

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086368.D
 Acq On : 23 Apr 2016 3:52
 Operator : UM/SJ
 Sample : PB89989BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Quant Time: Apr 23 05:27:16 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	176474	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	739045	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	369641	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	699516	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	539137	20.00	ng	0.00
86) Perylene-d12	15.41	264	510565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1174365	114.92	ng	0.02
7) Phenol-d6	6.48	99	1457353	104.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	932888	74.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	370150	110.62	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1650262	76.19	ng	0.00
78) Terphenyl-d14	12.94	244	1490879	68.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	169636	30.02	ng	94
3) Pyridine	3.22	79	426071	31.64	ng	94
4) n-Nitrosodimethylamine	3.15	42	173118	33.89	ng	90
6) Aniline	6.50	93	346509	20.44	ng	96
8) 2-Chlorophenol	6.62	128	469783	37.65	ng	99
9) Benzaldehyde	6.38	77	84982	10.07	ng	97
10) Phenol	6.49	94	608335	37.08	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	492276	34.47	ng	96
12) 1,3-Dichlorobenzene	6.78	146	487305	36.62	ng	96
13) 1,4-Dichlorobenzene	6.85	146	507595	34.73	ng	94
14) 1,2-Dichlorobenzene	7.01	146	479485	36.11	ng	95
15) Benzyl Alcohol	6.99	79	326432	39.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	636672	34.01	ng	99
17) 2-Methylphenol	7.10	107	384004	37.56	ng	98
18) Hexachloroethane	7.36	117	177035	35.96	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	279201	33.63	ng	# 85
20) 3+4-Methylphenols	7.25	107	430822	39.76	ng	97
22) Acetophenone	7.25	105	601630	38.80	ng	# 97
24) Nitrobenzene	7.42	77	479361	35.82	ng	94
25) Isophorone	7.66	82	860622	35.20	ng	97
26) 2-Nitrophenol	7.74	139	262463	39.70	ng	94
27) 2,4-Dimethylphenol	7.78	122	435139	38.43	ng	93
28) bis(2-Chloroethoxy)methane	7.88	93	563381	41.27	ng	99
29) 2,4-Dichlorophenol	7.98	162	402659	43.02	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	388687	38.23	ng	96
31) Naphthalene	8.14	128	1346465	35.76	ng	98
32) Benzoic acid	7.90	122	248415	34.32	ng	95
33) 4-Chloroaniline	8.20	127	135865	9.26	ng	98
34) Hexachlorobutadiene	8.27	225	197869	38.98	ng	98
35) Caprolactam	8.56	113	77529	23.09	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	448068	40.28	ng	98
37) 2-Methylnaphthalene	8.84	142	896628	41.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	327543	34.25	ng	99
40) Hexachlorocyclopentadiene	8.99	237	365286	78.20	ng	96

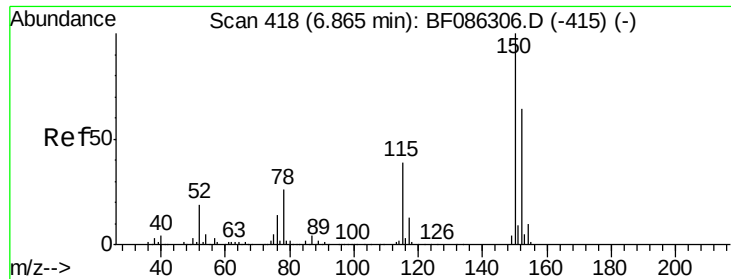
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086368.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	250115	39.89	ng	97
43) 2,4,5-Trichlorophenol	9.16	196	286079	37.05	ng	98
45) 1,1'-Biphenyl	9.30	154	1051767	36.68	ng	97
46) 2-Chloronaphthalene	9.32	162	815053	35.91	ng	92
47) 2-Nitroaniline	9.42	65	280726	39.72	ng	93
48) Acenaphthylene	9.74	152	1400853	38.06	ng	99
49) Dimethylphthalate	9.61	163	1018115	38.13	ng	100
50) 2,6-Dinitrotoluene	9.66	165	227989	39.53	ng	93
51) Acenaphthene	9.92	154	942026	41.67	ng	99
52) 3-Nitroaniline	9.84	138	132876	18.40	ng	94
53) 2,4-Dinitrophenol	9.94	184	244909	81.67	ng	91
54) Dibenzofuran	10.09	168	1193067	41.09	ng	99
55) 4-Nitrophenol	10.00	139	388382	76.86	ng	86
56) 2,4-Dinitrotoluene	10.06	165	301324	39.34	ng	97
57) Fluorene	10.43	166	901793	37.90	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	248871	44.10	ng	95
59) Diethylphthalate	10.30	149	926479	36.23	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	375471	36.09	ng	97
61) 4-Nitroaniline	10.45	138	277720	37.57	ng	97
62) Azobenzene	10.58	77	1069747	40.34	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	164645	38.52	ng	96
65) n-Nitrosodiphenylamine	10.54	169	821839	38.10	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	263303	38.44	ng	92
67) Hexachlorobenzene	10.97	284	263483	36.05	ng	# 60
68) Atrazine	11.07	200	267967	40.24	ng	98
69) Pentachlorophenol	11.16	266	319093	74.36	ng	95
70) Phenanthrene	11.39	178	1336243	38.02	ng	100
71) Anthracene	11.44	178	1432164	35.56	ng	99
72) Carbazole	11.60	167	1474861	38.99	ng	100
73) Di-n-butylphthalate	11.93	149	1546860	38.87	ng	100
74) Fluoranthene	12.57	202	1409784	37.19	ng	98
76) Benzidine	12.69	184	450304	20.37	ng	97
77) Pyrene	12.80	202	1405088	37.37	ng	100
79) Butylbenzylphthalate	13.43	149	703591	40.17	ng	95
80) Benzo(a)anthracene	13.99	228	1023742	36.58	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	166667	8.63	ng	# 97
82) Chrysene	14.02	228	1245986	39.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	760024	38.75	ng	100
84) Di-n-octyl phthalate	14.59	149	1496811	39.75	ng	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	1022543	36.48	ng	100
87) Benzo(b)fluoranthene	15.04	252	2258499	80.59	ng	# 96
88) Benzo(k)fluoranthene	15.04	252	2260460	82.18	ng	99
89) Benzo(a)pyrene	15.36	252	1066124	38.56	ng	99
90) Dibenzo(a,h)anthracene	16.81	278	842341	36.93	ng	97
91) Benzo(g,h,i)perylene	17.20	276	864006	36.70	ng	98

(#) = 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: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

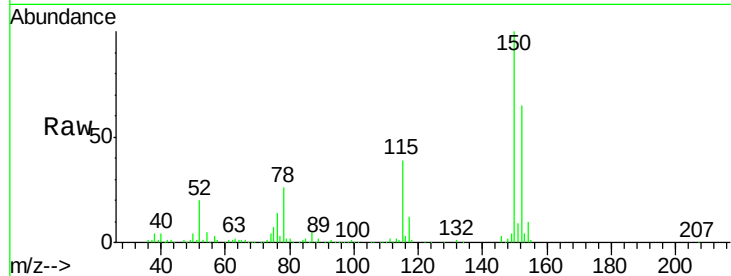
Tgt Ion:152 Resp: 176474

Ion Ratio Lower Upper

152 100

150 155.0 125.8 188.6

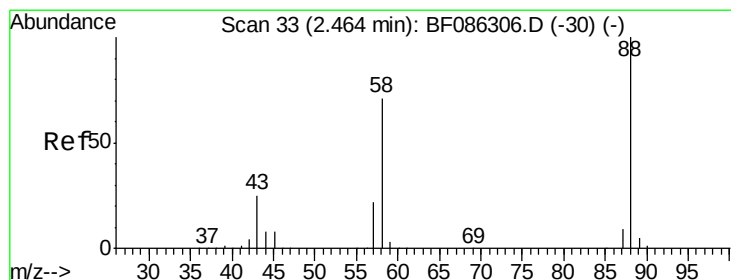
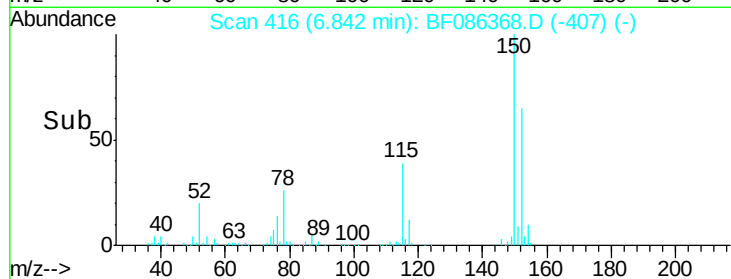
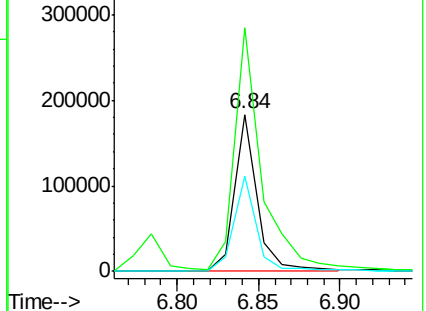
115 60.5 51.5 77.3



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: 30.02 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.09 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

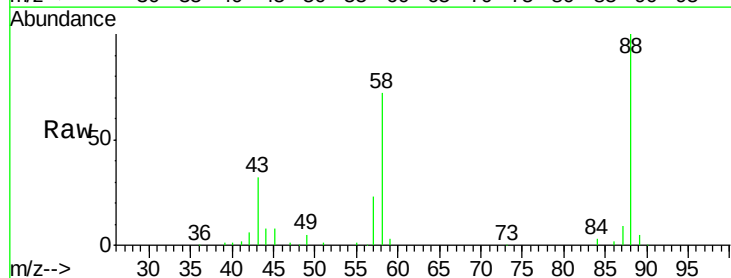
Tgt Ion: 88 Resp: 169636

Ion Ratio Lower Upper

88 100

58 68.2 59.6 89.4

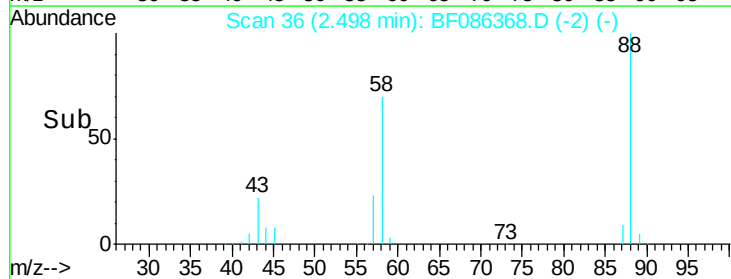
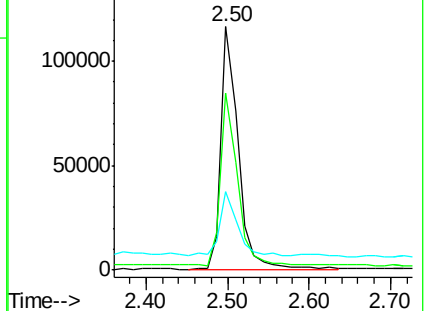
43 26.9 21.8 32.6

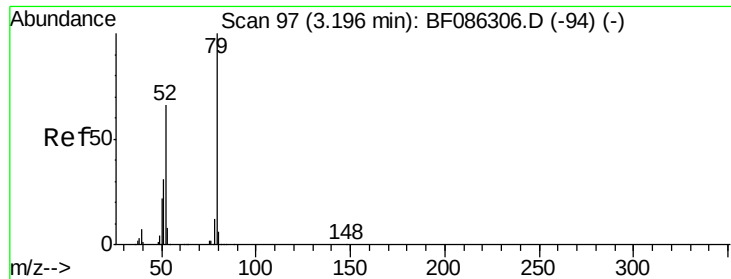


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.64 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.09 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

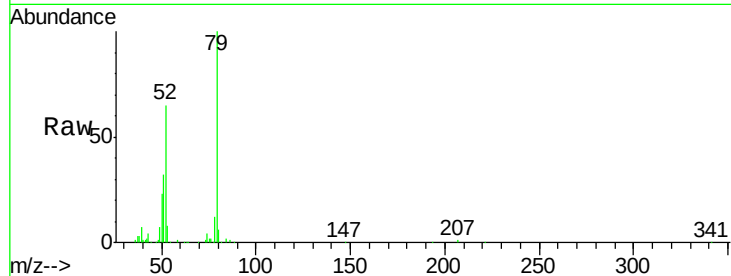
Tgt Ion: 79 Resp: 426071

Ion Ratio Lower Upper

79 100

52 64.9 55.9 83.9

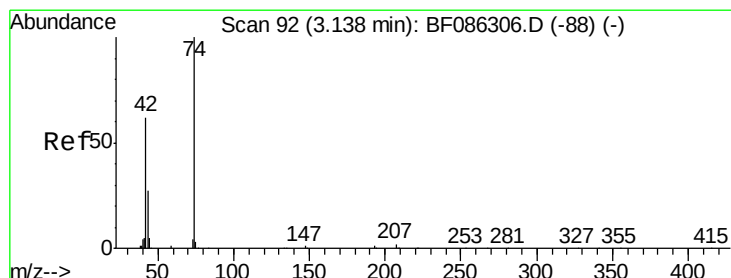
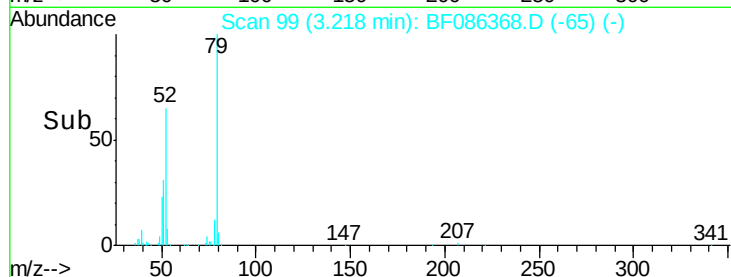
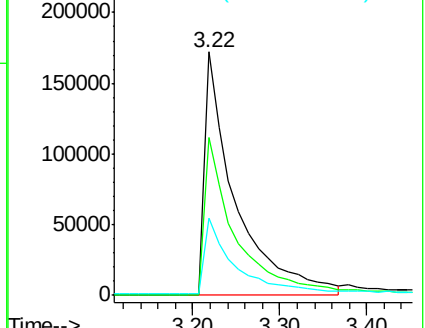
51 31.9 28.1 42.1



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: 33.89 ng

RT: 3.15 min Scan# 93

Delta R.T. 0.08 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

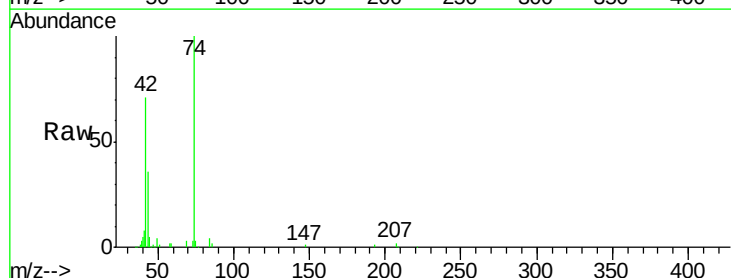
Tgt Ion: 42 Resp: 173118

Ion Ratio Lower Upper

42 100

74 140.4 123.4 185.0

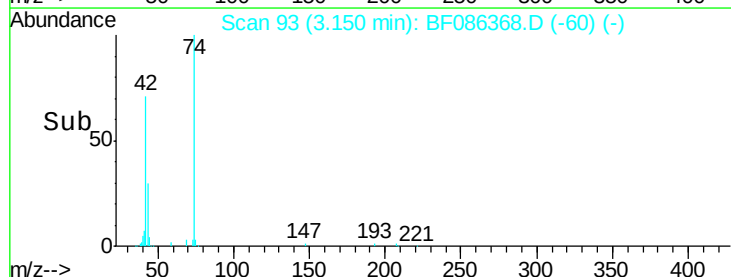
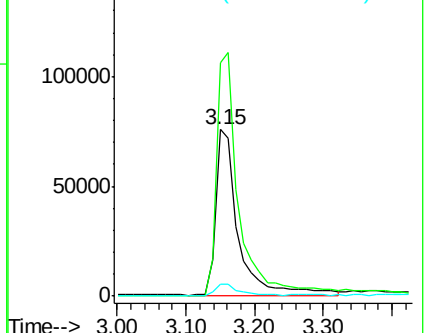
44 7.0 5.8 8.6

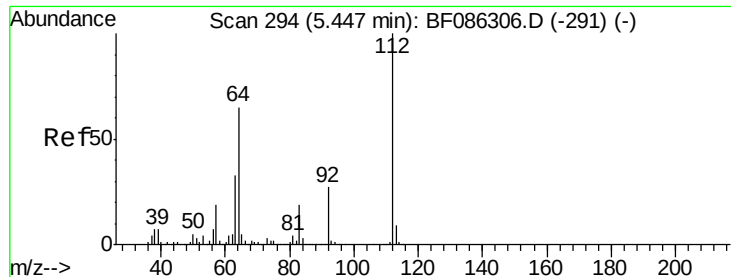


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.92 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

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PB89989BS

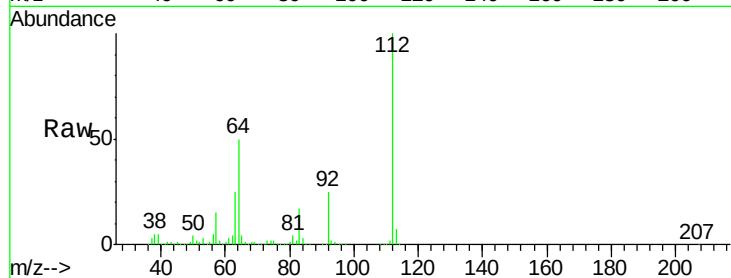
Tgt Ion: 112 Resp: 1174365

Ion Ratio Lower Upper

112 100

64 50.3 52.1 78.1#

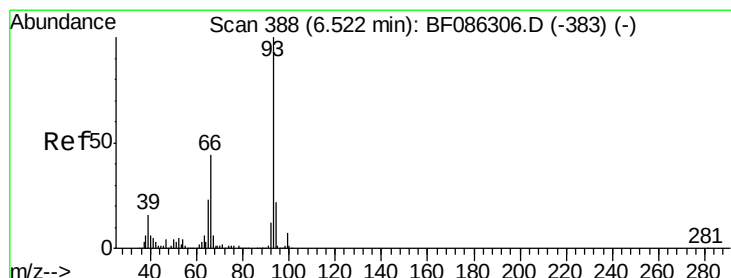
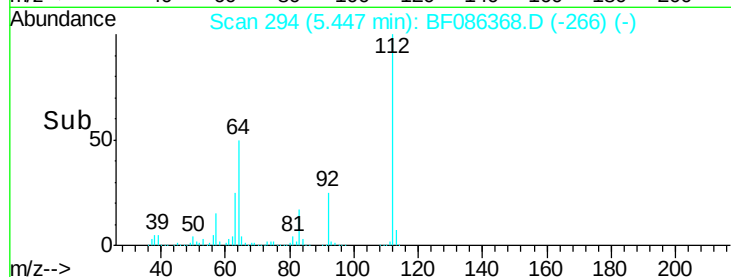
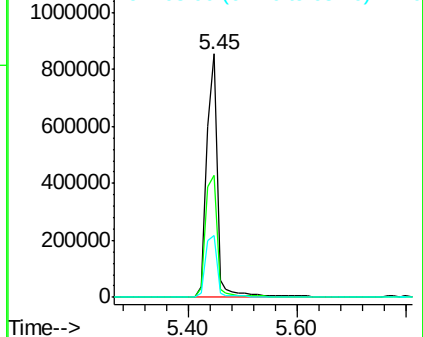
63 25.3 25.7 38.5#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.44 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

