

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096343.D
 Acq On : 30 Jun 2017 18:25
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 23:14:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	175242	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	757231	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	324187	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	542709	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	390839	20.00	ng	0.00
86) Perylene-d12	15.33	264	326489	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	967476	79.54	ng	0.00
7) Phenol-d6	6.40	99	1204174	81.76	ng	0.00
23) Nitrobenzene-d5	7.33	82	973516	89.00	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	279284	109.47	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1511609	85.39	ng	-0.03
78) Terphenyl-d14	12.86	244	1204295	76.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.46	88	229933	39.63	ng	# 80
3) Pyridine	3.17	79	652526	41.00	ng	# 72
4) n-Nitrosodimethylamine	3.12	42	315513	40.08	ng	# 91
6) Aniline	6.42	93	804468	39.62	ng	97
8) 2-Chlorophenol	6.55	128	489777	41.04	ng	98
9) Benzaldehyde	6.30	77	361146	40.55	ng	96
10) Phenol	6.41	94	649676	40.12	ng	93
11) bis(2-Chloroethyl)ether	6.50	93	522809	39.46	ng	92
12) 1,3-Dichlorobenzene	6.70	146	527270	40.08	ng	97
13) 1,4-Dichlorobenzene	6.78	146	531496	40.25	ng	96
14) 1,2-Dichlorobenzene	6.93	146	483064	40.16	ng	98
15) Benzyl Alcohol	6.90	79	413442	41.60	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1081118	38.63	ng	92
17) 2-Methylphenol	7.02	107	420521	40.63	ng	96
18) Hexachloroethane	7.28	117	192147	40.35	ng	# 85
19) n-Nitroso-di-n-propylamine	7.18	70	348789	39.53	ng	# 84
20) 3+4-Methylphenols	7.17	107	472225	40.00	ng	98
22) Acetophenone	7.17	105	618037	39.27	ng	# 90
24) Nitrobenzene	7.35	77	532575	43.97	ng	92
25) Isophorone	7.59	82	969263	39.02	ng	98
26) 2-Nitrophenol	7.66	139	275268	49.22	ng	# 92
27) 2,4-Dimethylphenol	7.70	122	443018	39.47	ng	94
28) bis(2-Chloroethoxy)methane	7.80	93	647152	38.46	ng	99
29) 2,4-Dichlorophenol	7.90	162	402152	42.01	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	378707	39.86	ng	98
31) Naphthalene	8.07	128	1436705	39.37	ng	100
32) Benzoic acid	7.83	122	316858	41.38	ng	94
33) 4-Chloroaniline	8.11	127	610005	40.38	ng	98
34) Hexachlorobutadiene	8.19	225	187907	39.87	ng	97
35) Caprolactam	8.49	113	140083	42.34	ng	# 57
36) 4-Chloro-3-methylphenol	8.60	107	421264	40.44	ng	89
37) 2-Methylnaphthalene	8.76	142	931613	39.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	318871	40.63	ng	99
40) Hexachlorocyclopentadiene	8.92	237	162486	46.19	ng	94

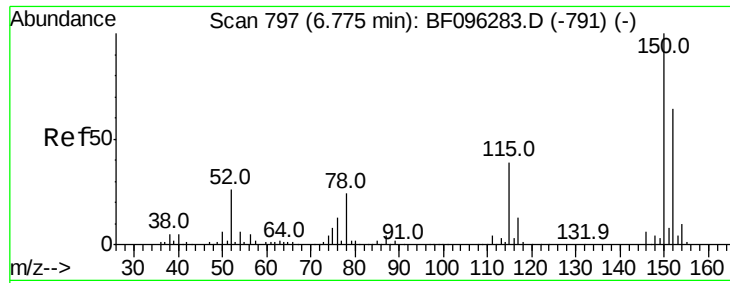
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096343.D
 Acq On : 30 Jun 2017 18:25
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 23:14:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	249262	42.14	nq	99
43) 2,4,5-Trichlorophenol	9.07	196	270567	43.39	nq	97
45) 1,1'-Biphenyl	9.22	154	1017471	40.91	nq	97
46) 2-Chloronaphthalene	9.25	162	810285	39.27	nq	92
47) 2-Nitroaniline	9.34	65	313971	48.18	nq	92
48) Acenaphthylene	9.66	152	1351588	39.48	nq	98
49) Dimethylphthalate	9.53	163	910794	39.26	nq	99
50) 2,6-Dinitrotoluene	9.58	165	214952	44.54	nq	# 77
51) Acenaphthene	9.83	154	818517	40.62	nq	100
52) 3-Nitroaniline	9.75	138	274848	44.47	nq	99
53) 2,4-Dinitrophenol	9.85	184	109824	59.93	nq	# 72
54) Dibenzofuran	10.00	168	1066562	40.54	nq	99
55) 4-Nitrophenol	9.90	139	221410	44.31	nq	# 65
56) 2,4-Dinitrotoluene	9.99	165	278259	45.75	nq	# 82
57) Fluorene	10.35	166	781516	44.01	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	185215	42.52	nq	# 99
59) Diethylphthalate	10.22	149	883344	37.92	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	323694	42.83	nq	94
61) 4-Nitroaniline	10.36	138	242702	45.14	nq	88
62) Azobenzene	10.50	77	895602	38.12	nq	94
64) 4,6-Dinitro-2-methylphenol	10.39	198	144975	50.37	nq	92
65) n-Nitrosodiphenylamine	10.46	169	736531	37.74	nq	97
66) 4-Bromophenyl-phenylether	10.83	248	220867	39.55	nq	95
67) Hexachlorobenzene	10.90	284	242888	42.31	nq	# 91
68) Atrazine	10.99	200	204452	39.70	nq	96
69) Pentachlorophenol	11.09	266	152839	46.64	nq	98
70) Phenanthrene	11.30	178	1156604	41.98	nq	100
71) Anthracene	11.36	178	1192501	39.32	nq	99
72) Carbazole	11.51	167	1257168	37.55	nq	99
73) Di-n-butylphthalate	11.85	149	1352286	38.25	nq	99
74) Fluoranthene	12.49	202	1142956	37.91	nq	96
76) Benzidine	12.60	184	513995	35.08	nq	# 94
77) Pyrene	12.72	202	1190849	37.07	nq	100
79) Butylbenzylphthalate	13.33	149	555049	37.71	nq	# 75
80) Benzo(a)anthracene	13.90	228	819871	34.41	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	347569	38.31	nq	# 96
82) Chrysene	13.94	228	865585	35.13	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	578701	36.18	nq	# 98
84) Di-n-octyl phthalate	14.51	149	1094264	33.21	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.72	276	767079	37.50	nq	99
87) Benzo(b)fluoranthene	14.96	252	711217	33.16	nq	98
88) Benzo(k)fluoranthene	14.96	252	711217	36.32	nq	95
89) Benzo(a)pyrene	15.27	252	707992	37.37	nq	97
90) Dibenzo(a,h)anthracene	16.74	278	641364	43.24	nq	98
91) Benzo(g,h,i)perylene	17.14	276	684279	44.38	nq	96

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

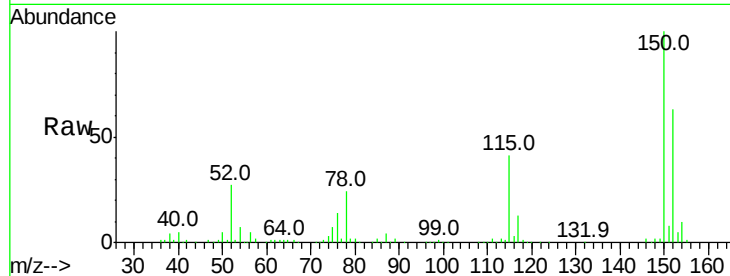


#1

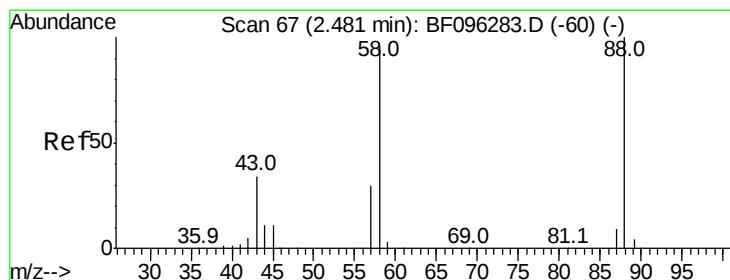
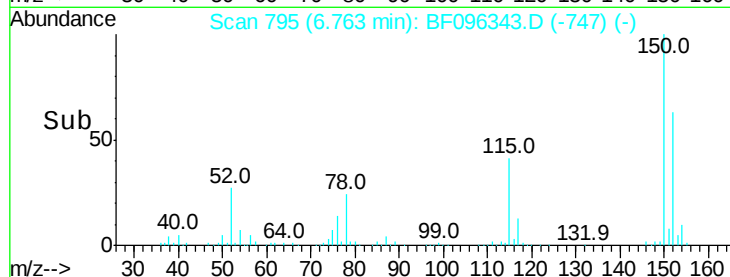
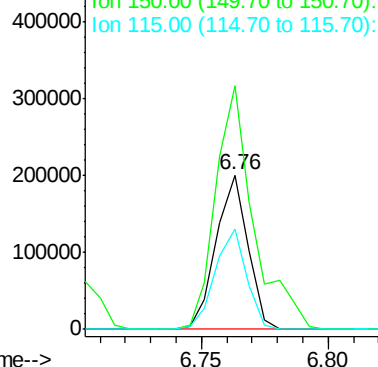
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 175242
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 65.1 52.2 78.2



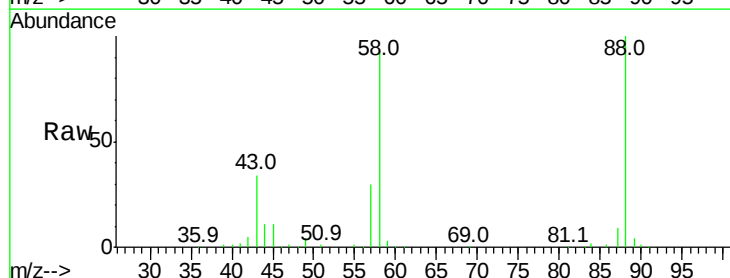
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



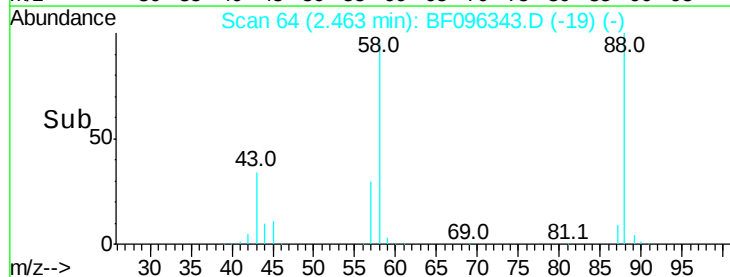
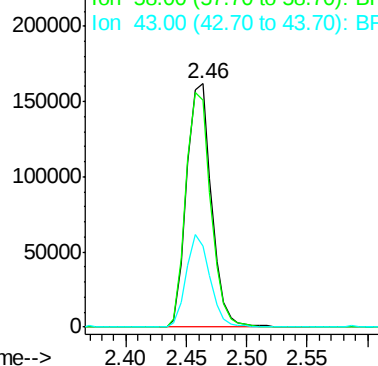
#2

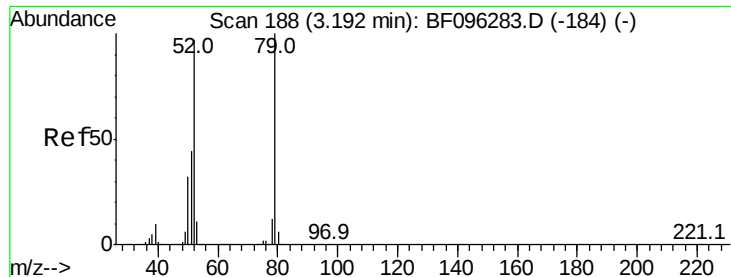
1,4-Dioxane
Concen: 39.63 ng
RT: 2.46 min Scan# 64
Delta R.T. -0.04 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion: 88 Resp: 229933
Ion Ratio Lower Upper
88 100
58 96.2 61.4 92.0#
43 35.6 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: 41.00 ng

RT: 3.17 min Scan# 184

Delta R.T. -0.06 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

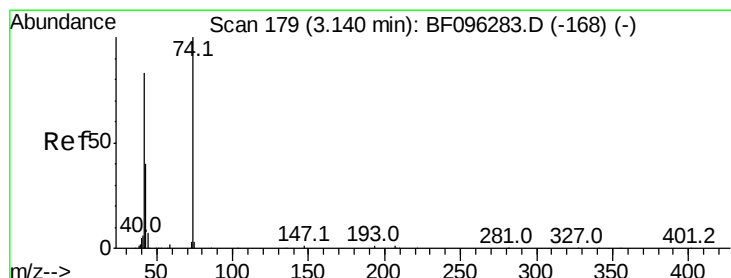
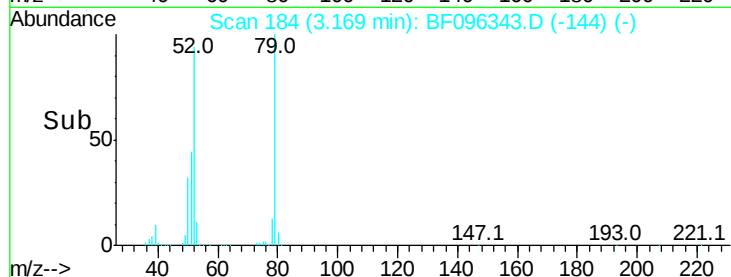
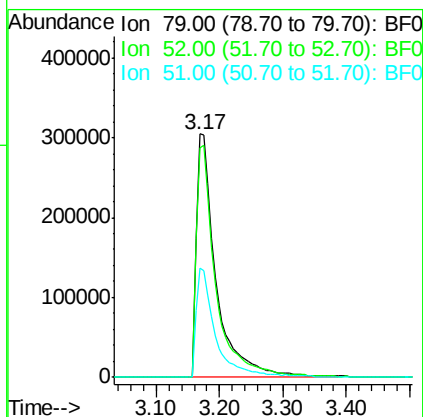
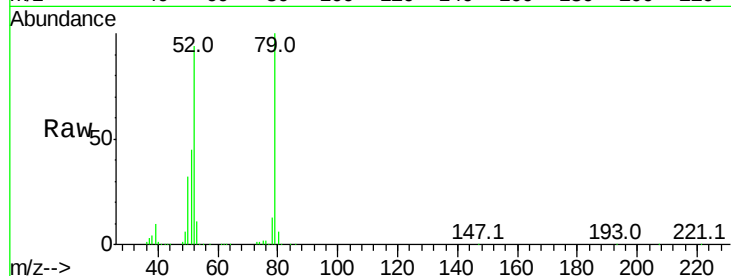
Tot Ion: 79 Resp: 652526

Ion Ratio Lower Upper

79 100

52 94.5 54.8 82.2#

51 44.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.08 ng

RT: 3.12 min Scan# 175

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

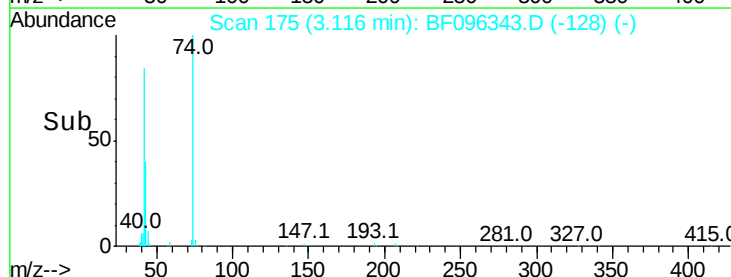
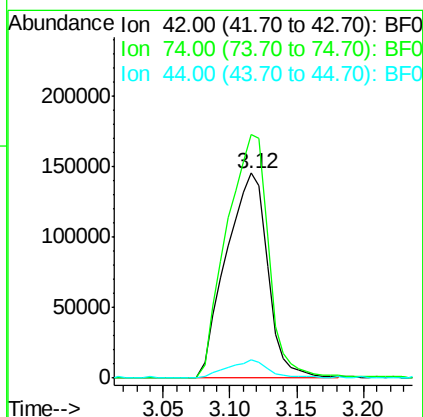
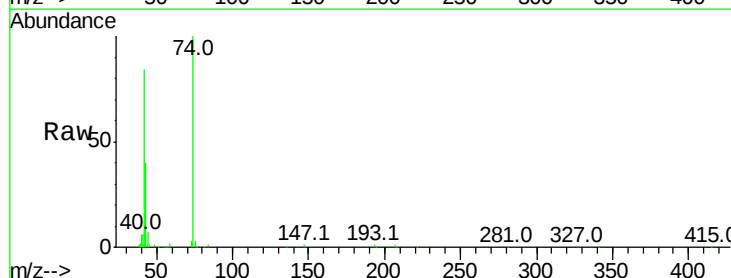
Tgt Ion: 42 Resp: 315513

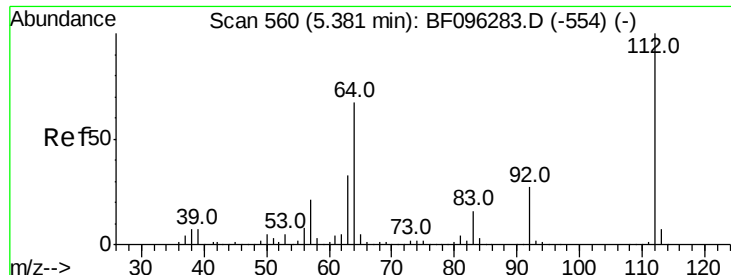
Ion Ratio Lower Upper

42 100

74 118.9 103.9 155.9

44 8.7 5.7 8.5#





#5

2-Fluorophenol

Concen: 79.54 ng

RT: 5.37 min Scan# 559

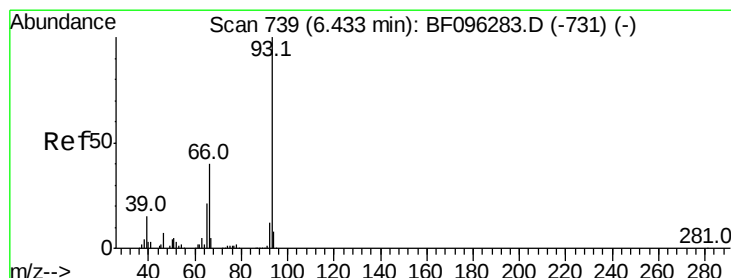
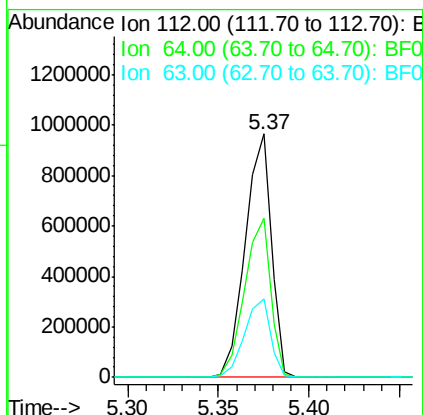
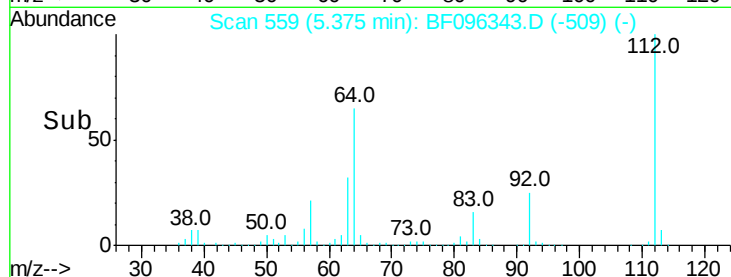
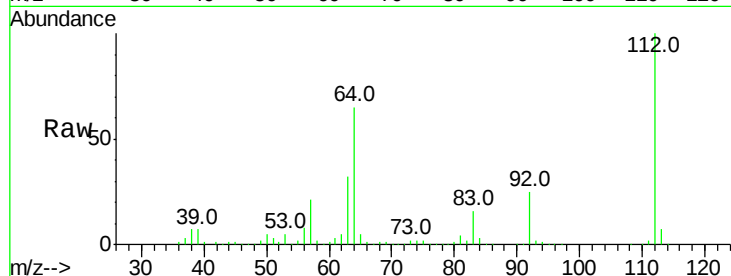
Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	967476
Ion	Ratio	Lower	Upper
112	100		
64	65.1	46.0	69.0
63	32.1	23.4	35.0



#6

Aniline

Concen: 39.62 ng

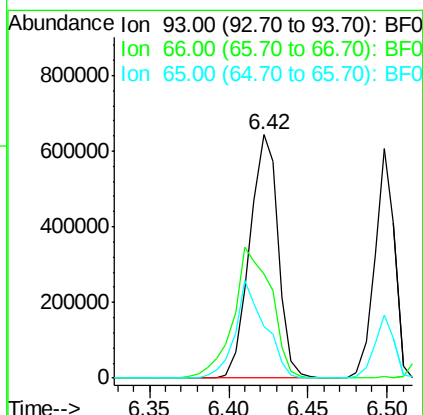
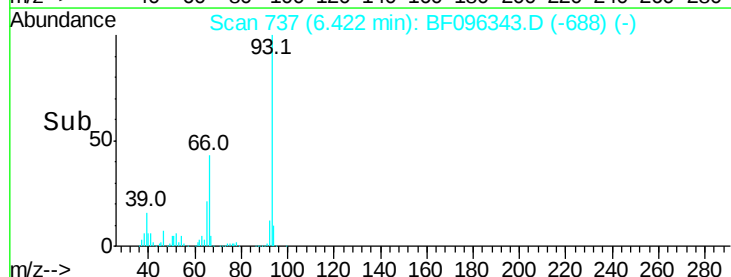
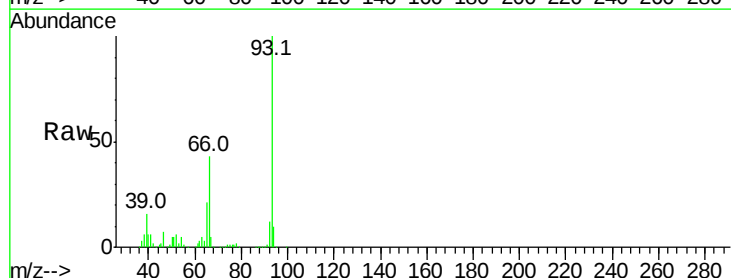
RT: 6.42 min Scan# 737

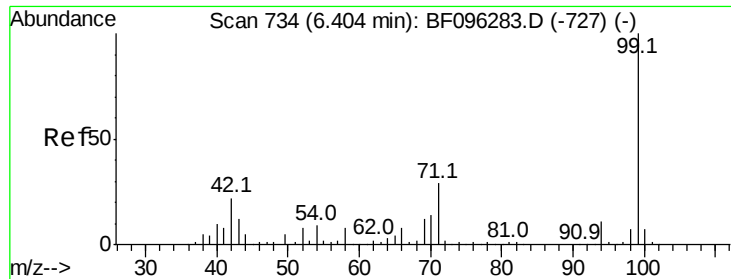
Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Tgt Ion:	93	Resp:	804468
Ion	Ratio	Lower	Upper
93	100		
66	42.6	32.9	49.3
65	21.3	16.0	24.0





#7

Phenol-d6

Concen: 81.76 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

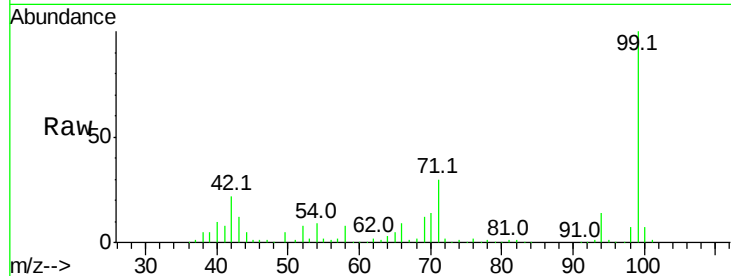
Instrument :

BNA_F

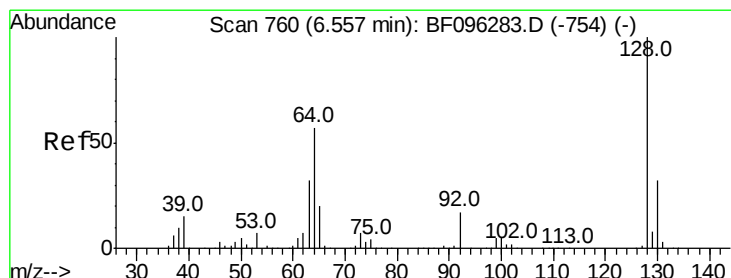
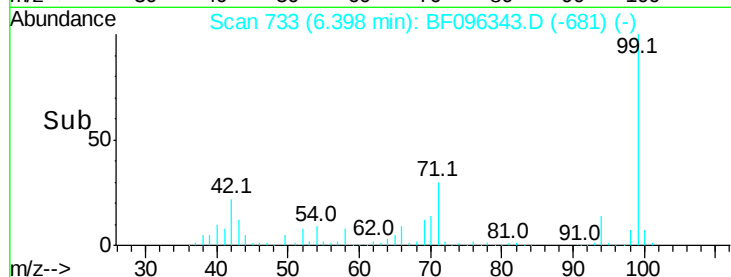
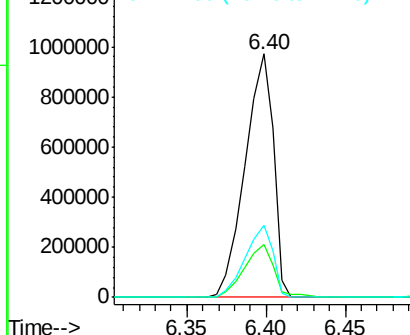
ClientSampleId :

Tot Ion: 99 Resp: 1204174

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	29.8	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.55 min Scan# 759

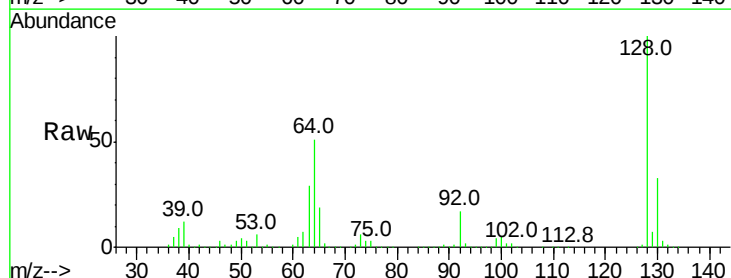
Delta R.T. -0.01 min

Lab File: BF096343.D

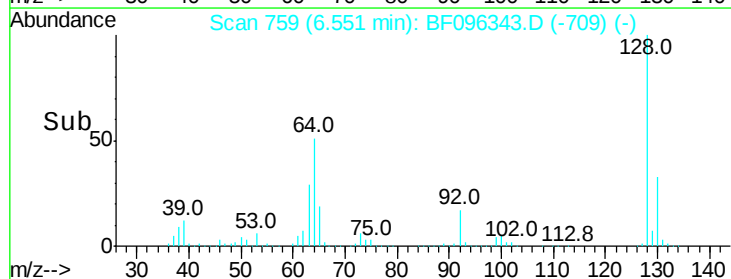
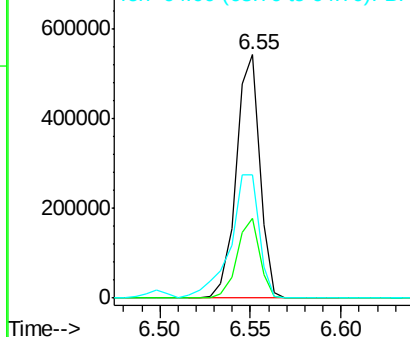
Acq: 30 Jun 2017 18:25

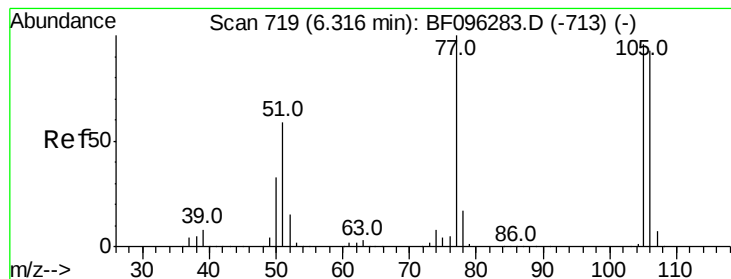
Tgt Ion: 128 Resp: 489777

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.9	52.9
64	50.7	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: 40.55 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

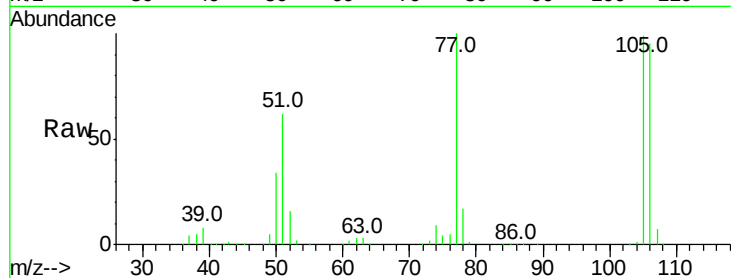
Tot Ion: 77 Resp: 361146

Ion Ratio Lower Upper

77 100

105 99.1 83.8 123.8

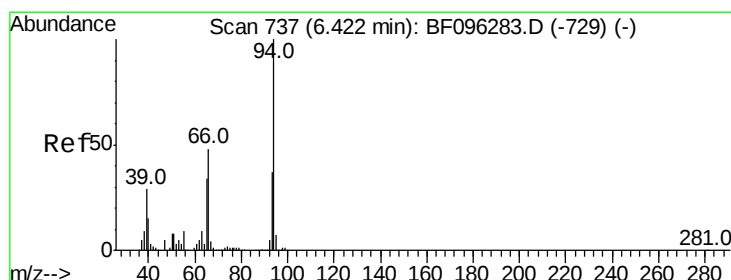
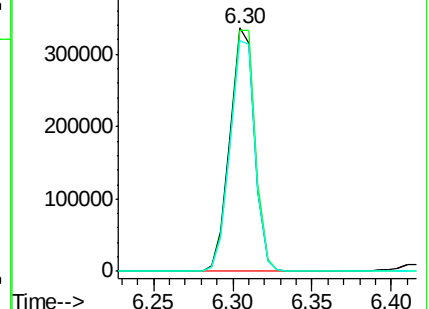
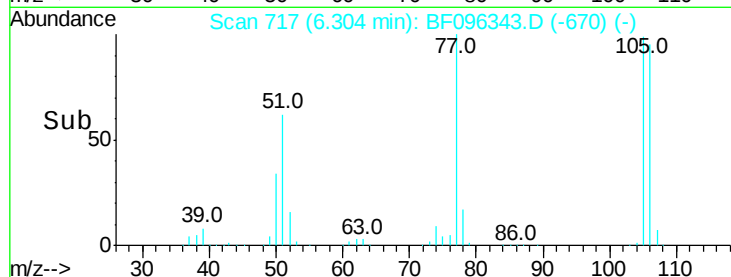
106 94.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.12 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

