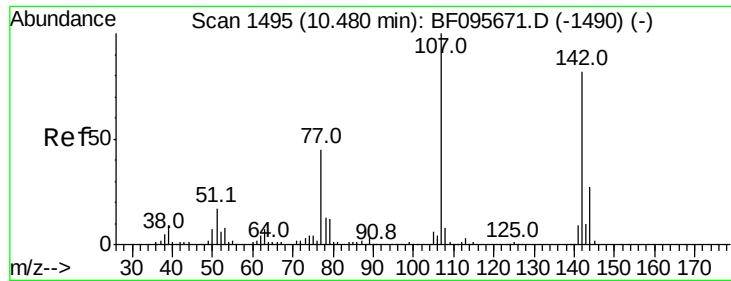
#35
Caprolactam
Concen: 31.69 ng
RT: 10.13 min Scan# 1469
Delta R.T. -0.04 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:	113	Resp:	44423
Ion	Ratio	Lower	Upper
113	100		
55	157.8	150.2	190.2
56	114.7	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

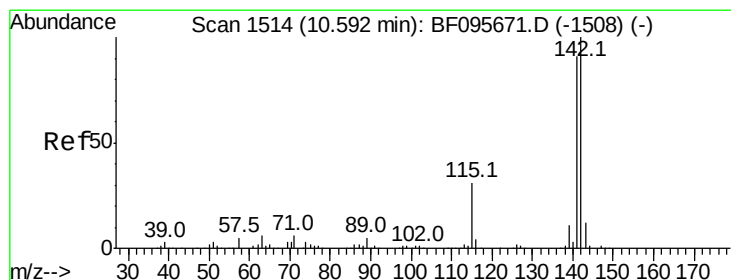
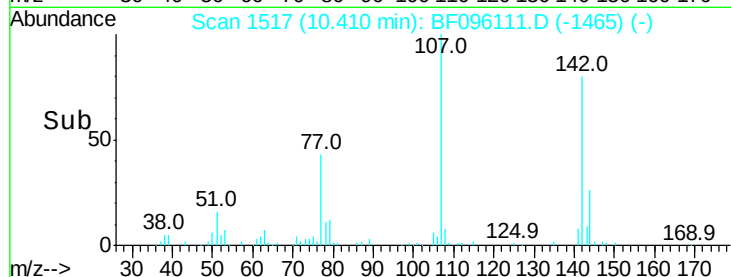
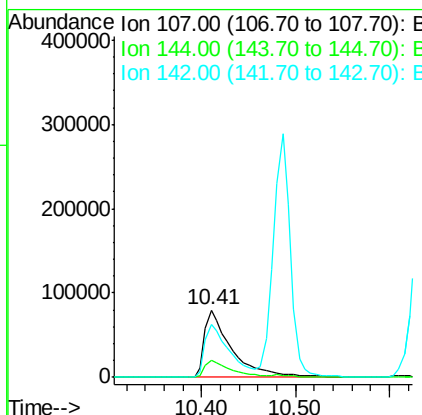
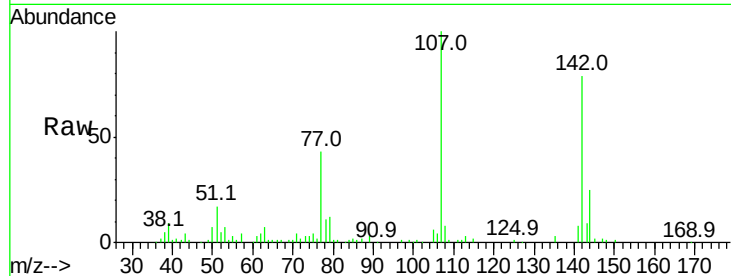




#36
 4-Chloro-3-methylphenol
 Concen: 32.87 ng
 RT: 10.41 min Scan# 1517
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

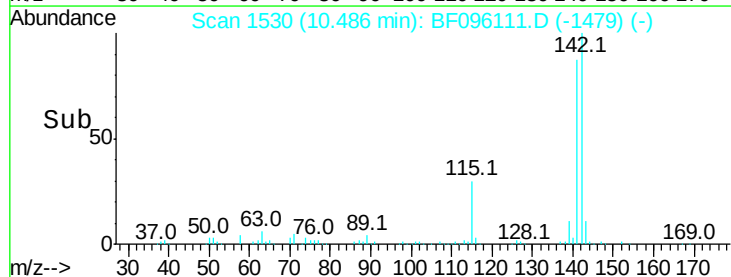
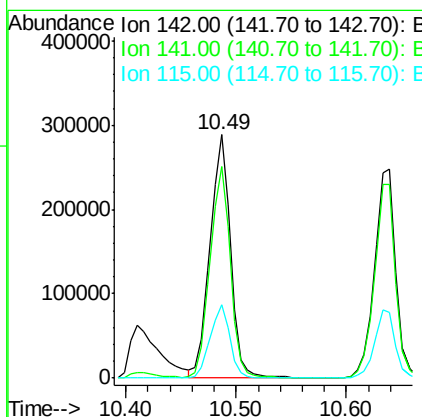
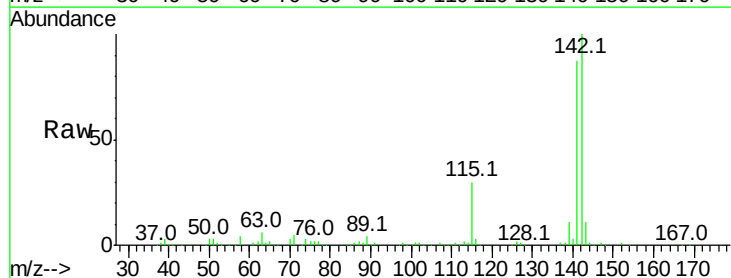
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

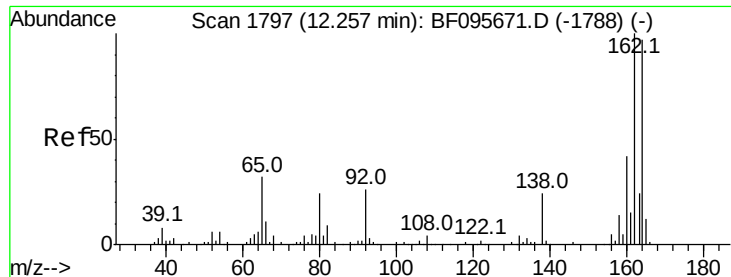
Tot Ion:107 Resp: 162056
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 78.9 73.4 110.0



#37
 2-Methylnaphthalene
 Concen: 31.09 ng
 RT: 10.49 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:142 Resp: 368849
 Ion Ratio Lower Upper
 142 100
 141 86.7 71.3 106.9
 115 29.9 27.1 40.7

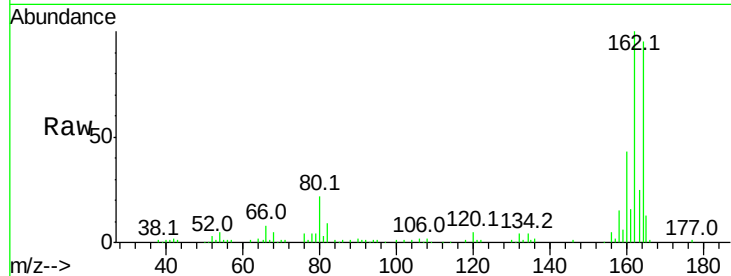




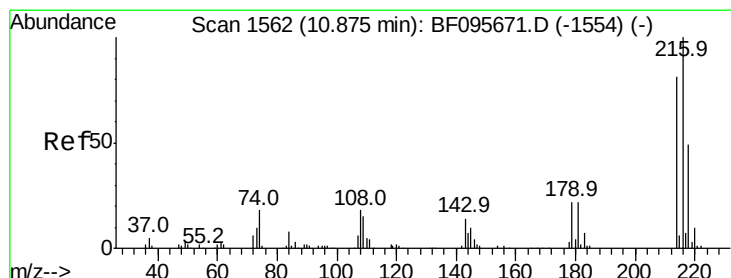
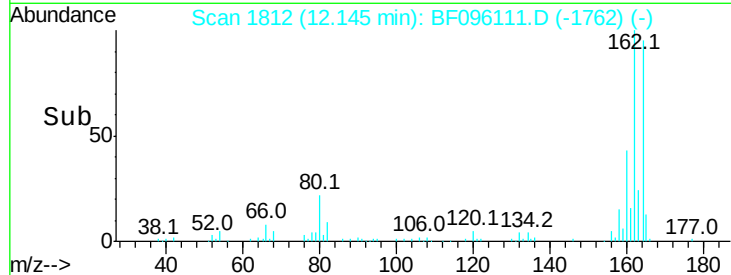
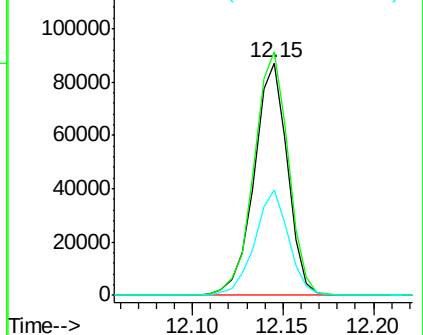
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion:164 Resp: 111091
Ion Ratio Lower Upper
164 100
162 104.8 82.6 123.8
160 45.4 36.2 54.2



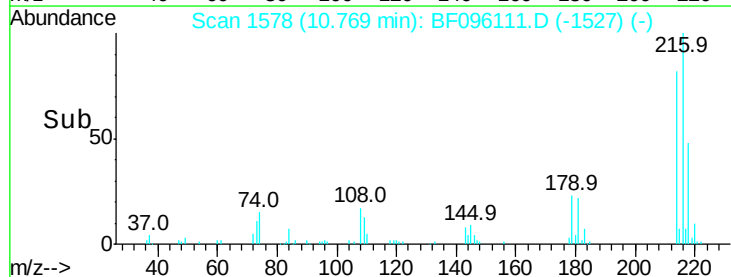
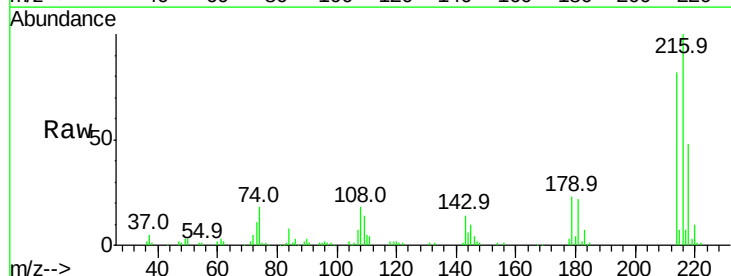
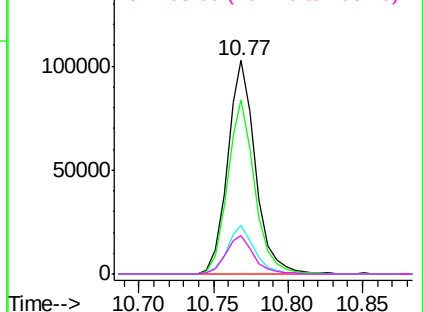
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

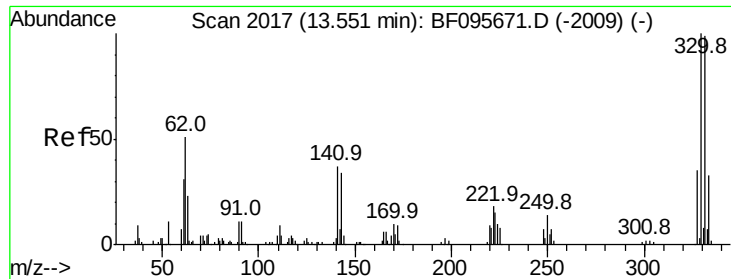


#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.34 ng
RT: 10.77 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:216 Resp: 134111
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.2
179 22.4 17.9 26.9
108 18.2 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

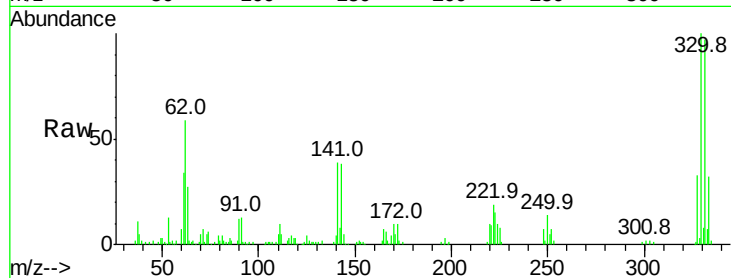




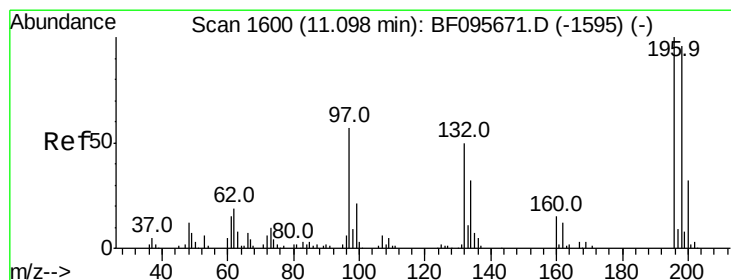
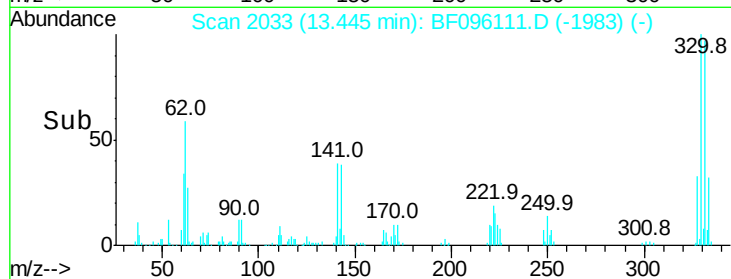
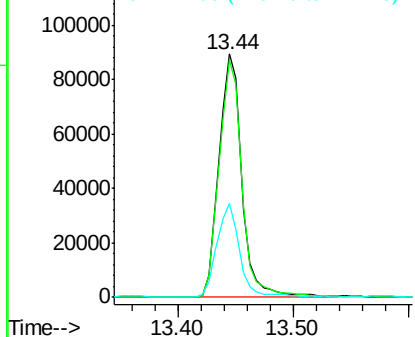
#41
 2,4,6-Tribromophenol
 Concen: 125.68 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	38.6	31.4	47.2

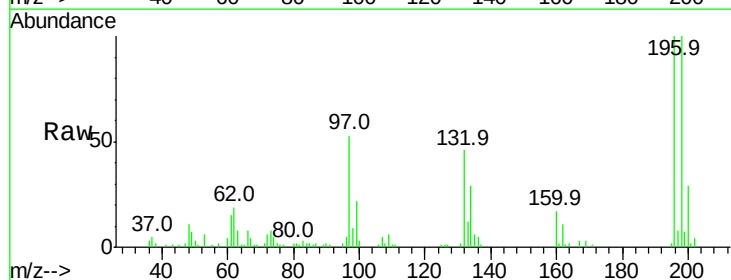


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

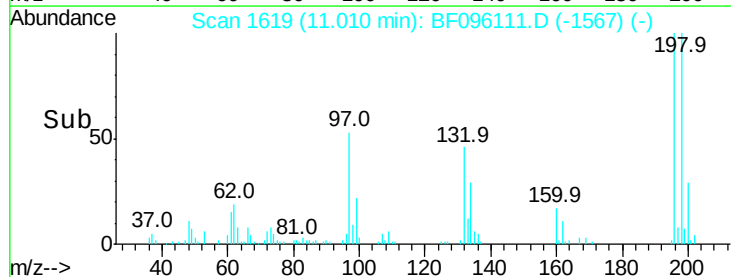
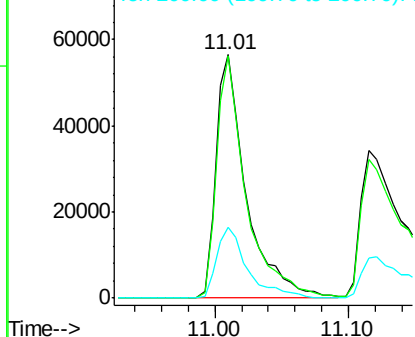


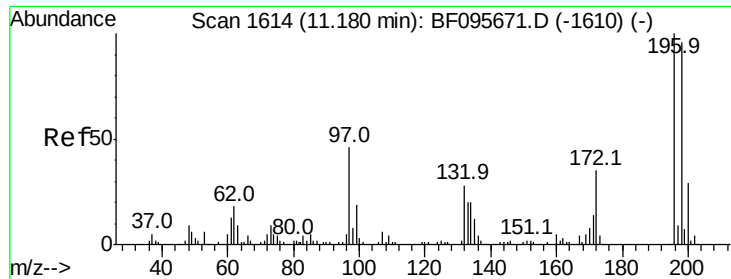
#42
 2,4,6-Trichlorophenol
 Concen: 42.27 ng
 RT: 11.01 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.7	74.2	111.4
200	29.1	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