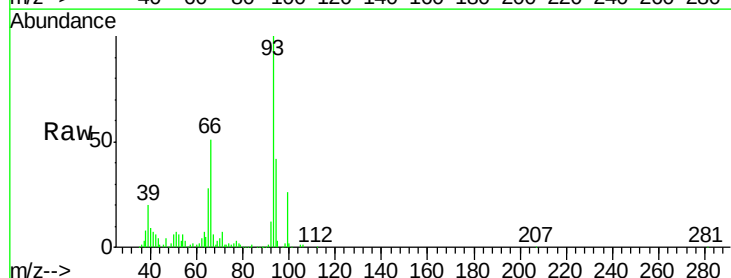
Tgt Ion: 93 Resp: 346509

Ion Ratio Lower Upper

93 100

66 50.8 39.0 58.6

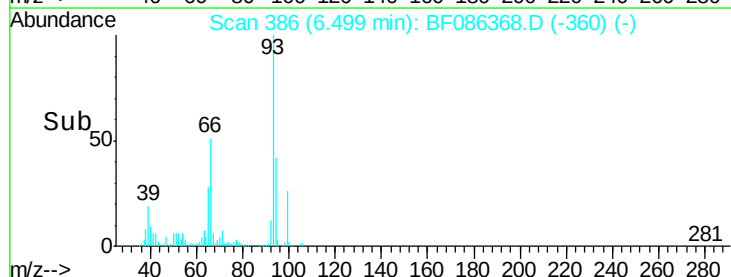
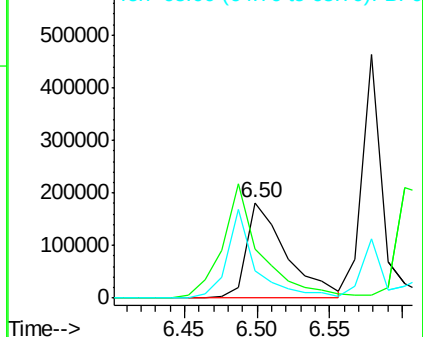
65 28.2 20.6 31.0

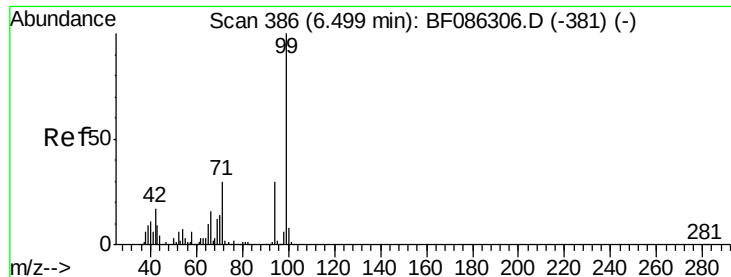


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.90 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

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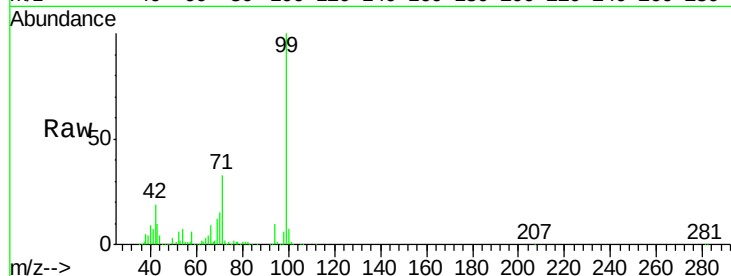
Tgt Ion: 99 Resp: 1457353

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

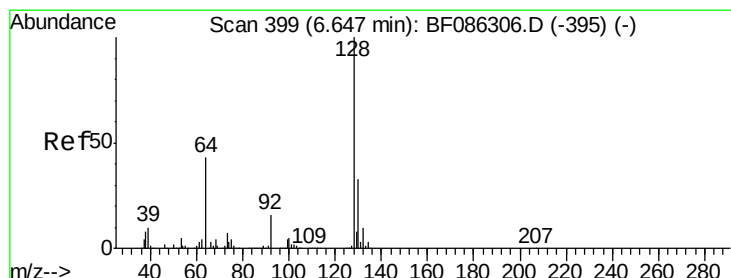
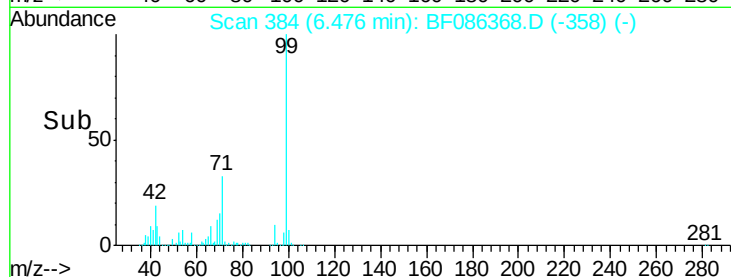
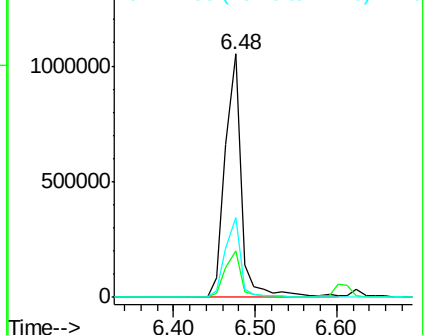
71 32.7 24.6 36.8



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: 37.65 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

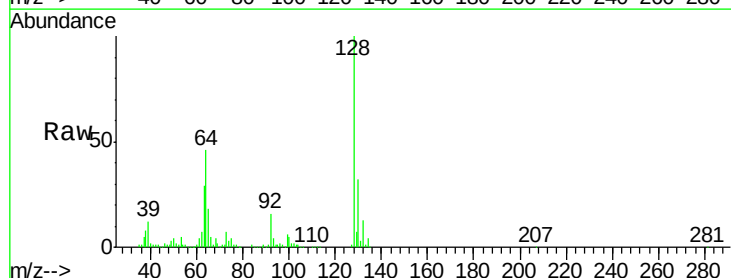
Tgt Ion: 128 Resp: 469783

Ion Ratio Lower Upper

128 100

130 32.4 12.5 52.5

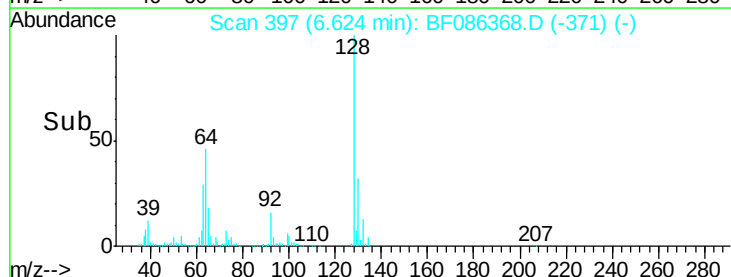
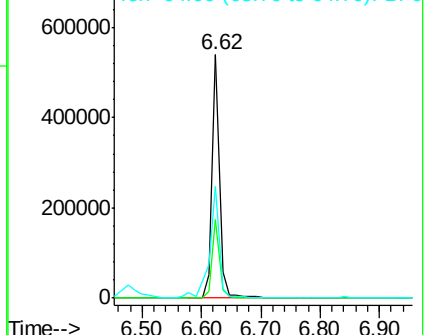
64 45.9 27.3 67.3

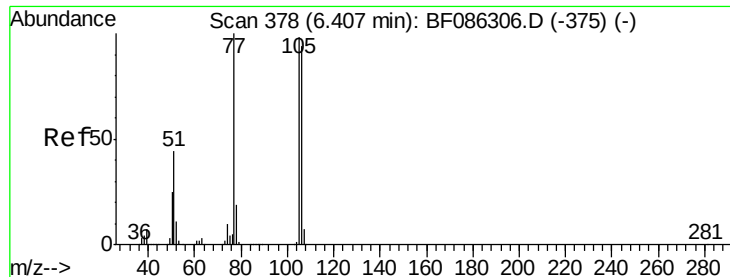


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.07 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

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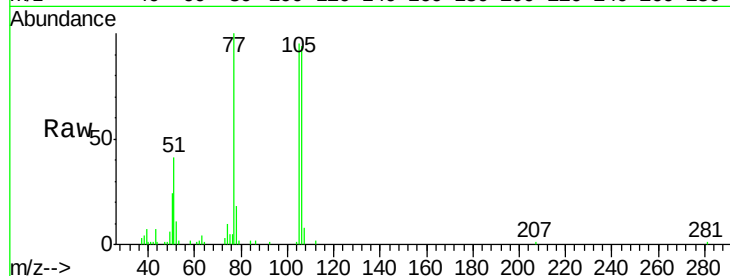
Tgt Ion: 77 Resp: 84982

Ion Ratio Lower Upper

77 100

105 94.6 72.7 112.7

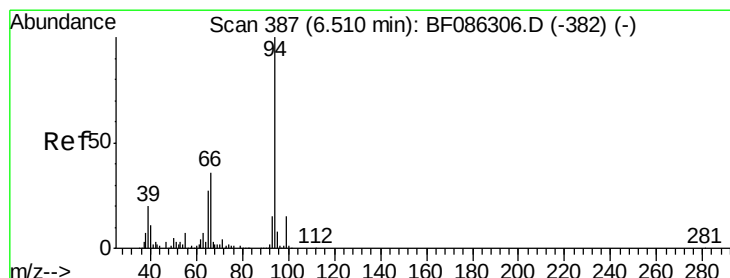
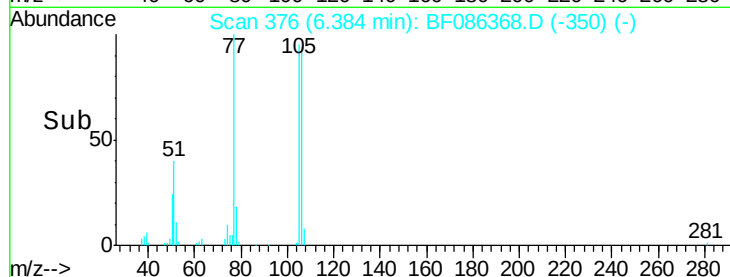
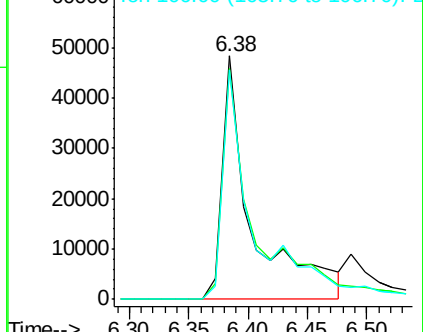
106 94.4 70.8 110.8



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: 37.08 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

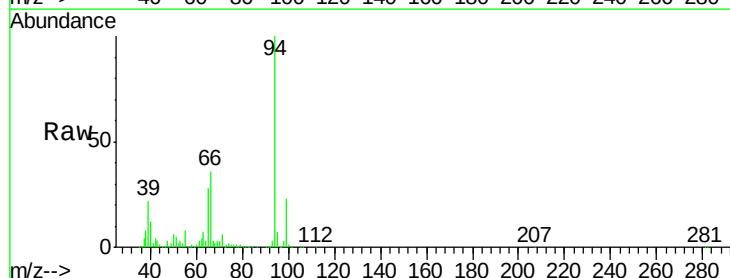
Tgt Ion: 94 Resp: 608335

Ion Ratio Lower Upper

94 100

65 27.8 7.2 47.2

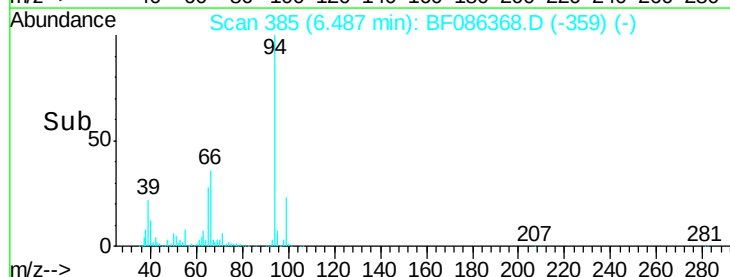
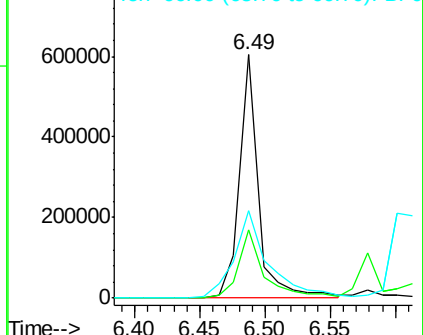
66 36.0 14.9 54.9

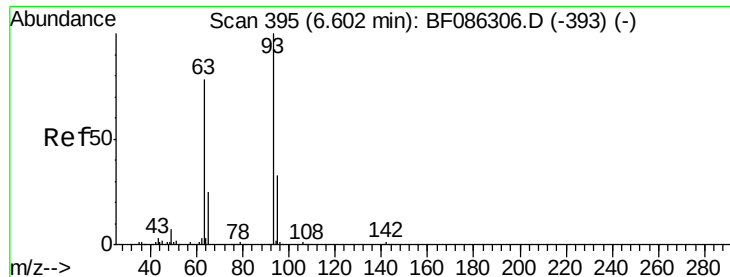


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

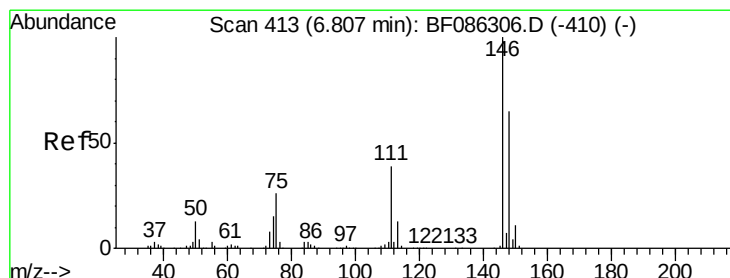
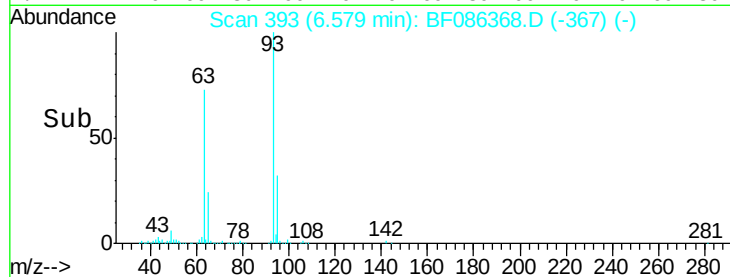
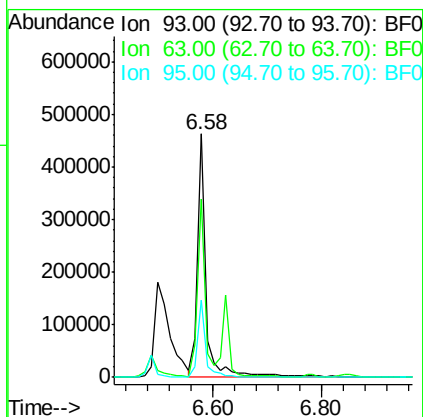
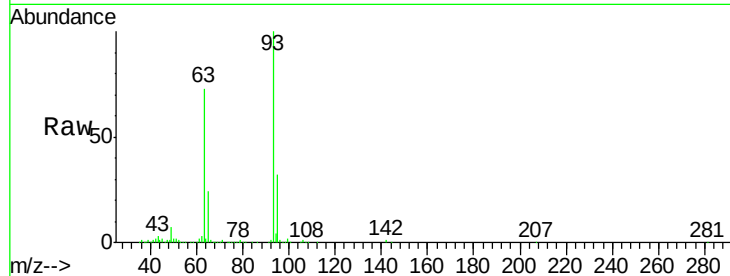




#11
bis(2-Chloroethyl)ether
Concen: 34.47 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

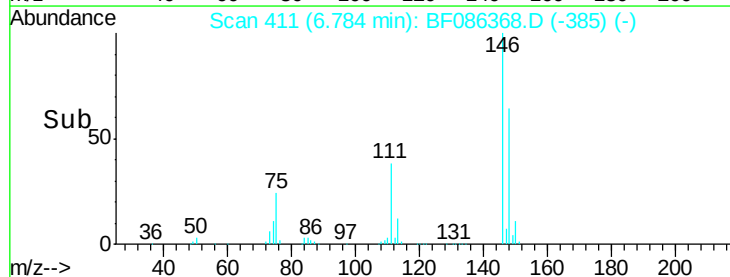
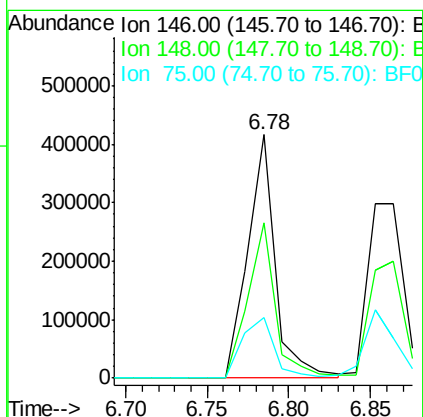
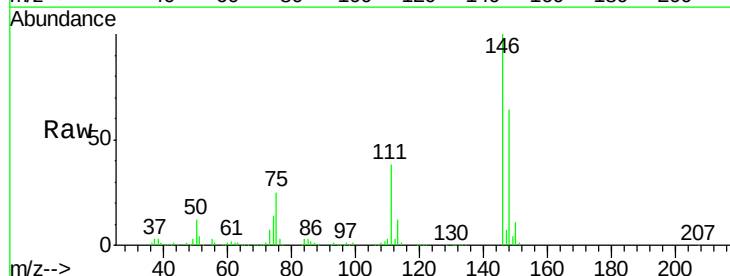
Instrument :
BNA_F
ClientSampleId :
PB89989BS

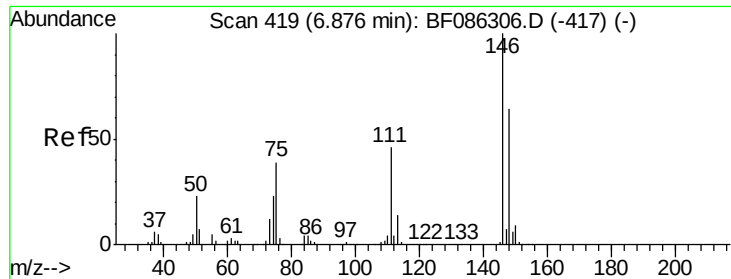
Tgt Ion: 93 Resp: 492276
Ion Ratio Lower Upper
93 100
63 73.2 58.0 98.0
95 31.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.62 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion: 146 Resp: 487305
Ion Ratio Lower Upper
146 100
148 63.5 52.4 78.6
75 25.1 22.8 34.2

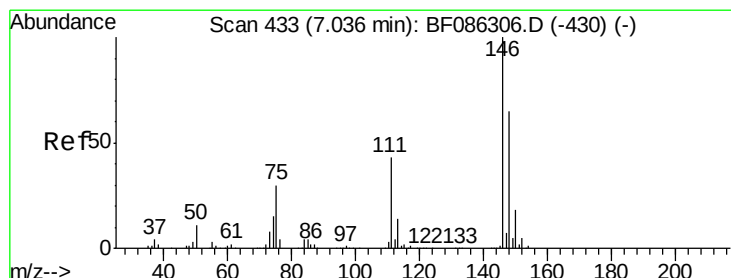
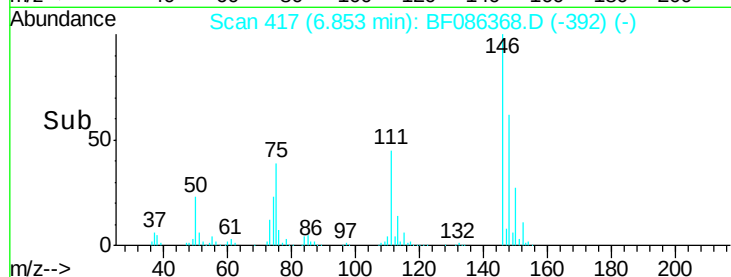
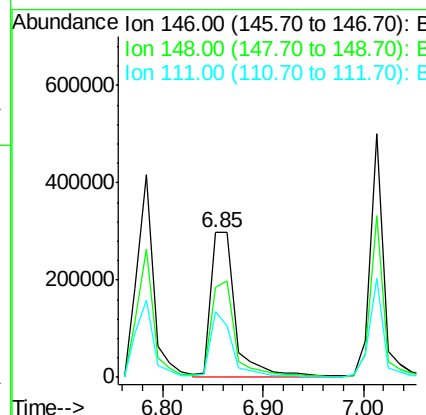
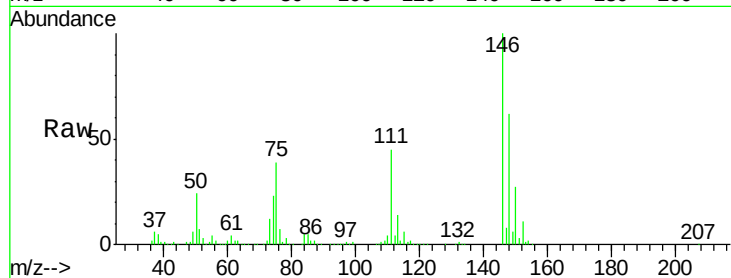