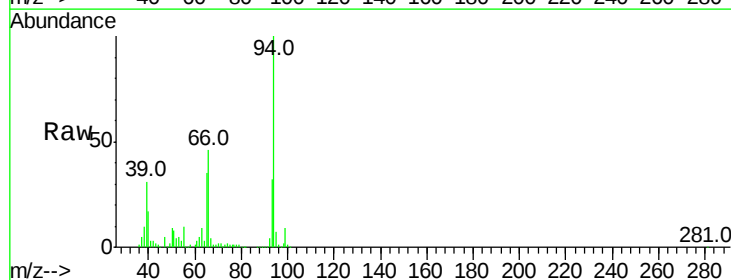
Tgt Ion: 94 Resp: 649676

Ion Ratio Lower Upper

94 100

65 34.6 9.9 49.9

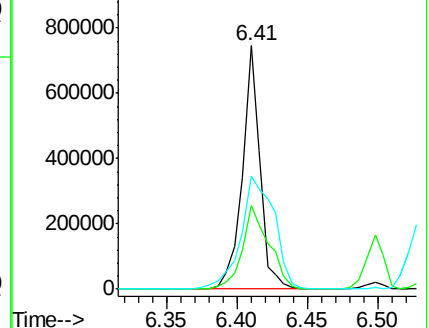
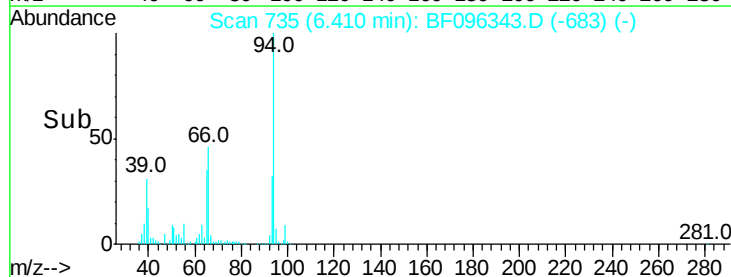
66 46.5 23.1 63.1

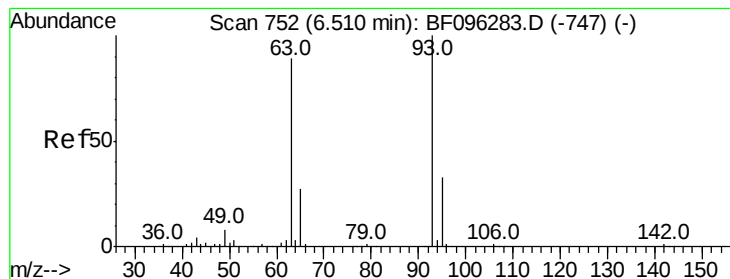


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.46 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

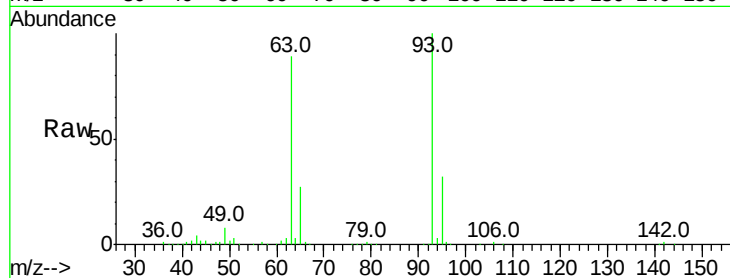
Tot Ion: 93 Resp: 522809

Ion Ratio Lower Upper

93 100

63 89.1 59.2 99.2

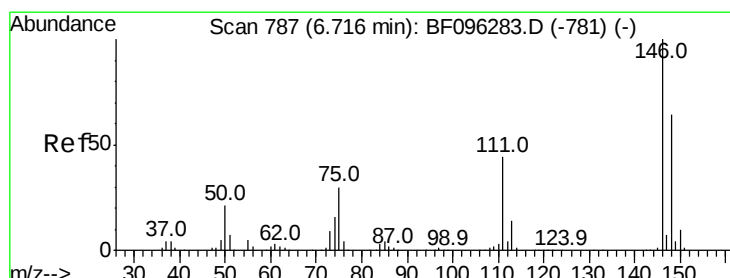
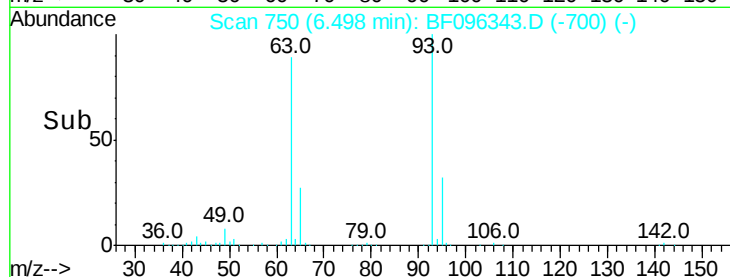
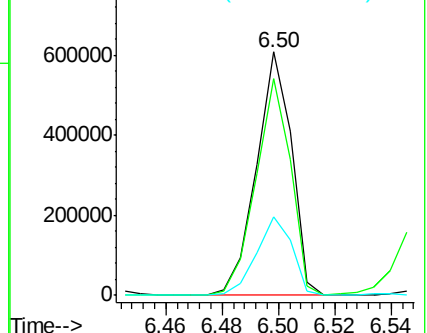
95 32.1 12.8 52.8



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: 40.08 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

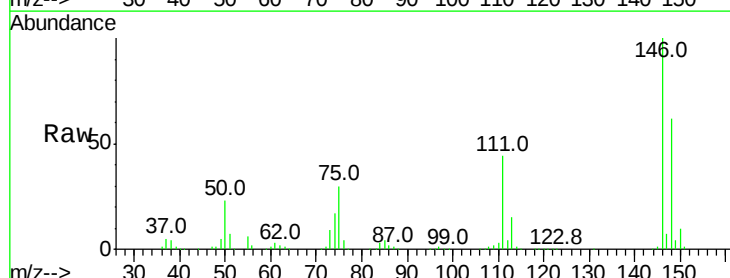
Tgt Ion: 146 Resp: 527270

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.6

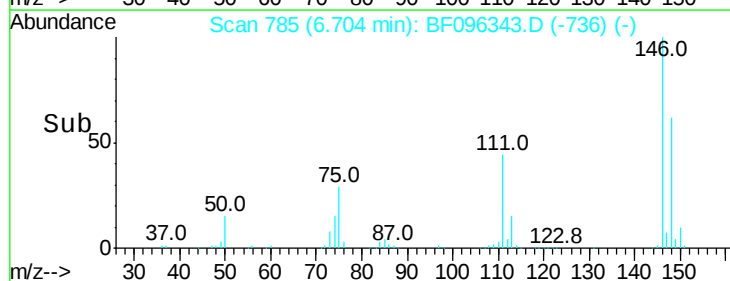
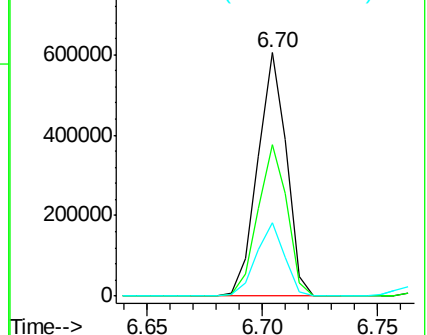
75 30.1 23.1 34.7

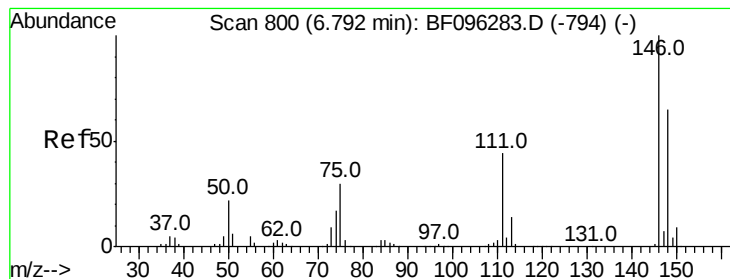


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.25 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

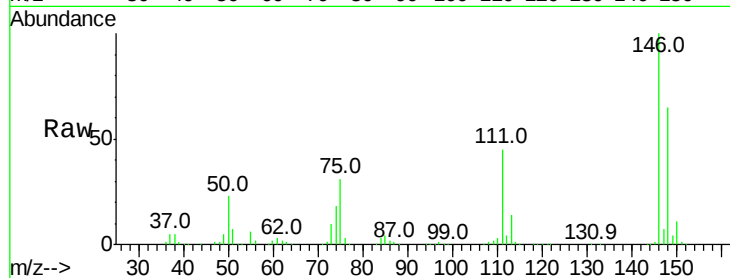
Tot Ion:146 Resp: 531496

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

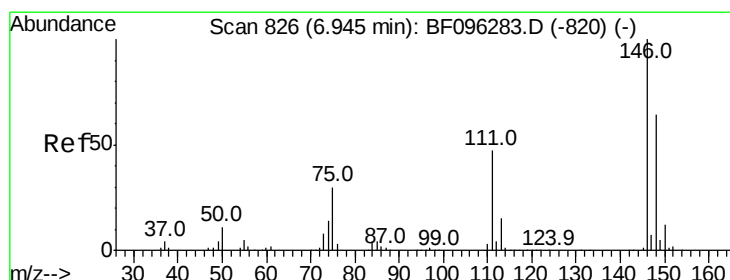
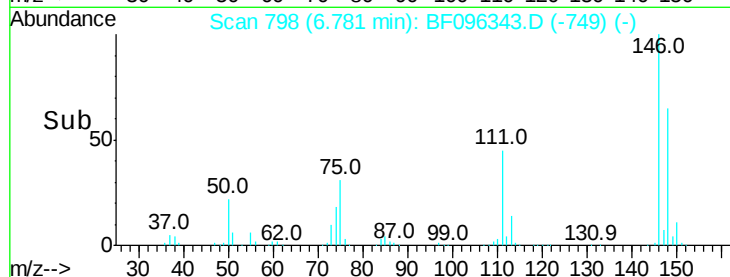
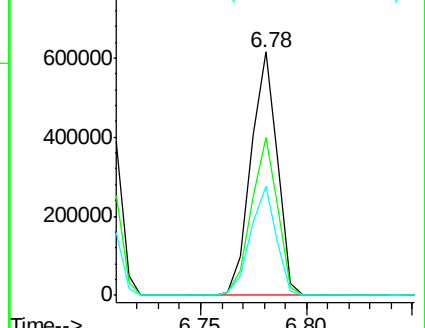
111 44.7 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.16 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

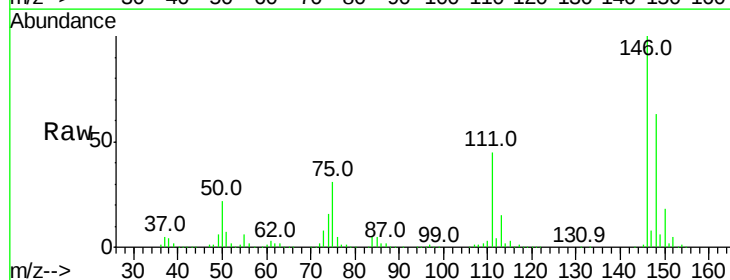
Tgt Ion:146 Resp: 483064

Ion Ratio Lower Upper

146 100

148 63.3 50.4 75.6

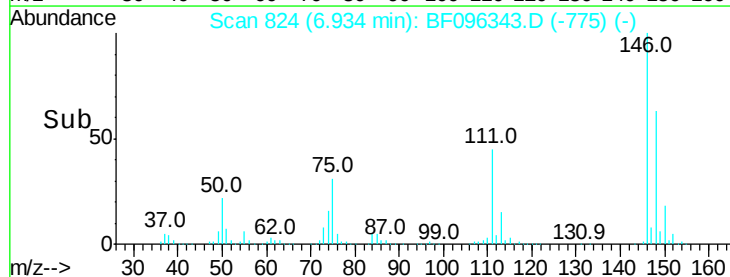
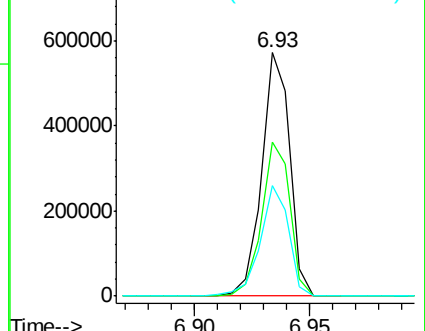
111 45.2 38.2 57.4

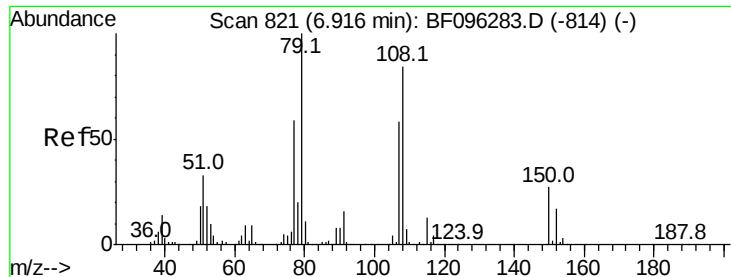


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.60 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

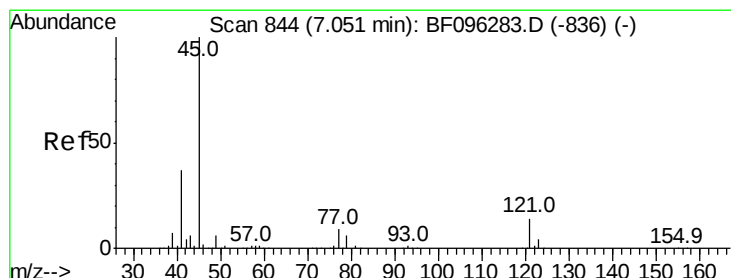
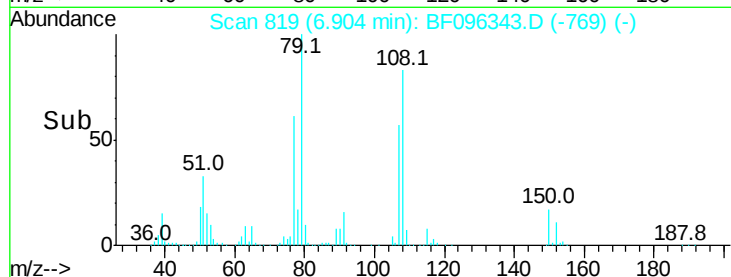
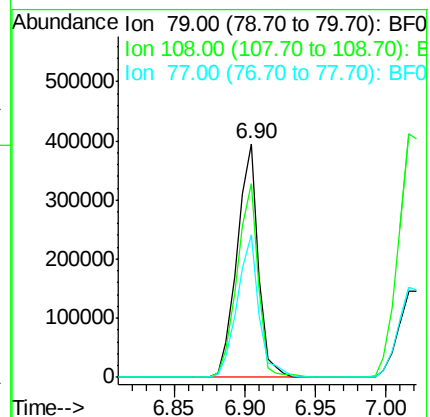
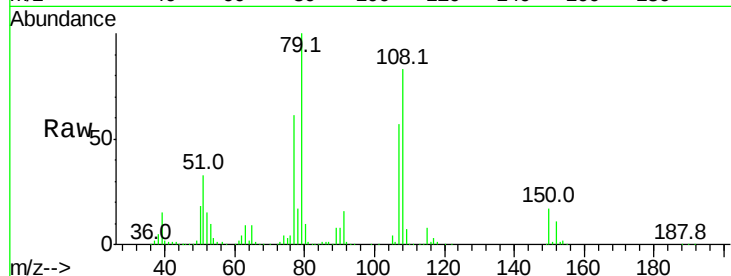
Tot Ion: 79 Resp: 413442

Ion Ratio Lower Upper

79 100

108 82.8 63.4 95.0

77 61.1 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.63 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

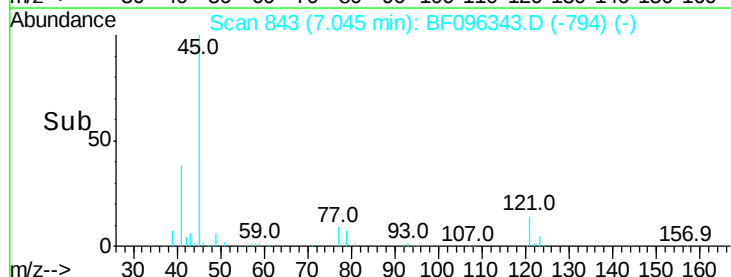
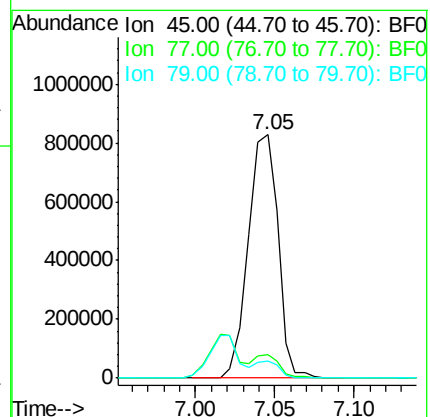
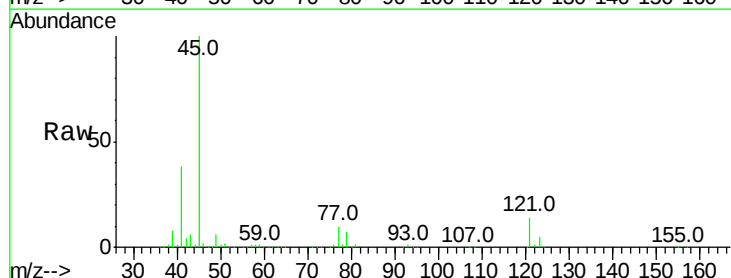
Tgt Ion: 45 Resp: 1081118

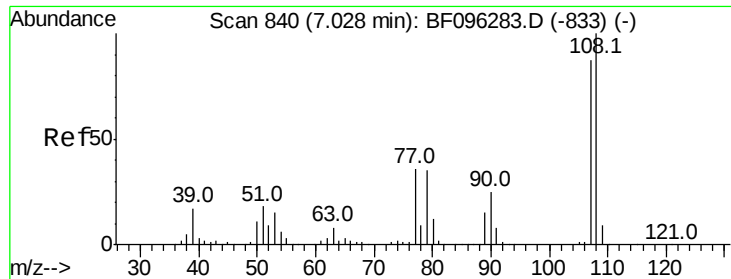
Ion Ratio Lower Upper

45 100

77 9.9 0.0 33.2

79 7.2 0.0 30.0

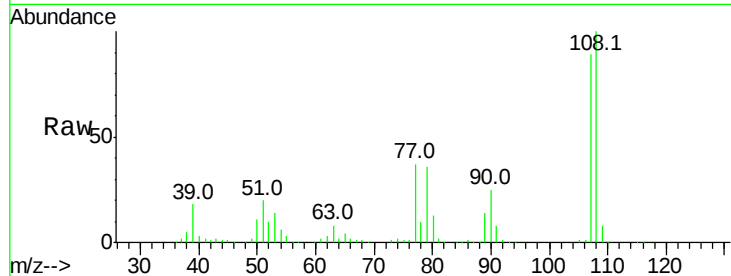




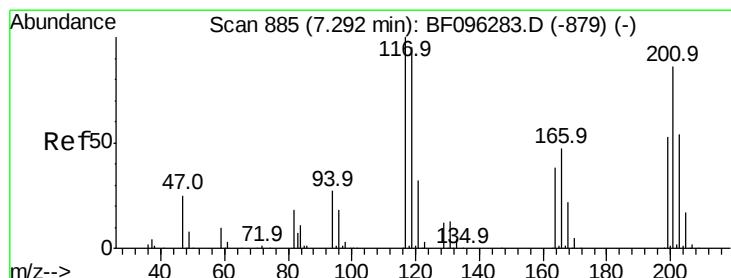
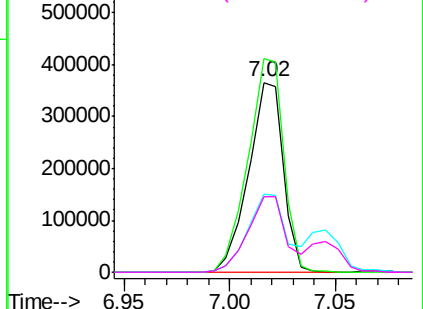
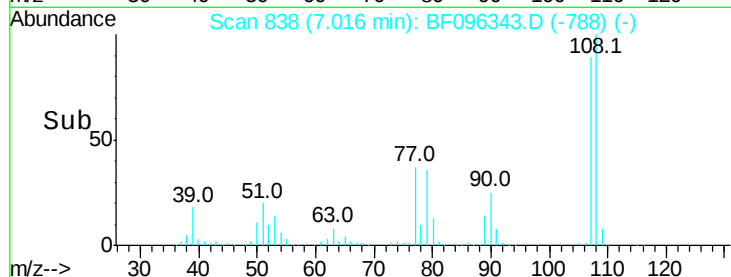
#17
2-Methylphenol
Concen: 40.63 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 420521
Ion Ratio Lower Upper
107 100
108 112.6 93.4 140.0
77 41.4 35.8 53.6
79 40.1 34.8 52.2

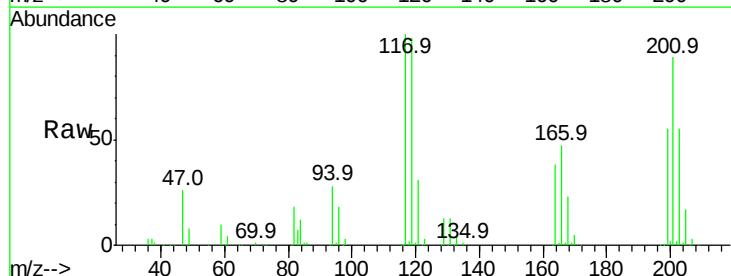


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

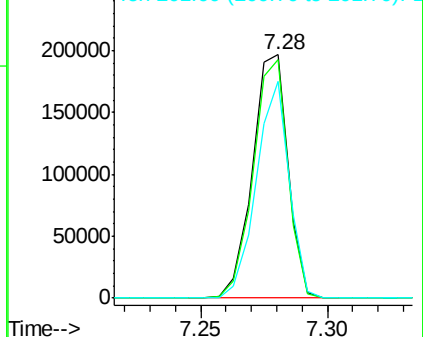
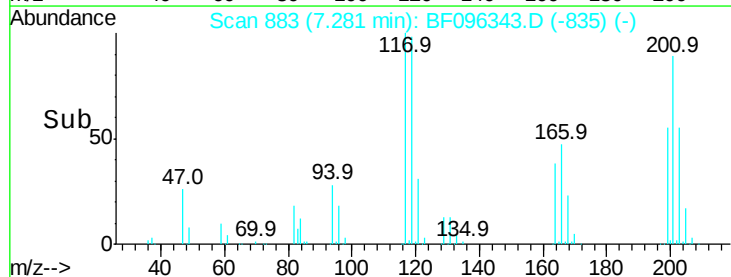


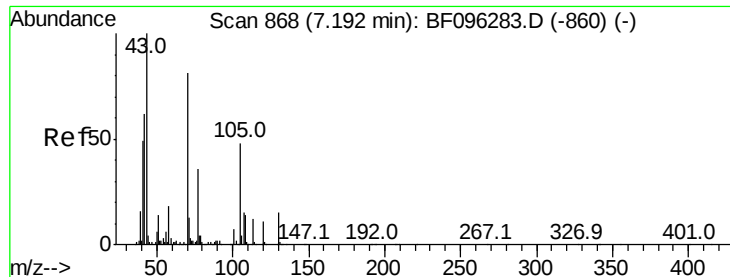
#18
Hexachloroethane
Concen: 40.35 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:117 Resp: 192147
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.0
201 89.3 94.6 141.8#



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

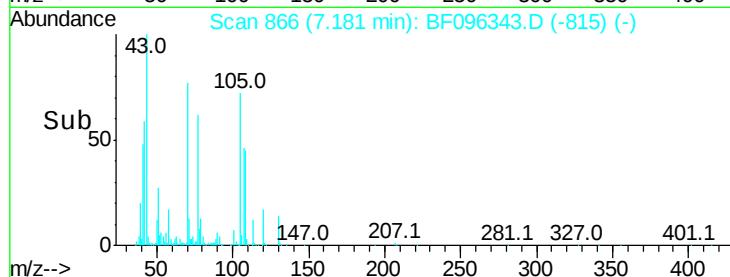
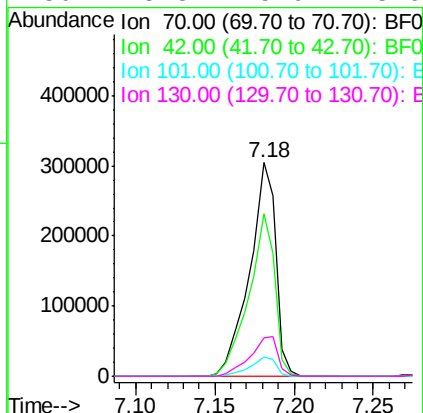
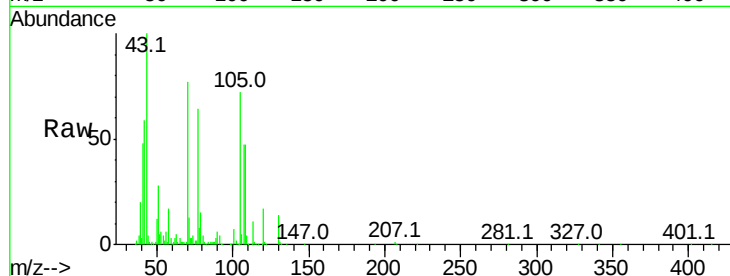




#19
n-Nitroso-di-n-propylamine
Concen: 39.53 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

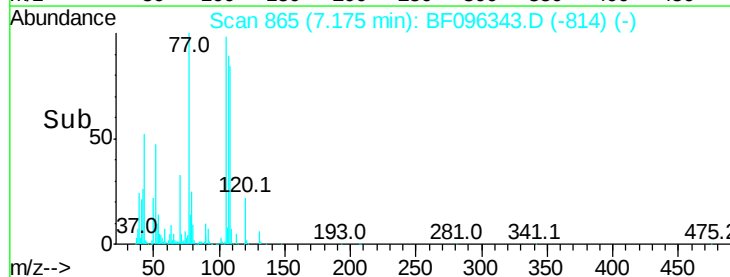
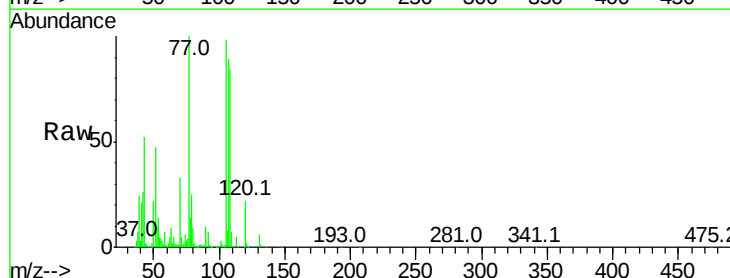
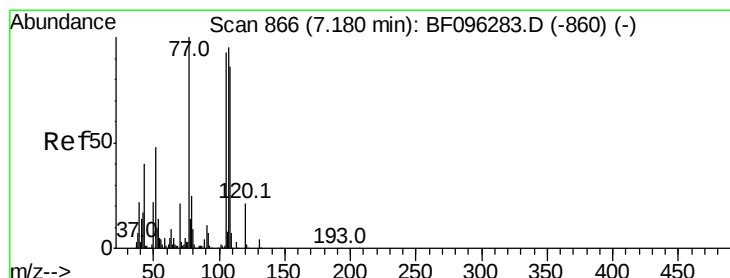
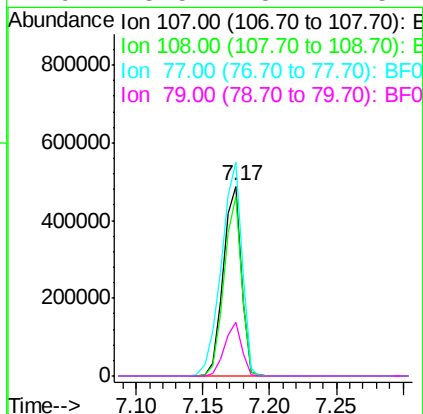
Instrument :
BNA_F
ClientSampleId :

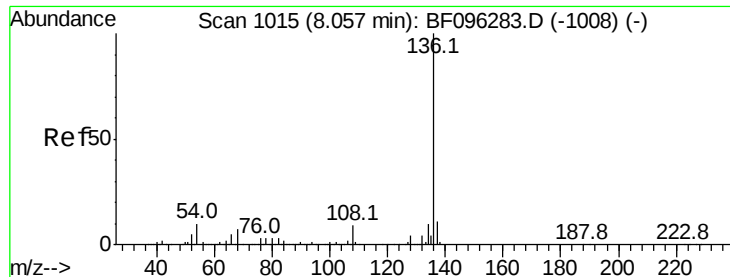
Tot Ion: 70 Resp: 348789
Ion Ratio Lower Upper
70 100
42 76.1 47.2 70.8#
101 8.8 7.2 10.8
130 18.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 40.00 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion: 107 Resp: 472225
Ion Ratio Lower Upper
107 100
108 94.3 71.0 111.0
77 112.5 90.5 130.5
79 28.5 8.4 48.4

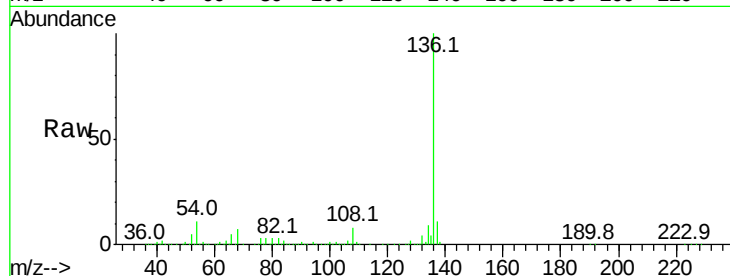




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot	Ion:136	Resp:	757231
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.7	4.9	7.3#
68	6.5	4.1	6.1#



