

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086529.D
 Acq On : 30 Apr 2016 17:49
 Operator : UM/SJ
 Sample : PB90186BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:22:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	143497	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	623771	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	305565	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	590830	20.00	ng	0.00
75) Chrysene-d12	13.92	240	428649	20.00	ng	0.00
86) Perylene-d12	15.31	264	357274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1045632	125.69	ng	0.01
7) Phenol-d6	6.41	99	1550943	133.57	ng	0.00
23) Nitrobenzene-d5	7.33	82	967830	83.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	430900	133.72	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1648704	97.33	ng	0.00
78) Terphenyl-d14	12.88	244	1580773	81.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	156725	35.86	ng	# 77
3) Pyridine	3.07	79	454434	43.94	ng	# 71
4) n-Nitrosodimethylamine	3.02	42	268106	45.48	ng	# 60
6) Aniline	6.43	93	239089	17.02	ng	# 23
8) 2-Chlorophenol	6.56	128	432663	41.76	ng	97
9) Benzaldehyde	6.30	77	60866	9.01	ng	91
10) Phenol	6.43	94	465389	35.93	ng	78
11) bis(2-Chloroethyl)ether	6.51	93	467966	41.79	ng	94
12) 1,3-Dichlorobenzene	6.70	146	423393	37.99	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	448534	39.00	ng	96
14) 1,2-Dichlorobenzene	6.93	146	401958	38.11	ng	94
15) Benzyl Alcohol	6.92	79	348433	47.44	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	888744	39.65	ng	89
17) 2-Methylphenol	7.04	107	372441	44.47	ng	94
18) Hexachloroethane	7.28	117	161997	37.70	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	321637	41.91	ng	# 69
20) 3+4-Methylphenols	7.18	107	430145	44.98	ng	91
22) Acetophenone	7.18	105	589296	43.08	ng	# 90
24) Nitrobenzene	7.36	77	504920	42.41	ng	96
25) Isophorone	7.60	82	893501	40.12	ng	99
26) 2-Nitrophenol	7.68	139	233487	42.60	ng	95
27) 2,4-Dimethylphenol	7.72	122	420879	43.76	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	549113	45.26	ng	99
29) 2,4-Dichlorophenol	7.92	162	365933	45.10	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	365106	38.79	ng	96
31) Naphthalene	8.08	128	1266157	39.89	ng	99
32) Benzoic acid	7.85	122	183681	34.55	ng	88
33) 4-Chloroaniline	8.13	127	100370	8.44	ng	98
34) Hexachlorobutadiene	8.20	225	195327	37.02	ng	98
35) Caprolactam	8.50	113	73436	27.13	ng	# 59
36) 4-Chloro-3-methylphenol	8.62	107	419547	45.16	ng	99
37) 2-Methylnaphthalene	8.77	142	807764	43.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	323369	36.97	ng	98
40) Hexachlorocyclopentadiene	8.92	237	336158	77.34	ng	96

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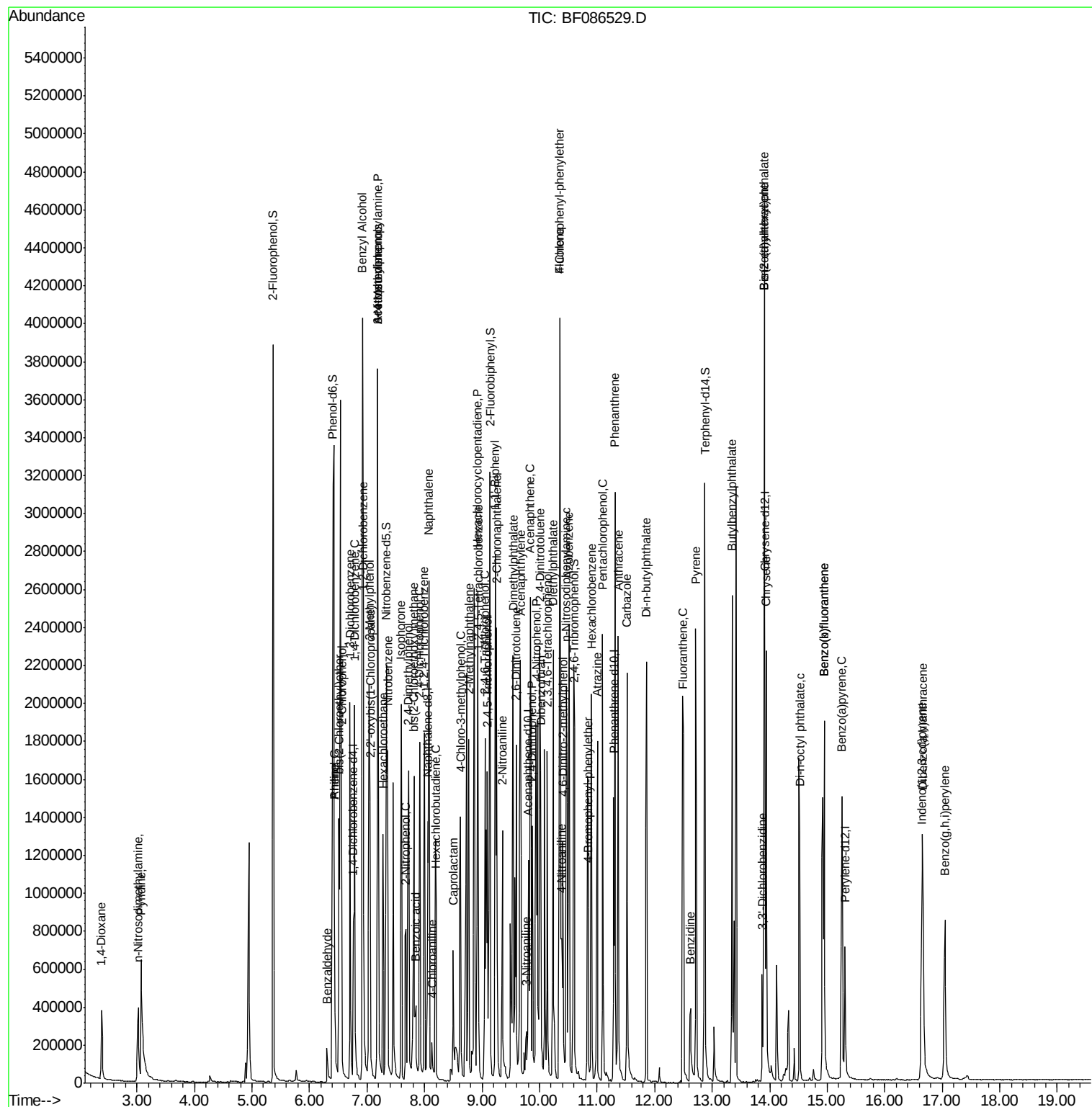
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	234261	42.37	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	245572	40.75	nq #	90
45) 1,1'-Biphenyl	9.23	154	962071	37.67	nq	96
46) 2-Chloronaphthalene	9.25	162	737002	37.95	nq	94
47) 2-Nitroaniline	9.36	65	294723	47.33	nq	92
48) Acenaphthylene	9.66	152	1154454	38.03	nq	99
49) Dimethylphthalate	9.54	163	914354	39.75	nq	100
50) 2,6-Dinitrotoluene	9.60	165	189100	39.79	nq #	83
51) Acenaphthene	9.84	154	819589	42.04	nq	99
52) 3-Nitroaniline	9.77	138	72599	13.43	nq	99
53) 2,4-Dinitrophenol	9.87	184	176021	68.94	nq #	75
54) Dibenzofuran	10.02	168	1047287	42.98	nq	95
55) 4-Nitrophenol	9.94	139	307763	86.97	nq #	71
56) 2,4-Dinitrotoluene	10.01	165	255943	42.25	nq #	82
57) Fluorene	10.35	166	735743	34.77	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	216315	45.91	nq	98
59) Diethylphthalate	10.24	149	845092	38.81	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	386168	40.20	nq #	86
61) 4-Nitroaniline	10.38	138	213987	40.50	nq	90
62) Azobenzene	10.51	77	1078206	45.20	nq	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	138092	39.81	nq #	71
65) n-Nitrosodiphenylamine	10.46	169	715174	38.73	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	236896	38.91	nq #	77
67) Hexachlorobenzene	10.90	284	261539	37.11	nq #	80
68) Atrazine	11.00	200	259409	46.78	nq	96
69) Pentachlorophenol	11.09	266	261495	70.38	nq	99
70) Phenanthrene	11.31	178	1149903	37.09	nq	100
71) Anthracene	11.37	178	1362452	41.17	nq	99
72) Carbazole	11.52	167	1136892	38.77	nq	99
73) Di-n-butylphthalate	11.86	149	1358759	40.90	nq	99
74) Fluoranthene	12.50	202	1295701	41.40	nq	91
76) Benzidine	12.63	184	319731	21.70	nq	96
77) Pyrene	12.72	202	1266086	40.99	nq	100
79) Butylbenzylphthalate	13.35	149	532277	39.79	nq #	71
80) Benzo(a)anthracene	13.91	228	962633	42.12	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	144850	9.48	nq	98
82) Chrysene	13.94	228	949316	38.22	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	598261	36.03	nq #	96
84) Di-n-octyl phthalate	14.52	149	1012742	38.95	nq #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	850482	46.21	nq	97
87) Benzo(b)fluoranthene	14.95	252	1731769	82.39	nq	98
88) Benzo(k)fluoranthene	14.95	252	1733759	79.08	nq	100
89) Benzo(a)pyrene	15.25	252	800277	40.33	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	706228	43.49	nq	99
91) Benzo(g,h,i)perylene	17.05	276	718445	44.15	nq	94

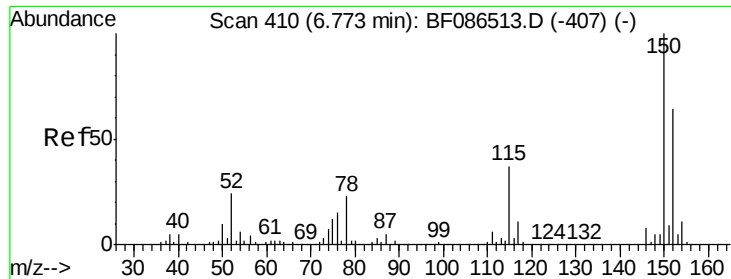
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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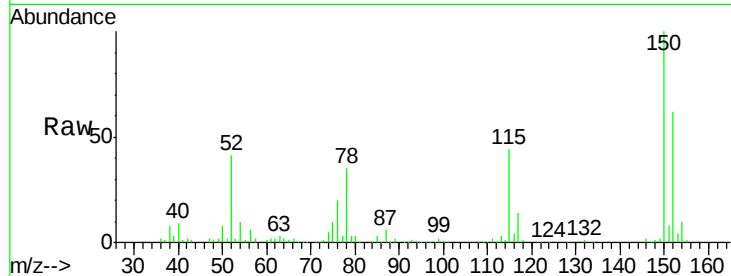


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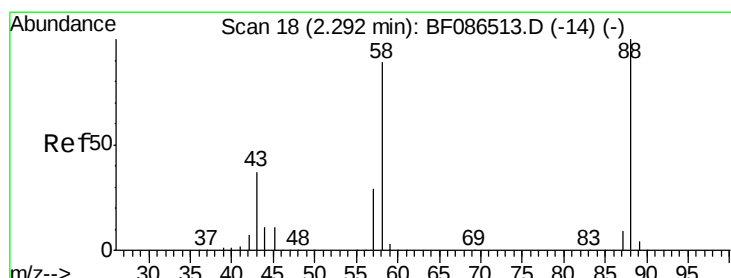
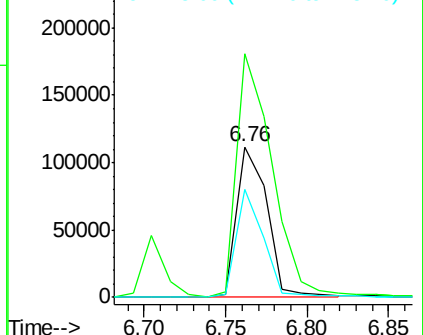
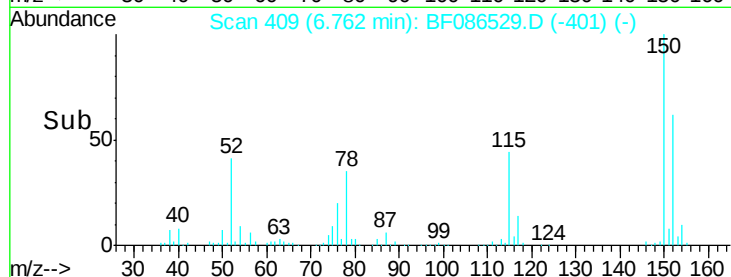
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 143497
Ion Ratio Lower Upper
152 100
150 161.8 125.8 188.6
115 71.9 51.5 77.3



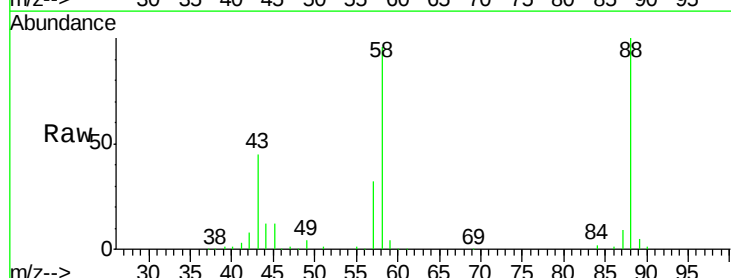
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



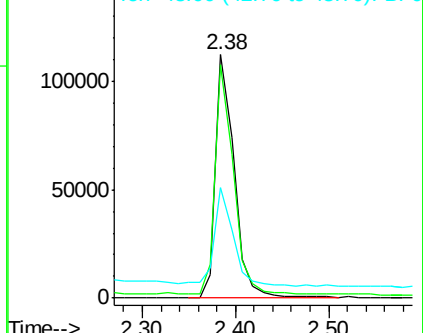
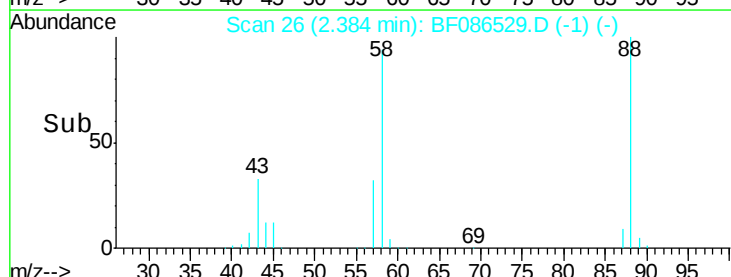
#2

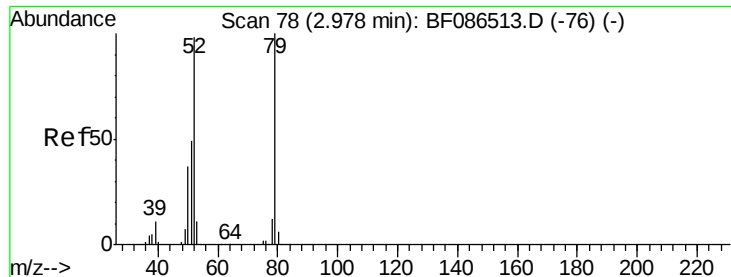
1,4-Dioxane
Concen: 35.86 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion: 88 Resp: 156725
Ion Ratio Lower Upper
88 100
58 91.7 59.6 89.4#
43 43.6 21.8 32.6#



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



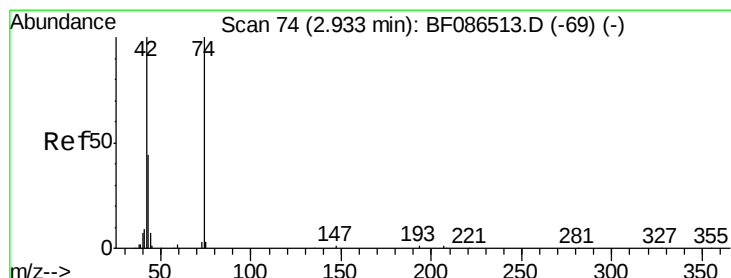
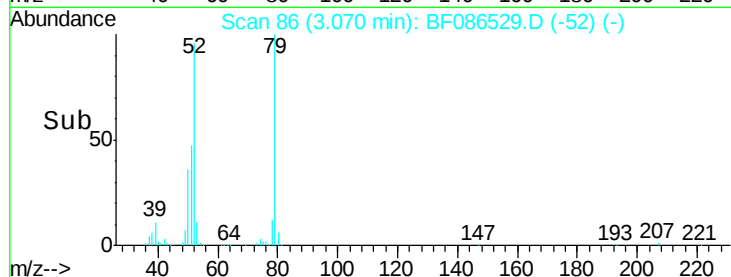
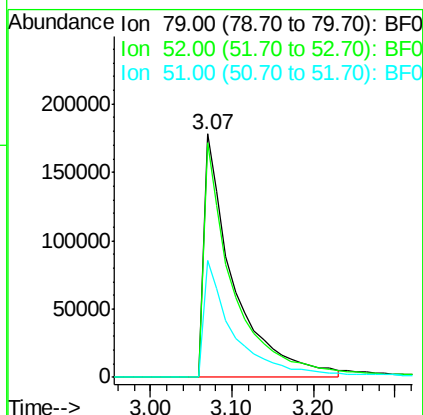
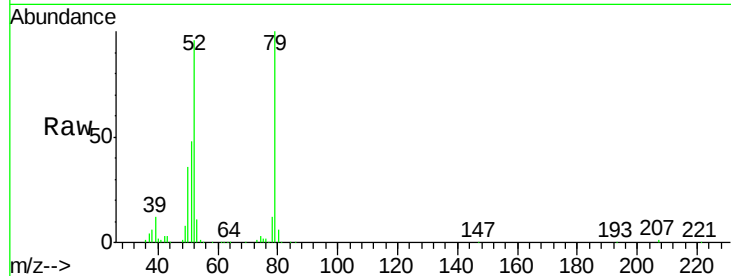


#3
Pvridine
Concen: 43.94 ng
RT: 3.07 min Scan# 86
Delta R.T. 0.09 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 454434

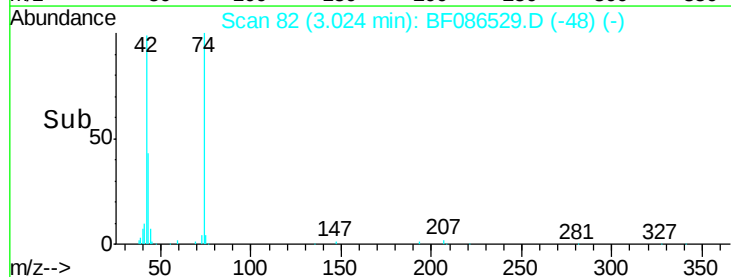
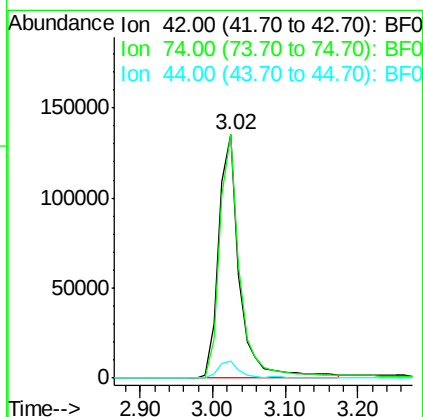
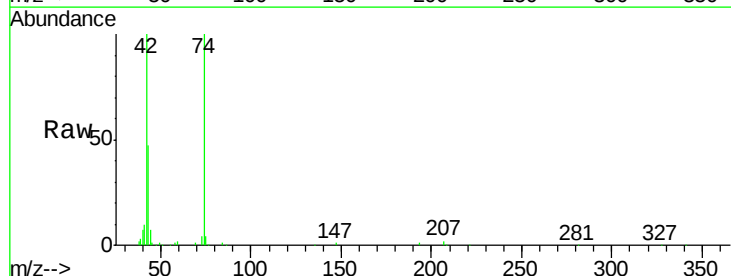
Ion	Ratio	Lower	Upper
79	100		
52	96.2	55.9	83.9#
51	47.9	28.1	42.1#

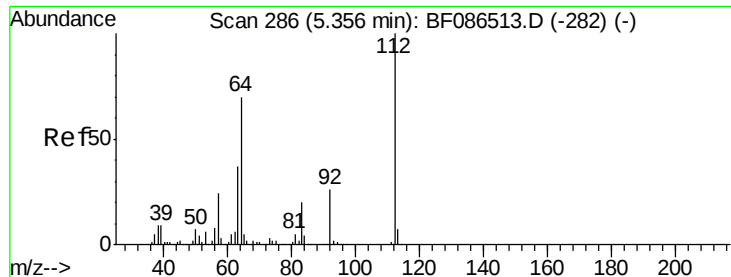


#4
n-Nitrosodimethylamine
Concen: 45.48 ng
RT: 3.02 min Scan# 82
Delta R.T. 0.09 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion: 42 Resp: 268106

Ion	Ratio	Lower	Upper
42	100		
74	100.0	123.4	185.0#
44	7.2	5.8	8.6





#5

2-Fluorophenol

Concen: 125.69 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

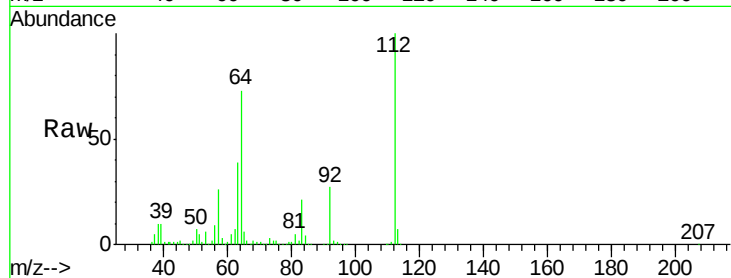
Tot Ion:112 Resp: 1045632

Ion Ratio Lower Upper

112 100

64 72.7 52.1 78.1

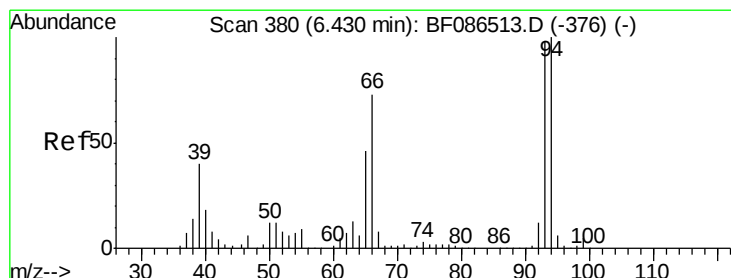
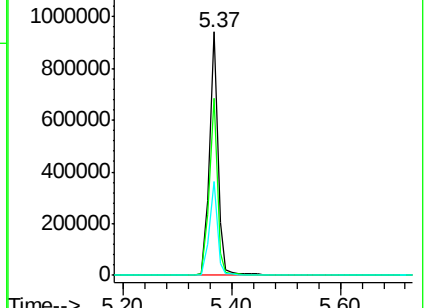
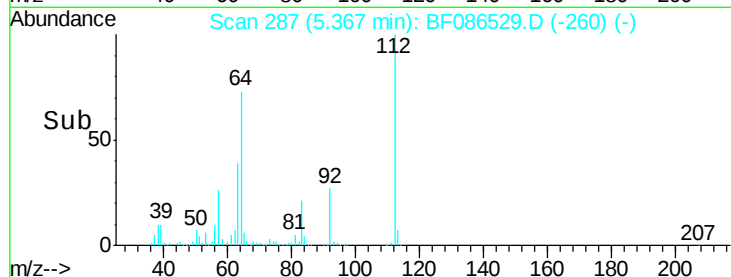
63 38.8 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.02 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

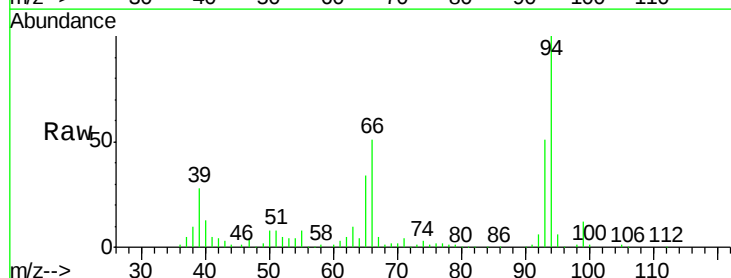
Tgt Ion: 93 Resp: 239089

Ion Ratio Lower Upper

93 100

66 99.9 39.0 58.6#

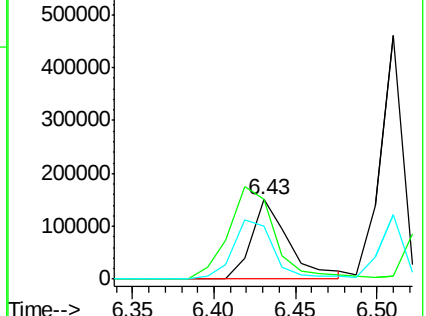
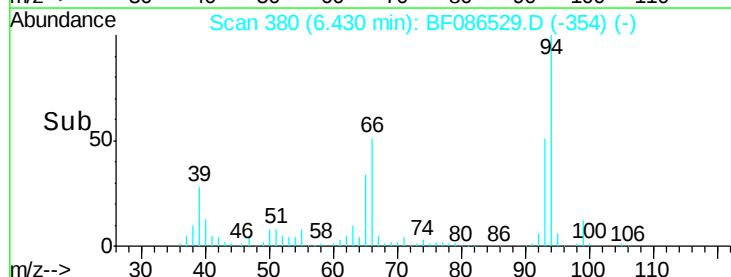
65 66.3 20.6 31.0#

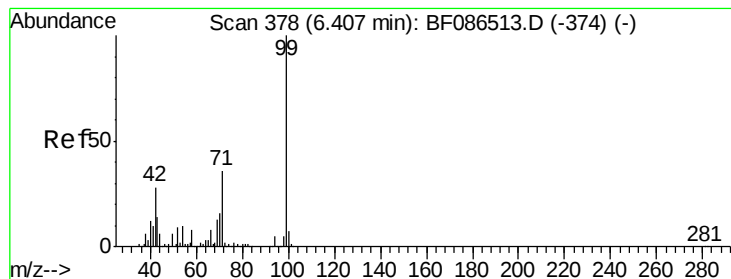


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.57 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

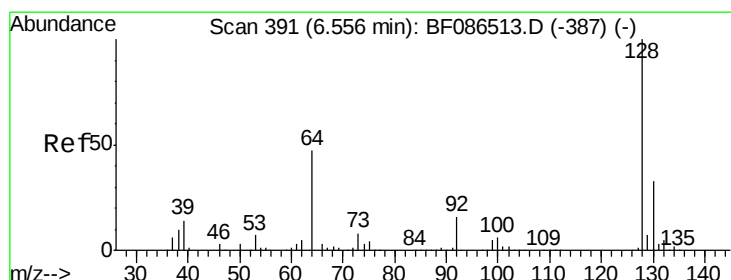
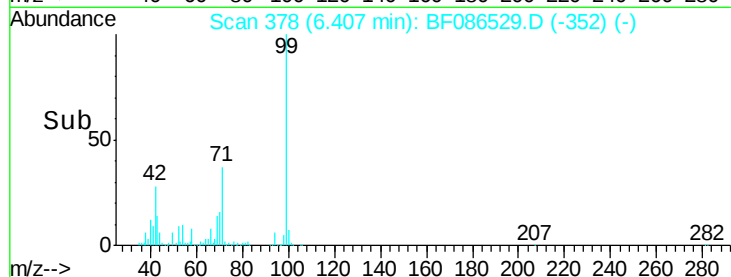
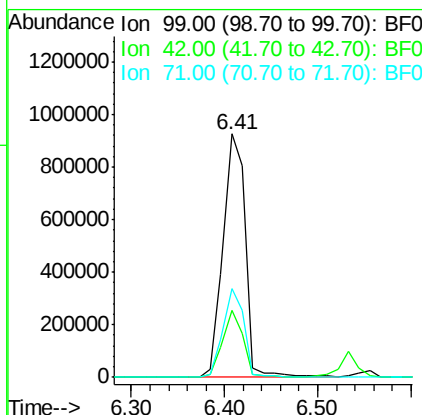
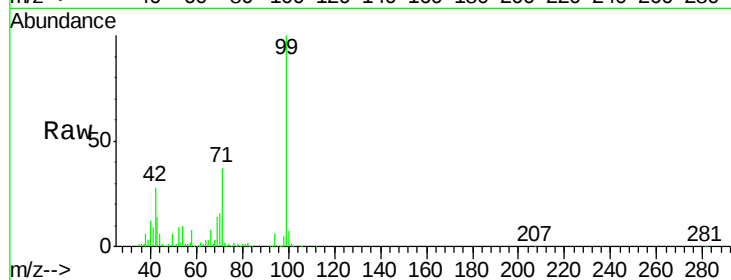
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1550943

Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	36.6	24.6	36.8



#8

2-Chlorophenol

Concen: 41.76 ng

RT: 6.56 min Scan# 391

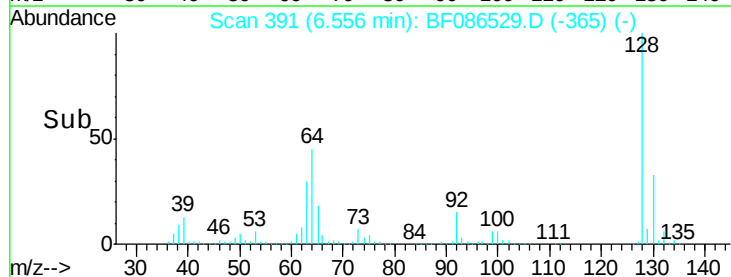
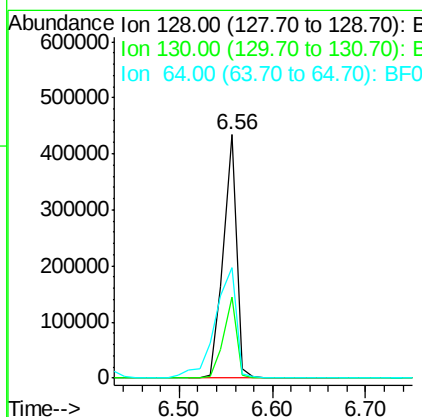
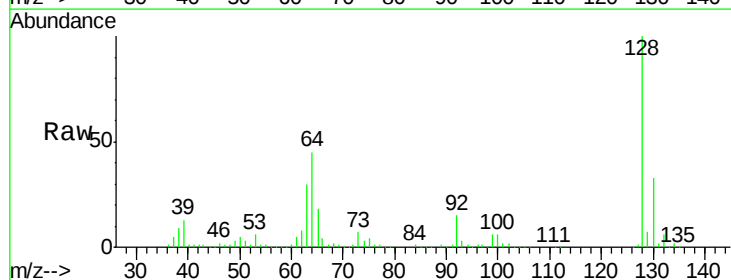
Delta R.T. 0.00 min