#13
 1,4-Dichlorobenzene
 Concen: 34.73 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

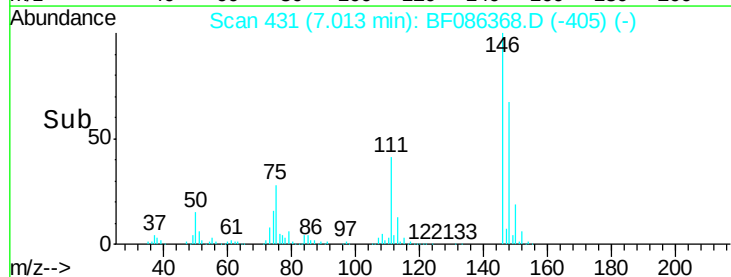
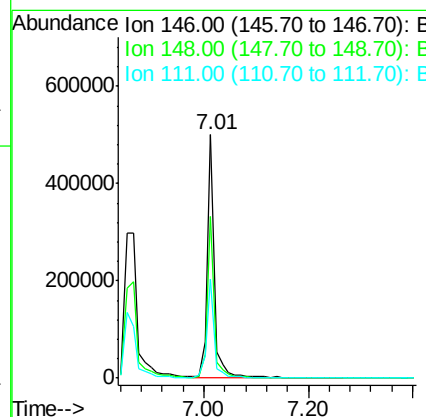
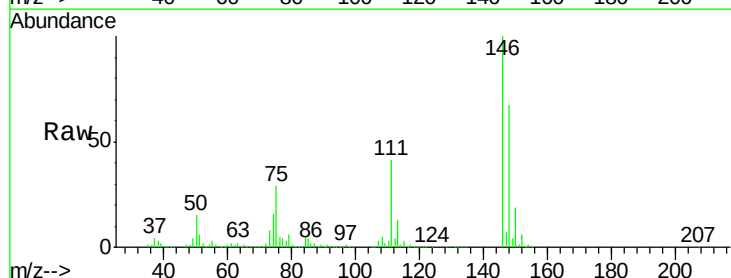
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

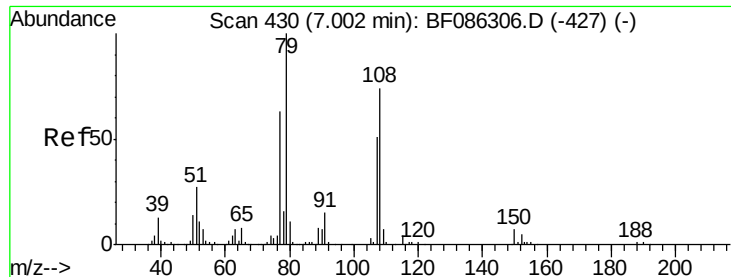
Tgt Ion:146 Resp: 507595
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.2 78.4
 111 45.0 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 36.11 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:146 Resp: 479485
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.0 76.6
 111 40.9 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.59 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

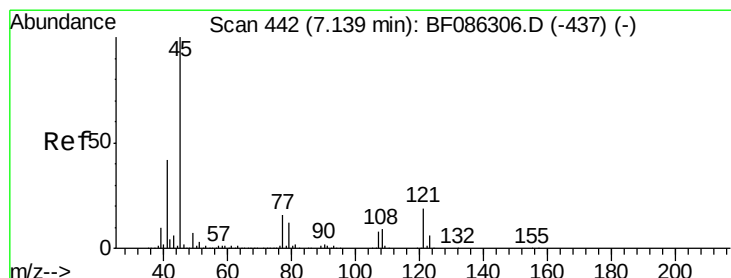
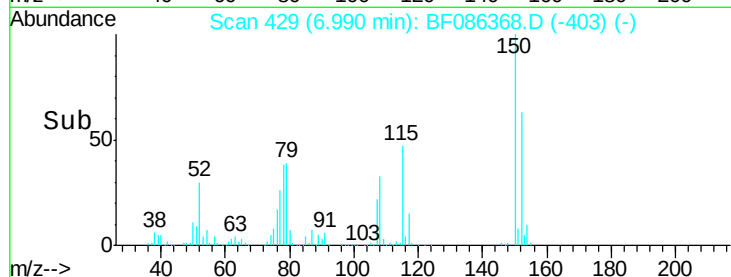
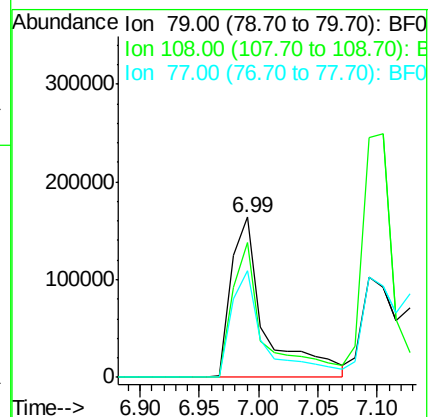
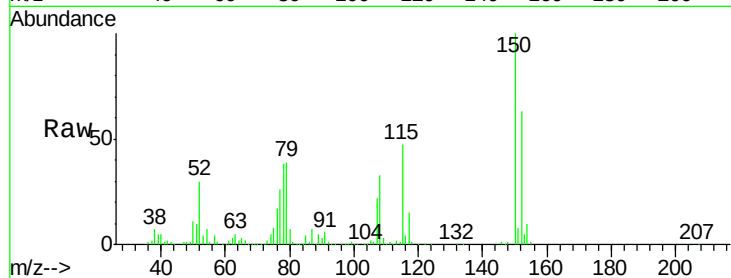
Tgt Ion: 79 Resp: 326432

Ion Ratio Lower Upper

79 100

108 84.6 68.4 102.6

77 66.3 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.01 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

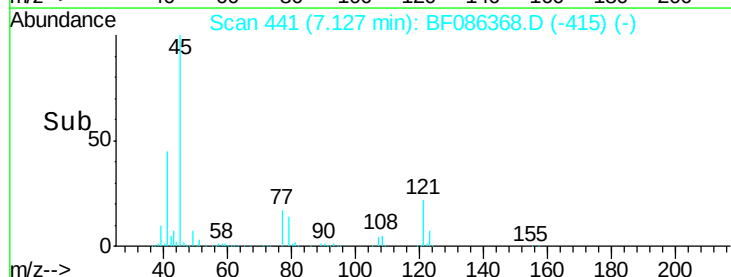
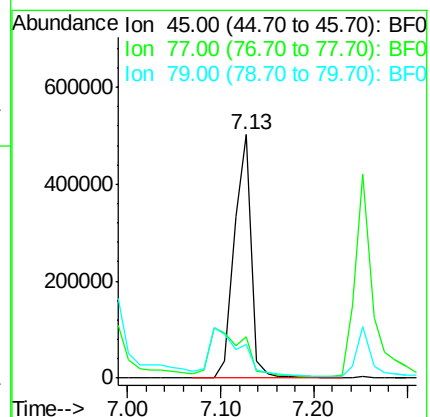
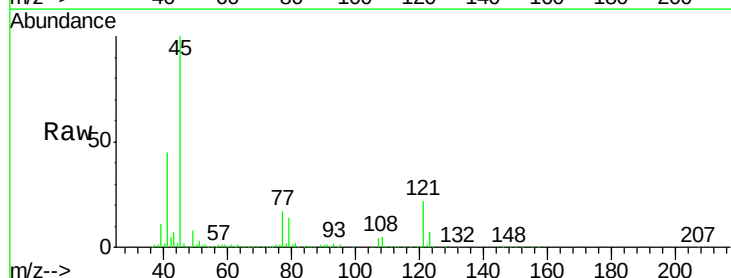
Tgt Ion: 45 Resp: 636672

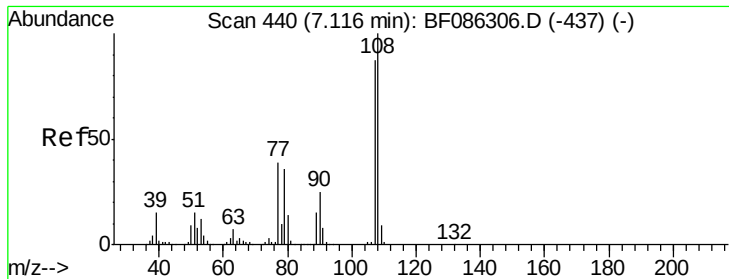
Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.4

79 14.0 0.0 33.4





#17

2-Methylphenol

Concen: 37.56 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

Tgt Ion:107 Resp: 384004

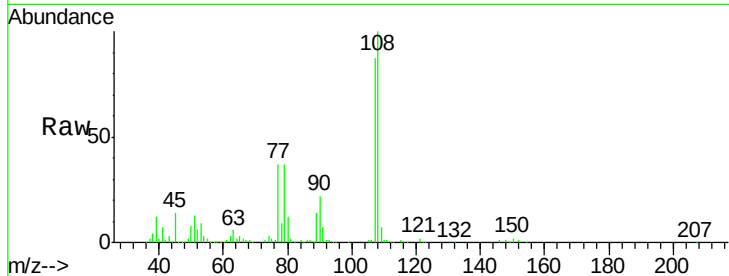
Ion Ratio Lower Upper

107 100

108 114.5 93.7 140.5

77 42.6 33.4 50.0

79 42.2 34.3 51.5

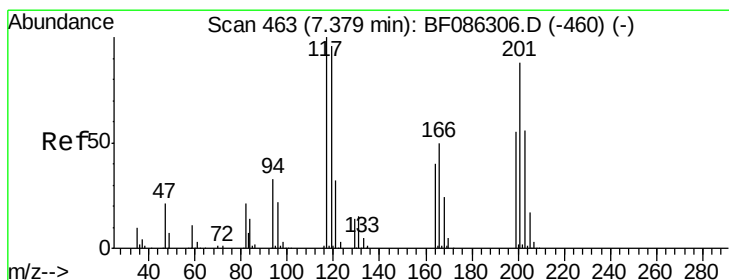
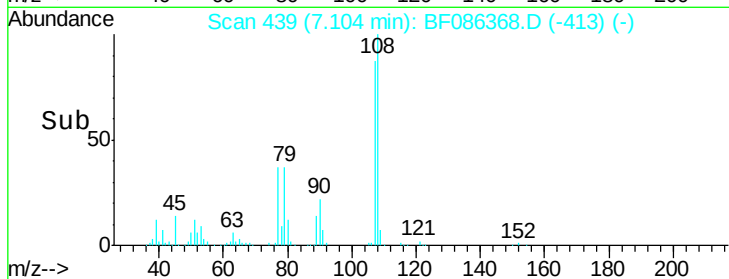
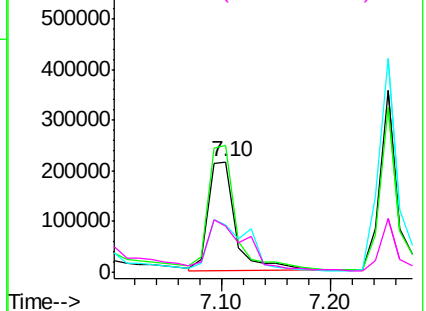


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.96 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

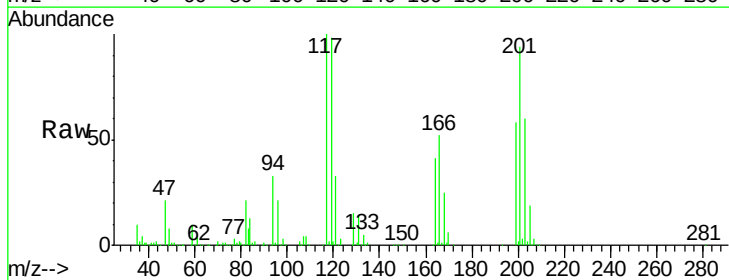
Tgt Ion:117 Resp: 177035

Ion Ratio Lower Upper

117 100

119 98.2 76.5 114.7

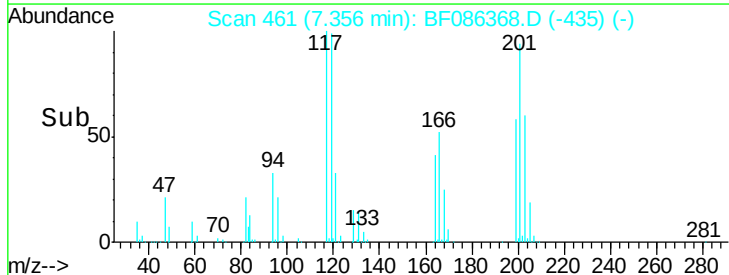
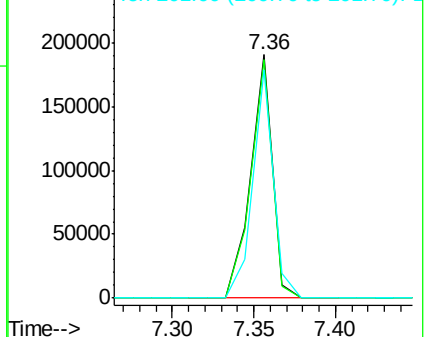
201 93.8 63.0 94.6

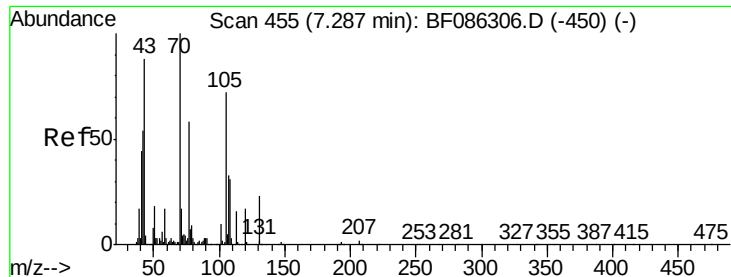


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

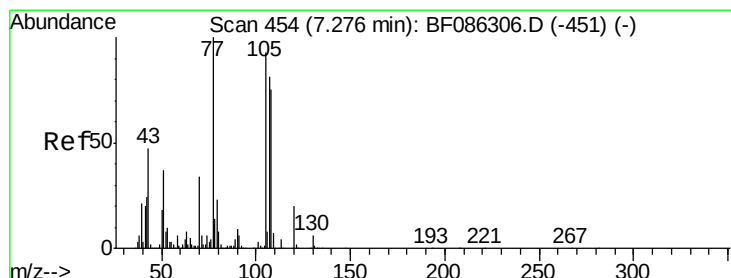
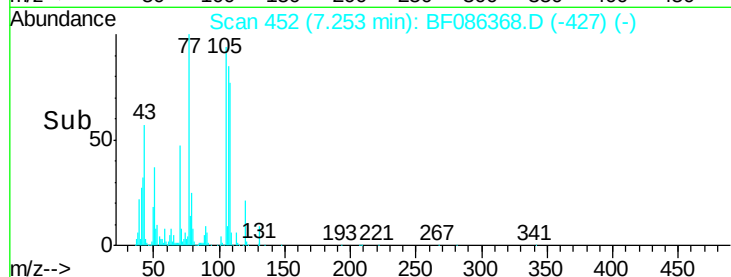
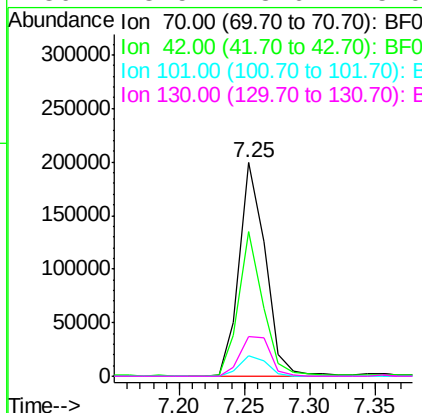
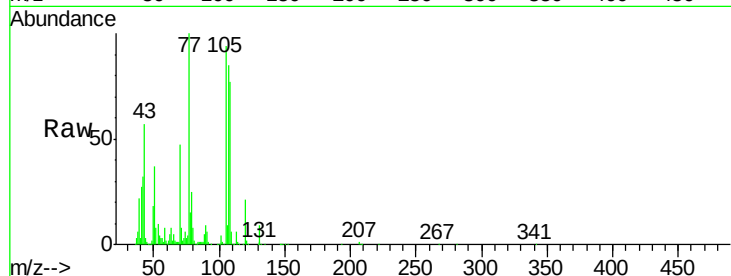




#19
n-Nitroso-di-n-propylamine
Concen: 33.63 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

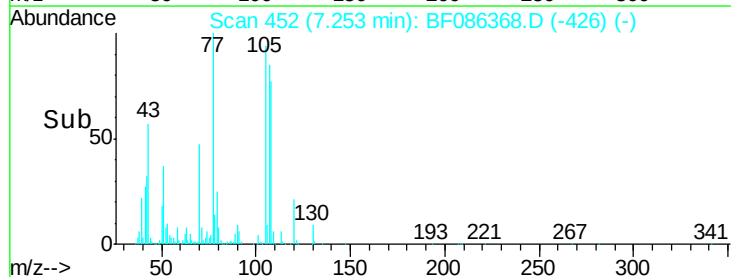
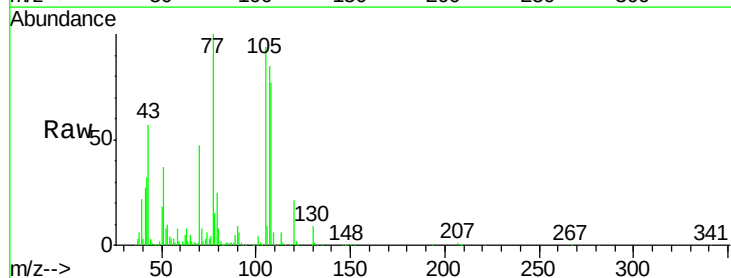
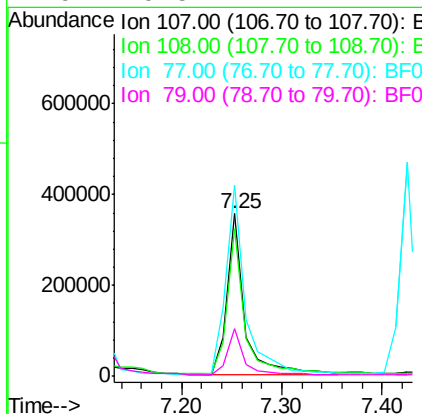
Instrument :
BNA_F
ClientSampleId :
PB89989BS

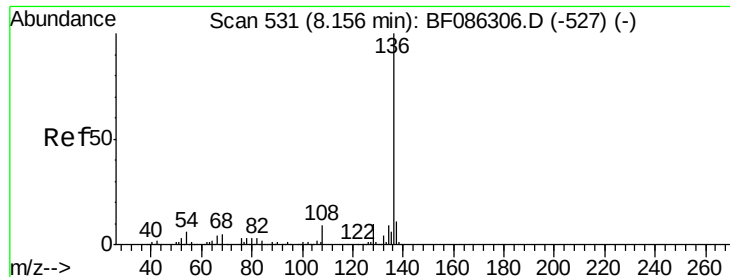
Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.8	43.1	64.7#
101	9.3	8.1	12.1
130	18.5	18.6	28.0#



#20
3+4-Methylphenols
Concen: 39.76 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	68.5	108.5
77	117.7	101.6	141.6
79	29.5	7.4	47.4

