

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086364.D
 Acq On : 23 Apr 2016 1:54
 Operator : UM/SJ
 Sample : PB90017BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Quant Time: Apr 23 03:26:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	182347	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	765139	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	385970	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	739046	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	563455	20.00	ng	0.00
86) Perylene-d12	15.41	264	521322	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1218251	115.38	ng	0.02
7) Phenol-d6	6.48	99	1508297	105.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	966941	74.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	385176	110.24	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1759258	77.78	ng	0.00
78) Terphenyl-d14	12.95	244	1632795	72.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	172564	29.55	ng	97
3) Pyridine	3.21	79	483917	34.78	ng	98
4) n-Nitrosodimethylamine	3.15	42	180427	34.18	ng	98
6) Aniline	6.51	93	482462	27.54	ng	89
8) 2-Chlorophenol	6.62	128	474324	36.79	ng	98
9) Benzaldehyde	6.38	77	84794	9.72	ng	93
10) Phenol	6.49	94	620855	36.63	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	503116	34.09	ng	98
12) 1,3-Dichlorobenzene	6.78	146	509253	37.04	ng	98
13) 1,4-Dichlorobenzene	6.86	146	528653	35.01	ng	97
14) 1,2-Dichlorobenzene	7.01	146	499706	36.42	ng	98
15) Benzyl Alcohol	6.99	79	357405	41.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	651157	33.66	ng	98
17) 2-Methylphenol	7.10	107	408999	38.72	ng	98
18) Hexachloroethane	7.36	117	181444	35.67	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	309396	36.07	ng	# 84
20) 3+4-Methylphenols	7.25	107	444731	39.72	ng	98
22) Acetophenone	7.25	105	626685	39.04	ng	# 96
24) Nitrobenzene	7.42	77	503584	36.35	ng	96
25) Isophorone	7.66	82	911469	36.01	ng	97
26) 2-Nitrophenol	7.74	139	280475	40.97	ng	95
27) 2,4-Dimethylphenol	7.78	122	447960	38.22	ng	90
28) bis(2-Chloroethoxy)methane	7.88	93	580933	41.10	ng	99
29) 2,4-Dichlorophenol	7.98	162	431778	44.56	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	405892	38.57	ng	94
31) Naphthalene	8.14	128	1408154	36.13	ng	99
32) Benzoic acid	7.90	122	242966	32.42	ng	90
33) 4-Chloroaniline	8.20	127	224219	14.77	ng	97
34) Hexachlorobutadiene	8.27	225	203470	38.71	ng	99
35) Caprolactam	8.60	113	51847	14.91	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	473513	41.12	ng	98
37) 2-Methylnaphthalene	8.84	142	932767	41.49	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	346736	34.72	ng	99
40) Hexachlorocyclopentadiene	8.99	237	384100	78.75	ng	98

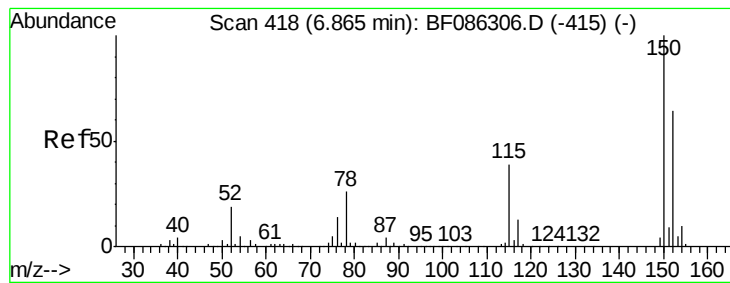
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	266902	40.76	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	312947	38.82	ng	98
45) 1,1'-Biphenyl	9.30	154	1115630	37.26	ng	96
46) 2-Chloronaphthalene	9.33	162	886907	37.42	ng	98
47) 2-Nitroaniline	9.42	65	312904	42.40	ng	99
48) Acenaphthylene	9.74	152	1471318	38.29	ng	100
49) Dimethylphthalate	9.61	163	1087171	38.99	ng	100
50) 2,6-Dinitrotoluene	9.66	165	243616	40.45	ng	97
51) Acenaphthene	9.92	154	1018320	43.14	ng	100
52) 3-Nitroaniline	9.84	138	176327	23.38	ng	97
53) 2,4-Dinitrophenol	9.94	184	261075	83.38	ng	88
54) Dibenzofuran	10.09	168	1260673	41.58	ng	100
55) 4-Nitrophenol	10.00	139	424728	80.50	ng	84
56) 2,4-Dinitrotoluene	10.08	165	335299	41.92	ng	# 70
57) Fluorene	10.43	166	956980	38.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	256958	43.61	ng	98
59) Diethylphthalate	10.30	149	1023228	38.32	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	401046	36.91	ng	98
61) 4-Nitroaniline	10.45	138	314064	40.69	ng	96
62) Azobenzene	10.58	77	1121921	40.52	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	171579	37.99	ng	85
65) n-Nitrosodiphenylamine	10.54	169	896436	39.34	ng	99
66) 4-Bromophenyl-phenylether	10.91	248	279845	38.67	ng	93
67) Hexachlorobenzene	10.97	284	288096	37.31	ng	# 58
68) Atrazine	11.07	200	282648	40.17	ng	98
69) Pentachlorophenol	11.17	266	347701	76.69	ng	98
70) Phenanthrene	11.39	178	1463111	39.40	ng	99
71) Anthracene	11.44	178	1527888	35.91	ng	99
72) Carbazole	11.60	167	1612551	40.35	ng	100
73) Di-n-butylphthalate	11.93	149	1650466	39.26	ng	99
74) Fluoranthene	12.57	202	1529308	38.19	ng	98
76) Benzidine	12.69	184	672586	29.11	ng	98
77) Pyrene	12.80	202	1493014	37.99	ng	99
79) Butylbenzylphthalate	13.43	149	774468	42.31	ng	99
80) Benzo(a)anthracene	13.99	228	1085802	37.12	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	202554	10.04	ng	# 98
82) Chrysene	14.02	228	1303161	39.54	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	811127	39.57	ng	100
84) Di-n-octyl phthalate	14.59	149	1661857	42.23	ng	99
85) Indeno(1,2,3-cd)pyrene	16.79	276	1113481	38.01	ng	100
87) Benzo(b)fluoranthene	15.04	252	2422685	84.66	ng	97
88) Benzo(k)fluoranthene	15.04	252	2425828	86.37	ng	100
89) Benzo(a)pyrene	15.36	252	1150047	40.74	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	913530	39.23	ng	98
91) Benzo(g,h,i)perylene	17.20	276	942241	39.20	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF086364.D

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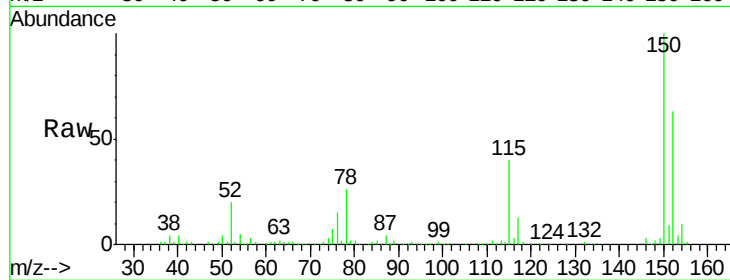
Tgt Ion: 152 Resp: 182347

Ion Ratio Lower Upper

152 100

150 158.7 125.8 188.6

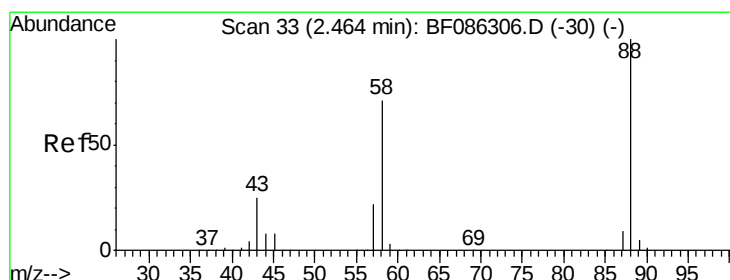
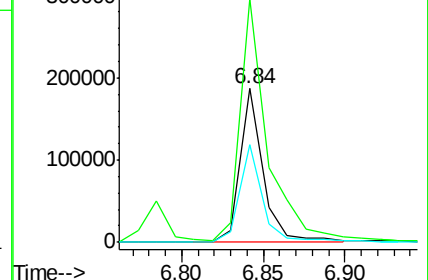
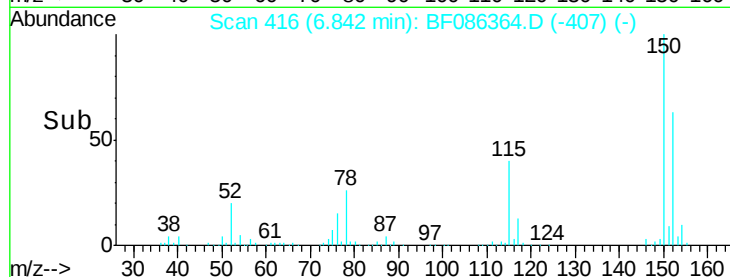
115 63.4 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.55 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.09 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

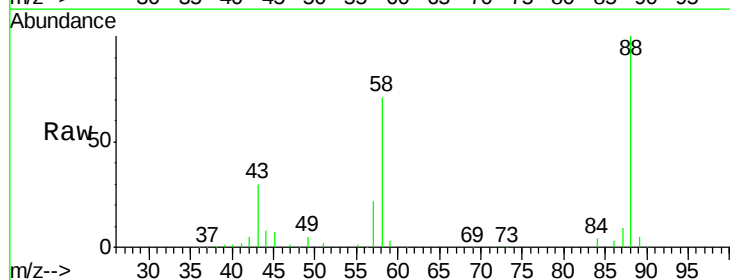
Tgt Ion: 88 Resp: 172564

Ion Ratio Lower Upper

88 100

58 71.7 59.6 89.4

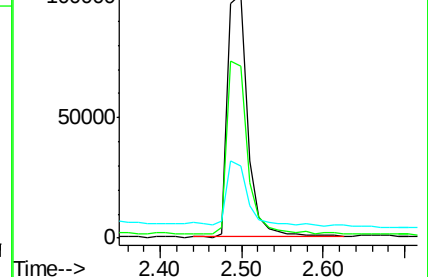
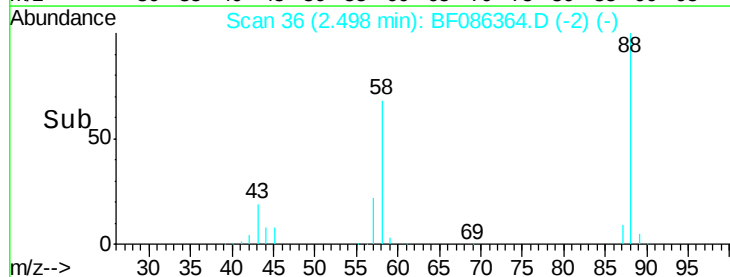
43 27.6 21.8 32.6

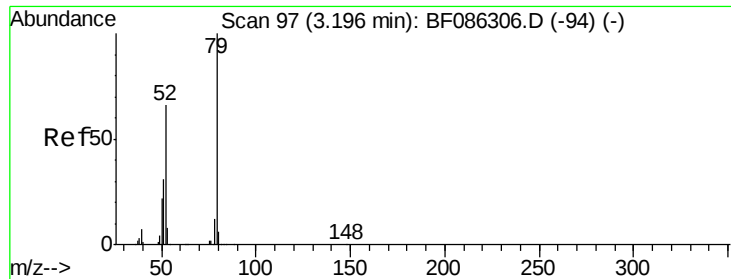


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.78 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.08 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

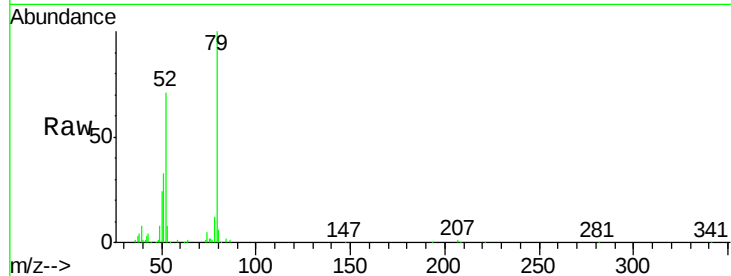
Tgt Ion: 79 Resp: 483917

Ion Ratio Lower Upper

79 100

52 71.3 55.9 83.9

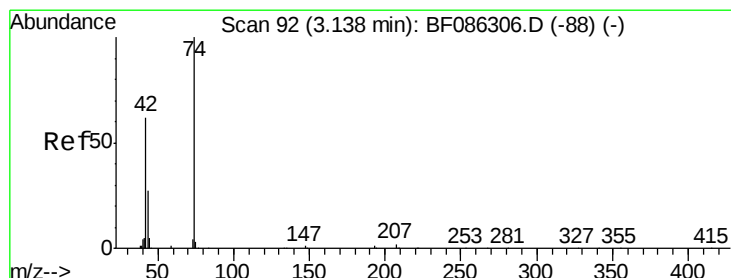
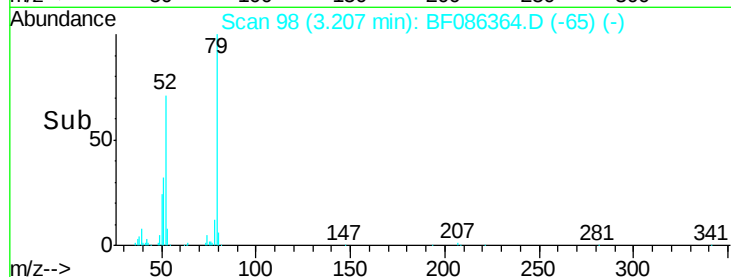
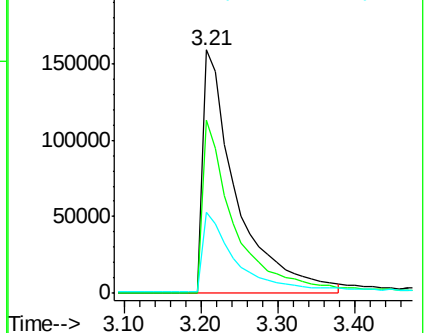
51 33.3 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.18 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.08 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

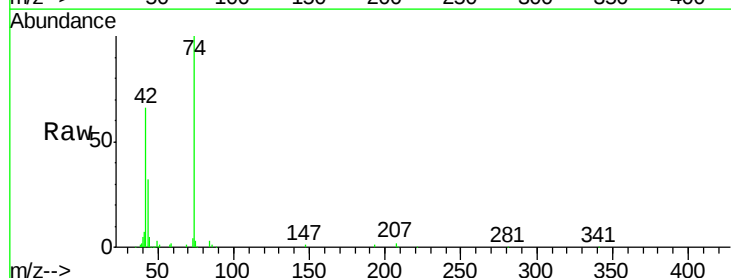
Tgt Ion: 42 Resp: 180427

Ion Ratio Lower Upper

42 100

74 151.9 123.4 185.0

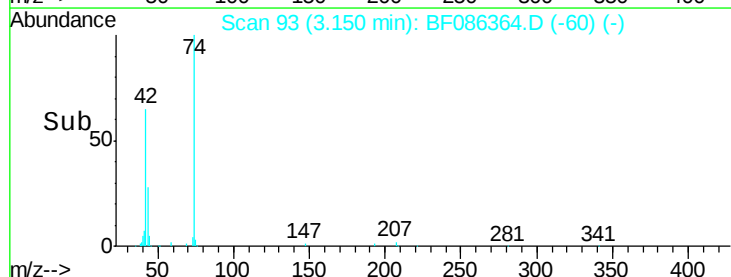
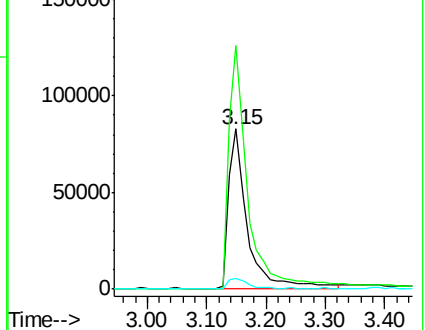
44 7.0 5.8 8.6

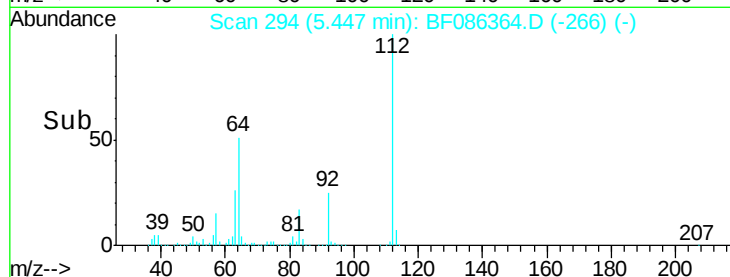
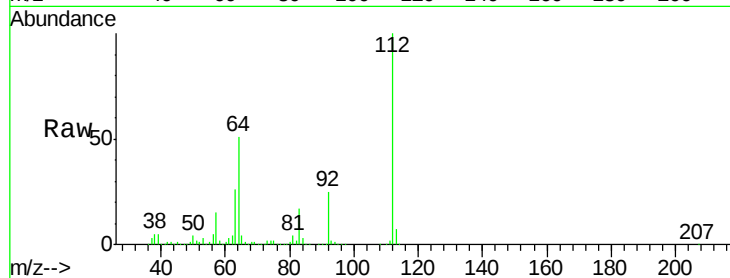
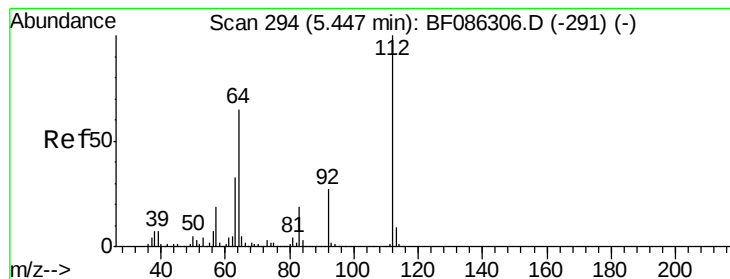


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.38 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

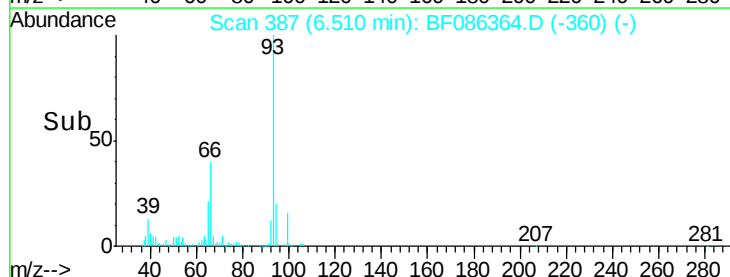
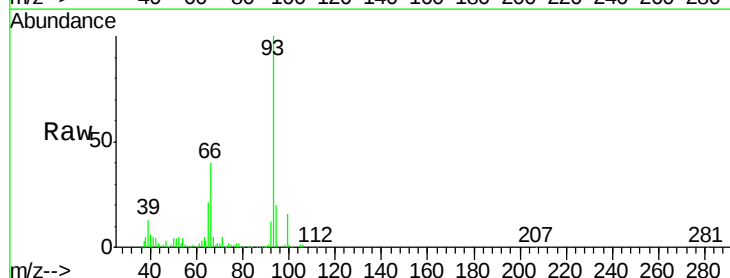
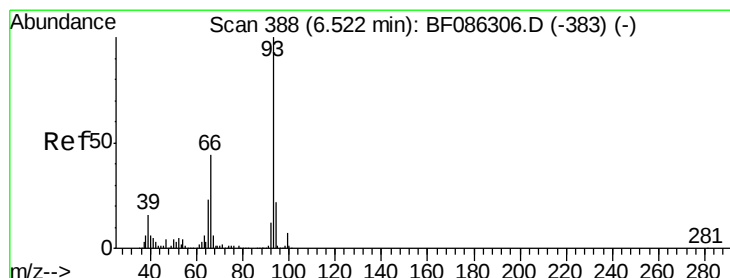
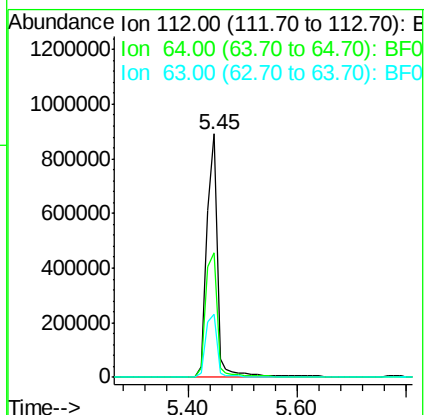
Tgt Ion: 112 Resp: 1218251

Ion Ratio Lower Upper

112 100

64 51.2 52.1 78.1#

63 25.9 25.7 38.5



#6

Aniline

Concen: 27.54 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

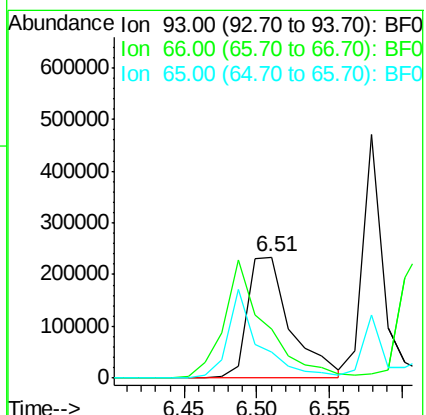
Tgt Ion: 93 Resp: 482462

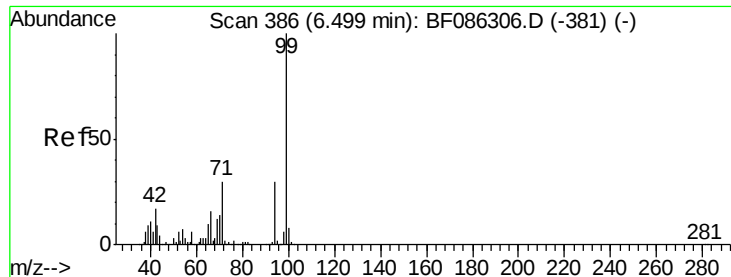
Ion Ratio Lower Upper

93 100

66 40.1 39.0 58.6

65 21.3 20.6 31.0





#7

Phenol-d6

Concen: 105.07 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

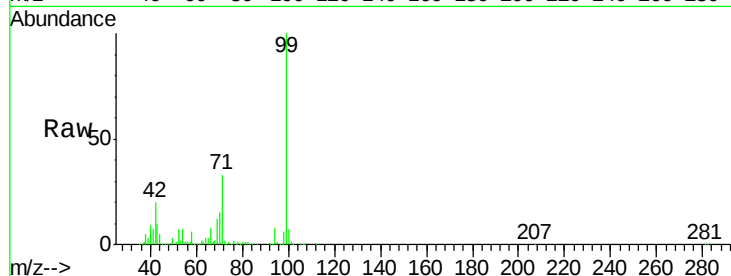
BNA_F

ClientSampleId :

PB90017BS

Tgt Ion: 99 Resp: 1508297

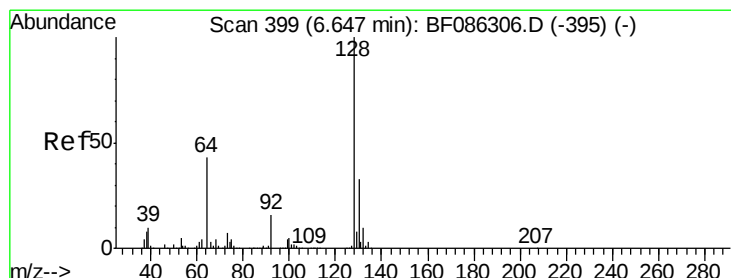
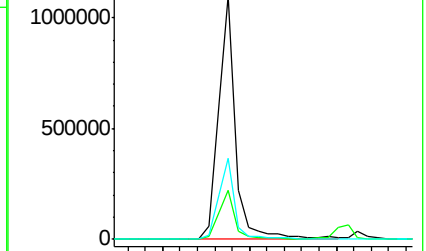
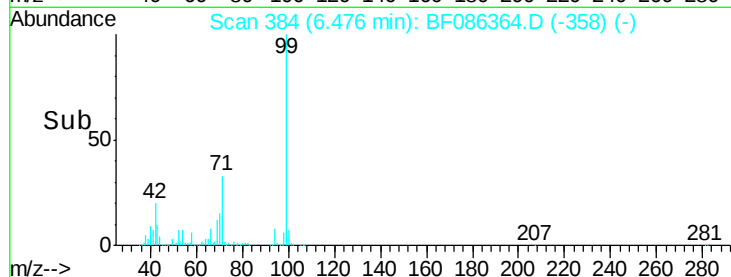
Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.6	20.4
71	33.3	24.6	36.8



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: 36.79 ng

RT: 6.62 min Scan# 397

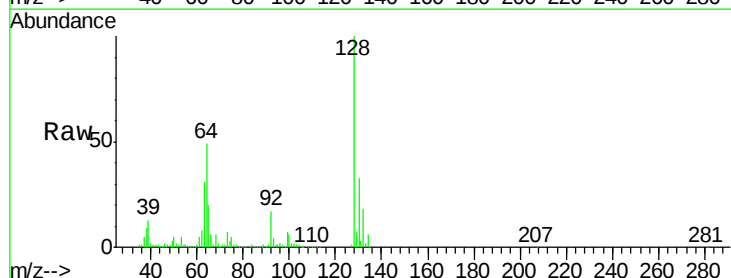
Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion: 128 Resp: 474324

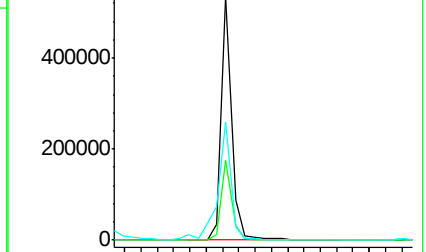
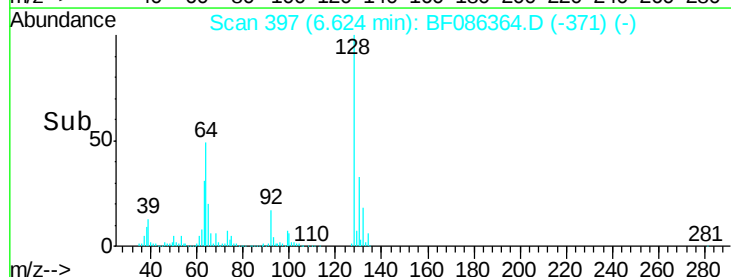
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	48.8	27.3	67.3

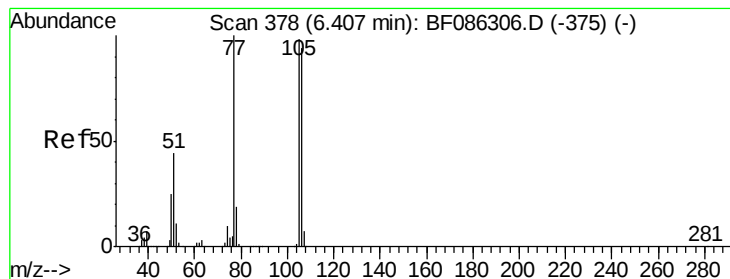


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.72 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086364.D

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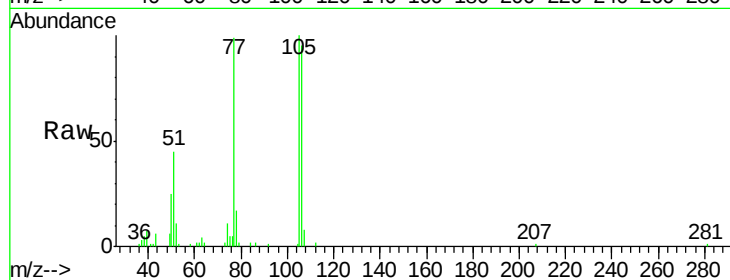
Tgt Ion: 77 Resp: 84794

Ion Ratio Lower Upper

77 100

105 100.6 72.7 112.7

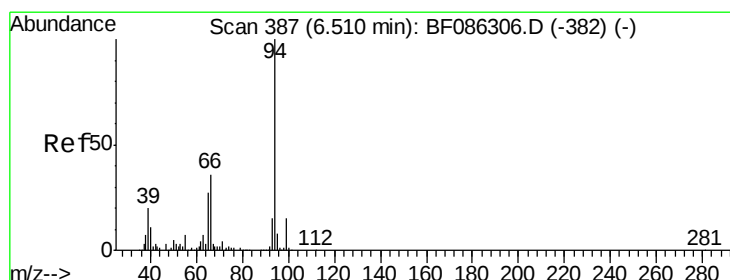
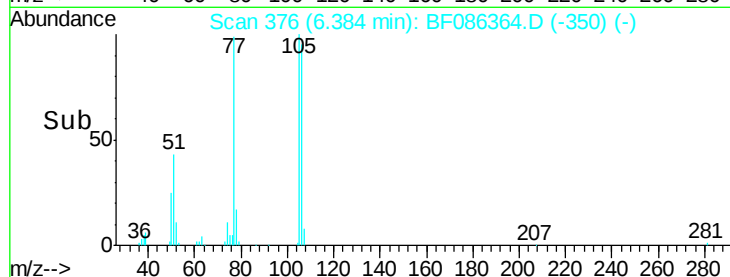
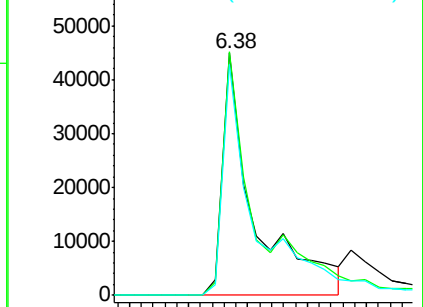
106 95.4 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.63 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

