

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096129.D
 Acq On : 22 Jun 2017 19:00
 Operator : SJ/MA
 Sample : I3775-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:17:31 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	7.27	152	89392	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	356815	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	156683	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	206042	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	145730	20.00	ng	0.00
86) Perylene-d12	19.94	264	132422	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	643234	114.66	ng	-0.01
7) Phenol-d6	6.87	99	832193	123.91	ng	0.00
23) Nitrobenzene-d5	8.20	82	523953	91.20	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	125443	90.49	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	908714	80.71	ng	-0.02
78) Terphenyl-d14	16.92	244	500587	85.25	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.61	88	88025	32.98	ng	94
3) Pyridine	2.14	79	231792	36.95	ng	99
4) n-Nitrosodimethylamine	2.12	42	106833	44.80	ng	85
6) Aniline	6.78	93	311873	35.50	ng	95
8) 2-Chlorophenol	6.97	128	278632	46.71	ng	95
9) Benzaldehyde	6.60	77	69383	15.32	ng	94
10) Phenol	6.88	94	359180	51.56	ng	91
11) bis(2-Chloroethyl)ether	6.93	93	251213	45.52	ng	96
12) 1,3-Dichlorobenzene	7.17	146	257124	38.08	ng	99
13) 1,4-Dichlorobenzene	7.30	146	294684	43.04	ng	97
14) 1,2-Dichlorobenzene	7.53	146	281757	44.64	ng	97
15) Benzyl Alcohol	7.59	79	223262	48.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.77	45	333295	42.98	ng	98
17) 2-Methylphenol	7.84	107	202754	40.50	ng	94
18) Hexachloroethane	8.05	117	87597	38.74	ng	# 86
19) n-Nitroso-di-n-propylamine	8.02	70	178985	42.05	ng	95
20) 3+4-Methylphenols	8.10	107	286939	45.16	ng	# 57
22) Acetophenone	7.97	105	348034	41.67	ng	# 85
24) Nitrobenzene	8.23	77	276122	44.99	ng	95
25) Isophorone	8.64	82	438864	40.91	ng	97
26) 2-Nitrophenol	8.75	139	122207	38.03	ng	97
27) 2,4-Dimethylphenol	8.91	122	242891	48.70	ng	98
28) bis(2-Chloroethoxy)methane	9.02	93	304009	42.99	ng	98
29) 2,4-Dichlorophenol	9.20	162	218191	45.42	ng	98
30) 1,2,4-Trichlorobenzene	9.25	180	217654	43.55	ng	99
31) Naphthalene	9.35	128	765983	42.77	ng	99
32) Benzoic acid	9.25	122	1522	5.55	ng	# 9
33) 4-Chloroaniline	9.51	127	230064	32.87	ng	94
34) Hexachlorobutadiene	9.56	225	97499	37.75	ng	99
35) Caprolactam	10.13	113	40009	27.99	ng	95
36) 4-Chloro-3-methylphenol	10.40	107	233348	46.41	ng	89
37) 2-Methylnaphthalene	10.47	142	538882	44.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	196258	41.85	ng	99
40) Hexachlorocyclopentadiene	10.72	237	5806	14.64	ng	86

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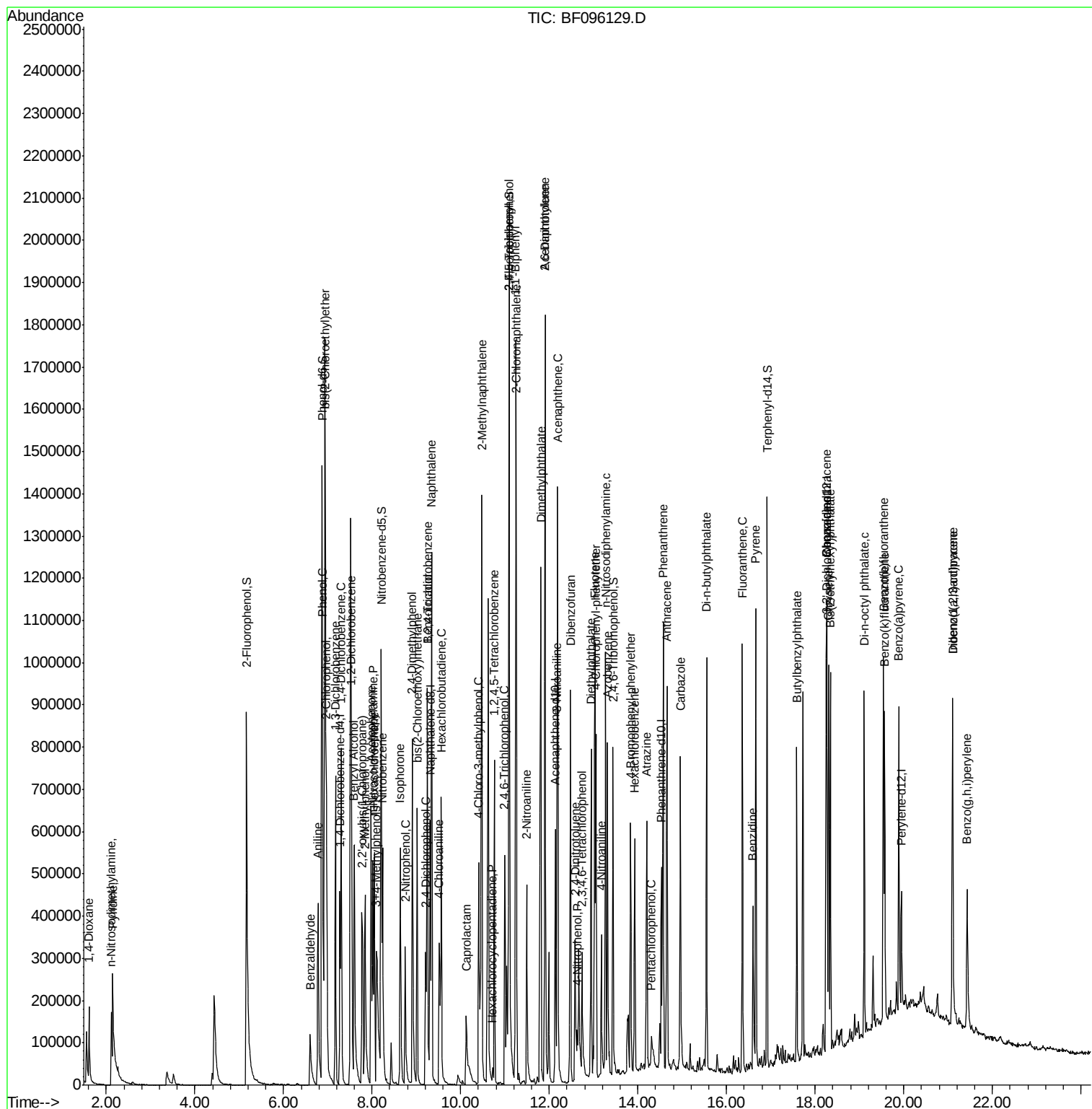
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.00	196	127866	42.41	nq	95
43) 2,4,5-Trichlorophenol	11.10	196	126020	39.30	nq	95
45) 1,1'-Biphenyl	11.25	154	547828	42.42	nq	98
46) 2-Chloronaphthalene	11.26	162	429365	42.55	nq	95
47) 2-Nitroaniline	11.49	65	135099	45.76	nq	87
48) Acenaphthylene	11.90	152	667549	38.69	nq	99
49) Dimethylphthalate	11.81	163	732581	61.58	nq	99
50) 2,6-Dinitrotoluene	11.90	165	100958	38.91	nq	# 62
51) Acenaphthene	12.19	154	401046	40.25	nq	100
52) 3-Nitroaniline	12.17	138	119451	39.51	nq	94
54) Dibenzofuran	12.47	168	522282	37.24	nq	98
55) 4-Nitrophenol	12.62	139	81050	47.89	nq	# 74
56) 2,4-Dinitrotoluene	12.58	165	122197	34.87	nq	# 87
57) Fluorene	13.03	166	413002	33.84	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.74	232	65226	29.73	nq	# 93
59) Diethylphthalate	12.95	149	435447	38.03	nq	100
60) 4-Chlorophenyl-phenylether	13.06	204	186555	35.15	nq	90
61) 4-Nitroaniline	13.17	138	101418	35.93	nq	94
62) Azobenzene	13.32	77	385423	37.15	nq	94
65) n-Nitrosodiphenylamine	13.27	169	355321	47.99	nq	98
66) 4-Bromophenyl-phenylether	13.84	248	99447	46.44	nq	98
67) Hexachlorobenzene	13.93	284	95691	45.35	nq	# 90
68) Atrazine	14.20	200	100407	48.73	nq	97
69) Pentachlorophenol	14.31	266	21426	31.17	nq	93
70) Phenanthrene	14.57	178	574122	48.29	nq	97
71) Anthracene	14.66	178	547495	44.11	nq	98
72) Carbazole	14.96	167	486601	40.23	nq	97
73) Di-n-butylphthalate	15.55	149	649090	50.44	nq	98
74) Fluoranthene	16.36	202	561764	47.74	nq	98
76) Benzidine	16.60	184	227815	40.70	nq	# 92
77) Pyrene	16.66	202	544922	50.11	nq	100
79) Butylbenzylphthalate	17.59	149	220097	46.35	nq	# 85
80) Benzo(a)anthracene	18.26	228	413321	48.78	nq	100
81) 3,3'-Dichlorobenzidine	18.24	252	122431	40.64	nq	# 95
82) Chrysene	18.30	228	403058	47.60	nq	98
83) Bis(2-ethylhexyl)phthalate	18.34	149	319206	47.65	nq	99
84) Di-n-octyl phthalate	19.11	149	512774	46.45	nq	97
85) Indeno(1,2,3-cd)pyrene	21.10	276	304803	42.07	nq	99
87) Benzo(b)fluoranthene	19.54	252	390862	47.14	nq	98
88) Benzo(k)fluoranthene	19.57	252	362202	45.70	nq	97
89) Benzo(a)pyrene	19.89	252	356015	46.71	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	250629	38.77	nq	97
91) Benzo(g,h,i)perylene	21.43	276	246055	37.33	nq	98

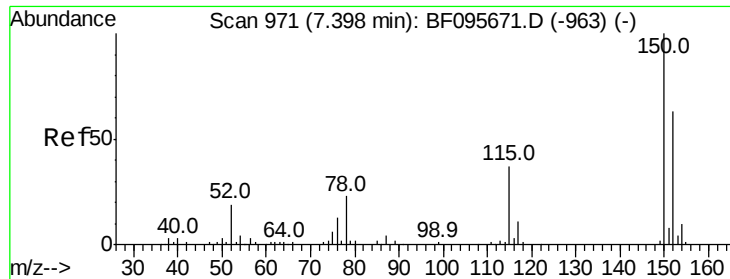
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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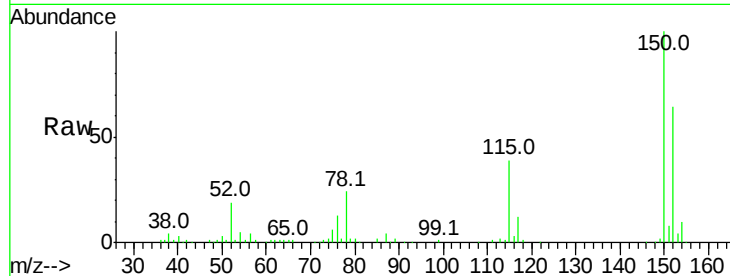


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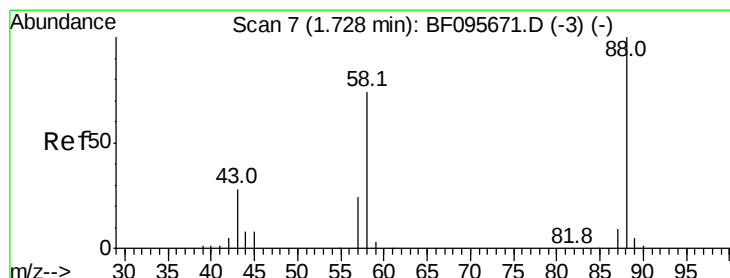
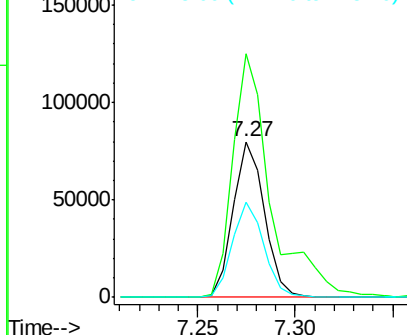
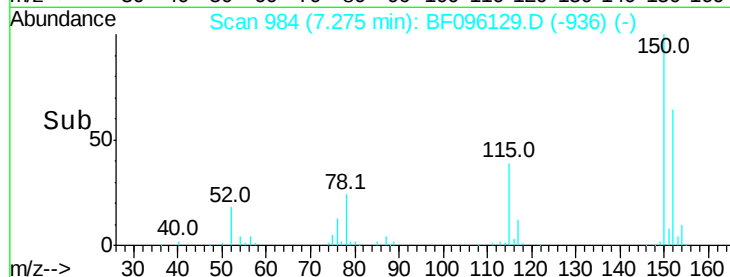
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 89392
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 61.1 52.2 78.2



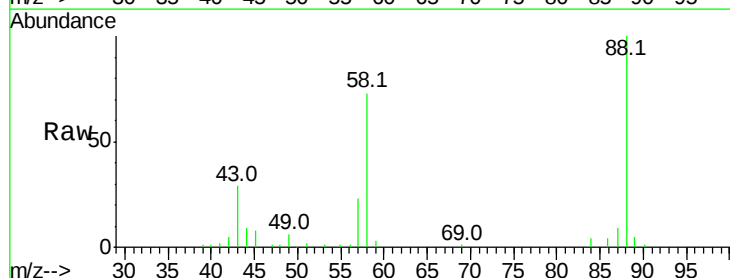
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



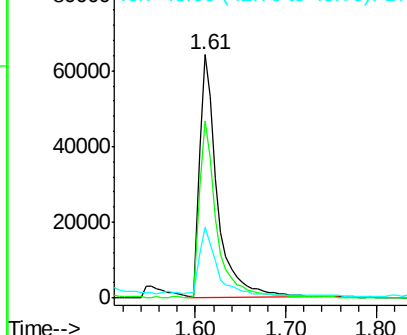
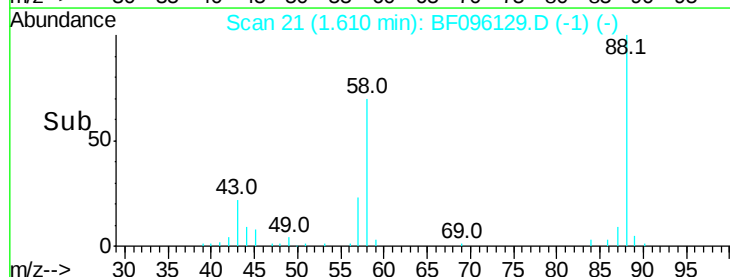
#2

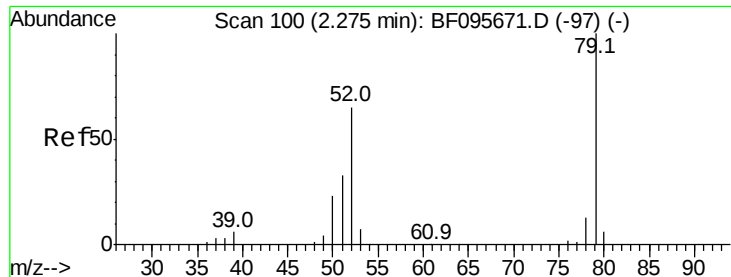
1,4-Dioxane
Concen: 32.98 ng
RT: 1.61 min Scan# 21
Delta R.T. 0.00 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion: 88 Resp: 88025
Ion Ratio Lower Upper
88 100
58 70.7 61.4 92.0
43 27.3 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

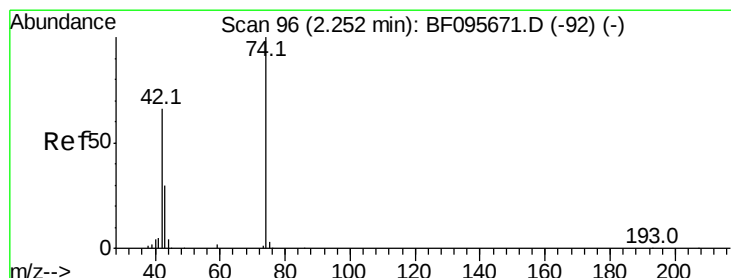
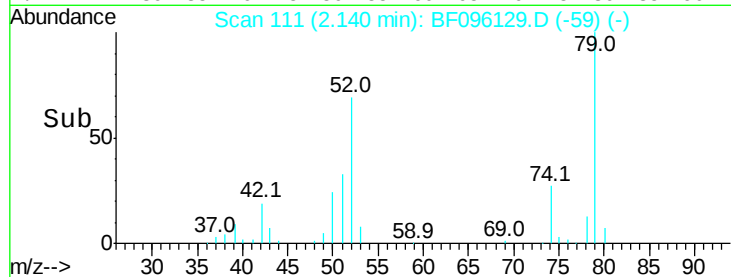
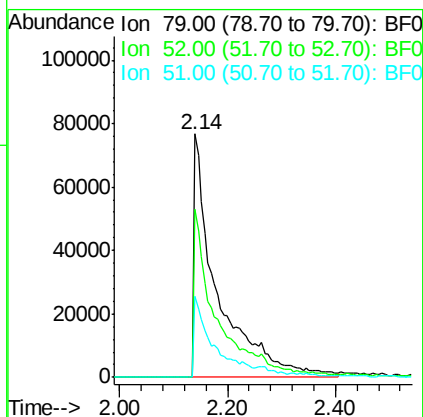
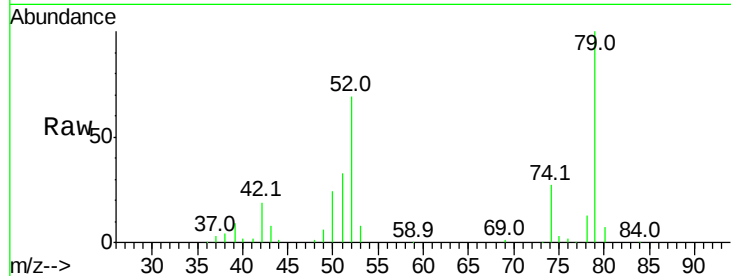




#3
 Pvridine
 Concen: 36.95 ng
 RT: 2.14 min Scan# 111
 Delta R.T. 0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

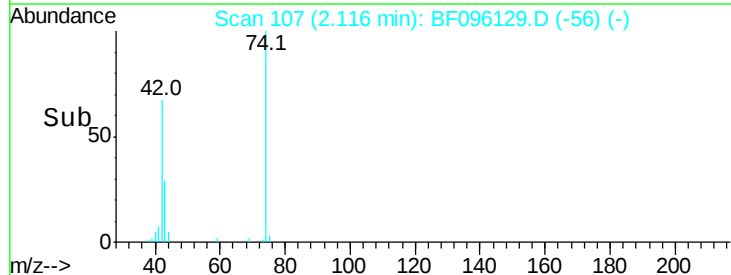
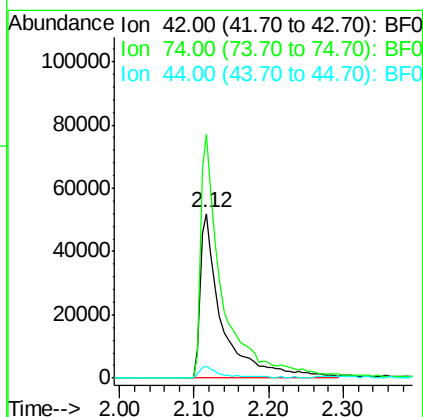
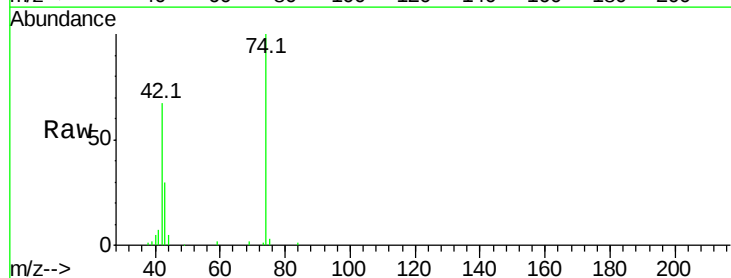
Instrument :
 BNA_F
 ClientSampleId :

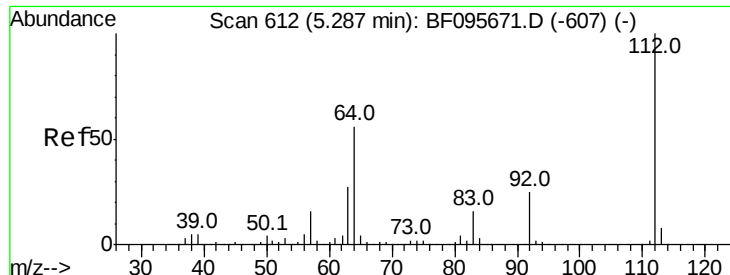
Tot Ion: 79 Resp: 231792
 Ion Ratio Lower Upper
 79 100
 52 69.0 54.8 82.2
 51 33.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 44.80 ng
 RT: 2.12 min Scan# 107
 Delta R.T. 0.00 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion: 42 Resp: 106833
 Ion Ratio Lower Upper
 42 100
 74 148.2 103.9 155.9
 44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 114.66 ng

RT: 5.17 min Scan# 626

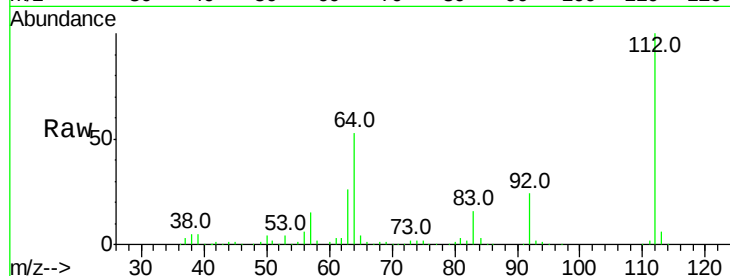
Delta R.T. -0.01 min

Lab File: BF096129.D

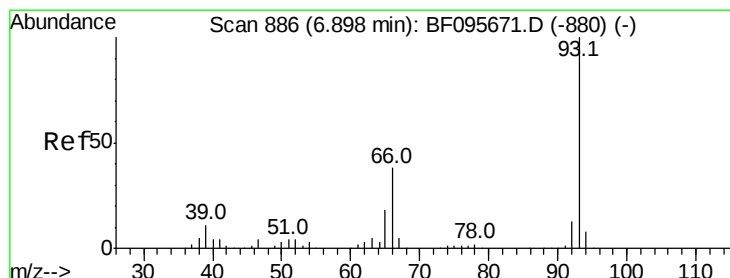
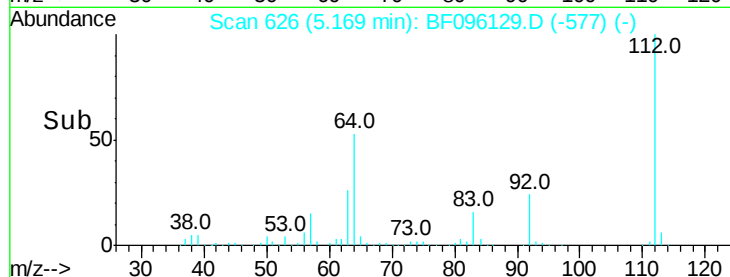
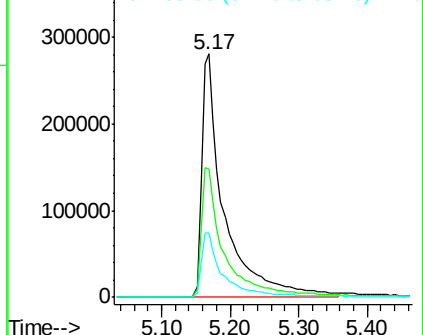
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	643234
Ion	Ratio	Lower	Upper
112	100		
64	52.9	46.0	69.0
63	26.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 35.50 ng

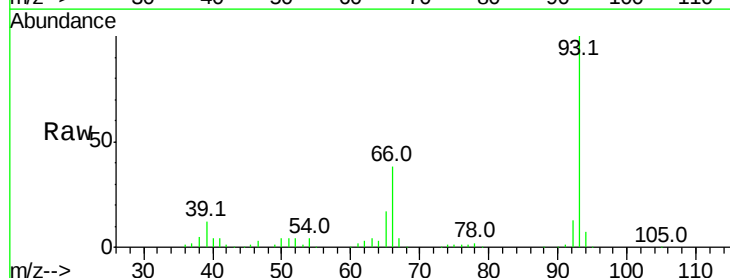
RT: 6.78 min Scan# 900

Delta R.T. -0.01 min

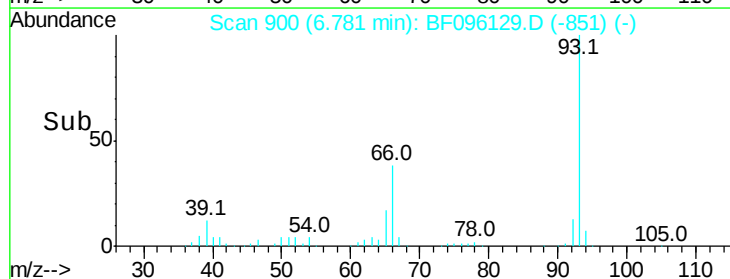
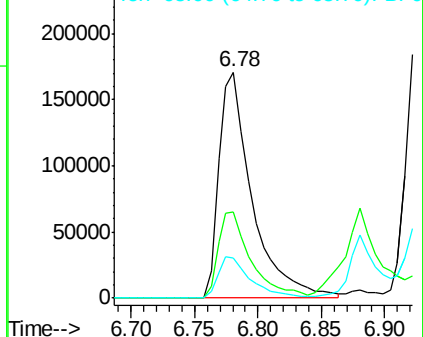
Lab File: BF096129.D

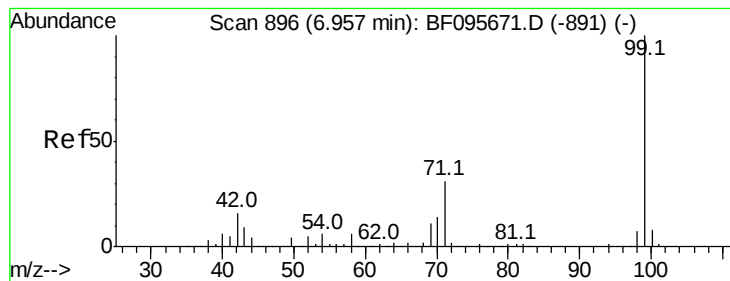
Acq: 22 Jun 2017 19:00

Tgt Ion:	93	Resp:	311873
Ion	Ratio	Lower	Upper
93	100		
66	38.0	32.9	49.3
65	17.5	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 123.91 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

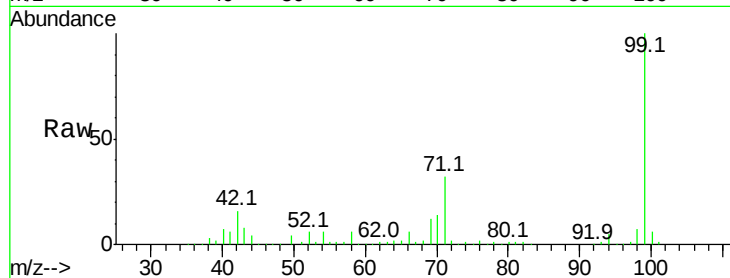
Tot Ion: 99 Resp: 832193

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

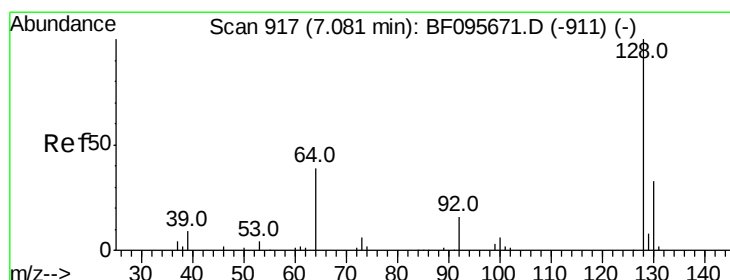
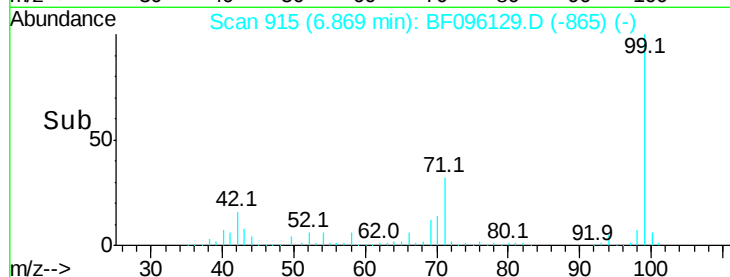
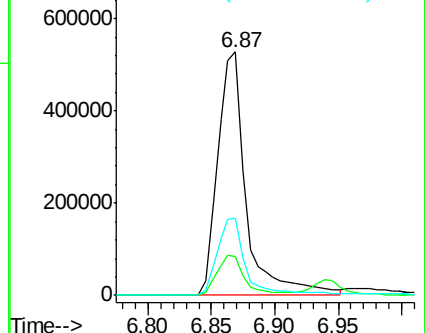
71 31.8 24.5 36.7