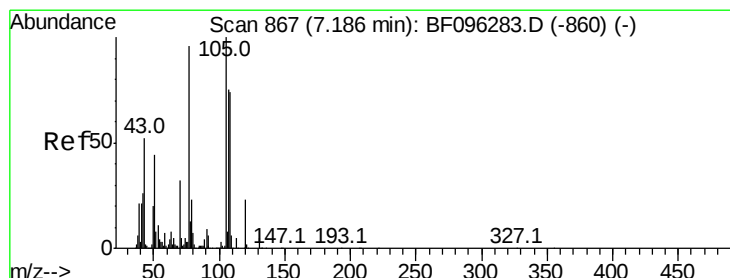
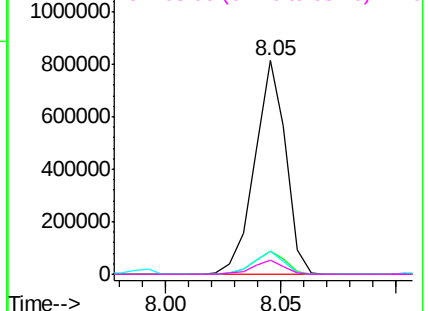
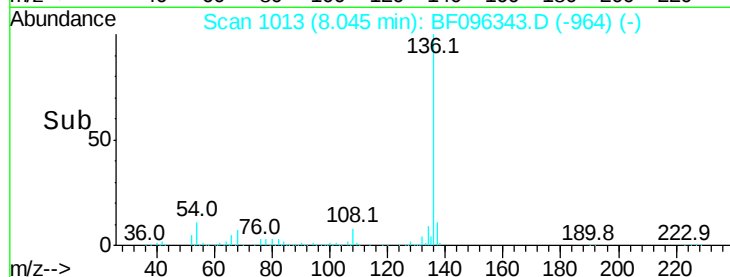
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

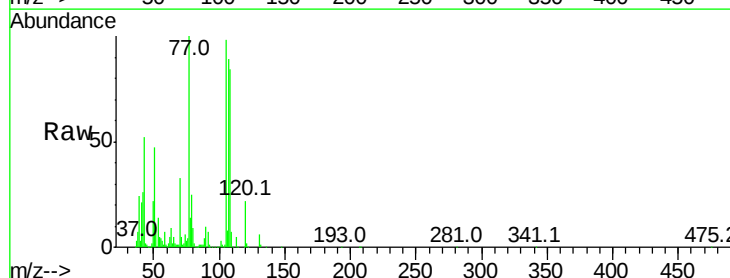
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.27 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.03 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt	Ion:105	Resp:	618037
Ion	Ratio	Lower	Upper
105	100		
71	5.3	2.8	4.2#
51	47.7	30.7	46.1#
120	22.2	17.4	26.0



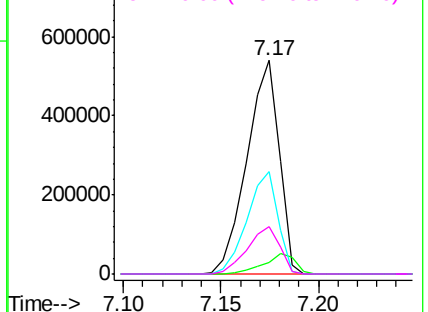
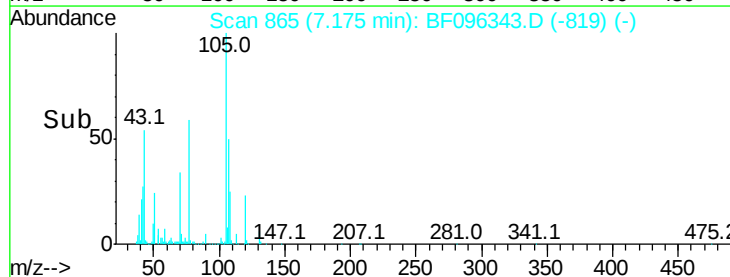
Abundance

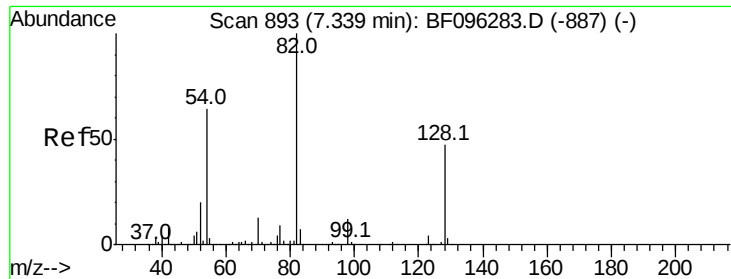
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

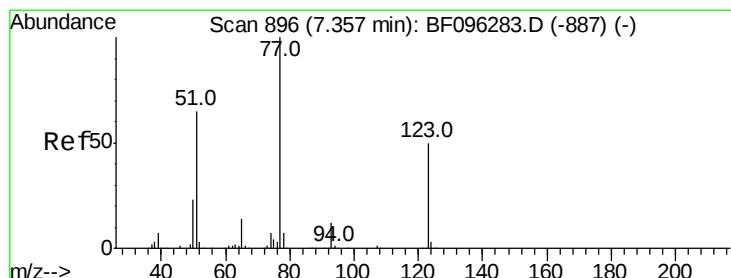
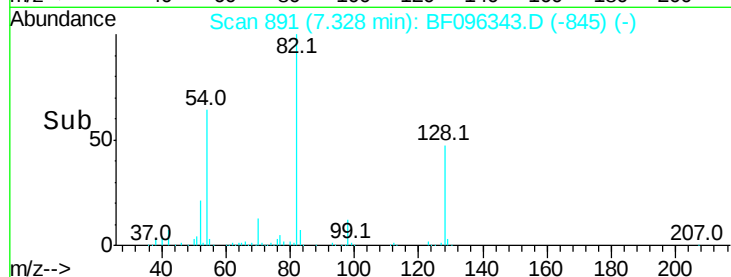
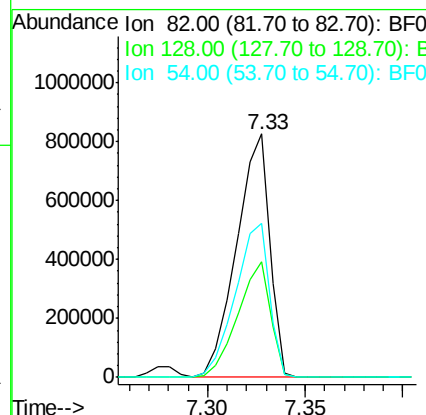
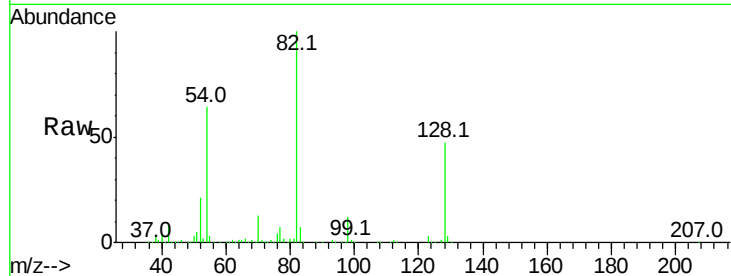




#23
 Nitrobenzene-d5
 Concen: 89.00 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.03 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

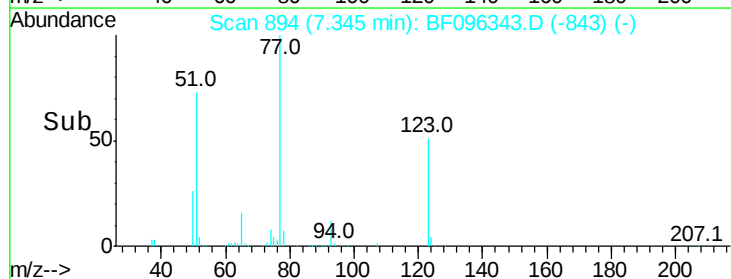
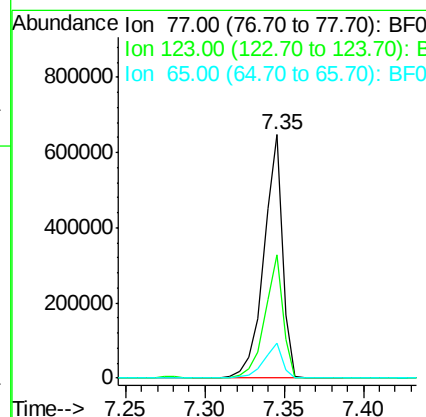
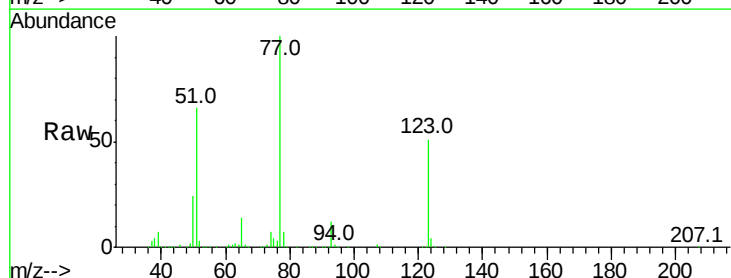
Instrument :
 BNA_F
 ClientSampleId :

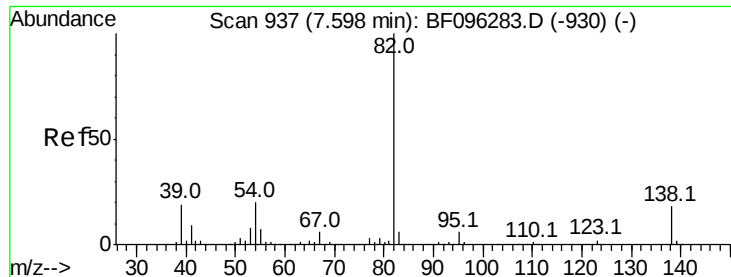
Tot Ion: 82 Resp: 973516
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.0 51.0
 54 63.5 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.97 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion: 77 Resp: 532575
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.8 53.8
 65 14.3 10.6 15.8





#25

Isophorone

Concen: 39.02 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

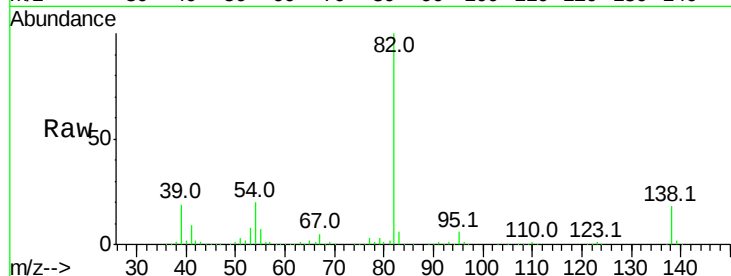
Tot Ion: 82 Resp: 969263

Ion Ratio Lower Upper

82 100

95 6.1 5.3 7.9

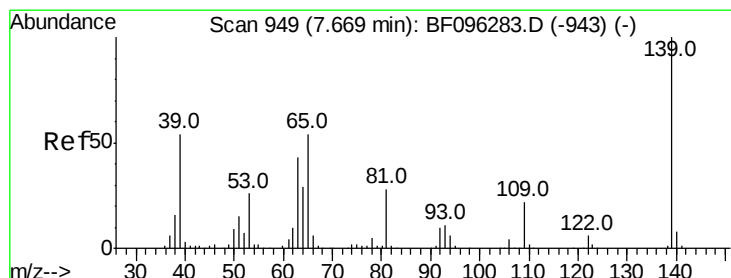
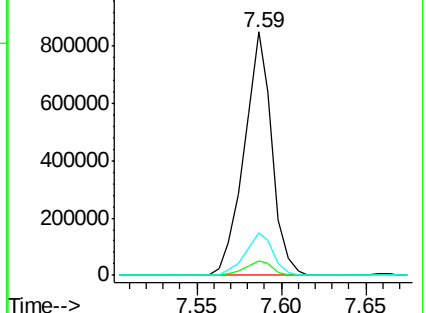
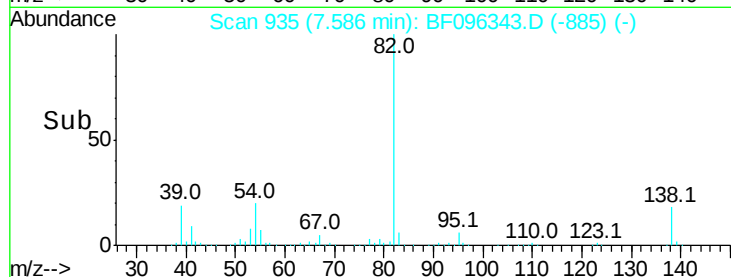
138 17.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 49.22 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

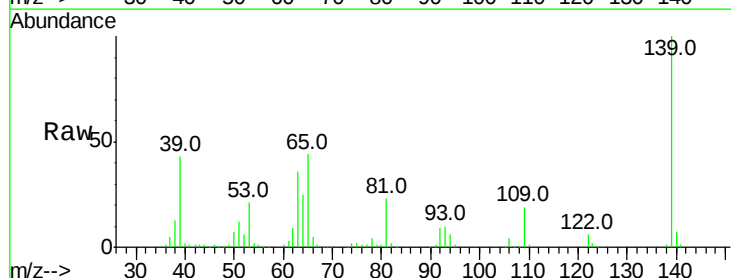
Tgt Ion: 139 Resp: 275268

Ion Ratio Lower Upper

139 100

109 19.2 21.0 31.6#

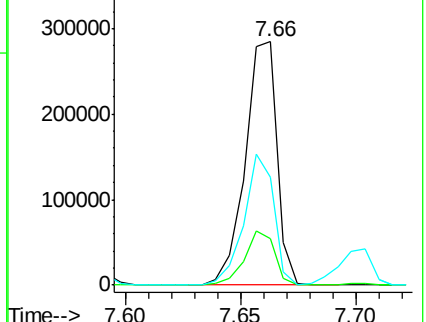
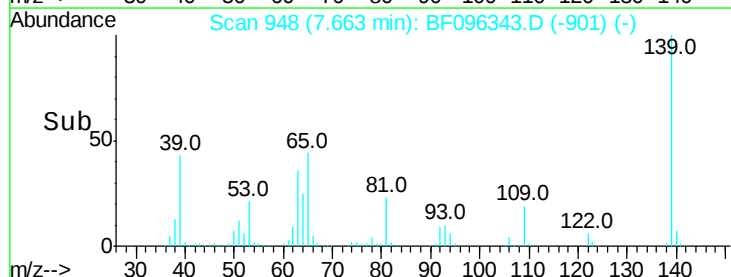
65 44.4 33.0 49.6

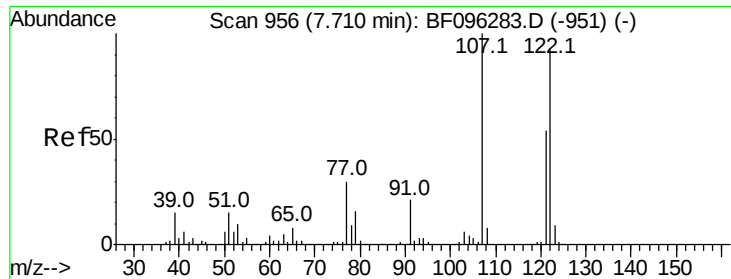


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

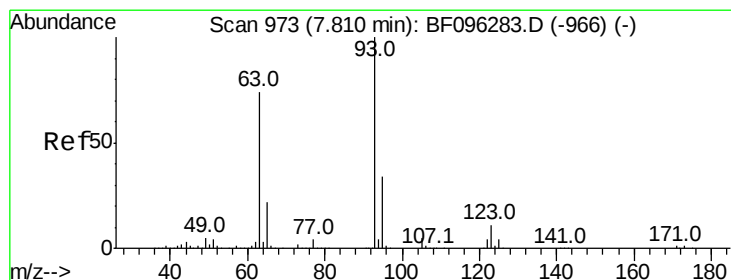
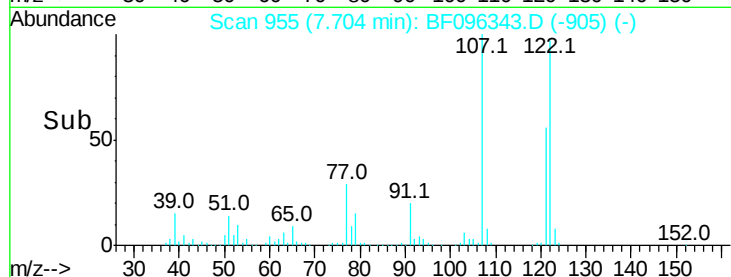
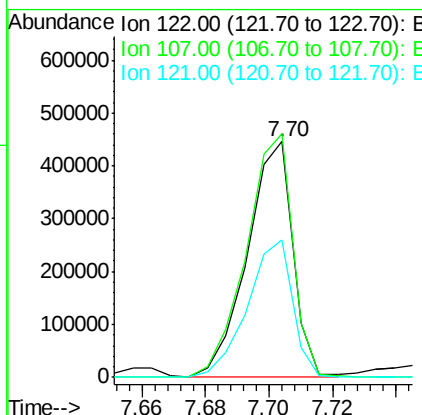
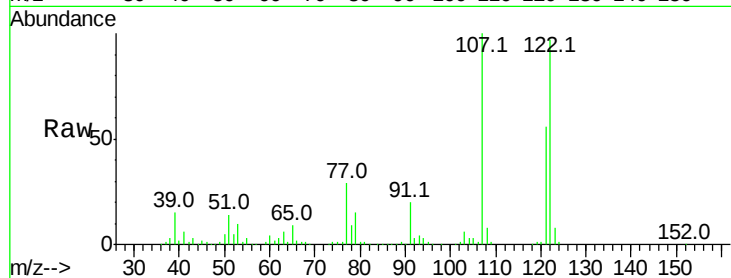




#27
 2,4-Dimethylphenol
 Concen: 39.47 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

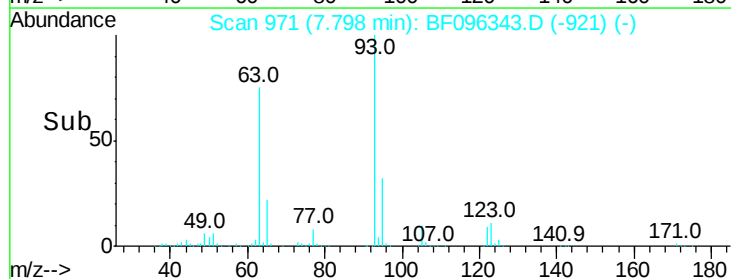
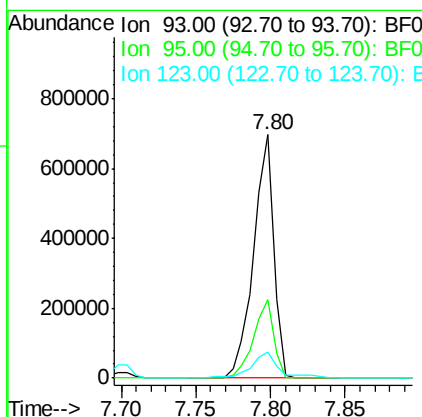
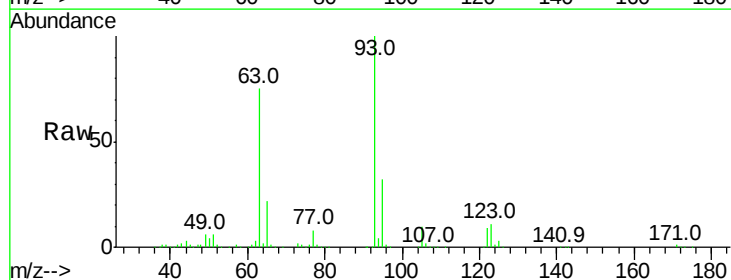
Instrument :
 BNA_F
 ClientSampleId :

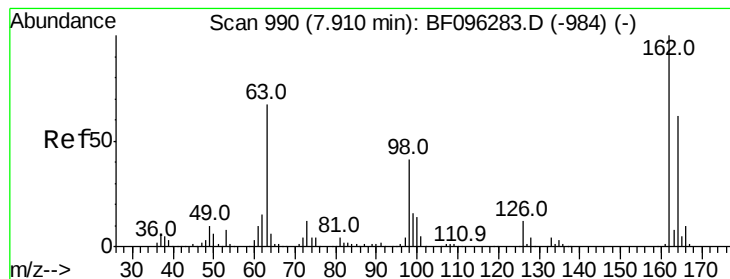
Tot Ion:122 Resp: 443018
 Ion Ratio Lower Upper
 122 100
 107 103.4 89.2 133.8
 121 58.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.46 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion: 93 Resp: 647152
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 42.01 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampled :

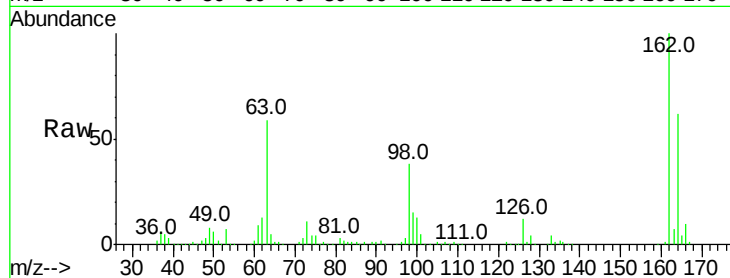
Tot Ion:162 Resp: 402152

Ion Ratio Lower Upper

162 100

164 61.8 44.6 84.6

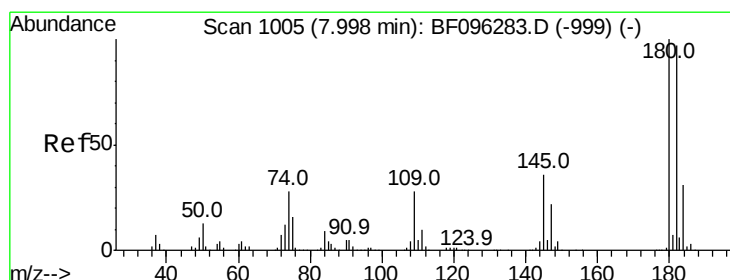
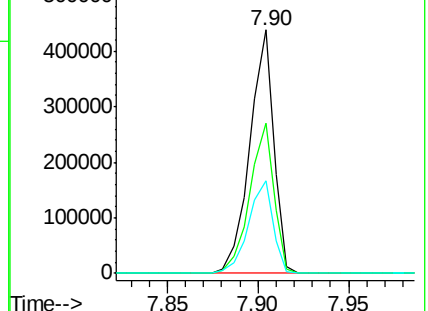
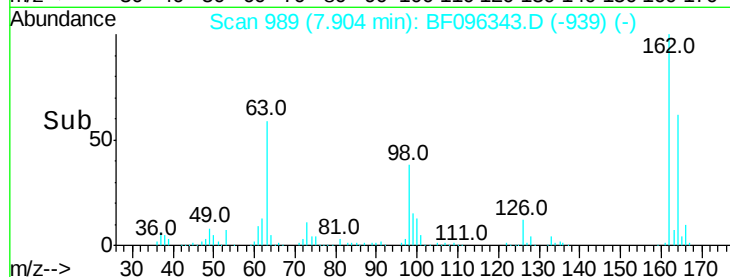
98 37.9 14.8 54.8



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: 39.86 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

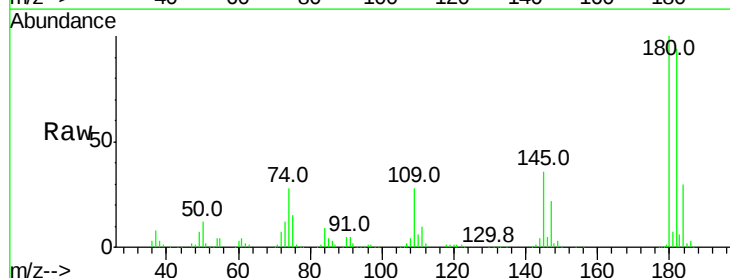
Tgt Ion:180 Resp: 378707

Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

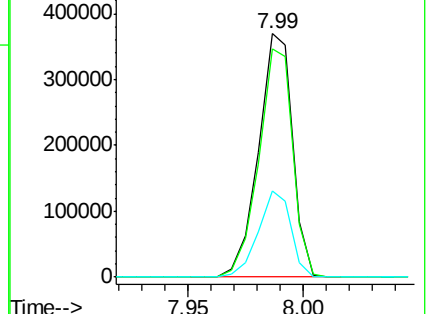
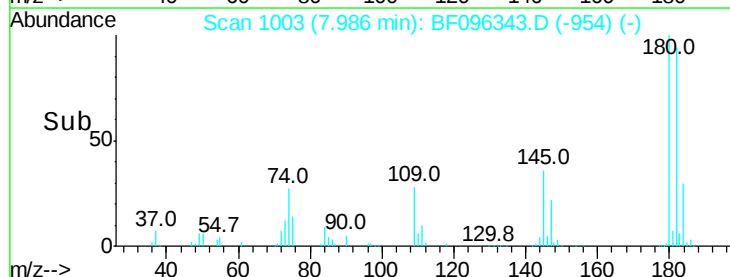
145 35.5 25.3 37.9

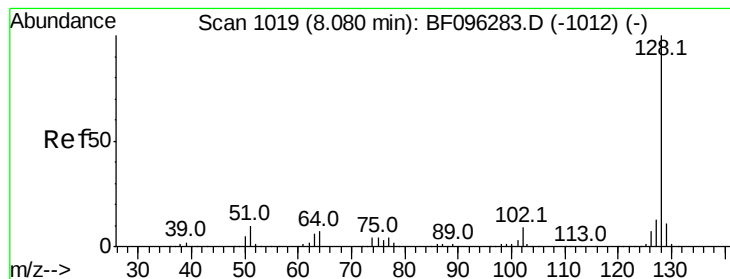


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.37 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

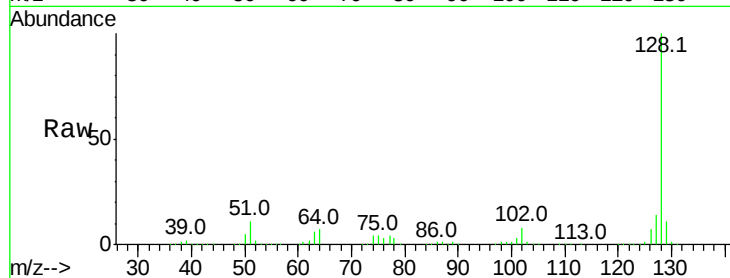
Tot Ion:128 Resp: 1436705

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

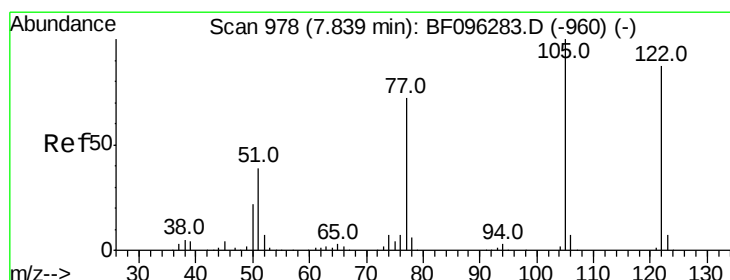
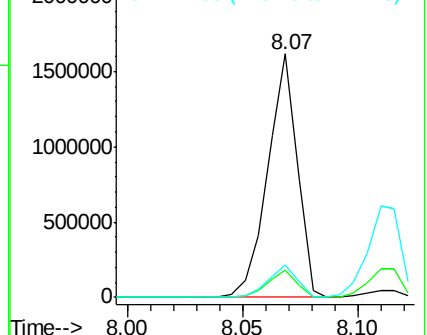
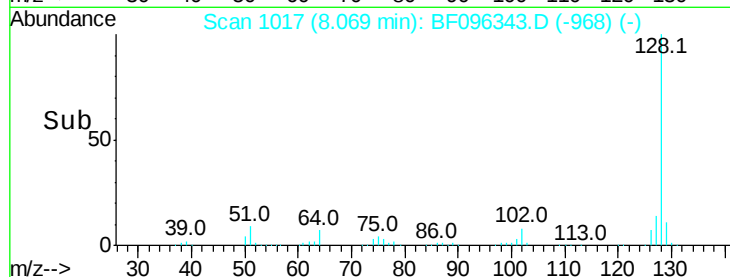
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.38 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.06 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

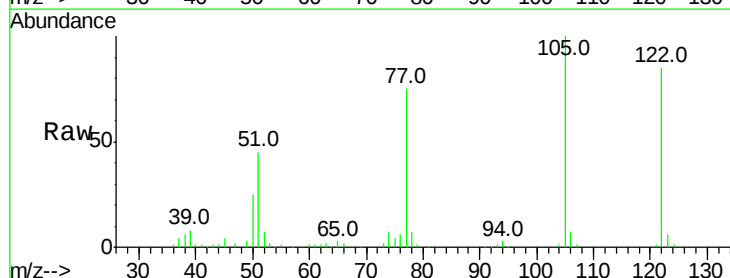
Tgt Ion:122 Resp: 316858

Ion Ratio Lower Upper

122 100

105 117.4 103.3 143.3

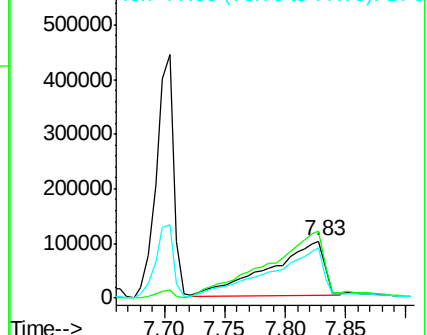
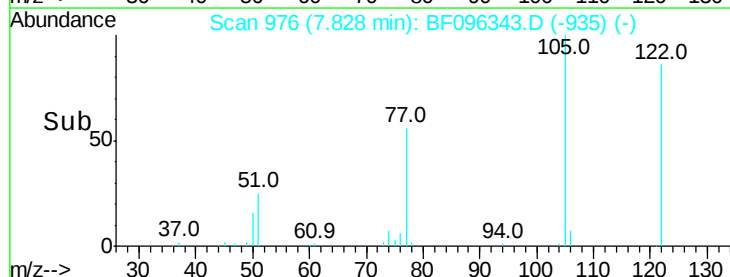
77 87.6 73.7 113.7