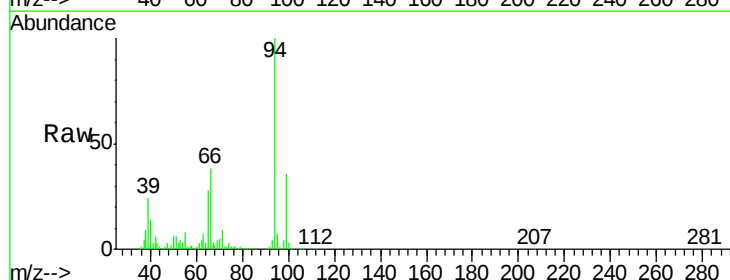
Tgt Ion: 94 Resp: 620855

Ion Ratio Lower Upper

94 100

65 28.5 7.2 47.2

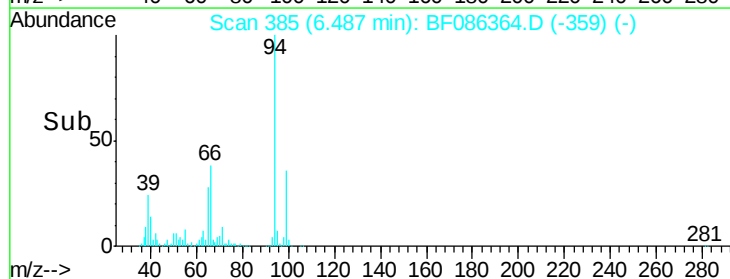
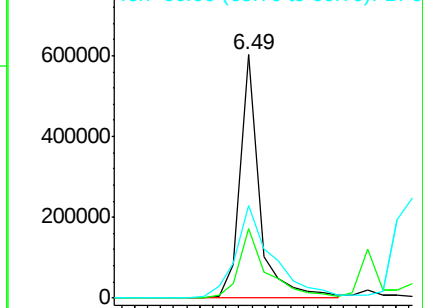
66 37.8 14.9 54.9

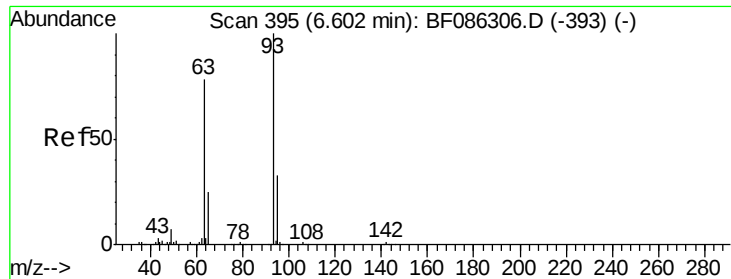


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

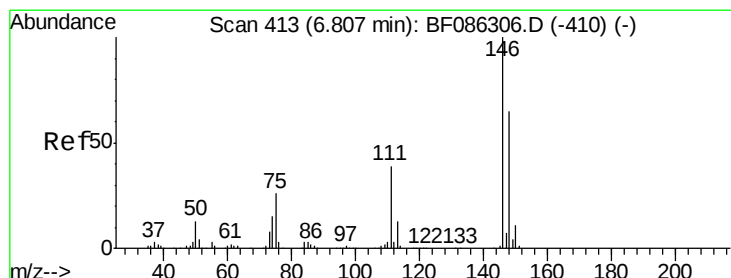
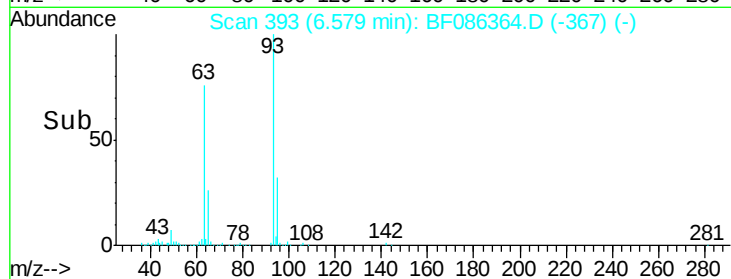
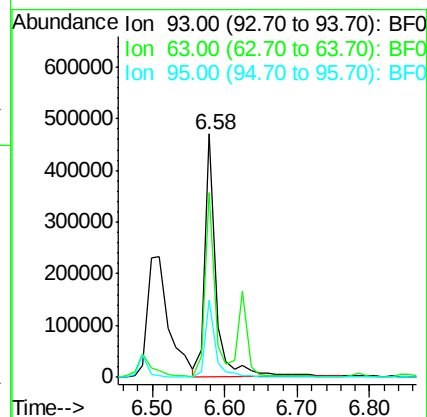
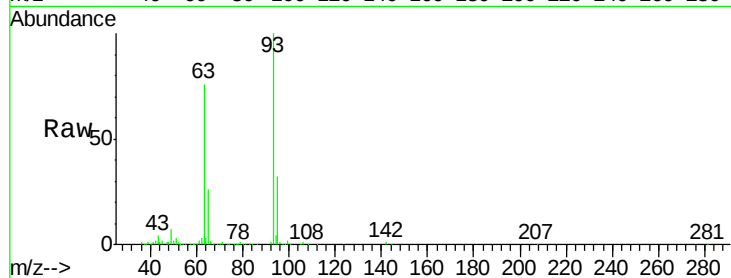




#11
bis(2-Chloroethyl)ether
Concen: 34.09 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

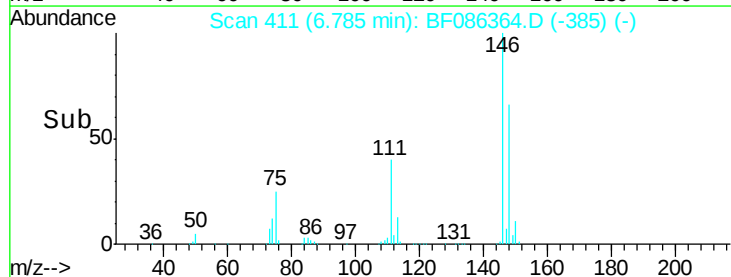
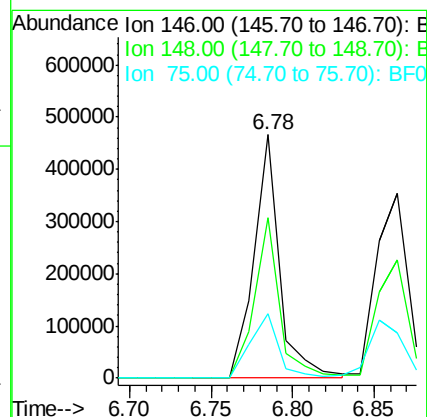
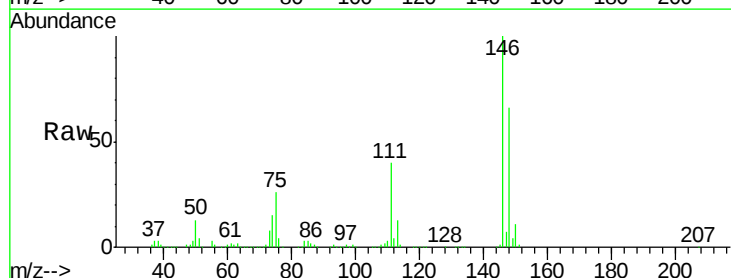
Instrument :
BNA_F
ClientSampleId :
PB90017BS

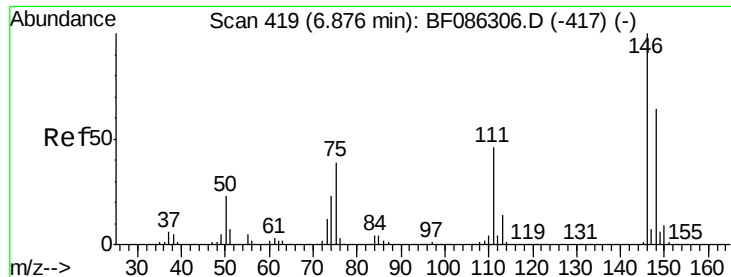
Tgt Ion: 93 Resp: 503116
Ion Ratio Lower Upper
93 100
63 75.8 58.0 98.0
95 31.6 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 37.04 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion: 146 Resp: 509253
Ion Ratio Lower Upper
146 100
148 66.0 52.4 78.6
75 26.5 22.8 34.2

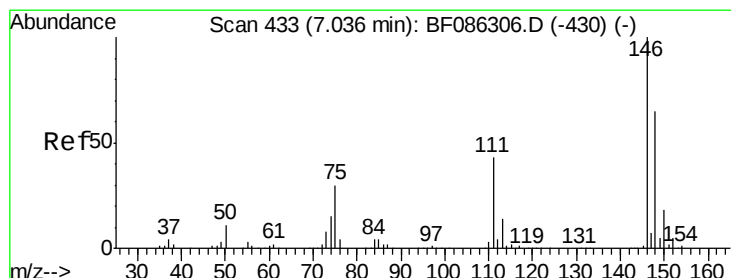
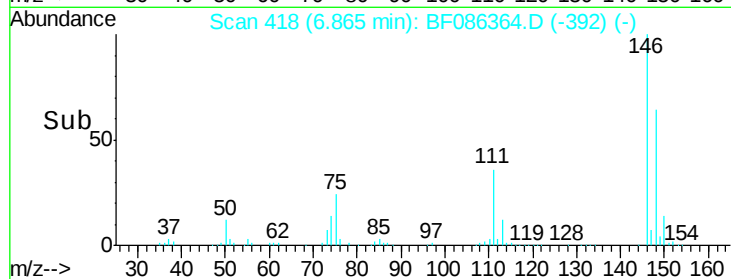
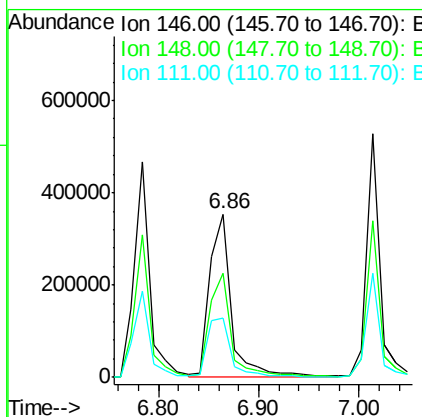
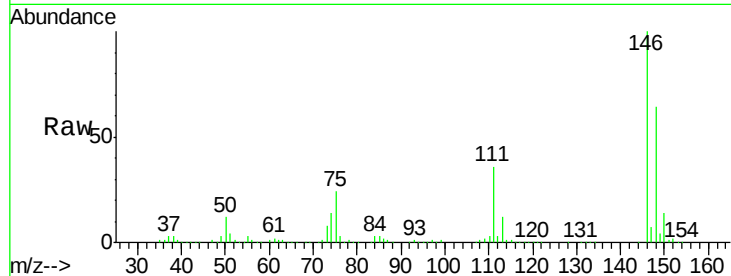




#13
 1,4-Dichlorobenzene
 Concen: 35.01 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

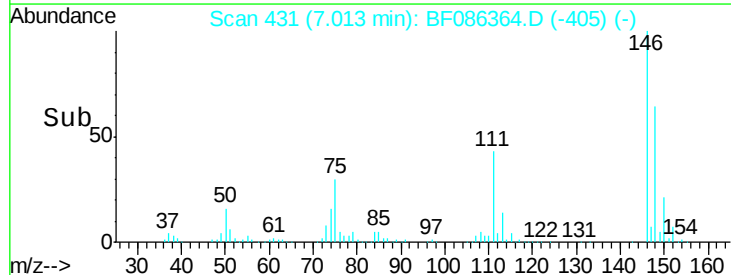
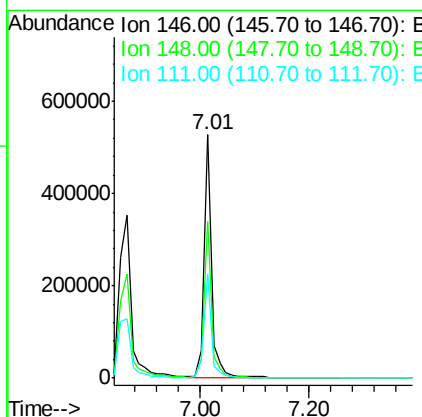
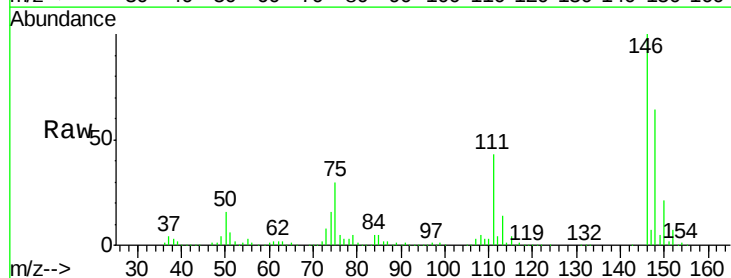
Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

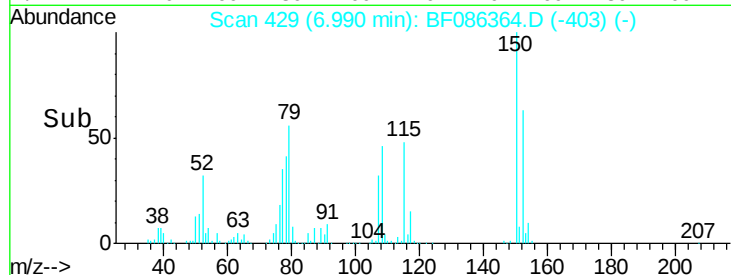
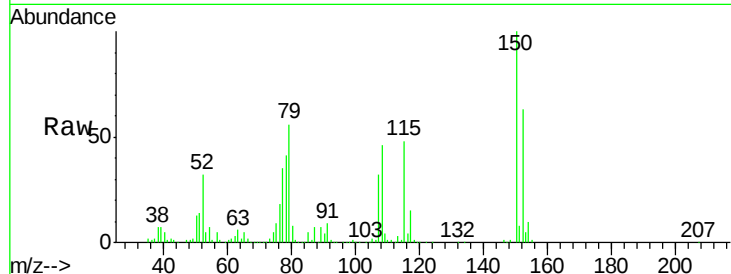
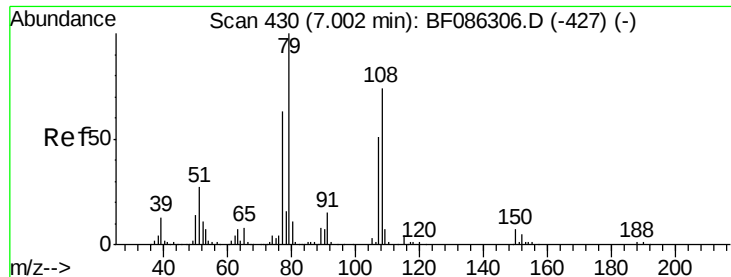
Tgt Ion:146 Resp: 528653
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 36.2 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.42 ng
 RT: 7.01 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:146 Resp: 499706
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.6
 111 42.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.95 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

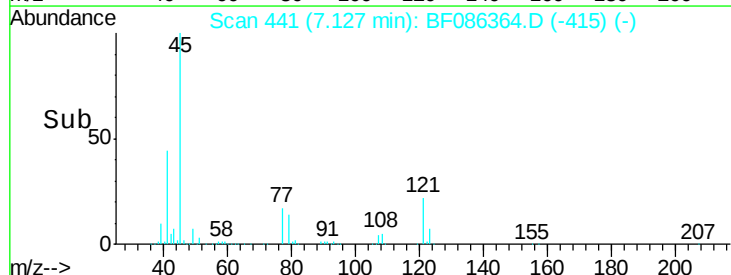
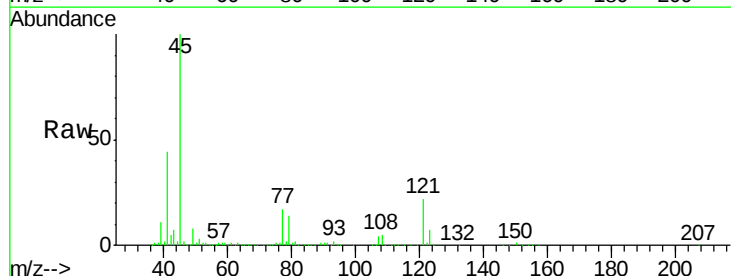
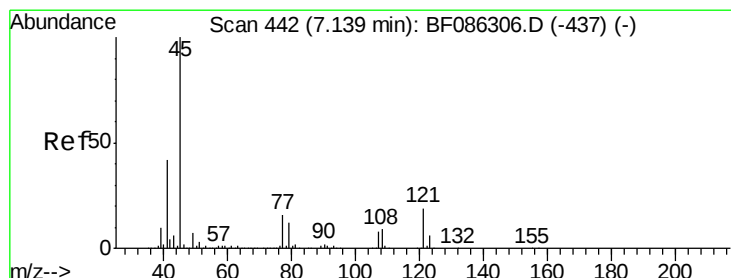
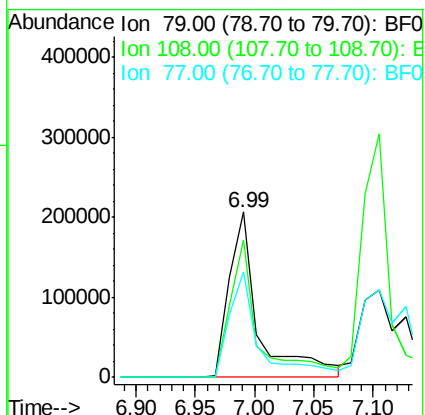
Tgt Ion: 79 Resp: 357405

Ion Ratio Lower Upper

79 100

108 83.4 68.4 102.6

77 63.6 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.66 ng

RT: 7.13 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

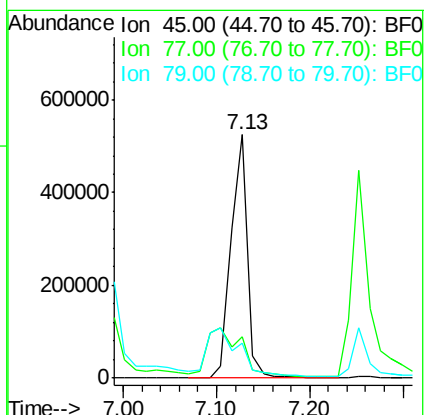
Tgt Ion: 45 Resp: 651157

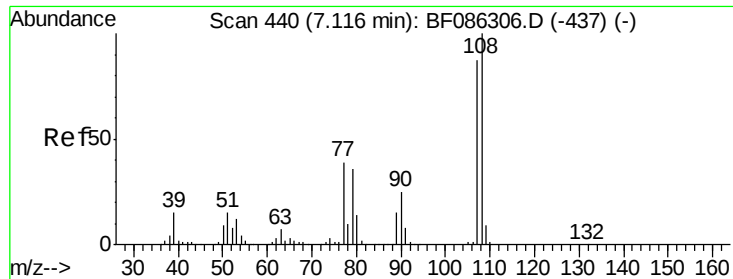
Ion Ratio Lower Upper

45 100

77 16.8 0.0 36.4

79 14.3 0.0 33.4

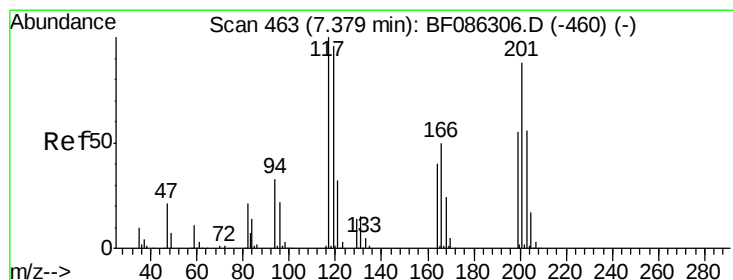
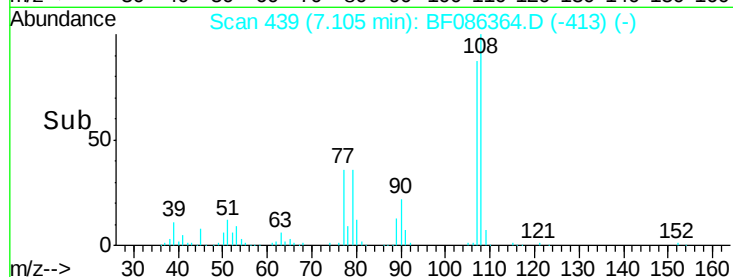
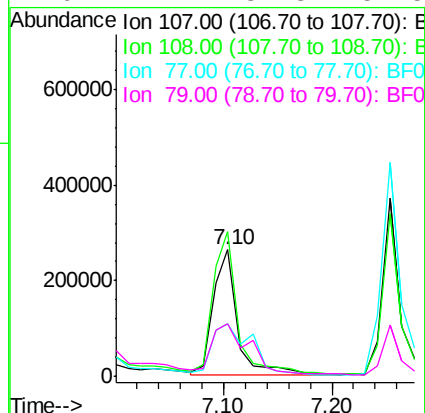
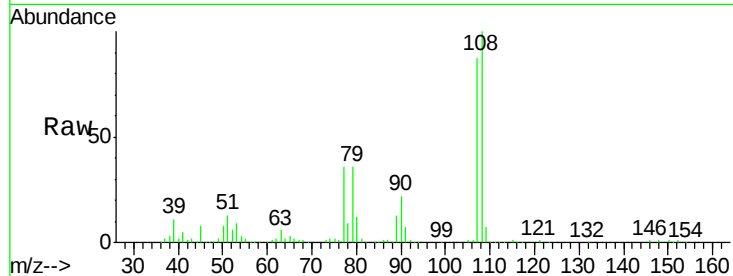




#17
2-Methylphenol
Concen: 38.72 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

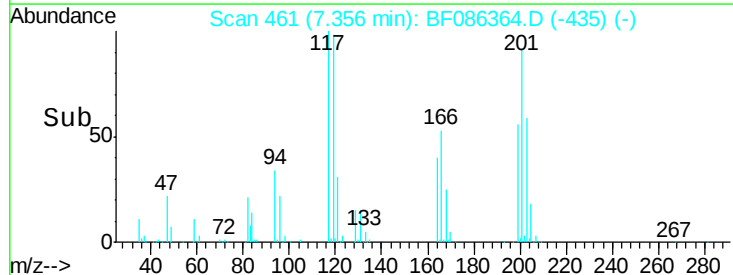
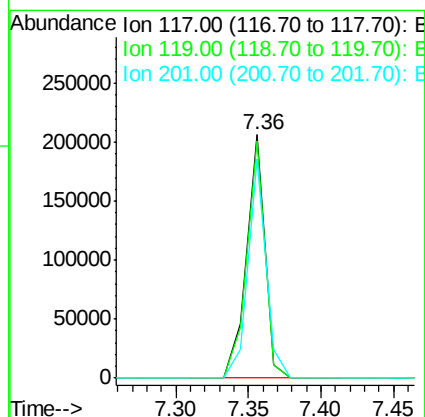
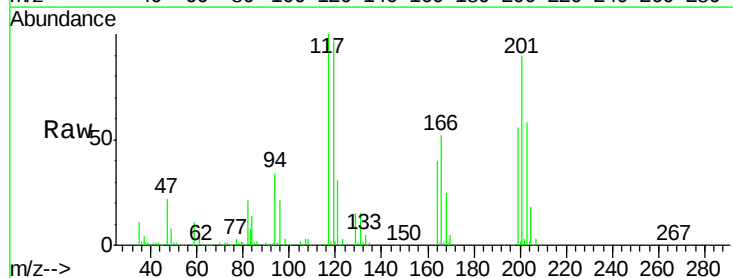
Instrument :
BNA_F
ClientSampleId :
PB90017BS

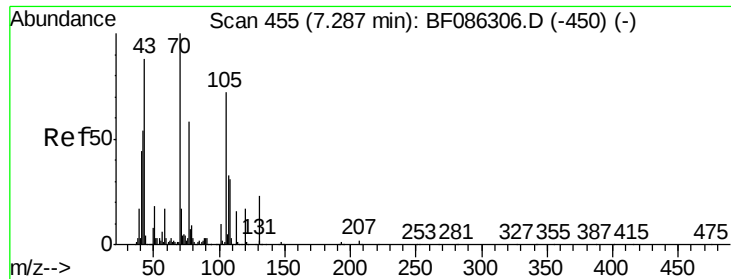
Tgt Ion:107 Resp: 408999
Ion Ratio Lower Upper
107 100
108 114.7 93.7 140.5
77 41.4 33.4 50.0
79 41.2 34.3 51.5



#18
Hexachloroethane
Concen: 35.67 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:117 Resp: 181444
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7
201 90.3 63.0 94.6

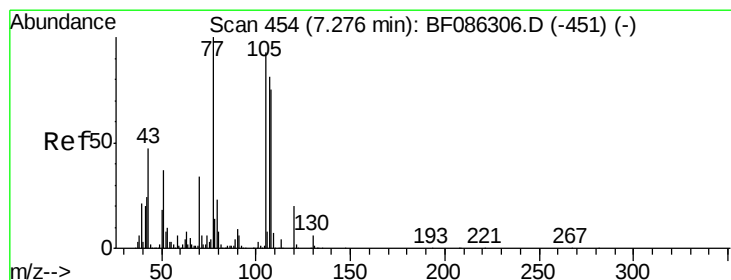
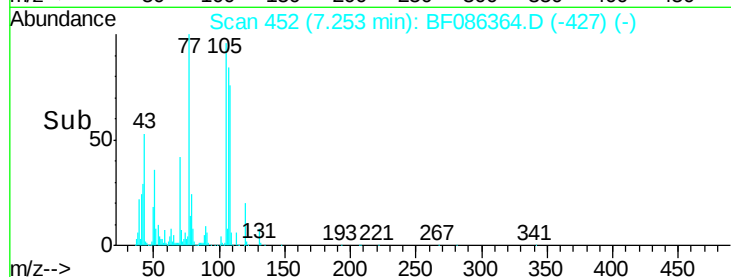
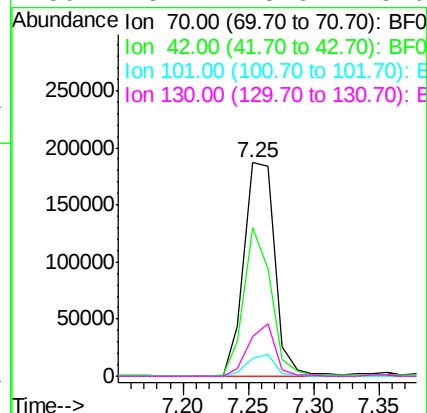
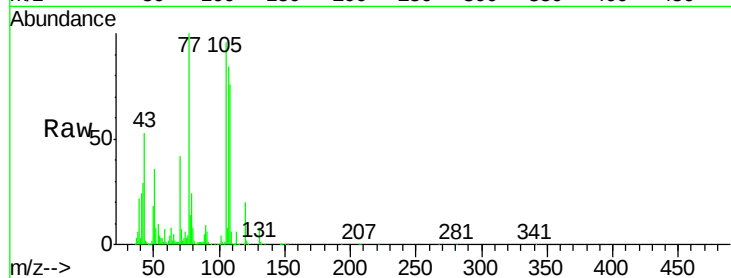




#19
n-Nitroso-di-n-propylamine
Concen: 36.07 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

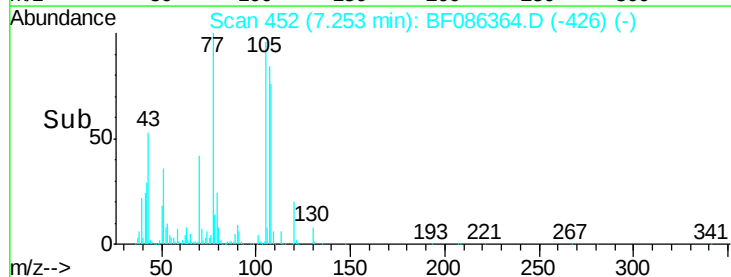
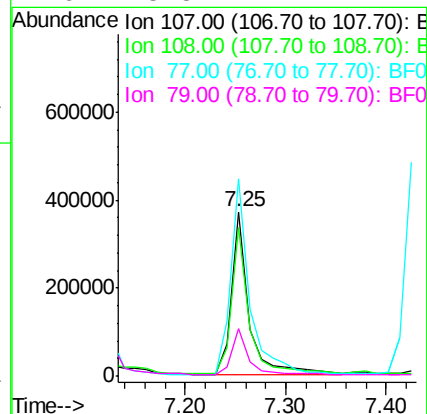
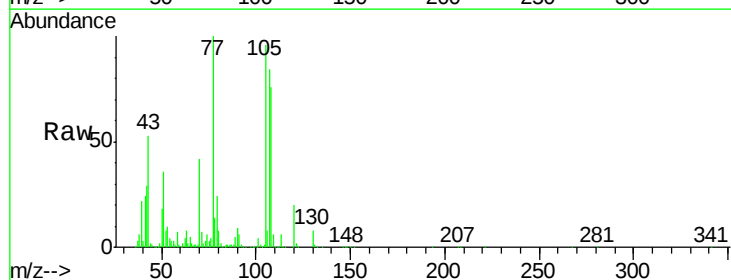
Instrument :
BNA_F
ClientSampleId :
PB90017BS

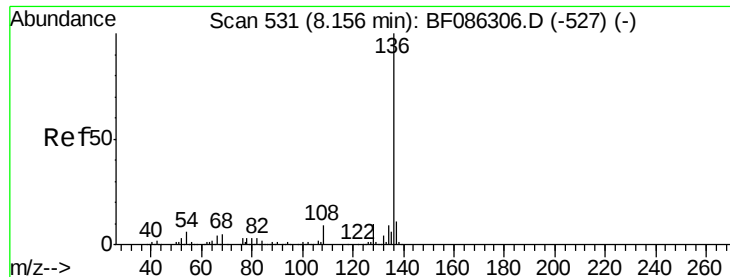
Tgt Ion: 70 Resp: 309396
Ion Ratio Lower Upper
70 100
42 69.5 43.1 64.7#
101 8.6 8.1 12.1
130 18.7 18.6 28.0



#20
3+4-Methylphenols
Concen: 39.72 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion: 107 Resp: 444731
Ion Ratio Lower Upper
107 100
108 90.8 68.5 108.5
77 119.7 101.6 141.6
79 28.8 7.4 47.4

