

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070717\
 Data File : BF096564.D
 Acq On : 7 Jul 2017 17:35
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 18:00:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	124278	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	521032	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	230546	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	414185	20.00	ng	0.00
75) Chrysene-d12	13.84	240	286365	20.00	ng	0.00
86) Perylene-d12	15.24	264	273306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	638546	75.84	ng	0.00
7) Phenol-d6	6.34	99	782147	75.56	ng	0.00
23) Nitrobenzene-d5	7.26	82	671451	77.44	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	158282	87.89	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1090964	80.91	ng	0.00
78) Terphenyl-d14	12.80	244	1019840	76.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	151349	37.91	ng	# 77
3) Pyridine	3.05	79	390920	35.69	ng	# 66
4) n-Nitrosodimethylamine	3.00	42	207223	38.32	ng	84
6) Aniline	6.36	93	494193	36.94	ng	98
8) 2-Chlorophenol	6.49	128	350772	39.07	ng	98
9) Benzaldehyde	6.24	77	229349	35.40	ng	98
10) Phenol	6.35	94	437288	37.08	ng	77
11) bis(2-Chloroethyl)ether	6.44	93	329304	36.13	ng	93
12) 1,3-Dichlorobenzene	6.64	146	368269	39.12	ng	100
13) 1,4-Dichlorobenzene	6.72	146	374794	39.83	ng	95
14) 1,2-Dichlorobenzene	6.87	146	341578	39.53	ng	99
15) Benzyl Alcohol	6.85	79	261532	37.80	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	686714	37.07	ng	91
17) 2-Methylphenol	6.96	107	274879	38.41	ng	97
18) Hexachloroethane	7.22	117	132714	38.90	ng	# 87
19) n-Nitroso-di-n-propylamine	7.12	70	228034	36.98	ng	# 87
20) 3+4-Methylphenols	7.12	107	322512	40.41	ng	96
22) Acetophenone	7.11	105	439792	38.63	ng	95
24) Nitrobenzene	7.28	77	352385	38.74	ng	95
25) Isophorone	7.53	82	615193	36.59	ng	95
26) 2-Nitrophenol	7.60	139	197242	40.97	ng	# 89
27) 2,4-Dimethylphenol	7.65	122	316343	38.59	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	410664	37.00	ng	100
29) 2,4-Dichlorophenol	7.85	162	283283	40.05	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	270288	40.51	ng	99
31) Naphthalene	8.00	128	972479	39.54	ng	99
32) Benzoic acid	7.78	122	207166	30.09	ng	92
33) 4-Chloroaniline	8.05	127	405729	39.71	ng	97
34) Hexachlorobutadiene	8.13	225	142927	41.77	ng	97
35) Caprolactam	8.43	113	92102	37.76	ng	# 69
36) 4-Chloro-3-methylphenol	8.54	107	310820	39.71	ng	89
37) 2-Methylnaphthalene	8.69	142	629189	40.18	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	244807	40.90	ng	99
40) Hexachlorocyclopentadiene	8.85	237	106199	36.49	ng	99

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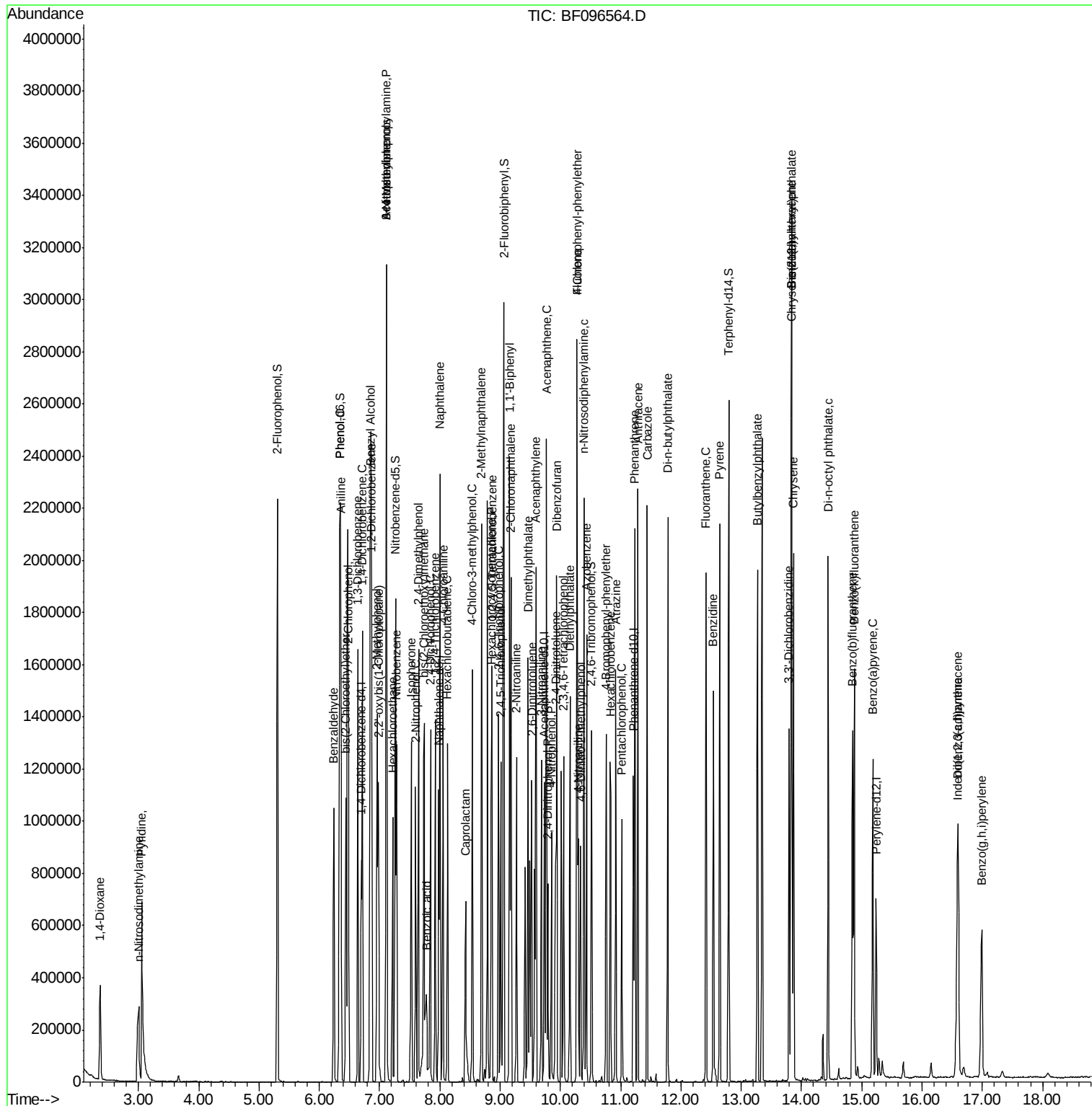
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42) 2,4,6-Trichlorophenol	8.97	196	185673	39.21	nq	98
43) 2,4,5-Trichlorophenol	9.02	196	186776	39.89	nq	95
45) 1,1'-Biphenyl	9.16	154	782189	39.60	nq	97
46) 2-Chloronaphthalene	9.18	162	578126	39.27	nq	# 92
47) 2-Nitroaniline	9.27	65	204187	38.12	nq	94
48) Acenaphthylene	9.59	152	919425	39.42	nq	99
49) Dimethylphthalate	9.46	163	666441	38.72	nq	100
50) 2,6-Dinitrotoluene	9.52	165	151604	39.83	nq	# 89
51) Acenaphthene	9.77	154	536848	37.34	nq	100
52) 3-Nitroaniline	9.69	138	186020	39.19	nq	91
53) 2,4-Dinitrophenol	9.79	184	80271	39.71	nq	# 73
54) Dibenzofuran	9.94	168	750433	39.53	nq	100
55) 4-Nitrophenol	9.85	139	146783	37.31	nq	# 70
56) 2,4-Dinitrotoluene	9.92	165	199374	41.37	nq	# 81
57) Fluorene	10.28	166	565766	42.20	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	133174	41.11	nq	97
59) Diethylphthalate	10.16	149	636567	39.13	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	236714	40.58	nq	92
61) 4-Nitroaniline	10.30	138	179826	41.66	nq	90
62) Azobenzene	10.43	77	587181	37.33	nq	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	108639	38.03	nq	80
65) n-Nitrosodiphenylamine	10.39	169	534572	36.78	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	154265	38.26	nq	96
67) Hexachlorobenzene	10.83	284	175983	39.87	nq	97
68) Atrazine	10.92	200	164720	39.67	nq	95
69) Pentachlorophenol	11.02	266	105489	40.33	nq	98
70) Phenanthrene	11.23	178	862989	38.54	nq	99
71) Anthracene	11.29	178	891175	39.06	nq	99
72) Carbazole	11.44	167	900327	39.24	nq	99
73) Di-n-butylphthalate	11.78	149	1053647	37.91	nq	99
74) Fluoranthene	12.42	202	859458	39.15	nq	98
76) Benzidine	12.54	184	519083	37.78	nq	95
77) Pyrene	12.65	202	882161	38.38	nq	100
79) Butylbenzylphthalate	13.27	149	449872	38.66	nq	# 79
80) Benzo(a)anthracene	13.83	228	671928	40.52	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	280269	41.15	nq	# 96
82) Chrysene	13.87	228	689278	39.69	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	499144	38.43	nq	98
84) Di-n-octyl phthalate	14.44	149	966353	37.78	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.59	276	540329	39.42	nq	97
87) Benzo(b)fluoranthene	14.84	252	700583	40.91	nq	97
88) Benzo(k)fluoranthene	14.87	252	570544	37.24	nq	98
89) Benzo(a)pyrene	15.19	252	593594	38.82	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	426233	35.44	nq	97
91) Benzo(g,h,i)perylene	16.99	276	424158	34.03	nq	97

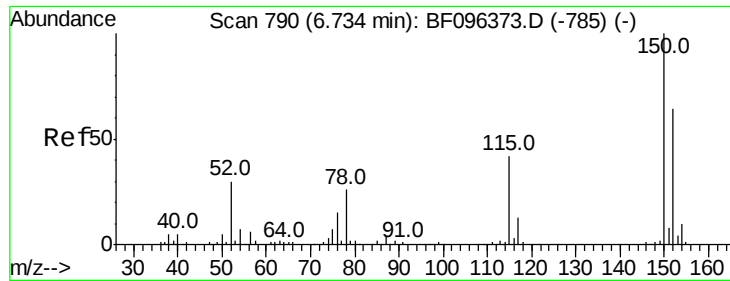
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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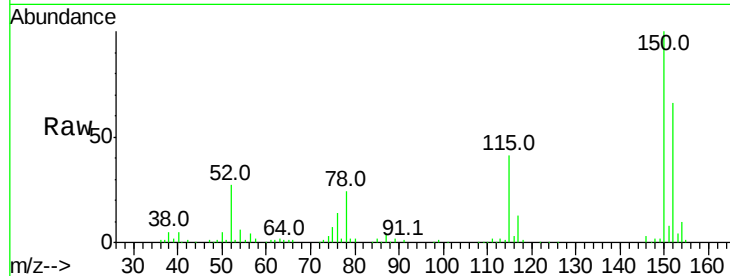


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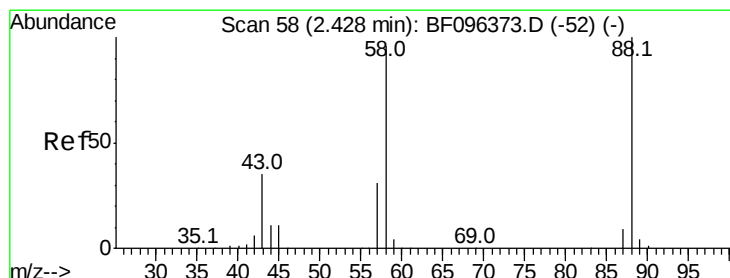
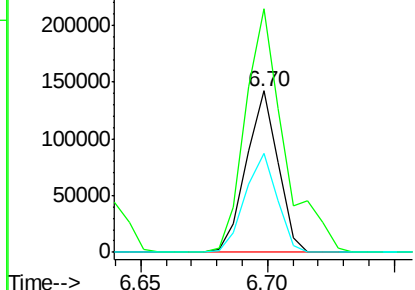
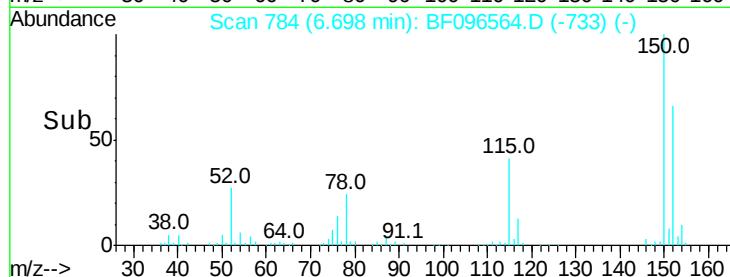
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124278
Ion Ratio Lower Upper
152 100
150 150.7 126.2 189.2
115 61.6 52.2 78.2



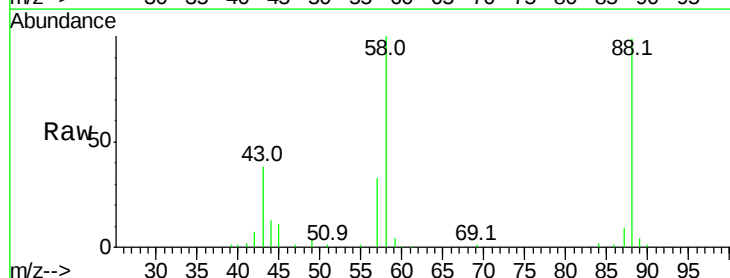
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



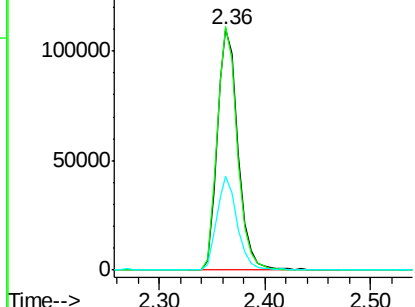
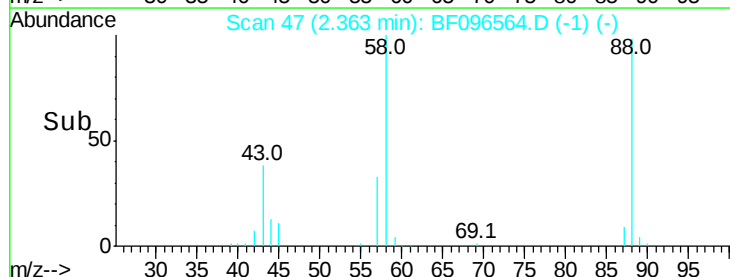
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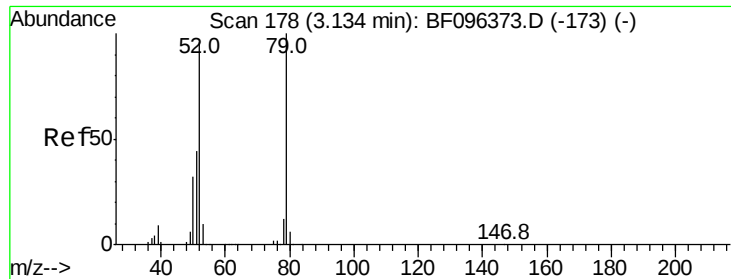
1,4-Dioxane
Concen: 37.91 ng
RT: 2.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion: 88 Resp: 151349
Ion Ratio Lower Upper
88 100
58 98.8 61.4 92.0#
43 38.1 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: 35.69 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

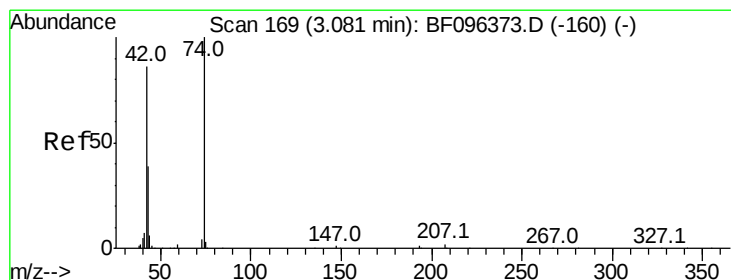
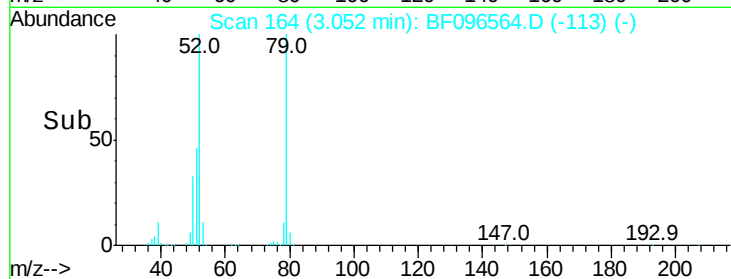
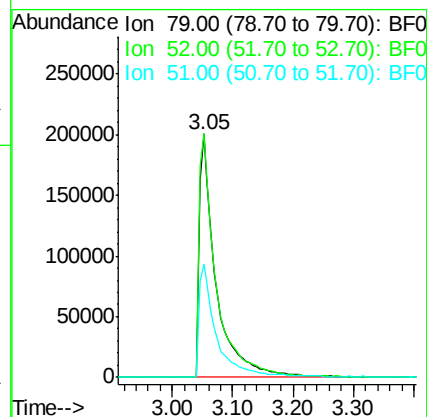
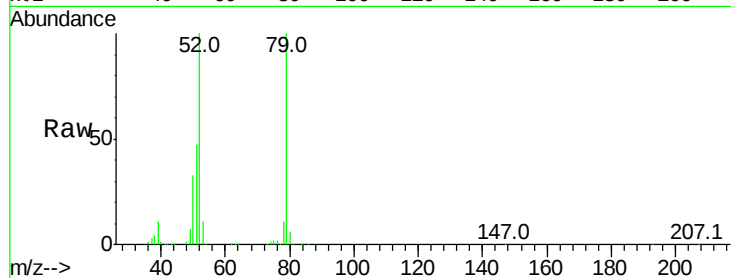
Tot Ion: 79 Resp: 390920

Ion Ratio Lower Upper

79 100

52 100.1 54.8 82.2#

51 46.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 38.32 ng

RT: 3.00 min Scan# 155

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

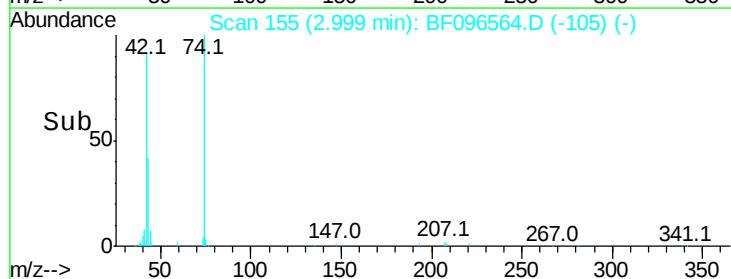
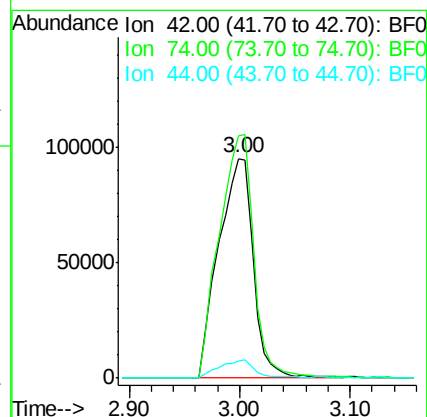
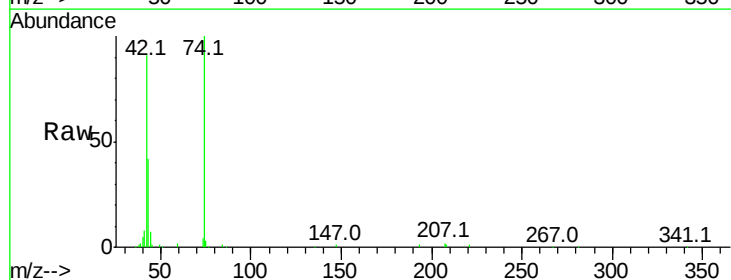
Tgt Ion: 42 Resp: 207223

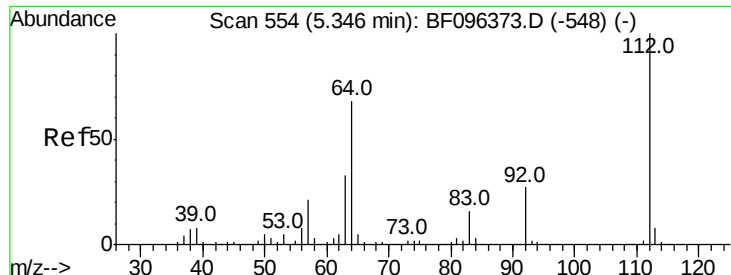
Ion Ratio Lower Upper

42 100

74 110.5 103.9 155.9

44 7.8 5.7 8.5

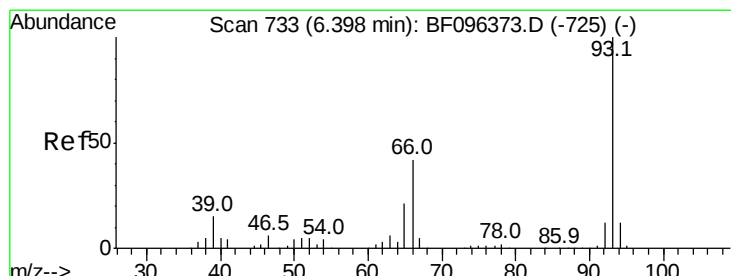
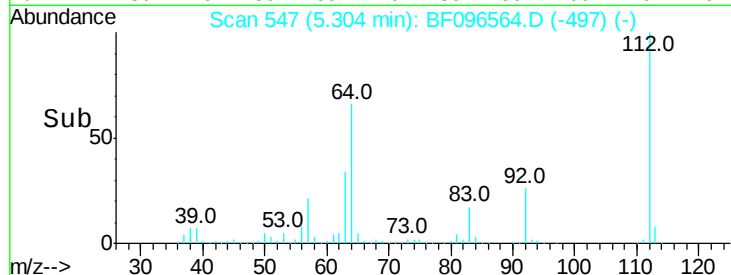
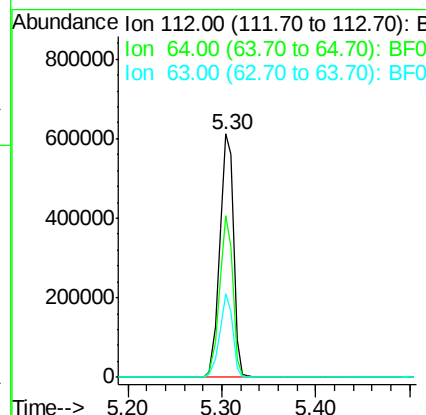
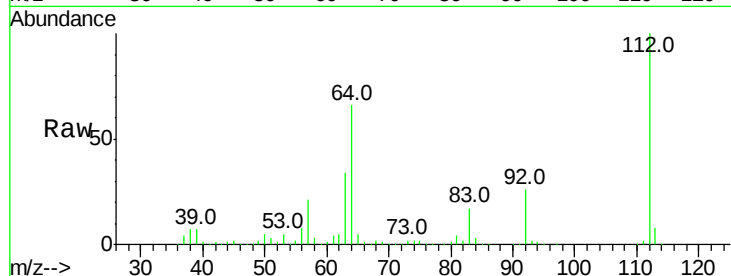




#5
 2-Fluorophenol
 Concen: 75.84 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

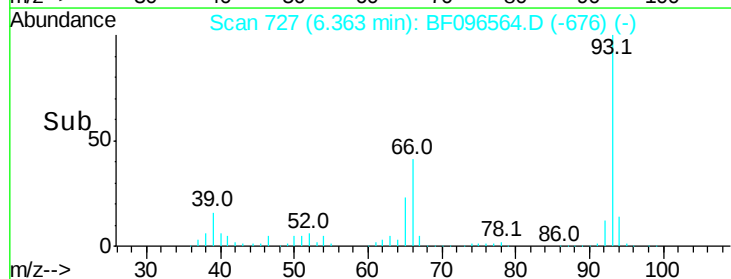
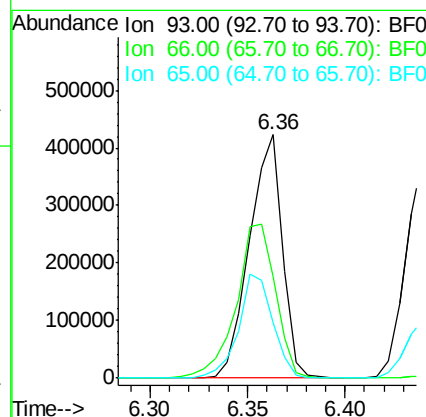
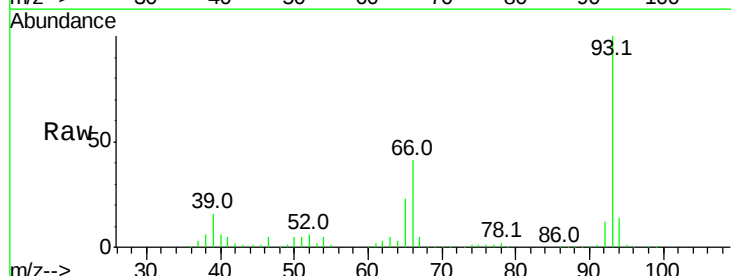
Instrument :
 BNA_F
 ClientSampleId :

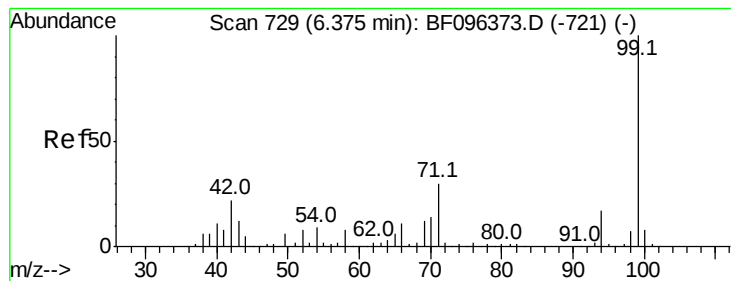
Tot Ion:112 Resp: 638546
 Ion Ratio Lower Upper
 112 100
 64 66.4 46.0 69.0
 63 34.4 23.4 35.0



#6
 Aniline
 Concen: 36.94 ng
 RT: 6.36 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion: 93 Resp: 494193
 Ion Ratio Lower Upper
 93 100
 66 41.4 32.9 49.3
 65 22.7 16.0 24.0





#7

Phenol-d6

Concen: 75.56 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

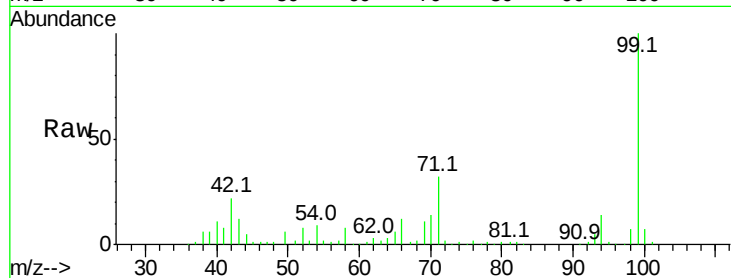
Tot Ion: 99 Resp: 782147

Ion Ratio Lower Upper

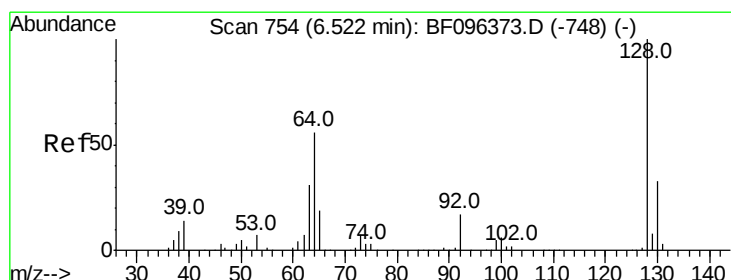
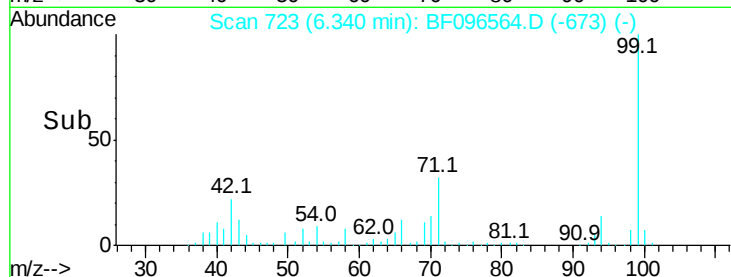
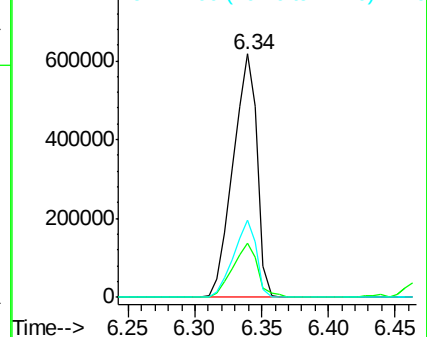
99 100

42 22.2 13.5 20.3#

71 31.6 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: 39.07 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

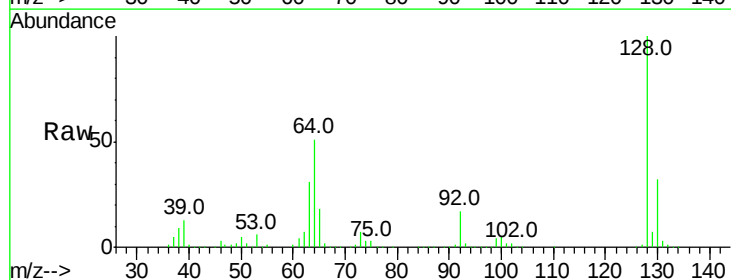
Tgt Ion:128 Resp: 350772

Ion Ratio Lower Upper

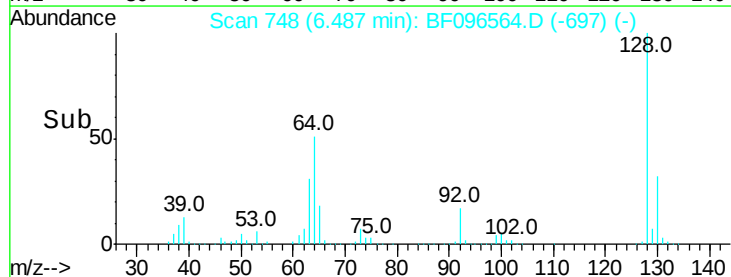
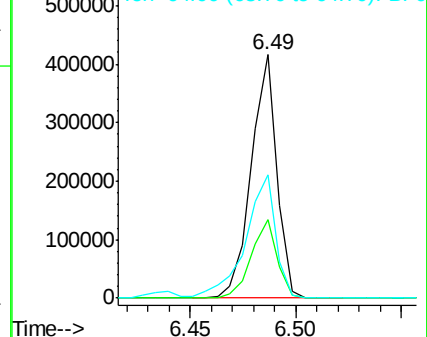
128 100

