

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086313.D
 Acq On : 20 Apr 2016 17:19
 Operator : UM/SJ
 Sample : PB89945BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Quant Time: Apr 21 00:57:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	255992	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1026329	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	474198	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	805892	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	443718	20.00	ng	-0.03
86) Perylene-d12	15.44	264	437020	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1695719	115.57	ng	-0.01
7) Phenol-d6	6.50	99	2202327	114.70	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1534803	85.64	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	459820	124.41	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2323687	96.48	ng	-0.03
78) Terphenyl-d14	12.97	244	1607658	86.24	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	252613	31.78	ng	96
3) Pyridine	3.28	79	781767	38.42	ng	97
4) n-Nitrosodimethylamine	3.22	42	294521	42.01	ng	81
6) Aniline	6.53	93	536500	20.76	ng	94
8) 2-Chlorophenol	6.65	128	662739	38.03	ng	90
9) Benzaldehyde	6.41	77	163084	11.98	ng	98
10) Phenol	6.51	94	880827	40.03	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	743866	38.70	ng	90
12) 1,3-Dichlorobenzene	6.88	146	739787	38.69	ng	99
13) 1,4-Dichlorobenzene	6.88	146	748403	36.63	ng	98
14) 1,2-Dichlorobenzene	7.04	146	674268	37.20	ng	98
15) Benzyl Alcohol	7.01	79	516506	43.30	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1052660	38.93	ng	89
17) 2-Methylphenol	7.12	107	602539	41.36	ng	99
18) Hexachloroethane	7.38	117	262598	43.12	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	454587	39.09	ng	# 82
20) 3+4-Methylphenols	7.28	107	658124	41.65	ng	# 80
22) Acetophenone	7.28	105	902884	41.88	ng	# 89
24) Nitrobenzene	7.45	77	750883	39.17	ng	97
25) Isophorone	7.69	82	1386233	40.83	ng	99
26) 2-Nitrophenol	7.77	139	407716	47.54	ng	# 75
27) 2,4-Dimethylphenol	7.80	122	706039	41.98	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	906877	45.67	ng	99
29) 2,4-Dichlorophenol	8.01	162	603071	45.47	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	581533	40.64	ng	99
31) Naphthalene	8.17	128	2007075	41.02	ng	99
32) Benzoic acid	7.93	122	429391	42.96	ng	96
33) 4-Chloroaniline	8.22	127	279932	13.82	ng	# 93
34) Hexachlorobutadiene	8.29	225	294210	40.80	ng	99
35) Caprolactam	8.59	113	132121	30.76	ng	# 76
36) 4-Chloro-3-methylphenol	8.70	107	655893	43.98	ng	94
37) 2-Methylnaphthalene	8.86	142	1310350	43.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	479601	38.00	ng	97
40) Hexachlorocyclopentadiene	9.01	237	373903	119.65	ng	99

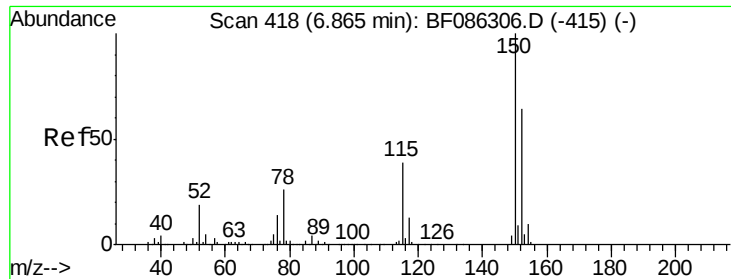
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086313.D
 Acq On : 20 Apr 2016 17:19
 Operator : UM/SJ
 Sample : PB89945BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Quant Time: Apr 21 00:57:09 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	361336	41.27	ng	97
43) 2,4,5-Trichlorophenol	9.18	196	401863	42.14	ng #	92
45) 1,1'-Biphenyl	9.33	154	1534545	41.21	ng	96
46) 2-Chloronaphthalene	9.36	162	1204808	42.69	ng	94
47) 2-Nitroaniline	9.45	65	421059	43.90	ng #	85
48) Acenaphthylene	9.77	152	1894991	43.00	ng	99
49) Dimethylphthalate	9.63	163	1379603	38.21	ng	100
50) 2,6-Dinitrotoluene	9.69	165	307632	41.41	ng #	71
51) Acenaphthene	9.94	154	1215981	47.04	ng	98
52) 3-Nitroaniline	9.86	138	191594	20.28	ng	86
53) 2,4-Dinitrophenol	9.96	184	234066	145.05	ng	94
54) Dibenzofuran	10.11	168	1574110	44.78	ng	95
55) 4-Nitrophenol	10.02	139	519659	88.71	ng	89
56) 2,4-Dinitrotoluene	10.09	165	408200	44.21	ng #	60
57) Fluorene	10.45	166	1137273	43.66	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	323073	50.49	ng	92
59) Diethylphthalate	10.33	149	1364895	38.74	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	484676	40.18	ng	94
61) 4-Nitroaniline	10.48	138	336641	38.07	ng #	82
62) Azobenzene	10.60	77	1519360	43.75	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	165900	63.26	ng #	65
65) n-Nitrosodiphenylamine	10.57	169	1120901	42.22	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	330492	38.17	ng #	88
67) Hexachlorobenzene	11.00	284	346509	39.87	ng #	70
68) Atrazine	11.09	200	338359	41.46	ng	97
69) Pentachlorophenol	11.20	266	390768	85.83	ng	98
70) Phenanthrene	11.41	178	1673482	43.82	ng	99
71) Anthracene	11.46	178	1677276	41.01	ng	99
72) Carbazole	11.62	167	1694096	43.77	ng	98
73) Di-n-butylphthalate	11.95	149	2023561	40.61	ng	100
74) Fluoranthene	12.59	202	1453654	41.05	ng	99
76) Benzidine	12.72	184	585759	29.90	ng	97
77) Pyrene	12.82	202	1396370	42.42	ng	99
79) Butylbenzylphthalate	13.45	149	806557	46.42	ng	97
80) Benzo(a)anthracene	14.01	228	998297	42.71	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	302528	18.71	ng #	98
82) Chrysene	14.04	228	943883	37.36	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	904435	44.45	ng	99
84) Di-n-octyl phthalate	14.61	149	1578310	43.04	ng	98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1039077	40.00	ng	96
87) Benzo(b)fluoranthene	15.04	252	2059637	81.48	ng	99
88) Benzo(k)fluoranthene	15.04	252	2059637	96.79	ng #	98
89) Benzo(a)pyrene	15.38	252	1020218	43.79	ng	97
90) Dibenzo(a,h)anthracene	16.85	278	879362	43.24	ng	96
91) Benzo(g,h,i)perylene	17.25	276	859979	44.10	ng #	94

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

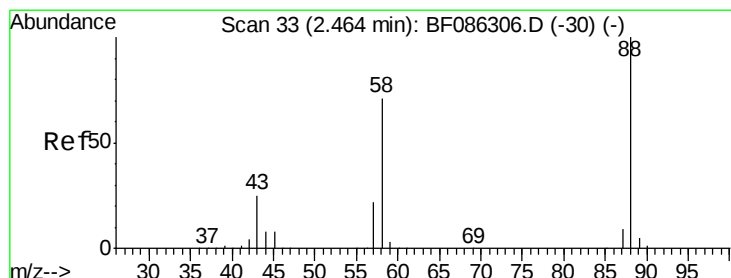
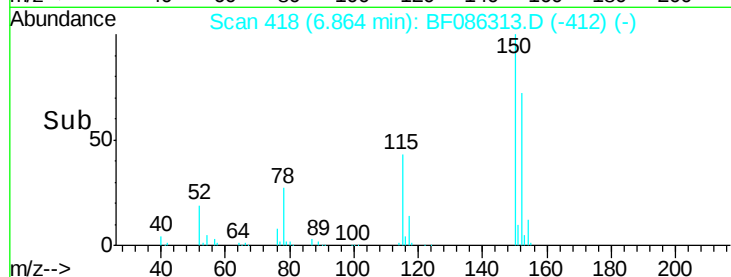
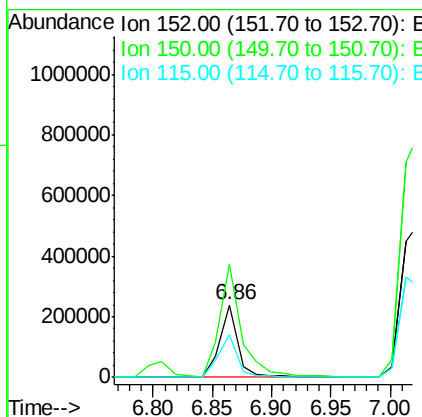
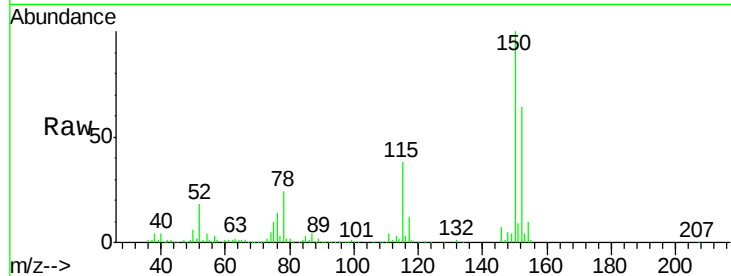


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

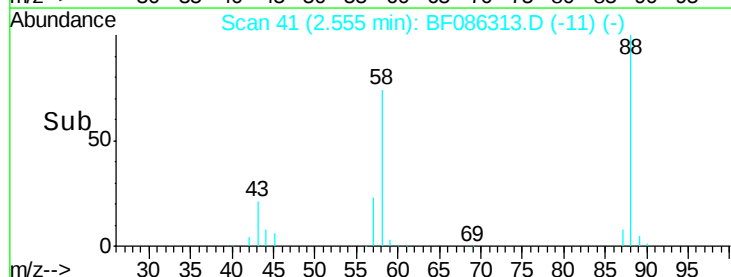
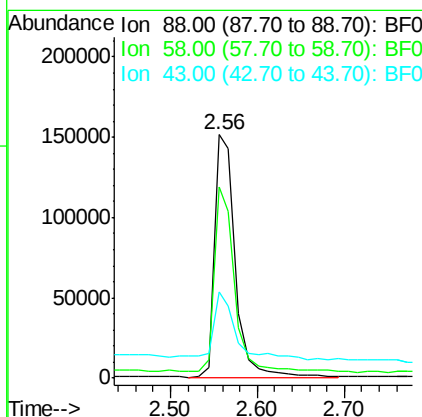
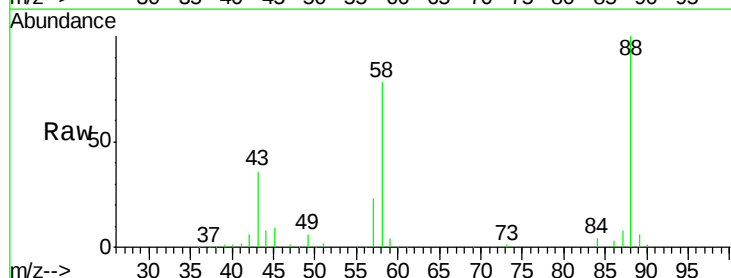
Tgt Ion:152 Resp: 255992
Ion Ratio Lower Upper
152 100
150 155.6 124.1 186.1
115 59.0 43.9 65.9

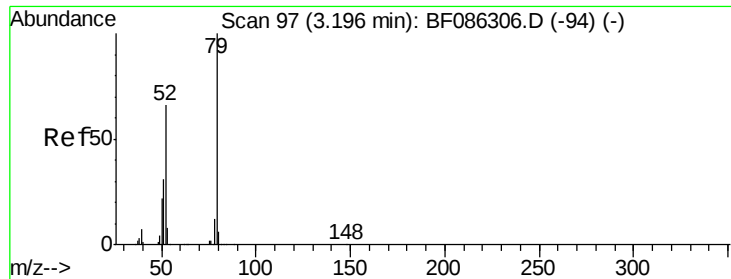


#2

1,4-Dioxane
Concen: 31.78 ng
RT: 2.56 min Scan# 41
Delta R.T. 0.05 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion: 88 Resp: 252613
Ion Ratio Lower Upper
88 100
58 75.9 58.4 87.6
43 31.5 23.3 34.9





#3

Pyridine

Concen: 38.42 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

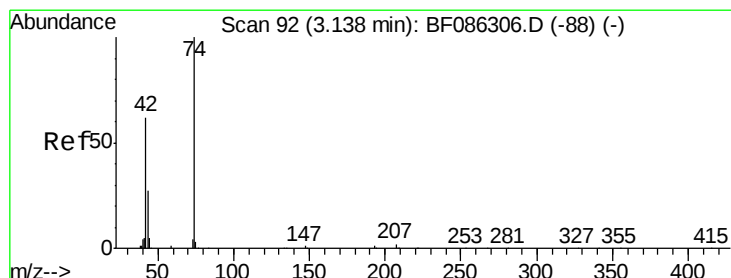
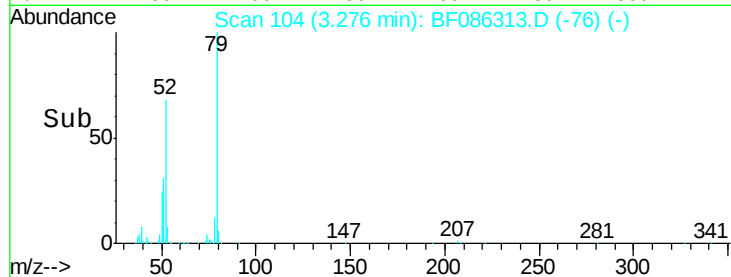
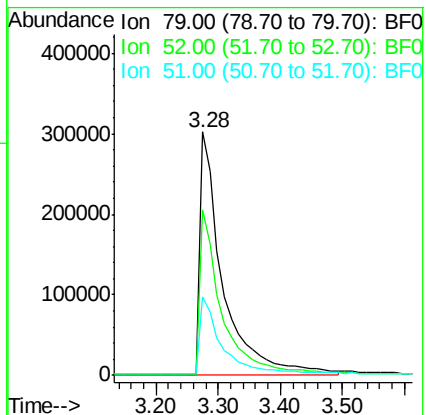
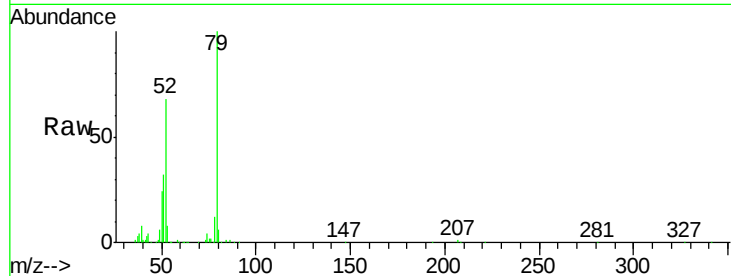
Tgt Ion: 79 Resp: 781767

Ion Ratio Lower Upper

79 100

52 68.0 55.4 83.2

51 32.0 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 42.01 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

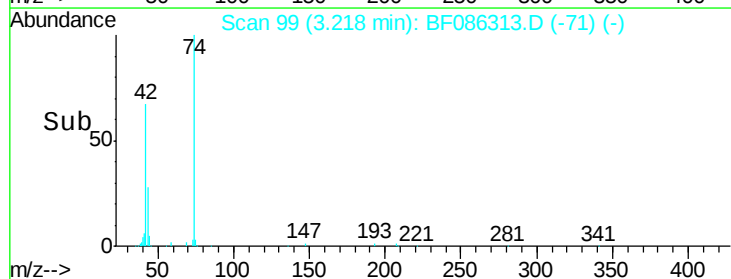
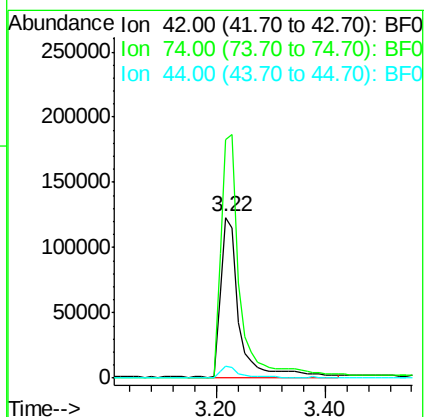
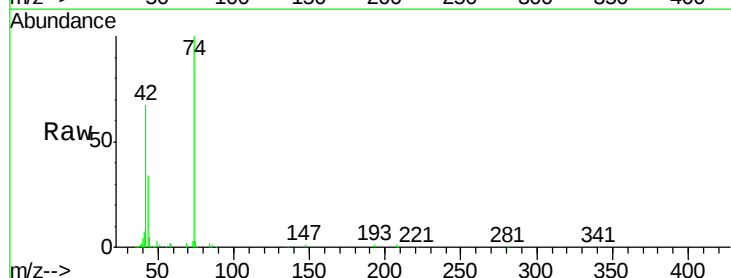
Tgt Ion: 42 Resp: 294521

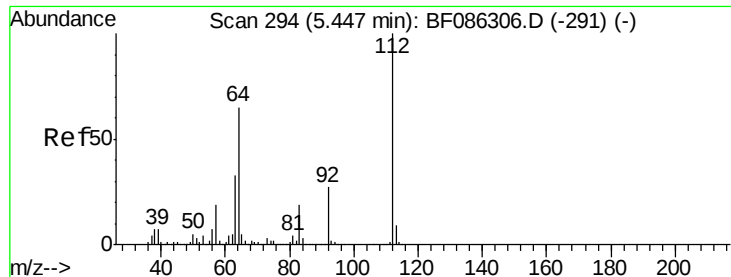
Ion Ratio Lower Upper

42 100

74 148.7 100.5 150.7

44 7.3 5.4 8.0





#5

2-Fluorophenol

Concen: 115.57 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

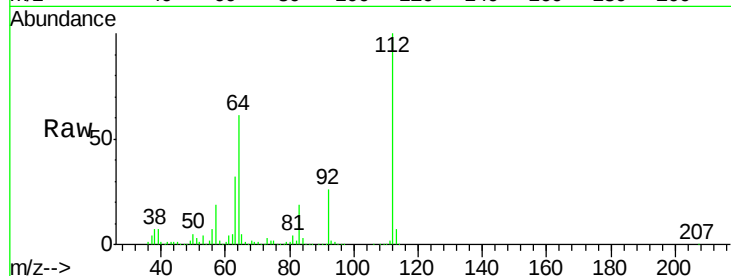
Tgt Ion: 112 Resp: 1695719

Ion Ratio Lower Upper

112 100

64 61.0 48.1 72.1

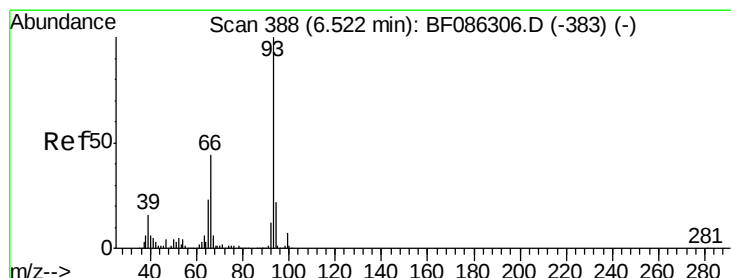
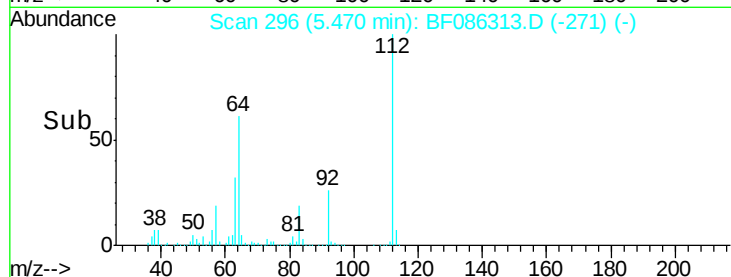
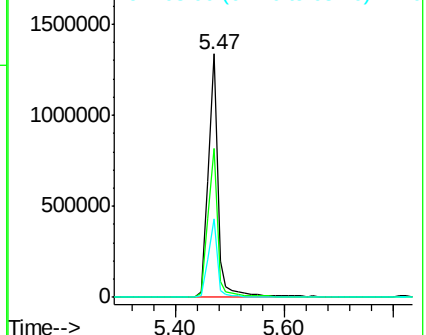
63 32.2 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.76 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

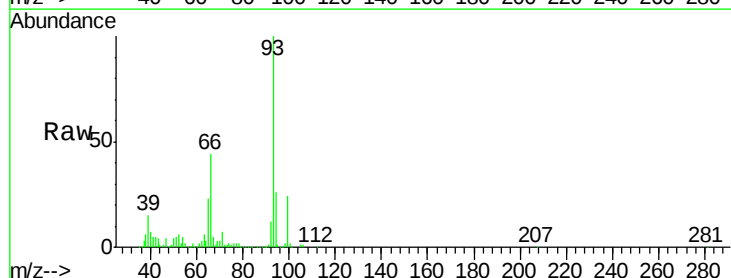
Tgt Ion: 93 Resp: 536500

Ion Ratio Lower Upper

93 100

66 43.9 32.2 48.2

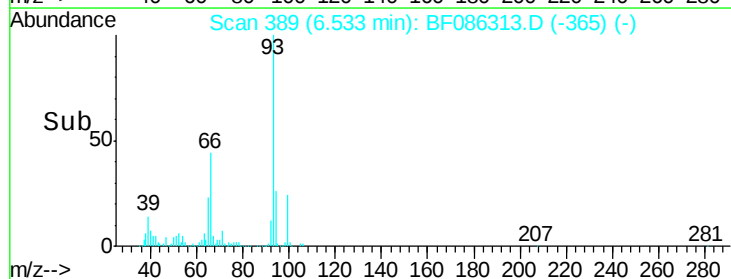
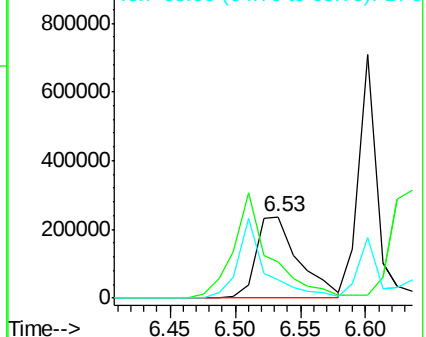
65 23.1 16.4 24.6

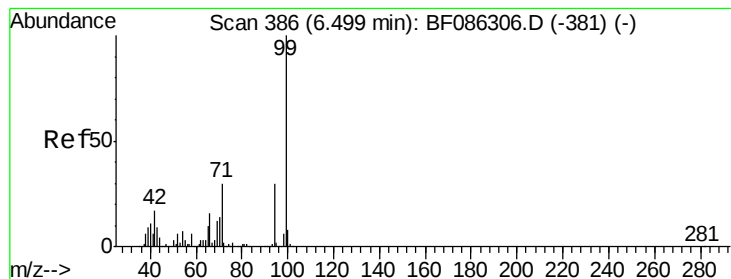


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.70 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

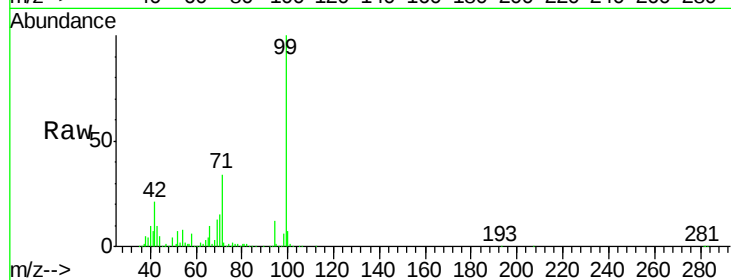
BNA_F

ClientSampleId :

PB89945BS

Tgt Ion: 99 Resp: 2202327

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.4	23.2
71	33.9	25.6	38.4

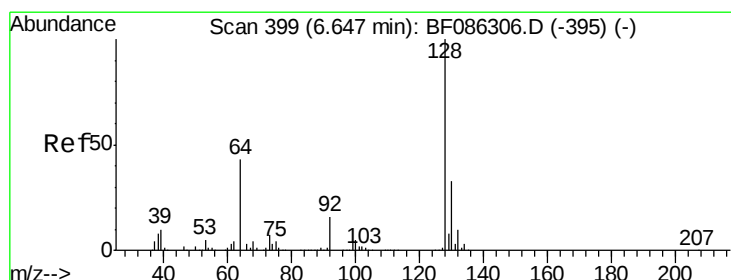
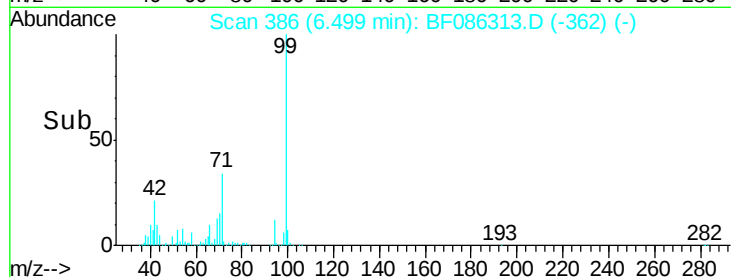
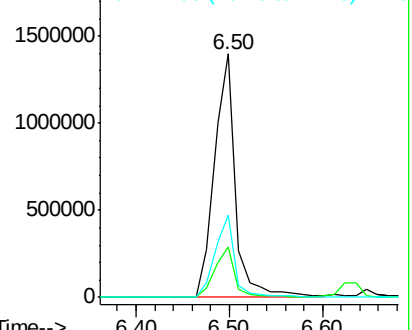


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.03 ng

RT: 6.65 min Scan# 399

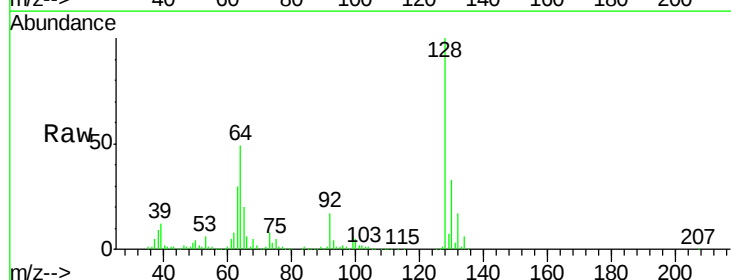
Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion: 128 Resp: 662739

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.8	51.8
64	48.6	39.5	79.5

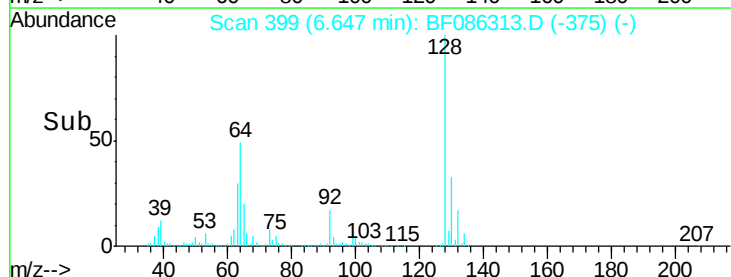
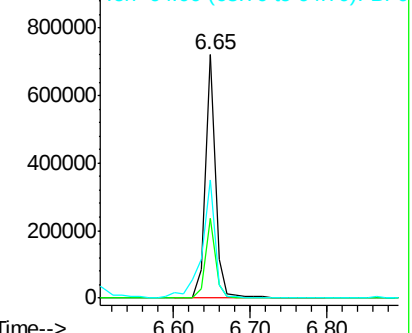


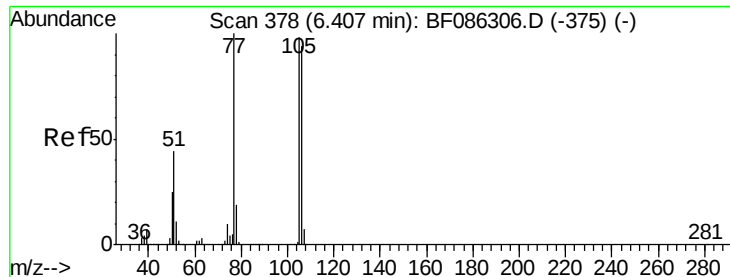
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.98 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

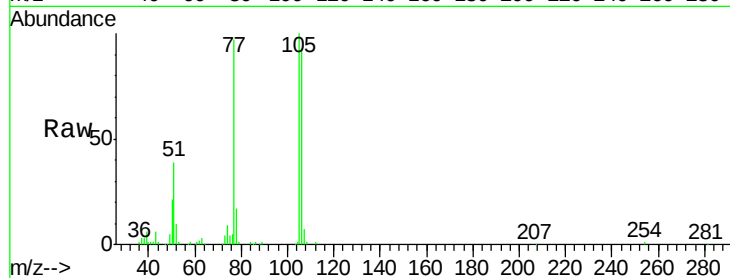
Tgt Ion: 77 Resp: 163084

Ion Ratio Lower Upper

77 100

105 103.1 84.6 124.6

106 96.3 78.6 118.6

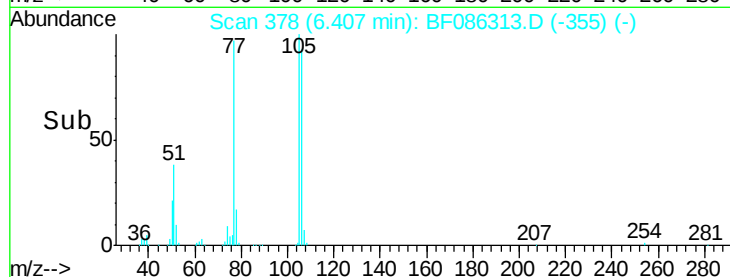


Abundance Ion 77.00 (76.70 to 77.70): BF0

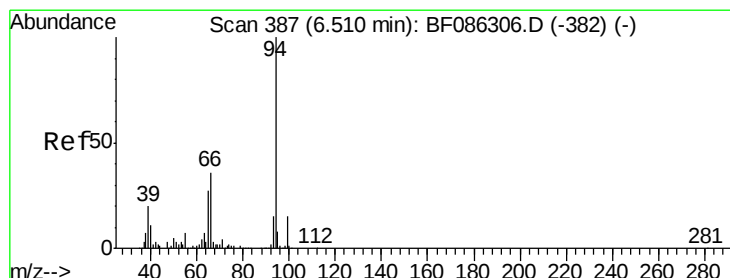
Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