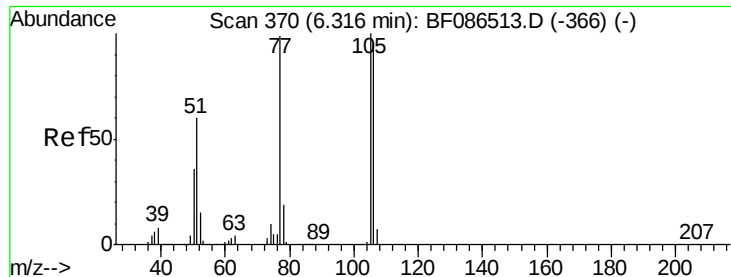
Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion: 128 Resp: 432663

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	45.1	27.3	67.3





#9

Benzaldehyde

Concen: 9.01 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

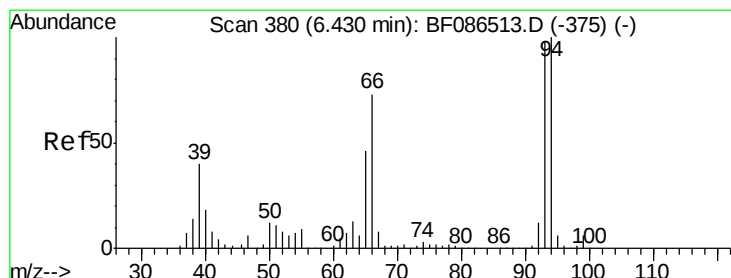
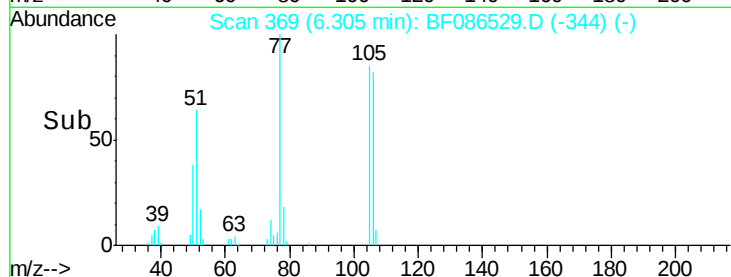
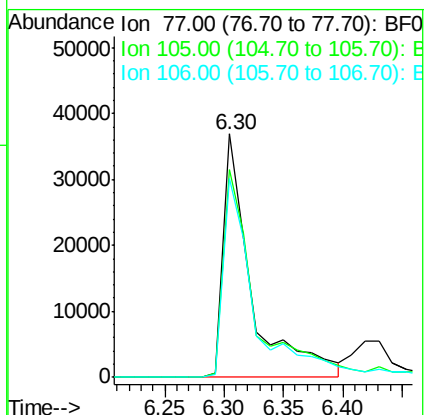
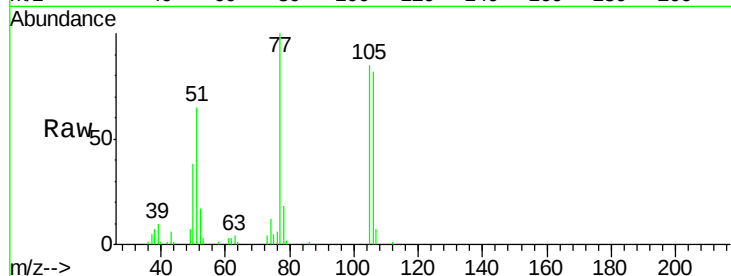
Tot Ion: 77 Resp: 60866

Ion Ratio Lower Upper

77 100

105 85.4 72.7 112.7

106 81.9 70.8 110.8



#10

Phenol

Concen: 35.93 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

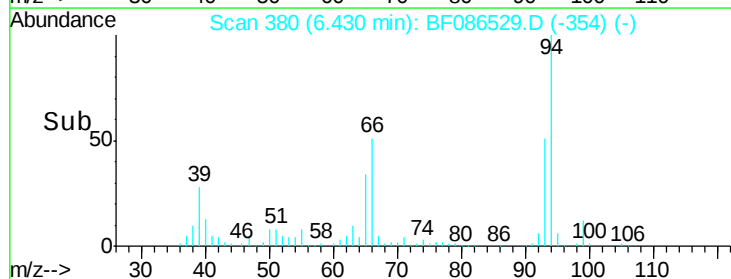
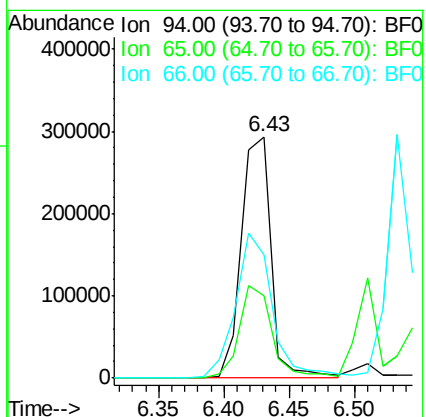
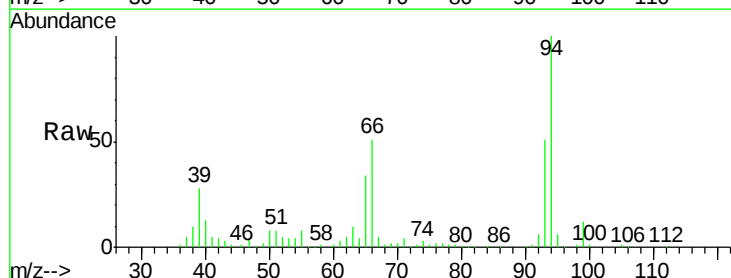
Tgt Ion: 94 Resp: 465389

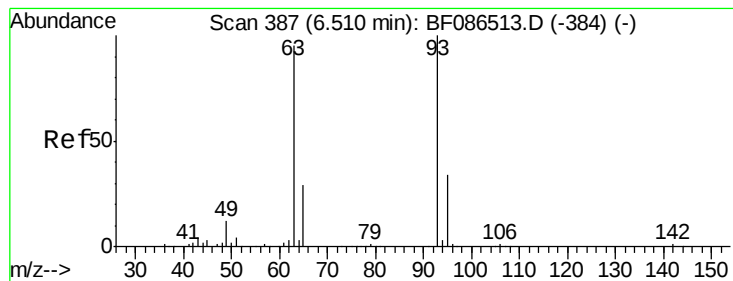
Ion Ratio Lower Upper

94 100

65 34.0 7.2 47.2

66 51.3 14.9 54.9

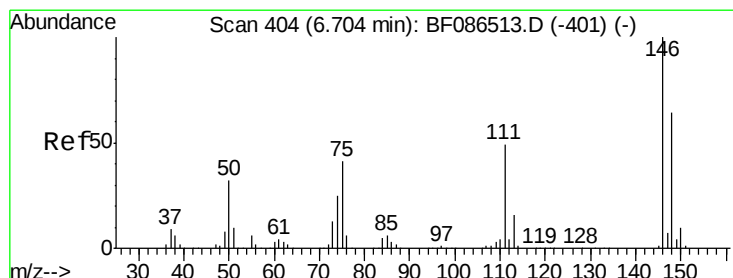
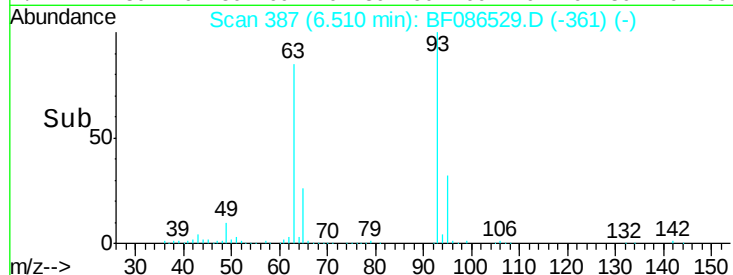
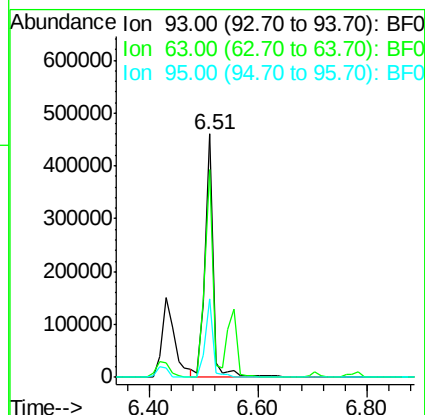
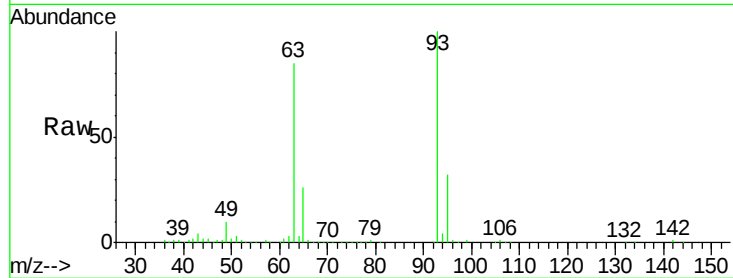




#11
 bis(2-Chloroethyl)ether
 Concen: 41.79 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

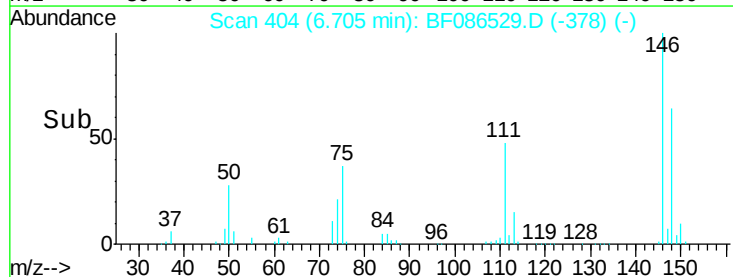
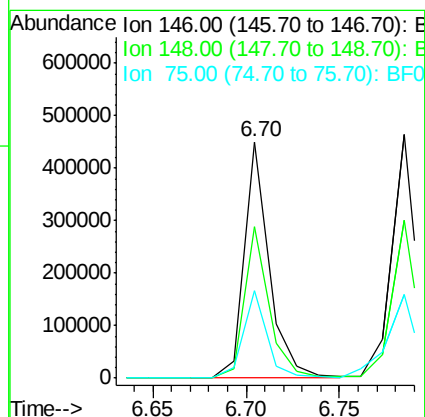
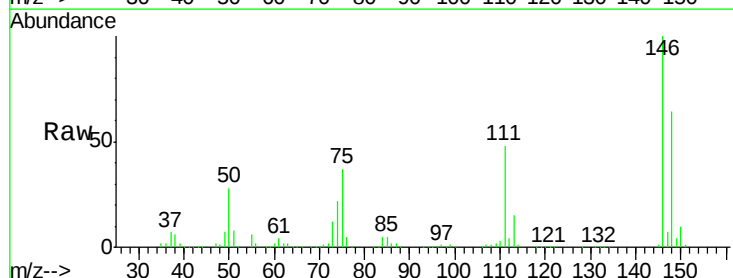
Instrument :
 BNA_F
 ClientSampleId :

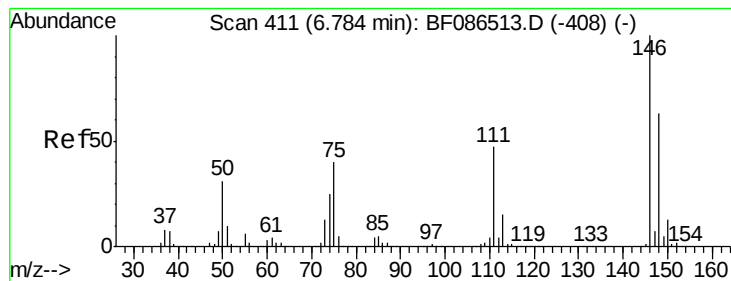
Tot Ion: 93 Resp: 467966
 Ion Ratio Lower Upper
 93 100
 63 85.4 58.0 98.0
 95 32.4 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 37.99 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion: 146 Resp: 423393
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.4 78.6
 75 36.9 22.8 34.2#





#13

1,4-Dichlorobenzene

Concen: 39.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

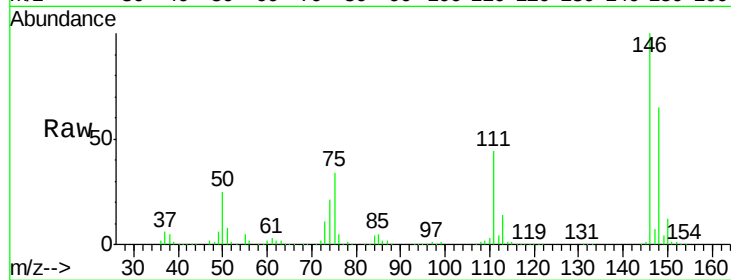
Tot Ion:146 Resp: 448534

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.4

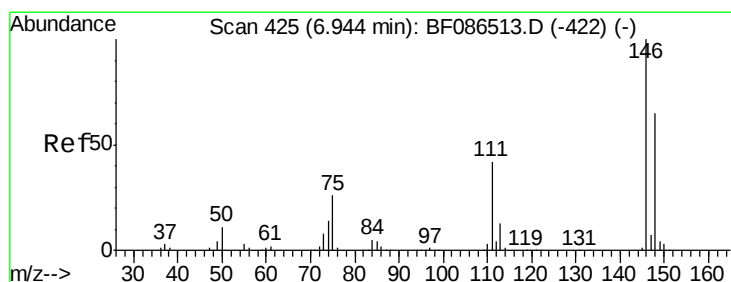
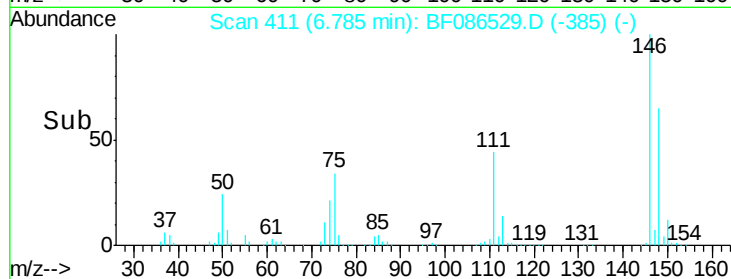
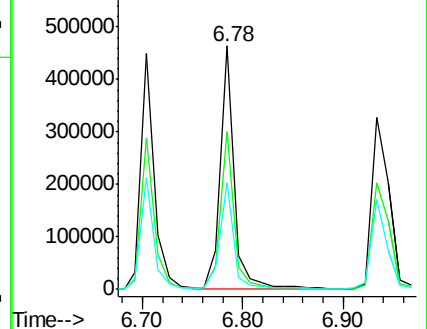
111 43.9 30.7 46.1



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: 38.11 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

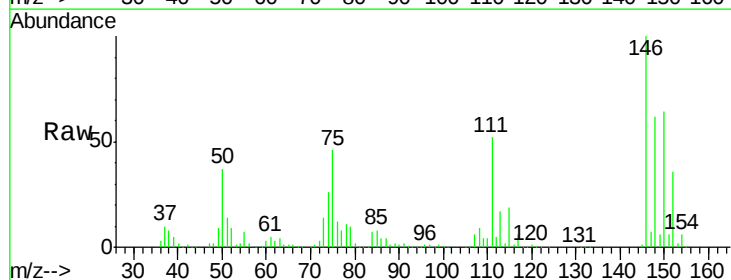
Tgt Ion:146 Resp: 401958

Ion Ratio Lower Upper

146 100

148 62.1 51.0 76.6

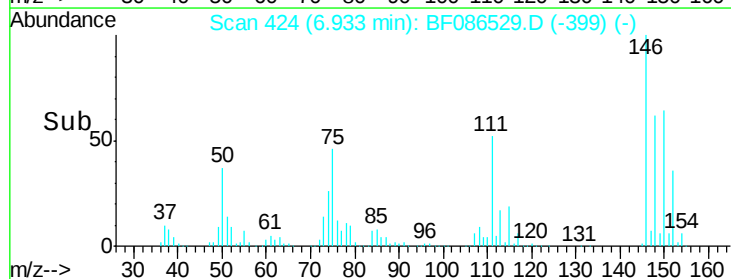
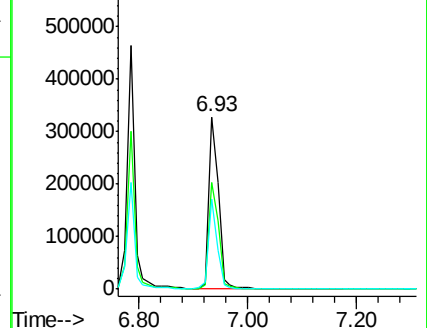
111 52.0 36.2 54.4

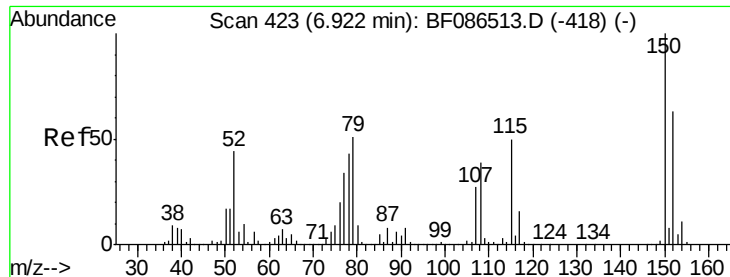


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

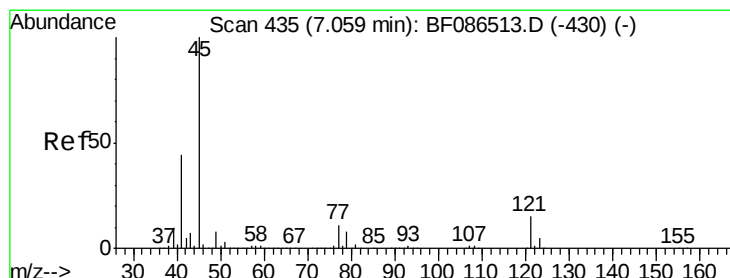
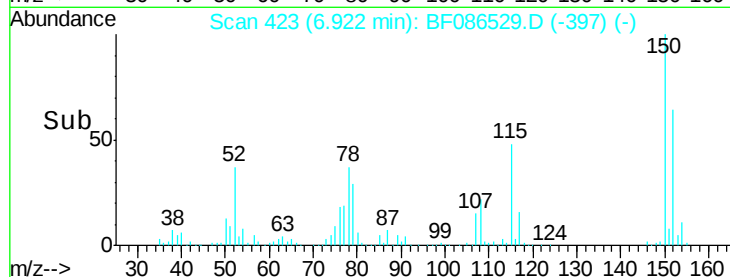
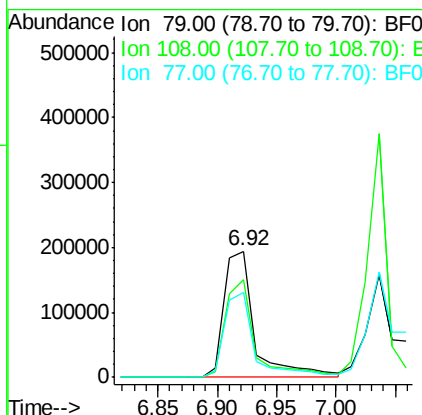
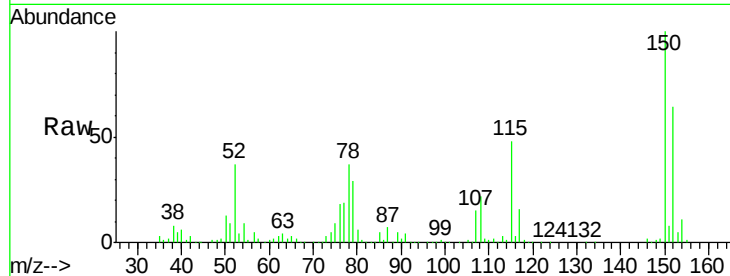




#15
Benzyl Alcohol
Concen: 47.44 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

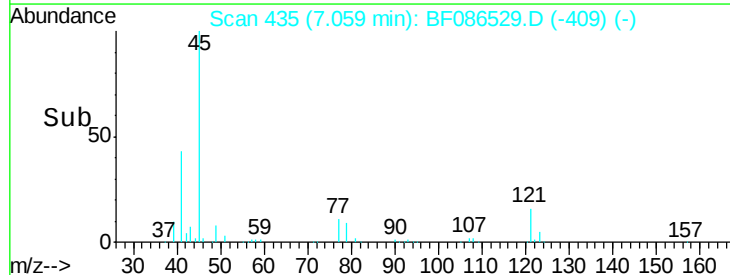
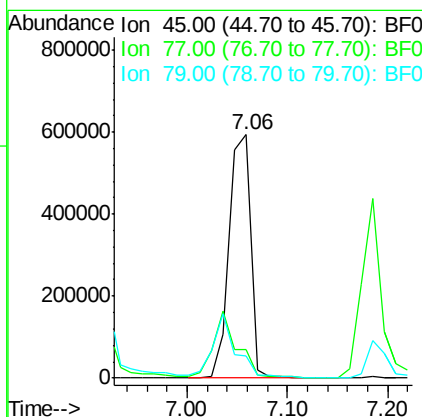
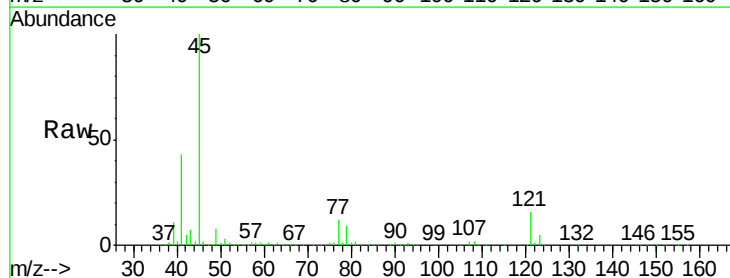
Instrument :
BNA_F
ClientSampleId :

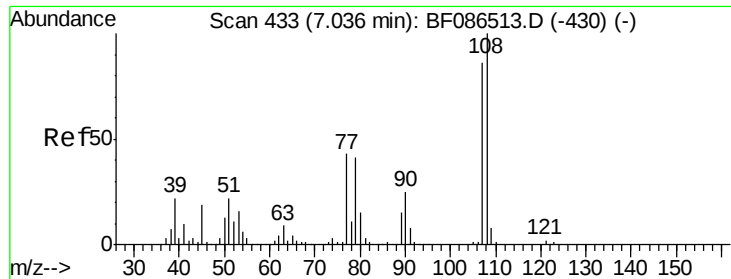
Tot Ion: 79 Resp: 348433
Ion Ratio Lower Upper
79 100
108 77.5 68.4 102.6
77 66.9 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.65 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion: 45 Resp: 888744
Ion Ratio Lower Upper
45 100
77 11.6 0.0 36.4
79 9.4 0.0 33.4





#17

2-Methylphenol

Concen: 44.47 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 372441

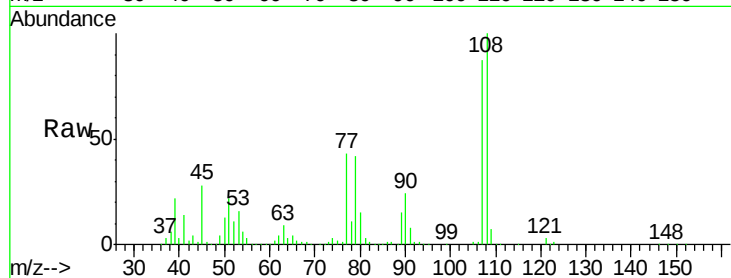
Ion Ratio Lower Upper

107 100

108 115.2 93.7 140.5

77 49.9 33.4 50.0

79 48.4 34.3 51.5

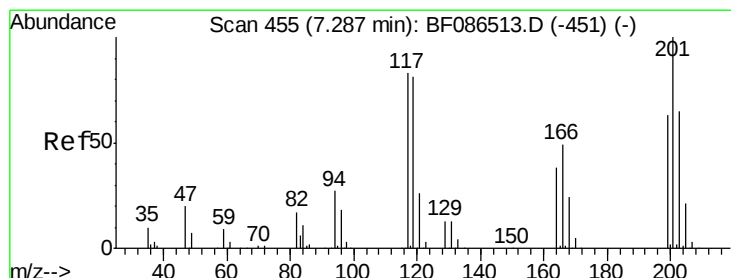
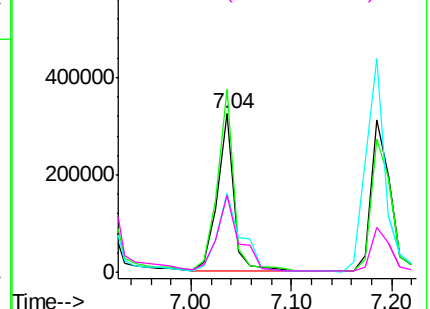
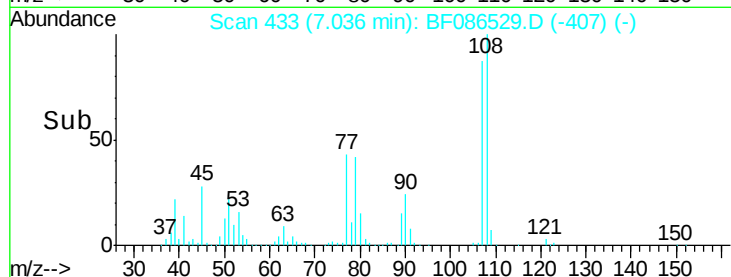


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.70 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

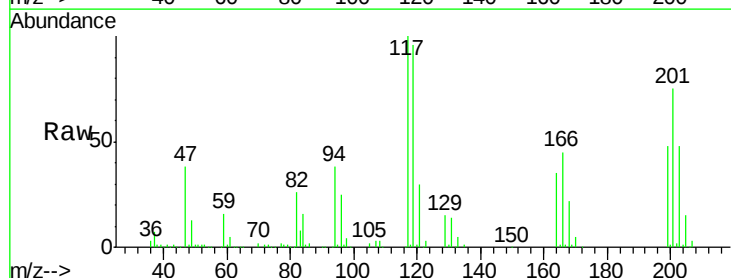
Tgt Ion:117 Resp: 161997

Ion Ratio Lower Upper

117 100

119 95.5 76.5 114.7

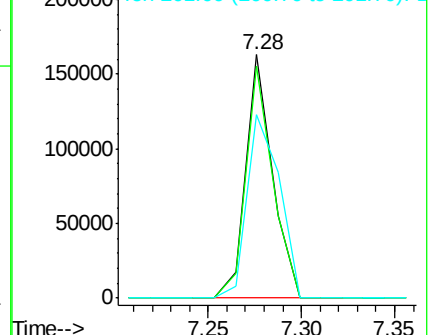
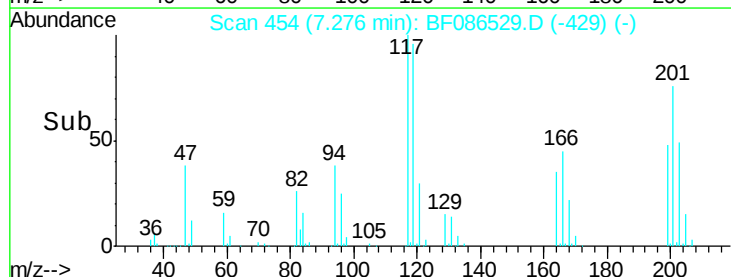
201 75.4 63.0 94.6

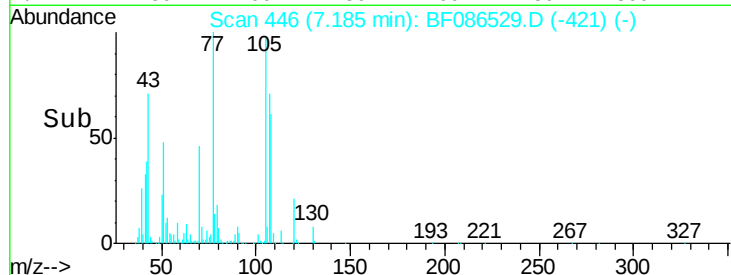
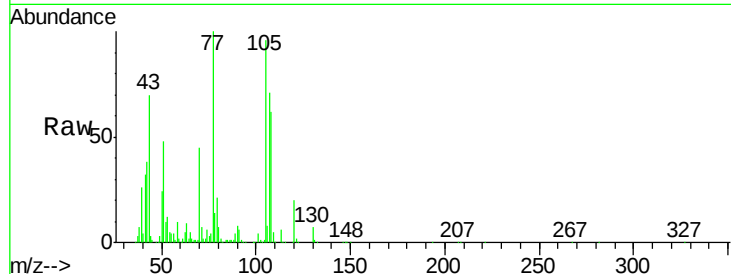
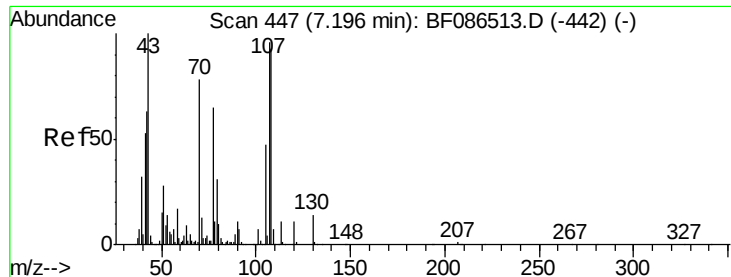


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

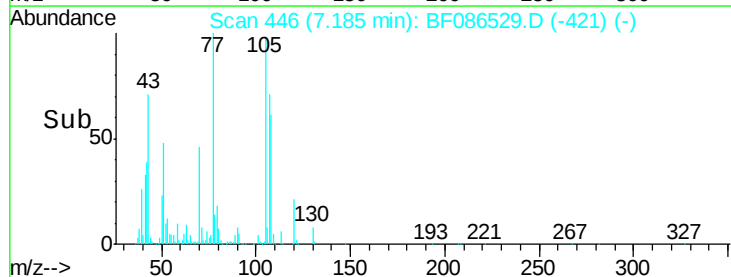
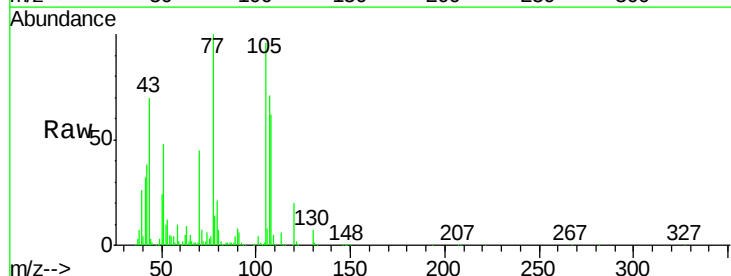
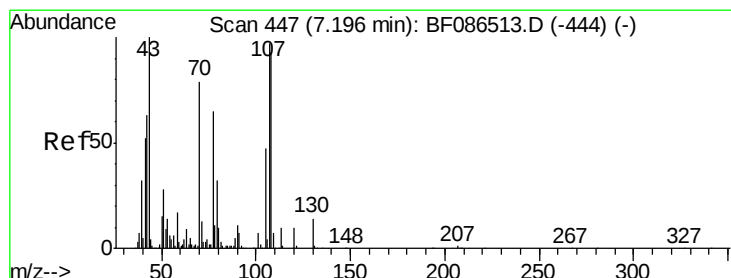
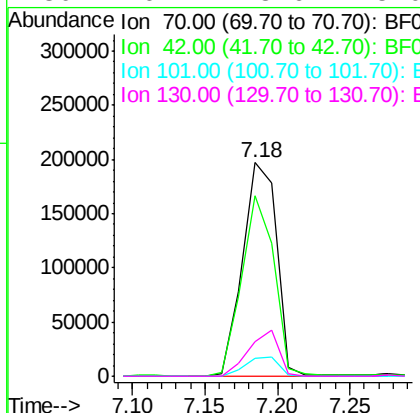