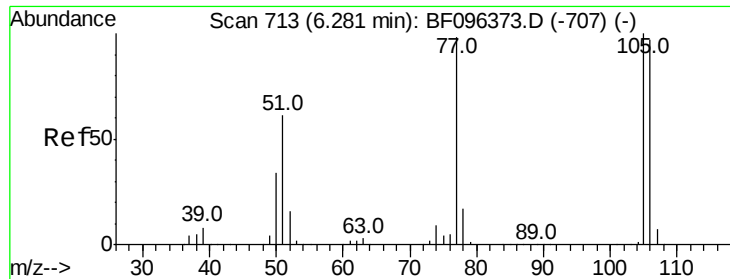
130 32.2 12.9 52.9

64 50.6 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

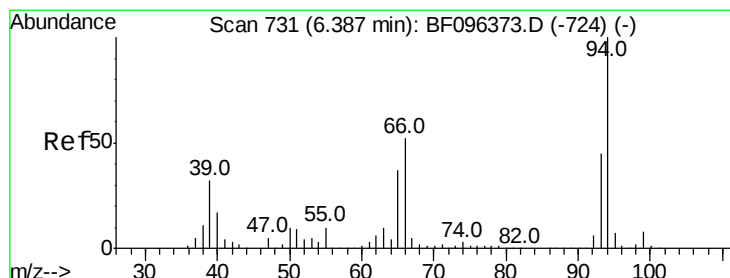
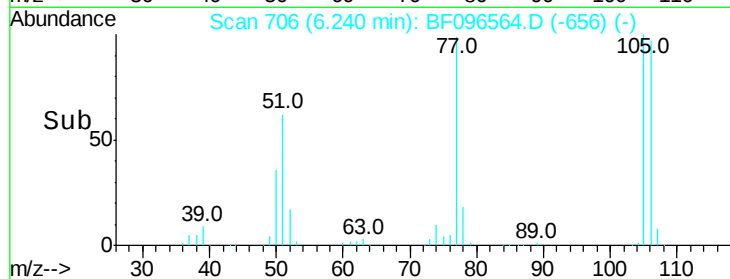
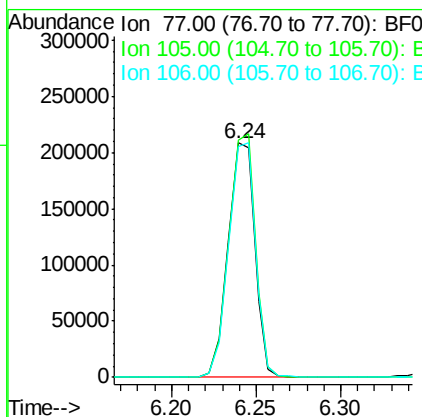
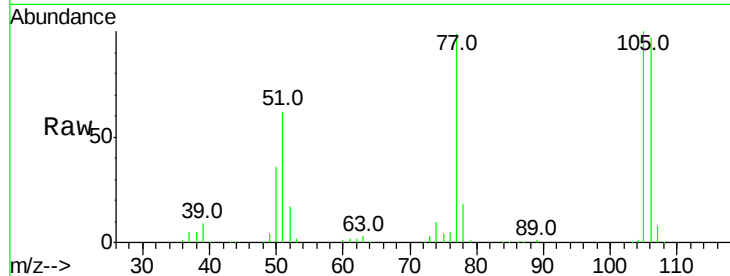




#9
Benzaldehyde
Concen: 35.40 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

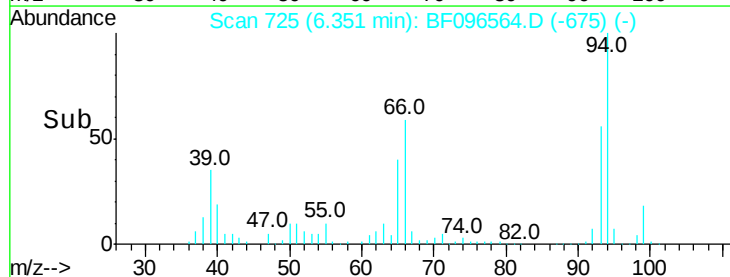
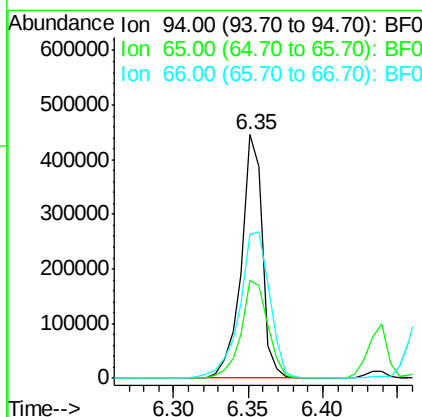
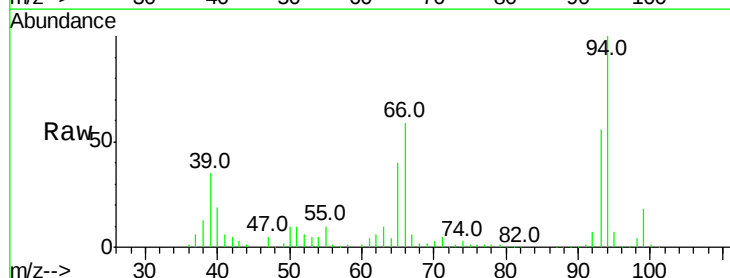
Instrument :
BNA_F
ClientSampled :

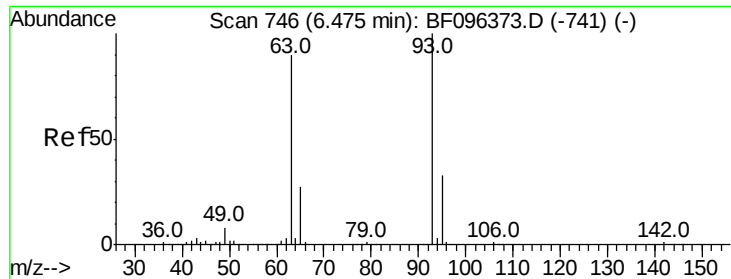
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Ion Ratio Lower Upper
77 100
105 101.4 83.8 123.8
106 98.3 79.1 119.1



#10
Phenol
Concen: 37.08 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion: 94 Resp: 437288
Ion Ratio Lower Upper
94 100
65 40.3 9.9 49.9
66 59.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 36.13 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

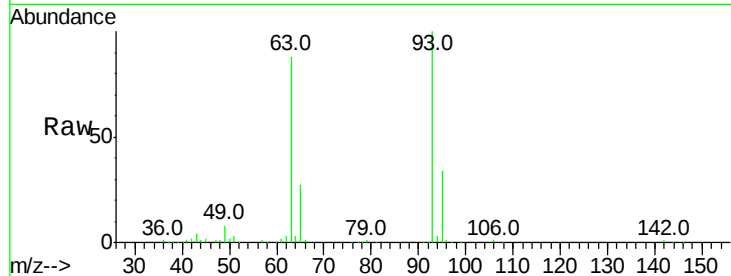
Tot Ion: 93 Resp: 329304

Ion Ratio Lower Upper

93 100

63 87.9 59.2 99.2

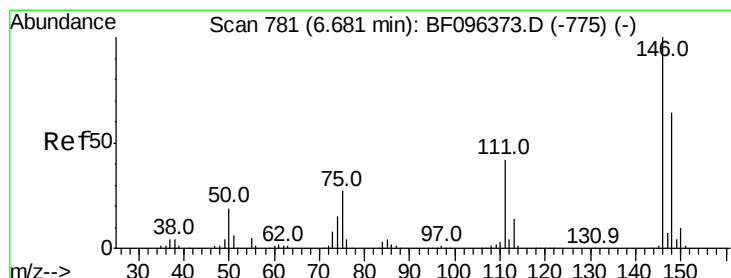
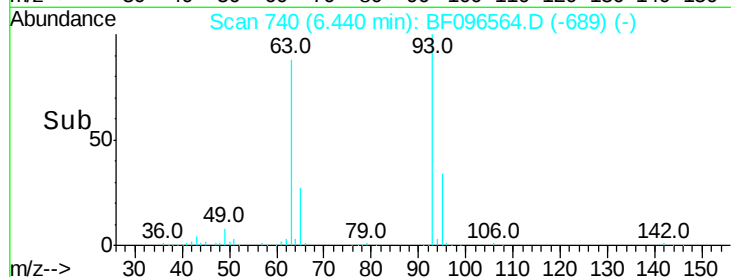
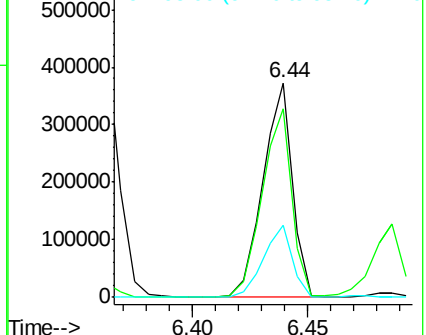
95 33.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.12 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

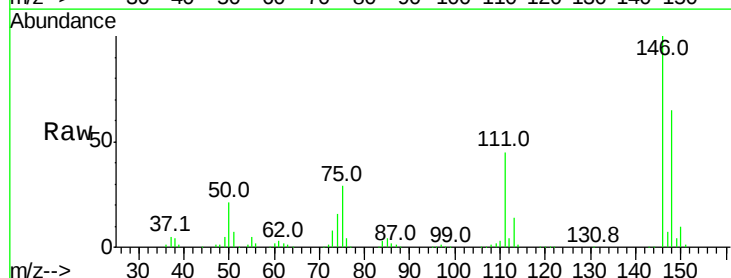
Tgt Ion: 146 Resp: 368269

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

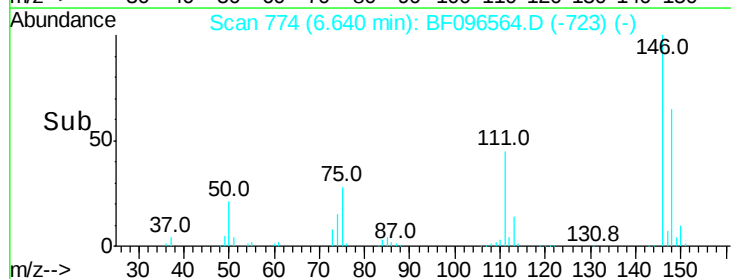
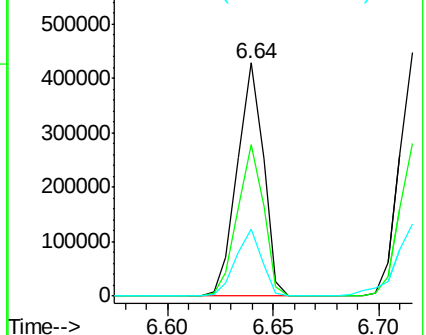
75 28.5 23.1 34.7

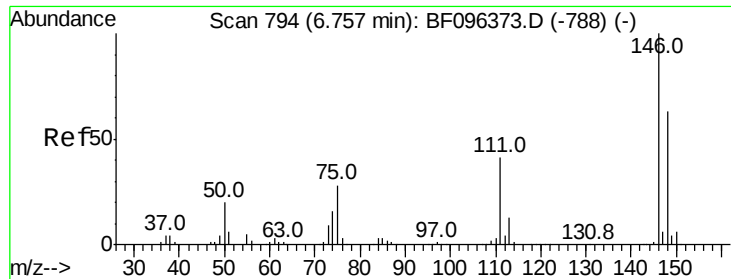


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.83 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

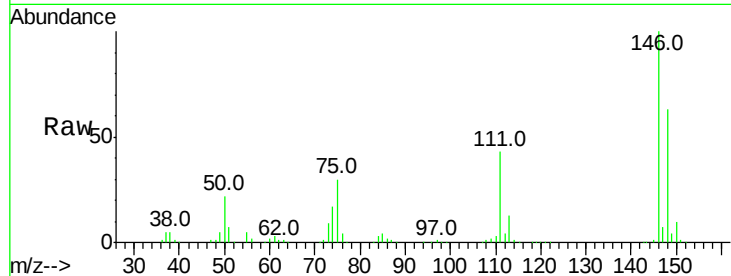
Tot Ion:146 Resp: 374794

Ion Ratio Lower Upper

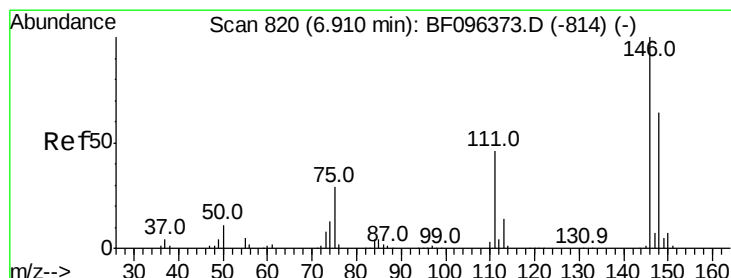
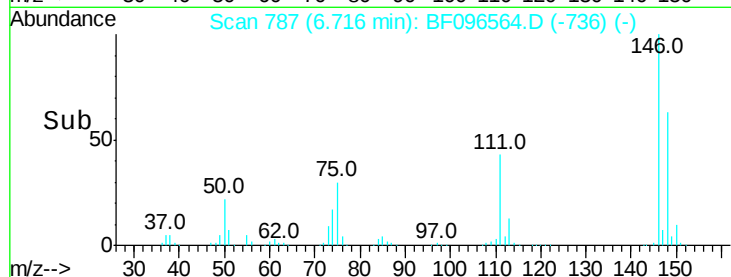
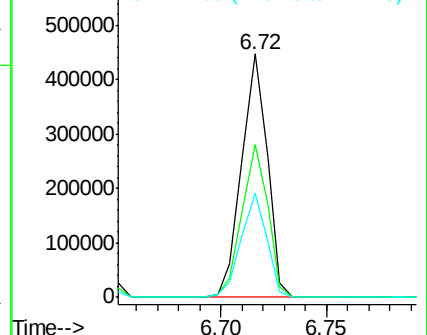
146 100

148 62.8 52.2 78.2

111 42.6 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: 39.53 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

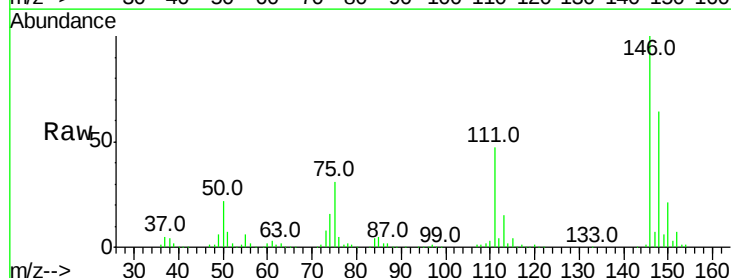
Tgt Ion:146 Resp: 341578

Ion Ratio Lower Upper

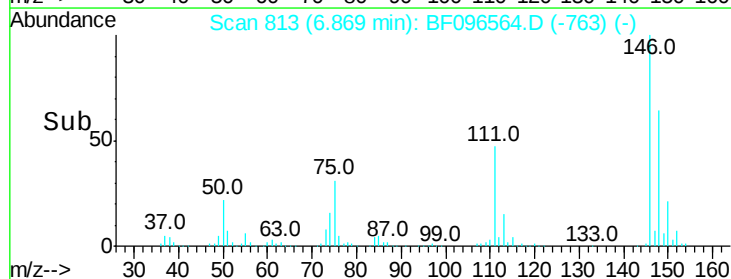
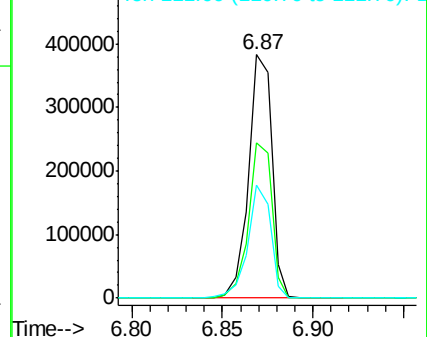
146 100

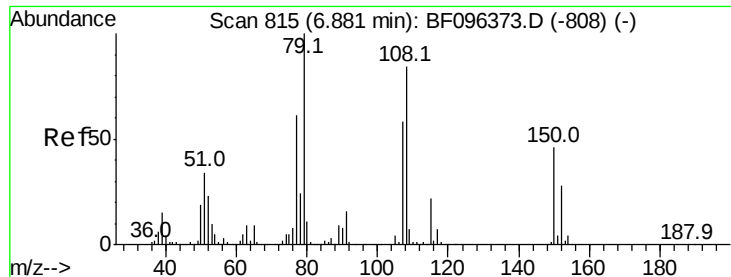
148 63.5 50.4 75.6

111 46.7 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: 37.80 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

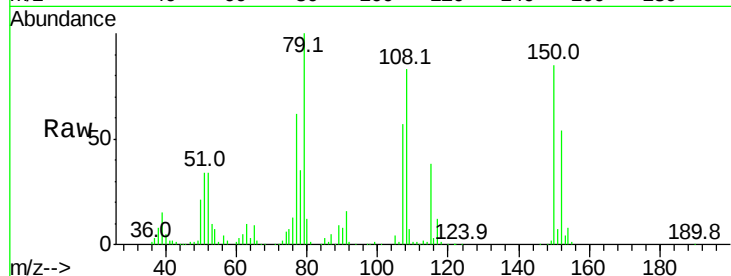
Tot Ion: 79 Resp: 261532

Ion Ratio Lower Upper

79 100

108 83.0 63.4 95.0

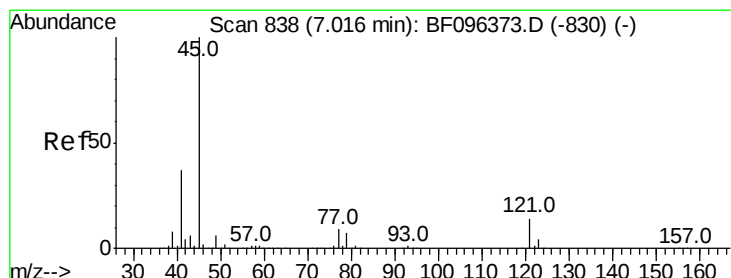
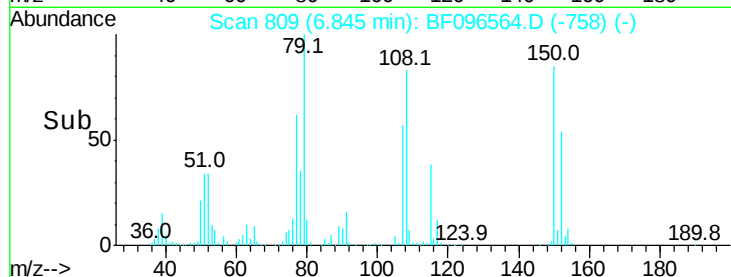
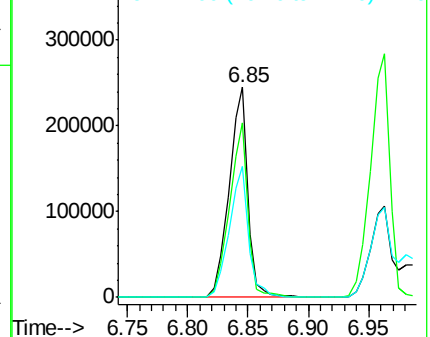
77 62.5 49.2 73.8



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: 37.07 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

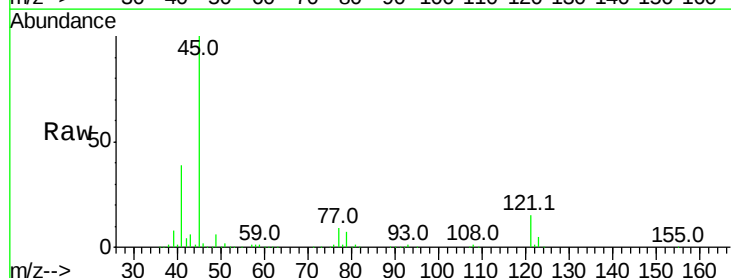
Tgt Ion: 45 Resp: 686714

Ion Ratio Lower Upper

45 100

77 9.3 0.0 33.2

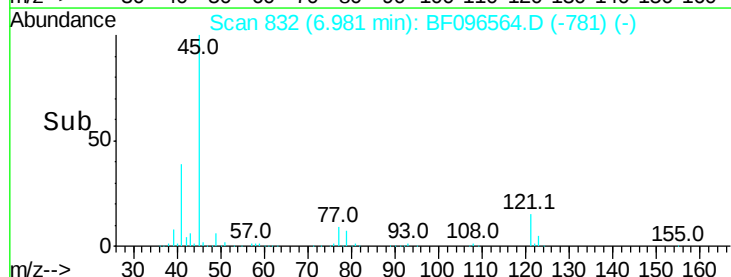
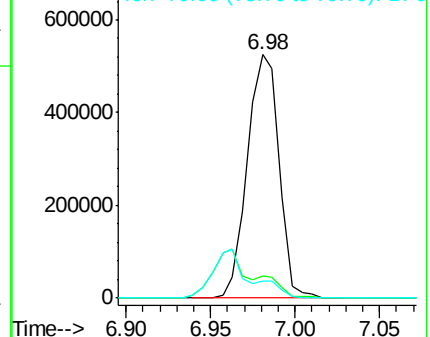
79 7.1 0.0 30.0

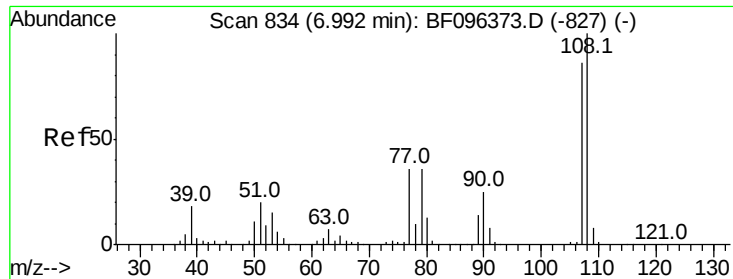


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

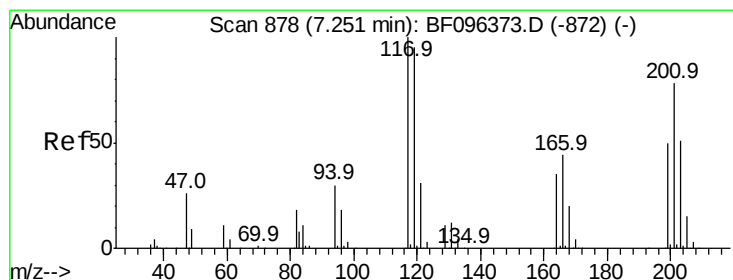
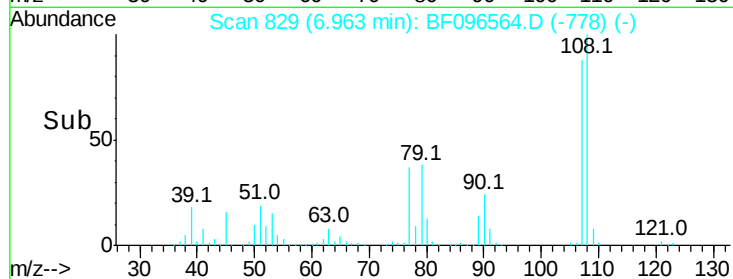
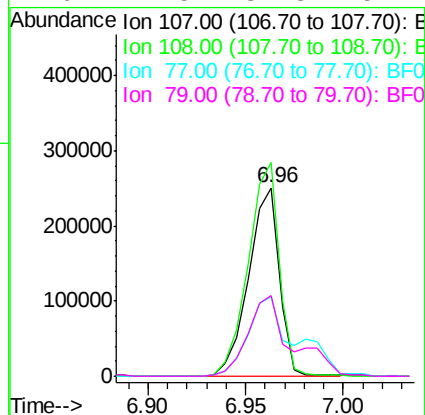
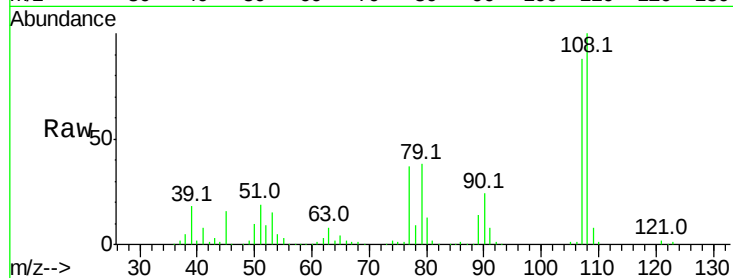




#17
2-Methylphenol
Concen: 38.41 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

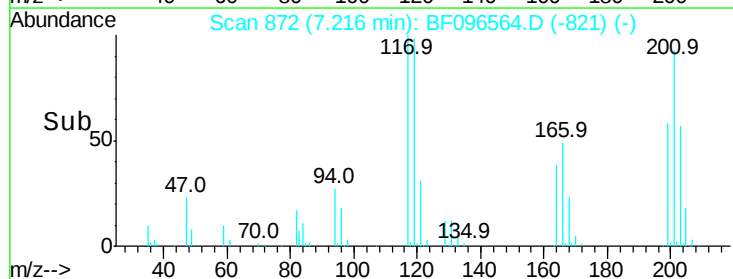
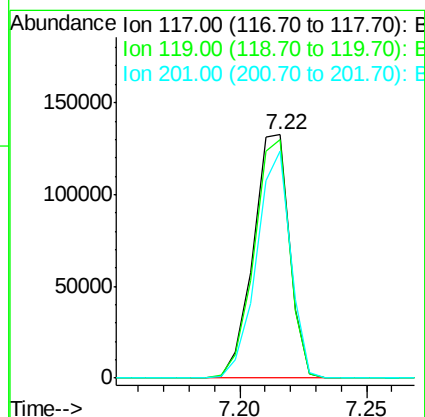
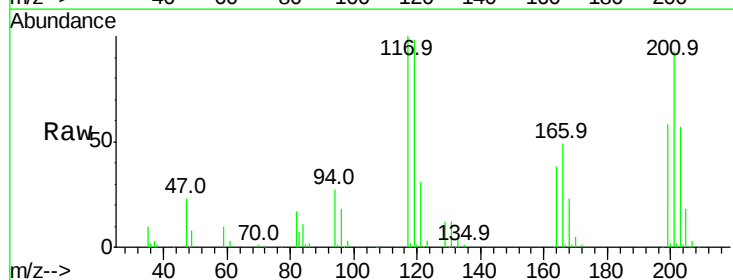
Instrument :
BNA_F
ClientSampleId :

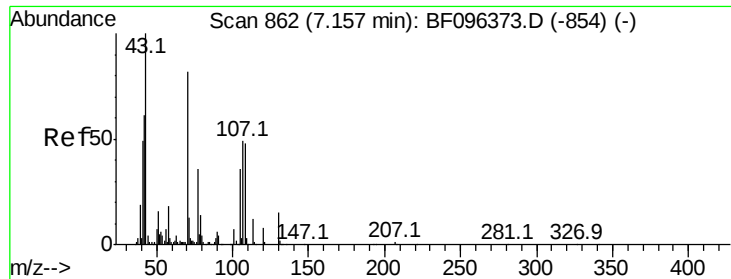
Tot Ion:107 Resp: 274879
Ion Ratio Lower Upper
107 100
108 113.2 93.4 140.0
77 41.9 35.8 53.6
79 42.5 34.8 52.2



#18
Hexachloroethane
Concen: 38.90 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:117 Resp: 132714
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.0
201 93.4 94.6 141.8#

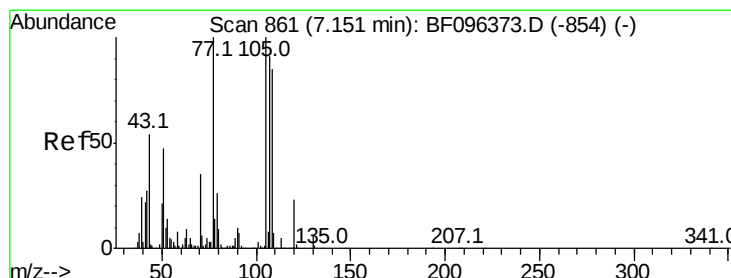
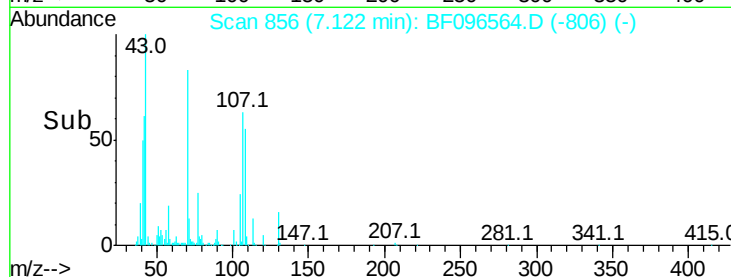
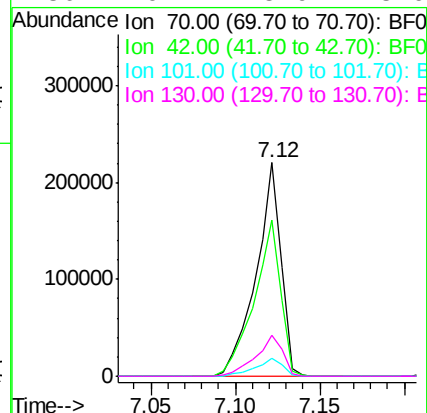
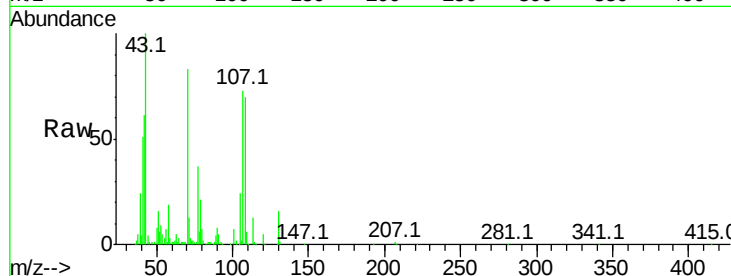




#19
n-Nitroso-di-n-propylamine
Concen: 36.98 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