6.41



Time-->



#10

Phenol

Concen: 40.03 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

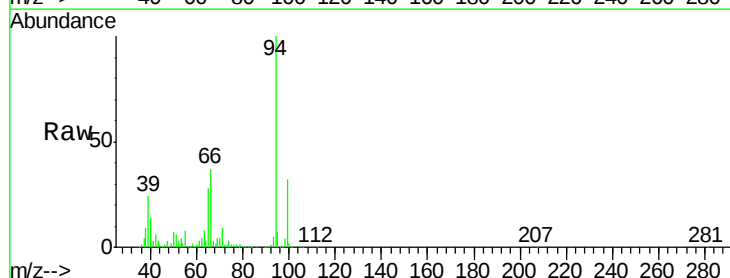
Tgt Ion: 94 Resp: 880827

Ion Ratio Lower Upper

94 100

65 28.5 7.9 47.9

66 37.2 16.5 56.5

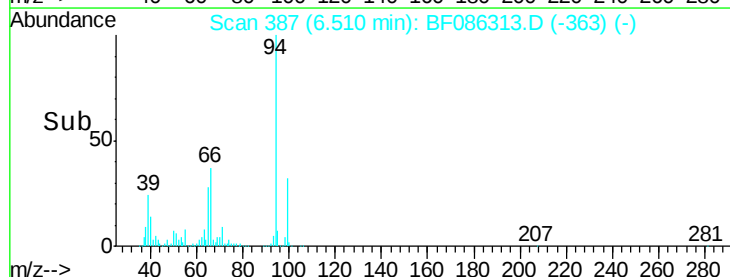


Abundance Ion 94.00 (93.70 to 94.70): BF0

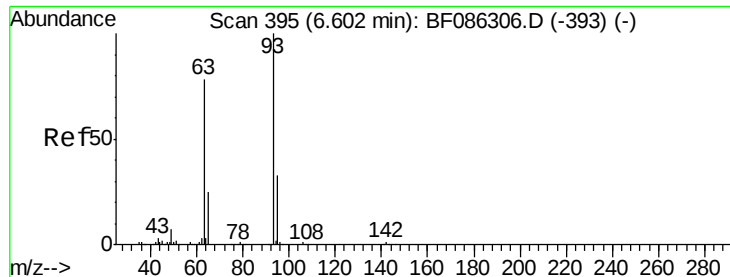
Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

6.51



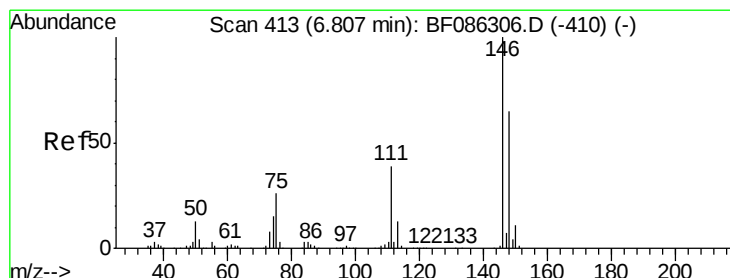
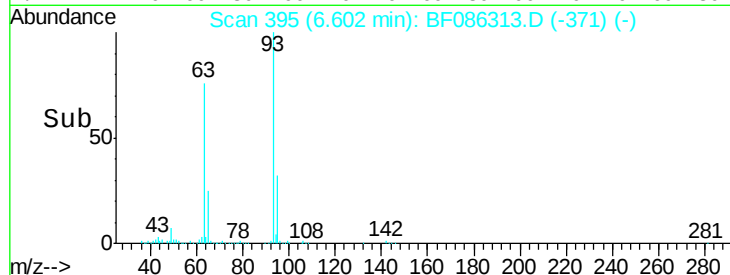
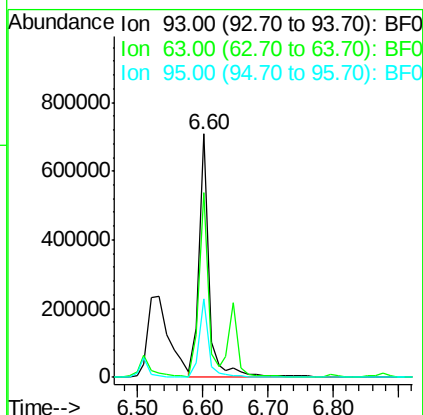
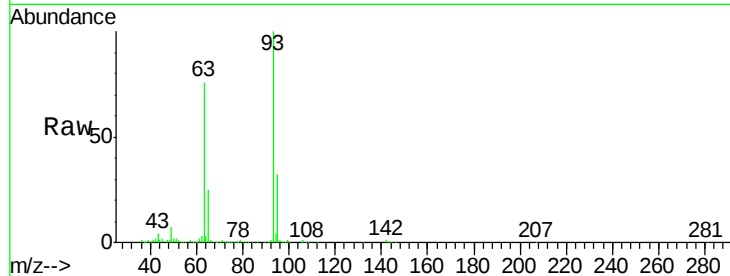
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 38.70 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

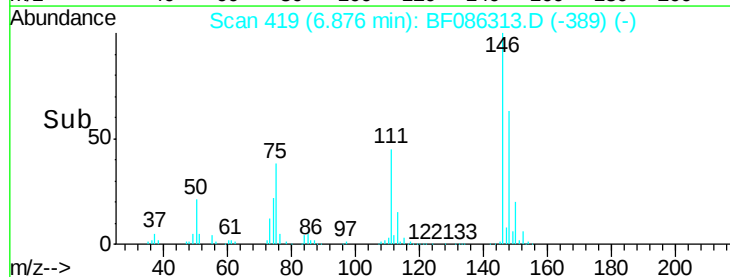
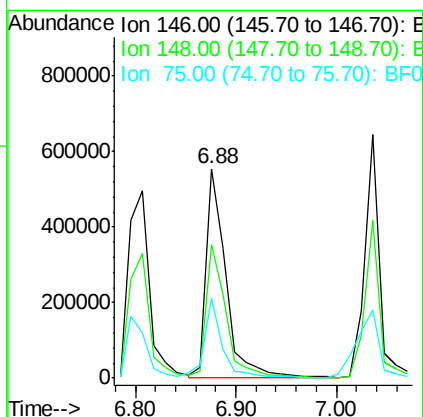
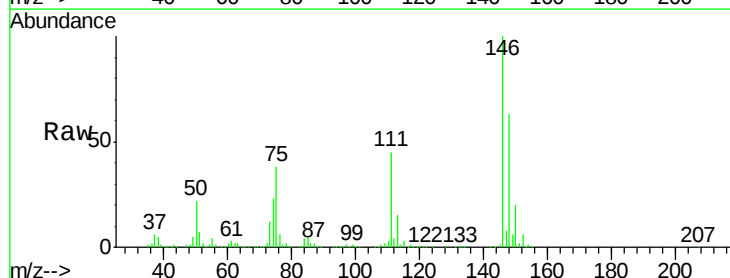
Instrument :
BNA_F
ClientSampleId :
PB89945BS

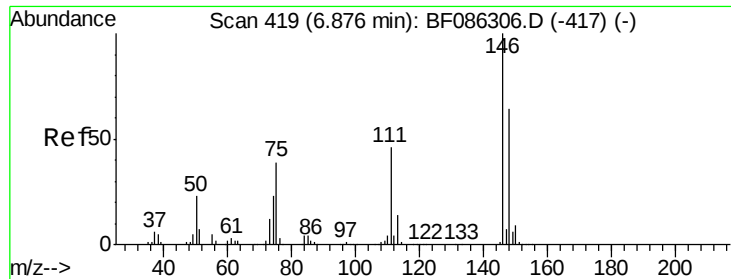
Tgt Ion:	93	Resp:	743866
Ion	Ratio	Lower	Upper
93	100		
63	76.1	44.4	84.4
95	32.1	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 38.69 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.05 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:	146	Resp:	739787
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
75	38.3	29.9	44.9

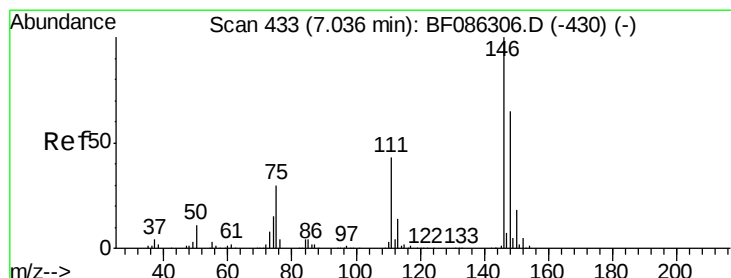
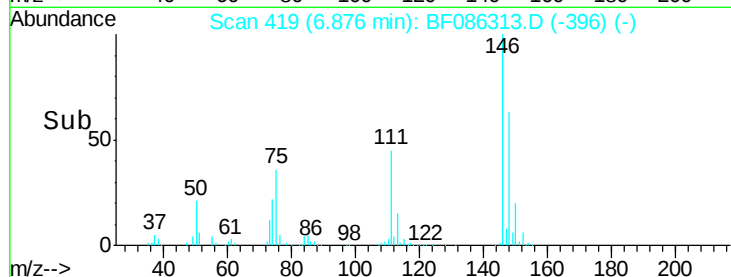
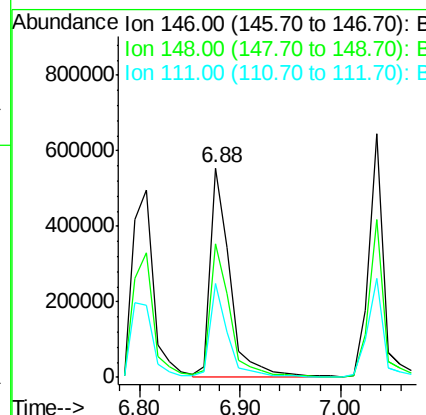
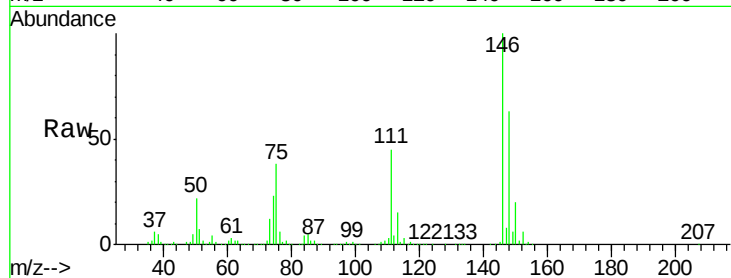




#13
 1,4-Dichlorobenzene
 Concen: 36.63 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

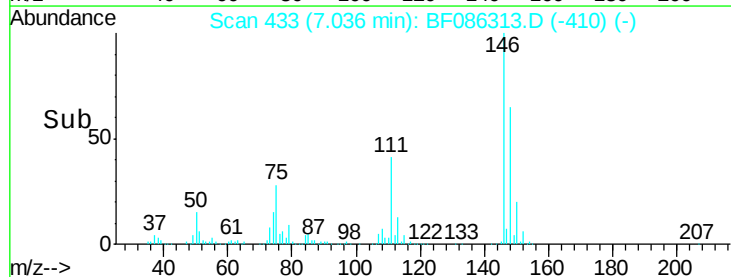
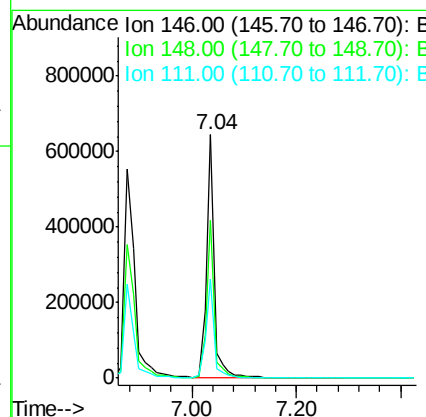
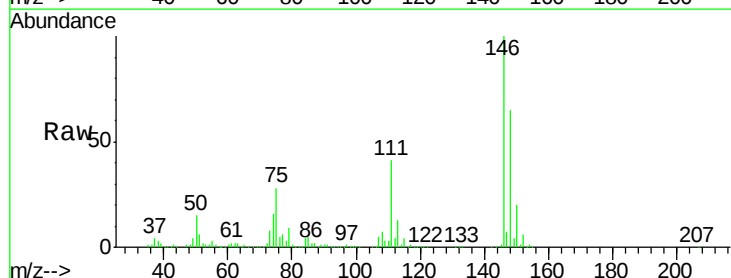
Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

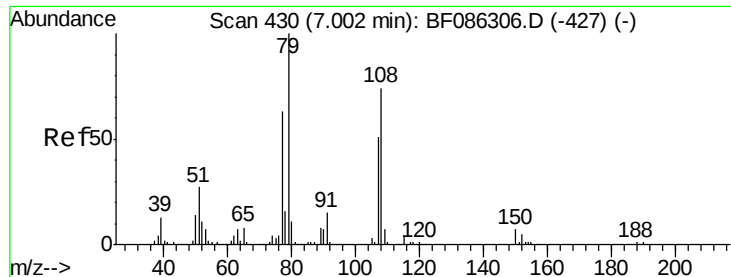
Tgt Ion:146 Resp: 748403
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 44.8 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 37.20 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:146 Resp: 674268
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 40.7 31.0 46.4





#15

Benzyl Alcohol

Concen: 43.30 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

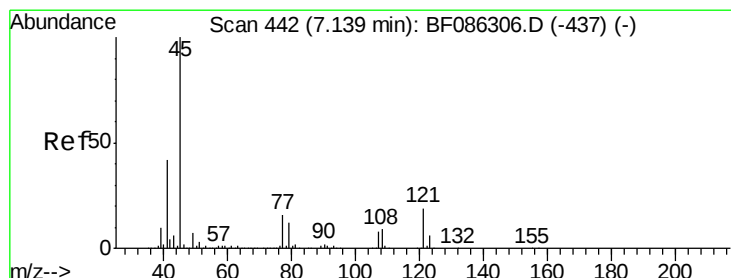
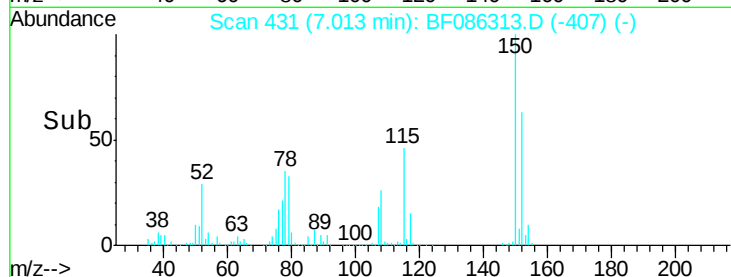
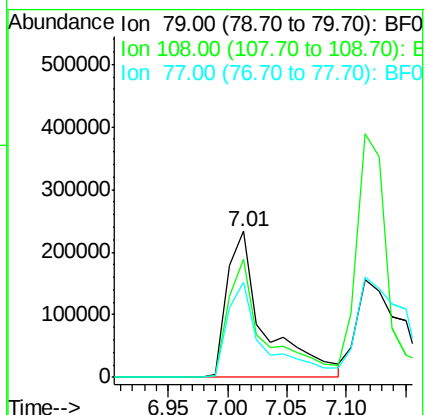
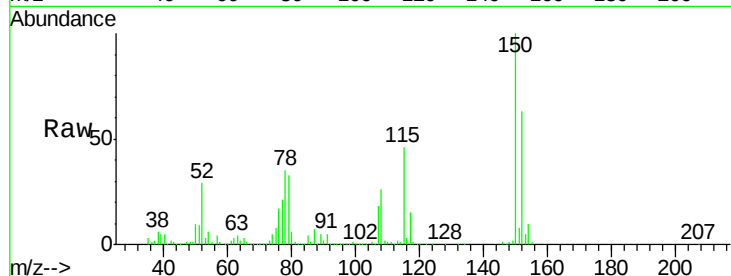
Tgt Ion: 79 Resp: 516506

Ion Ratio Lower Upper

79 100

108 80.8 64.8 97.2

77 64.9 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.93 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

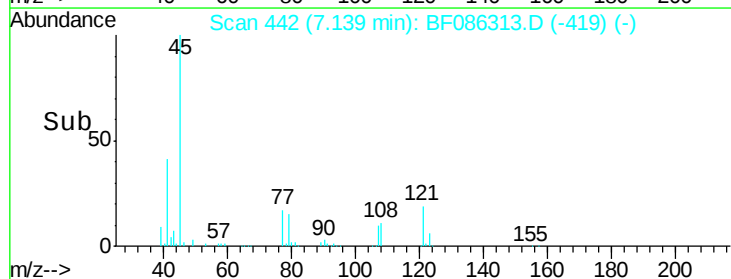
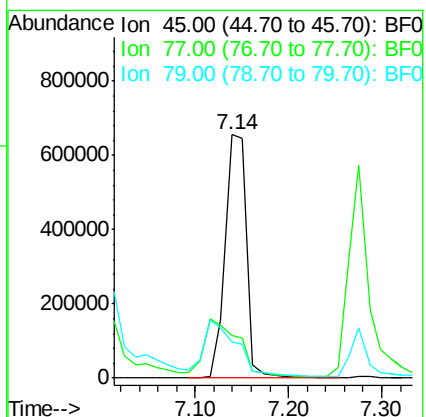
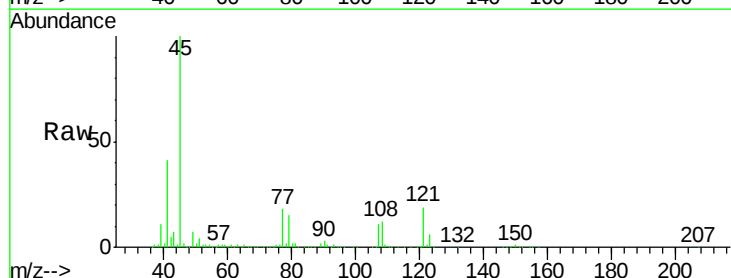
Tgt Ion: 45 Resp: 1052660

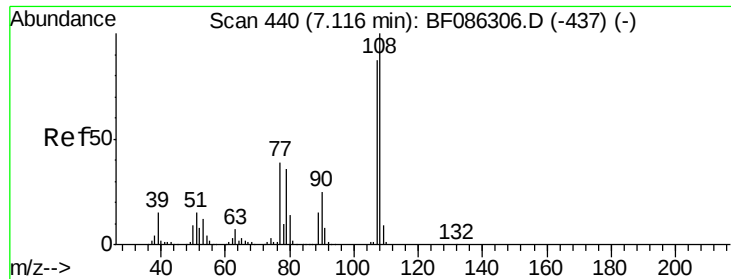
Ion Ratio Lower Upper

45 100

77 17.7 0.0 33.7

79 14.7 0.0 30.1

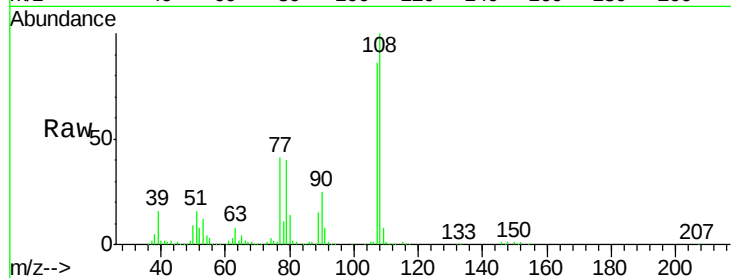




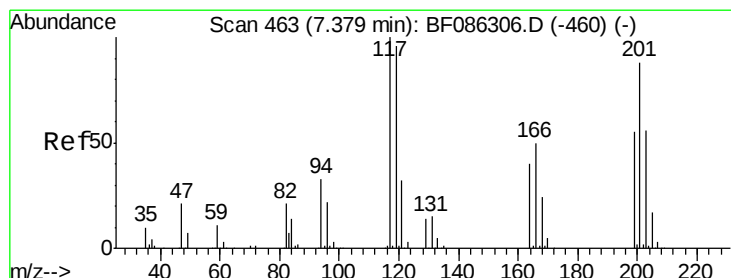
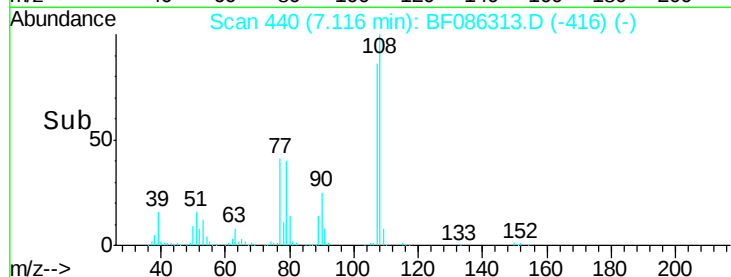
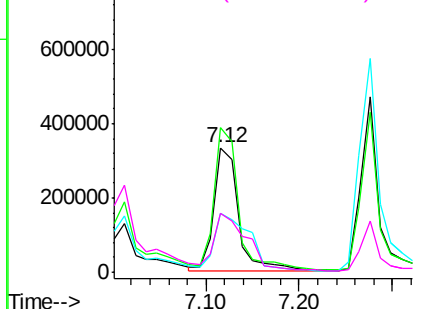
#17
 2-Methylphenol
 Concen: 41.36 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion:	107	Resp:	602539
Ion	Ratio	Lower	Upper
107	100		
108	116.2	92.7	139.1
77	47.6	39.6	59.4
79	46.9	37.4	56.2

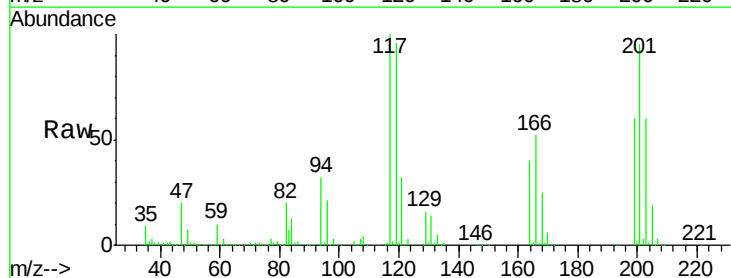


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

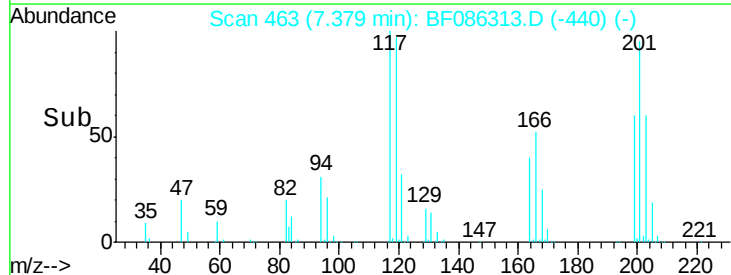
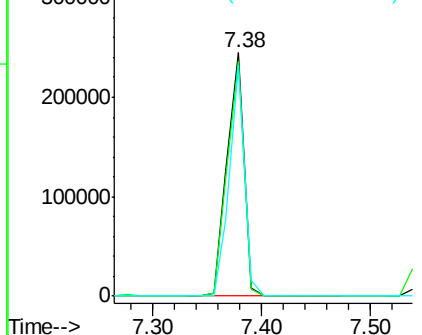


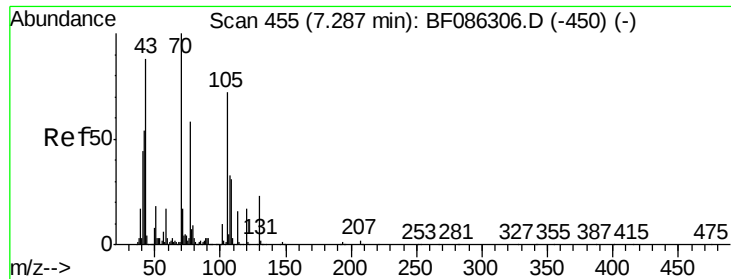
#18
 Hexachloroethane
 Concen: 43.12 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:	117	Resp:	262598
Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.4
201	94.7	75.7	113.5



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

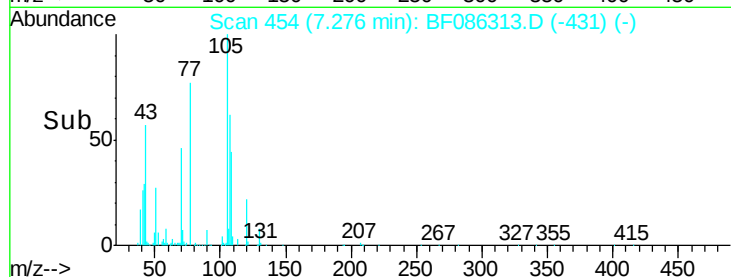
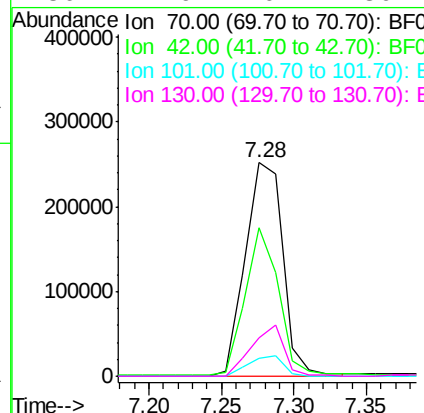
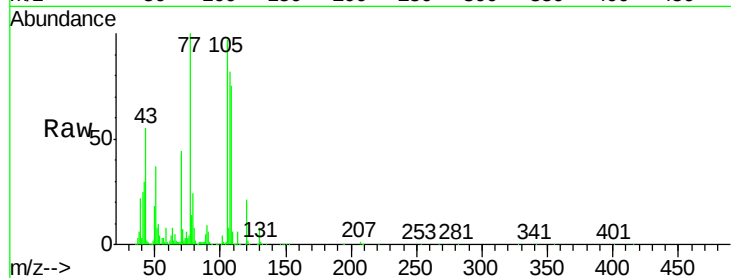




#19
n-Nitroso-di-n-propylamine
Concen: 39.09 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

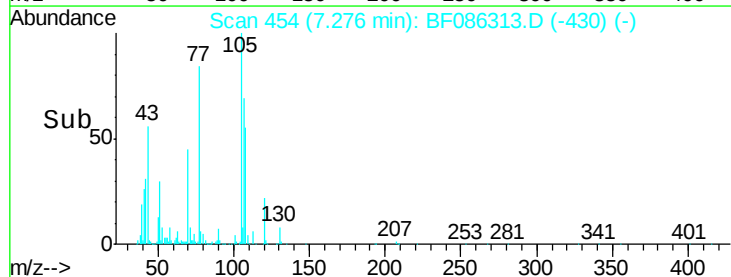
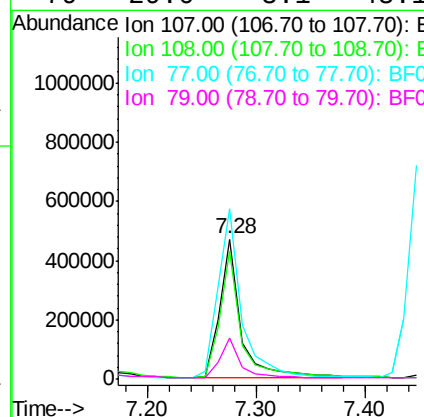
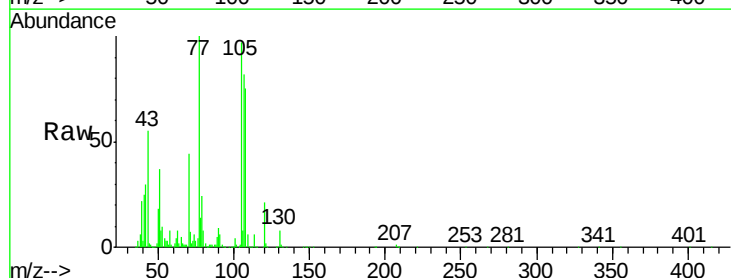
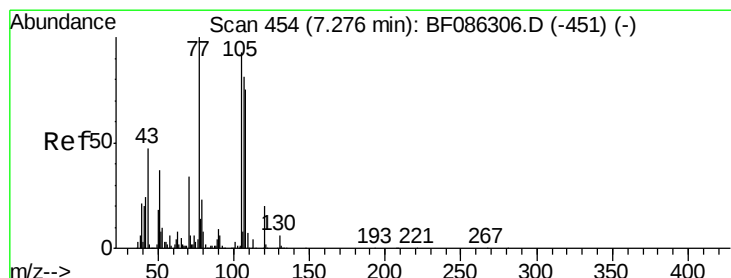
Instrument :
BNA_F
ClientSampleId :
PB89945BS

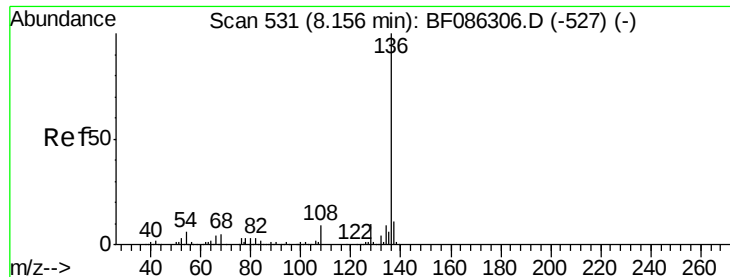
Tgt Ion:	70	Resp:	454587
Ion	Ratio	Lower	Upper
70	100		
42	69.4	43.0	64.4#
101	8.7	8.1	12.1
130	17.9	20.1	30.1#



#20
3+4-Methylphenols
Concen: 41.65 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:	107	Resp:	658124
Ion	Ratio	Lower	Upper
107	100		
108	91.4	69.7	109.7
77	121.8	60.5	100.5#
79	29.0	8.1	48.1

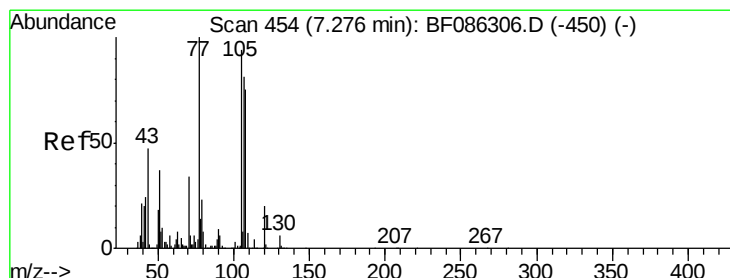
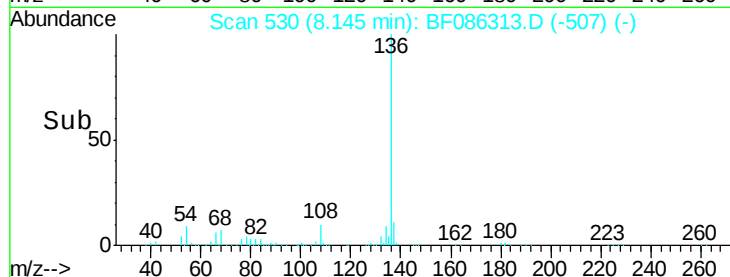
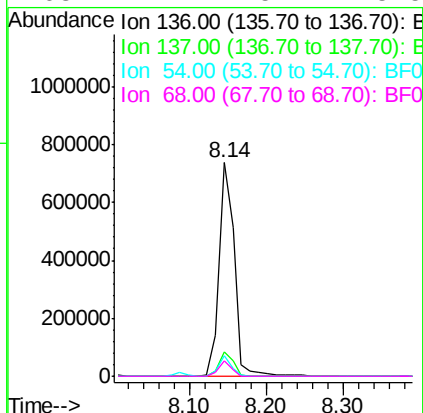
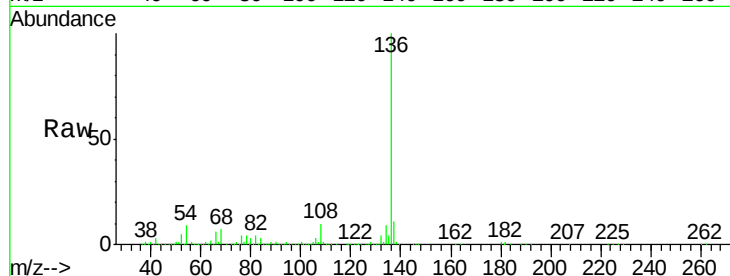