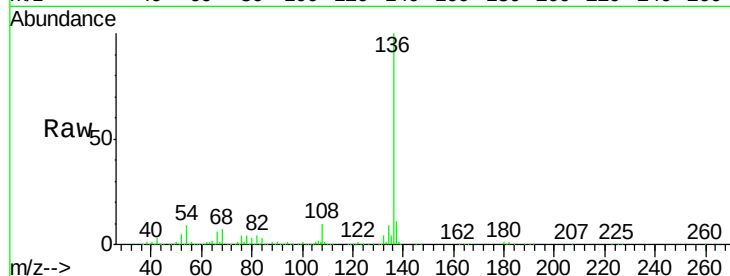




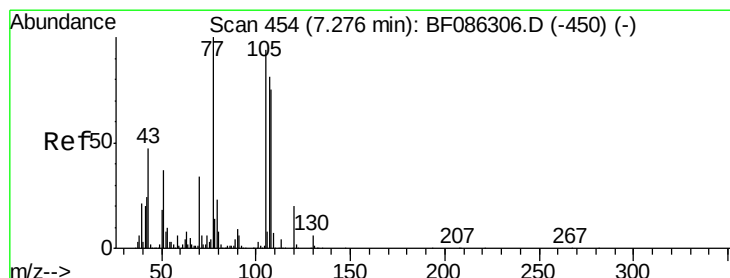
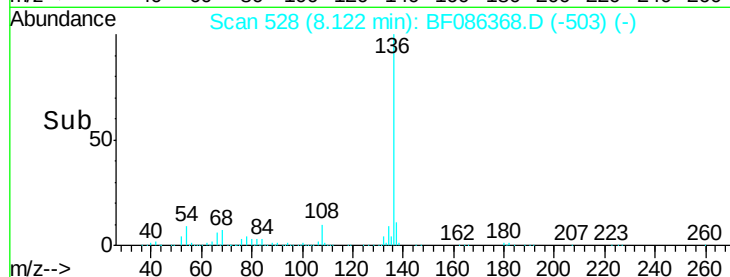
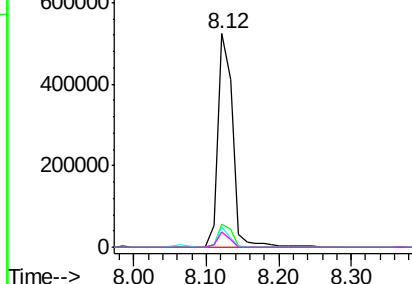
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tgt Ion:	136	Resp:	739045
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.3	5.0	7.4#
68	7.4	4.4	6.6#

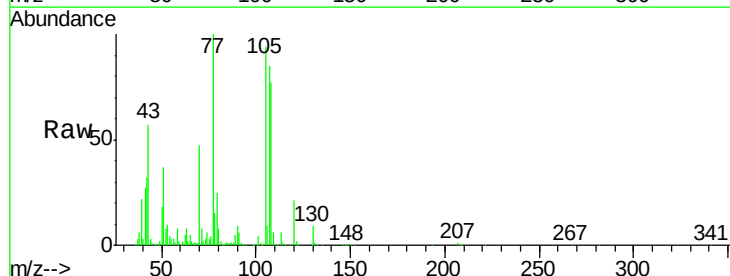


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

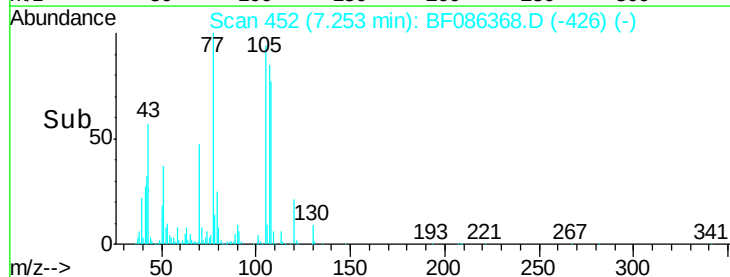
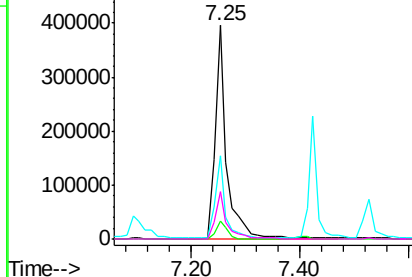


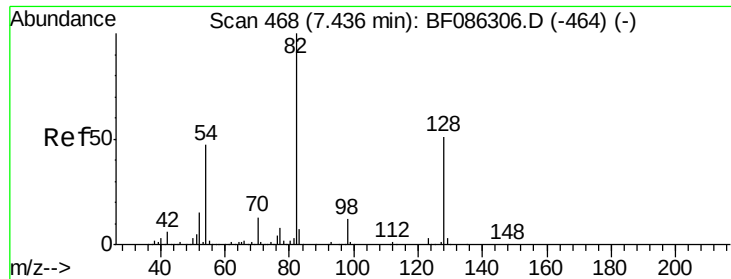
#22
Acetophenone
Concen: 38.80 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:	105	Resp:	601630
Ion	Ratio	Lower	Upper
105	100		
71	8.4	4.8	7.2#
51	39.2	32.6	49.0
120	22.0	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

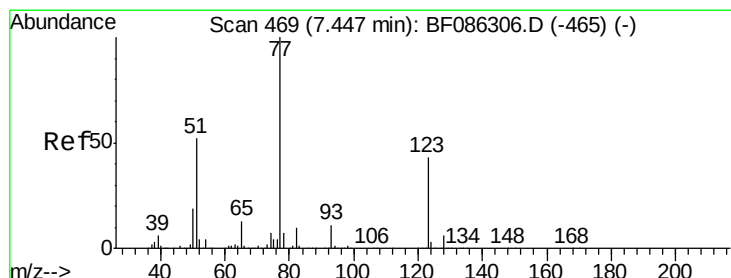
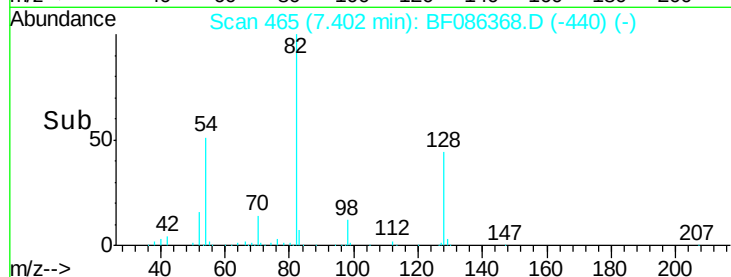
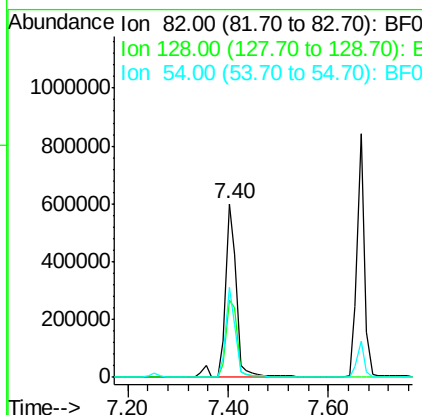
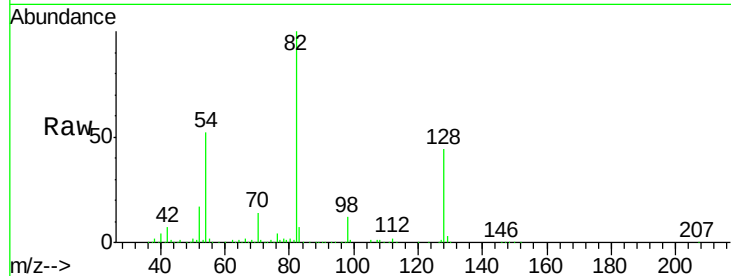




#23
 Nitrobenzene-d5
 Concen: 74.78 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

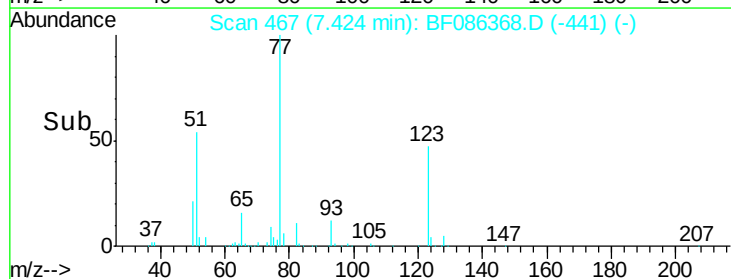
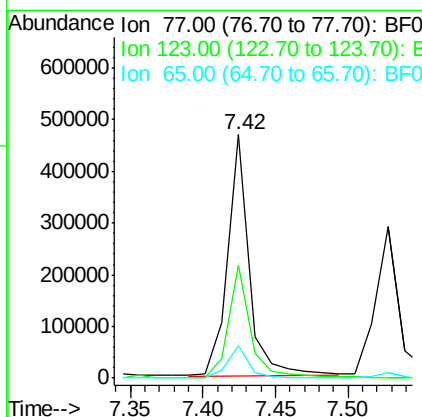
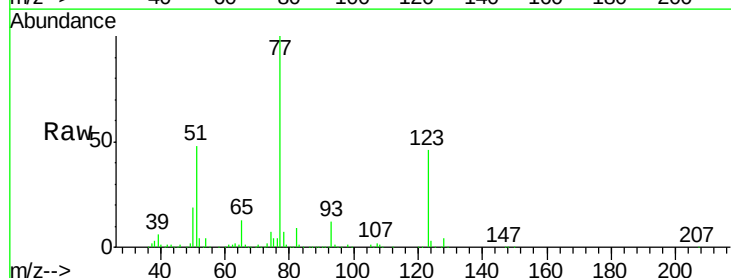
Instrument :
 BNA_F
 ClientSampled :
 PB89989BS

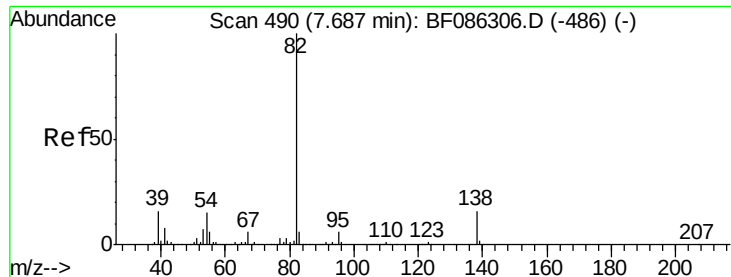
Tgt Ion: 82 Resp: 932888
 Ion Ratio Lower Upper
 82 100
 128 44.2 40.6 61.0
 54 51.6 38.1 57.1



#24
 Nitrobenzene
 Concen: 35.82 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion: 77 Resp: 479361
 Ion Ratio Lower Upper
 77 100
 123 46.4 33.0 49.4
 65 13.3 10.8 16.2





#25

Isophorone

Concen: 35.20 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

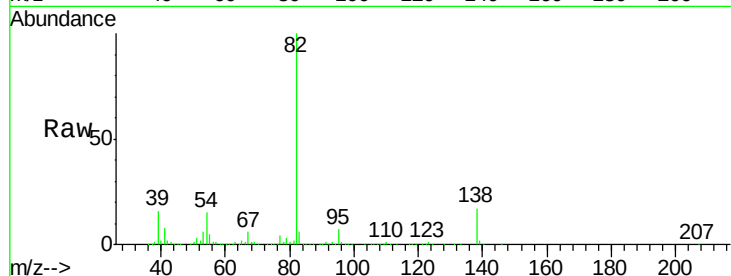
Tgt Ion: 82 Resp: 860622

Ion Ratio Lower Upper

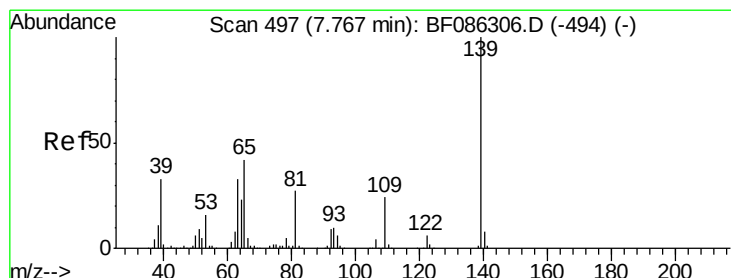
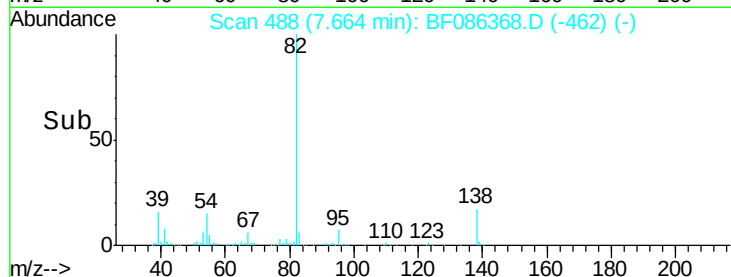
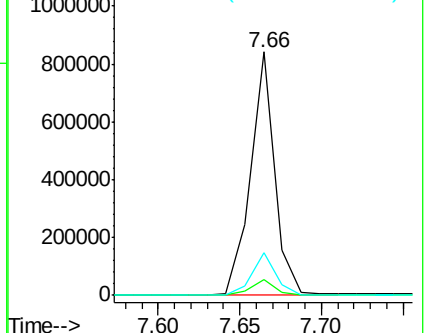
82 100

95 6.6 5.1 7.7

138 17.3 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: 39.70 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

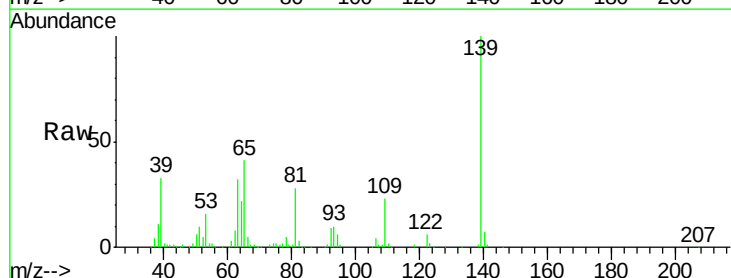
Tgt Ion: 139 Resp: 262463

Ion Ratio Lower Upper

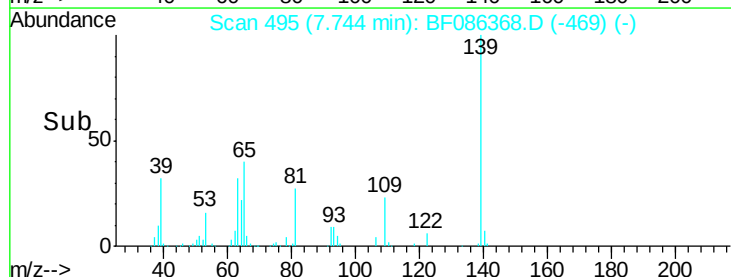
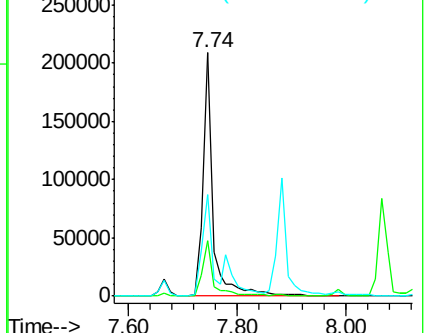
139 100

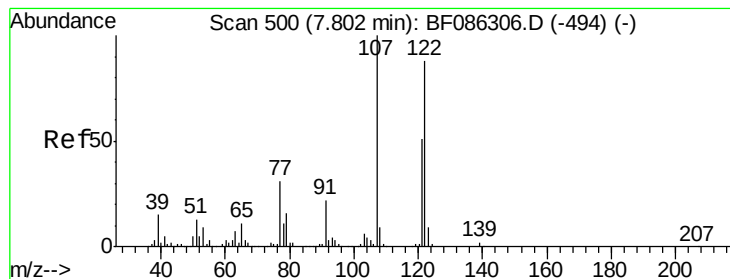
109 22.8 19.5 29.3

65 41.5 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: 38.43 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

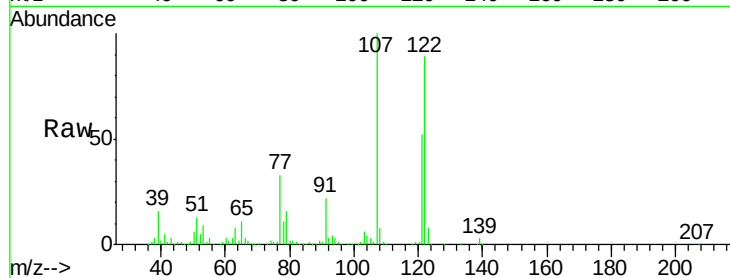
Tgt Ion:122 Resp: 435139

Ion Ratio Lower Upper

122 100

107 112.5 82.0 123.0

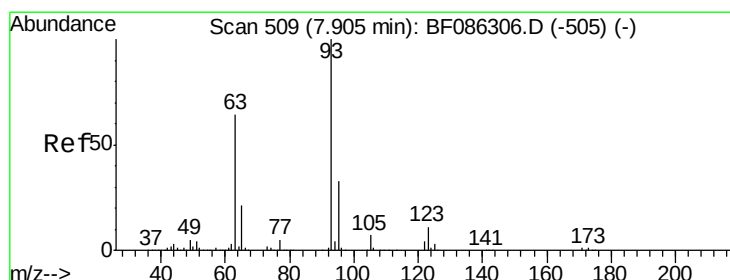
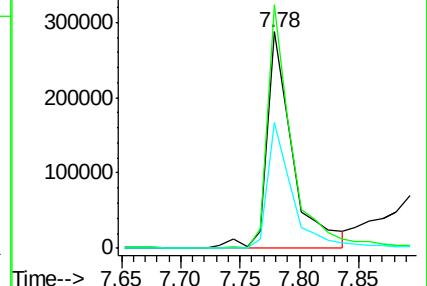
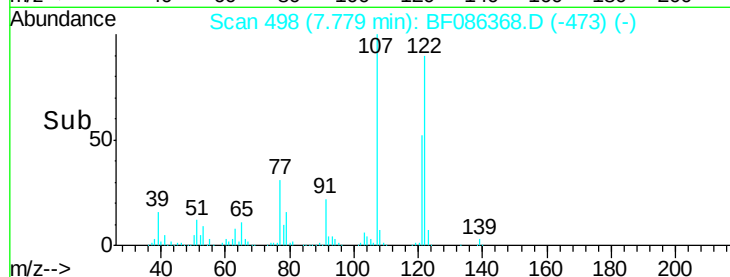
121 58.2 46.1 69.1



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: 41.27 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

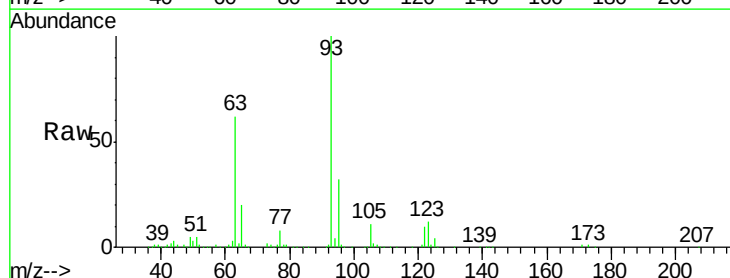
Tgt Ion: 93 Resp: 563381

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

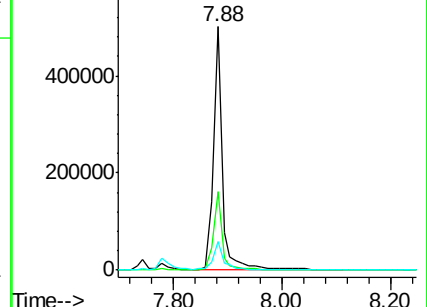
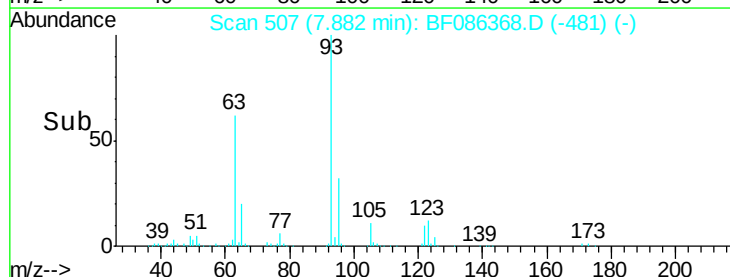
123 11.9 9.5 14.3