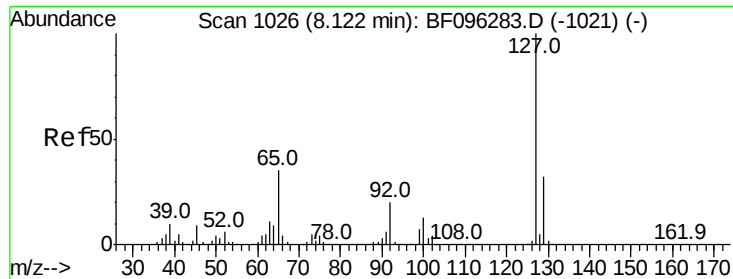


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

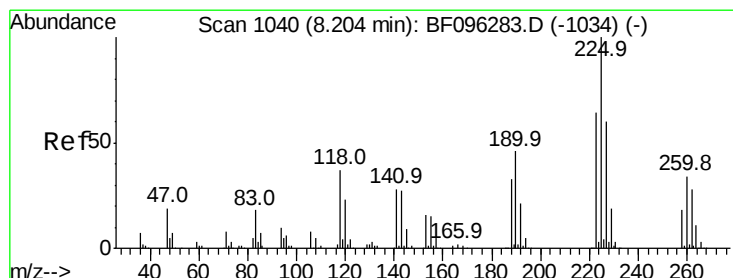
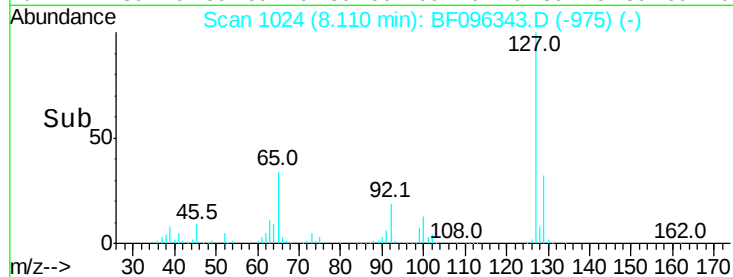
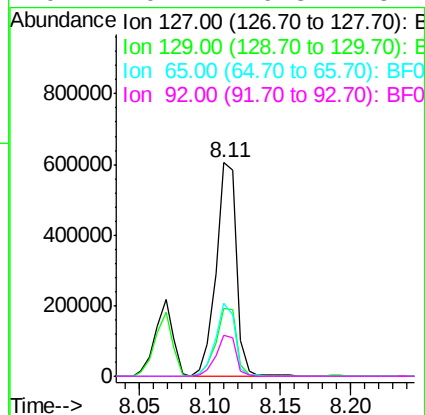
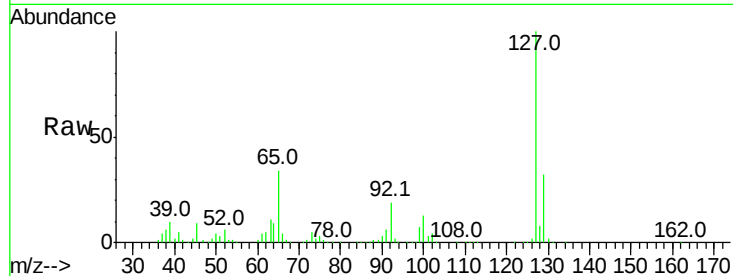




#33
4-Chloroaniline
Concen: 40.38 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

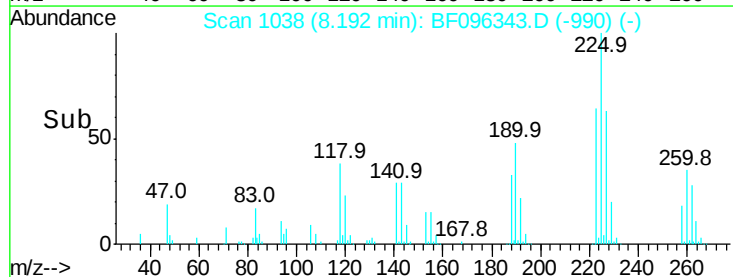
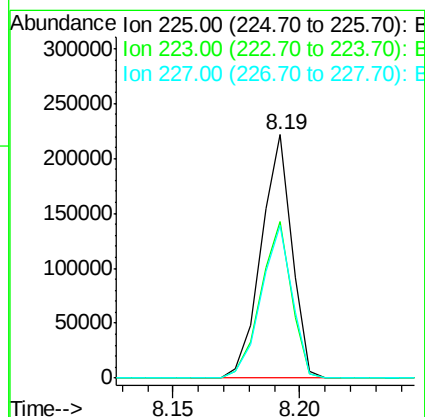
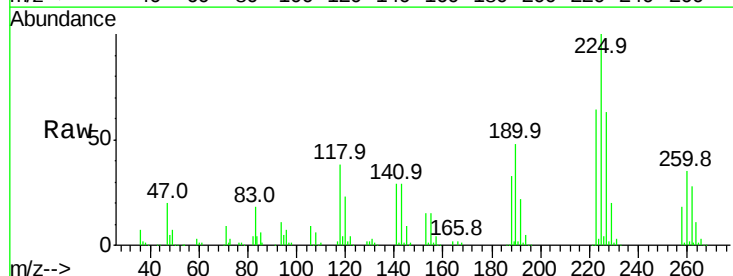
Instrument :
BNA_F
ClientSampled :

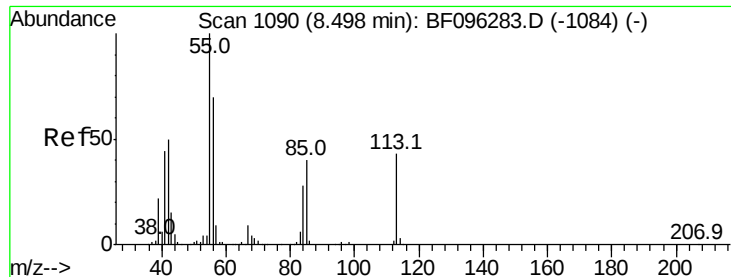
Tot Ion:	127	Resp:	610005
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	34.2	27.8	41.8
92	19.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.87 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:	225	Resp:	187907
Ion	Ratio	Lower	Upper
225	100		
223	64.4	48.8	73.2
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 42.34 ng

RT: 8.49 min Scan# 1088

Delta R.T. 0.05 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampled :

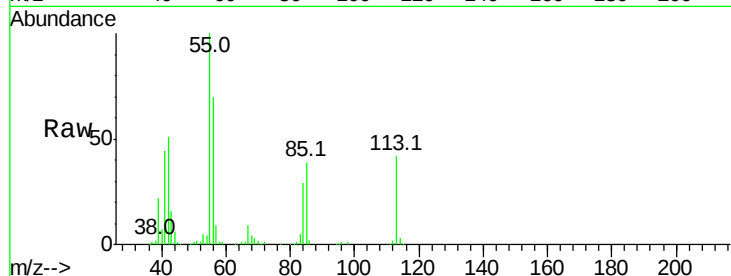
Tot Ion:113 Resp: 140083

Ion Ratio Lower Upper

113 100

55 239.6 150.2 190.2#

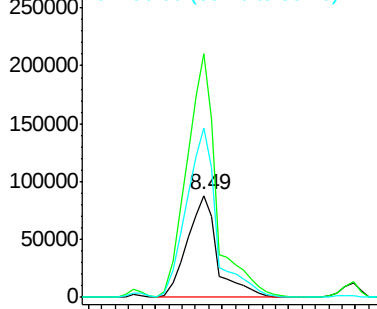
56 166.8 107.8 147.8#



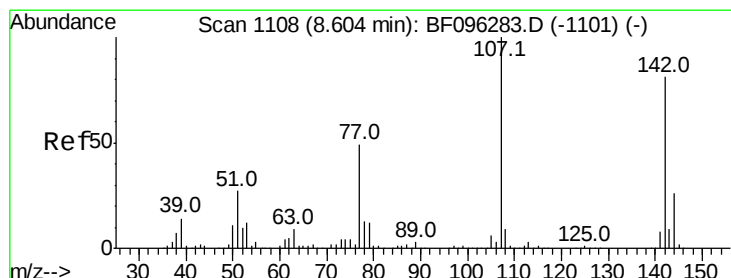
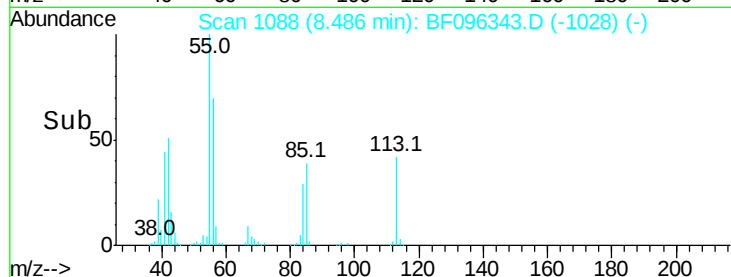
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time--> 8.40 8.45 8.50 8.55 8.60



#36

4-Chloro-3-methylphenol

Concen: 40.44 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

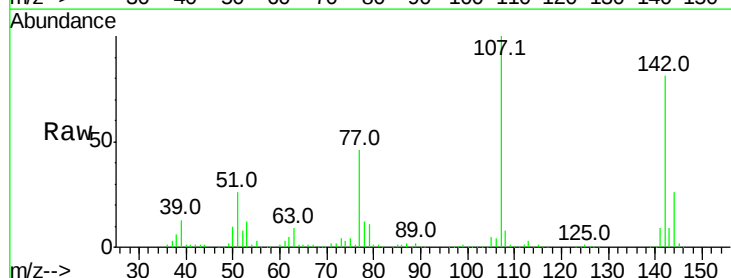
Tgt Ion:107 Resp: 421264

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

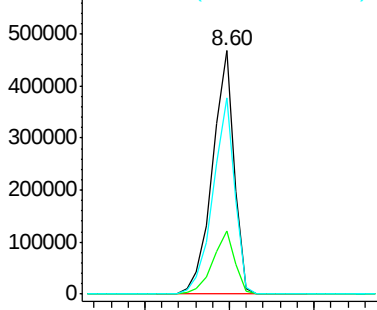
142 80.6 73.4 110.0



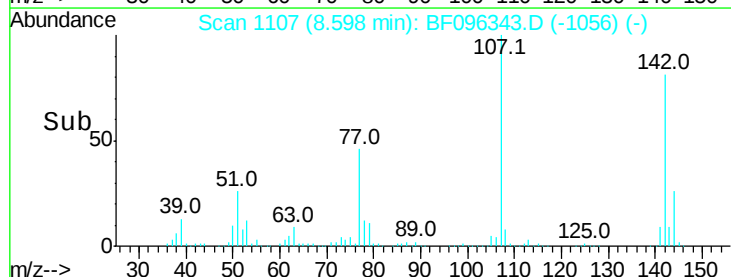
Abundance Ion 107.00 (106.70 to 107.70): E

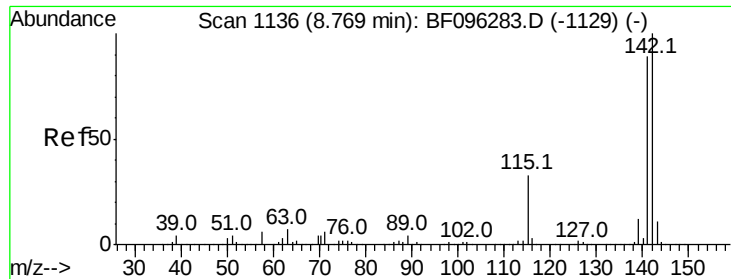
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time--> 8.55 8.60 8.65

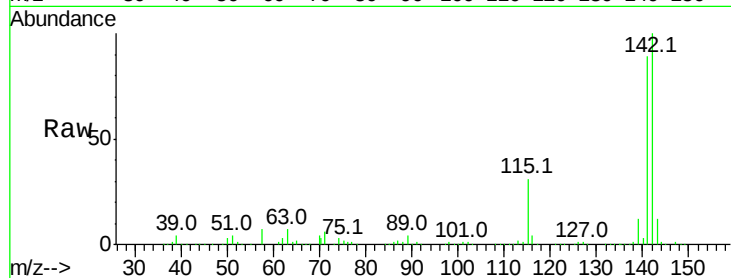




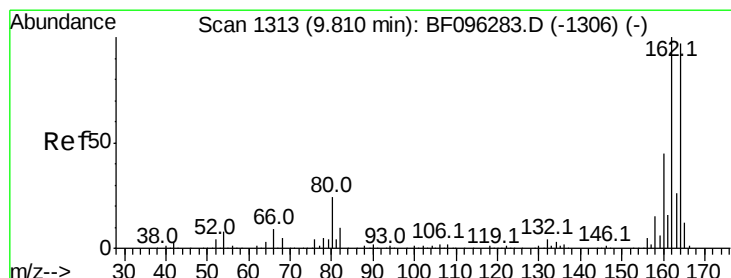
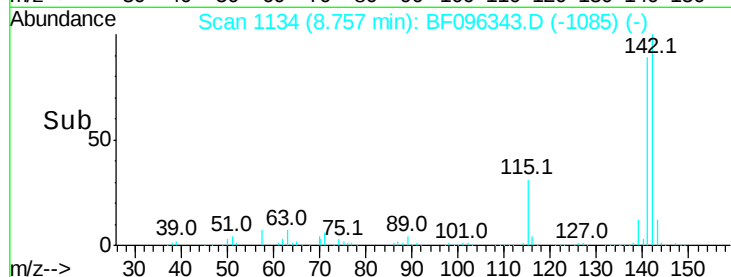
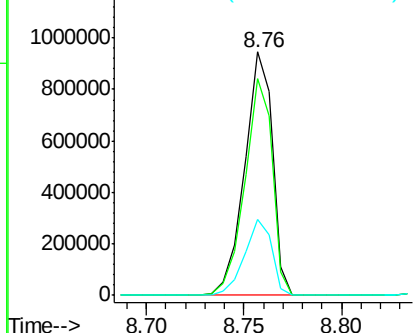
#37
 2-Methylnaphthalene
 Concen: 39.30 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 931613
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.3 106.9
 115 31.3 27.1 40.7

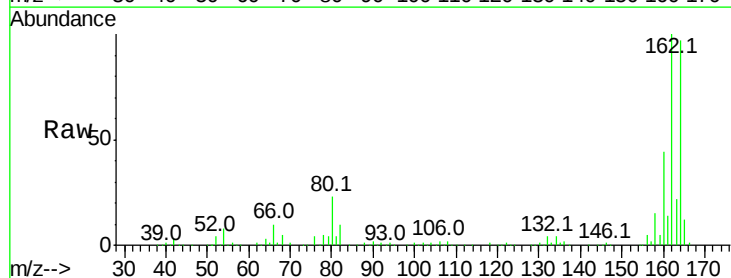


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

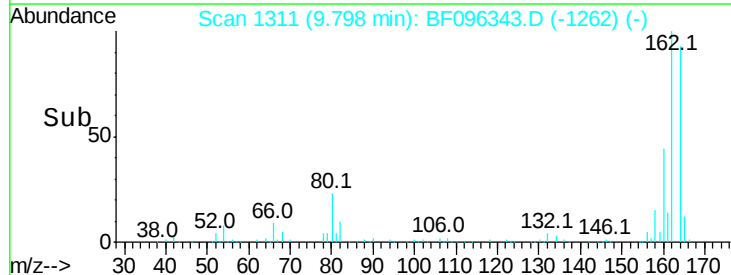
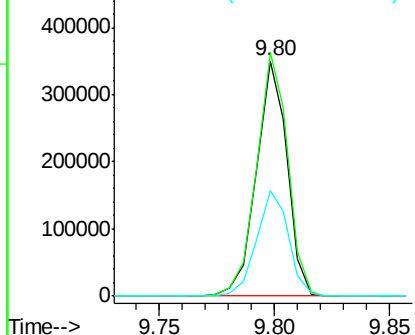


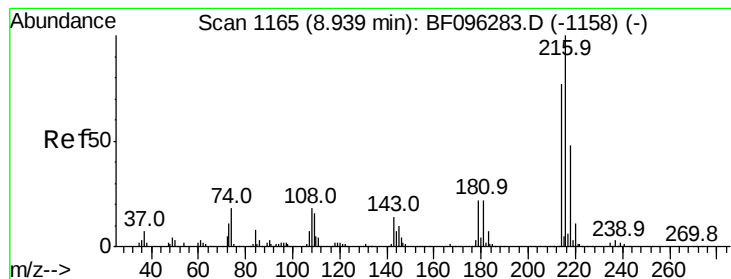
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion:164 Resp: 324187
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 45.0 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: 40.63 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 318871

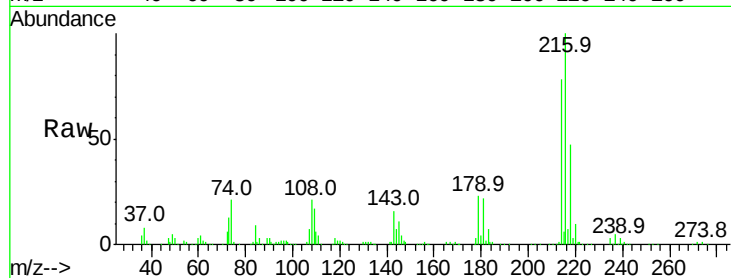
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 22.8 17.9 26.9

108 22.0 16.5 24.7

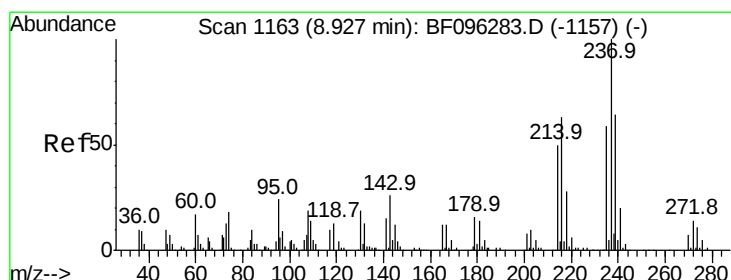
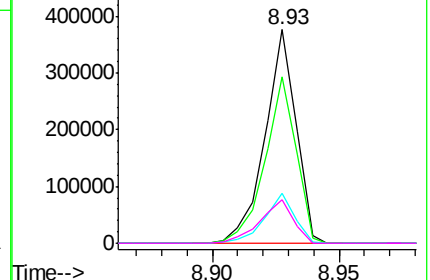
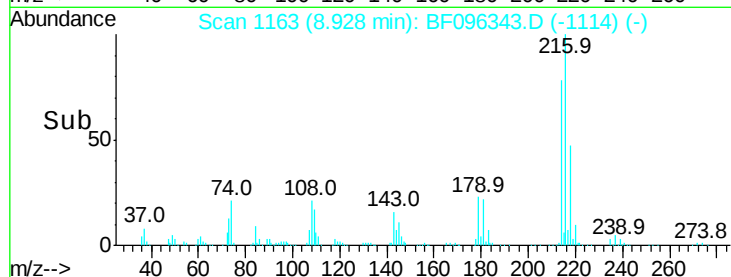


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 46.19 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

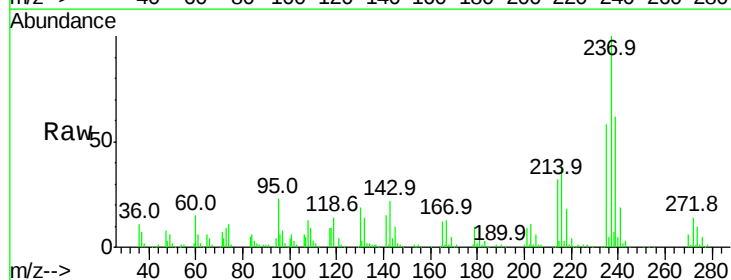
Tgt Ion:237 Resp: 162486

Ion Ratio Lower Upper

237 100

235 58.3 42.6 82.6

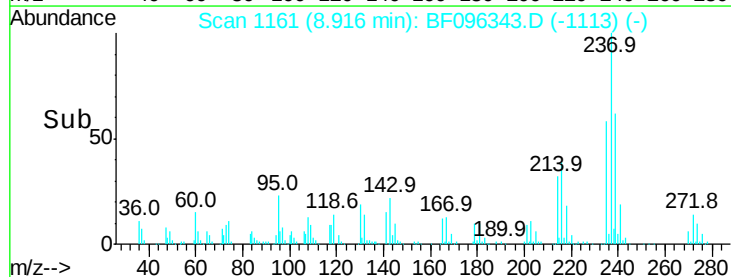
272 13.9 0.0 31.9



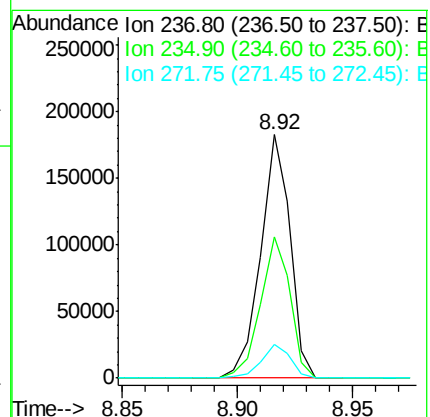
Abundance Ion 236.80 (236.50 to 237.50): E

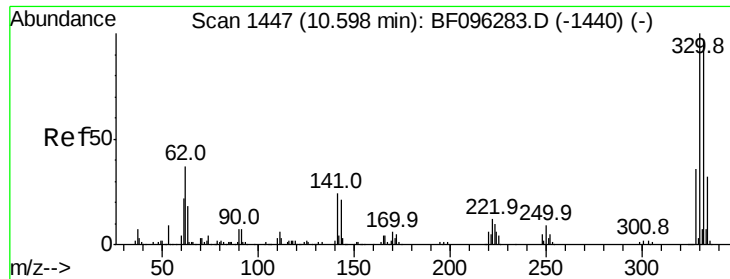
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

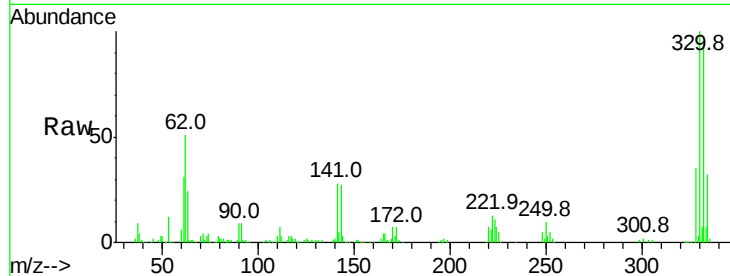




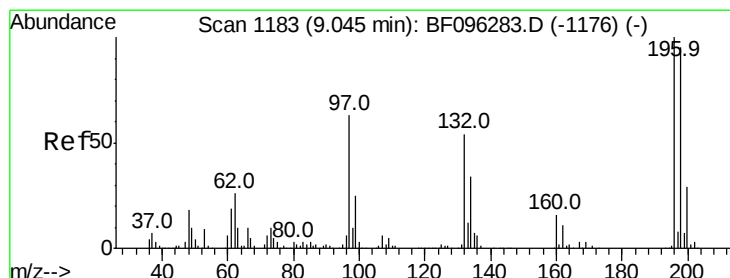
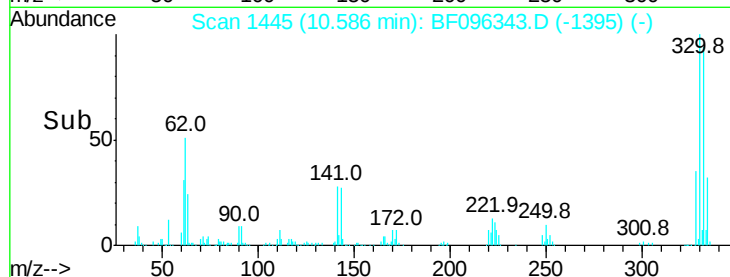
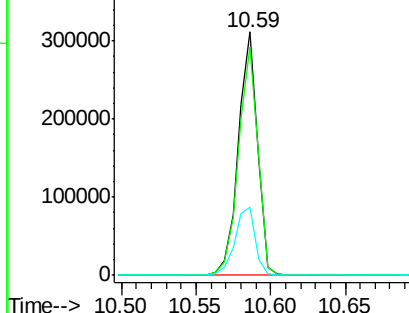
#41
 2,4,6-Tribromophenol
 Concen: 109.47 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	30.0	31.4	47.2#

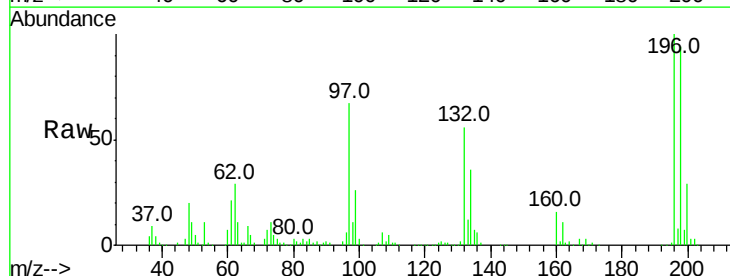


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

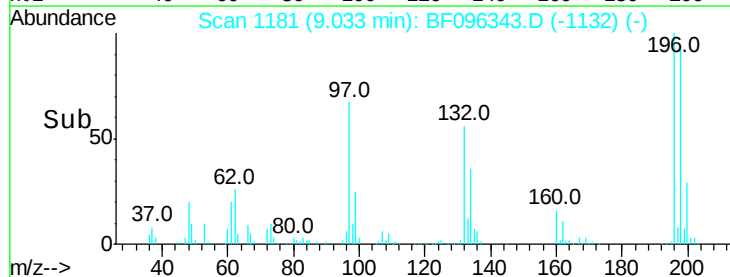
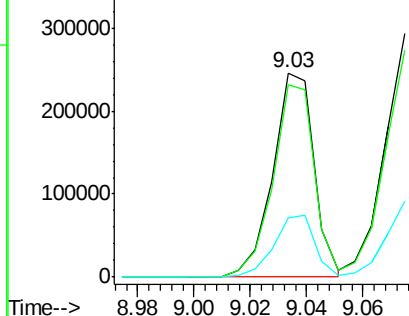


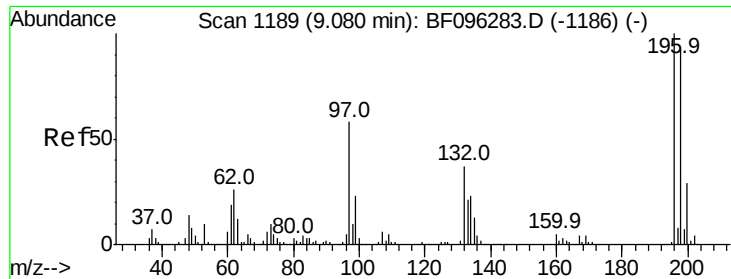
#42
 2,4,6-Trichlorophenol
 Concen: 42.14 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.4
200	29.3	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

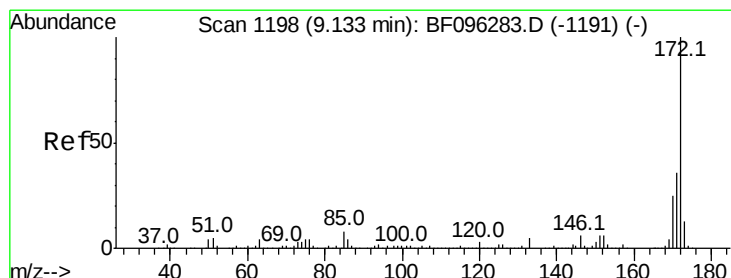
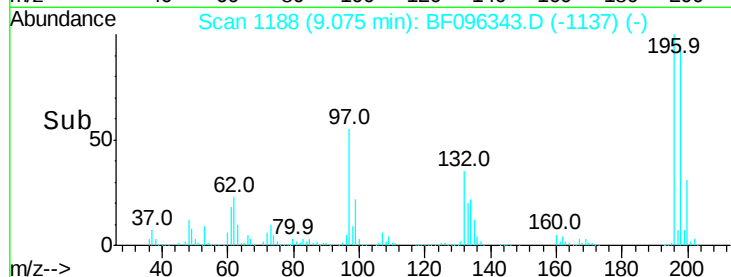
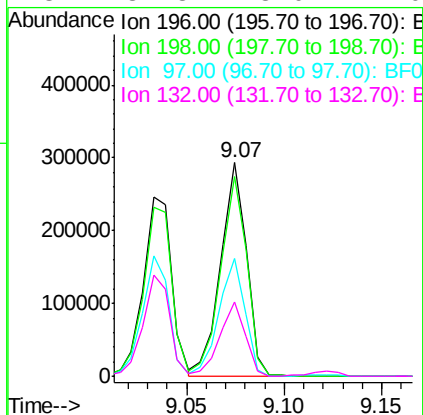
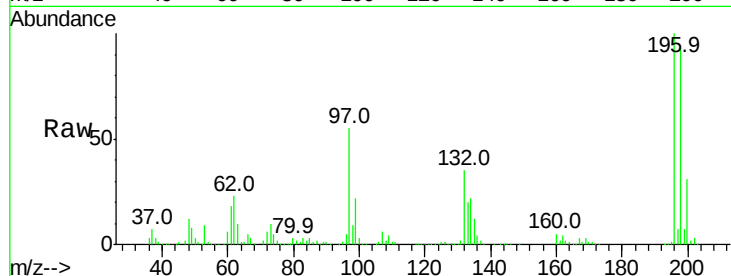




#43
 2,4,5-Trichlorophenol
 Concen: 43.39 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

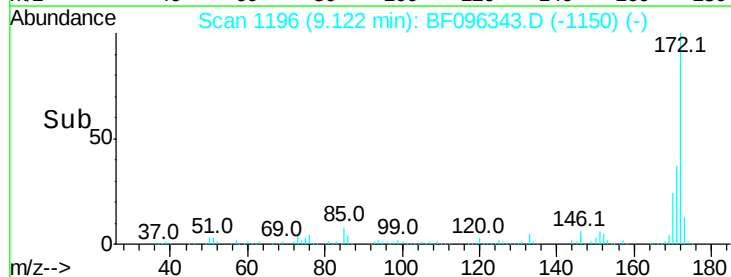
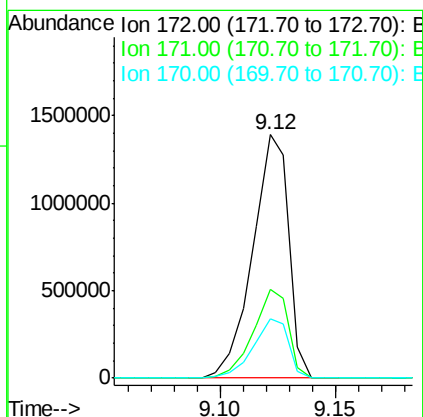
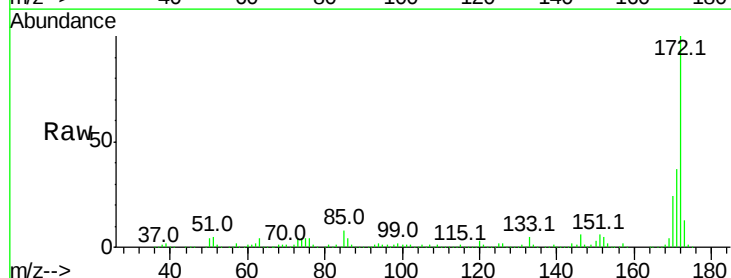
Instrument :
 BNA_F
 ClientSampleId :

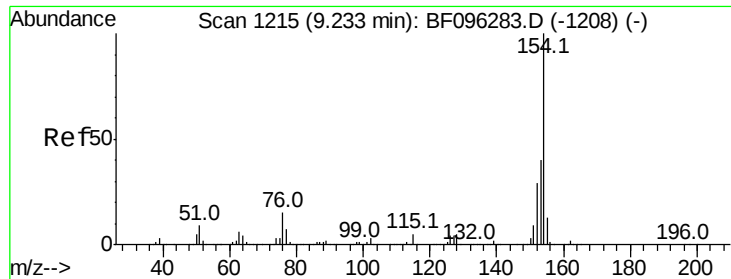
Tot Ion:	196	Resp:	270567
Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
97	55.2	47.7	71.5
132	34.8	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 85.39 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.03 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion:	172	Resp:	1511609
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.91 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