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

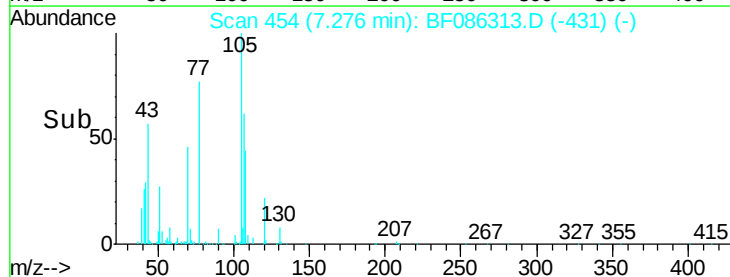
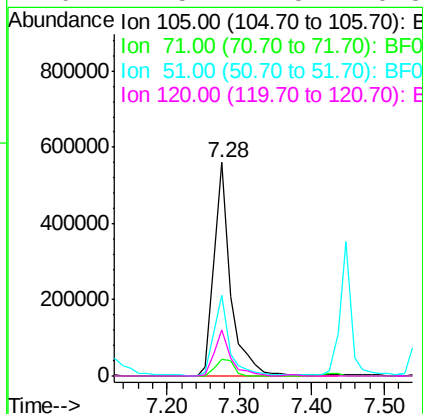
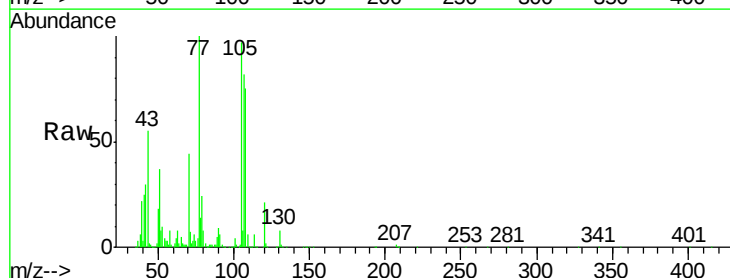
Instrument :
BNA_F
ClientSampled :
PB89945BS

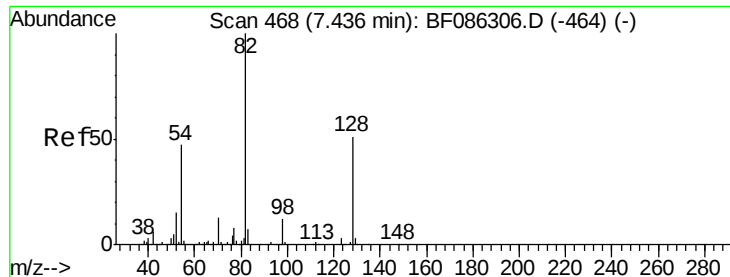
Tgt Ion:	136	Resp:	1026329
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.5	7.3	10.9
68	7.4	5.7	8.5



#22
Acetophenone
Concen: 41.88 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:	105	Resp:	902884
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.0	6.0#
51	37.8	22.0	33.0#
120	21.5	17.5	26.3





#23

Nitrobenzene-d5

Concen: 85.64 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

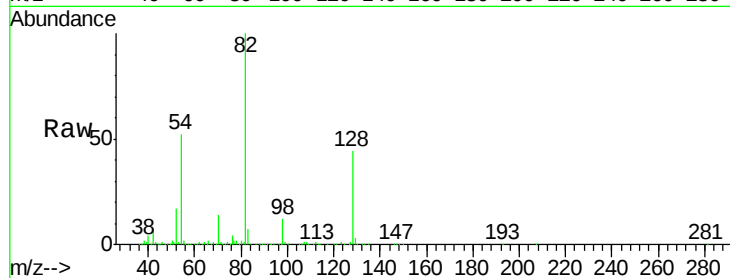
Tgt Ion: 82 Resp: 1534803

Ion Ratio Lower Upper

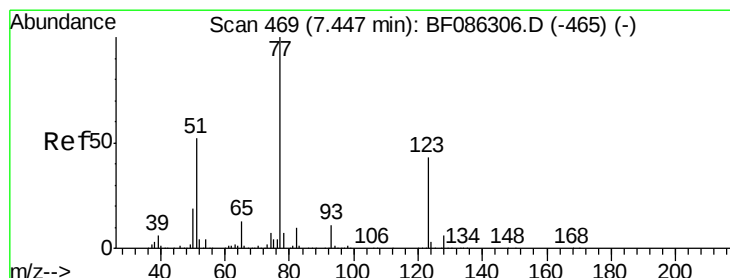
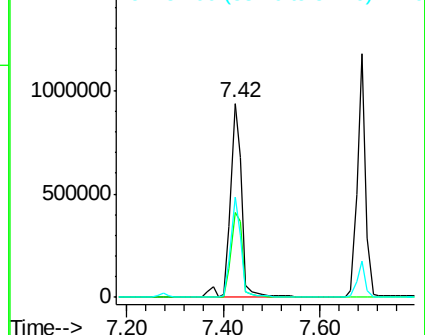
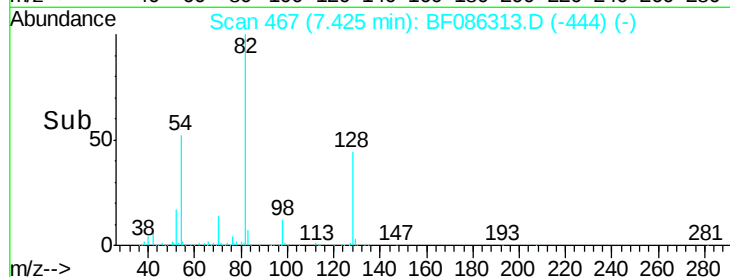
82 100

128 43.9 35.4 53.2

54 51.7 43.4 65.0



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: 39.17 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

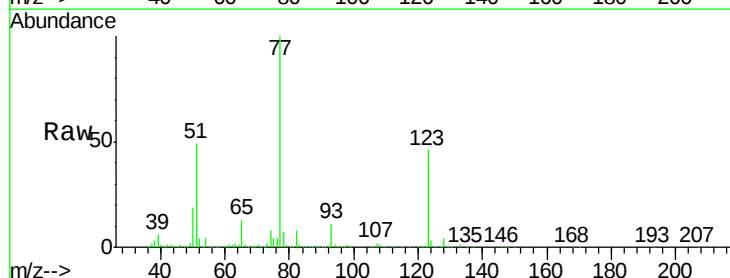
Tgt Ion: 77 Resp: 750883

Ion Ratio Lower Upper

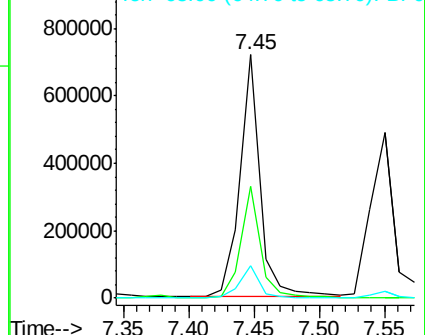
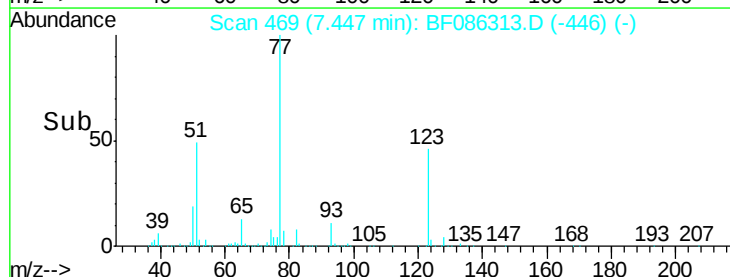
77 100

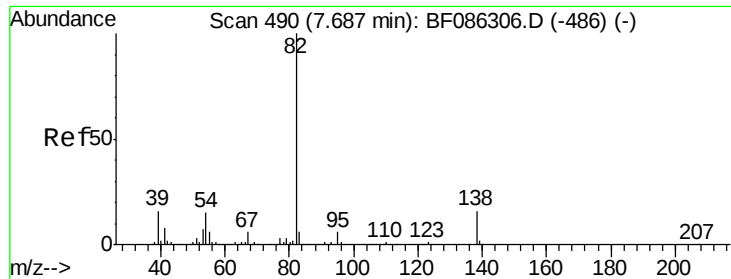
123 45.7 38.3 57.5

65 13.3 11.3 16.9



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: 40.83 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

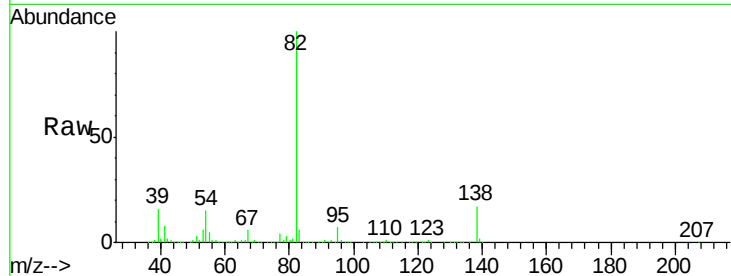
Tgt Ion: 82 Resp: 1386233

Ion Ratio Lower Upper

82 100

95 6.5 5.4 8.2

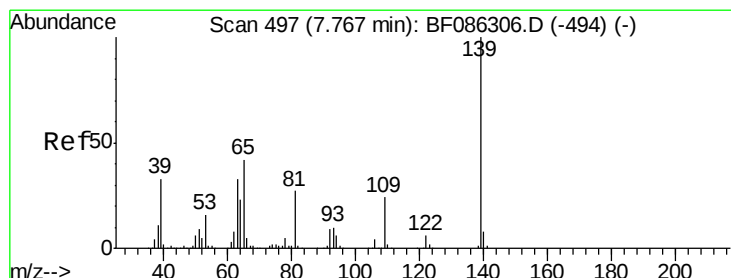
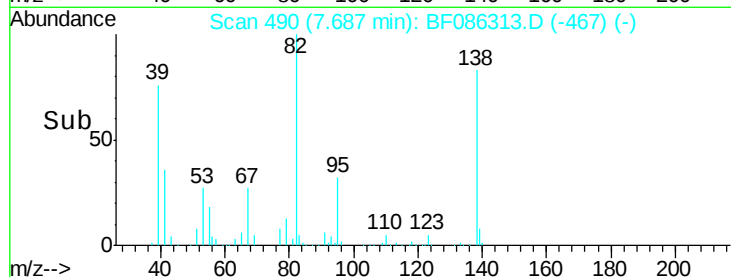
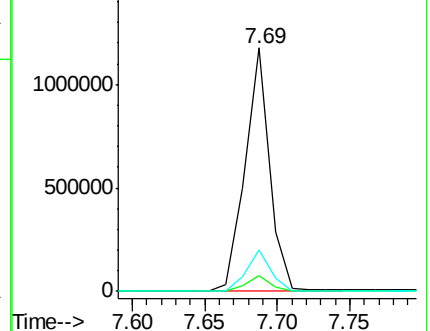
138 17.0 13.4 20.2



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: 47.54 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

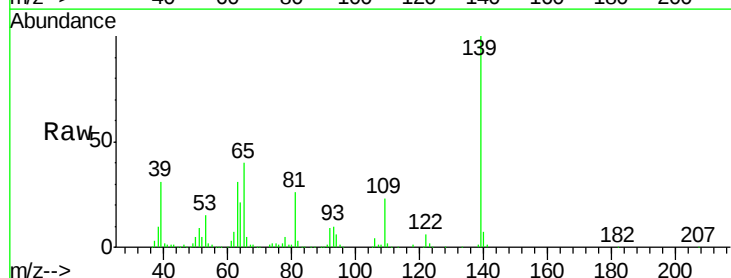
Tgt Ion: 139 Resp: 407716

Ion Ratio Lower Upper

139 100

109 22.9 25.8 38.8#

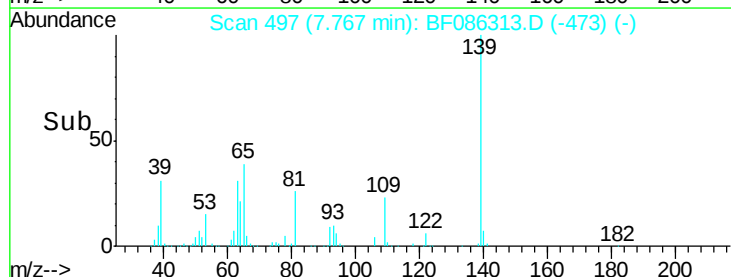
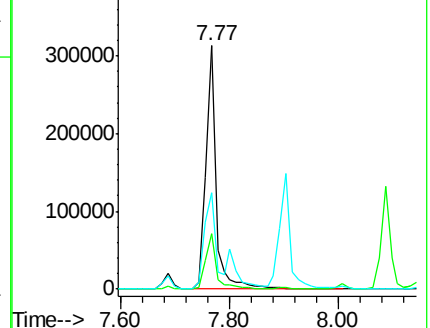
65 39.8 50.2 75.2#

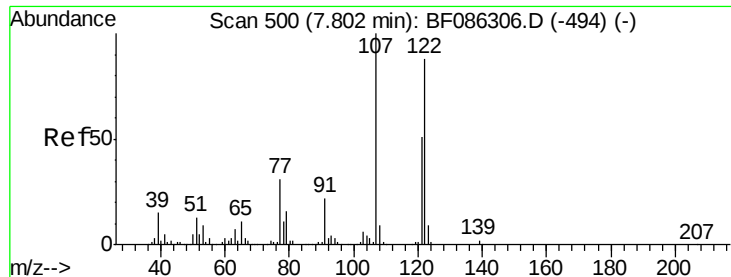


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.98 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

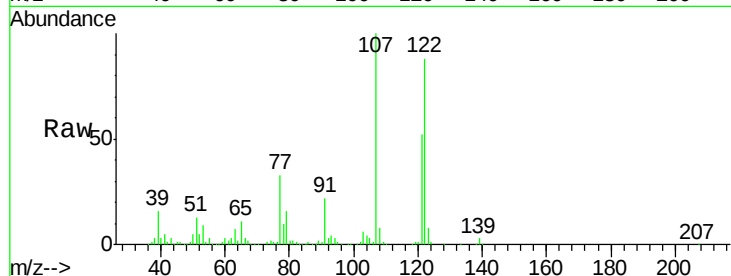
Tgt Ion:122 Resp: 706039

Ion Ratio Lower Upper

122 100

107 113.3 85.8 128.6

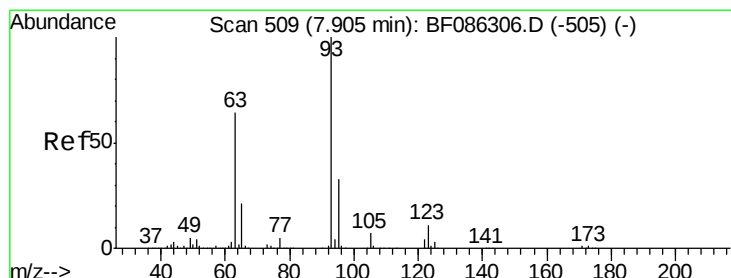
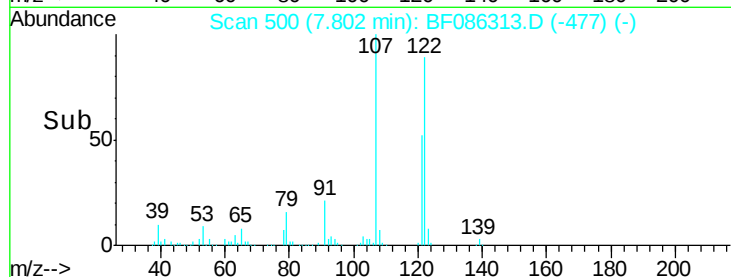
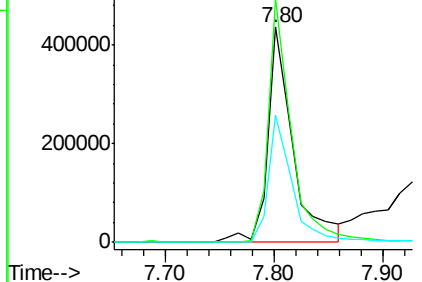
121 59.0 47.1 70.7



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: 45.67 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

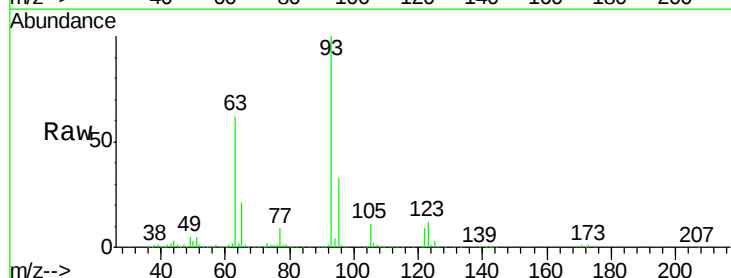
Tgt Ion: 93 Resp: 906877

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

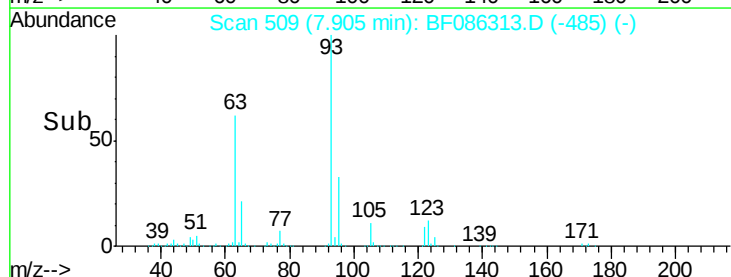
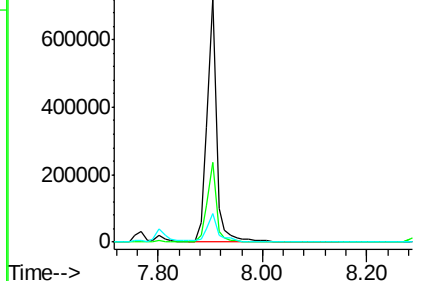
123 12.0 8.9 13.3

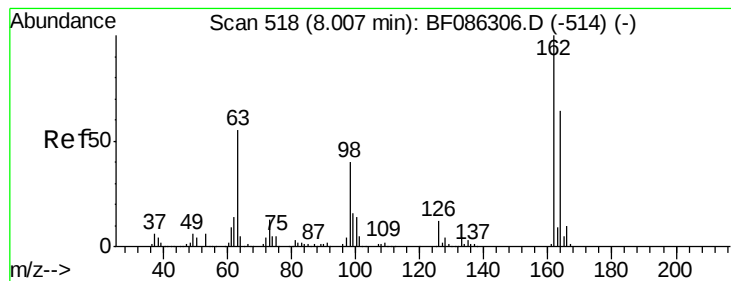


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.47 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

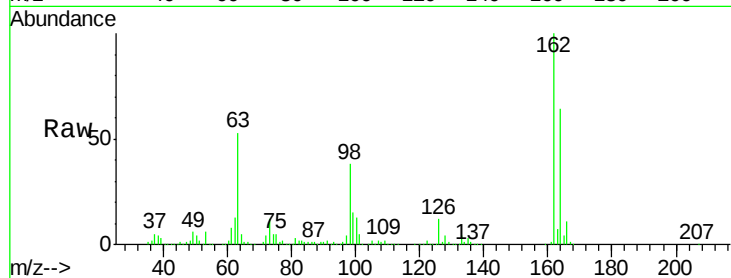
Tgt Ion:162 Resp: 603071

Ion Ratio Lower Upper

162 100

164 63.6 43.3 83.3

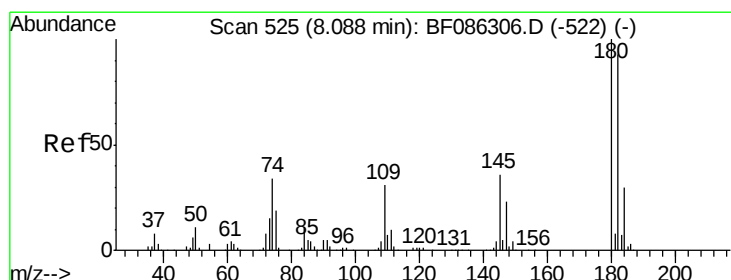
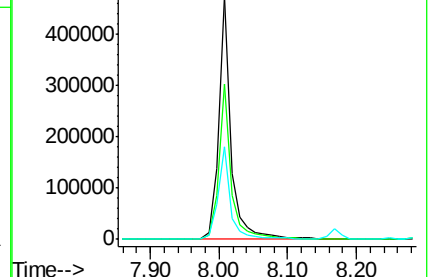
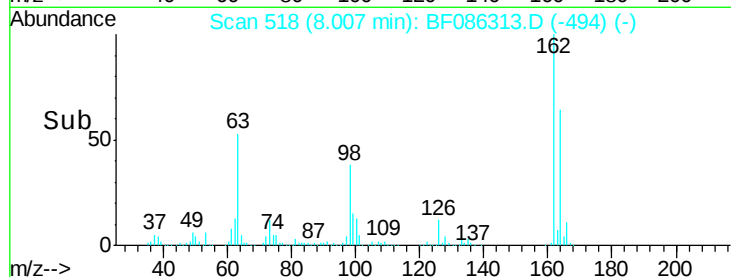
98 37.8 22.9 62.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.64 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

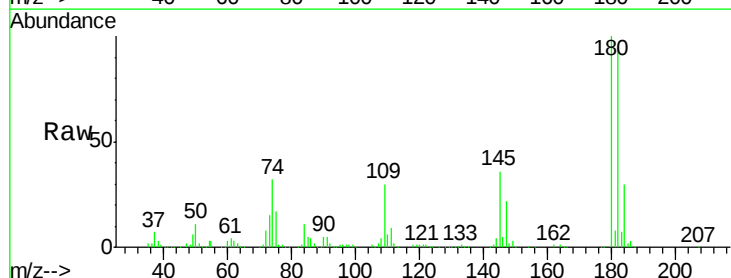
Tgt Ion:180 Resp: 581533

Ion Ratio Lower Upper

180 100

182 95.3 76.3 114.5

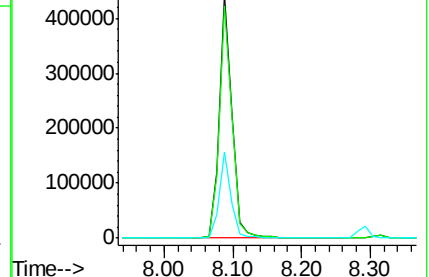
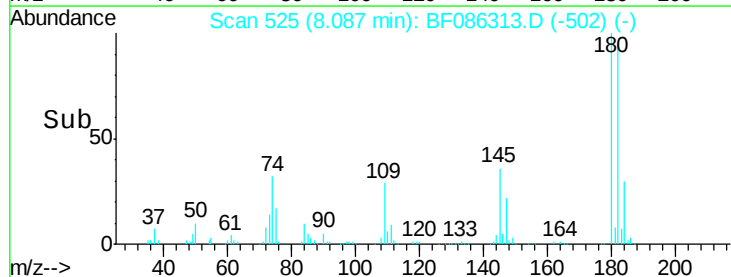
145 35.6 27.4 41.2

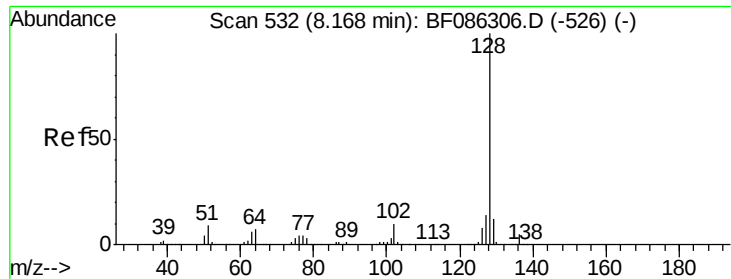


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

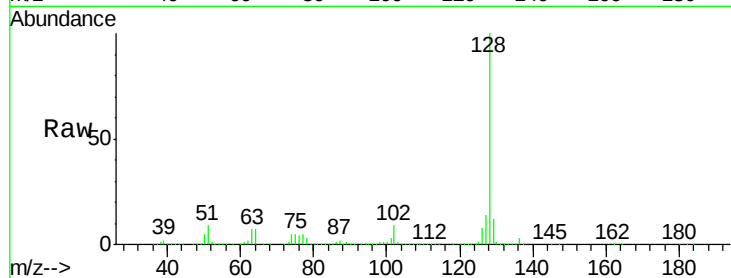




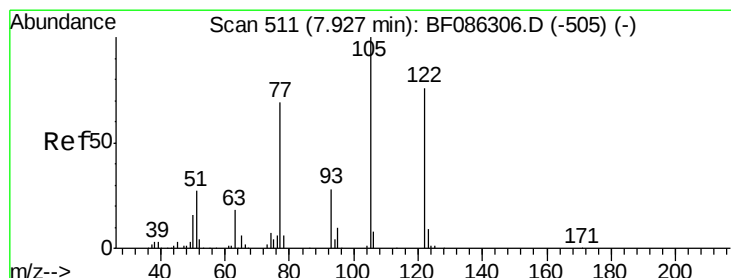
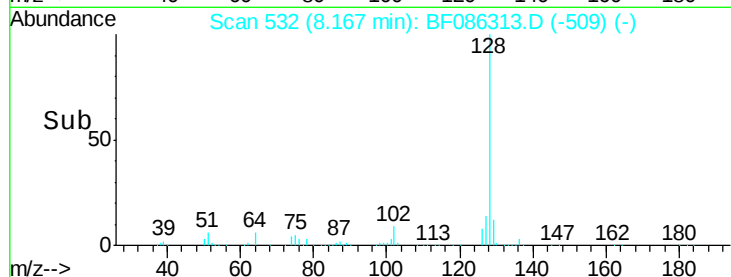
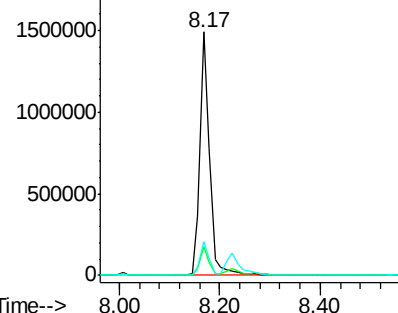
#31
Naphthalene
Concen: 41.02 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tgt Ion:128 Resp: 2007075
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 13.8 11.4 17.2

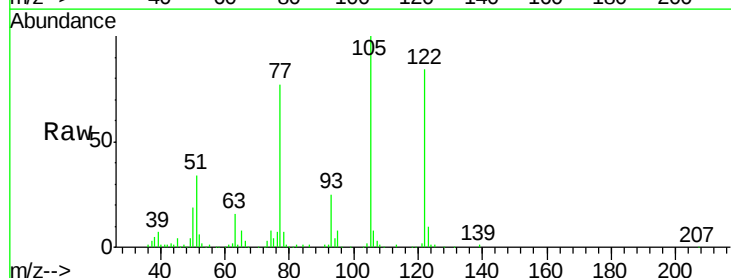


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

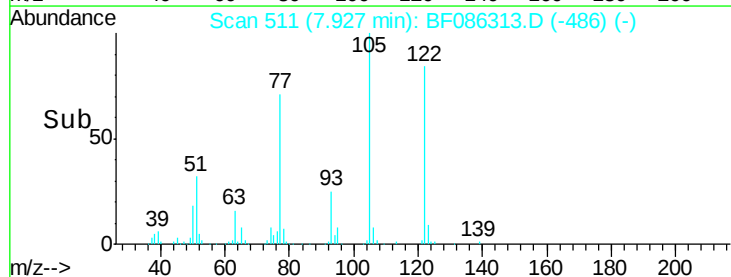
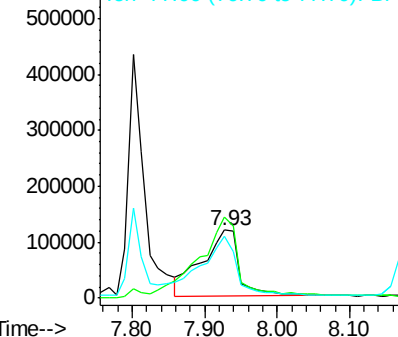


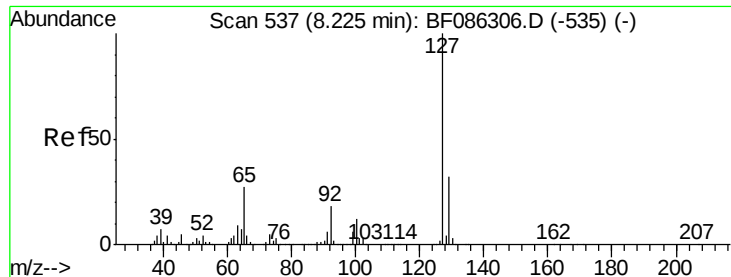
#32
Benzoic acid
Concen: 42.96 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:122 Resp: 429391
Ion Ratio Lower Upper
122 100
105 119.0 103.7 143.7
77 91.7 74.9 114.9