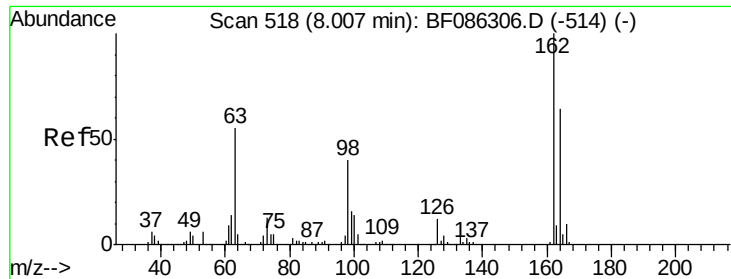


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

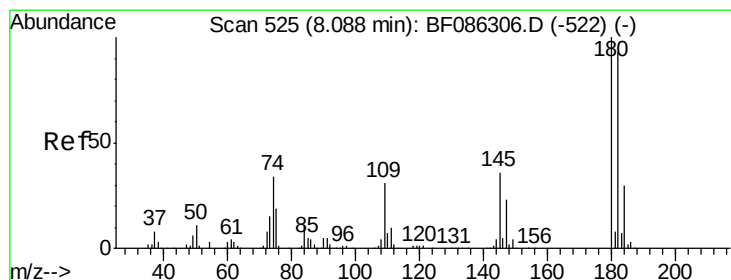
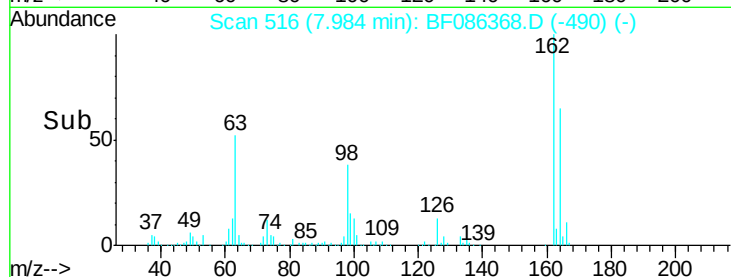
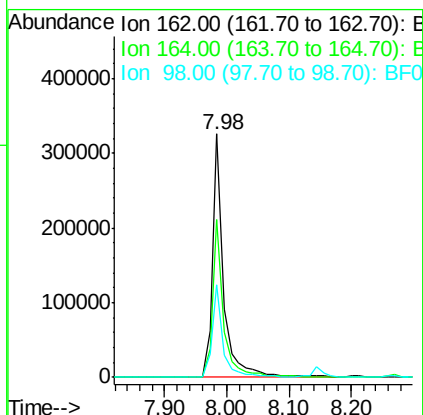
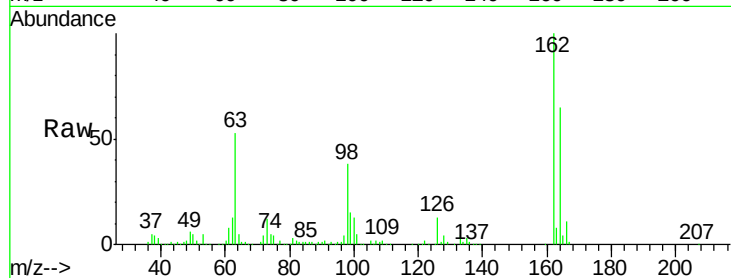




#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

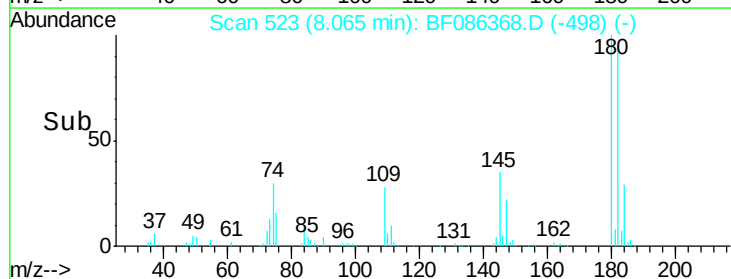
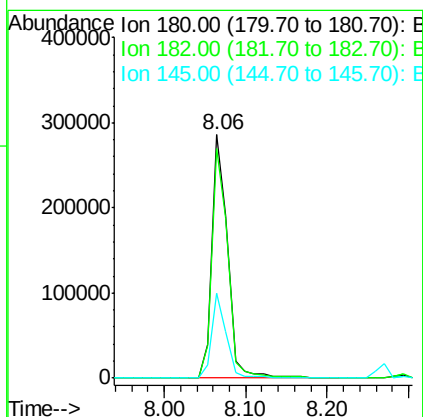
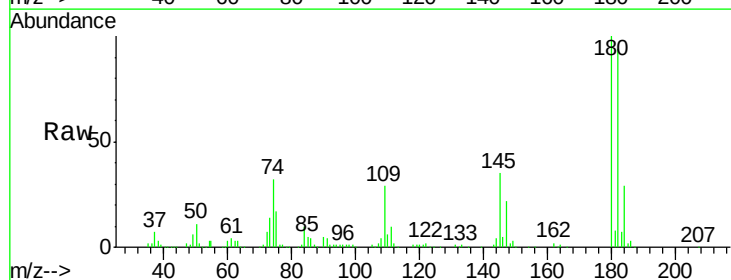
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

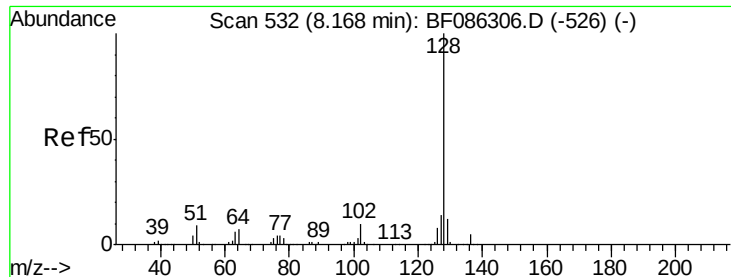
Tgt Ion:162 Resp: 402659
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.2 82.2
 98 37.9 19.0 59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.23 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:180 Resp: 388687
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.0 117.0
 145 34.7 24.2 36.2

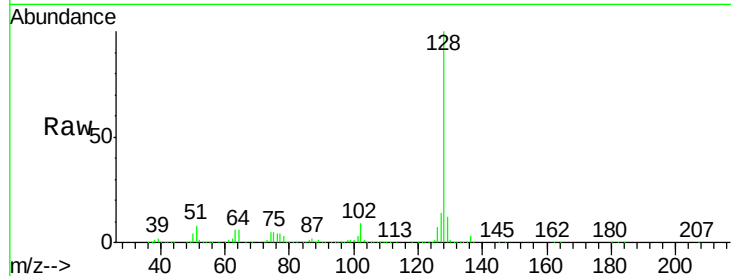




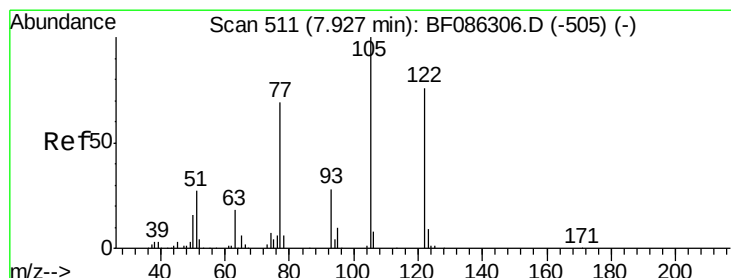
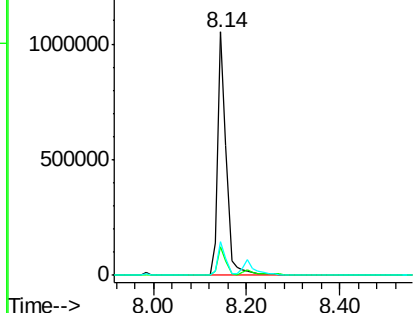
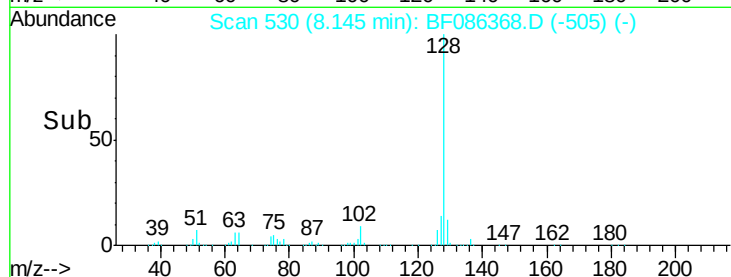
#31
Naphthalene
Concen: 35.76 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tgt Ion:128 Resp: 1346465
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 14.0 10.8 16.2

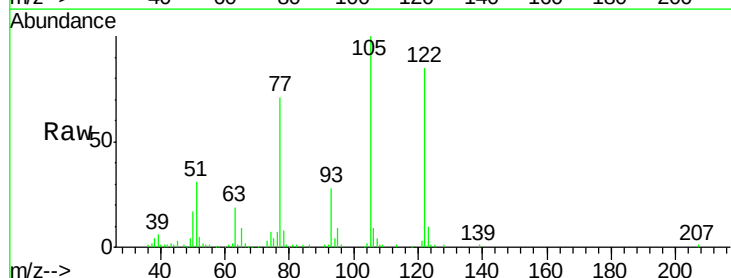


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

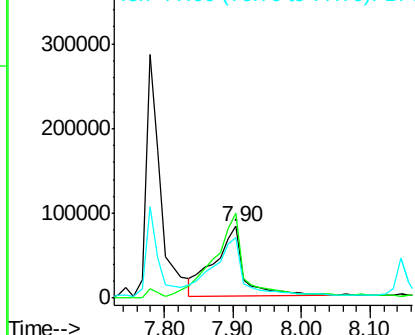
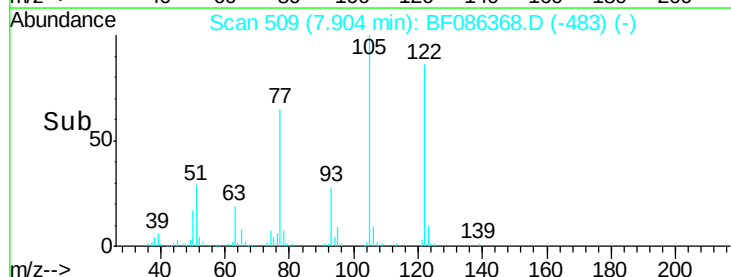


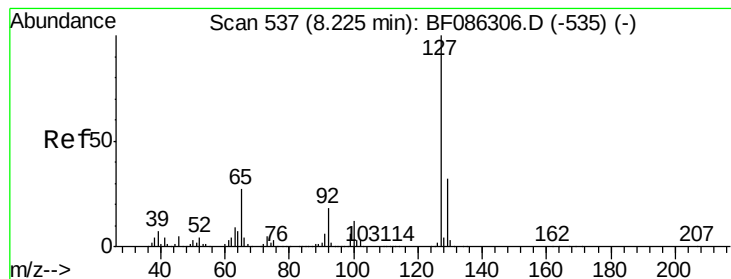
#32
Benzoic acid
Concen: 34.32 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:122 Resp: 248415
Ion Ratio Lower Upper
122 100
105 118.2 92.6 132.6
77 84.3 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: 9.26 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

Tgt Ion:127 Resp: 135865

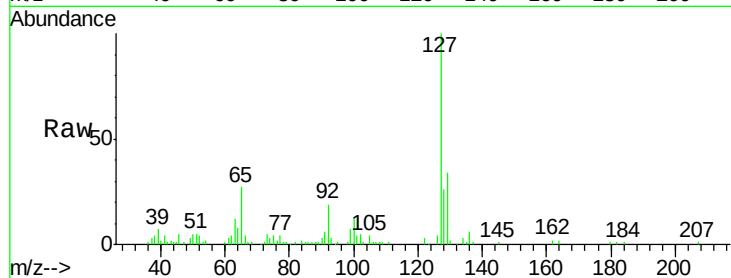
Ion Ratio Lower Upper

127 100

129 33.8 26.2 39.4

65 27.1 23.0 34.4

92 18.7 15.1 22.7

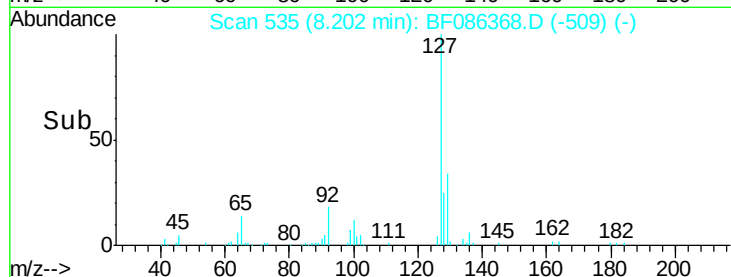


Abundance Ion 127.00 (126.70 to 127.70): E

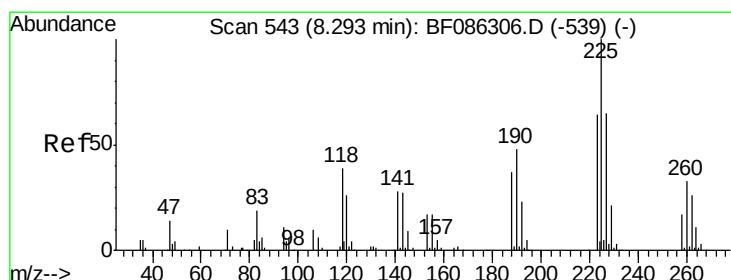
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 38.98 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

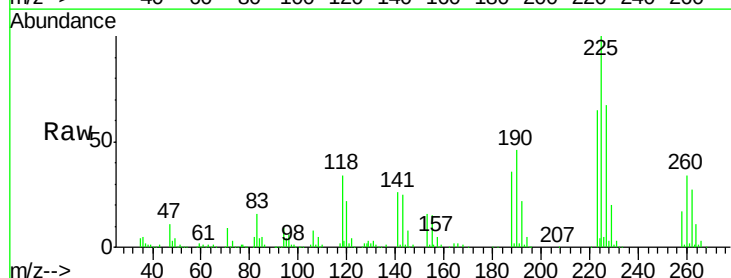
Tgt Ion:225 Resp: 197869

Ion Ratio Lower Upper

225 100

223 65.4 51.5 77.3

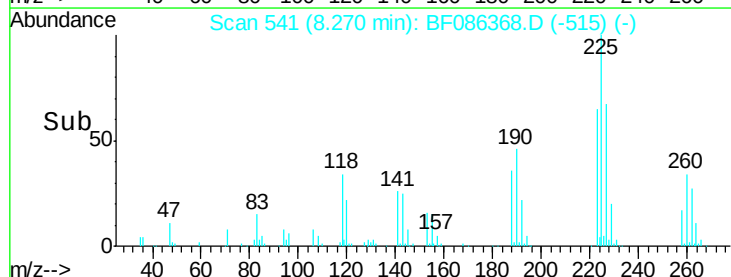
227 67.4 52.2 78.2



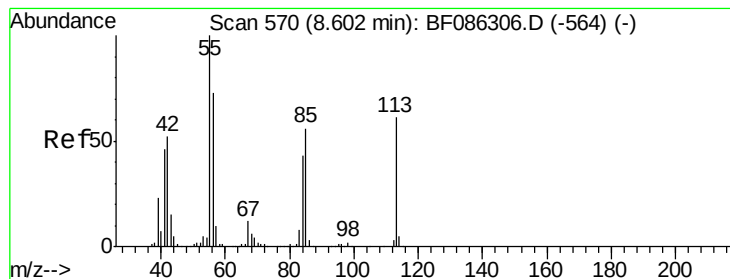
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 23.09 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

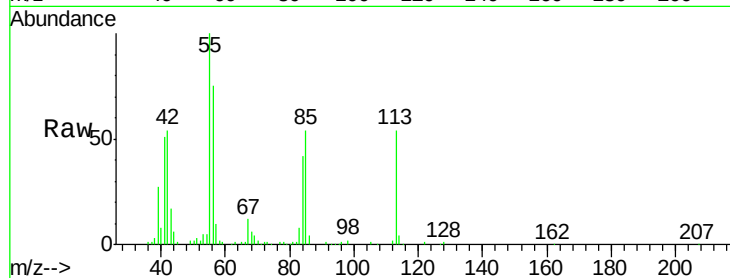
Tgt Ion:113 Resp: 77529

Ion Ratio Lower Upper

113 100

55 184.9 162.0 202.0

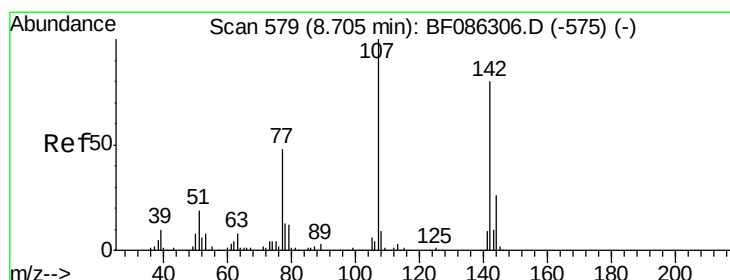
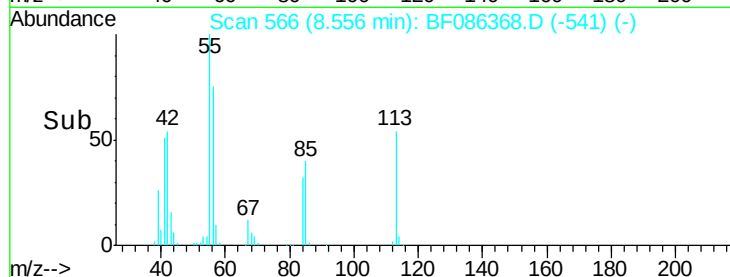
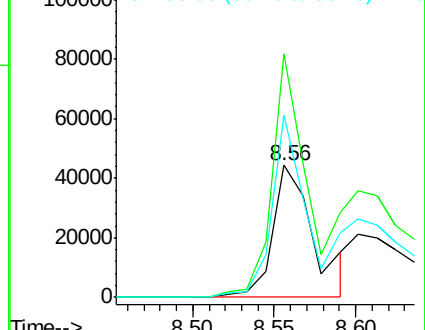
56 138.5 115.3 155.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.28 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

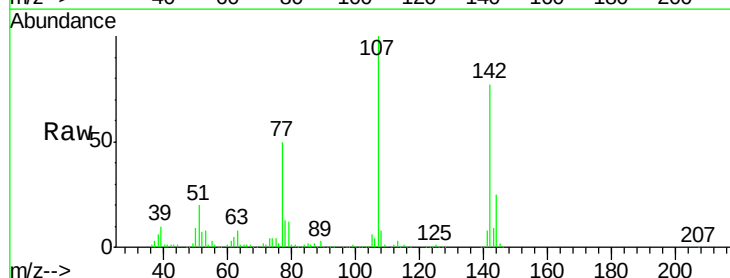
Tgt Ion:107 Resp: 448068

Ion Ratio Lower Upper

107 100

144 24.7 20.7 31.1

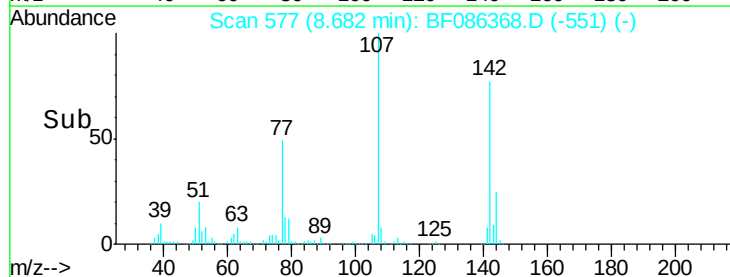
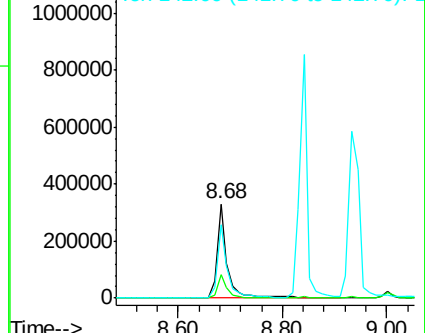
142 77.3 63.2 94.8