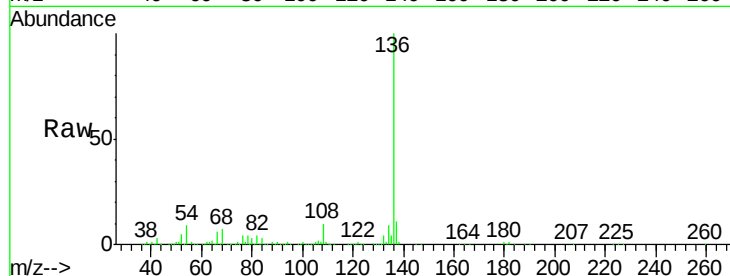




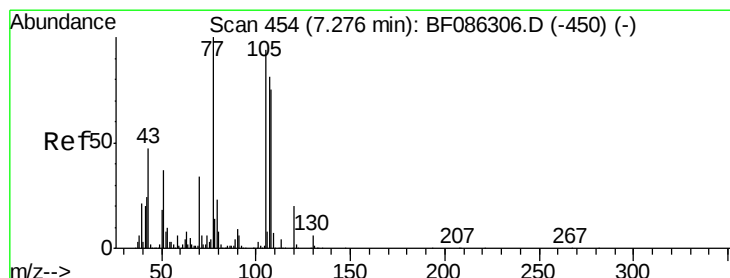
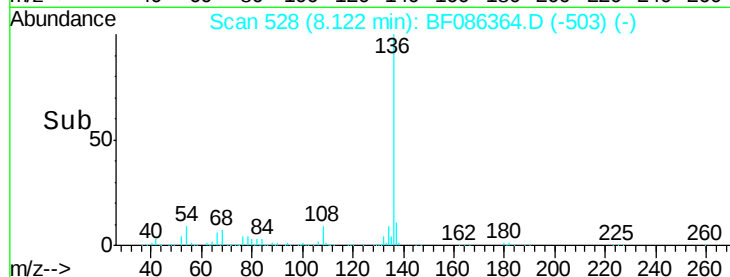
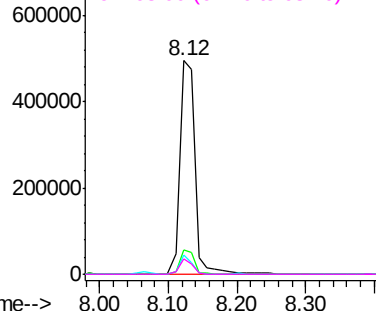
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tgt Ion:	136	Resp:	765139
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.9	5.0	7.4#
68	7.2	4.4	6.6#

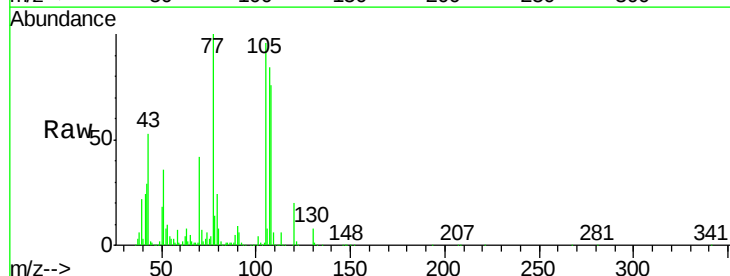


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

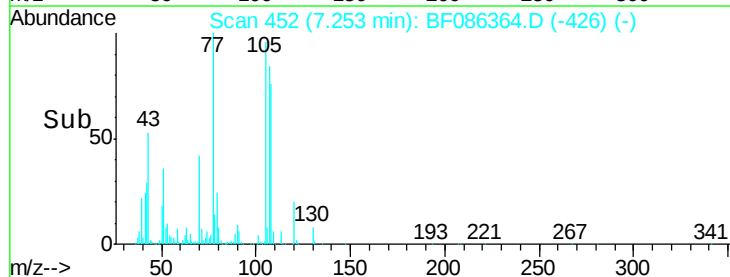
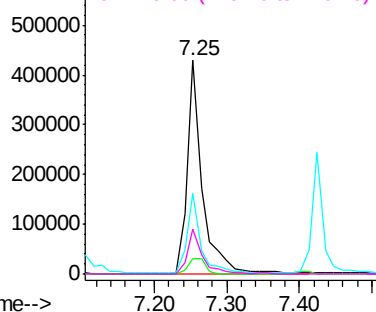


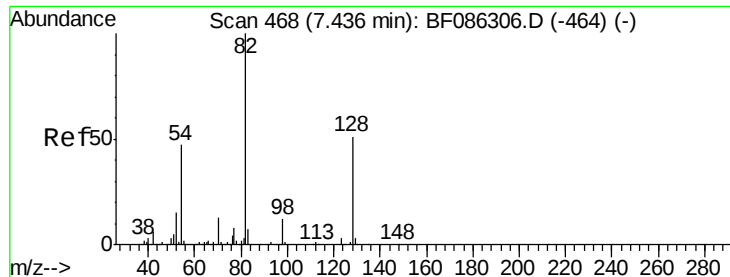
#22
Acetophenone
Concen: 39.04 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:	105	Resp:	626685
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.8	7.2#
51	37.5	32.6	49.0
120	20.9	16.5	24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

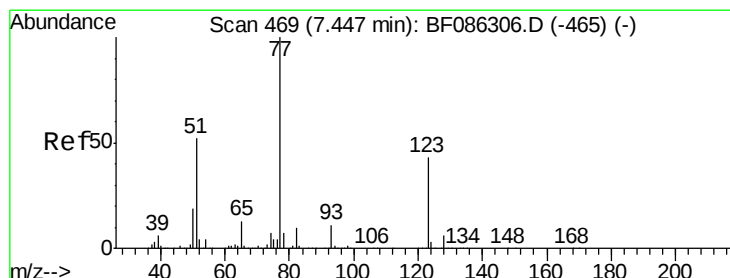
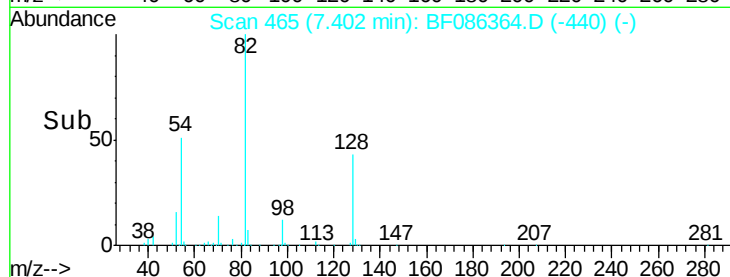
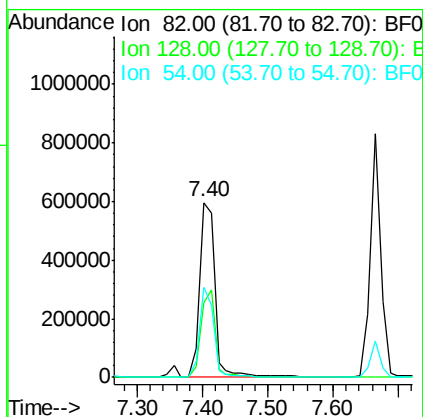
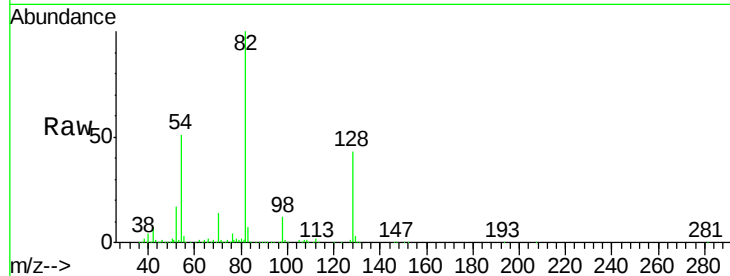




#23
 Nitrobenzene-d5
 Concen: 74.86 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

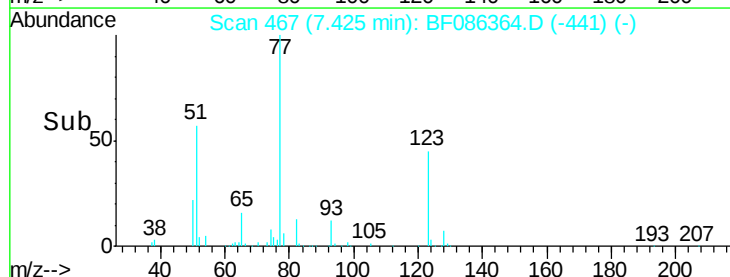
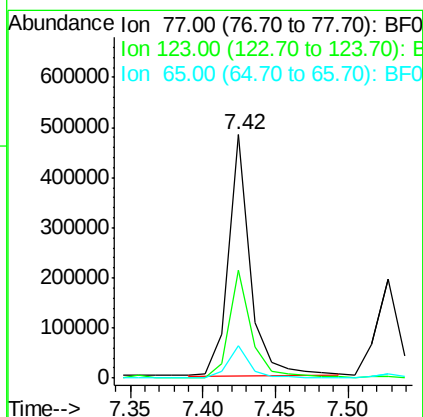
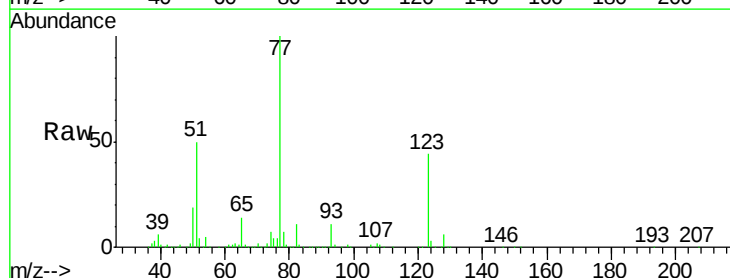
Instrument :
 BNA_F
 ClientSampled :
 PB90017BS

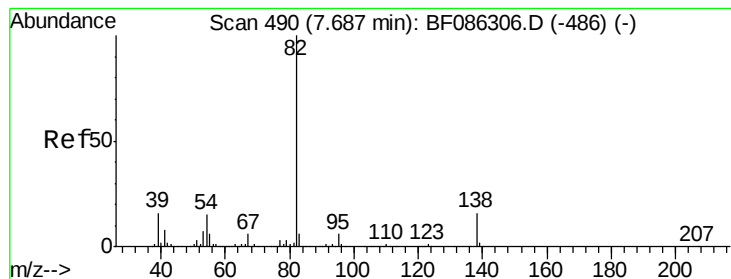
Tgt Ion: 82 Resp: 966941
 Ion Ratio Lower Upper
 82 100
 128 42.9 40.6 61.0
 54 51.4 38.1 57.1



#24
 Nitrobenzene
 Concen: 36.35 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion: 77 Resp: 503584
 Ion Ratio Lower Upper
 77 100
 123 44.3 33.0 49.4
 65 13.5 10.8 16.2





#25

Isophorone

Concen: 36.01 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampled :

PB90017BS

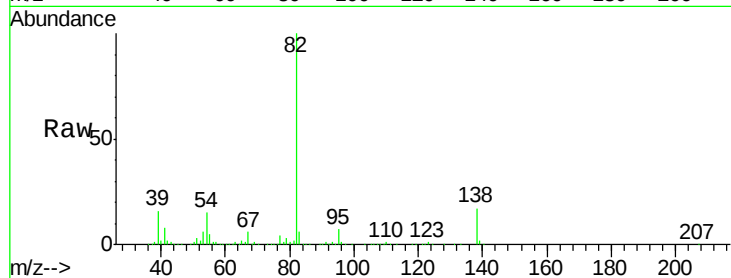
Tgt Ion: 82 Resp: 911469

Ion Ratio Lower Upper

82 100

95 6.7 5.1 7.7

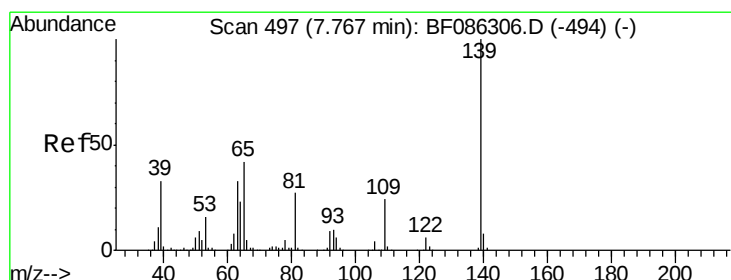
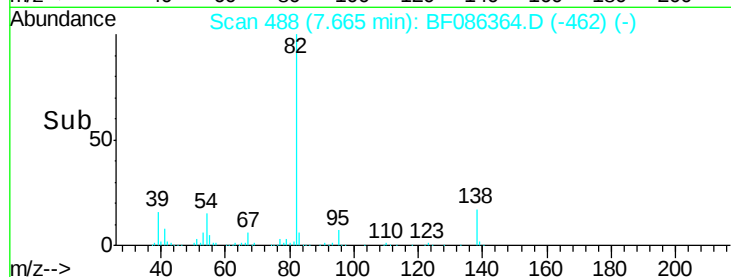
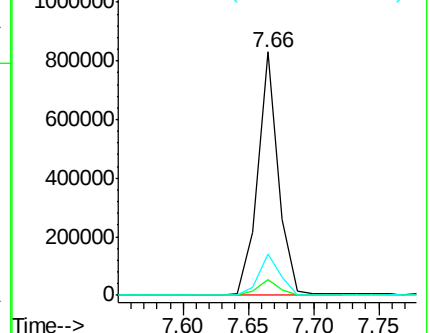
138 16.9 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.97 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

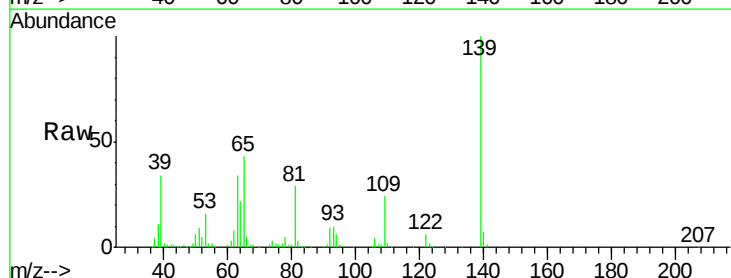
Tgt Ion: 139 Resp: 280475

Ion Ratio Lower Upper

139 100

109 24.1 19.5 29.3

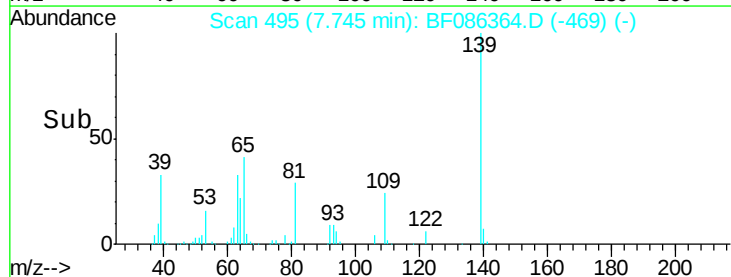
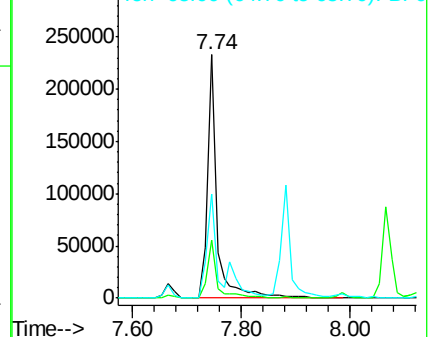
65 42.5 37.5 56.3

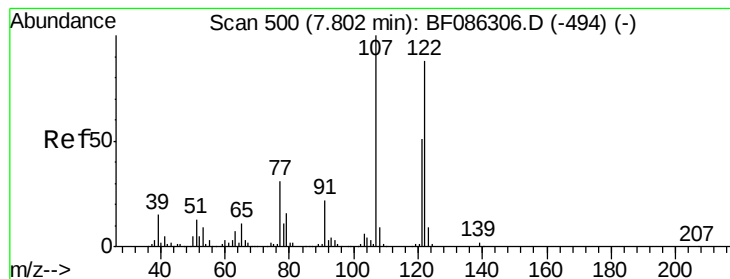


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.22 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

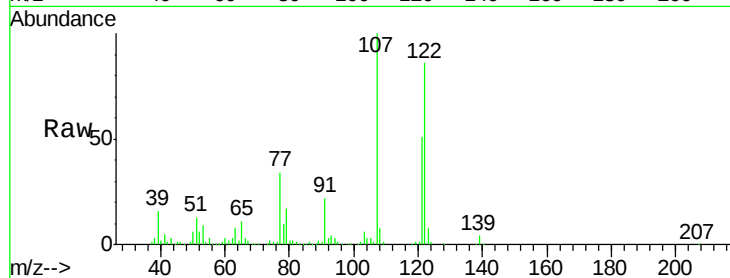
Tgt Ion:122 Resp: 447960

Ion Ratio Lower Upper

122 100

107 116.2 82.0 123.0

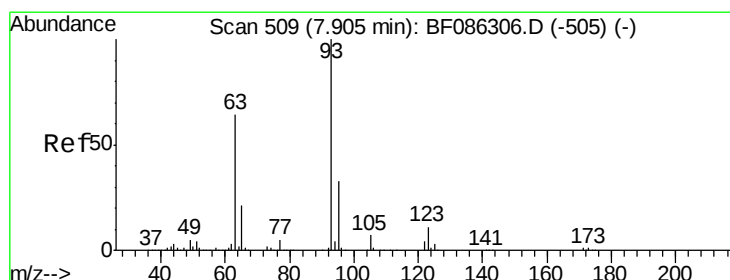
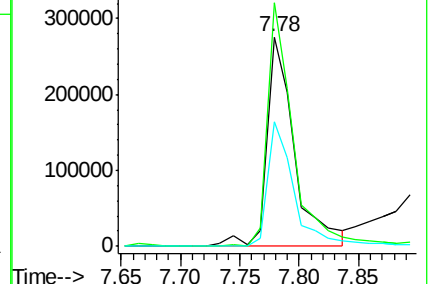
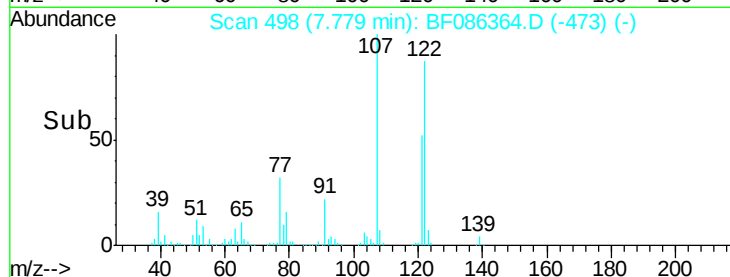
121 59.5 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.10 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

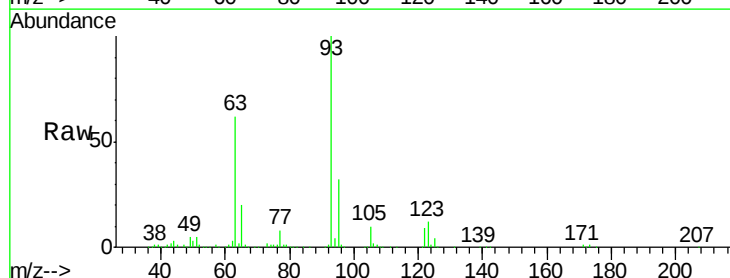
Tgt Ion: 93 Resp: 580933

Ion Ratio Lower Upper

93 100

95 31.8 26.0 39.0

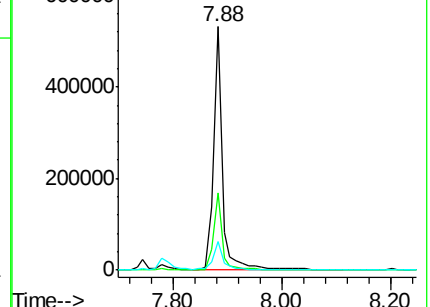
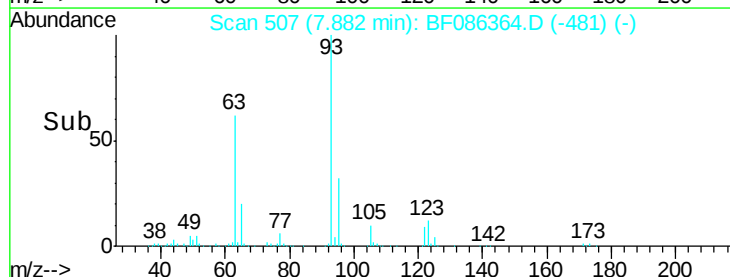
123 11.9 9.5 14.3

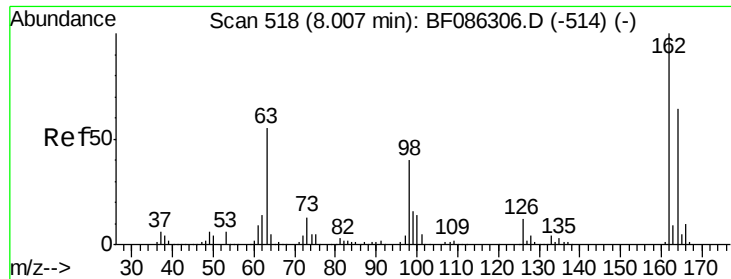


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

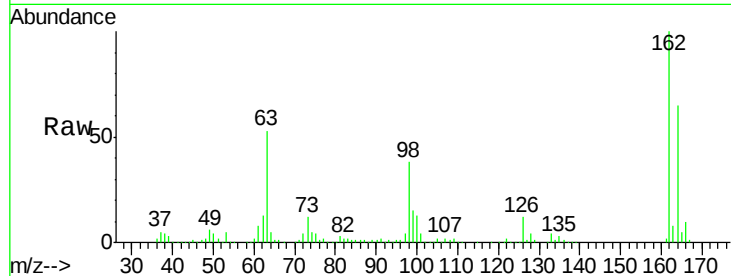




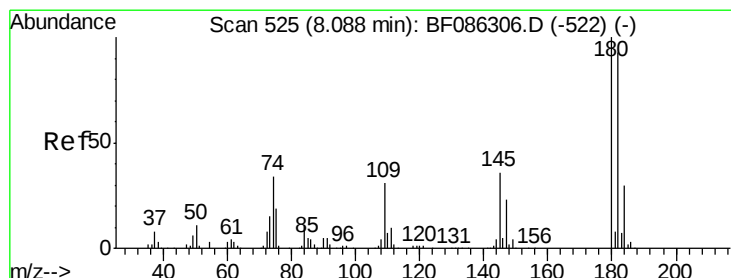
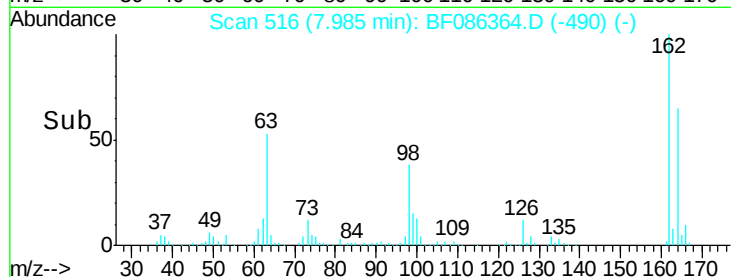
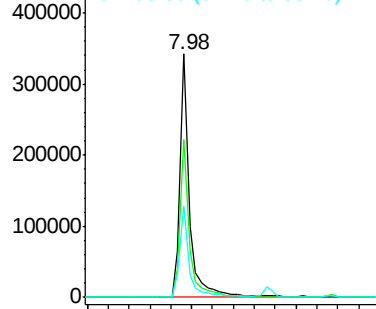
#29
 2,4-Dichlorophenol
 Concen: 44.56 ng
 RT: 7.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:162 Resp: 431778
 Ion Ratio Lower Upper
 162 100
 164 64.8 42.2 82.2
 98 37.7 19.0 59.0

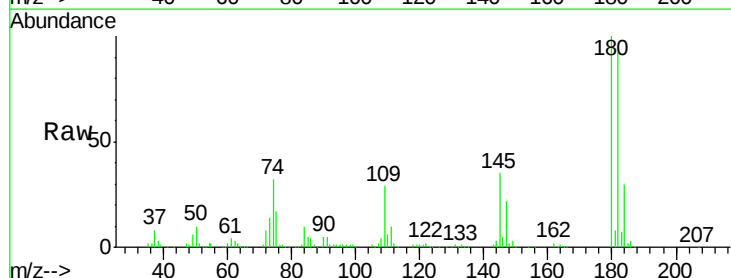


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

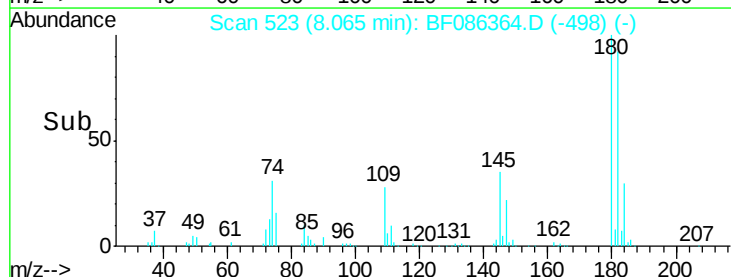
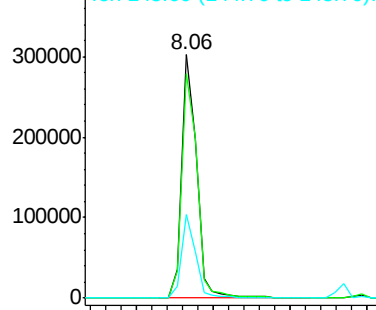


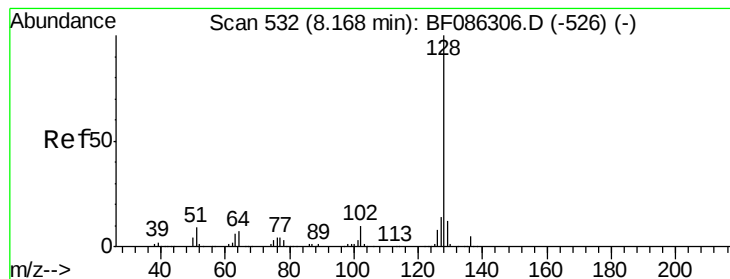
#30
 1,2,4-Trichlorobenzene
 Concen: 38.57 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:180 Resp: 405892
 Ion Ratio Lower Upper
 180 100
 182 92.3 78.0 117.0
 145 34.6 24.2 36.2



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: 36.13 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

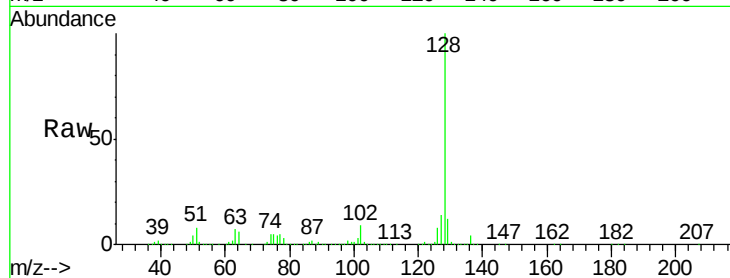
Tgt Ion:128 Resp: 1408154

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

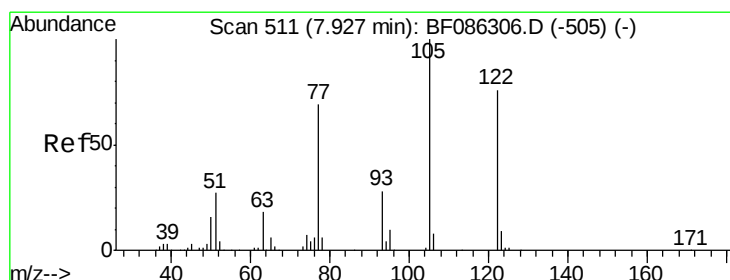
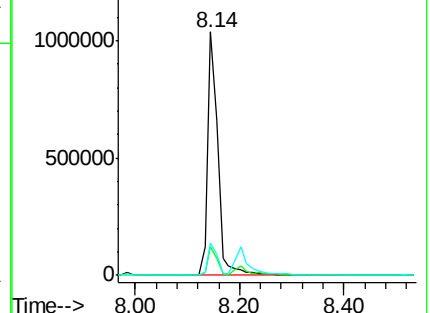
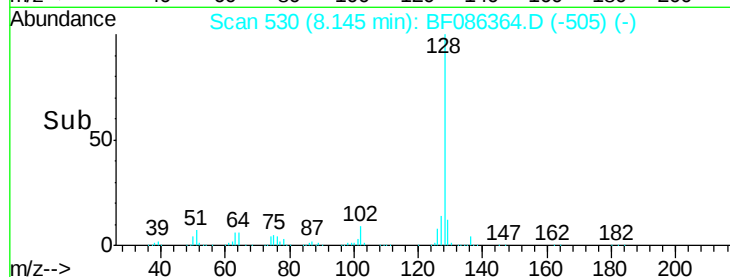
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.42 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

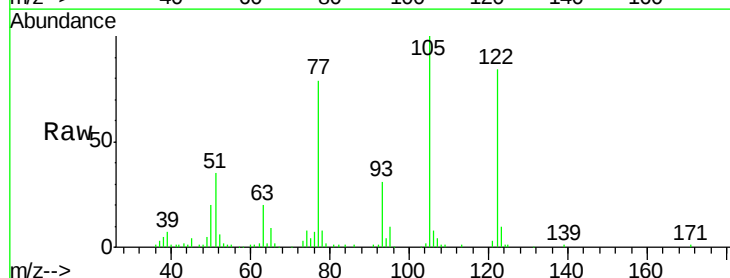
Tgt Ion:122 Resp: 242966

Ion Ratio Lower Upper

122 100

105 118.8 92.6 132.6

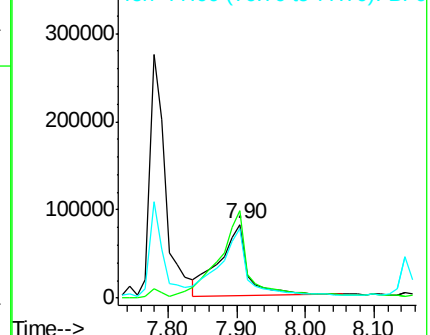
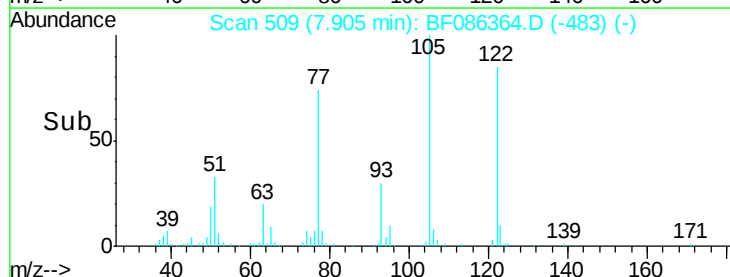
77 94.2 60.0 100.0