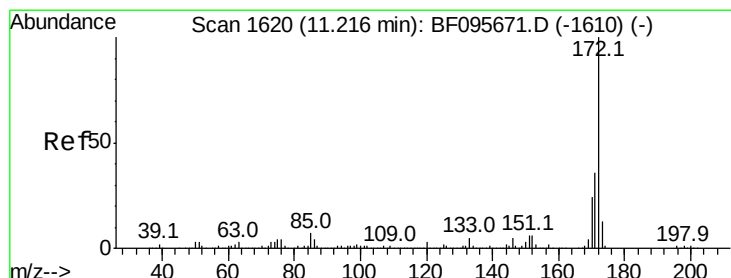
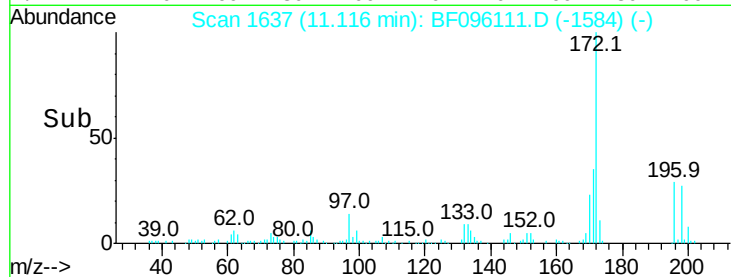
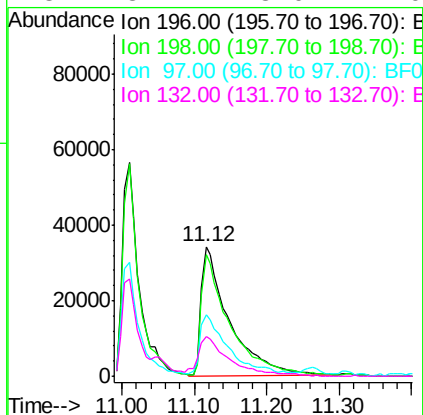
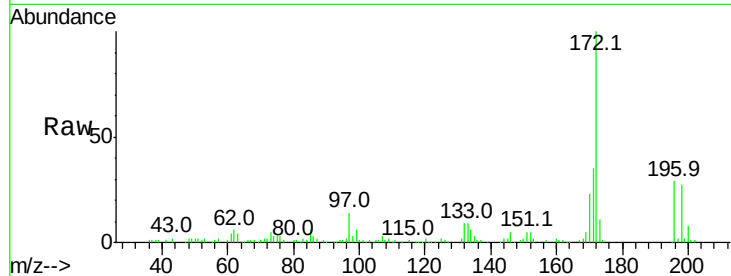




#43
 2,4,5-Trichlorophenol
 Concen: 40.16 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

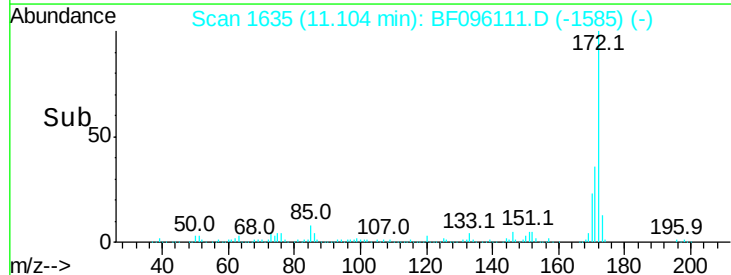
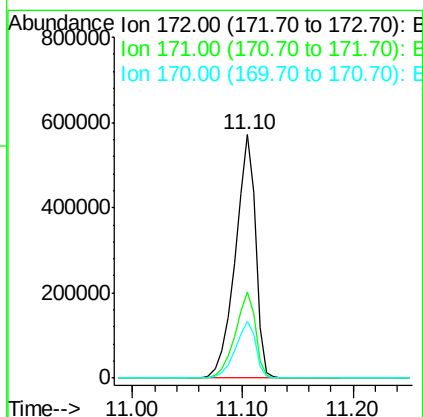
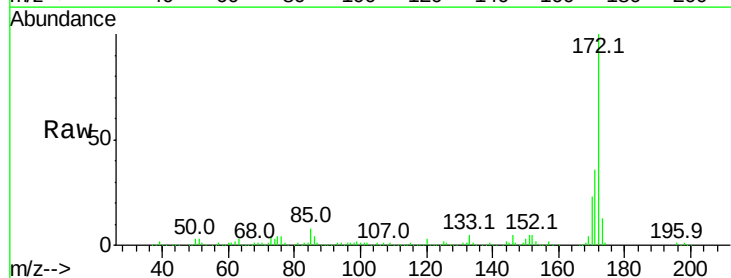
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

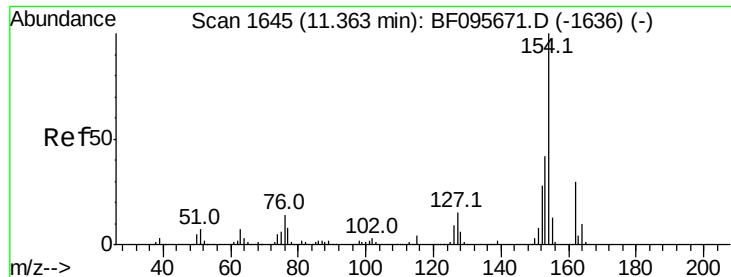
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	75.7	113.5
97	47.1	47.7	71.5#
132	31.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 92.17 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.13 ng

RT: 11.25 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

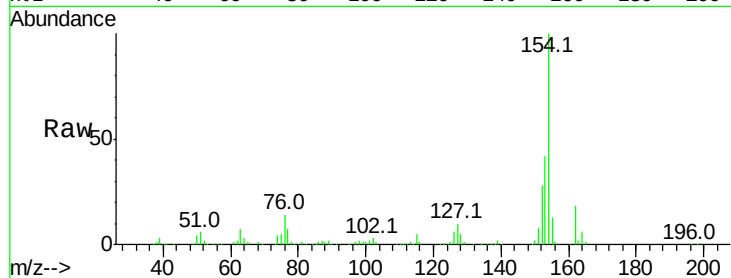
Tot Ion:154 Resp: 385755

Ion Ratio Lower Upper

154 100

153 41.8 21.2 61.2

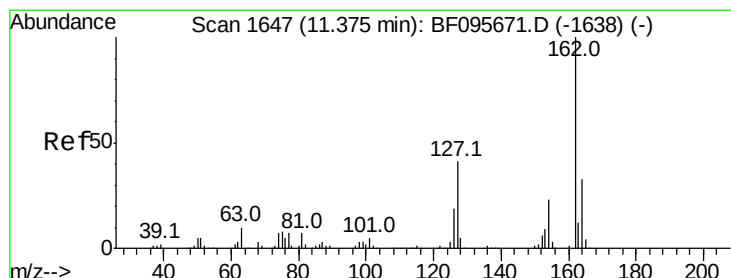
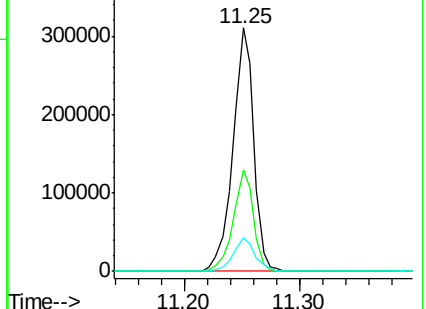
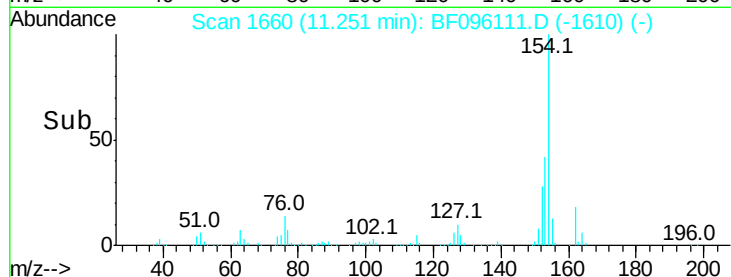
76 13.7 0.0 29.9



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: 40.71 ng

RT: 11.27 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

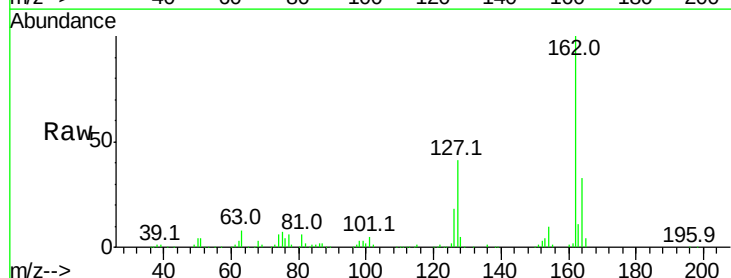
Tgt Ion:162 Resp: 291270

Ion Ratio Lower Upper

162 100

127 40.7 28.3 42.5

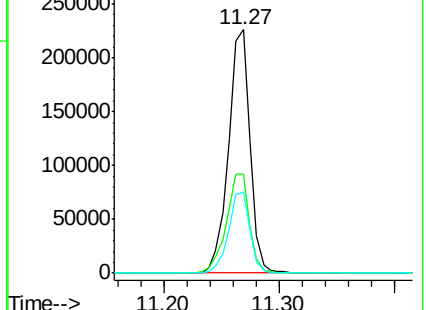
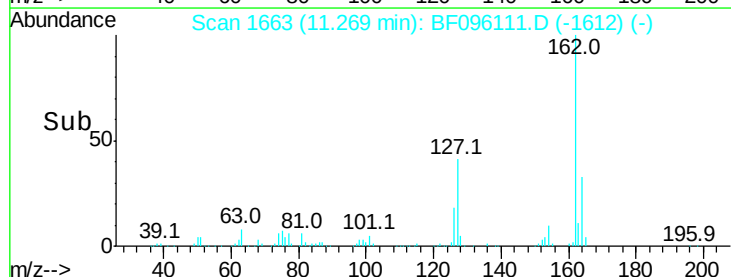
164 33.2 27.0 40.4

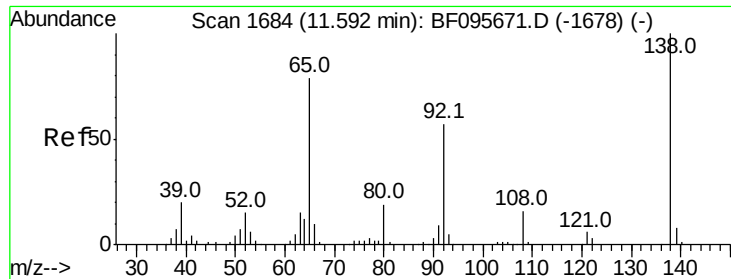


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

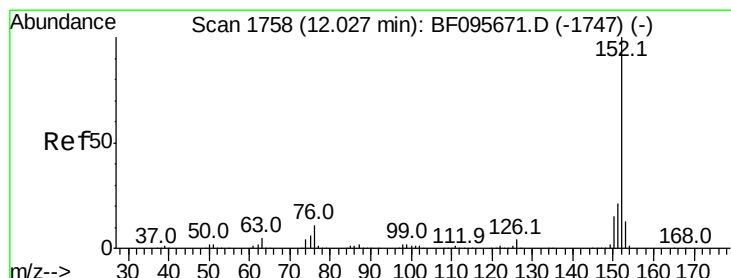
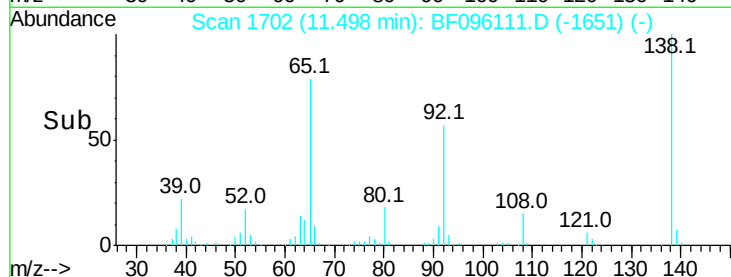
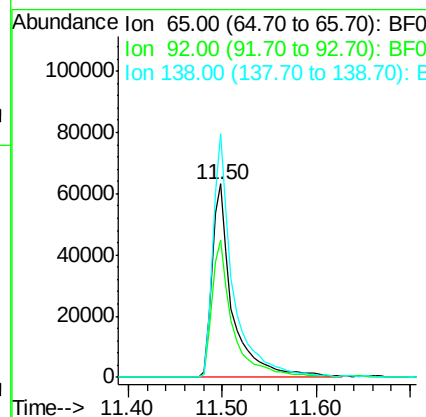
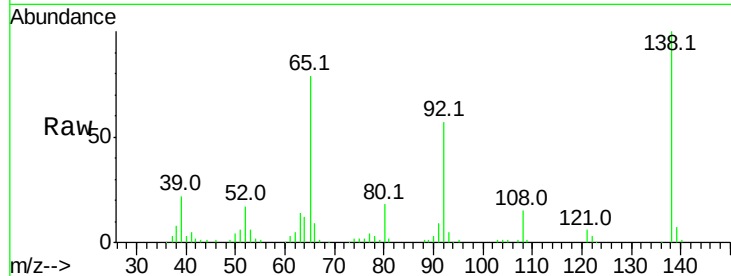




#47
2-Nitroaniline
Concen: 46.30 ng
RT: 11.50 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

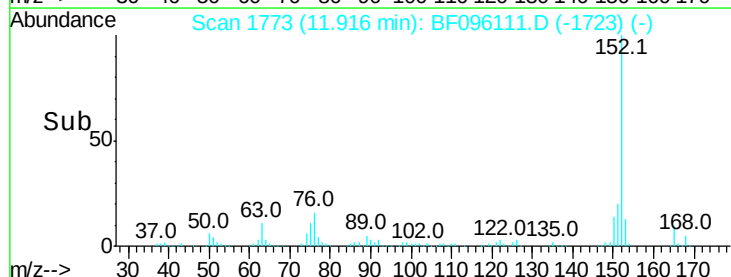
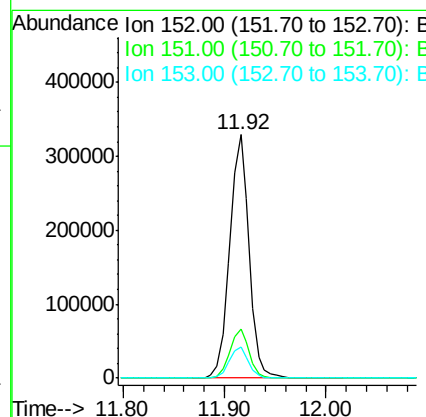
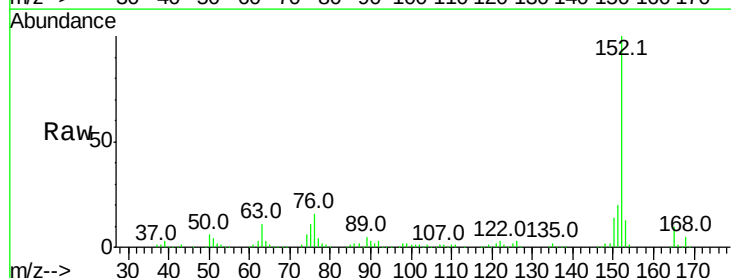
Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

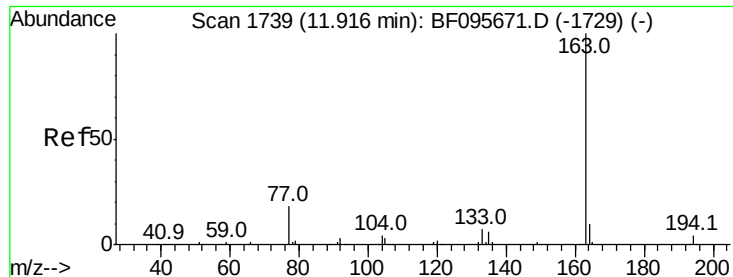
Tot Ion: 65 Resp: 96926
Ion Ratio Lower Upper
65 100
92 71.4 53.9 80.9
138 126.0 78.8 118.2#



#48
Acenaphthylene
Concen: 35.64 ng
RT: 11.92 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:152 Resp: 436025
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 72.76 ng

RT: 11.82 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

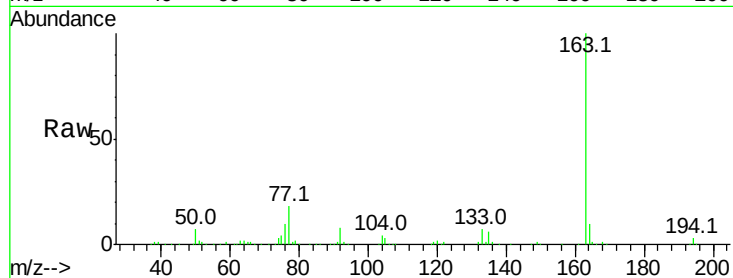
Tot Ion:163 Resp: 613735

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

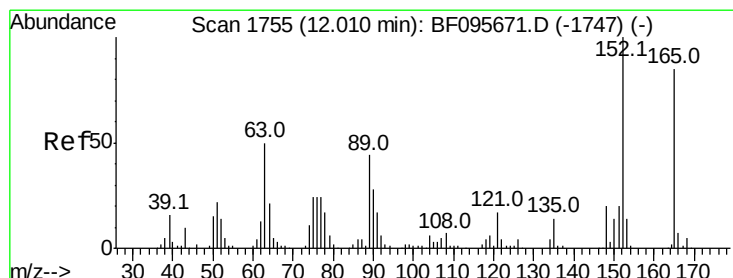
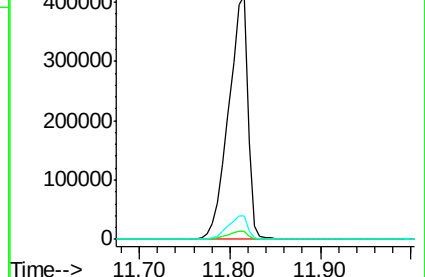
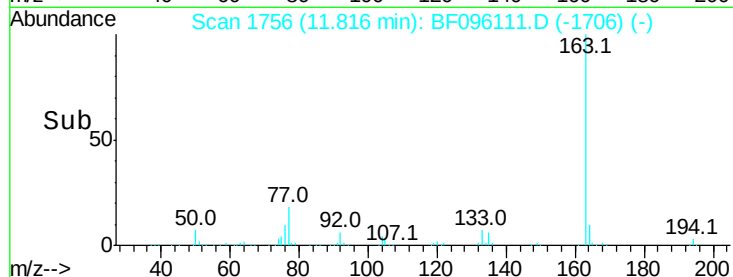
164 9.6 8.4 12.6