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

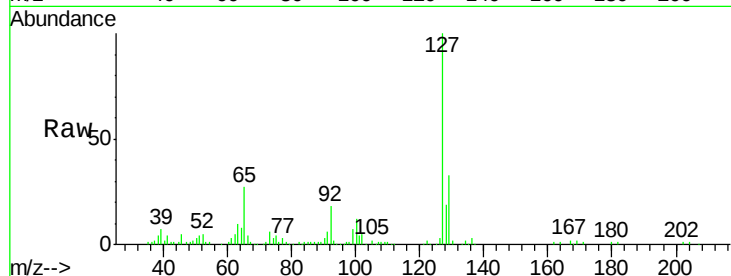




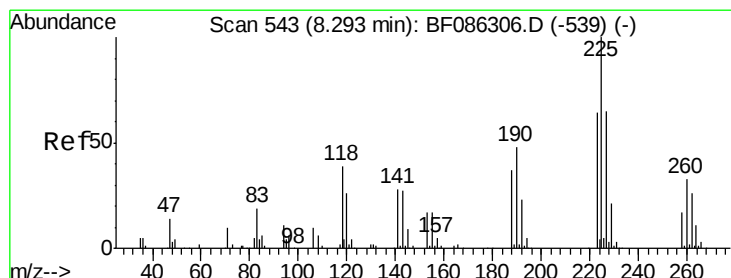
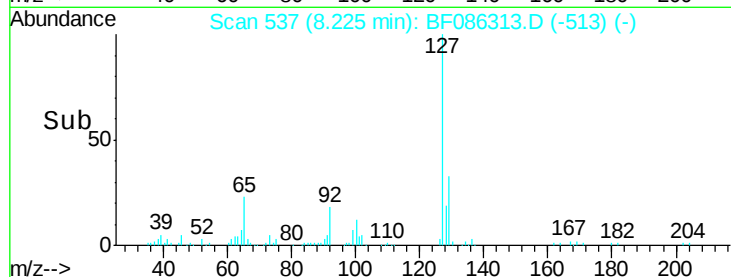
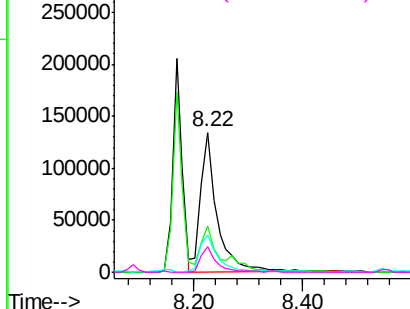
#33
4-Chloroaniline
Concen: 13.82 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tgt Ion:	127	Resp:	279932
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.8	40.2
65	26.6	27.1	40.7#
92	17.9	16.2	24.2

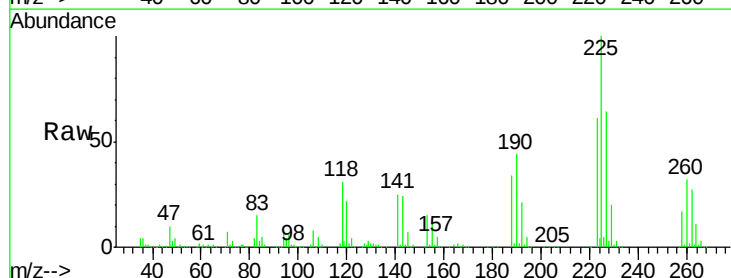


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

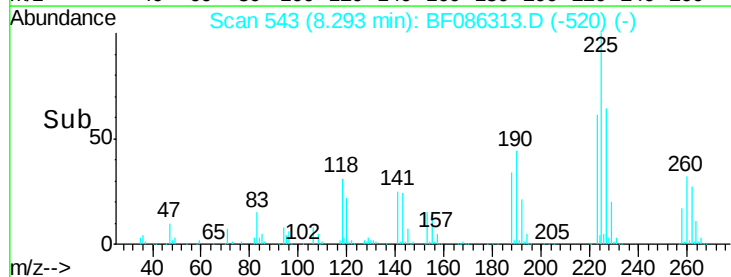
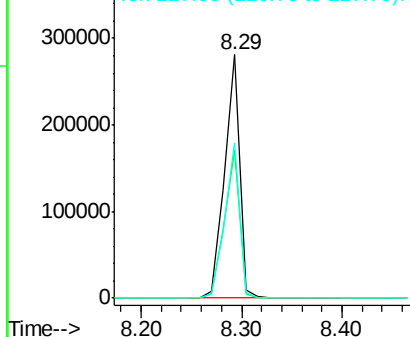


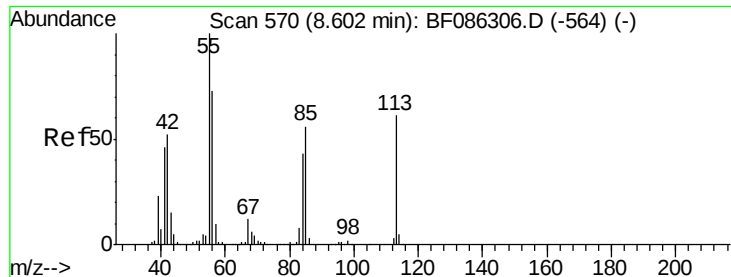
#34
Hexachlorobutadiene
Concen: 40.80 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:	225	Resp:	294210
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.4	74.0
227	63.7	51.1	76.7



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

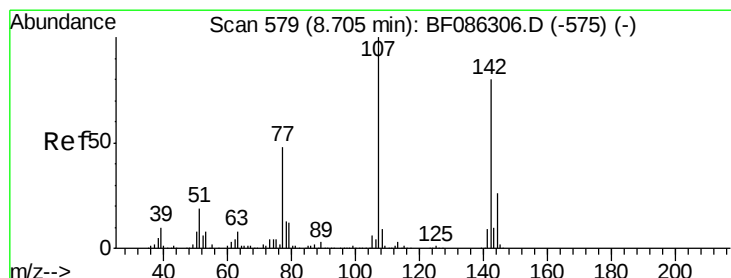
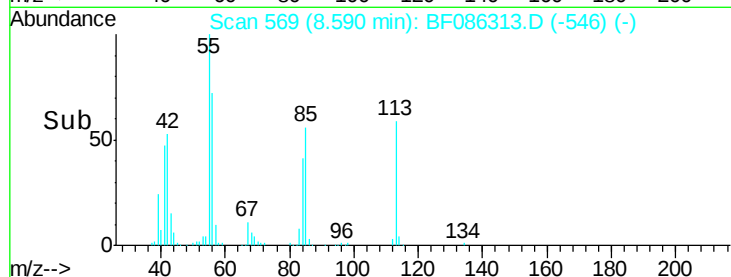
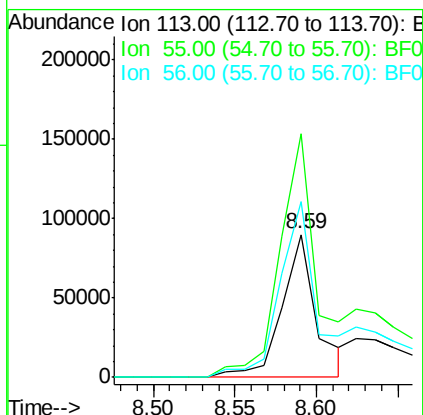
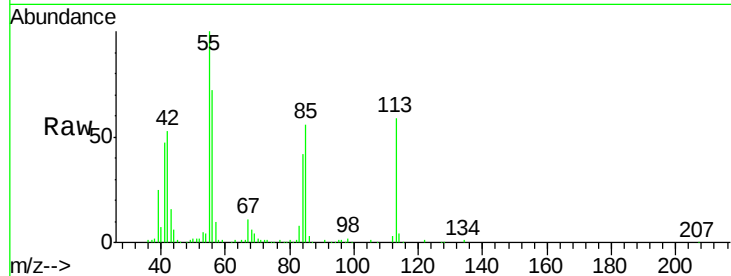




#35
 Caprolactam
 Concen: 30.76 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

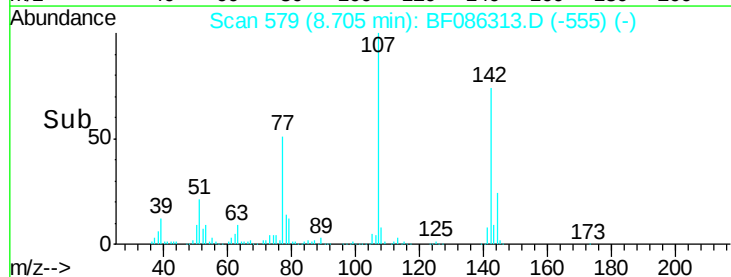
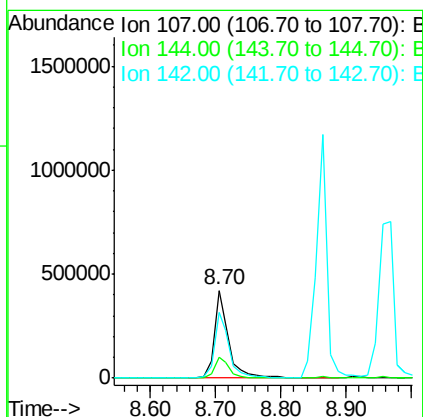
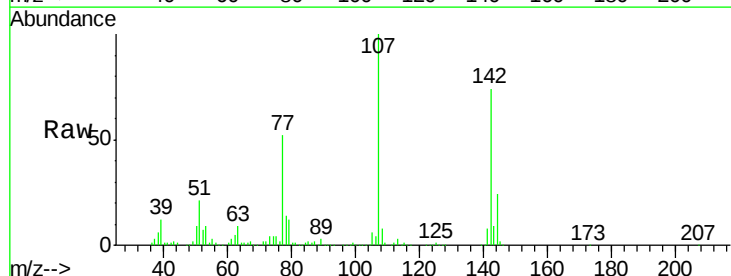
Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

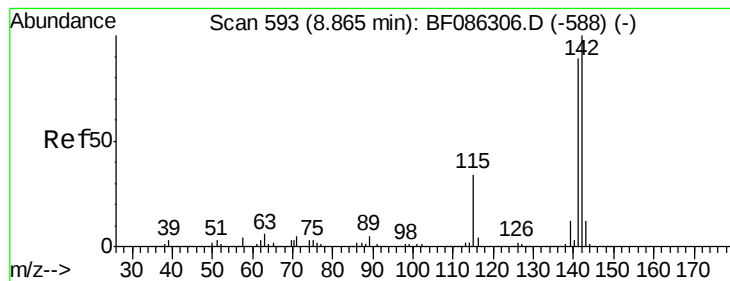
Tgt Ion:113 Resp: 132121
 Ion Ratio Lower Upper
 113 100
 55 170.3 117.5 157.5#
 56 123.2 82.5 122.5#



#36
 4-Chloro-3-methylphenol
 Concen: 43.98 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:107 Resp: 655893
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.7 31.1
 142 74.3 64.5 96.7





#37

2-Methylnaphthalene

Concen: 43.37 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

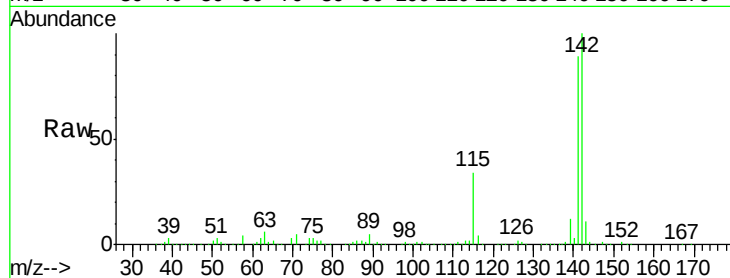
Tgt Ion:142 Resp: 1310350

Ion Ratio Lower Upper

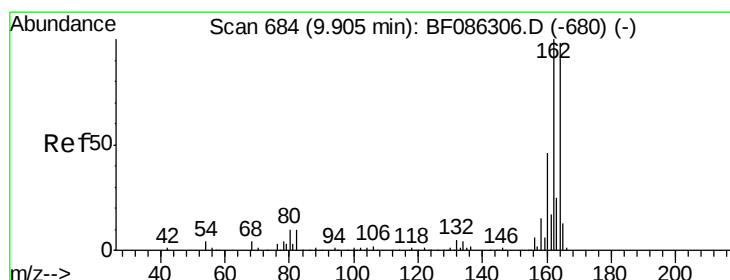
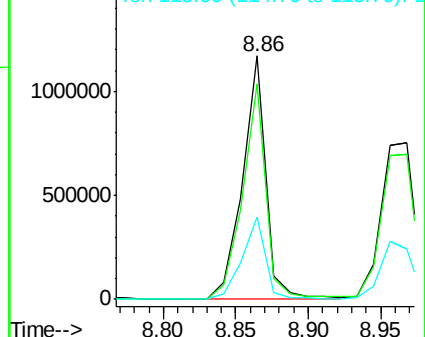
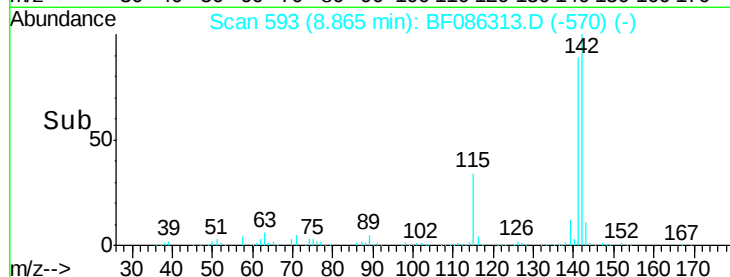
142 100

141 88.6 71.1 106.7

115 33.9 25.1 37.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

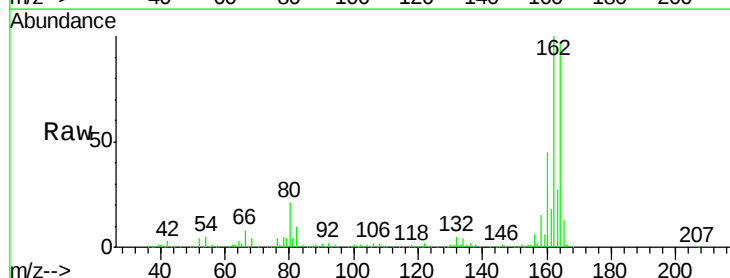
Tgt Ion:164 Resp: 474198

Ion Ratio Lower Upper

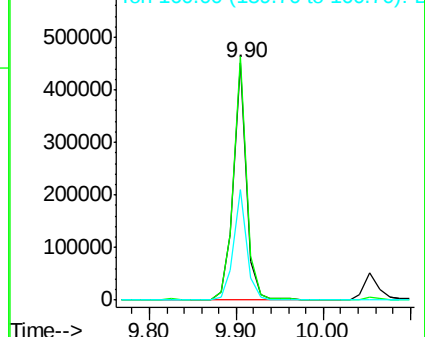
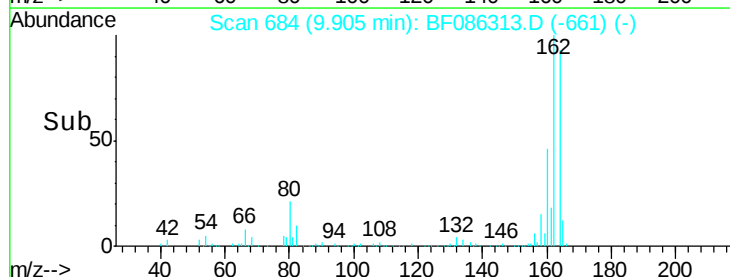
164 100

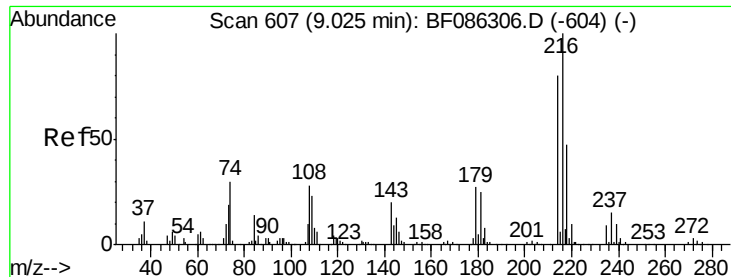
162 102.6 82.8 124.2

160 46.5 38.9 58.3



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

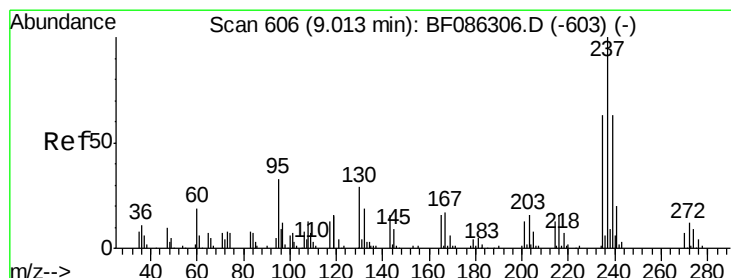
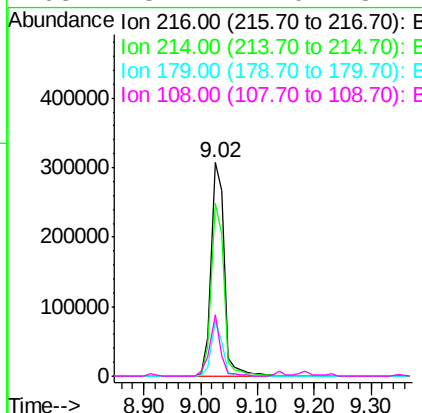
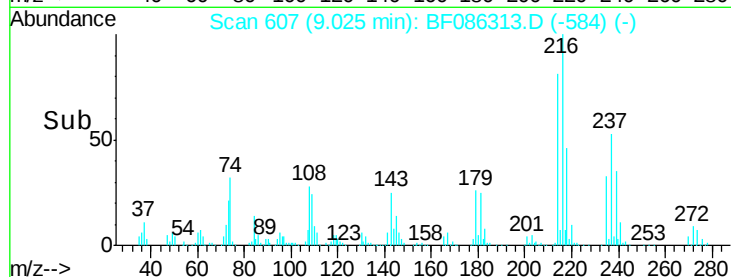
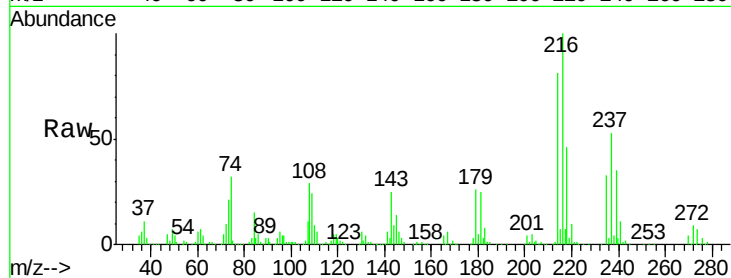




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.00 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

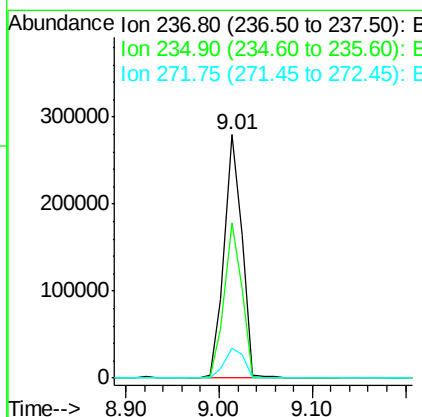
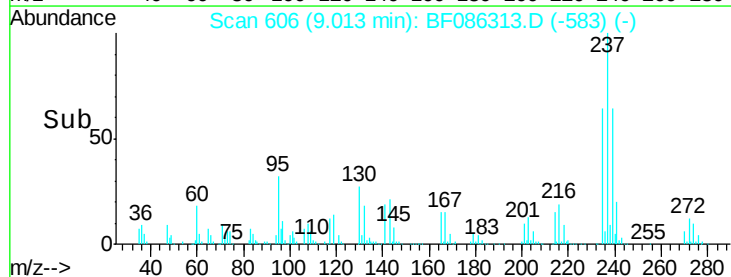
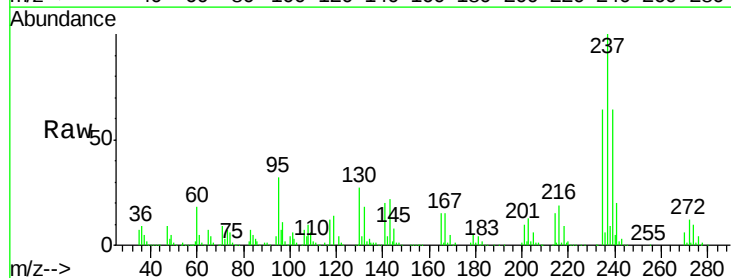
Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

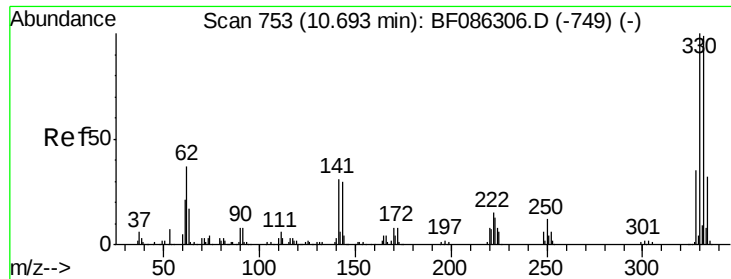
Tgt Ion:	216	Resp:	479601
Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.9	97.3
179	22.7	19.8	29.6
108	23.7	21.0	31.4



#40
 Hexachlorocyclopentadiene
 Concen: 119.65 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:	237	Resp:	373903
Ion	Ratio	Lower	Upper
237	100		
235	63.6	44.0	84.0
272	12.1	0.0	32.4

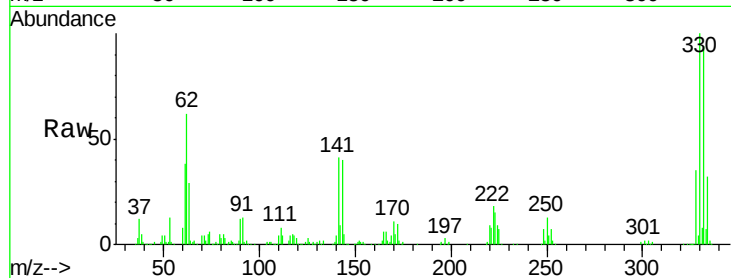




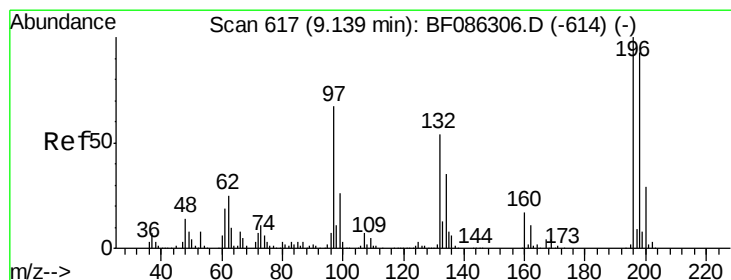
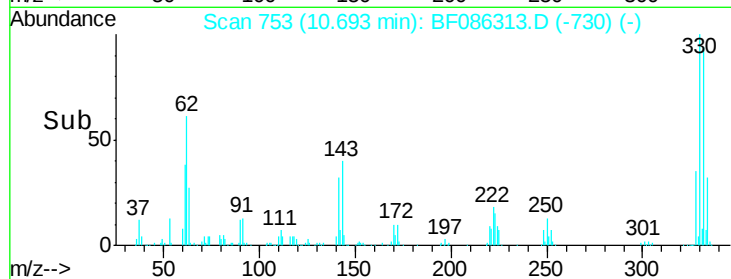
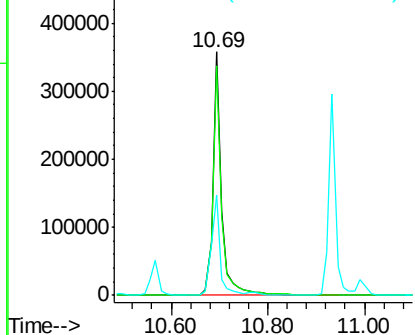
#41
 2,4,6-Tribromophenol
 Concen: 124.41 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion:330 Resp: 459820
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.7 118.1
 141 40.5 28.6 42.8

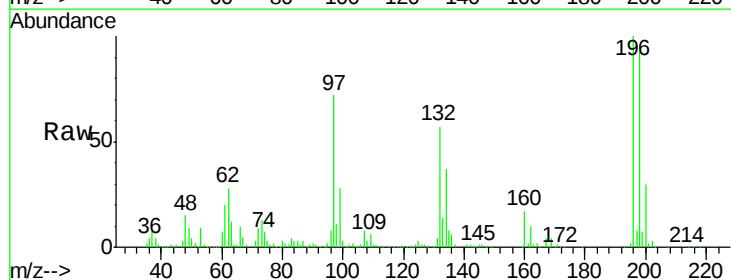


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

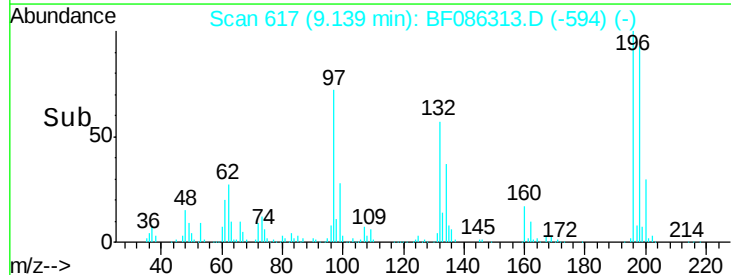
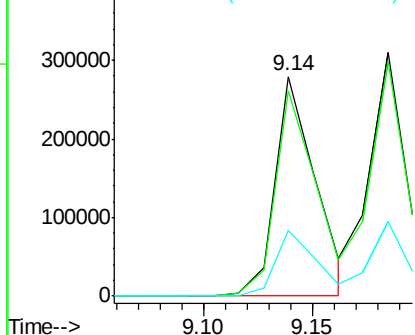


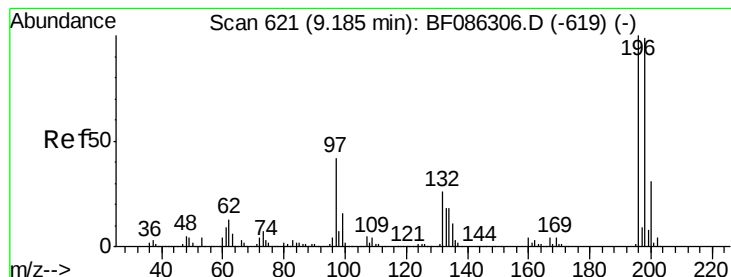
#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:196 Resp: 361336
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.6 115.0
 200 30.1 25.3 37.9



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

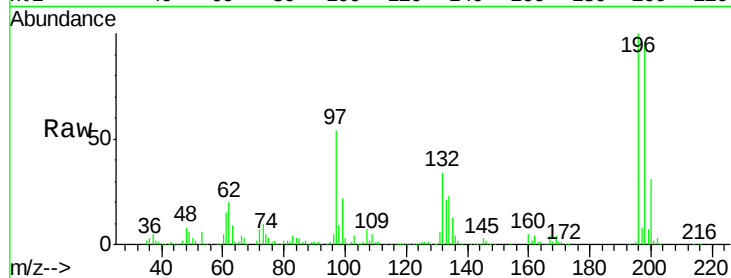




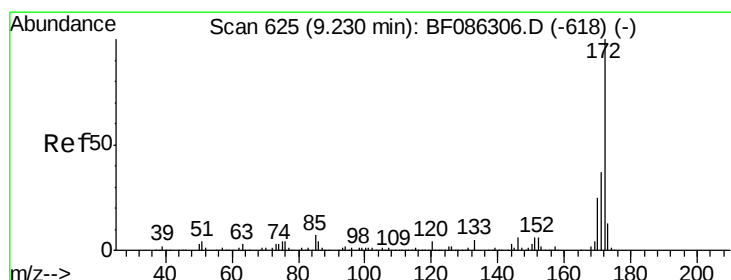
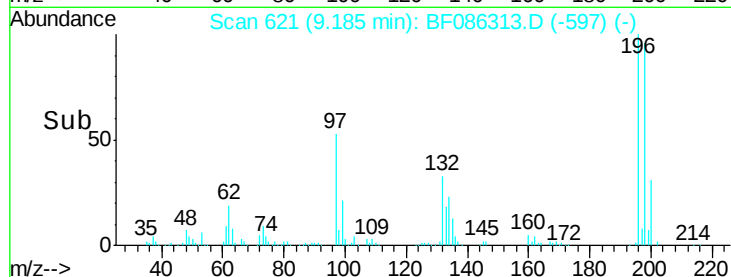
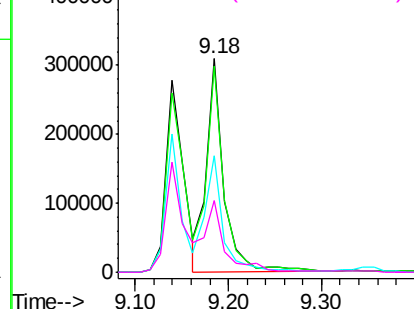
#43
 2,4,5-Trichlorophenol
 Concen: 42.14 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion:196 Resp: 401863
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.7 116.5
 97 54.3 32.6 48.8#
 132 33.8 21.4 32.0#

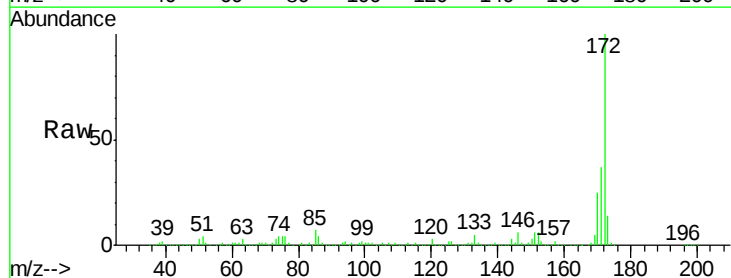


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

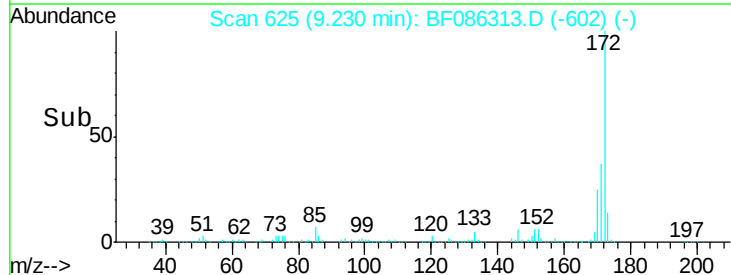
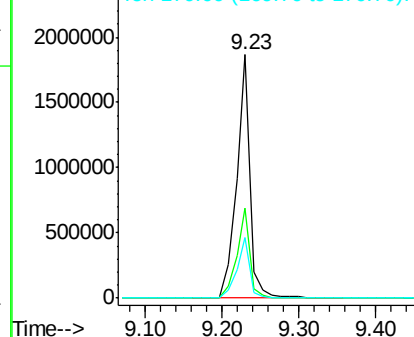