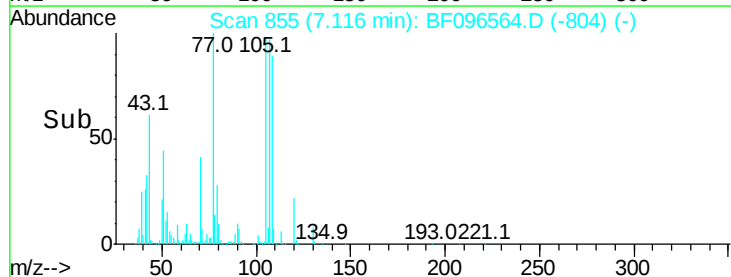
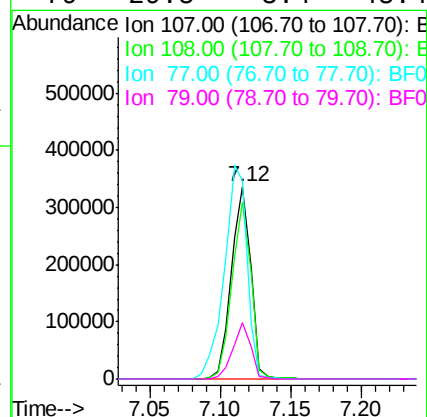
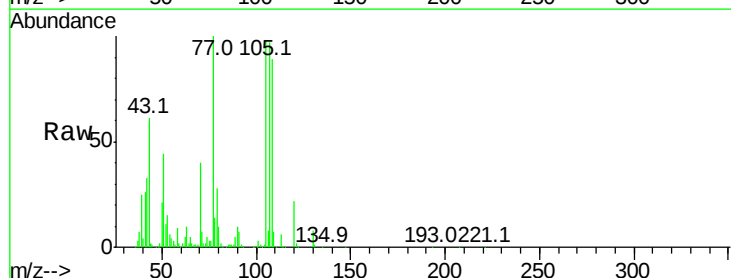
Instrument :
BNA_F
ClientSampleId :

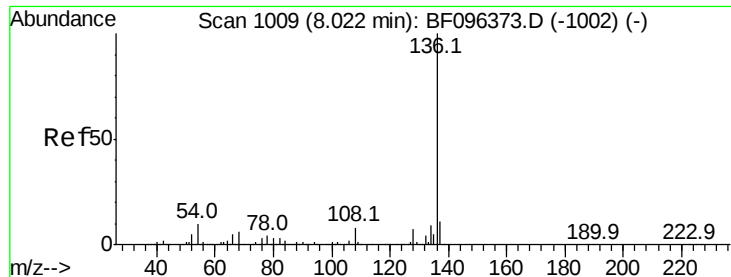
Tot Ion: 70 Resp: 228034
Ion Ratio Lower Upper
70 100
42 73.0 47.2 70.8#
101 8.6 7.2 10.8
130 19.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 40.41 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:107 Resp: 322512
Ion Ratio Lower Upper
107 100
108 92.0 71.0 111.0
77 103.6 90.5 130.5
79 29.5 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

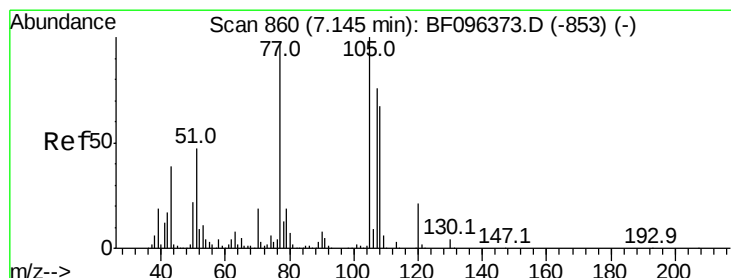
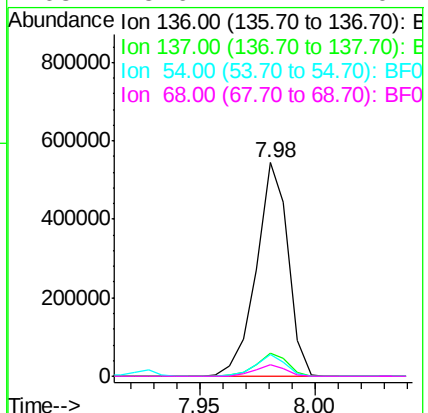
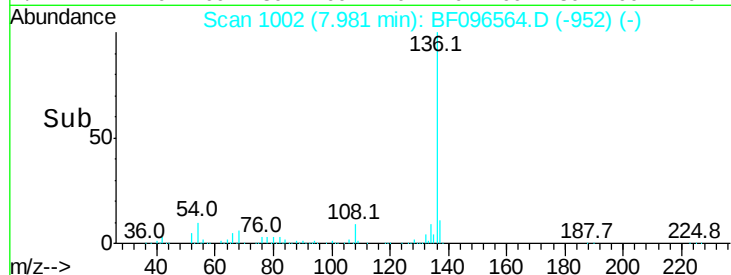
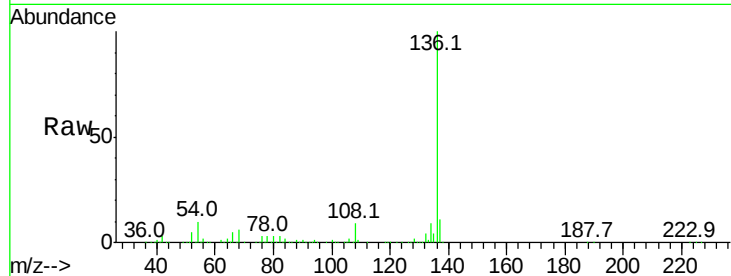
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 521032

Ion Ratio Lower Upper

136	100		
137	11.0	8.5	12.7
54	10.2	4.9	7.3#
68	5.6	4.1	6.1



#22

Acetophenone

Concen: 38.63 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

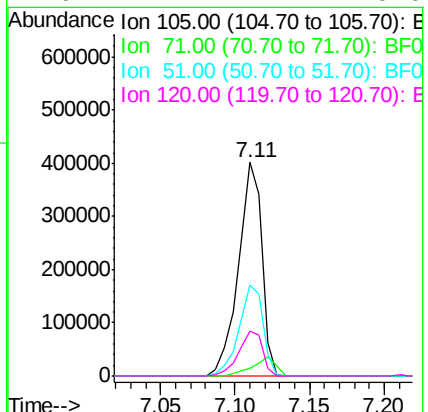
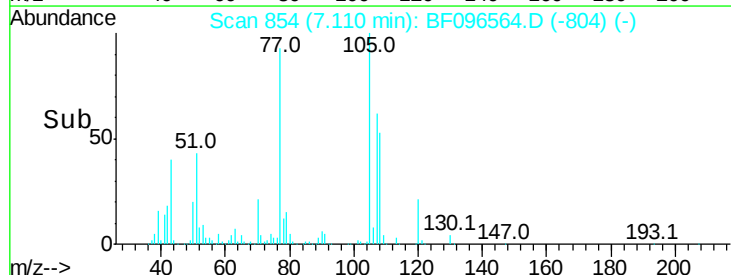
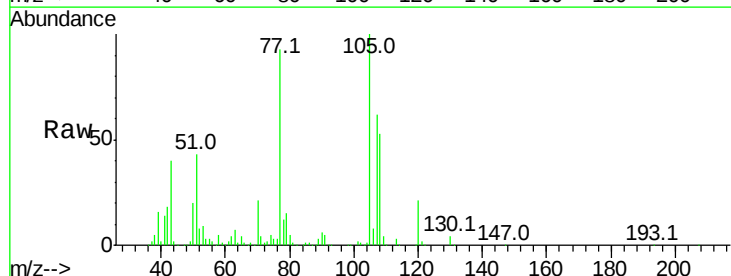
Lab File: BF096564.D

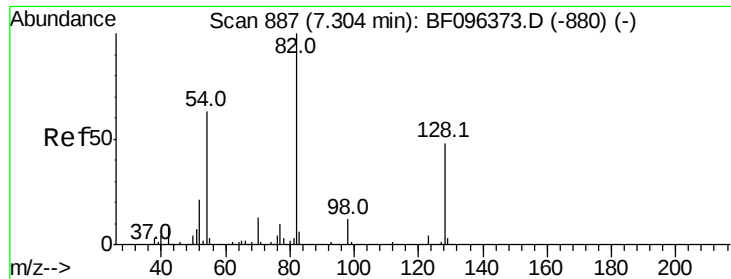
Acq: 7 Jul 2017 17:35

Tgt Ion:105 Resp: 439792

Ion Ratio Lower Upper

105	100		
71	3.6	2.8	4.2
51	42.7	30.7	46.1
120	21.2	17.4	26.0

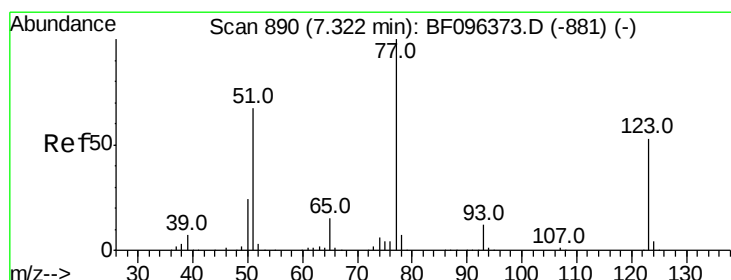
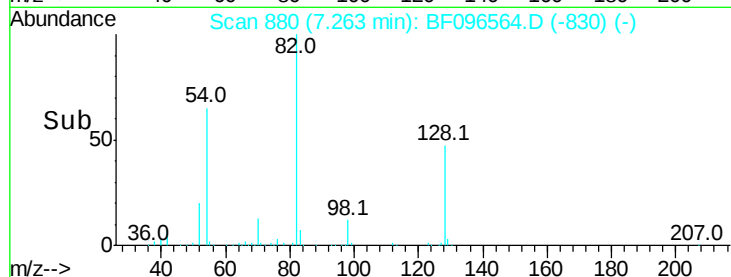
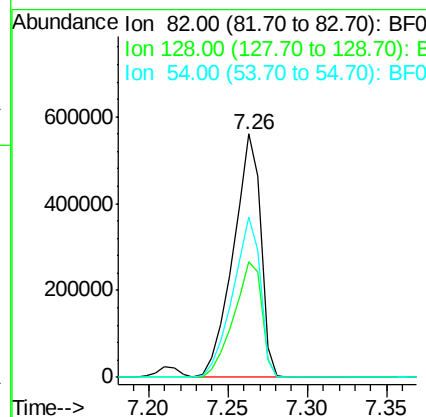
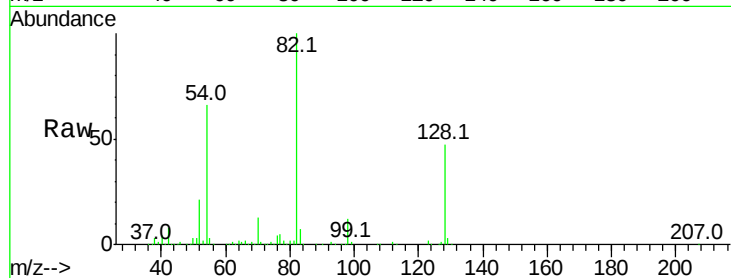




#23
Nitrobenzene-d5
Concen: 77.44 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

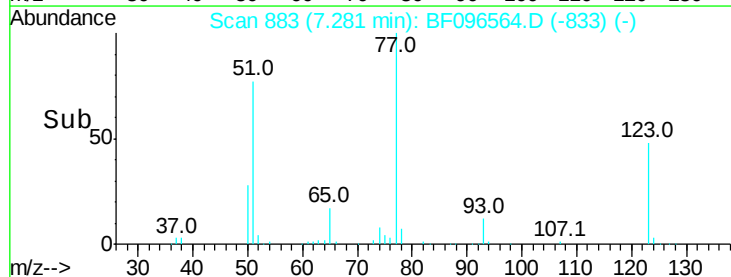
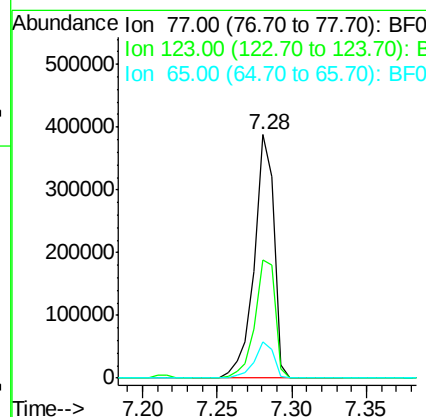
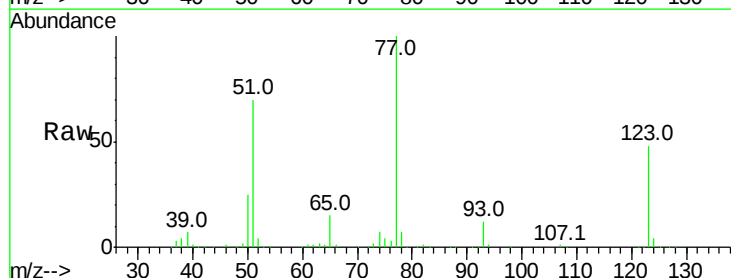
Instrument :
BNA_F
ClientSampleId :

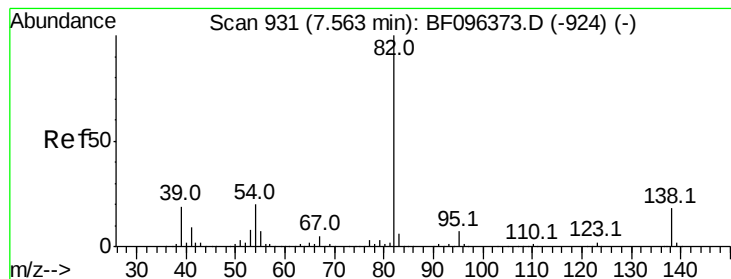
Tot Ion: 82 Resp: 671451
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 65.6 42.2 63.2#



#24
Nitrobenzene
Concen: 38.74 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion: 77 Resp: 352385
Ion Ratio Lower Upper
77 100
123 48.3 35.8 53.8
65 15.1 10.6 15.8





#25

Isophorone

Concen: 36.59 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

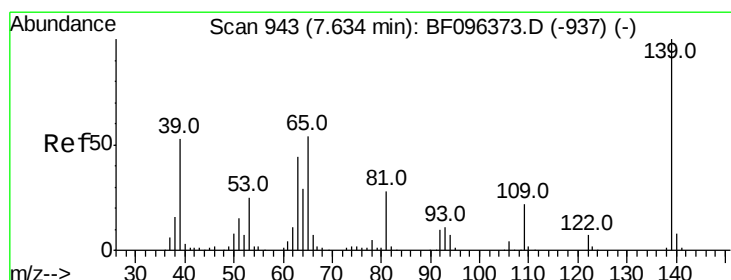
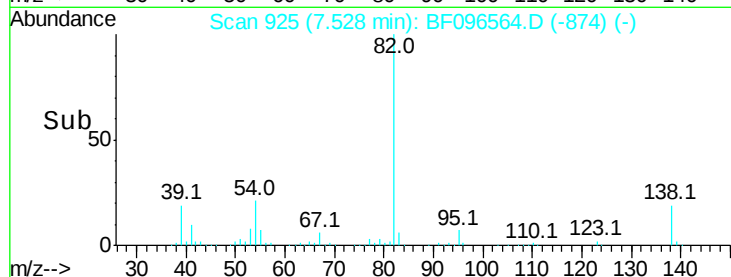
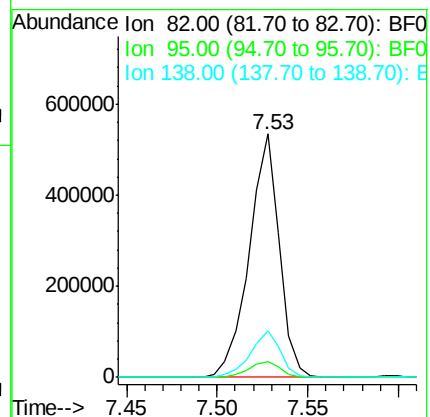
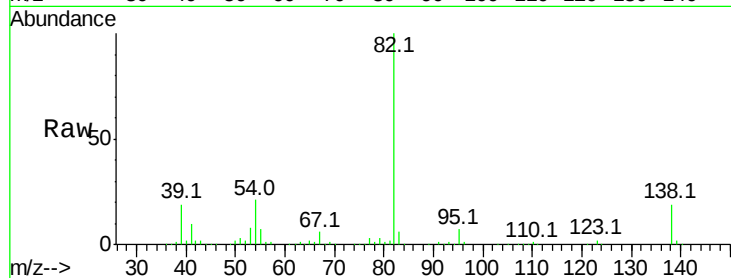
Tot Ion: 82 Resp: 615193

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 40.97 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

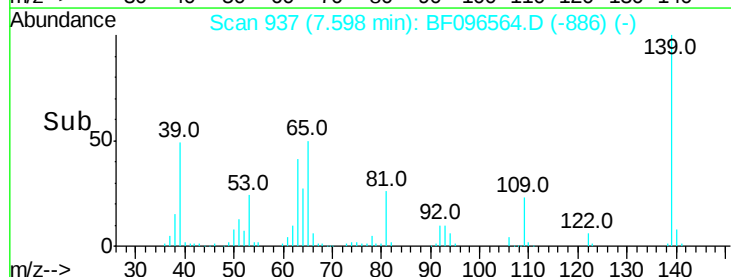
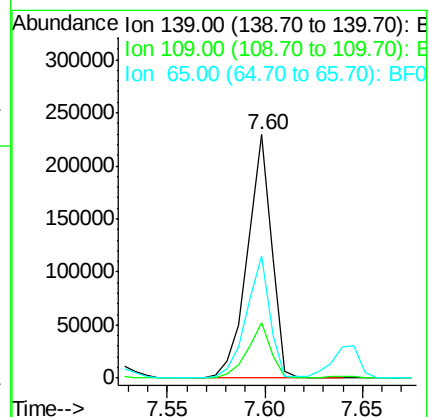
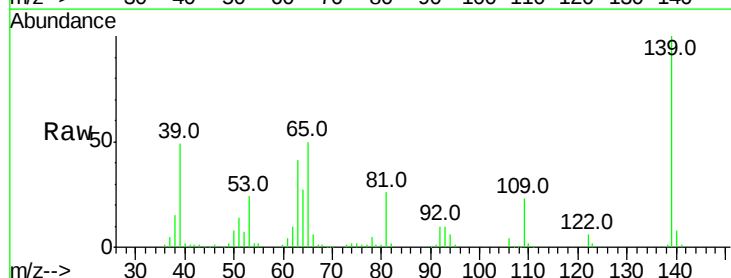
Tgt Ion:139 Resp: 197242

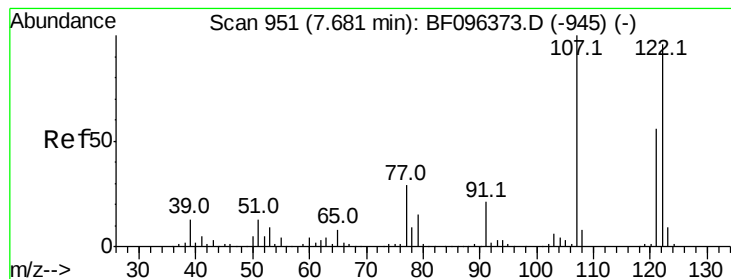
Ion Ratio Lower Upper

139 100

109 22.9 21.0 31.6

65 50.3 33.0 49.6#

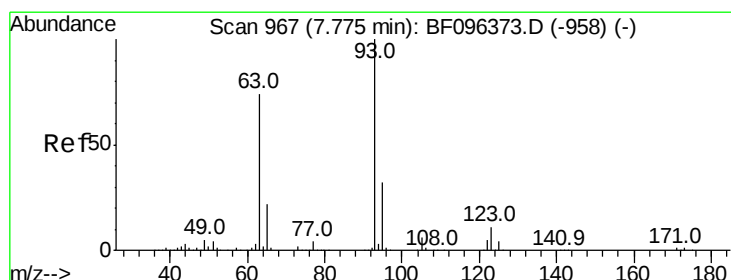
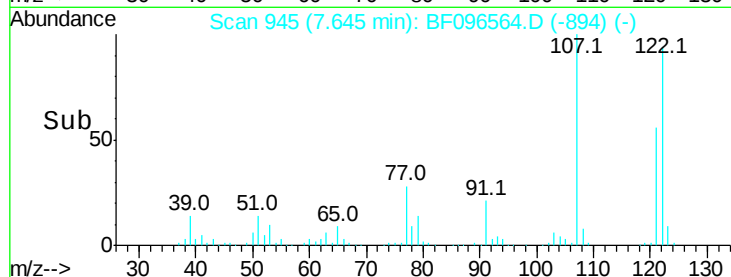
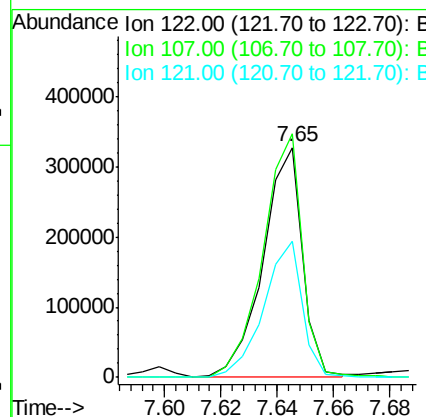
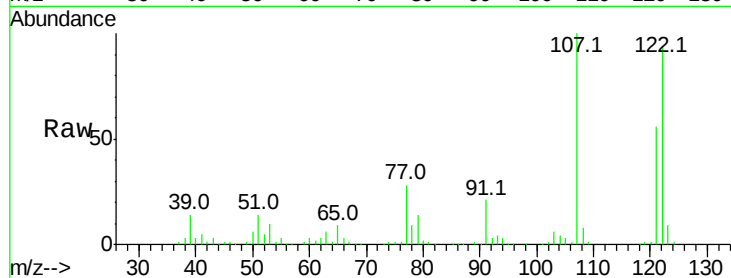




#27
 2,4-Dimethylphenol
 Concen: 38.59 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

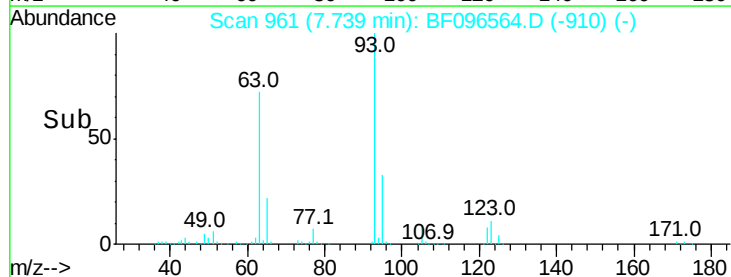
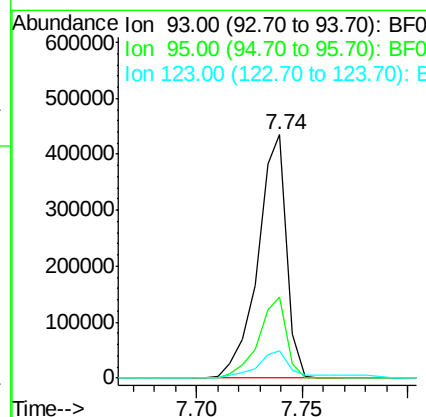
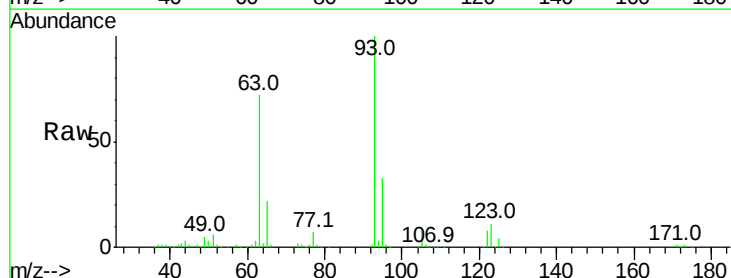
Instrument :
 BNA_F
 ClientSampled :

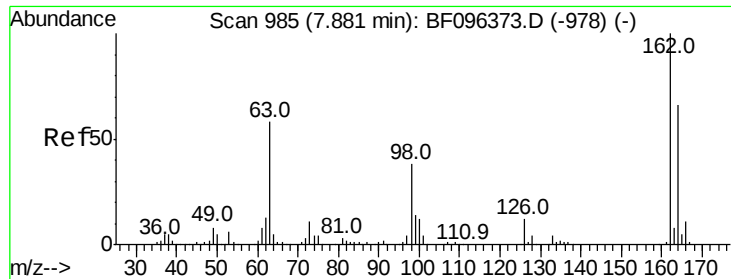
Tot Ion:122 Resp: 316343
 Ion Ratio Lower Upper
 122 100
 107 106.1 89.2 133.8
 121 59.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.00 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion: 93 Resp: 410664
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.5 39.7
 123 11.4 9.0 13.4

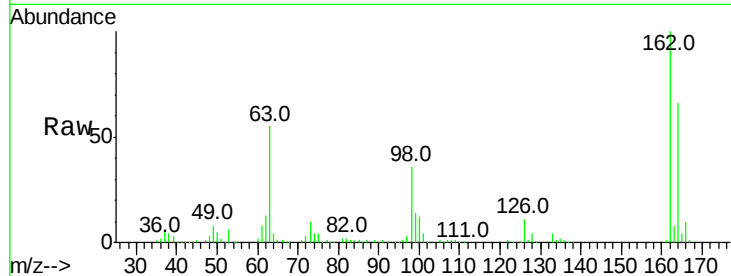




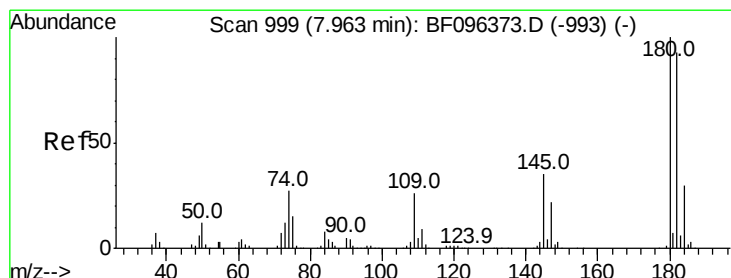
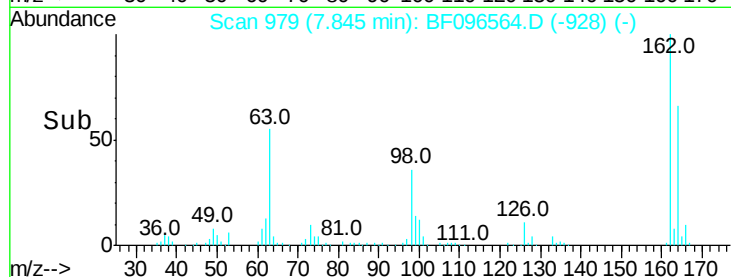
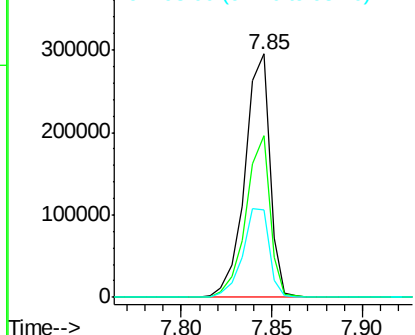
#29
 2,4-Dichlorophenol
 Concen: 40.05 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.6	84.6
98	35.9	14.8	54.8

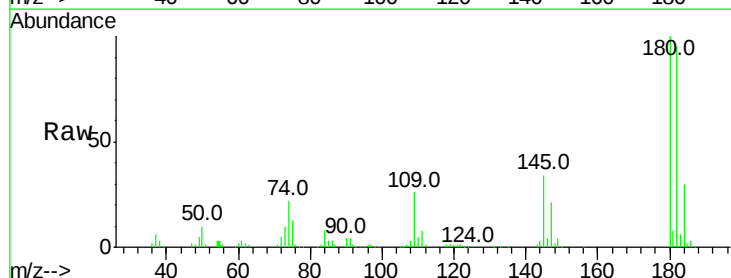


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

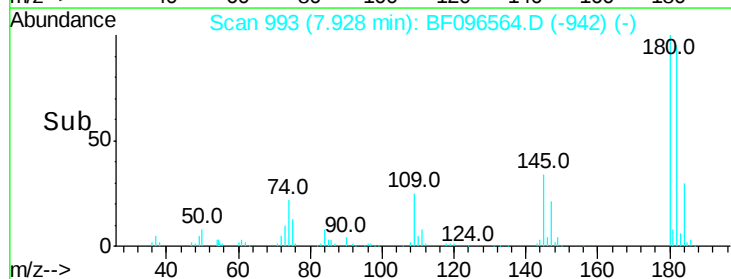
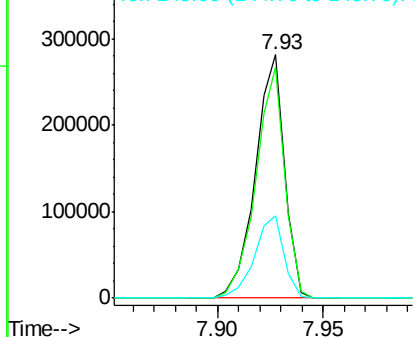


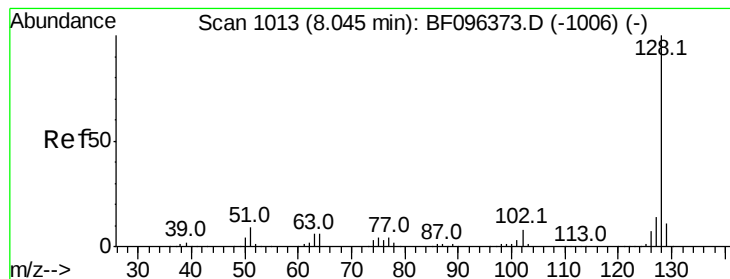
#30
 1,2,4-Trichlorobenzene
 Concen: 40.51 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	33.8	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: 39.54 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampled :

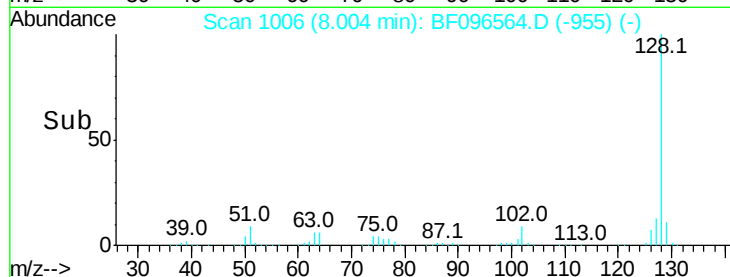
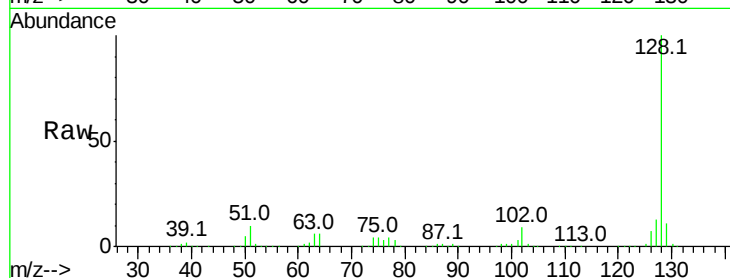
Tot Ion:128 Resp: 972479