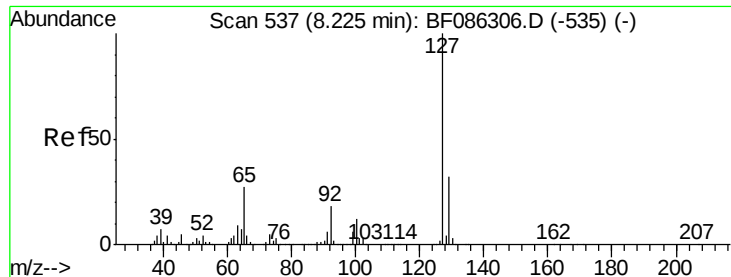


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

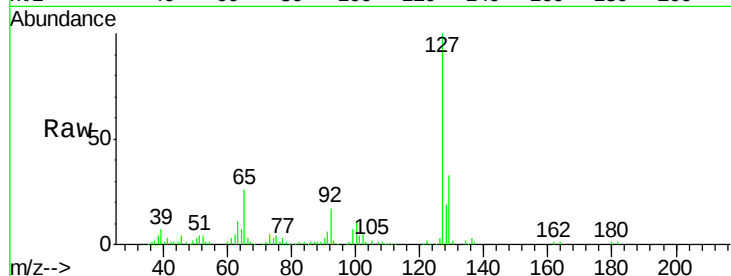




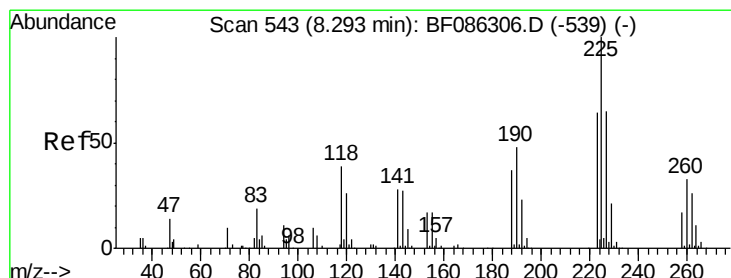
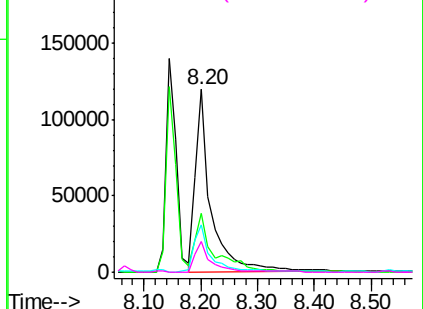
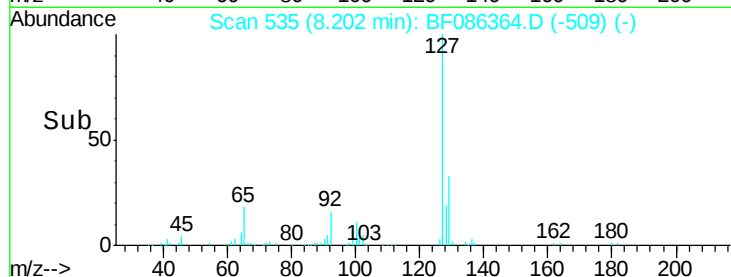
#33
4-Chloroaniline
Concen: 14.77 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tgt Ion:	127	Resp:	224219
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	25.9	23.0	34.4
92	16.9	15.1	22.7

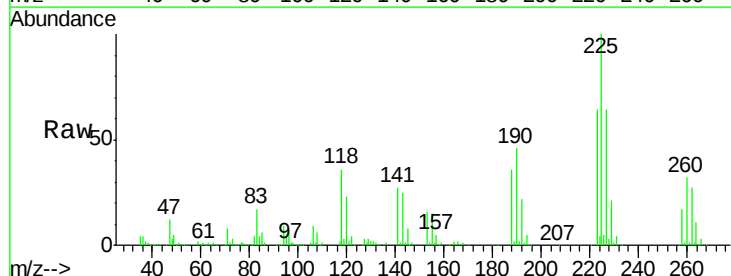


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

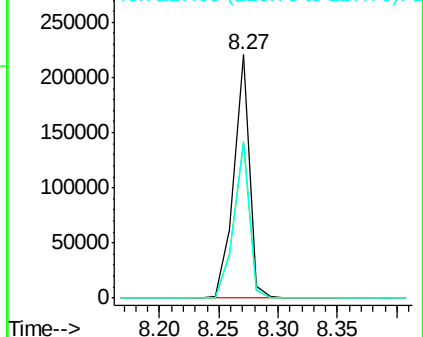
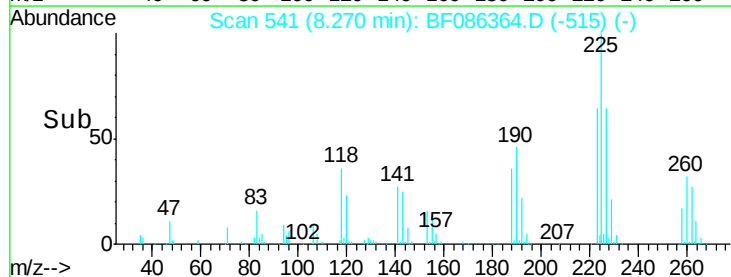


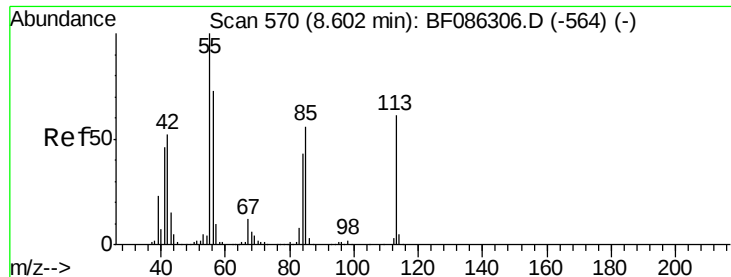
#34
Hexachlorobutadiene
Concen: 38.71 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:	225	Resp:	203470
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.5	77.3
227	64.4	52.2	78.2



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

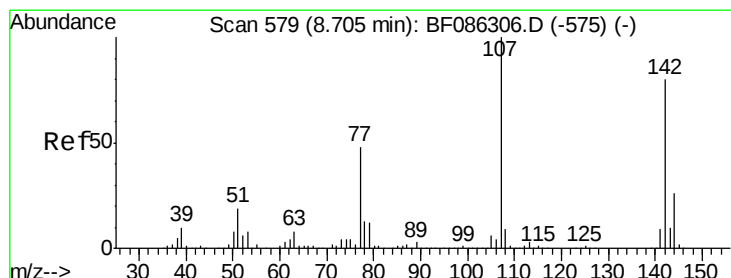
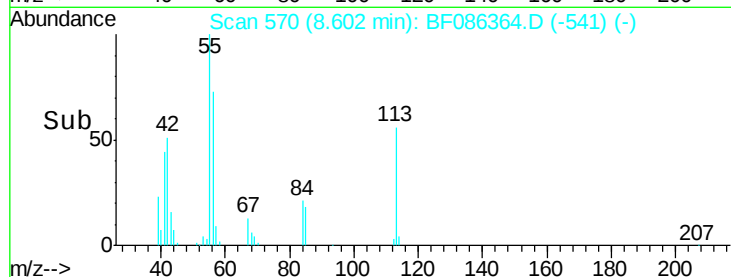
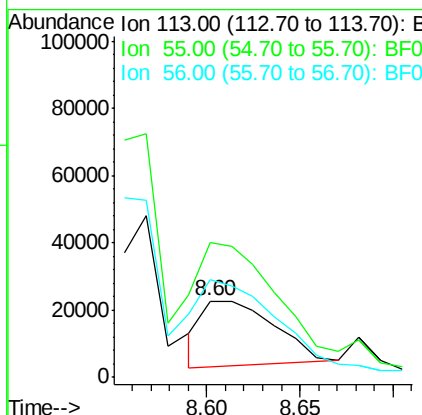
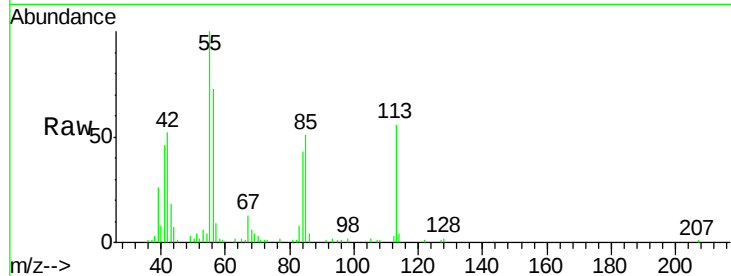




#35
 Caprolactam
 Concen: 14.91 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.03 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

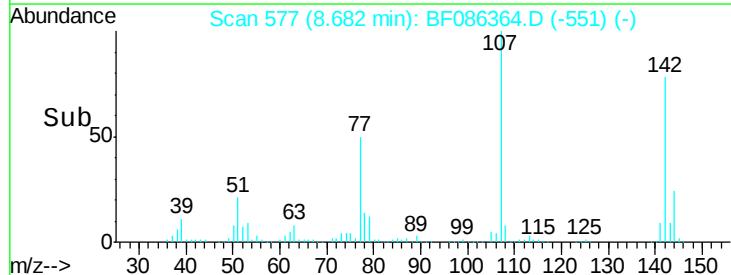
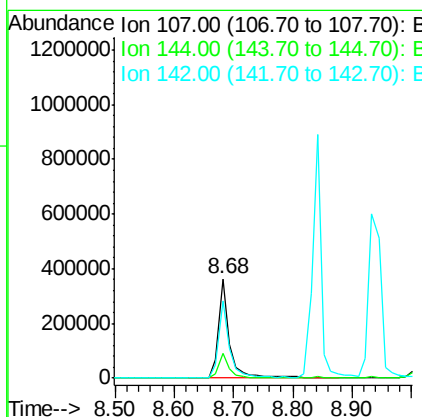
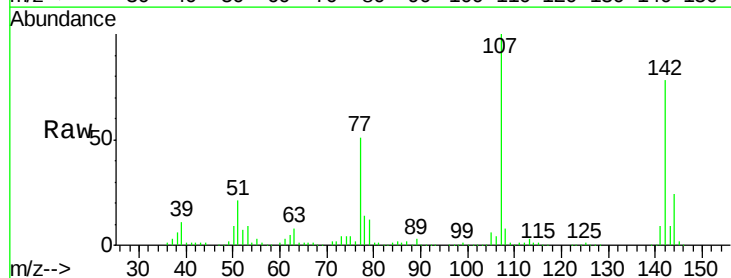
Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

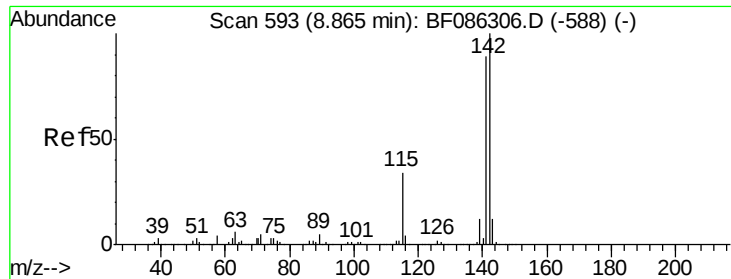
Tgt Ion:113 Resp: 51847
 Ion Ratio Lower Upper
 113 100
 55 177.3 162.0 202.0
 56 128.7 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.12 ng
 RT: 8.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:107 Resp: 473513
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.7 31.1
 142 78.1 63.2 94.8

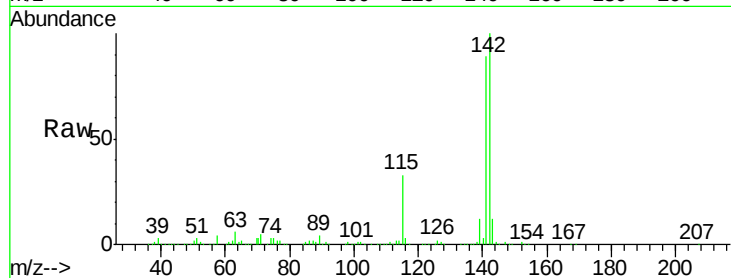




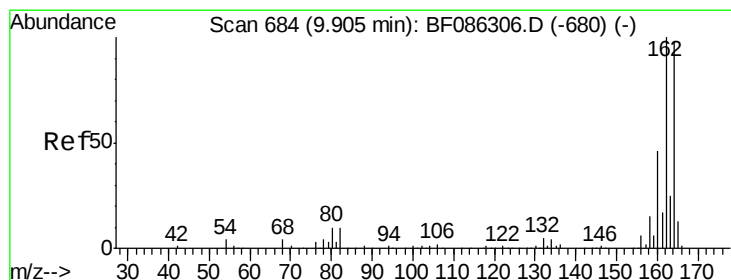
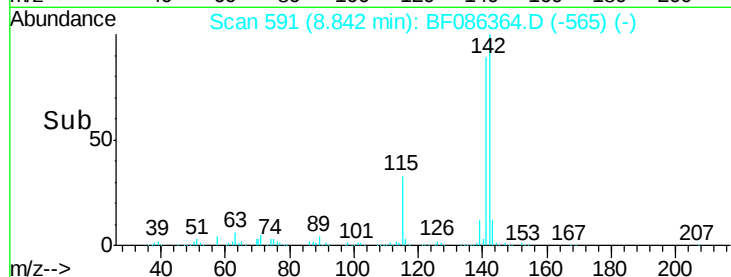
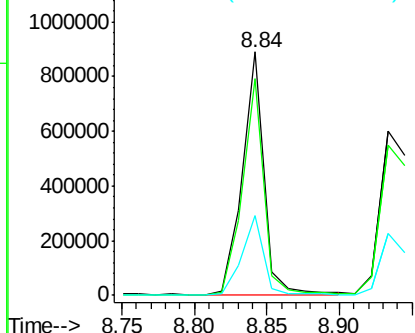
#37
 2-Methylnaphthalene
 Concen: 41.49 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:142 Resp: 932767
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 32.6 26.6 39.8

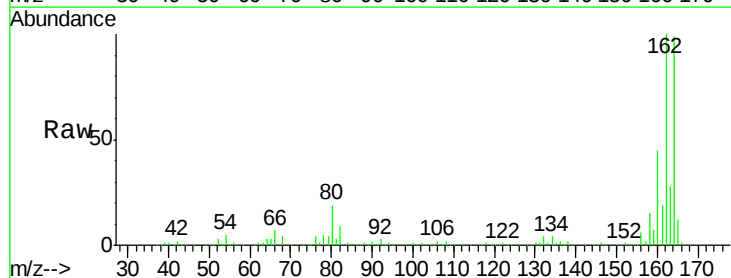


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

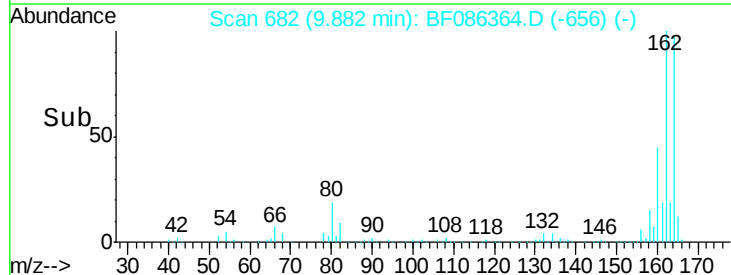
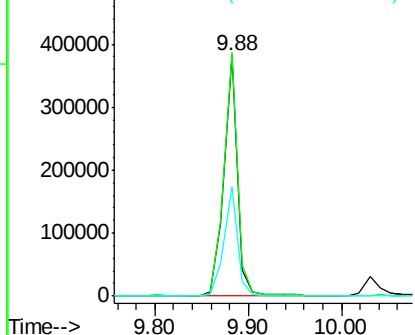


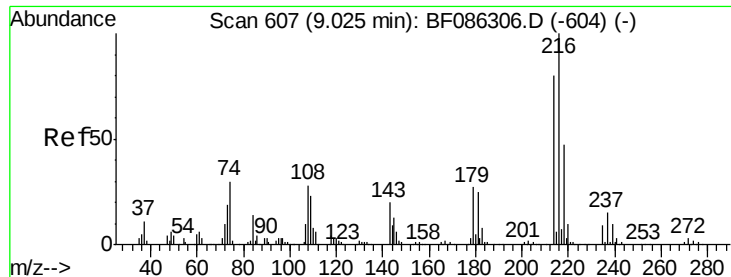
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:164 Resp: 385970
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.8 124.2
 160 45.4 36.9 55.3



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

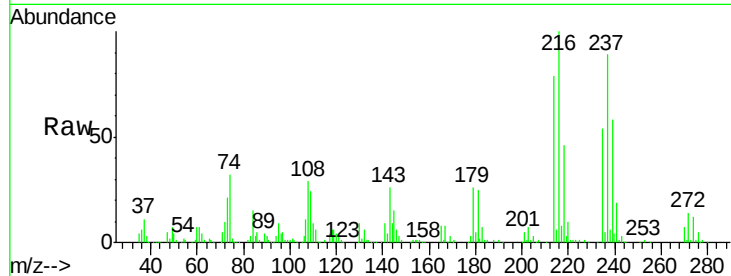




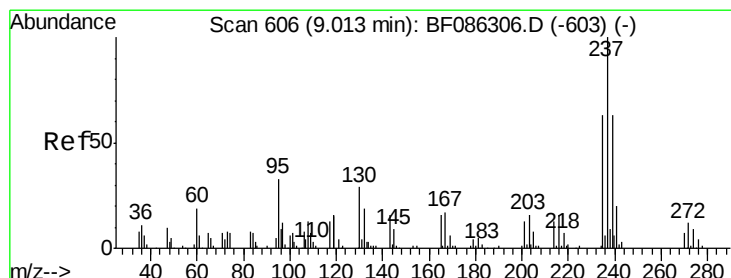
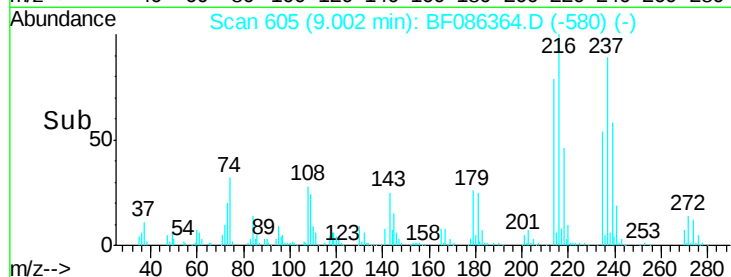
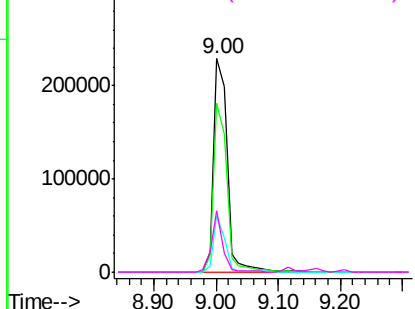
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.72 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:	216	Resp:	346736
Ion	Ratio	Lower	Upper
216	100		
214	77.4	62.6	93.8
179	22.7	18.2	27.4
108	23.9	17.5	26.3

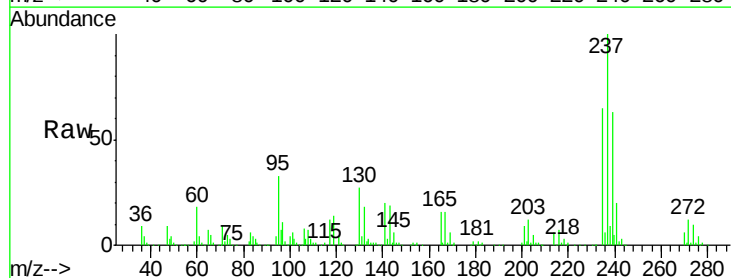


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

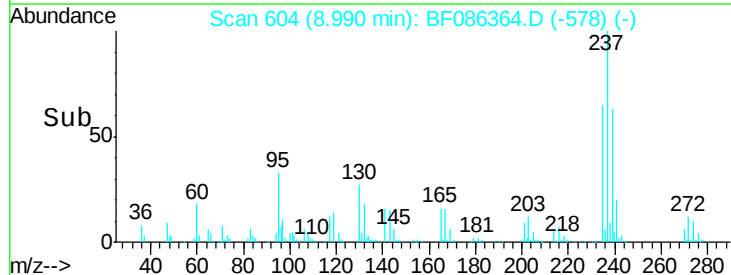
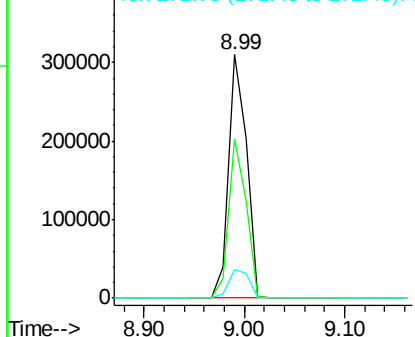


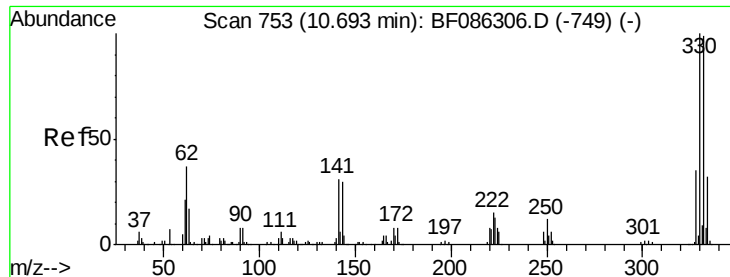
#40
 Hexachlorocyclopentadiene
 Concen: 78.75 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:	237	Resp:	384100
Ion	Ratio	Lower	Upper
237	100		
235	65.3	47.2	87.2
272	12.0	0.0	31.1



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

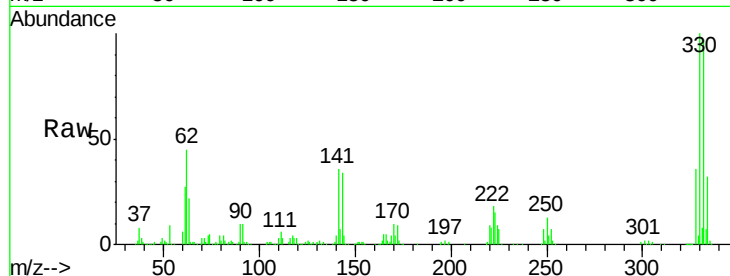




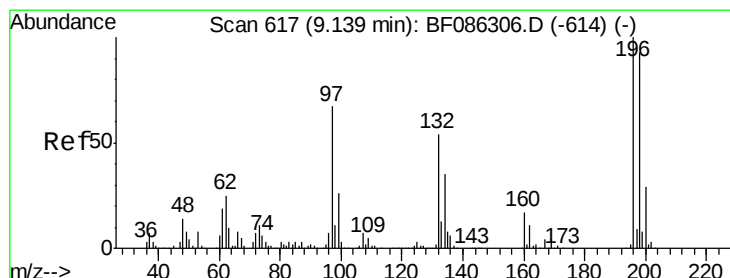
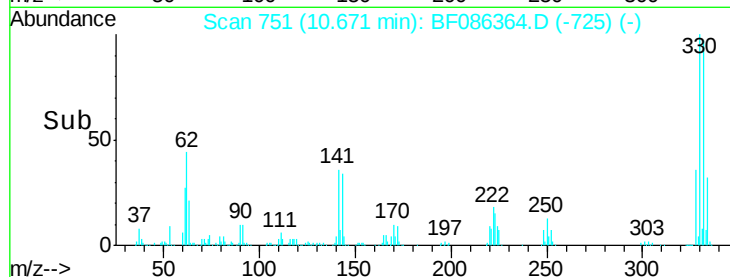
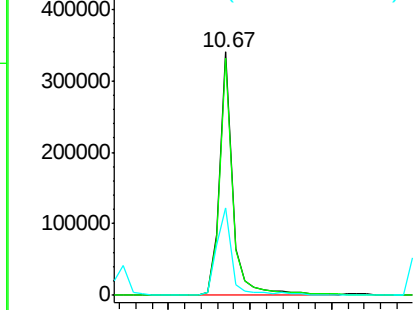
#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:330 Resp: 385176
 Ion Ratio Lower Upper
 330 100
 332 99.1 79.0 118.4
 141 42.2 31.2 46.8

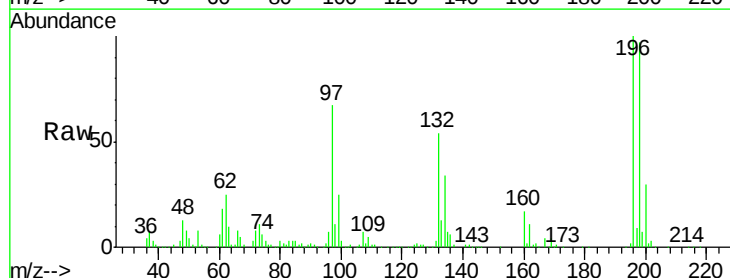


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

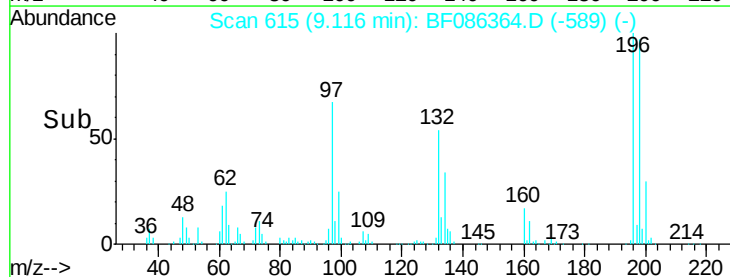
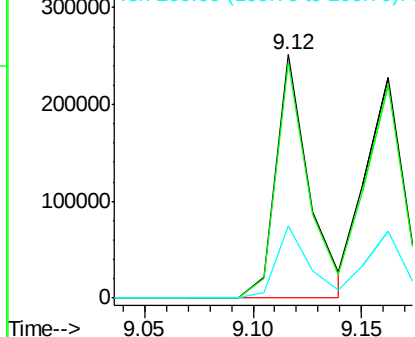


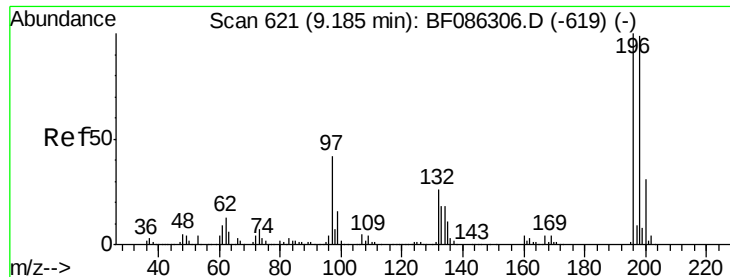
#42
 2,4,6-Trichlorophenol
 Concen: 40.76 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:196 Resp: 266902
 Ion Ratio Lower Upper
 196 100
 198 96.7 74.7 112.1
 200 29.6 23.8 35.6



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

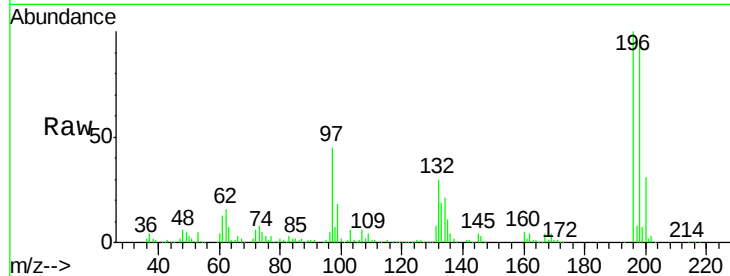




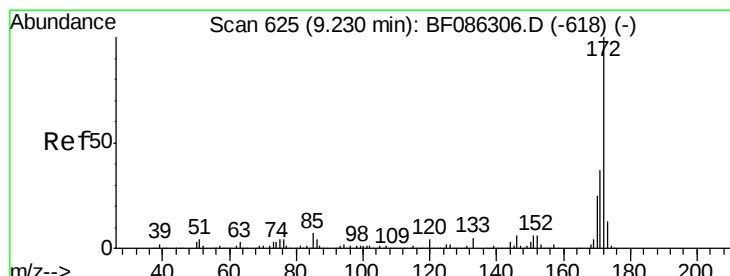
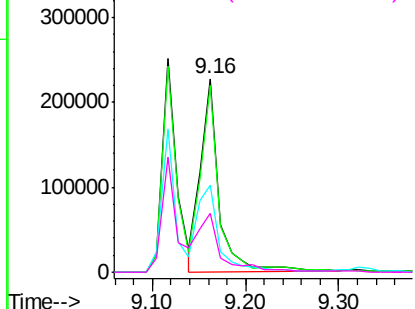
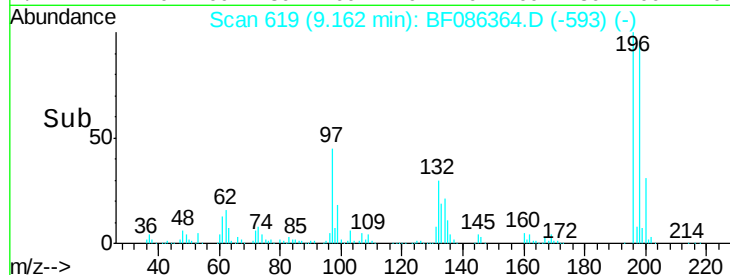
#43
 2,4,5-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:196 Resp: 312947
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.5 116.3
 97 45.3 34.8 52.2
 132 30.3 23.0 34.4

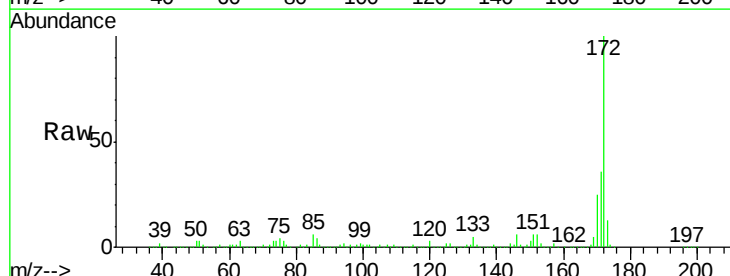


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

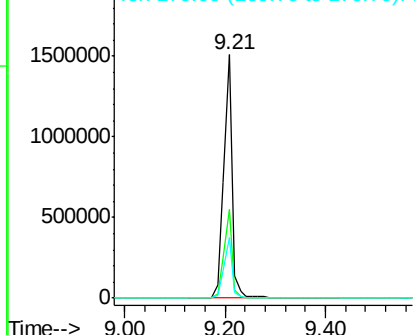
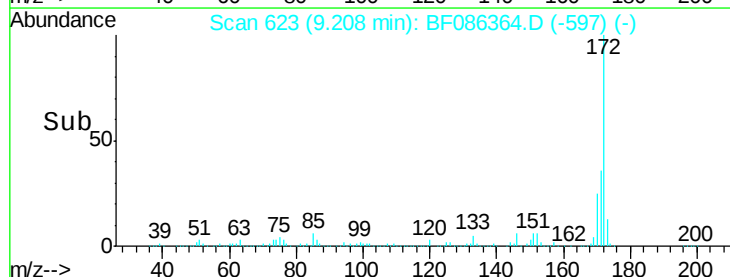