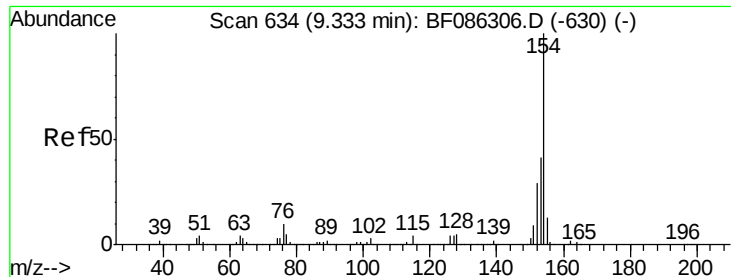
#44
 2-Fluorobiphenyl
 Concen: 96.48 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:172 Resp: 2323687
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.1 43.7
 170 24.8 19.9 29.9



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

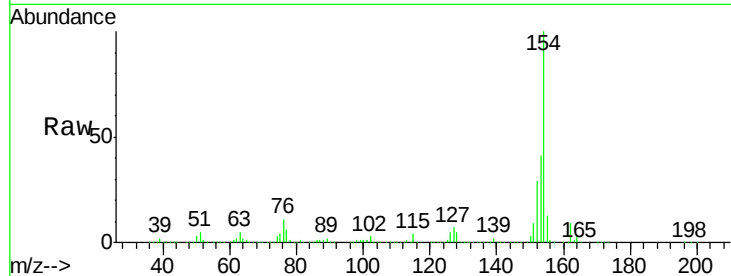




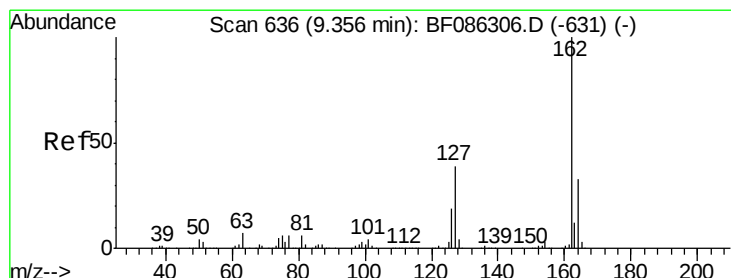
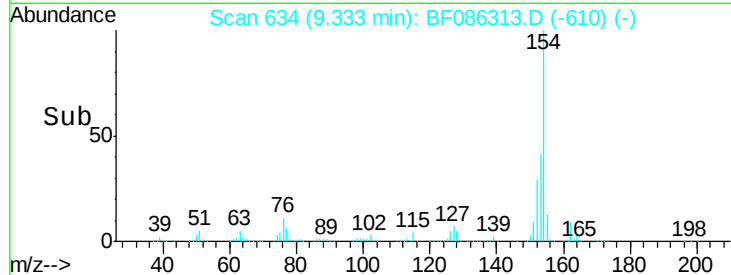
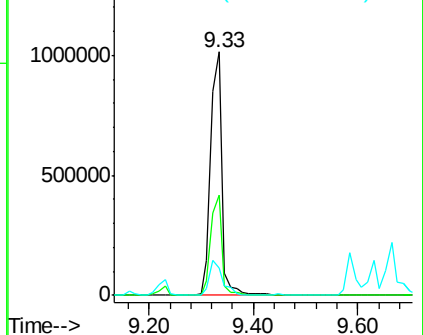
#45
 1,1'-Biphenyl
 Concen: 41.21 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion:154 Resp: 1534545
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.3 61.3
 76 11.2 0.0 36.4

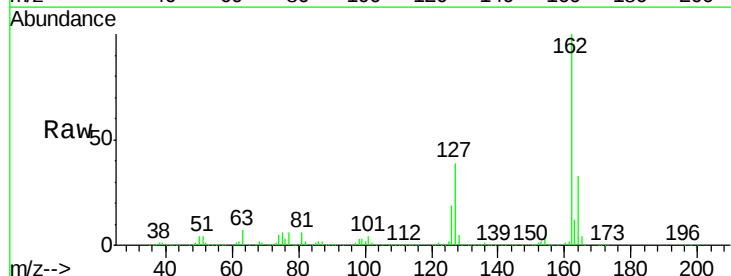


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

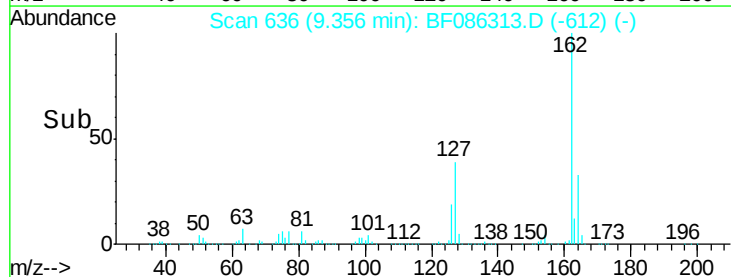
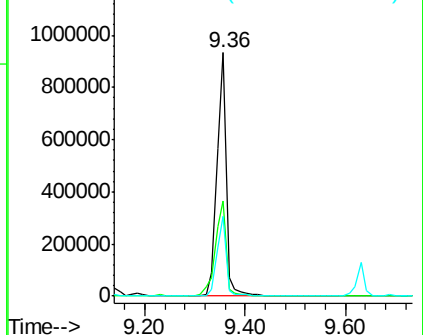


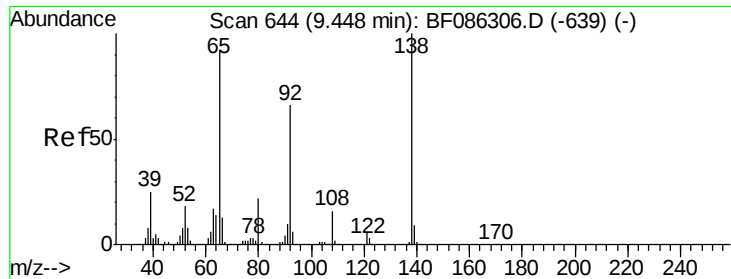
#46
 2-Chloronaphthalene
 Concen: 42.69 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:162 Resp: 1204808
 Ion Ratio Lower Upper
 162 100
 127 39.3 36.7 55.1
 164 32.9 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

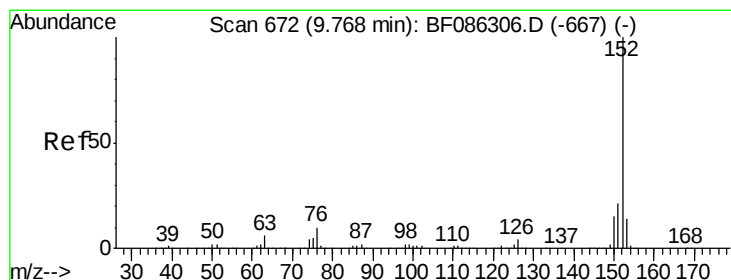
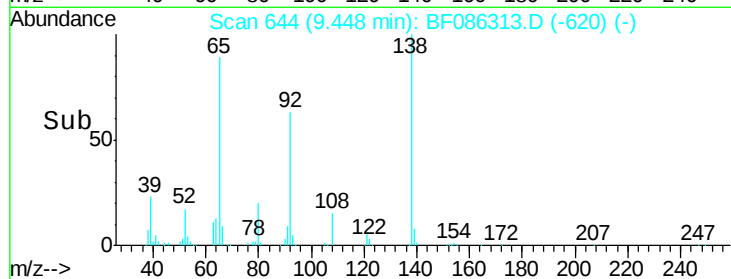
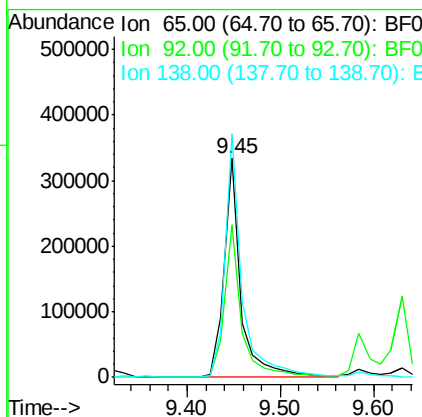
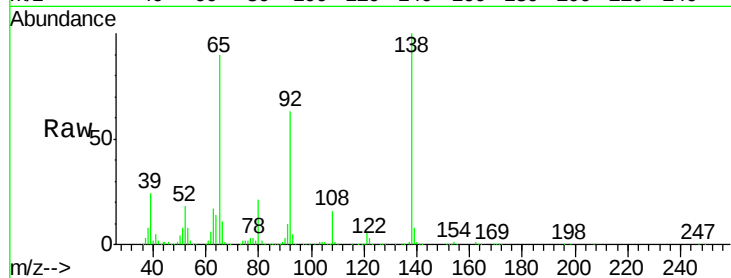




#47
2-Nitroaniline
Concen: 43.90 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

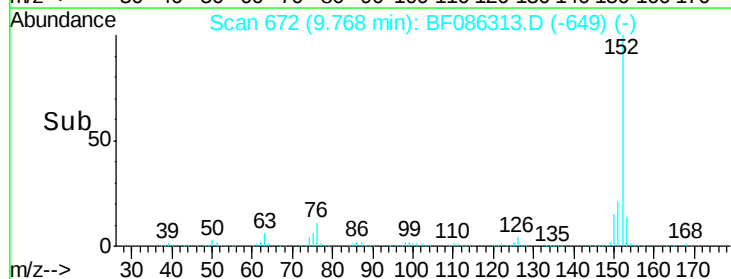
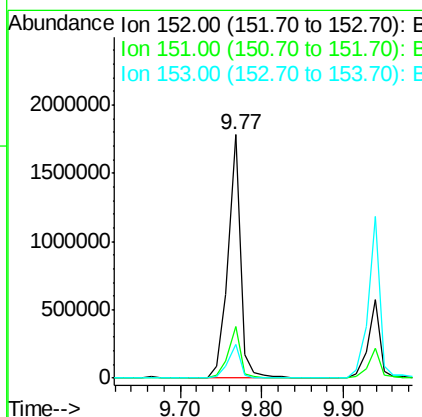
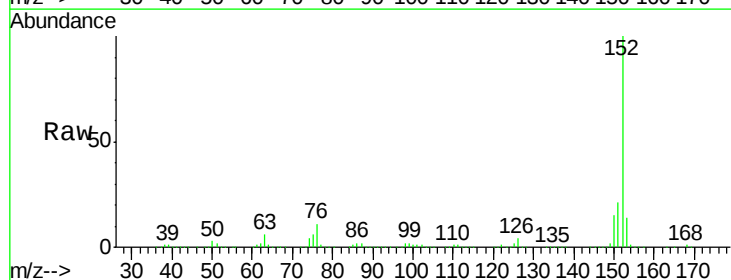
Instrument :
BNA_F
ClientSampleId :
PB89945BS

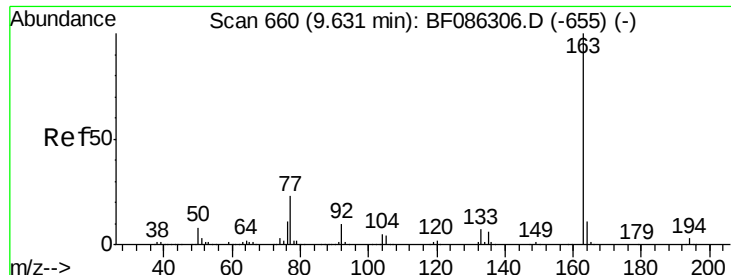
Tgt Ion: 65 Resp: 421059
Ion Ratio Lower Upper
65 100
92 69.9 51.9 77.9
138 111.3 72.6 108.8#



#48
Acenaphthylene
Concen: 43.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion: 152 Resp: 1894991
Ion Ratio Lower Upper
152 100
151 21.2 17.2 25.8
153 13.8 10.7 16.1





#49

Dimethylphthalate

Concen: 38.21 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

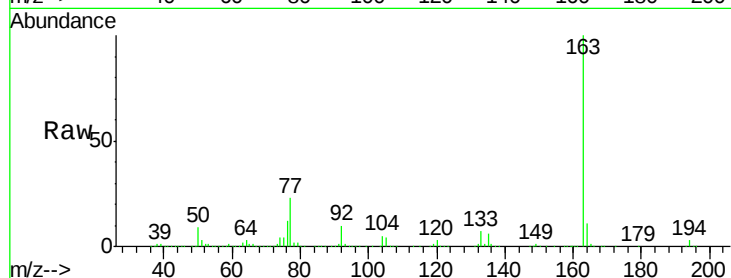
Tgt Ion:163 Resp: 1379603

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

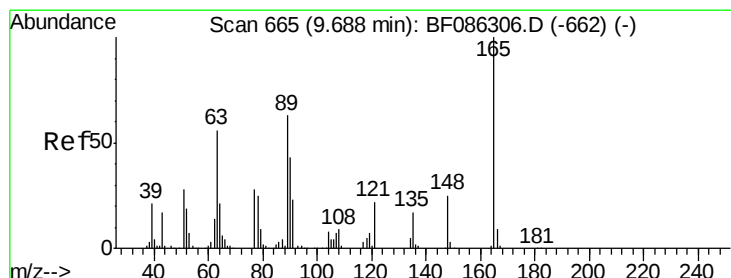
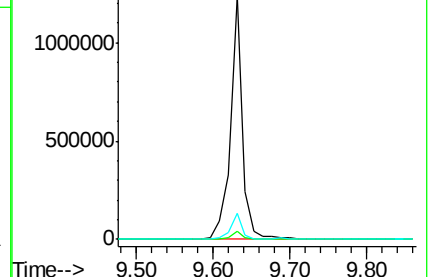
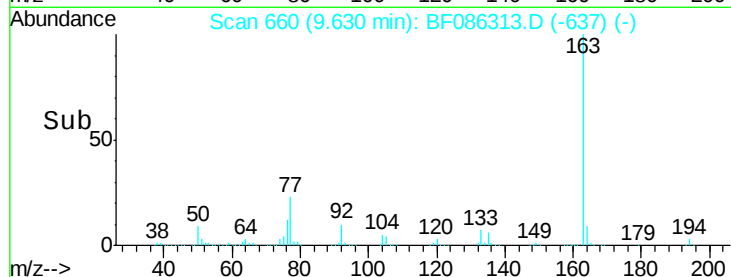
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.41 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

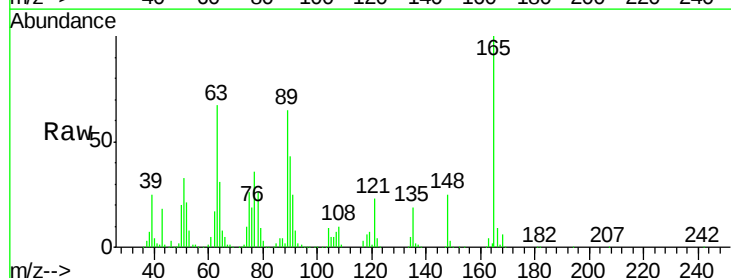
Tgt Ion:165 Resp: 307632

Ion Ratio Lower Upper

165 100

63 67.2 35.1 52.7#

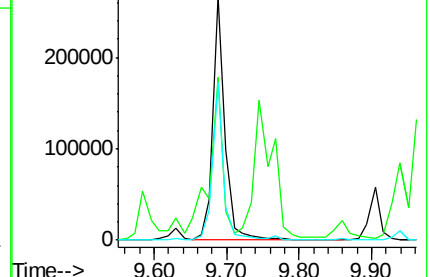
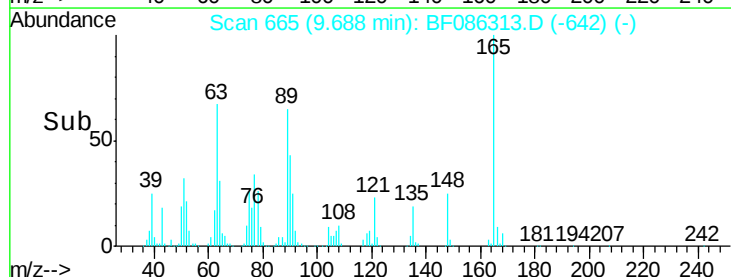
89 64.9 39.8 59.6#

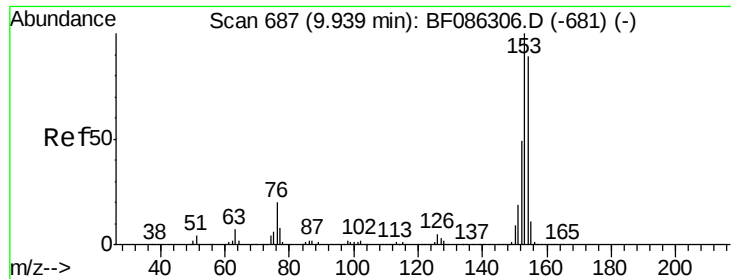


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.04 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

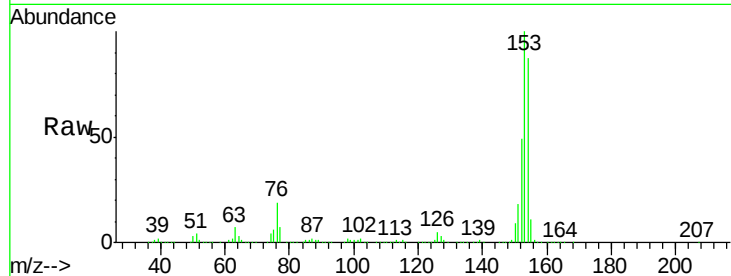
Tgt Ion:154 Resp: 1215981

Ion Ratio Lower Upper

154 100

153 114.4 90.0 135.0

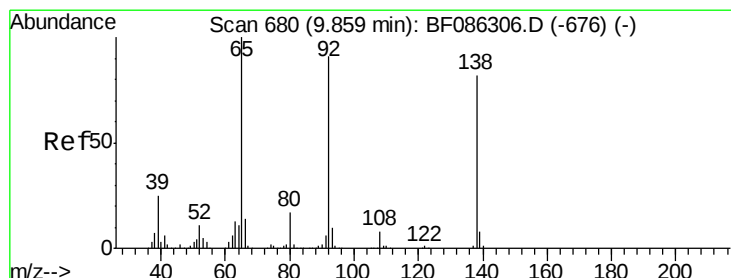
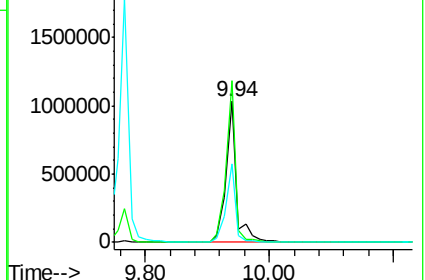
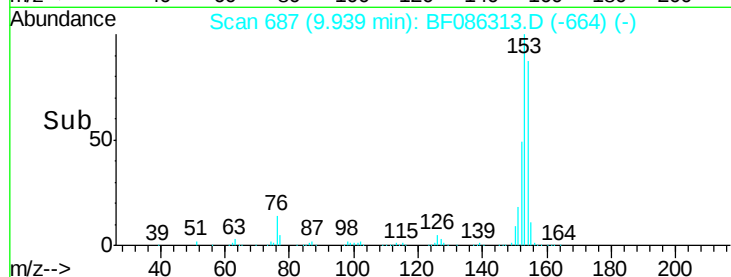
152 56.1 44.3 66.5



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: 20.28 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

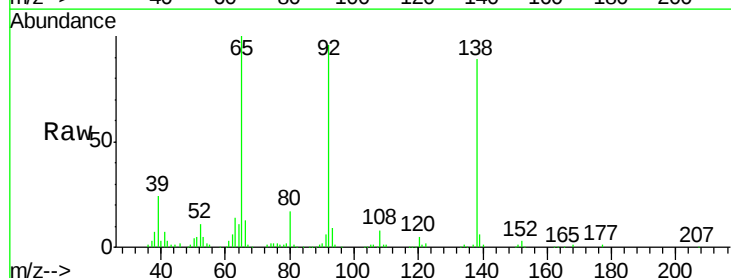
Tgt Ion:138 Resp: 191594

Ion Ratio Lower Upper

138 100

108 9.1 9.0 13.4

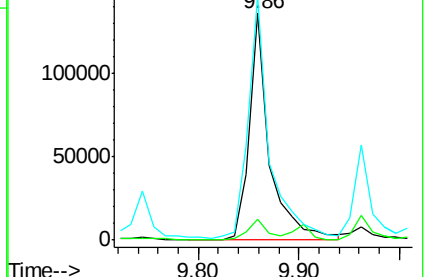
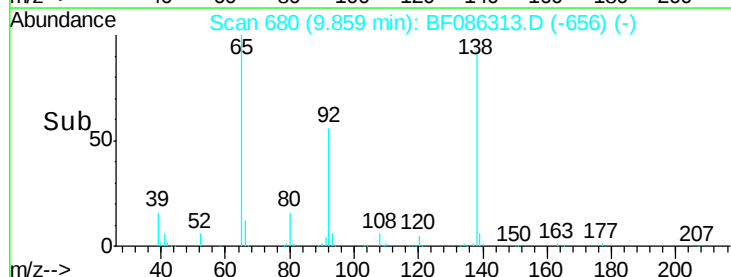
92 107.5 99.3 148.9

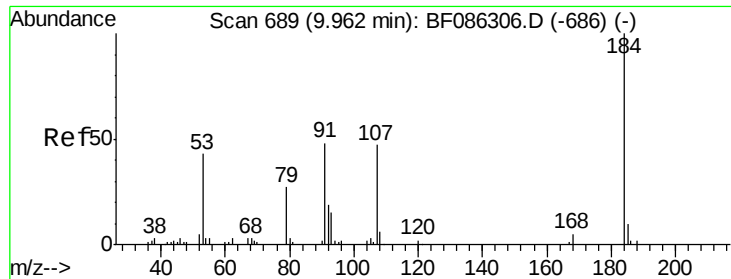


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

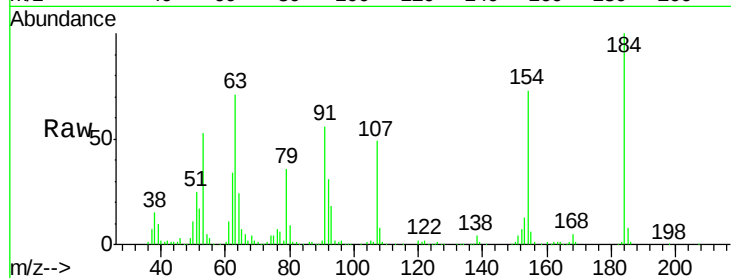




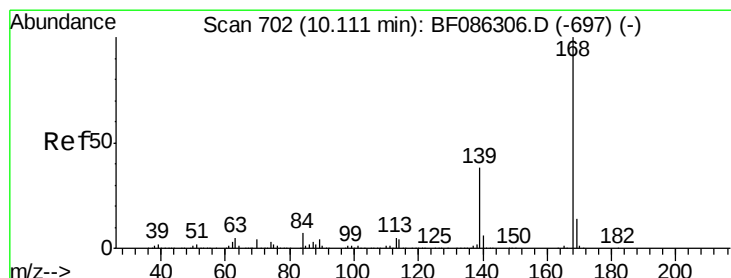
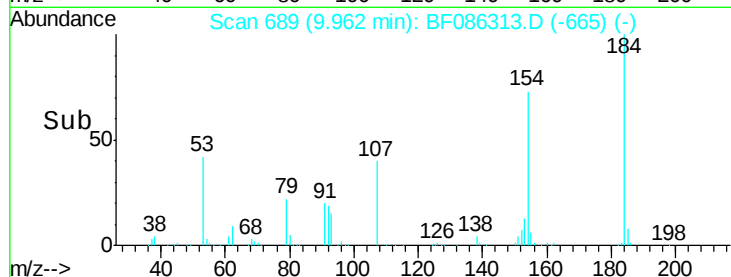
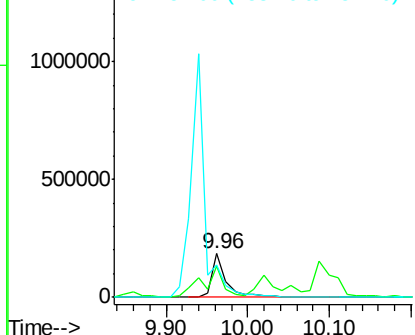
#53
2,4-Dinitrophenol
Concen: 145.05 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tgt Ion:184 Resp: 234066
Ion Ratio Lower Upper
184 100
63 71.3 64.7 97.1
154 73.0 59.4 89.2

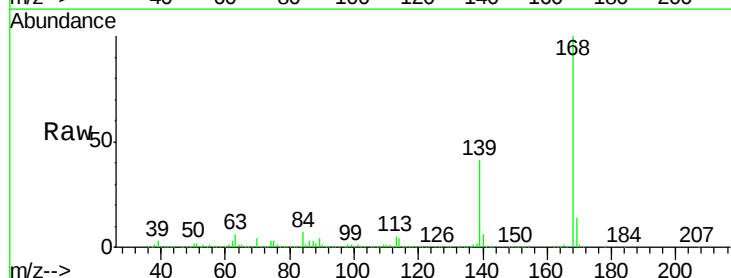


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

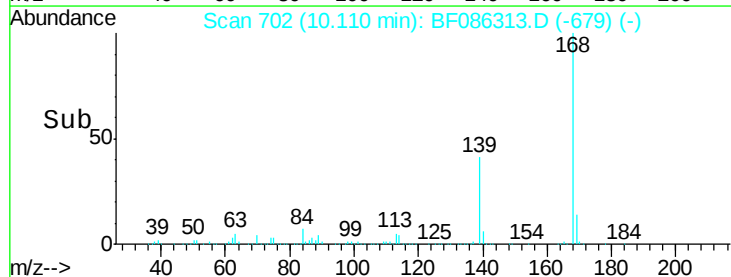
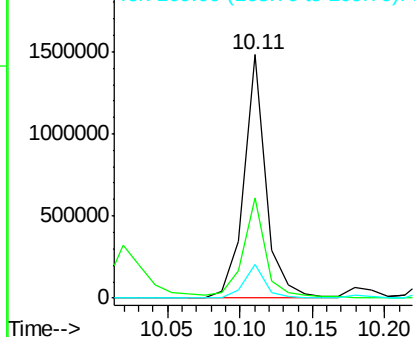


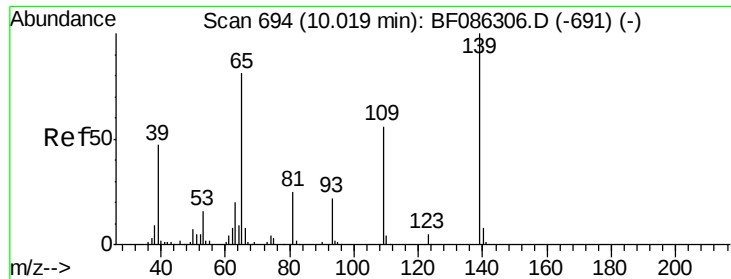
#54
Dibenzofuran
Concen: 44.78 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:168 Resp: 1574110
Ion Ratio Lower Upper
168 100
139 41.0 29.5 44.3
169 13.9 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

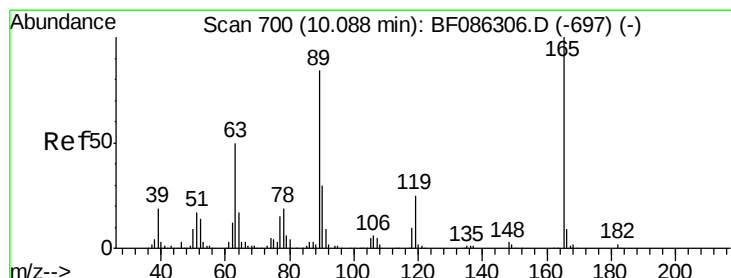
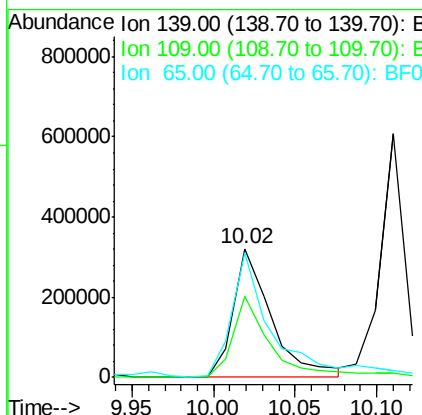
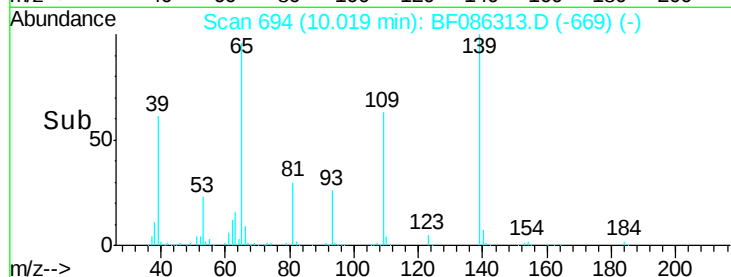
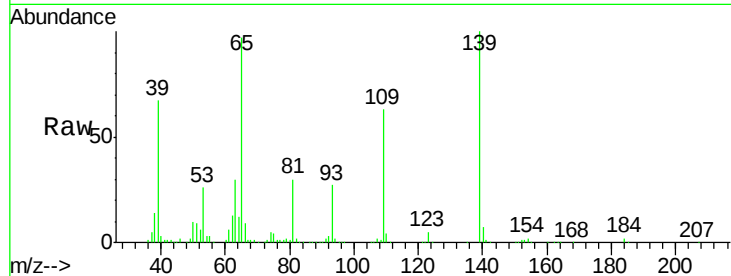




#55
4-Nitrophenol
Concen: 88.71 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