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: 35.68 ng

RT: 11.91 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

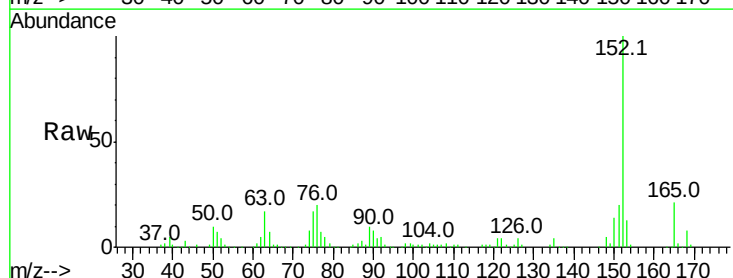
Tgt Ion:165 Resp: 65635

Ion Ratio Lower Upper

165 100

63 81.2 34.3 51.5#

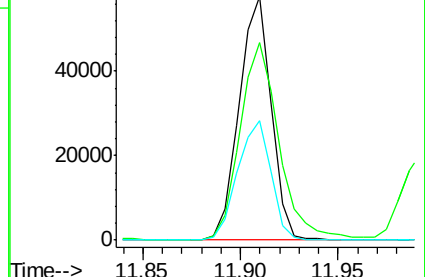
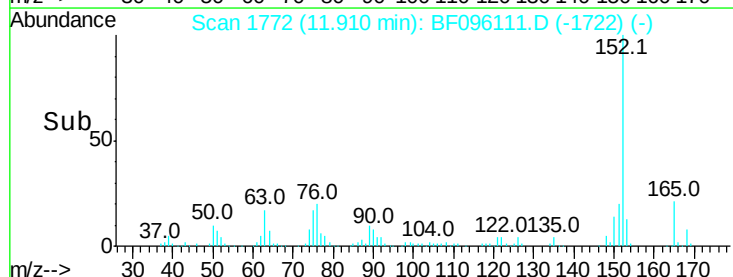
89 48.8 37.1 55.7

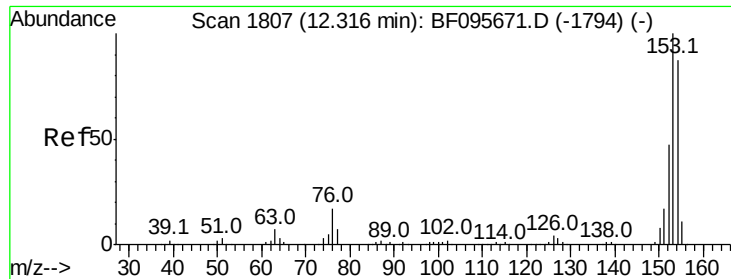


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.82 ng

RT: 12.20 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

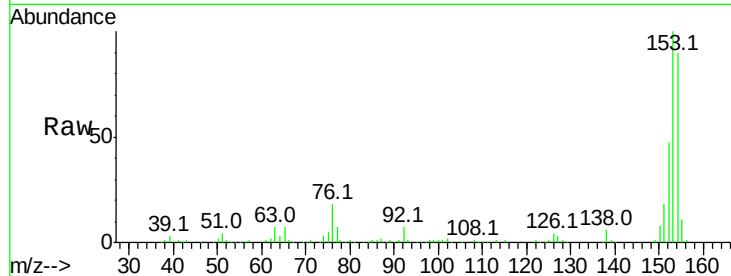
Tot Ion:154 Resp: 260158

Ion Ratio Lower Upper

154 100

153 111.4 90.5 135.7

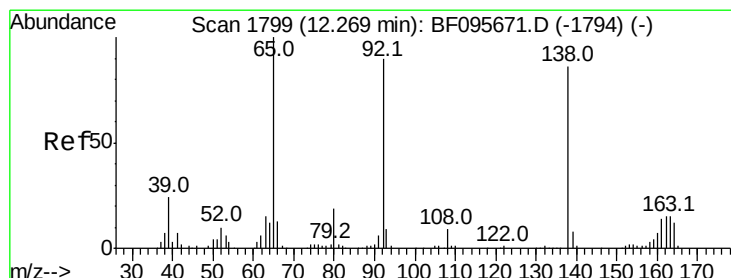
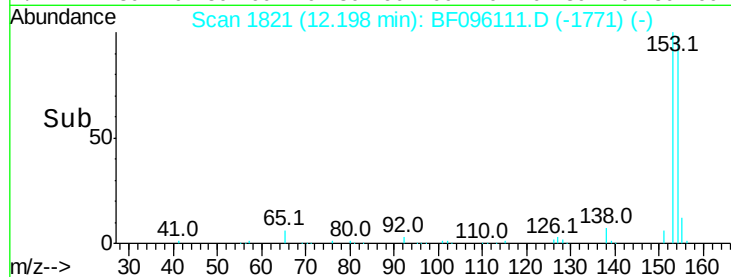
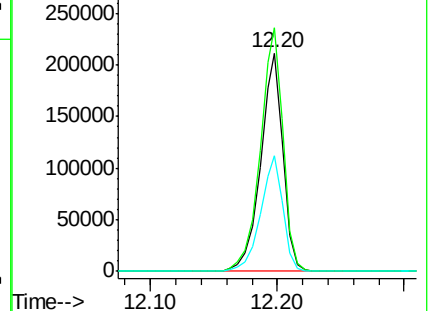
152 52.9 43.6 65.4



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: 35.21 ng

RT: 12.18 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

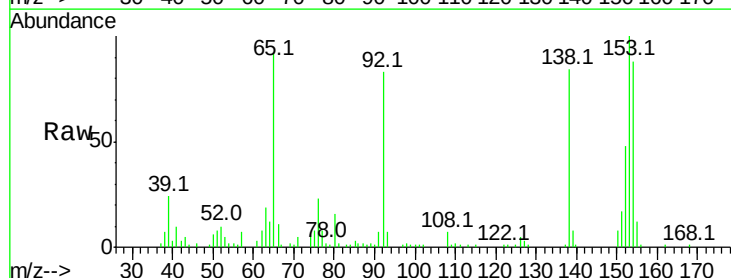
Tgt Ion:138 Resp: 75483

Ion Ratio Lower Upper

138 100

108 8.7 9.1 13.7#

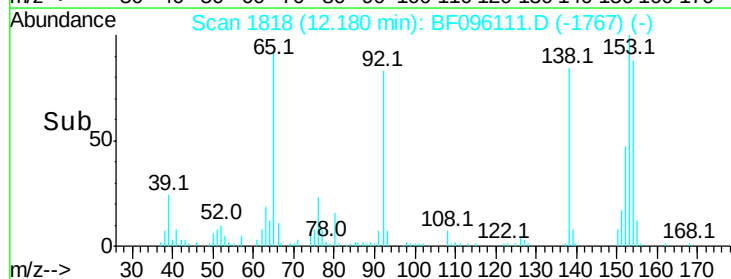
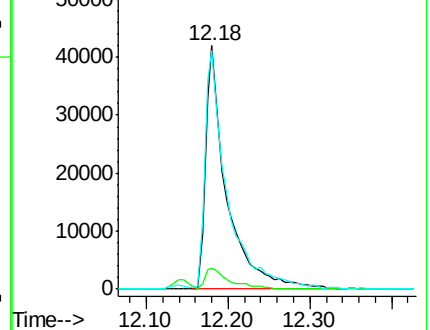
92 98.0 93.8 140.6

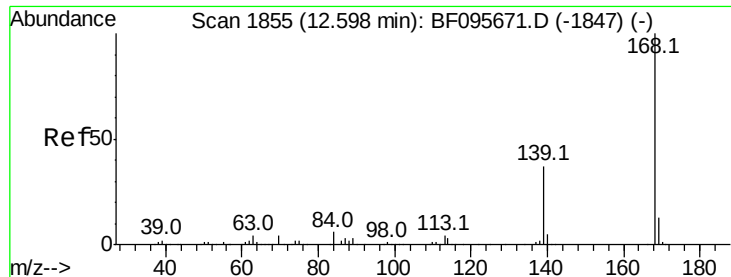


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 39.66 ng

RT: 12.49 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

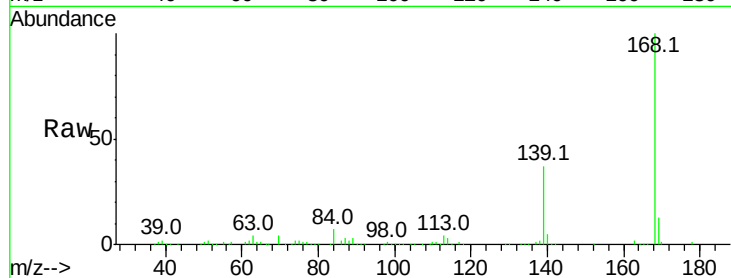
Tot Ion:168 Resp: 394336

Ion Ratio Lower Upper

168 100

139 37.3 30.6 45.8

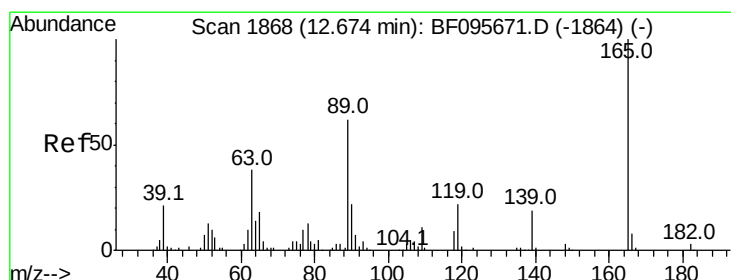
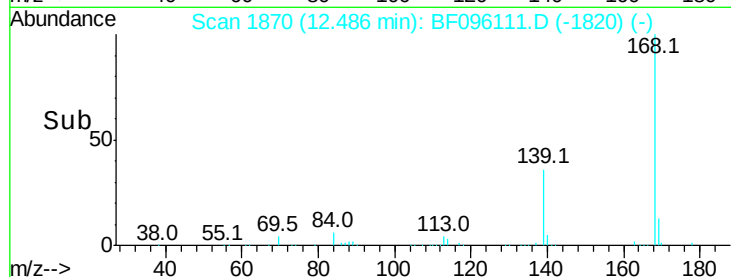
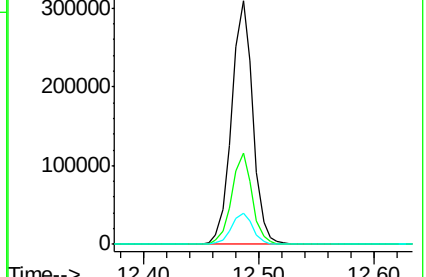
169 13.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 42.58 ng

RT: 12.66 min Scan# 1899

Delta R.T. 0.02 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

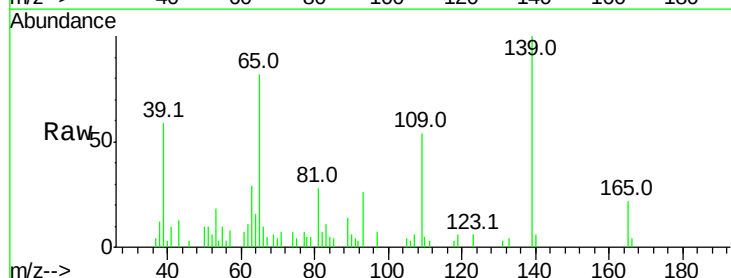
Tgt Ion:139 Resp: 50417

Ion Ratio Lower Upper

139 100

109 54.5 34.1 74.1

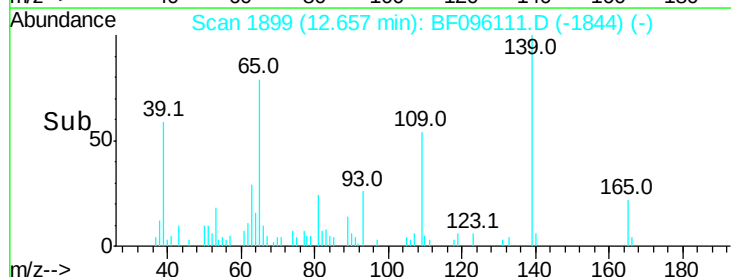
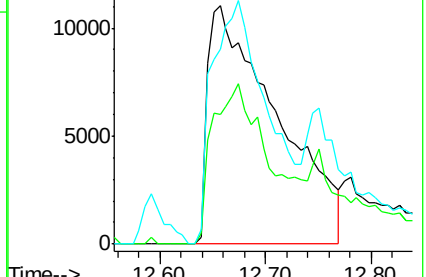
65 81.9 31.4 71.4#

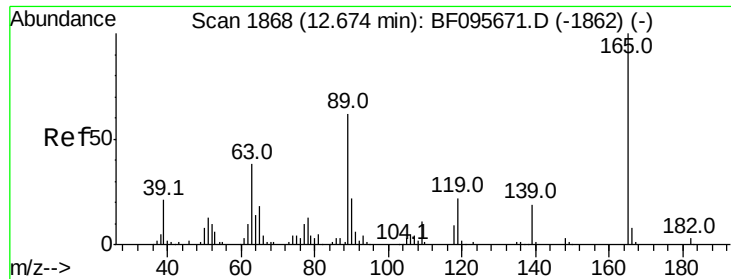


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

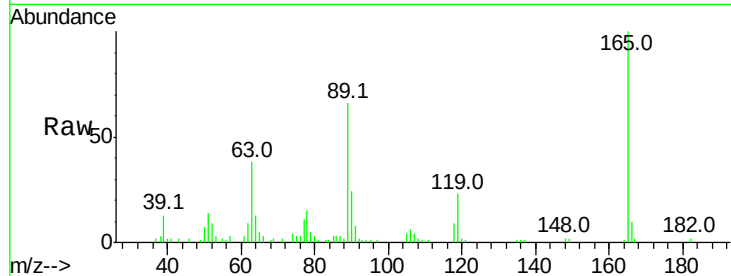




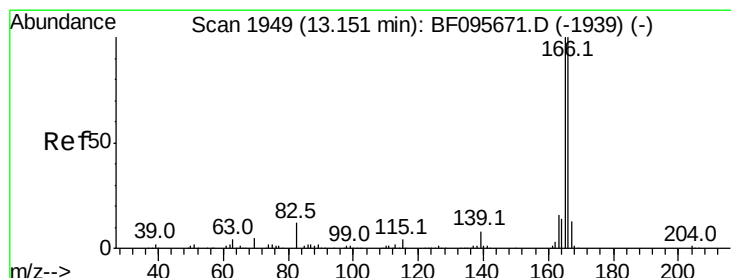
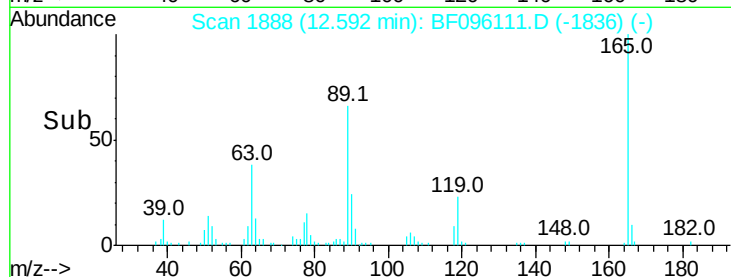
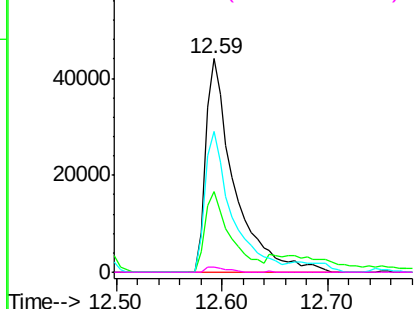
#56
 2,4-Dinitrotoluene
 Concen: 33.29 ng
 RT: 12.59 min Scan# 1888
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

Tot Ion:165 Resp: 82721
 Ion Ratio Lower Upper
 165 100
 63 38.0 25.4 38.0
 89 66.0 46.4 69.6
 182 2.4 1.8 2.6

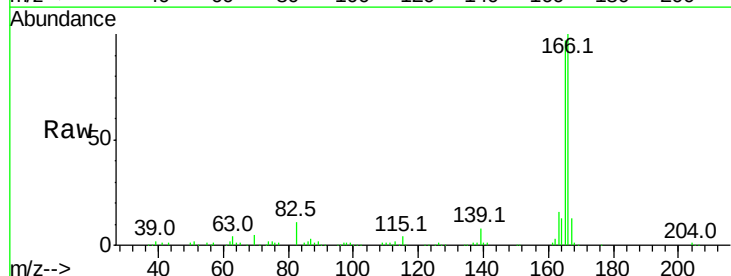


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

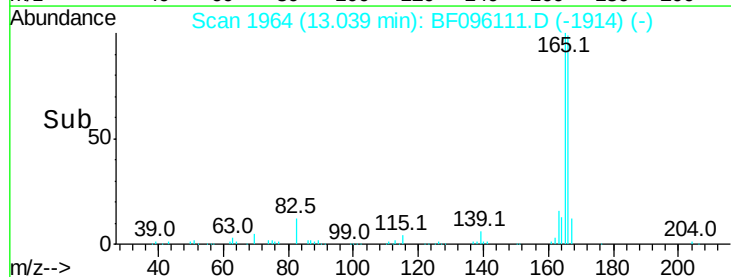
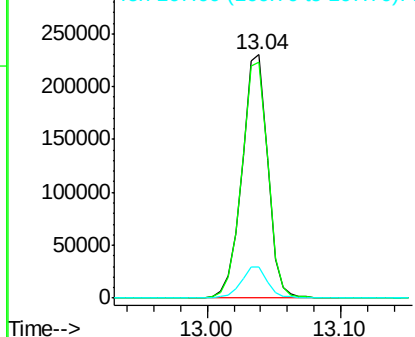