#19
n-Nitroso-di-n-propylamine
Concen: 41.91 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

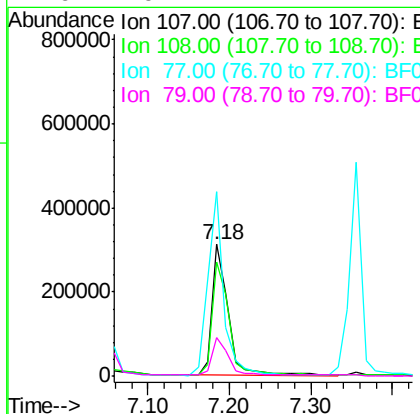
Instrument :
BNA_F
ClientSampleId :

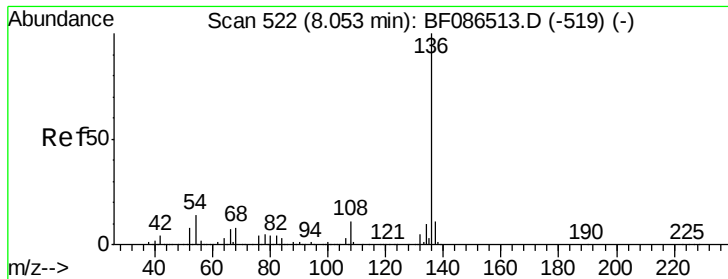
Tot Ion: 70 Resp: 321637
Ion Ratio Lower Upper
70 100
42 84.6 43.1 64.7#
101 8.5 8.1 12.1
130 16.4 18.6 28.0#



#20
3+4-Methylphenols
Concen: 44.98 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion:107 Resp: 430145
Ion Ratio Lower Upper
107 100
108 87.2 68.5 108.5
77 140.2 101.6 141.6
79 29.4 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 623771

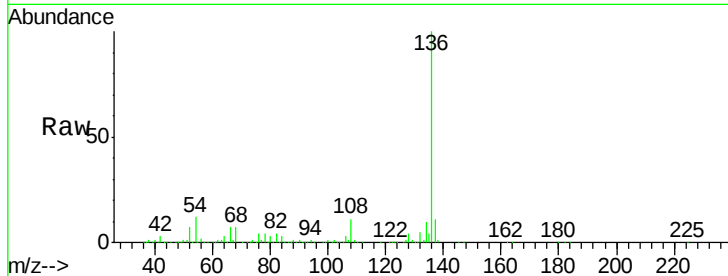
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 12.2 5.0 7.4#

68 7.3 4.4 6.6#

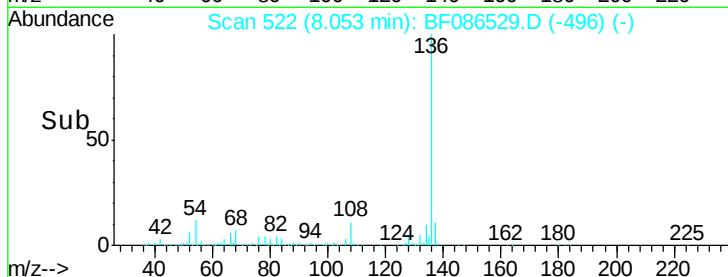


Abundance Ion 136.00 (135.70 to 136.70): E

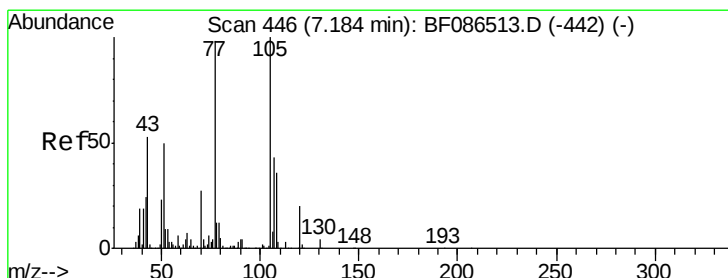
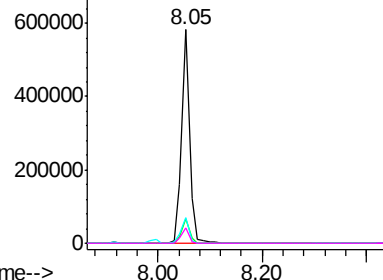
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.08 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion:105 Resp: 589296

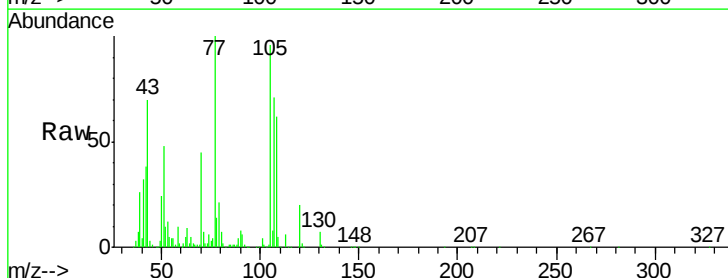
Ion Ratio Lower Upper

105 100

71 7.7 4.8 7.2#

51 50.1 32.6 49.0#

120 20.9 16.5 24.7

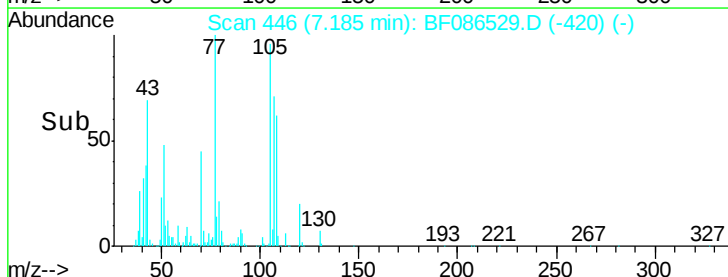


Abundance Ion 105.00 (104.70 to 105.70): E

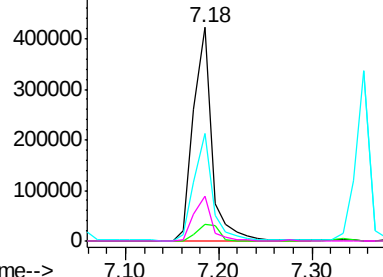
Ion 71.00 (70.70 to 71.70): BF0

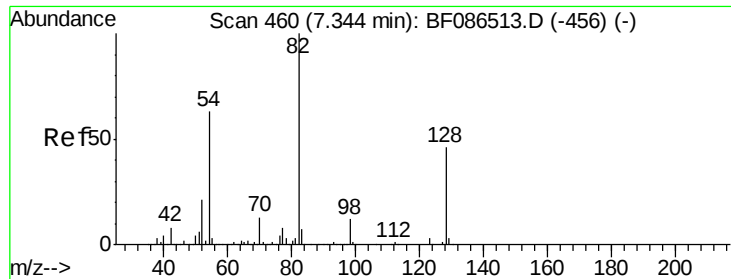
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

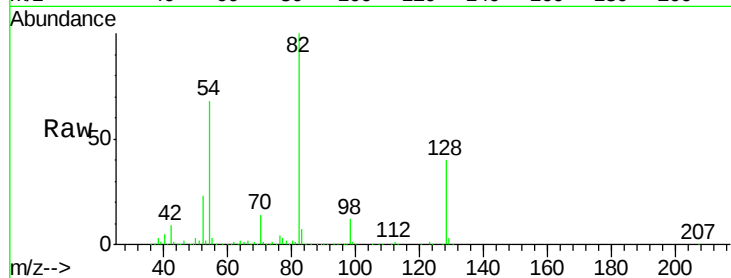




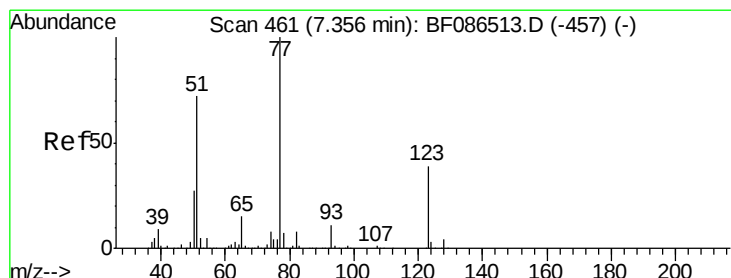
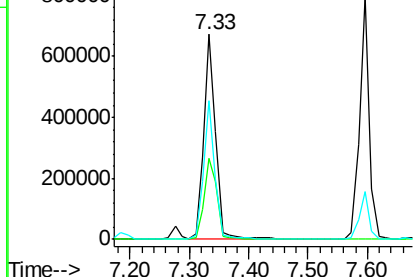
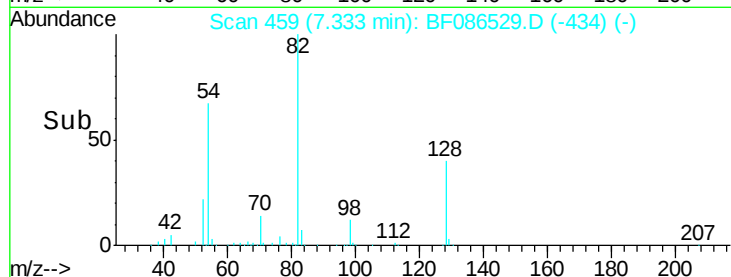
#23
 Nitrobenzene-d5
 Concen: 83.63 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 967830
 Ion Ratio Lower Upper
 82 100
 128 39.5 40.6 61.0#
 54 67.7 38.1 57.1#

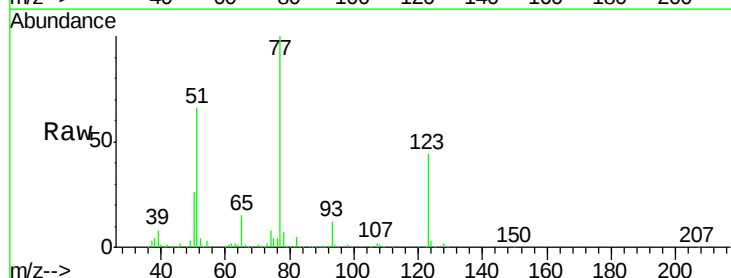


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

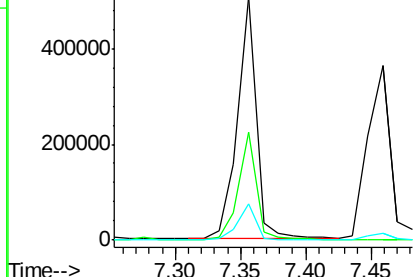
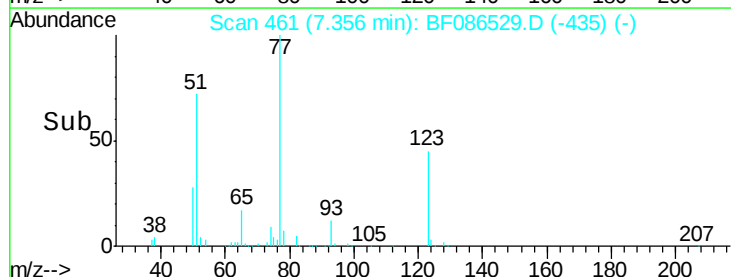


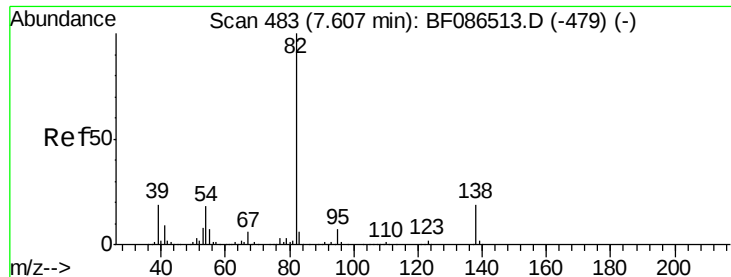
#24
 Nitrobenzene
 Concen: 42.41 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion: 77 Resp: 504920
 Ion Ratio Lower Upper
 77 100
 123 44.3 33.0 49.4
 65 14.7 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.12 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

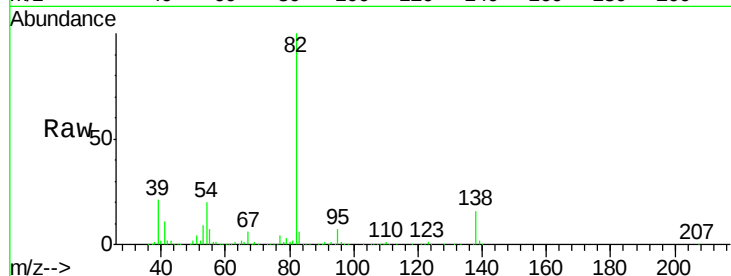
Tot Ion: 82 Resp: 893501

Ion Ratio Lower Upper

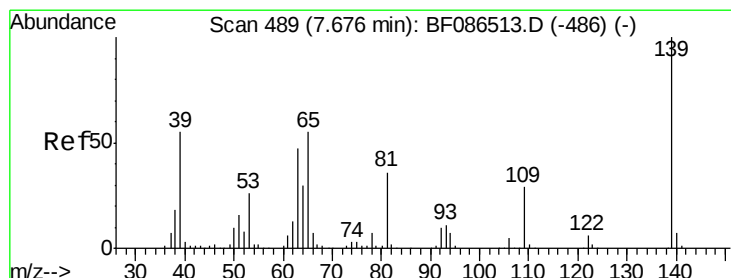
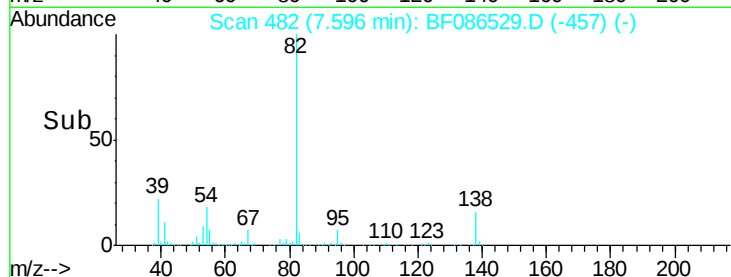
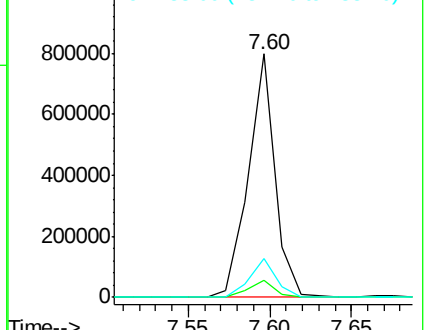
82 100

95 6.8 5.1 7.7

138 16.0 12.4 18.6



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): BF0



#26

2-Nitrophenol

Concen: 42.60 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

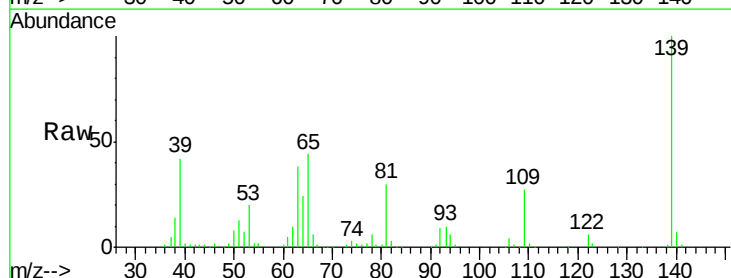
Tgt Ion: 139 Resp: 233487

Ion Ratio Lower Upper

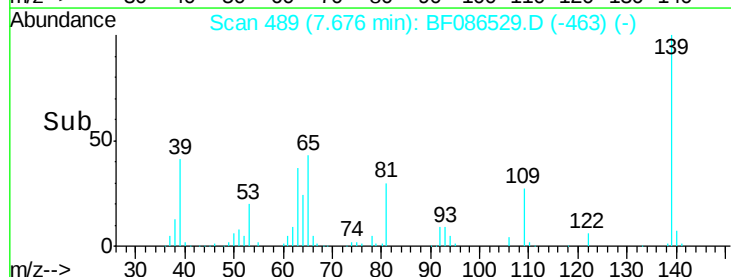
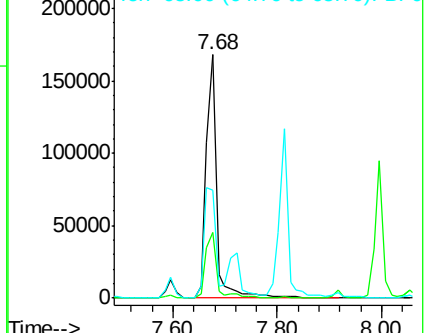
139 100

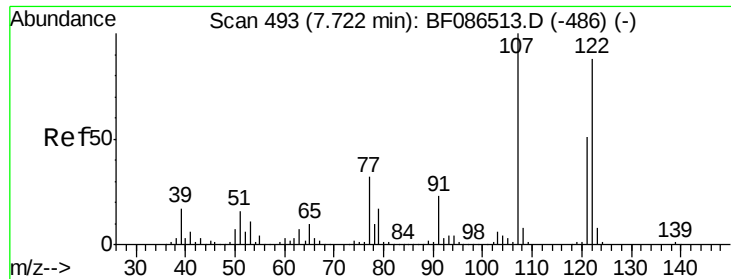
109 27.0 19.5 29.3

65 44.1 37.5 56.3



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

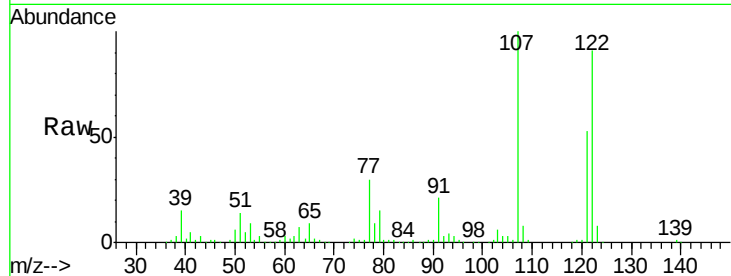




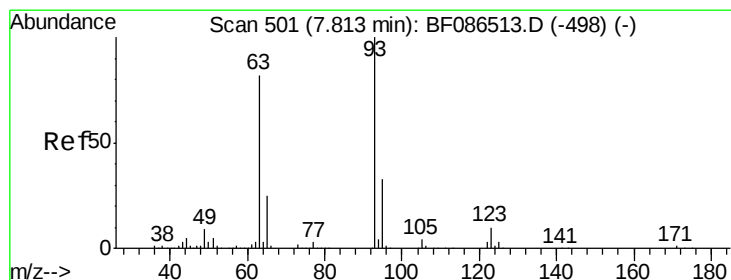
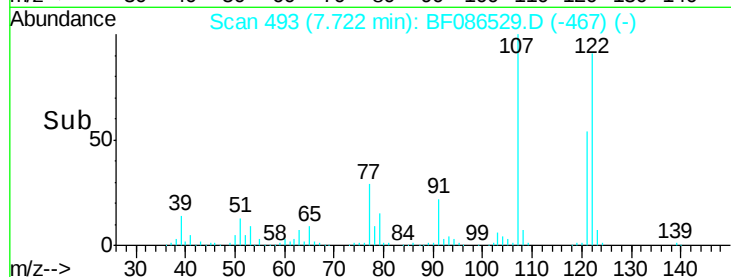
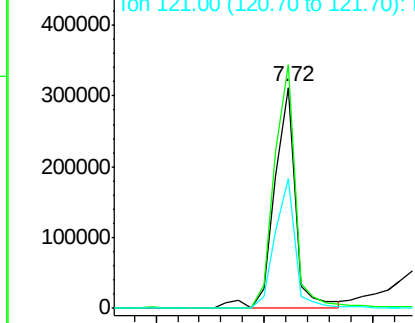
#27
 2,4-Dimethylphenol
 Concen: 43.76 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 420879
 Ion Ratio Lower Upper
 122 100
 107 110.1 82.0 123.0
 121 58.7 46.1 69.1

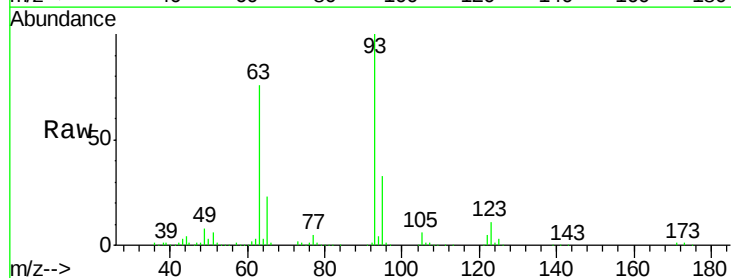


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

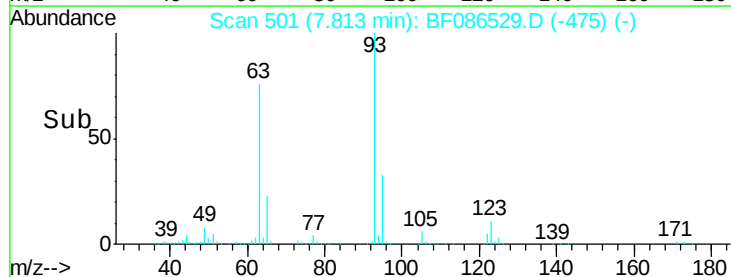
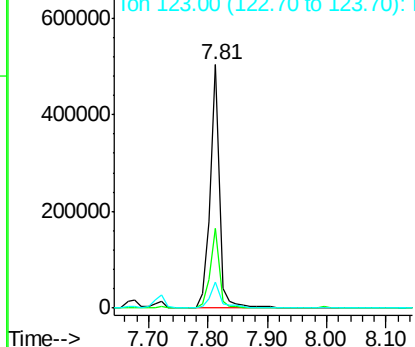


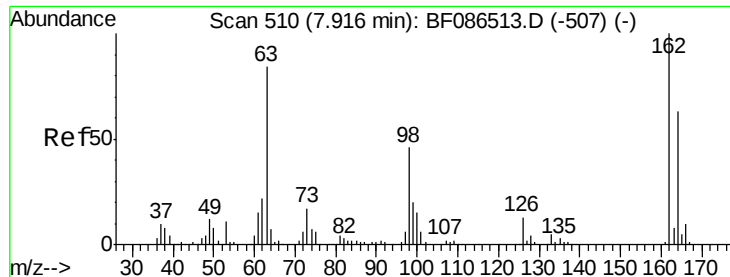
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.26 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion: 93 Resp: 549113
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 10.8 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

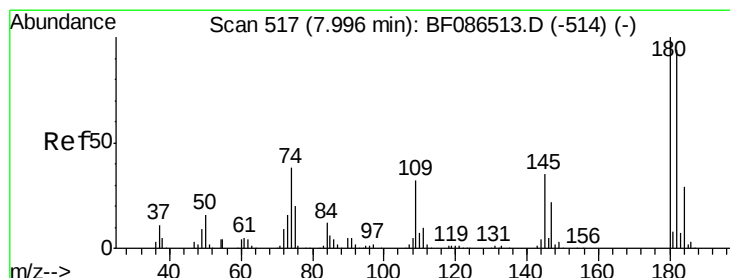
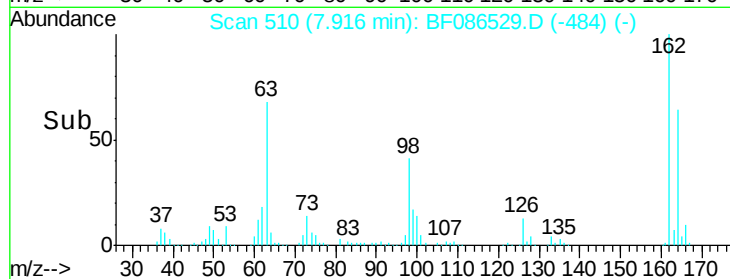
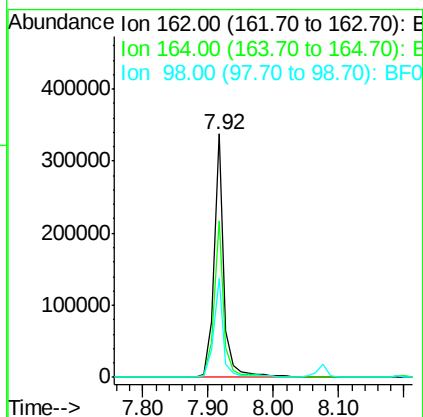
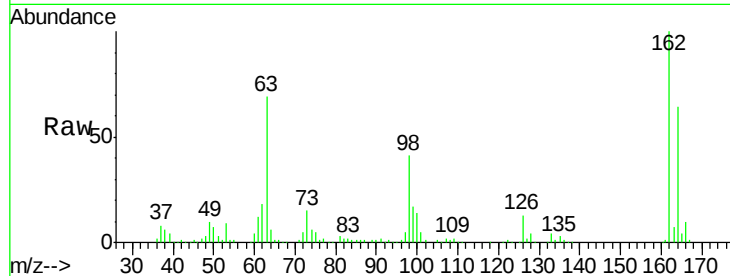




#29
2,4-Dichlorophenol
Concen: 45.10 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

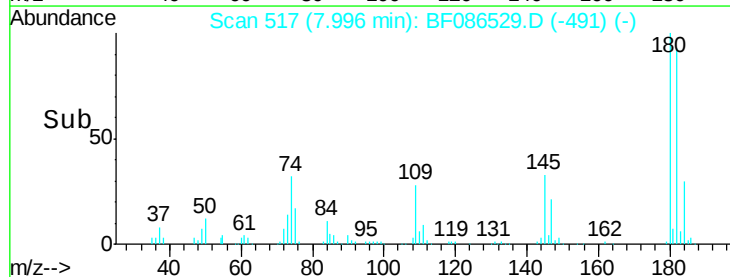
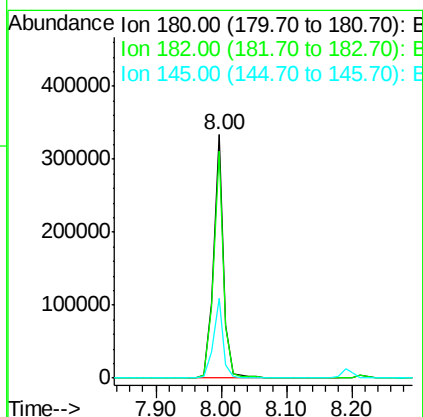
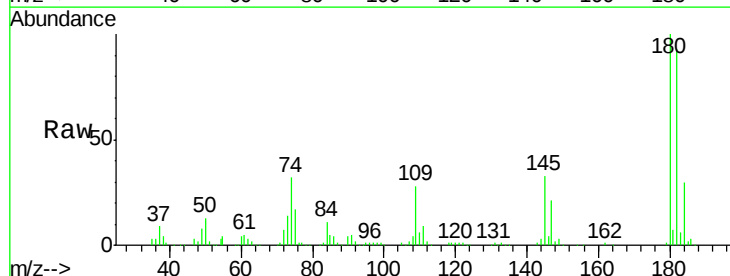
Instrument :
BNA_F
ClientSampleId :

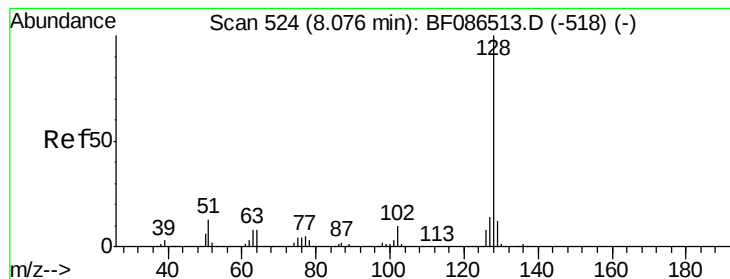
Tot Ion:162 Resp: 365933
Ion Ratio Lower Upper
162 100
164 64.3 42.2 82.2
98 40.8 19.0 59.0



#30
1,2,4-Trichlorobenzene
Concen: 38.79 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion:180 Resp: 365106
Ion Ratio Lower Upper
180 100
182 93.4 78.0 117.0
145 32.8 24.2 36.2





#31

Naphthalene

Concen: 39.89 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

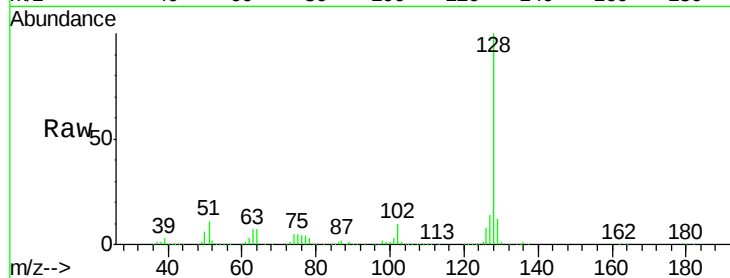
Tot Ion:128 Resp: 1266157

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

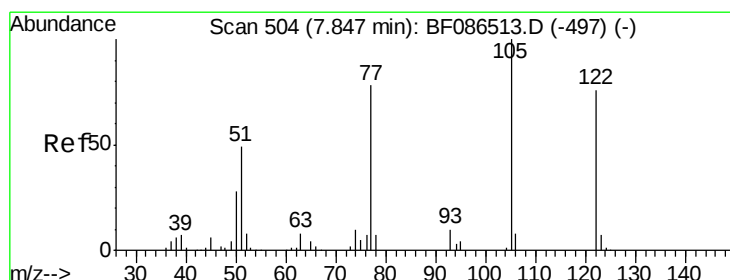
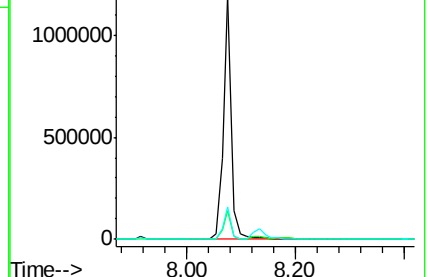
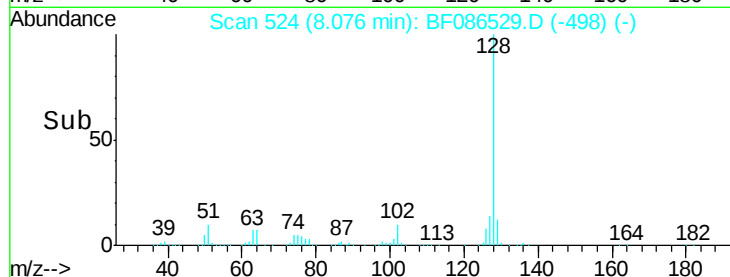
127 13.5 10.8 16.2



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: 34.55 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