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: 46.71 ng

RT: 6.97 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

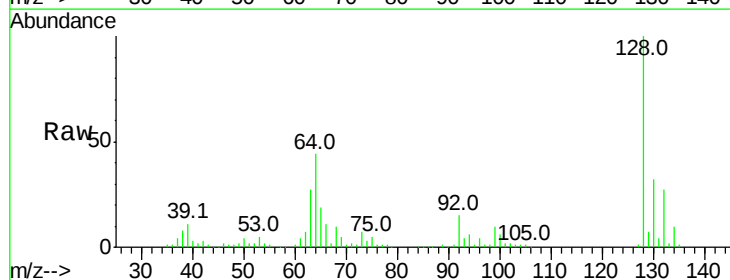
Tgt Ion: 128 Resp: 278632

Ion Ratio Lower Upper

128 100

130 31.7 12.9 52.9

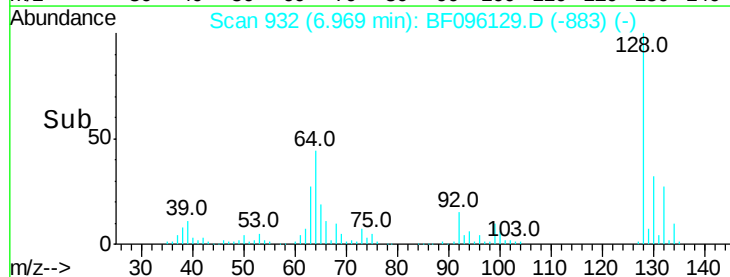
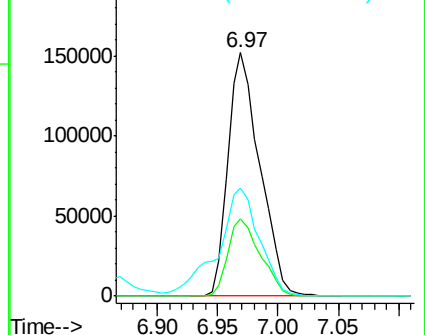
64 44.3 28.4 68.4

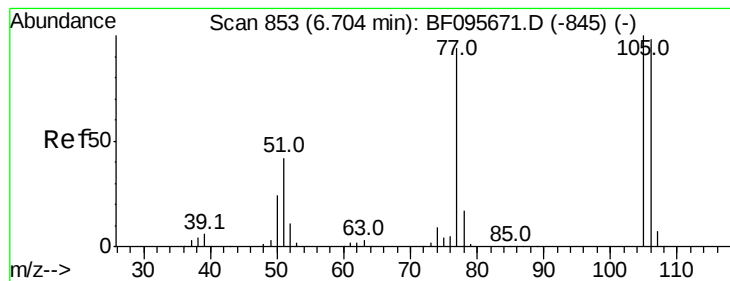


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.32 ng

RT: 6.60 min Scan# 869

Delta R.T. 0.00 min

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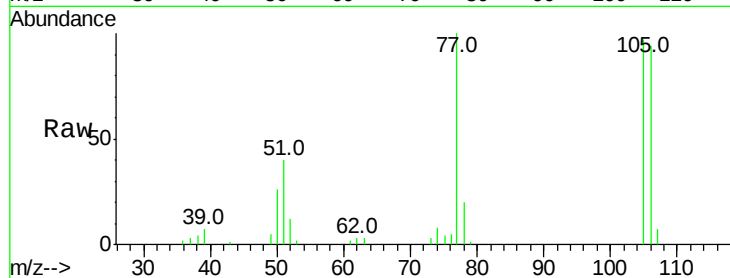
Tot Ion: 77 Resp: 69383

Ion Ratio Lower Upper

77 100

105 96.6 83.8 123.8

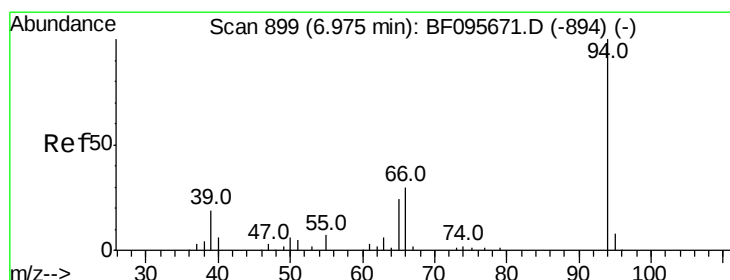
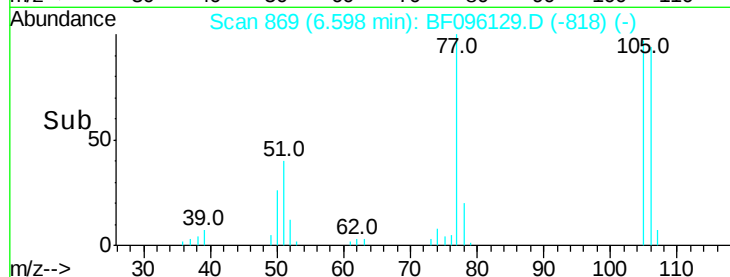
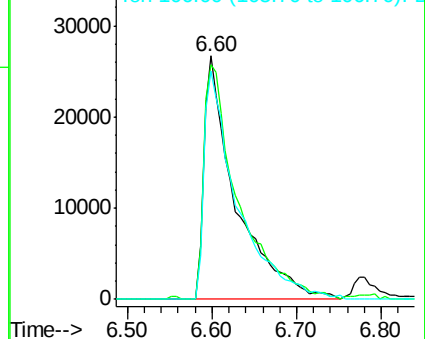
106 93.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.56 ng

RT: 6.88 min Scan# 917

Delta R.T. -0.01 min

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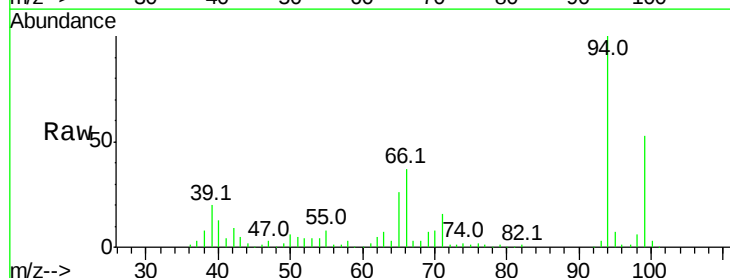
Tgt Ion: 94 Resp: 359180

Ion Ratio Lower Upper

94 100

65 25.8 9.9 49.9

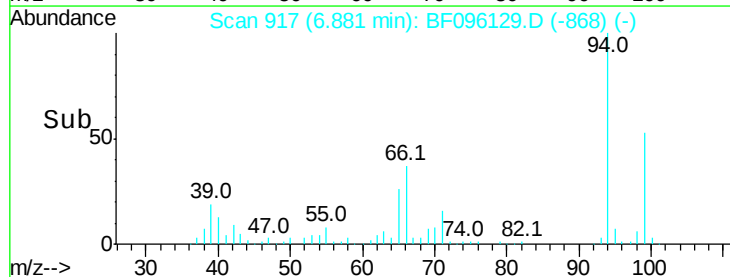
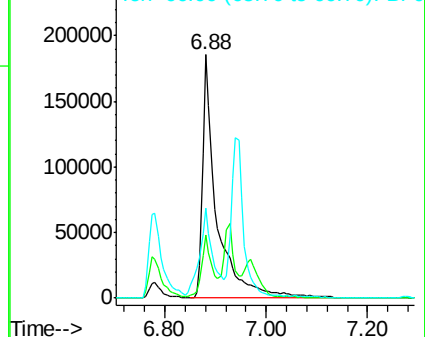
66 36.9 23.1 63.1

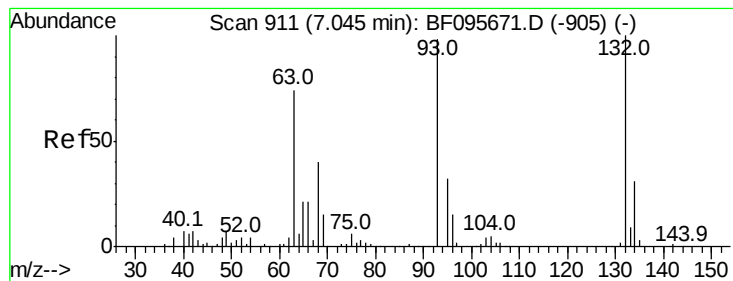


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

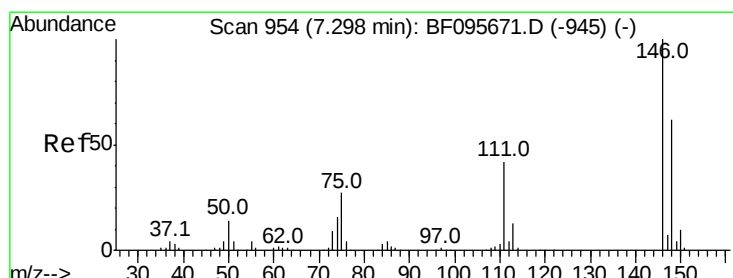
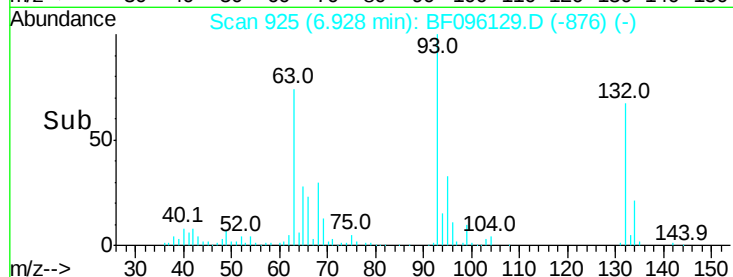
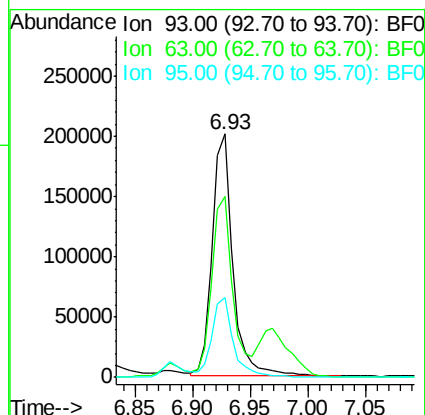
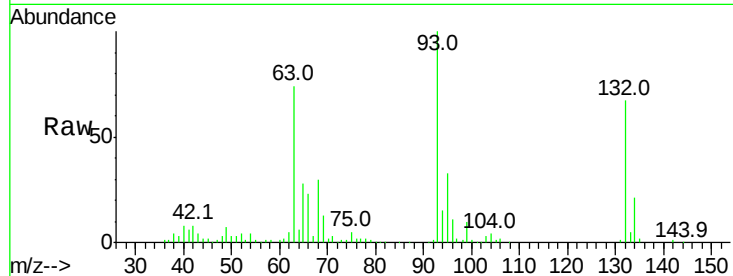




#11
bis(2-Chloroethyl)ether
Concen: 45.52 ng
RT: 6.93 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

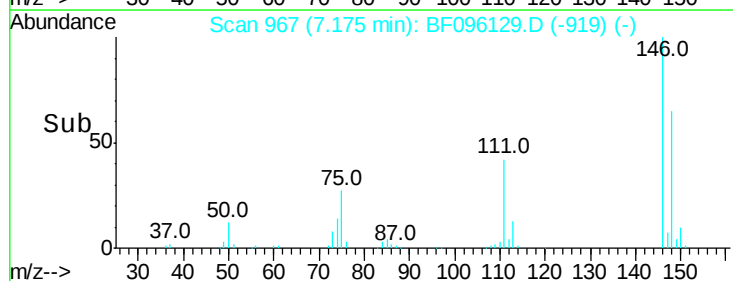
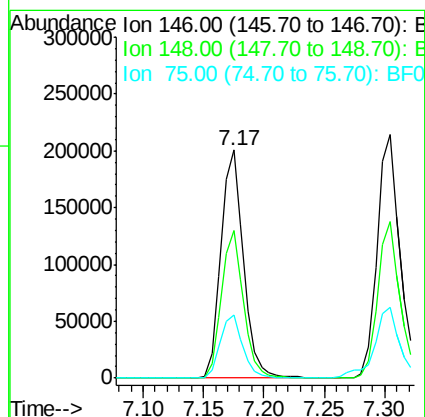
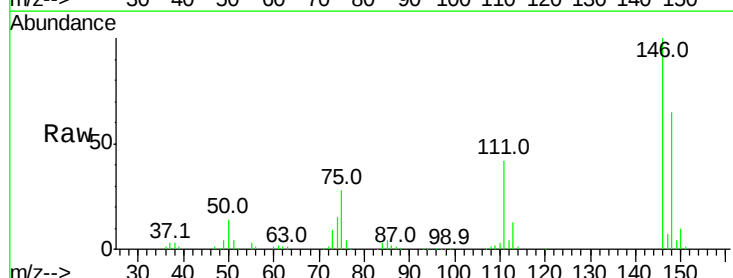
Instrument :
BNA_F
ClientSampleId :

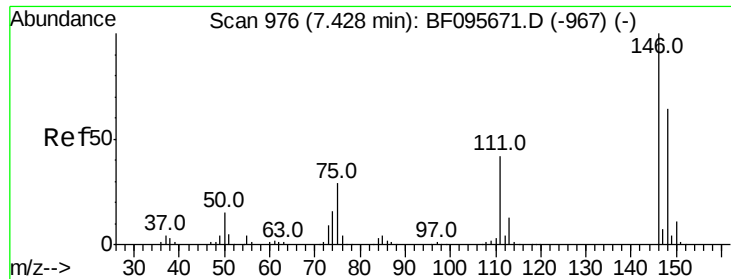
Tot Ion: 93 Resp: 251213
Ion Ratio Lower Upper
93 100
63 74.1 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.08 ng
RT: 7.17 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion: 146 Resp: 257124
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 27.8 23.1 34.7

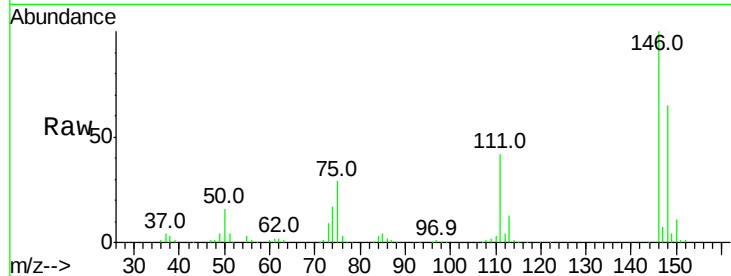




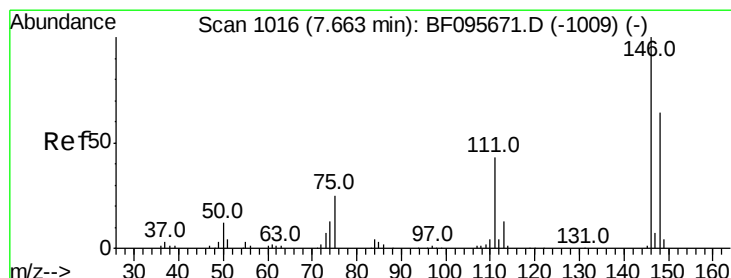
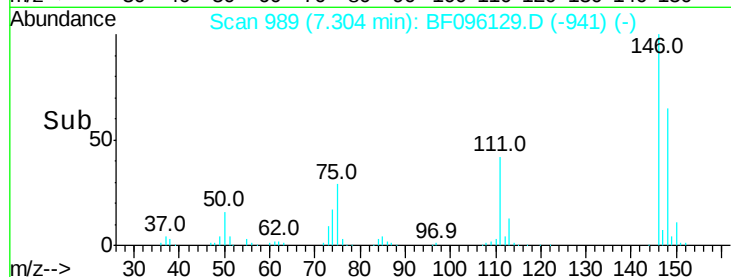
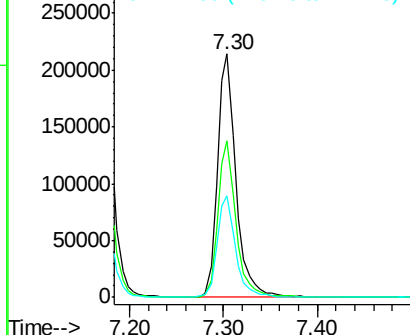
#13
 1,4-Dichlorobenzene
 Concen: 43.04 ng
 RT: 7.30 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 294684
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.2 78.2
 111 41.7 30.3 45.5

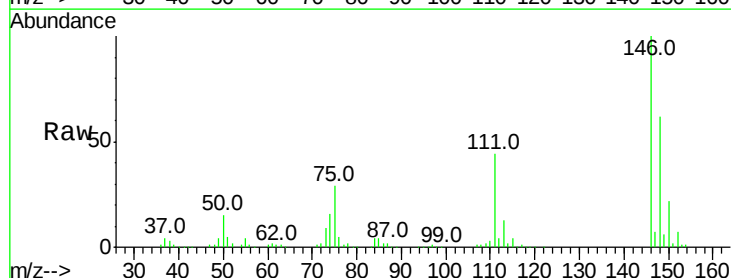


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

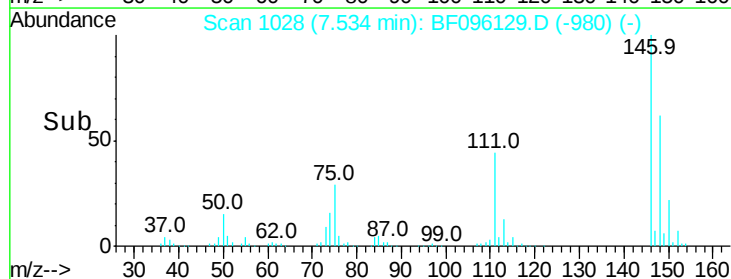
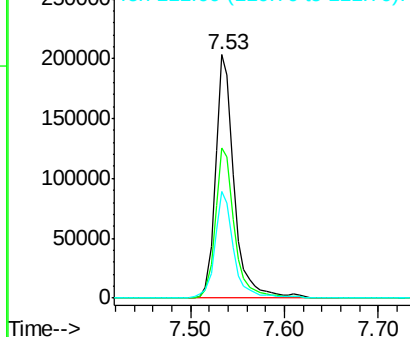


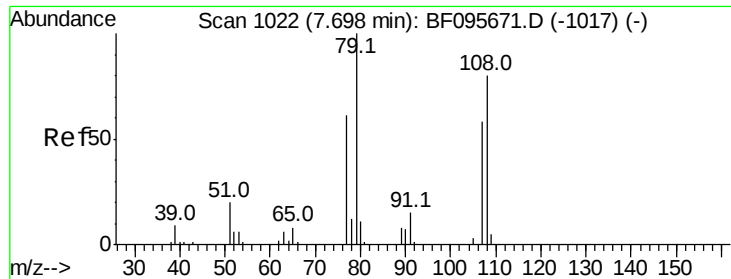
#14
 1,2-Dichlorobenzene
 Concen: 44.64 ng
 RT: 7.53 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:146 Resp: 281757
 Ion Ratio Lower Upper
 146 100
 148 61.9 50.4 75.6
 111 43.6 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 48.43 ng

RT: 7.59 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampled :

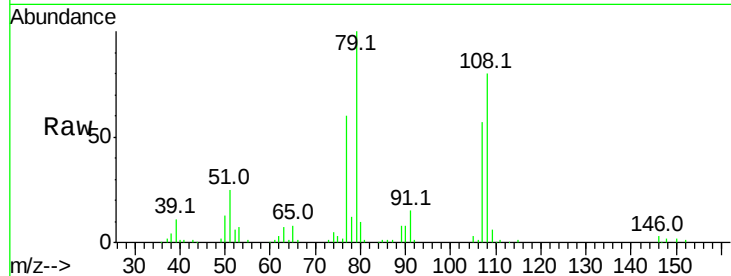
Tot Ion: 79 Resp: 223262

Ion Ratio Lower Upper

79 100

108 80.1 63.4 95.0

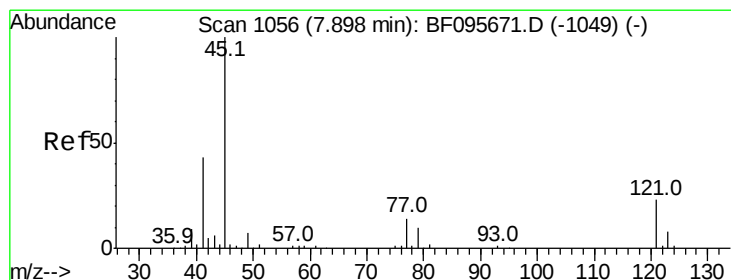
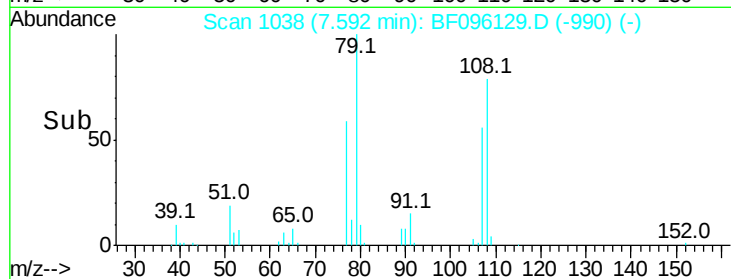
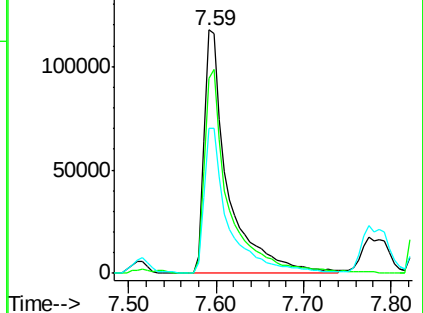
77 59.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.98 ng

RT: 7.77 min Scan# 1069

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

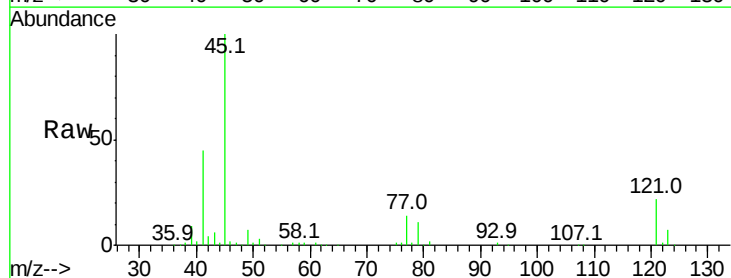
Tgt Ion: 45 Resp: 333295

Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

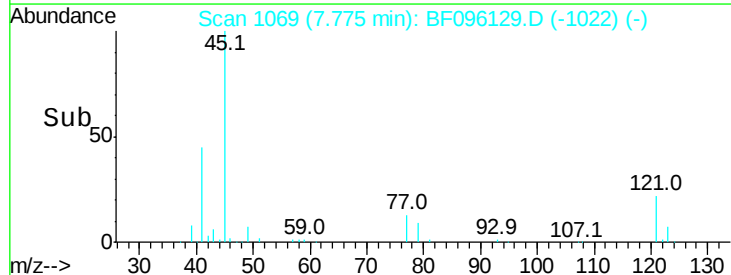
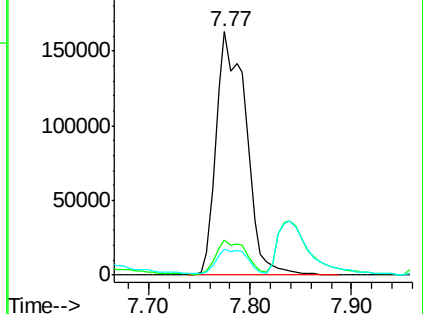
79 10.6 0.0 30.0

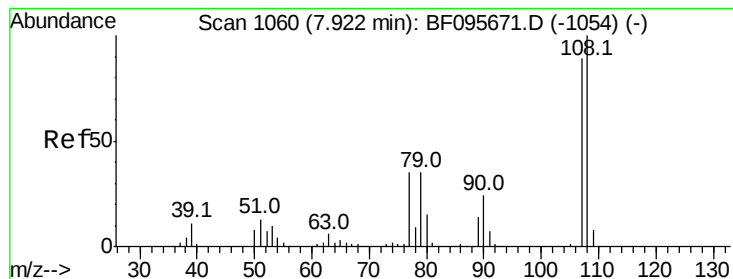


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.50 ng

RT: 7.84 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 202754

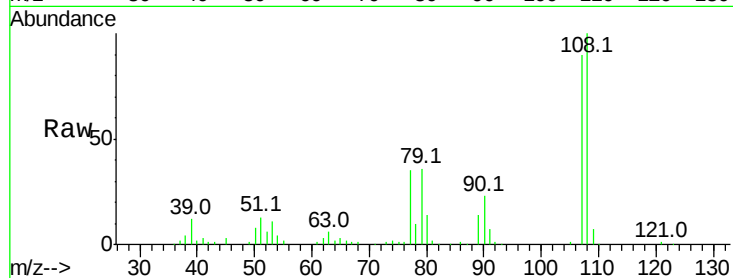
Ion Ratio Lower Upper

107 100

108 111.5 93.4 140.0

77 39.4 35.8 53.6

79 39.7 34.8 52.2

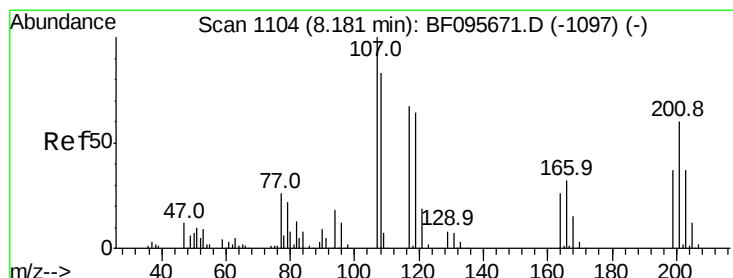
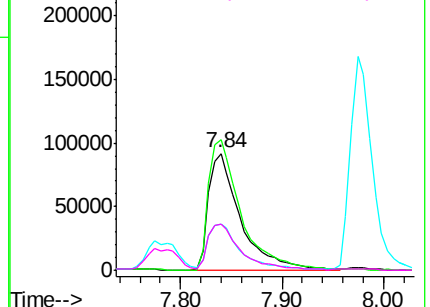
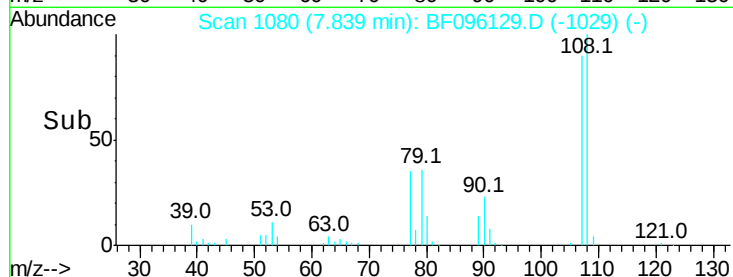


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.74 ng

RT: 8.05 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

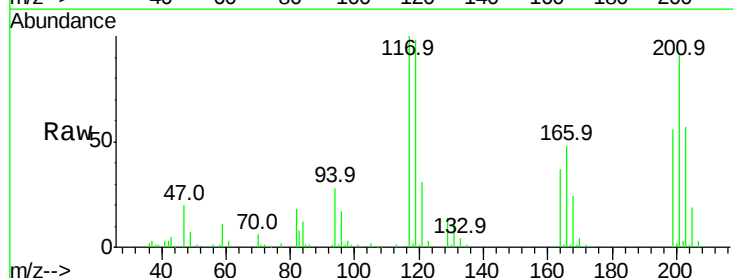
Tgt Ion:117 Resp: 87597

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.0

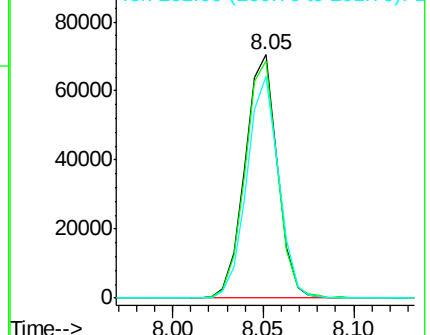
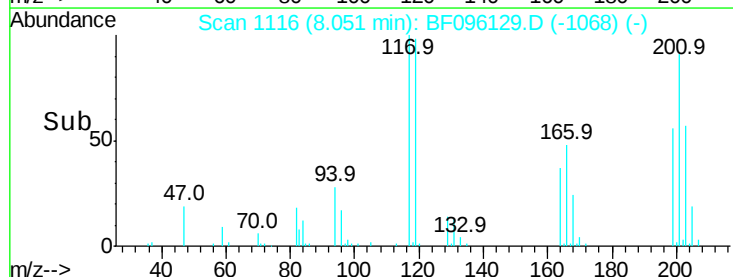
201 91.2 94.6 141.8#

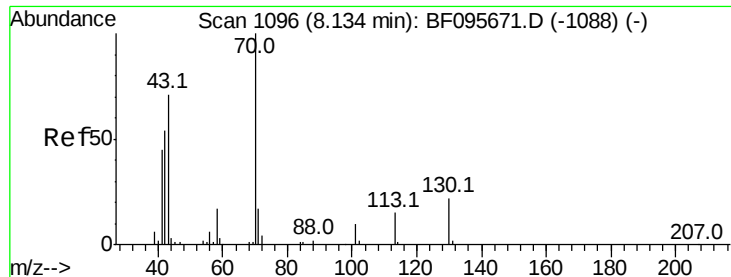


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

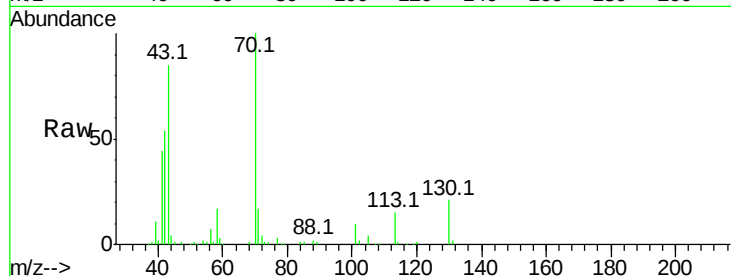




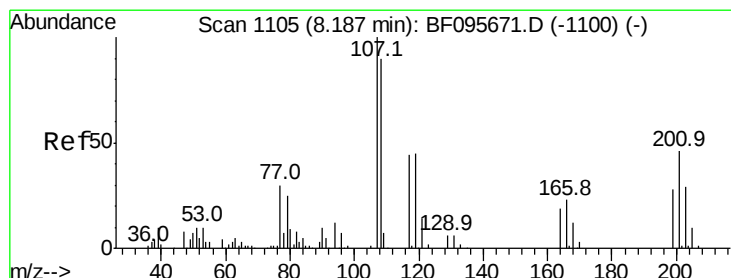
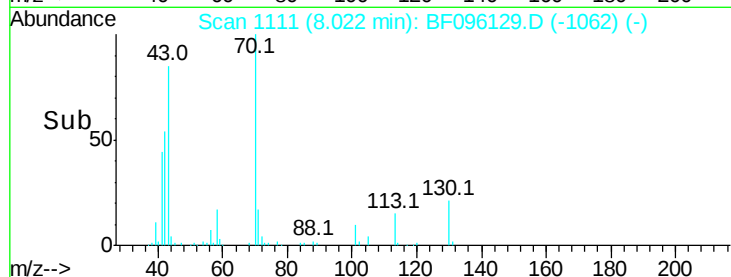
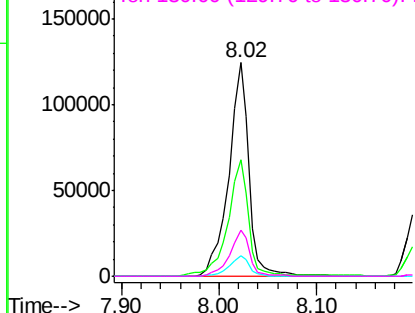
#19
n-Nitroso-di-n-propylamine
Concen: 42.05 ng
RT: 8.02 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 178985
Ion Ratio Lower Upper
70 100
42 54.4 47.2 70.8
101 9.9 7.2 10.8
130 21.3 15.9 23.9