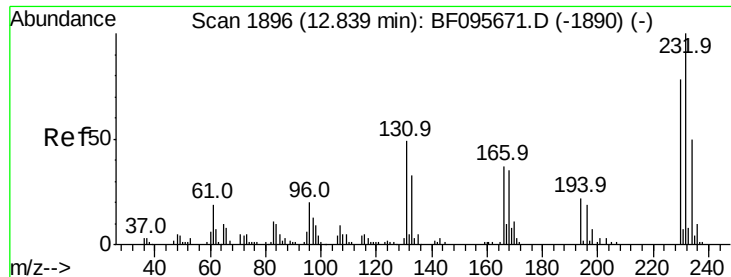
#57
 Fluorene
 Concen: 35.18 ng
 RT: 13.04 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:166 Resp: 304460
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.8 118.2
 167 12.6 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

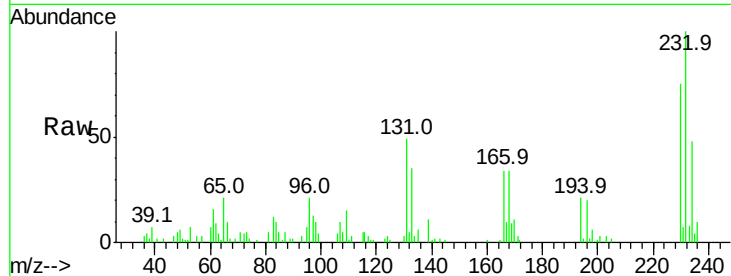




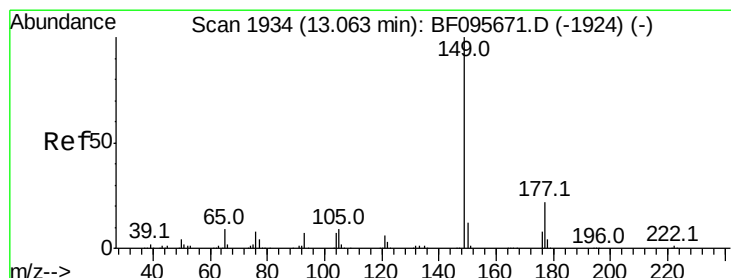
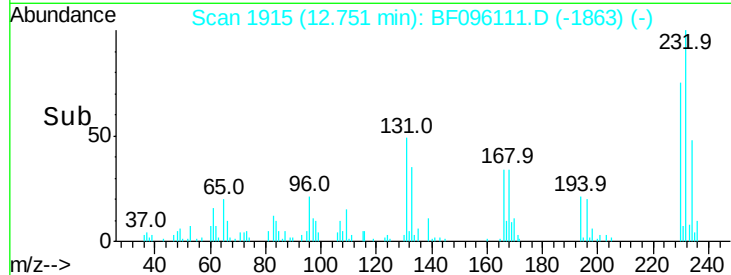
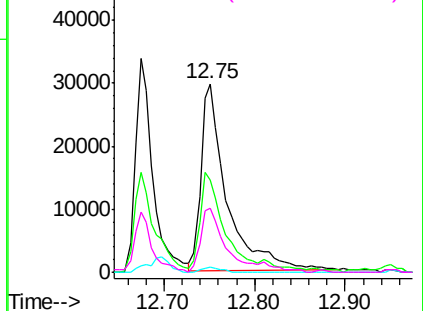
#58
2,3,4,6-Tetrachlorophenol
Concen: 38.33 ng
RT: 12.75 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion:232 Resp: 59632
Ion Ratio Lower Upper
232 100
131 43.3 44.8 67.2#
130 2.1 2.3 3.5#
166 35.1 29.0 43.4

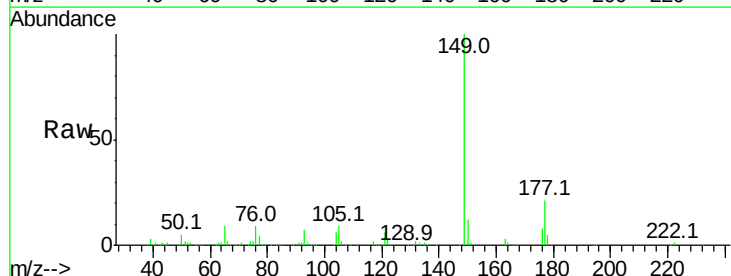


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

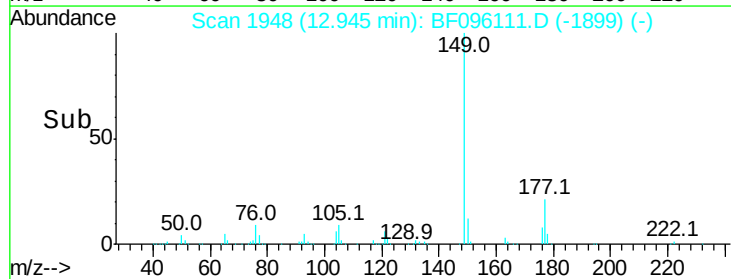
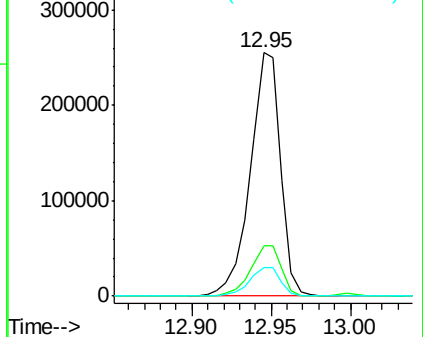


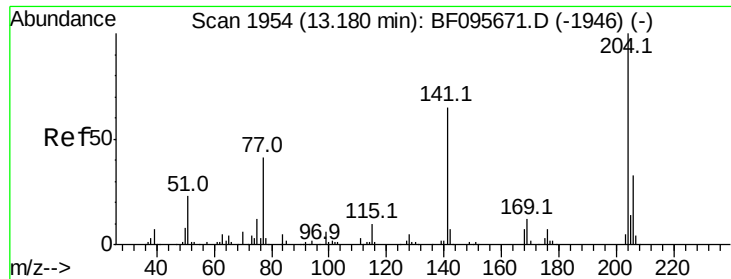
#59
Diethylphthalate
Concen: 41.63 ng
RT: 12.95 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:149 Resp: 337954
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 11.8 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

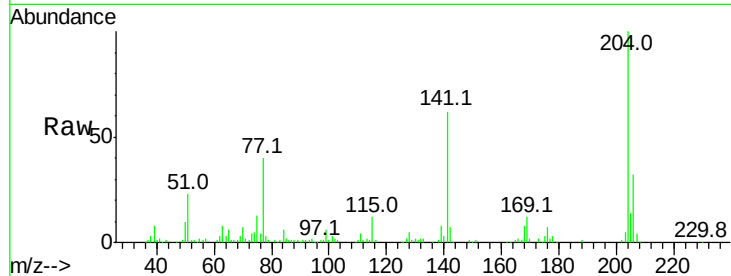




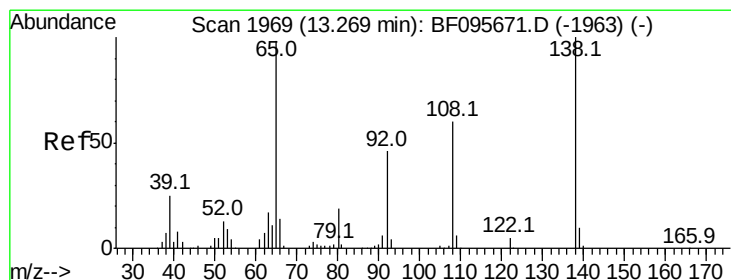
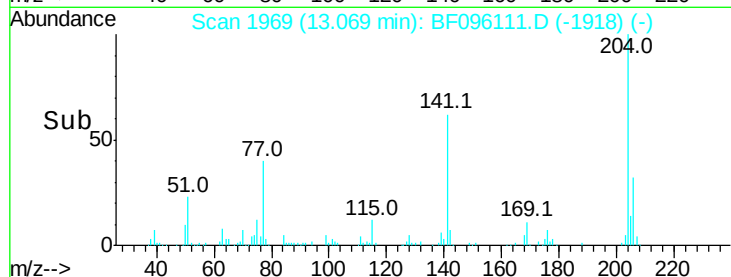
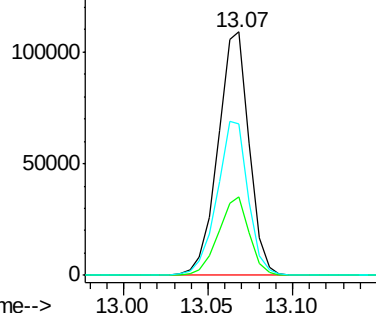
#60
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 13.07 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion:204 Resp: 140319
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 62.2 60.8 91.2

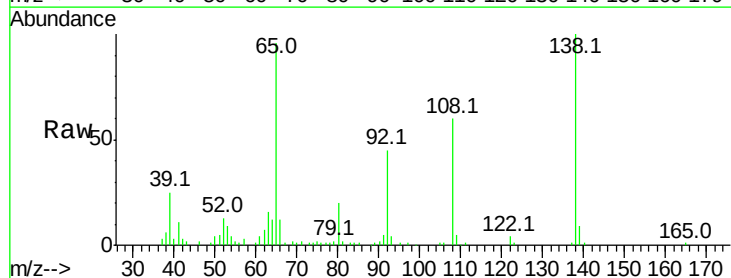


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

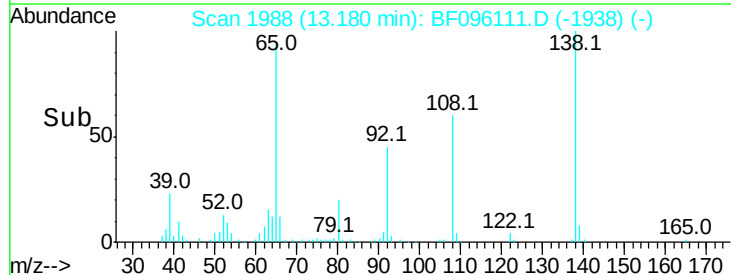
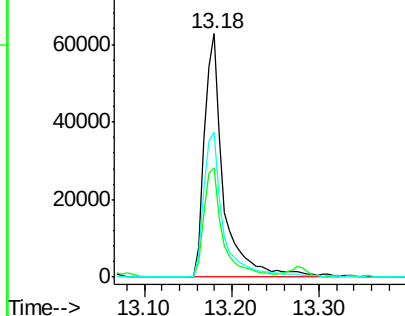


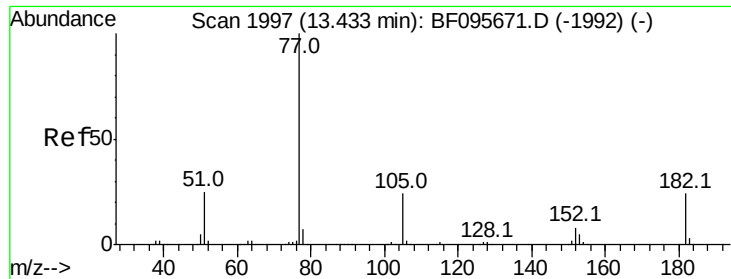
#61
4-Nitroaniline
Concen: 47.91 ng
RT: 13.18 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:138 Resp: 95878
Ion Ratio Lower Upper
138 100
92 45.1 21.8 61.8
108 59.7 42.3 82.3



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

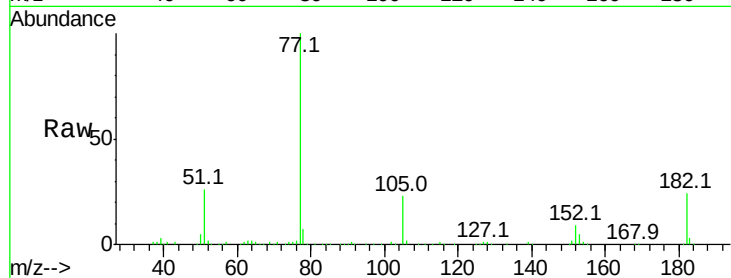




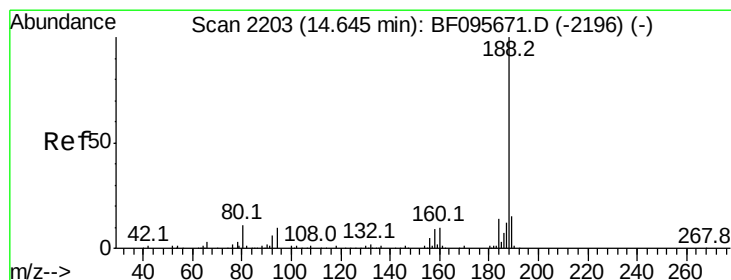
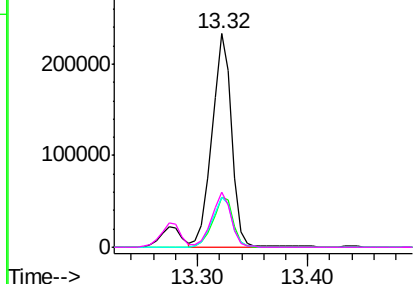
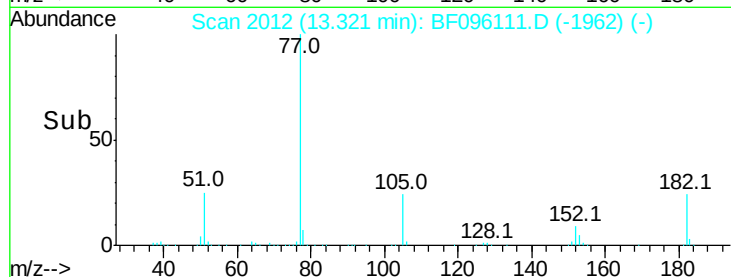
#62
Azobenzene
Concen: 38.30 ng
RT: 13.32 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion: 77 Resp: 281732
Ion Ratio Lower Upper
77 100
182 23.5 0.1 40.1
105 23.4 3.6 43.6
51 26.0 9.4 49.4

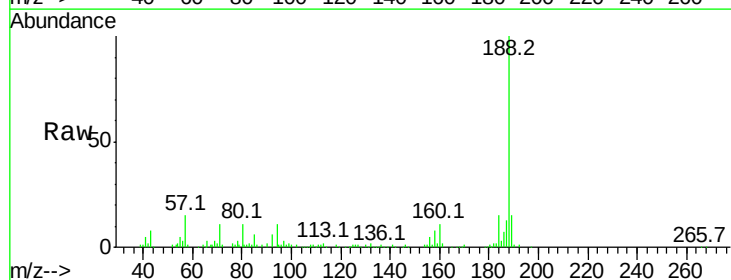


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

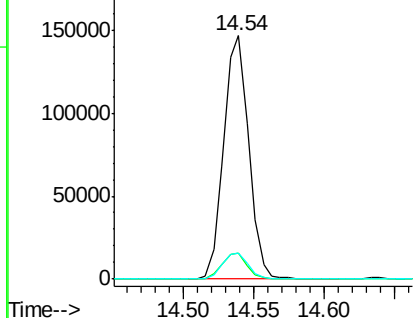
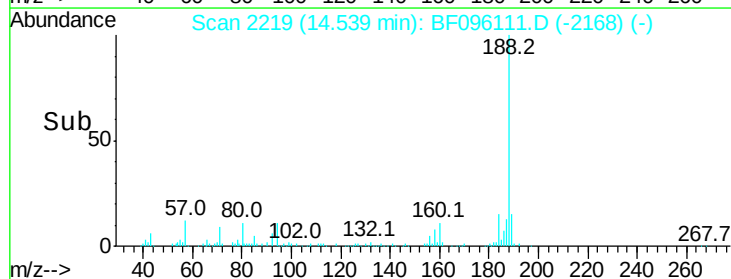


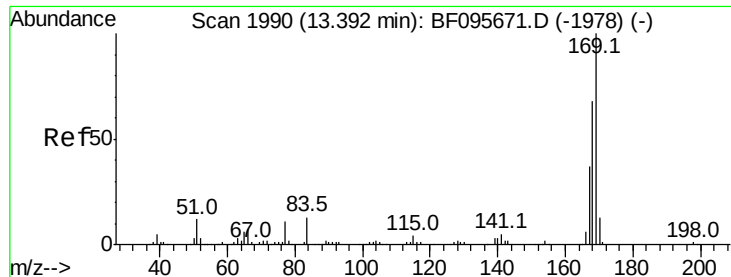
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion: 188 Resp: 180820
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 10.8 10.2 15.2