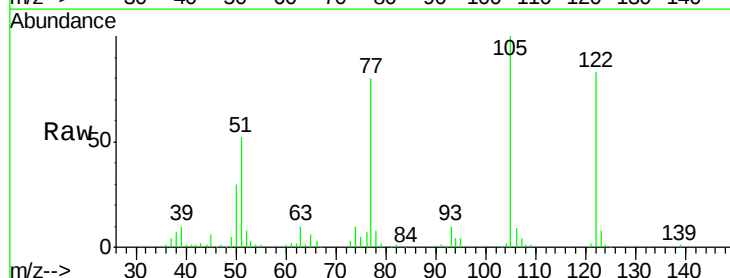
Tgt Ion:122 Resp: 183681

Ion Ratio Lower Upper

122 100

105 120.6 92.6 132.6

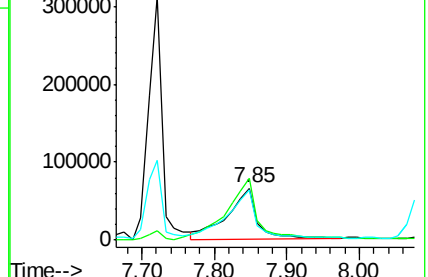
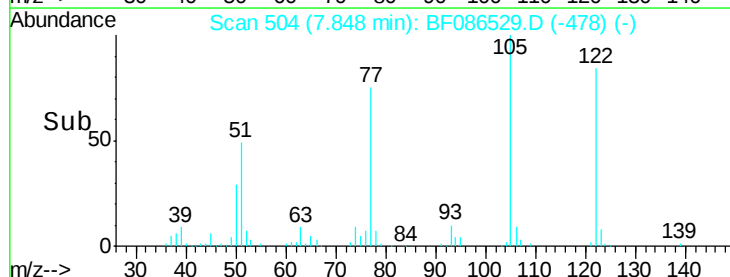
77 96.8 60.0 100.0

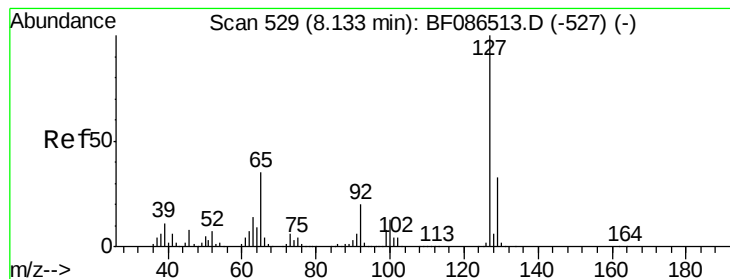


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 8.44 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 100370

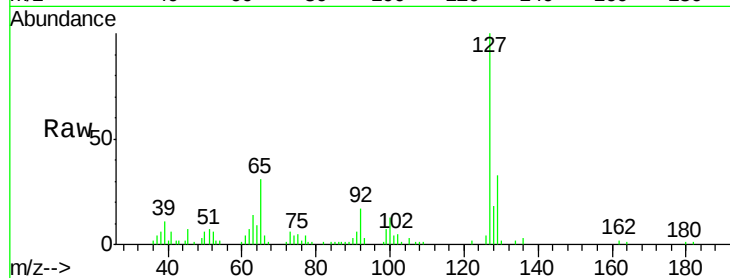
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 30.6 23.0 34.4

92 16.8 15.1 22.7

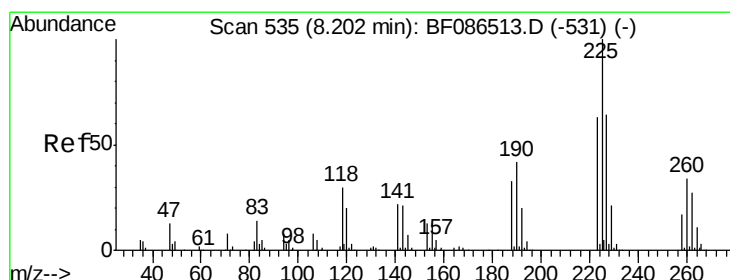
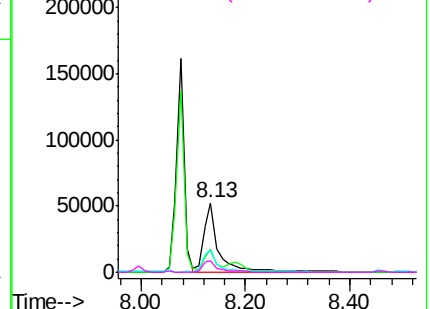
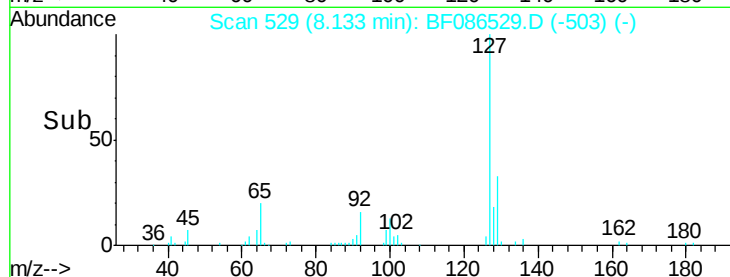


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.02 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

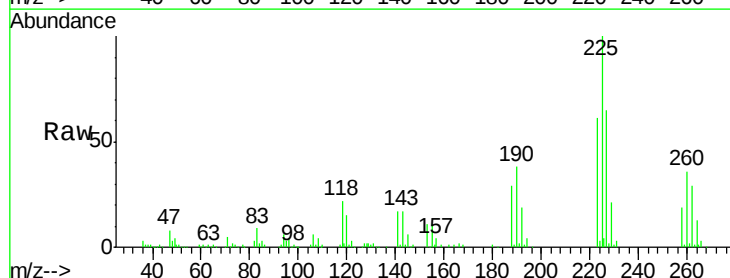
Tgt Ion:225 Resp: 195327

Ion Ratio Lower Upper

225 100

223 61.0 51.5 77.3

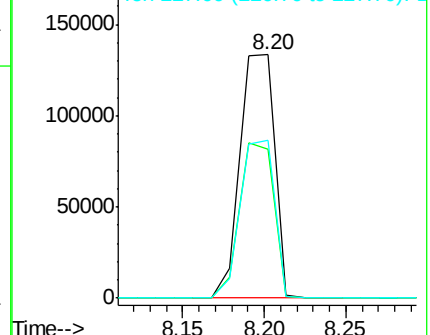
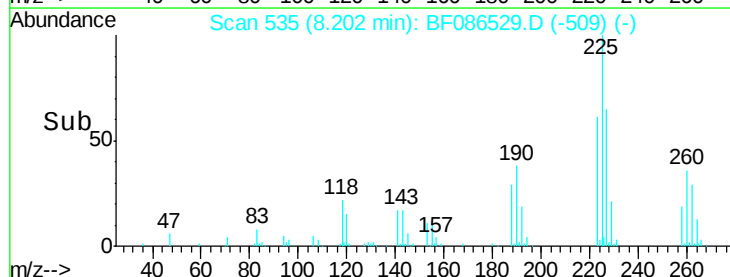
227 65.0 52.2 78.2

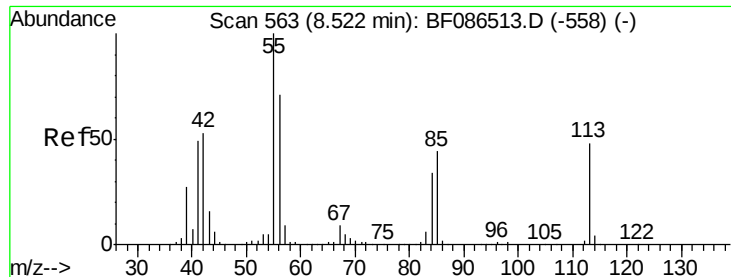


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

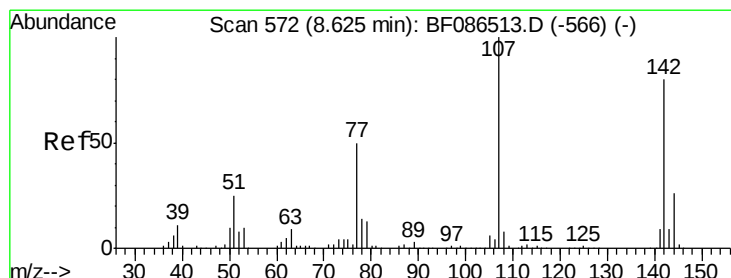
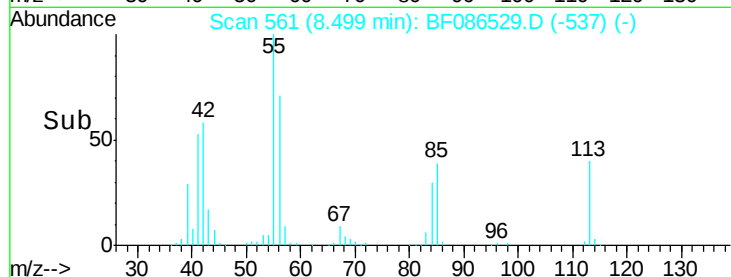
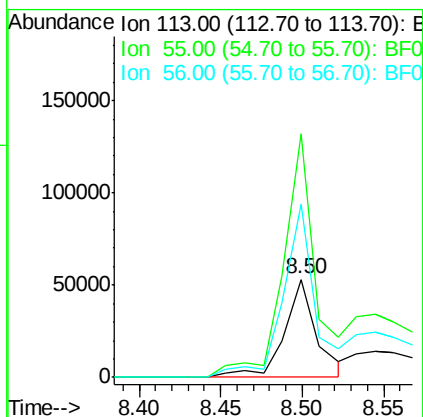
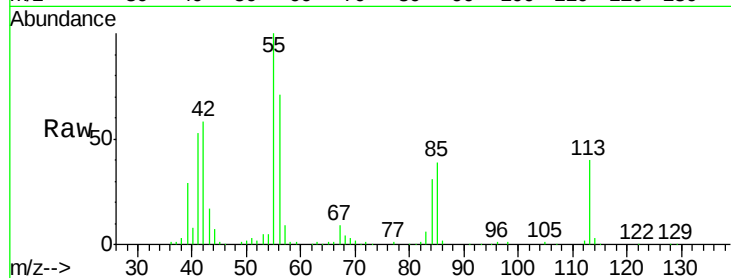




#35
Caprolactam
Concen: 27.13 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

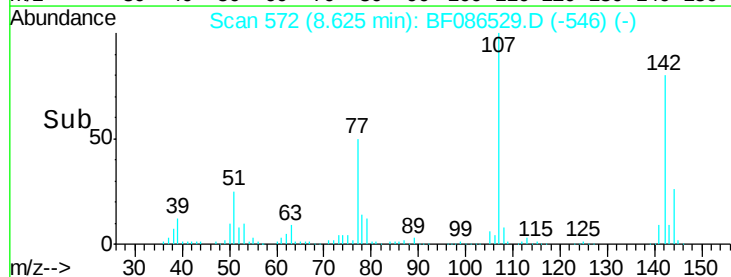
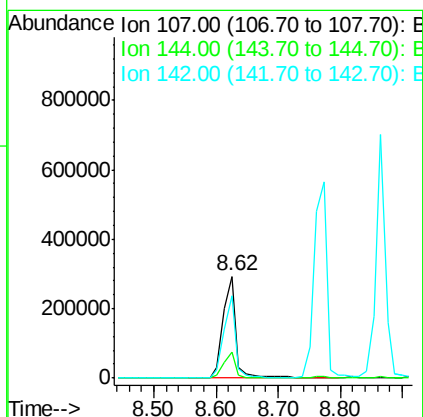
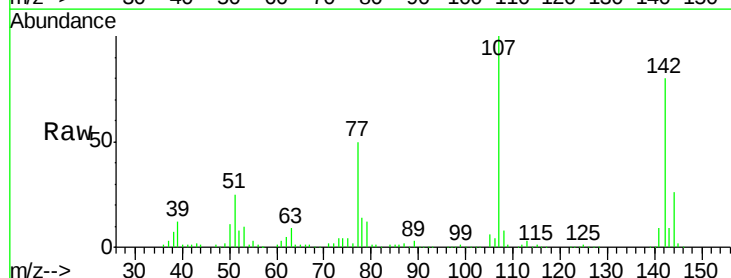
Instrument :
BNA_F
ClientSampled :

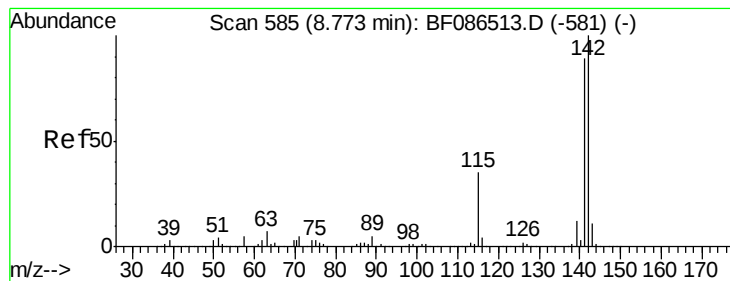
Tot Ion:113 Resp: 73436
Ion Ratio Lower Upper
113 100
55 248.0 162.0 202.0#
56 177.0 115.3 155.3#



#36
4-Chloro-3-methylphenol
Concen: 45.16 ng
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion:107 Resp: 419547
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 80.3 63.2 94.8





#37

2-Methylnaphthalene

Concen: 43.13 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

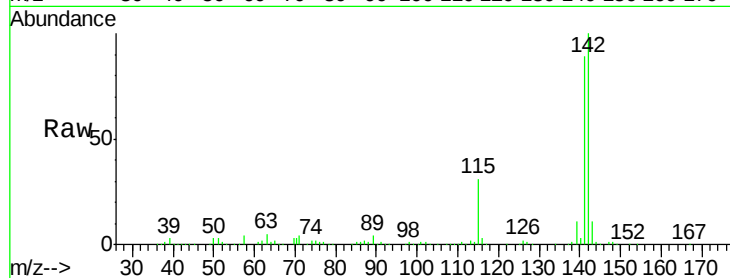
Tot Ion:142 Resp: 807764

Ion Ratio Lower Upper

142 100

141 89.2 71.0 106.6

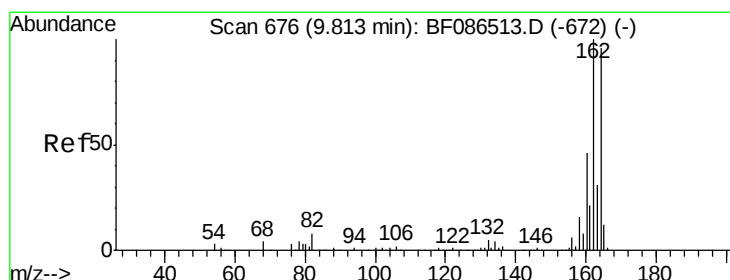
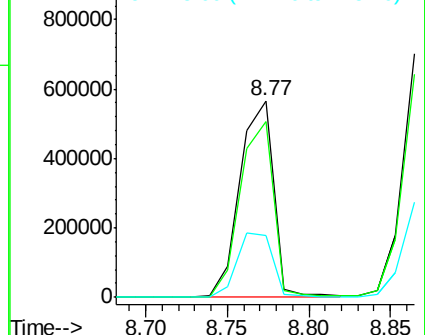
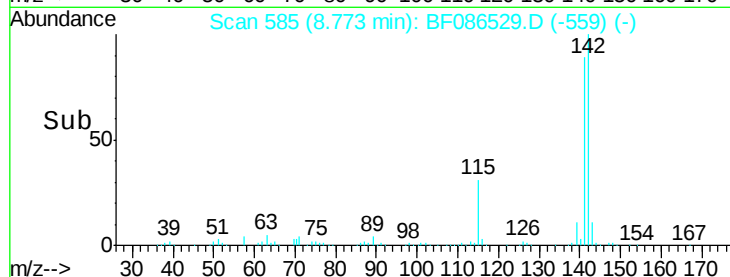
115 31.4 26.6 39.8



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# 675

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

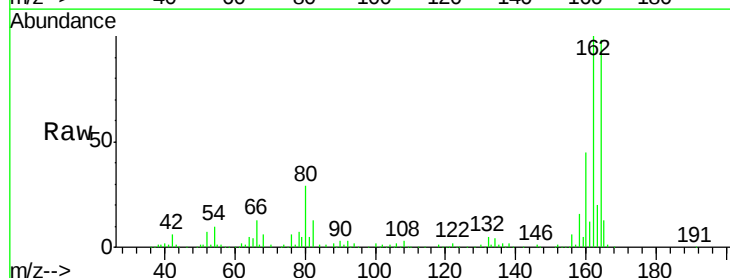
Tgt Ion:164 Resp: 305565

Ion Ratio Lower Upper

164 100

162 102.0 82.8 124.2

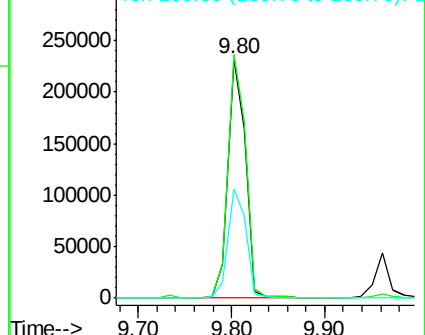
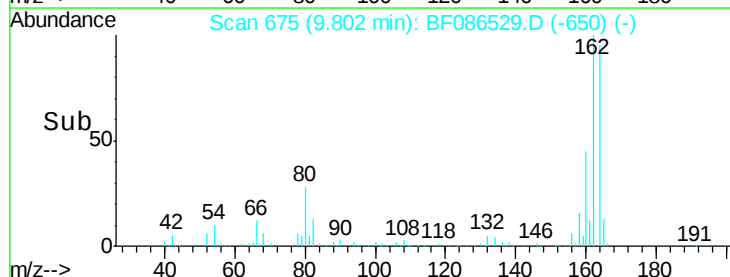
160 45.9 36.9 55.3

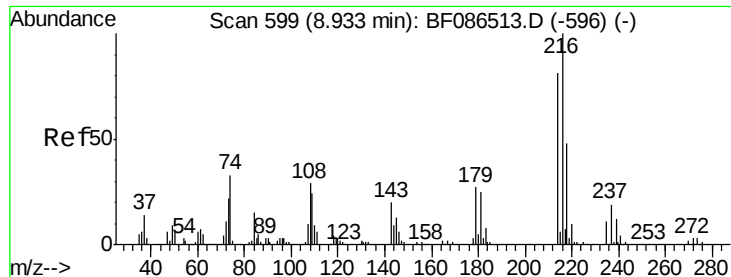


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.97 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 323369

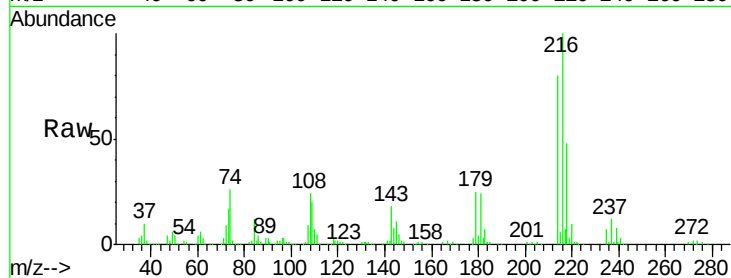
Ion Ratio Lower Upper

216 100

214 79.0 62.6 93.8

179 23.6 18.2 27.4

108 25.8 17.5 26.3

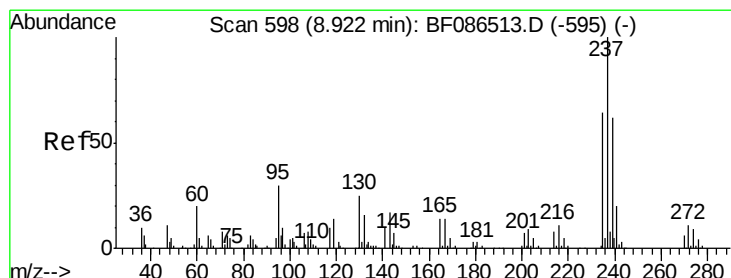
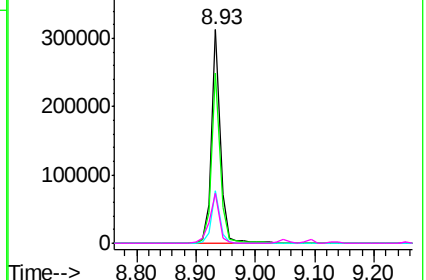
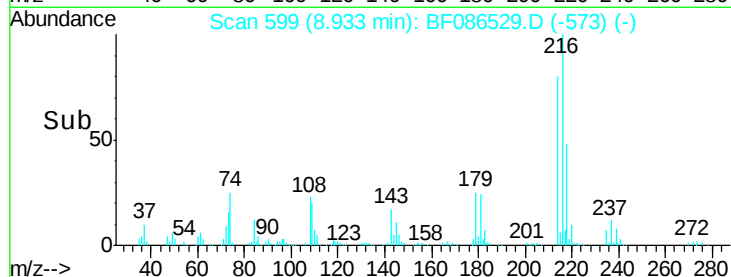


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.34 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

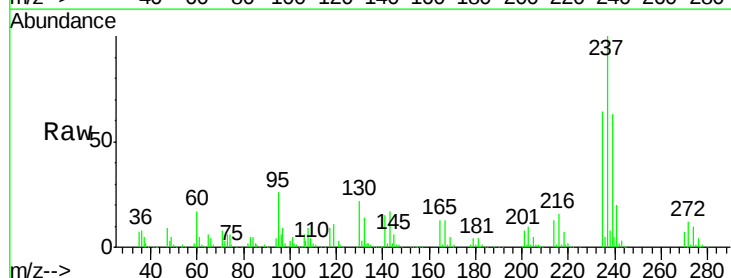
Tgt Ion:237 Resp: 336158

Ion Ratio Lower Upper

237 100

235 63.6 47.2 87.2

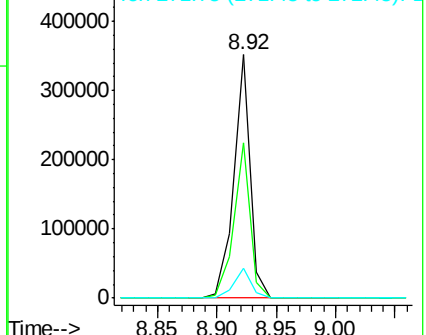
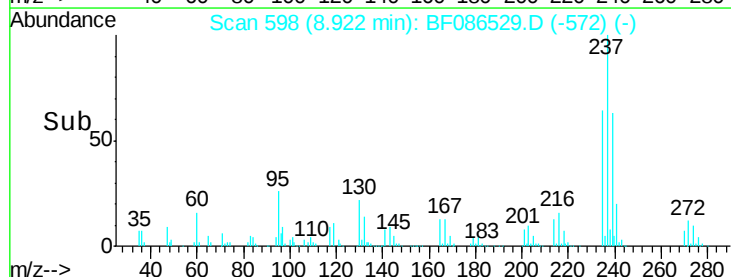
272 12.5 0.0 31.1

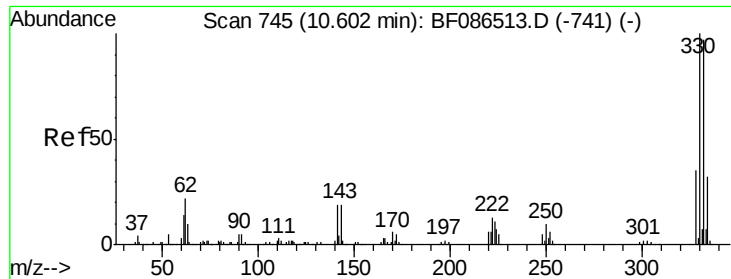


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

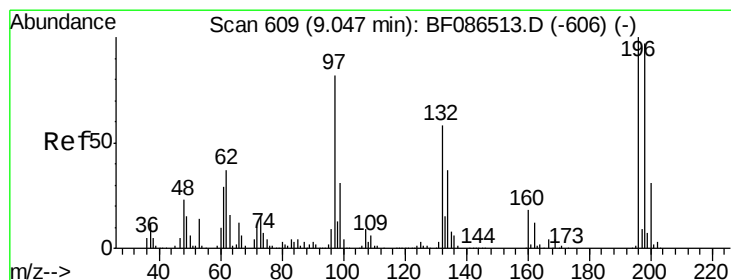
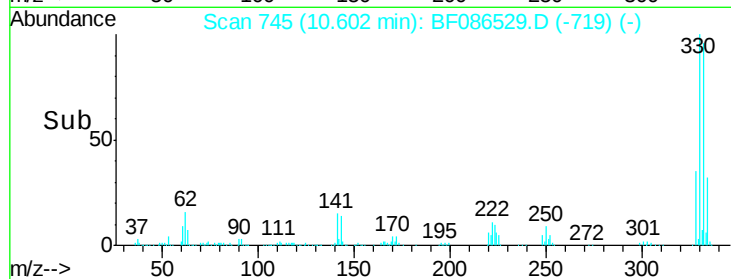
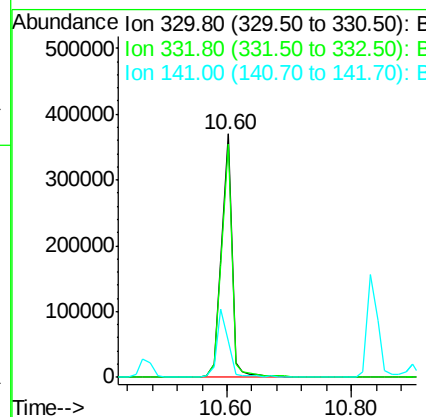
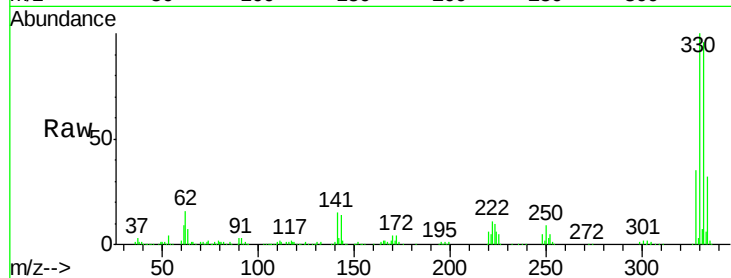




#41
 2,4,6-Tribromophenol
 Concen: 133.72 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

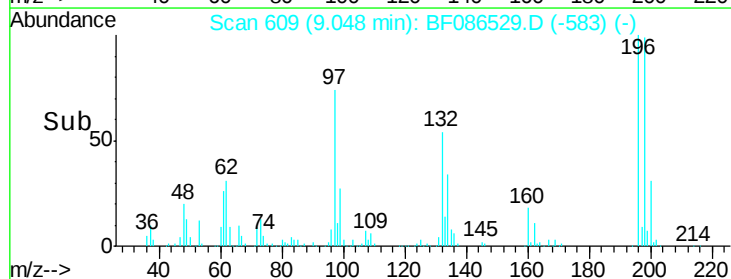
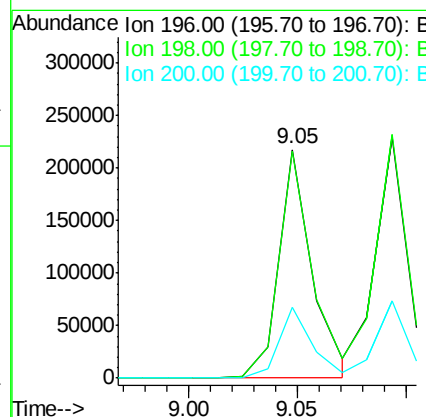
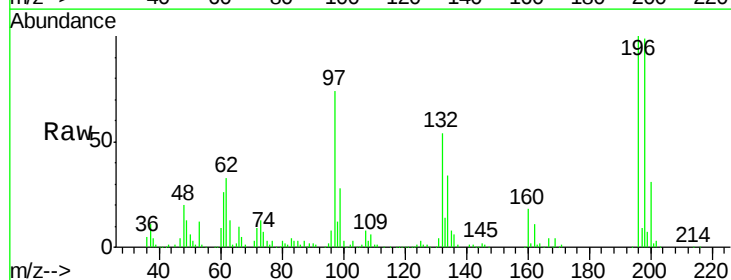
Instrument :
 BNA_F
 ClientSampleId :

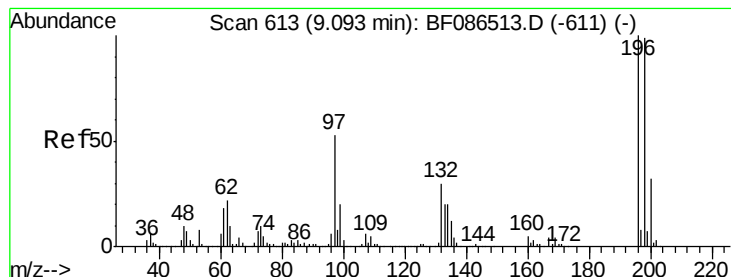
Tot Ion:330 Resp: 430900
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 29.4 31.2 46.8#



#42
 2,4,6-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:196 Resp: 234261
 Ion Ratio Lower Upper
 196 100
 198 99.2 74.7 112.1
 200 31.2 23.8 35.6





#43

2,4,5-Trichlorophenol

Concen: 40.75 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

Tot Ion:196 Resp: 245572

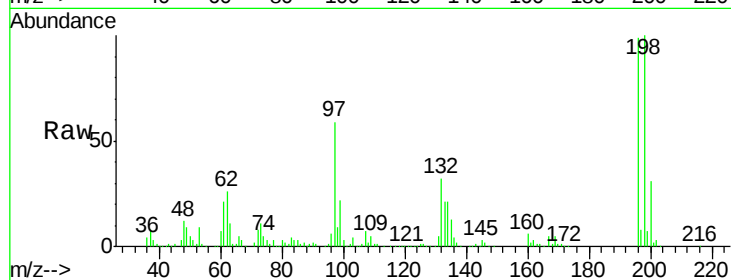
Ion Ratio Lower Upper

196 100

198 100.9 77.5 116.3

97 59.2 34.8 52.2#

132 32.8 23.0 34.4

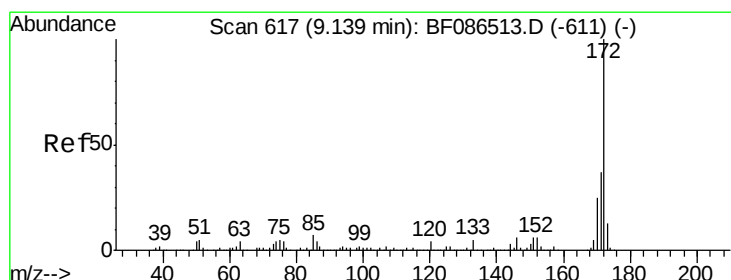
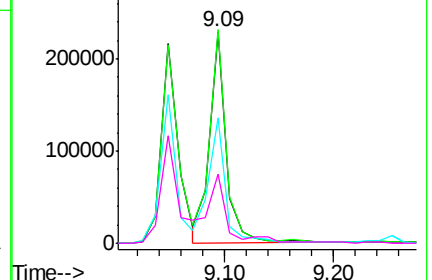
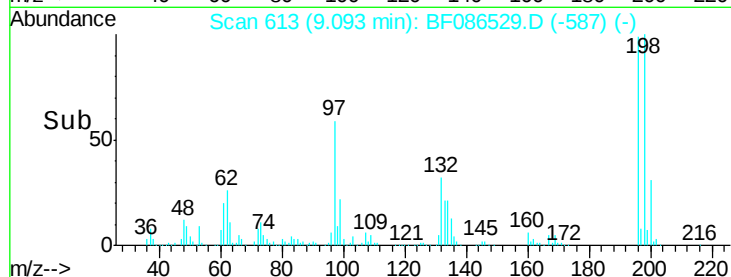