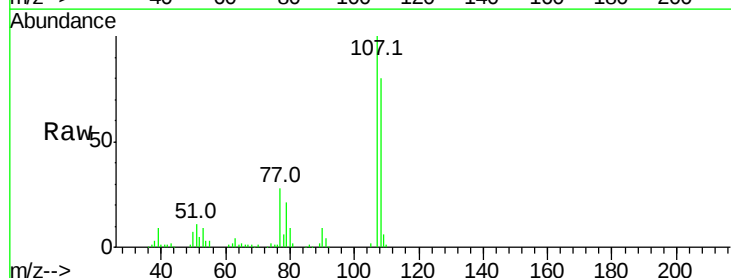


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

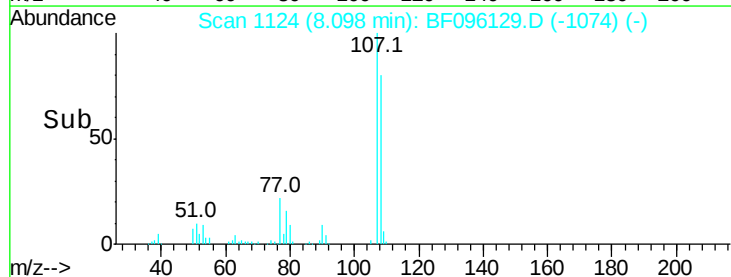
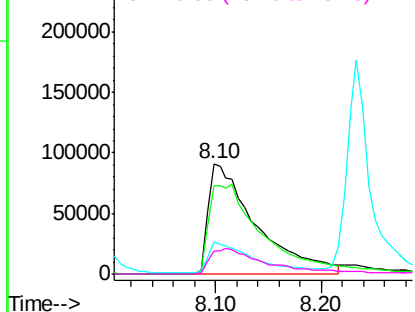


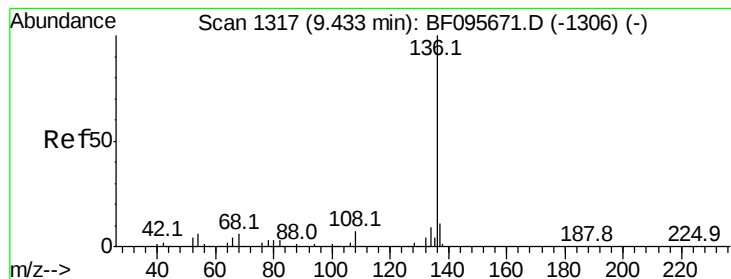
#20
3+4-Methylphenols
Concen: 45.16 ng
RT: 8.10 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion: 107 Resp: 286939
Ion Ratio Lower Upper
107 100
108 80.5 71.0 111.0
77 28.4 90.5 130.5#
79 20.6 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 356815

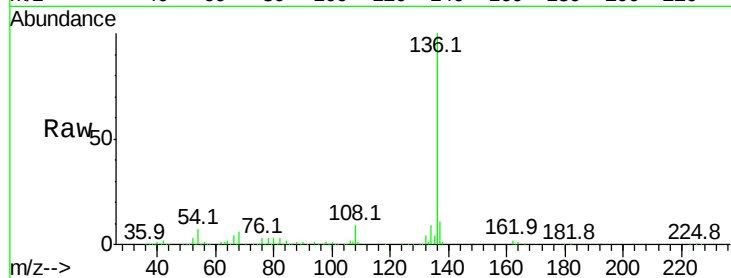
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 6.0 4.1 6.1

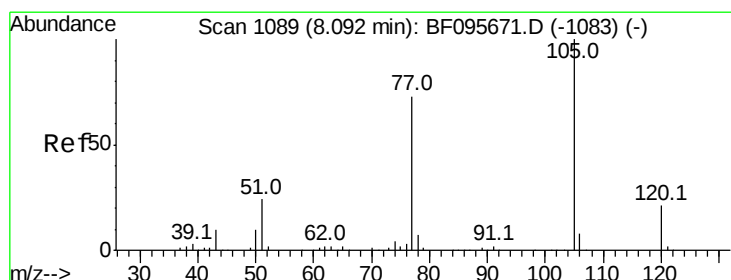
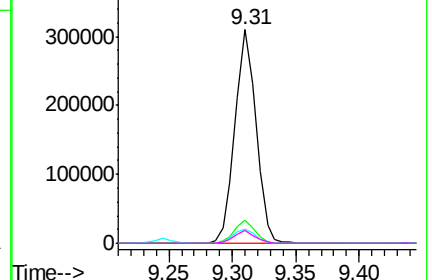
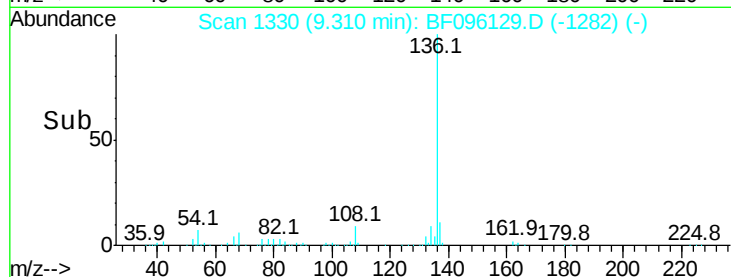


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.67 ng

RT: 7.97 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:105 Resp: 348034

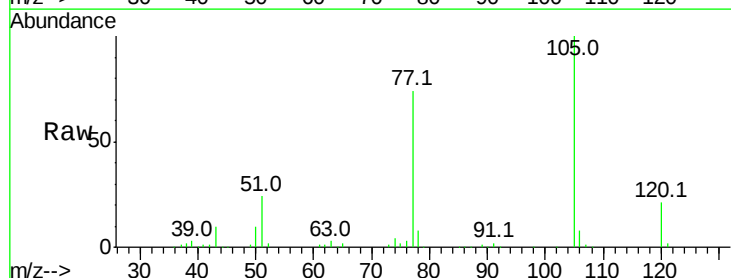
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.4 30.7 46.1#

120 21.4 17.4 26.0

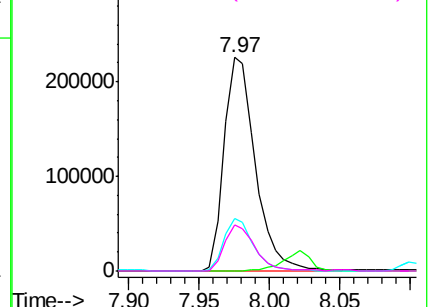
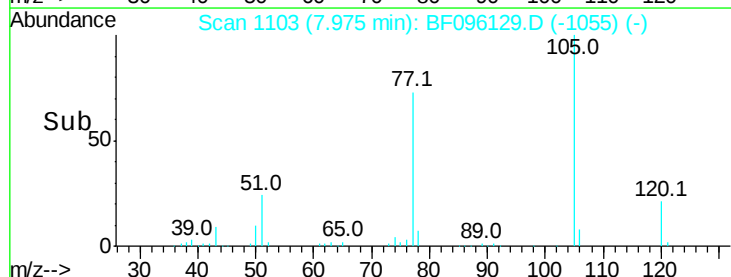


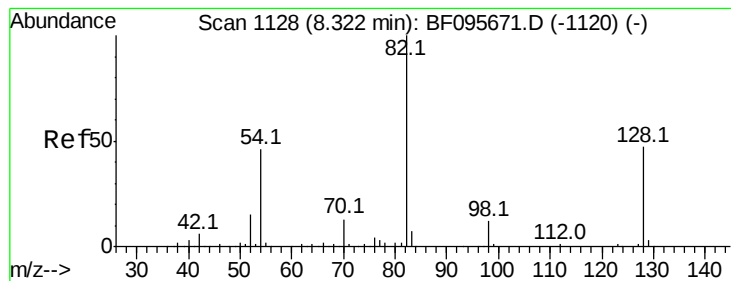
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.20 ng

RT: 8.20 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampled :

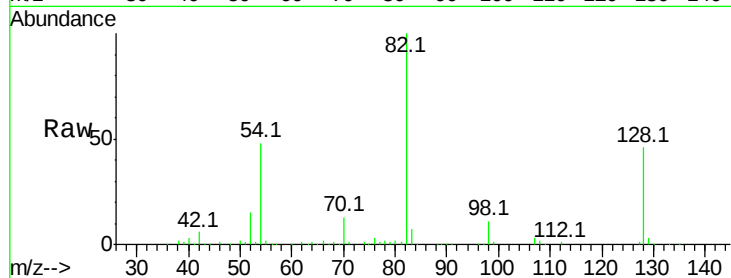
Tot Ion: 82 Resp: 523953

Ion Ratio Lower Upper

82 100

128 45.6 34.0 51.0

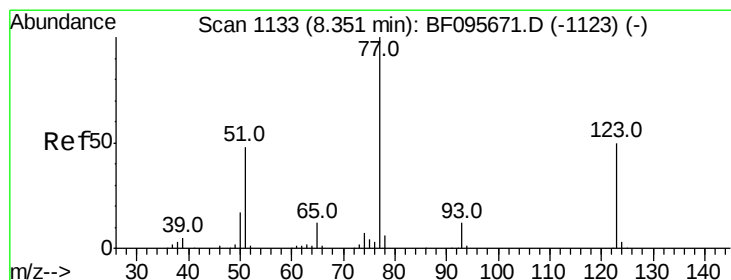
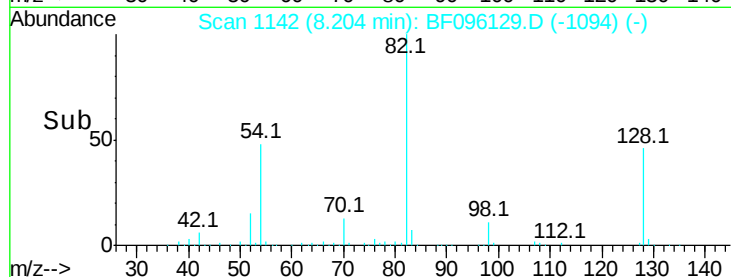
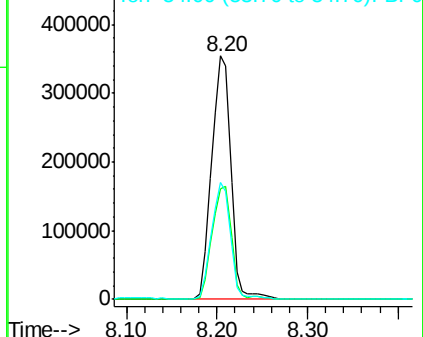
54 47.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.99 ng

RT: 8.23 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

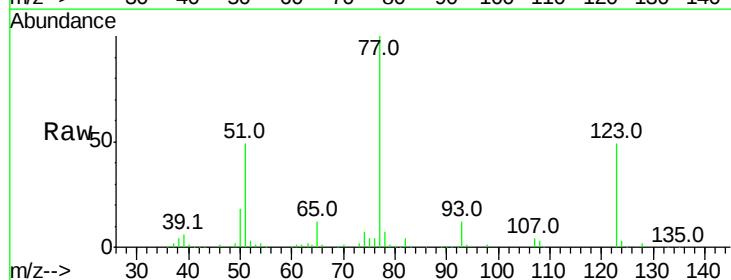
Tgt Ion: 77 Resp: 276122

Ion Ratio Lower Upper

77 100

123 48.8 35.8 53.8

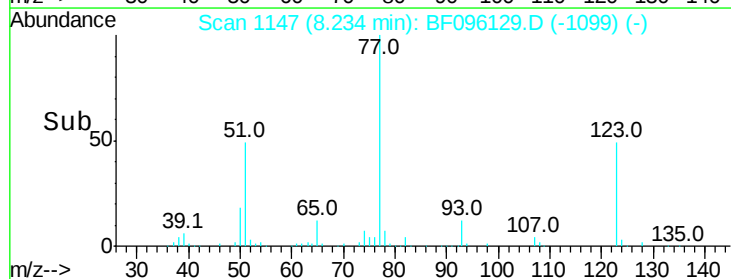
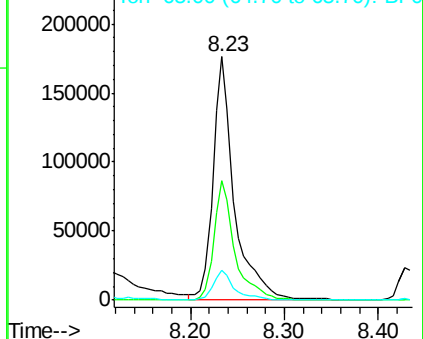
65 12.3 10.6 15.8

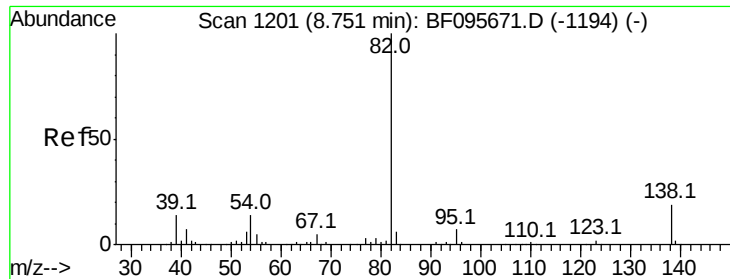


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.91 ng

RT: 8.64 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

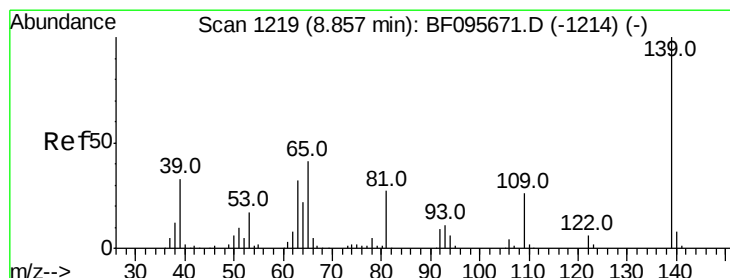
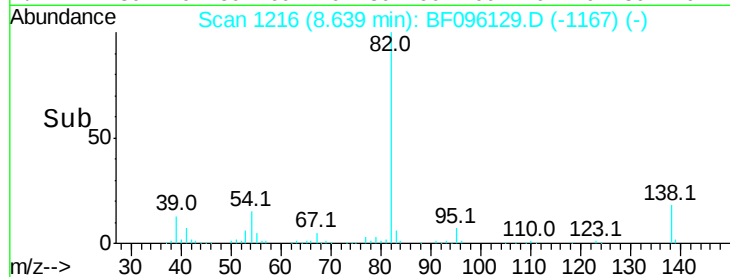
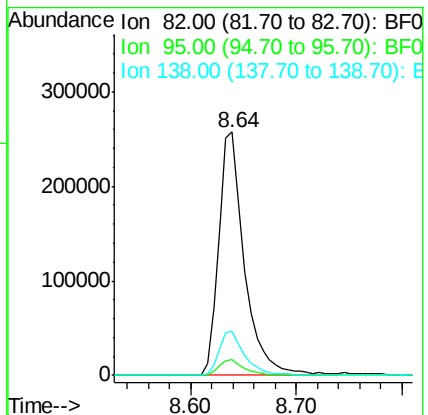
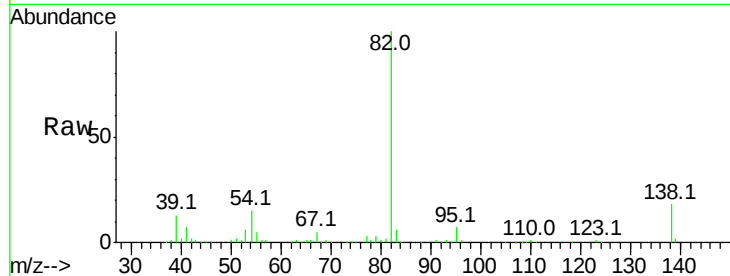
Tot Ion: 82 Resp: 438864

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 38.03 ng

RT: 8.75 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

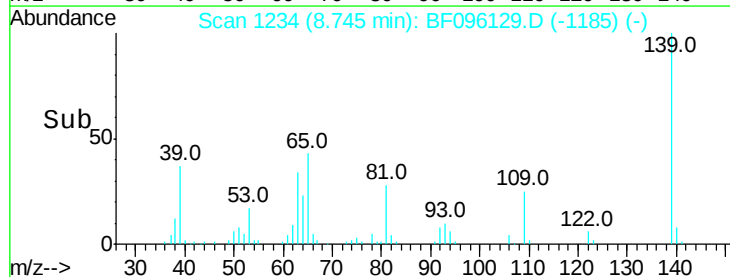
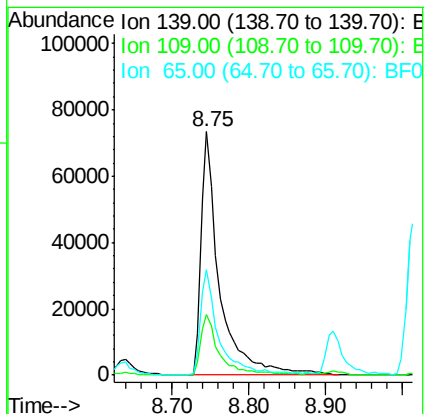
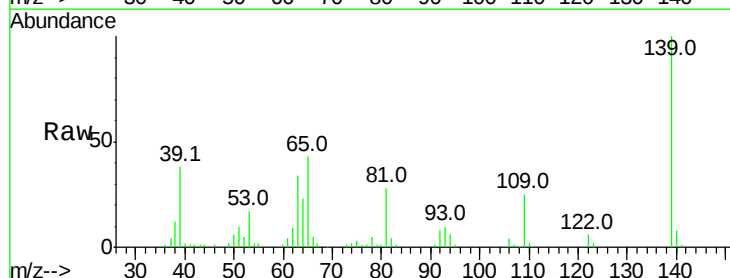
Tgt Ion: 139 Resp: 122207

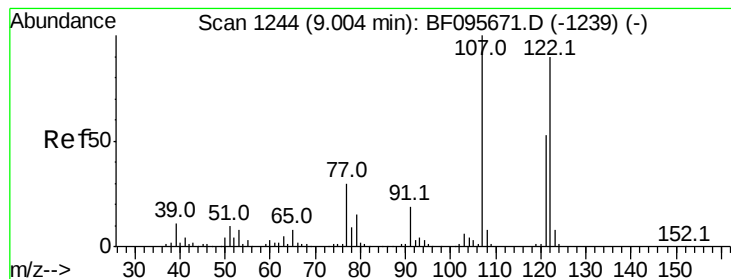
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 43.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.70 ng

RT: 8.91 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampled :

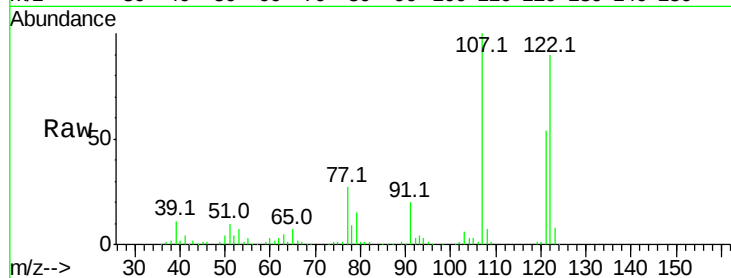
Tot Ion:122 Resp: 242891

Ion Ratio Lower Upper

122 100

107 110.6 89.2 133.8

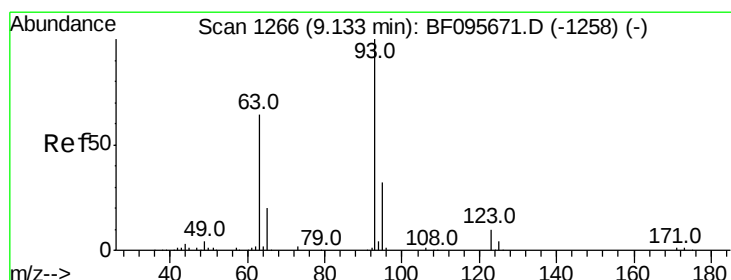
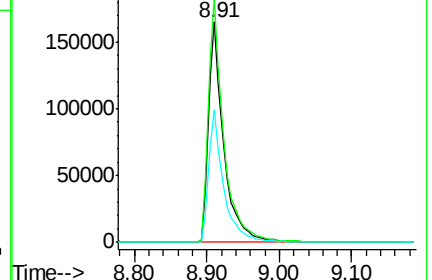
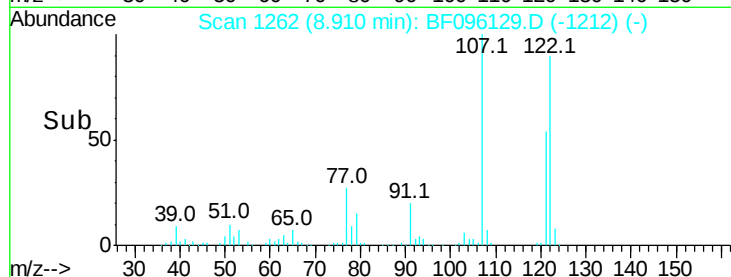
121 60.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.99 ng

RT: 9.02 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

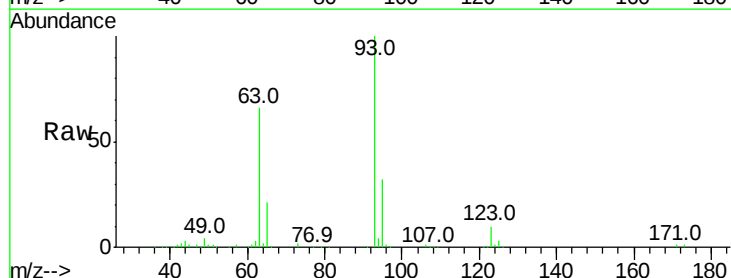
Tgt Ion: 93 Resp: 304009

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

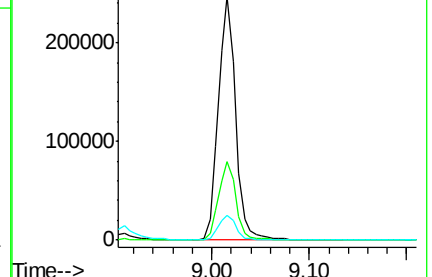
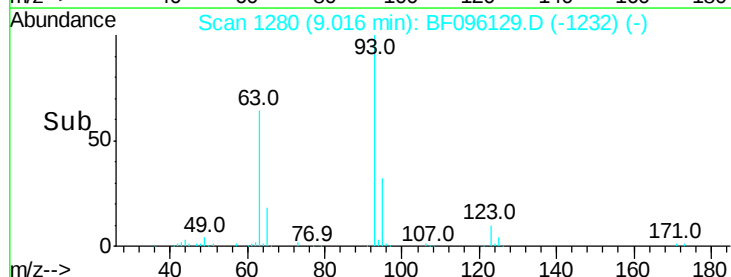
123 10.2 9.0 13.4

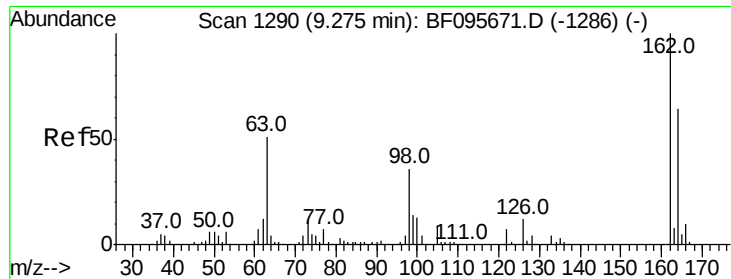


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

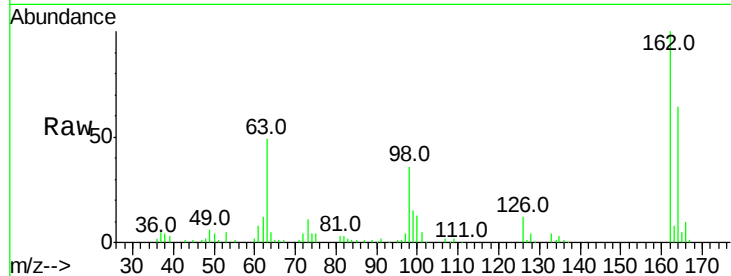




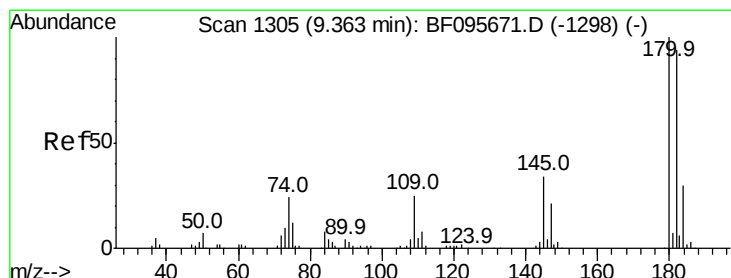
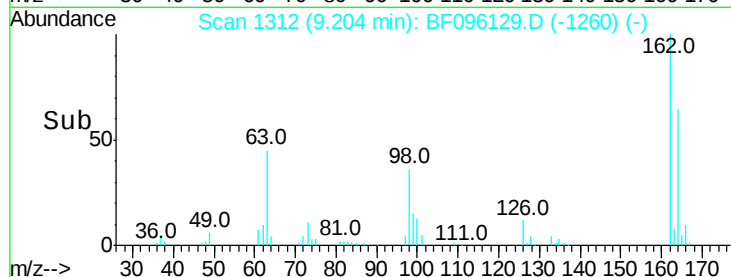
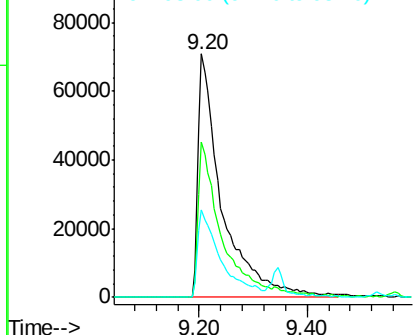
#29
 2,4-Dichlorophenol
 Concen: 45.42 ng
 RT: 9.20 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	36.0	14.8	54.8

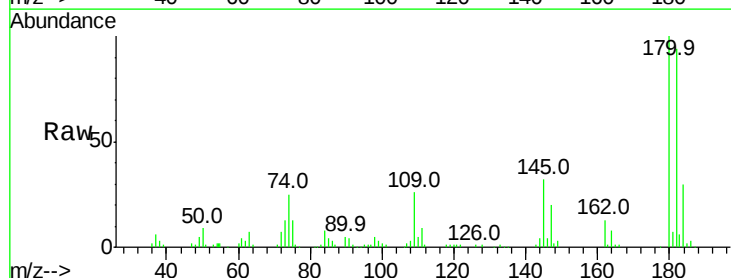


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

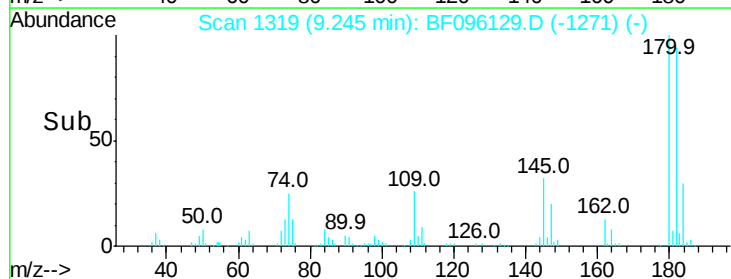
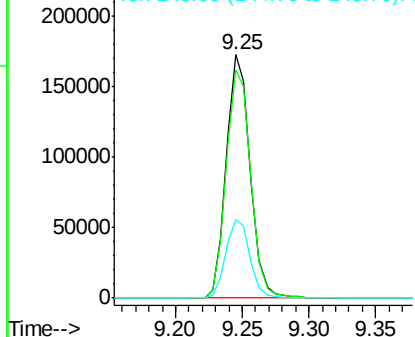


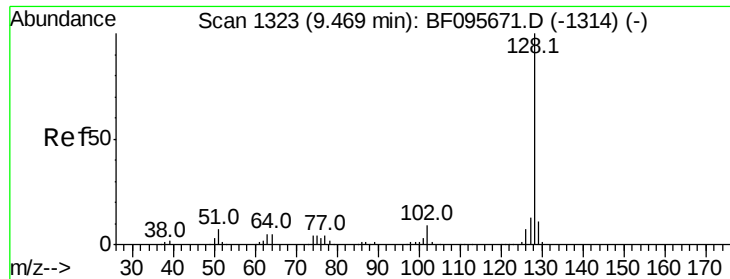
#30
 1,2,4-Trichlorobenzene
 Concen: 43.55 ng
 RT: 9.25 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	32.2	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: 42.77 ng