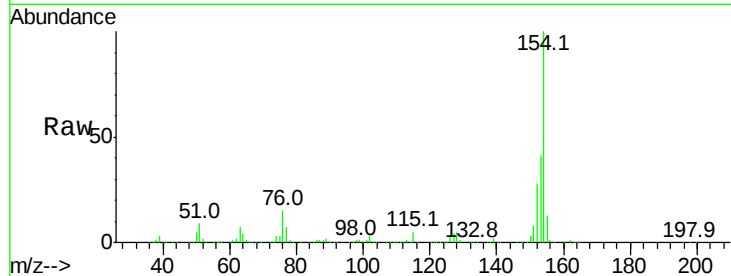
Tot Ion:154 Resp: 1017471

Ion Ratio Lower Upper

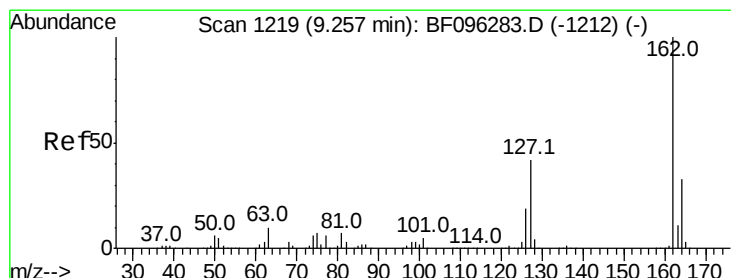
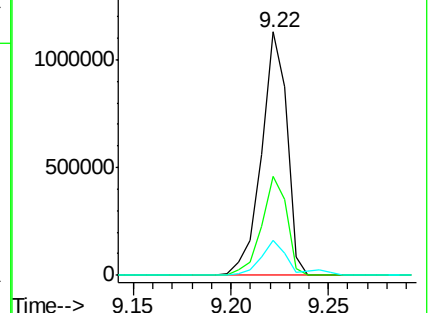
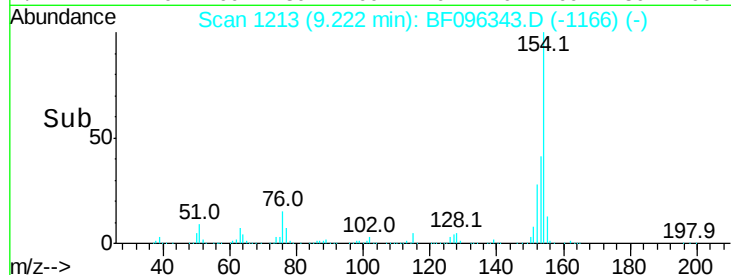
154 100

153 40.5 21.2 61.2

76 14.5 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: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

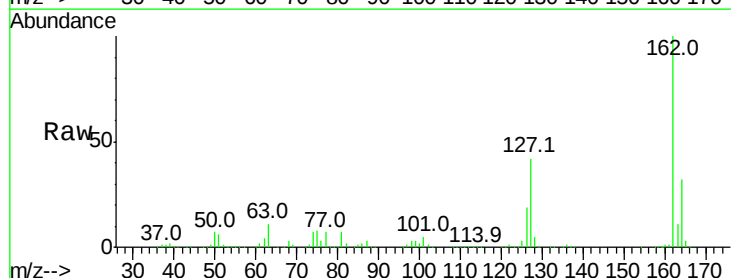
Tgt Ion:162 Resp: 810285

Ion Ratio Lower Upper

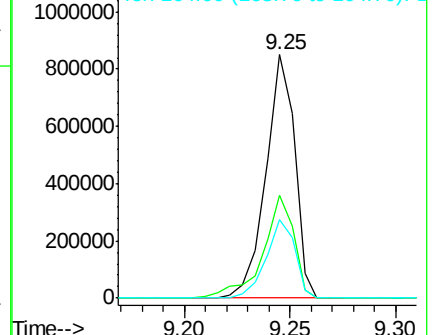
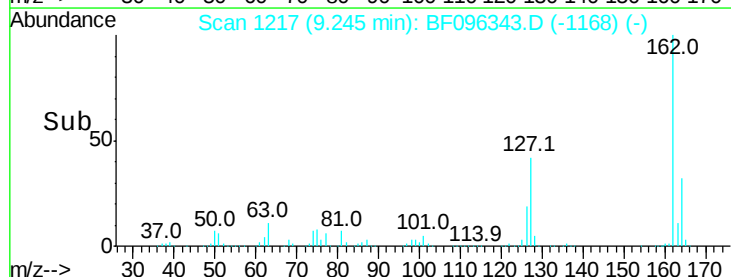
162 100

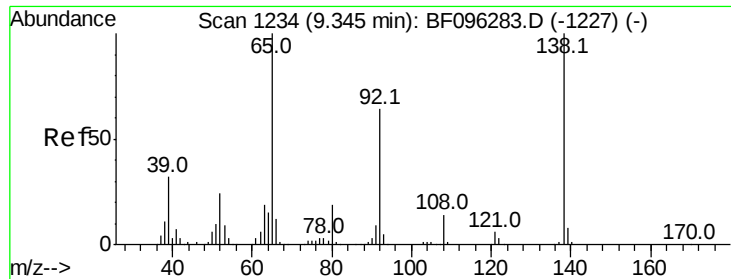
127 42.4 28.3 42.5

164 32.0 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

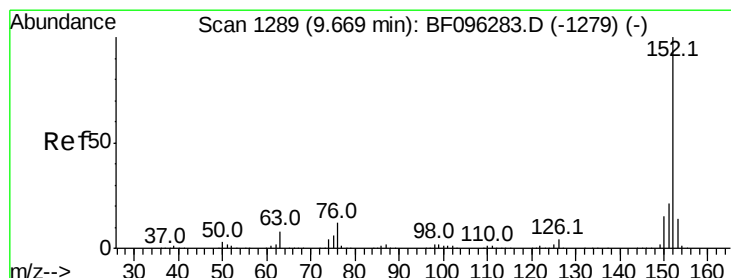
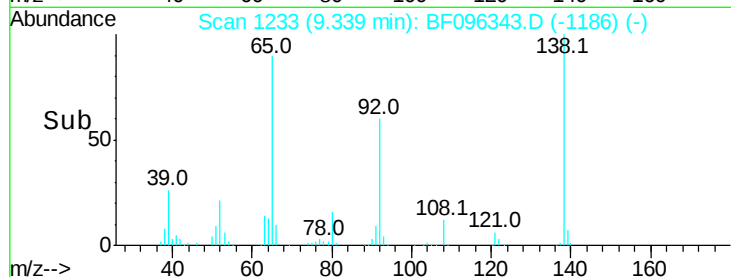
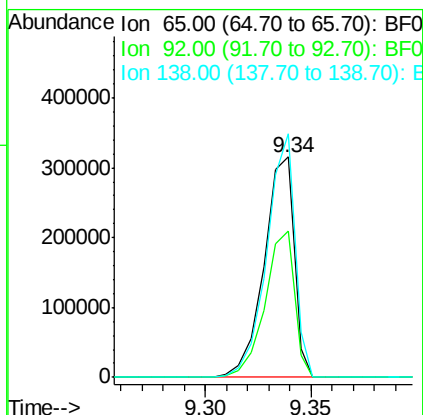
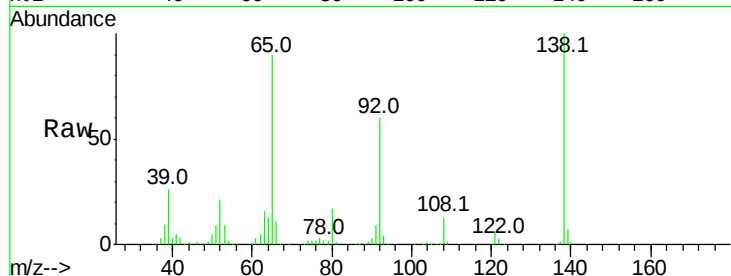




#47
2-Nitroaniline
Concen: 48.18 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

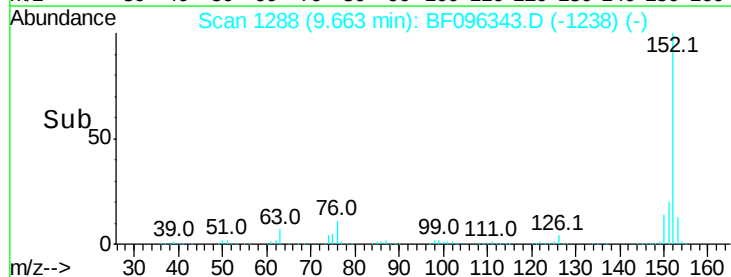
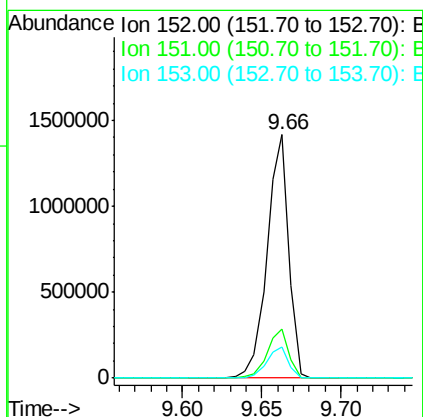
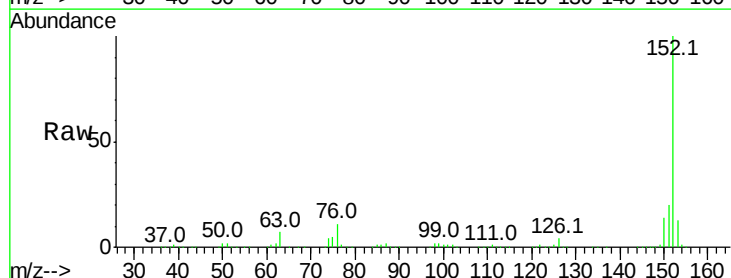
Instrument :
BNA_F
ClientSampled :

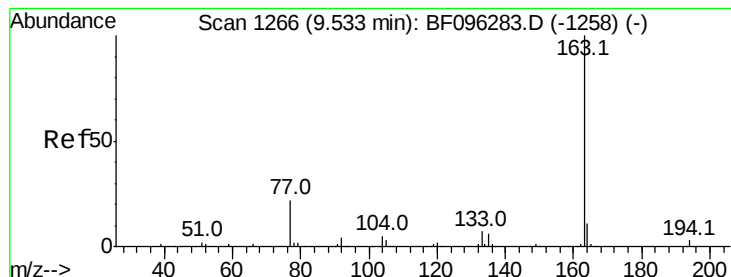
Tot Ion: 65 Resp: 313971
Ion Ratio Lower Upper
65 100
92 66.6 53.9 80.9
138 110.7 78.8 118.2



#48
Acenaphthylene
Concen: 39.48 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion: 152 Resp: 1351588
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.9 10.8 16.2

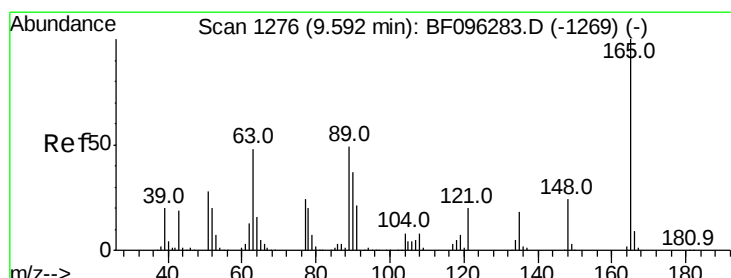
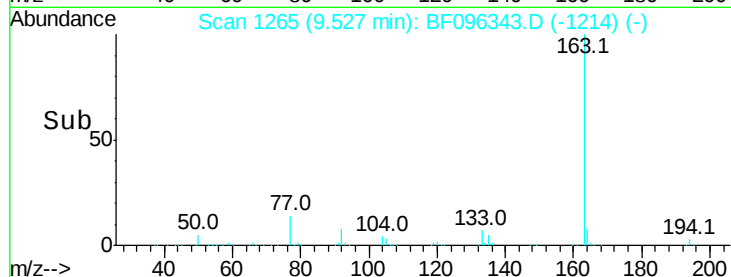
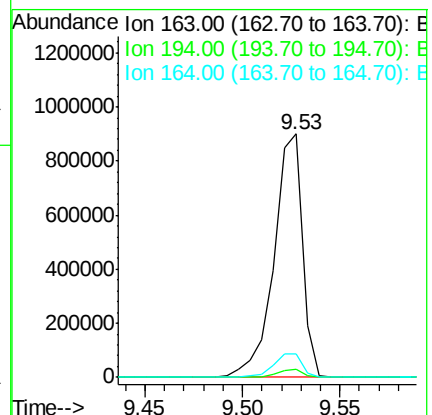
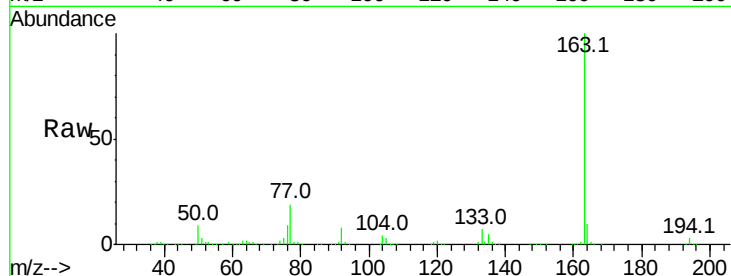




#49
Dimethylphthalate
Concen: 39.26 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

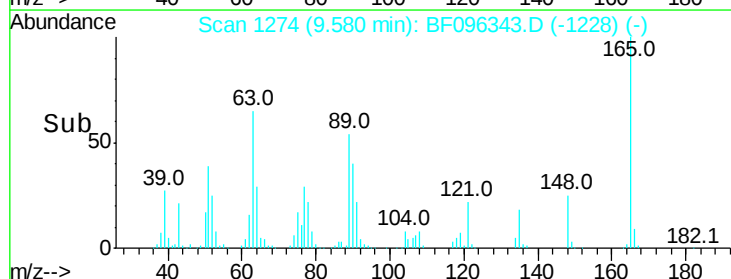
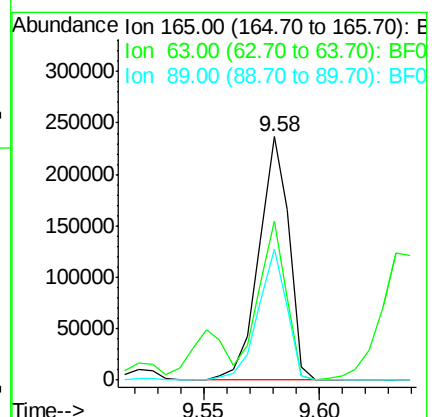
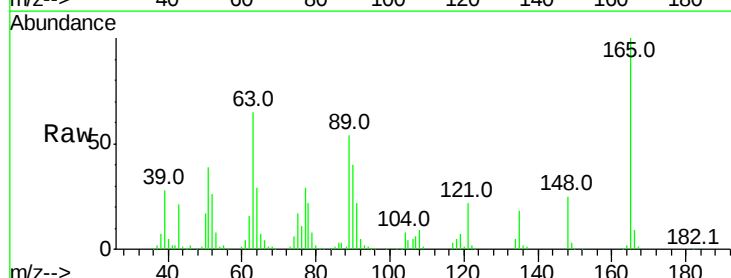
Instrument :
BNA_F
ClientSampleId :

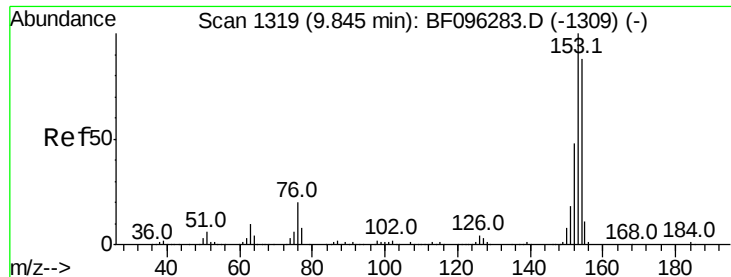
Tot Ion:163 Resp: 910794
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.54 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:165 Resp: 214952
Ion Ratio Lower Upper
165 100
63 65.4 34.3 51.5#
89 54.0 37.1 55.7





#51

Acenaphthene

Concen: 40.62 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

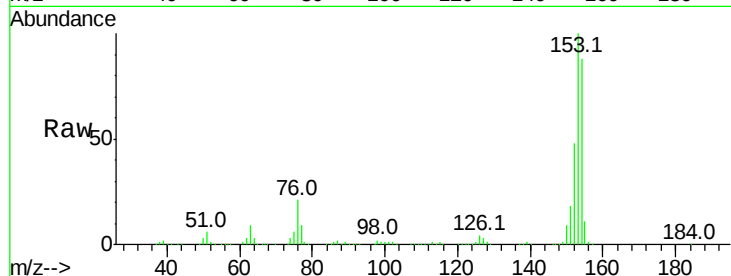
Tot Ion:154 Resp: 818517

Ion Ratio Lower Upper

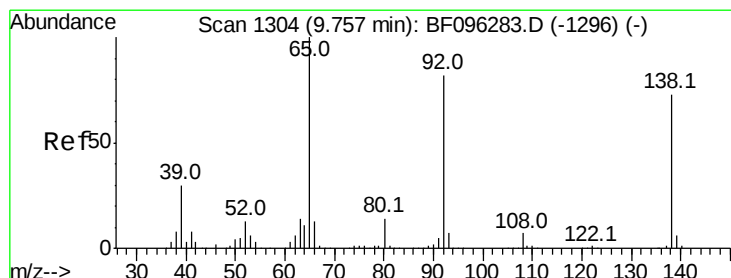
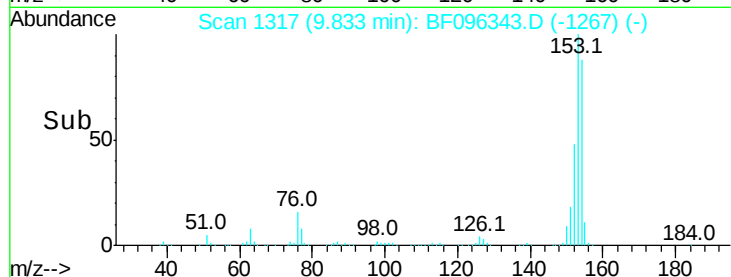
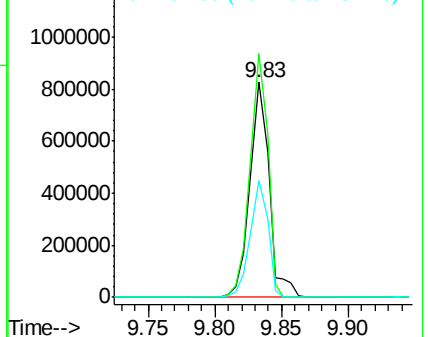
154 100

153 113.3 90.5 135.7

152 54.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.47 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

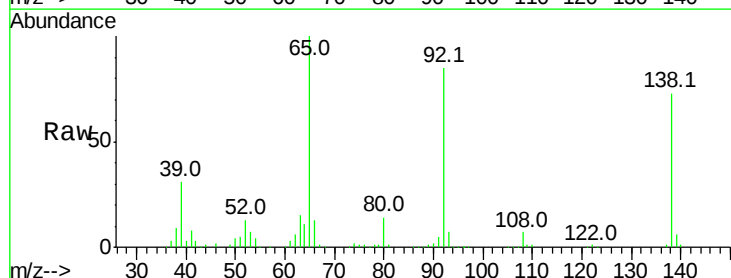
Tgt Ion:138 Resp: 274848

Ion Ratio Lower Upper

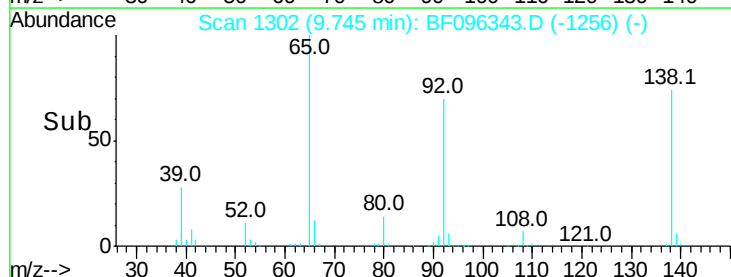
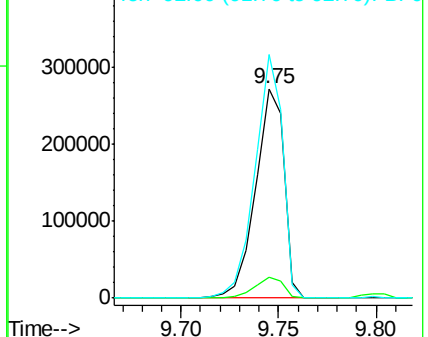
138 100

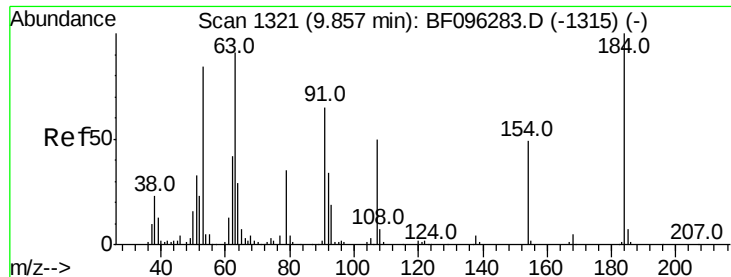
108 10.0 9.1 13.7

92 116.3 93.8 140.6



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

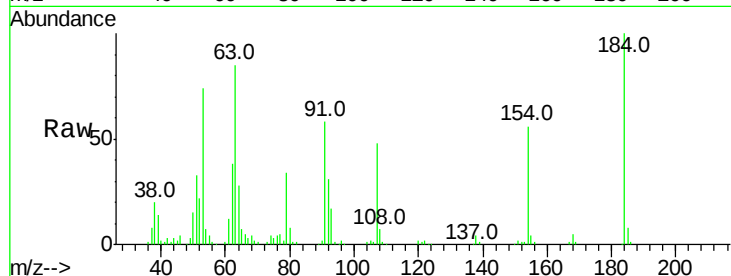




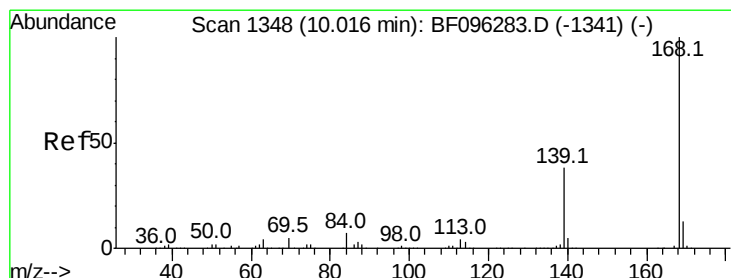
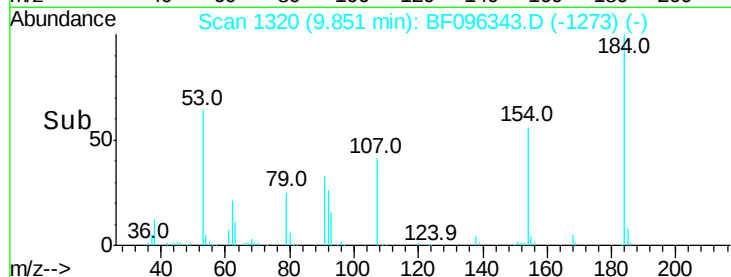
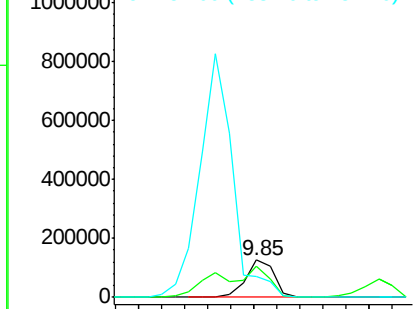
#53
2,4-Dinitrophenol
Concen: 59.93 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 109824
Ion Ratio Lower Upper
184 100
63 84.6 62.7 94.1
154 56.0 81.1 121.7#

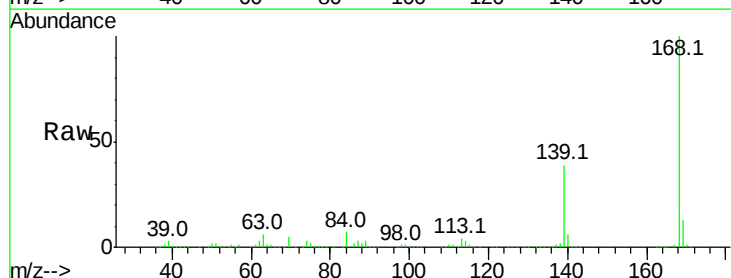


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

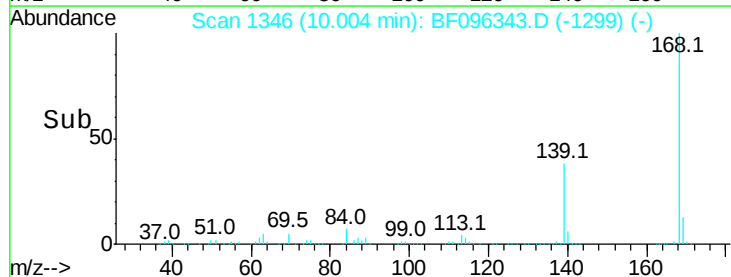
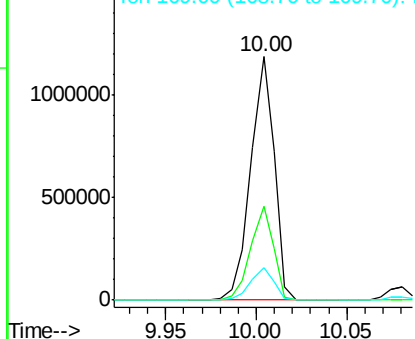


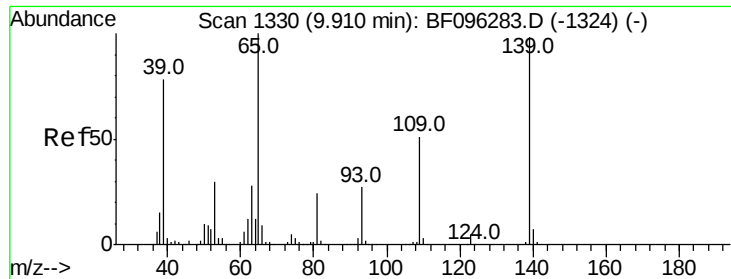
#54
Dibenzofuran
Concen: 40.54 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:168 Resp: 1066562
Ion Ratio Lower Upper
168 100
139 38.6 30.6 45.8
169 13.3 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

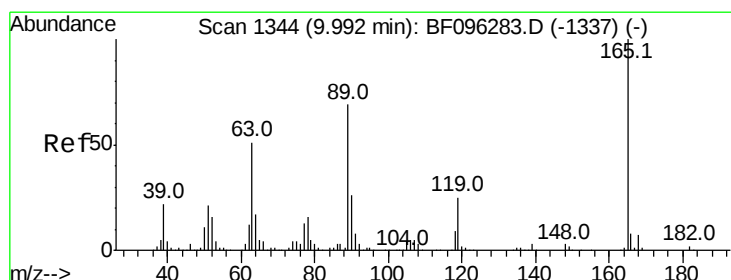
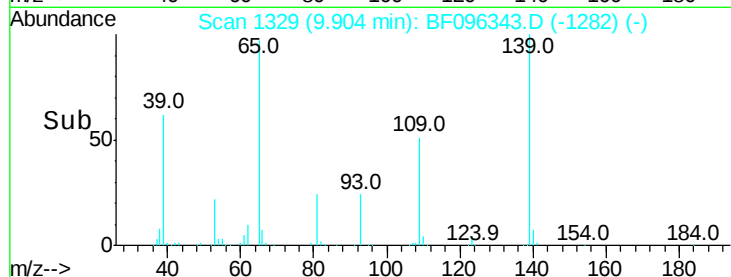
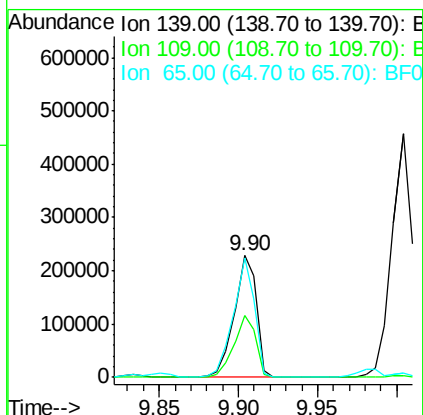
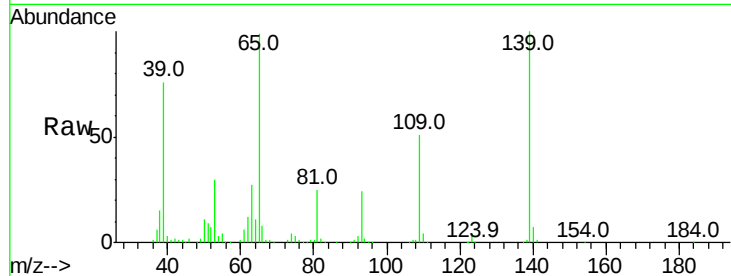




#55
4-Nitrophenol
Concen: 44.31 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

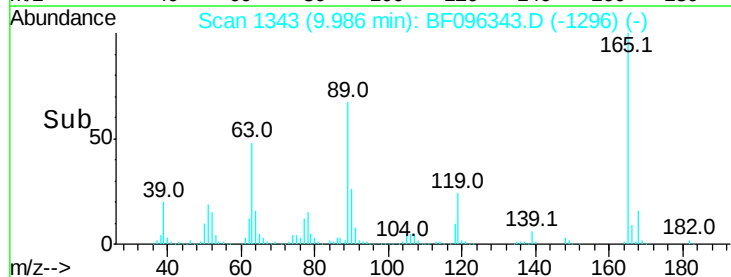
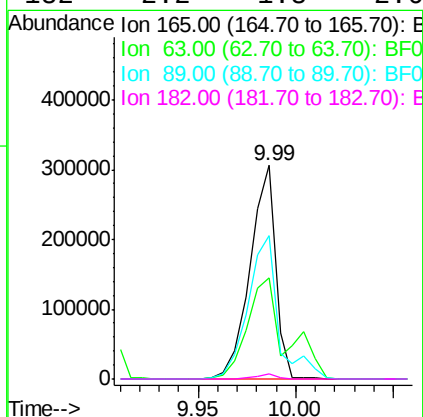
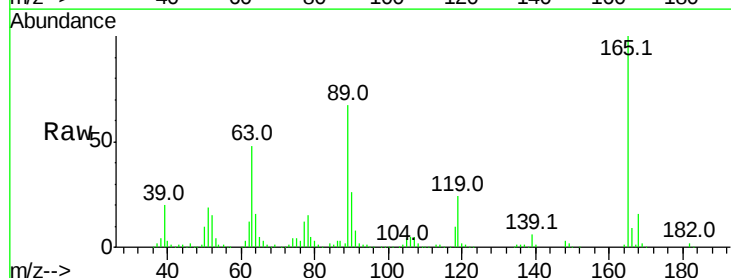
Instrument :
BNA_F
ClientSampleId :