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





#65

n-Nitrosodiphenylamine

Concen: 41.85 ng

RT: 13.28 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

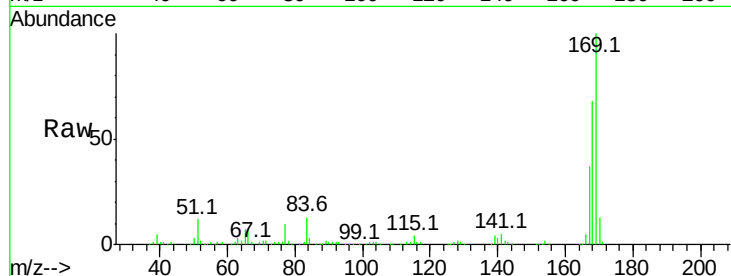
Tot Ion:169 Resp: 271942

Ion Ratio Lower Upper

169 100

168 67.6 53.2 79.8

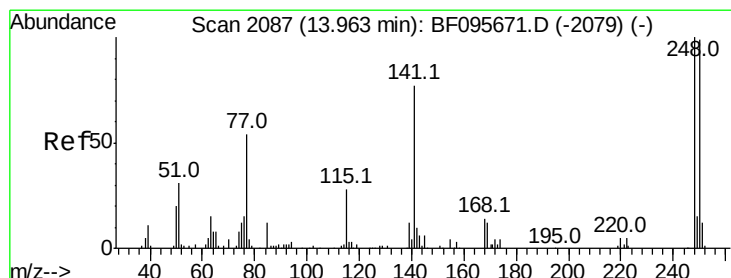
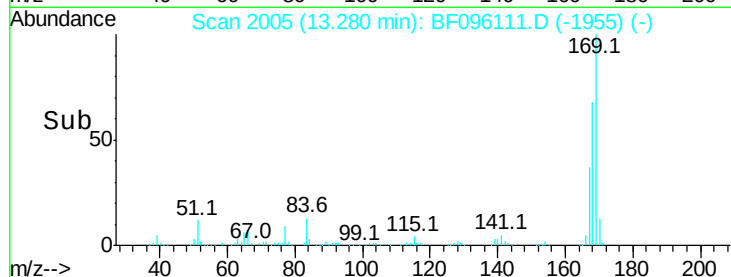
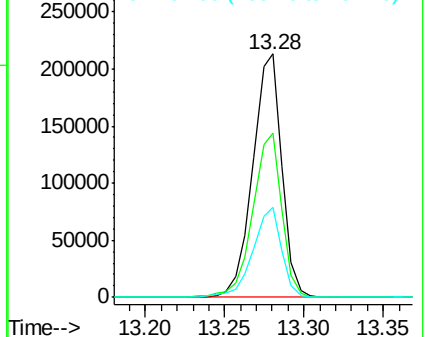
167 37.2 29.5 44.3



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: 39.34 ng

RT: 13.84 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

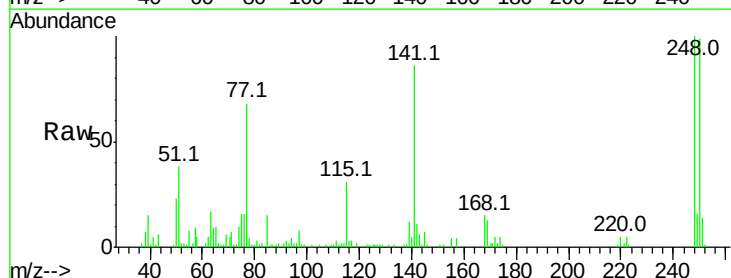
Tgt Ion:248 Resp: 73926

Ion Ratio Lower Upper

248 100

250 98.6 76.8 115.2

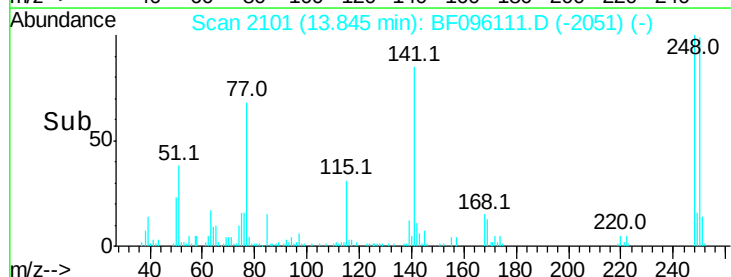
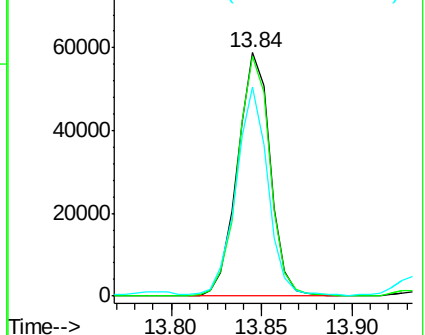
141 85.8 68.6 103.0

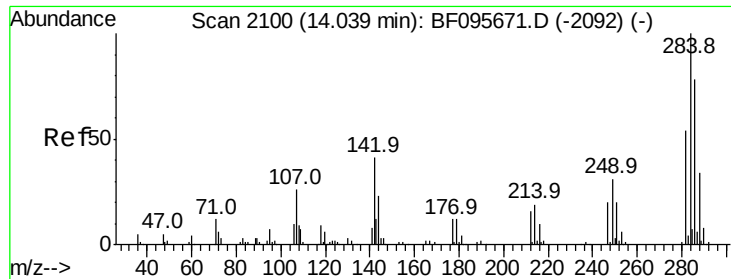


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.01 ng

RT: 13.93 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

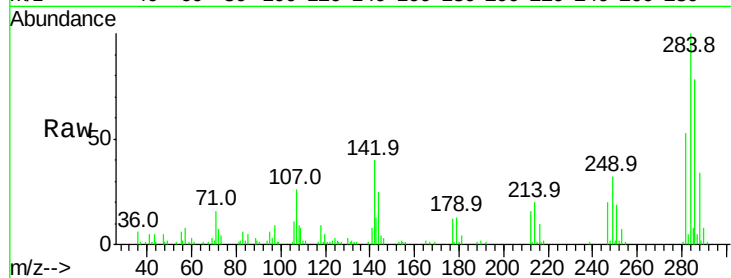
Tot Ion:284 Resp: 72230

Ion Ratio Lower Upper

284 100

142 40.1 22.8 34.2#

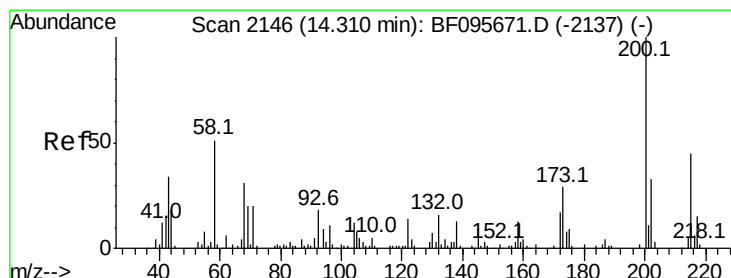
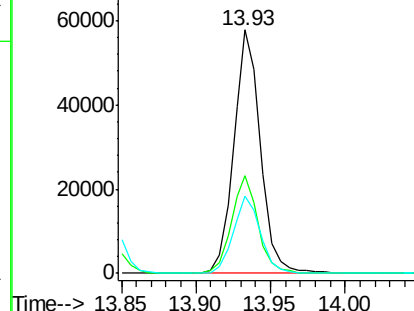
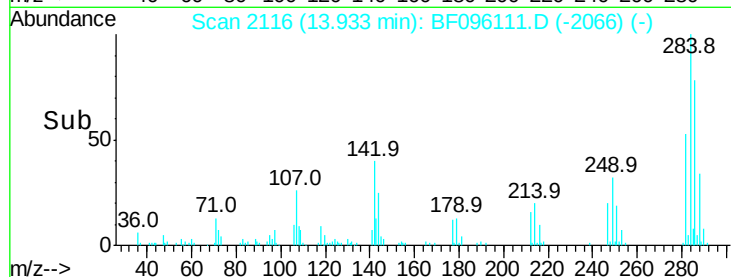
249 31.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.72 ng

RT: 14.20 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

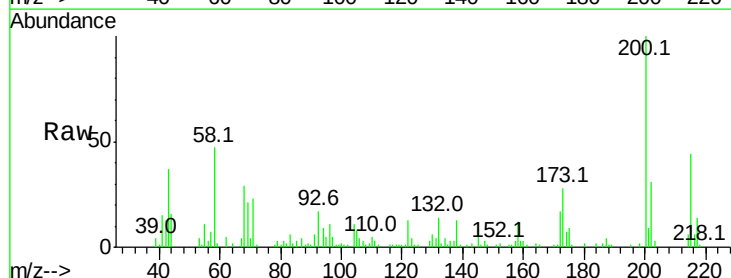
Tgt Ion:200 Resp: 73633

Ion Ratio Lower Upper

200 100

173 28.0 6.3 46.3

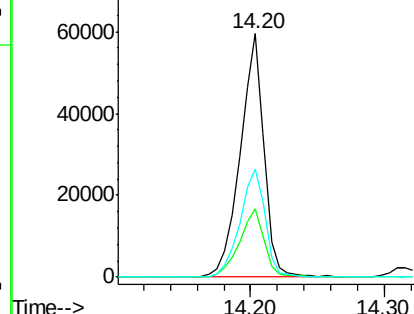
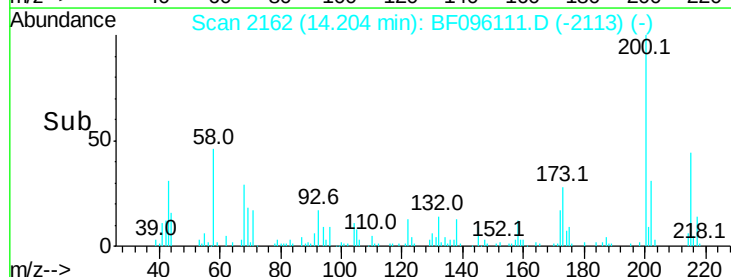
215 44.3 27.2 67.2

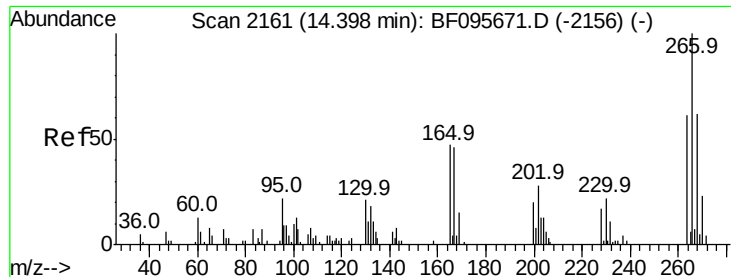


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

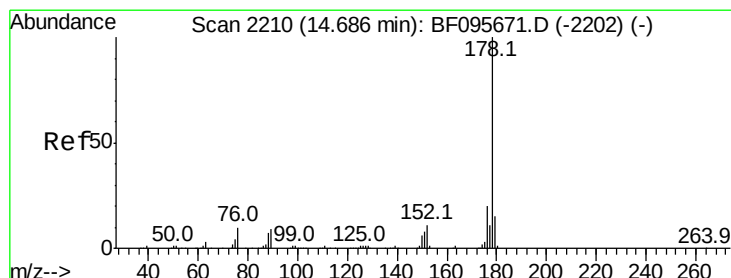
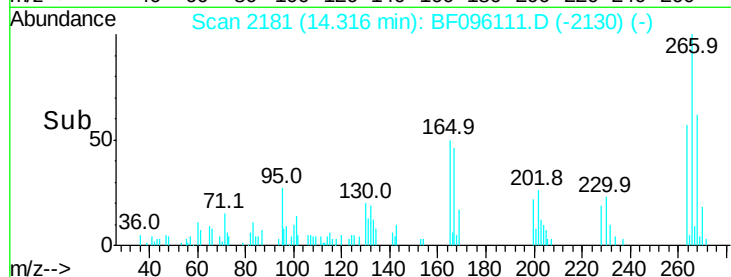
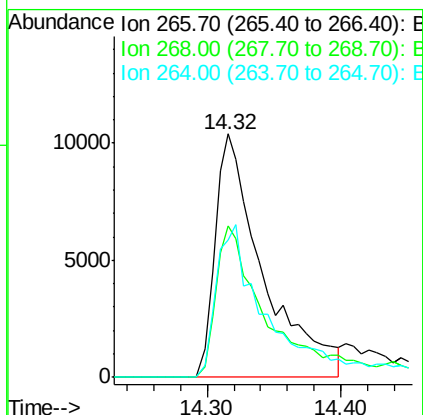
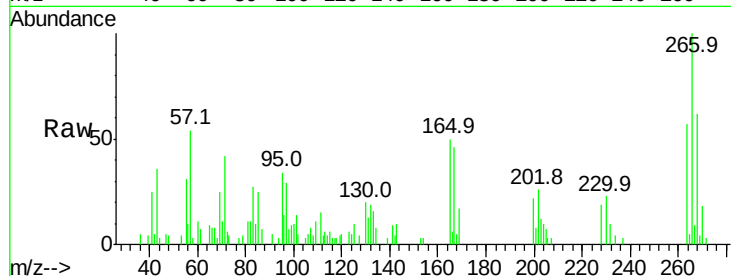




#69
 Pentachlorophenol
 Concen: 40.71 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

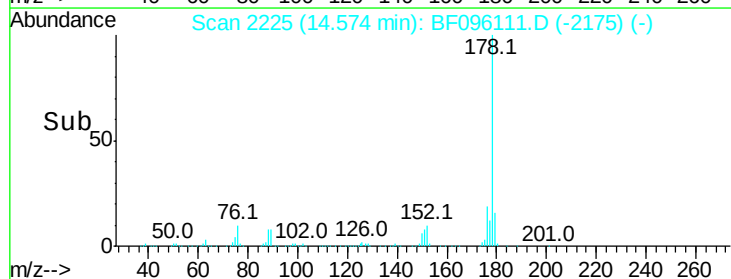
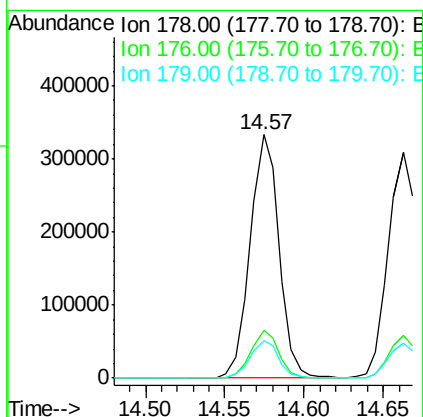
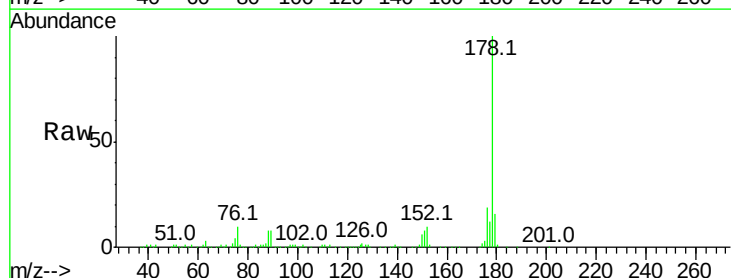
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

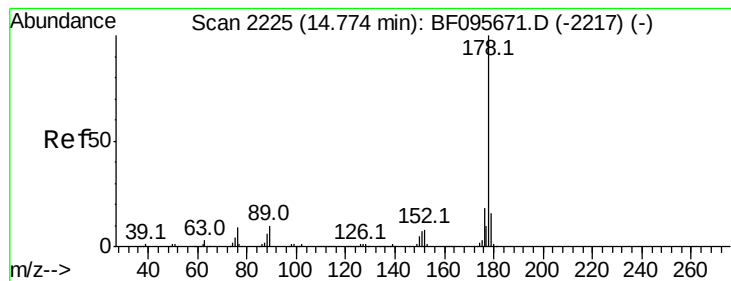
Tot Ion:266 Resp: 26101
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 56.7 51.7 77.5



#70
 Phenanthrene
 Concen: 40.45 ng
 RT: 14.57 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:178 Resp: 422034
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.6 12.6 19.0





#71

Anthracene

Concen: 38.71 ng

RT: 14.66 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

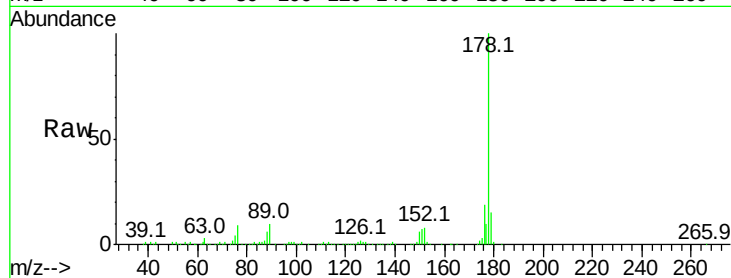
Tot Ion:178 Resp: 421648

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

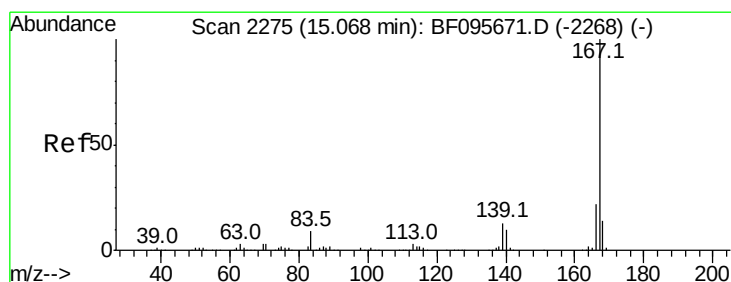
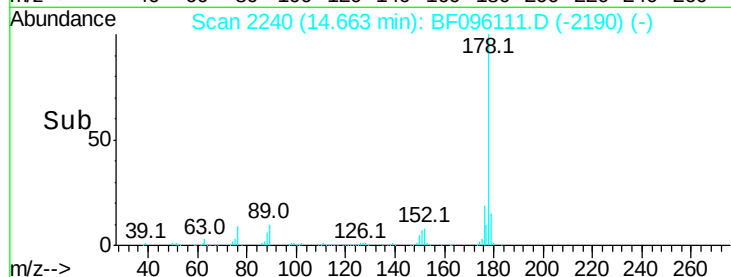
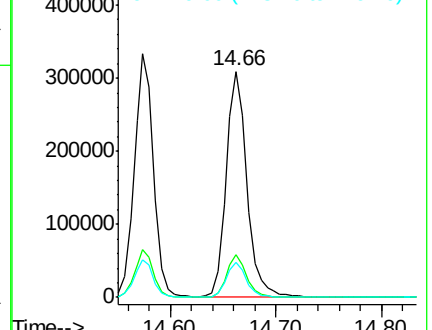
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.03 ng