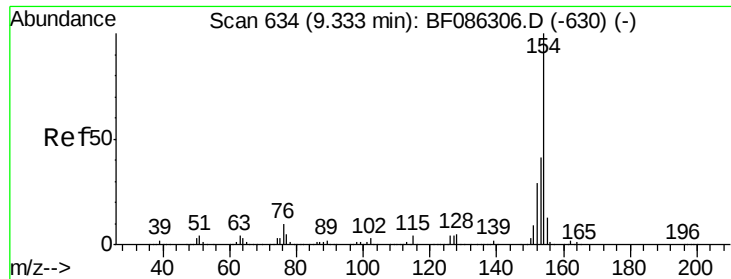
#44
 2-Fluorobiphenyl
 Concen: 77.78 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:172 Resp: 1759258
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

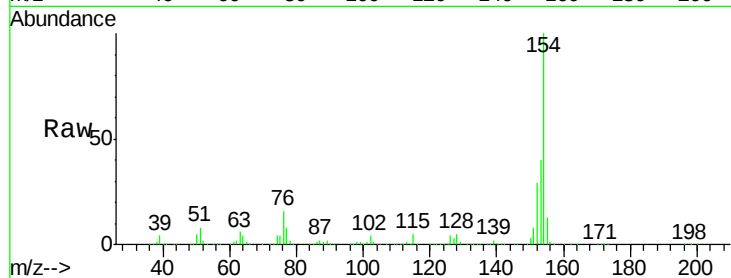




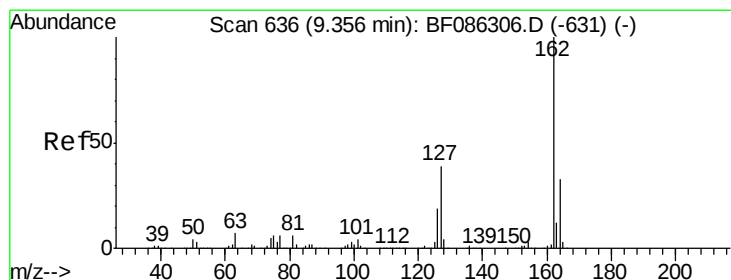
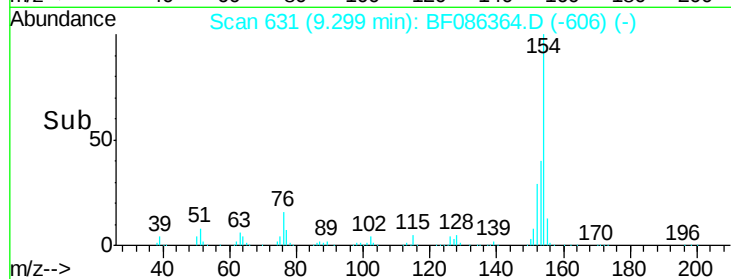
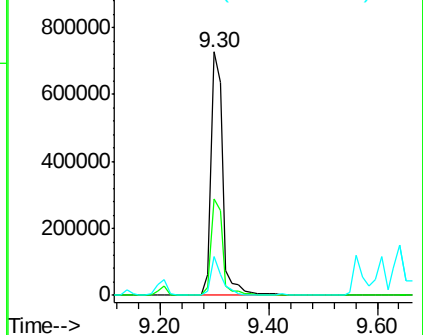
#45
 1,1'-Biphenyl
 Concen: 37.26 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:154 Resp: 1115630
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.3 60.3
 76 16.1 0.0 30.2

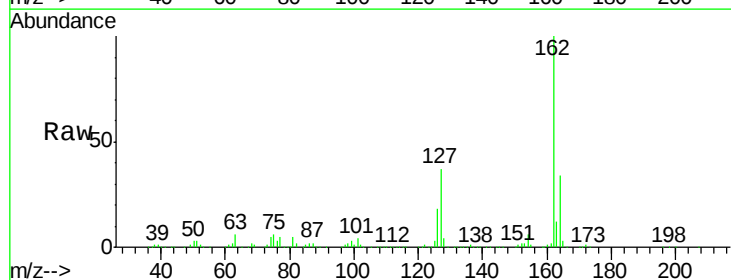


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

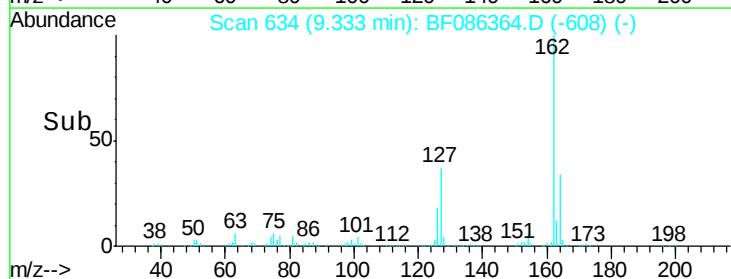
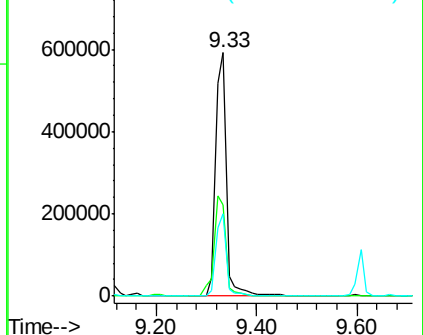


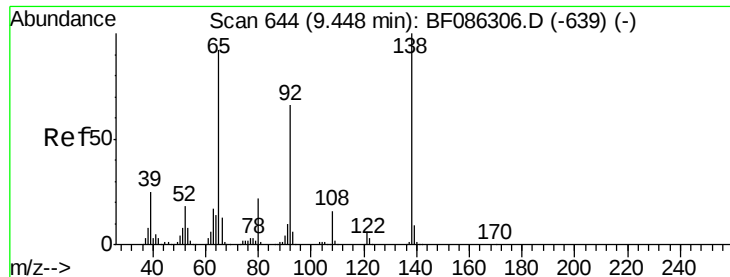
#46
 2-Chloronaphthalene
 Concen: 37.42 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:162 Resp: 886907
 Ion Ratio Lower Upper
 162 100
 127 37.2 31.8 47.6
 164 33.6 27.0 40.6



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

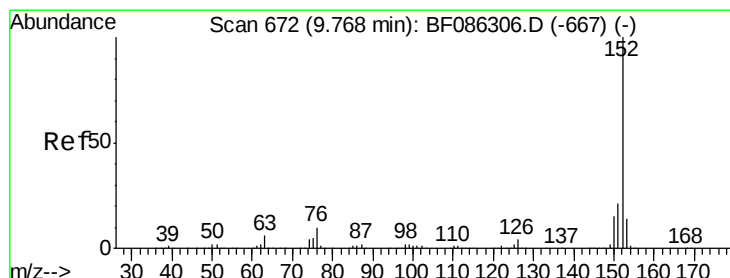
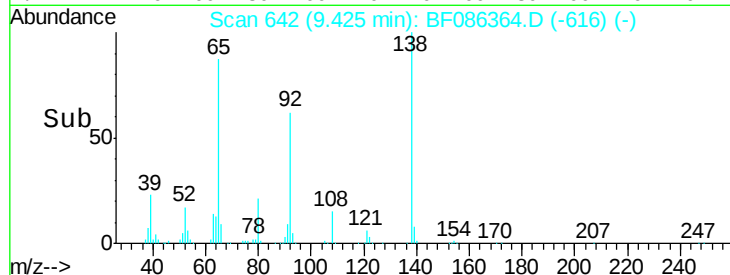
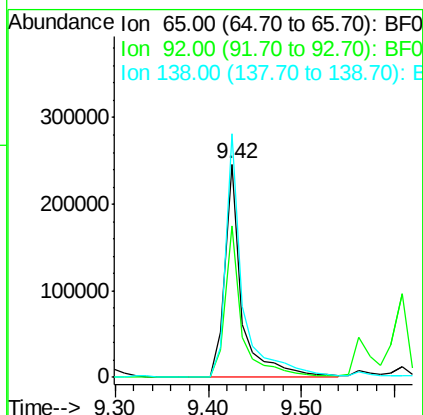
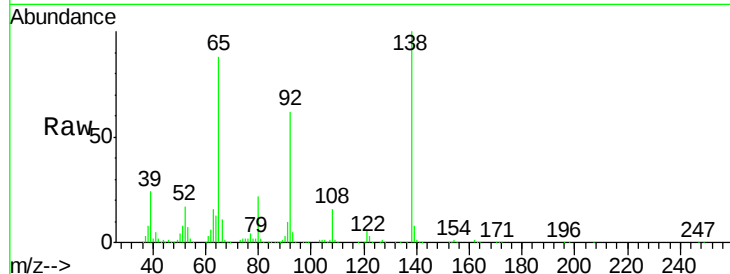




#47
2-Nitroaniline
Concen: 42.40 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

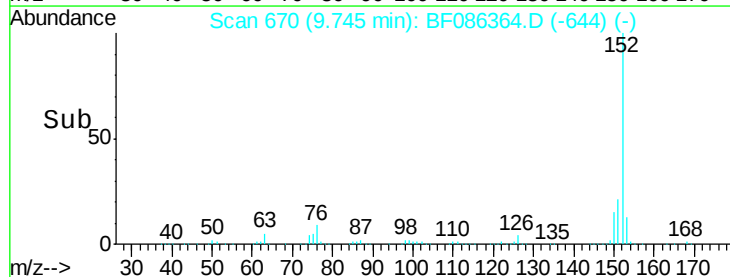
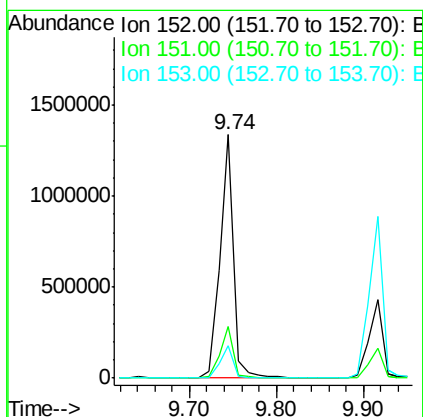
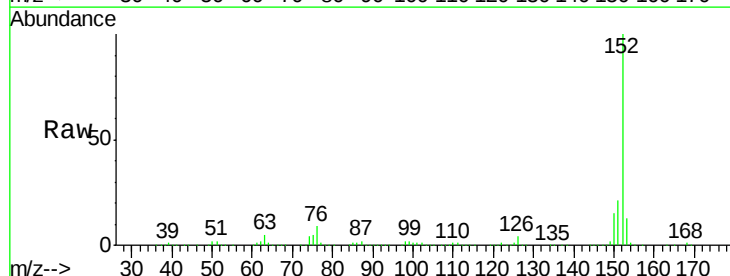
Instrument :
BNA_F
ClientSampleId :
PB90017BS

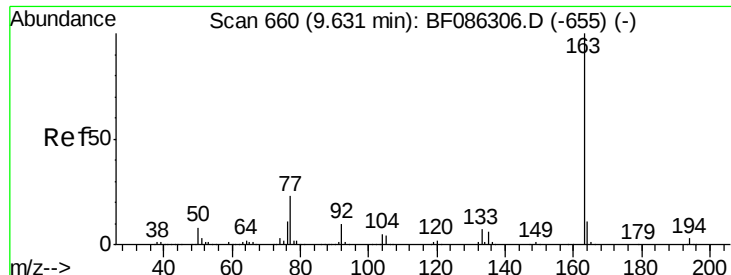
Tgt Ion: 65 Resp: 312904
Ion Ratio Lower Upper
65 100
92 70.9 57.4 86.2
138 114.1 90.1 135.1



#48
Acenaphthylene
Concen: 38.29 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion: 152 Resp: 1471318
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.3 10.9 16.3





#49

Dimethylphthalate

Concen: 38.99 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

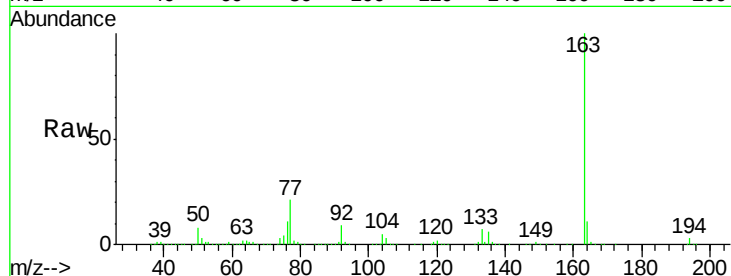
Tgt Ion:163 Resp: 1087171

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

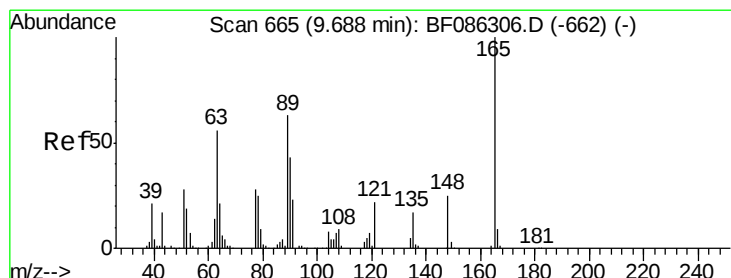
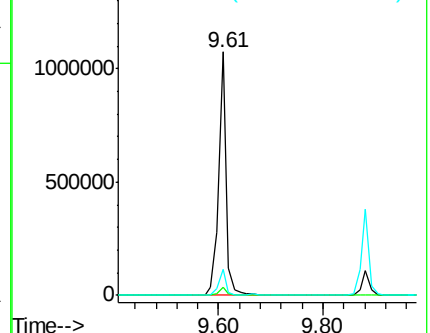
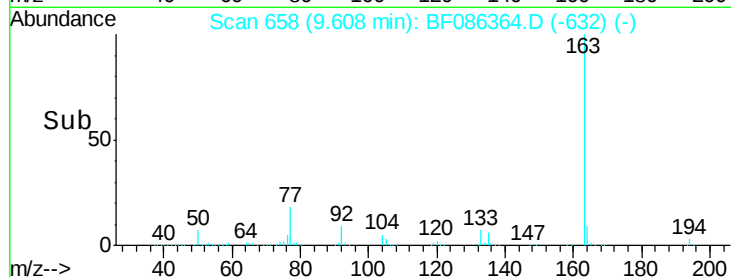
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.45 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

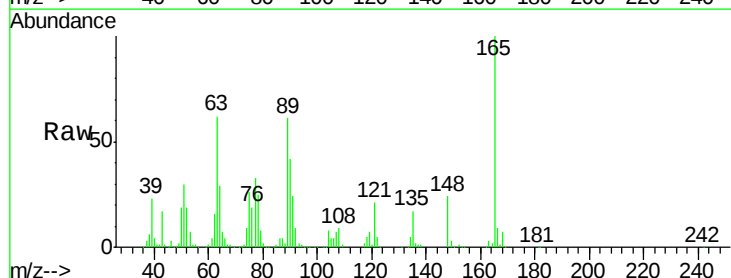
Tgt Ion:165 Resp: 243616

Ion Ratio Lower Upper

165 100

63 62.0 51.8 77.8

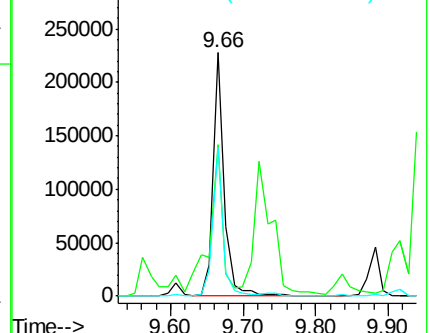
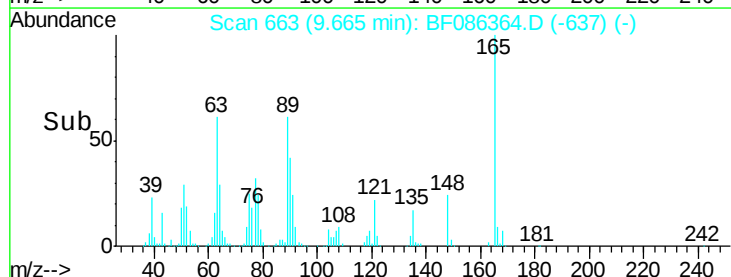
89 61.0 50.7 76.1

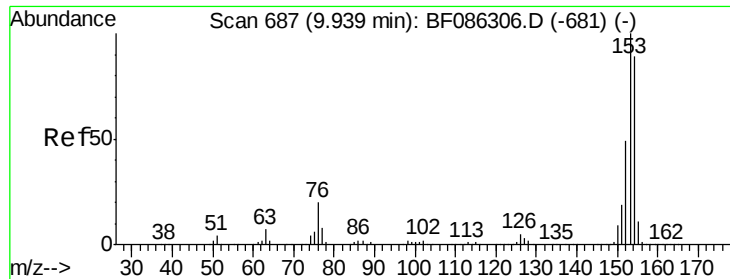


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.14 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

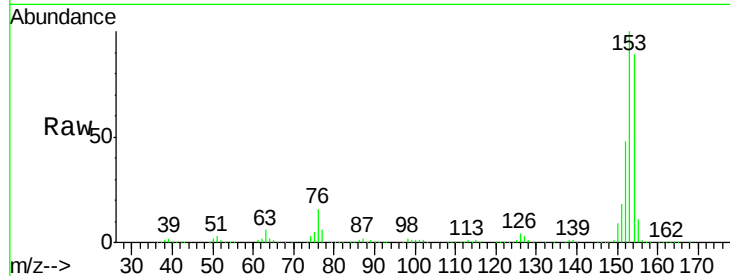
Tgt Ion:154 Resp: 1018320

Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.6

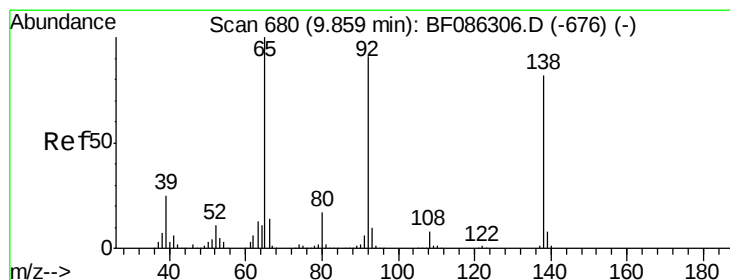
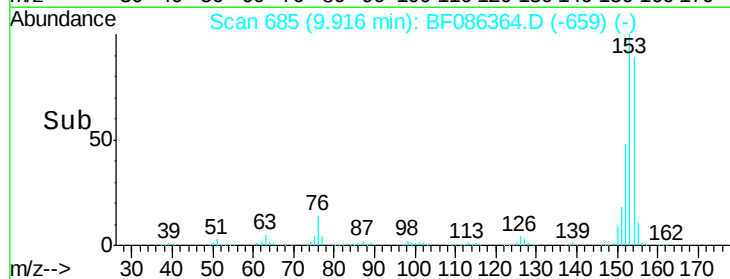
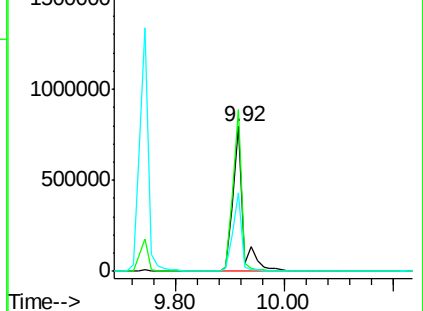
152 53.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.38 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

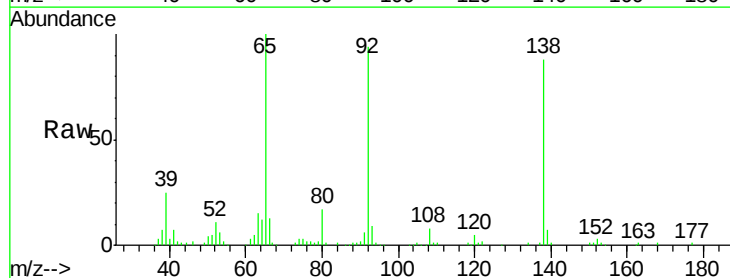
Tgt Ion:138 Resp: 176327

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.6

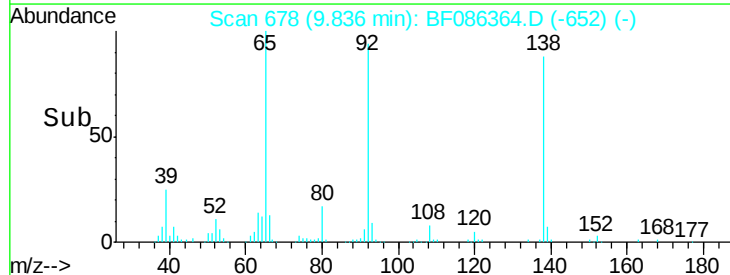
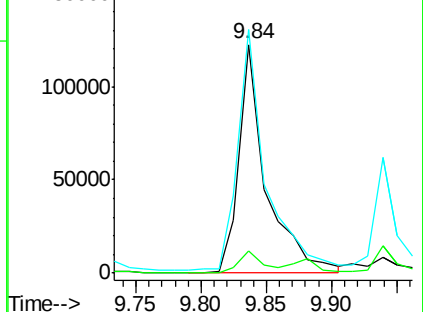
92 106.5 87.8 131.8

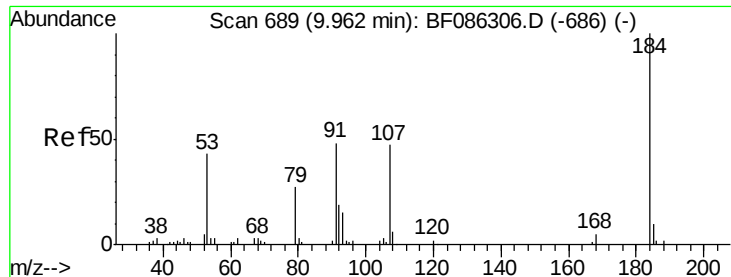


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

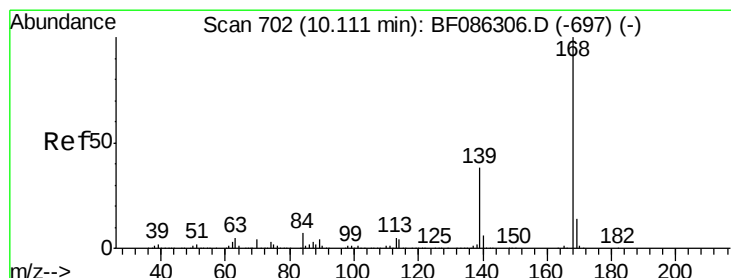
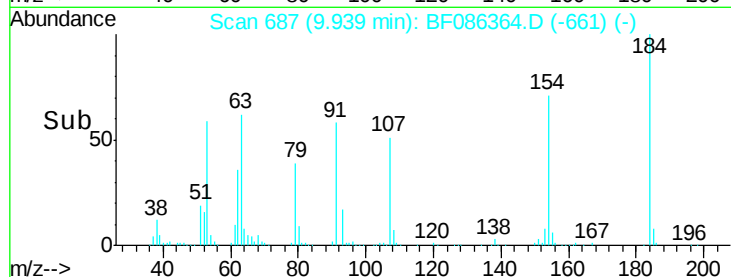
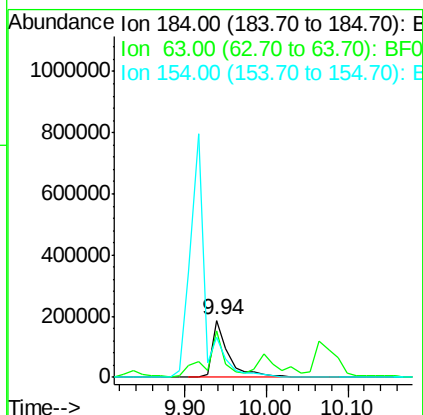
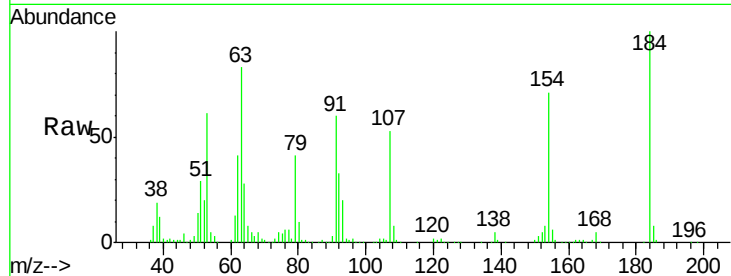




#53
2,4-Dinitrophenol
Concen: 83.38 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

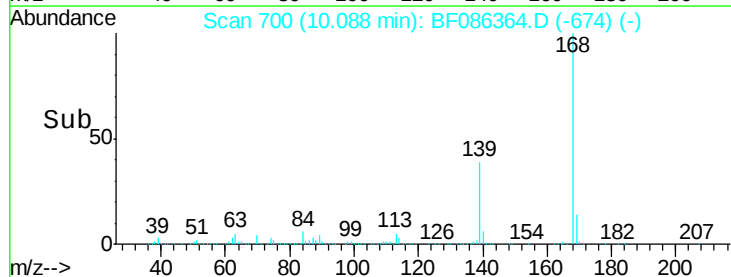
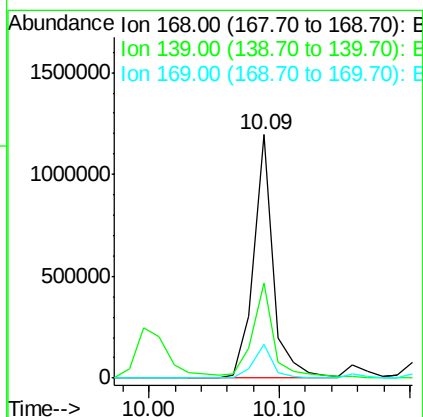
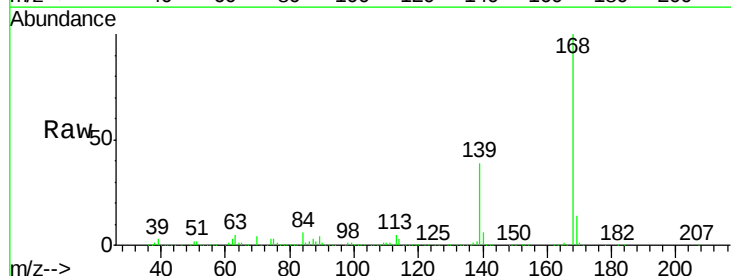
Instrument :
BNA_F
ClientSampleId :
PB90017BS

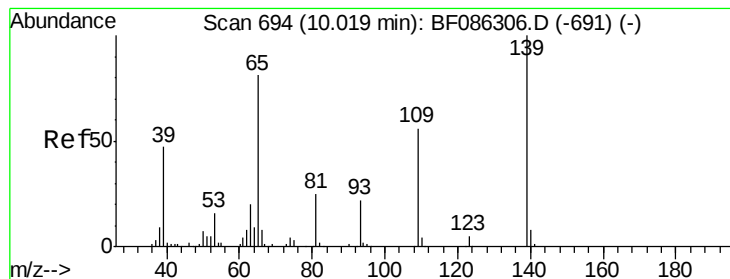
Tgt Ion:184 Resp: 261075
Ion Ratio Lower Upper
184 100
63 82.9 55.8 83.8
154 71.4 62.4 93.6



#54
Dibenzofuran
Concen: 41.58 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:168 Resp: 1260673
Ion Ratio Lower Upper
168 100
139 39.2 31.4 47.0
169 13.6 10.7 16.1





#55

4-Nitrophenol

Concen: 80.50 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

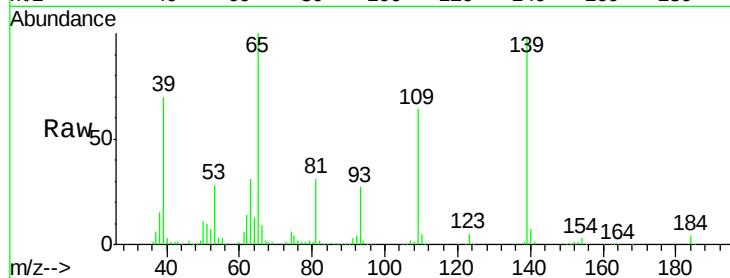
Tgt Ion:139 Resp: 424728

Ion Ratio Lower Upper

139 100

109 64.8 36.9 76.9

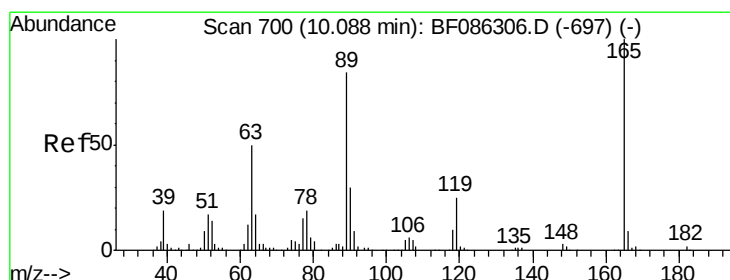
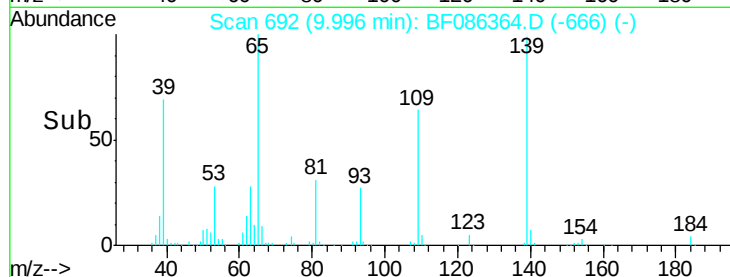
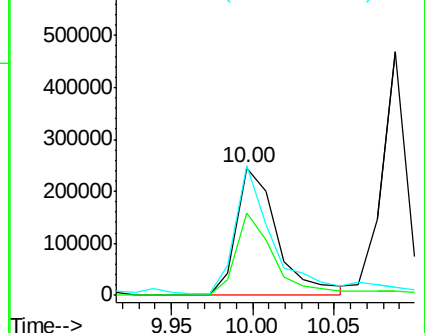
65 101.9 64.0 104.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 41.92 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:165 Resp: 335299