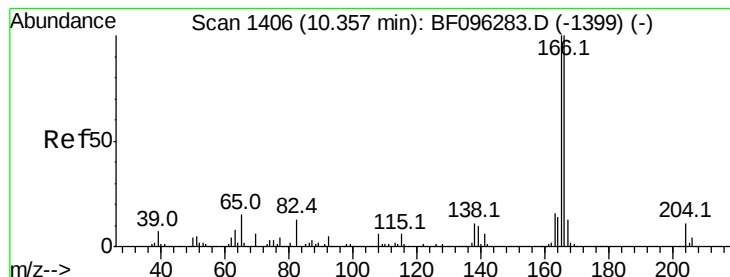
Tot Ion:139 Resp: 221410
Ion Ratio Lower Upper
139 100
109 50.6 34.1 74.1
65 98.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 45.75 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:165 Resp: 278259
Ion Ratio Lower Upper
165 100
63 47.6 25.4 38.0#
89 67.1 46.4 69.6
182 2.2 1.8 2.6





#57

Fluorene

Concen: 44.01 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

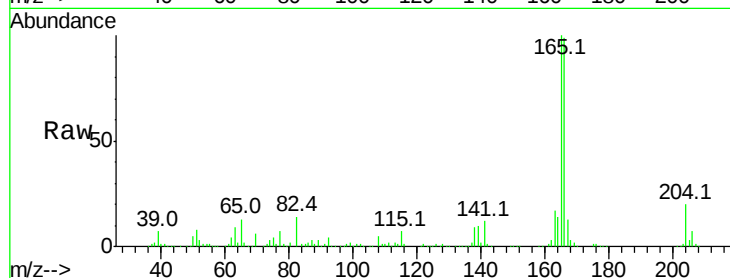
Tot Ion:166 Resp: 781516

Ion Ratio Lower Upper

166 100

165 101.0 78.8 118.2

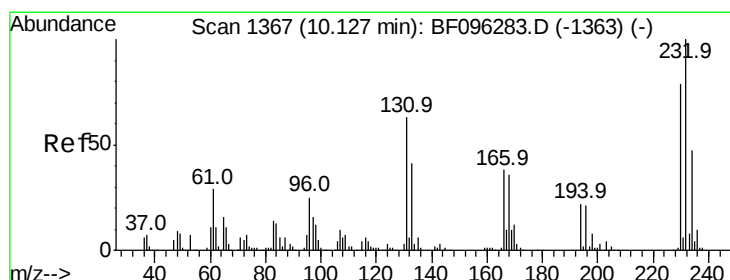
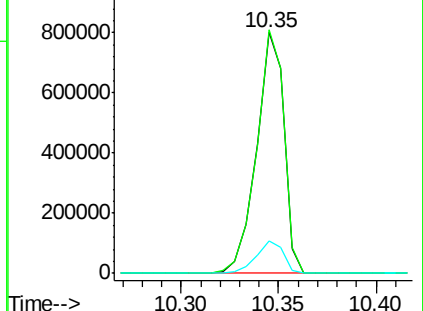
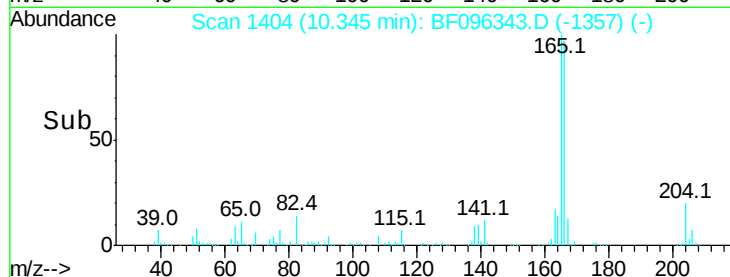
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.52 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Tgt Ion:232 Resp: 185215

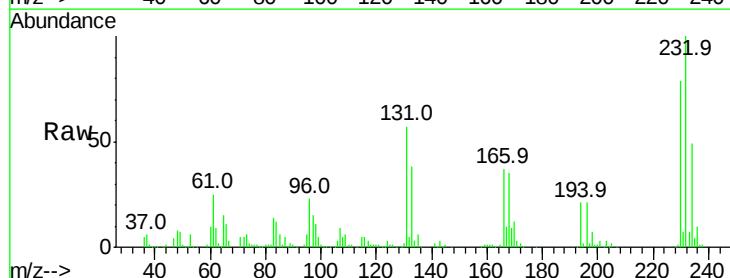
Ion Ratio Lower Upper

232 100

131 55.2 44.8 67.2

130 2.3 2.3 3.5#

166 36.1 29.0 43.4

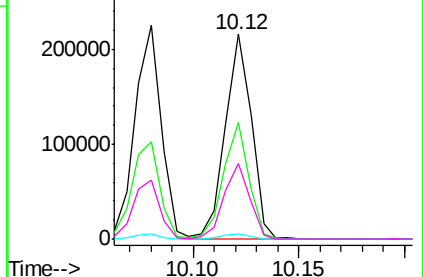
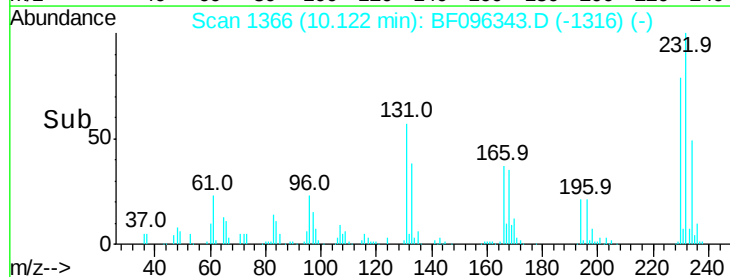


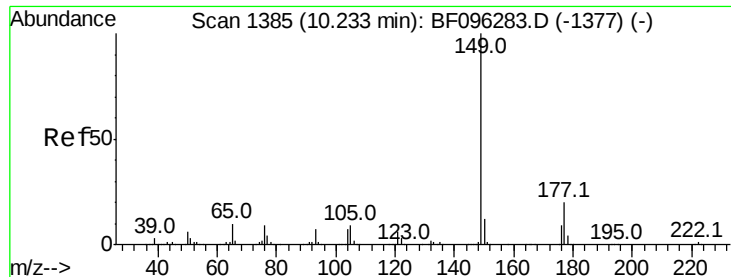
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

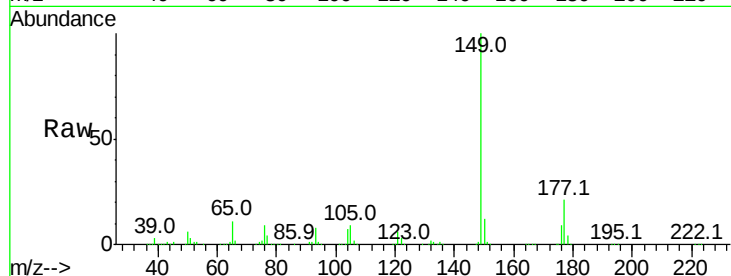




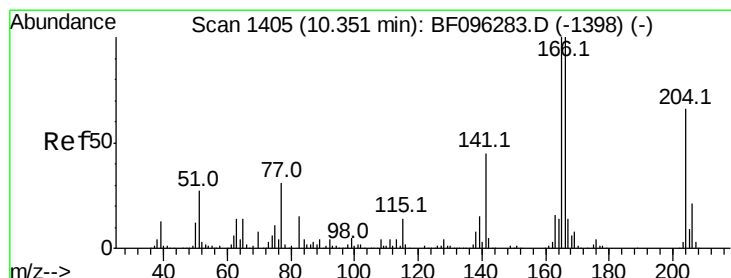
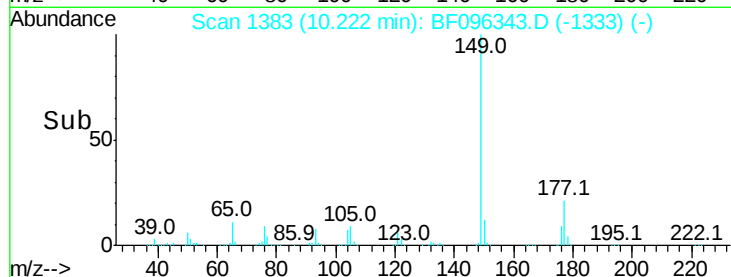
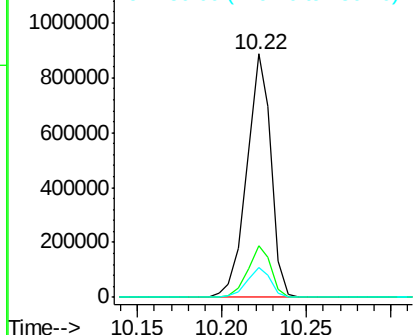
#59
Diethylphthalate
Concen: 37.92 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 883344
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.4 10.2 15.2

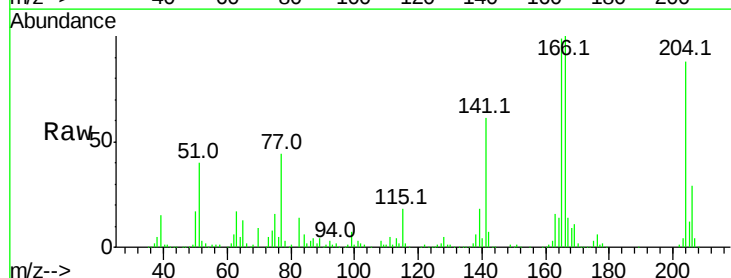


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

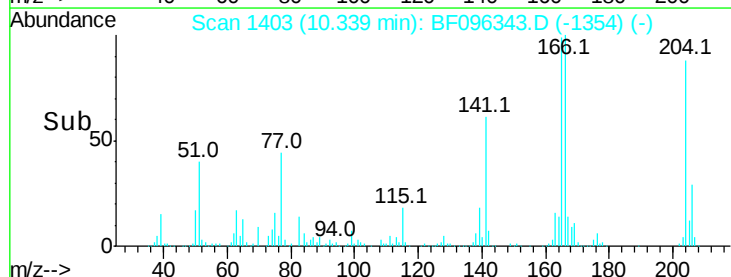
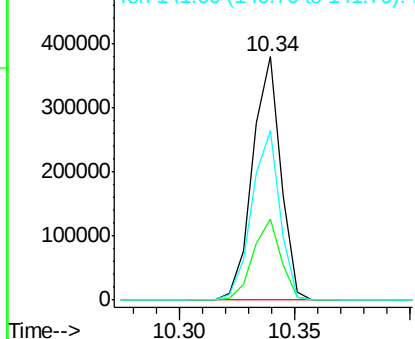


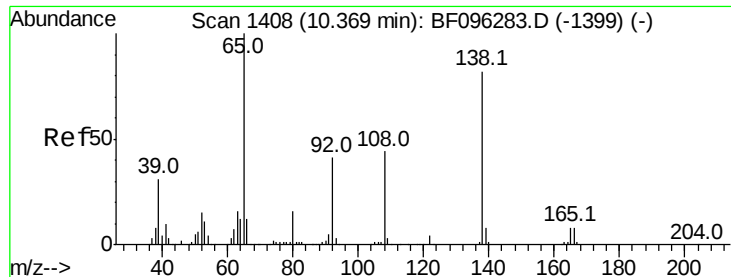
#60
4-Chlorophenyl-phenylether
Concen: 42.83 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:204 Resp: 323694
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 69.7 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

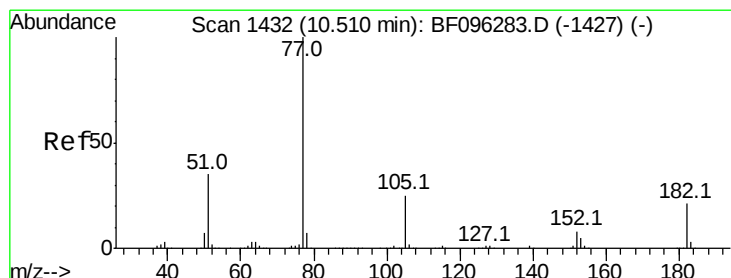
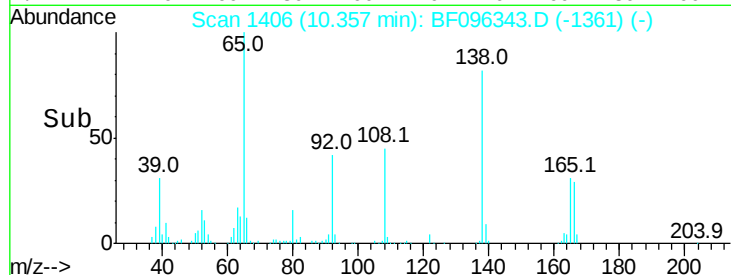
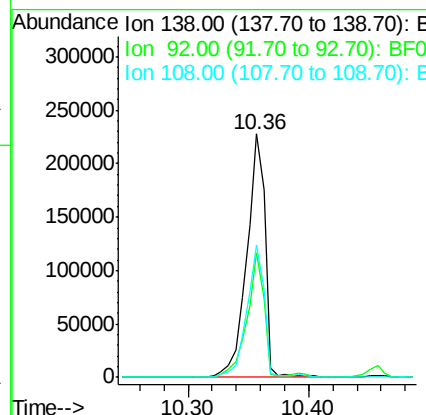
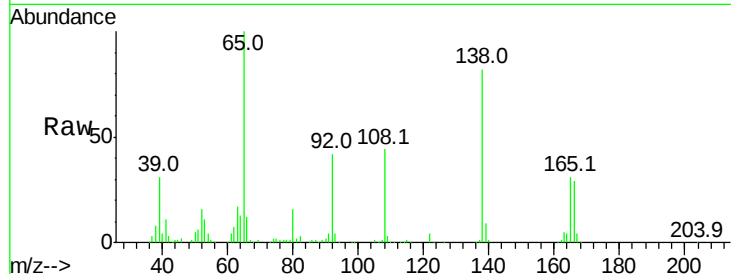




#61
4-Nitroaniline
Concen: 45.14 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.04 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

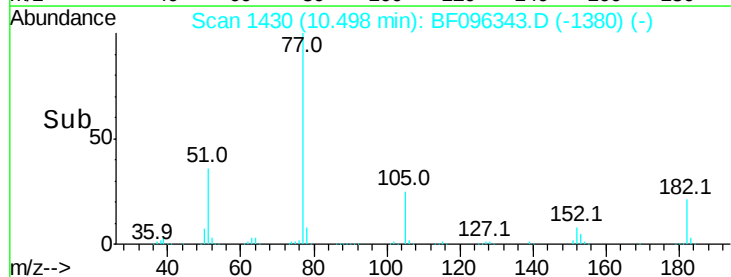
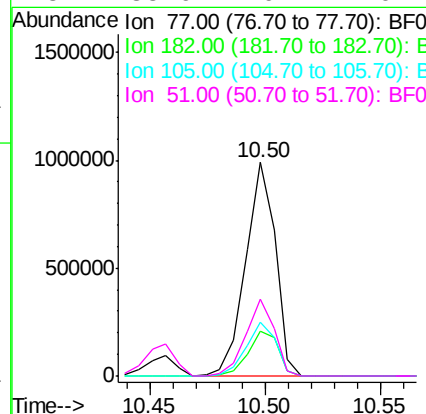
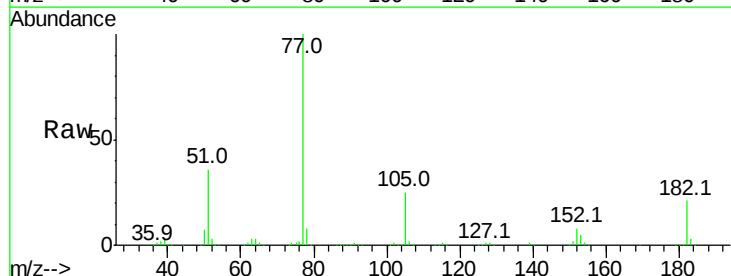
Instrument :
BNA_F
ClientSampleId :

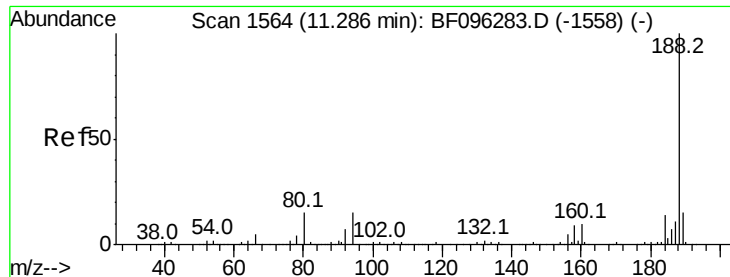
Tot Ion:138 Resp: 242702
Ion Ratio Lower Upper
138 100
92 51.1 21.8 61.8
108 54.2 42.3 82.3



#62
Azobenzene
Concen: 38.12 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion: 77 Resp: 895602
Ion Ratio Lower Upper
77 100
182 20.8 0.1 40.1
105 25.3 3.6 43.6
51 35.9 9.4 49.4

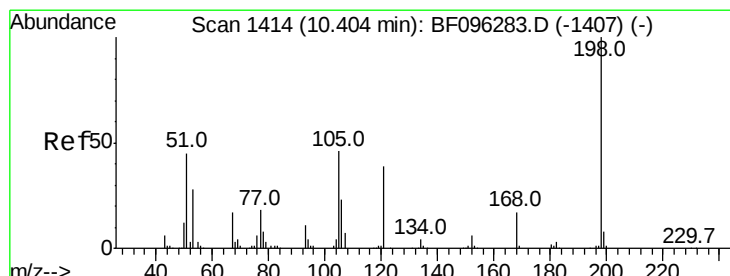
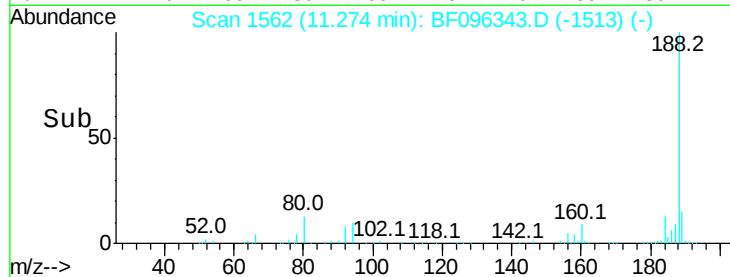
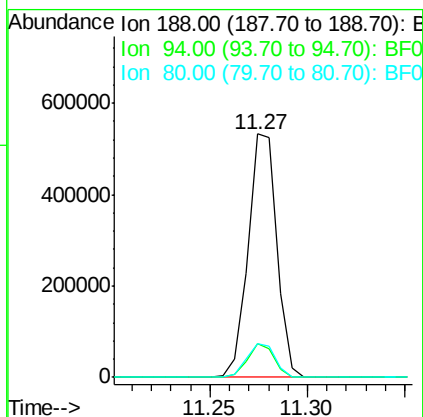
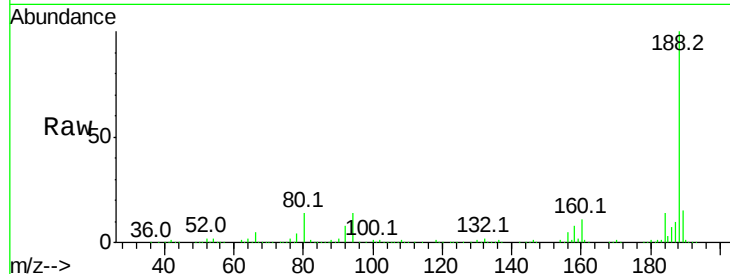




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

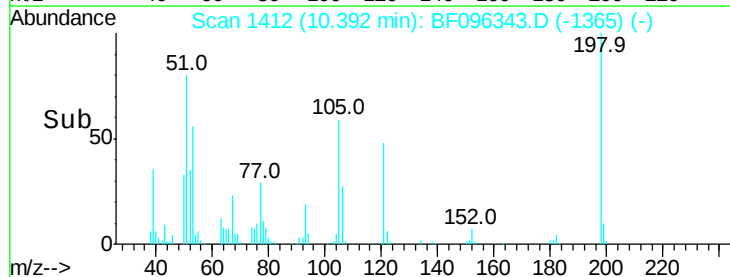
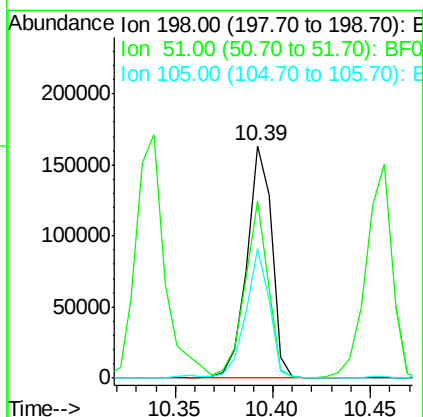
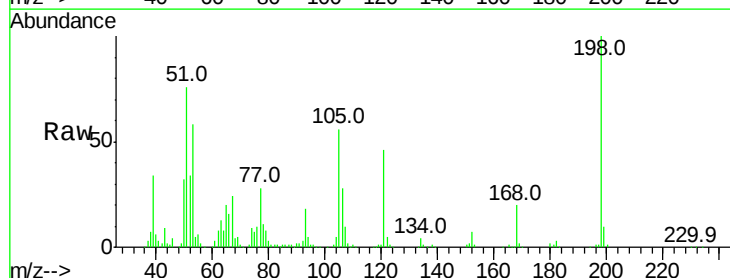
Instrument :
BNA_F
ClientSampleId :

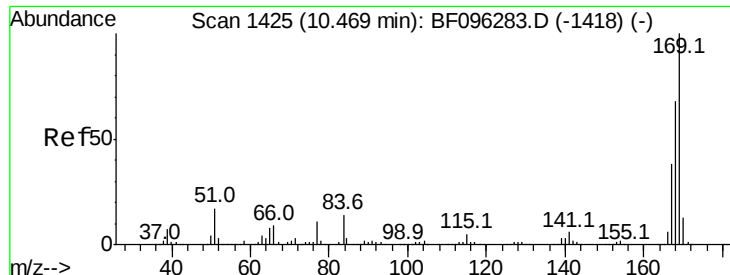
Tot Ion:188 Resp: 542709
Ion Ratio Lower Upper
188 100
94 13.7 9.4 14.2
80 13.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 50.37 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:198 Resp: 144975
Ion Ratio Lower Upper
198 100
51 75.9 53.2 93.2
105 55.6 45.8 85.8

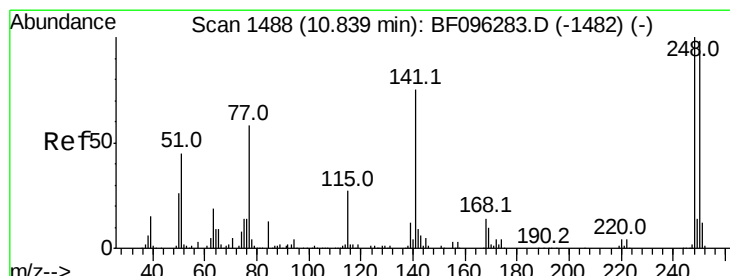
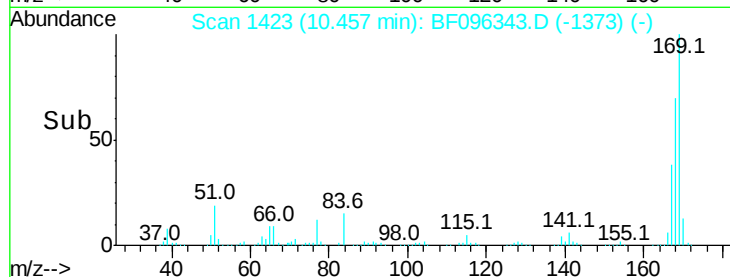
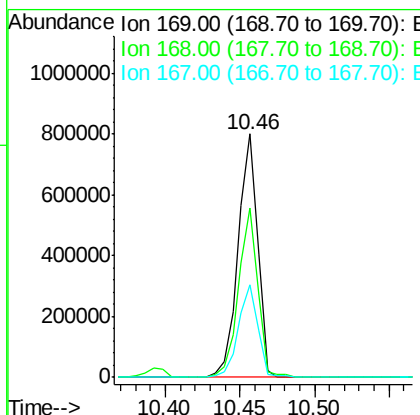
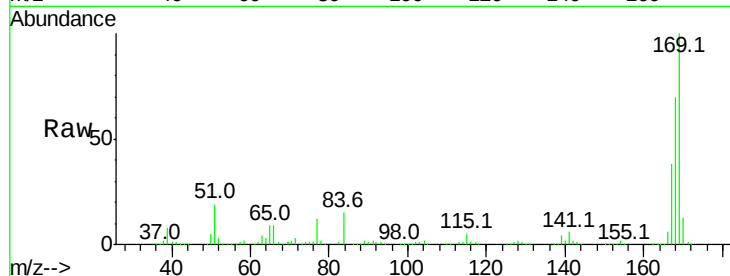




#65
 n-Nitrosodiphenylamine
 Concen: 37.74 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

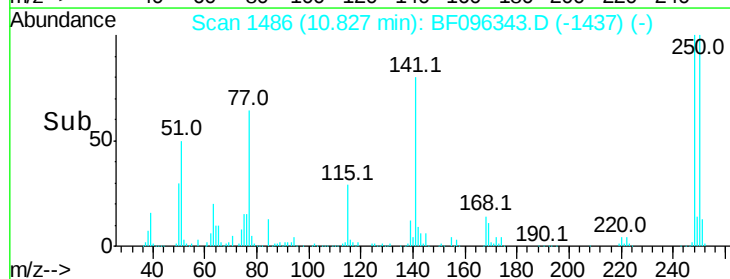
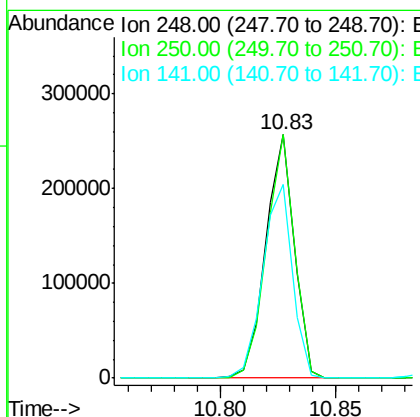
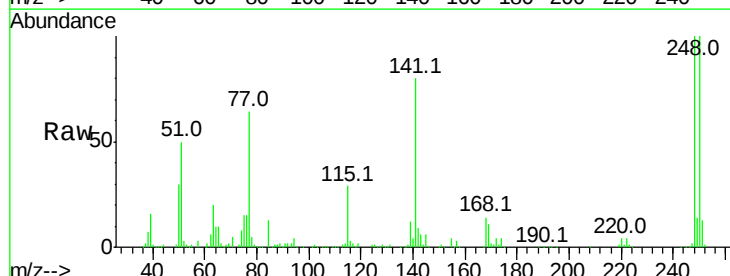
Instrument :
 BNA_F
 ClientSampleId :

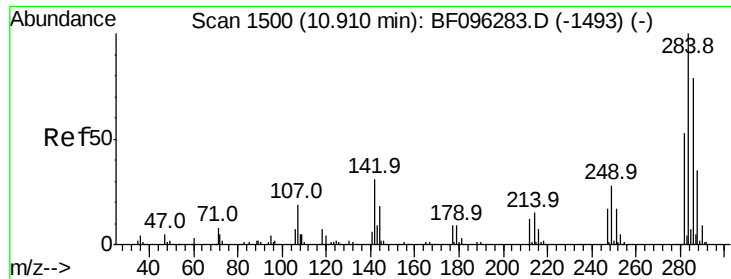
Tot Ion:169 Resp: 736531
 Ion Ratio Lower Upper
 169 100
 168 69.6 53.2 79.8
 167 37.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.55 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion:248 Resp: 220867
 Ion Ratio Lower Upper
 248 100
 250 99.9 76.8 115.2
 141 79.8 68.6 103.0

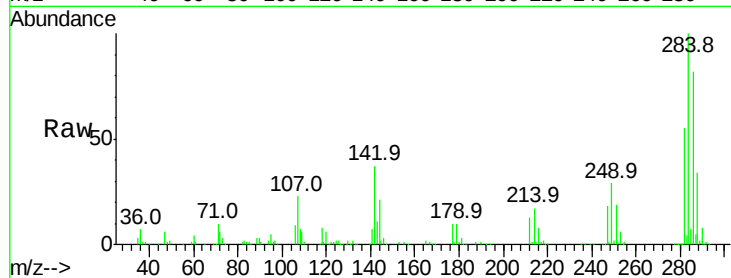




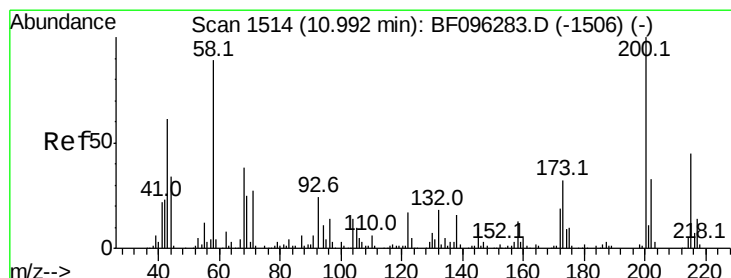
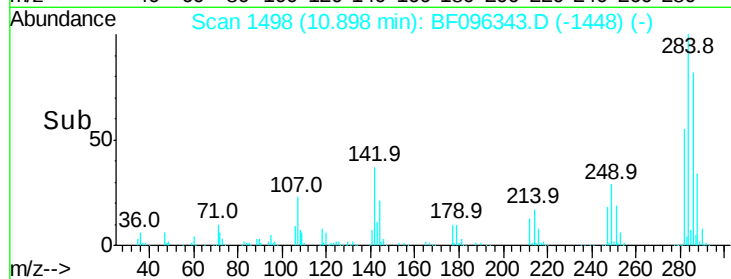
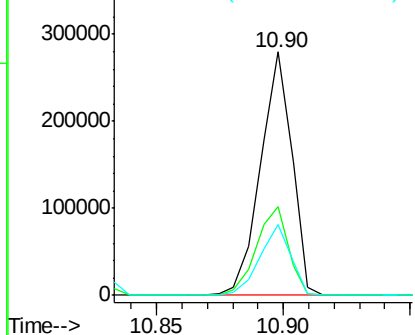
#67
Hexachlorobenzene
Concen: 42.31 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 242888
Ion Ratio Lower Upper
284 100
142 36.7 22.8 34.2#
249 28.8 24.0 36.0