RT: 14.97 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

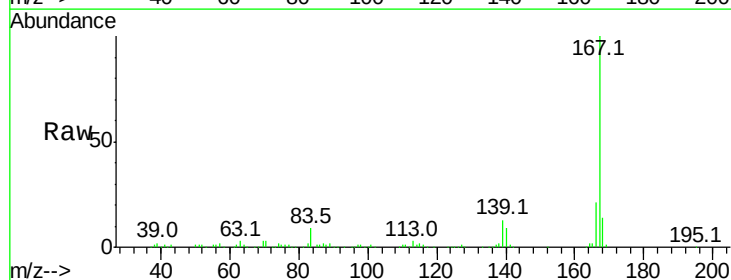
Tgt Ion:167 Resp: 424930

Ion Ratio Lower Upper

167 100

166 21.2 18.1 27.1

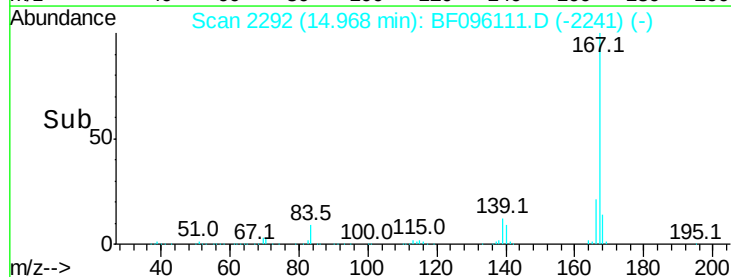
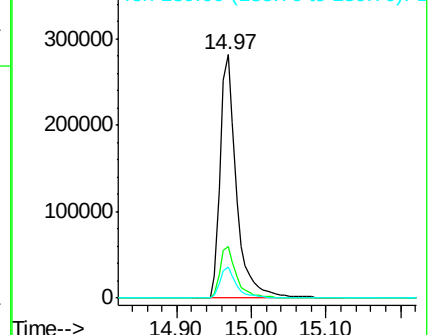
139 12.7 11.7 17.5

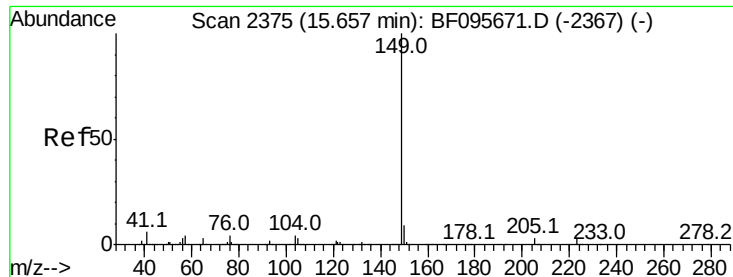


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.92 ng

RT: 15.56 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

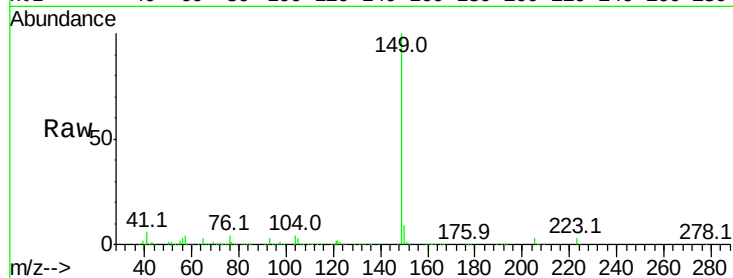
Tot Ion:149 Resp: 484647

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

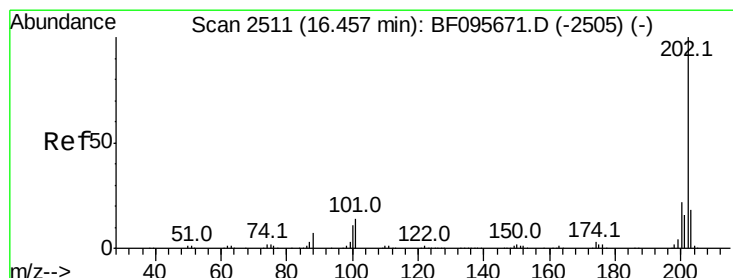
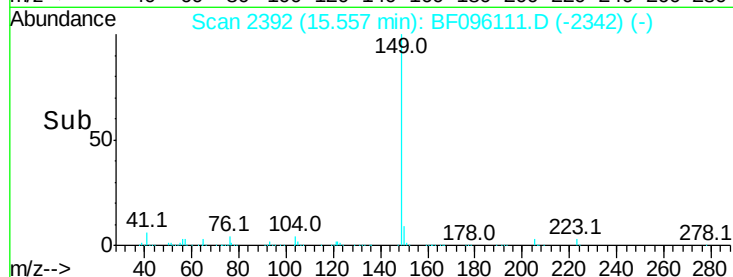
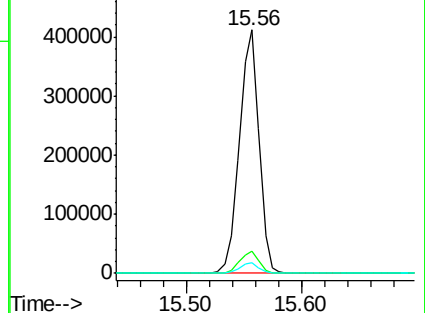
104 4.2 4.0 6.0



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: 44.72 ng

RT: 16.36 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

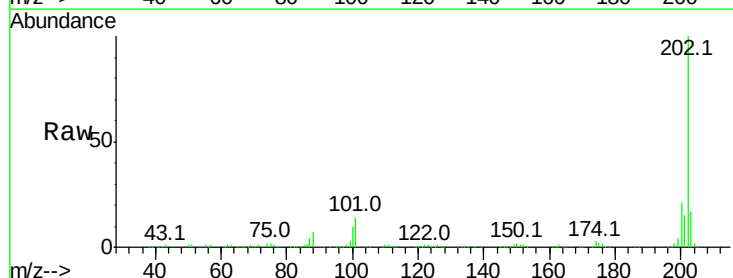
Tgt Ion:202 Resp: 461819

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.2

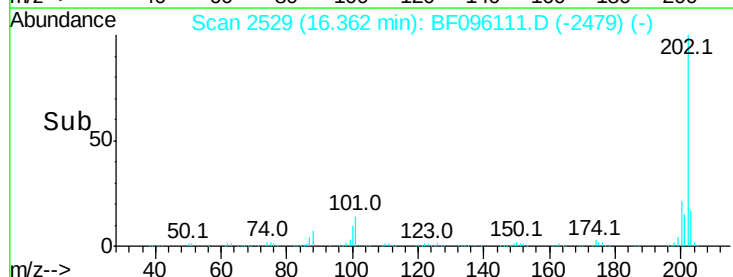
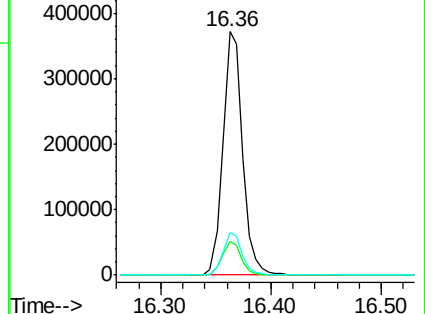
203 17.3 0.0 38.1

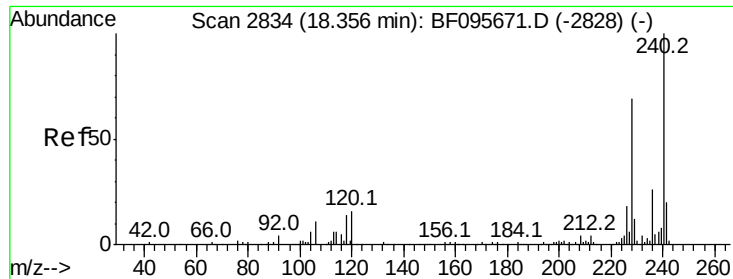


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

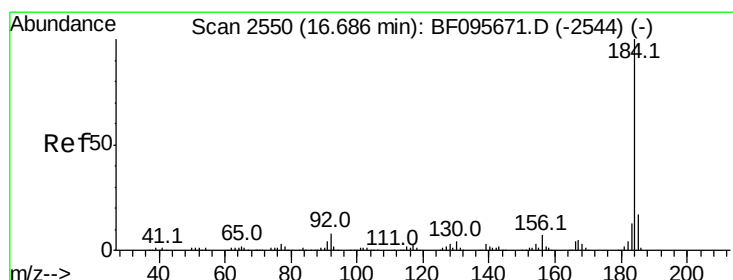
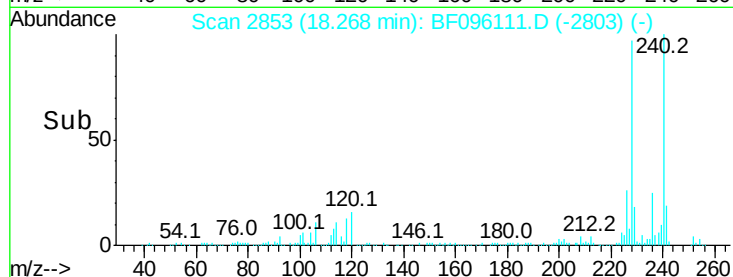
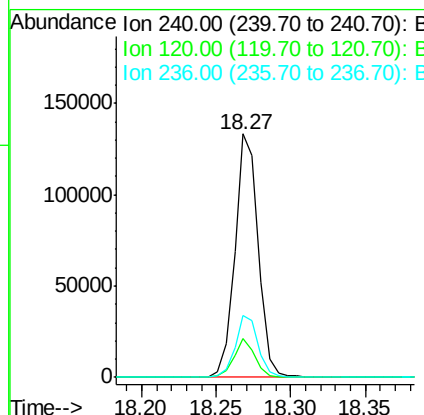
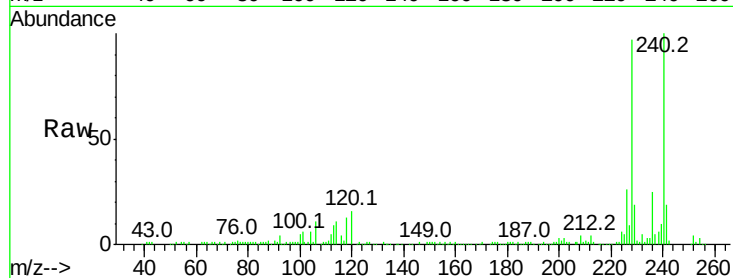




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

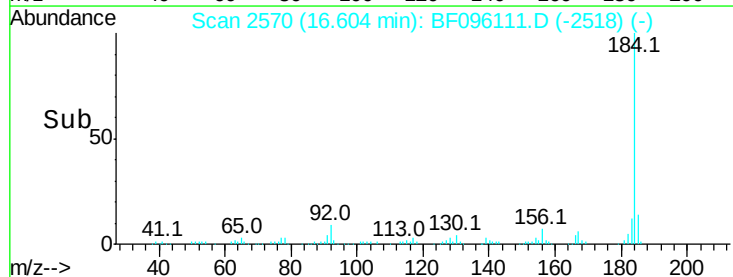
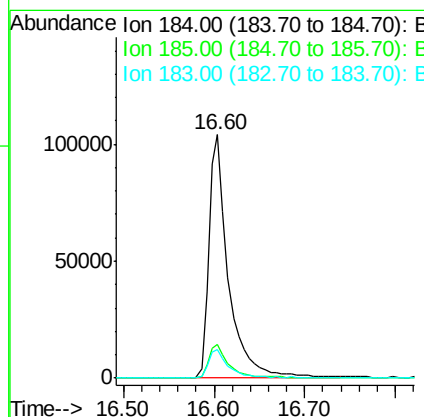
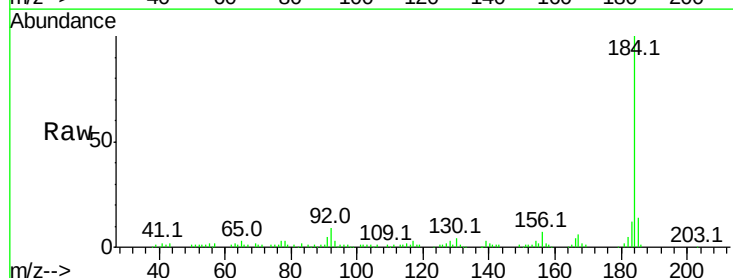
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

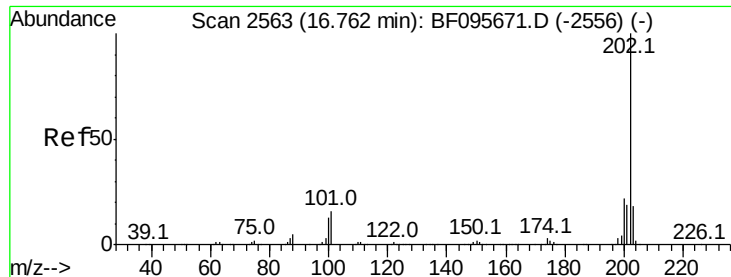
Tot Ion:240 Resp: 145267
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.8 8.8#
 236 25.2 20.5 30.7



#76
 Benzidine
 Concen: 28.27 ng
 RT: 16.60 min Scan# 2570
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:184 Resp: 157736
 Ion Ratio Lower Upper
 184 100
 185 13.9 15.5 23.3#
 183 11.6 9.8 14.6

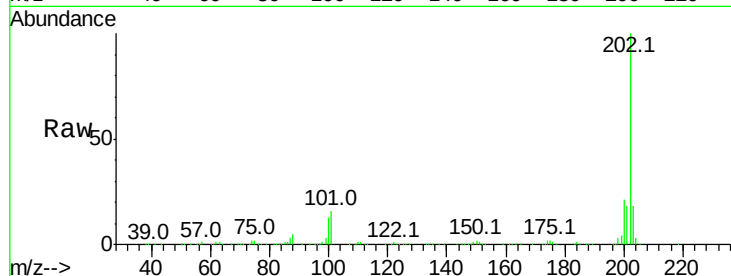




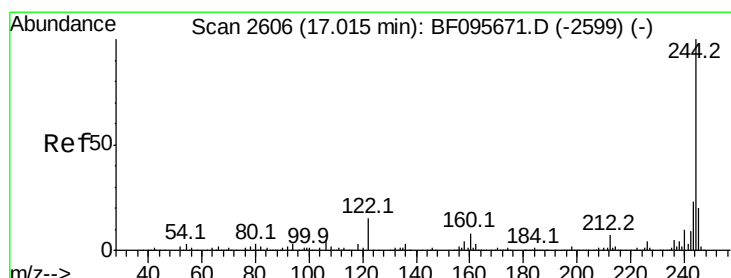
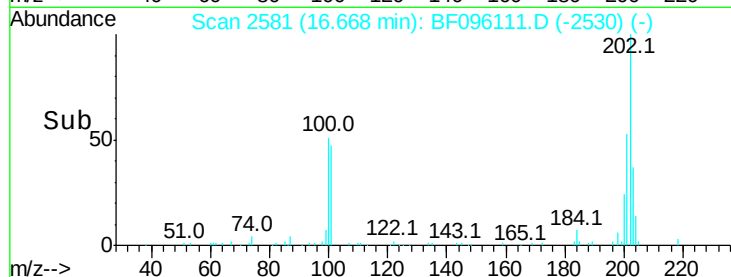
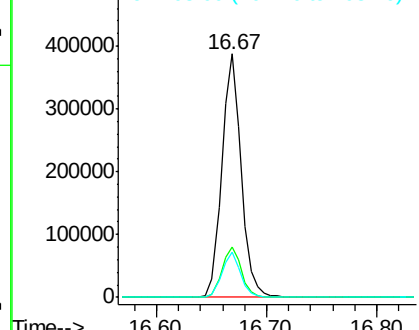
#77
Pvrene
Concen: 43.47 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

Tot Ion:202 Resp: 471124
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 18.5 14.4 21.6