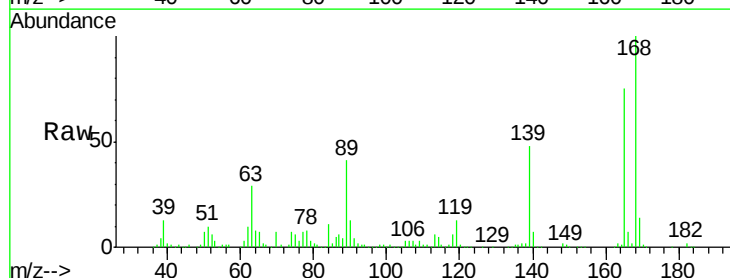
Ion Ratio Lower Upper

165 100

63 39.0 44.3 66.5#

89 55.0 70.0 105.0#

182 2.5 1.8 2.6

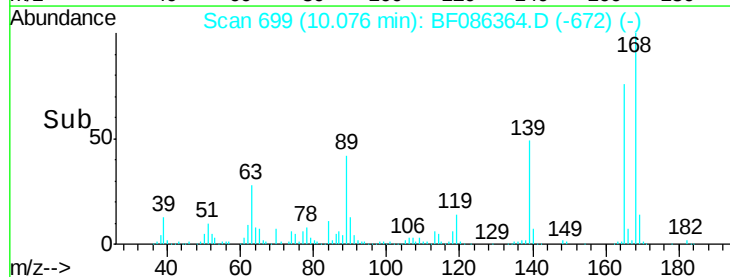
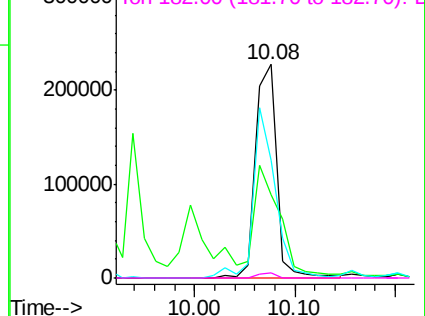


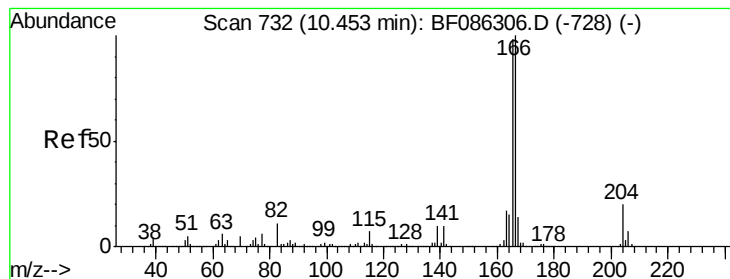
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.52 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

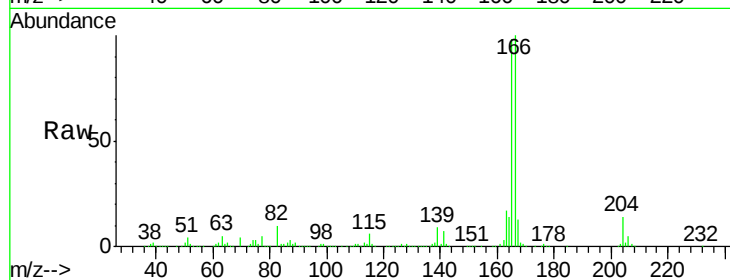
Tgt Ion:166 Resp: 956980

Ion Ratio Lower Upper

166 100

165 98.0 79.0 118.6

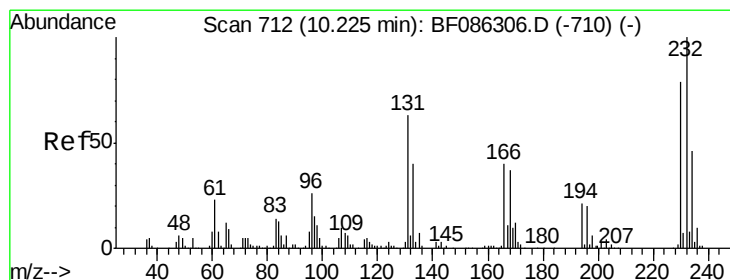
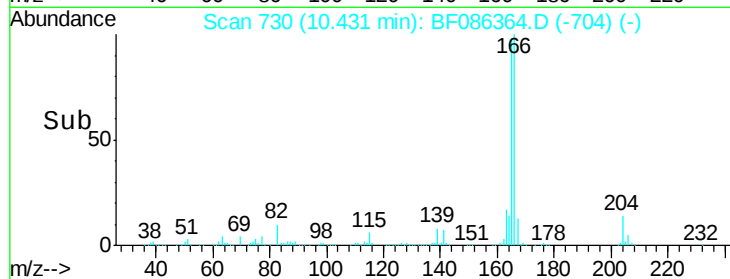
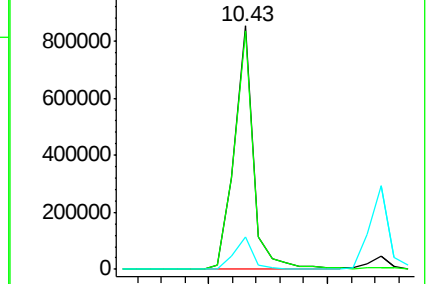
167 13.3 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.61 ng

RT: 10.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:232 Resp: 256958

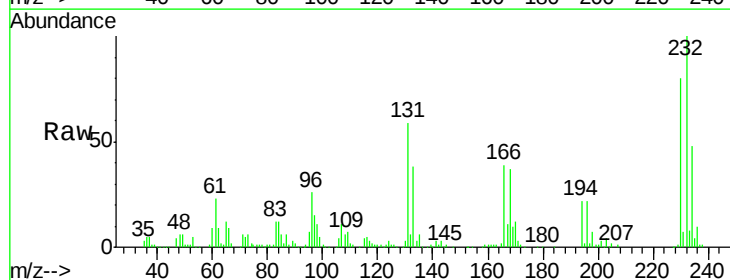
Ion Ratio Lower Upper

232 100

131 52.7 41.9 62.9

130 2.8 2.2 3.4

166 36.7 26.8 40.2

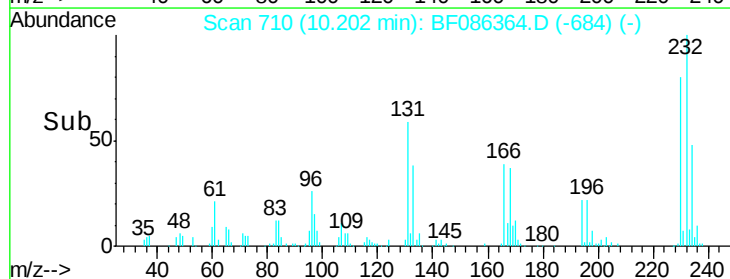
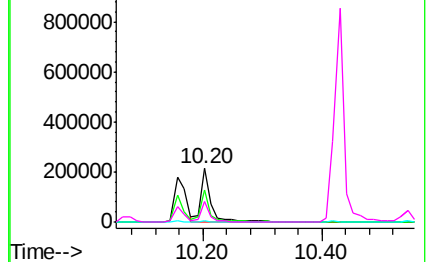


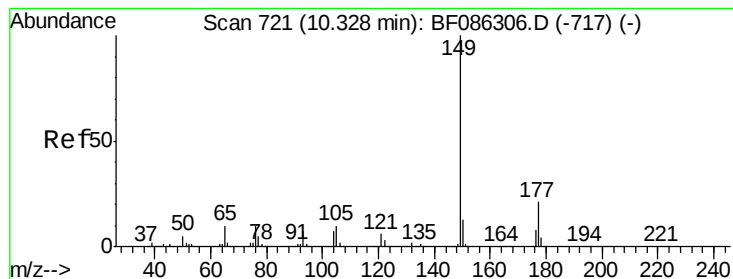
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.32 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampled :

PB90017BS

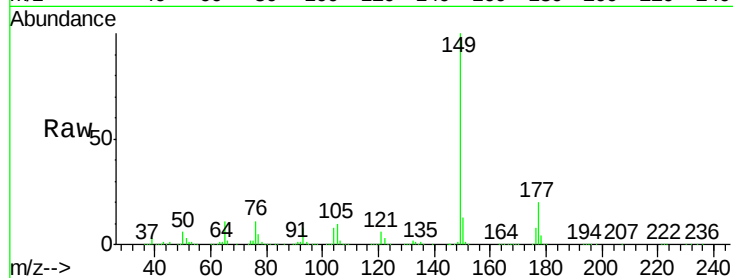
Tgt Ion:149 Resp: 1023228

Ion Ratio Lower Upper

149 100

177 20.3 16.6 24.8

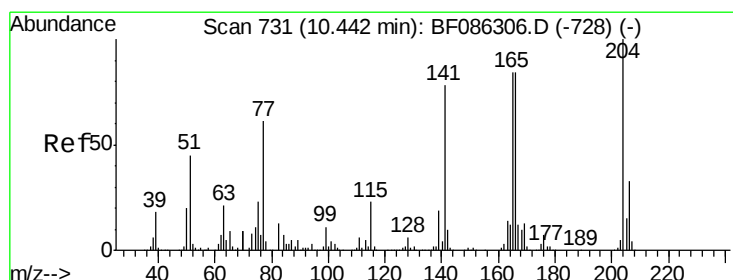
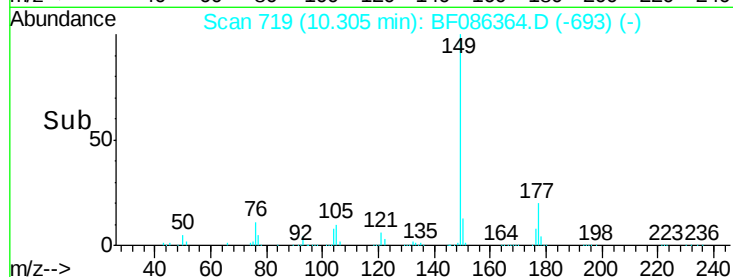
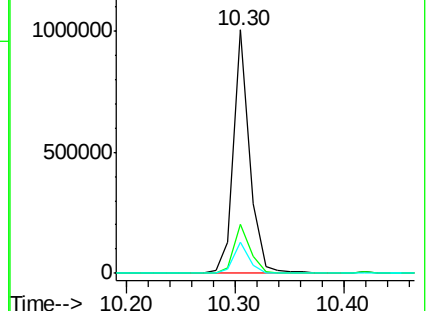
150 13.0 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.91 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

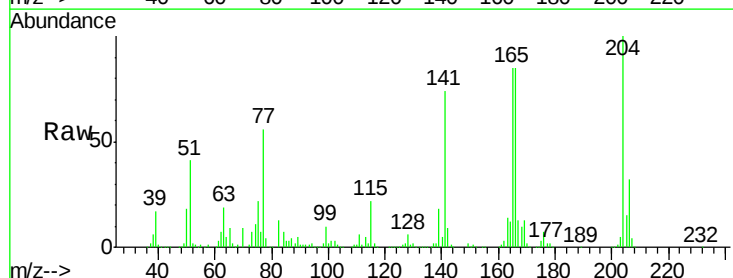
Tgt Ion:204 Resp: 401046

Ion Ratio Lower Upper

204 100

206 31.9 25.4 38.0

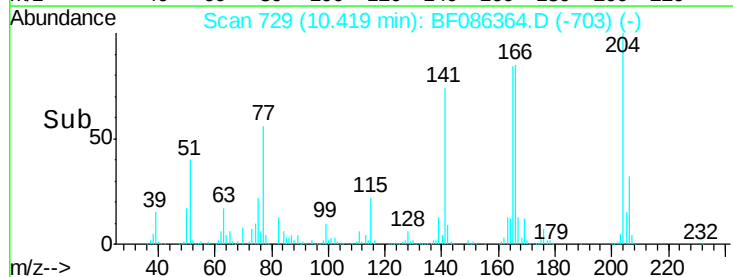
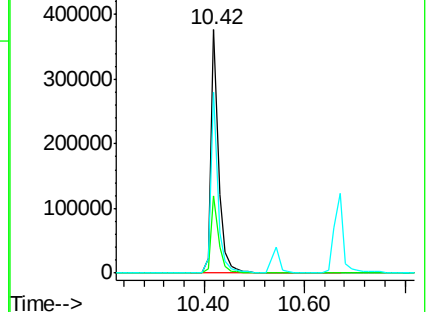
141 74.3 61.6 92.4

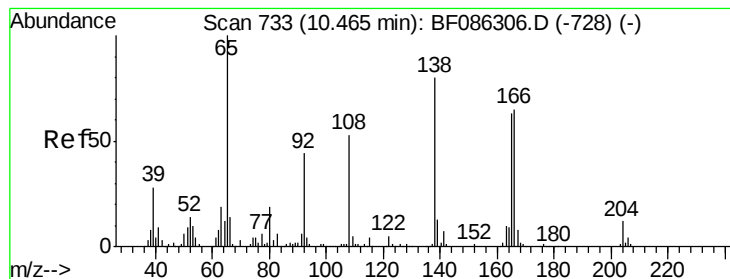


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.69 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

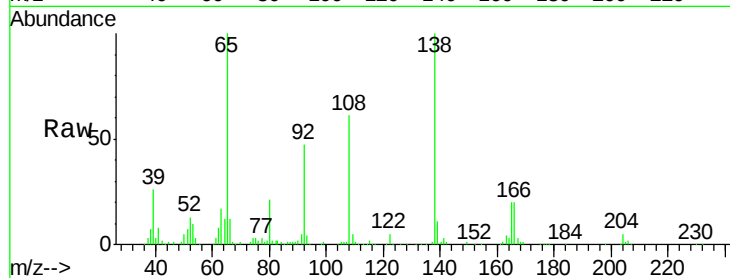
Tgt Ion:138 Resp: 314064

Ion Ratio Lower Upper

138 100

92 47.0 24.7 64.7

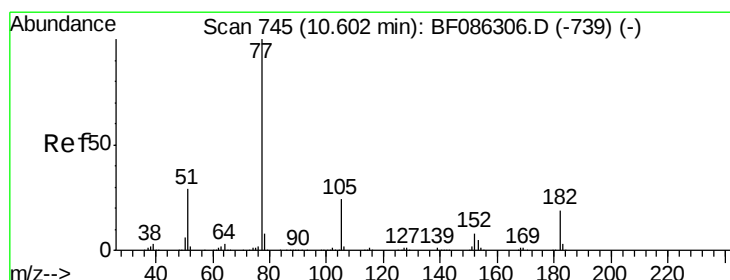
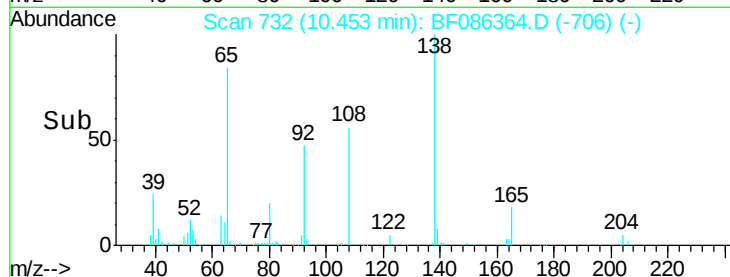
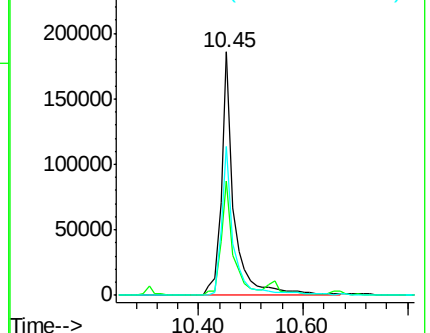
108 61.2 37.4 77.4



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: 40.52 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion: 77 Resp: 1121921

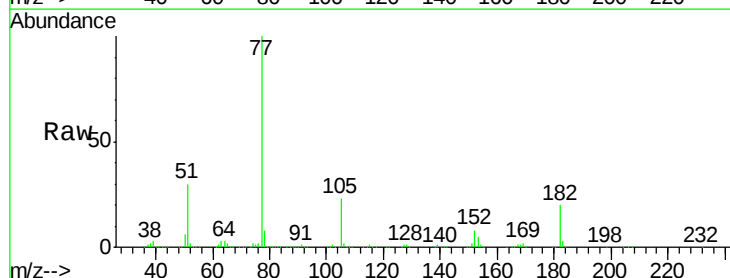
Ion Ratio Lower Upper

77 100

182 20.4 0.0 38.8

105 23.5 3.2 43.2

51 29.8 8.8 48.8

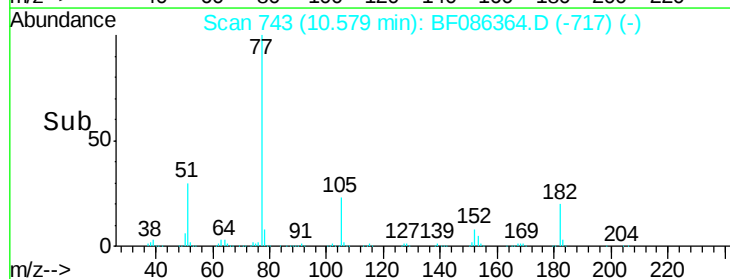
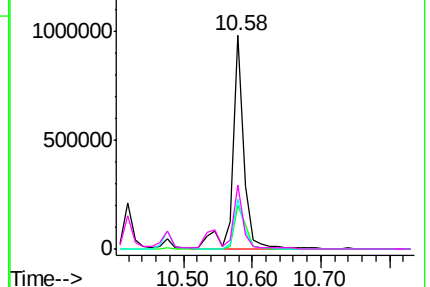


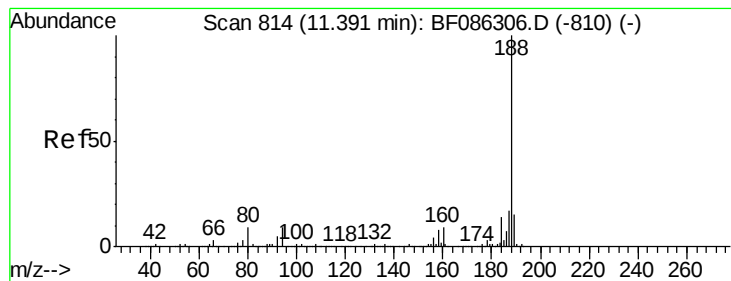
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

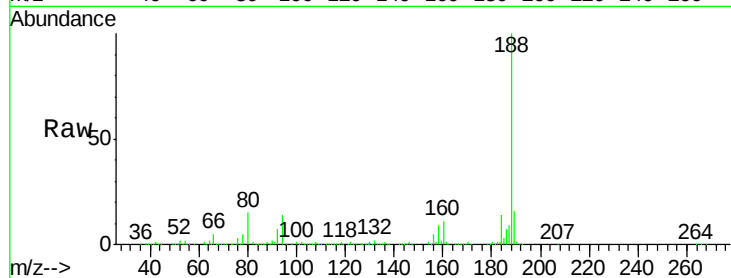
Tgt Ion:188 Resp: 739046

Ion Ratio Lower Upper

188 100

94 13.7 6.8 10.2#

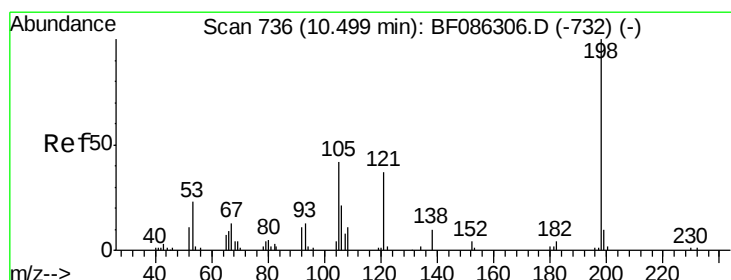
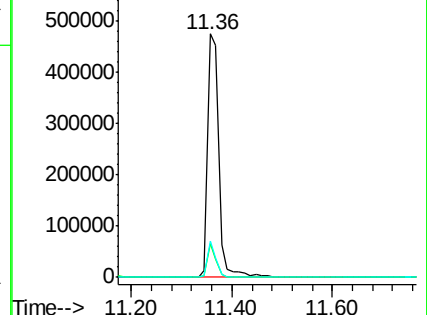
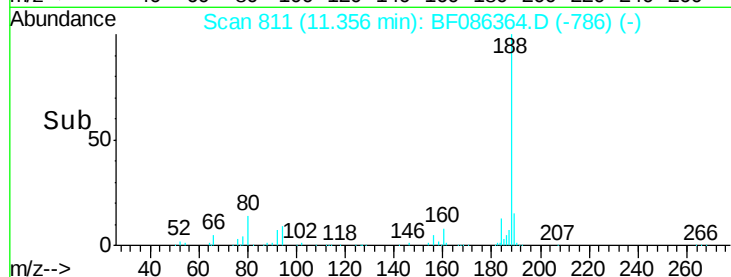
80 15.0 7.1 10.7#



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: 37.99 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

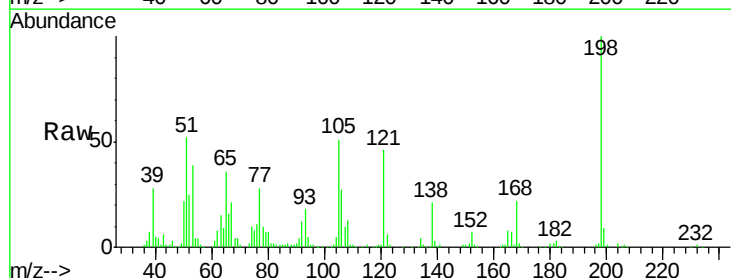
Tgt Ion:198 Resp: 171579

Ion Ratio Lower Upper

198 100

51 52.2 20.5 60.5

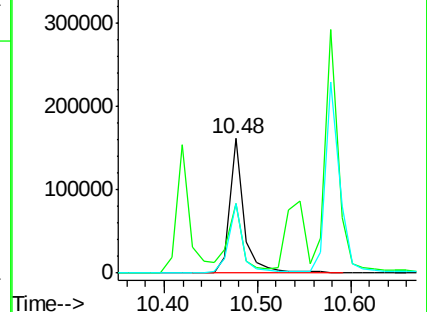
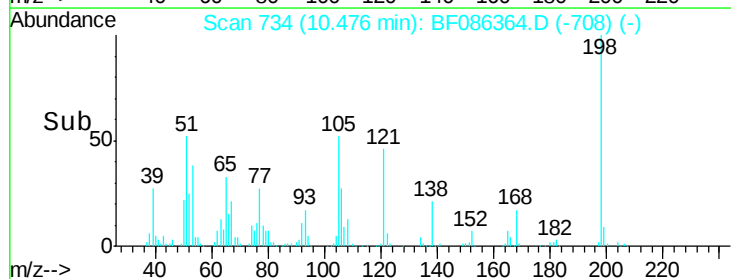
105 51.5 24.5 64.5

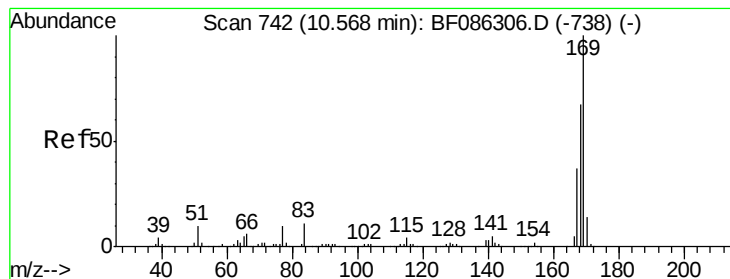


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.34 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

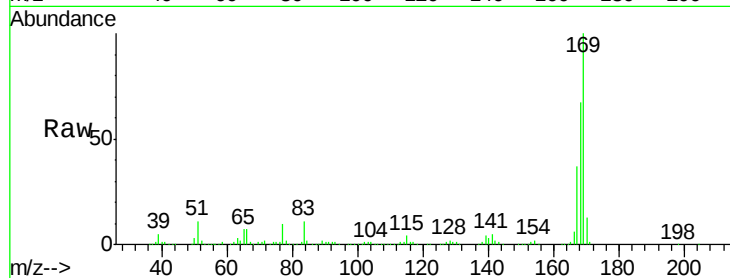
Tgt Ion:169 Resp: 896436

Ion Ratio Lower Upper

169 100

168 66.5 53.8 80.6

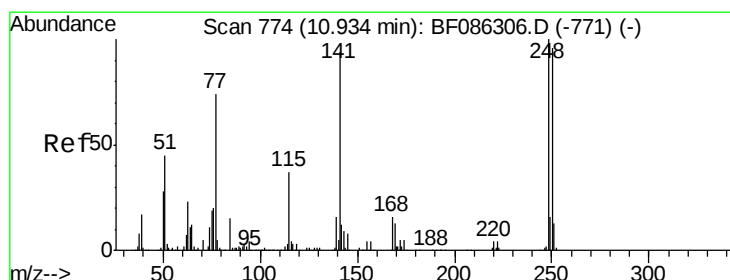
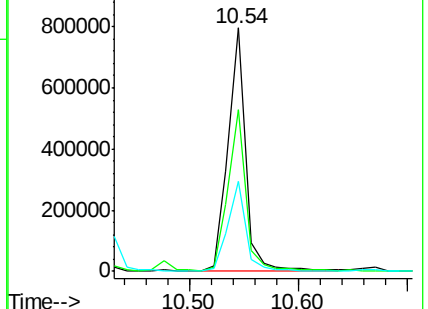
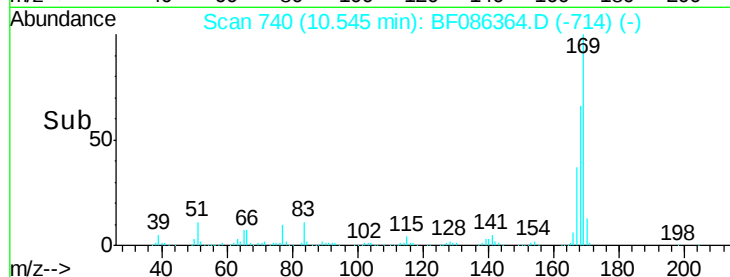
167 37.0 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.67 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

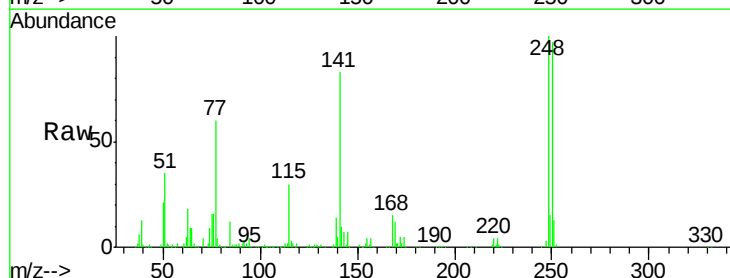
Tgt Ion:248 Resp: 279845

Ion Ratio Lower Upper

248 100

250 96.8 78.6 117.8

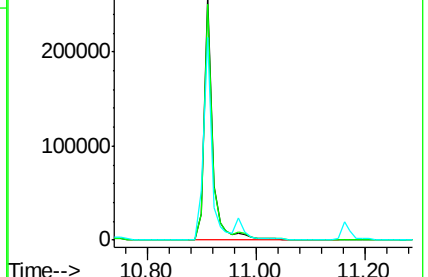
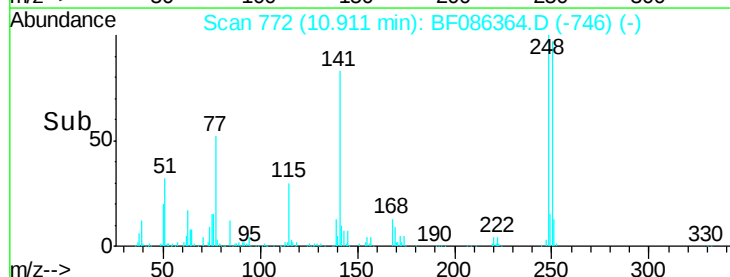
141 83.5 76.0 114.0

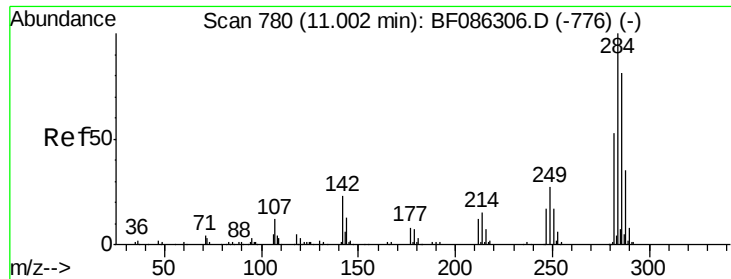


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

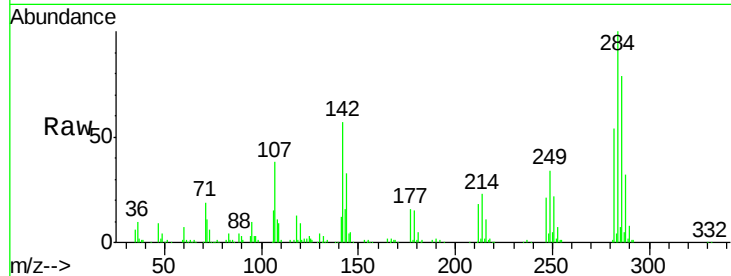




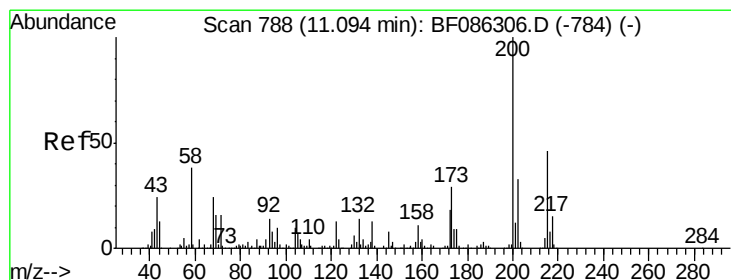
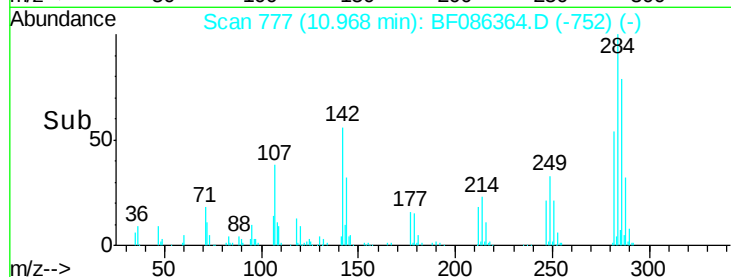
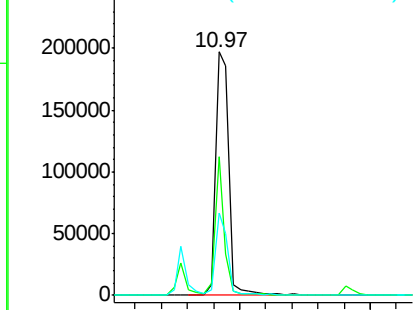
#67
Hexachlorobenzene
Concen: 37.31 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tgt Ion:284 Resp: 288096
Ion Ratio Lower Upper
284 100
142 57.1 16.7 25.1#
249 33.7 21.3 31.9#