RT: 9.35 min Scan# 1336

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

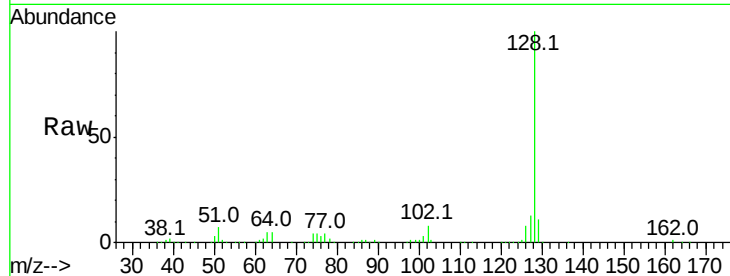
Tot Ion:128 Resp: 765983

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

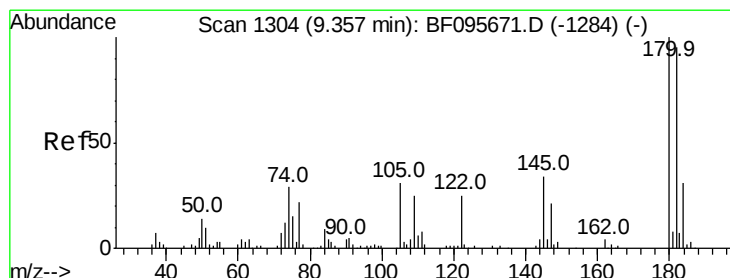
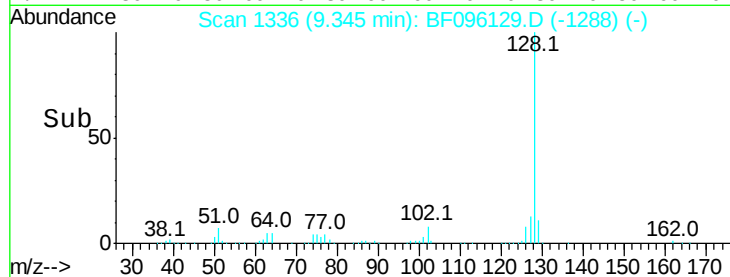
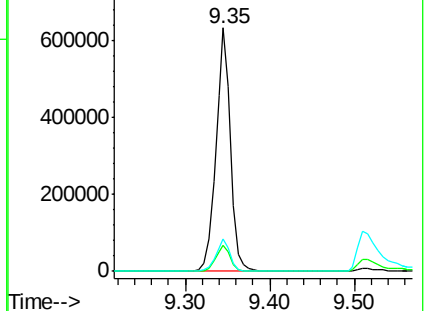
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.55 ng

RT: 9.25 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

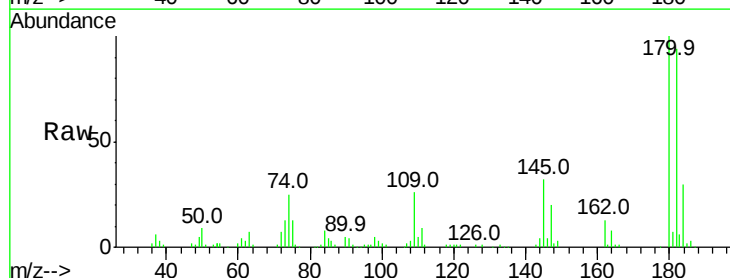
Tgt Ion:122 Resp: 1522

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

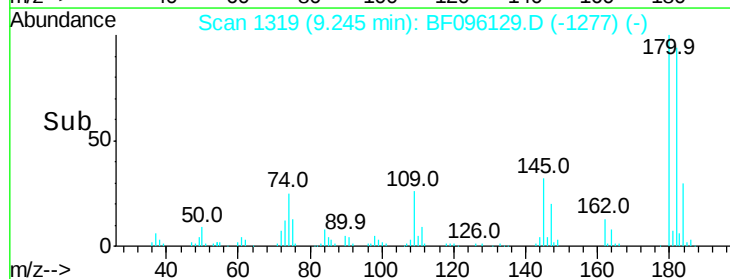
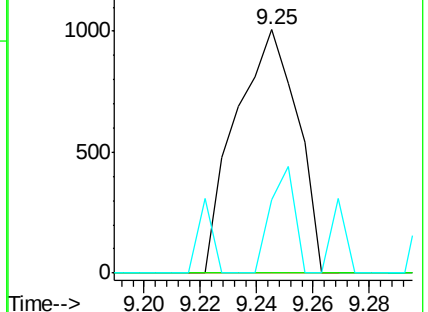
77 30.1 73.7 113.7#

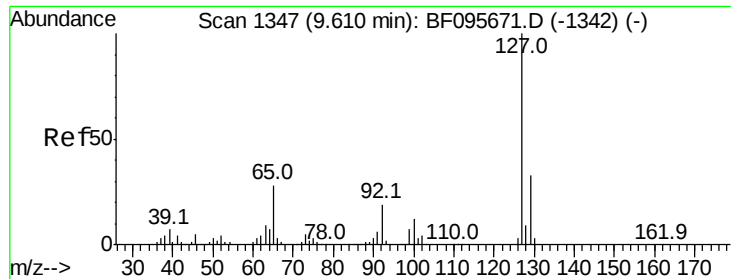


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

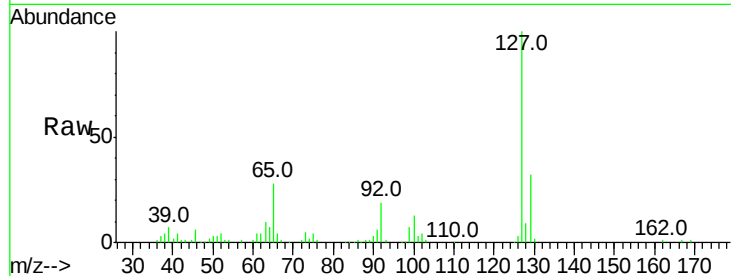




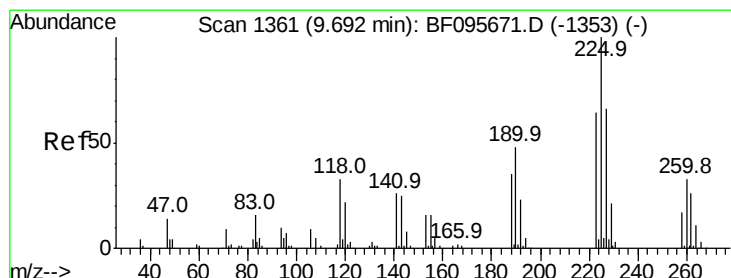
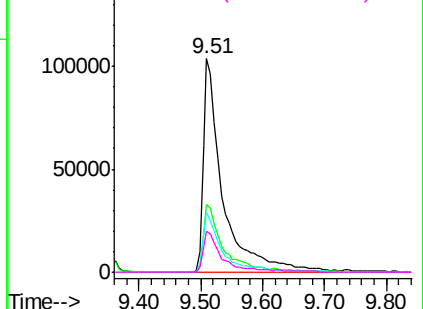
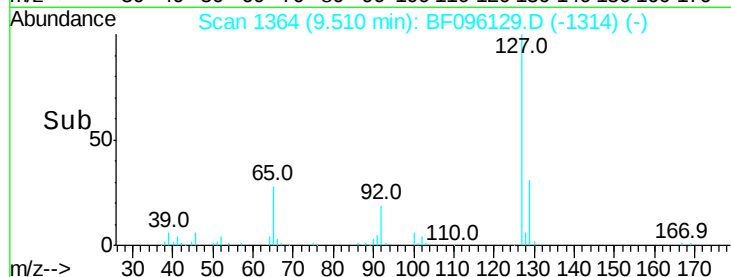
#33
 4-Chloroaniline
 Concen: 32.87 ng
 RT: 9.51 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	230064
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	28.3	27.8	41.8
92	19.1	16.8	25.2

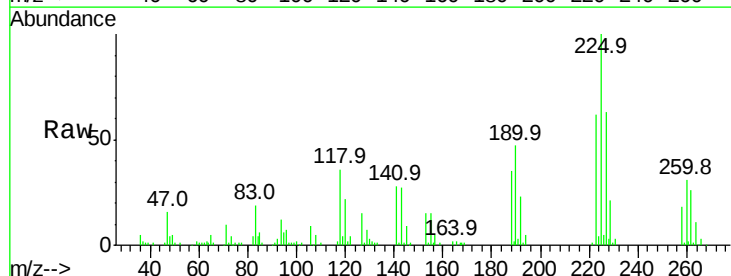


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

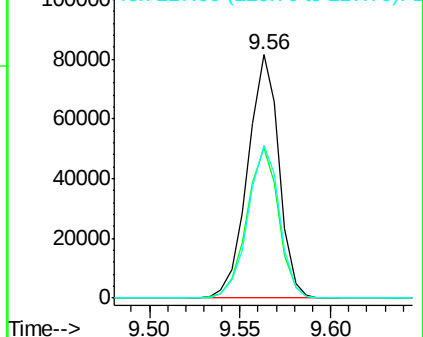
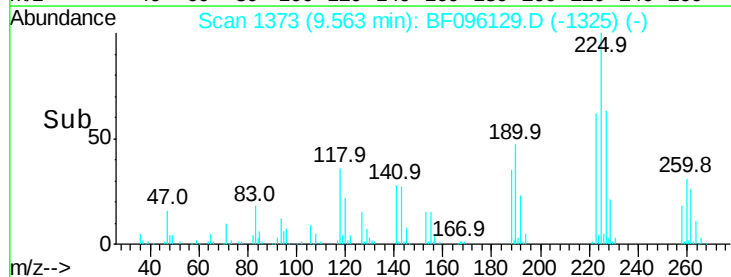


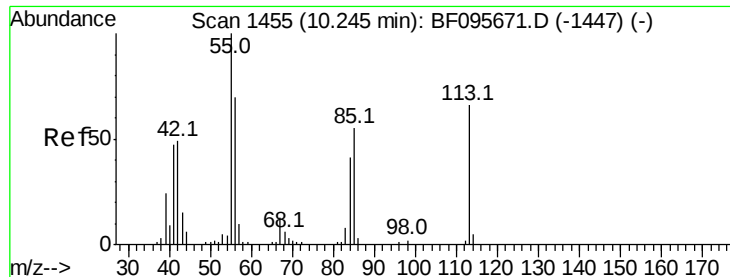
#34
 Hexachlorobutadiene
 Concen: 37.75 ng
 RT: 9.56 min Scan# 1373
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:	225	Resp:	97499
Ion	Ratio	Lower	Upper
225	100		
223	61.6	48.8	73.2
227	62.9	51.1	76.7



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





#35

Caprolactam

Concen: 27.99 ng

RT: 10.13 min Scan# 1469

Delta R.T. -0.04 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

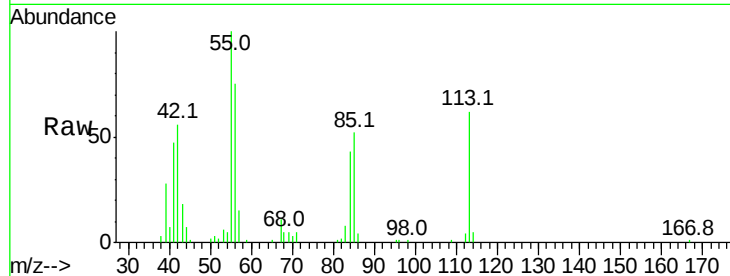
Tot Ion:113 Resp: 40009

Ion Ratio Lower Upper

113 100

55 162.4 150.2 190.2

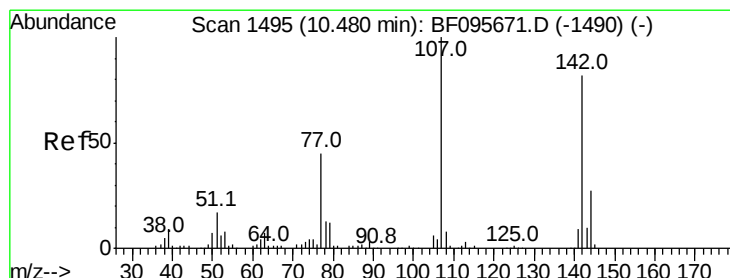
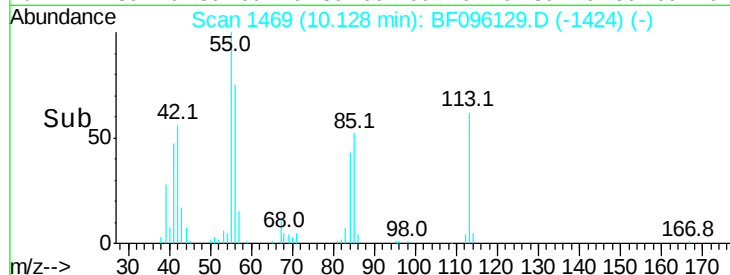
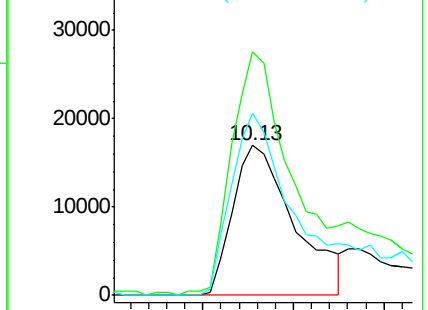
56 121.9 107.8 147.8



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: 46.41 ng

RT: 10.40 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

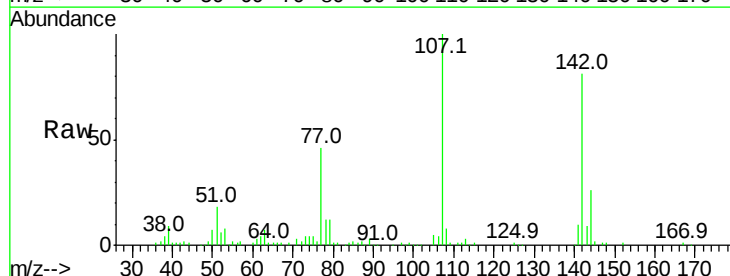
Tgt Ion:107 Resp: 233348

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

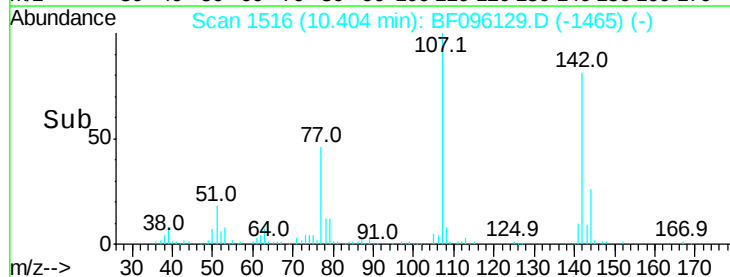
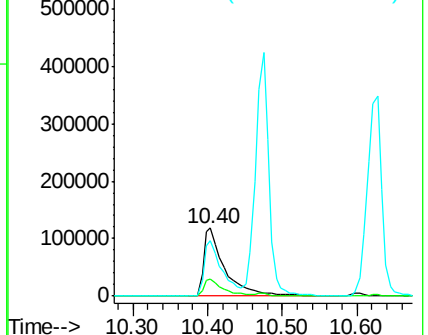
142 80.9 73.4 110.0

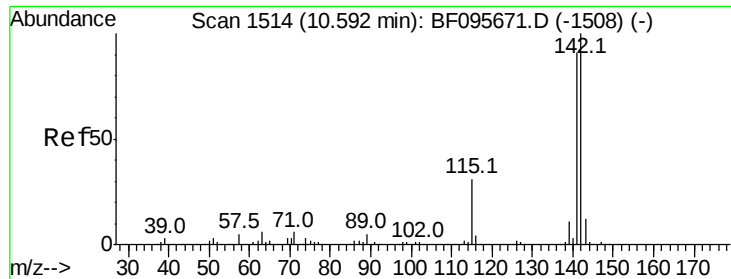


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

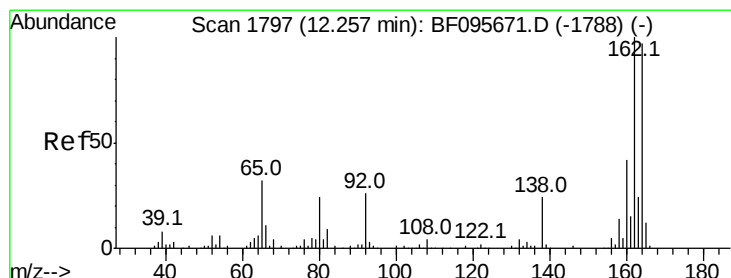
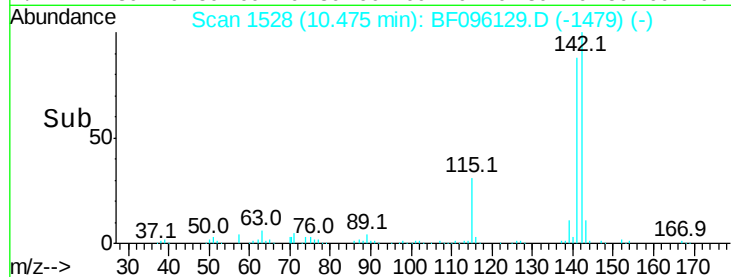
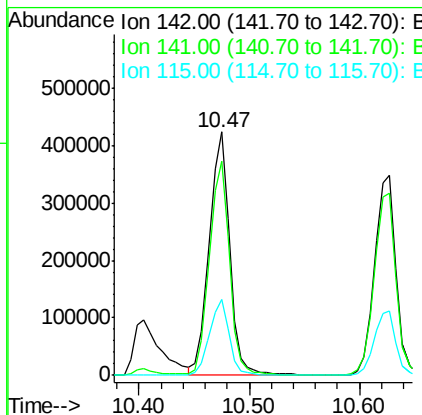
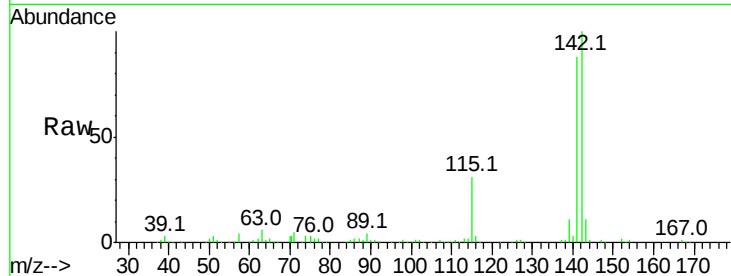




#37
 2-Methylnaphthalene
 Concen: 44.54 ng
 RT: 10.47 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

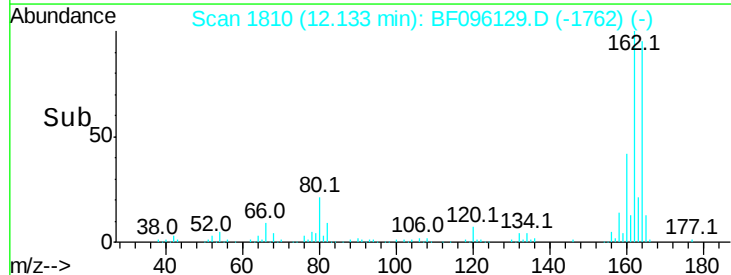
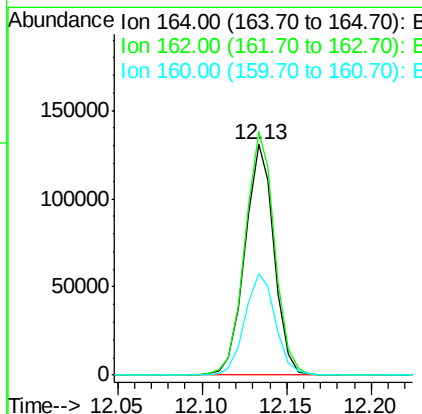
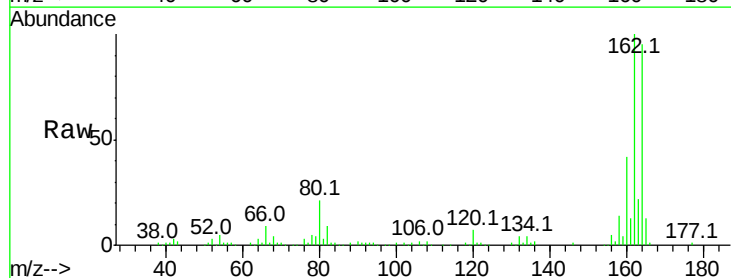
Instrument :
 BNA_F
 ClientSampled :

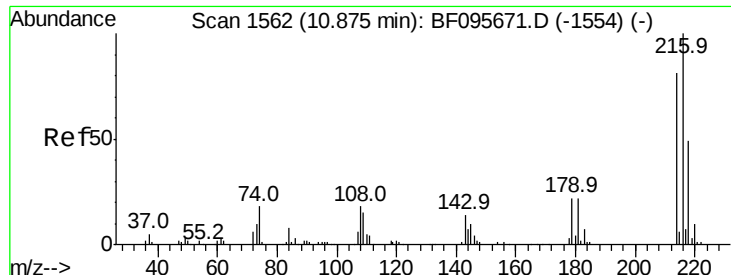
Tot Ion:142 Resp: 538882
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.3 106.9
 115 31.3 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:164 Resp: 156683
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.6 123.8
 160 44.2 36.2 54.2

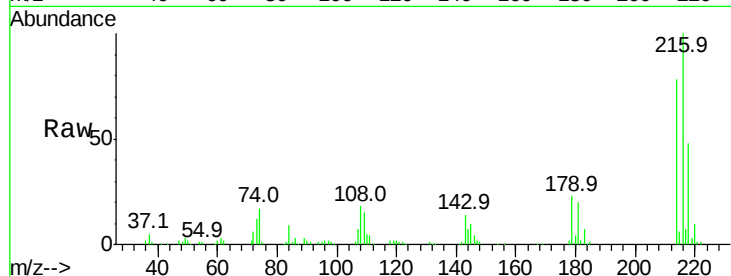




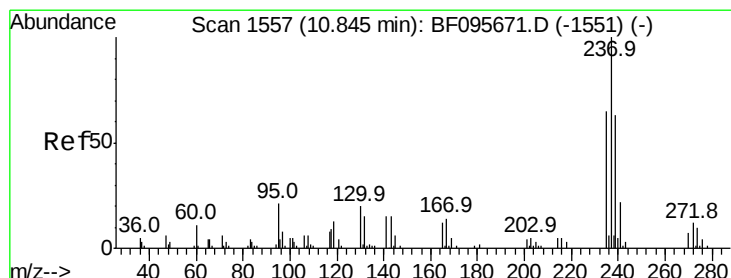
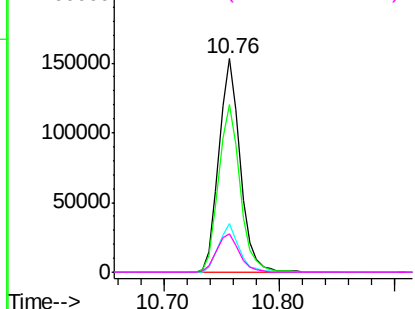
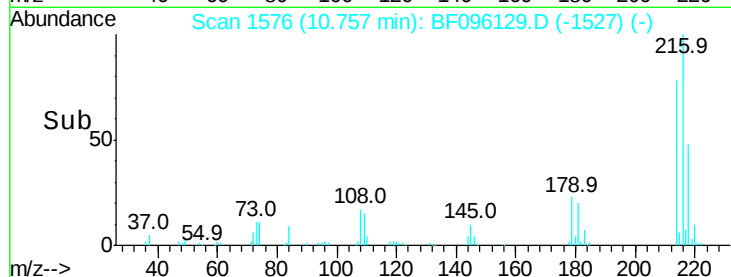
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.85 ng
 RT: 10.76 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	196258
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	21.7	17.9	26.9
108	18.6	16.5	24.7

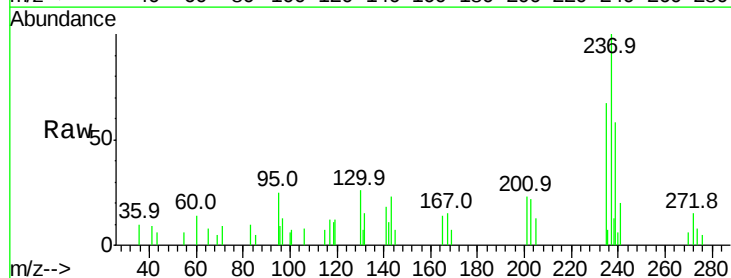


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

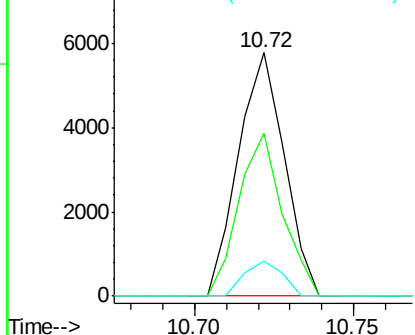
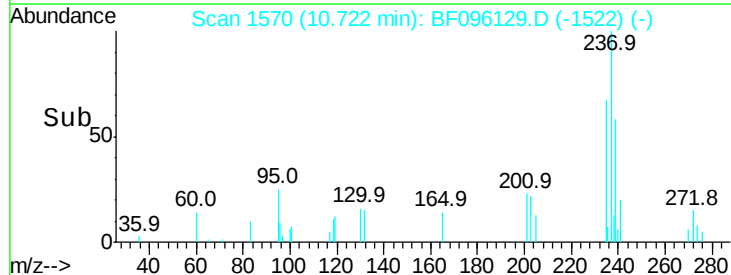


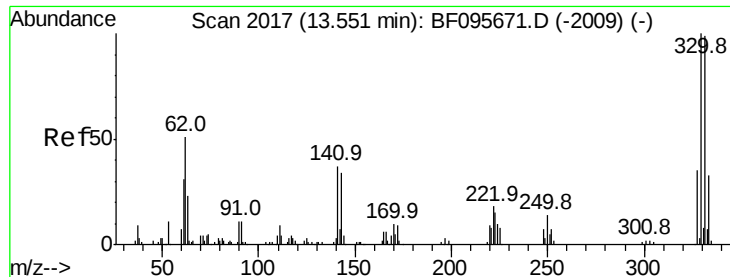
#40
 Hexachlorocyclopentadiene
 Concen: 14.64 ng
 RT: 10.72 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:	237	Resp:	5806
Ion	Ratio	Lower	Upper
237	100		
235	74.1	42.6	82.6
272	14.5	0.0	31.9



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

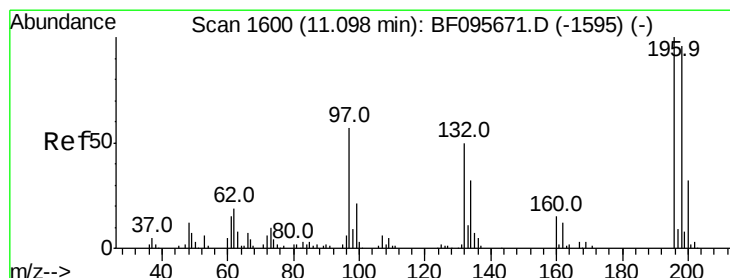
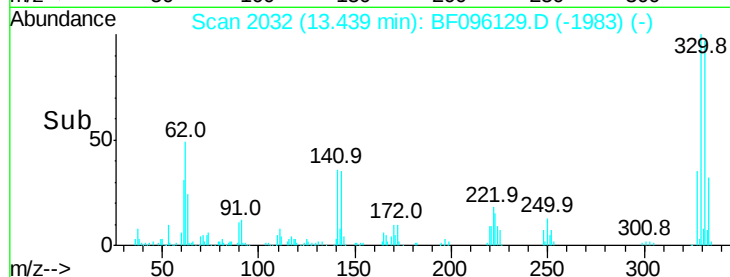
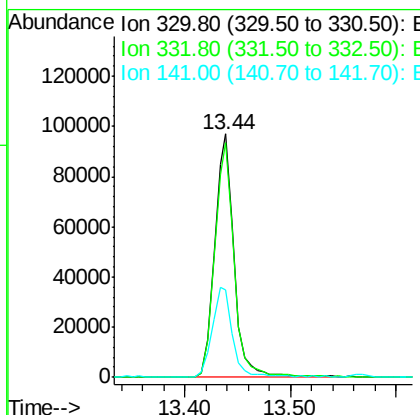
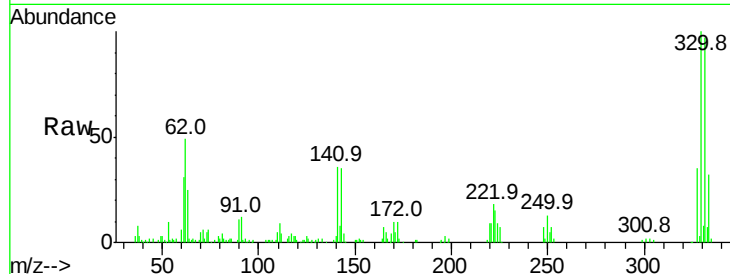




#41
 2,4,6-Tribromophenol
 Concen: 90.49 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

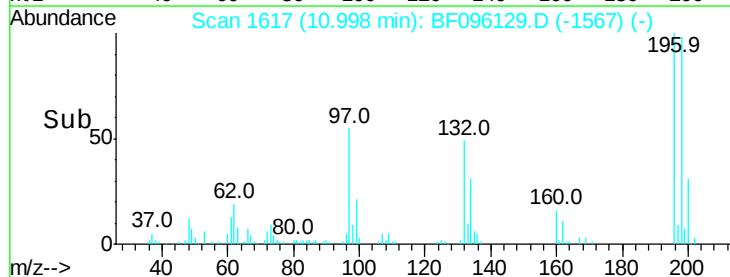
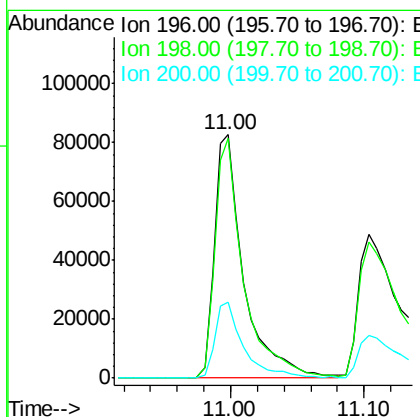
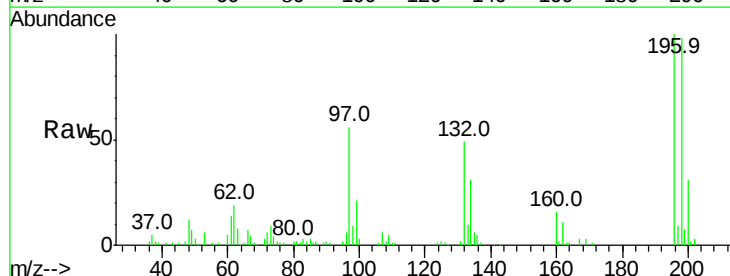
Instrument :
 BNA_F
 ClientSampleId :

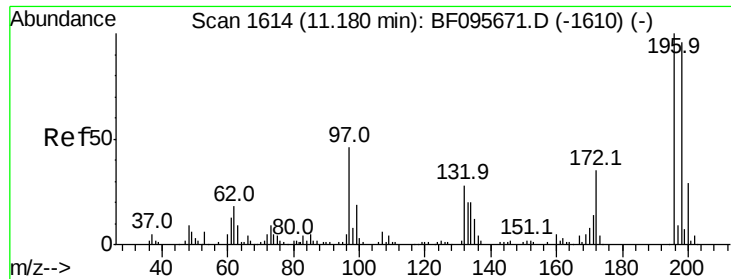
Tot Ion:330 Resp: 125443
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 39.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.41 ng
 RT: 11.00 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:196 Resp: 127866
 Ion Ratio Lower Upper
 196 100
 198 98.3 74.2 111.4
 200 31.0 24.0 36.0