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 97.33 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

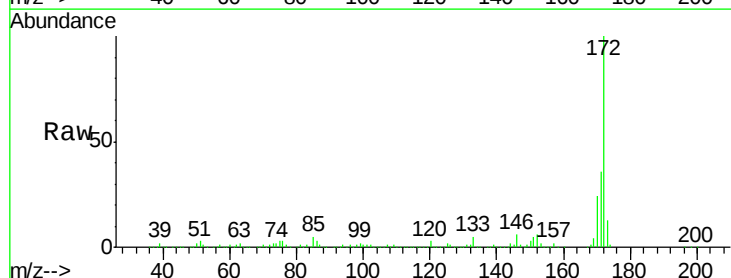
Tgt Ion:172 Resp: 1648704

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

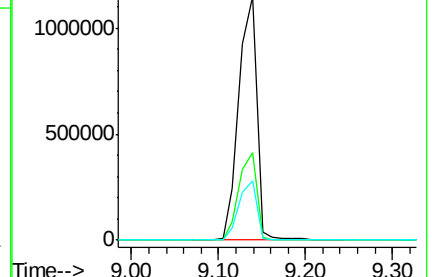
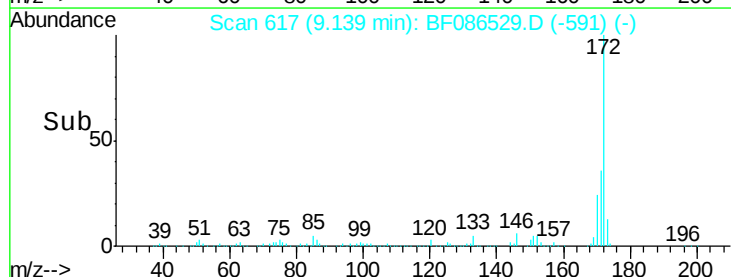
170 24.1 19.8 29.8

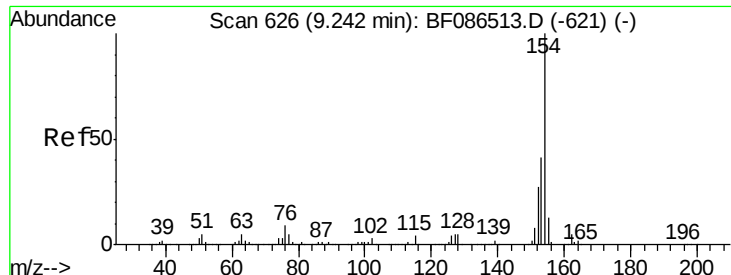


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

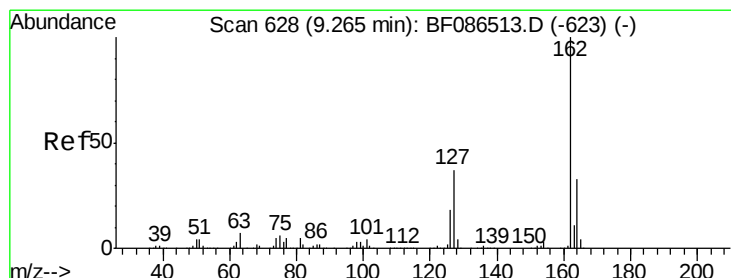
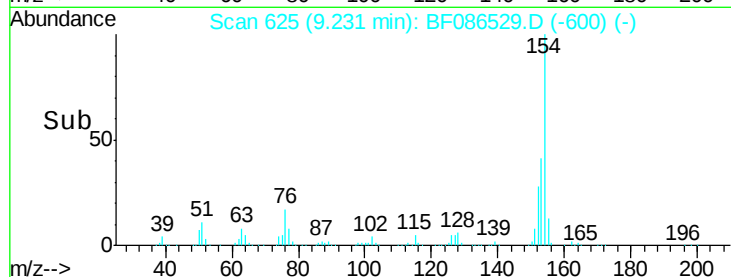
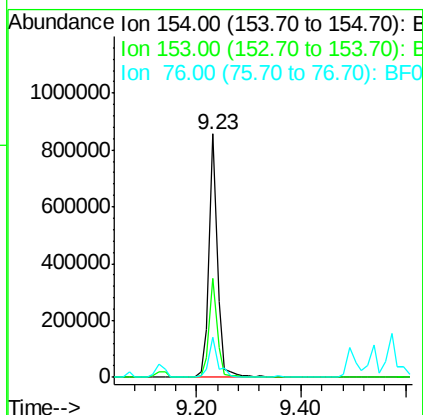
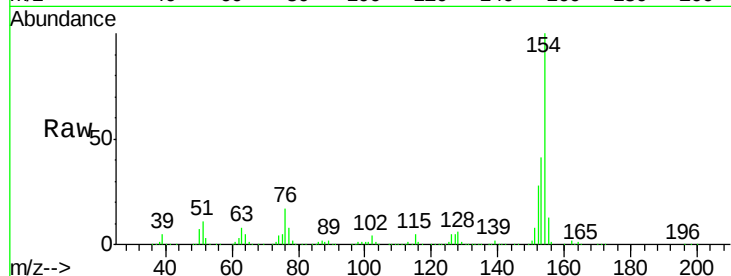




#45
 1,1'-Biphenyl
 Concen: 37.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

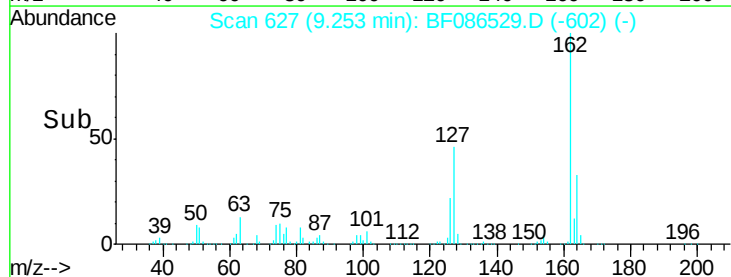
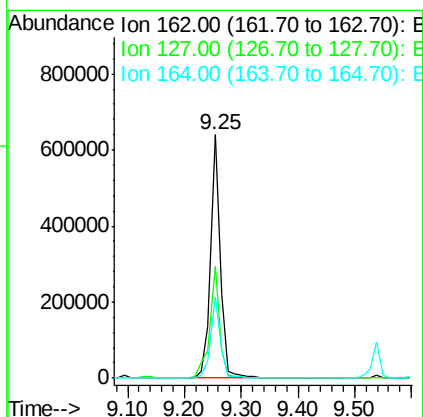
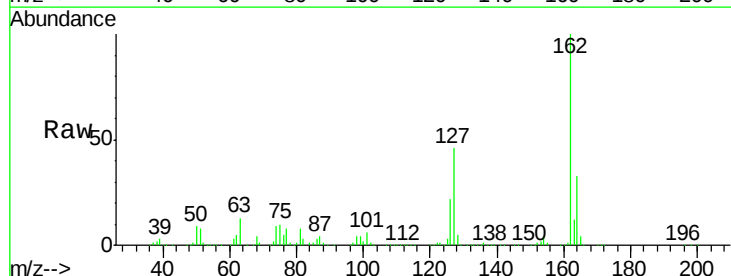
Instrument :
 BNA_F
 ClientSampleId :

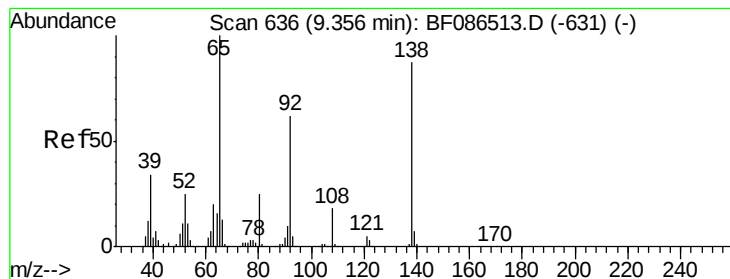
Tot Ion:154 Resp: 962071
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.3 60.3
 76 16.5 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 37.95 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:162 Resp: 737002
 Ion Ratio Lower Upper
 162 100
 127 46.1 31.8 47.6
 164 33.2 27.0 40.6





#47

2-Nitroaniline

Concen: 47.33 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

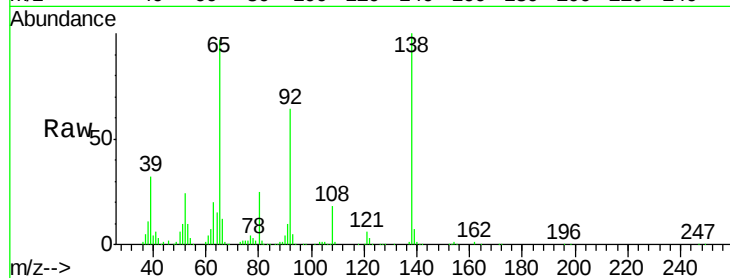
Tot Ion: 65 Resp: 294723

Ion Ratio Lower Upper

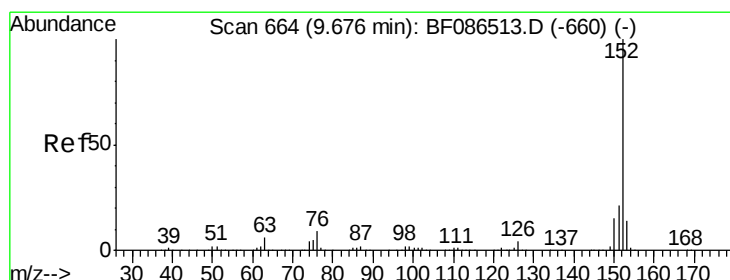
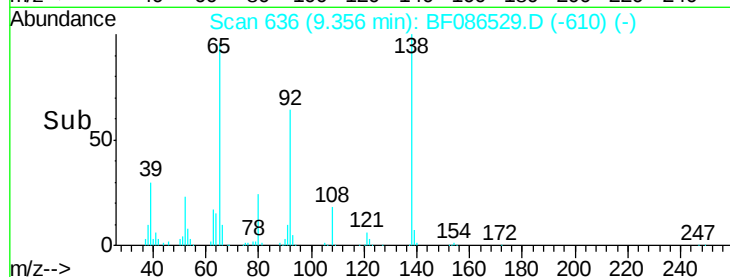
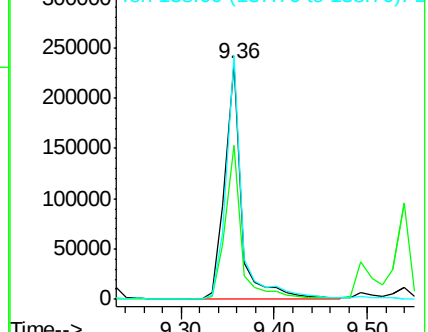
65 100

92 65.7 57.4 86.2

138 103.4 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.03 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

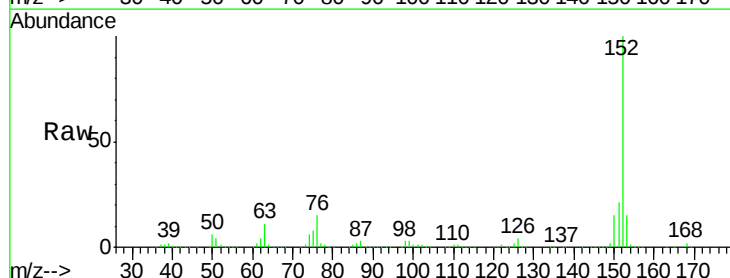
Tgt Ion: 152 Resp: 1154454

Ion Ratio Lower Upper

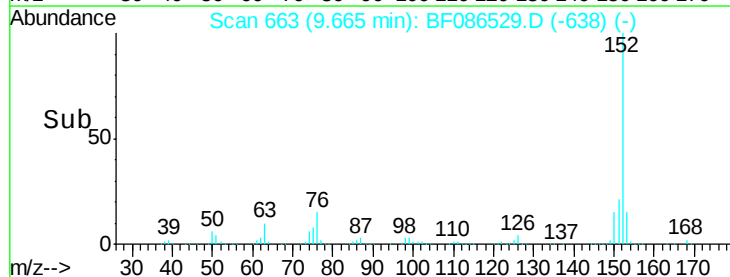
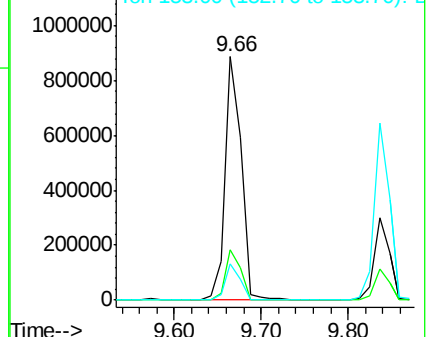
152 100

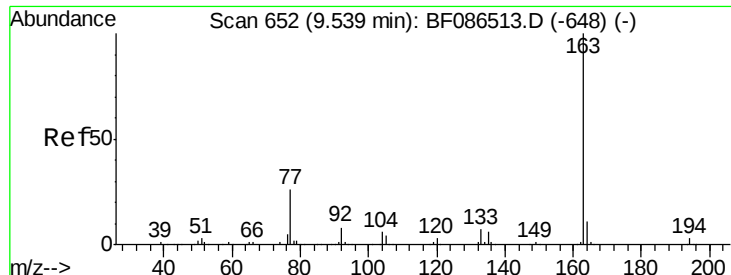
151 20.6 16.8 25.2

153 14.7 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.75 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

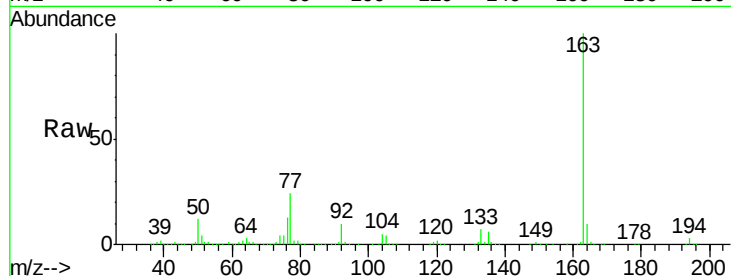
Tot Ion:163 Resp: 914354

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

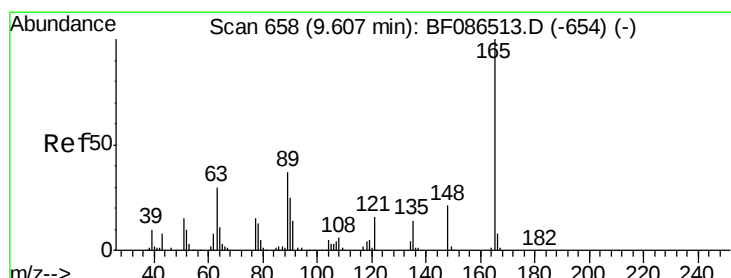
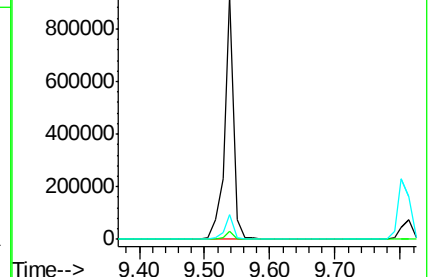
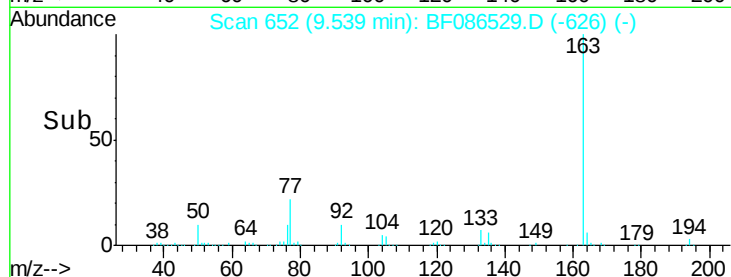
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.79 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

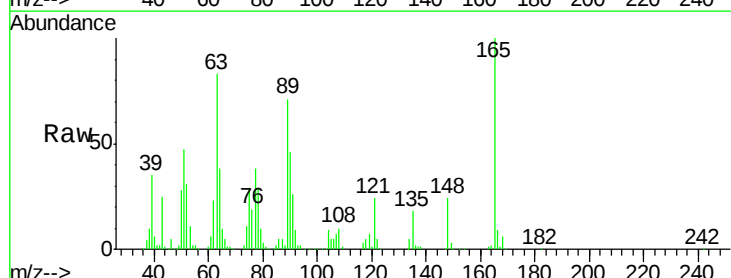
Tgt Ion:165 Resp: 189100

Ion Ratio Lower Upper

165 100

63 83.3 51.8 77.8#

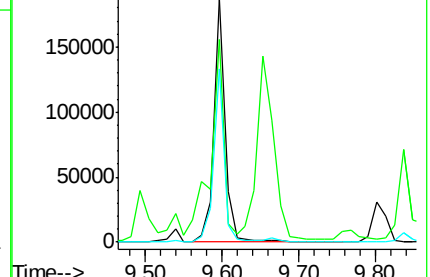
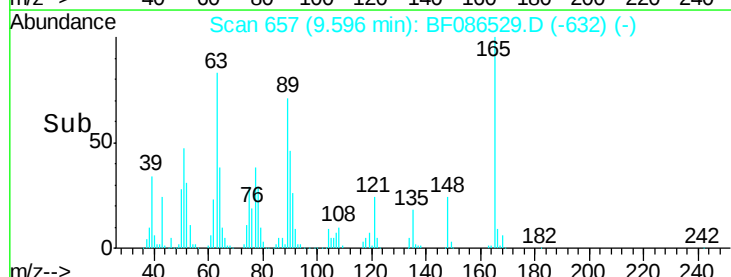
89 71.0 50.7 76.1

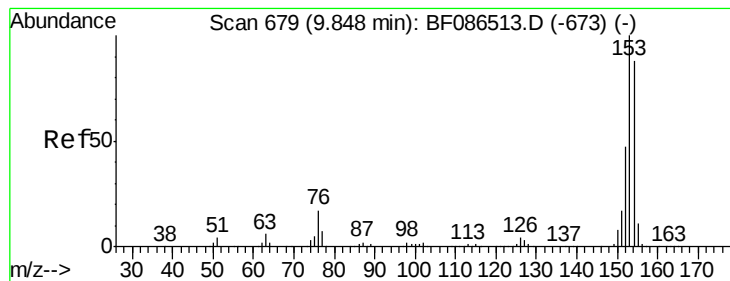


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.04 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

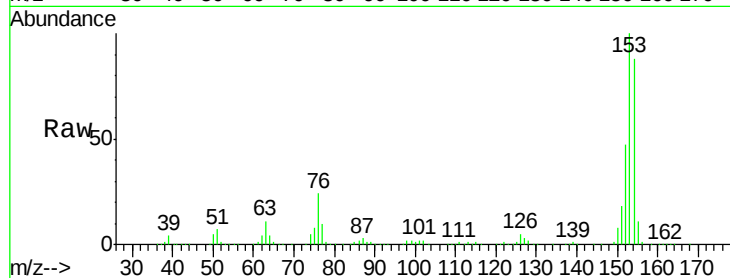
Tot Ion:154 Resp: 819589

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

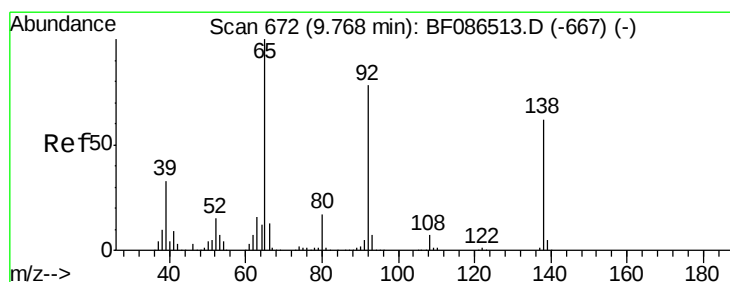
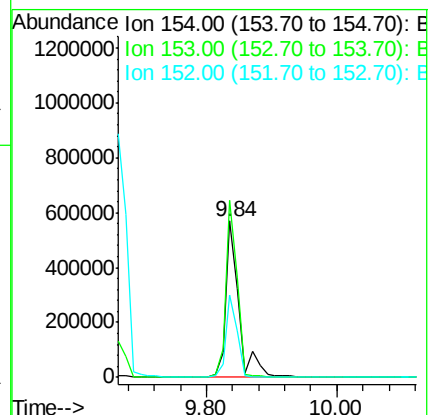
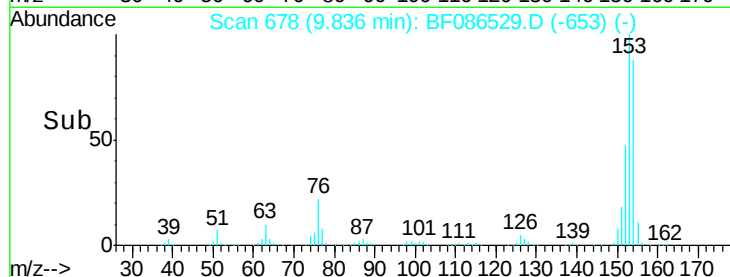
152 52.9 43.4 65.0



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: 13.43 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

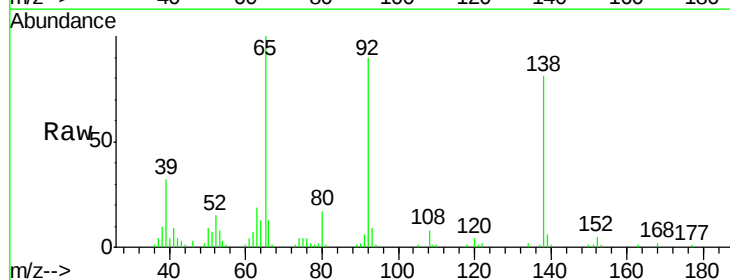
Tgt Ion:138 Resp: 72599

Ion Ratio Lower Upper

138 100

108 10.2 7.8 11.6

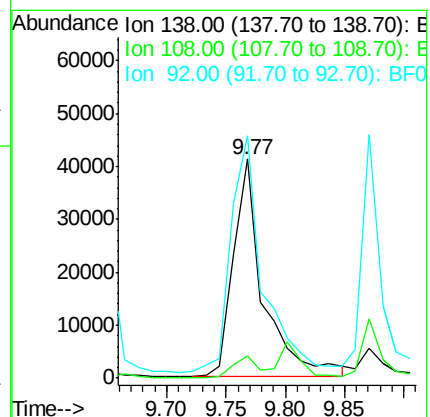
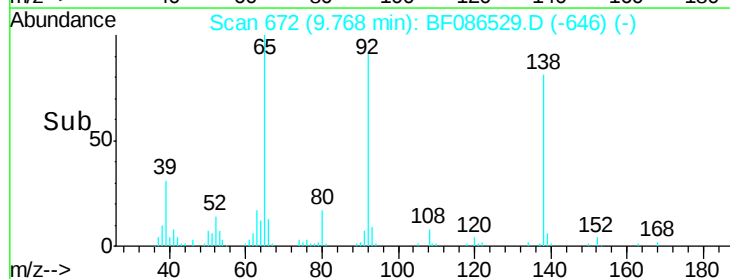
92 110.6 87.8 131.8

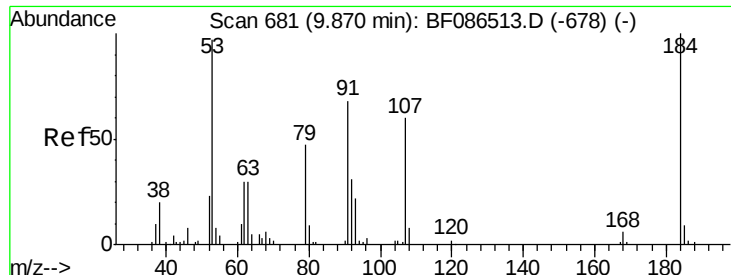


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

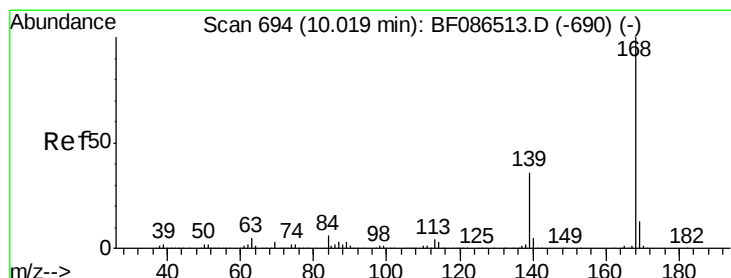
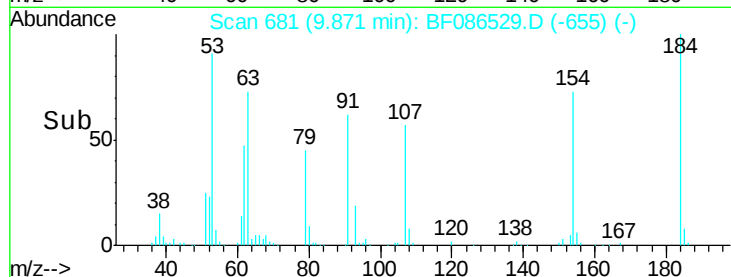
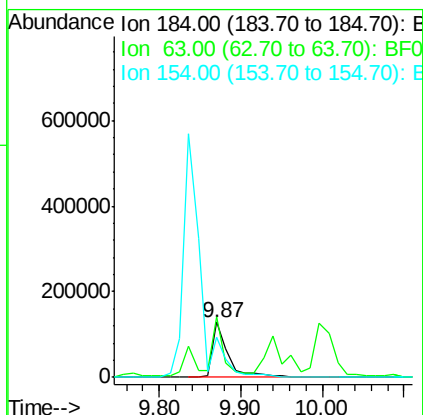
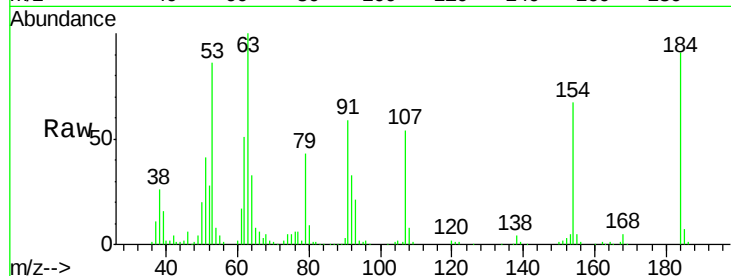




#53
2,4-Dinitrophenol
Concen: 68.94 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

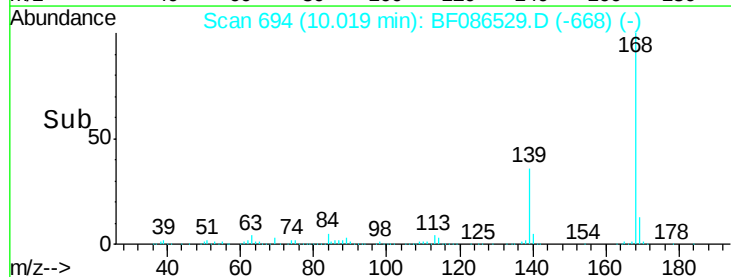
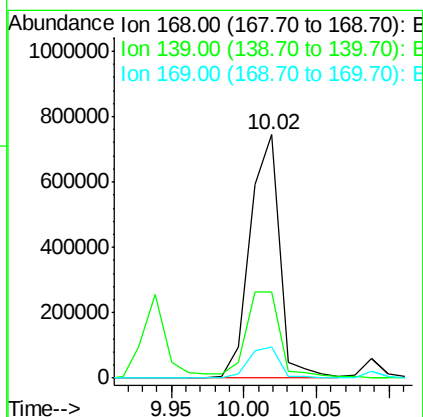
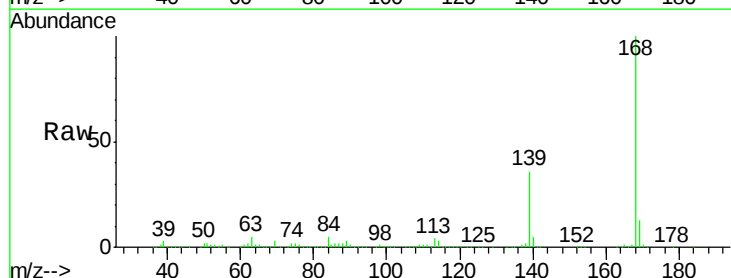
Instrument :
BNA_F
ClientSampled :

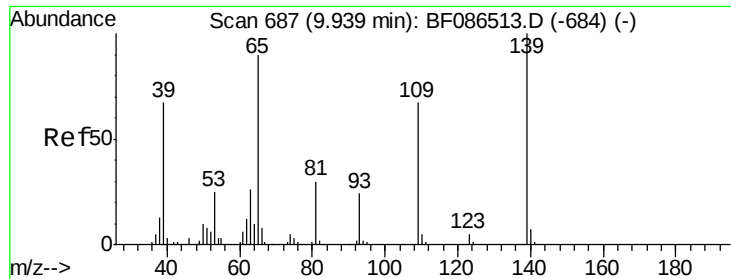
Tot Ion:184 Resp: 176021
Ion Ratio Lower Upper
184 100
63 109.6 55.8 83.8#
154 74.0 62.4 93.6



#54
Dibenzofuran
Concen: 42.98 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion:168 Resp: 1047287
Ion Ratio Lower Upper
168 100
139 35.6 31.4 47.0
169 12.9 10.7 16.1

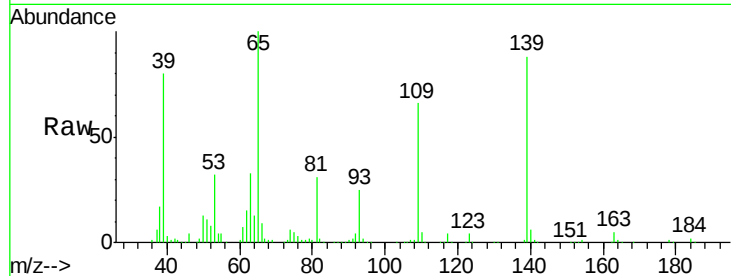




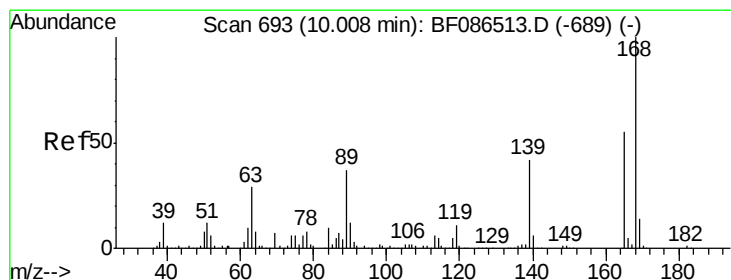
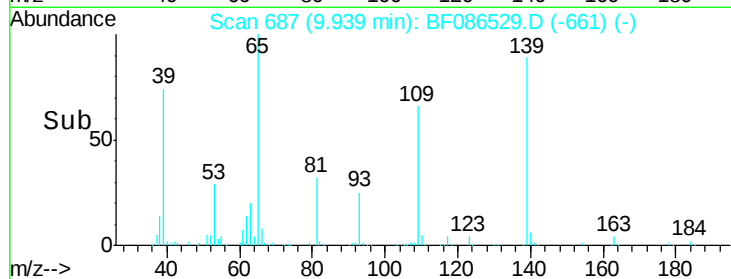
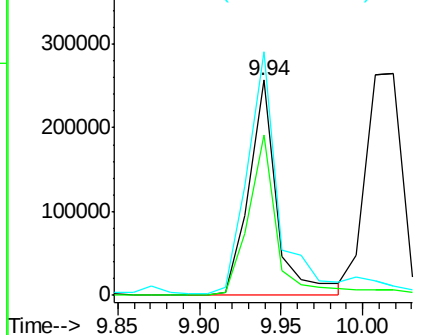
#55
4-Nitrophenol
Concen: 86.97 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 307763
Ion Ratio Lower Upper
139 100
109 74.5 36.9 76.9
65 113.2 64.0 104.0#