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

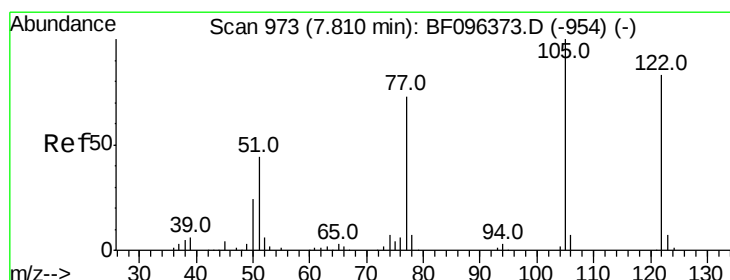
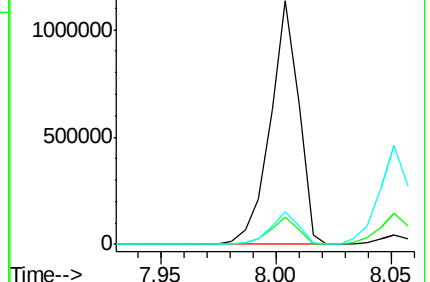
127 13.2 10.8 16.2



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: 30.09 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

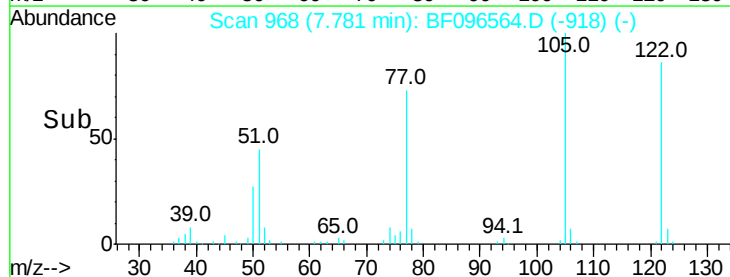
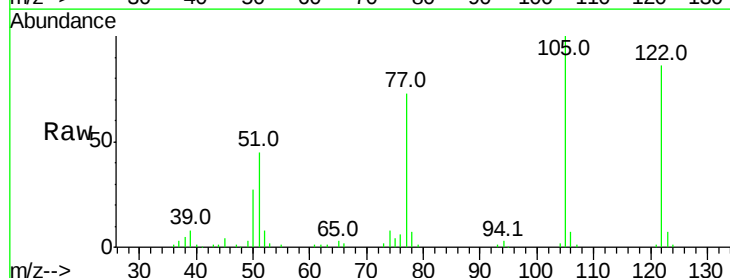
Tgt Ion:122 Resp: 207166

Ion Ratio Lower Upper

122 100

105 115.9 103.3 143.3

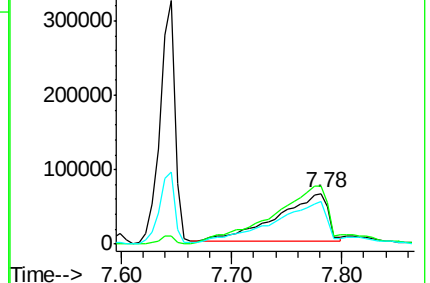
77 84.3 73.7 113.7

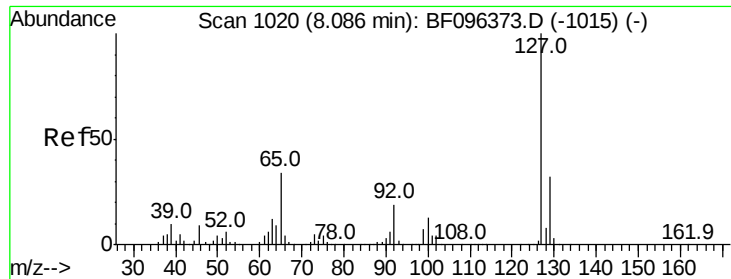


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

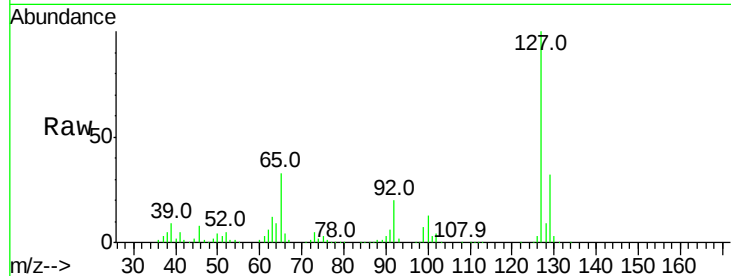




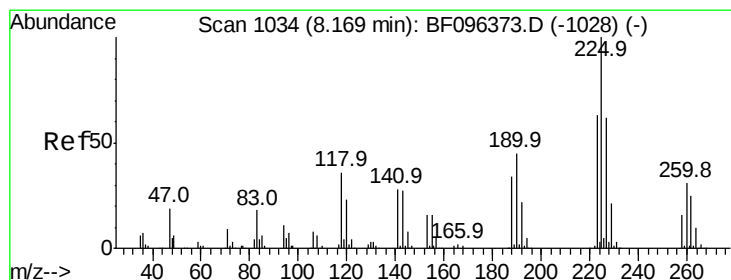
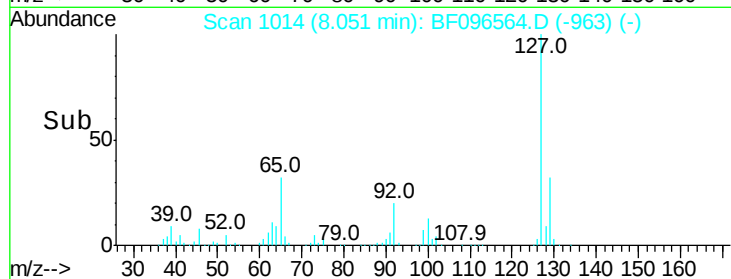
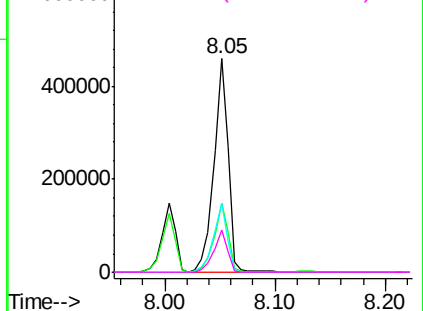
#33
4-Chloroaniline
Concen: 39.71 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	405729
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	32.6	27.8	41.8
92	19.7	16.8	25.2

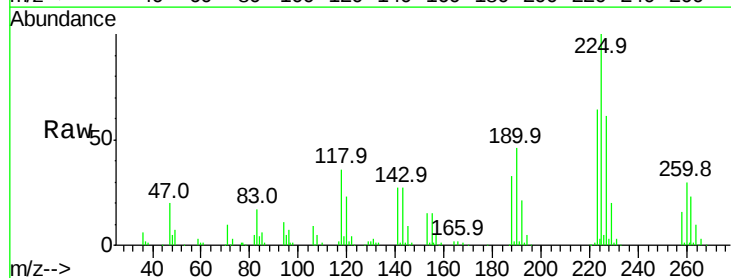


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

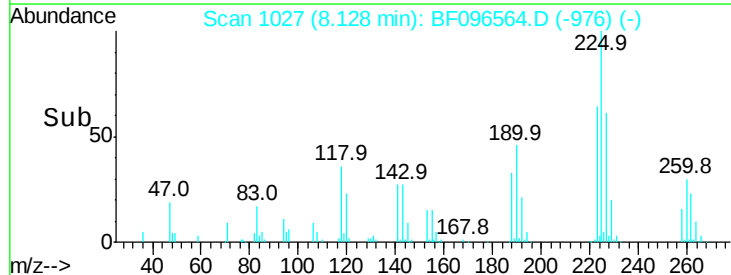
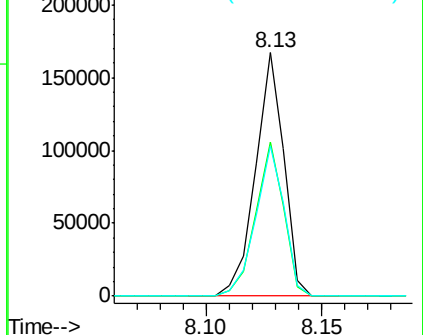


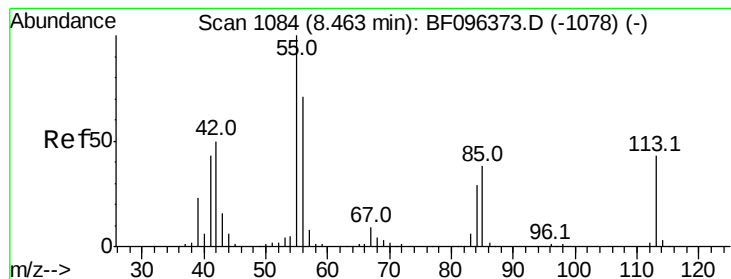
#34
Hexachlorobutadiene
Concen: 41.77 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:	225	Resp:	142927
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	61.5	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: 37.76 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

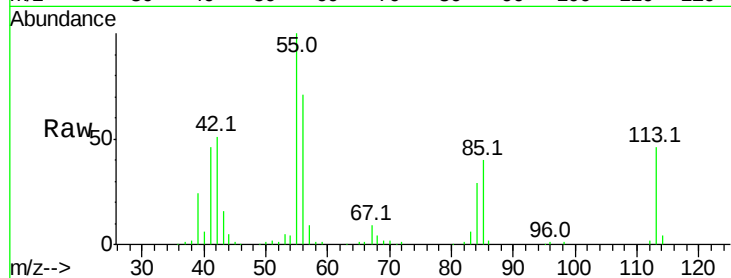
Tot Ion:113 Resp: 92102

Ion Ratio Lower Upper

113 100

55 219.1 150.2 190.2#

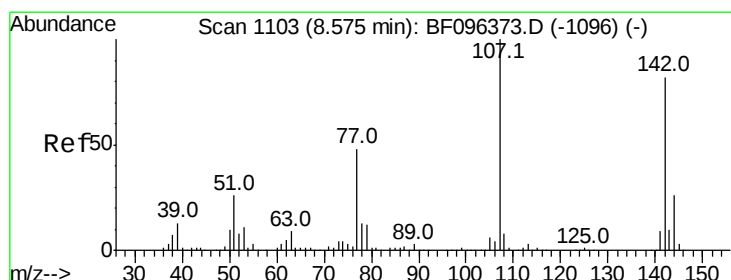
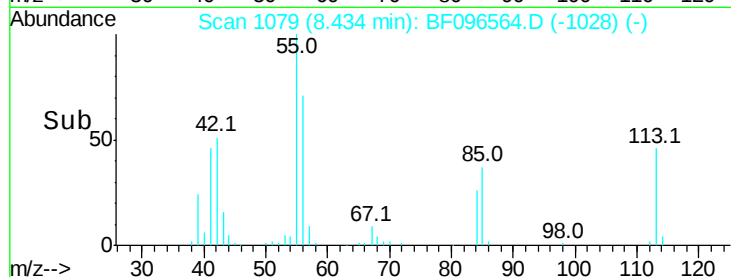
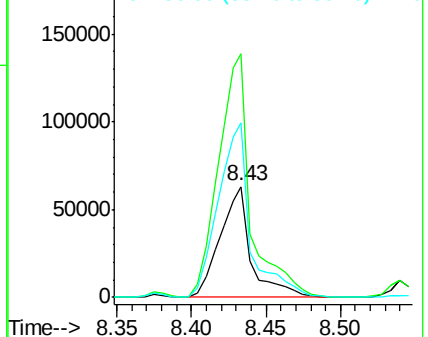
56 156.6 107.8 147.8#



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: 39.71 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

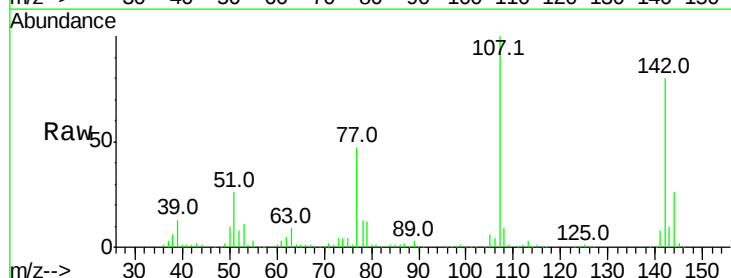
Tgt Ion:107 Resp: 310820

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

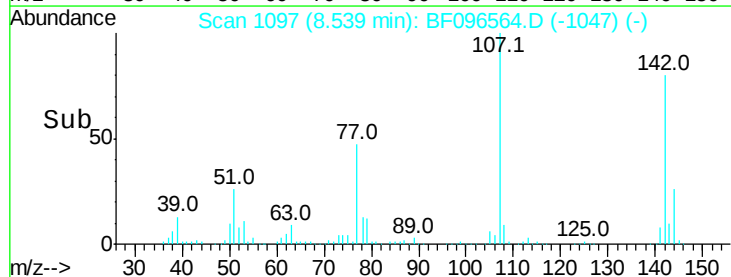
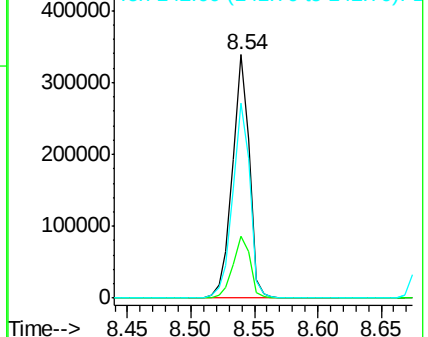
142 80.2 73.4 110.0

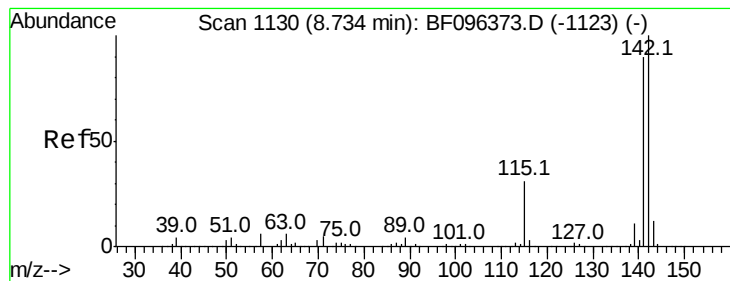


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.18 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

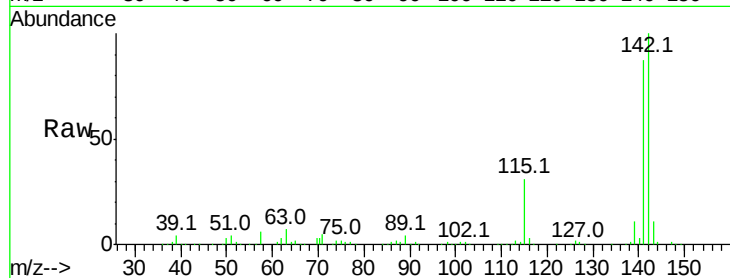
Tot Ion:142 Resp: 629189

Ion Ratio Lower Upper

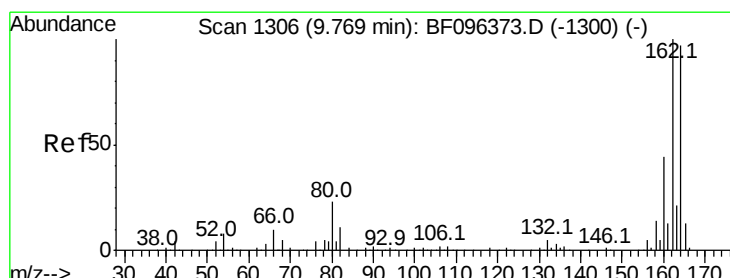
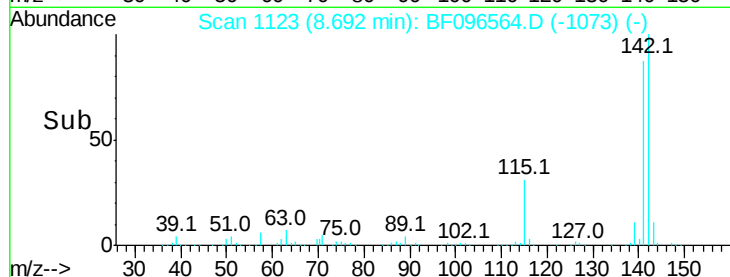
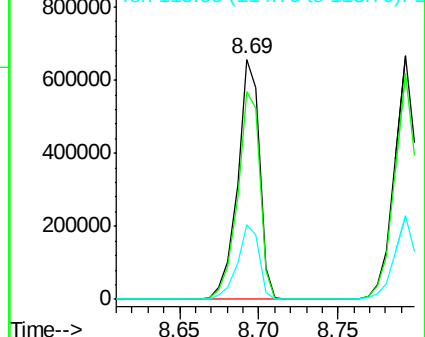
142 100

141 86.8 71.3 106.9

115 31.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

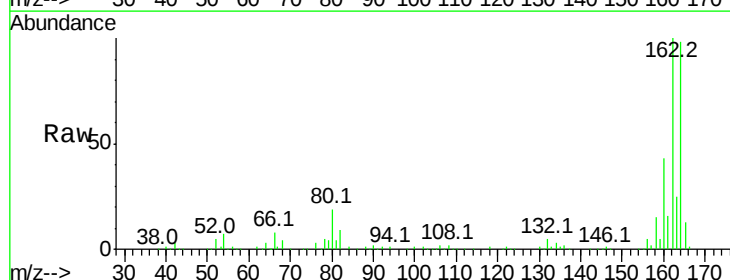
Tgt Ion:164 Resp: 230546

Ion Ratio Lower Upper

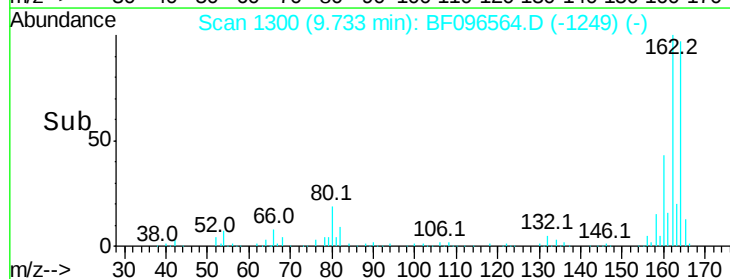
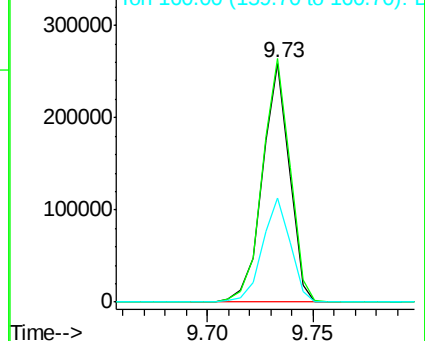
164 100

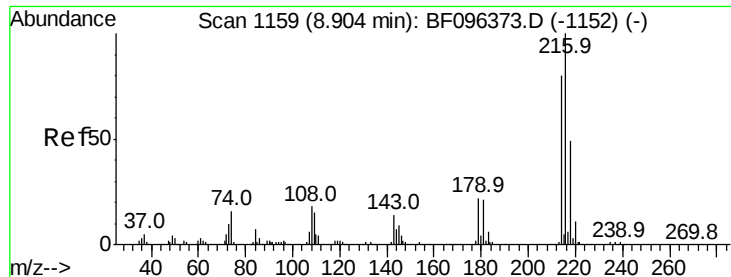
162 102.0 82.6 123.8

160 43.6 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.90 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 244807

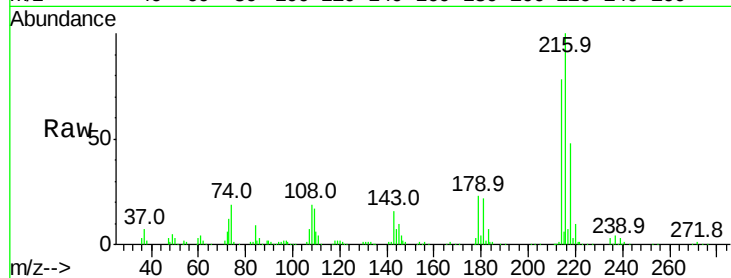
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.1 17.9 26.9

108 20.2 16.5 24.7

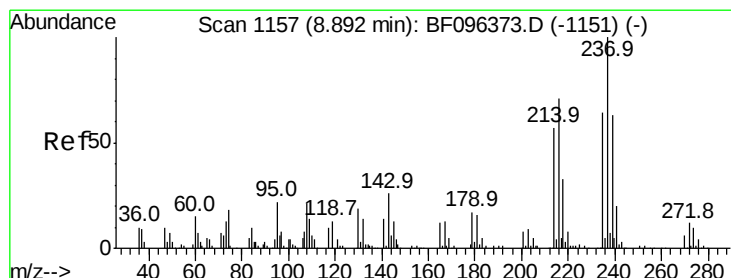
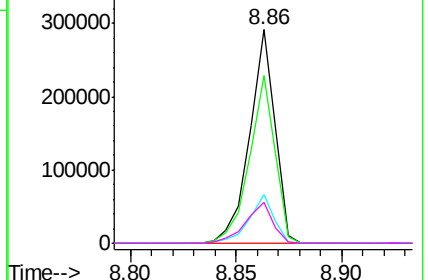
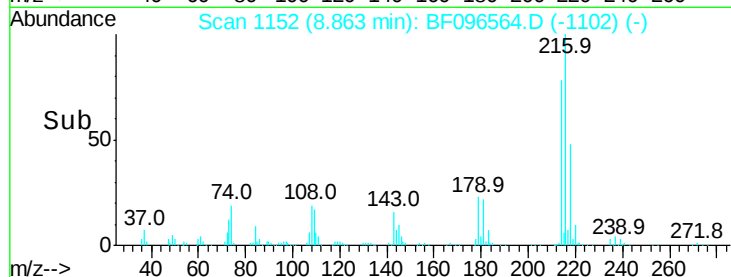


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.49 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

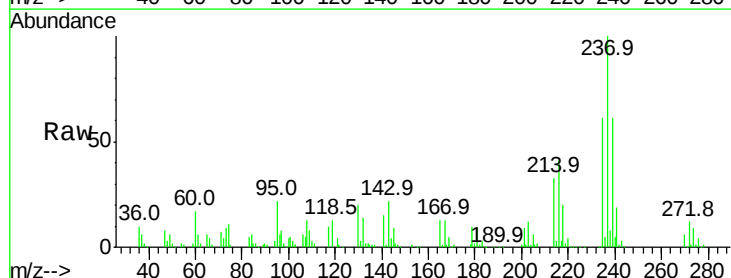
Tgt Ion:237 Resp: 106199

Ion Ratio Lower Upper

237 100

235 61.4 42.6 82.6

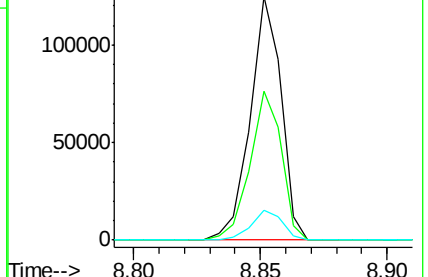
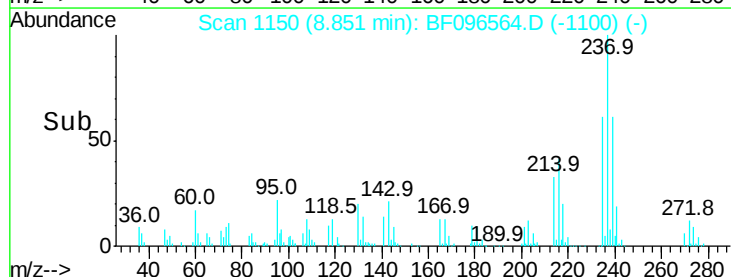
272 12.3 0.0 31.9

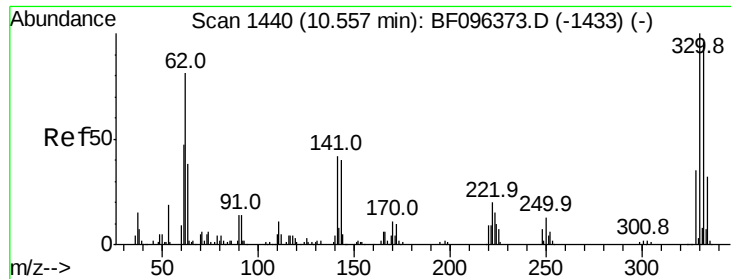


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

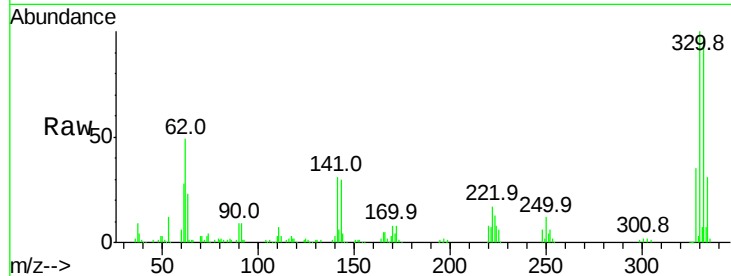




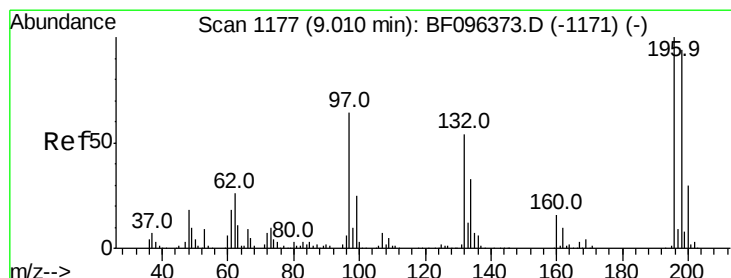
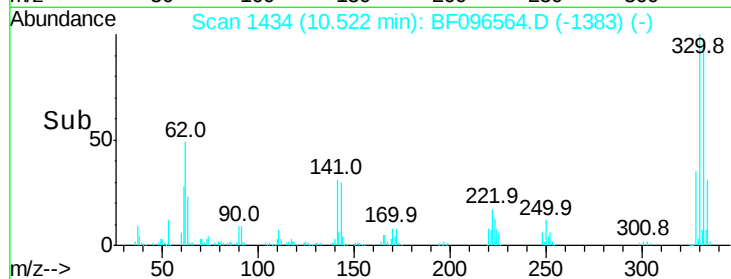
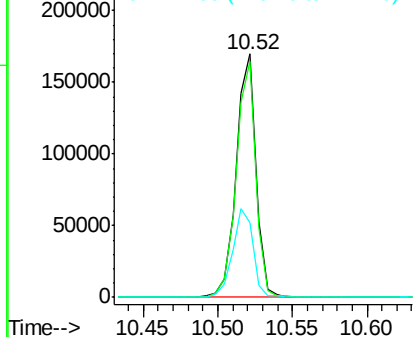
#41
 2,4,6-Tribromophenol
 Concen: 87.89 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 158282
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 38.0 31.4 47.2

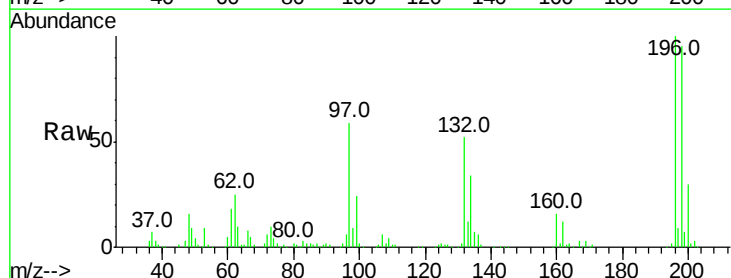


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

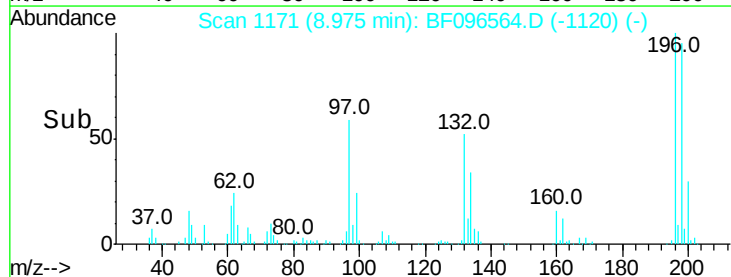
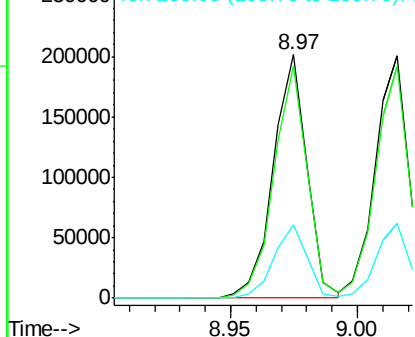


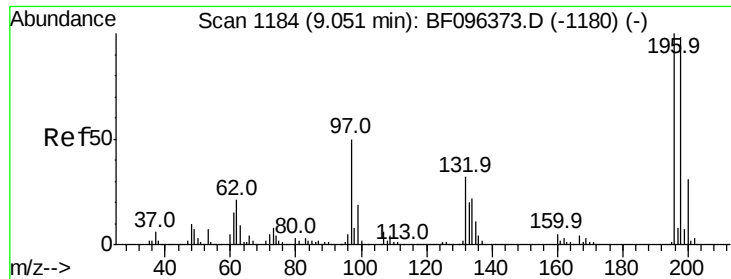
#42
 2,4,6-Trichlorophenol
 Concen: 39.21 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion:196 Resp: 185673
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 30.3 24.0 36.0