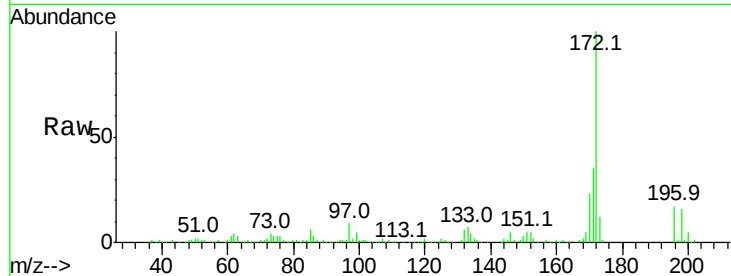




#43
 2,4,5-Trichlorophenol
 Concen: 39.30 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	126020
Ion Ratio	100	Lower	Upper
196	100		
198	94.6	75.7	113.5
97	49.9	47.7	71.5
132	32.7	28.0	42.0



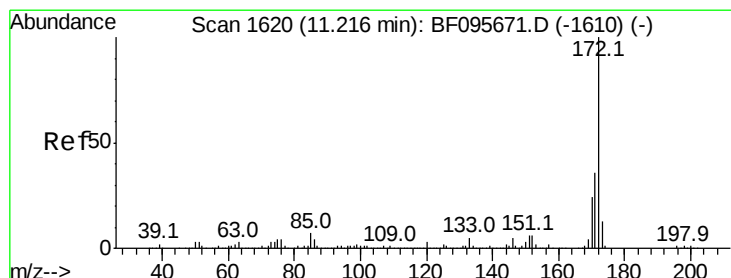
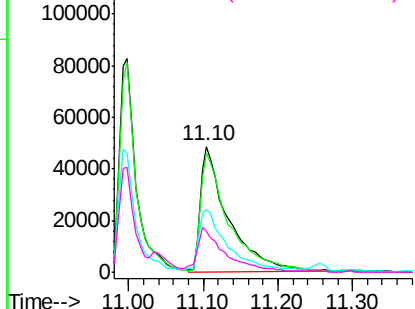
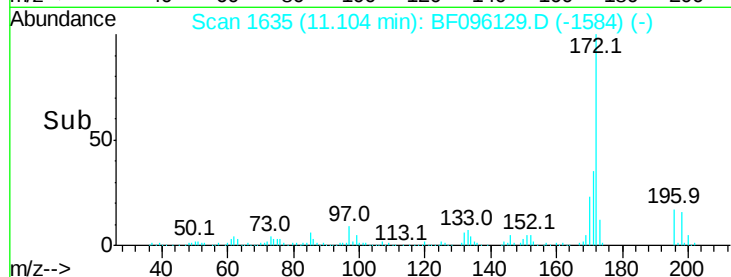
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

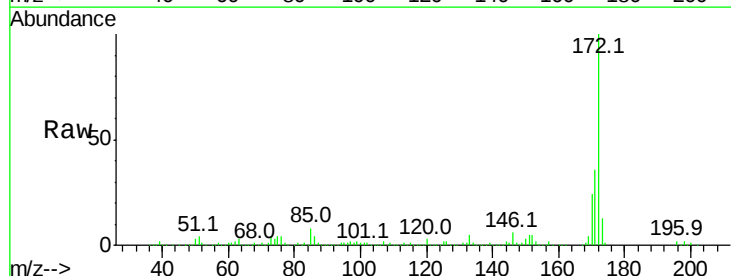
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.71 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	172	Resp	908714
Ion Ratio	100	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8

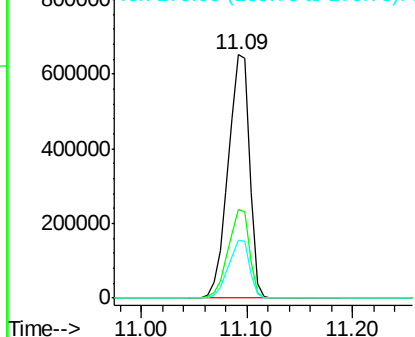
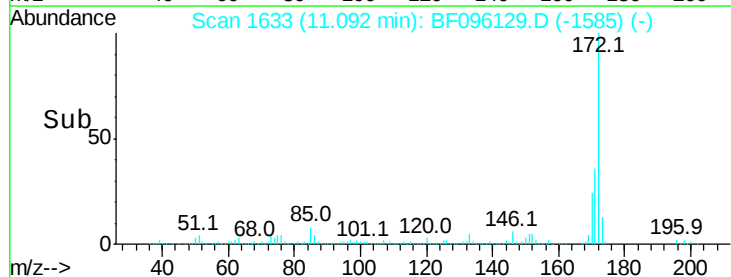


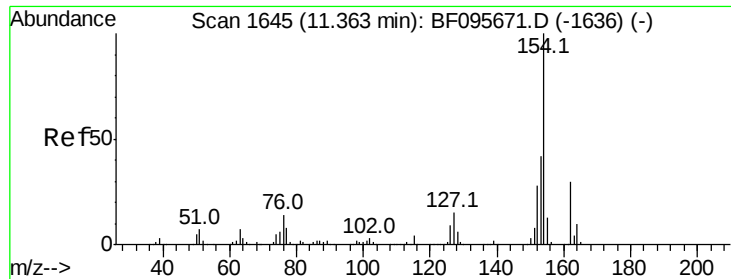
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.42 ng

RT: 11.25 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampled :

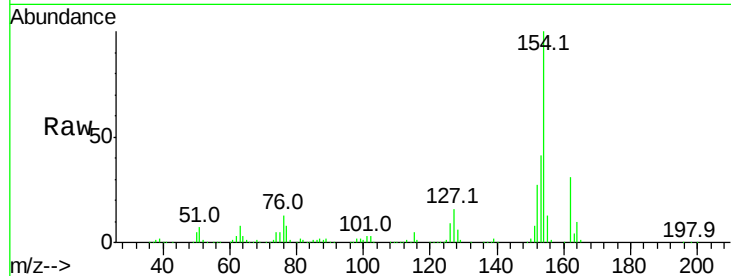
Tot Ion:154 Resp: 547828

Ion Ratio Lower Upper

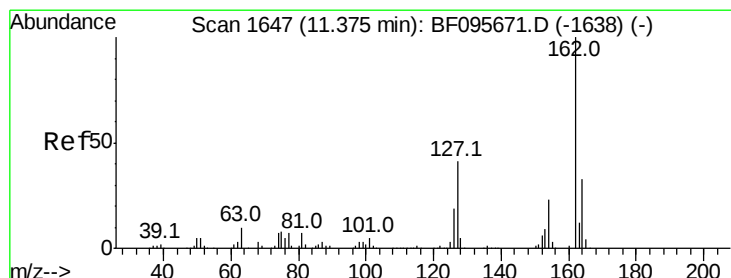
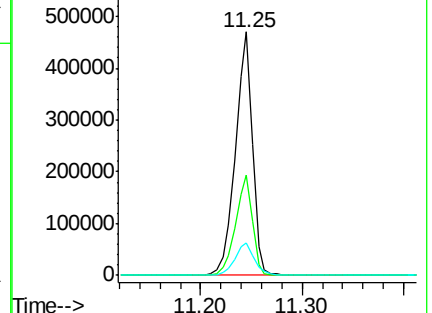
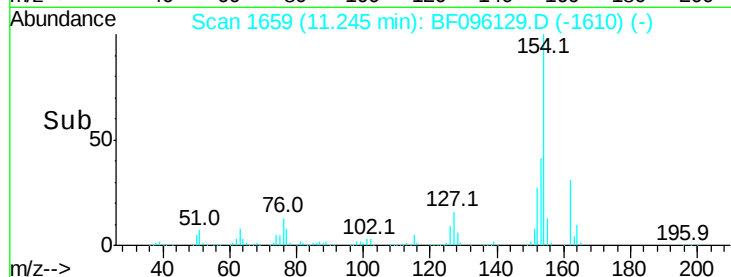
154 100

153 41.2 21.2 61.2

76 13.4 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: 42.55 ng

RT: 11.26 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

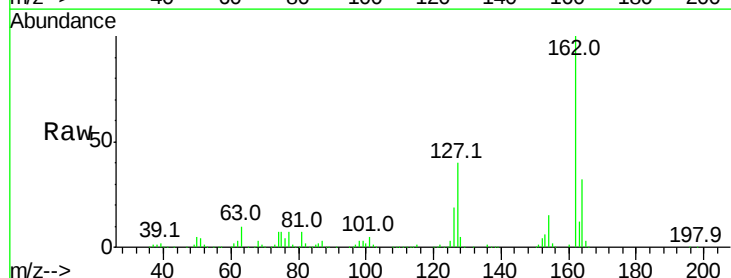
Tgt Ion:162 Resp: 429365

Ion Ratio Lower Upper

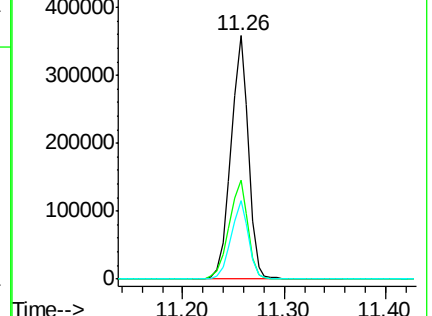
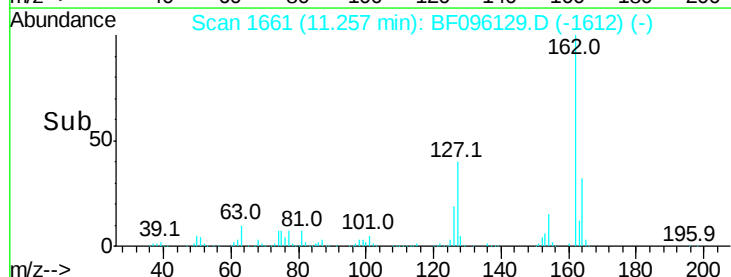
162 100

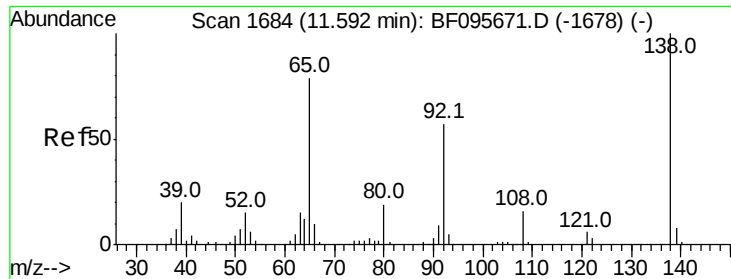
127 40.5 28.3 42.5

164 32.5 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

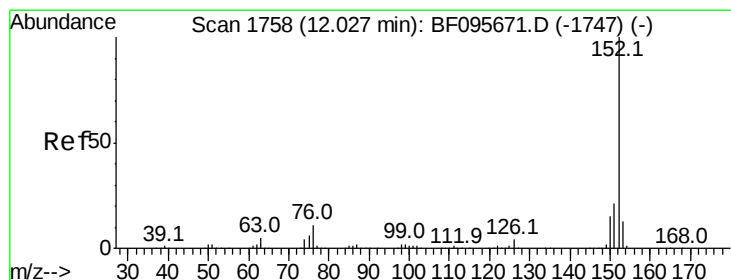
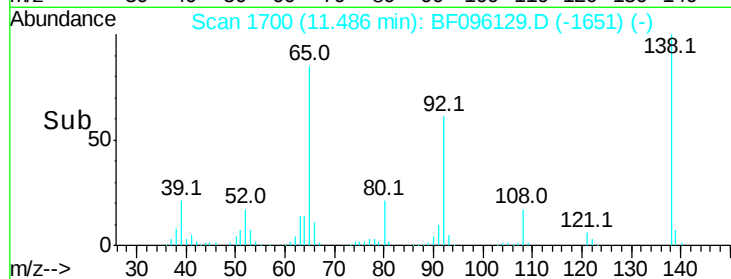
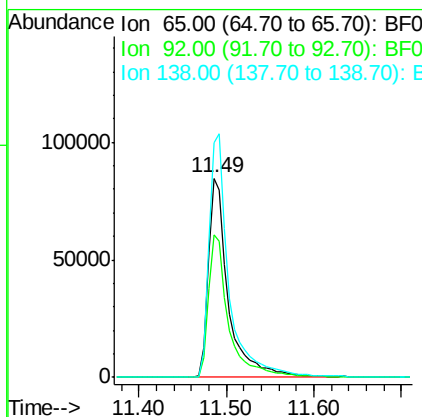
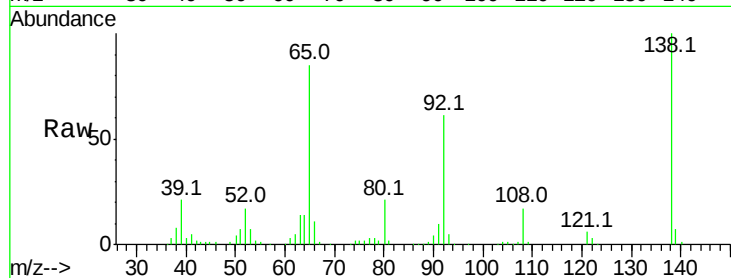




#47
2-Nitroaniline
Concen: 45.76 ng
RT: 11.49 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

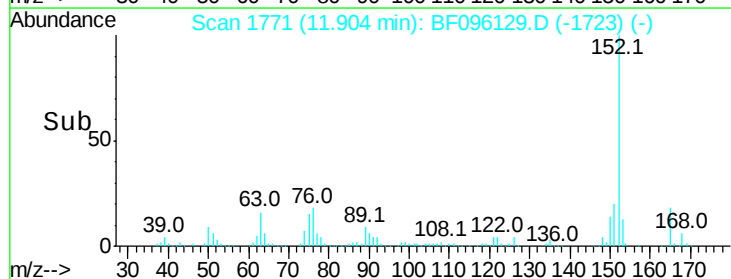
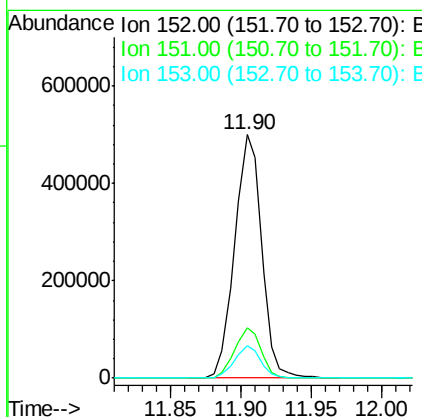
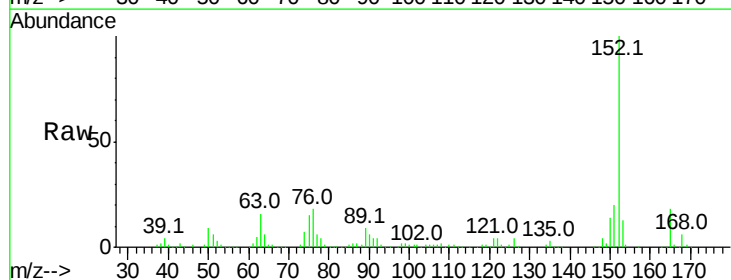
Instrument :
BNA_F
ClientSampleId :

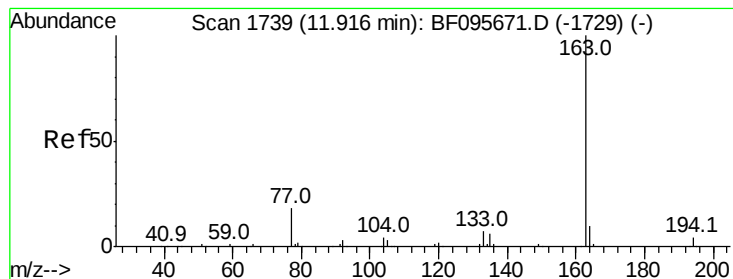
Tot Ion: 65 Resp: 135099
Ion Ratio Lower Upper
65 100
92 71.5 53.9 80.9
138 117.5 78.8 118.2



#48
Acenaphthylene
Concen: 38.69 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:152 Resp: 667549
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 61.58 ng

RT: 11.81 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

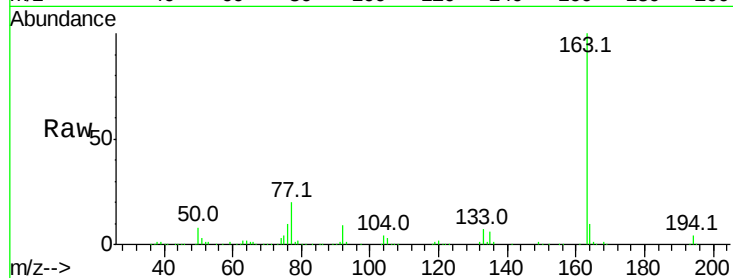
Tot Ion:163 Resp: 732581

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

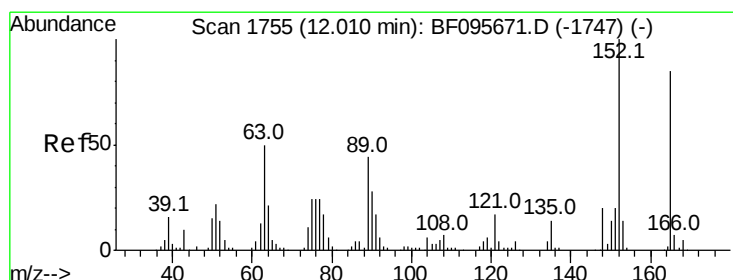
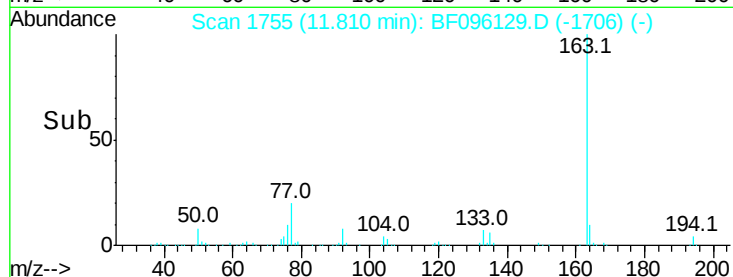
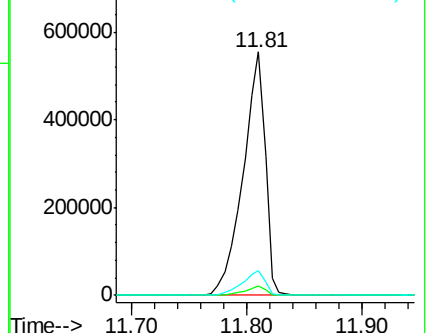
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.91 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

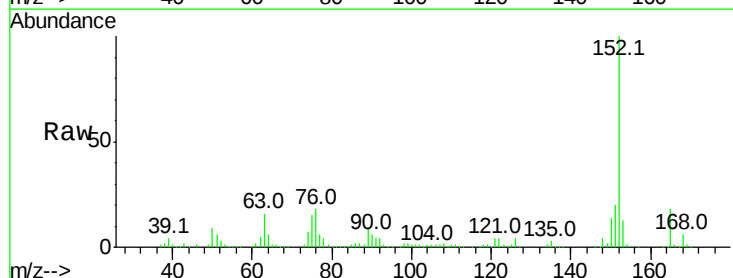
Tgt Ion:165 Resp: 100958

Ion Ratio Lower Upper

165 100

63 89.2 34.3 51.5#

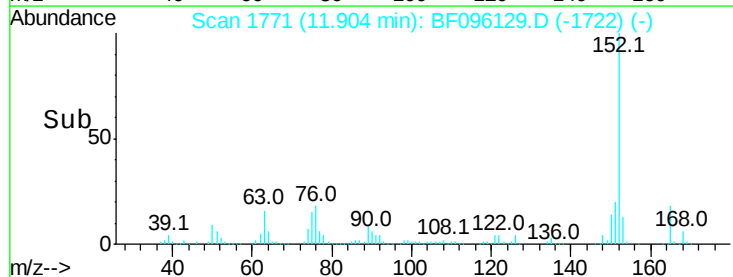
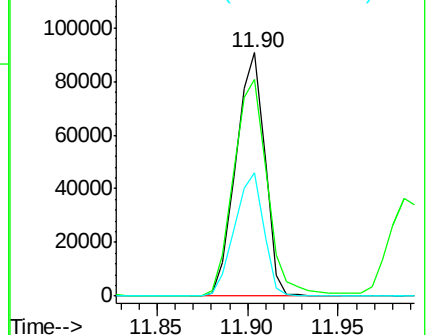
89 50.6 37.1 55.7

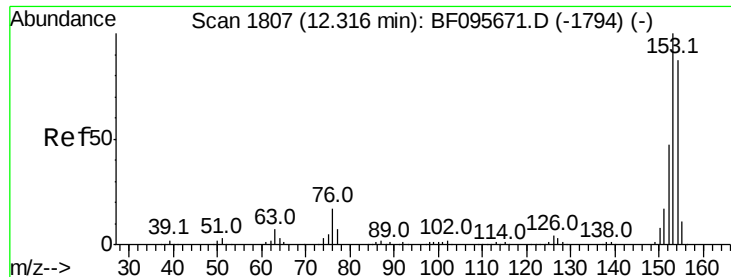


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.25 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

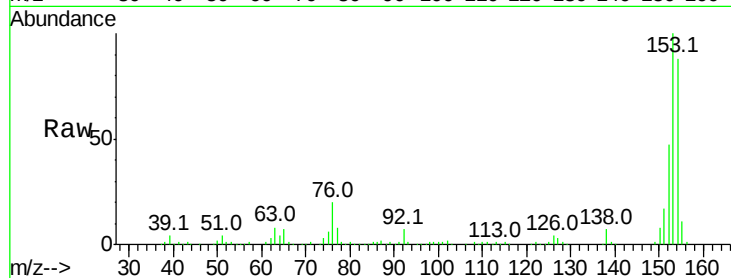
Tot Ion:154 Resp: 401046

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

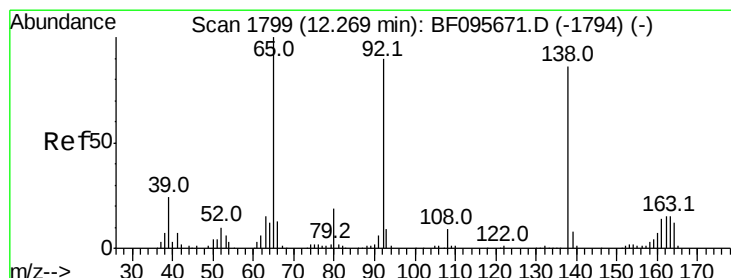
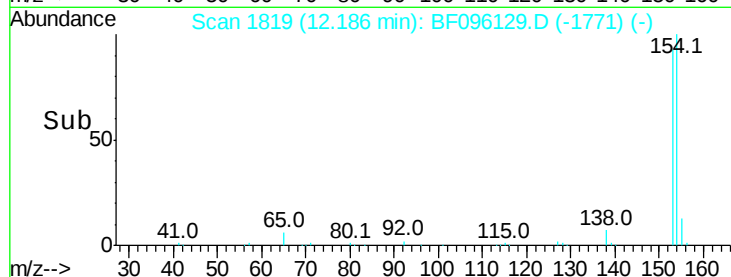
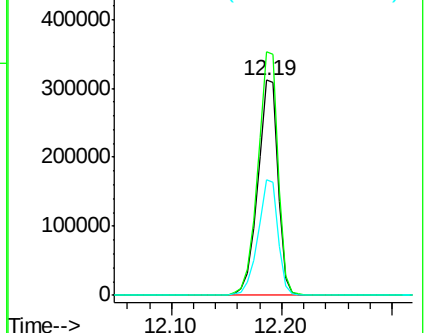
152 53.6 43.6 65.4



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: 39.51 ng

RT: 12.17 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

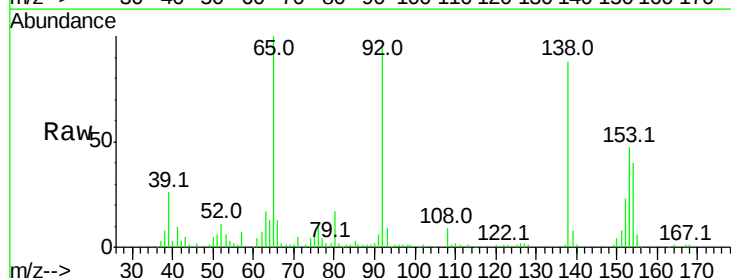
Tgt Ion:138 Resp: 119451

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

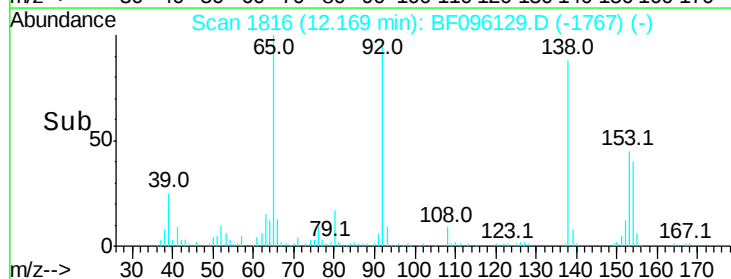
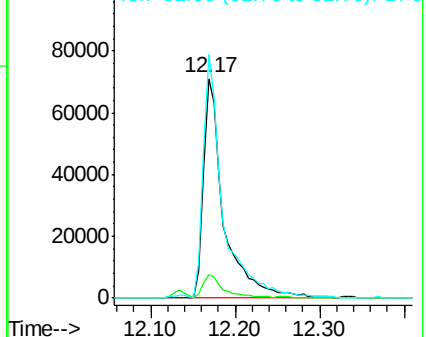
92 110.8 93.8 140.6

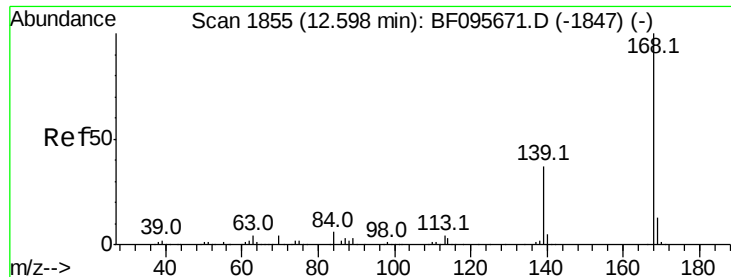


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 37.24 ng

RT: 12.47 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

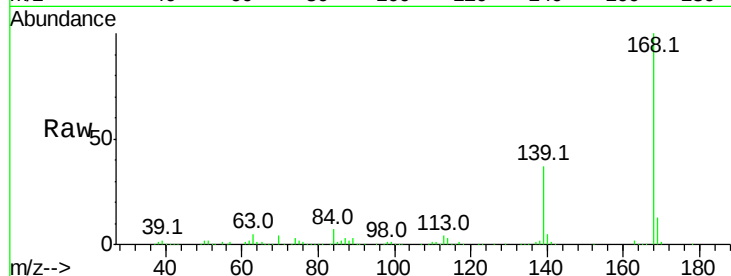
Tot Ion:168 Resp: 522282

Ion Ratio Lower Upper

168 100

139 37.0 30.6 45.8

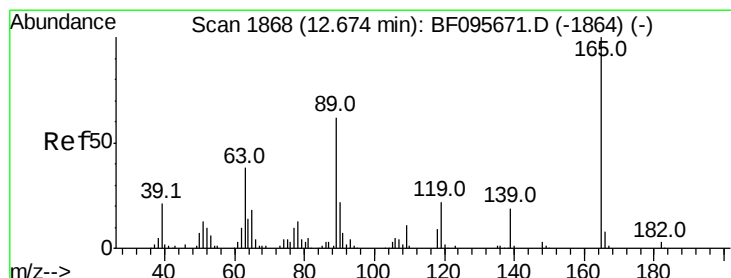
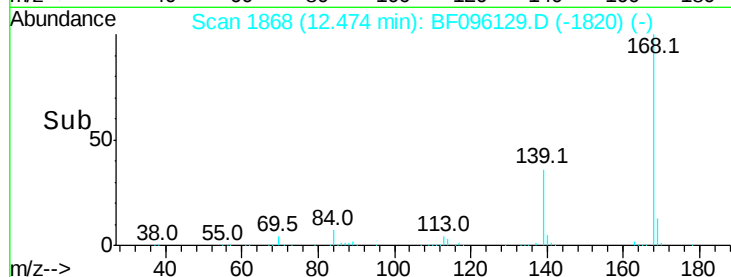
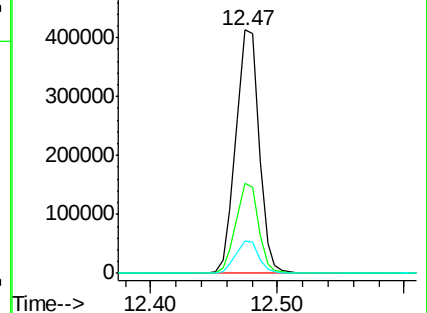
169 13.2 10.8 16.2



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: 47.89 ng

RT: 12.62 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

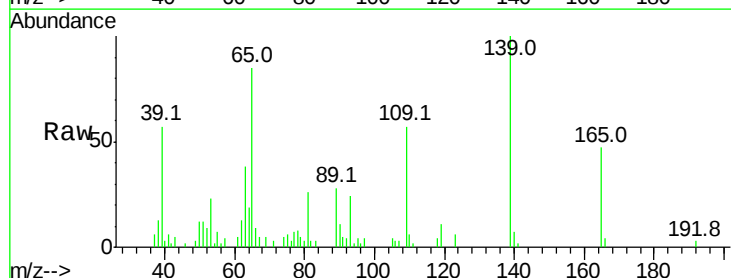
Tgt Ion:139 Resp: 81050

Ion Ratio Lower Upper

139 100

109 57.2 34.1 74.1

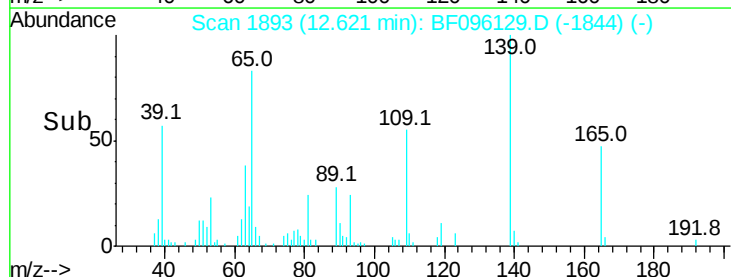
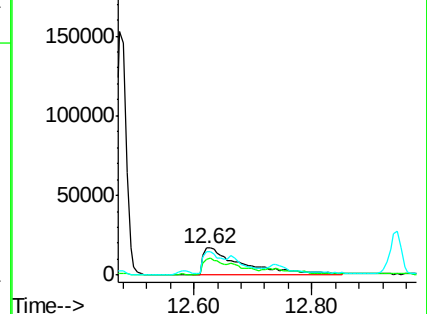
65 85.4 31.4 71.4#