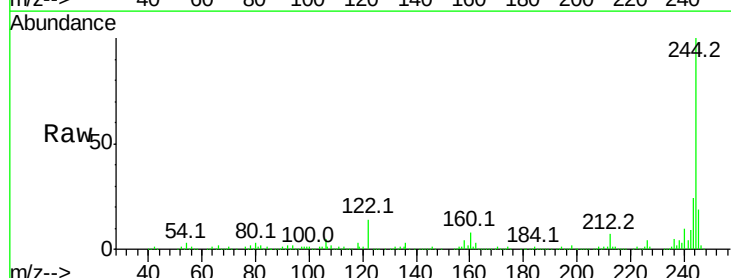


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

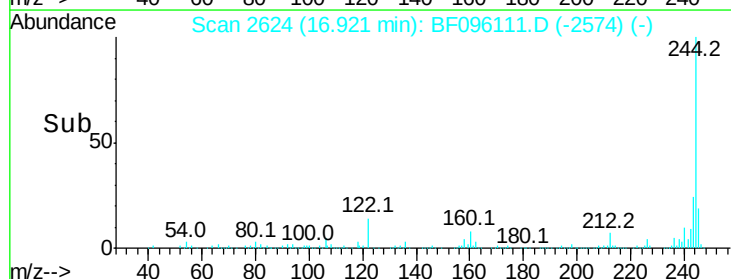
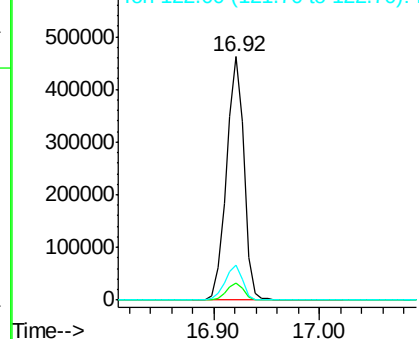


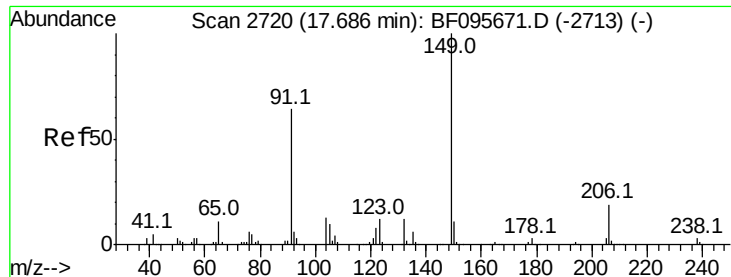
#78
Terphenyl-d14
Concen: 90.92 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:244 Resp: 532175
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 14.2 10.3 15.5



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

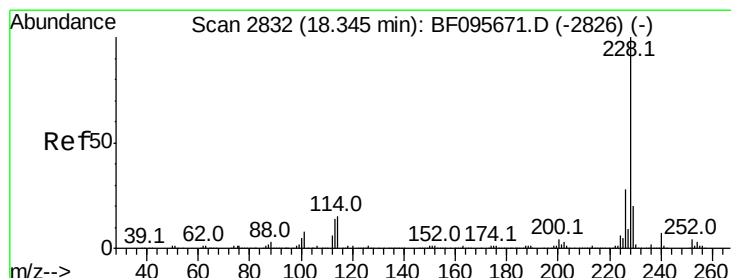
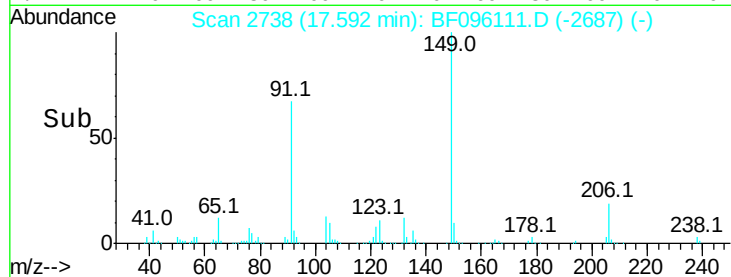
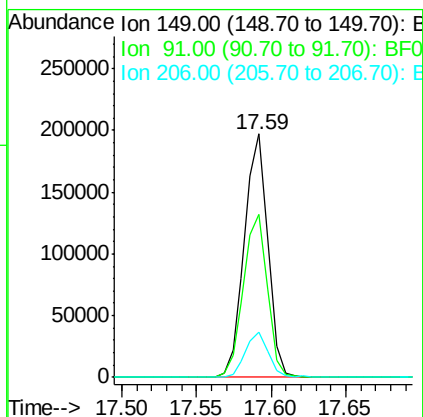
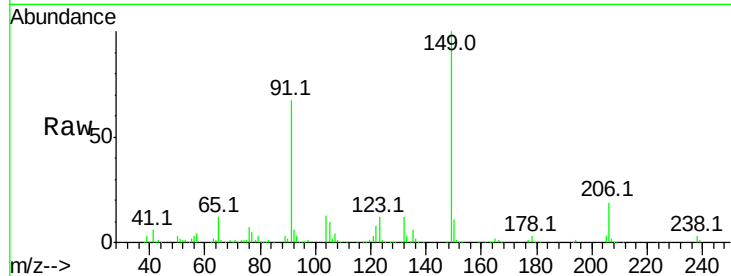




#79
Butylbenzylphthalate
Concen: 45.59 ng
RT: 17.59 min Scan# 2738
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

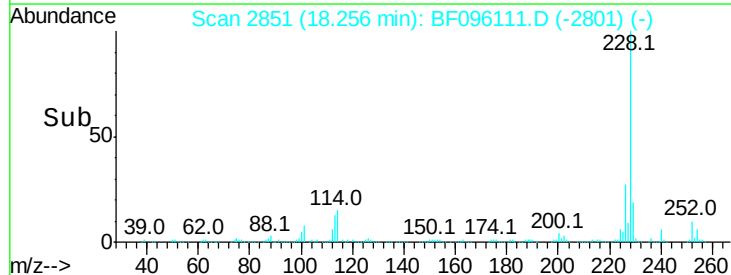
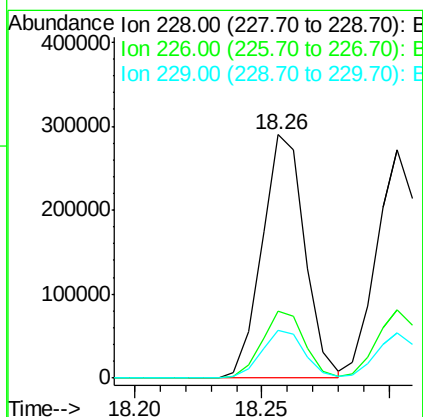
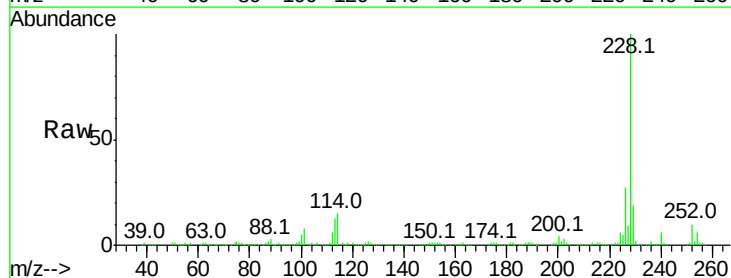
Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

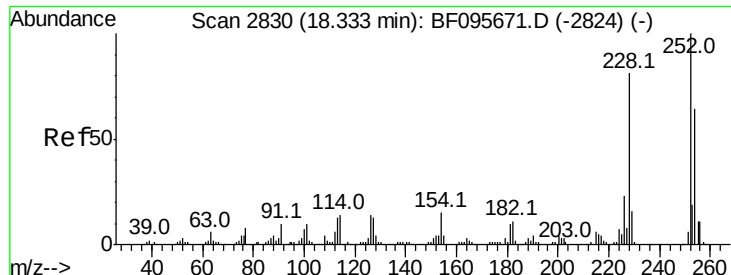
Tot Ion:149 Resp: 215822
Ion Ratio Lower Upper
149 100
91 66.9 45.0 67.4
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 40.49 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:228 Resp: 341983
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.5 16.3 24.5

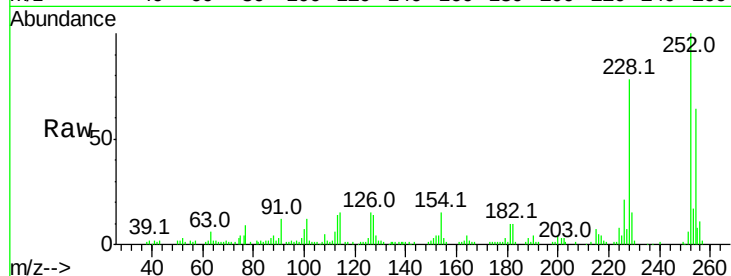




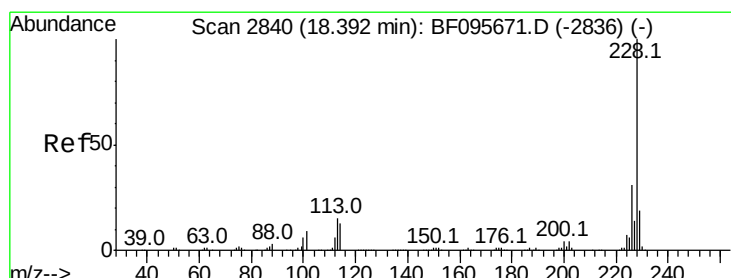
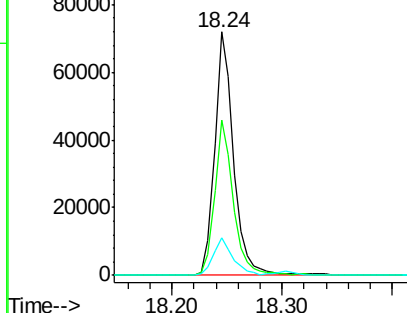
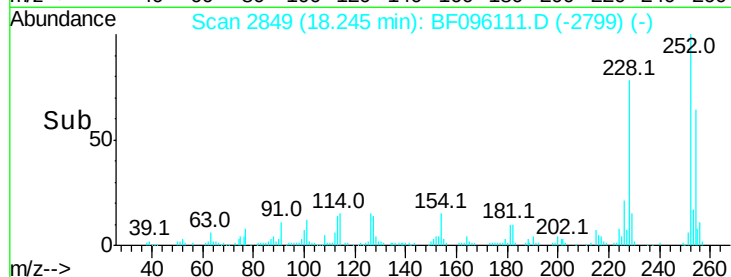
#81
 3,3'-Dichlorobenzidine
 Concen: 28.20 ng
 RT: 18.24 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

Tot Ion:252 Resp: 84676
 Ion Ratio Lower Upper
 252 100
 254 63.6 51.5 77.3
 126 15.4 15.8 23.8#

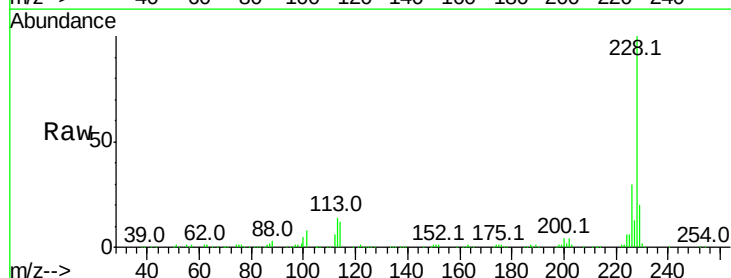


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

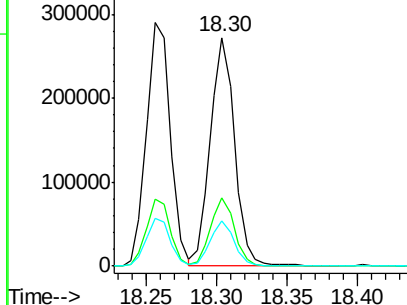
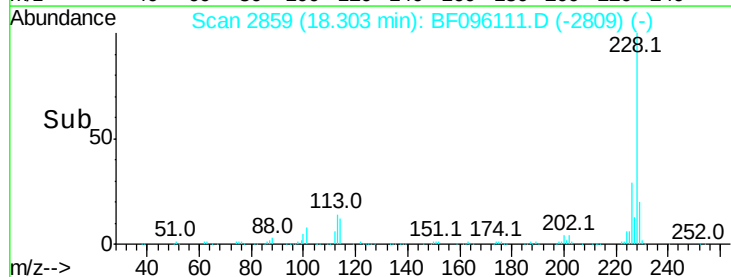


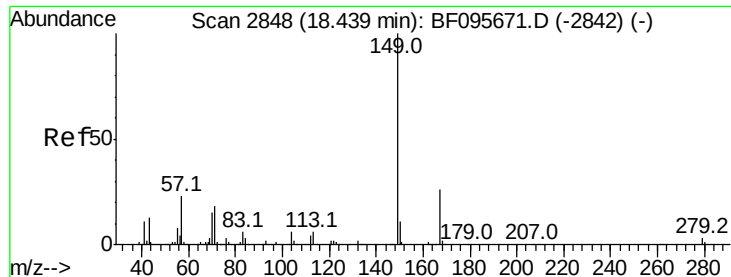
#82
 Chrysene
 Concen: 38.58 ng
 RT: 18.30 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:228 Resp: 325672
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.9 37.3
 229 19.9 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

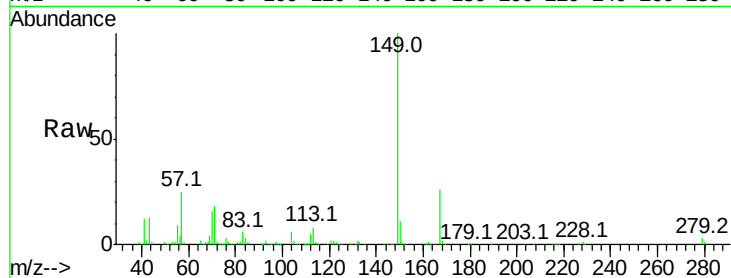




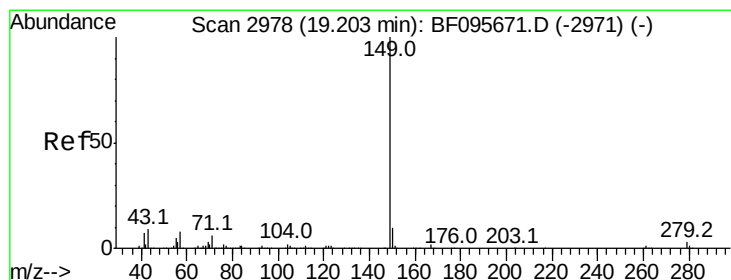
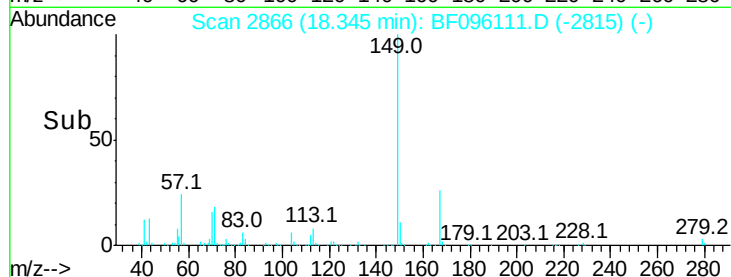
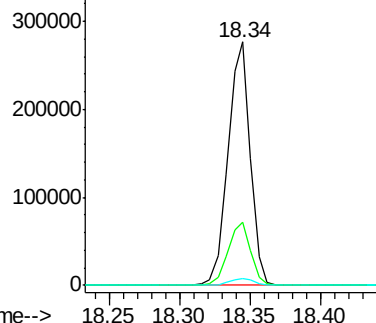
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.23 ng
 RT: 18.34 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

Tot Ion:149 Resp: 308699
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.0 31.4
 279 3.0 1.9 2.9#

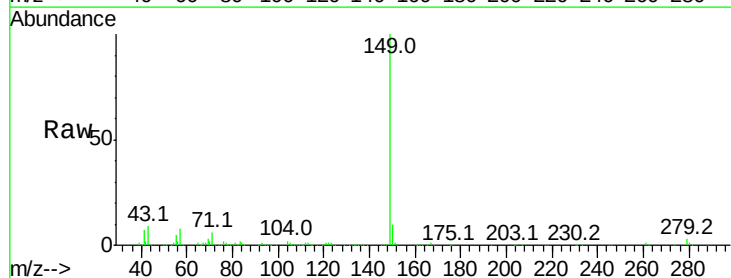


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

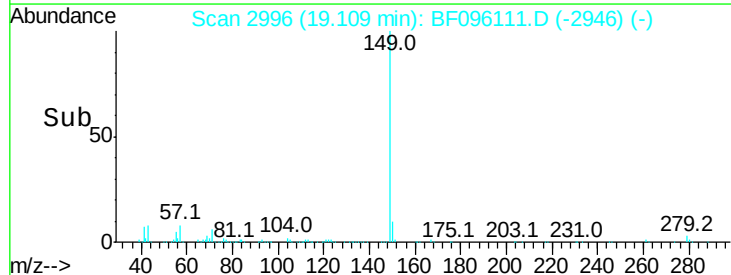
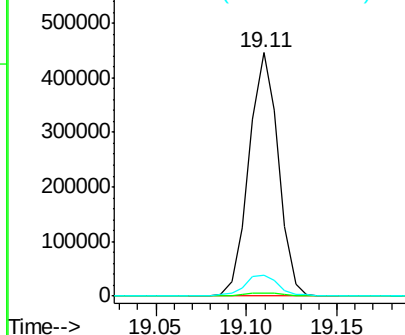