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

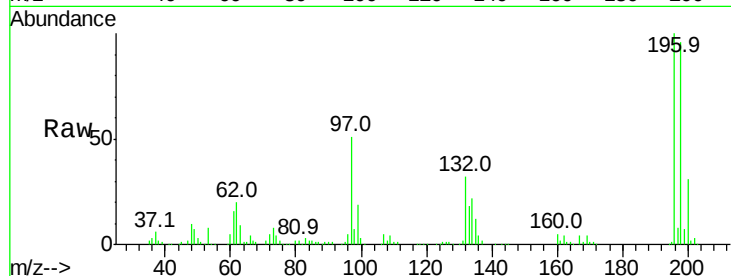




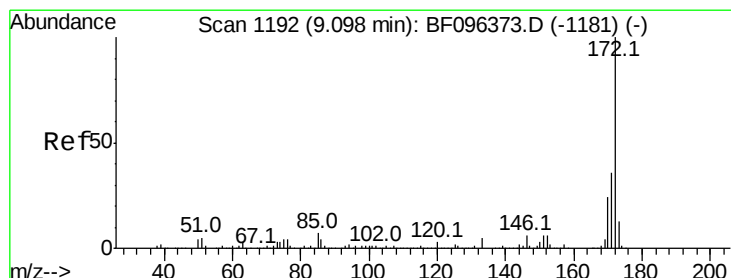
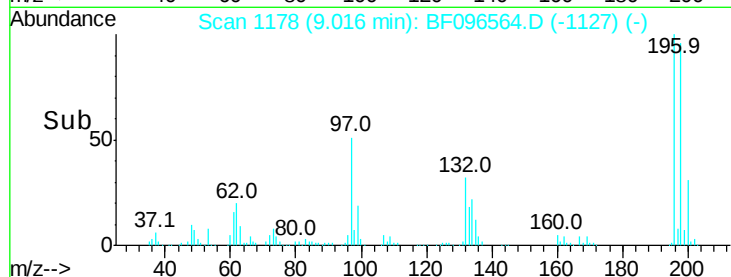
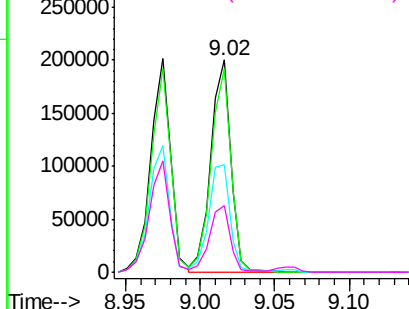
#43
 2,4,5-Trichlorophenol
 Concen: 39.89 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 186776
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 97 50.6 47.7 71.5
 132 31.5 28.0 42.0

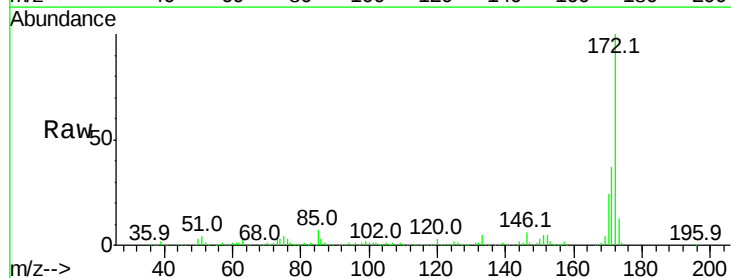


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

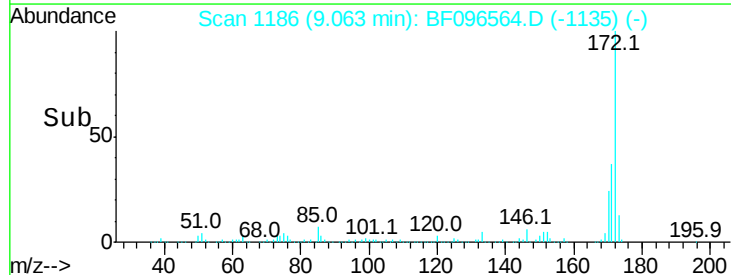
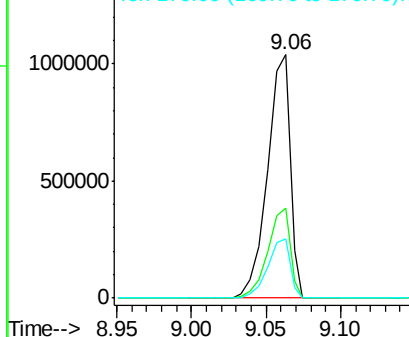


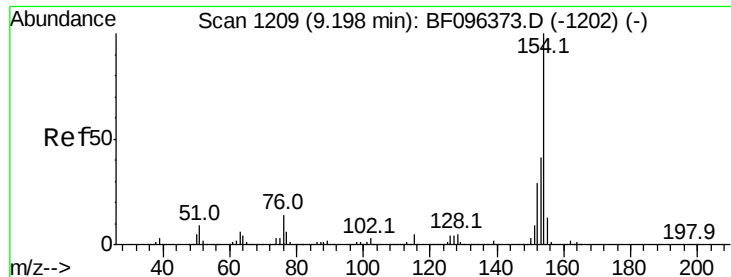
#44
 2-Fluorobiphenyl
 Concen: 80.91 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion:172 Resp: 1090964
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.5 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: 39.60 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

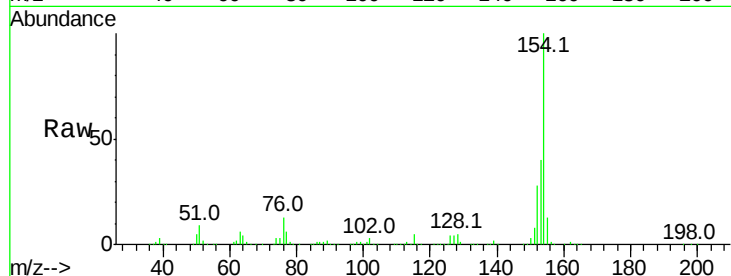
Tot Ion:154 Resp: 782189

Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

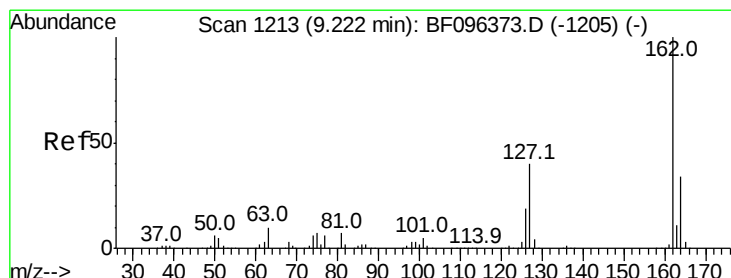
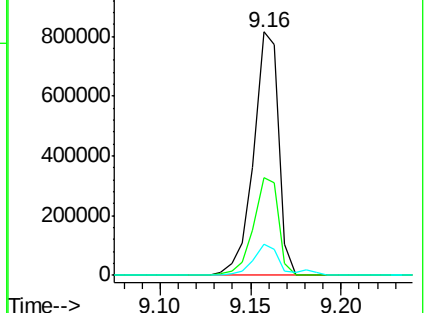
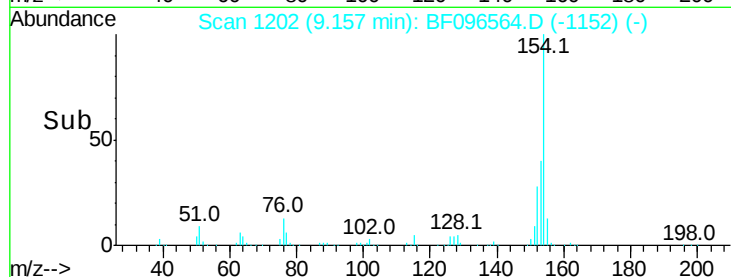
76 13.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.27 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

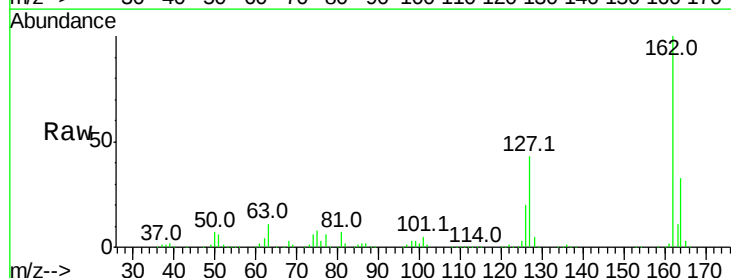
Tgt Ion:162 Resp: 578126

Ion Ratio Lower Upper

162 100

127 43.3 28.3 42.5#

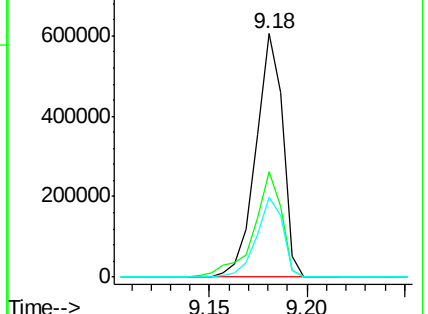
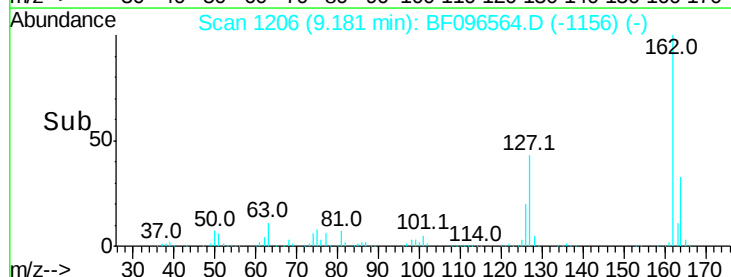
164 32.7 27.0 40.4

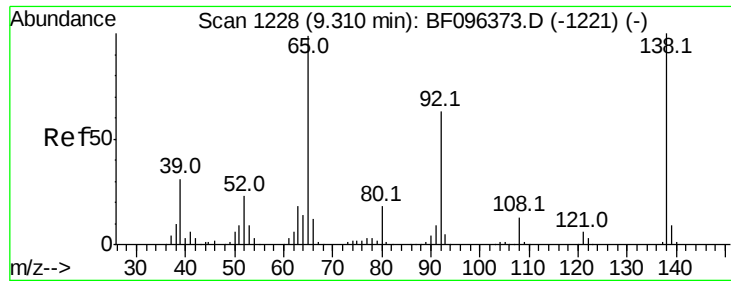


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

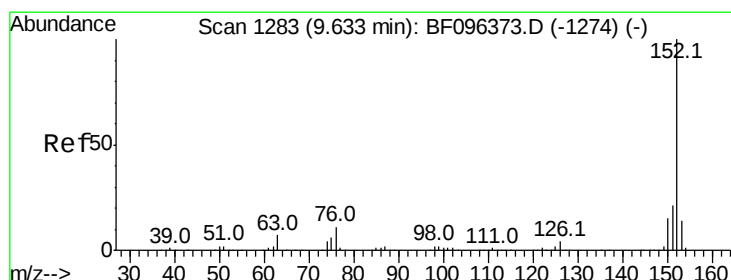
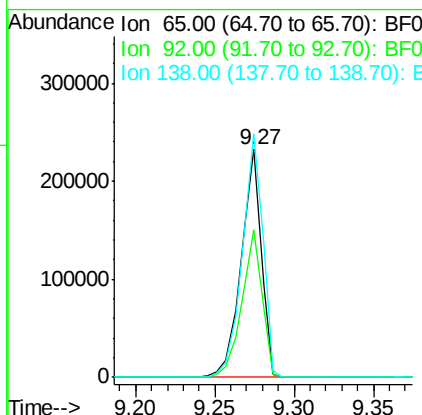
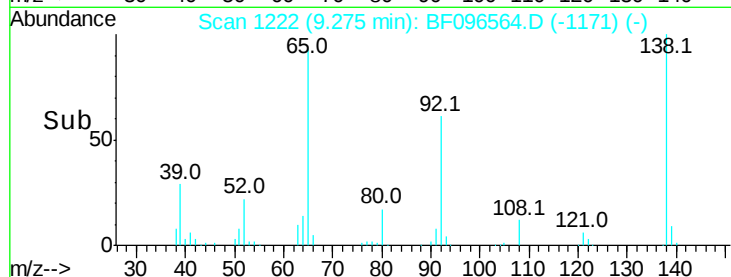
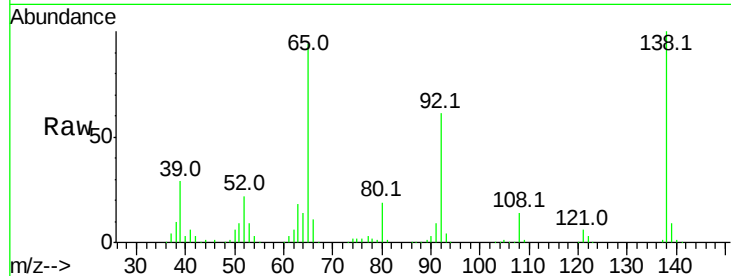




#47
2-Nitroaniline
Concen: 38.12 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

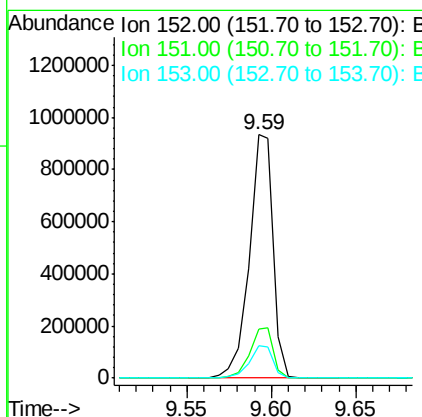
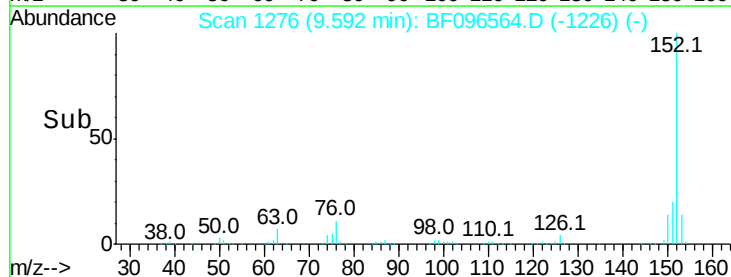
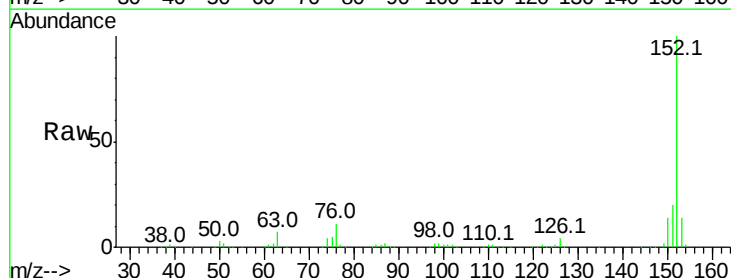
Instrument :
BNA_F
ClientSampleId :

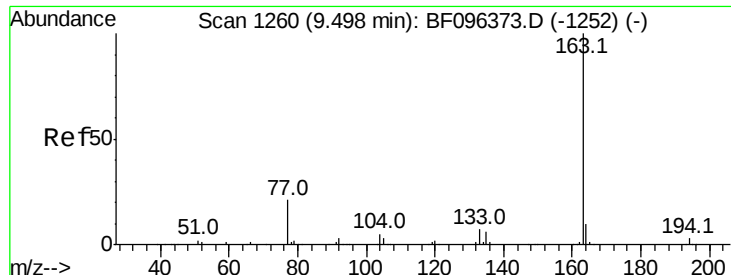
Tot Ion: 65 Resp: 204187
Ion Ratio Lower Upper
65 100
92 64.9 53.9 80.9
138 106.7 78.8 118.2



#48
Acenaphthylene
Concen: 39.42 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:152 Resp: 919425
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.5 10.8 16.2

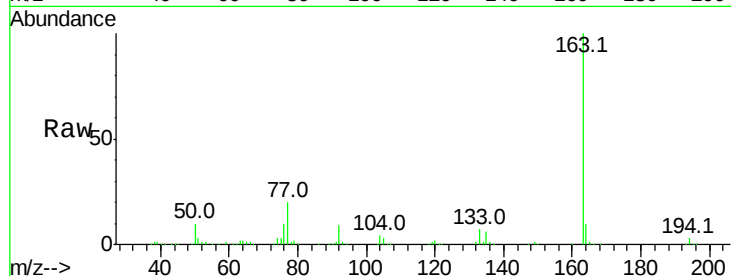




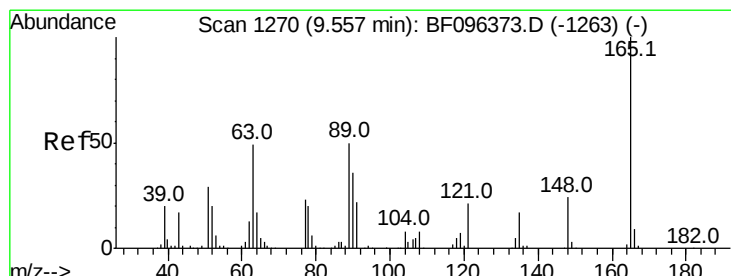
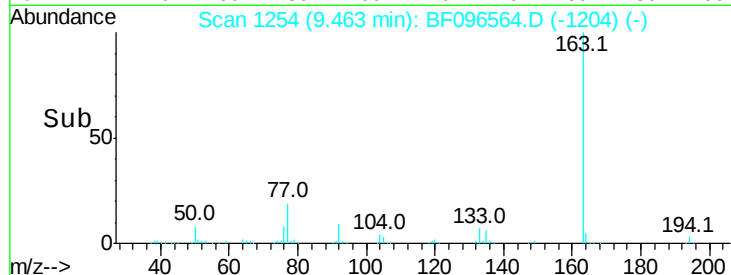
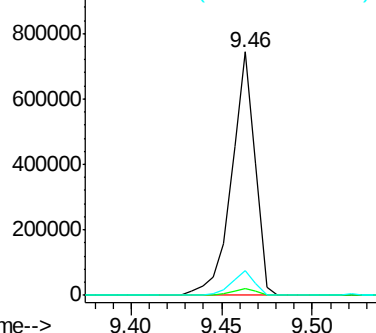
#49
Dimethylphthalate
Concen: 38.72 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 666441
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.4 8.4 12.6

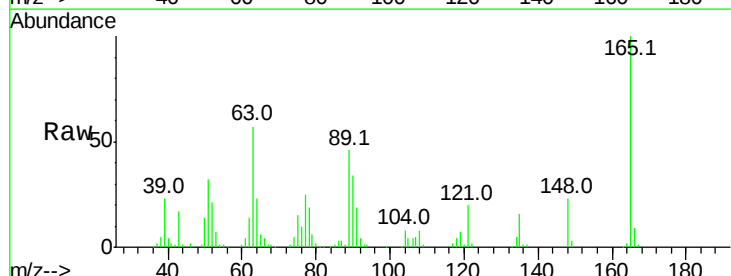


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

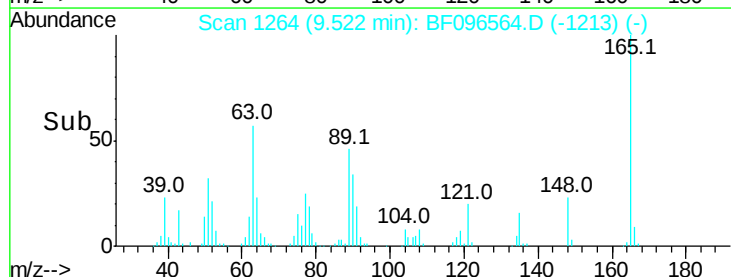
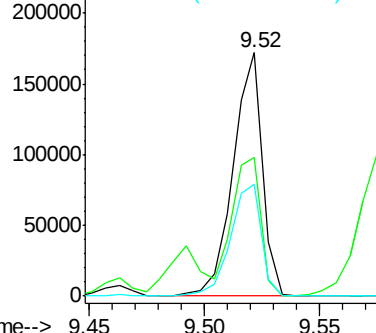


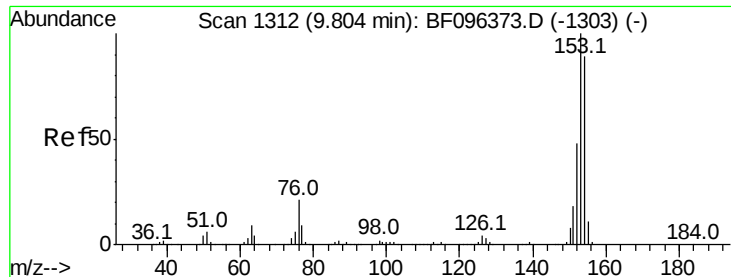
#50
2,6-Dinitrotoluene
Concen: 39.83 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:165 Resp: 151604
Ion Ratio Lower Upper
165 100
63 56.8 34.3 51.5#
89 46.2 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

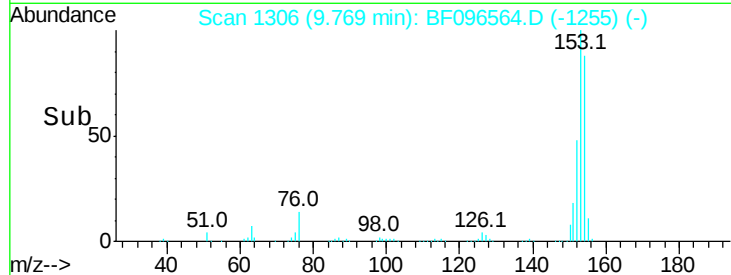
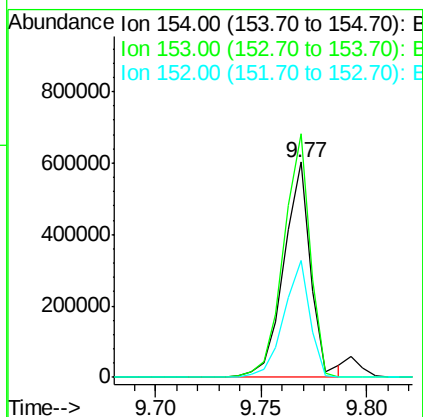
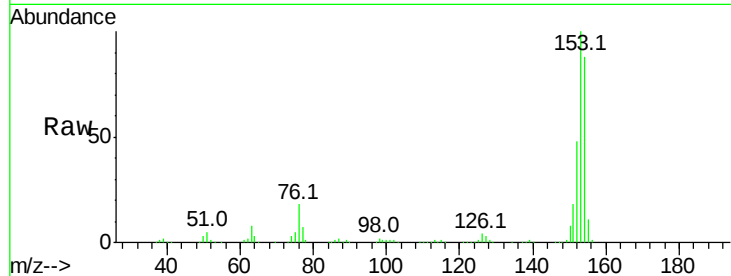




#51
Acenaphthene
Concen: 37.34 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

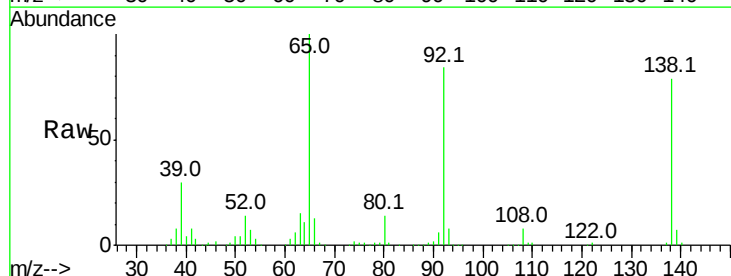
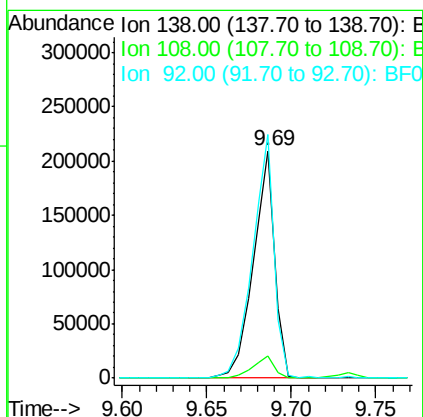
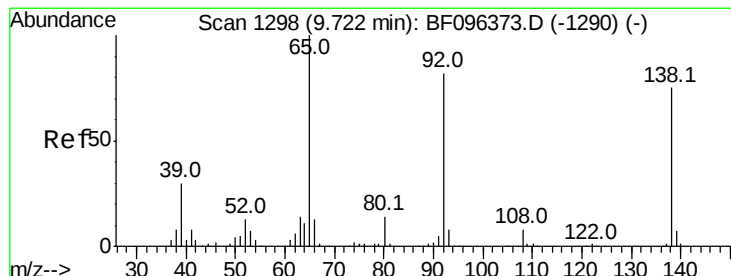
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 536848
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 54.4 43.6 65.4



#52
3-Nitroaniline
Concen: 39.19 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:138 Resp: 186020
Ion Ratio Lower Upper
138 100
108 9.9 9.1 13.7
92 107.1 93.8 140.6

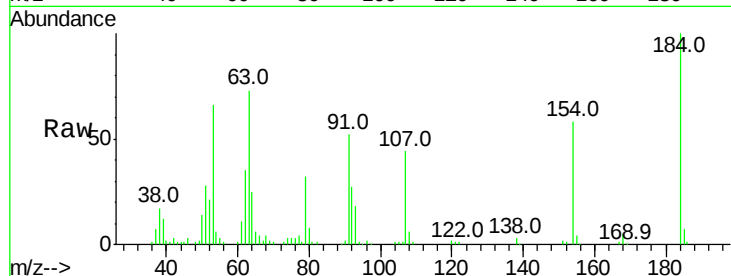




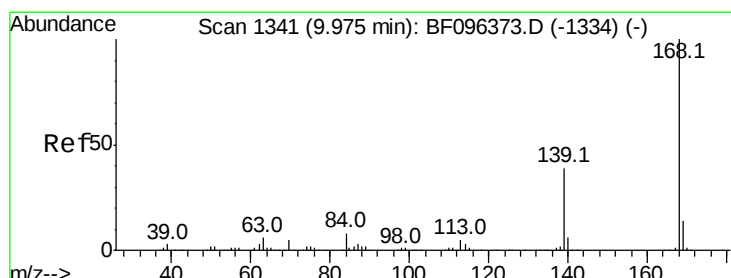
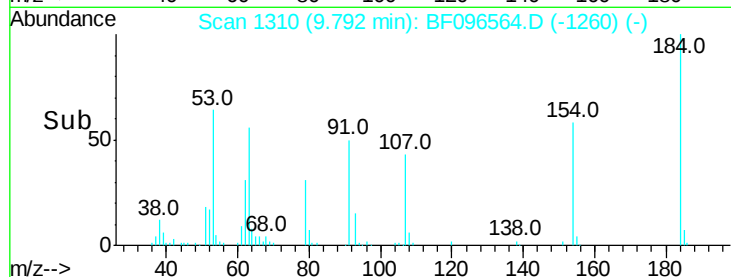
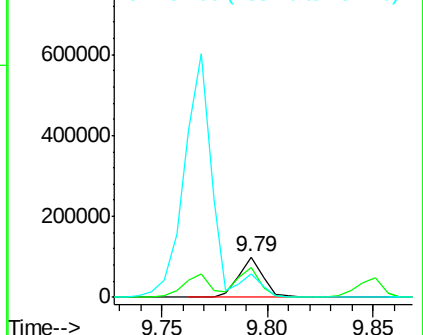
#53
2,4-Dinitrophenol
Concen: 39.71 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 80271
Ion Ratio Lower Upper
184 100
63 73.3 62.7 94.1
154 58.0 81.1 121.7#

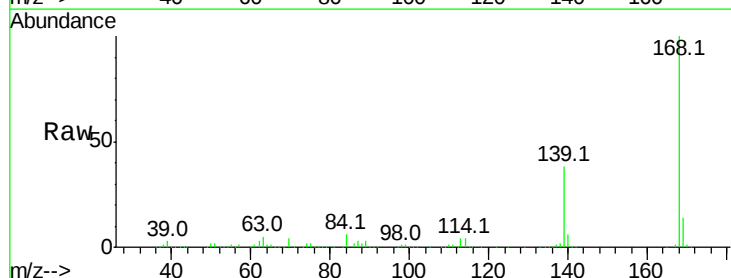


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

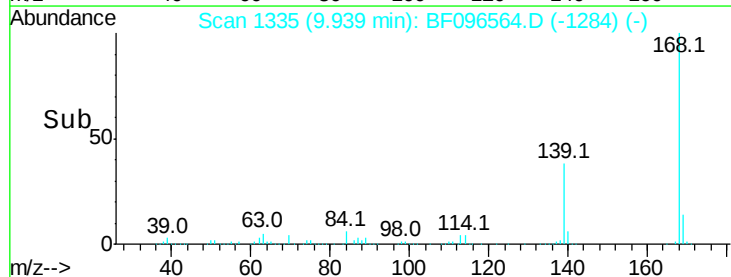
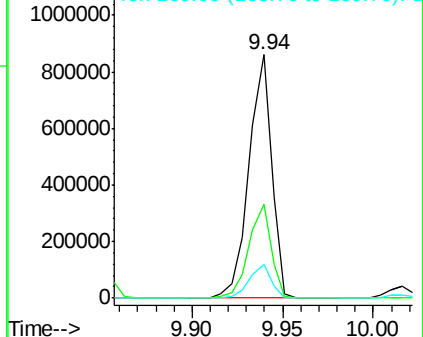


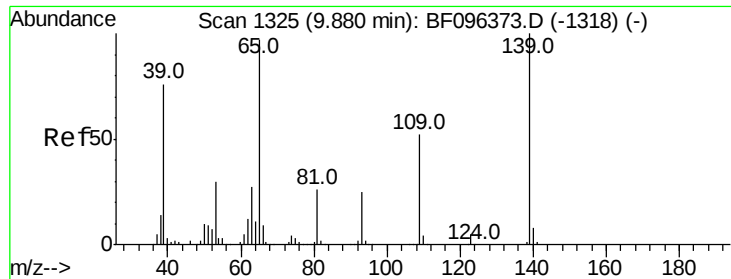
#54
Dibenzofuran
Concen: 39.53 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:168 Resp: 750433
Ion Ratio Lower Upper
168 100
139 38.4 30.6 45.8
169 13.6 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

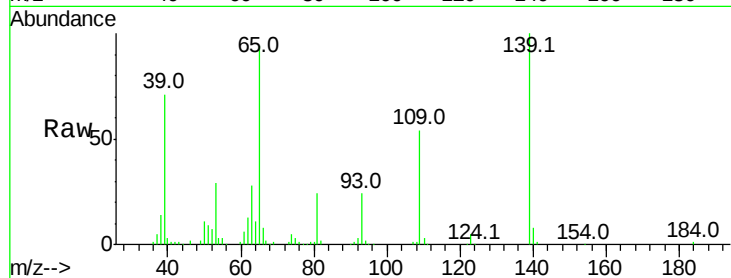




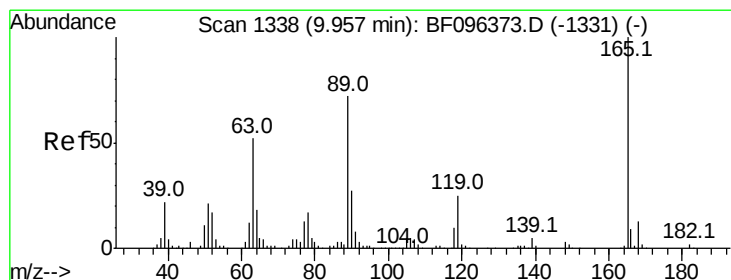
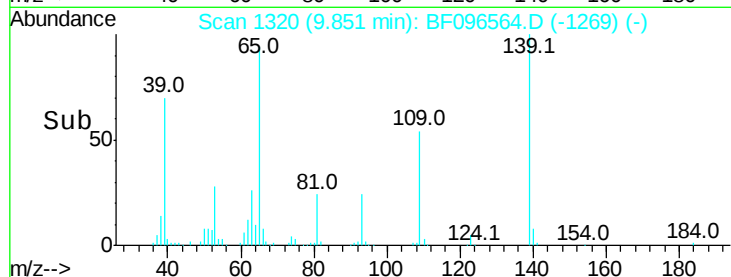
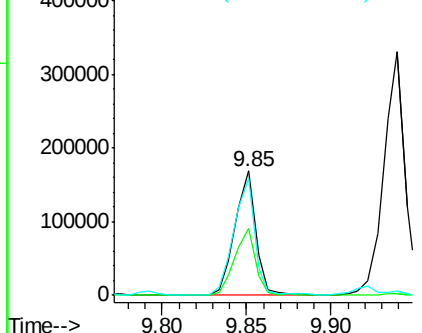
#55
4-Nitrophenol
Concen: 37.31 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 146783
Ion Ratio Lower Upper
139 100
109 53.9 34.1 74.1
65 93.9 31.4 71.4#