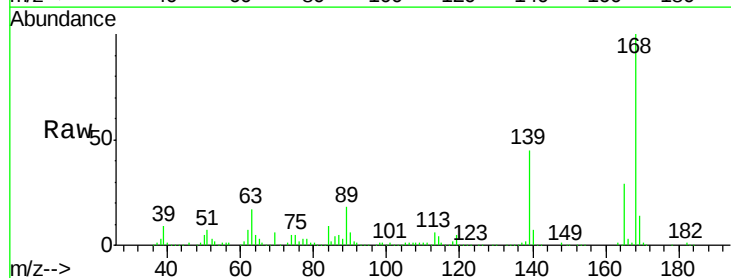


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

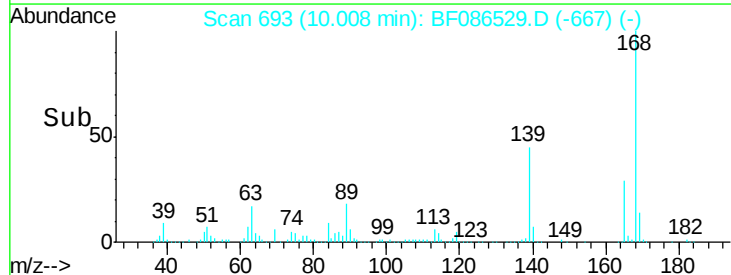
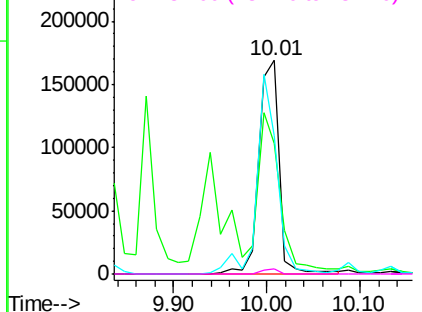


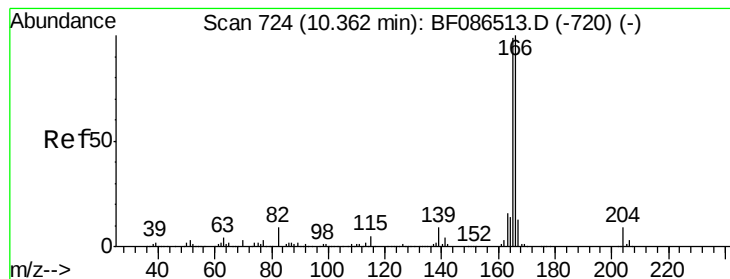
#56
2,4-Dinitrotoluene
Concen: 42.25 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion:165 Resp: 255943
Ion Ratio Lower Upper
165 100
63 61.2 44.3 66.5
89 64.7 70.0 105.0#
182 2.5 1.8 2.6



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





#57

Fluorene

Concen: 34.77 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

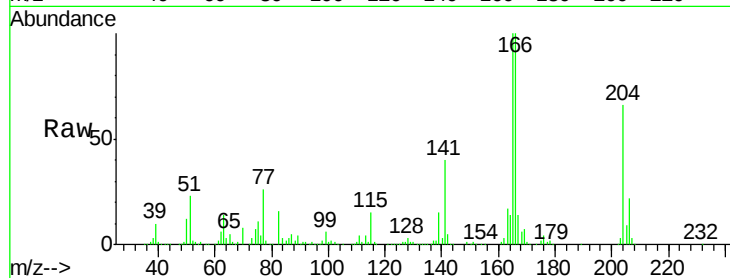
Tot Ion:166 Resp: 735743

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

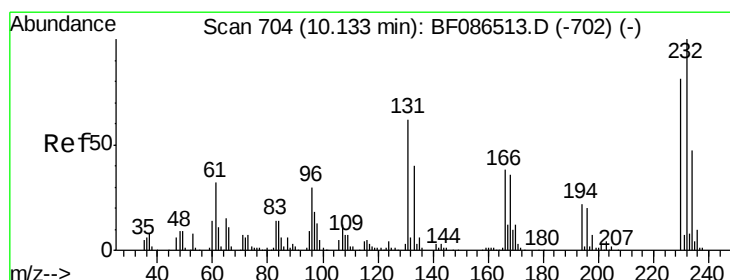
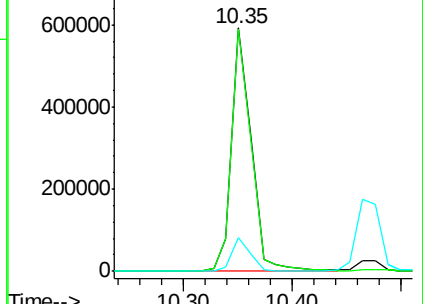
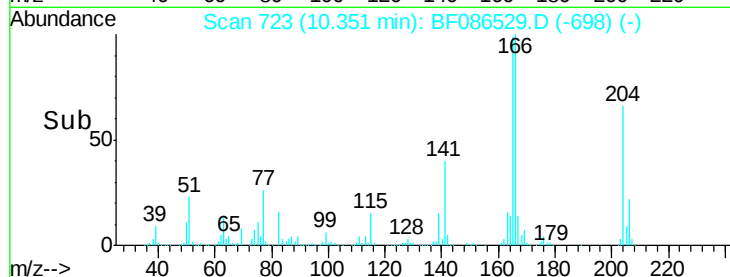
167 14.0 10.6 15.8



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: 45.91 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion:232 Resp: 216315

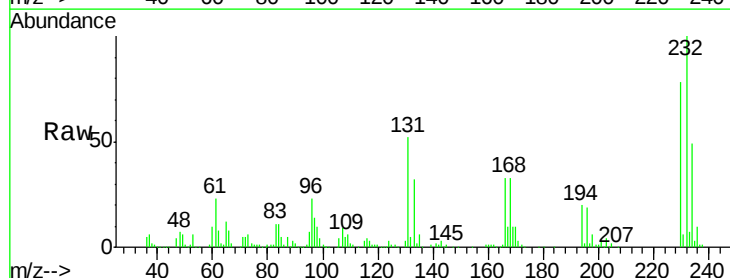
Ion Ratio Lower Upper

232 100

131 52.0 41.9 62.9

130 2.7 2.2 3.4

166 31.4 26.8 40.2

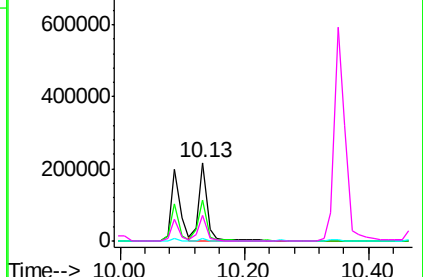
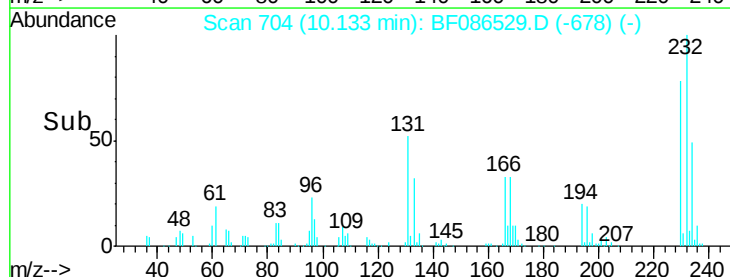


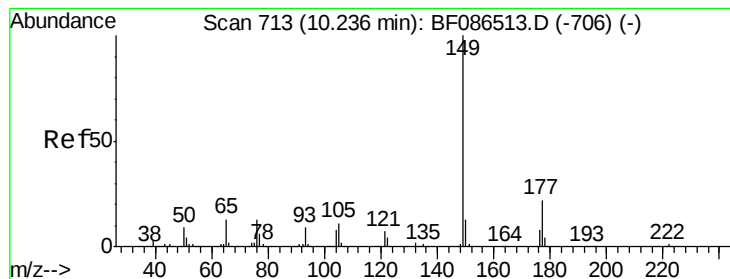
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.81 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

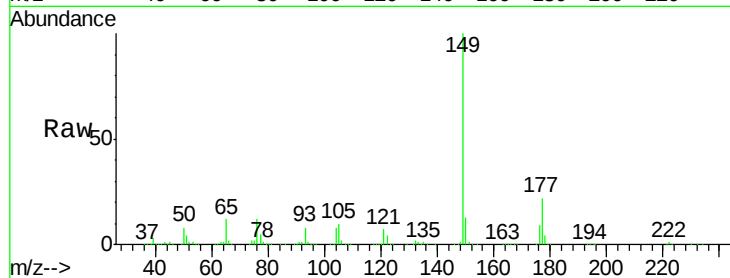
Tot Ion:149 Resp: 845092

Ion Ratio Lower Upper

149 100

177 21.7 16.6 24.8

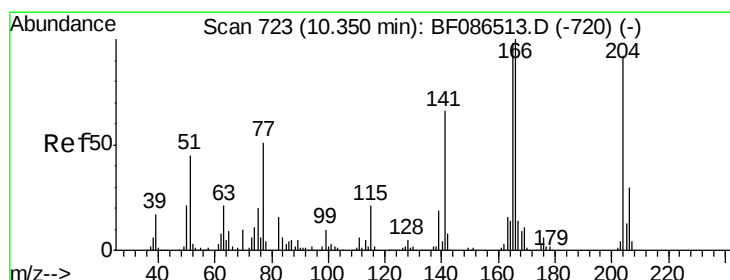
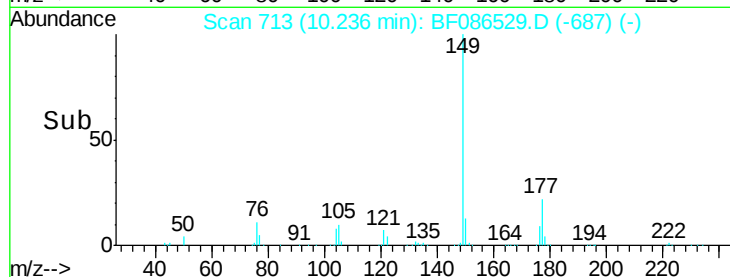
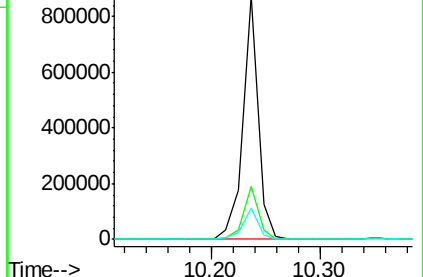
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.20 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

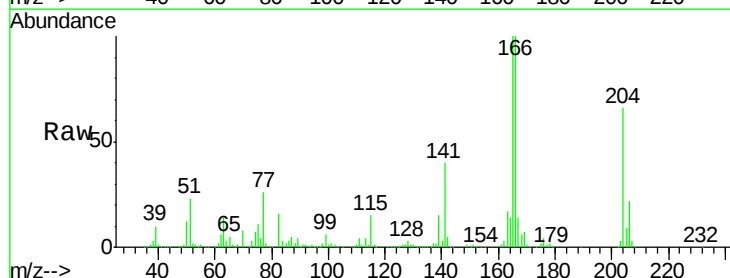
Tgt Ion:204 Resp: 386168

Ion Ratio Lower Upper

204 100

206 32.5 25.4 38.0

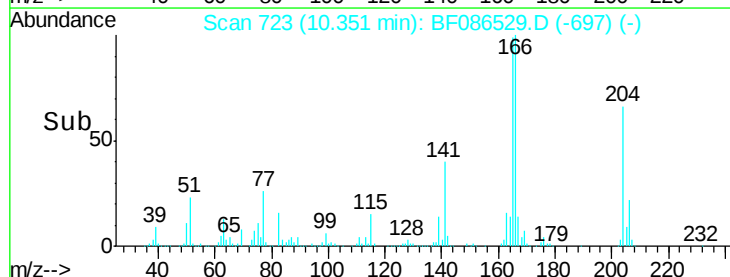
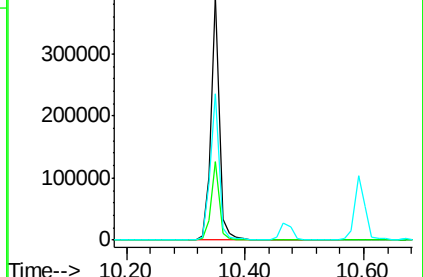
141 59.9 61.6 92.4#

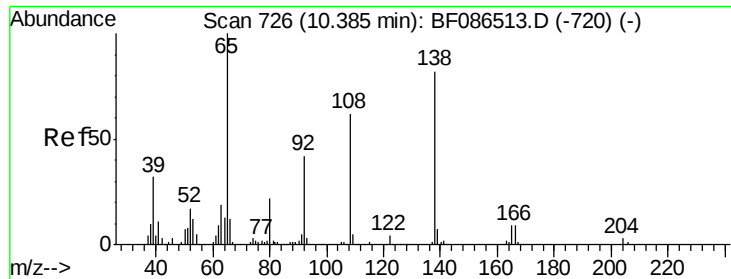


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

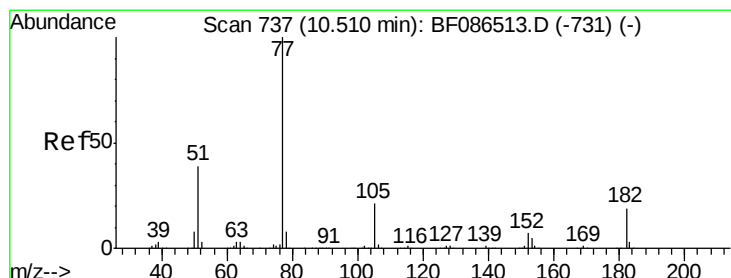
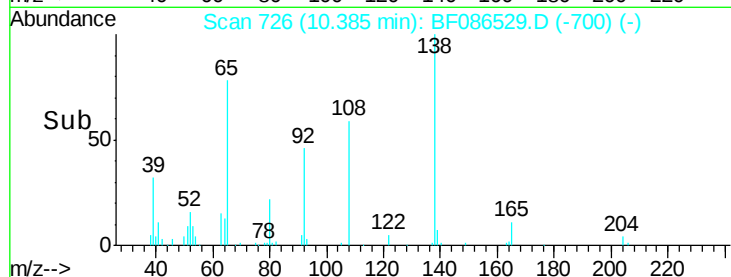
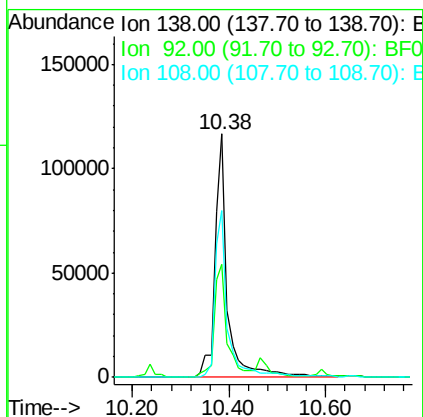
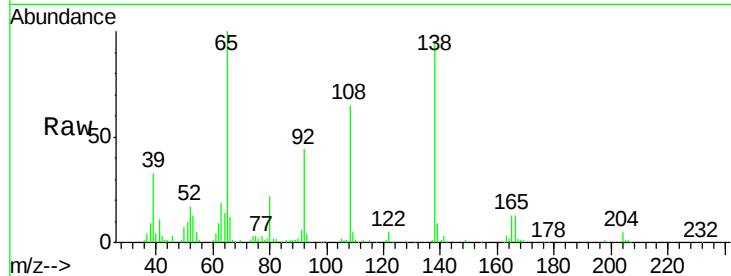




#61
4-Nitroaniline
Concen: 40.50 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

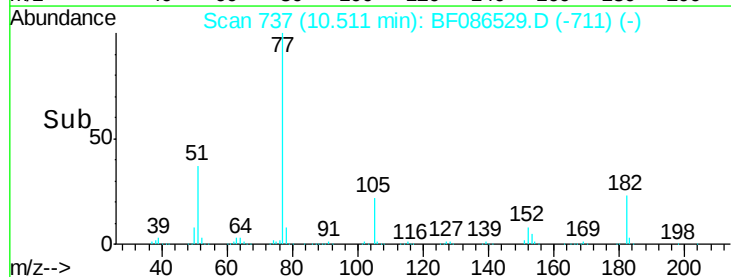
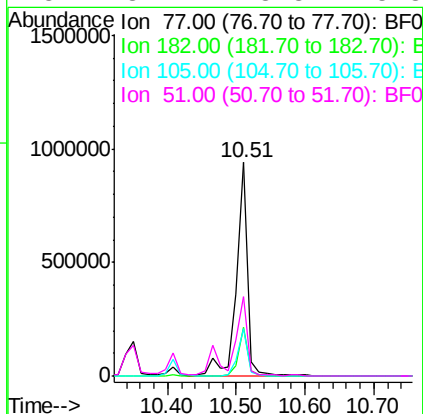
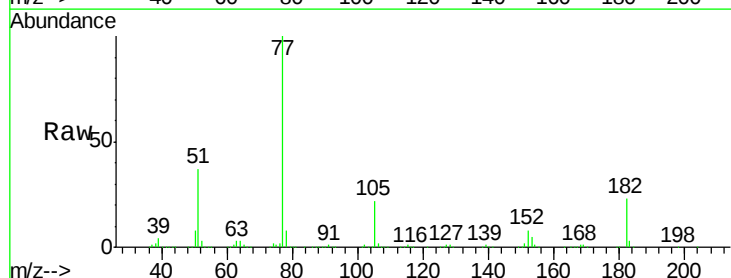
Instrument :
BNA_F
ClientSampleId :

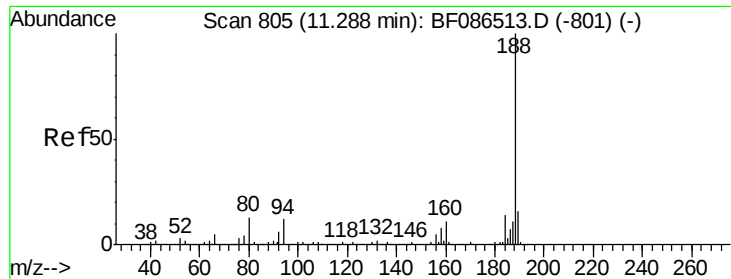
Tot Ion:138 Resp: 213987
Ion Ratio Lower Upper
138 100
92 46.3 24.7 64.7
108 68.8 37.4 77.4



#62
Azobenzene
Concen: 45.20 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion: 77 Resp: 1078206
Ion Ratio Lower Upper
77 100
182 22.9 0.0 38.8
105 22.2 3.2 43.2
51 37.1 8.8 48.8

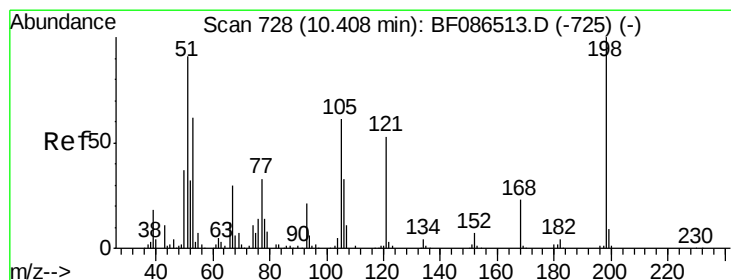
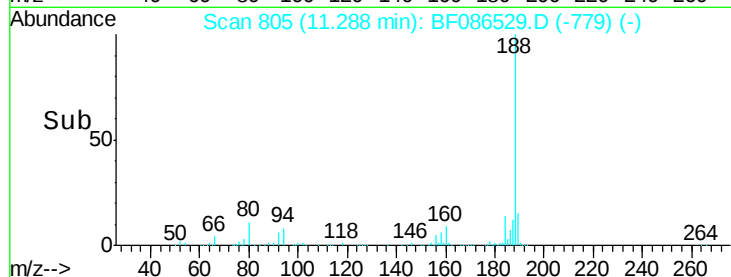
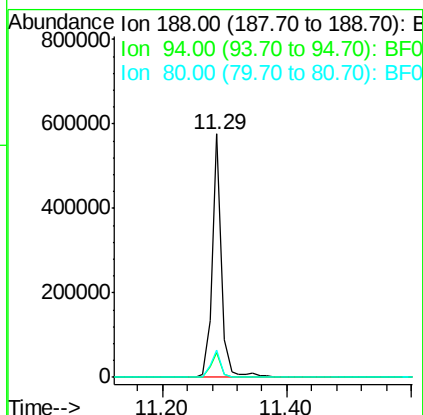
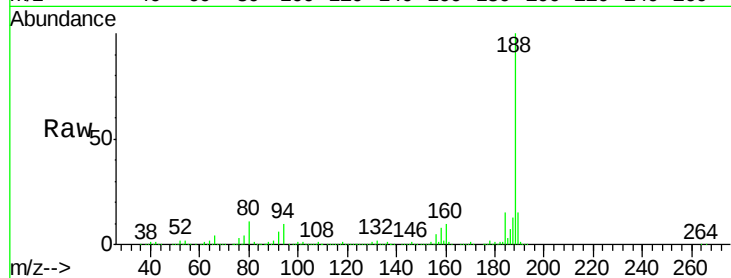




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

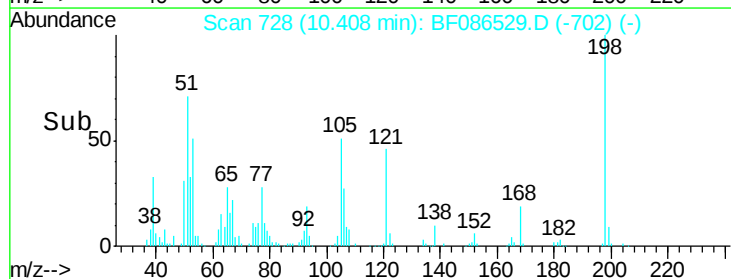
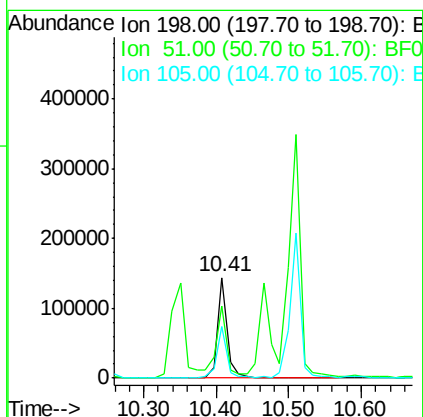
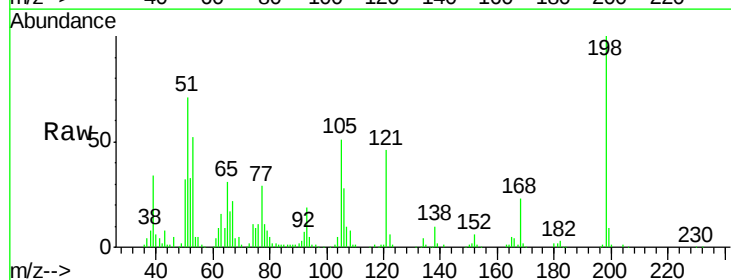
Instrument :
 BNA_F
 ClientSampleId :

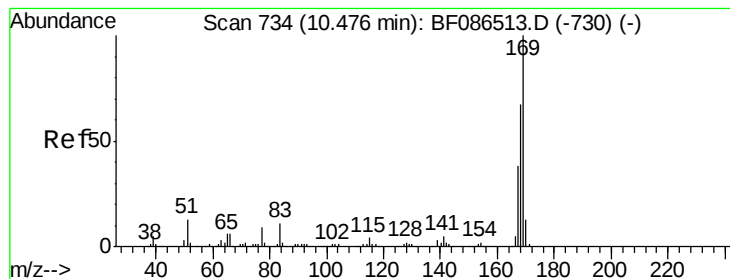
Tot Ion:188 Resp: 590830
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.8 10.2#
 80 11.0 7.1 10.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.81 ng
 RT: 10.41 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:198 Resp: 138092
 Ion Ratio Lower Upper
 198 100
 51 71.5 20.5 60.5#
 105 50.6 24.5 64.5

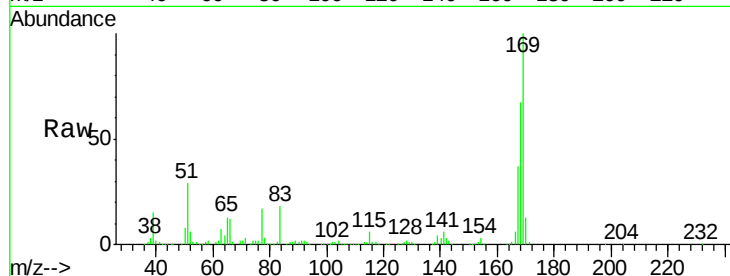




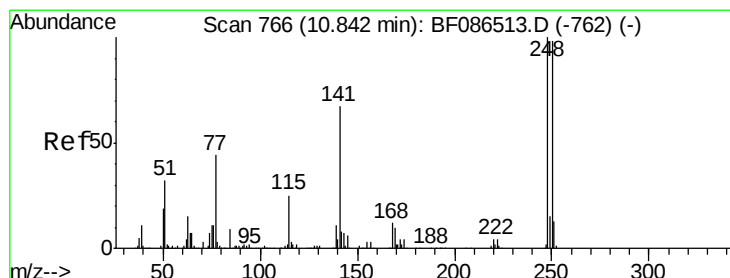
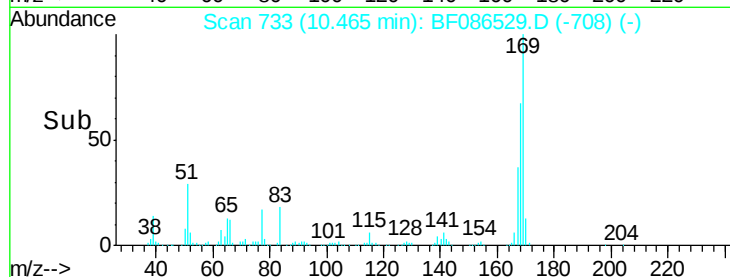
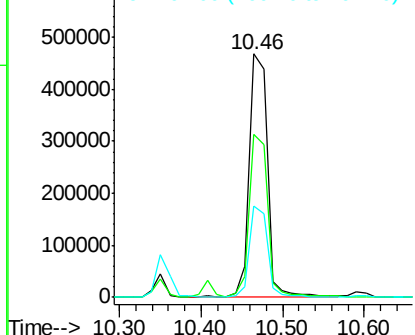
#65
 n-Nitrosodiphenylamine
 Concen: 38.73 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 715174
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.8 80.6
 167 37.3 29.5 44.3

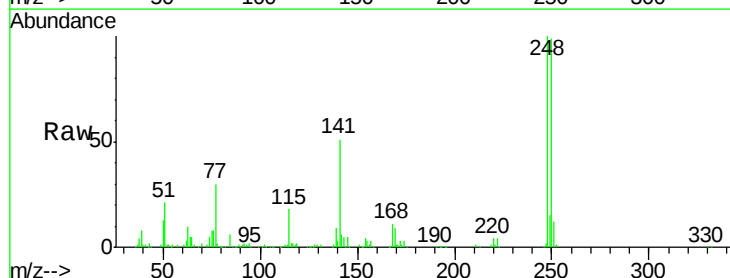


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

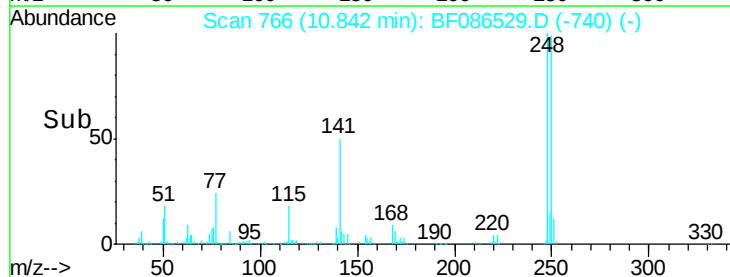
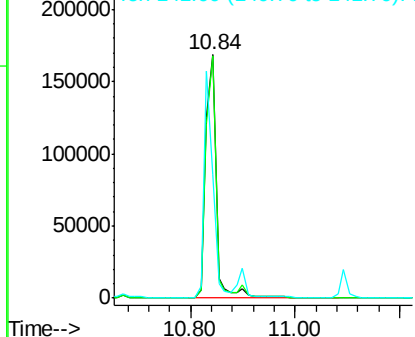


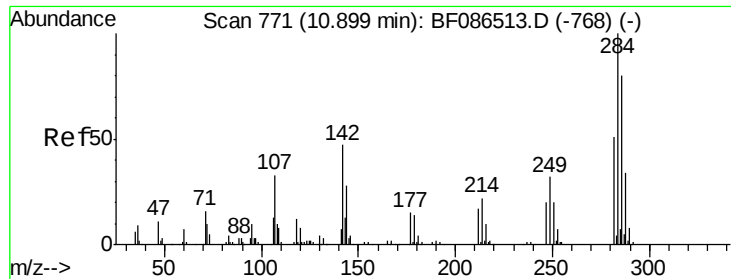
#66
 4-Bromophenyl-phenylether
 Concen: 38.91 ng
 RT: 10.84 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:248 Resp: 236896
 Ion Ratio Lower Upper
 248 100
 250 99.3 78.6 117.8
 141 50.6 76.0 114.0#