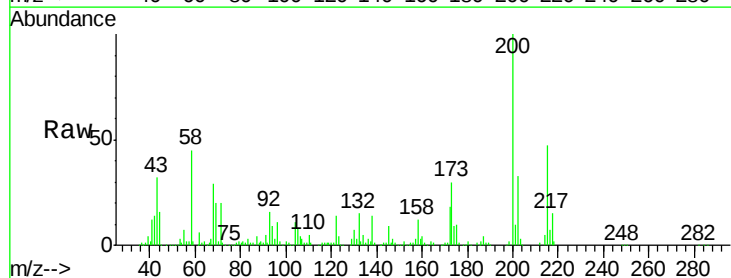


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

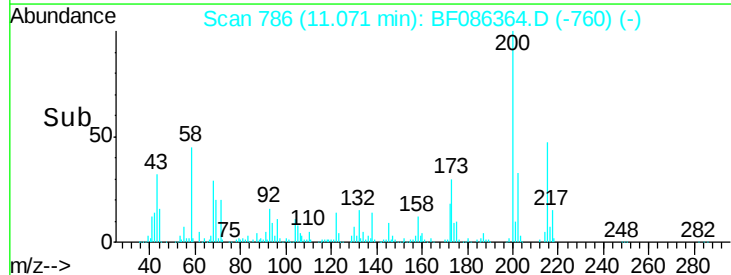
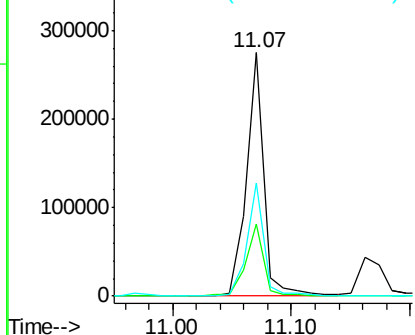


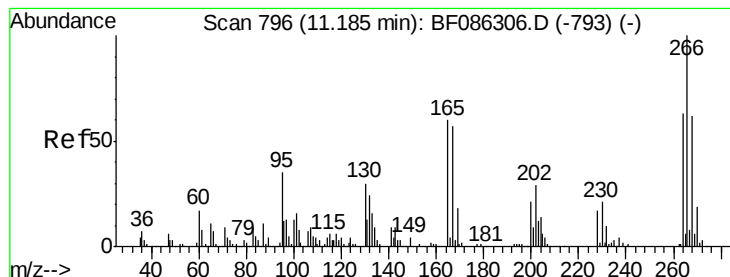
#68
Atrazine
Concen: 40.17 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:200 Resp: 282648
Ion Ratio Lower Upper
200 100
173 29.8 8.5 48.5
215 46.6 27.2 67.2



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

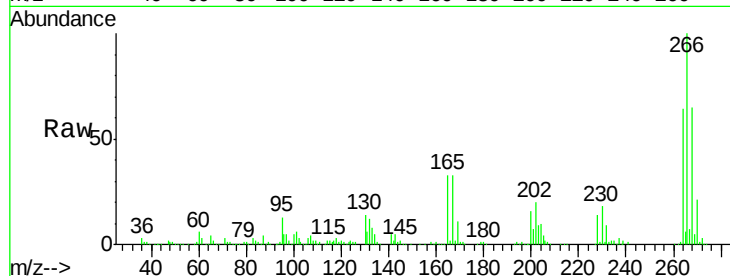




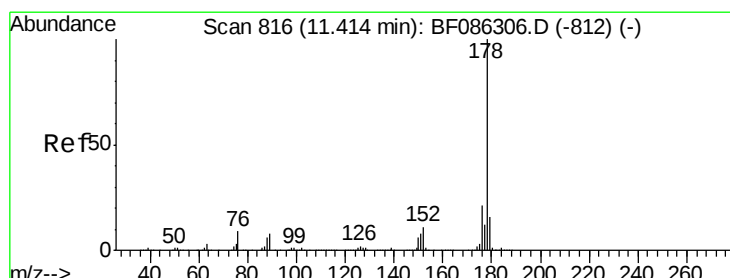
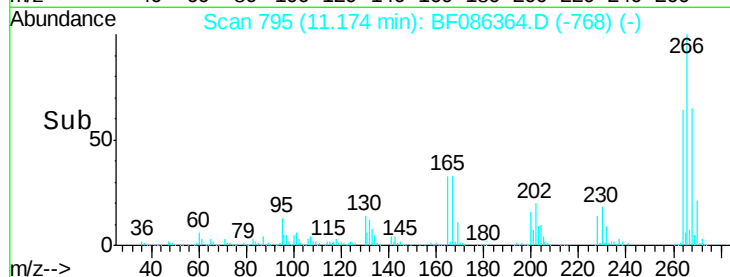
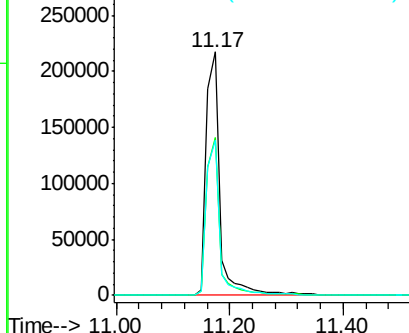
#69
 Pentachlorophenol
 Concen: 76.69 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:266 Resp: 347701
 Ion Ratio Lower Upper
 266 100
 268 65.0 51.5 77.3
 264 63.7 52.9 79.3

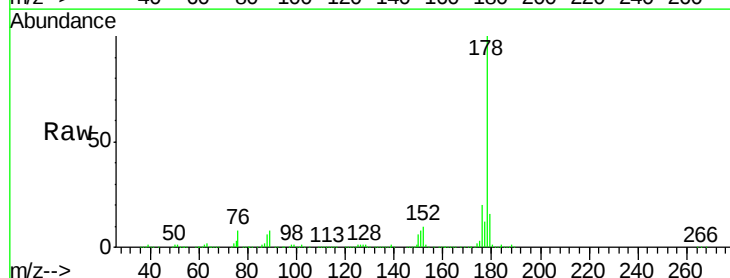


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

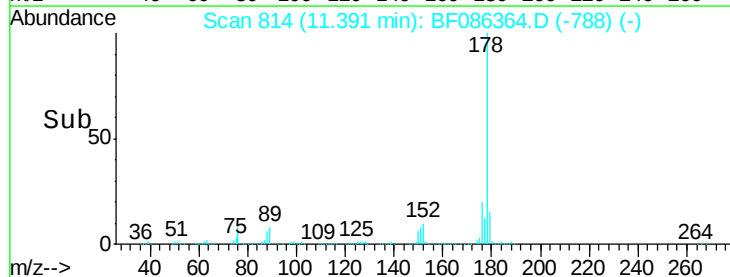
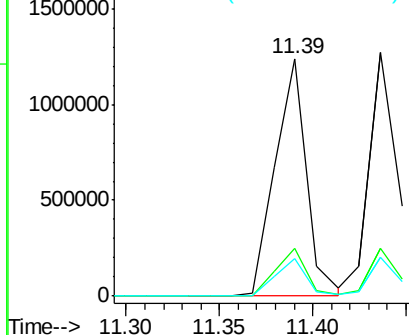


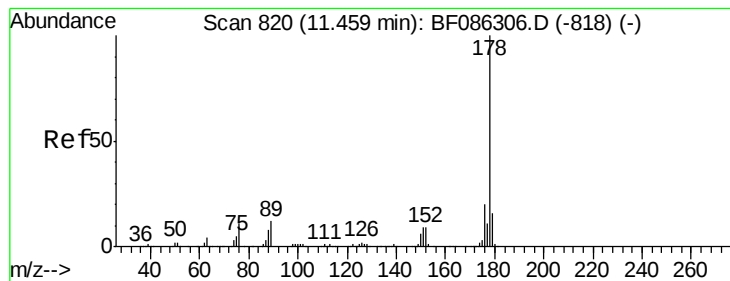
#70
 Phenanthrene
 Concen: 39.40 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:178 Resp: 1463111
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.5 12.6 18.8



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





#71

Anthracene

Concen: 35.91 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

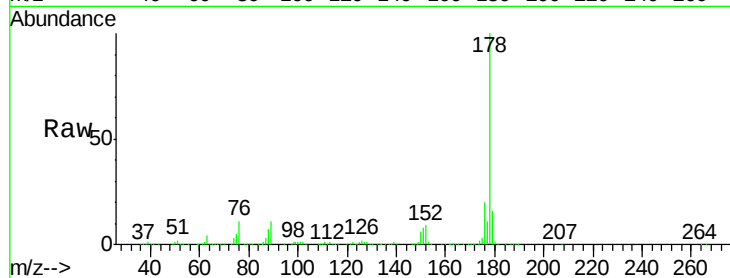
Tgt Ion:178 Resp: 1527888

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

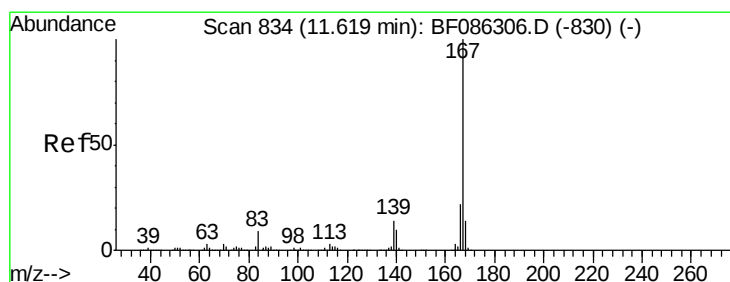
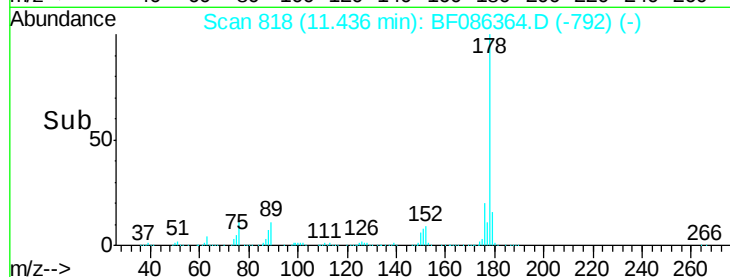
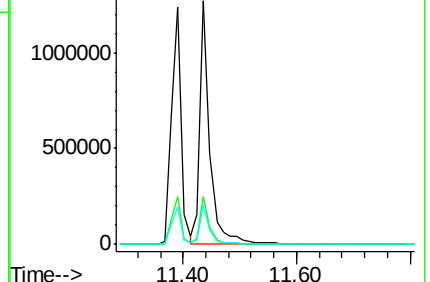
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.35 ng

RT: 11.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

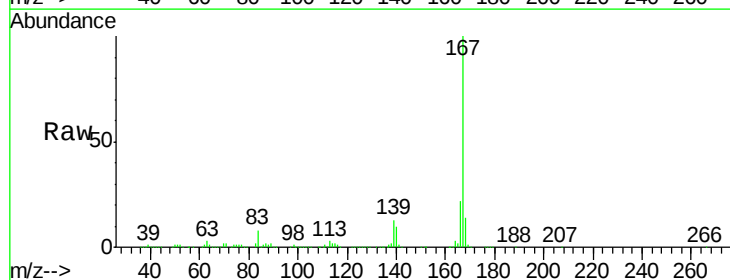
Tgt Ion:167 Resp: 1612551

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

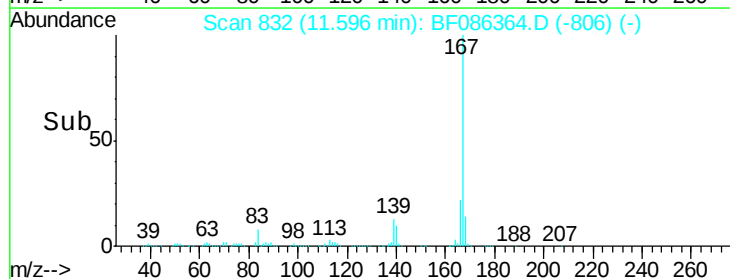
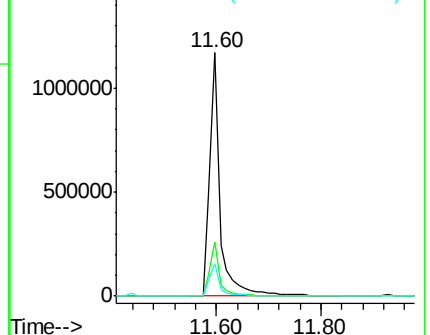
139 13.3 10.8 16.2

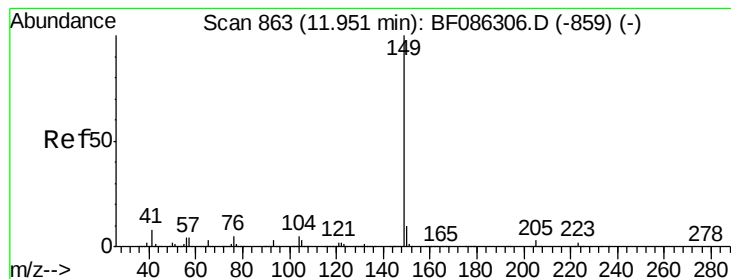


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.26 ng

RT: 11.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

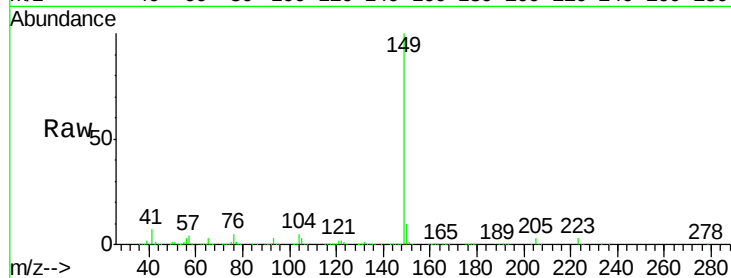
Tgt Ion:149 Resp: 1650466

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

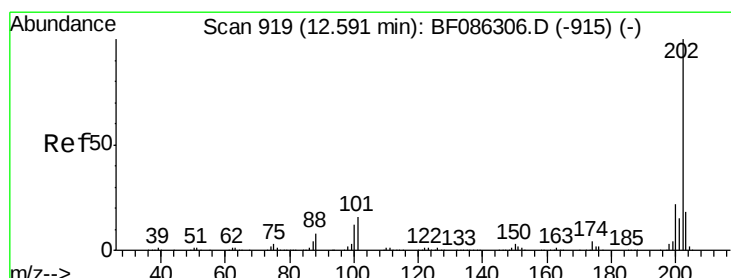
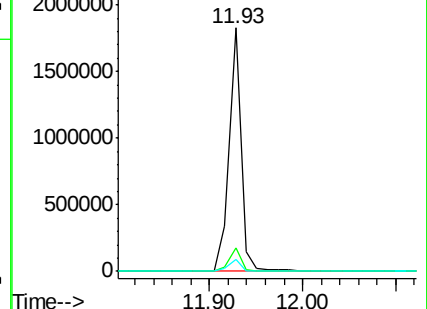
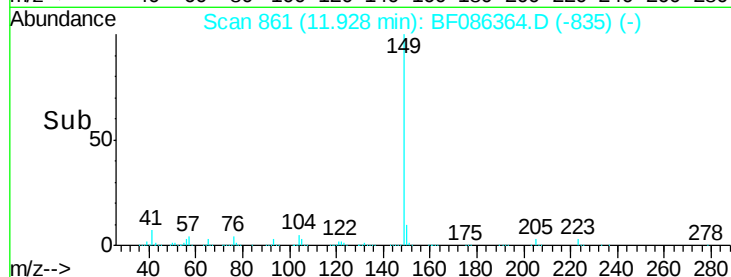
104 4.8 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.19 ng

RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

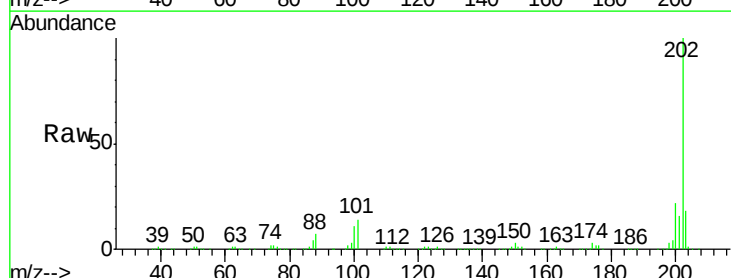
Tgt Ion:202 Resp: 1529308

Ion Ratio Lower Upper

202 100

101 14.1 0.0 35.4

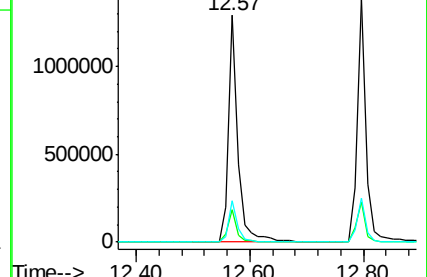
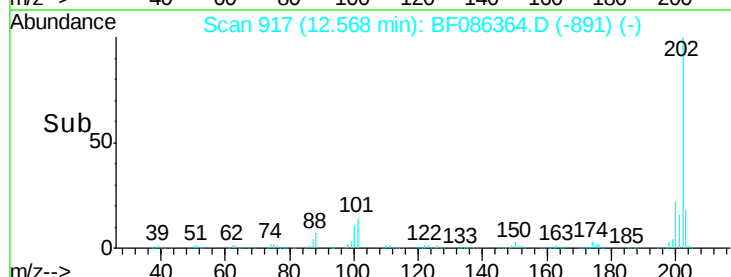
203 18.3 0.0 38.1

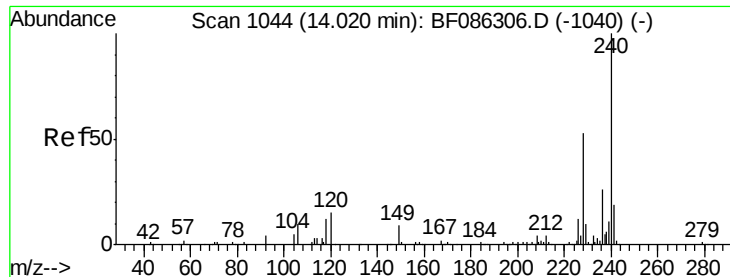


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

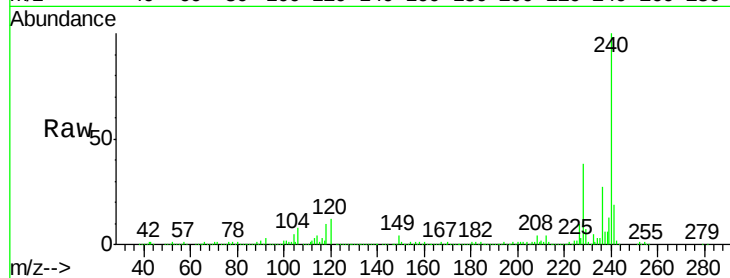
Tgt Ion:240 Resp: 563455

Ion Ratio Lower Upper

240 100

120 11.8 11.2 16.8

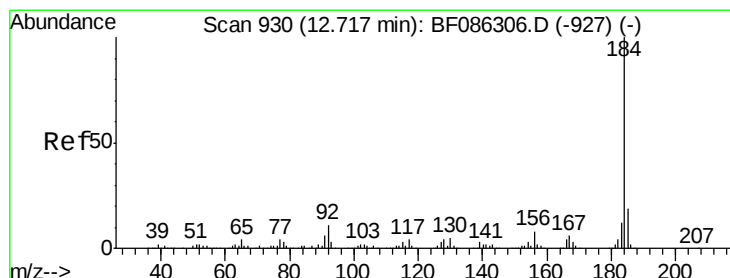
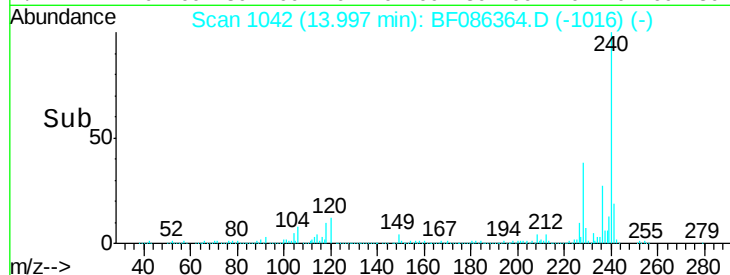
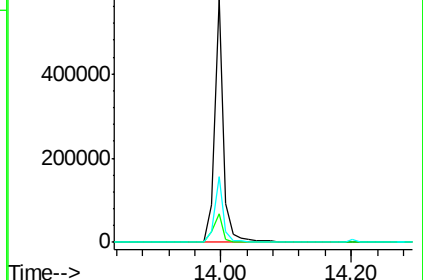
236 26.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.11 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

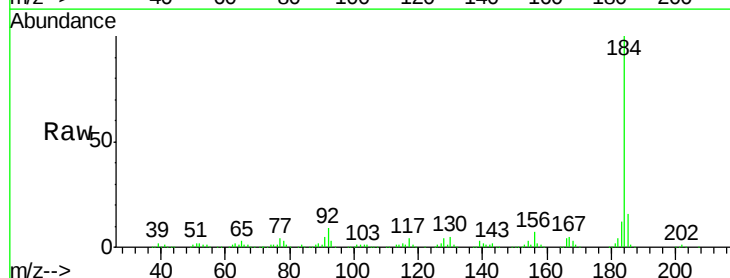
Tgt Ion:184 Resp: 672586

Ion Ratio Lower Upper

184 100

185 15.7 13.6 20.4

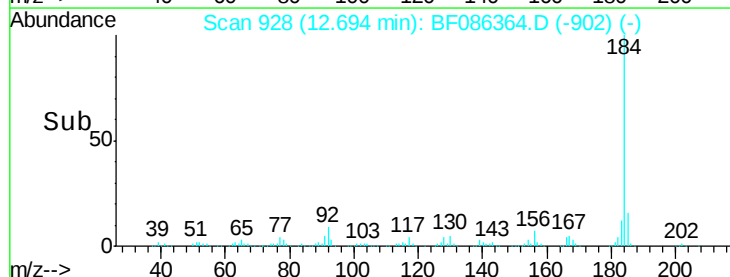
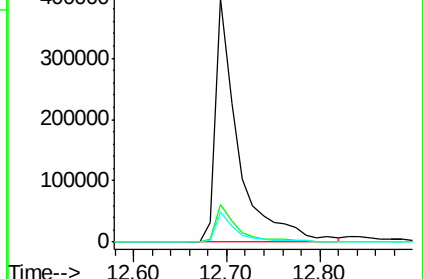
183 12.3 9.8 14.6

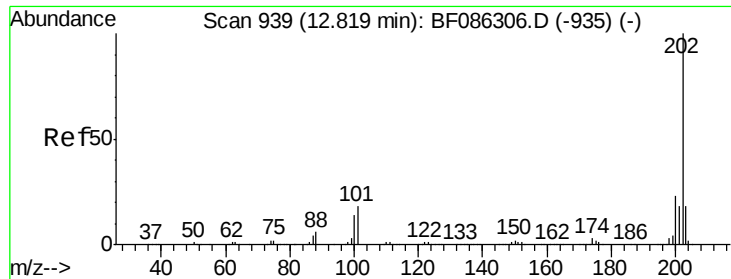


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

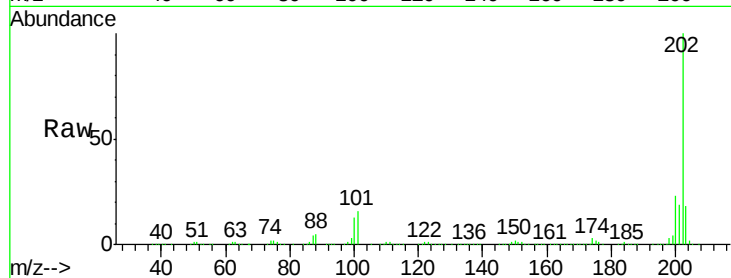




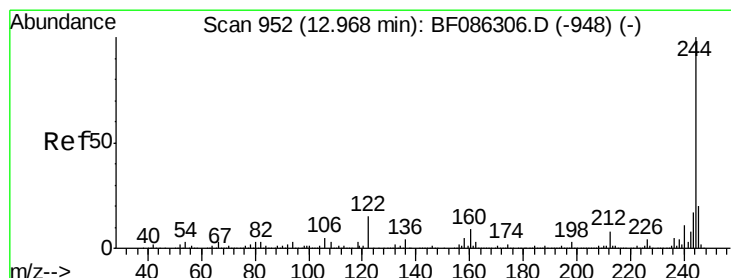
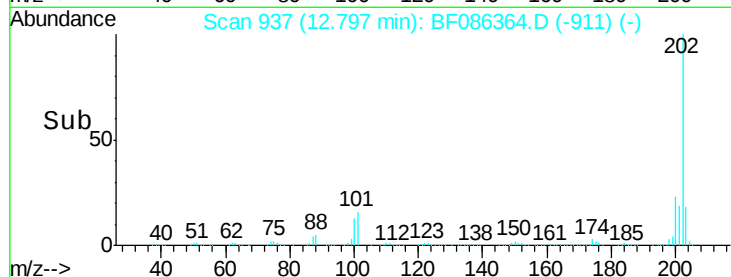
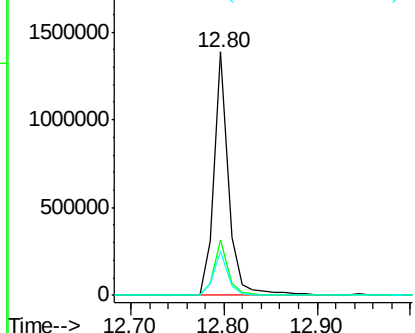
#77
 Pyrene
 Concen: 37.99 ng
 RT: 12.80 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:202 Resp: 1493014
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.7 26.5
 203 18.0 14.2 21.4

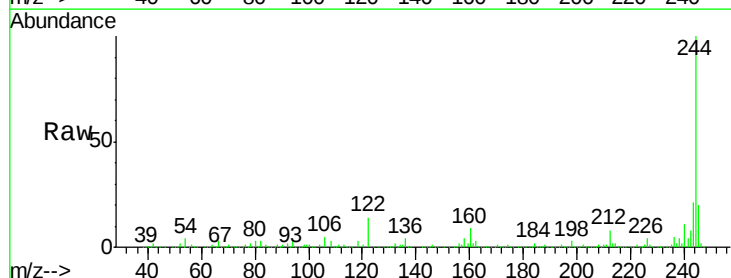


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

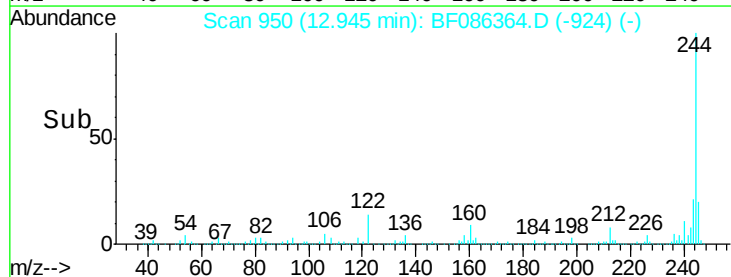
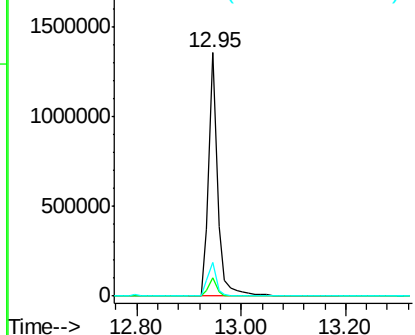


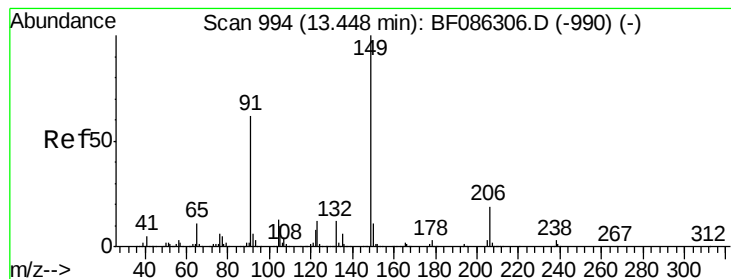
#78
 Terphenyl-d14
 Concen: 72.00 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:244 Resp: 1632795
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 14.0 12.0 18.0



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





#79

Butylbenzylphthalate

Concen: 42.31 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :

BNA_F

ClientSampleId :

PB90017BS

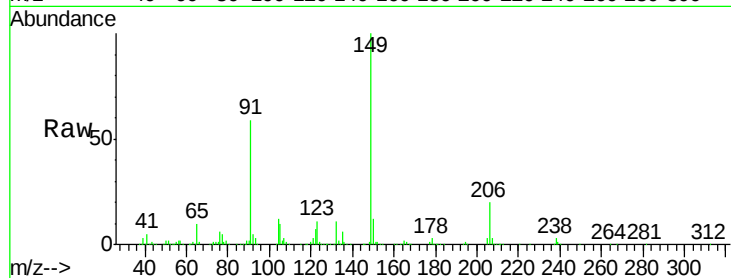
Tgt Ion:149 Resp: 774468

Ion Ratio Lower Upper

149 100

91 58.9 48.0 72.0

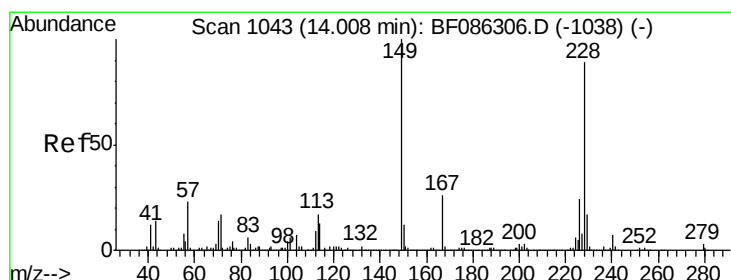
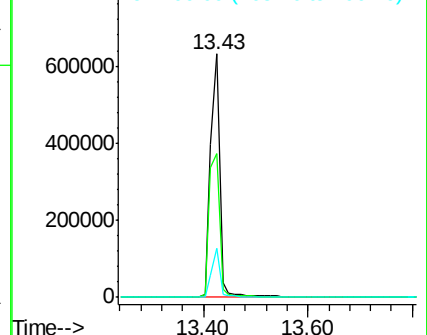
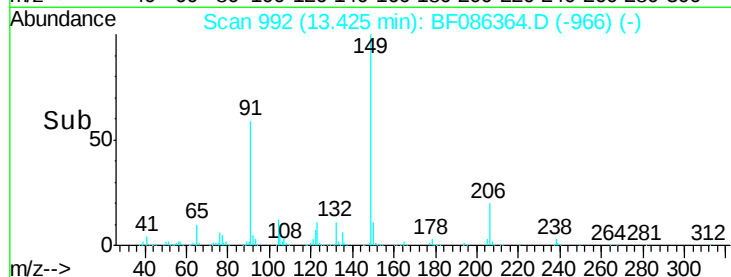
206 20.1 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.12 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