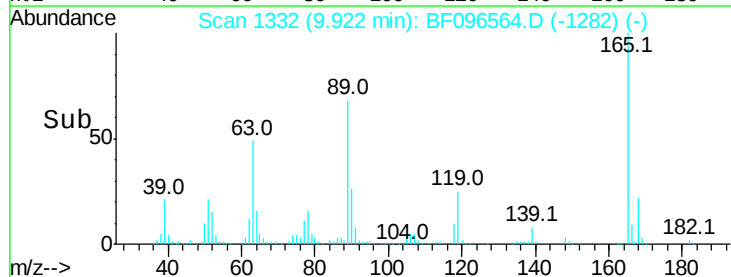
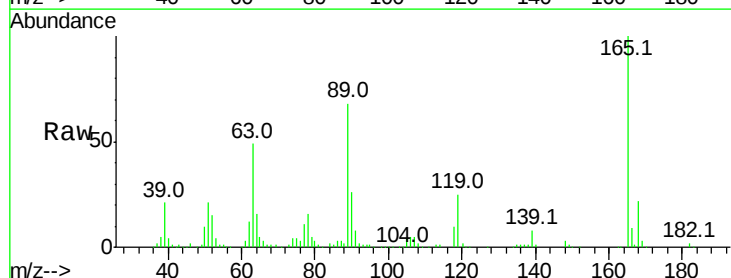
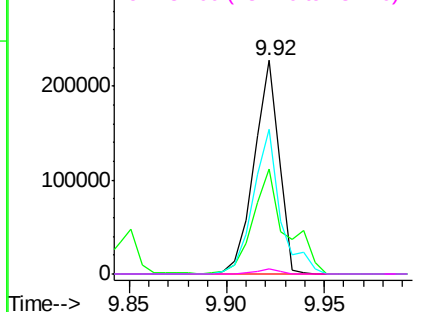
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

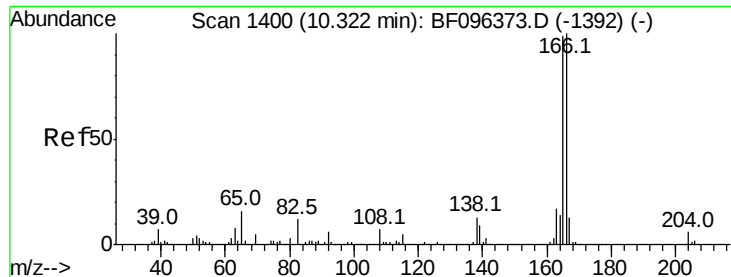


#56
2,4-Dinitrotoluene
Concen: 41.37 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:165 Resp: 199374
Ion Ratio Lower Upper
165 100
63 49.0 25.4 38.0#
89 67.9 46.4 69.6
182 2.2 1.8 2.6

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

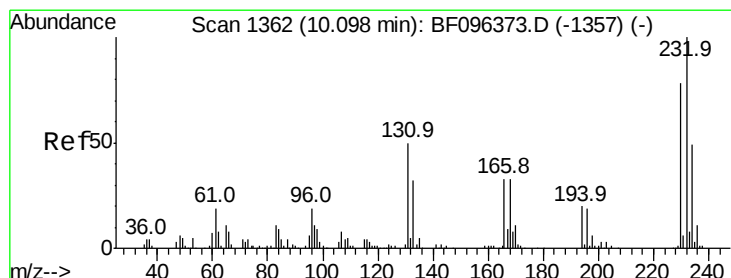
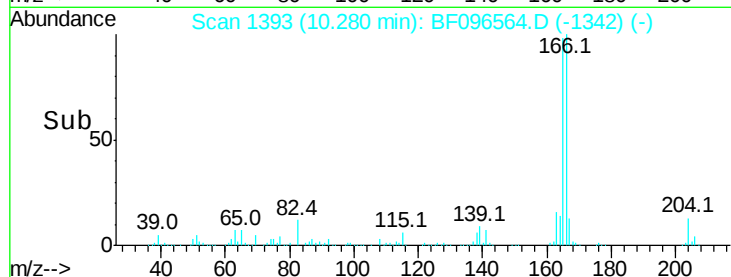
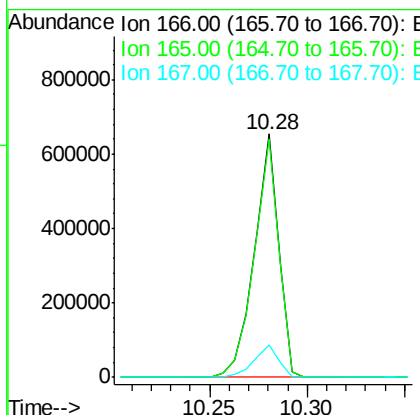
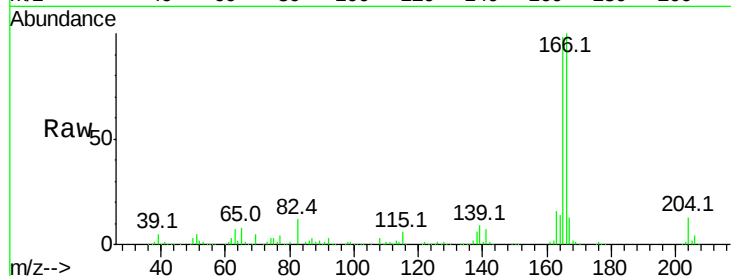




#57
 Fluorene
 Concen: 42.20 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

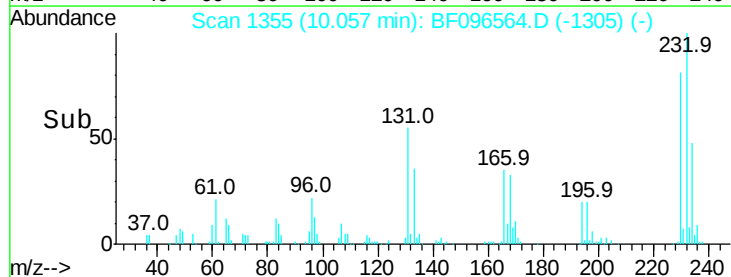
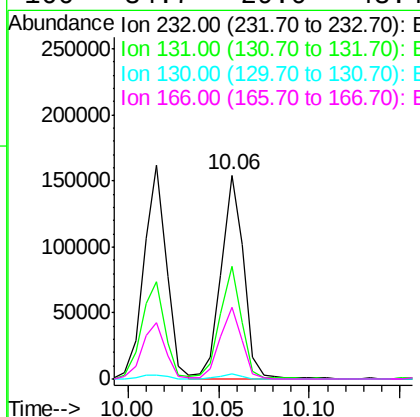
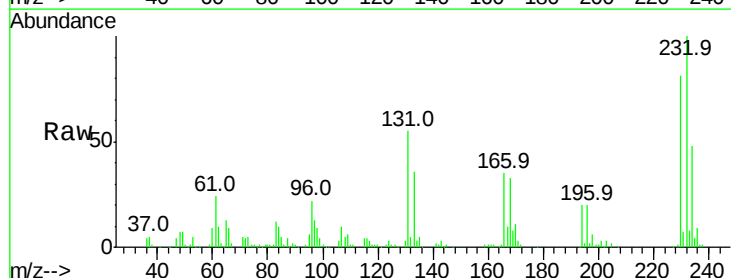
Instrument :
 BNA_F
 ClientSampleId :

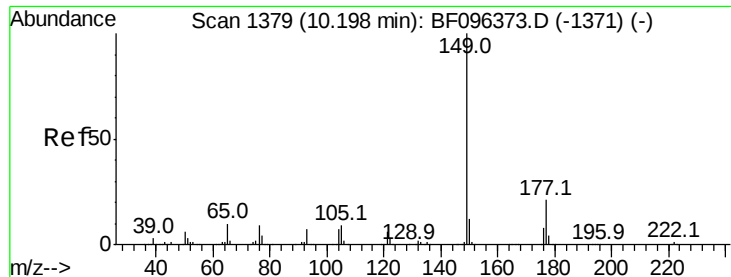
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.8	118.2
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.11 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.8	44.8	67.2
130	2.5	2.3	3.5
166	34.7	29.0	43.4

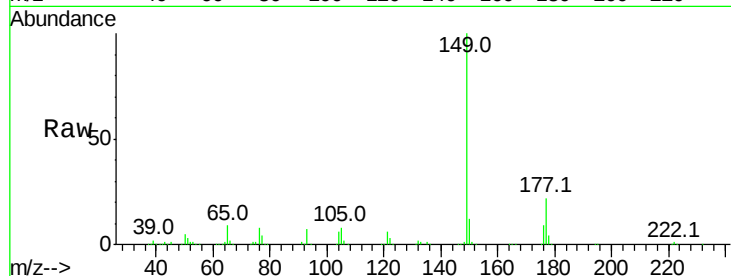




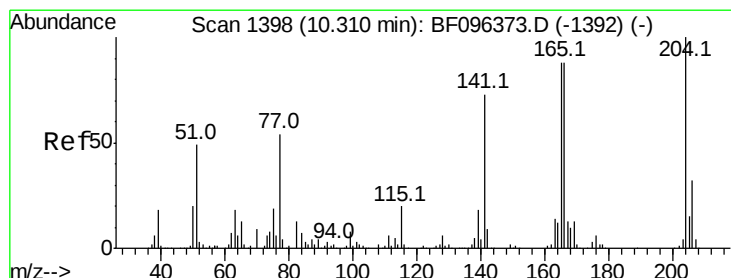
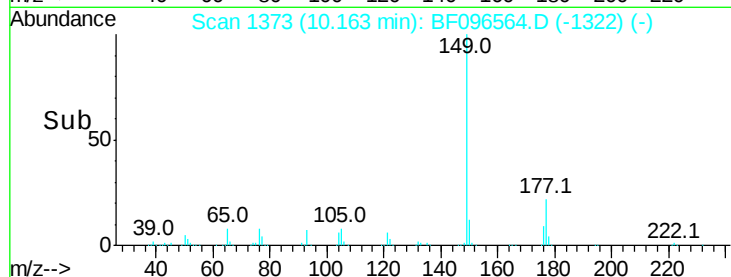
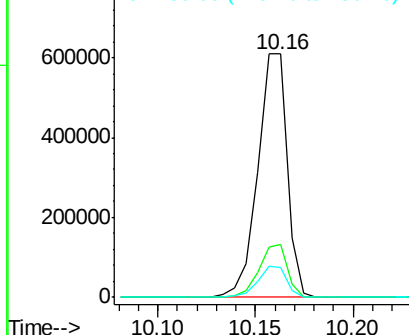
#59
Diethylphthalate
Concen: 39.13 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 636567
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.1 10.2 15.2

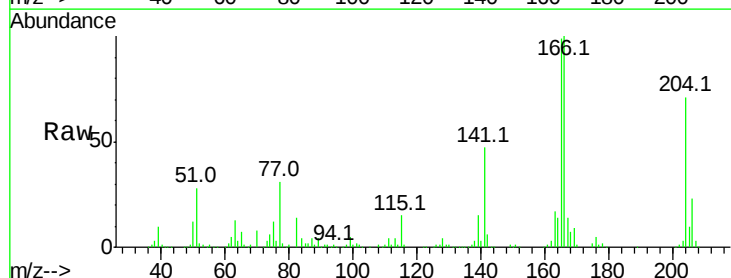


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

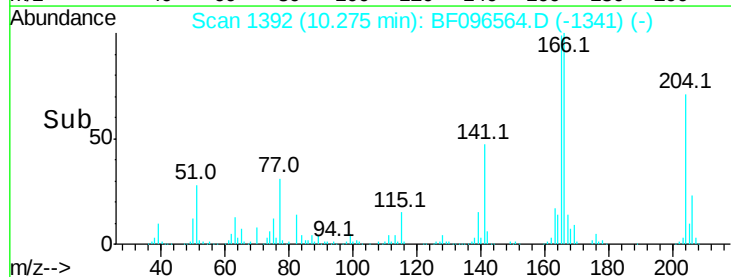
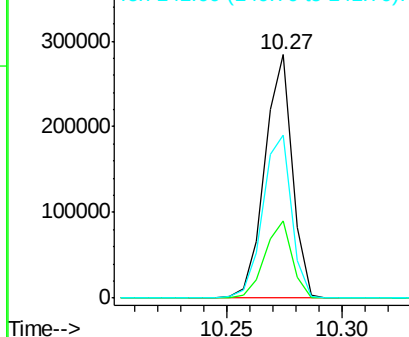


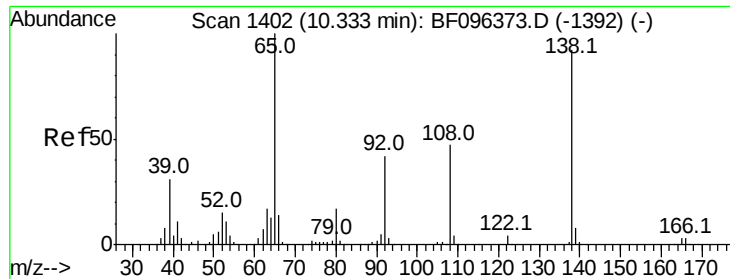
#60
4-Chlorophenyl-phenylether
Concen: 40.58 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:204 Resp: 236714
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 66.9 60.8 91.2



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

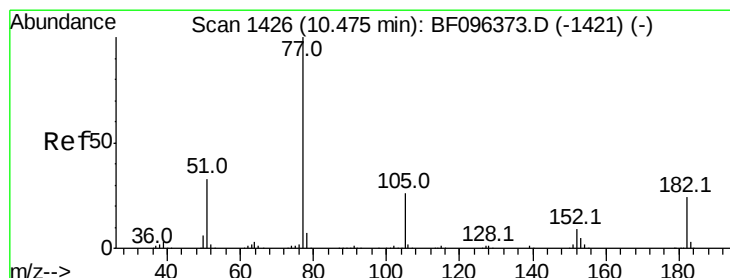
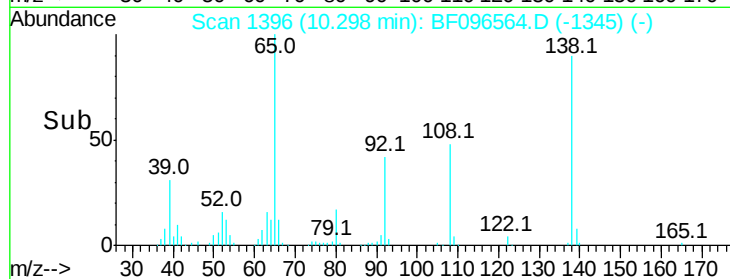
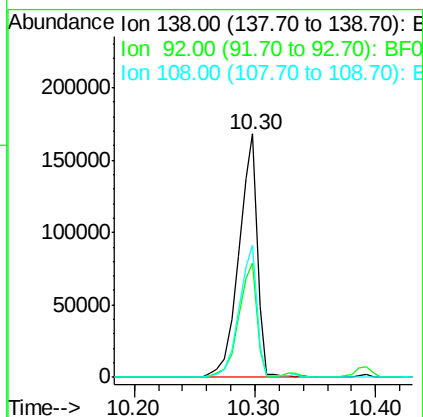
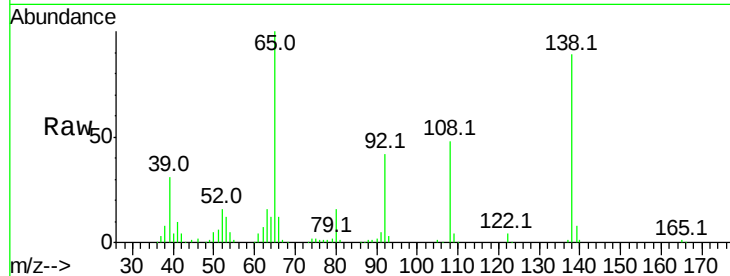




#61
4-Nitroaniline
Concen: 41.66 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

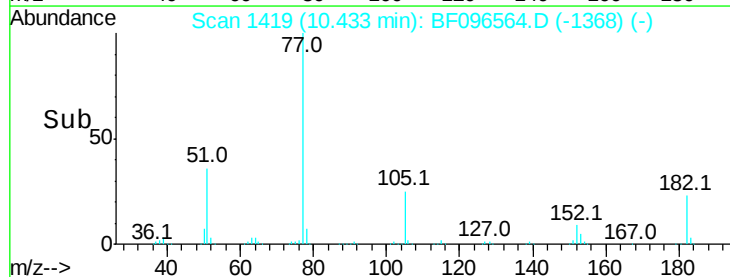
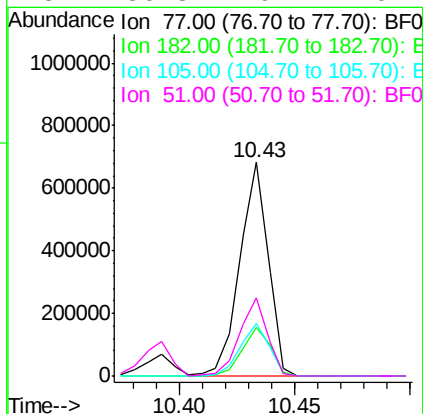
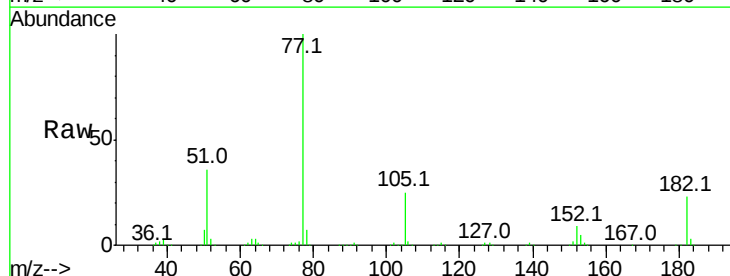
Instrument :
BNA_F
ClientSampled :

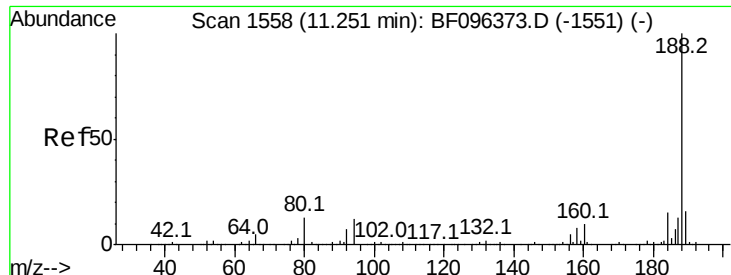
Tot Ion:138 Resp: 179826
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 54.1 42.3 82.3



#62
Azobenzene
Concen: 37.33 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion: 77 Resp: 587181
Ion Ratio Lower Upper
77 100
182 22.9 0.1 40.1
105 24.8 3.6 43.6
51 36.3 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

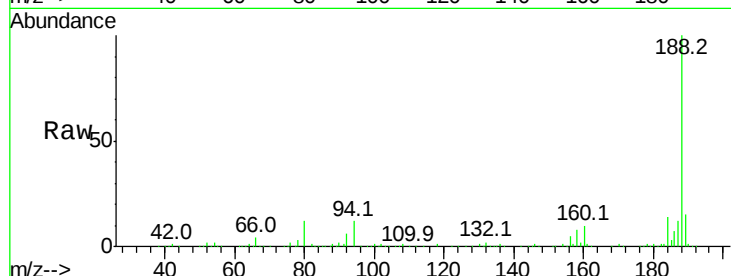
Tot Ion:188 Resp: 414185

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

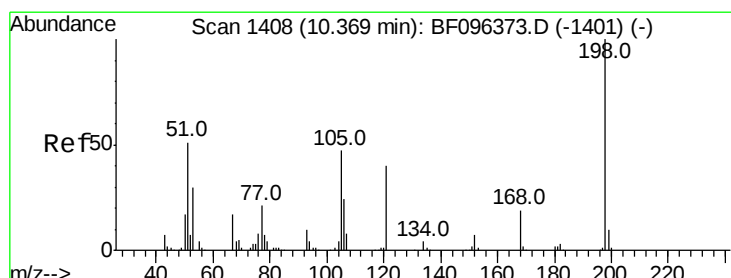
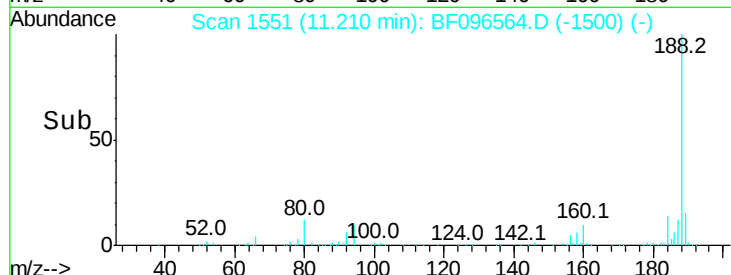
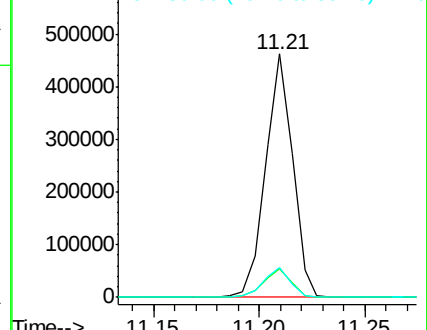
80 12.1 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 38.03 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

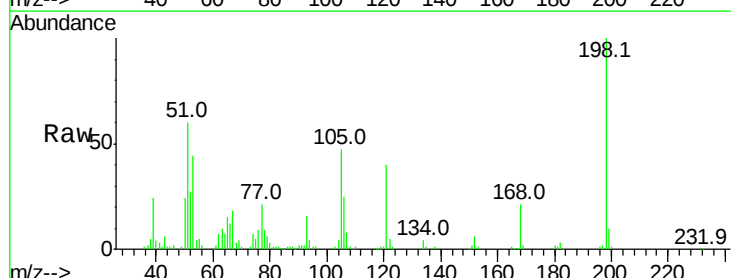
Tgt Ion:198 Resp: 108639

Ion Ratio Lower Upper

198 100

51 59.7 53.2 93.2

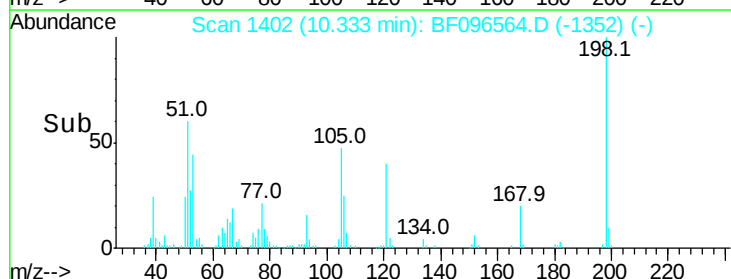
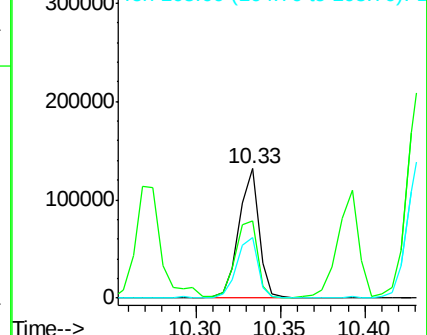
105 46.7 45.8 85.8

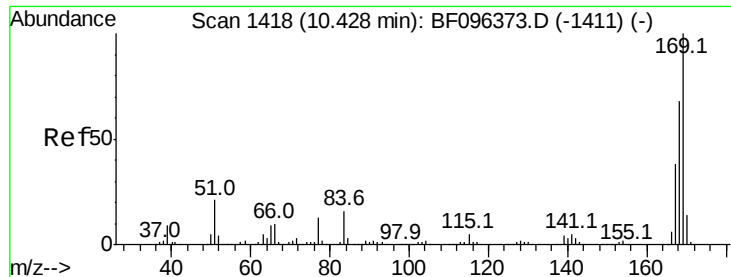


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

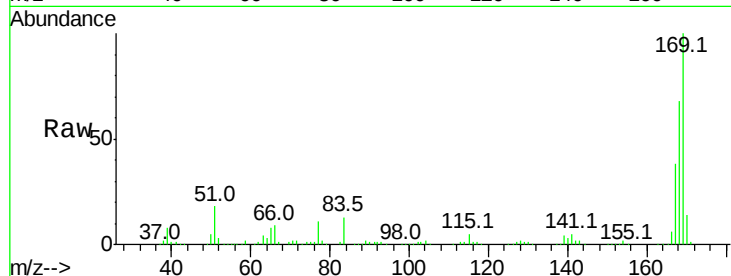




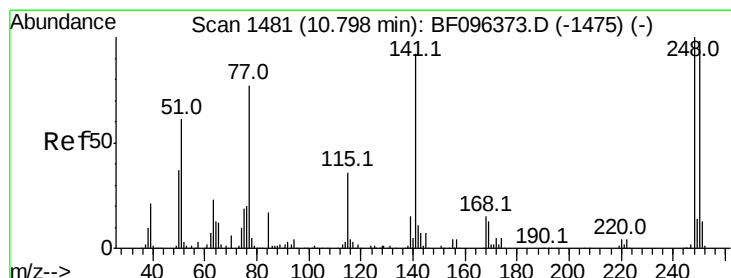
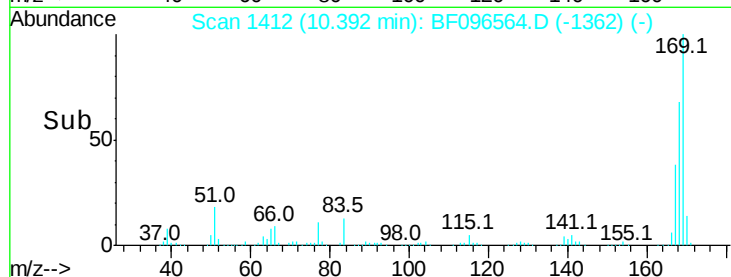
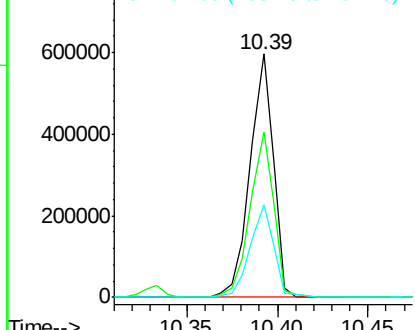
#65
 n-Nitrosodiphenylamine
 Concen: 36.78 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 534572
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.2 79.8
 167 38.0 29.5 44.3

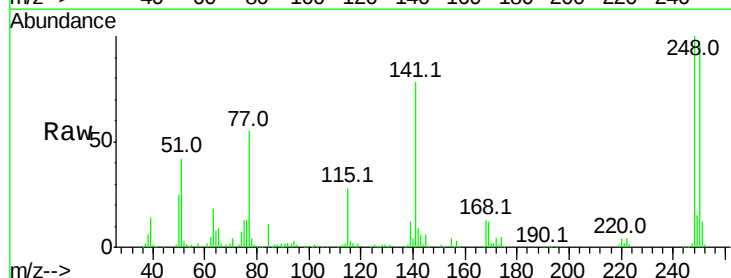


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

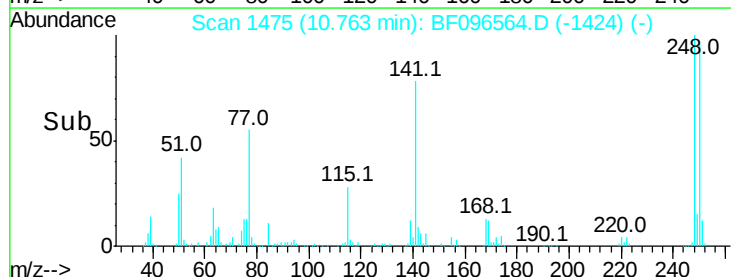
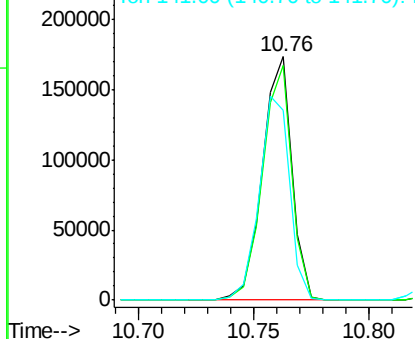


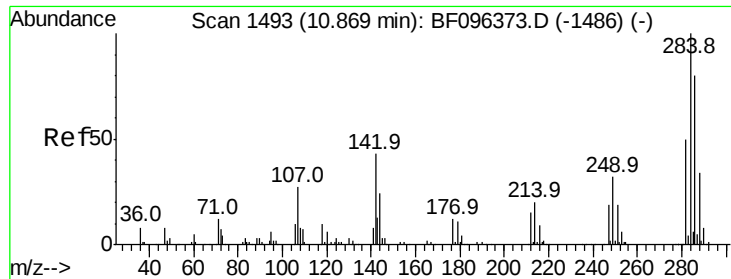
#66
 4-Bromophenyl-phenylether
 Concen: 38.26 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion:248 Resp: 154265
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.8 115.2
 141 77.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