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

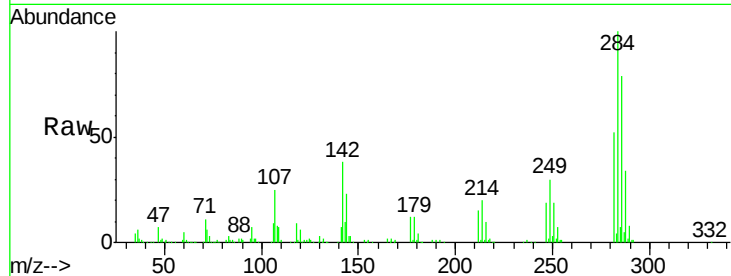




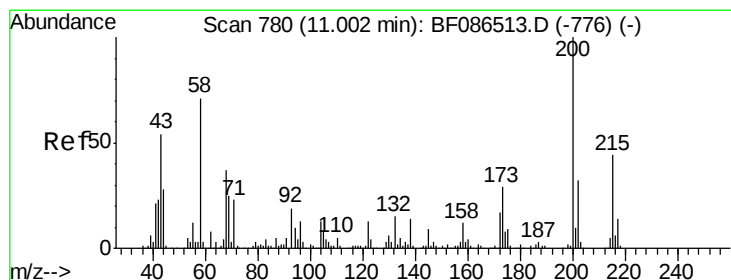
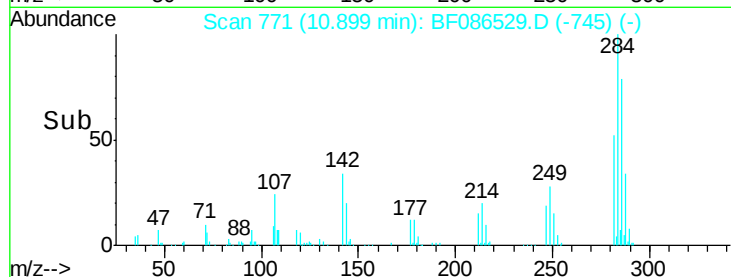
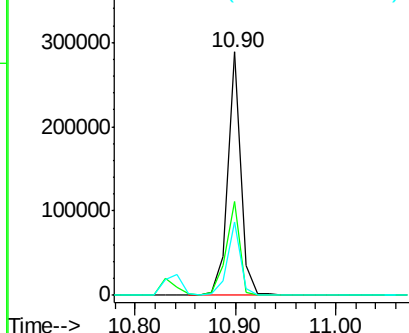
#67
Hexachlorobenzene
Concen: 37.11 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.4	16.7	25.1#
249	30.3	21.3	31.9

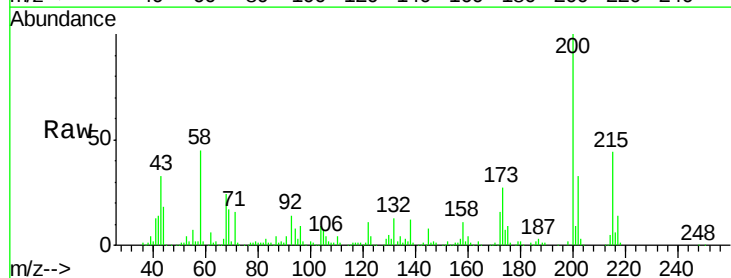


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

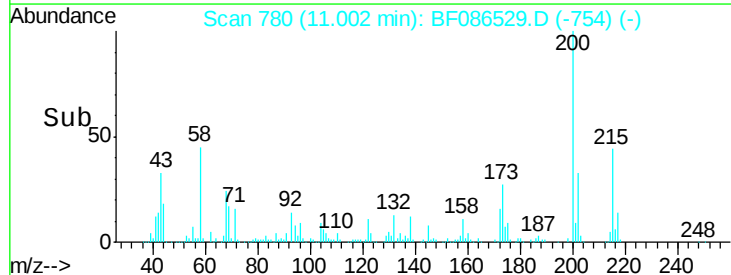
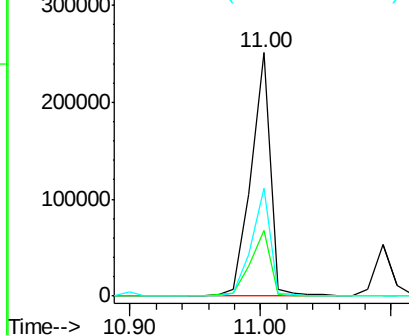


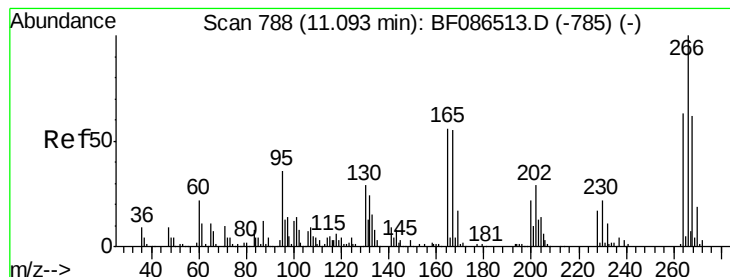
#68
Atrazine
Concen: 46.78 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.5	48.5
215	44.2	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: 70.38 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :

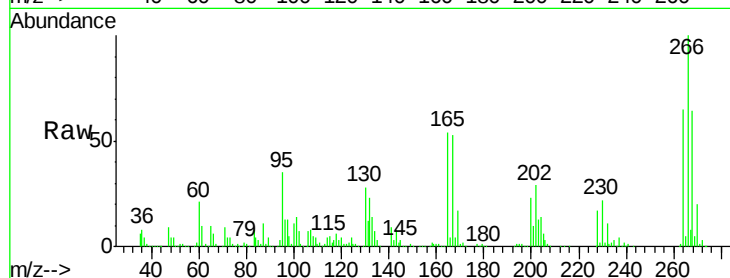
Tot Ion:266 Resp: 261495

Ion Ratio Lower Upper

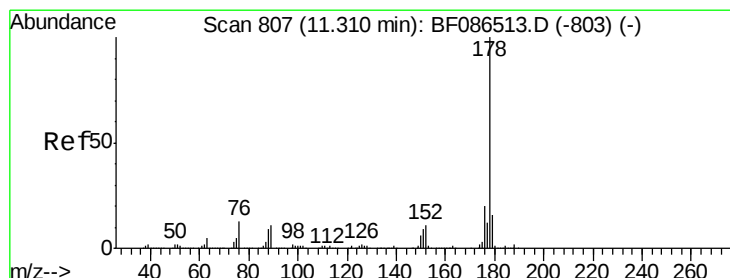
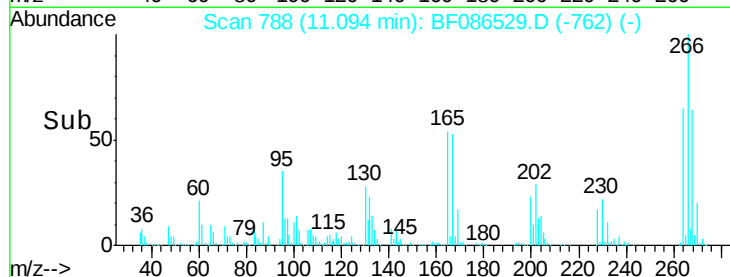
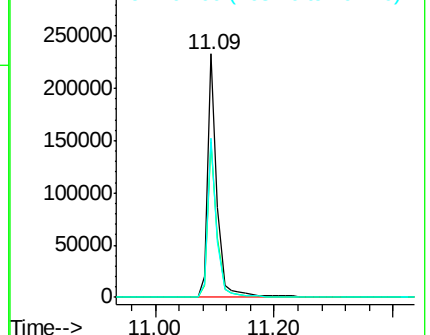
266 100

268 63.9 51.5 77.3

264 65.2 52.9 79.3



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



#70

Phenanthrene

Concen: 37.09 ng

RT: 11.31 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

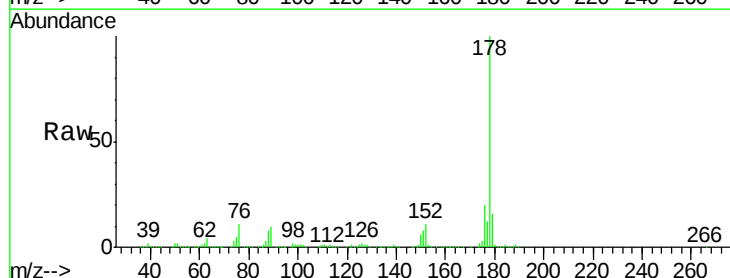
Tgt Ion:178 Resp: 1149903

Ion Ratio Lower Upper

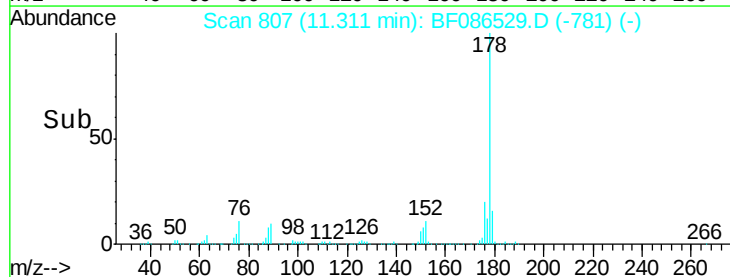
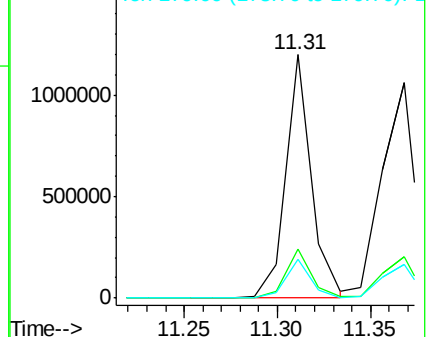
178 100

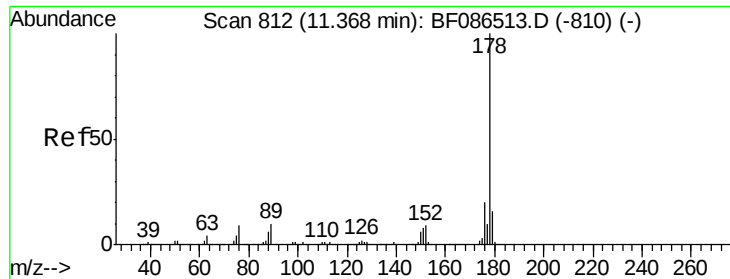
176 20.2 16.0 24.0

179 15.8 12.6 18.8



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

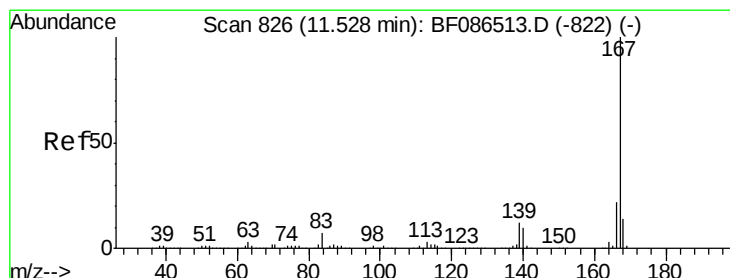
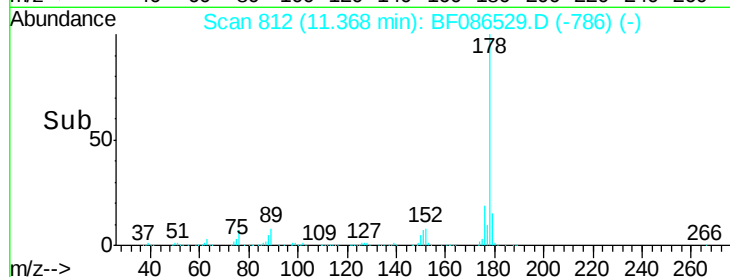
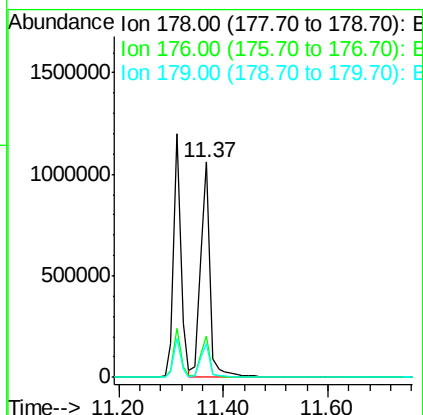
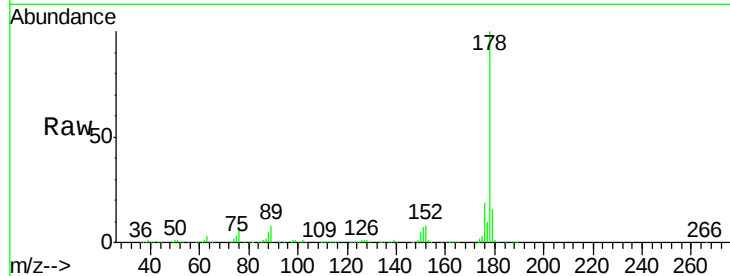




#71
 Anthracene
 Concen: 41.17 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

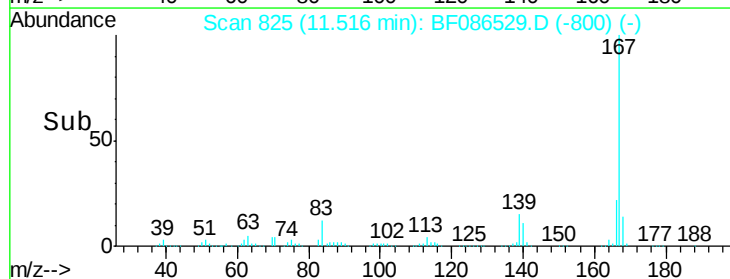
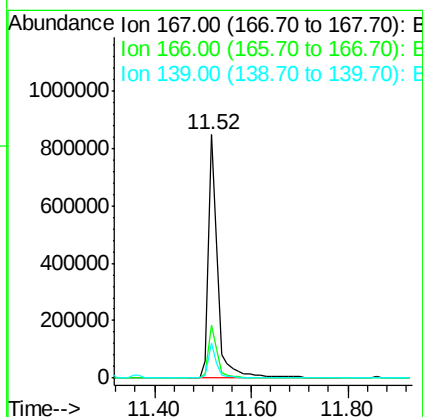
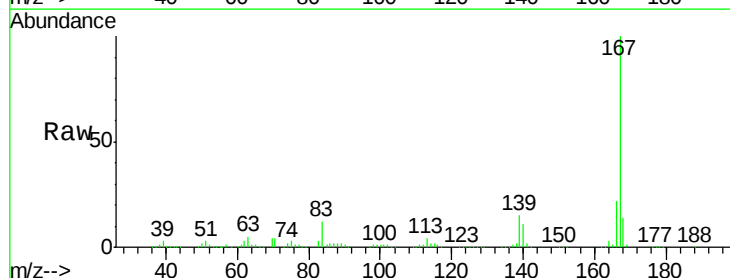
Instrument :
 BNA_F
 ClientSampleId :

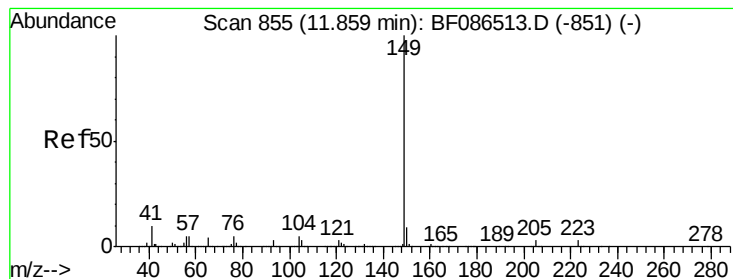
Tot Ion:178 Resp: 1362452
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 38.77 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:167 Resp: 1136892
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.90 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

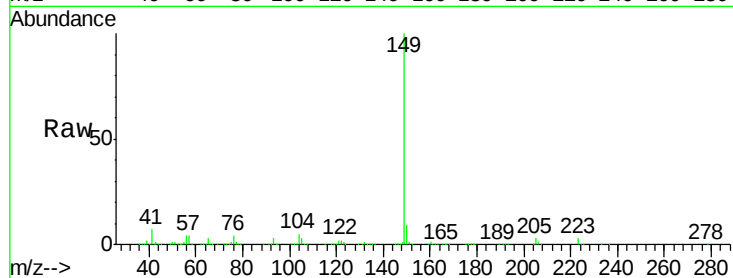
Tot Ion:149 Resp: 1358759

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

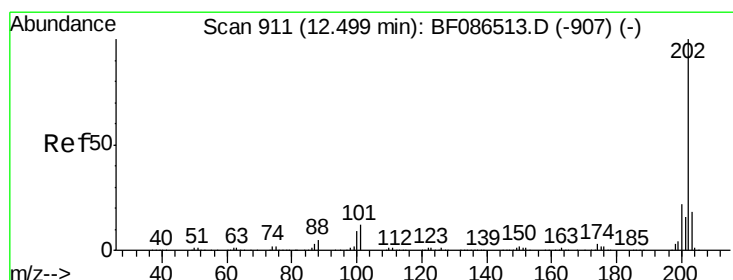
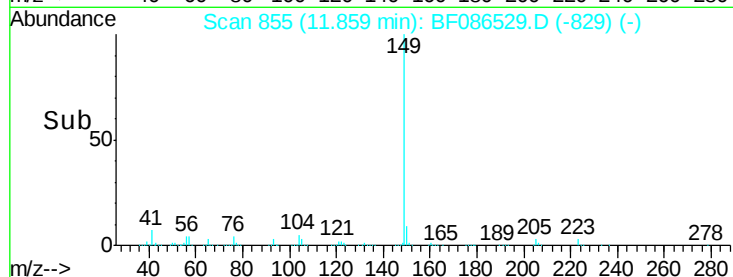
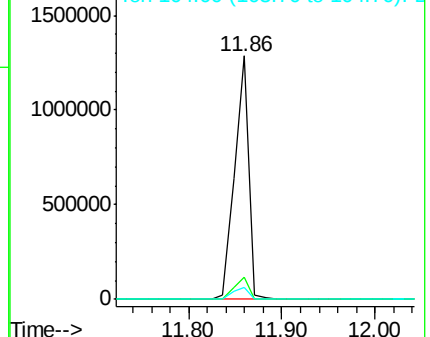
104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.40 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

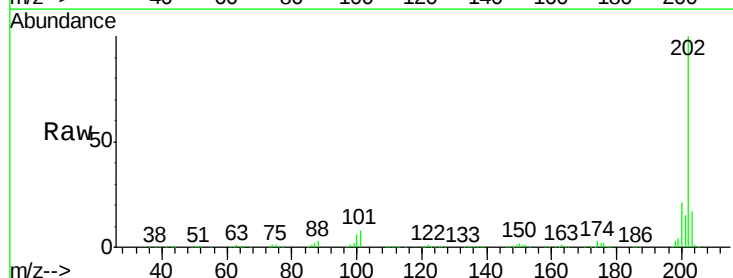
Tgt Ion:202 Resp: 1295701

Ion Ratio Lower Upper

202 100

101 8.1 0.0 35.4

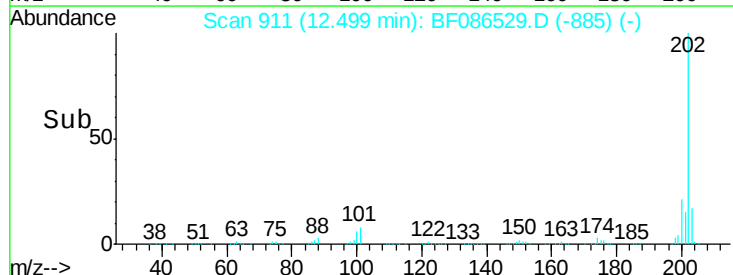
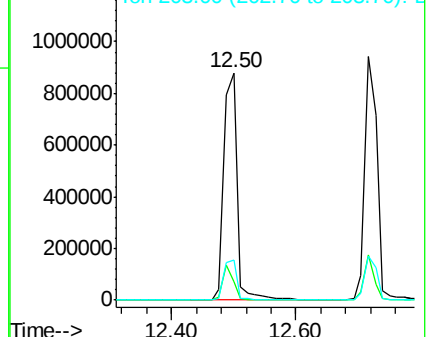
203 17.4 0.0 38.1

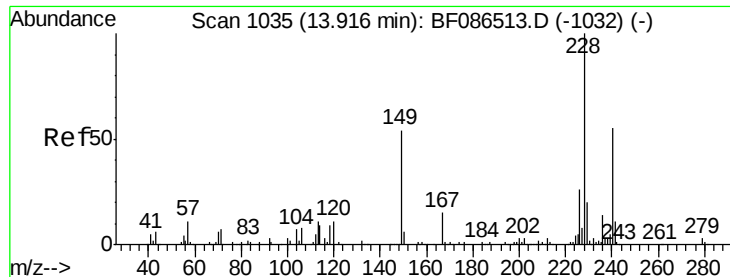


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

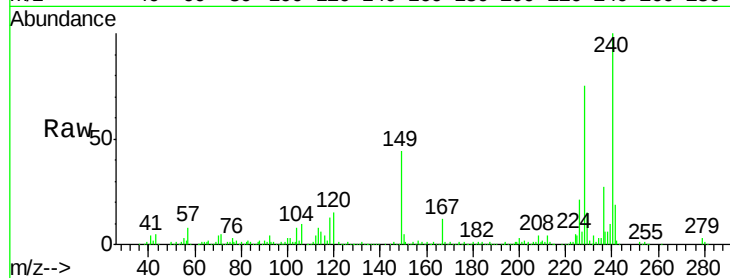
Tot Ion:240 Resp: 428649

Ion Ratio Lower Upper

240 100

120 15.2 11.2 16.8

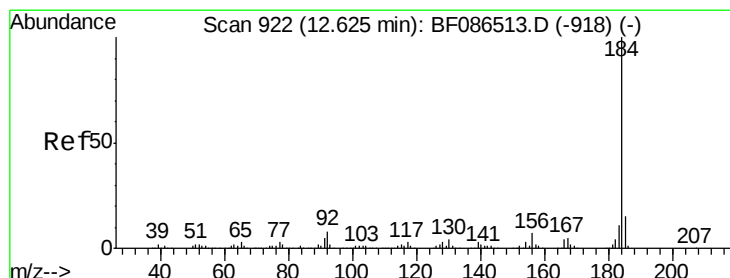
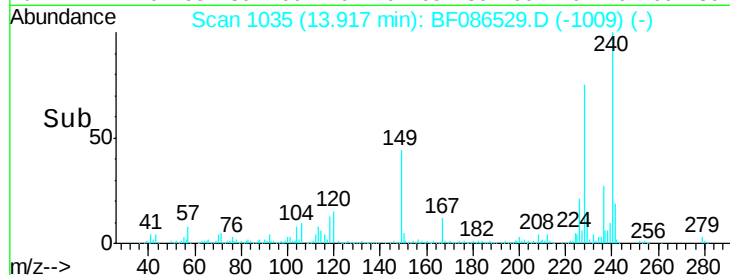
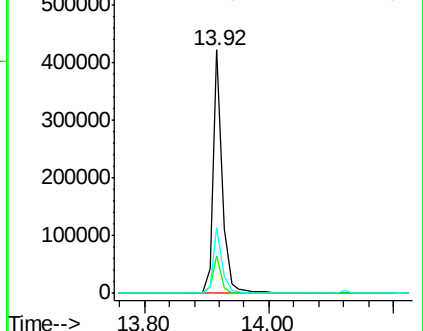
236 26.8 21.2 31.8



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: 21.70 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

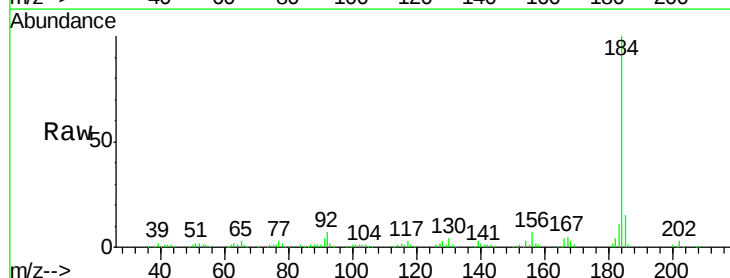
Tgt Ion:184 Resp: 319731

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

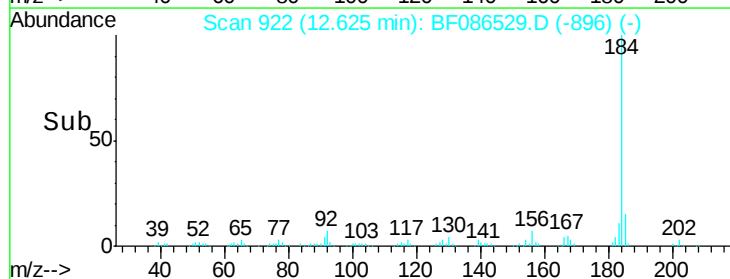
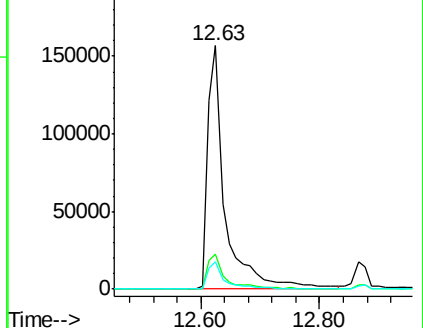
183 11.4 9.8 14.6

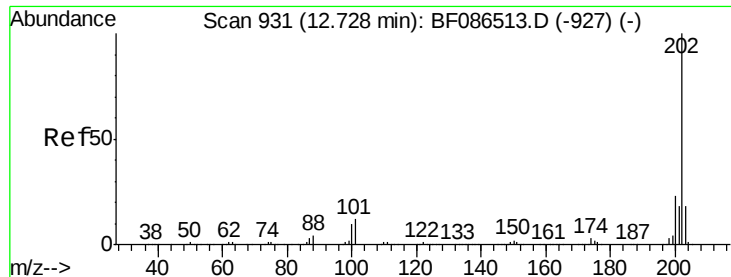


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

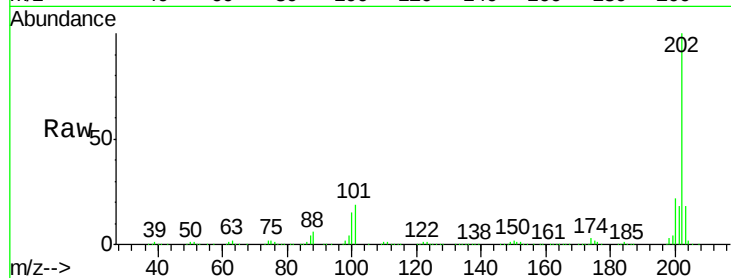




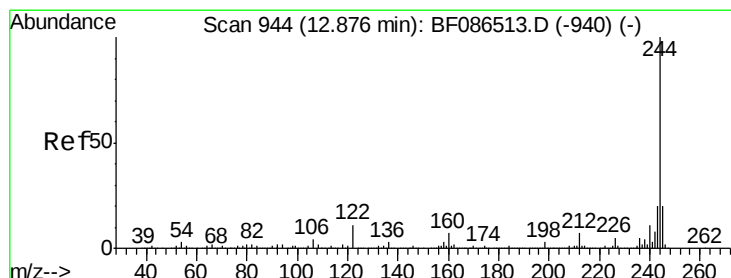
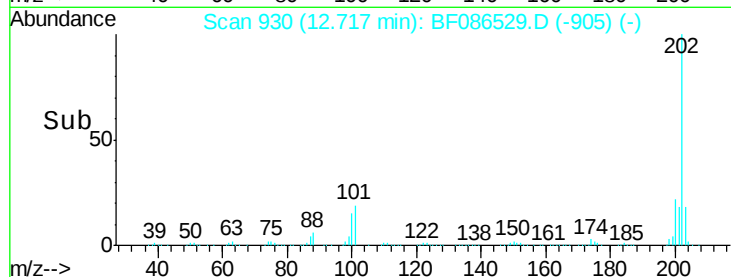
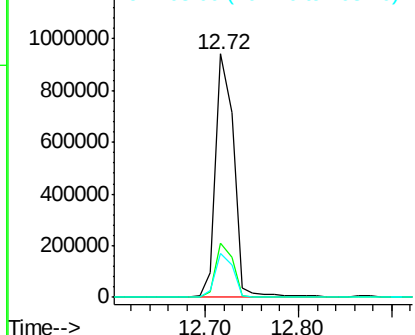
#77
 Pvrene
 Concen: 40.99 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1266086
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.7 26.5
 203 18.2 14.2 21.4

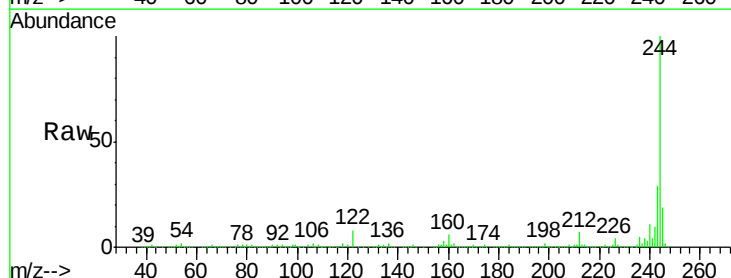


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

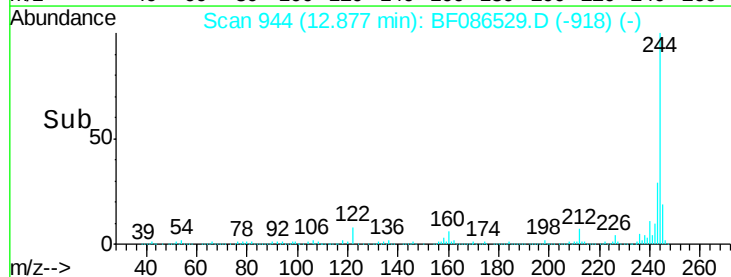
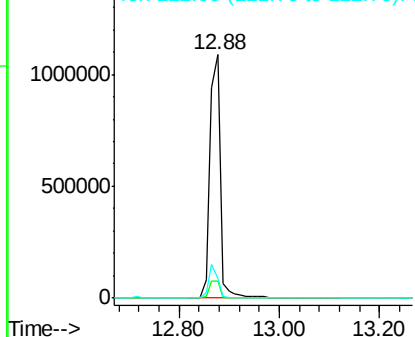


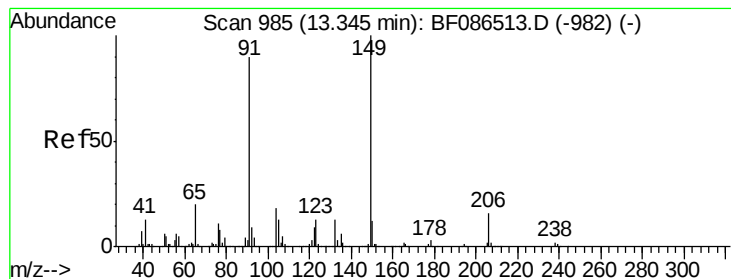
#78
 Terphenyl-d14
 Concen: 81.25 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:244 Resp: 1580773
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 7.8 12.0 18.0#