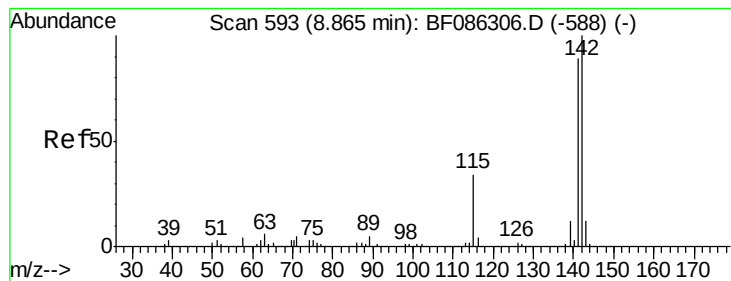


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.29 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampled :

PB89989BS

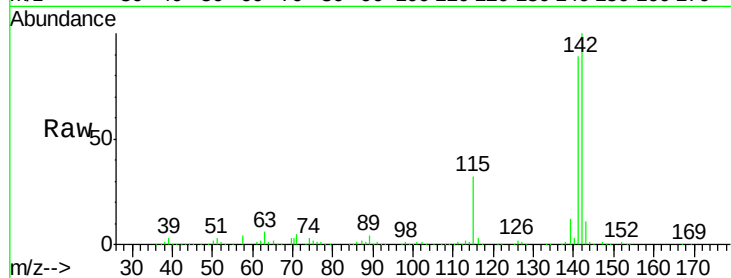
Tgt Ion:142 Resp: 896628

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

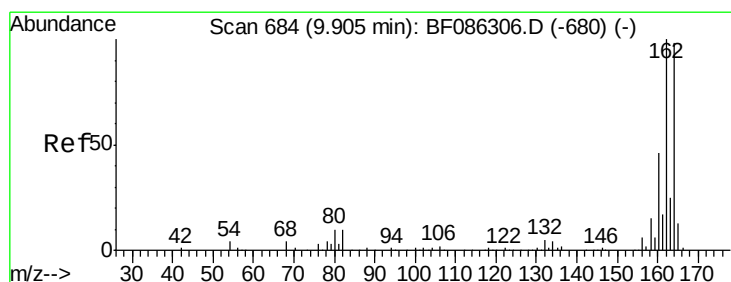
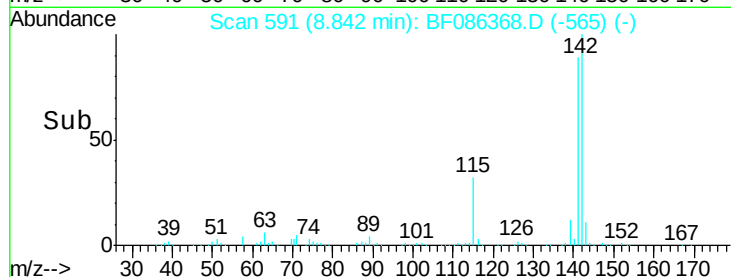
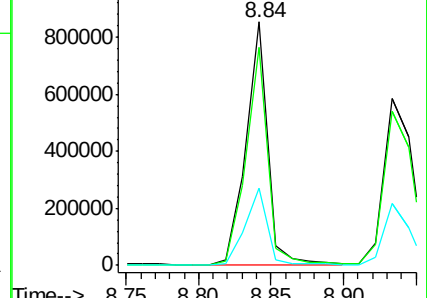
115 31.8 26.6 39.8



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: BF086368.D

Acq: 23 Apr 2016 3:52

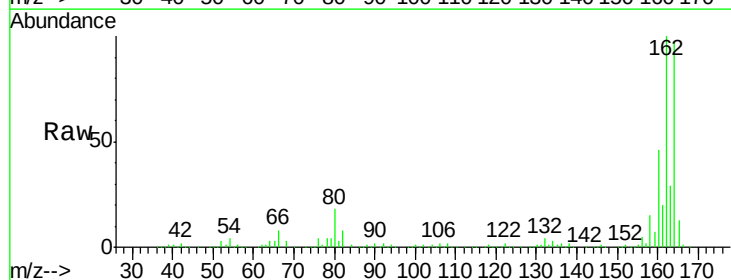
Tgt Ion:164 Resp: 369641

Ion Ratio Lower Upper

164 100

162 103.6 82.8 124.2

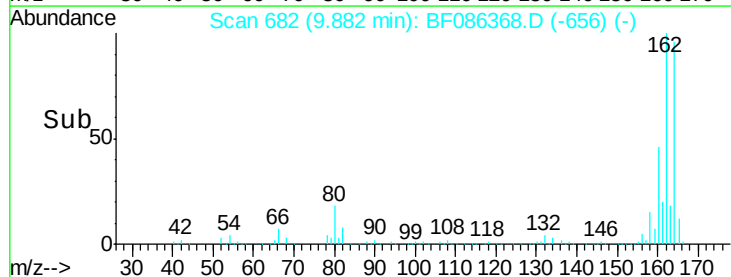
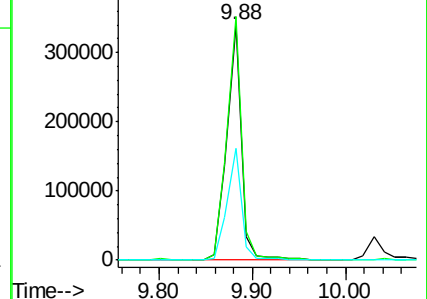
160 47.3 36.9 55.3

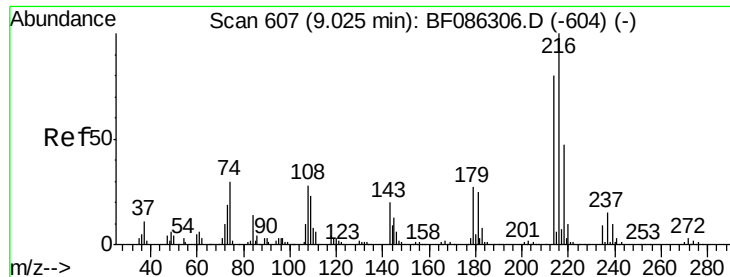


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

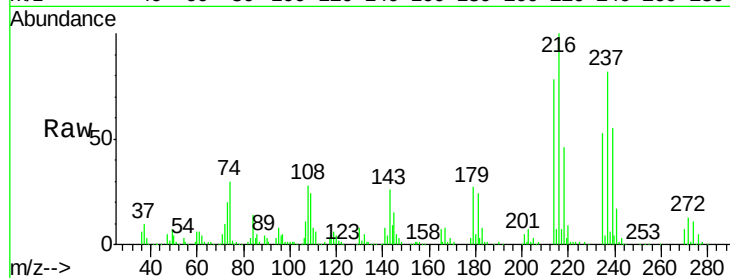




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.25 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tgt Ion:	216	Resp:	327543
Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.6	93.8
179	22.6	18.2	27.4
108	23.9	17.5	26.3

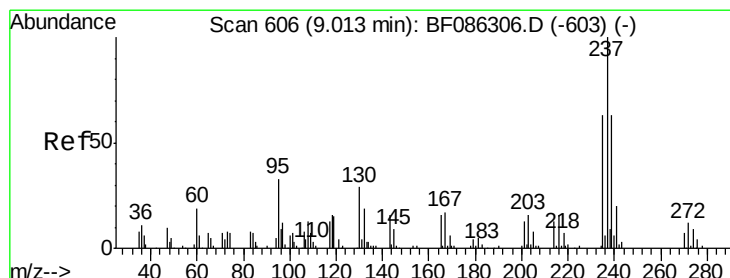
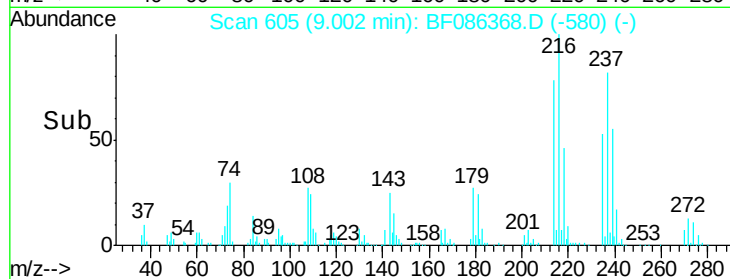
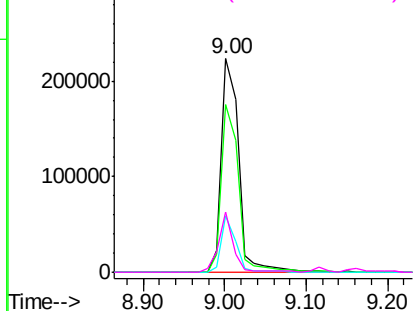


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

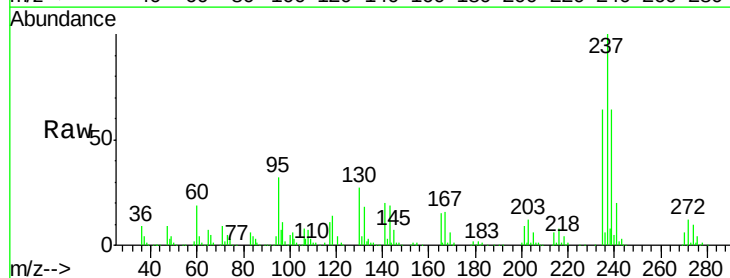
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 78.20 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

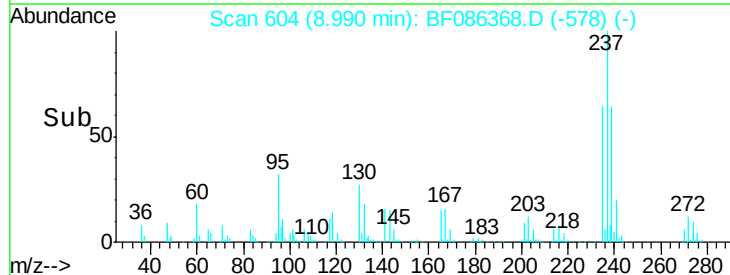
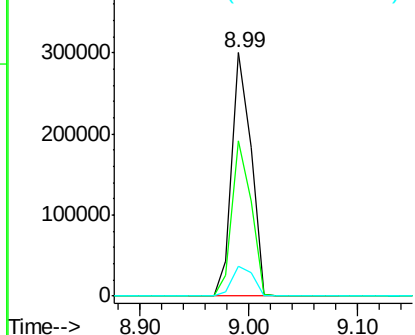
Tgt Ion:	237	Resp:	365286
Ion	Ratio	Lower	Upper
237	100		
235	63.8	47.2	87.2
272	12.2	0.0	31.1

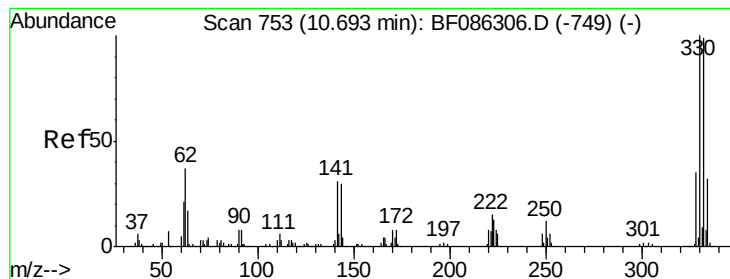


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

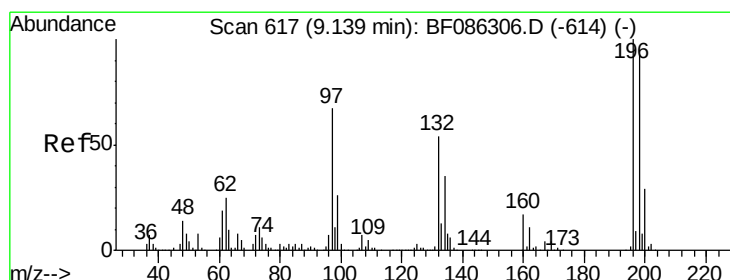
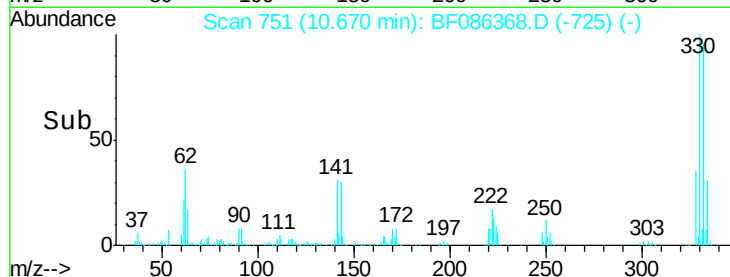
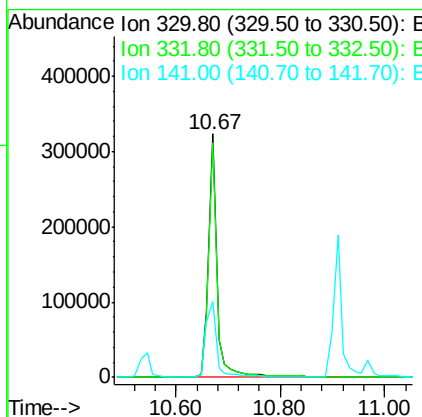
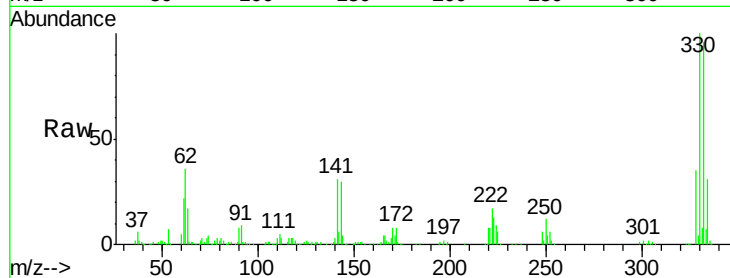




#41
 2,4,6-Tribromophenol
 Concen: 110.62 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

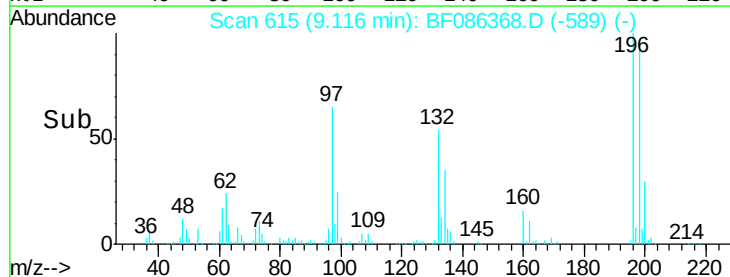
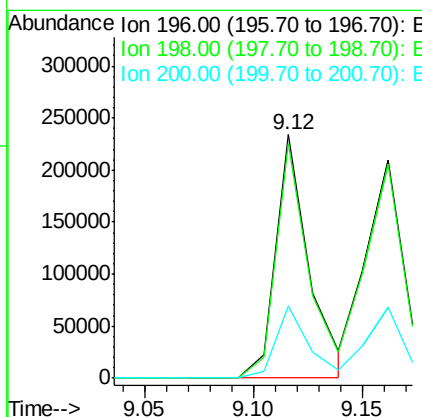
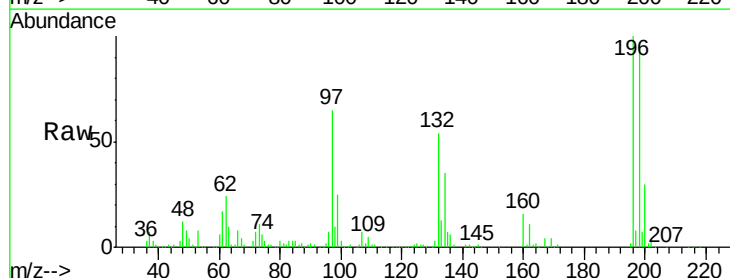
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

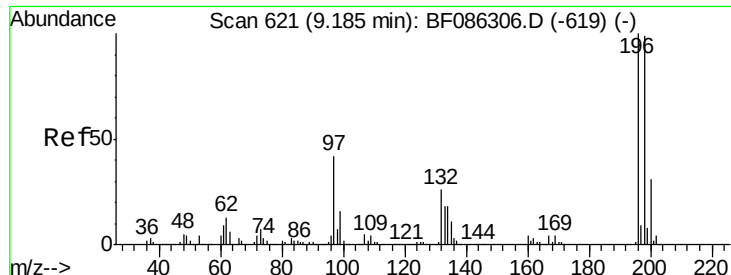
Tgt Ion:330 Resp: 370150
 Ion Ratio Lower Upper
 330 100
 332 95.2 79.0 118.4
 141 39.5 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 39.89 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:196 Resp: 250115
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.7 112.1
 200 29.5 23.8 35.6

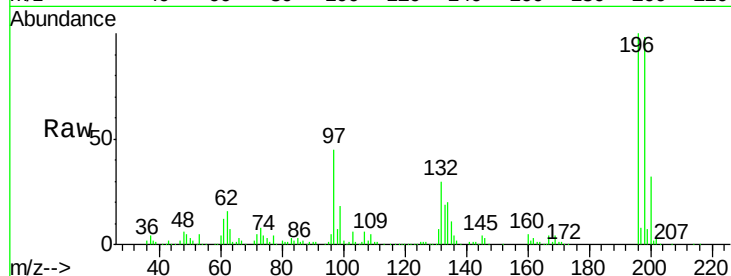




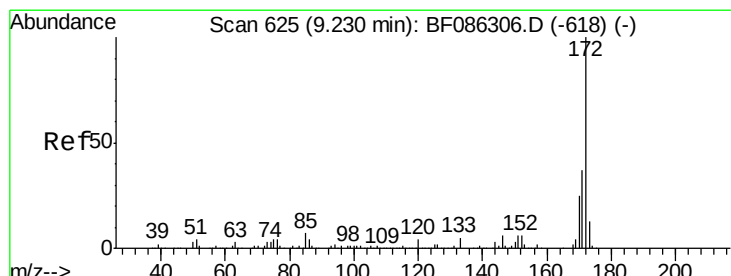
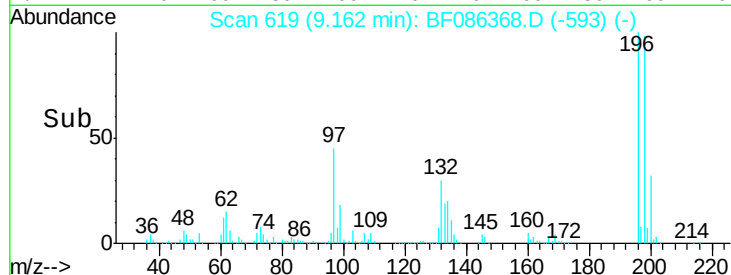
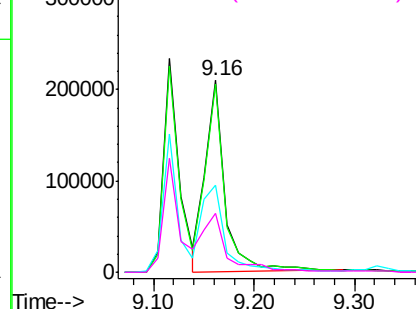
#43
 2,4,5-Trichlorophenol
 Concen: 37.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tgt Ion:196 Resp: 286079
 Ion Ratio Lower Upper
 196 100
 198 98.2 77.5 116.3
 97 45.3 34.8 52.2
 132 30.5 23.0 34.4