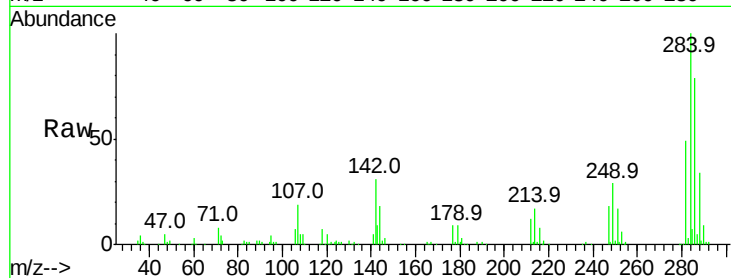




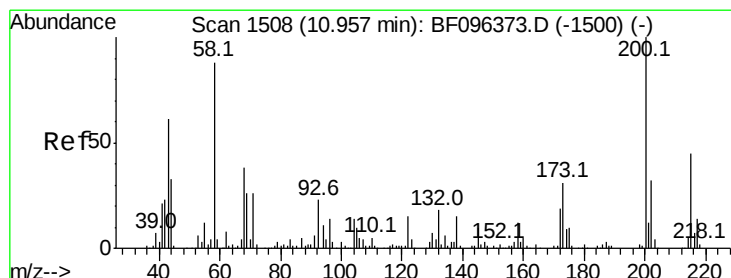
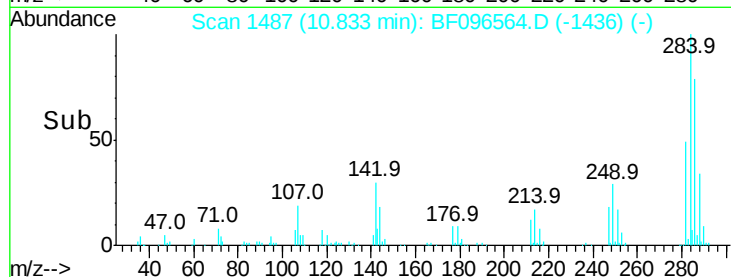
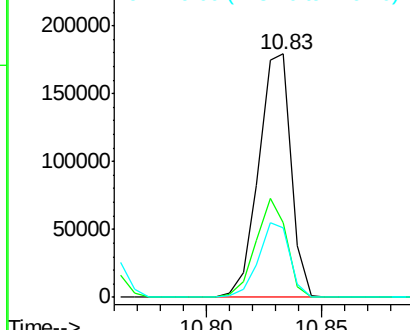
#67
Hexachlorobenzene
Concen: 39.87 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 175983
Ion Ratio Lower Upper
284 100
142 30.5 22.8 34.2
249 28.7 24.0 36.0

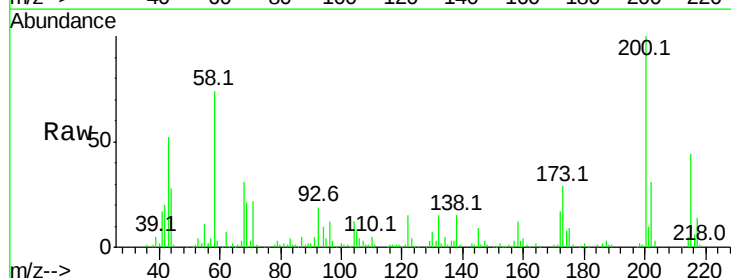


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

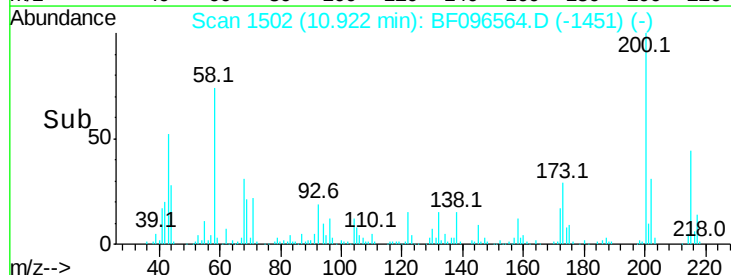
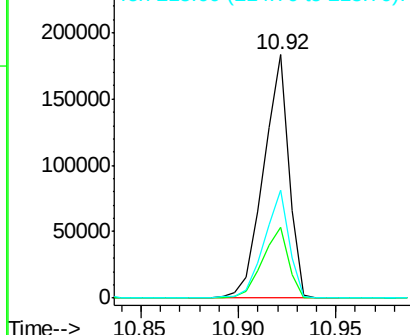


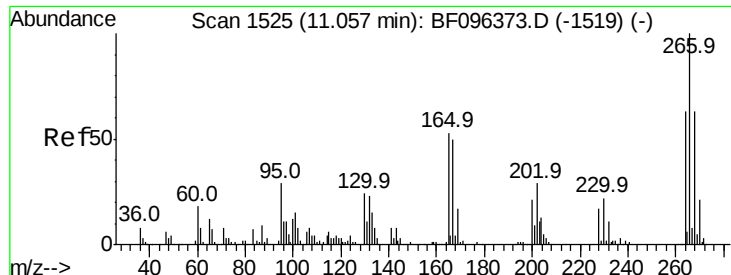
#68
Atrazine
Concen: 39.67 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:200 Resp: 164720
Ion Ratio Lower Upper
200 100
173 29.1 6.3 46.3
215 44.4 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

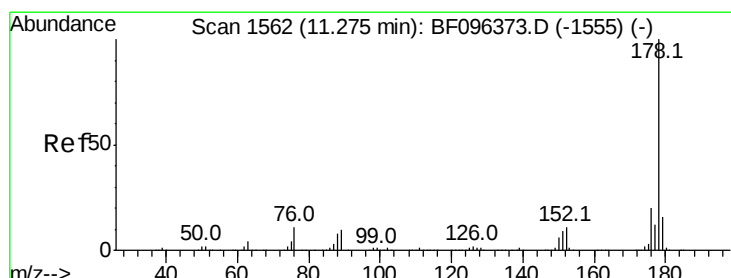
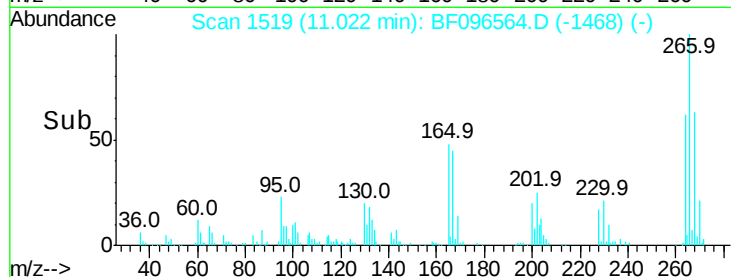
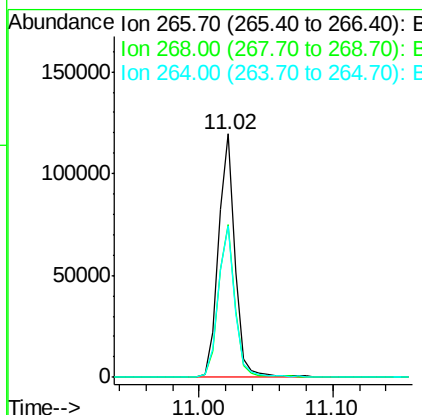
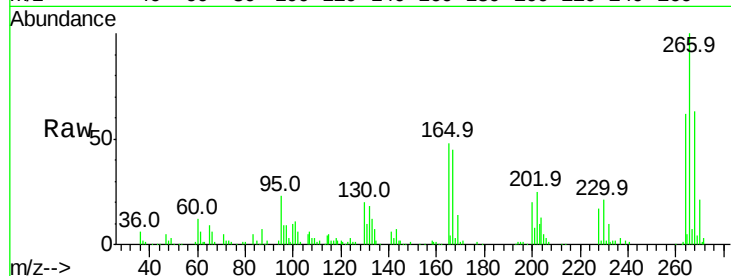




#69
 Pentachlorophenol
 Concen: 40.33 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

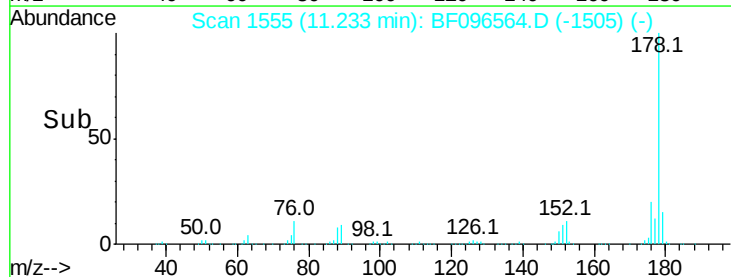
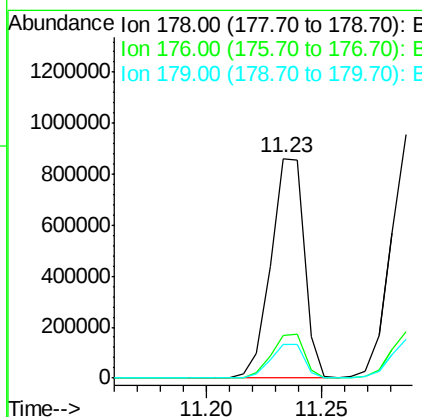
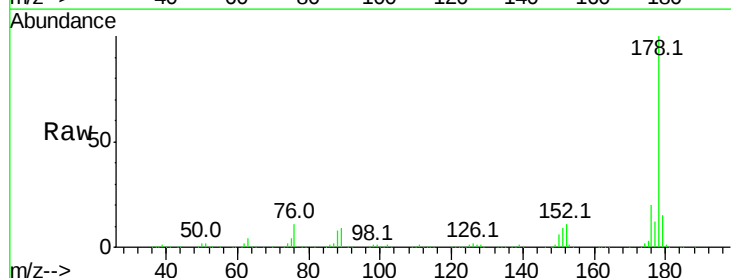
Instrument :
 BNA_F
 ClientSampleId :

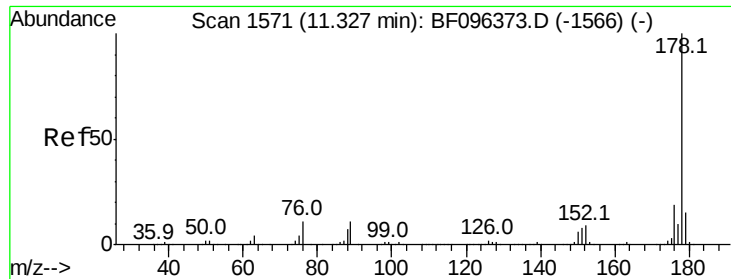
Tot Ion:266 Resp: 105489
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 62.4 51.7 77.5



#70
 Phenanthrene
 Concen: 38.54 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion:178 Resp: 862989
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.5 12.6 19.0

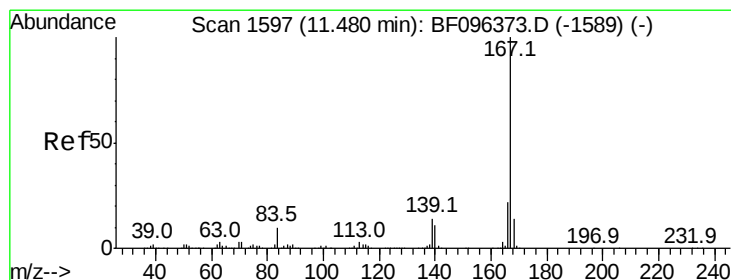
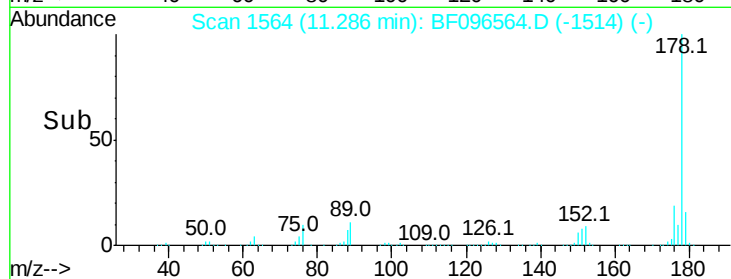
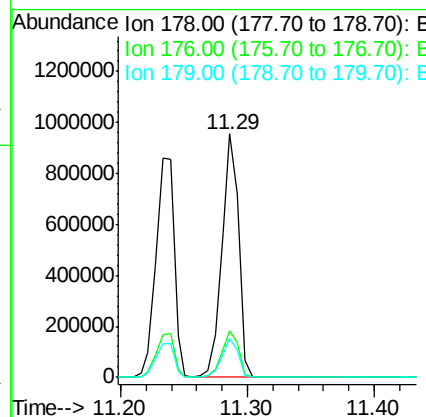
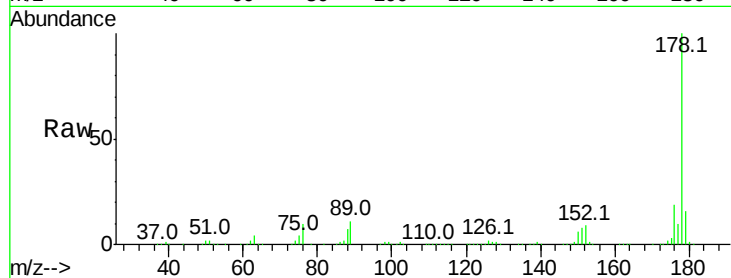




#71
 Anthracene
 Concen: 39.06 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

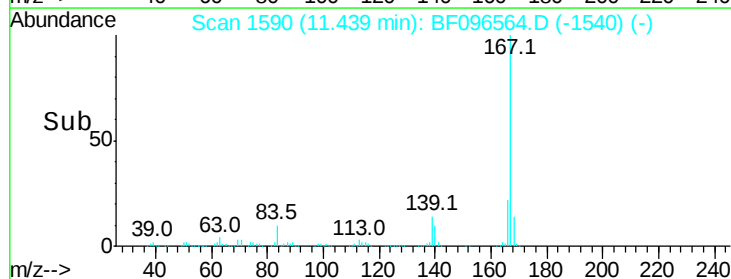
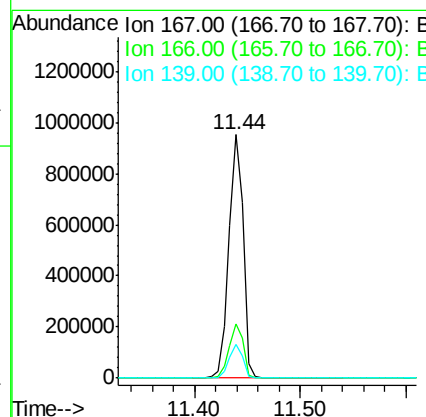
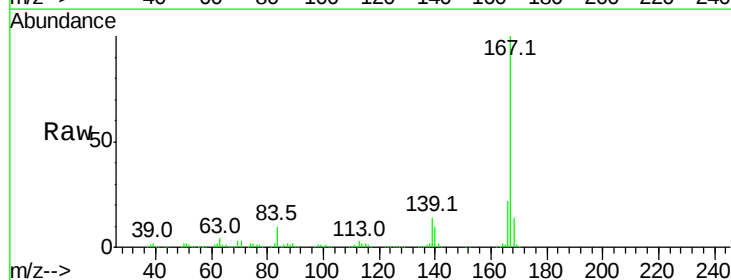
Instrument :
 BNA_F
 ClientSampleId :

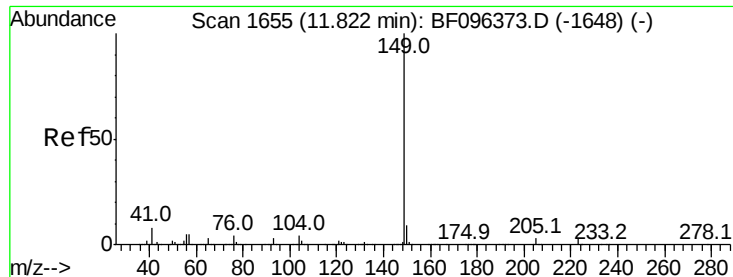
Tot Ion:178 Resp: 891175
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 39.24 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion:167 Resp: 900327
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 37.91 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

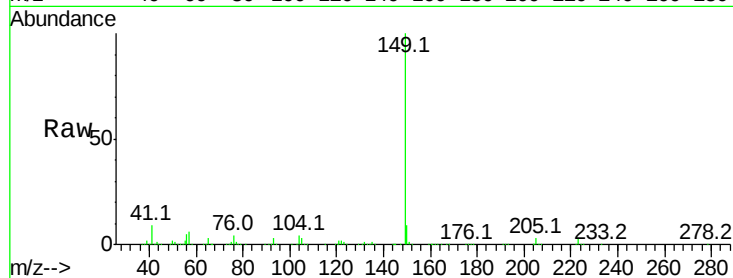
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1053647

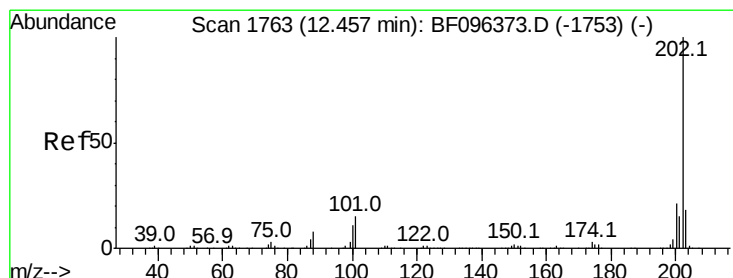
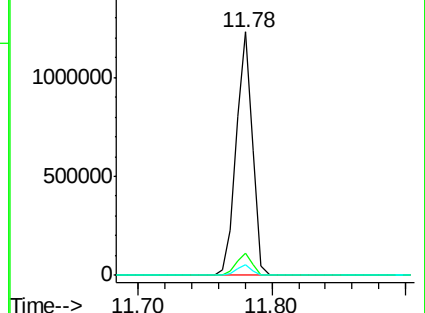
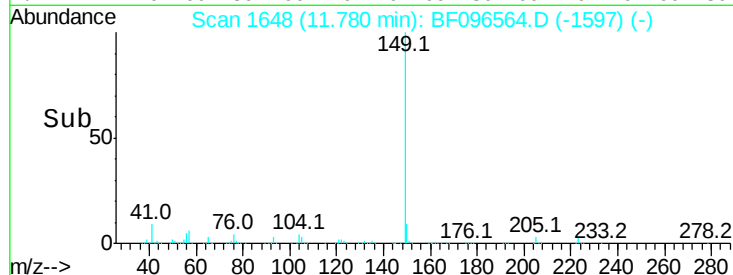
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.4	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.15 ng

RT: 12.42 min Scan# 1757

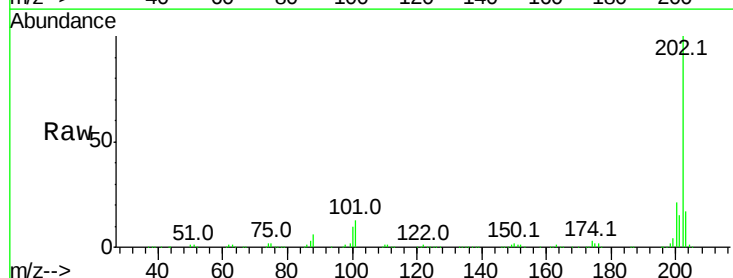
Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Tgt Ion:202 Resp: 859458

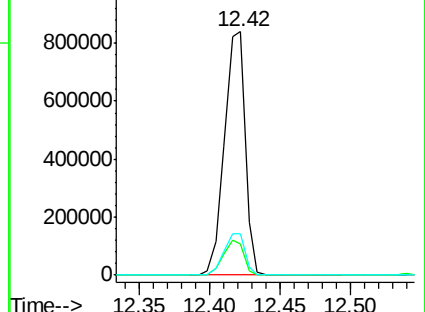
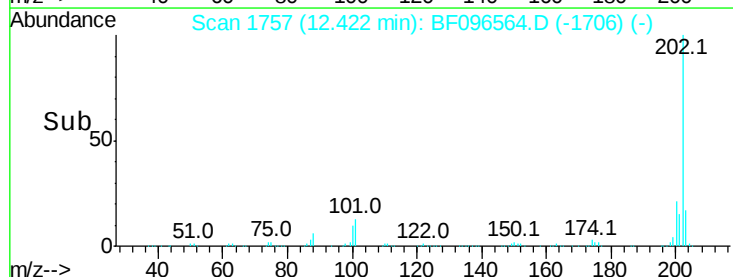
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.0	0.0	38.1

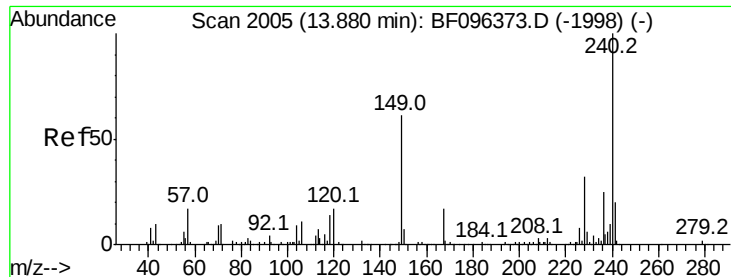


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

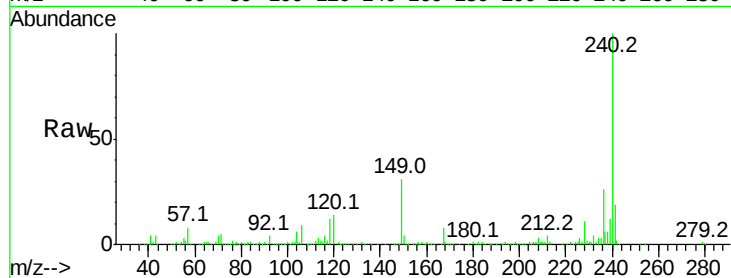
Tot Ion:240 Resp: 286365

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

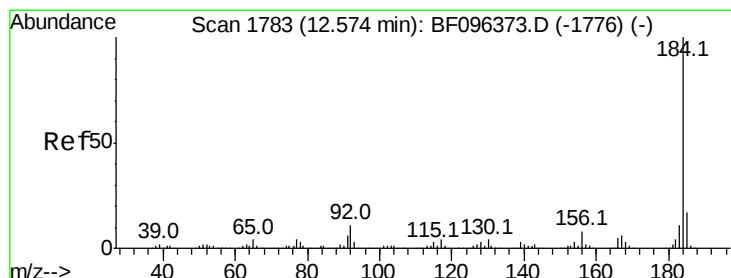
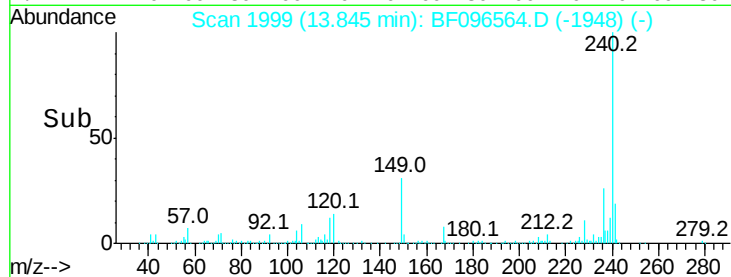
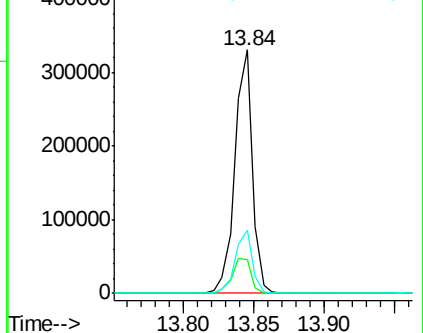
236 25.8 20.5 30.7



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: 37.78 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

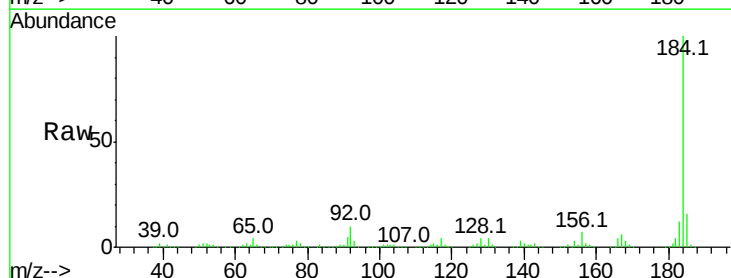
Tgt Ion:184 Resp: 519083

Ion Ratio Lower Upper

184 100

185 16.2 15.5 23.3

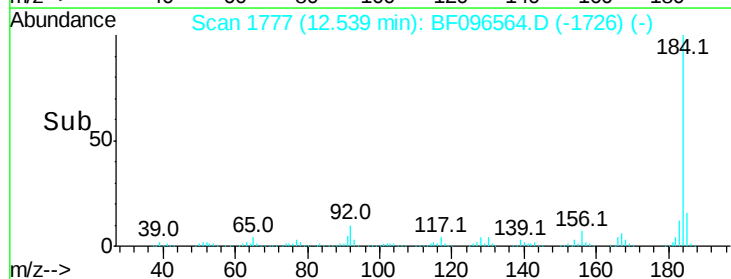
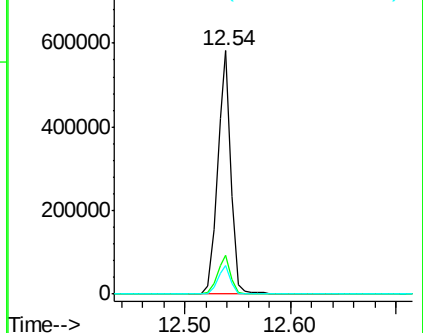
183 11.8 9.8 14.6

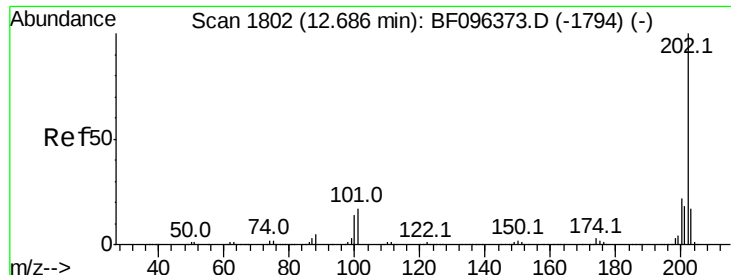


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

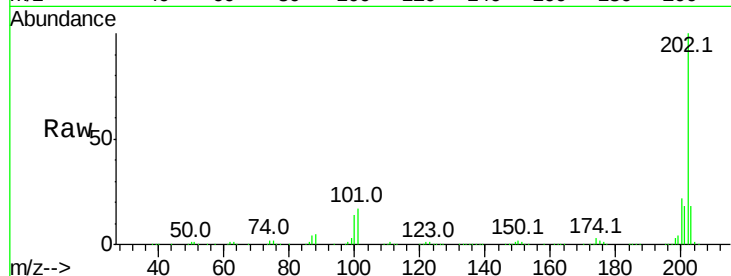




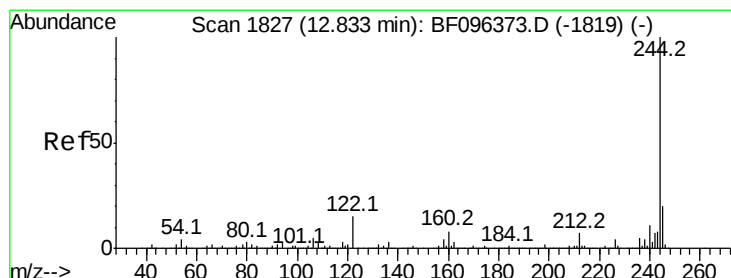
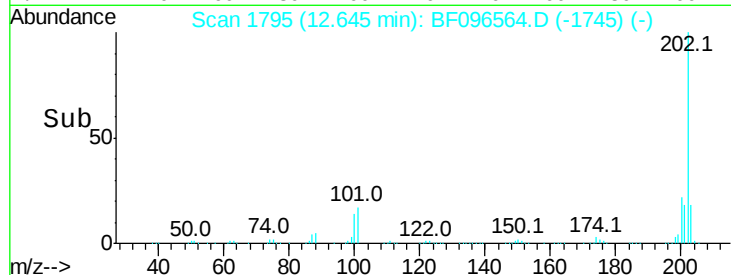
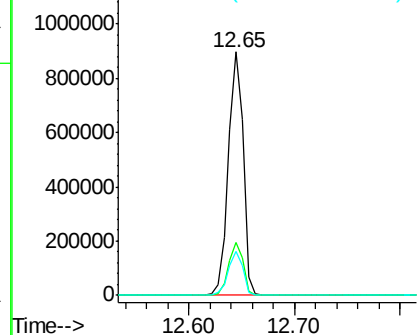
#77
Pvrene
Concen: 38.38 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 882161
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.1 14.4 21.6

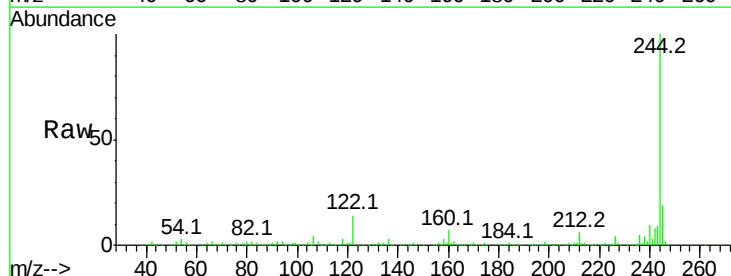


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

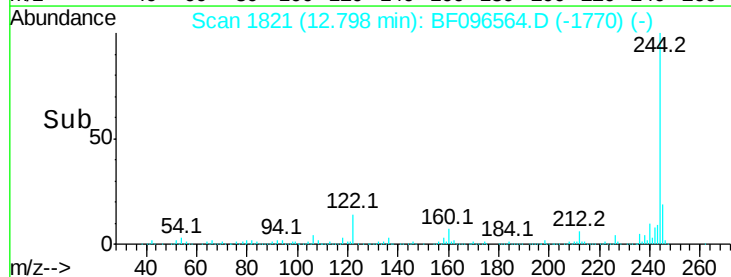
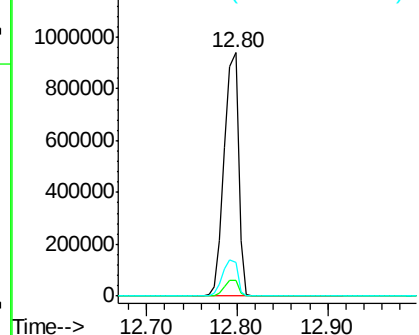


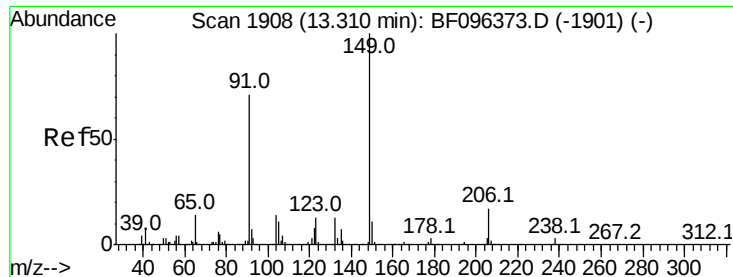
#78
Terphenyl-d14
Concen: 76.10 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:244 Resp: 1019840
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 13.7 10.3 15.5