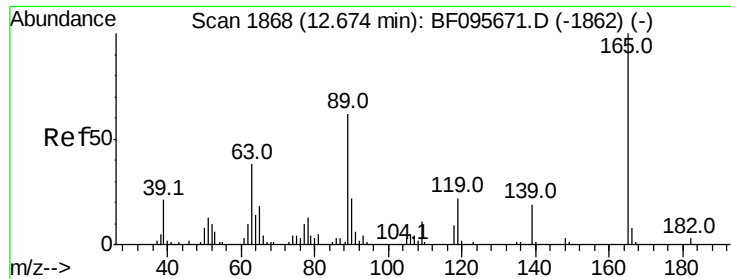


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

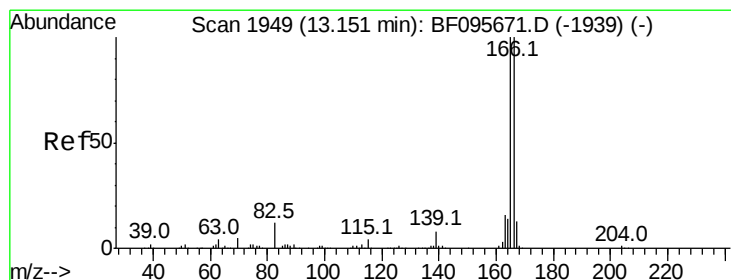
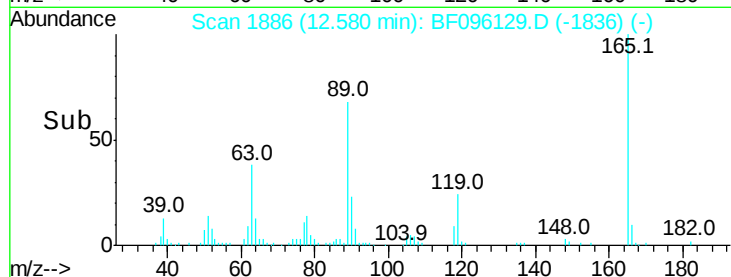
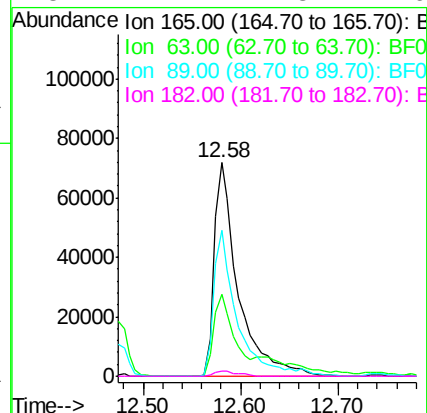
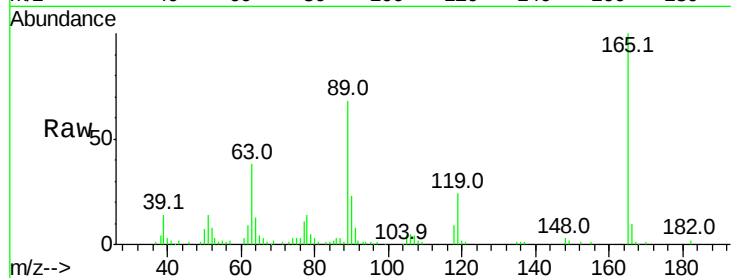




#56
 2,4-Dinitrotoluene
 Concen: 34.87 ng
 RT: 12.58 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

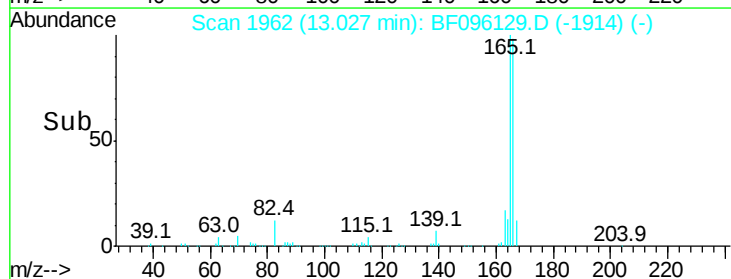
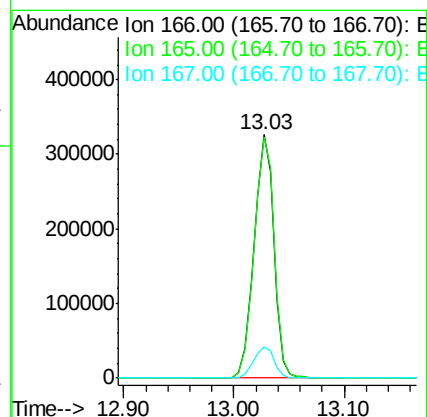
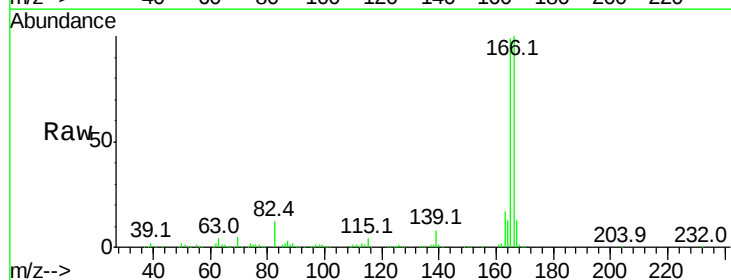
Instrument :
 BNA_F
 ClientSampleId :

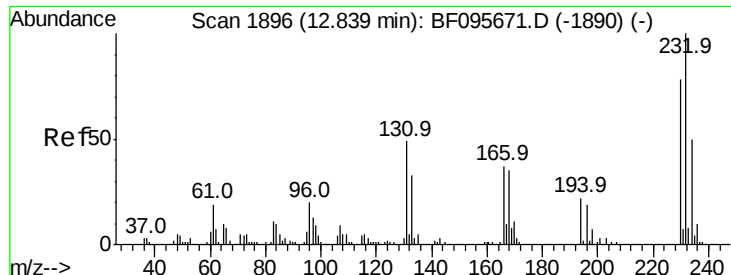
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.3	25.4	38.0#
89	68.3	46.4	69.6
182	2.2	1.8	2.6



#57
 Fluorene
 Concen: 33.84 ng
 RT: 13.03 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.8	118.2
167	13.0	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 29.73 ng

RT: 12.74 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 65226

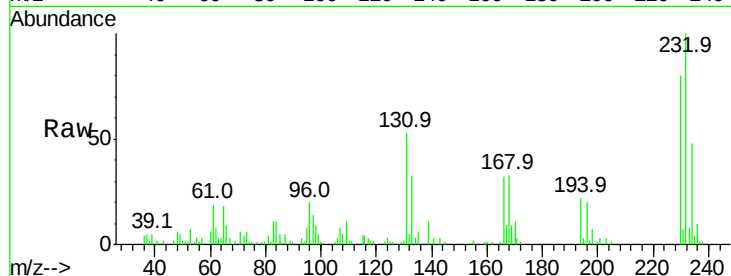
Ion Ratio Lower Upper

232 100

131 47.9 44.8 67.2

130 1.9 2.3 3.5#

166 35.8 29.0 43.4

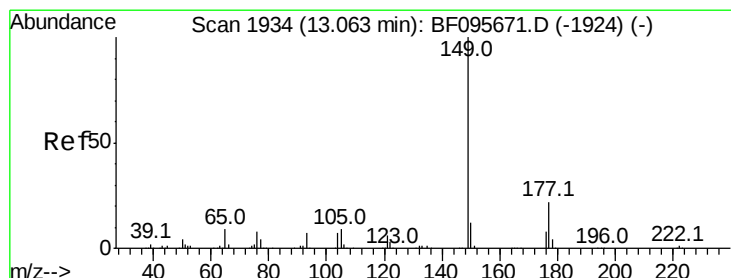
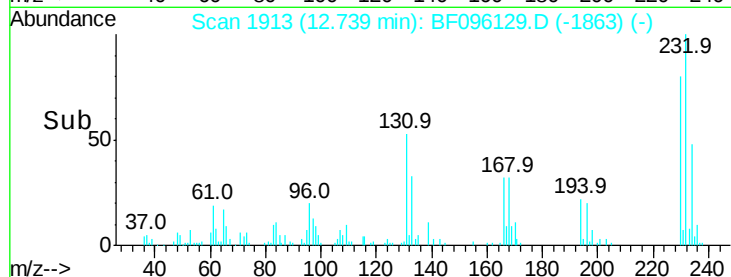
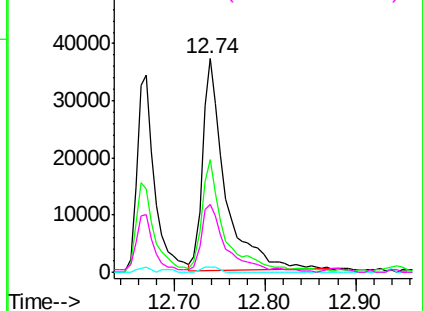


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.03 ng

RT: 12.95 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

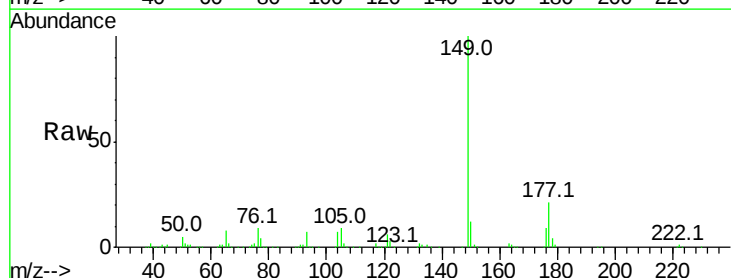
Tgt Ion:149 Resp: 435447

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

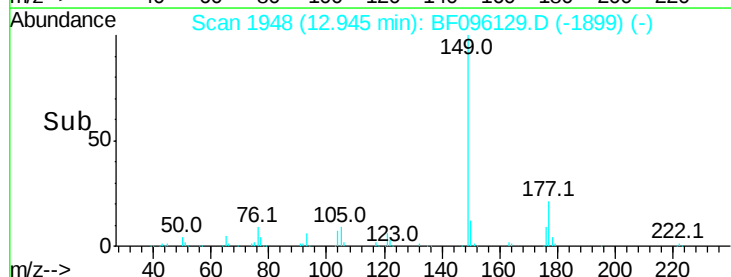
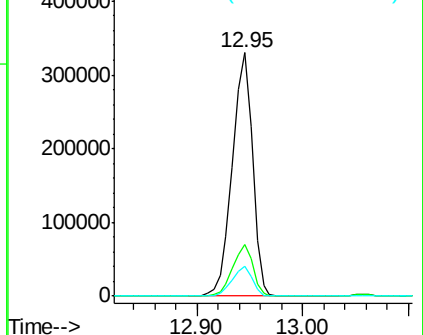
150 12.3 10.2 15.2

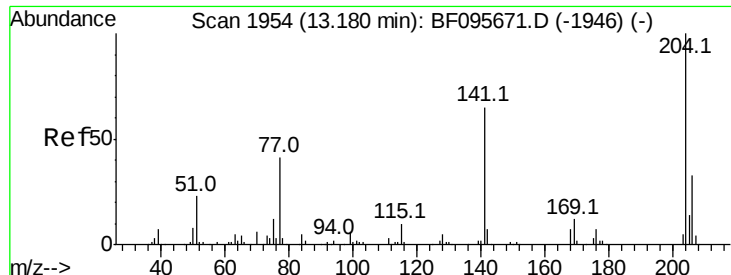


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

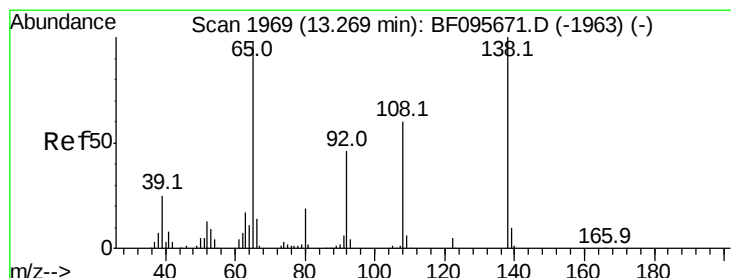
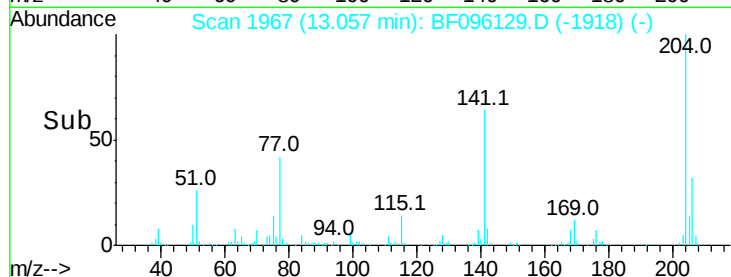
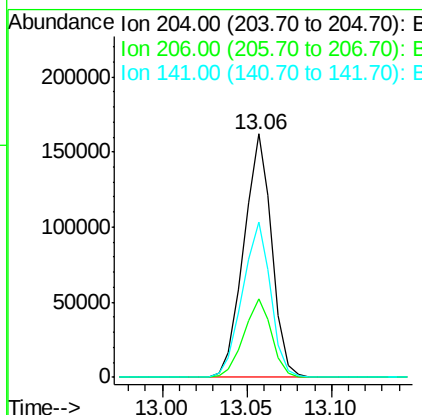
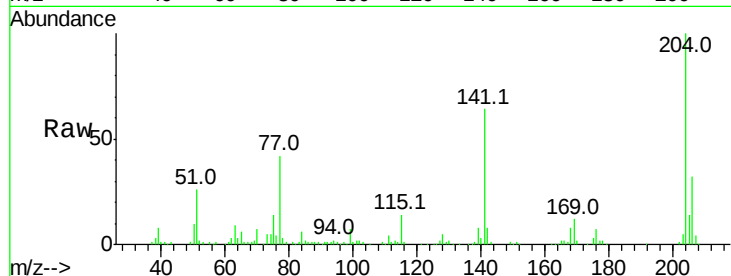




#60
4-Chlorophenyl-phenylether
Concen: 35.15 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

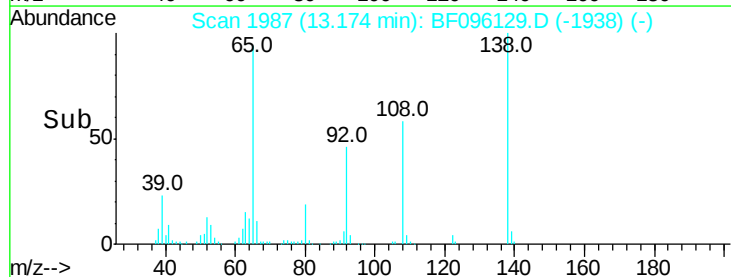
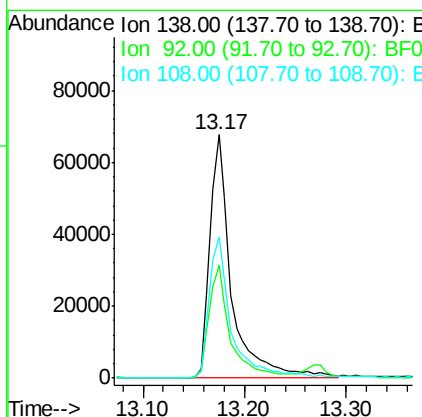
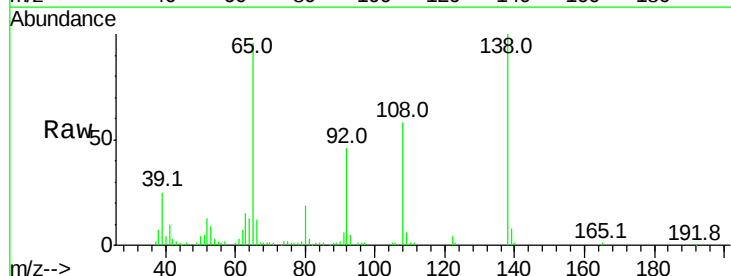
Instrument :
BNA_F
ClientSampleId :

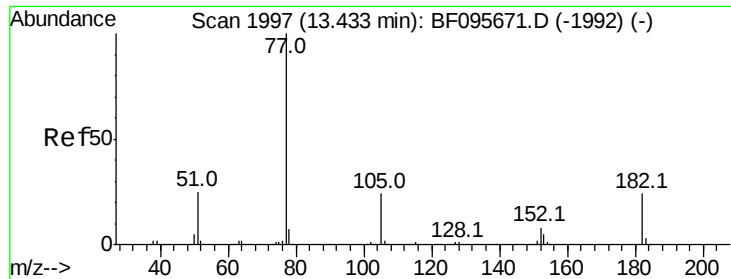
Tot Ion:204 Resp: 186555
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 64.0 60.8 91.2



#61
4-Nitroaniline
Concen: 35.93 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:138 Resp: 101418
Ion Ratio Lower Upper
138 100
92 46.2 21.8 61.8
108 58.0 42.3 82.3





#62

Azobenzene

Concen: 37.15 ng

RT: 13.32 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 385423

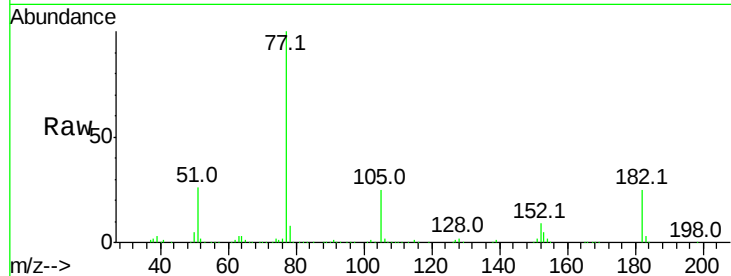
Ion Ratio Lower Upper

77 100

182 25.0 0.1 40.1

105 24.5 3.6 43.6

51 25.5 9.4 49.4

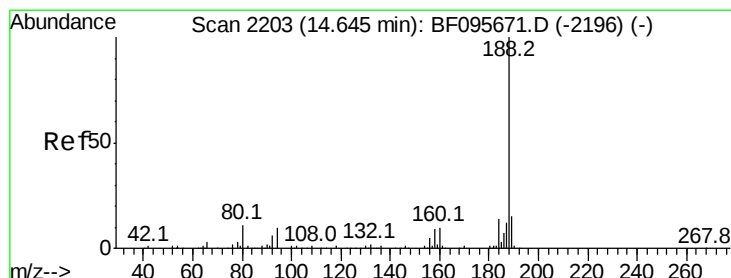
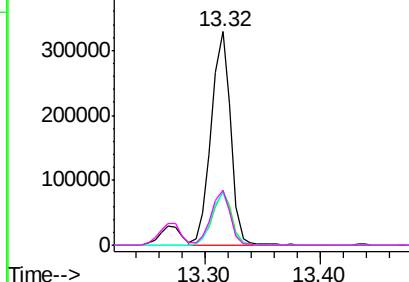
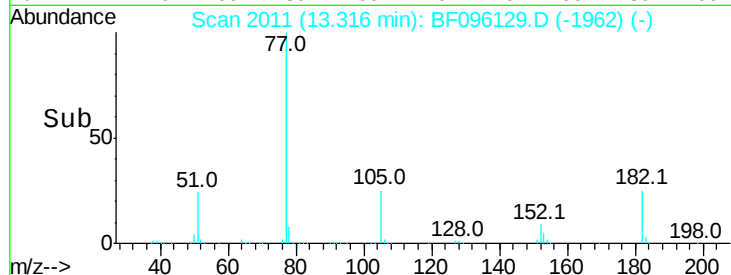


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.53 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

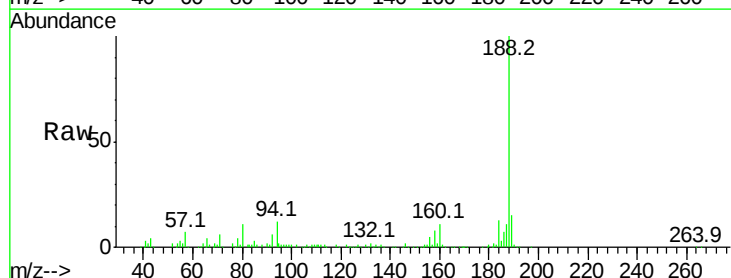
Tgt Ion: 188 Resp: 206042

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

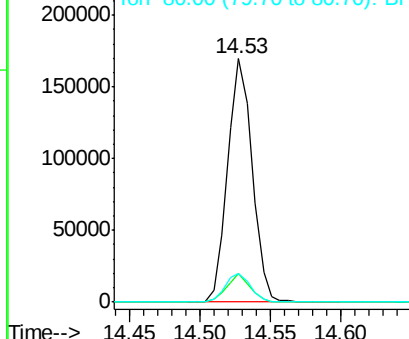
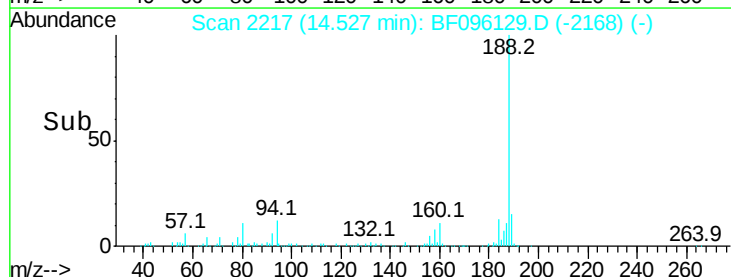
80 11.5 10.2 15.2

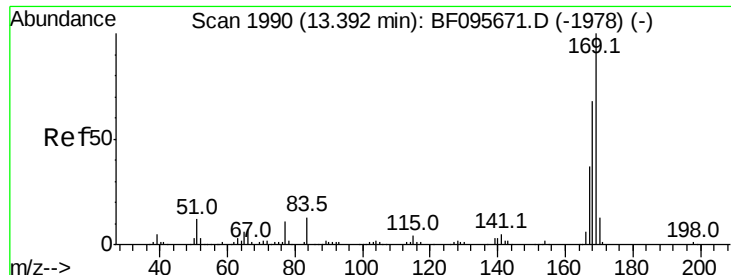


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

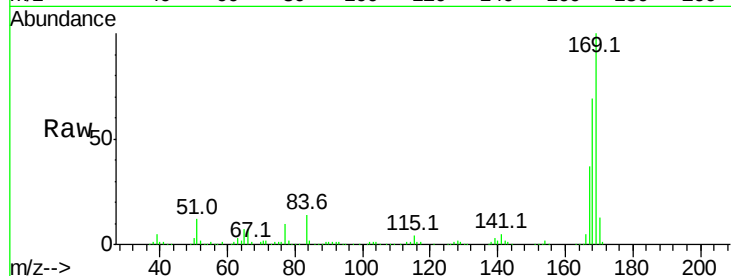




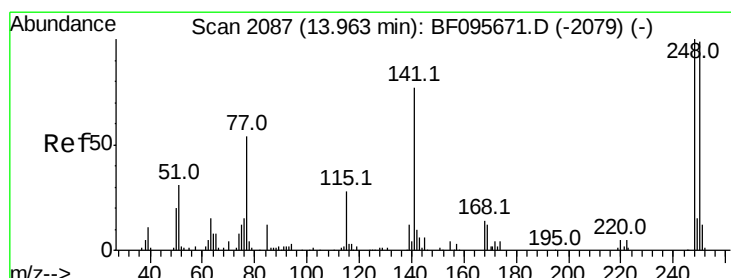
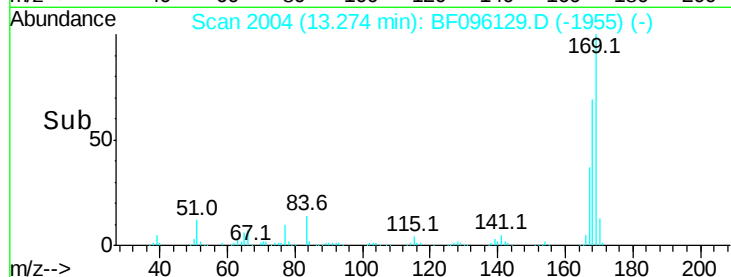
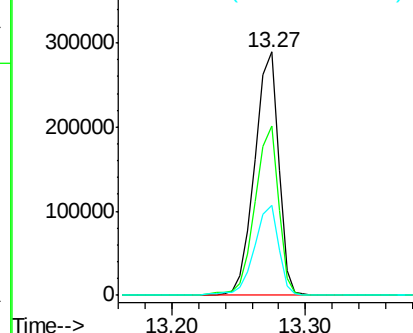
#65
n-Nitrosodiphenylamine
Concen: 47.99 ng
RT: 13.27 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 355321
Ion Ratio Lower Upper
169 100
168 69.3 53.2 79.8
167 37.0 29.5 44.3

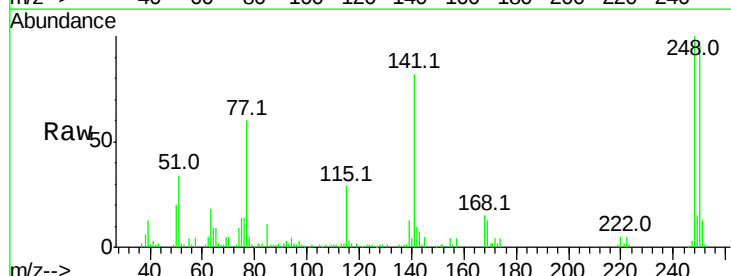


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

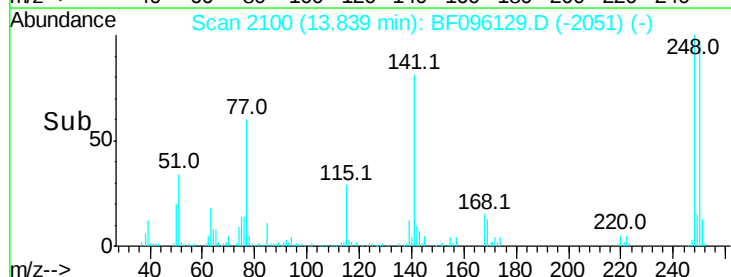
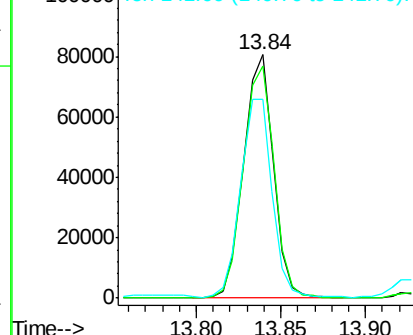


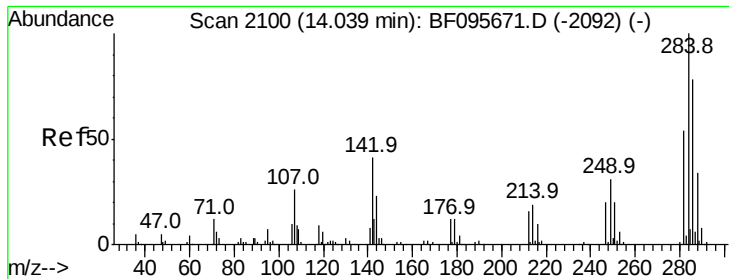
#66
4-Bromophenyl-phenylether
Concen: 46.44 ng
RT: 13.84 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:248 Resp: 99447
Ion Ratio Lower Upper
248 100
250 95.5 76.8 115.2
141 81.7 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: 45.35 ng

RT: 13.93 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampled :

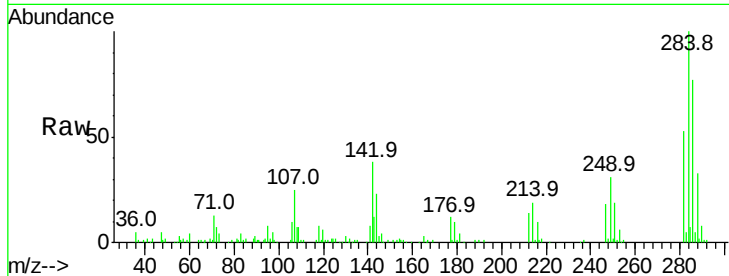
Tot Ion:284 Resp: 95691

Ion Ratio Lower Upper

284 100

142 38.4 22.8 34.2#

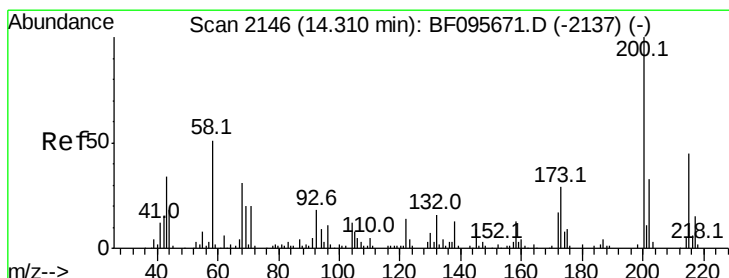
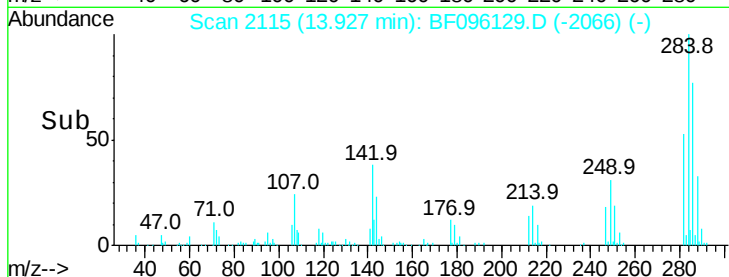
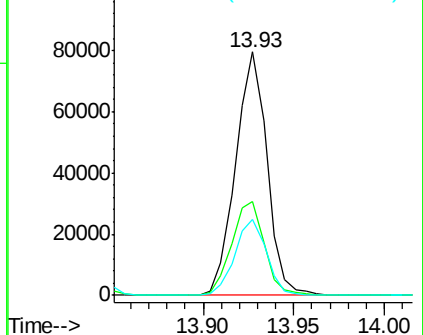
249 31.0 24.0 36.0