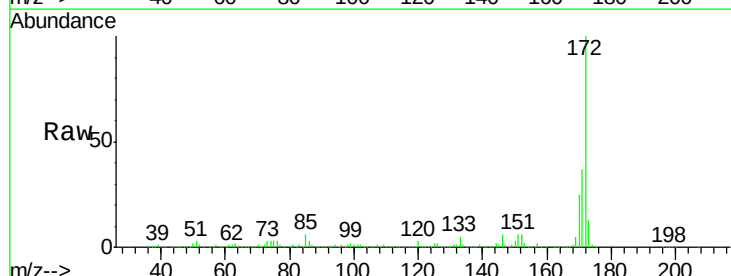


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

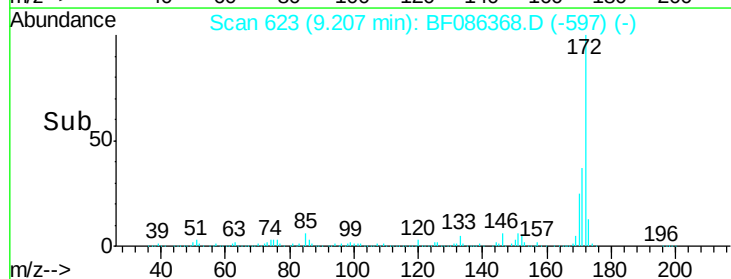
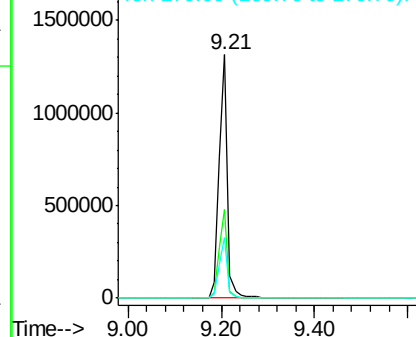


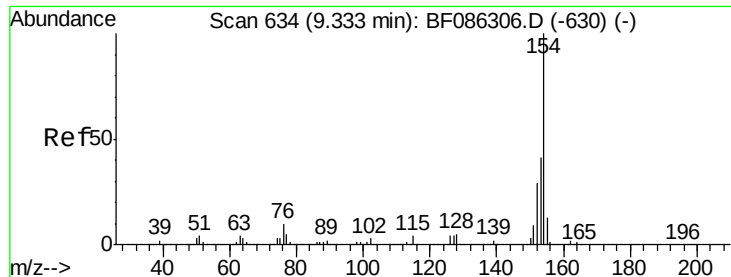
#44
 2-Fluorobiphenyl
 Concen: 76.19 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:172 Resp: 1650262
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.9 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: 36.68 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

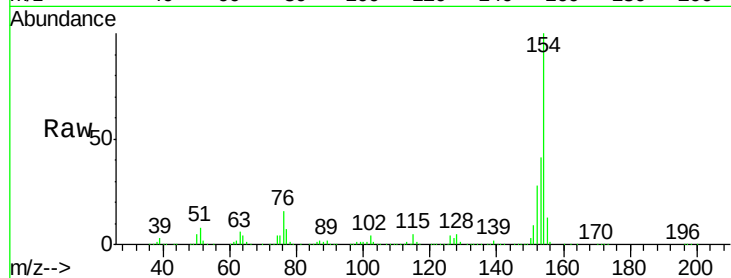
Tgt Ion:154 Resp: 1051767

Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

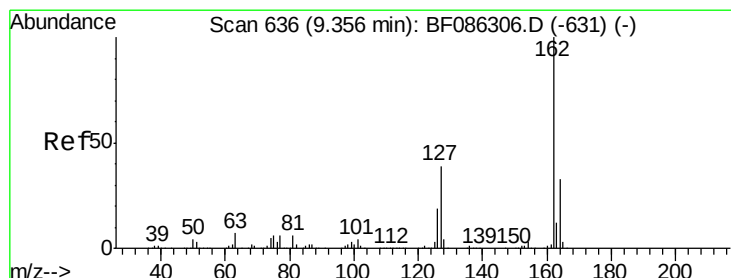
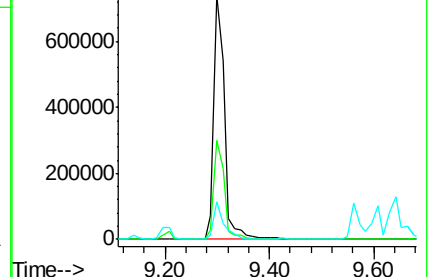
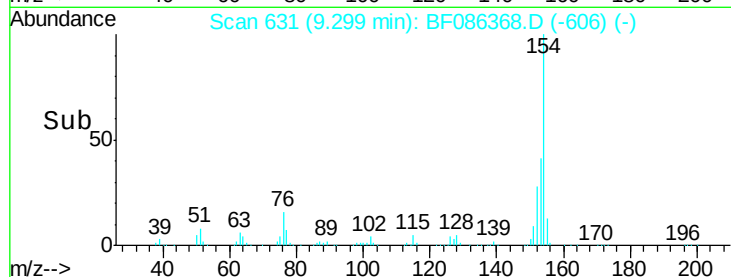
76 15.6 0.0 30.2



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): E



#46

2-Chloronaphthalene

Concen: 35.91 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

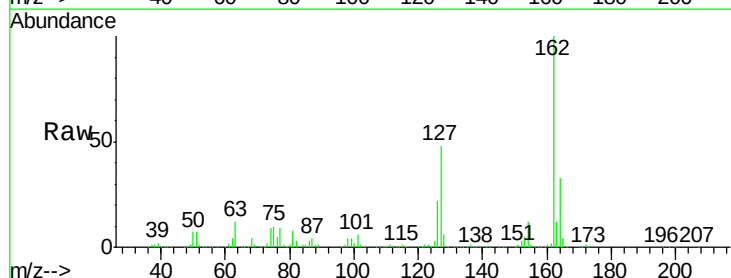
Tgt Ion:162 Resp: 815053

Ion Ratio Lower Upper

162 100

127 47.5 31.8 47.6

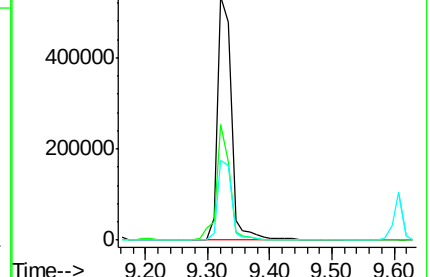
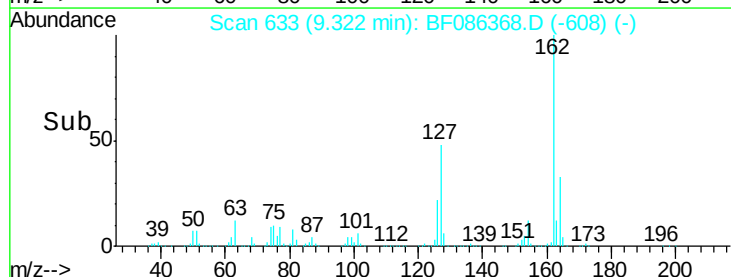
164 33.0 27.0 40.6

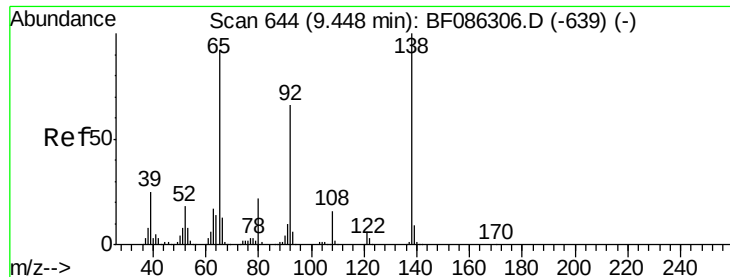


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

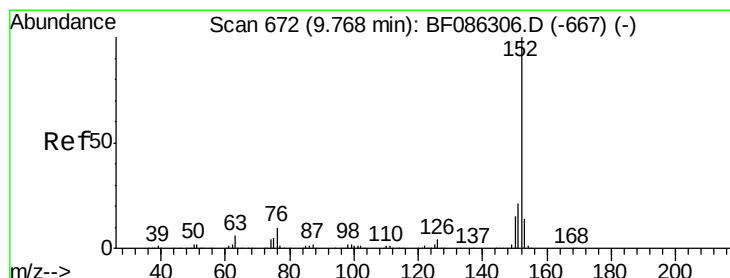
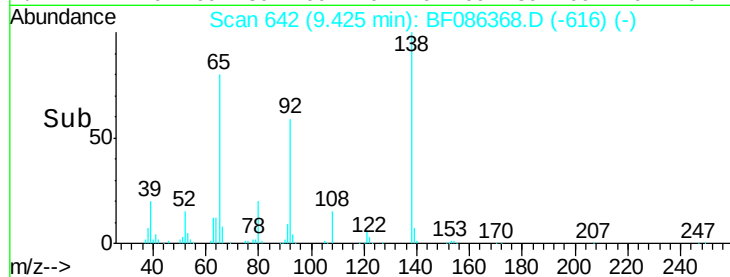
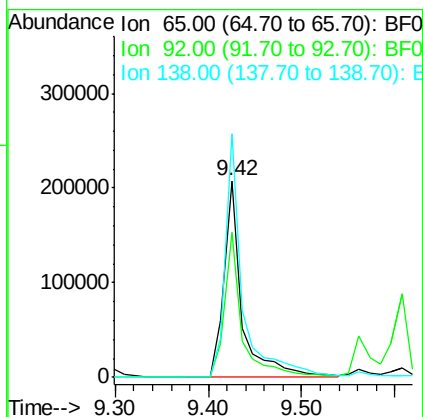
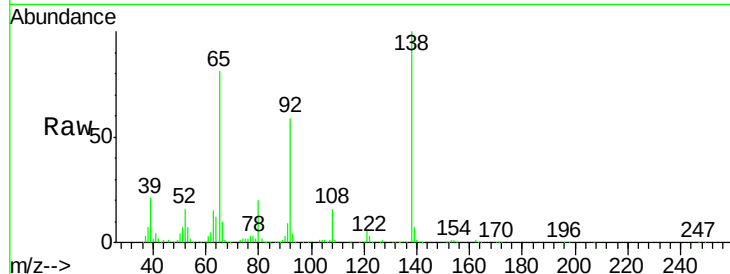




#47
2-Nitroaniline
Concen: 39.72 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

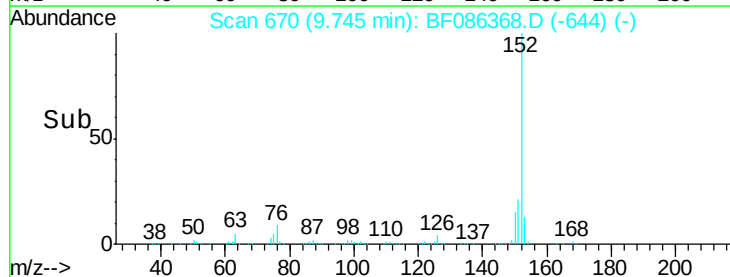
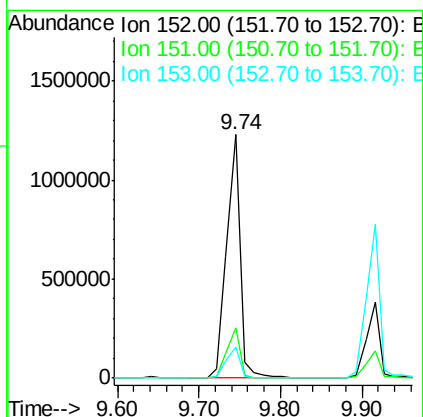
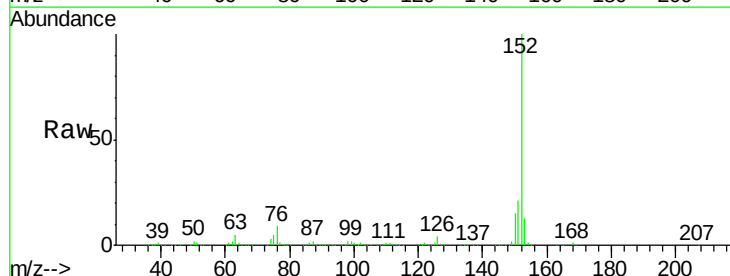
Instrument :
BNA_F
ClientSampleId :
PB89989BS

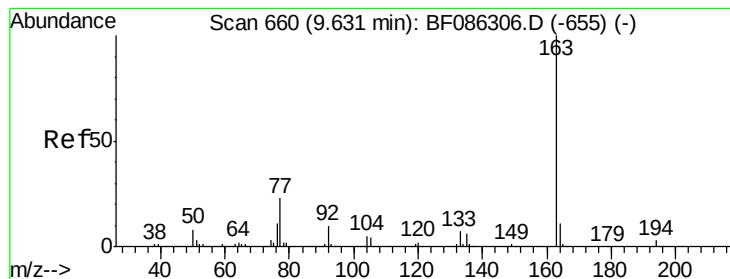
Tgt Ion: 65 Resp: 280726
Ion Ratio Lower Upper
65 100
92 73.7 57.4 86.2
138 124.1 90.1 135.1



#48
Acenaphthylene
Concen: 38.06 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion: 152 Resp: 1400853
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 12.9 10.9 16.3





#49

Dimethylphthalate

Concen: 38.13 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

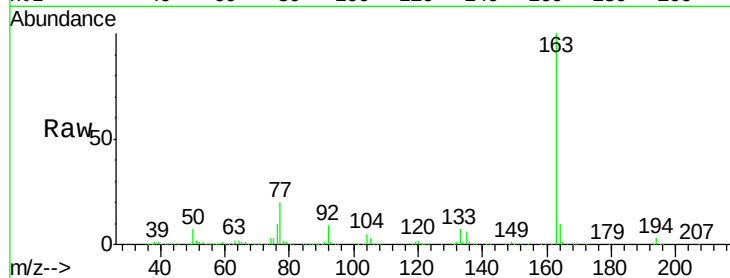
Tgt Ion:163 Resp: 1018115

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

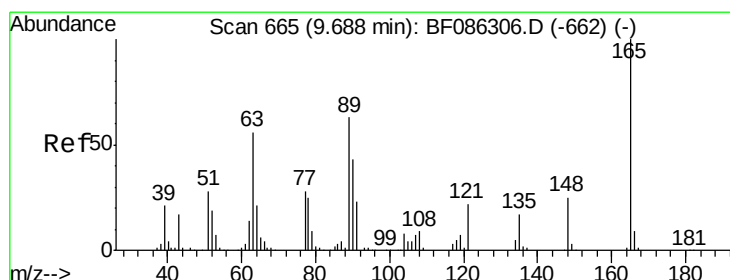
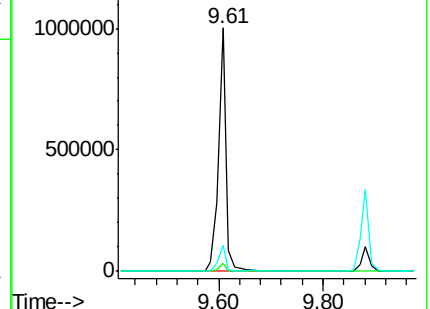
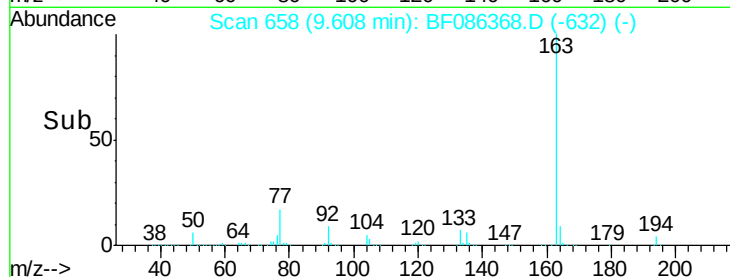
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.53 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

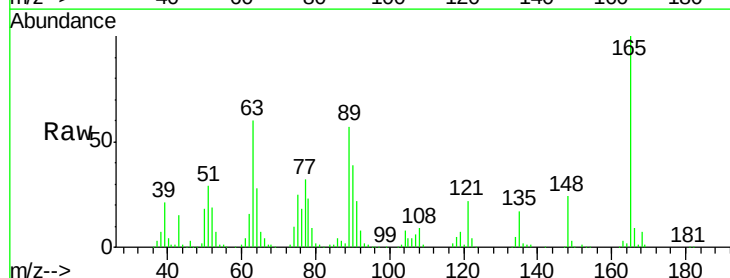
Tgt Ion:165 Resp: 227989

Ion Ratio Lower Upper

165 100

63 60.3 51.8 77.8

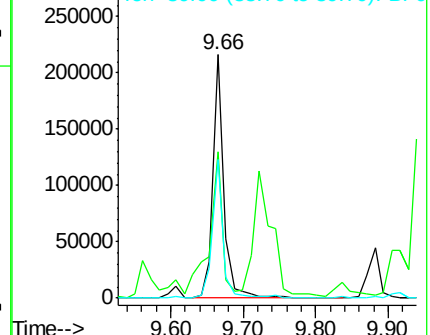
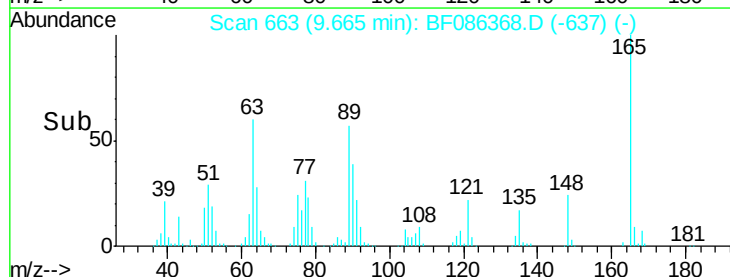
89 57.2 50.7 76.1

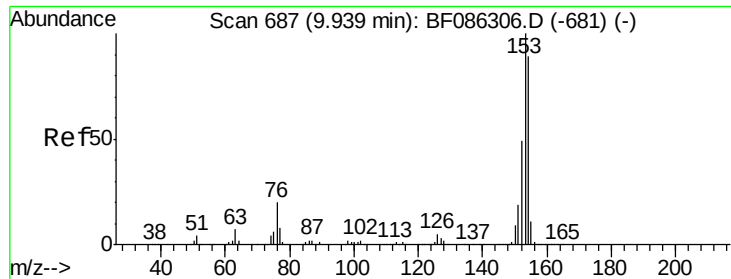


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.67 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

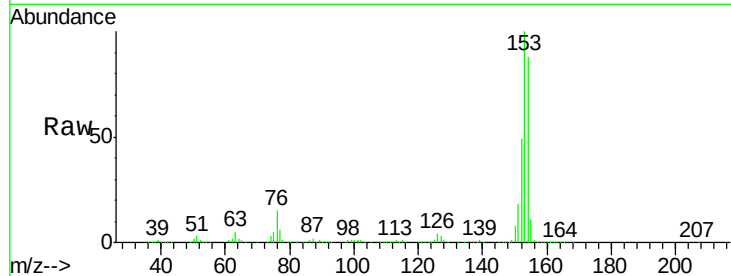
Tgt Ion:154 Resp: 942026

Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

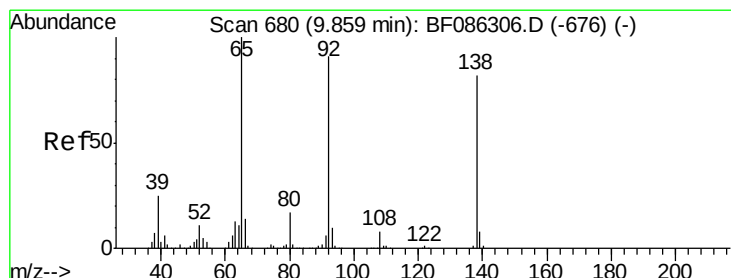
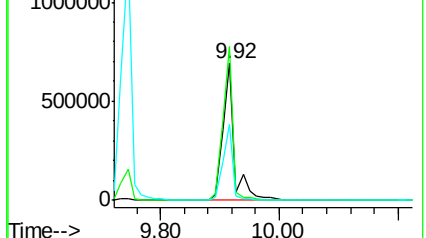
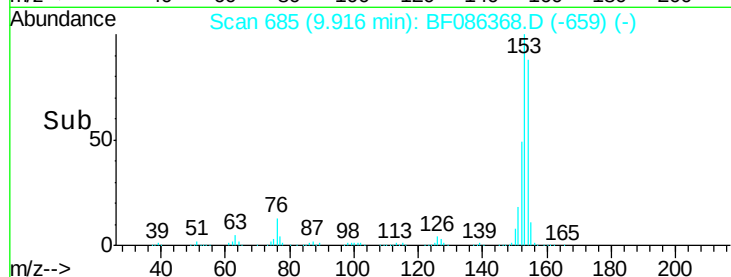
152 55.3 43.4 65.0



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: 18.40 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