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

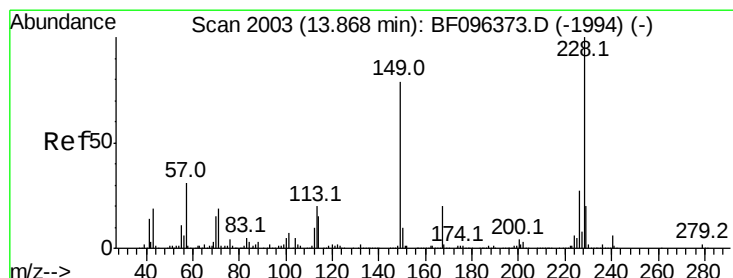
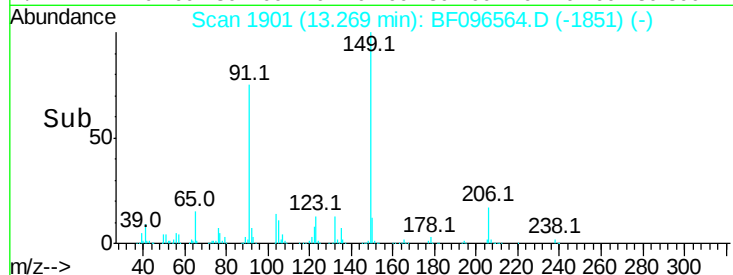
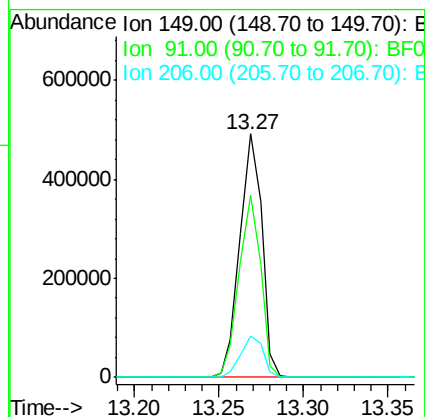
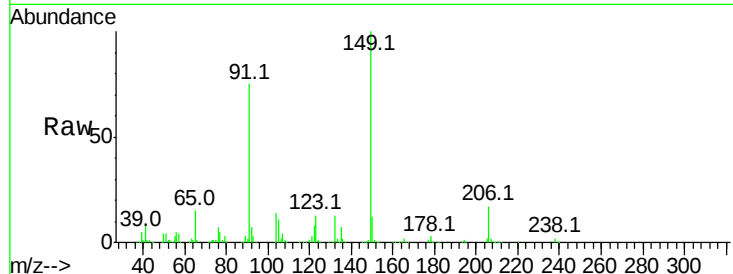




#79
Butylbenzylphthalate
Concen: 38.66 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

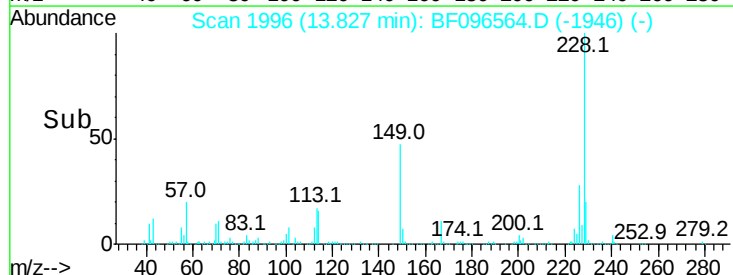
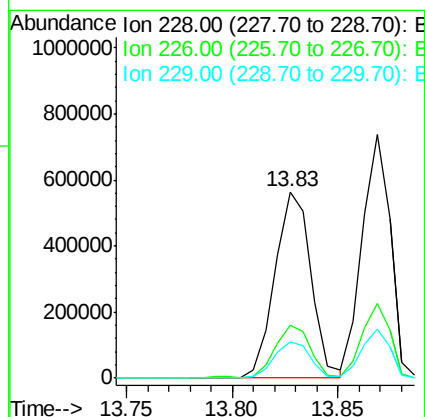
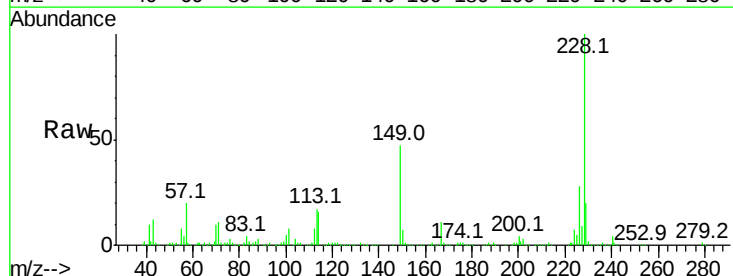
Instrument :
BNA_F
ClientSampled :

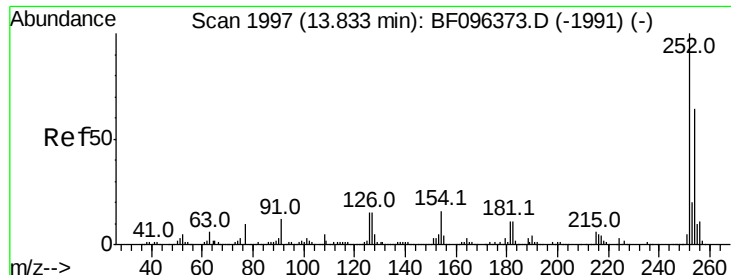
Tot Ion:149 Resp: 449872
Ion Ratio Lower Upper
149 100
91 74.7 45.0 67.4#
206 16.8 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.52 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:228 Resp: 671928
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.8 16.3 24.5

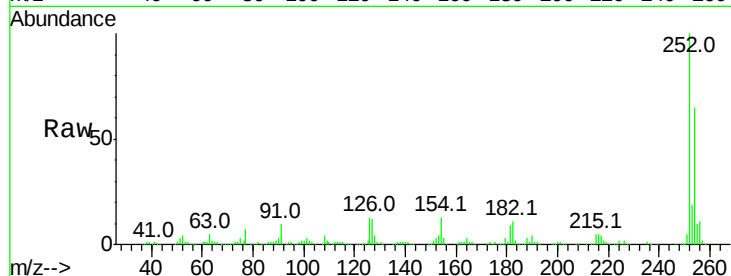




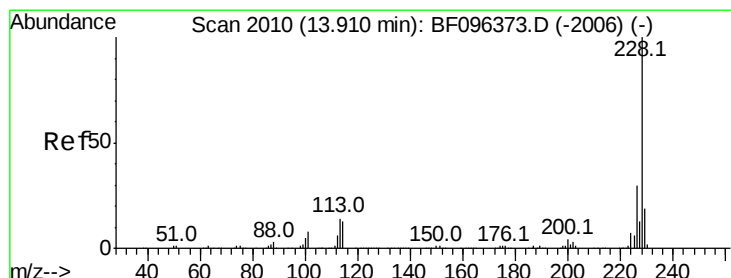
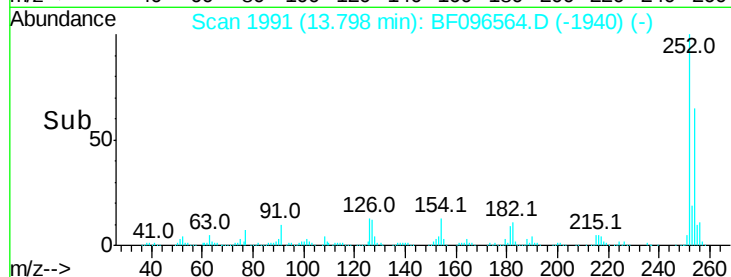
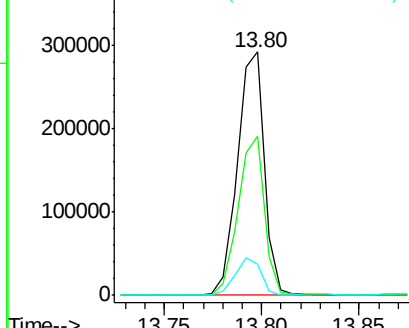
#81
 3,3'-Dichlorobenzidine
 Concen: 41.15 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.5	77.3
126	13.0	15.8	23.8#

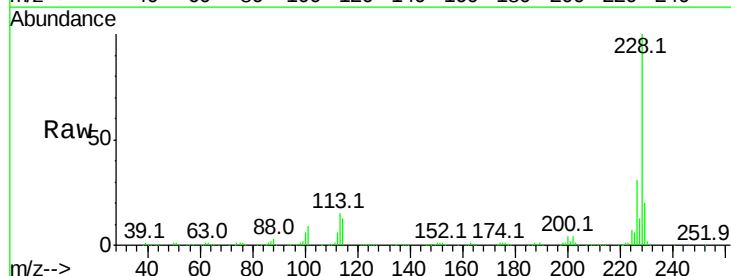


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

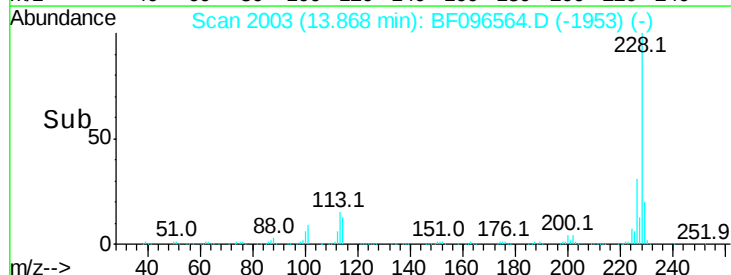
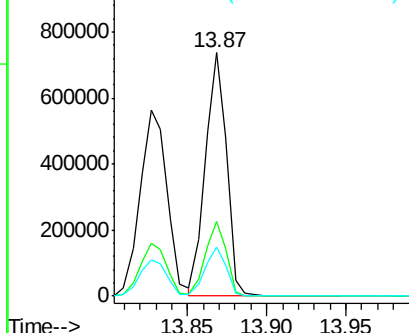


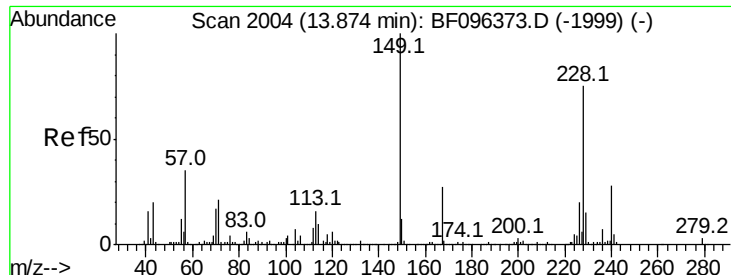
#82
 Chrysene
 Concen: 39.69 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF096564.D
 Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.1	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: 38.43 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

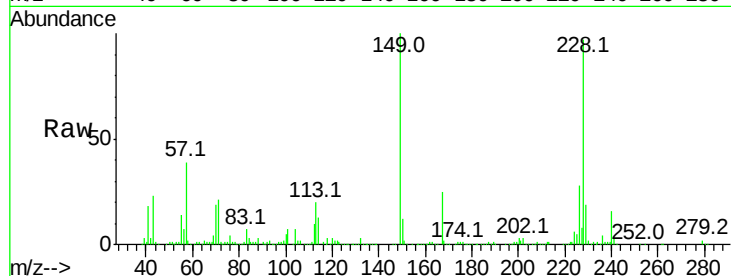
Tot Ion:149 Resp: 499144

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

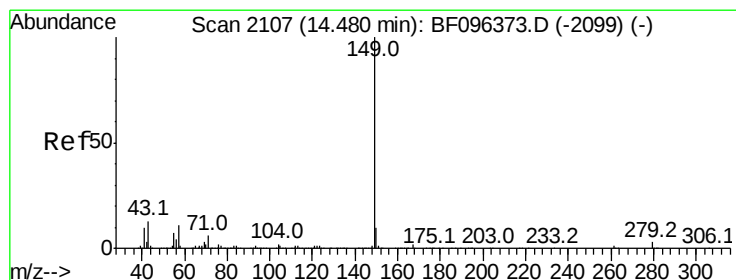
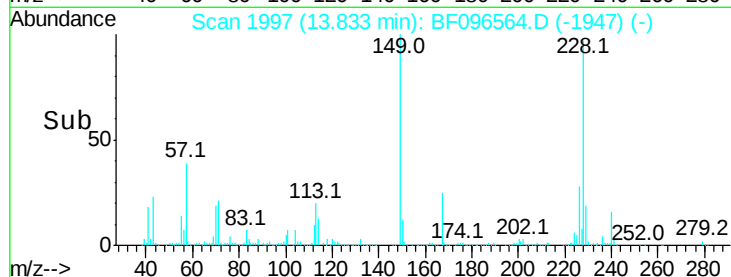
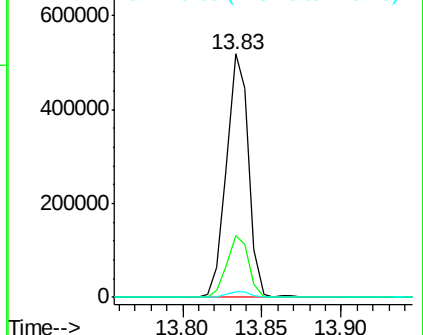
279 2.4 1.9 2.9



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: 37.78 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

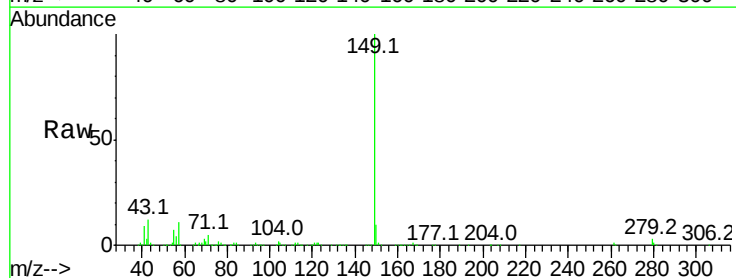
Tgt Ion:149 Resp: 966353

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

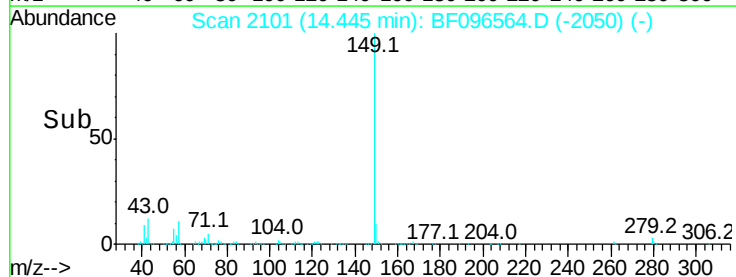
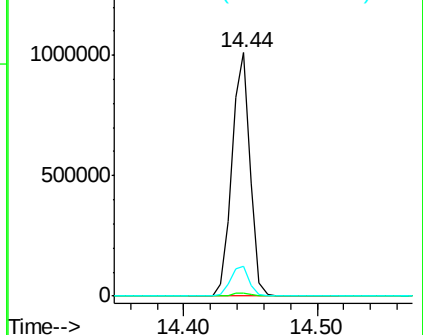
43 12.8 8.5 12.7#

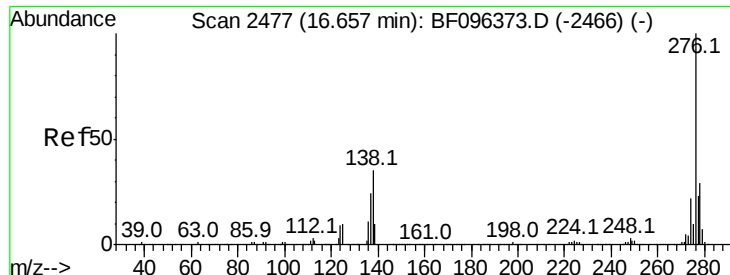


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

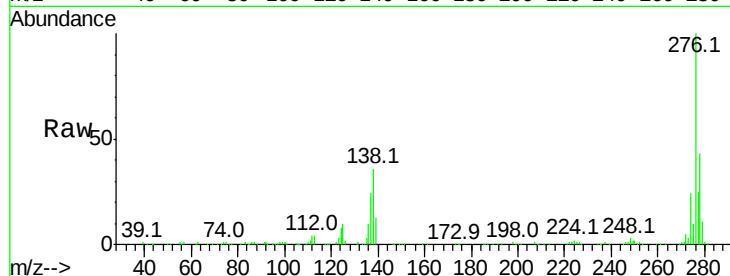




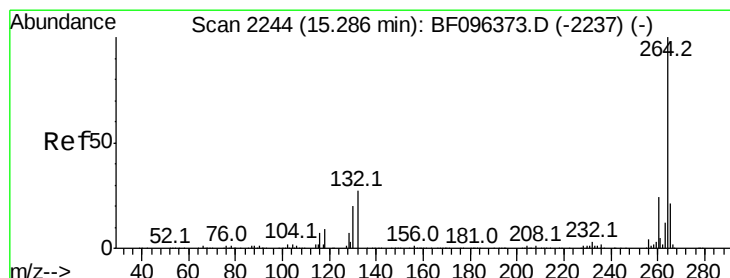
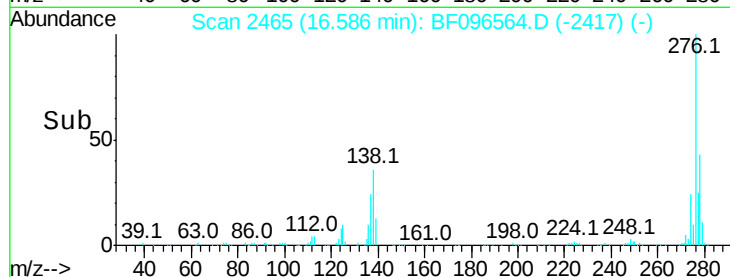
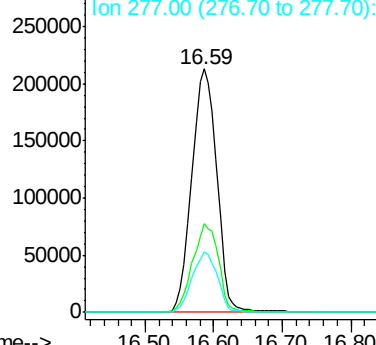
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.42 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 540329
Ion Ratio Lower Upper
276 100
138 37.2 27.8 41.6
277 24.8 20.2 30.4

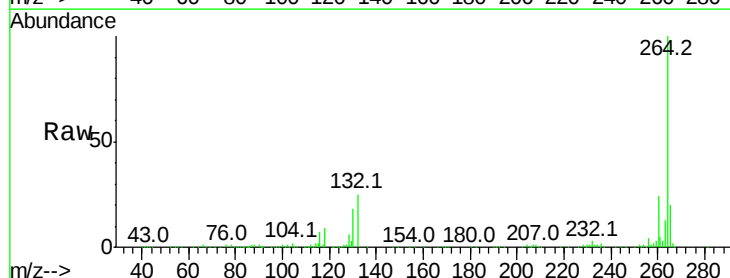


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

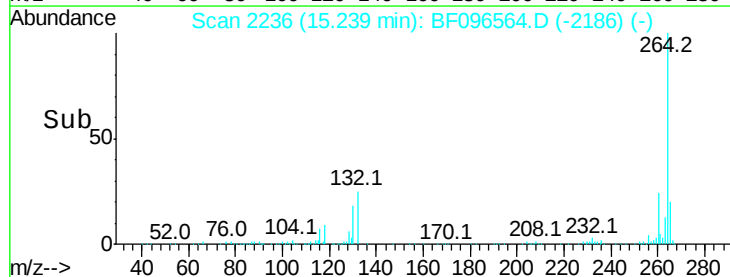
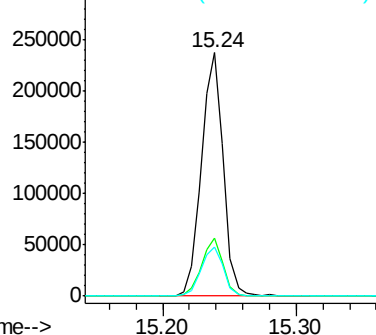


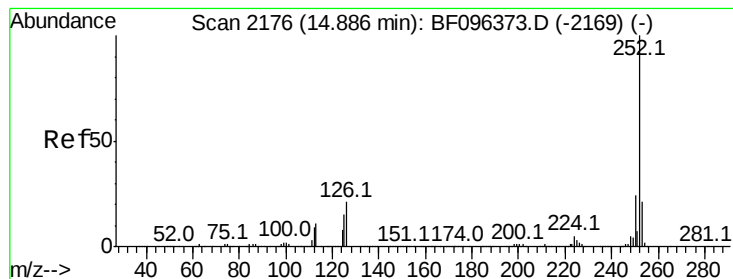
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion:264 Resp: 273306
Ion Ratio Lower Upper
264 100
260 23.8 19.5 29.3
265 20.3 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 40.91 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

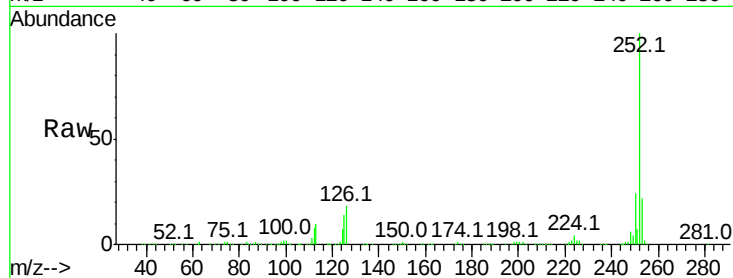
Tot Ion:252 Resp: 700583

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

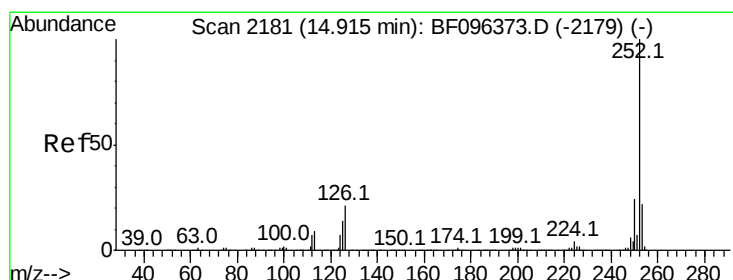
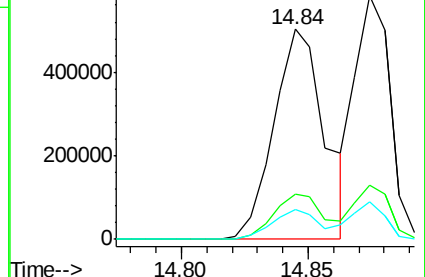
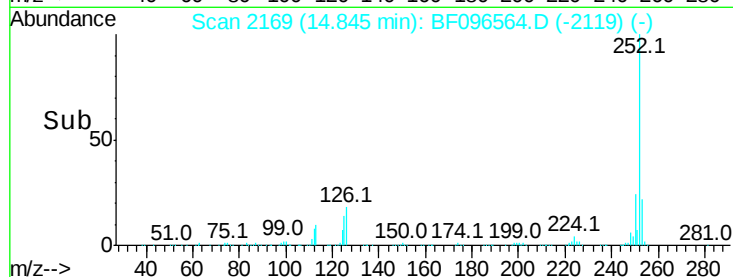
125 14.3 9.8 14.8



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: 37.24 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

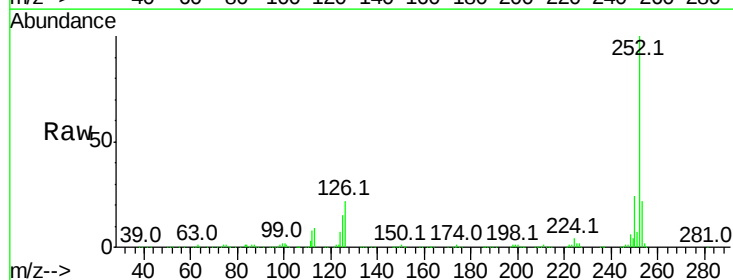
Tgt Ion:252 Resp: 570544

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

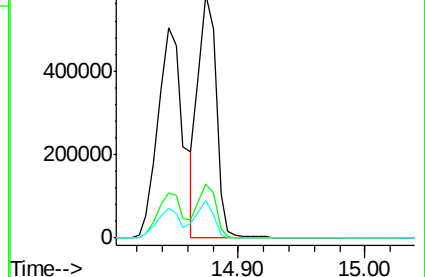
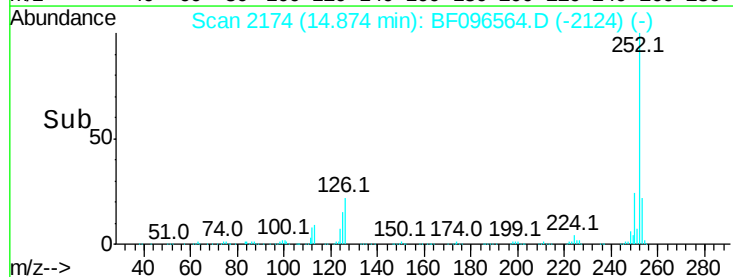
125 15.3 13.1 19.7

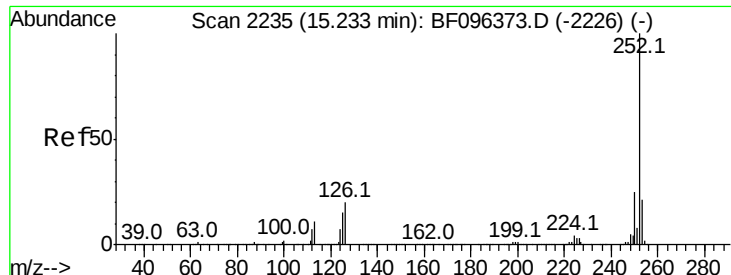


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

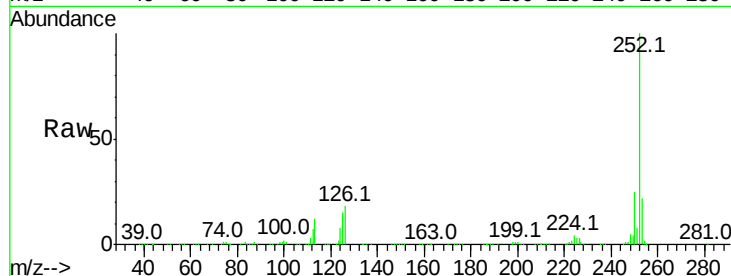




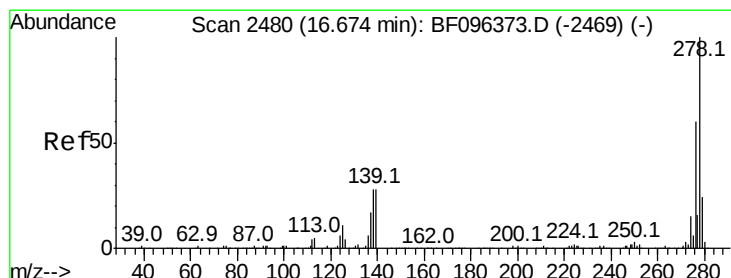
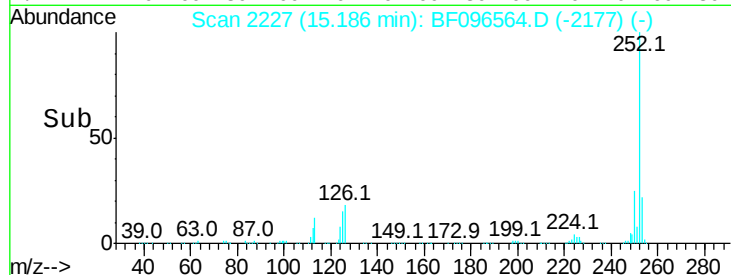
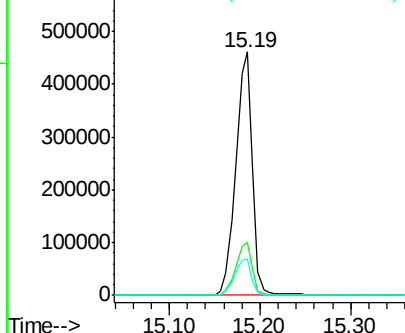
#89
Benzo(a)pyrene
Concen: 38.82 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.7	11.0	16.4

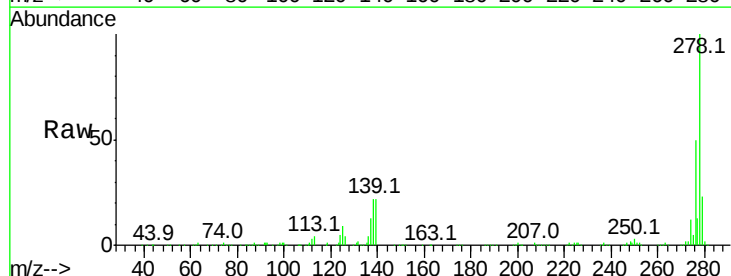


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

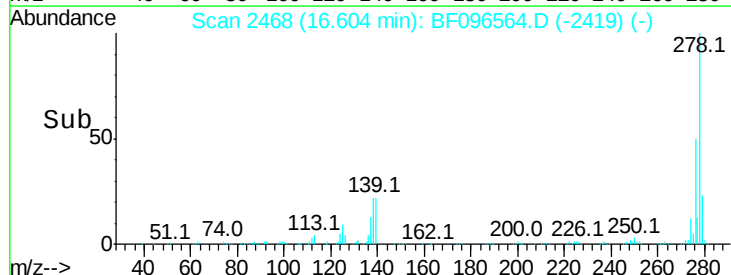
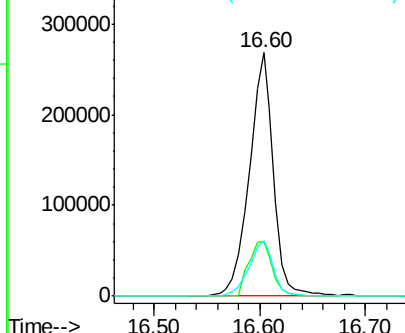


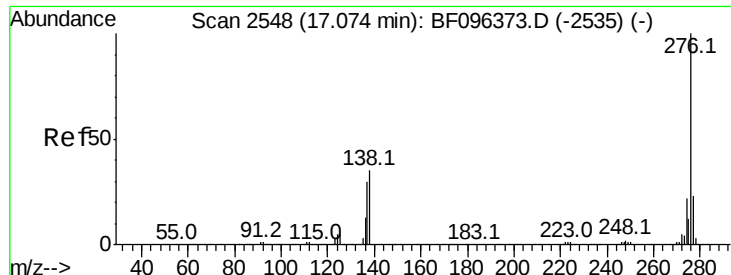
#90
Dibenzo(a,h)anthracene
Concen: 35.44 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF096564.D
Acq: 7 Jul 2017 17:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	16.6	24.8
279	23.0	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: 34.03 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF096564.D

Acq: 7 Jul 2017 17:35

Instrument :

BNA_F

ClientSampleId :

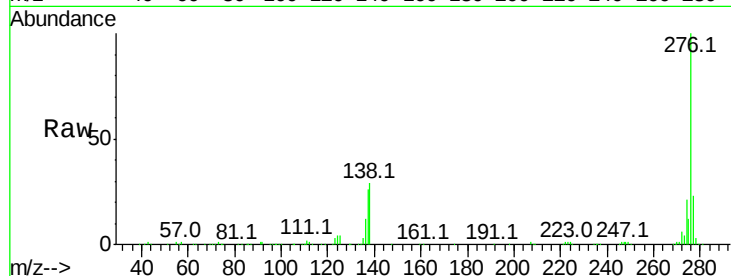
Tot Ion:276 Resp: 424158

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 29.0 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