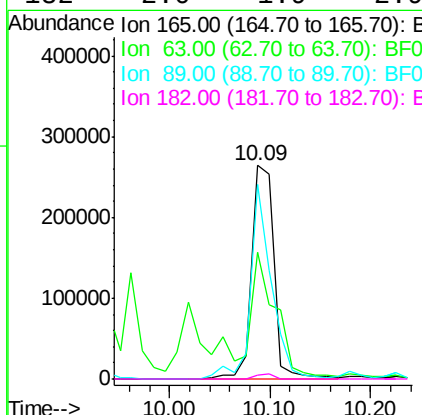
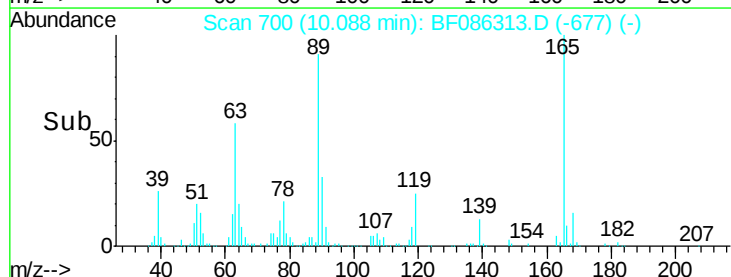
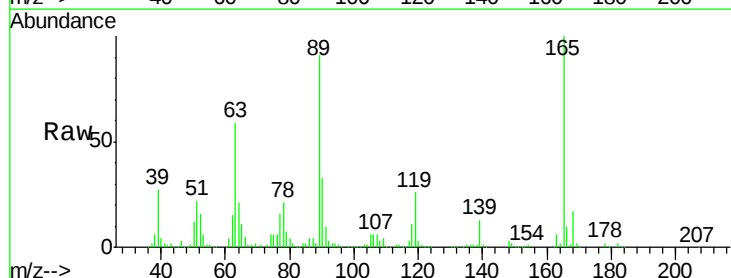
Instrument :
BNA_F
ClientSampleId :
PB89945BS

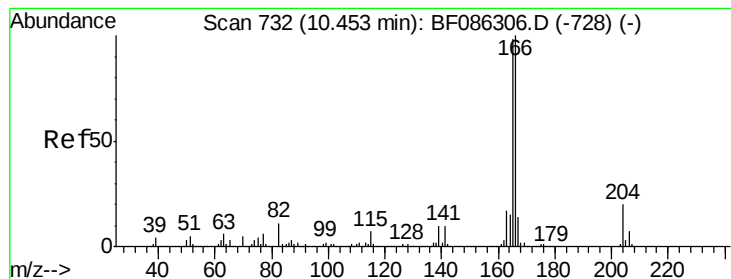
Tgt Ion:139 Resp: 519659
Ion Ratio Lower Upper
139 100
109 63.3 55.0 95.0
65 97.1 87.3 127.3



#56
2,4-Dinitrotoluene
Concen: 44.21 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:165 Resp: 408200
Ion Ratio Lower Upper
165 100
63 59.2 26.6 40.0#
89 90.9 49.5 74.3#
182 2.0 1.9 2.9





#57

Fluorene

Concen: 43.66 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

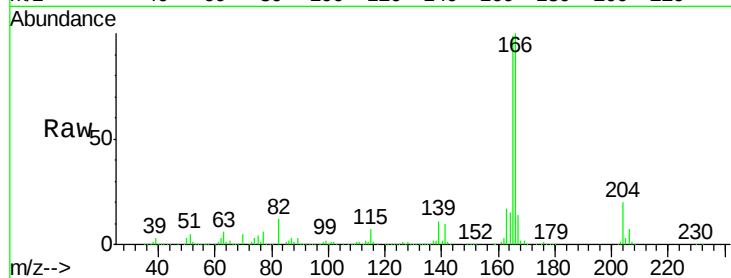
Tgt Ion:166 Resp: 1137273

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

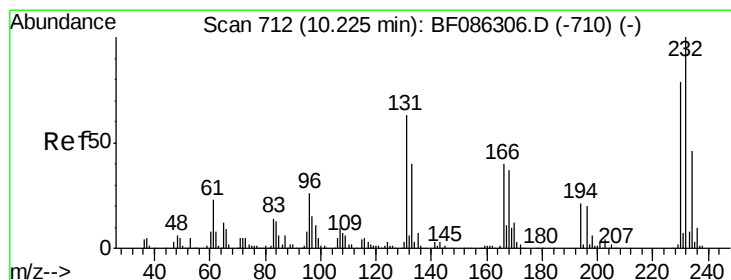
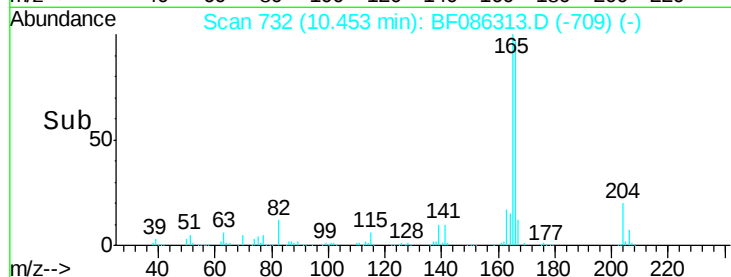
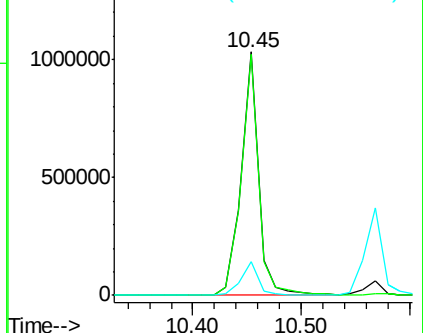
167 13.7 10.4 15.6



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: 50.49 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Tgt Ion:232 Resp: 323073

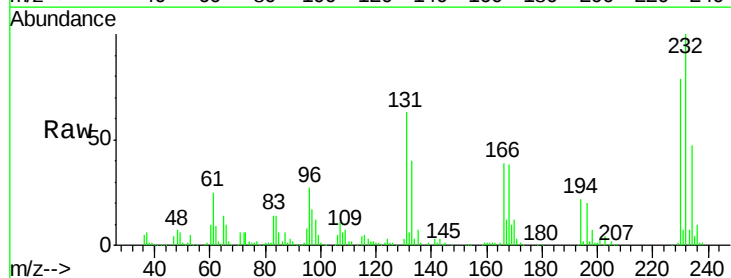
Ion Ratio Lower Upper

232 100

131 51.4 46.6 70.0

130 2.8 2.5 3.7

166 31.9 28.3 42.5

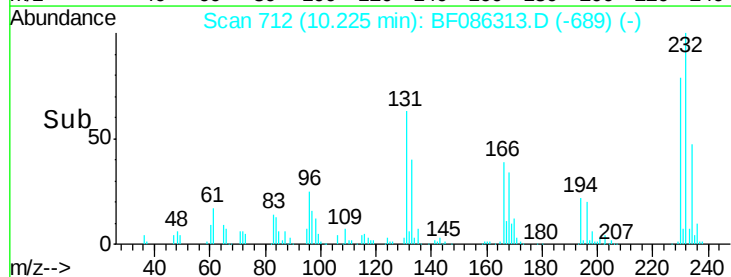
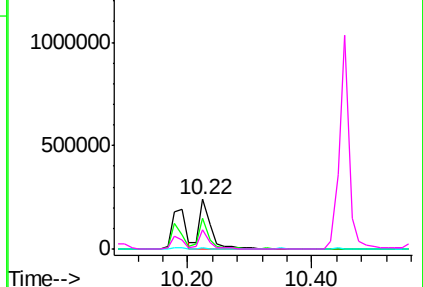


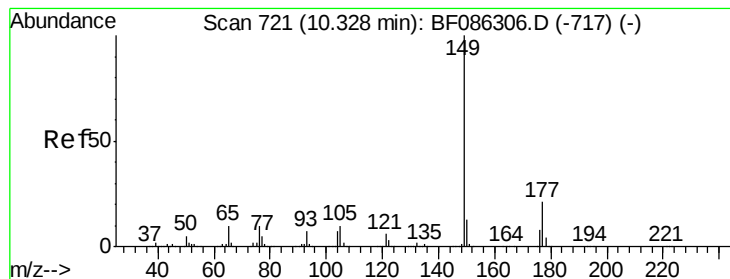
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.74 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

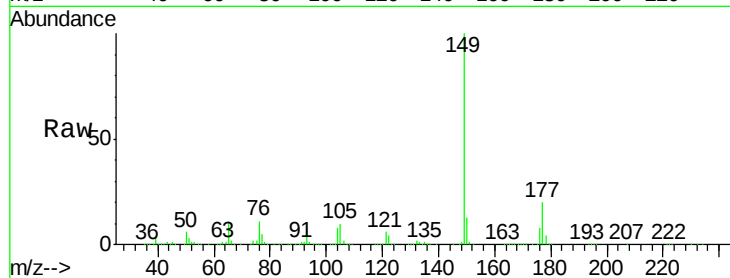
Tgt Ion:149 Resp: 1364895

Ion Ratio Lower Upper

149 100

177 19.9 17.0 25.6

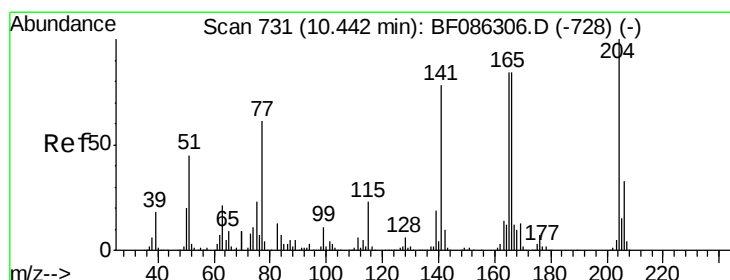
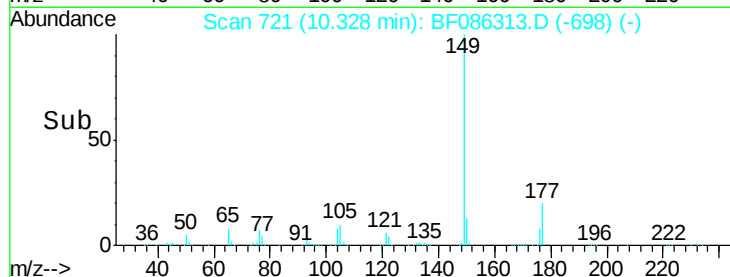
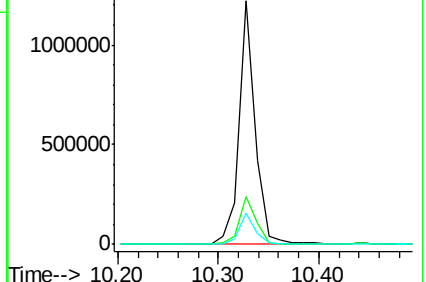
150 12.7 10.2 15.4



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: 40.18 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

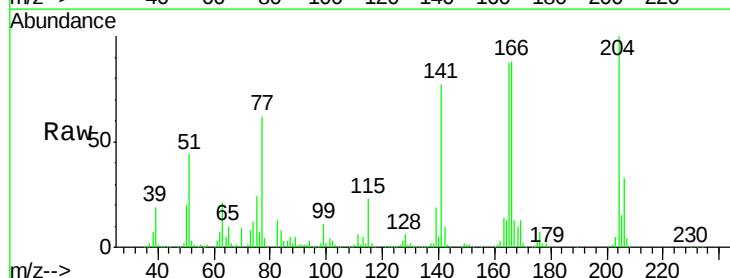
Tgt Ion:204 Resp: 484676

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

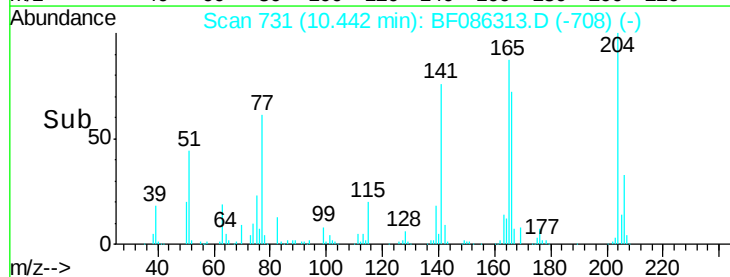
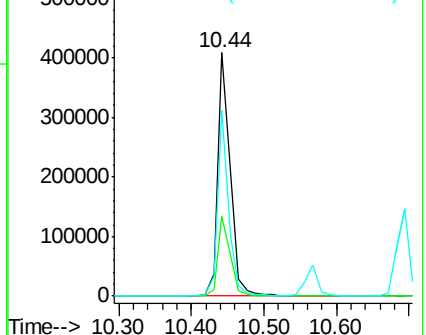
141 76.6 55.4 83.0

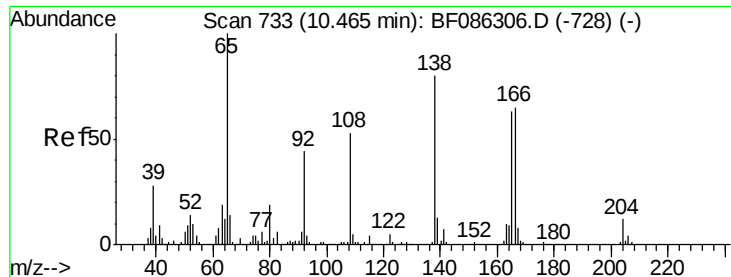


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

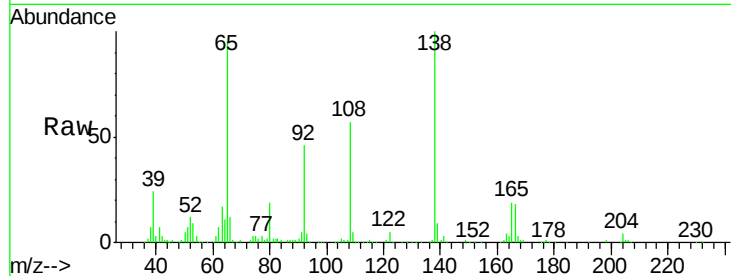




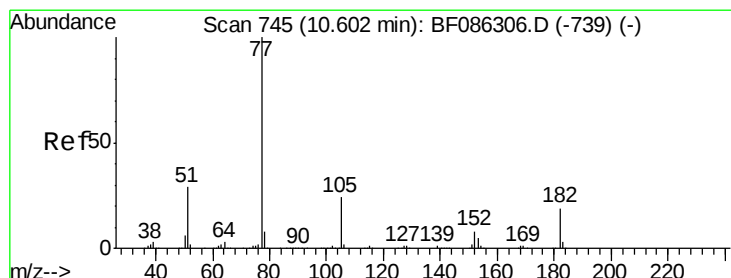
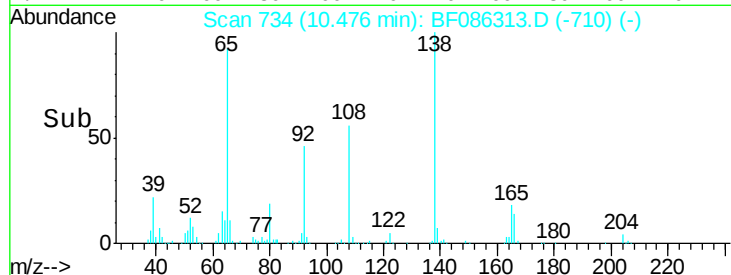
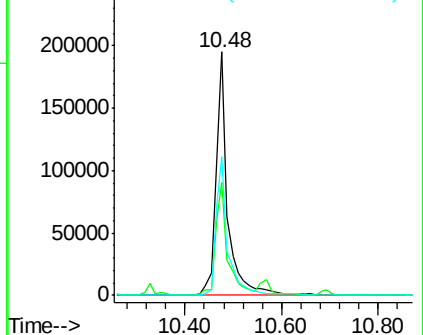
#61
4-Nitroaniline
Concen: 38.07 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tgt Ion:138 Resp: 336641
Ion Ratio Lower Upper
138 100
92 46.3 31.9 71.9
108 57.2 58.7 98.7#



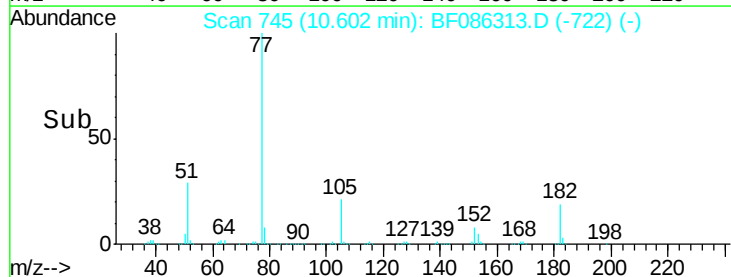
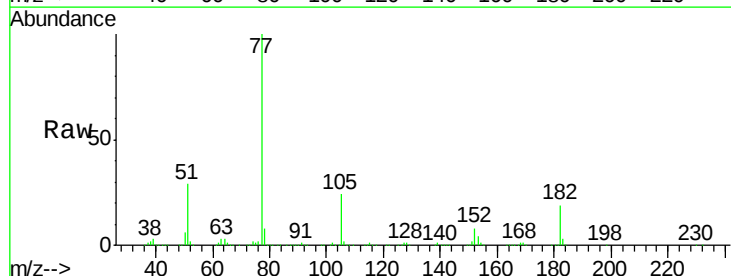
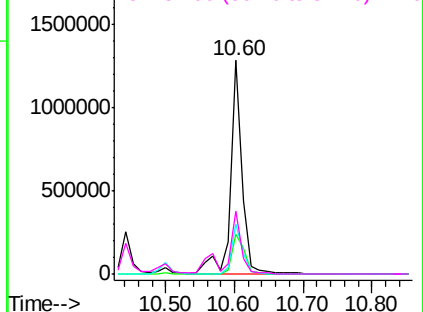
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

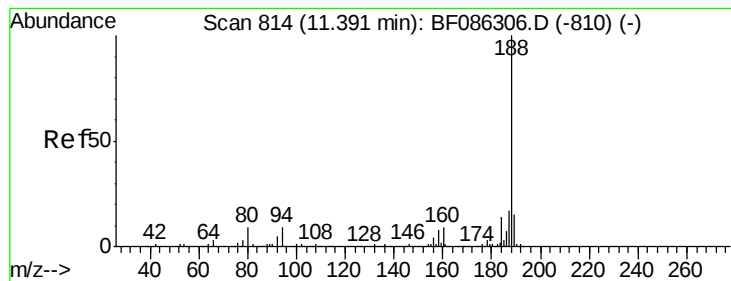


#62
Azobenzene
Concen: 43.75 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion: 77 Resp: 1519360
Ion Ratio Lower Upper
77 100
182 18.7 2.3 42.3
105 23.5 3.4 43.4
51 29.3 11.7 51.7

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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

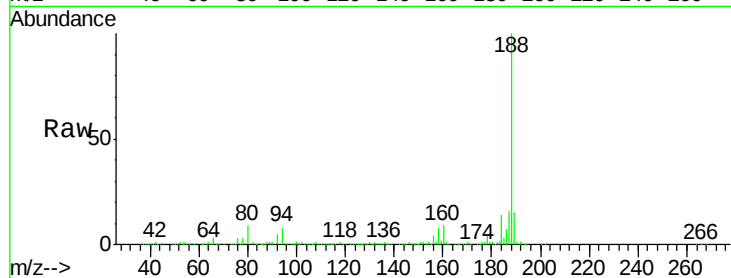
Tgt Ion:188 Resp: 805892

Ion Ratio Lower Upper

188 100

94 8.5 9.8 14.8#

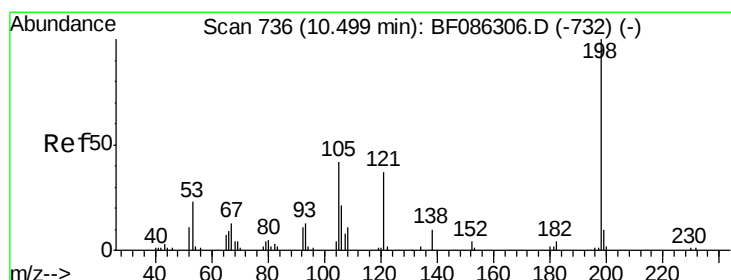
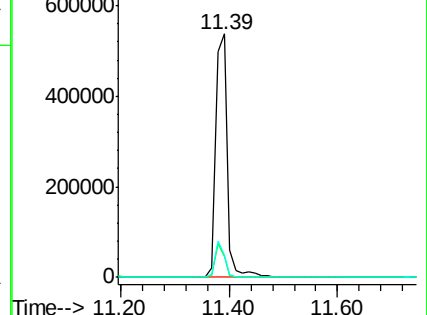
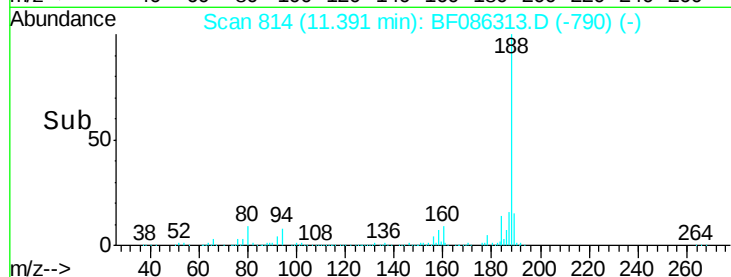
80 9.0 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 63.26 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

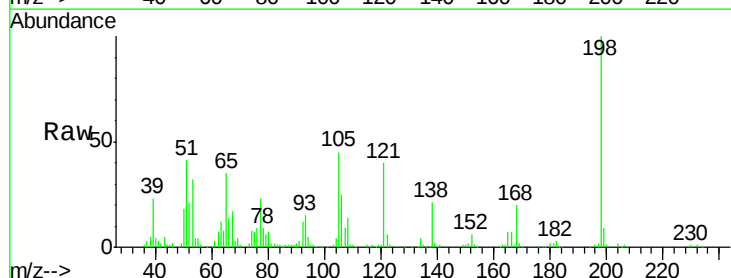
Tgt Ion:198 Resp: 165900

Ion Ratio Lower Upper

198 100

51 41.3 56.5 96.5#

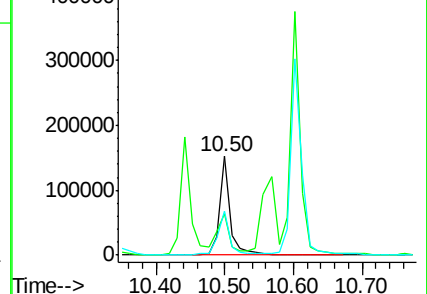
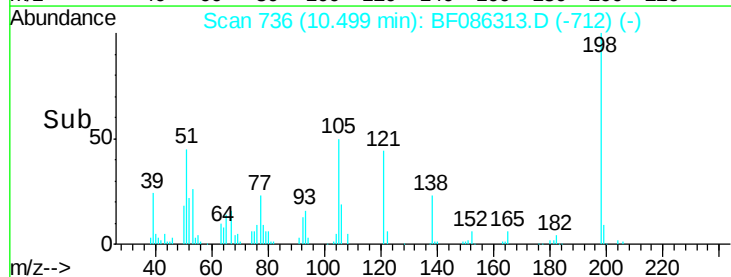
105 45.0 48.0 88.0#

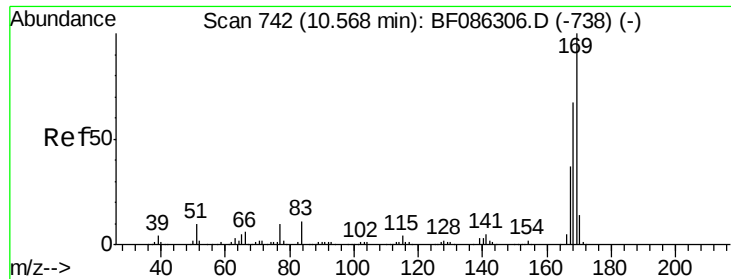


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.22 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

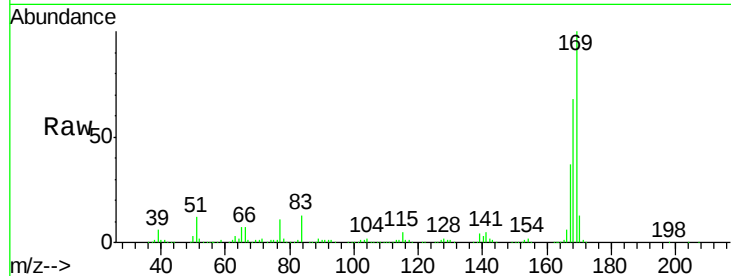
Tgt Ion:169 Resp: 1120901

Ion Ratio Lower Upper

169 100

168 67.6 54.3 81.5

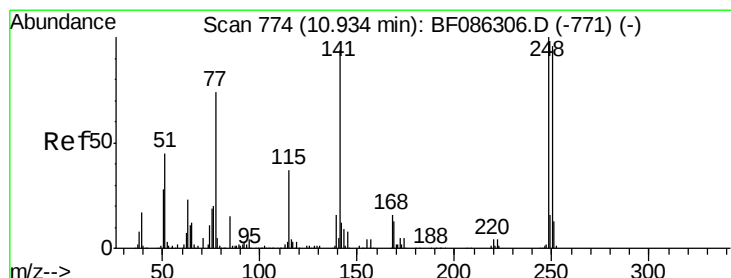
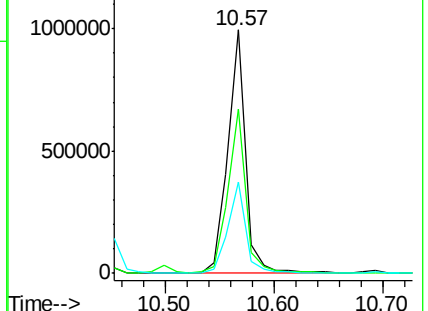
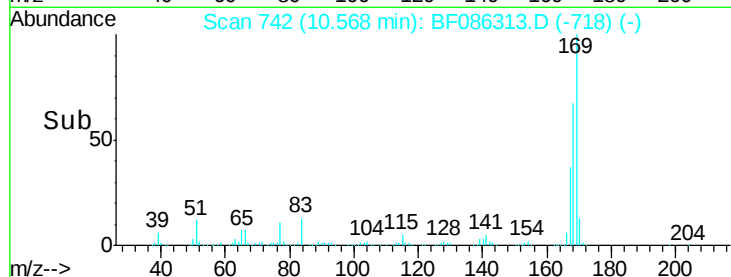
167 37.4 30.2 45.2



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: 38.17 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

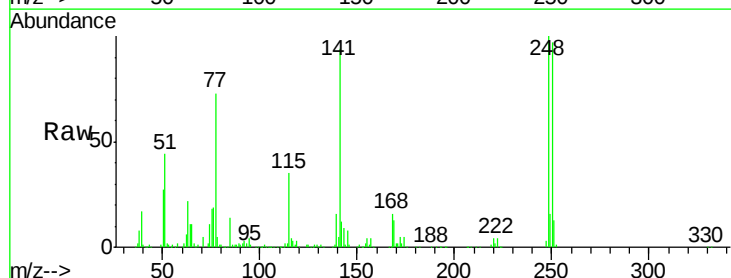
Tgt Ion:248 Resp: 330492

Ion Ratio Lower Upper

248 100

250 97.0 78.6 118.0

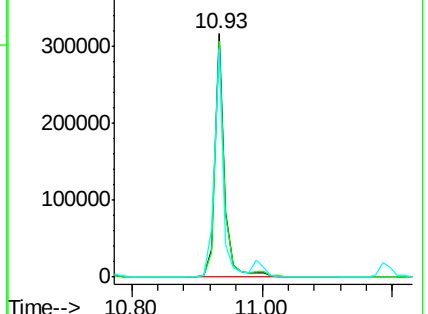
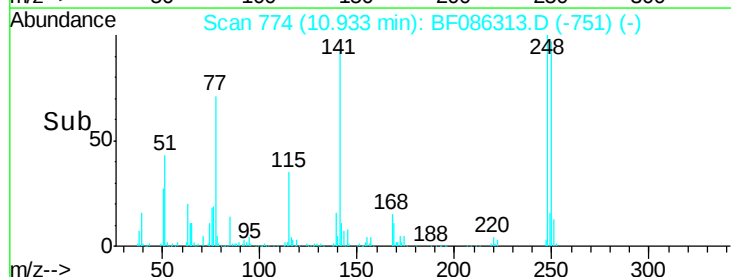
141 93.8 57.9 86.9#

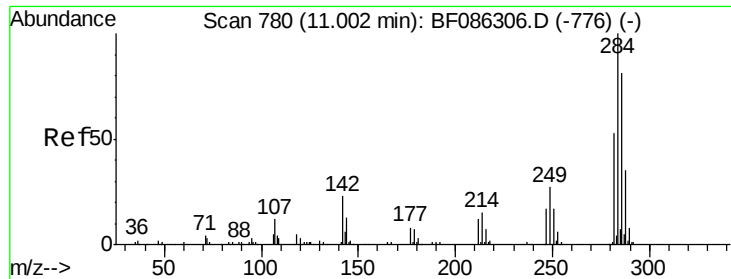


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

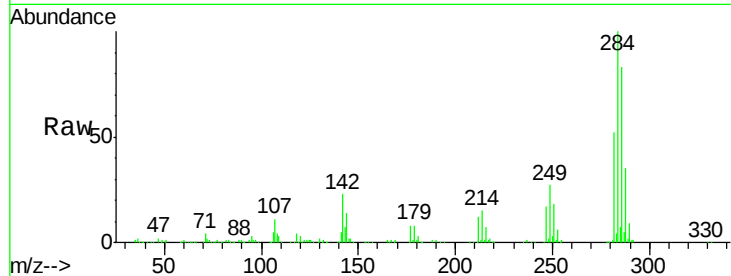




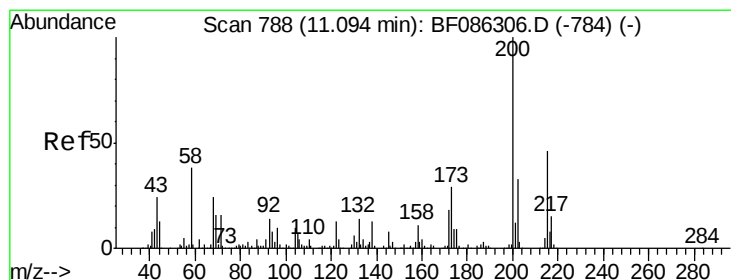
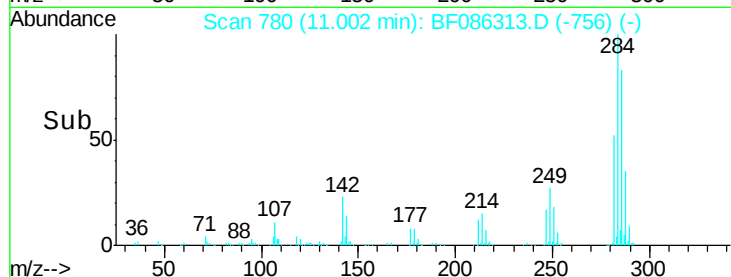
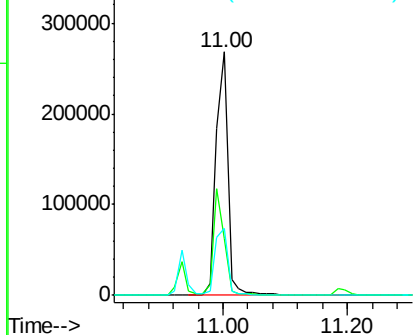
#67
Hexachlorobenzene
Concen: 39.87 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Instrument :
BNA_F
ClientSampleId :
PB89945BS