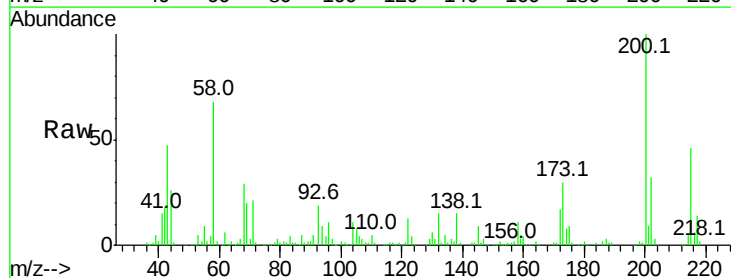


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

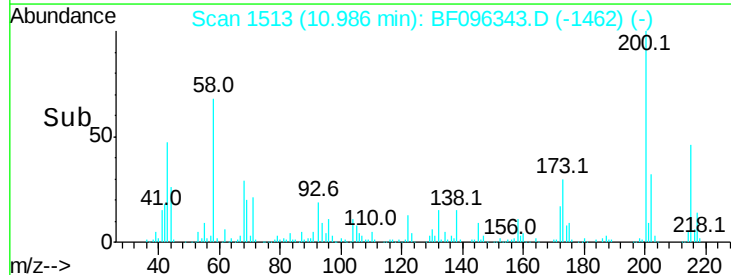
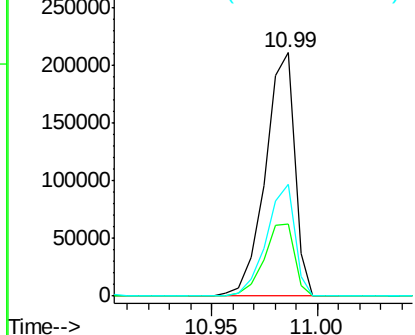


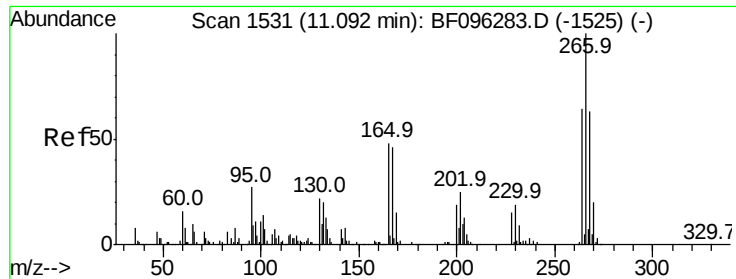
#68
Atrazine
Concen: 39.70 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:200 Resp: 204452
Ion Ratio Lower Upper
200 100
173 29.7 6.3 46.3
215 45.7 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

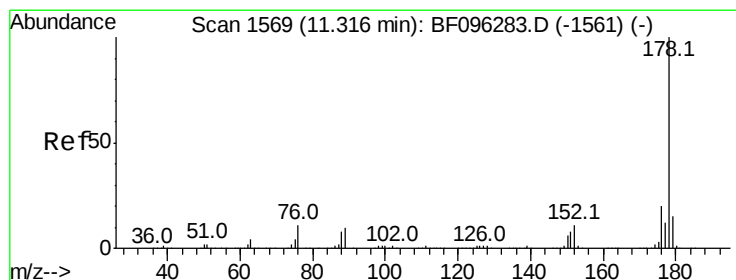
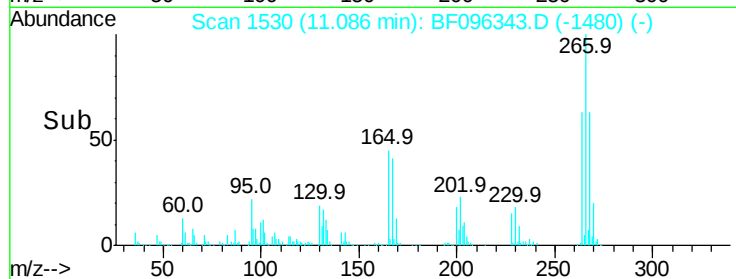
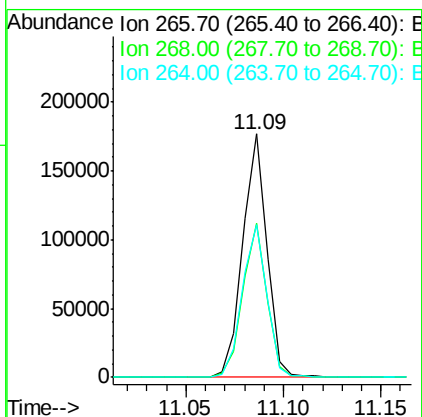
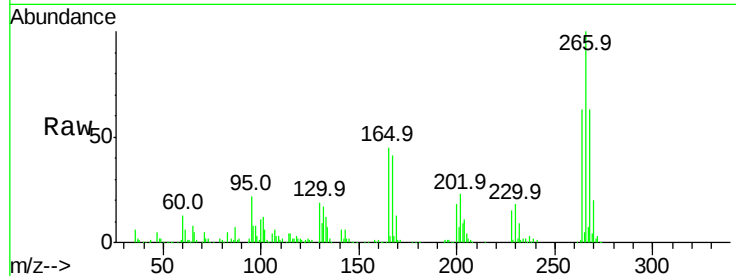




#69
 Pentachlorophenol
 Concen: 46.64 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

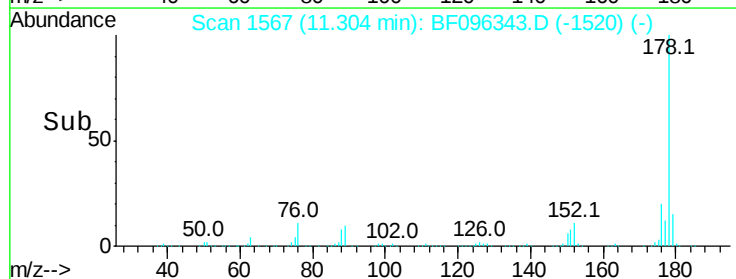
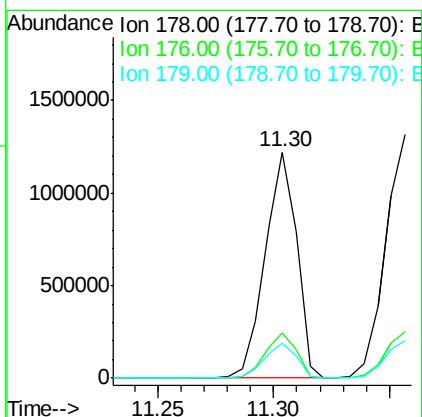
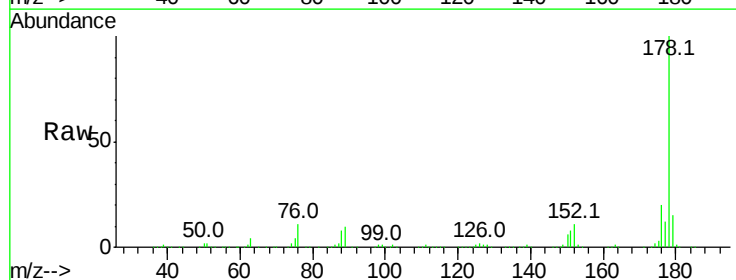
Instrument :
 BNA_F
 ClientSampleId :

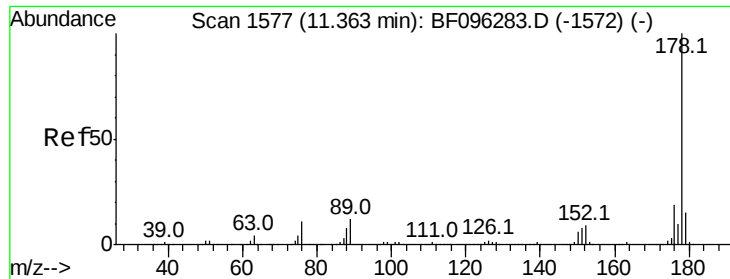
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.6	51.7	77.5



#70
 Phenanthrene
 Concen: 41.98 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.5	12.6	19.0

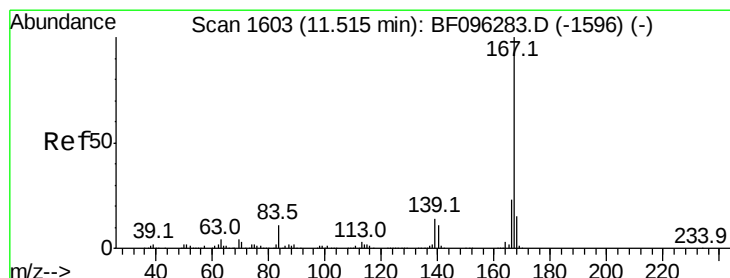
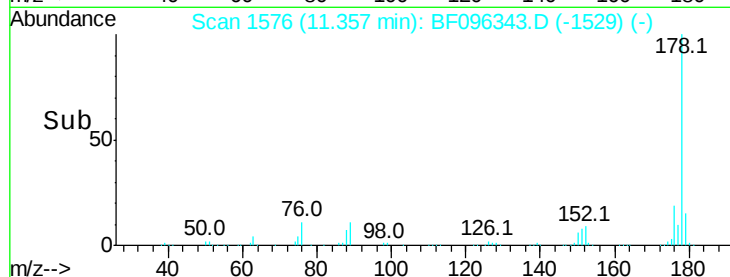
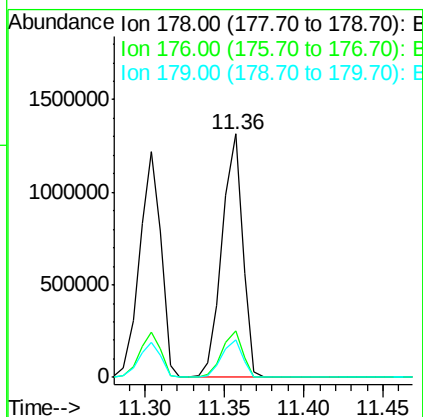
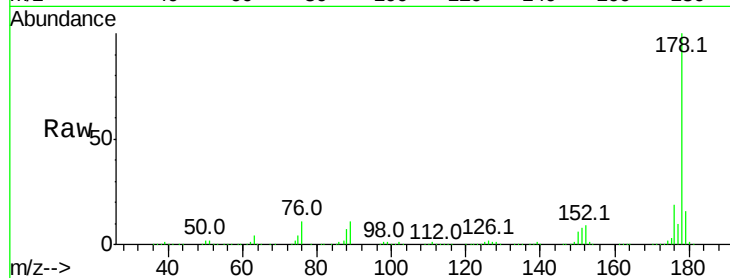




#71
 Anthracene
 Concen: 39.32 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

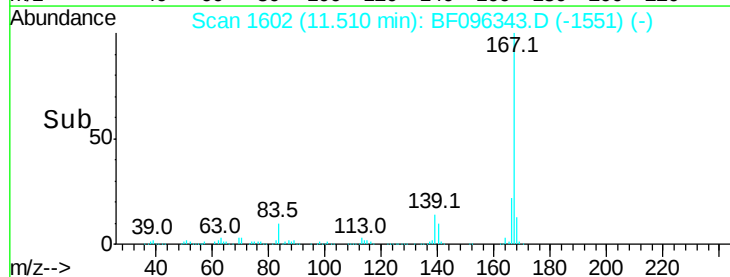
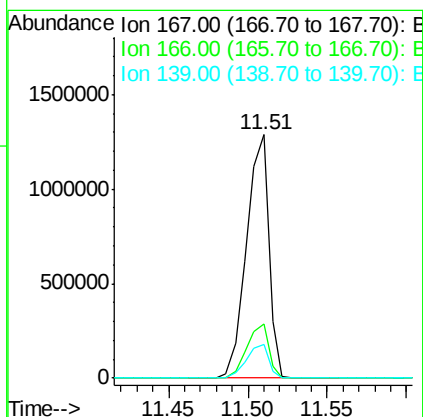
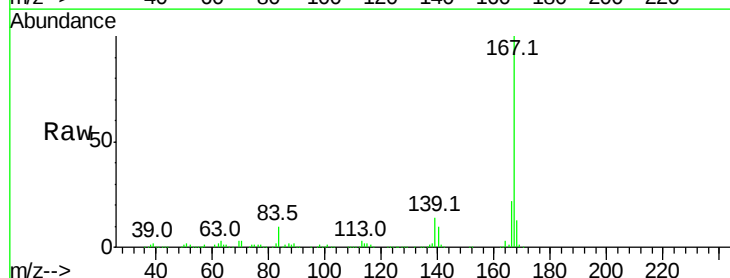
Instrument :
 BNA_F
 ClientSampleId :

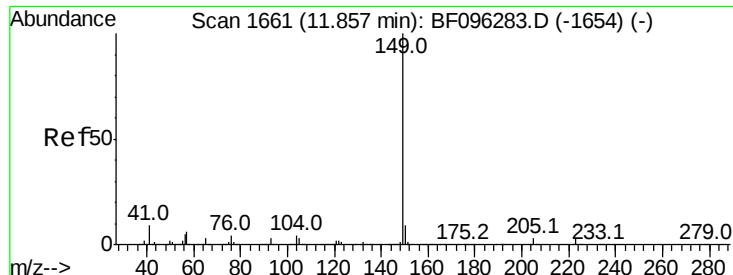
Tot Ion:178 Resp: 1192501
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 37.55 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Tgt Ion:167 Resp: 1257168
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.25 ng

RT: 11.85 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

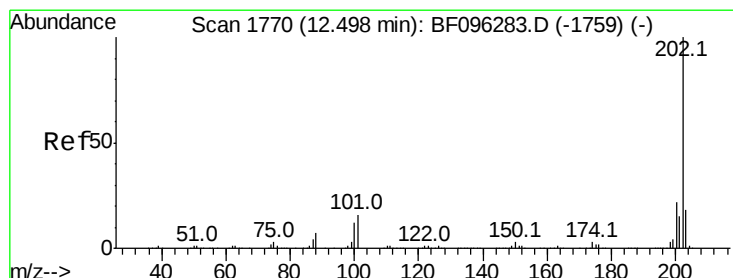
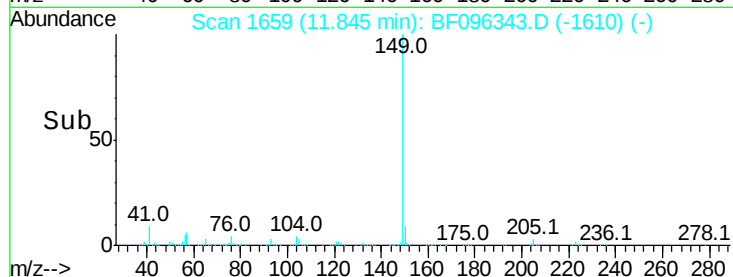
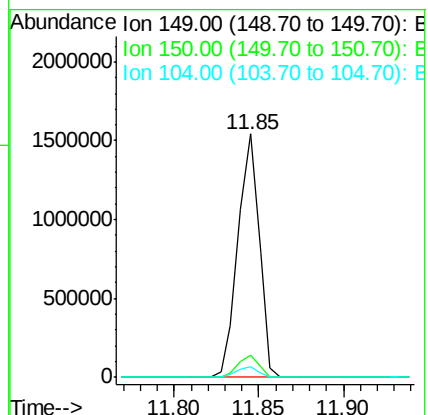
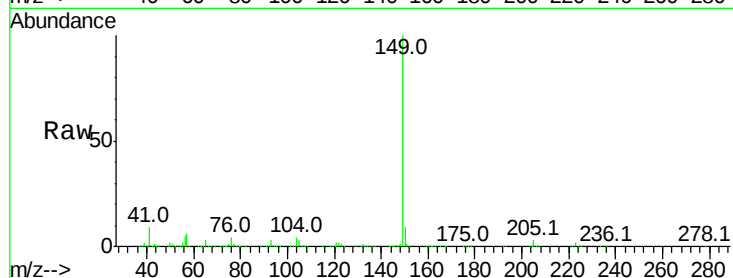
Tot Ion:149 Resp: 1352286

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

104 4.4 4.0 6.0



#74

Fluoranthene

Concen: 37.91 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

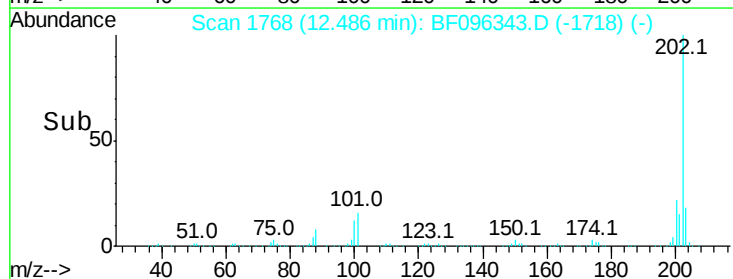
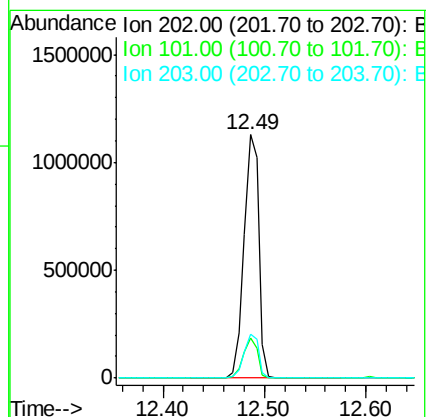
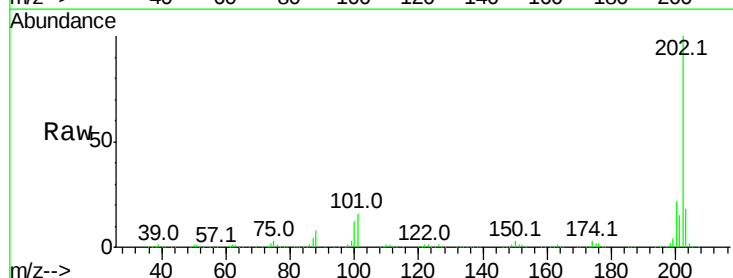
Tgt Ion:202 Resp: 1142956

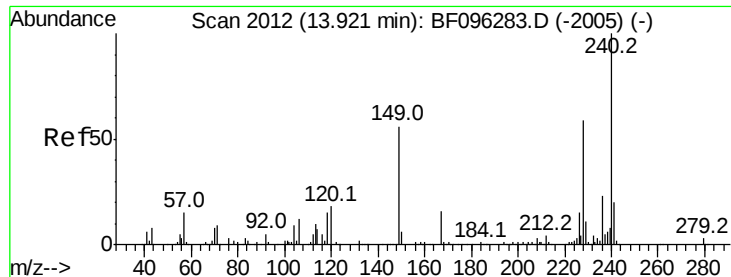
Ion Ratio Lower Upper

202 100

101 16.4 0.0 33.2

203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

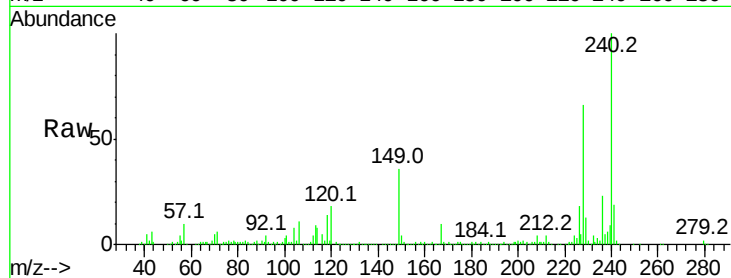
Tot Ion:240 Resp: 390839

Ion Ratio Lower Upper

240 100

120 17.7 5.8 8.8#

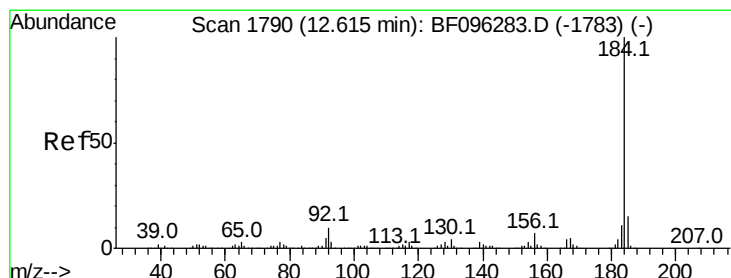
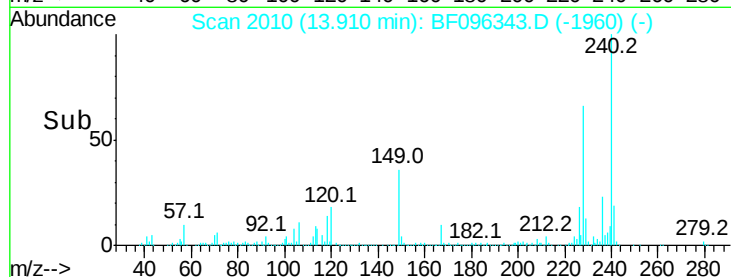
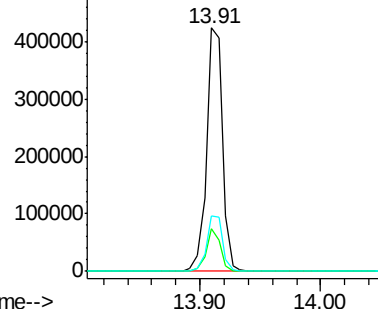
236 23.0 20.5 30.7



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: 35.08 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

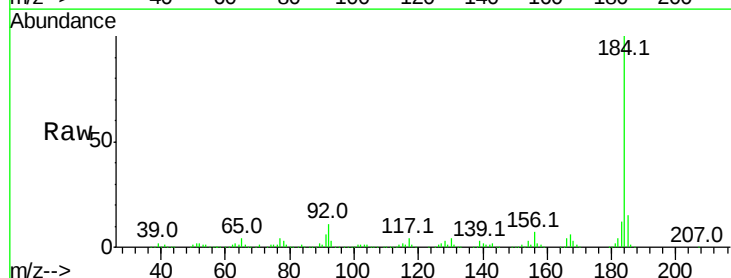
Tgt Ion:184 Resp: 513995

Ion Ratio Lower Upper

184 100

185 15.1 15.5 23.3#

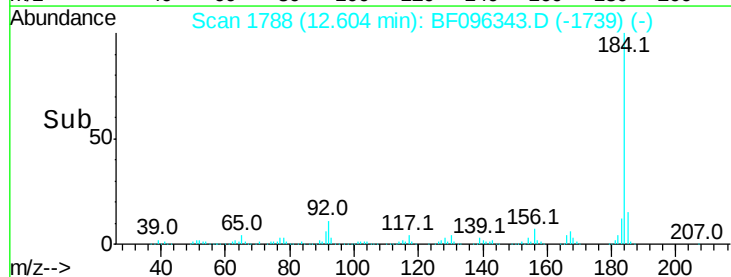
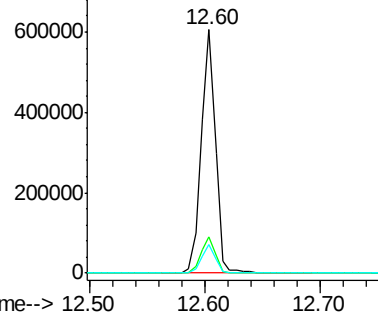
183 12.0 9.8 14.6

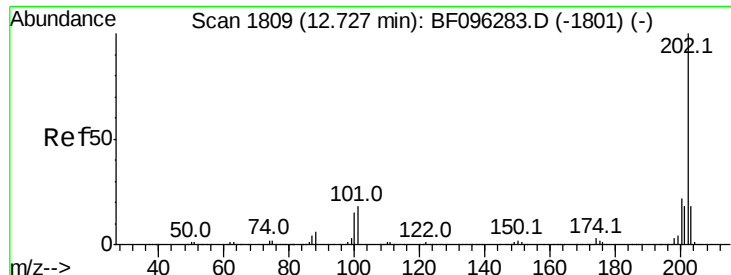


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

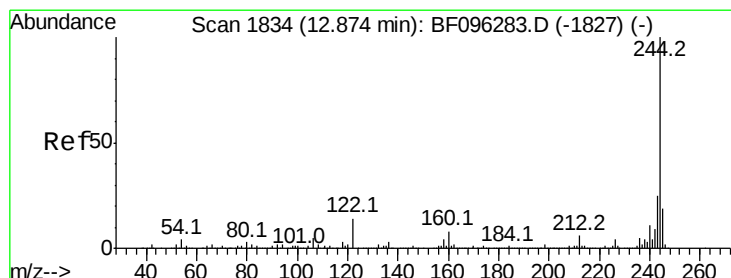
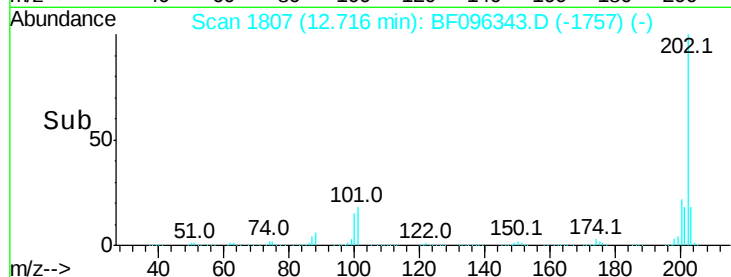
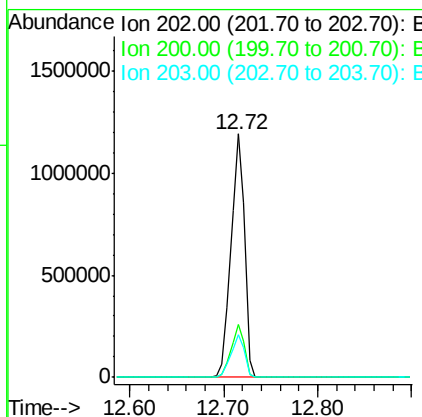
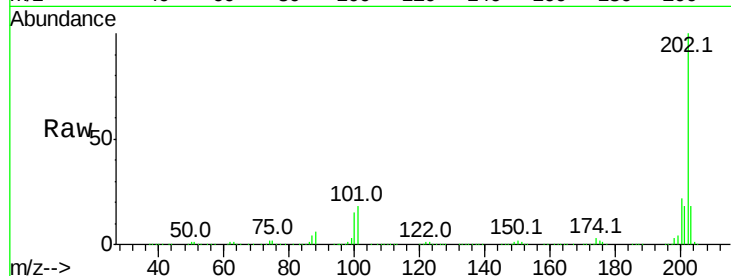




#77
Pvrene
Concen: 37.07 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

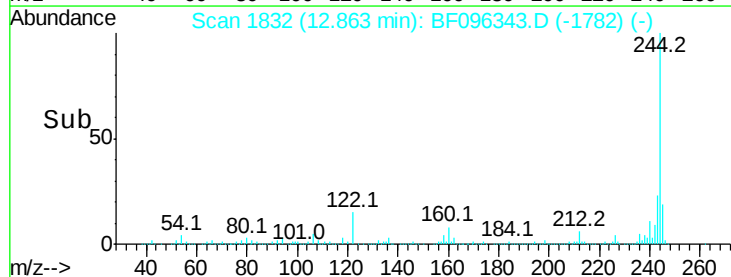
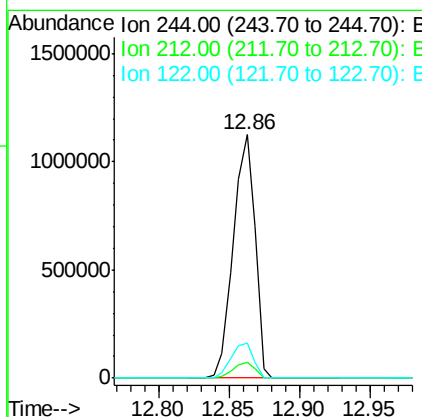
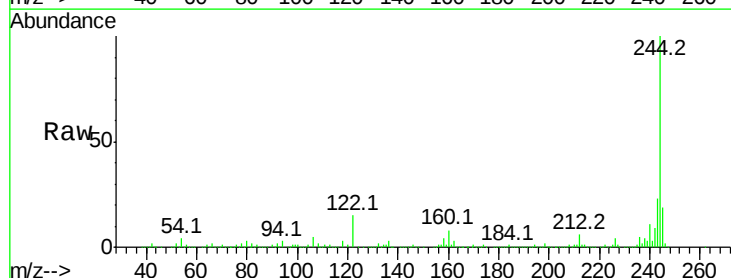
Instrument :
BNA_F
ClientSampleId :

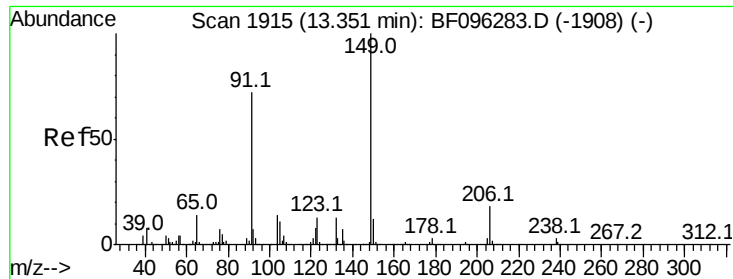
Tot Ion:202 Resp: 1190849
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 76.89 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion:244 Resp: 1204295
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 14.6 10.3 15.5

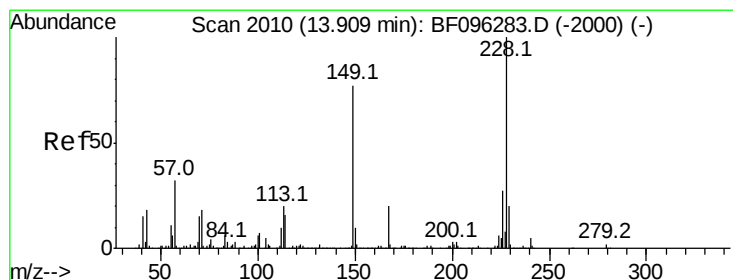
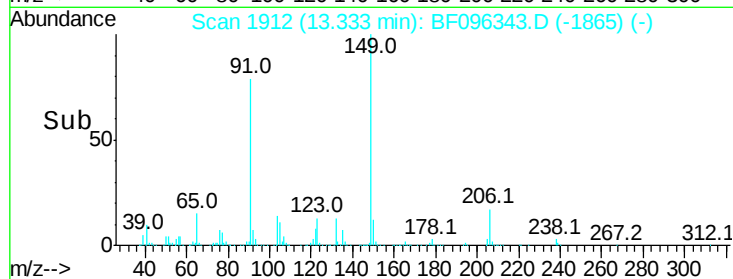
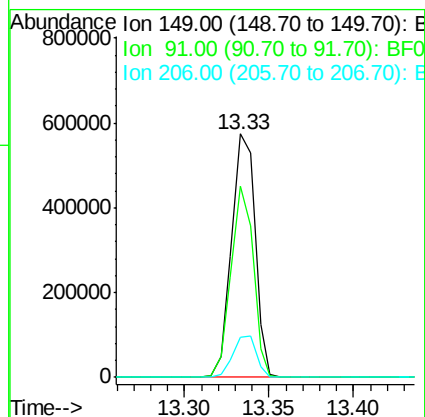
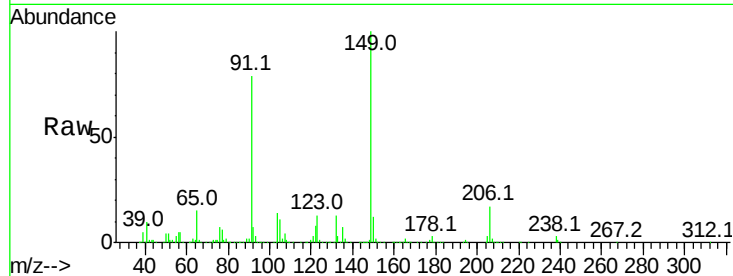