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





#79

Butylbenzylphthalate

Concen: 39.79 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

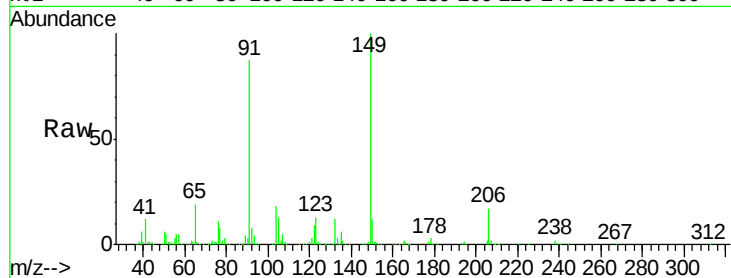
Tot Ion:149 Resp: 532277

Ion Ratio Lower Upper

149 100

91 87.3 48.0 72.0#

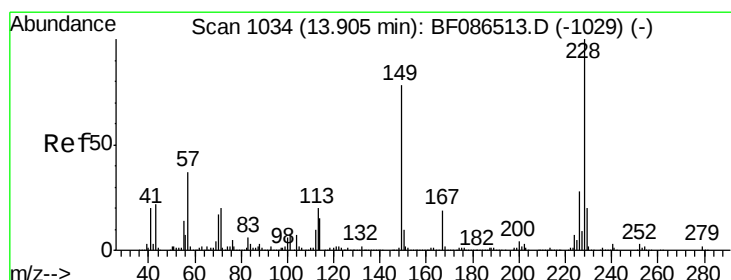
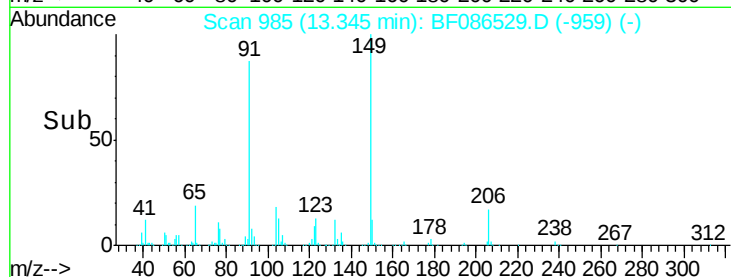
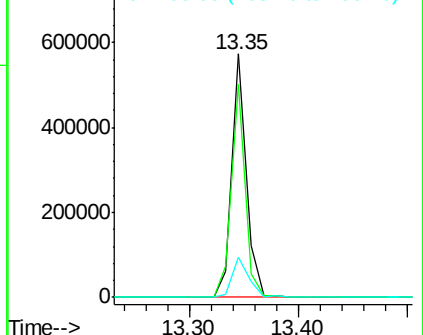
206 16.6 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.12 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

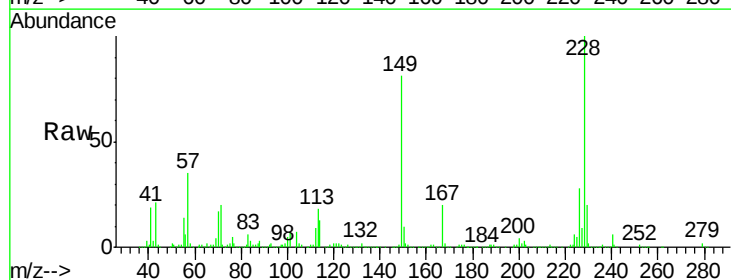
Tgt Ion:228 Resp: 962633

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

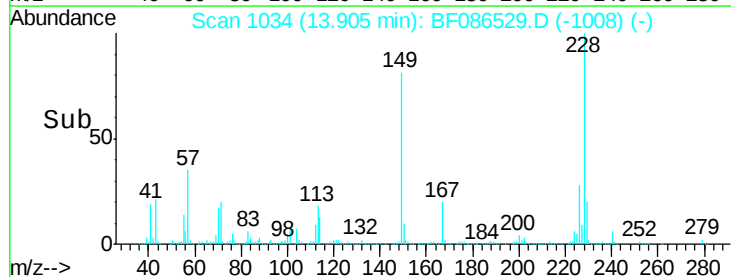
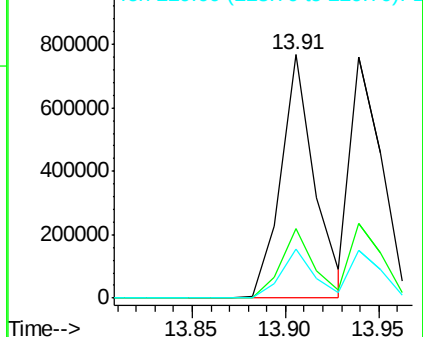
229 20.2 16.6 25.0

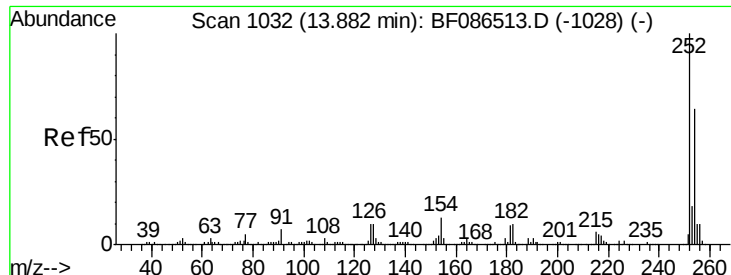


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

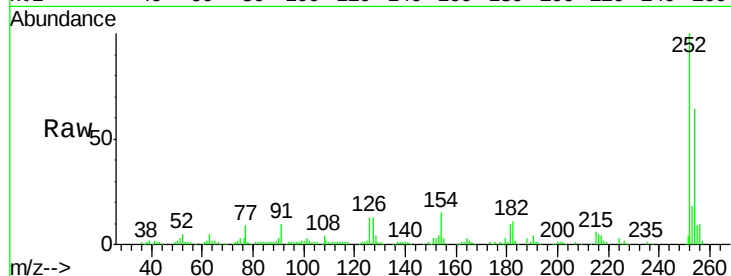




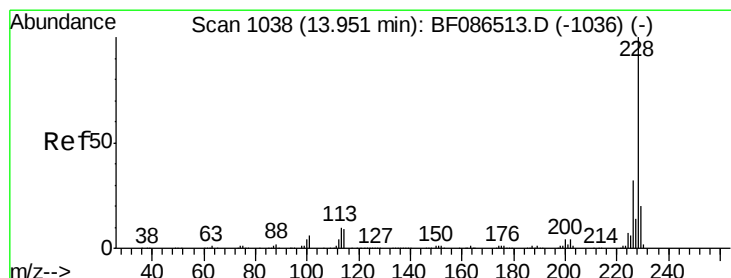
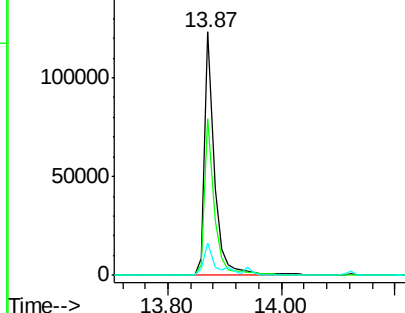
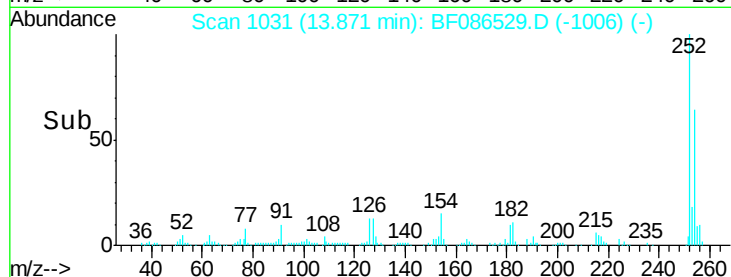
#81
 3,3'-Dichlorobenzidine
 Concen: 9.48 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.7	76.1
126	13.1	12.7	19.1

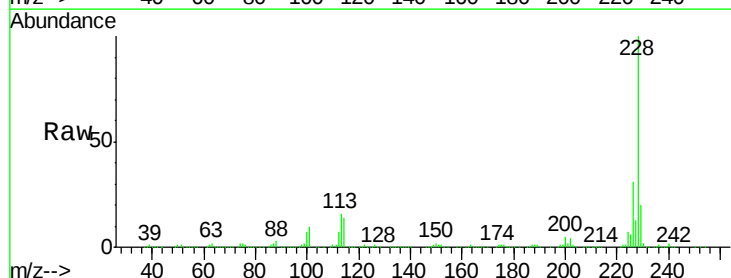


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

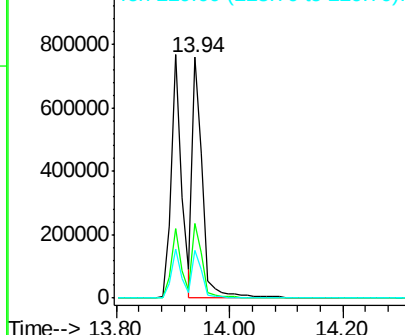
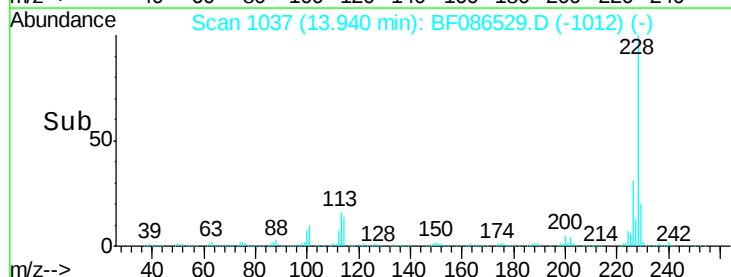


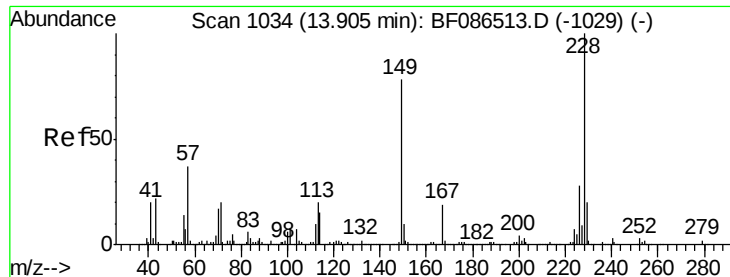
#82
 Chrysene
 Concen: 38.22 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.1	15.8	23.8



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

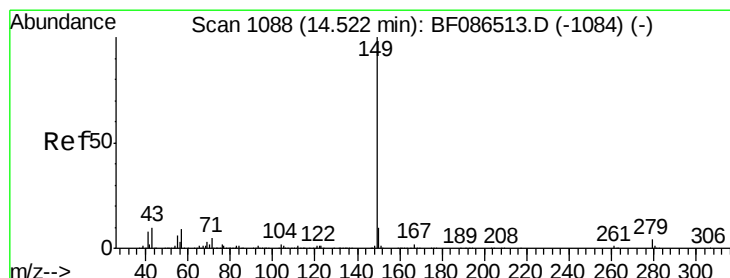
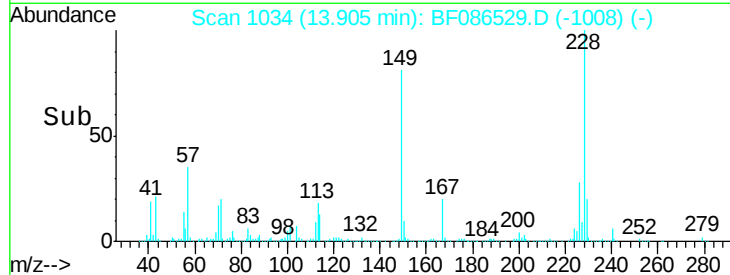
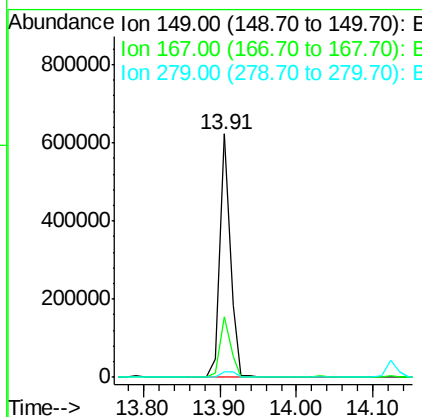
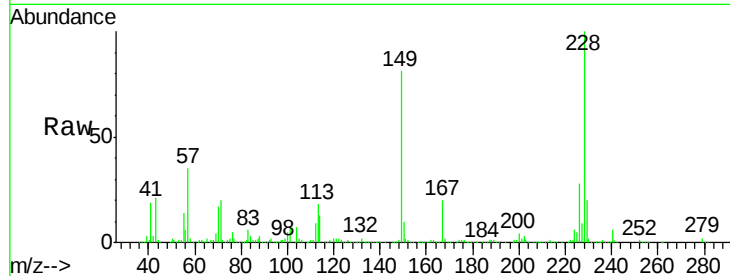




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.03 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

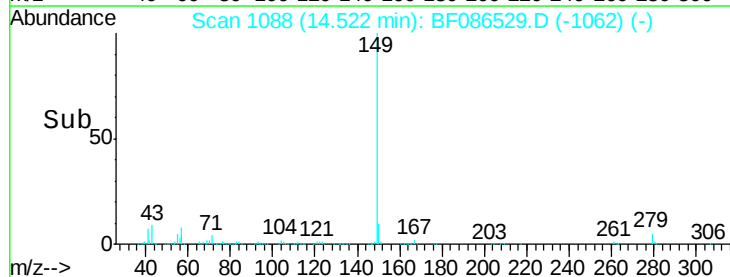
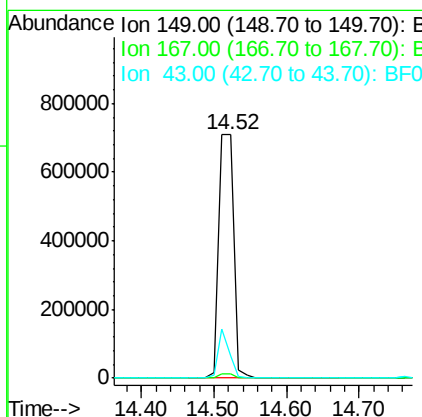
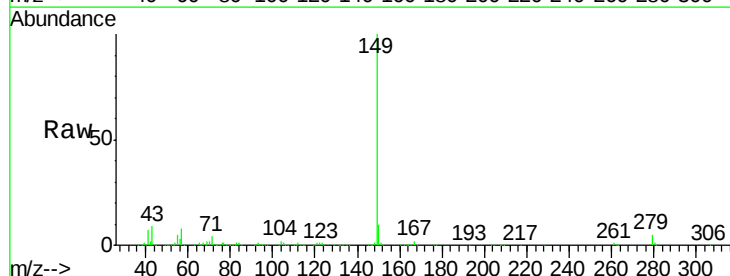
Instrument :
 BNA_F
 ClientSampleId :

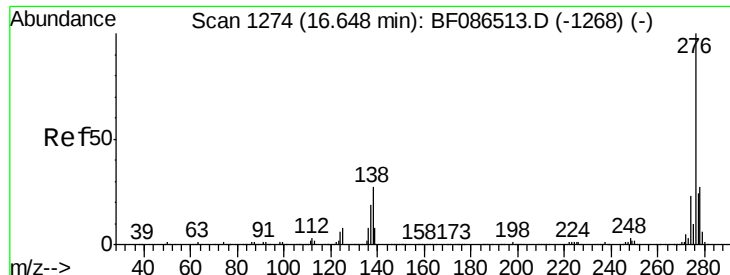
Tot Ion:149 Resp: 598261
 Ion Ratio Lower Upper
 149 100
 167 24.8 21.8 32.6
 279 2.3 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 38.95 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:149 Resp: 1012742
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 14.9 8.2 12.4#

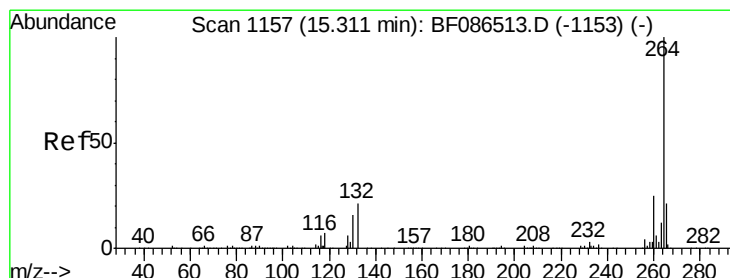
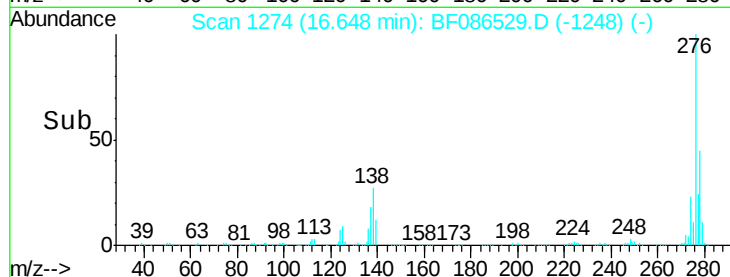
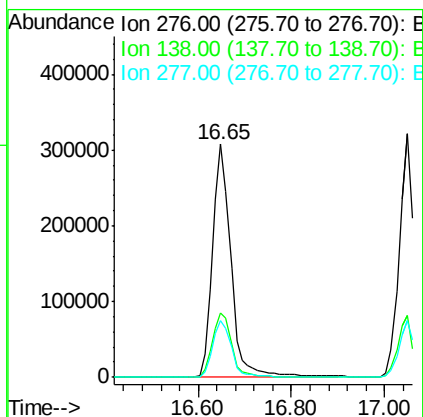
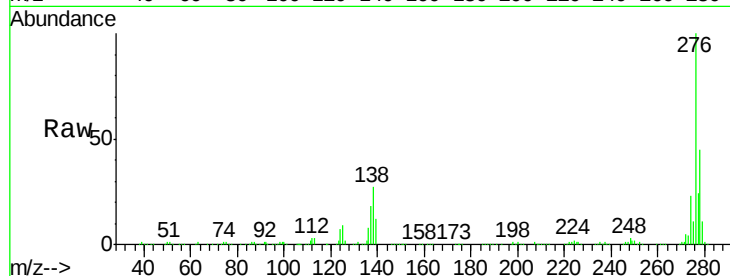




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.21 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

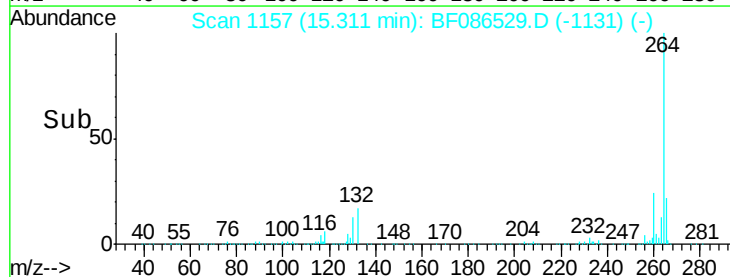
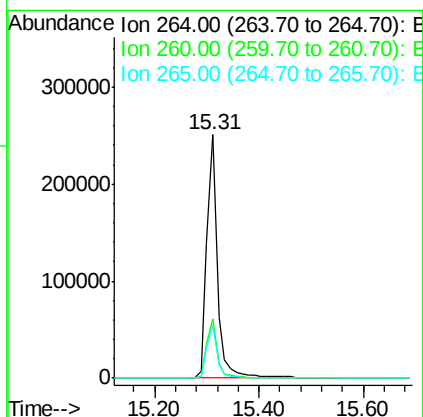
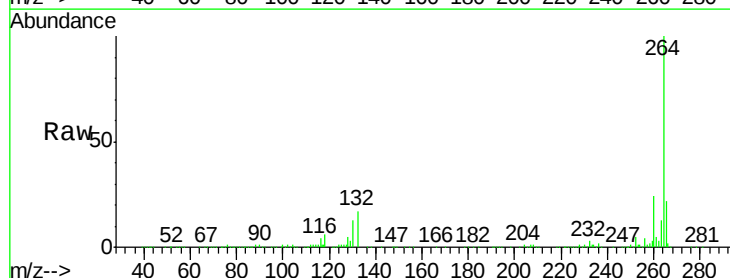
Instrument :
 BNA_F
 ClientSampleId :

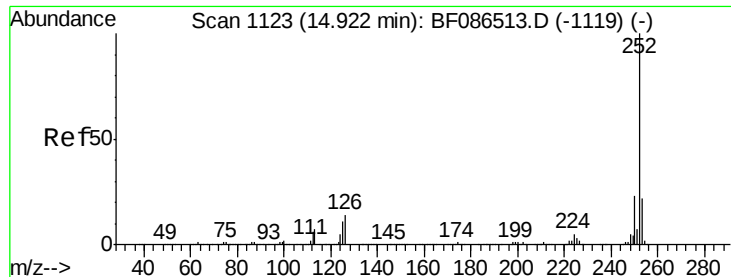
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.6	38.4
277	25.3	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 82.39 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

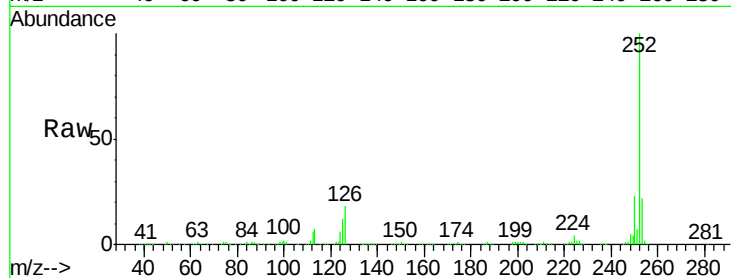
Tot Ion:252 Resp: 1731769

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

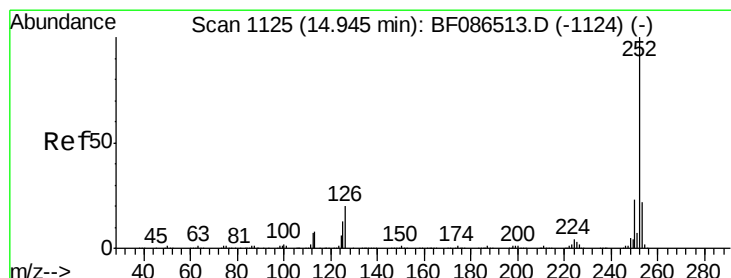
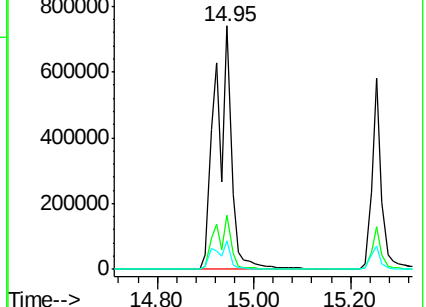
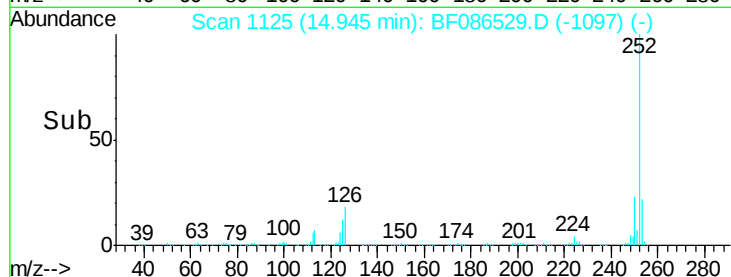
125 11.8 11.4 17.0



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: 79.08 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

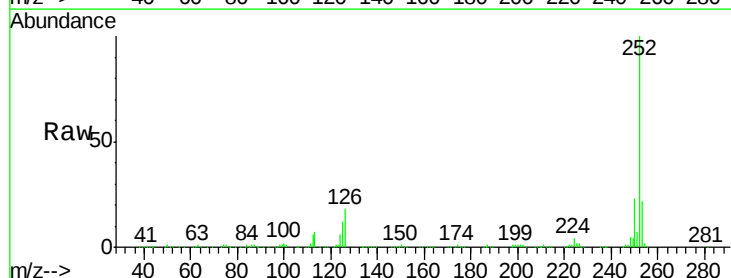
Tgt Ion:252 Resp: 1733759

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

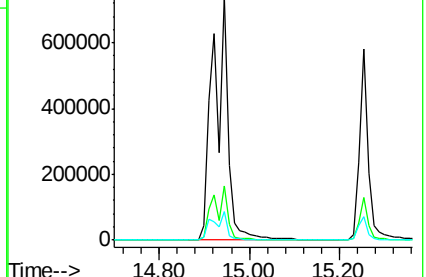
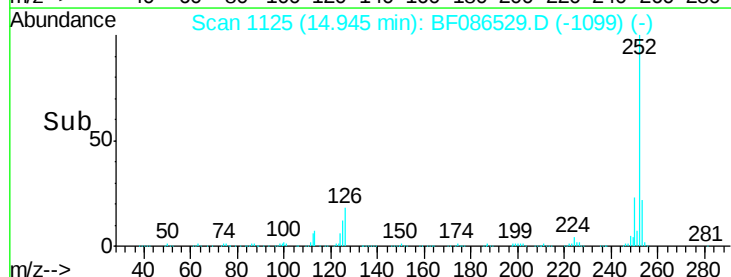
125 11.8 9.1 13.7

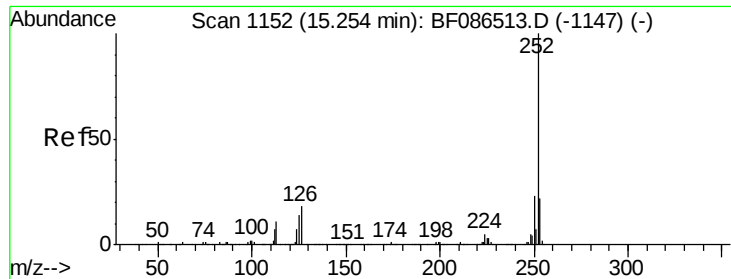


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.33 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

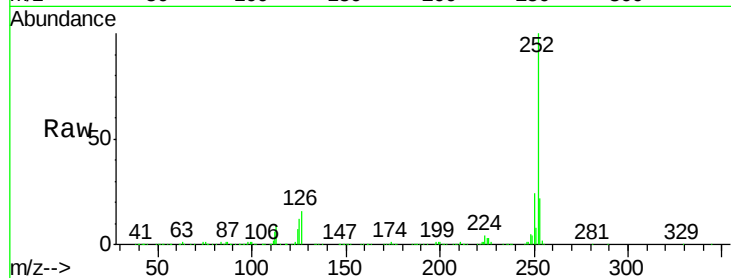
Tot Ion:252 Resp: 800277

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

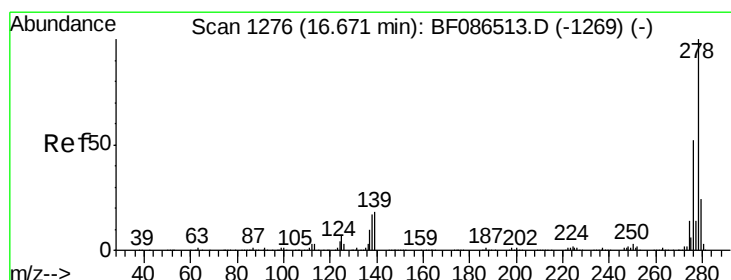
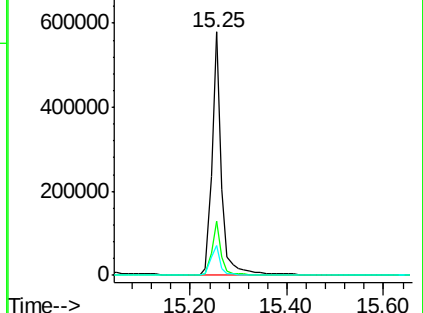
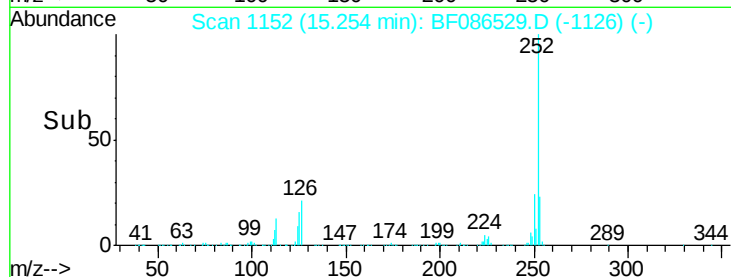
125 12.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.49 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

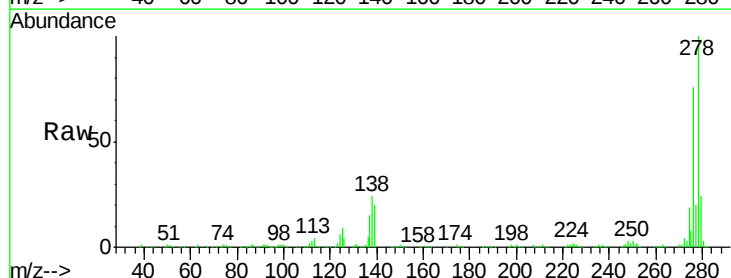
Tgt Ion:278 Resp: 706228

Ion Ratio Lower Upper

278 100

139 20.5 16.6 24.8

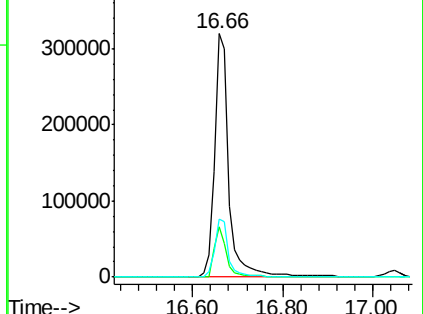
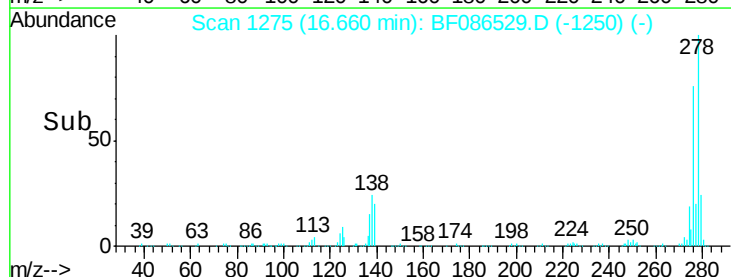
279 23.7 19.6 29.4

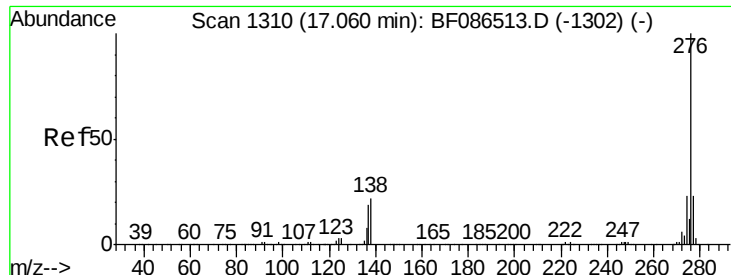


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.15 ng

RT: 17.05 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

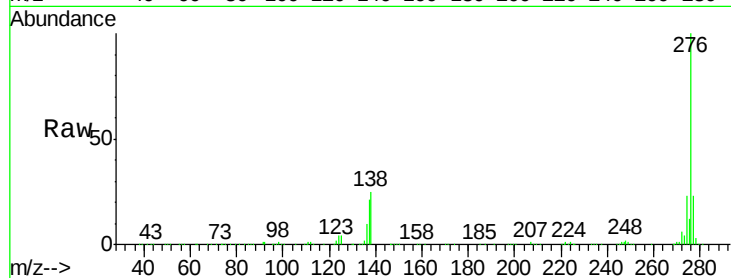
Tot Ion: 276 Resp: 718445

Ion Ratio Lower Upper

276 100

277 23.2 19.6 29.4

138 25.3 23.6 35.4



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