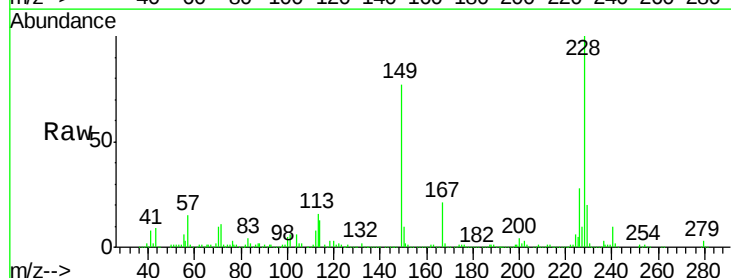
Tgt Ion:228 Resp: 1085802

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

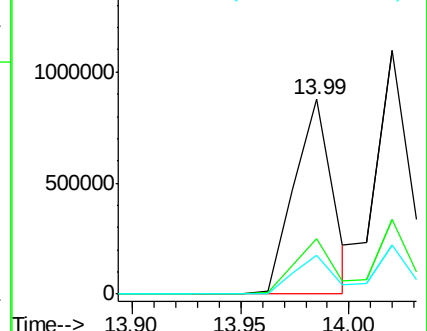
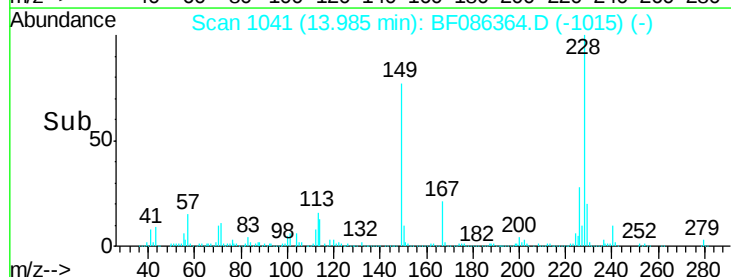
229 20.2 16.6 25.0

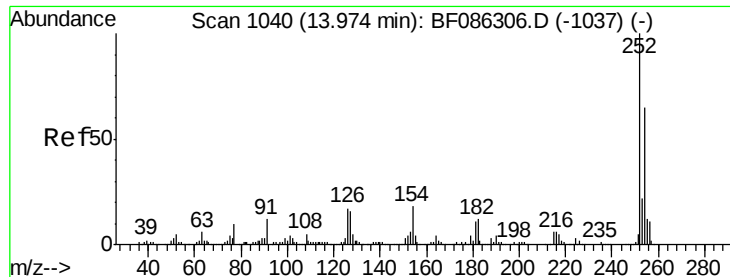


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

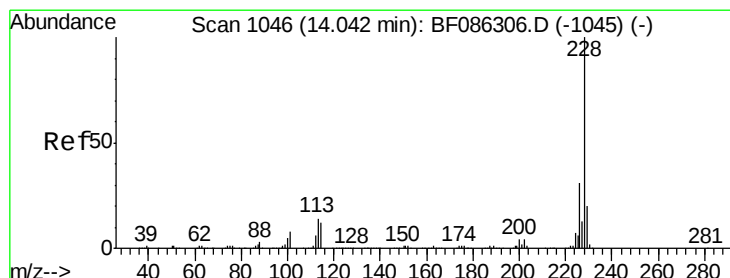
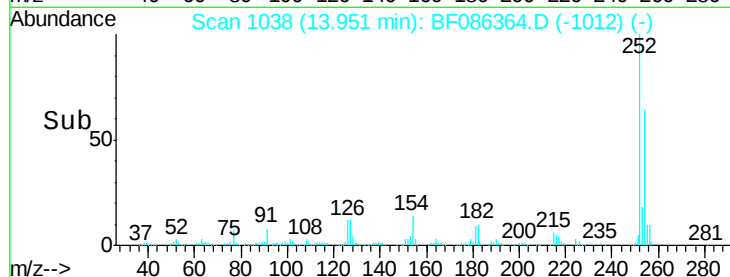
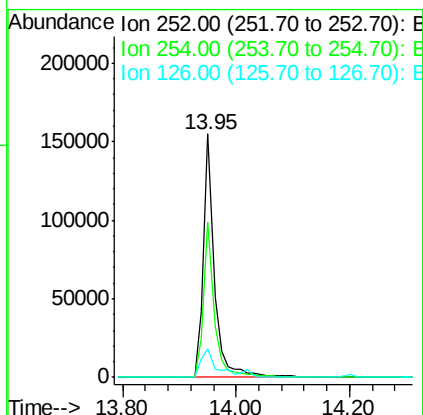
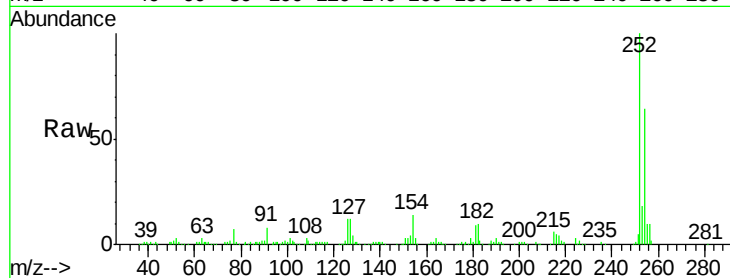




#81
 3,3'-Dichlorobenzidine
 Concen: 10.04 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

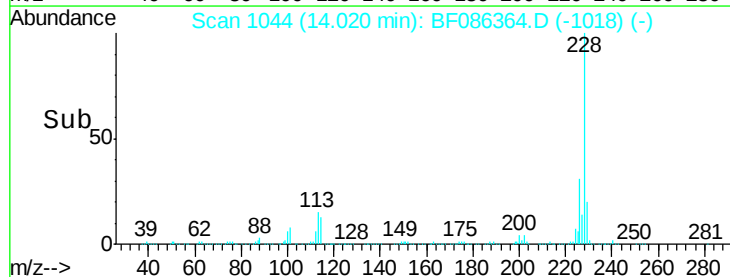
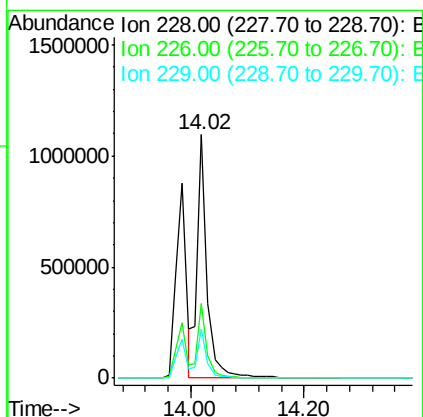
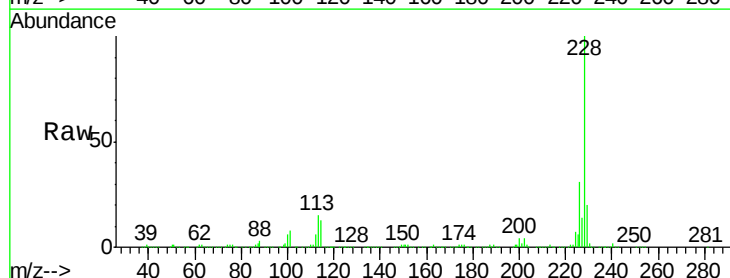
Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

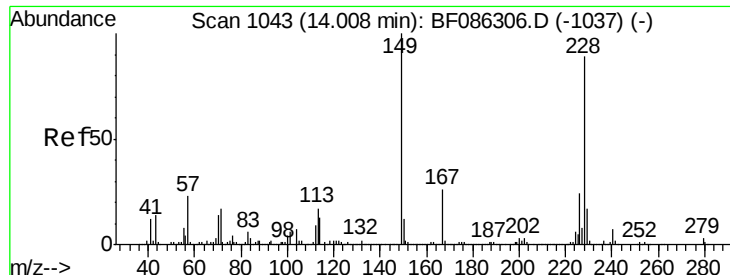
Tgt Ion:252 Resp: 202554
 Ion Ratio Lower Upper
 252 100
 254 63.8 50.7 76.1
 126 11.9 12.7 19.1#



#82
 Chrysene
 Concen: 39.54 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:228 Resp: 1303161
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.4 36.6
 229 19.9 15.8 23.8

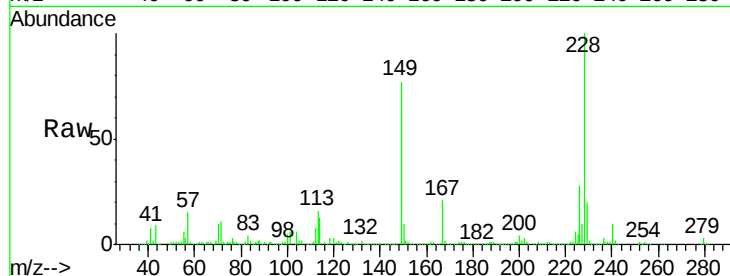




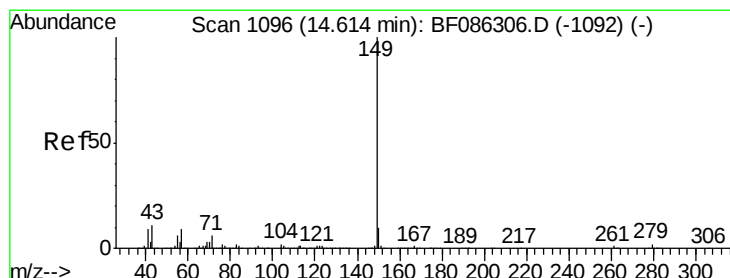
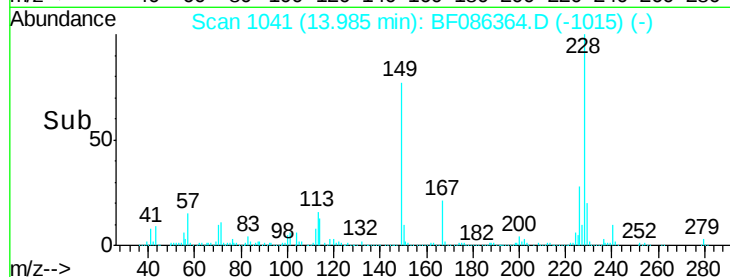
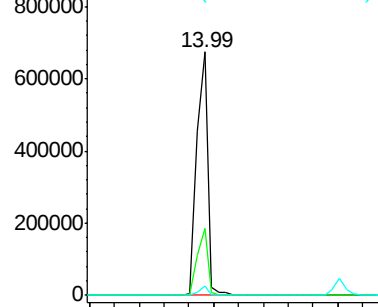
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.57 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion:149 Resp: 811127
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.6
 279 3.8 2.6 4.0

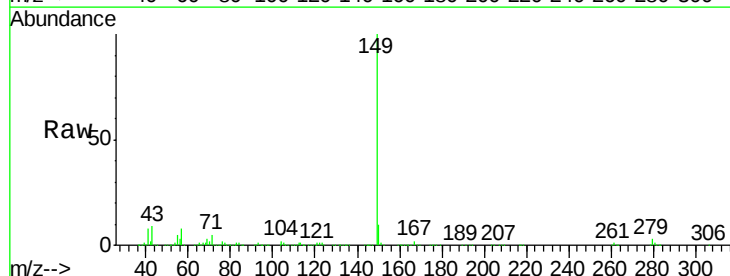


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

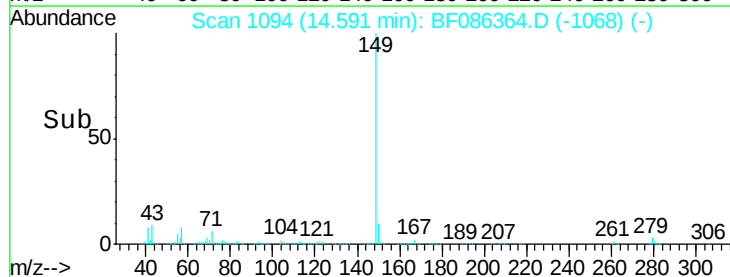
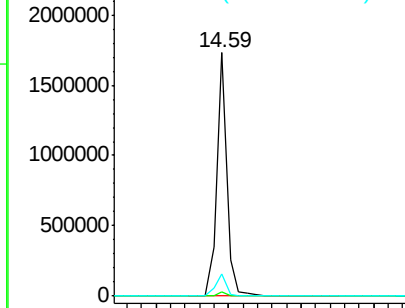


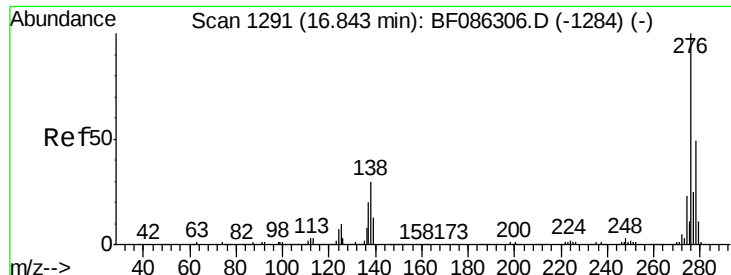
#84
 Di-n-octyl phthalate
 Concen: 42.23 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion:149 Resp: 1661857
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.7 8.2 12.4



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

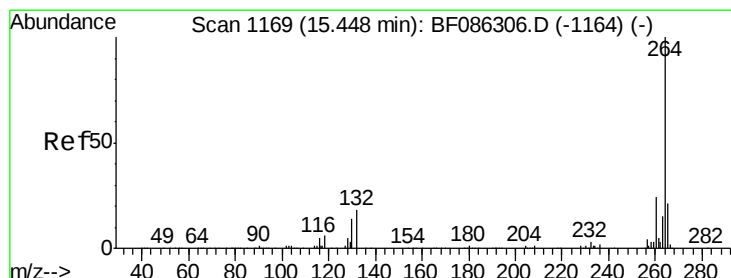
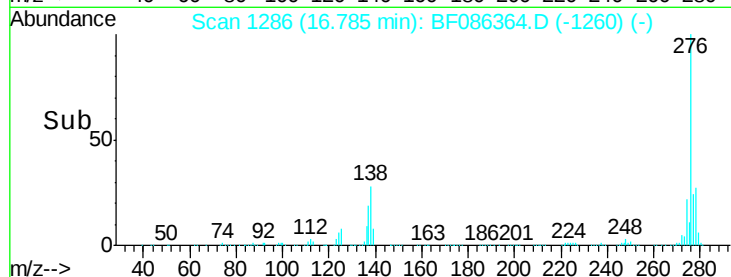
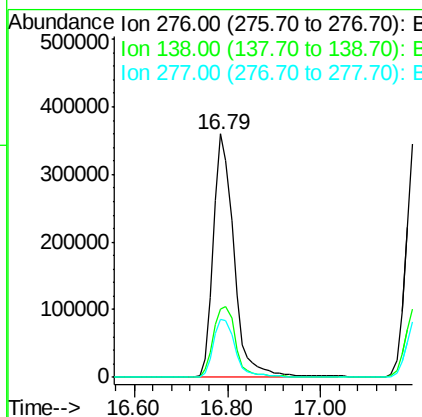
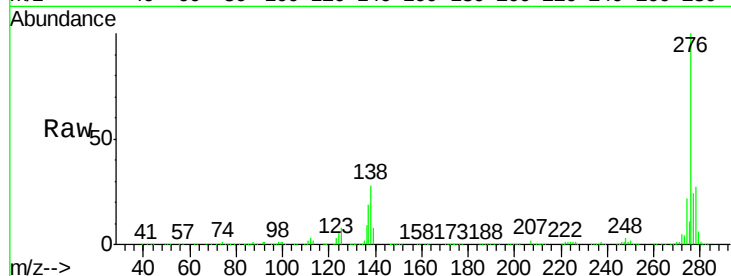




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.01 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

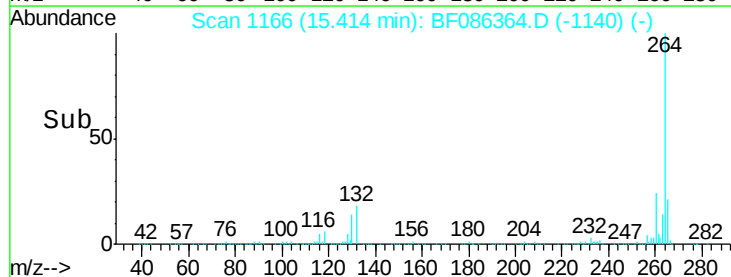
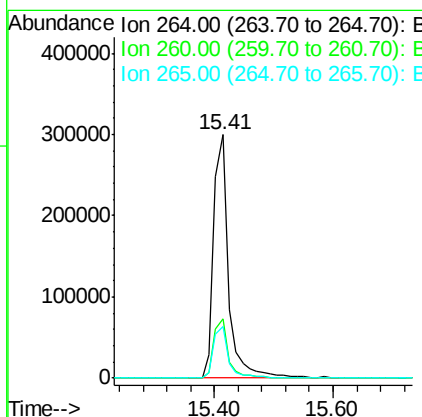
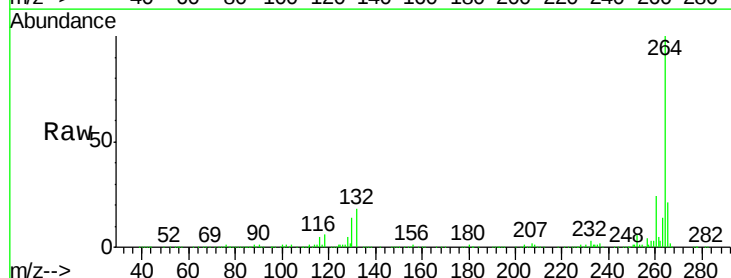
Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

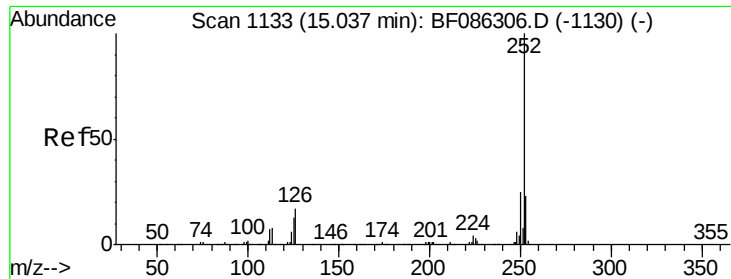
Tgt Ion: 276 Resp: 1113481
 Ion Ratio Lower Upper
 276 100
 138 32.2 25.6 38.4
 277 25.5 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Tgt Ion: 264 Resp: 521322
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 84.66 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.03 min

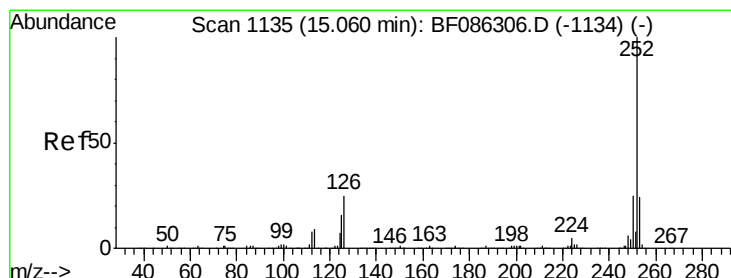
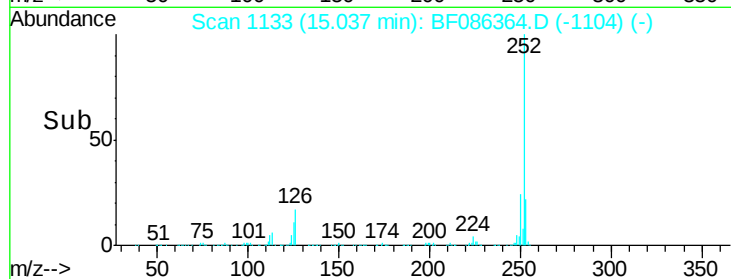
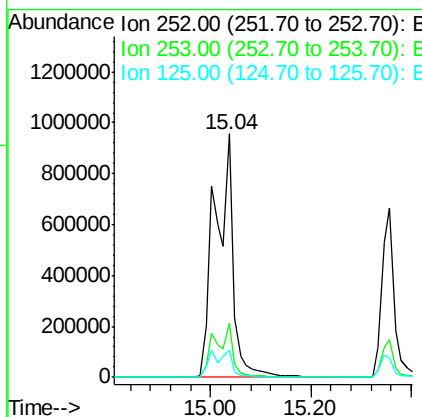
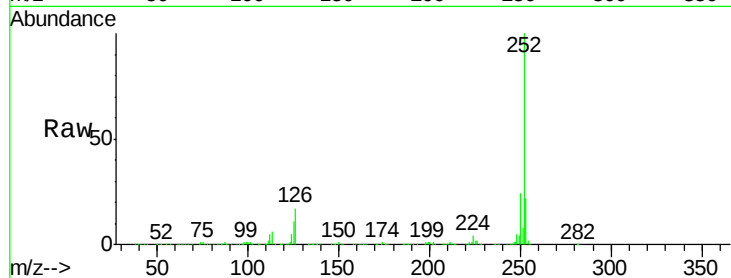
Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Instrument :
BNA_F
ClientSampleId :
PB90017BS

Tgt Ion:252 Resp: 2422685

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.5	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 86.37 ng

RT: 15.04 min Scan# 1133

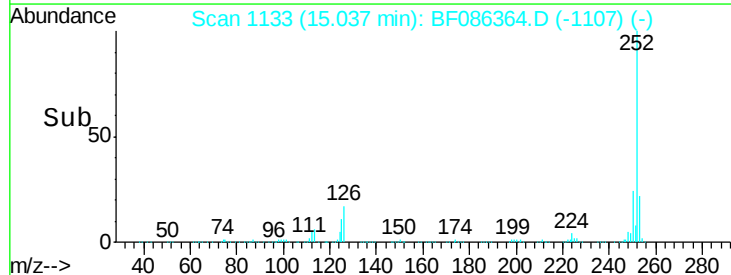
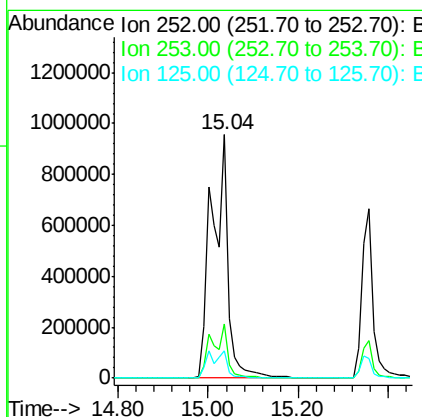
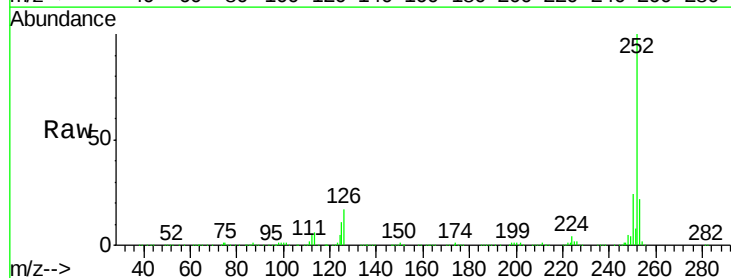
Delta R.T. 0.00 min

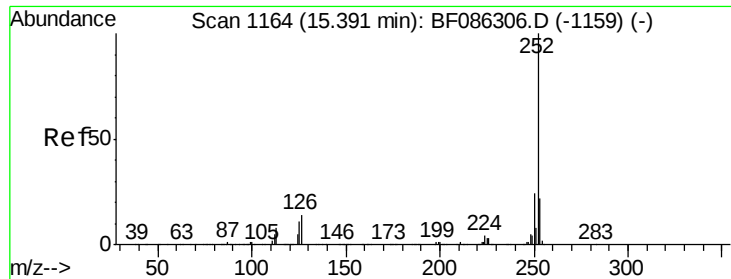
Lab File: BF086364.D

Acq: 23 Apr 2016 1:54

Tgt Ion:252 Resp: 2425828

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.5	9.1	13.7

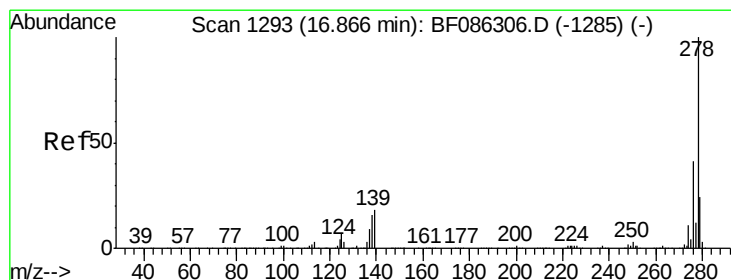
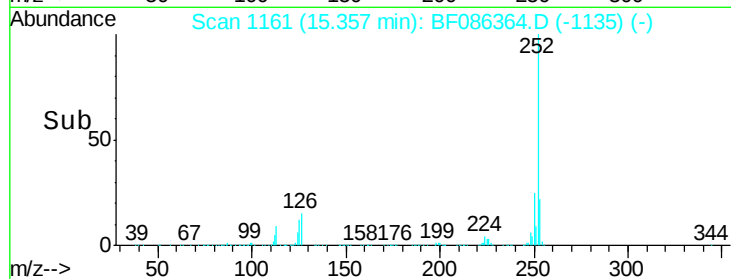
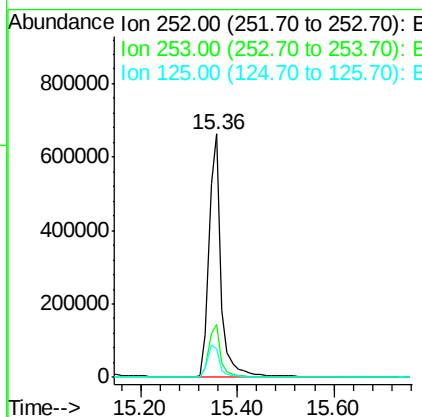
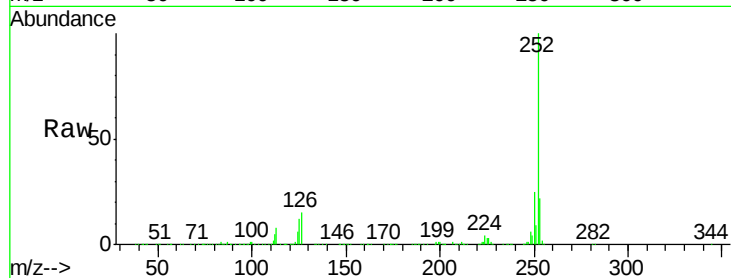




#89
Benzo(a)pyrene
Concen: 40.74 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

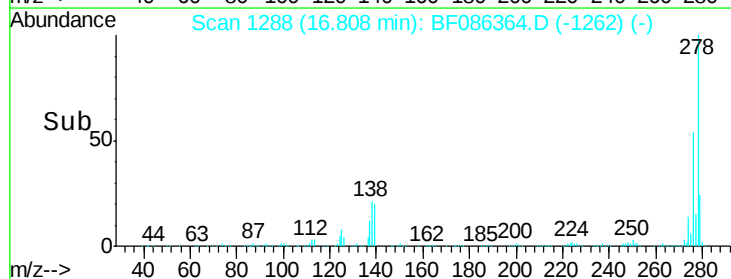
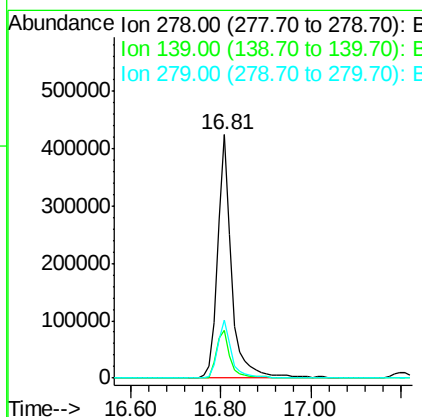
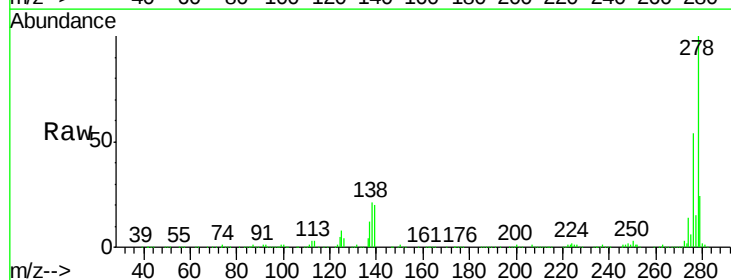
Instrument :
BNA_F
ClientSampleId :
PB90017BS

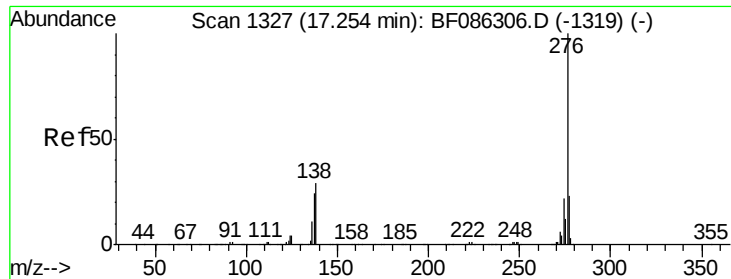
Tgt Ion:252 Resp: 1150047
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 11.6 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 39.23 ng
RT: 16.81 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF086364.D
Acq: 23 Apr 2016 1:54

Tgt Ion:278 Resp: 913530
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 23.7 19.6 29.4





#91
 Benzo(g,h,i)perylene
 Concen: 39.20 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: BF086364.D
 Acq: 23 Apr 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 PB90017BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.6	29.4
138	29.1	23.6	35.4