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: 48.73 ng

RT: 14.20 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

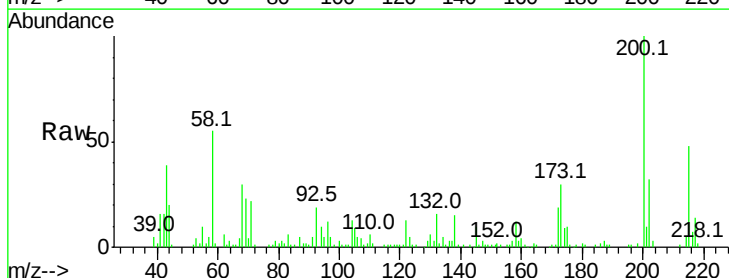
Tgt Ion:200 Resp: 100407

Ion Ratio Lower Upper

200 100

173 29.6 6.3 46.3

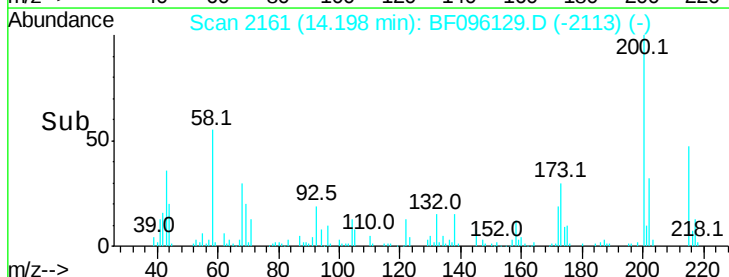
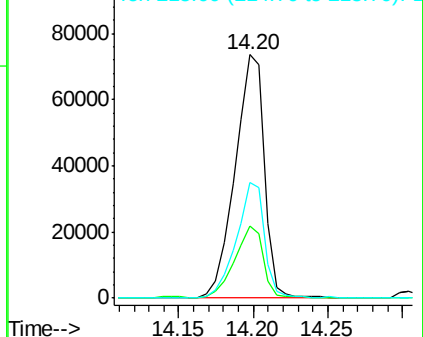
215 47.6 27.2 67.2

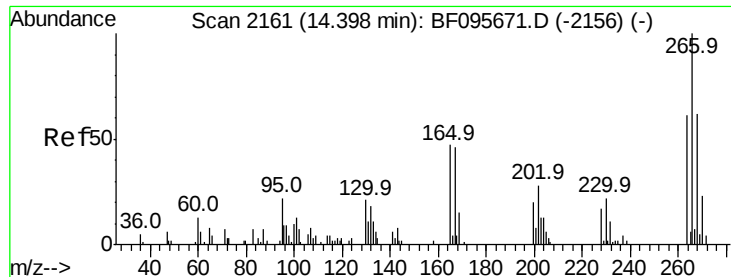


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

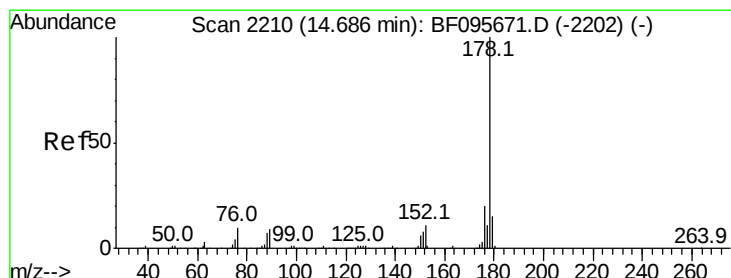
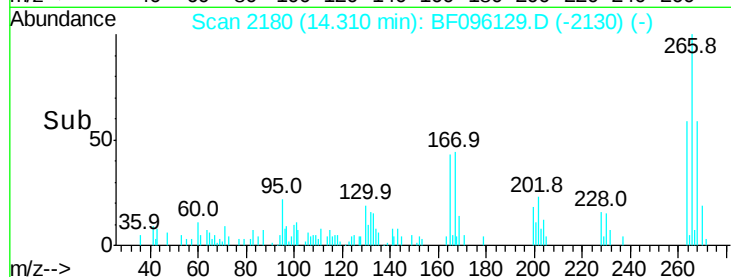
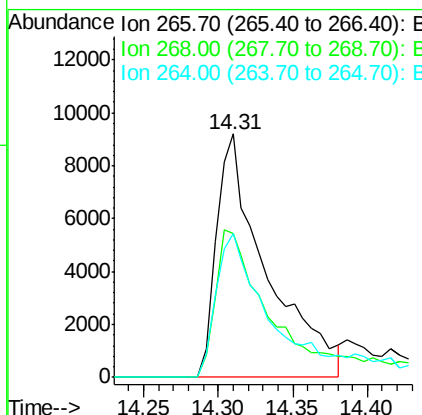
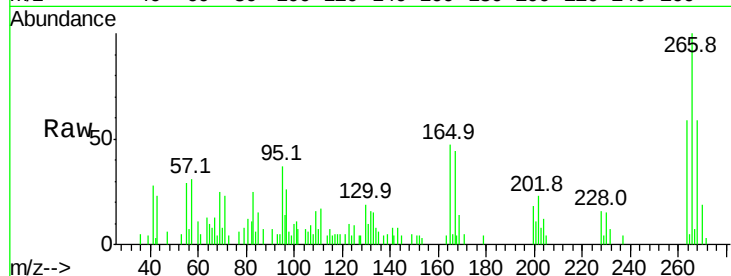




#69
 Pentachlorophenol
 Concen: 31.17 ng
 RT: 14.31 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

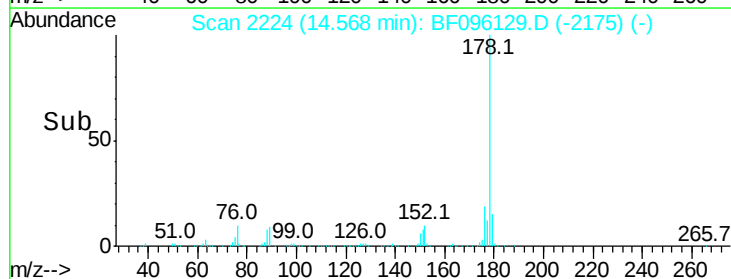
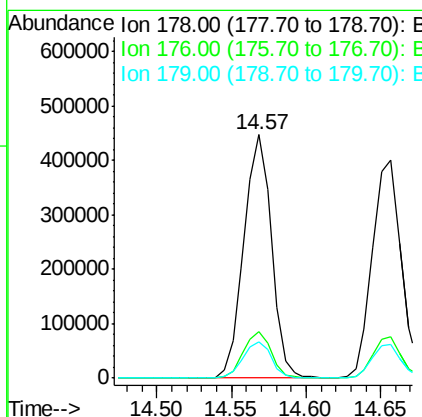
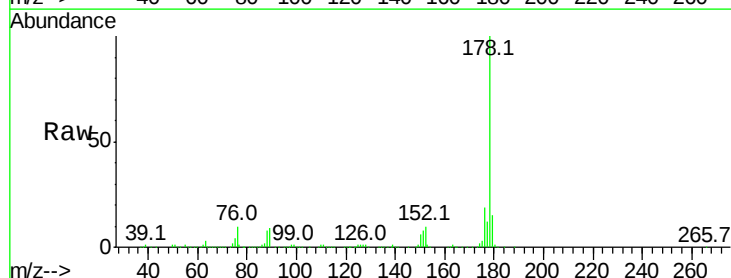
Instrument :
 BNA_F
 ClientSampleId :

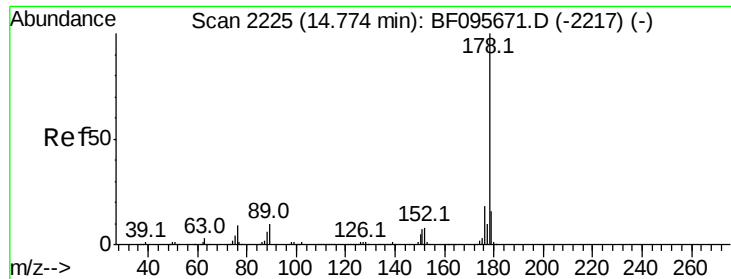
Tot Ion:266 Resp: 21426
 Ion Ratio Lower Upper
 266 100
 268 59.3 51.1 76.7
 264 58.8 51.7 77.5



#70
 Phenanthrene
 Concen: 48.29 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:178 Resp: 574122
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 14.8 12.6 19.0

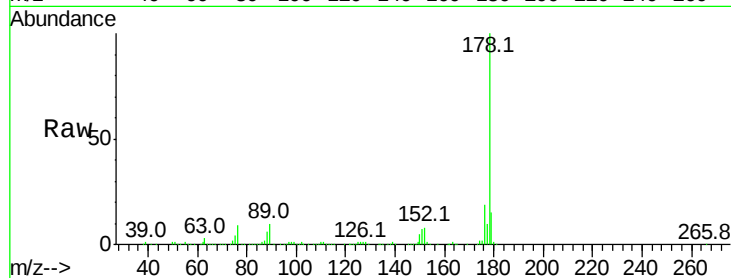




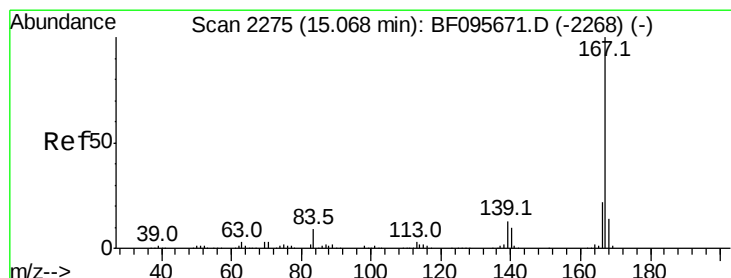
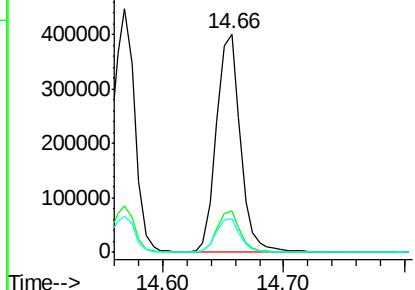
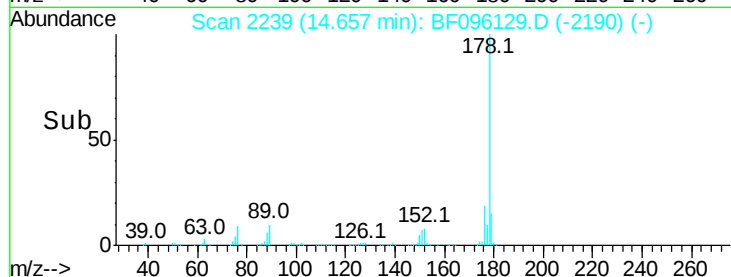
#71
 Anthracene
 Concen: 44.11 ng
 RT: 14.66 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 547495
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.3 12.7 19.1

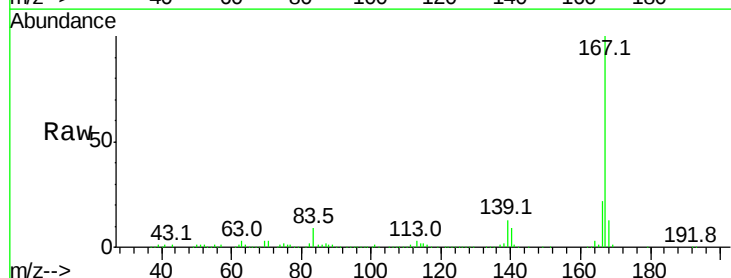


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

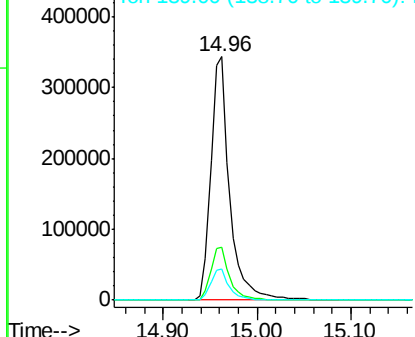
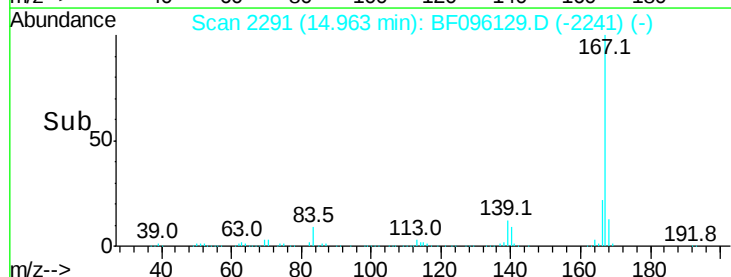


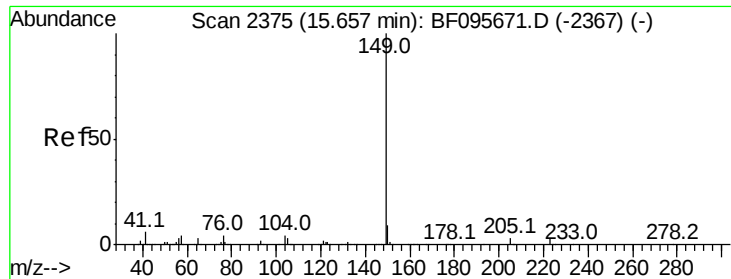
#72
 Carbazole
 Concen: 40.23 ng
 RT: 14.96 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:167 Resp: 486601
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.8 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: 50.44 ng

RT: 15.55 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

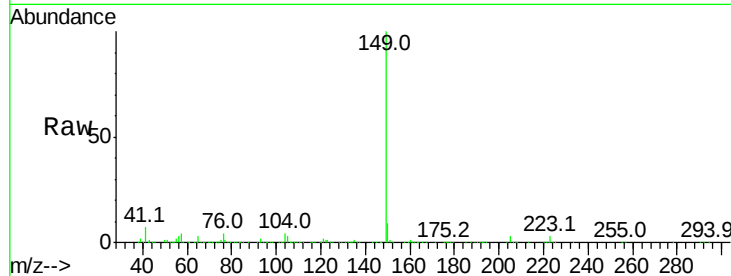
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 649090

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.3	4.0	6.0



Abundance

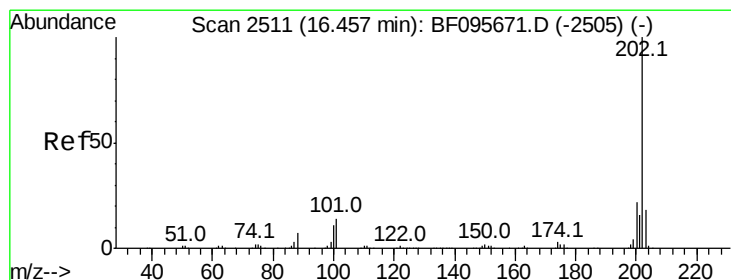
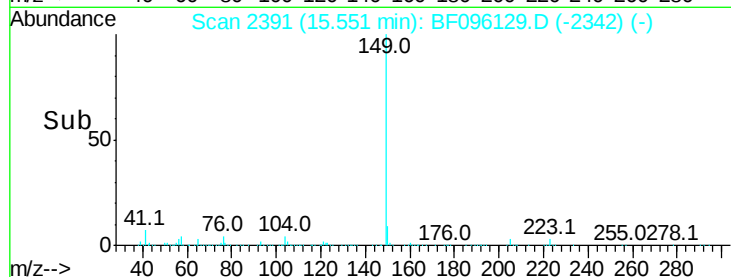
Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

15.55

Time-->



#74

Fluoranthene

Concen: 47.74 ng

RT: 16.36 min Scan# 2528

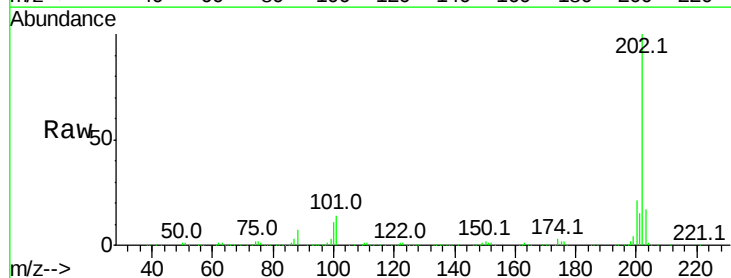
Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Tgt Ion:202 Resp: 561764

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.3	0.0	38.1



Abundance

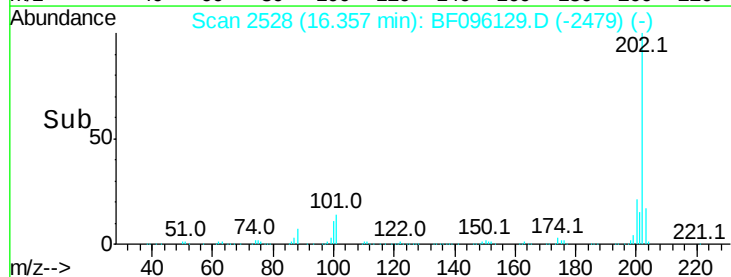
Ion 202.00 (201.70 to 202.70): E

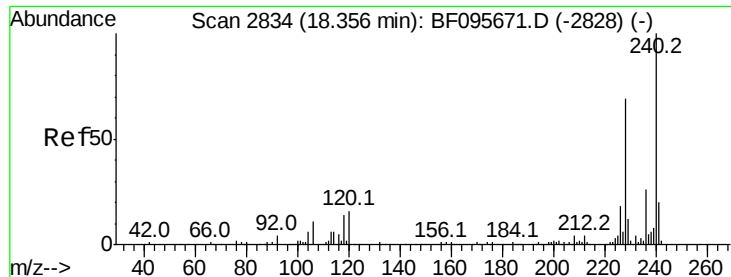
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

16.36

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

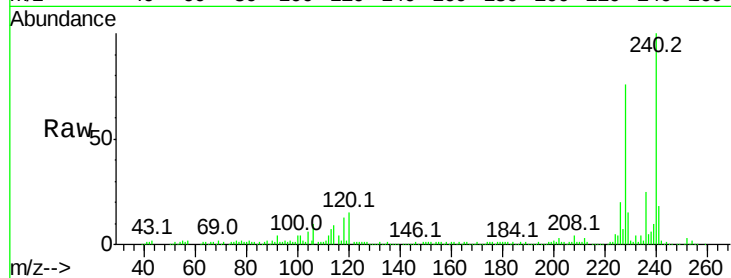
Tot Ion:240 Resp: 145730

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

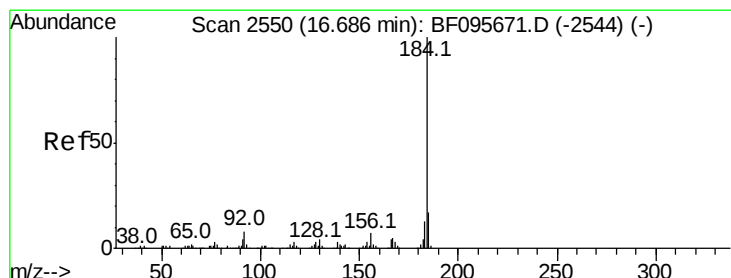
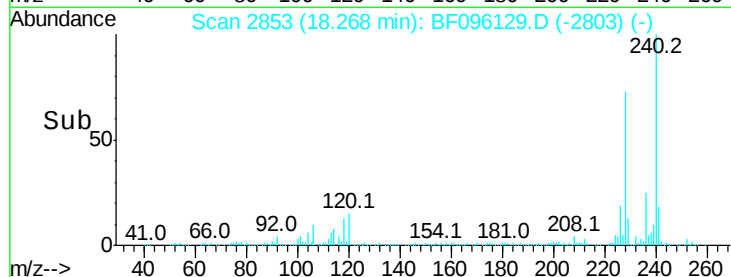
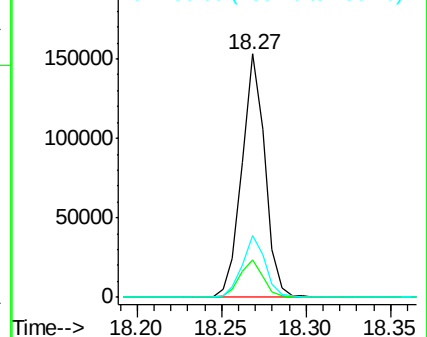
236 25.3 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.70 ng

RT: 16.60 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

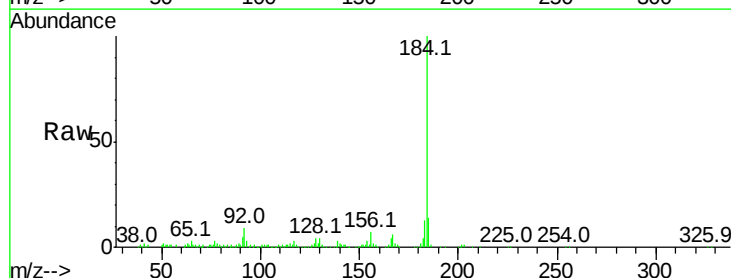
Tgt Ion:184 Resp: 227815

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

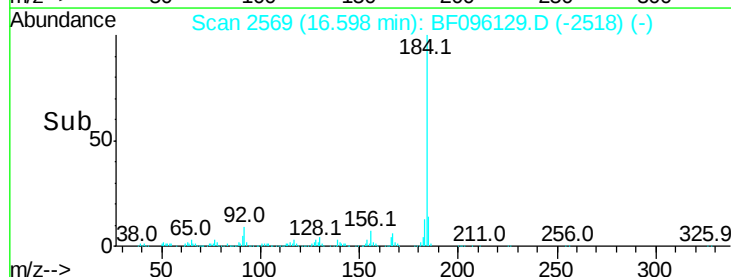
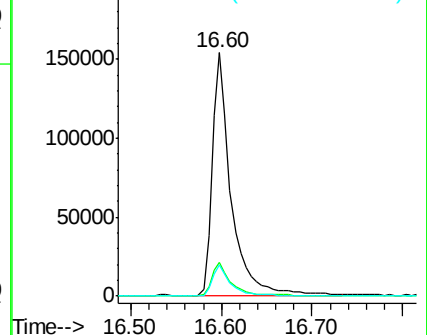
183 12.8 9.8 14.6

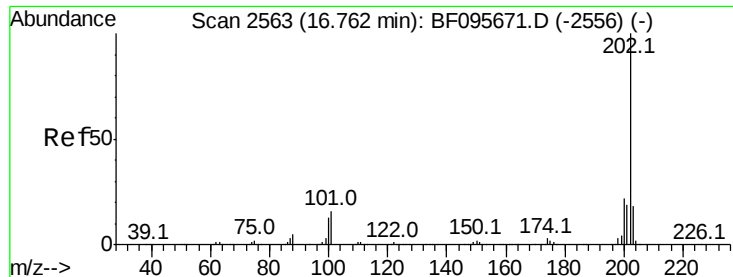


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

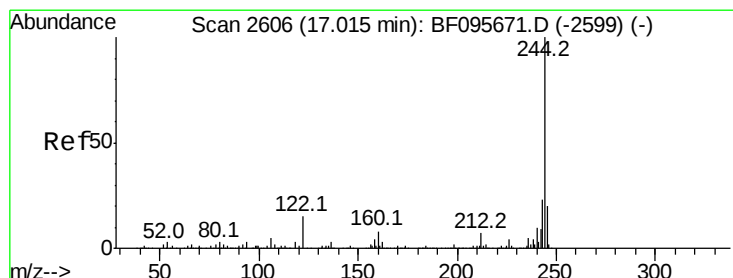
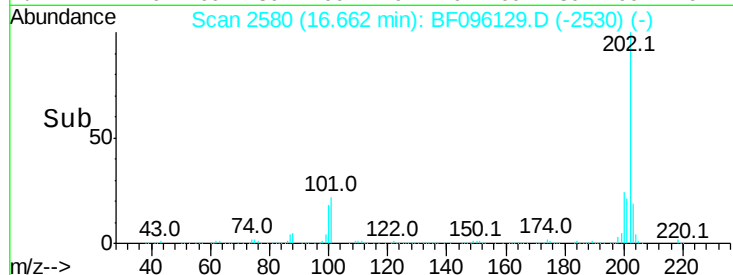
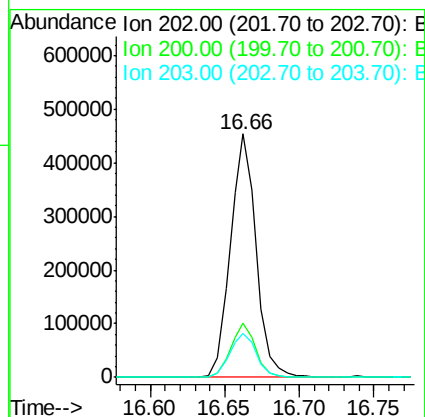
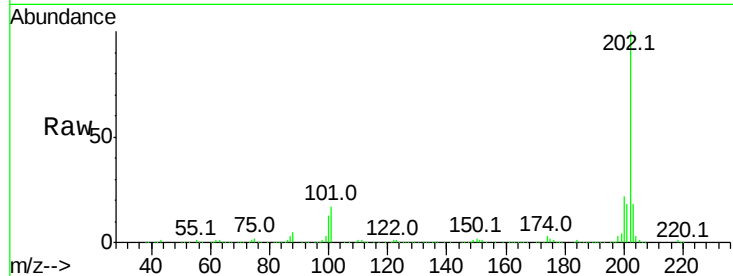




#77
Pvrene
Concen: 50.11 ng
RT: 16.66 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

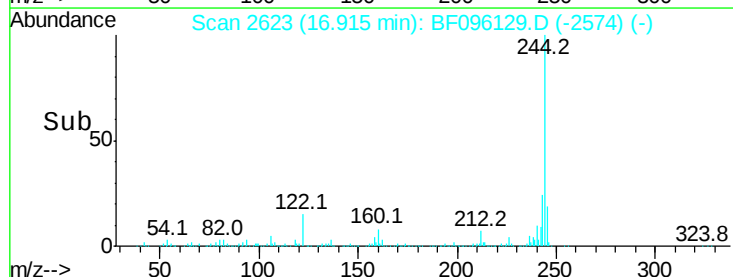
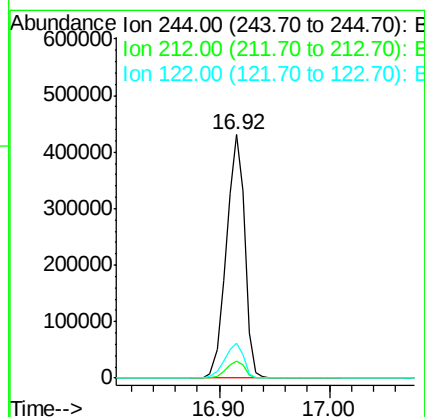
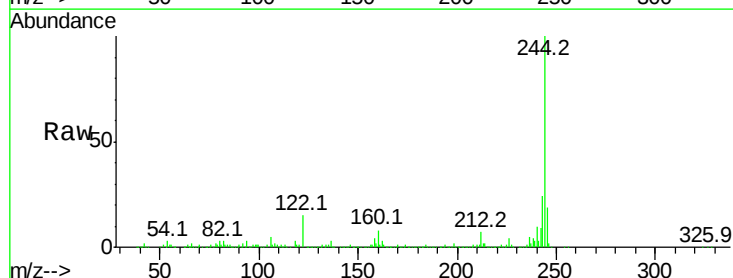
Instrument :
BNA_F
ClientSampleId :

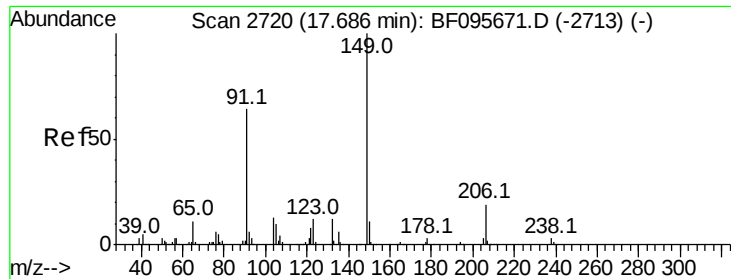
Tot Ion:202 Resp: 544922
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.2 14.4 21.6



#78
Terphenyl-d14
Concen: 85.25 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:244 Resp: 500587
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 14.5 10.3 15.5

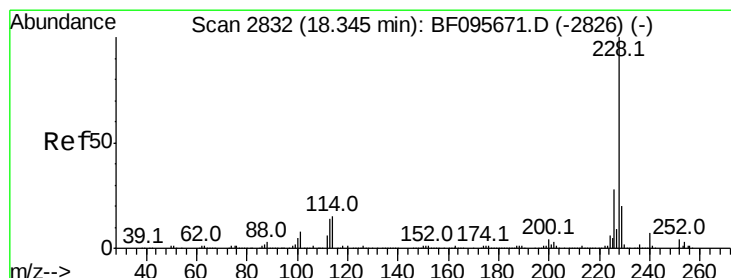
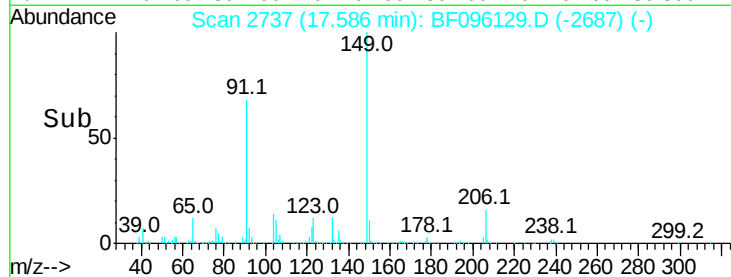
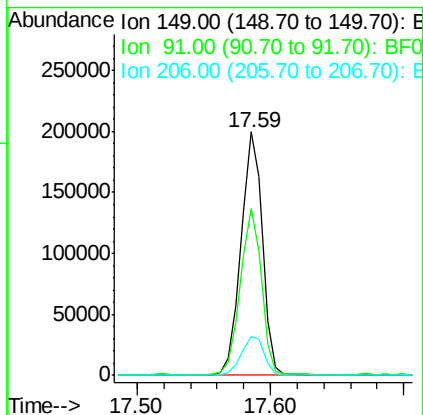
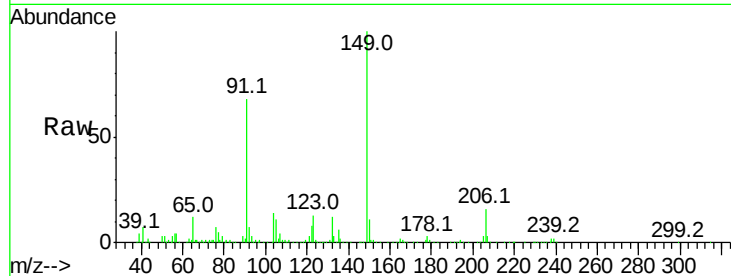