#79
Butylbenzylphthalate
Concen: 37.71 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

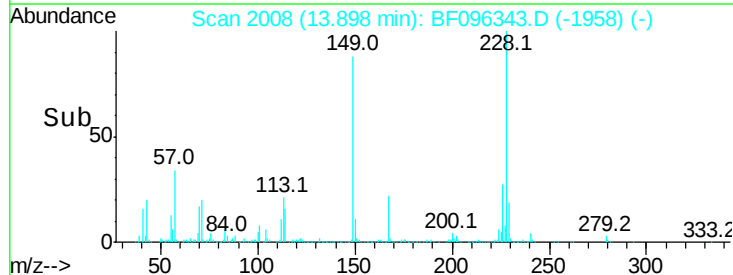
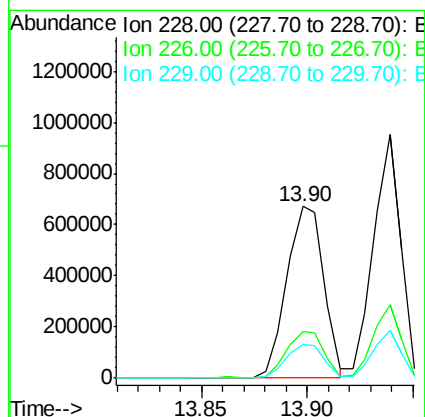
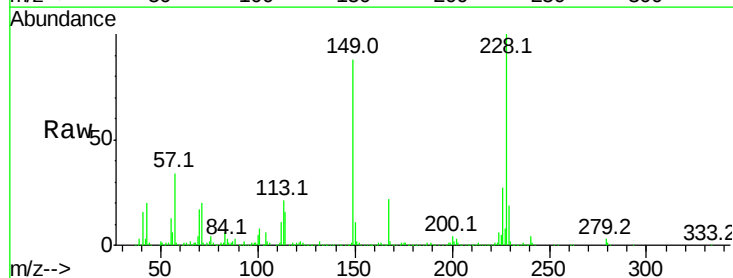
Instrument :
BNA_F
ClientSampleId :

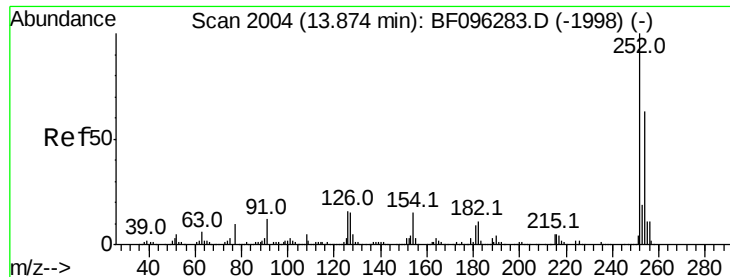
Tot Ion	Ratio	Lower	Upper
149	100		
91	78.7	45.0	67.4#
206	16.7	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 34.41 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.5	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 38.31 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

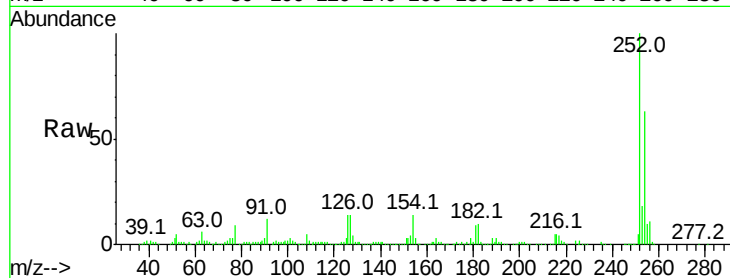
Tot Ion:252 Resp: 347569

Ion Ratio Lower Upper

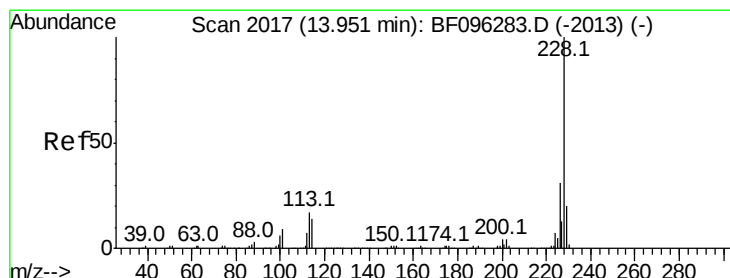
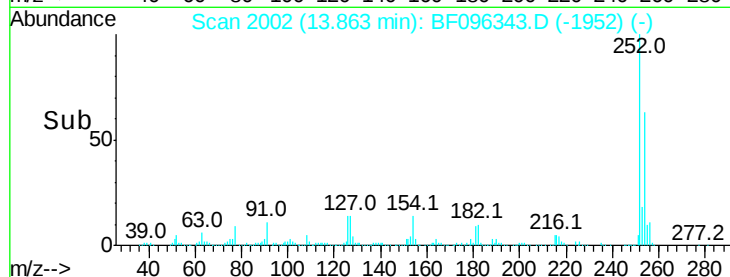
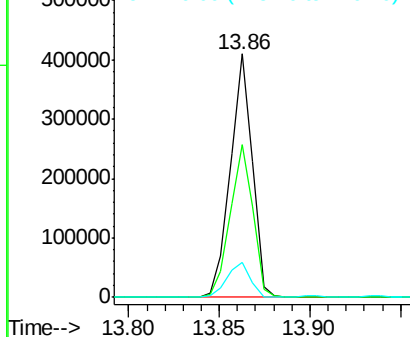
252 100

254 62.6 51.5 77.3

126 14.4 15.8 23.8#



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



#82

Chrysene

Concen: 35.13 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

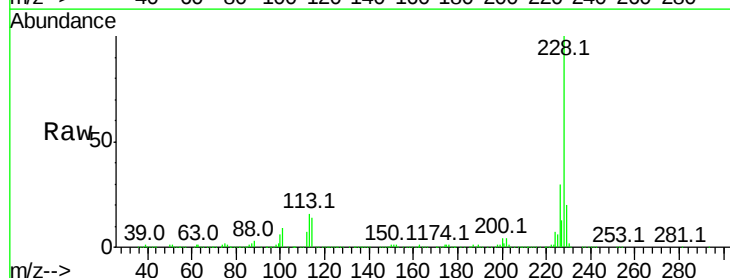
Tgt Ion:228 Resp: 865585

Ion Ratio Lower Upper

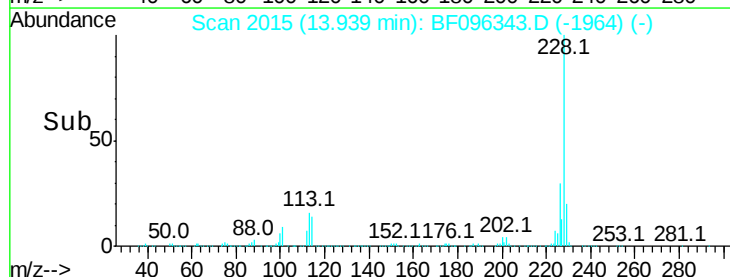
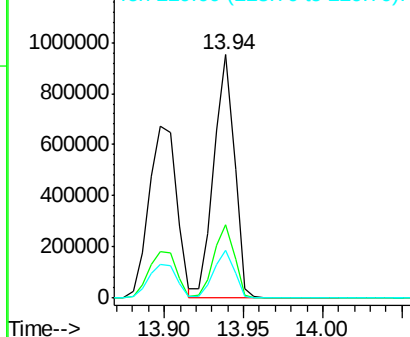
228 100

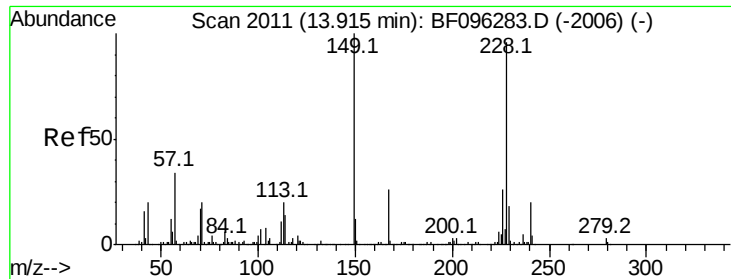
226 30.0 24.9 37.3

229 19.6 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: 36.18 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

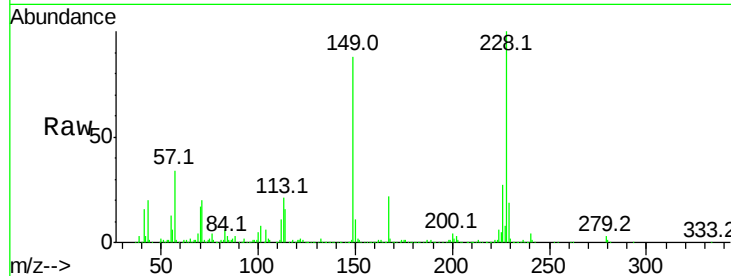
Tot Ion:149 Resp: 578701

Ion Ratio Lower Upper

149 100

167 25.4 21.0 31.4

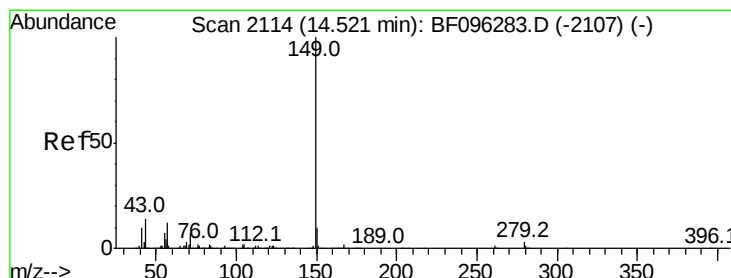
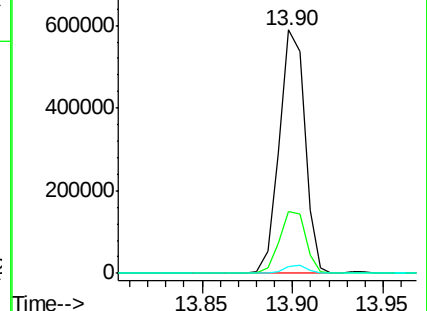
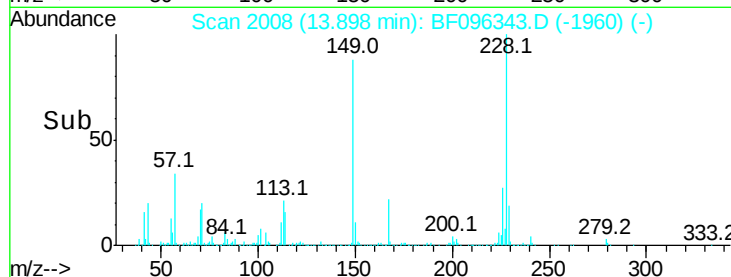
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.21 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.02 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

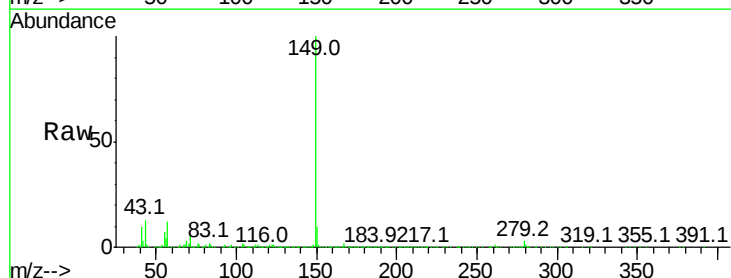
Tgt Ion:149 Resp: 1094264

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

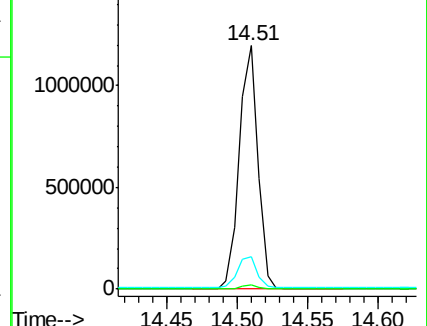
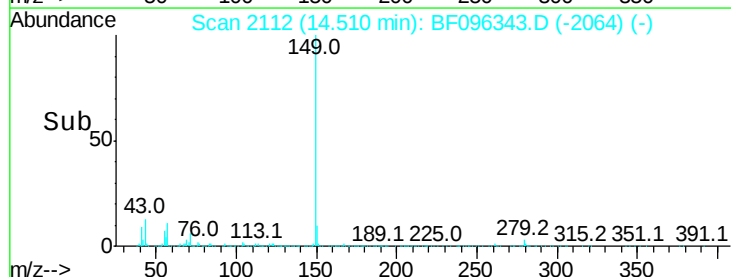
43 13.6 8.5 12.7#

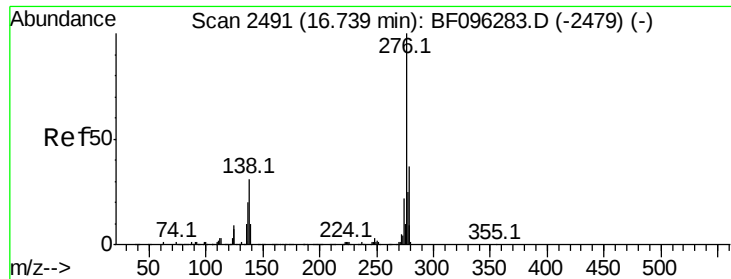


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

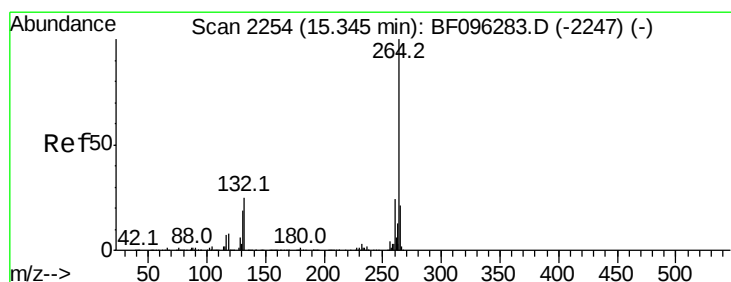
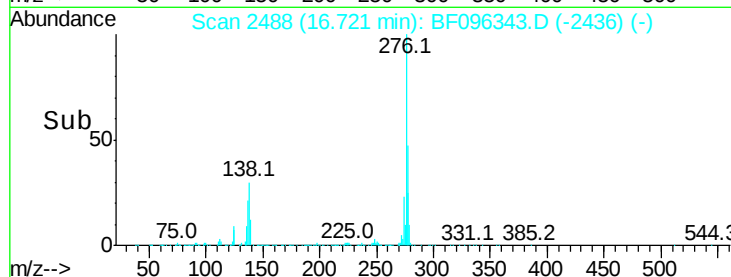
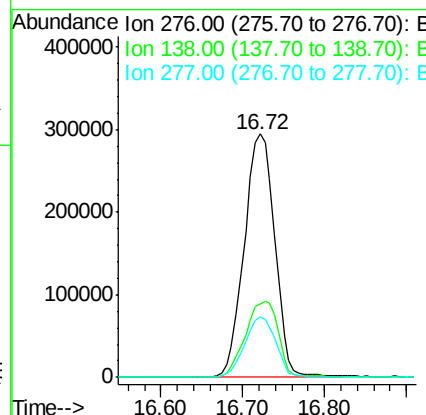
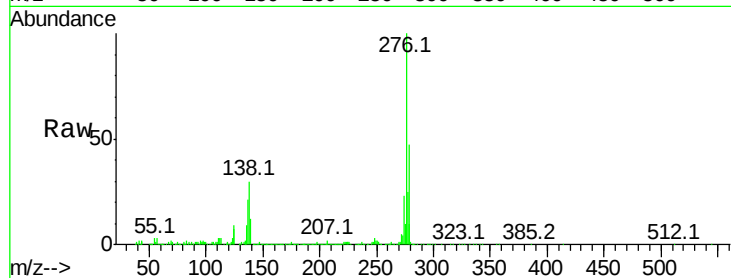




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.50 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

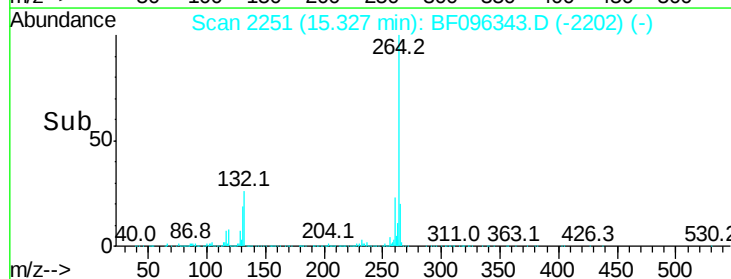
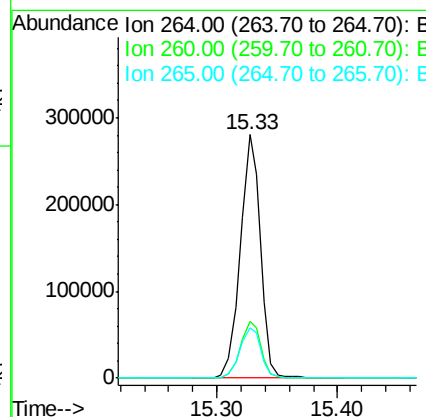
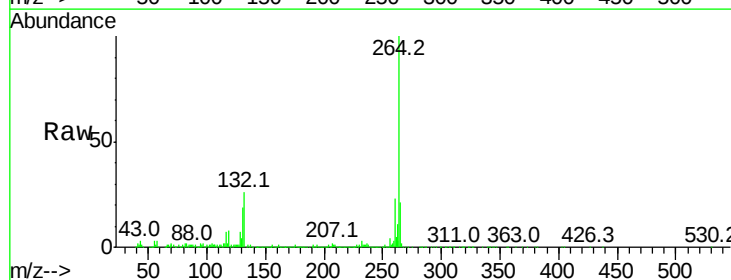
Instrument :
BNA_F
ClientSampleId :

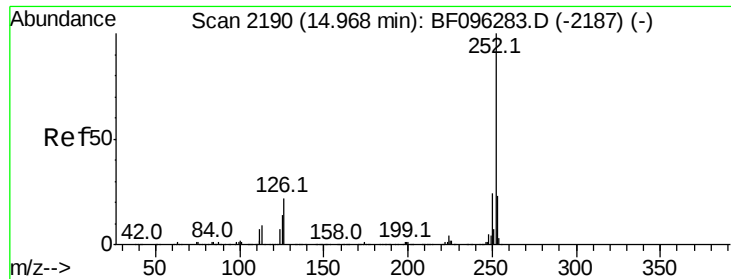
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.4	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 33.16 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

Instrument :

BNA_F

ClientSampleId :

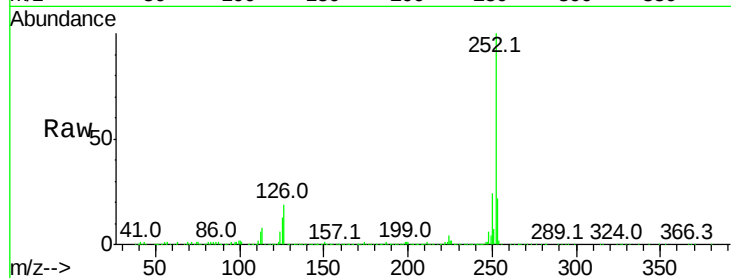
Tot Ion:252 Resp: 711217

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

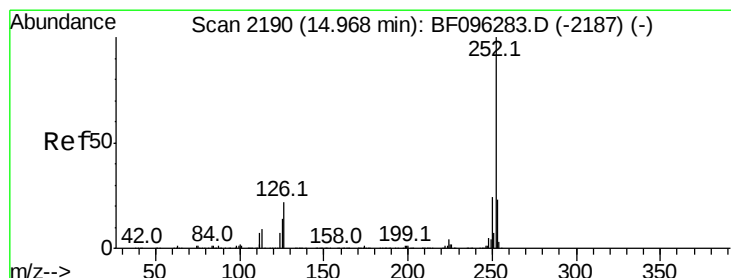
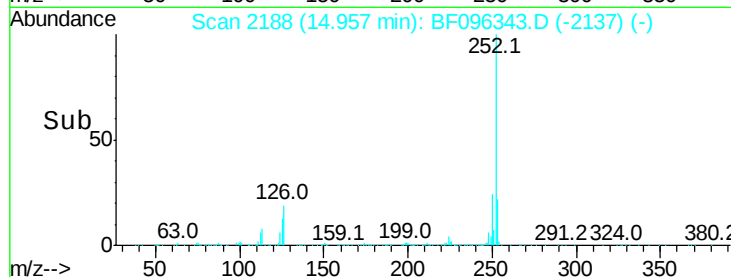
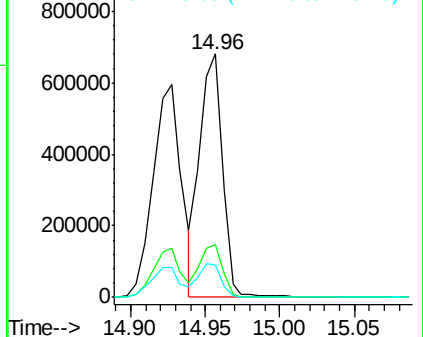
125 13.2 9.8 14.8



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: 36.32 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BF096343.D

Acq: 30 Jun 2017 18:25

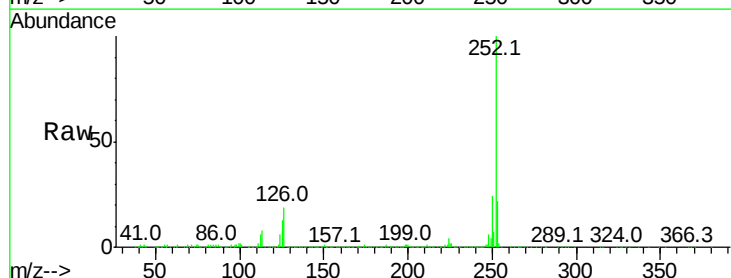
Tgt Ion:252 Resp: 711217

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

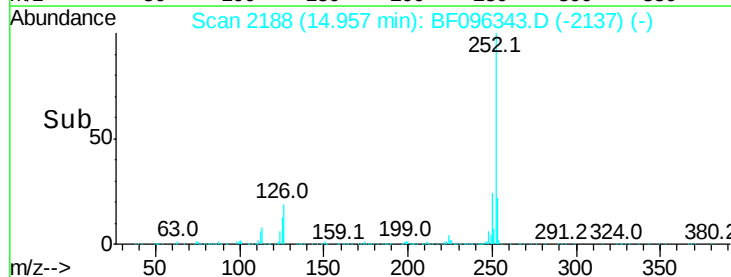
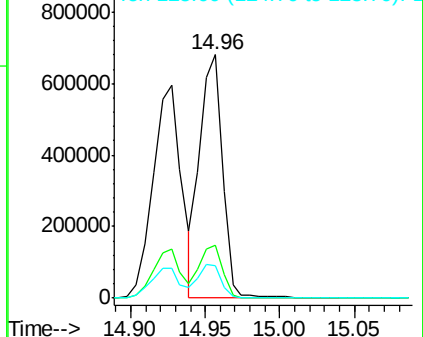
125 13.2 13.1 19.7

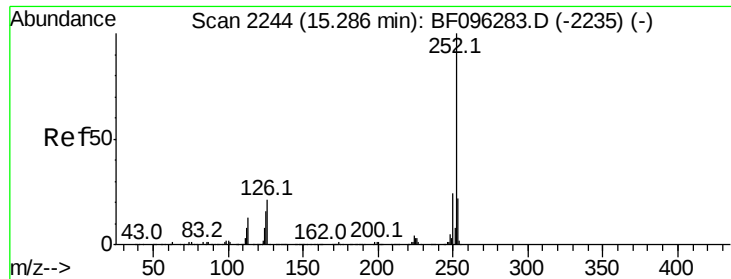


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

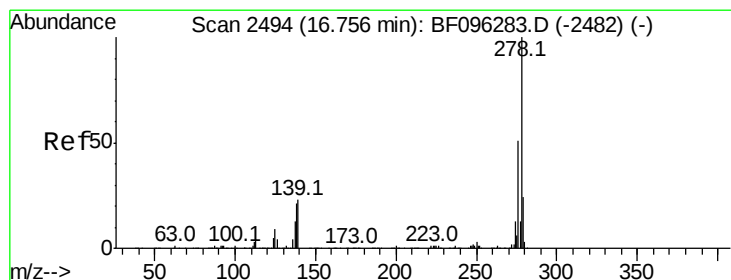
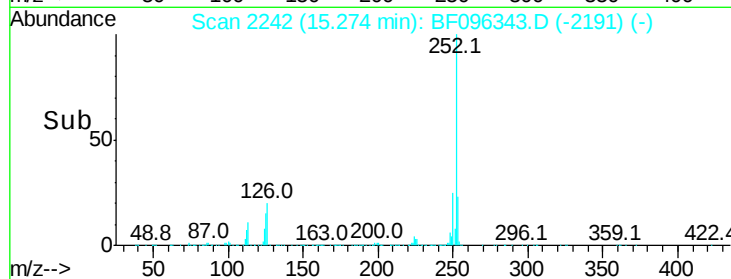
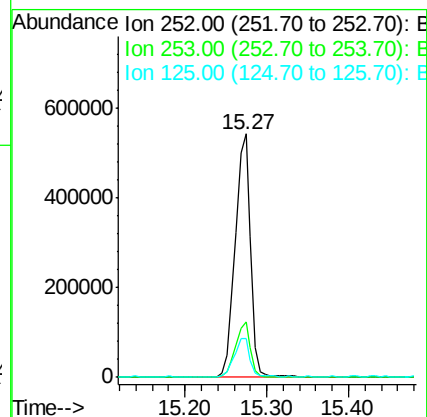
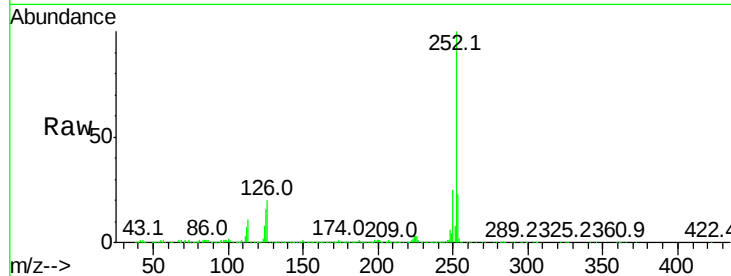




#89
Benzo(a)pyrene
Concen: 37.37 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

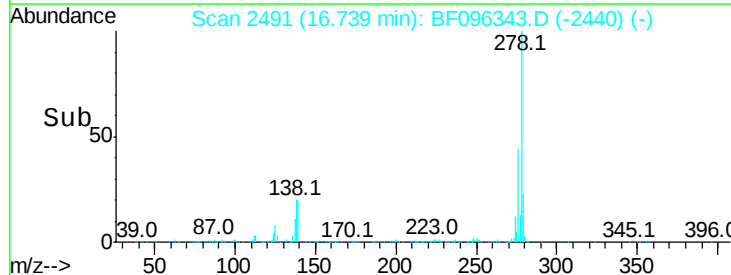
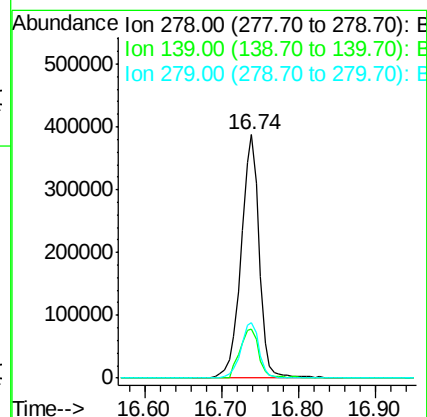
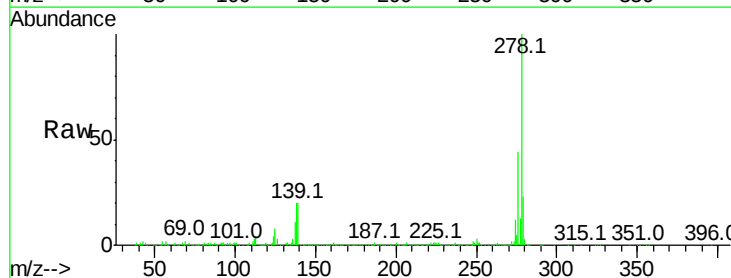
Instrument :
BNA_F
ClientSampleId :

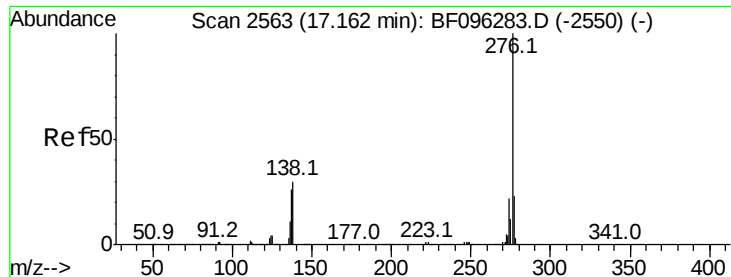
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.7	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.24 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BF096343.D
Acq: 30 Jun 2017 18:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.6	24.8
279	23.0	19.3	28.9

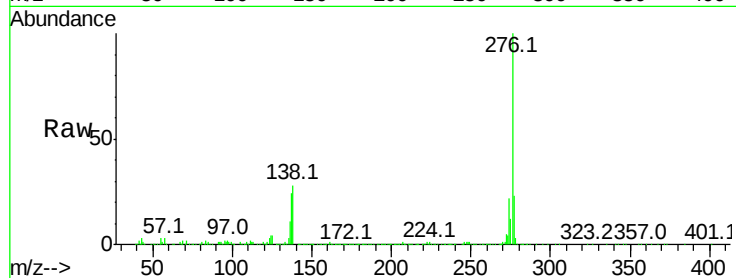




#91
 Benzo(a,h,i)perylene
 Concen: 44.38 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. 0.01 min
 Lab File: BF096343.D
 Acq: 30 Jun 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	28.1	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