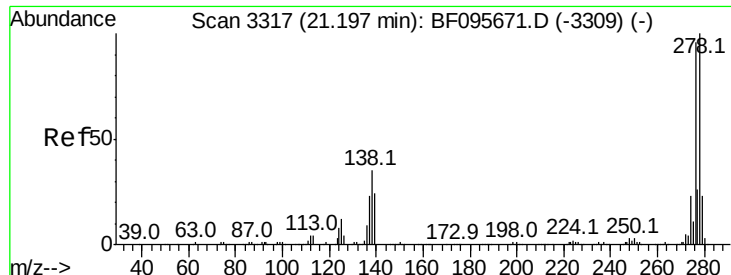
#84
 Di-n-octyl phthalate
 Concen: 45.46 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion:149 Resp: 500233
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

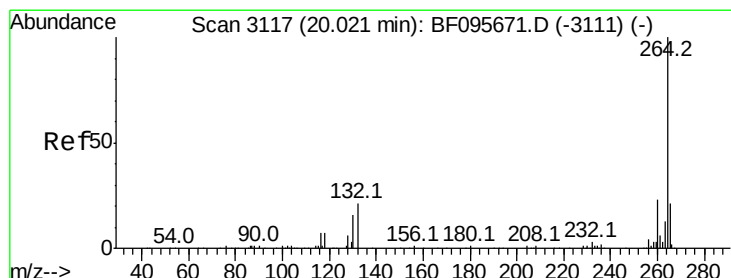
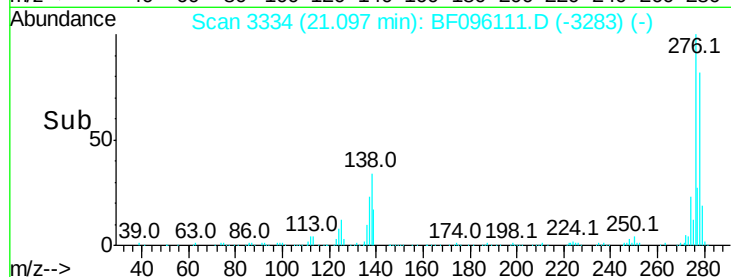
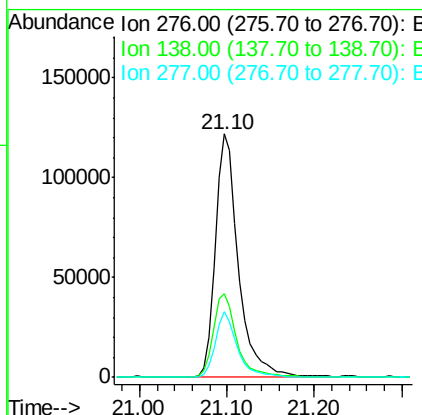
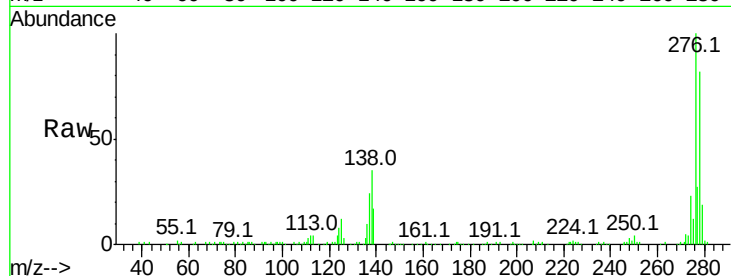




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.86 ng
 RT: 21.10 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

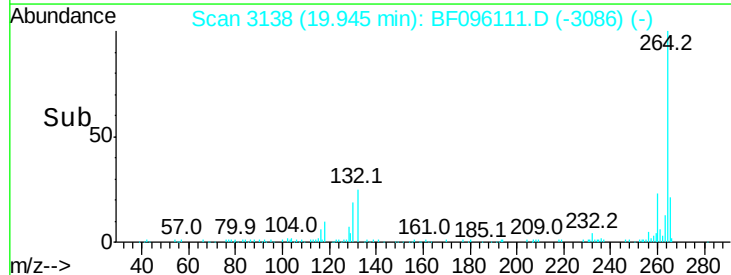
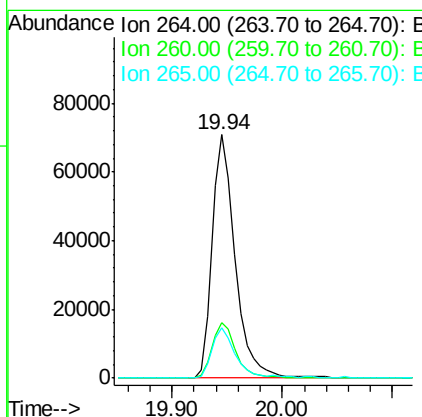
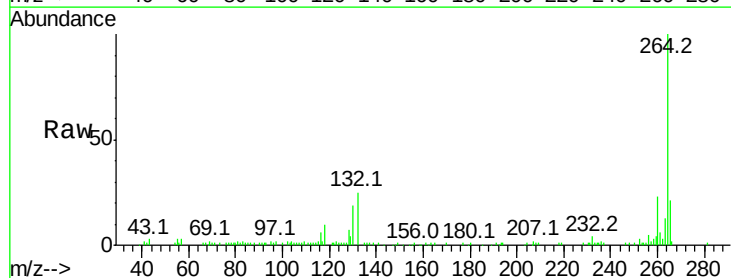
Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

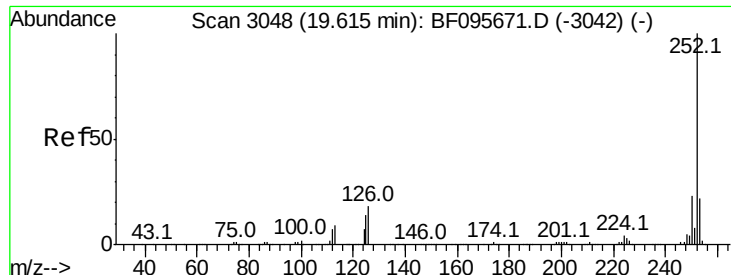
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	20.7	17.2	25.8

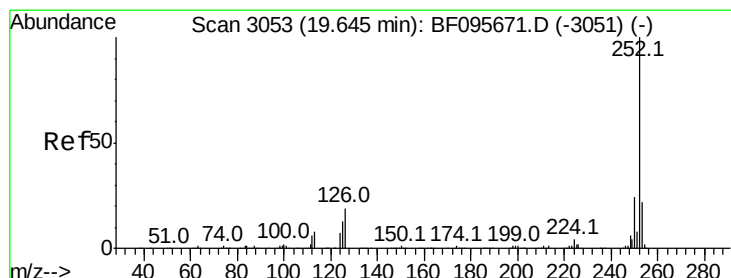
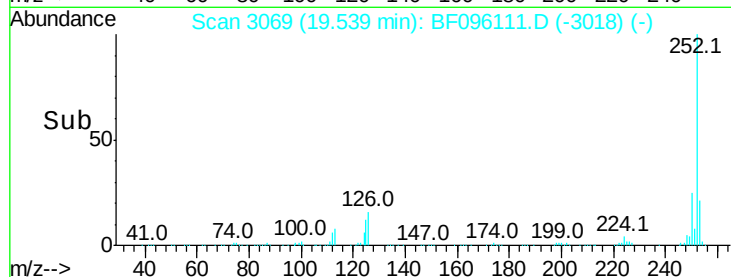
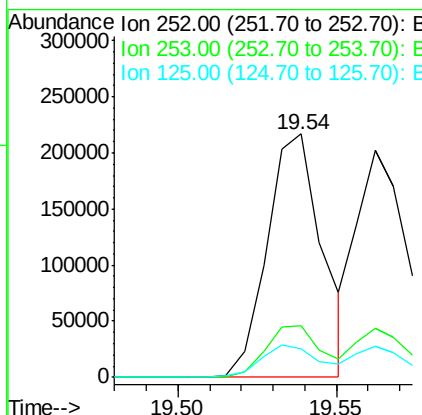
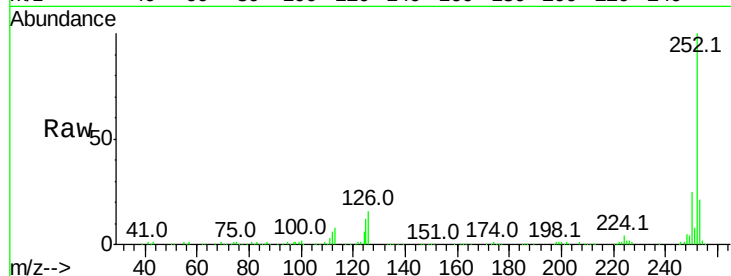




#87
Benzo(b)fluoranthene
Concen: 41.39 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

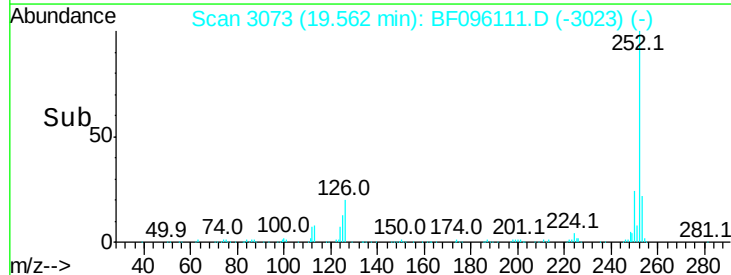
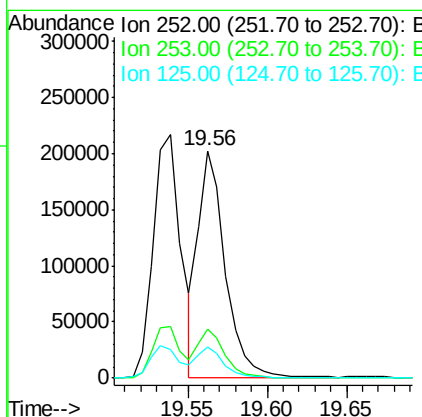
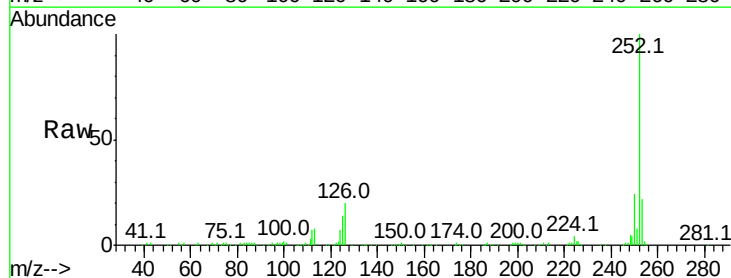
Instrument :
BNA_F
ClientSampleId :
E2-R9-BASE-02MS

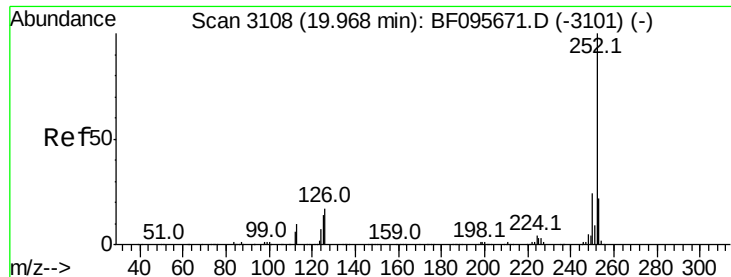
Tot Ion:252 Resp: 261303
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 11.9 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.97 ng
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096111.D
Acq: 22 Jun 2017 7:29

Tgt Ion:252 Resp: 241199
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 39.39 ng

RT: 19.89 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

Instrument :

BNA_F

ClientSampleId :

E2-R9-BASE-02MS

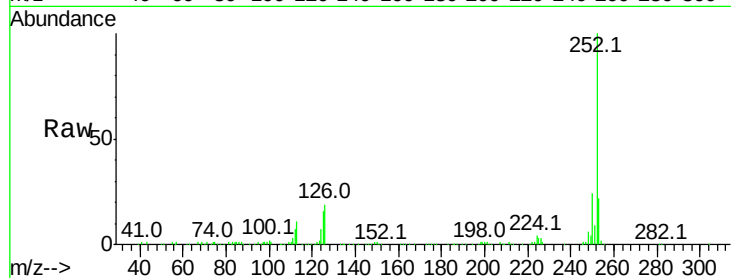
Tot Ion:252 Resp: 228558

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

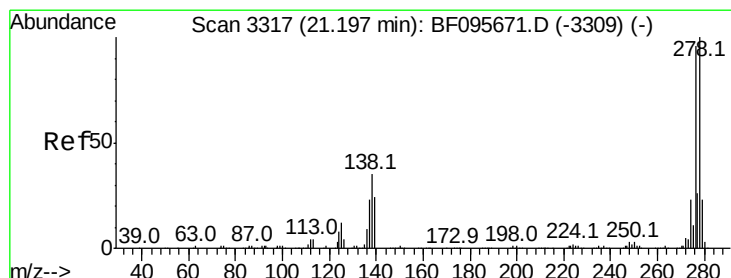
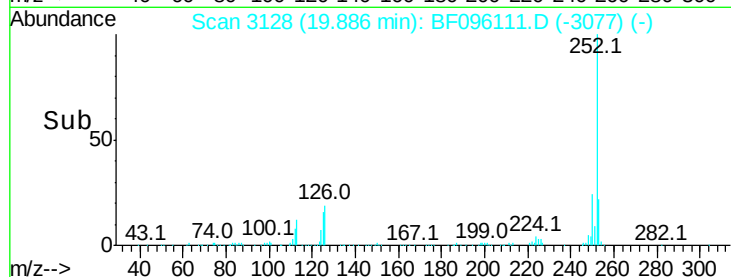
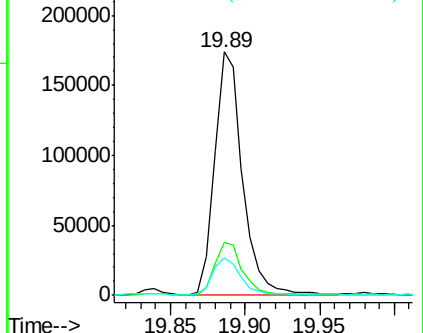
125 15.5 11.0 16.4



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: 37.90 ng

RT: 21.10 min Scan# 3334

Delta R.T. 0.00 min

Lab File: BF096111.D

Acq: 22 Jun 2017 7:29

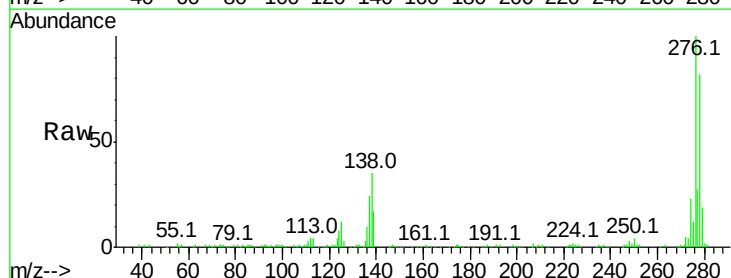
Tgt Ion:278 Resp: 186534

Ion Ratio Lower Upper

278 100

139 21.3 16.6 24.8

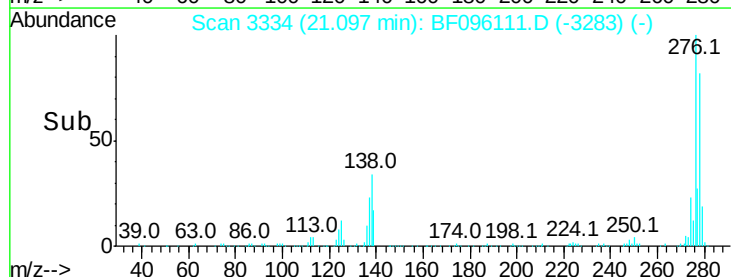
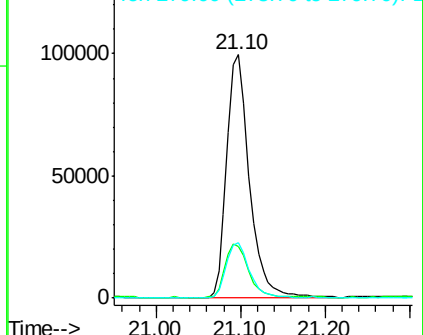
279 22.8 19.3 28.9

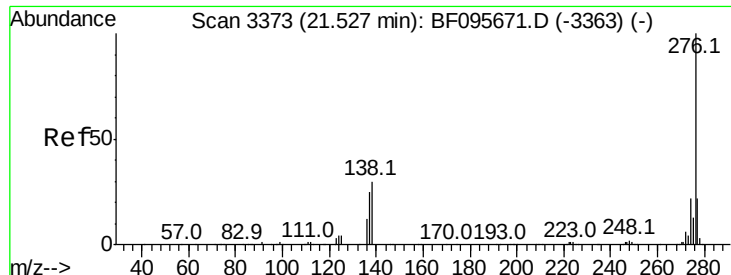


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

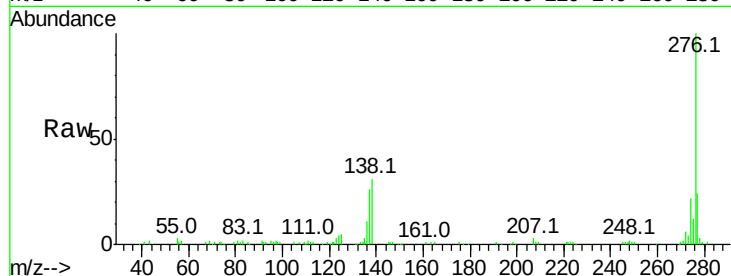




#91
 Benzo(a,h,i)perylene
 Concen: 36.60 ng
 RT: 21.43 min Scan# 3390
 Delta R.T. 0.01 min
 Lab File: BF096111.D
 Acq: 22 Jun 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 E2-R9-BASE-02MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	31.1	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