#79
Butylbenzylphthalate
Concen: 46.35 ng
RT: 17.59 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

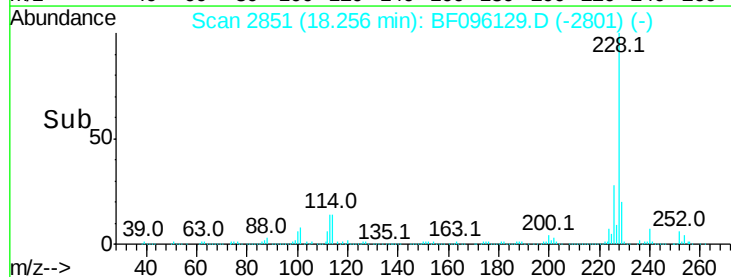
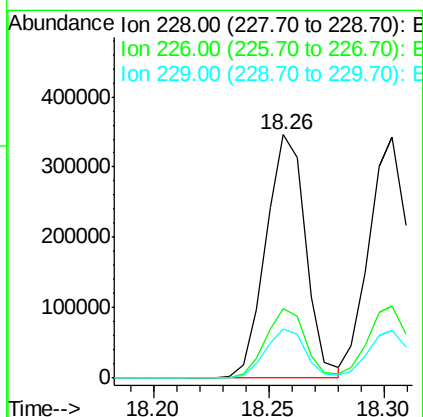
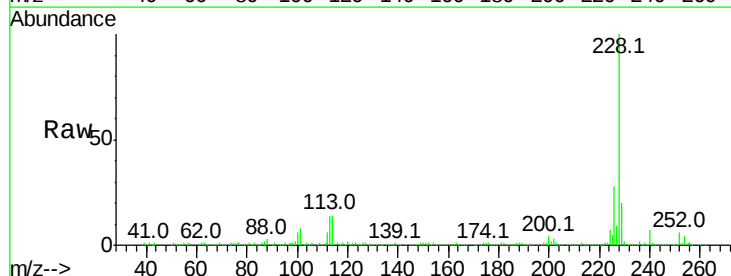
Instrument :
BNA_F
ClientSampled :

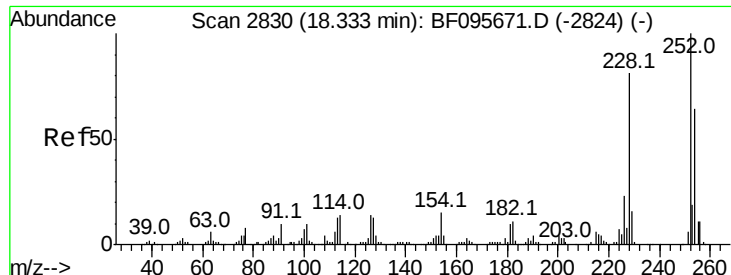
Tot Ion:149 Resp: 220097
Ion Ratio Lower Upper
149 100
91 68.3 45.0 67.4#
206 16.1 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 48.78 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:228 Resp: 413321
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.4 16.3 24.5

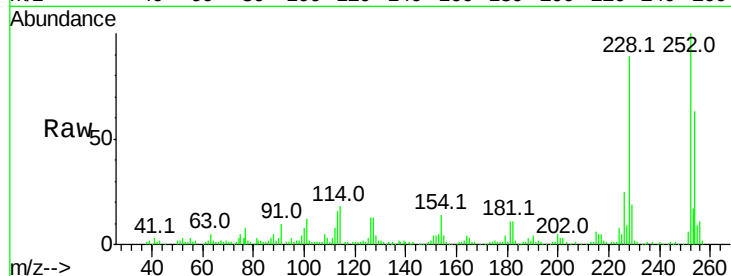




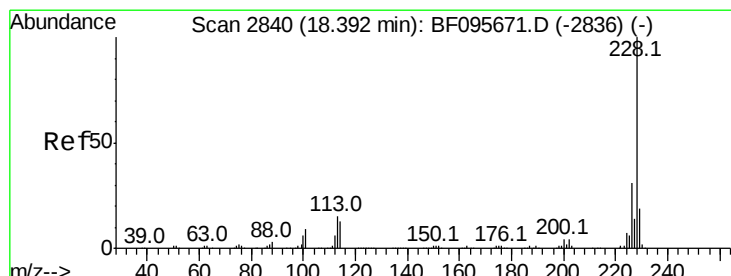
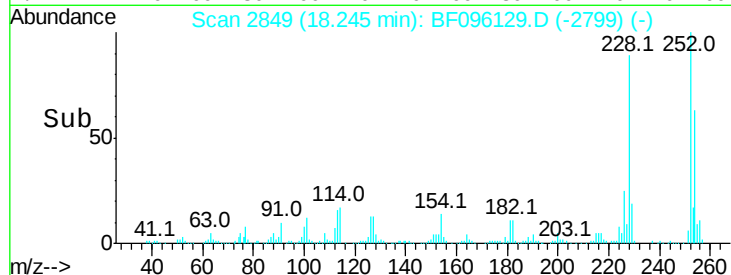
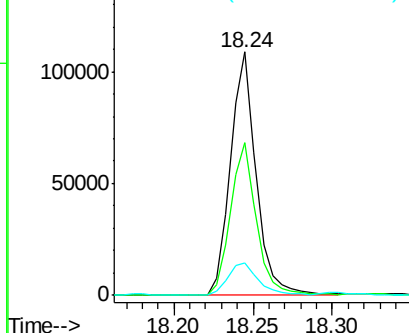
#81
 3,3'-Dichlorobenzidine
 Concen: 40.64 ng
 RT: 18.24 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	13.1	15.8	23.8#

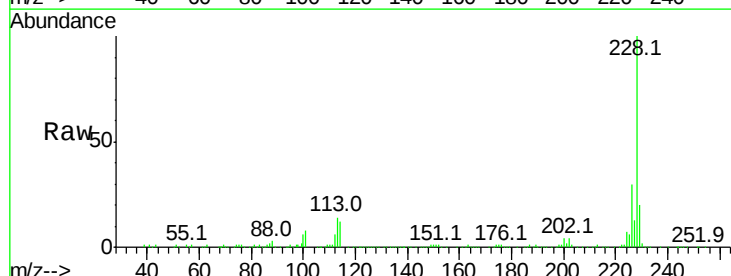


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

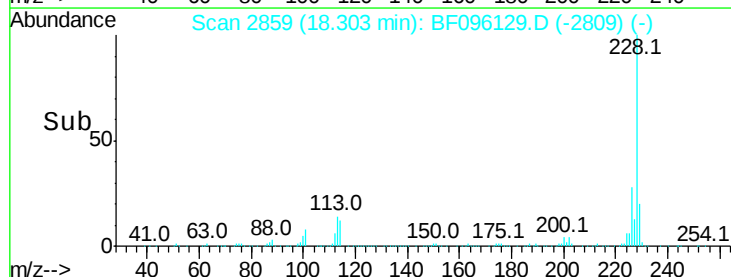
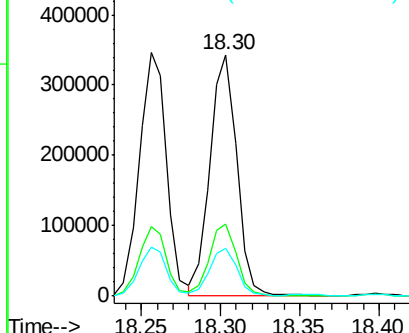


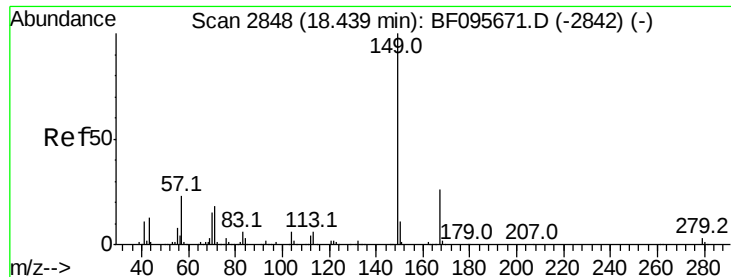
#82
 Chrysene
 Concen: 47.60 ng
 RT: 18.30 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.7	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

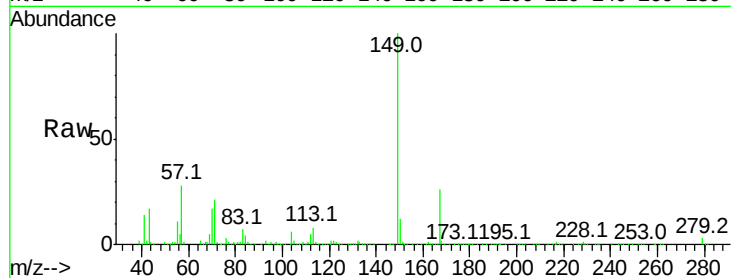




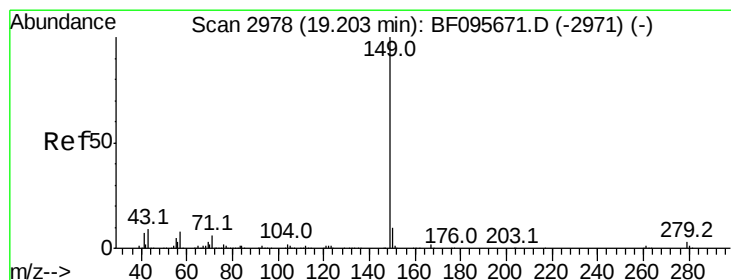
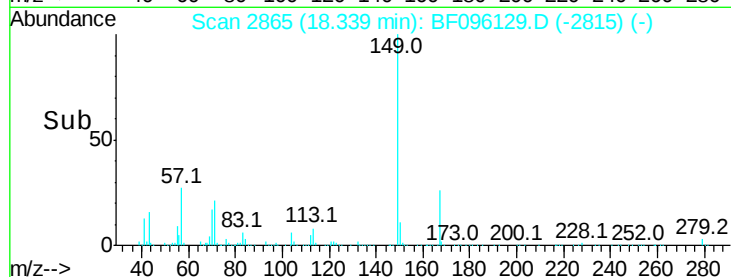
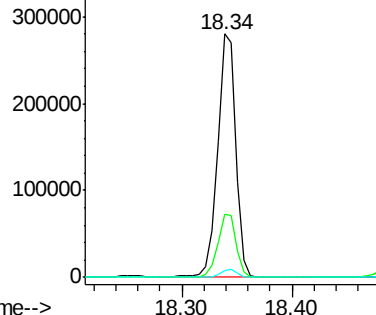
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.65 ng
 RT: 18.34 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 319206
 Ion Ratio Lower Upper
 149 100
 167 25.7 21.0 31.4
 279 2.7 1.9 2.9

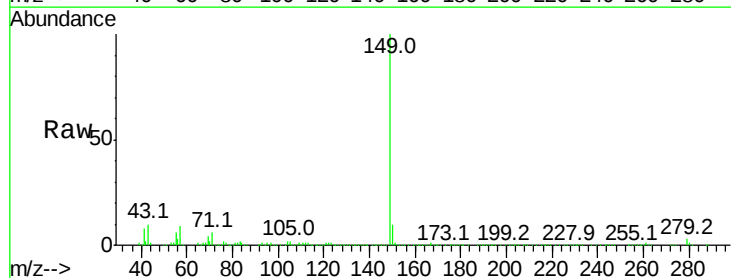


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

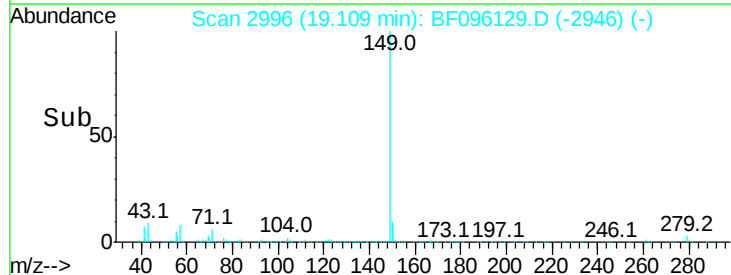
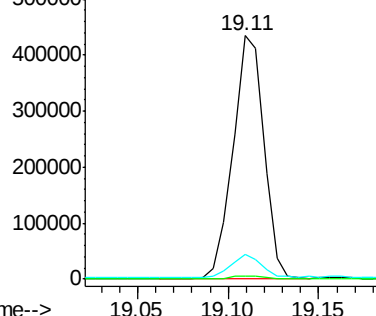


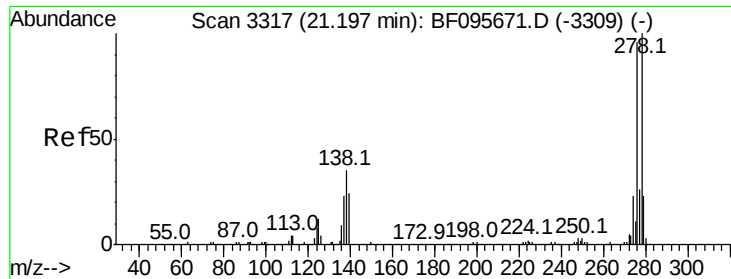
#84
 Di-n-octyl phthalate
 Concen: 46.45 ng
 RT: 19.11 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Tgt Ion:149 Resp: 512774
 Ion Ratio Lower Upper
 149 100
 167 1.6 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

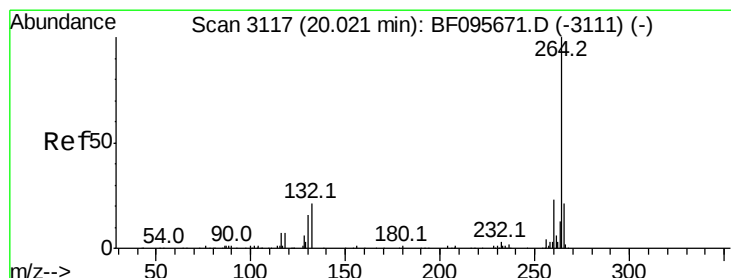
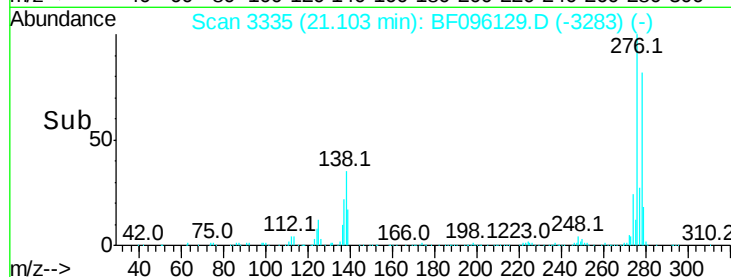
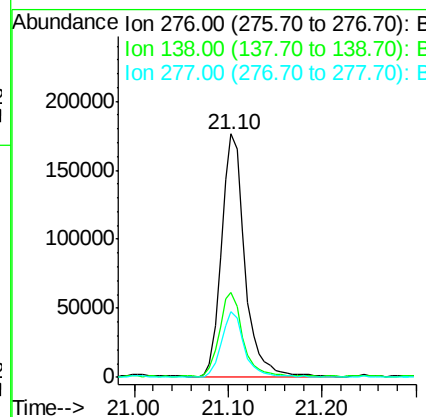
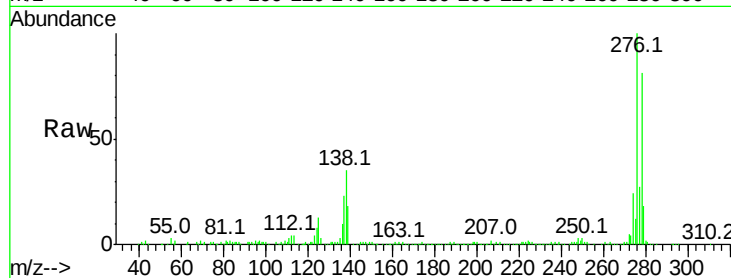




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.07 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

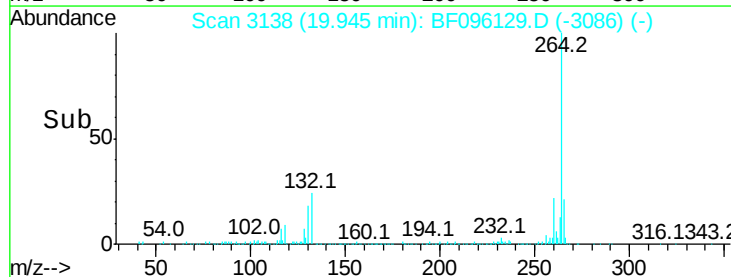
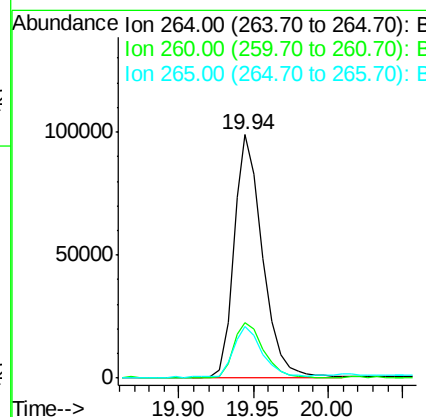
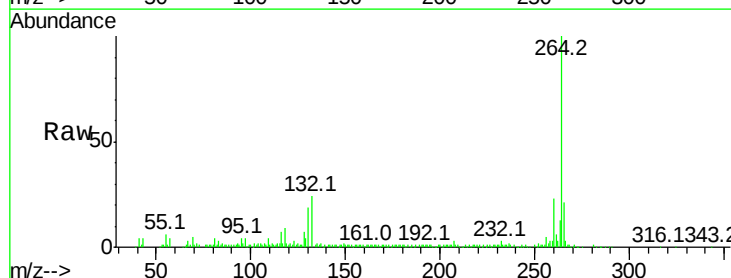
Instrument :
BNA_F
ClientSampleId :

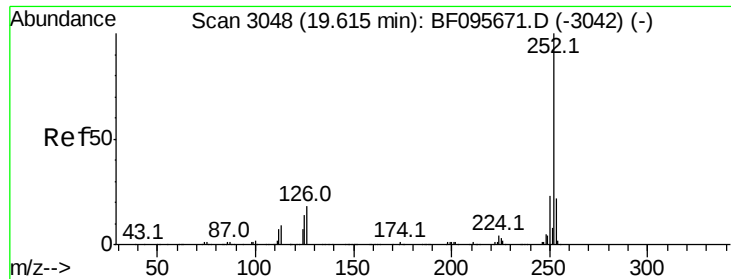
Tot Ion:276 Resp: 304803
Ion Ratio Lower Upper
276 100
138 34.6 27.8 41.6
277 25.8 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion:264 Resp: 132422
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 47.14 ng

RT: 19.54 min Scan# 3069

Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

Instrument :

BNA_F

ClientSampleId :

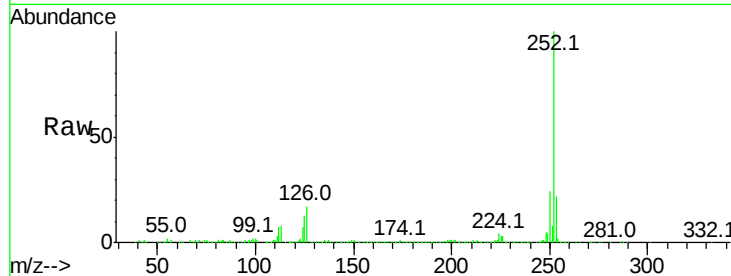
Tot Ion:252 Resp: 390862

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

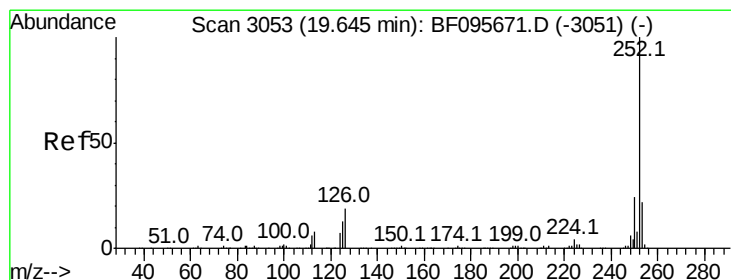
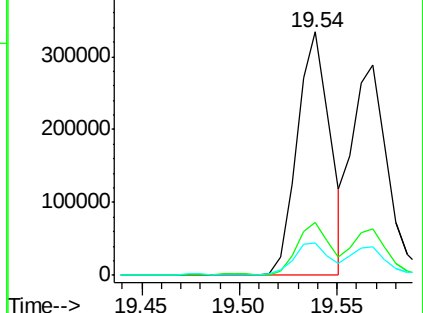
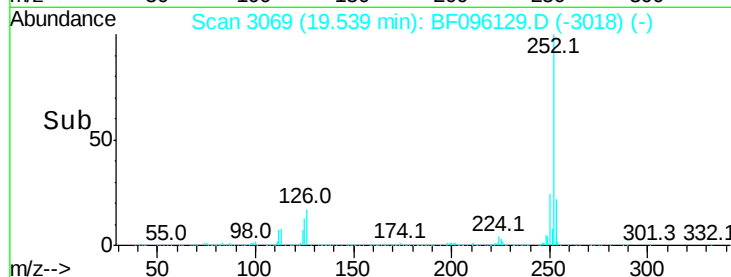
125 13.3 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 45.70 ng

RT: 19.57 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BF096129.D

Acq: 22 Jun 2017 19:00

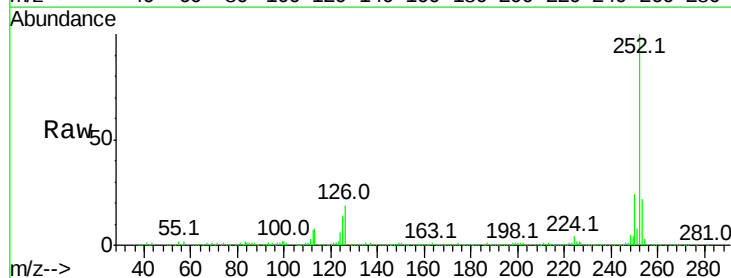
Tgt Ion:252 Resp: 362202

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

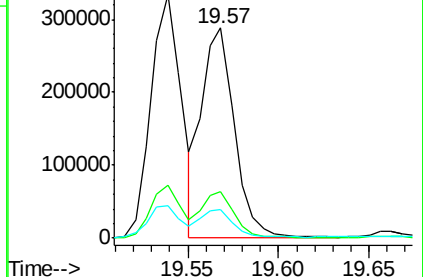
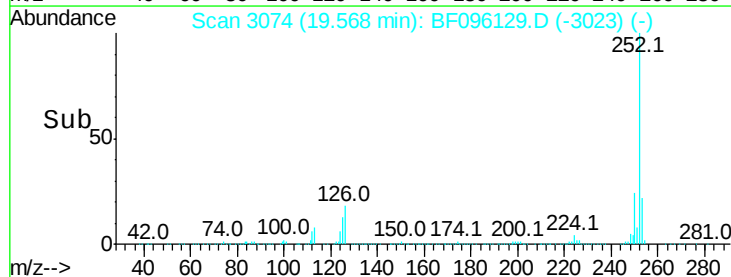
125 13.8 13.1 19.7

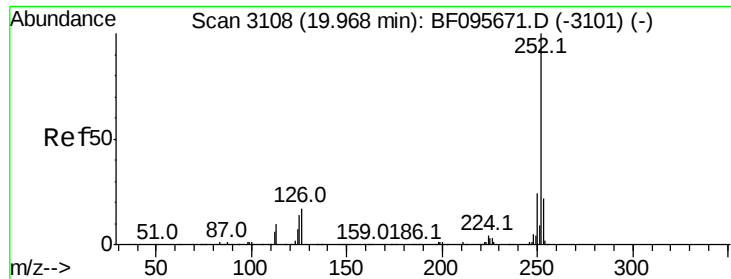


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

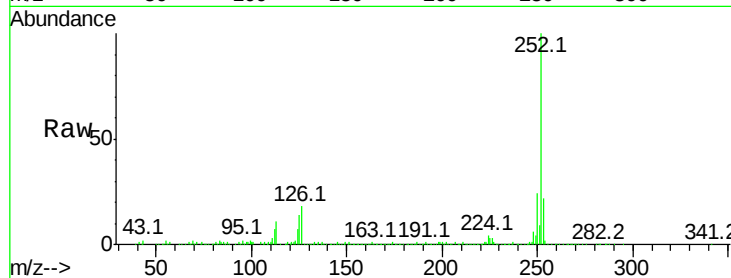




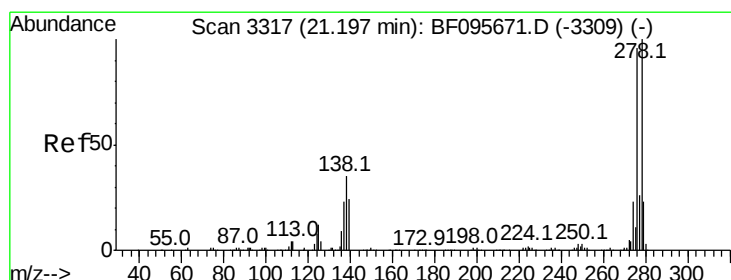
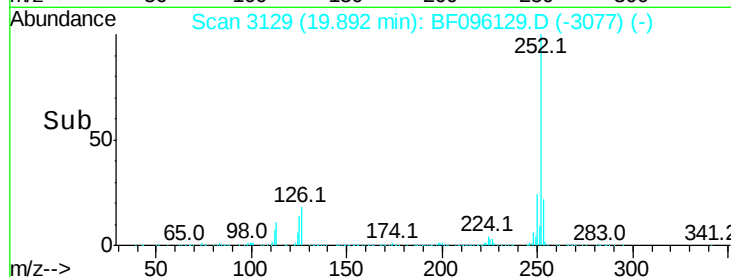
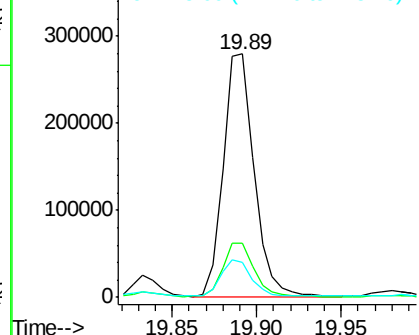
#89
Benzo(a)pyrene
Concen: 46.71 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	14.2	11.0	16.4

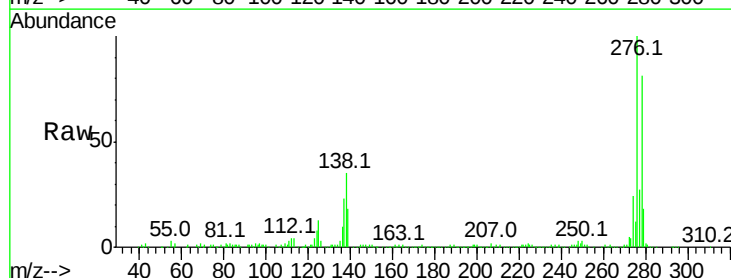


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

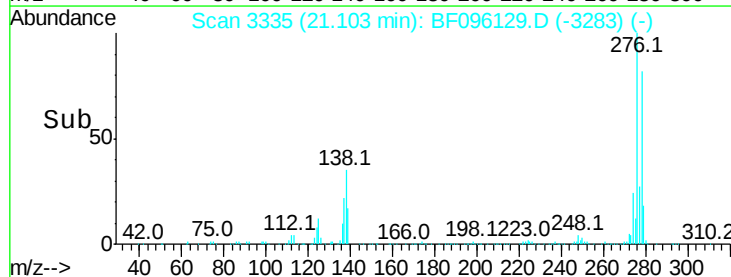
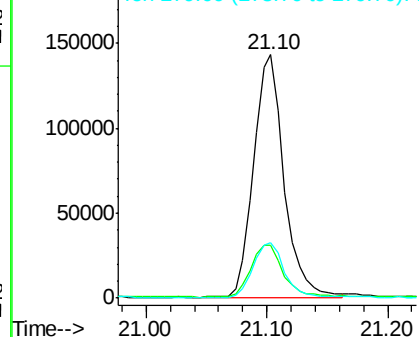


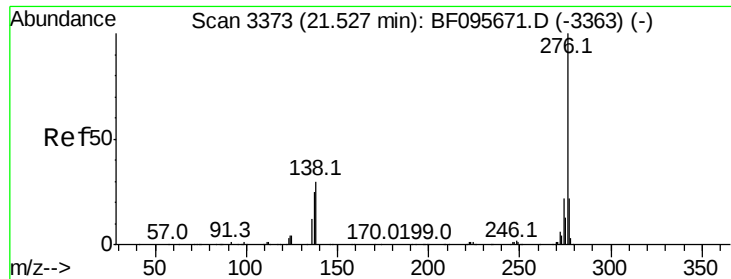
#90
Dibenzo(a,h)anthracene
Concen: 38.77 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096129.D
Acq: 22 Jun 2017 19:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	22.7	19.3	28.9



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

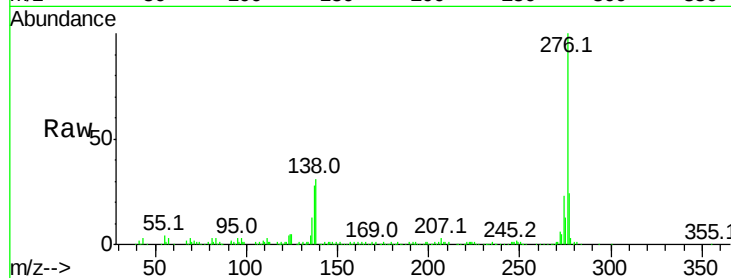




#91
 Benzo(a,h,i)perylene
 Concen: 37.33 ng
 RT: 21.43 min Scan# 3390
 Delta R.T. 0.01 min
 Lab File: BF096129.D
 Acq: 22 Jun 2017 19:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	30.7	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