Tgt Ion:284 Resp: 346509
Ion Ratio Lower Upper
284 100
142 23.1 42.6 64.0#
249 27.5 25.9 38.9

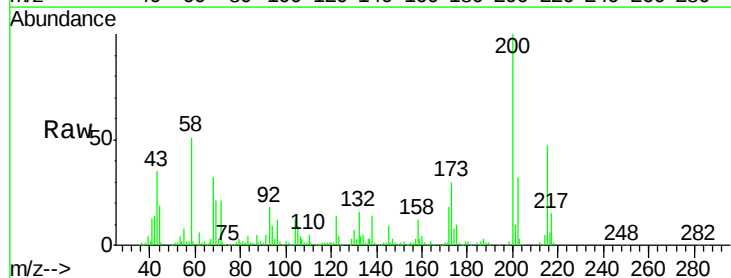


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

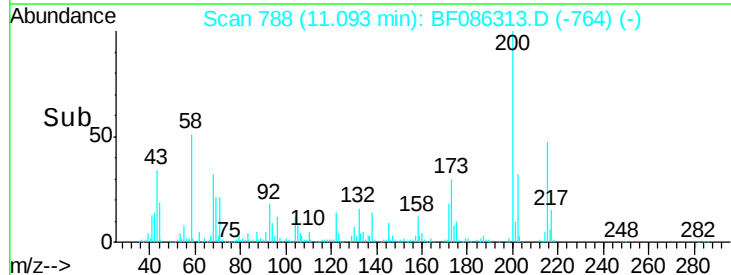
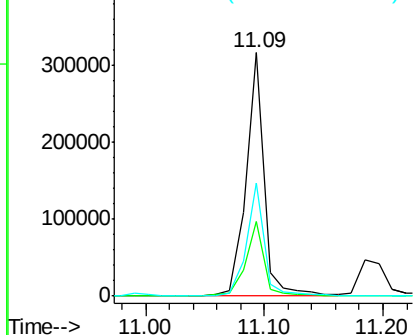


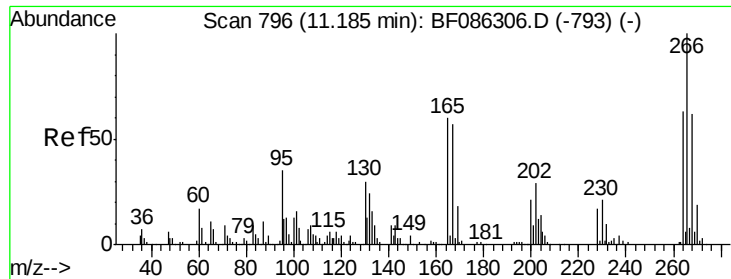
#68
Atrazine
Concen: 41.46 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF086313.D
Acq: 20 Apr 2016 17:19

Tgt Ion:200 Resp: 338359
Ion Ratio Lower Upper
200 100
173 30.4 11.2 51.2
215 46.6 24.0 64.0



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

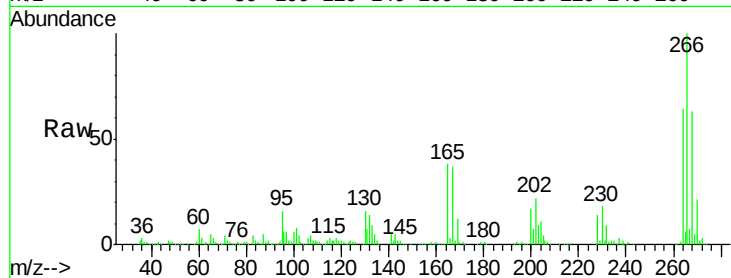




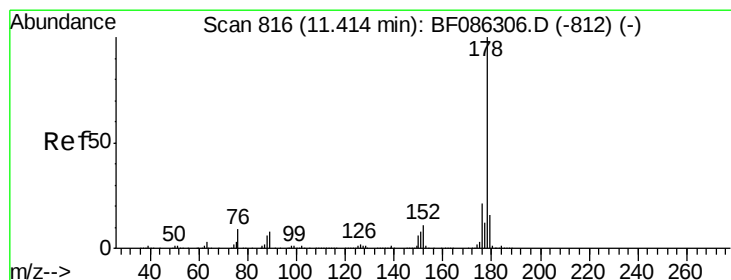
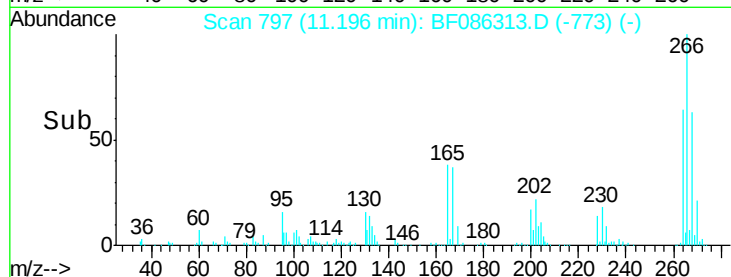
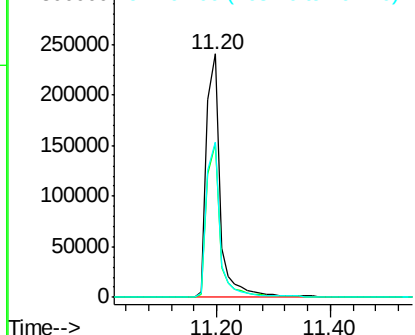
#69
 Pentachlorophenol
 Concen: 85.83 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion:266 Resp: 390768
 Ion Ratio Lower Upper
 266 100
 268 63.4 53.0 79.4
 264 63.6 51.3 76.9

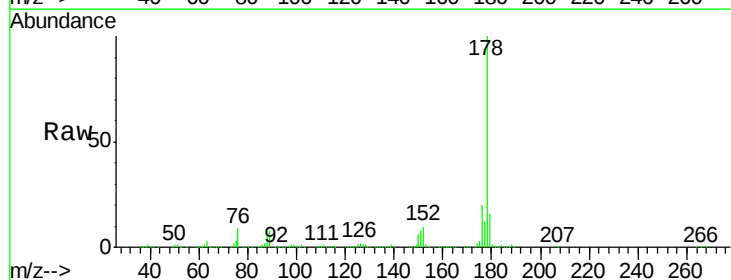


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

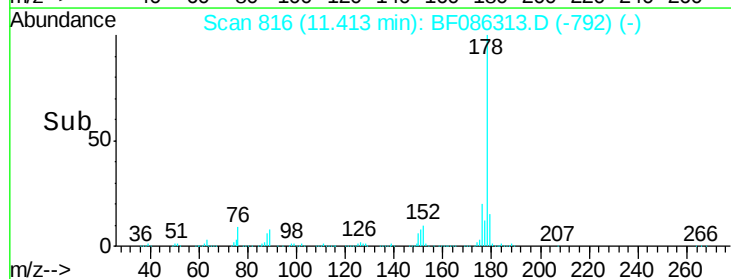
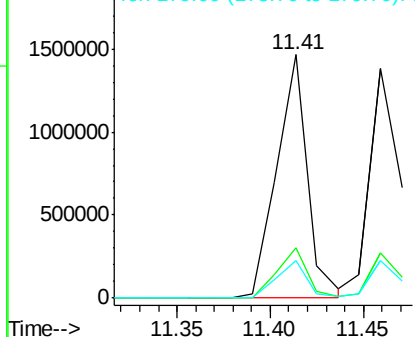


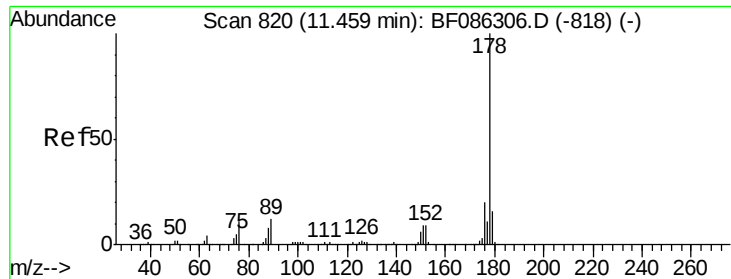
#70
 Phenanthrene
 Concen: 43.82 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:178 Resp: 1673482
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.3 24.5
 179 15.6 13.0 19.6



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

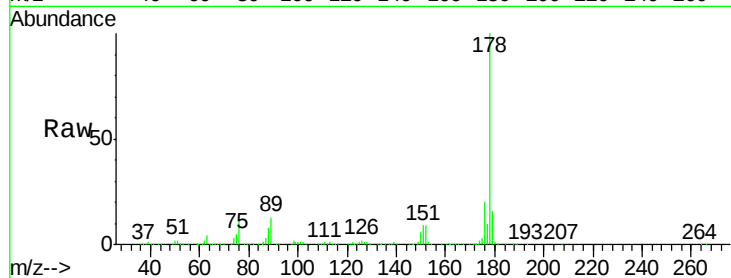




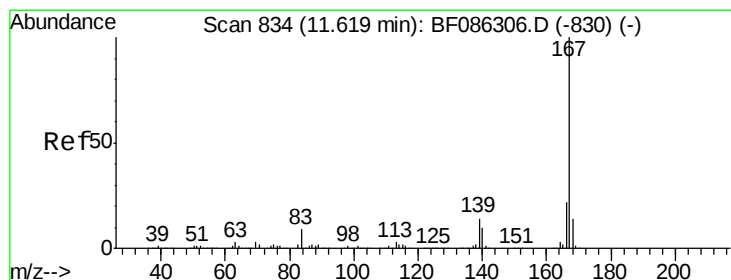
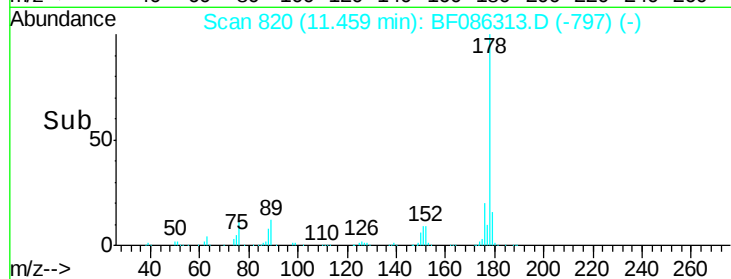
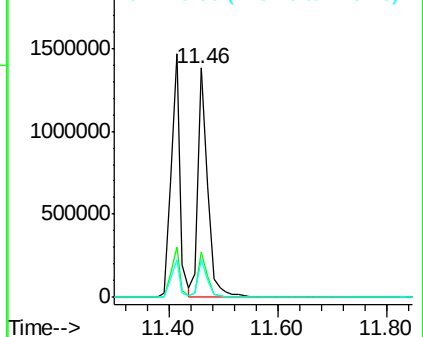
#71
 Anthracene
 Concen: 41.01 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion:178 Resp: 1677276
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 16.3 13.2 19.8

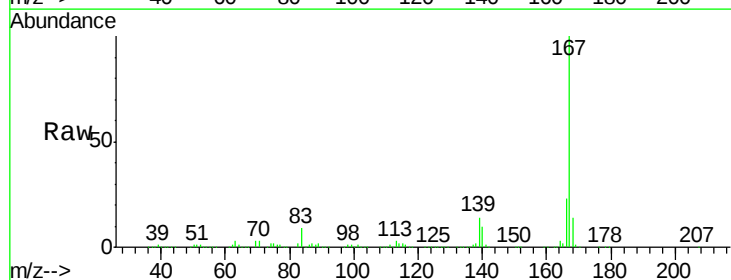


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

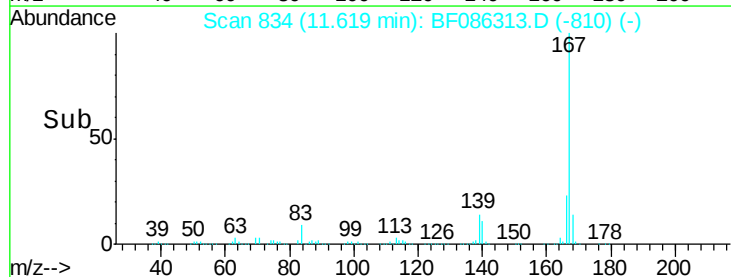
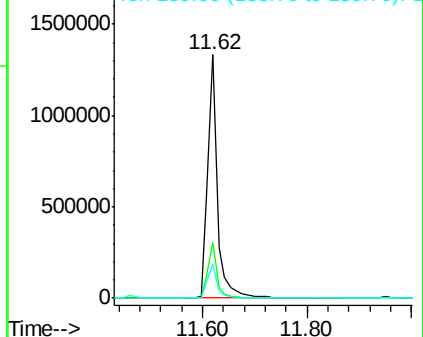


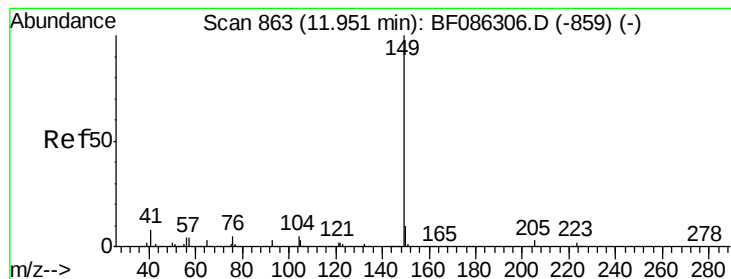
#72
 Carbazole
 Concen: 43.77 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion:167 Resp: 1694096
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.3 27.5
 139 14.0 12.3 18.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.61 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

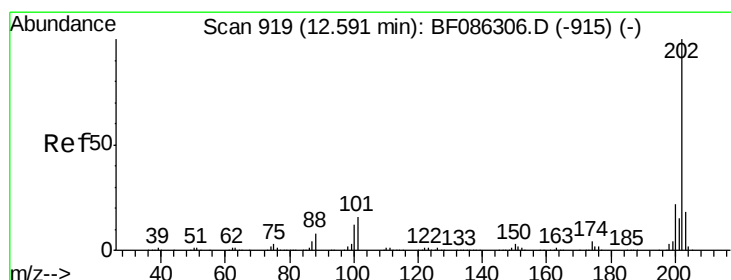
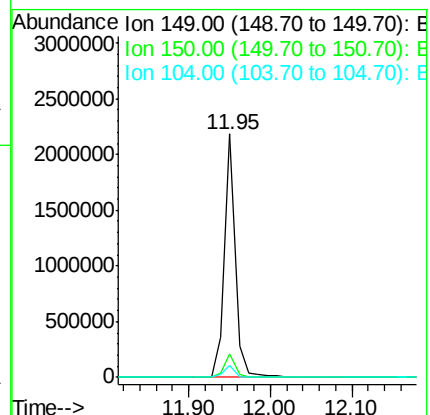
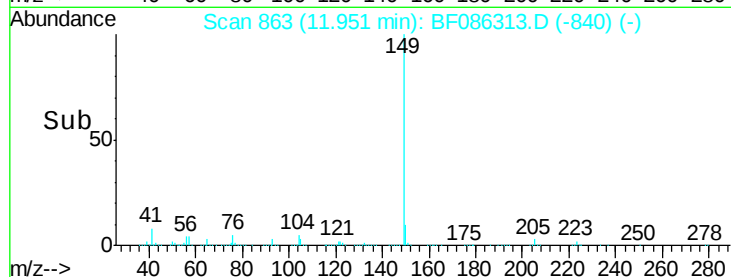
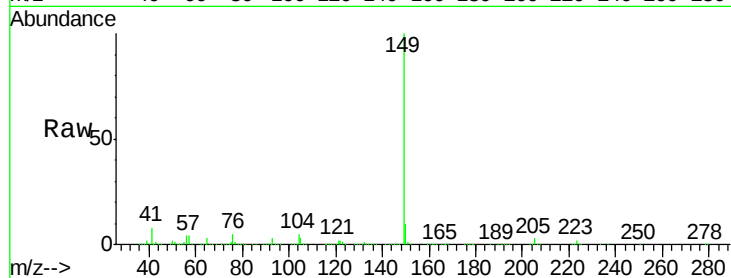
Tgt Ion:149 Resp: 2023561

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

104 5.1 4.1 6.1



#74

Fluoranthene

Concen: 41.05 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

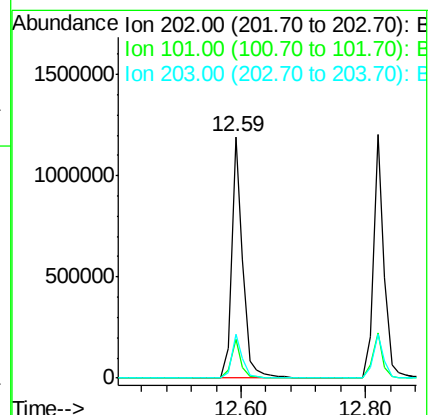
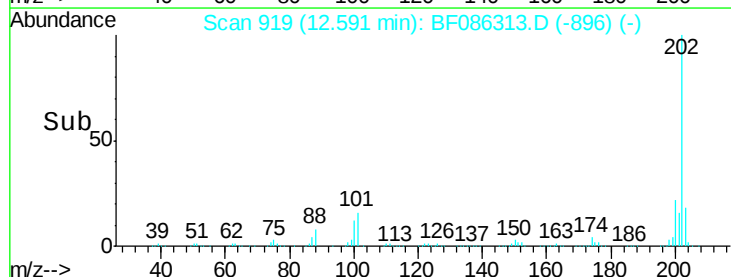
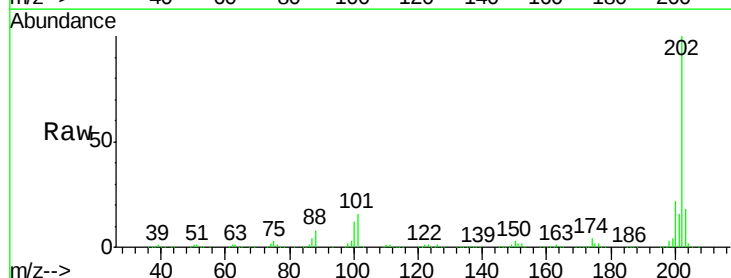
Tgt Ion:202 Resp: 1453654

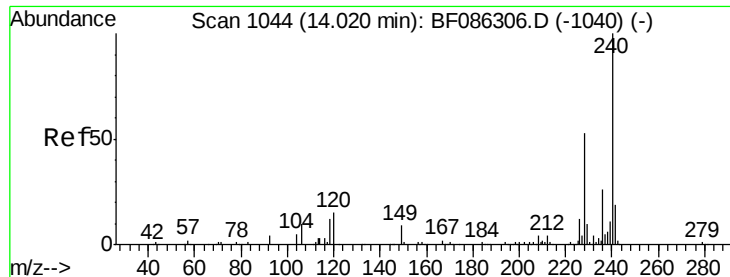
Ion Ratio Lower Upper

202 100

101 16.2 0.0 35.2

203 18.0 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

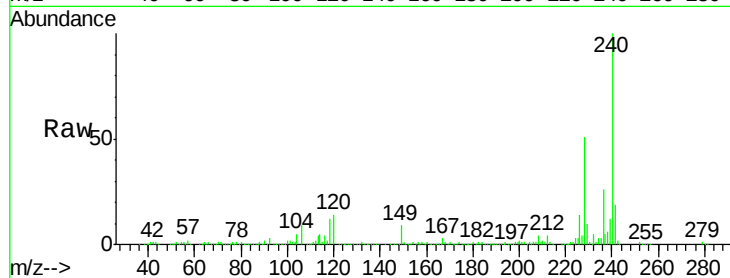
Tgt Ion:240 Resp: 443718

Ion Ratio Lower Upper

240 100

120 13.5 9.3 13.9

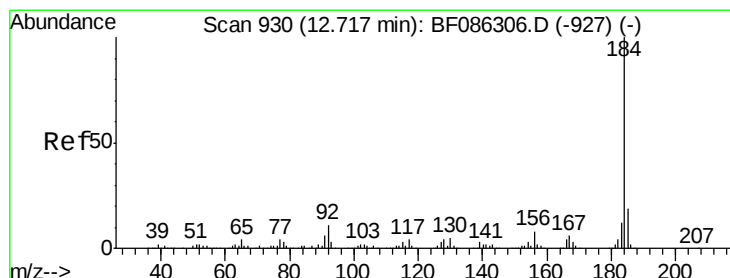
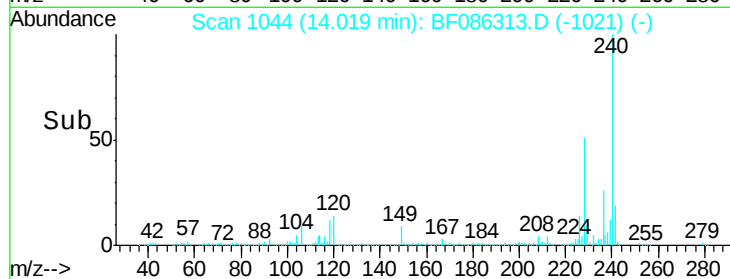
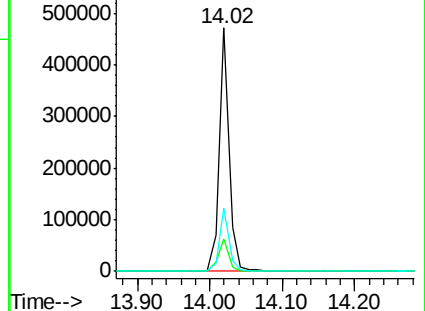
236 26.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.90 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

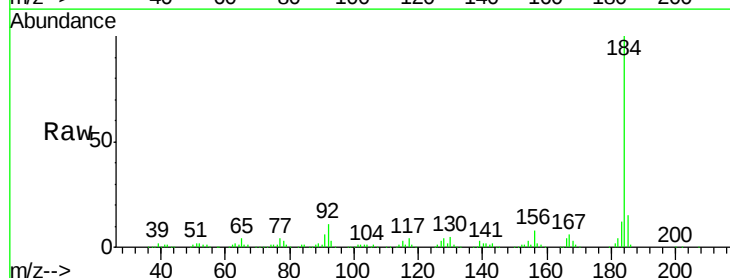
Tgt Ion:184 Resp: 585759

Ion Ratio Lower Upper

184 100

185 15.4 14.2 21.2

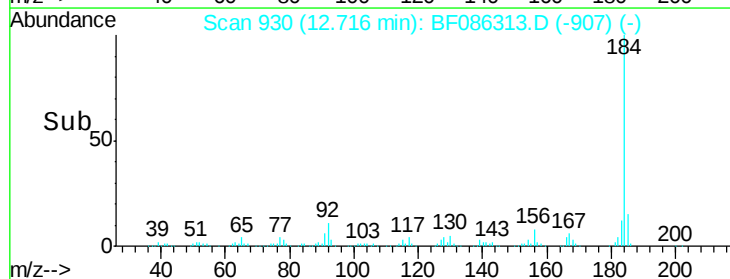
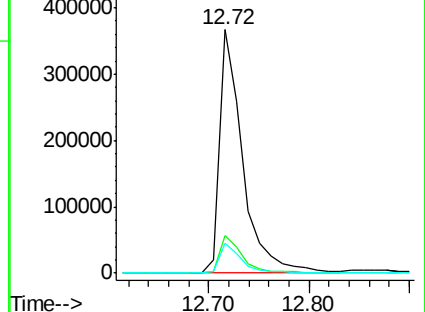
183 12.1 9.8 14.6

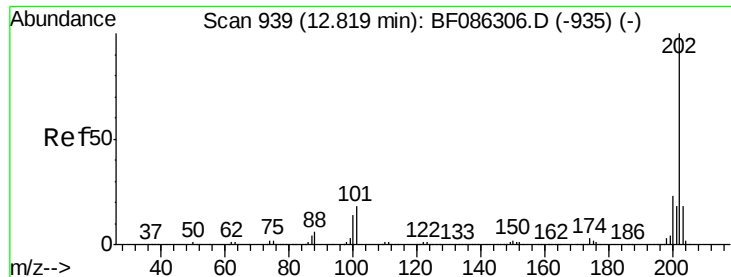


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

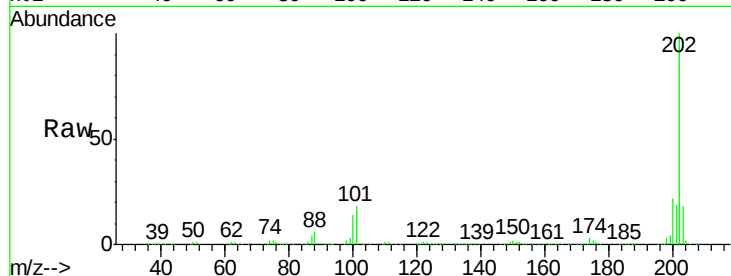




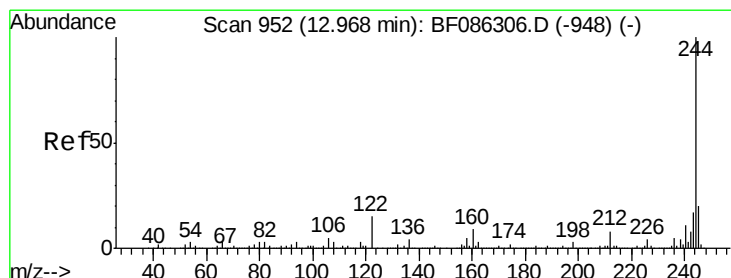
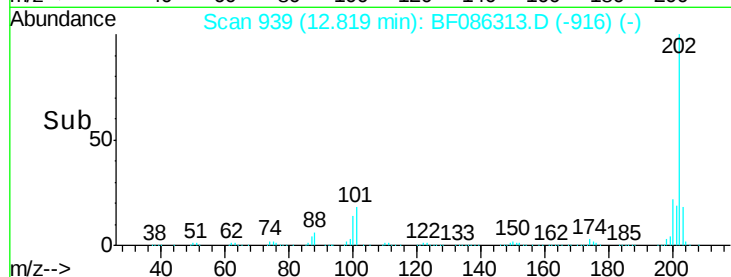
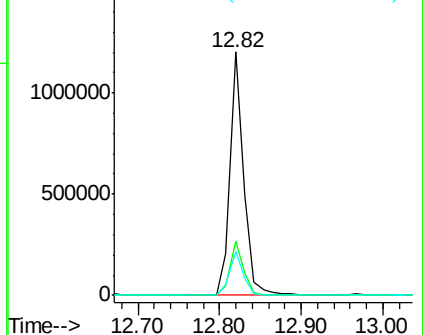
#77
 Pyrene
 Concen: 42.42 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion: 202 Resp: 1396370
 Ion Ratio Lower Upper
 202 100
 200 22.5 18.3 27.5
 203 18.2 14.9 22.3

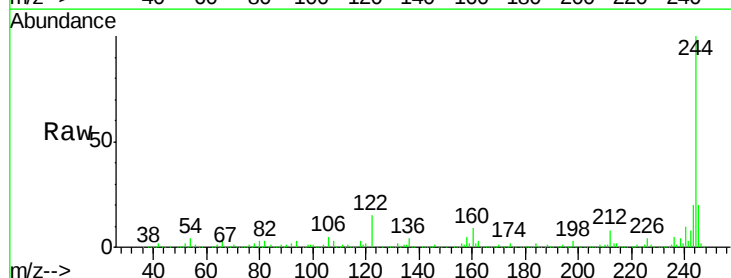


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

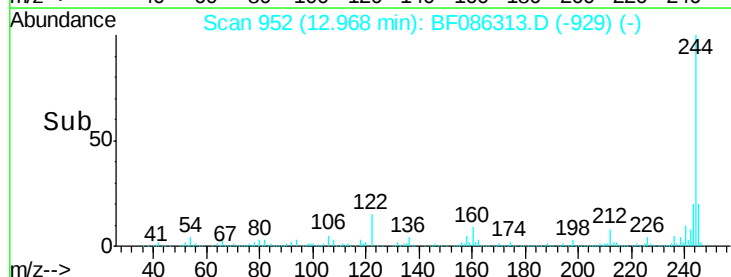
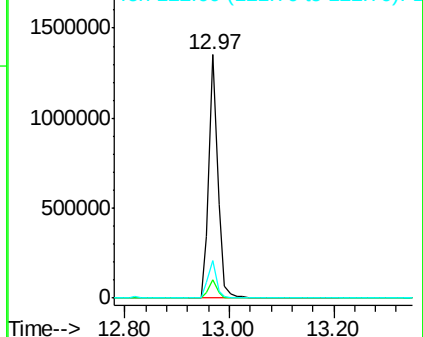


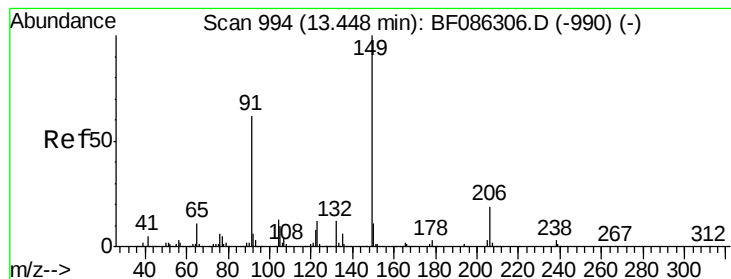
#78
 Terphenyl-d14
 Concen: 86.24 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion: 244 Resp: 1607658
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 15.2 11.7 17.5



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





#79

Butylbenzylphthalate

Concen: 46.42 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

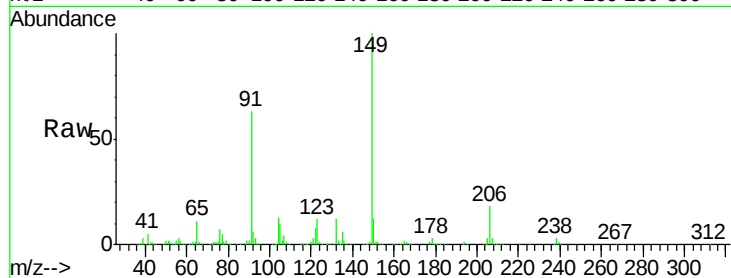
Instrument :

BNA_F

ClientSampleId :

PB89945BS

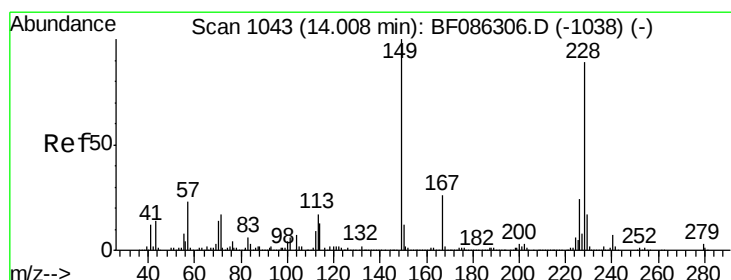
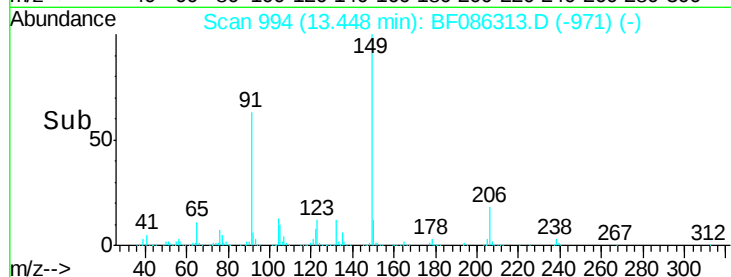
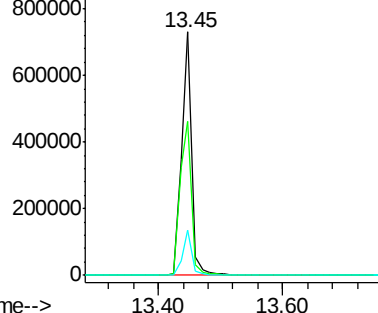
Tgt Ion:	149	Resp:	806557
Ion	Ratio	Lower	Upper
149	100		
91	63.2	48.7	73.1
206	18.5	15.7	23.5



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: 42.71 ng

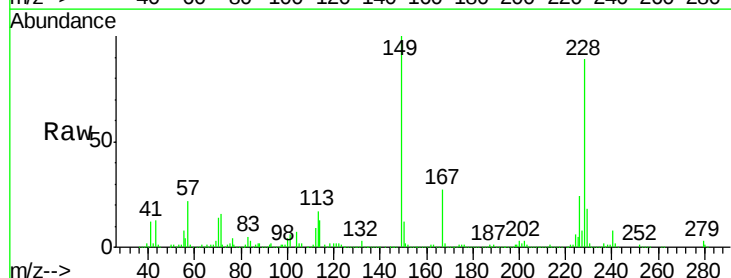
RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

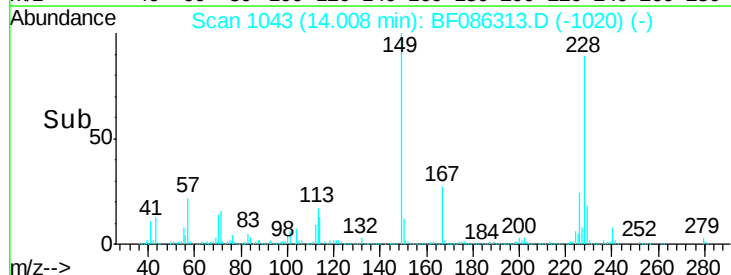
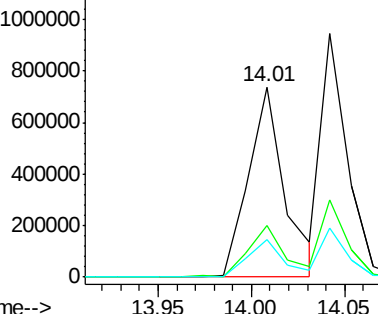
Tgt Ion:	228	Resp:	998297
Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	19.8	16.2	24.2

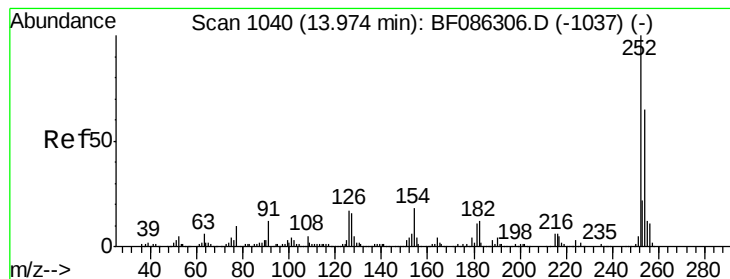


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

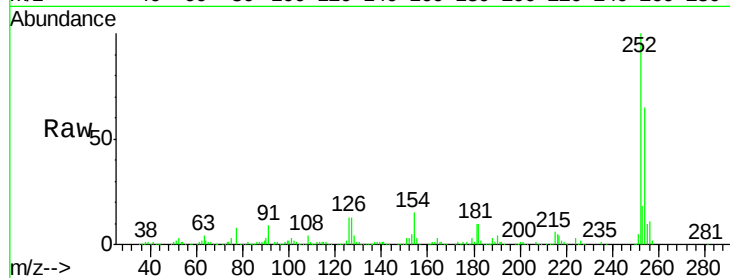




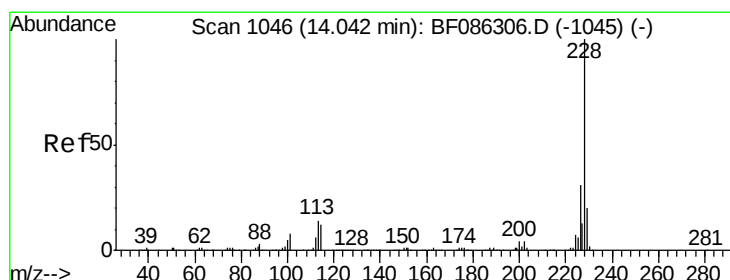
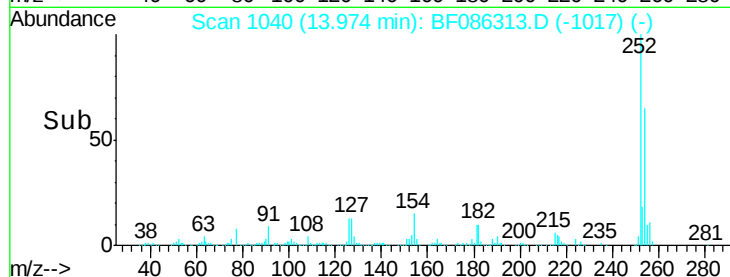
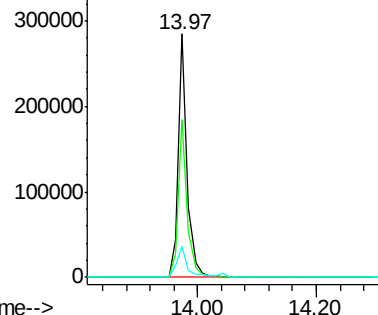
#81
 3,3'-Dichlorobenzidine
 Concen: 18.71 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	12.6	13.2	19.8#

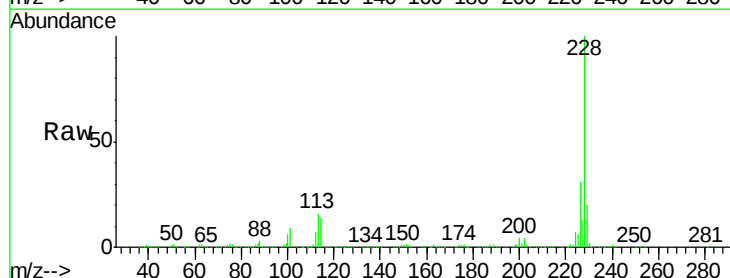


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

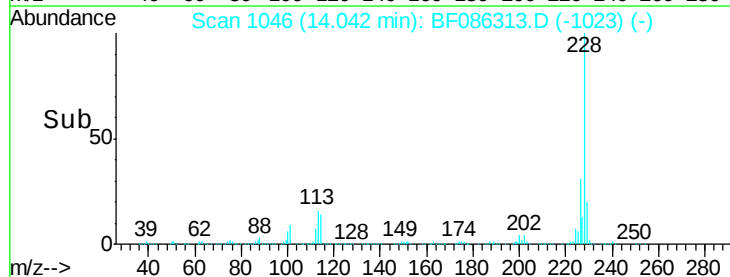
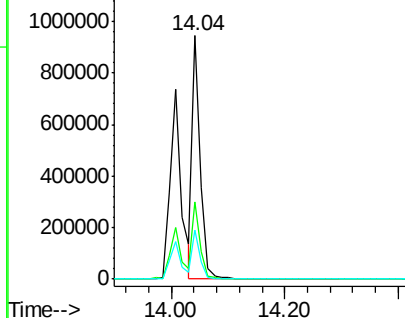


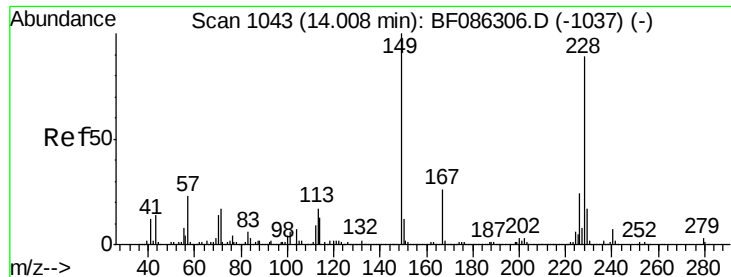
#82
 Chrysene
 Concen: 37.36 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.2
229	20.3	16.5	24.7



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: 44.45 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

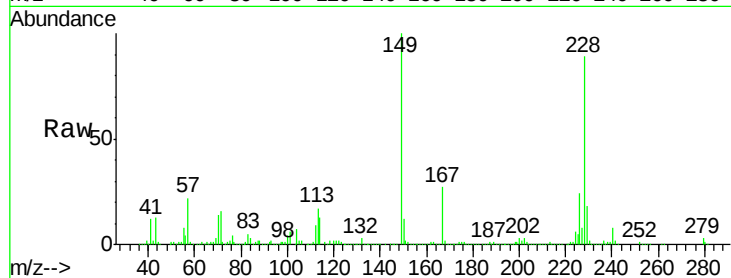
Tgt Ion:149 Resp: 904435

Ion Ratio Lower Upper

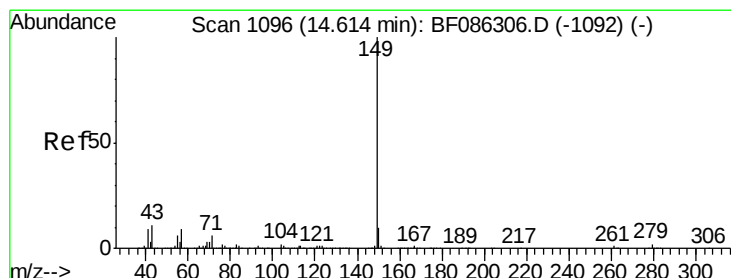
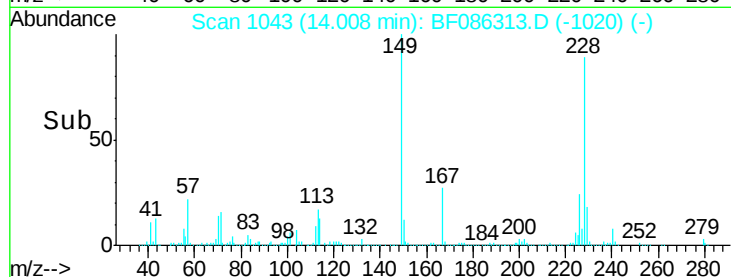
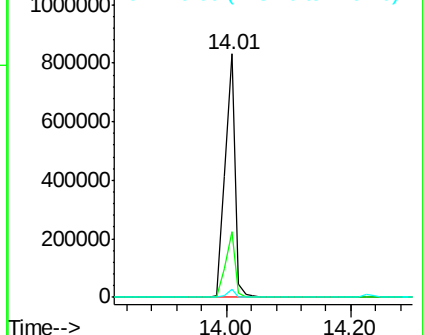
149 100

167 26.8 21.0 31.4

279 3.2 2.4 3.6



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



#84

Di-n-octyl phthalate

Concen: 43.04 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

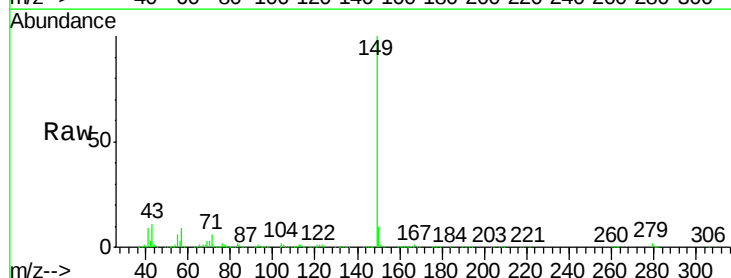
Tgt Ion:149 Resp: 1578310

Ion Ratio Lower Upper

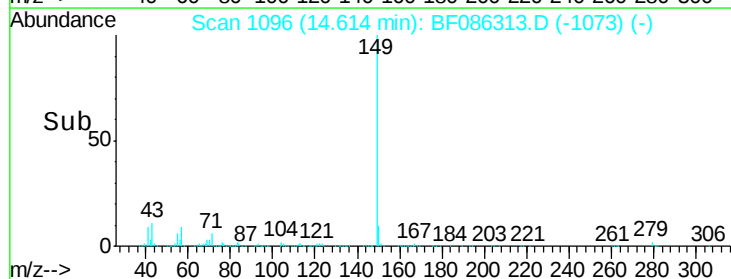
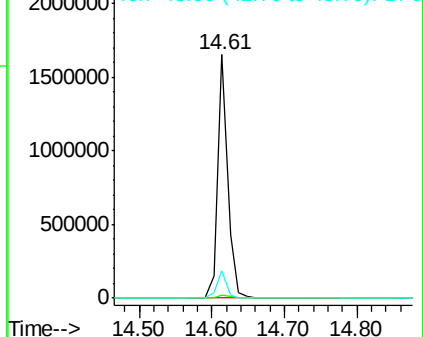
149 100

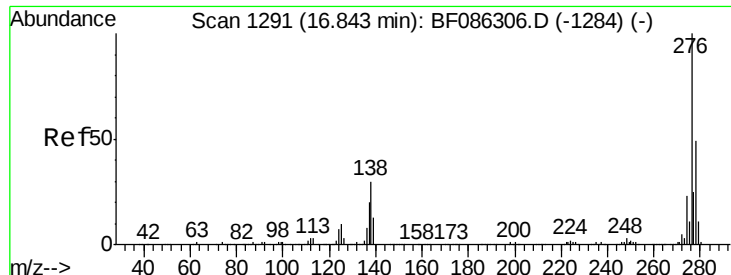
167 1.5 1.1 1.7

43 10.6 9.1 13.7



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



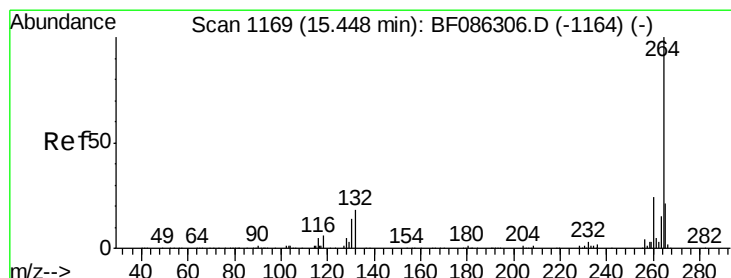
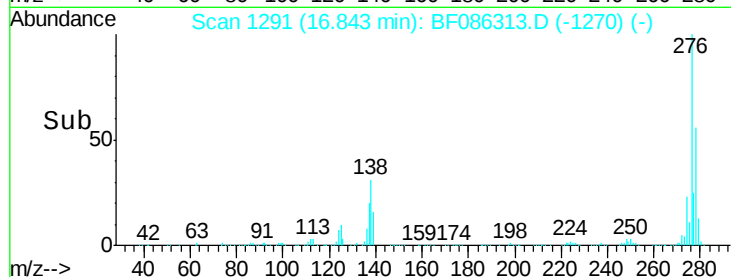
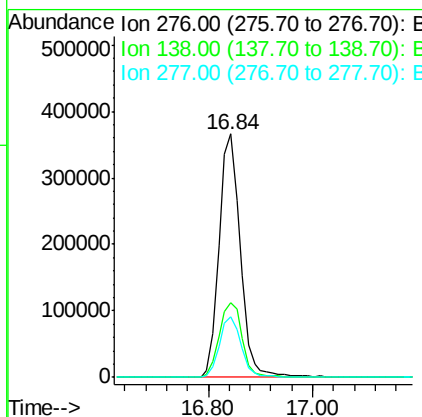
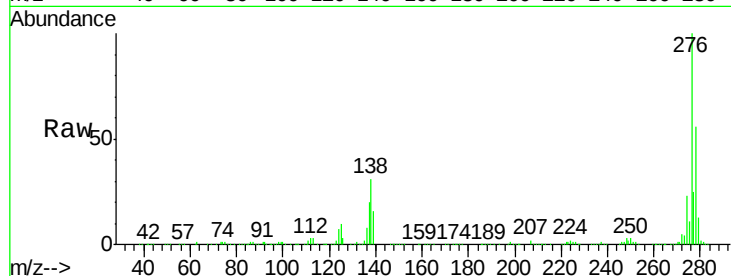


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.00 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Instrument :
 BNA_F
 ClientSampleId :
 PB89945BS

Tgt Ion: 276 Resp: 1039077

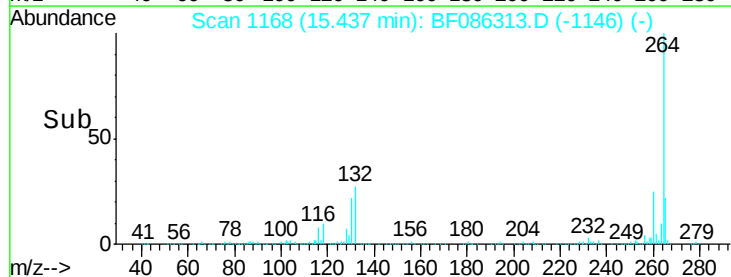
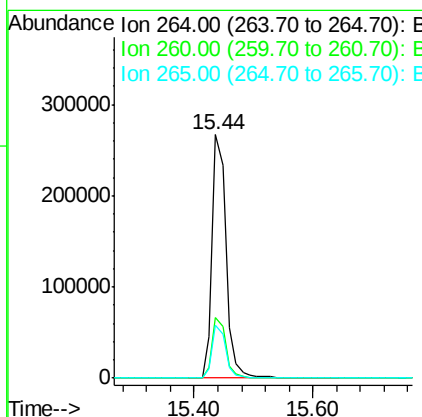
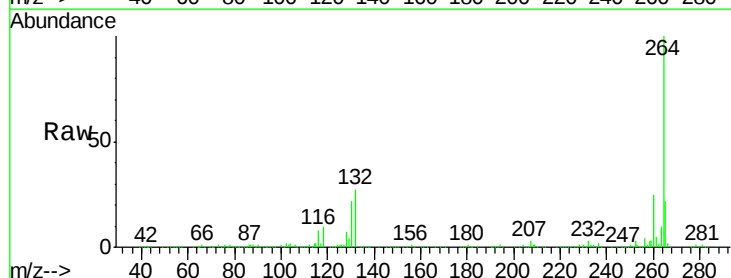
Ion	Ratio	Lower	Upper
276	100		
138	33.5	23.8	35.6
277	25.6	20.2	30.2

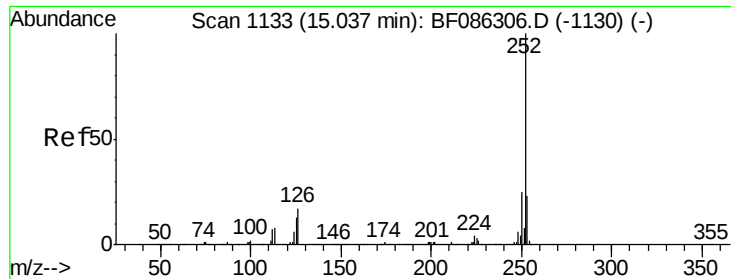


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086313.D
 Acq: 20 Apr 2016 17:19

Tgt Ion: 264 Resp: 437020

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 81.48 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

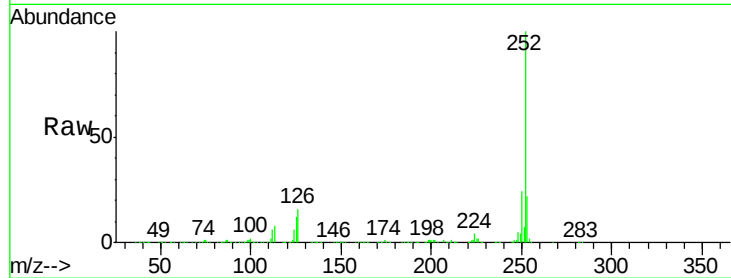
Tgt Ion:252 Resp: 2059637

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

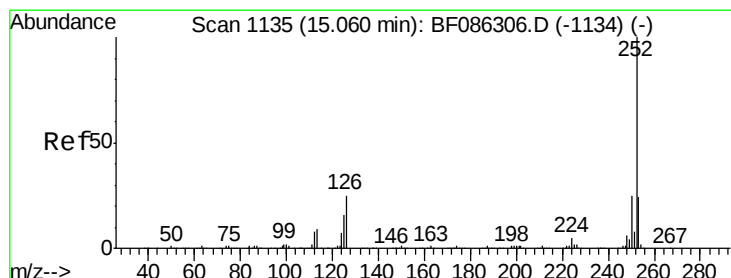
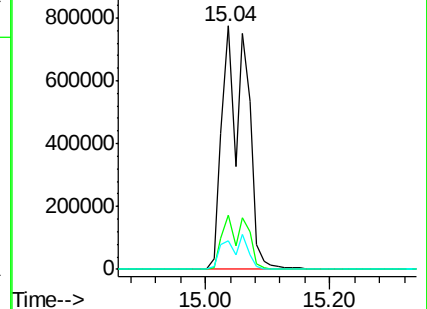
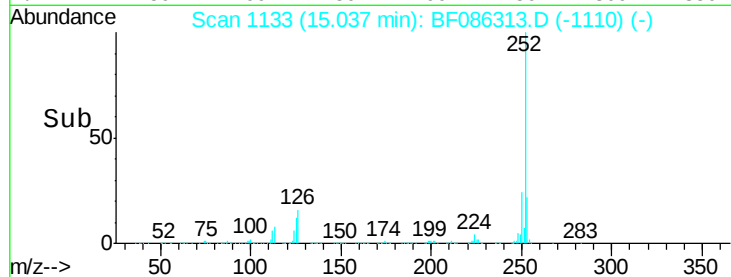
125 12.0 10.3 15.5



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: 96.79 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.07 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

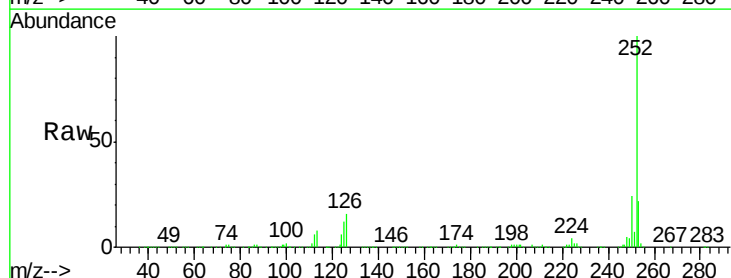
Tgt Ion:252 Resp: 2059637

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

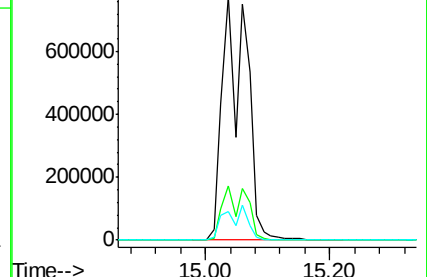
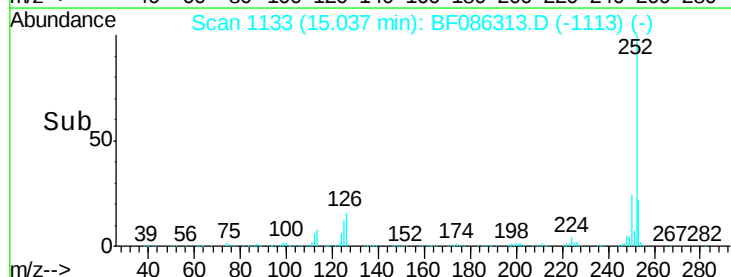
125 12.0 7.8 11.6#

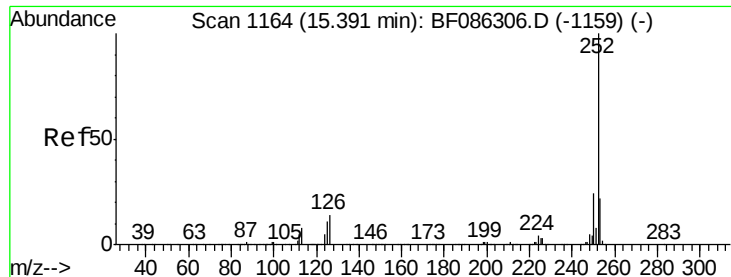


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.79 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.05 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

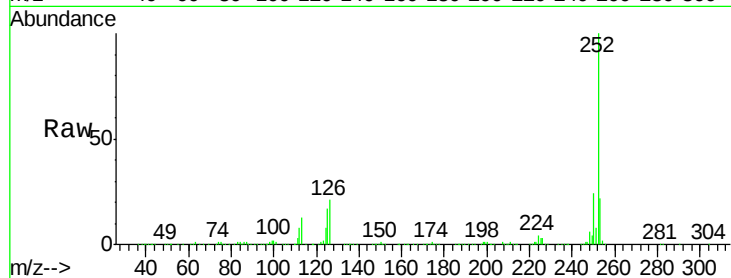
Tgt Ion:252 Resp: 1020218

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

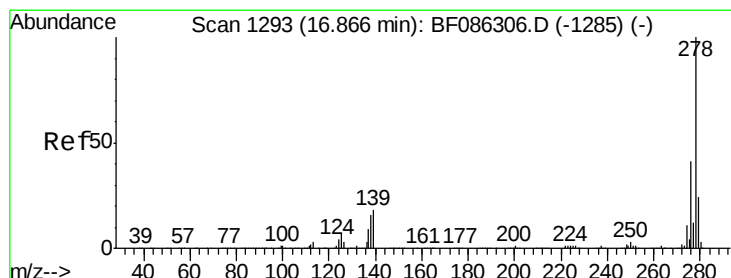
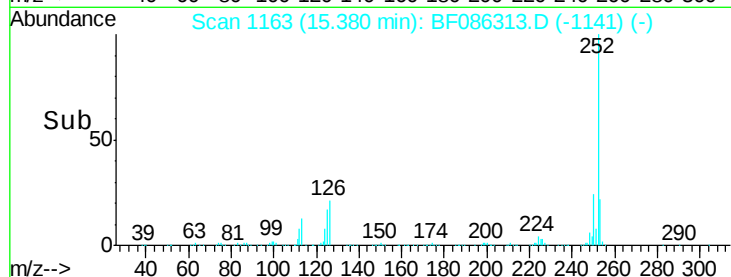
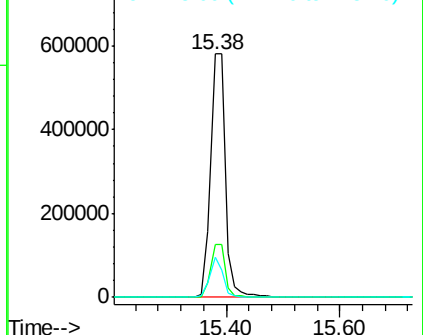
125 16.7 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.24 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

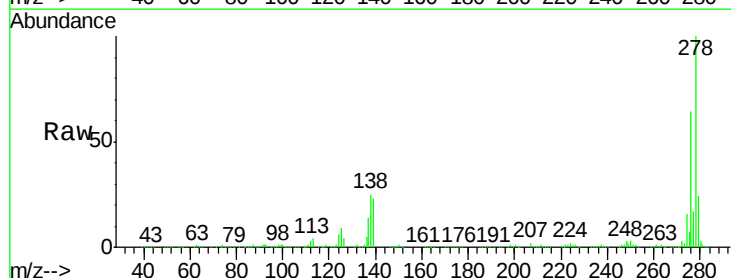
Tgt Ion:278 Resp: 879362

Ion Ratio Lower Upper

278 100

139 22.6 15.3 22.9

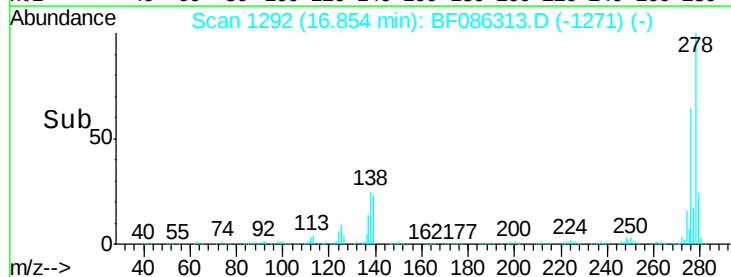
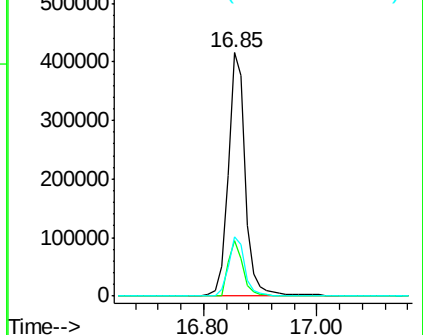
279 24.3 19.1 28.7

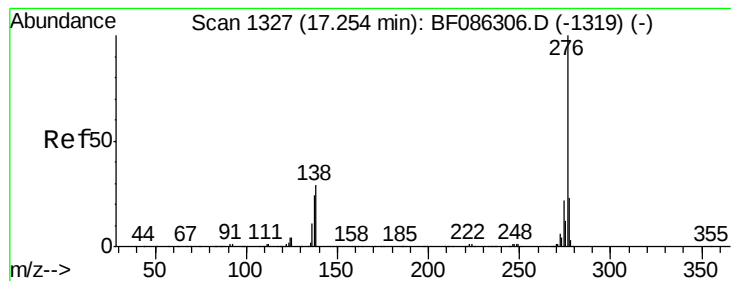


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.10 ng

RT: 17.25 min Scan# 1327

Delta R.T. -0.07 min

Lab File: BF086313.D

Acq: 20 Apr 2016 17:19

Instrument :

BNA_F

ClientSampleId :

PB89945BS

Tgt Ion: 276 Resp: 859979

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.6

138 30.7 19.6 29.4#