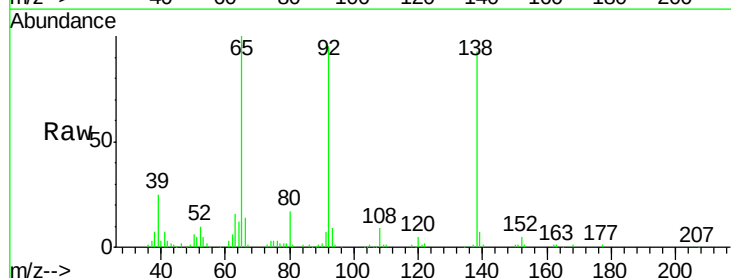
Tgt Ion:138 Resp: 132876

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

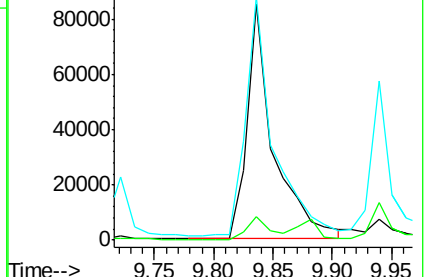
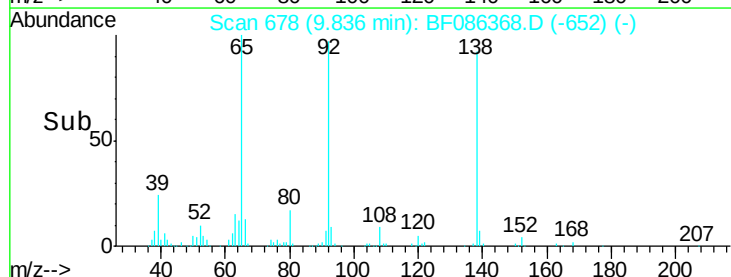
92 103.0 87.8 131.8

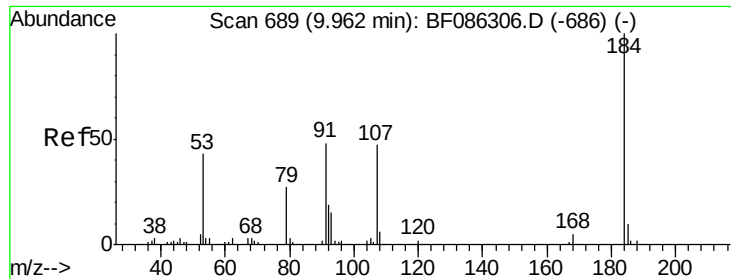


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

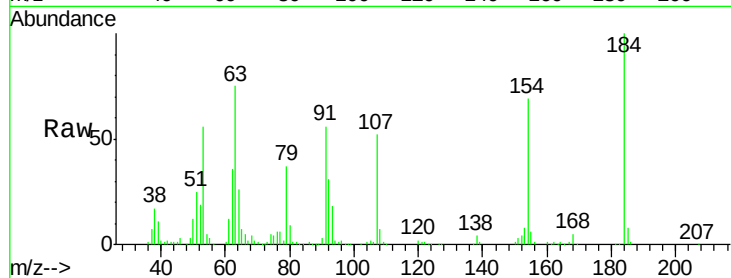




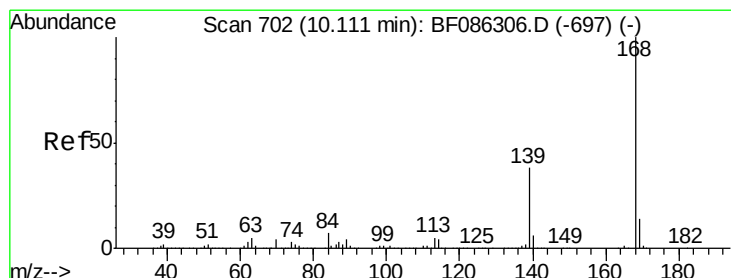
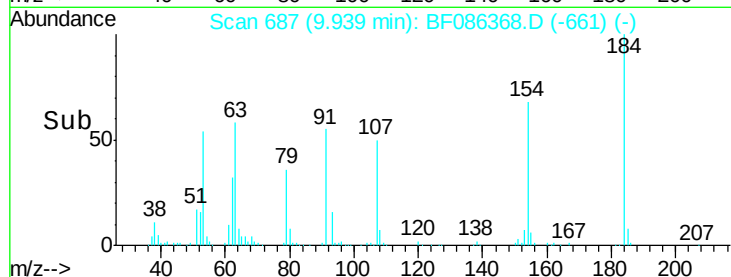
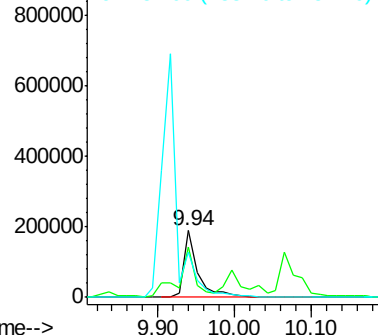
#53
2,4-Dinitrophenol
Concen: 81.67 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tgt Ion:184 Resp: 244909
Ion Ratio Lower Upper
184 100
63 75.3 55.8 83.8
154 68.9 62.4 93.6

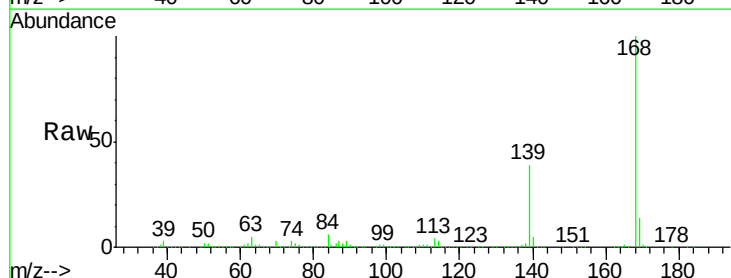


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

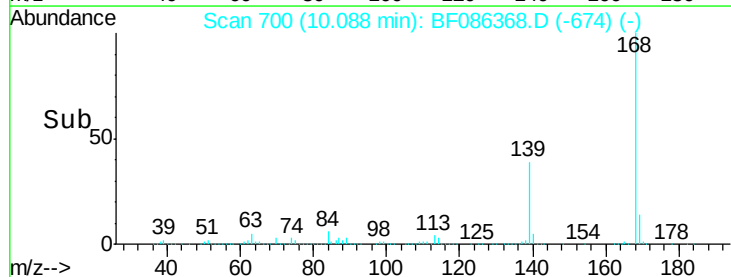
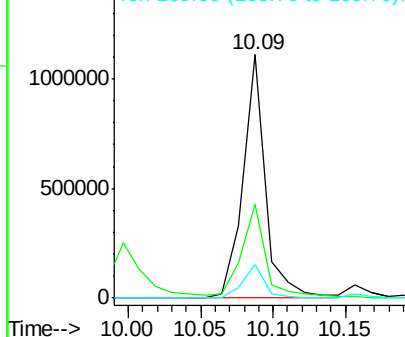


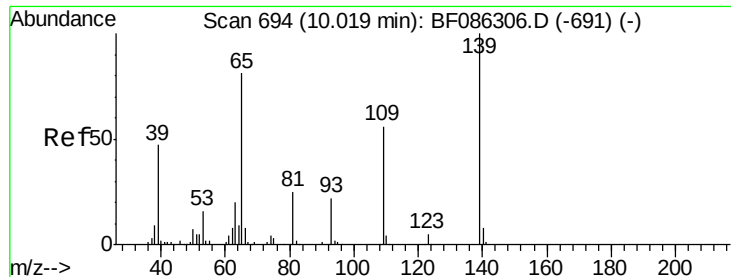
#54
Dibenzofuran
Concen: 41.09 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:168 Resp: 1193067
Ion Ratio Lower Upper
168 100
139 38.7 31.4 47.0
169 13.7 10.7 16.1



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

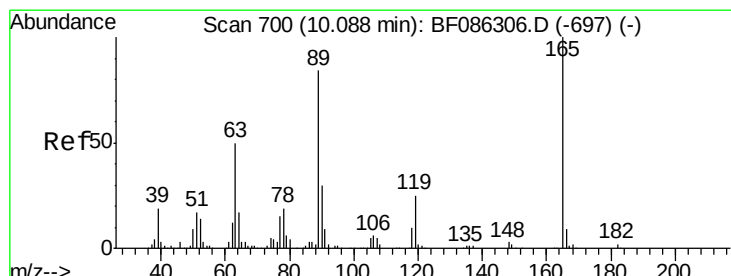
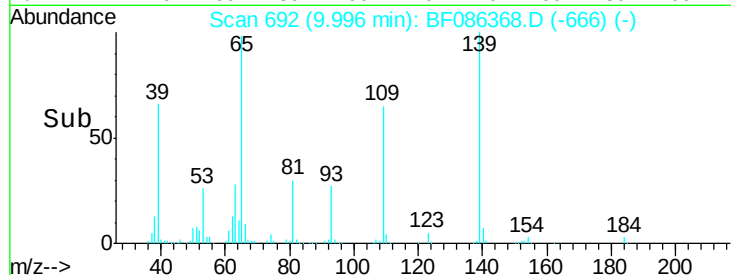
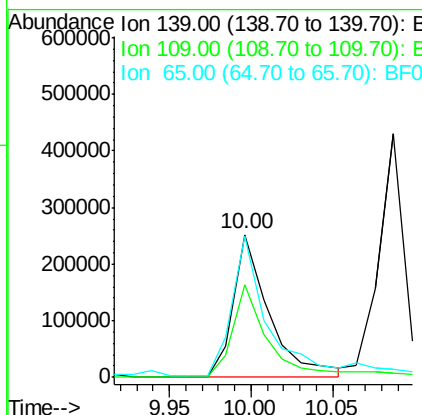
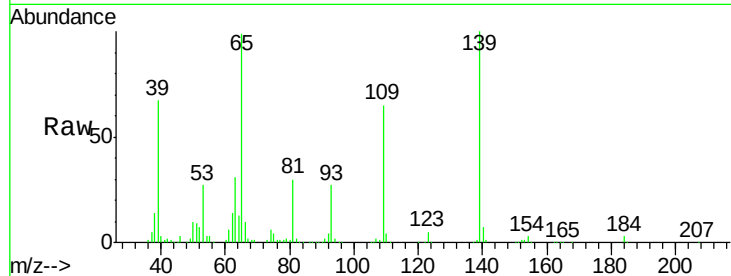




#55
4-Nitrophenol
Concen: 76.86 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

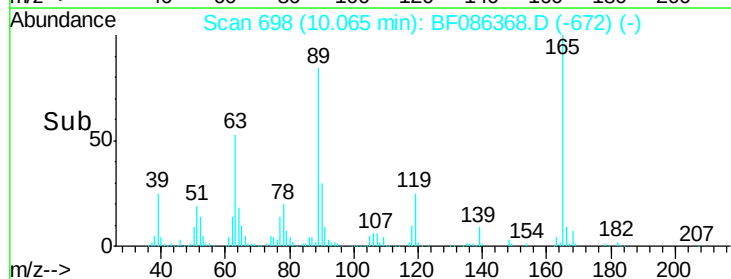
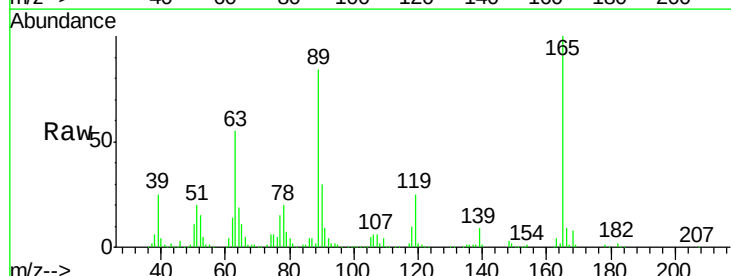
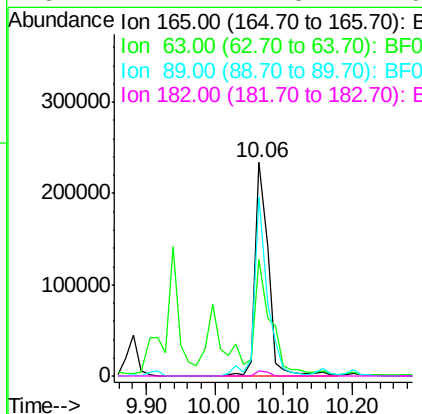
Instrument :
BNA_F
ClientSampleId :
PB89989BS

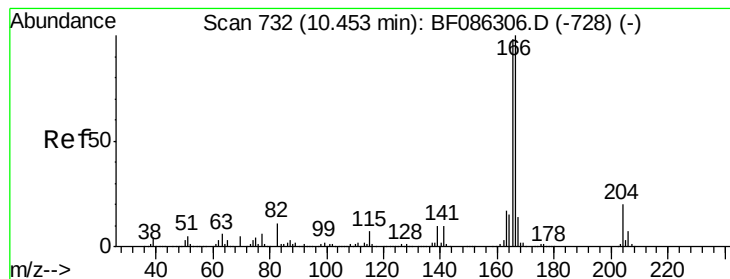
Tgt Ion:139 Resp: 388382
Ion Ratio Lower Upper
139 100
109 64.8 36.9 76.9
65 98.9 64.0 104.0



#56
2,4-Dinitrotoluene
Concen: 39.34 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086368.D
Acq: 23 Apr 2016 3:52

Tgt Ion:165 Resp: 301324
Ion Ratio Lower Upper
165 100
63 54.7 44.3 66.5
89 83.7 70.0 105.0
182 2.1 1.8 2.6





#57

Fluorene

Concen: 37.90 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

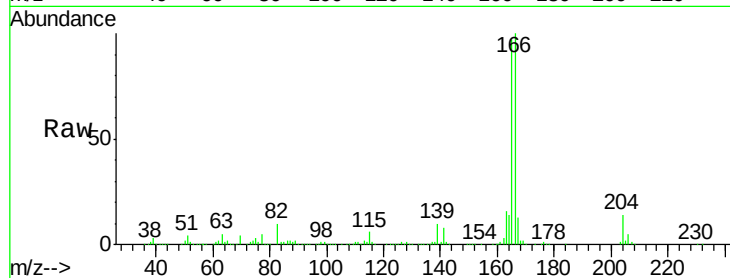
Tgt Ion:166 Resp: 901793

Ion Ratio Lower Upper

166 100

165 97.4 79.0 118.6

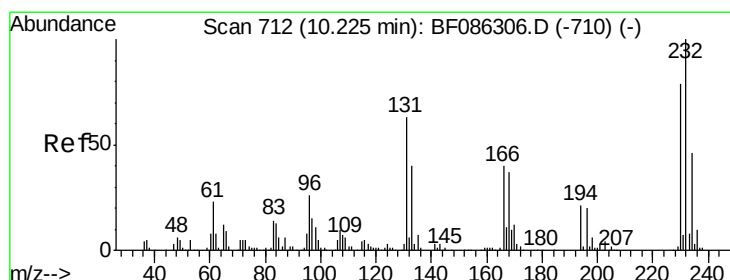
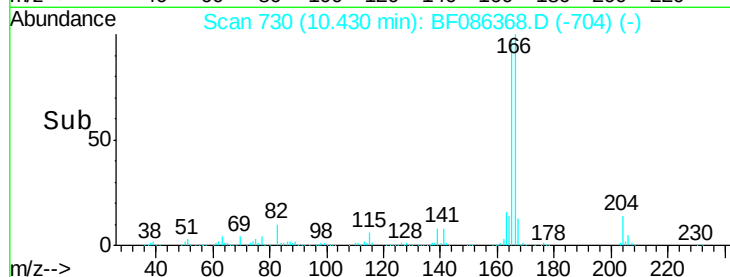
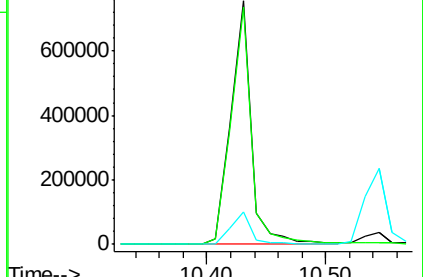
167 13.1 10.6 15.8



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: 44.10 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:232 Resp: 248871

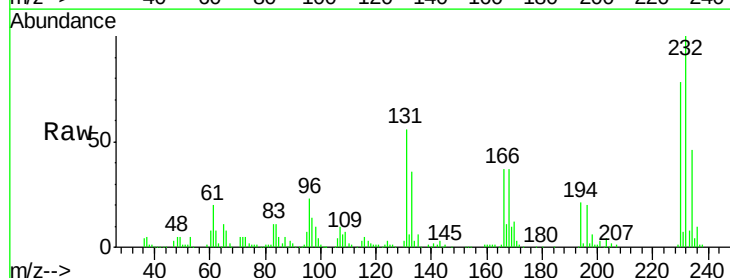
Ion Ratio Lower Upper

232 100

131 48.1 41.9 62.9

130 2.7 2.2 3.4

166 35.9 26.8 40.2

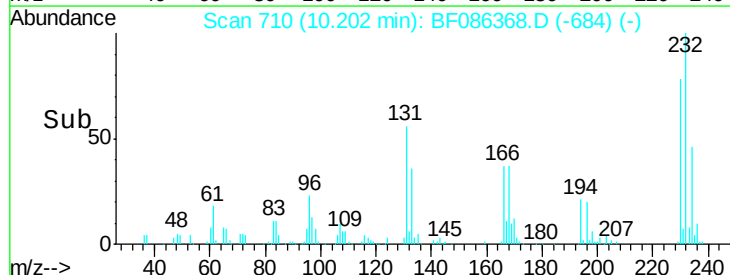
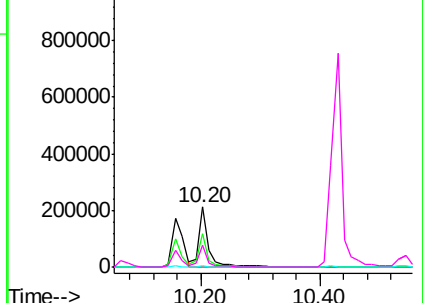


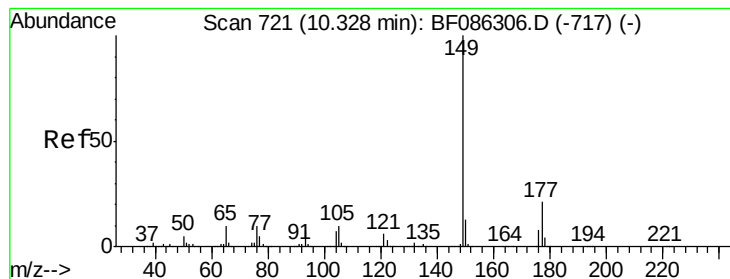
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.23 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

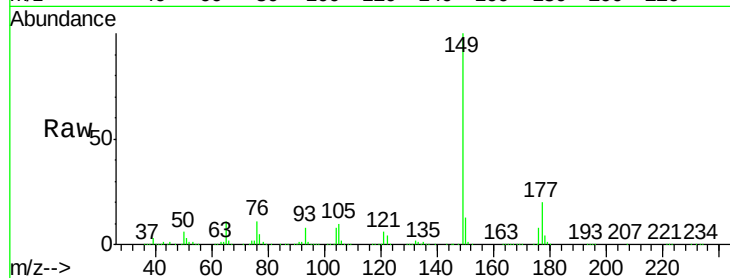
Tgt Ion:149 Resp: 926479

Ion Ratio Lower Upper

149 100

177 20.2 16.6 24.8

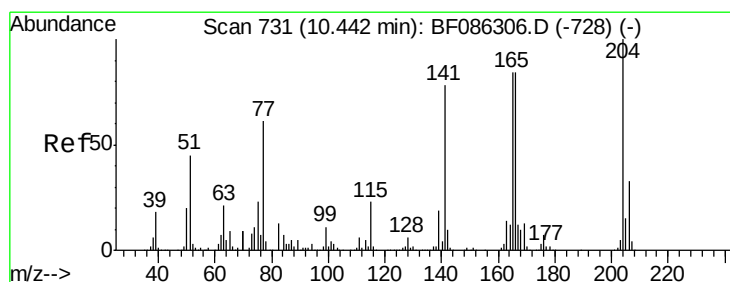
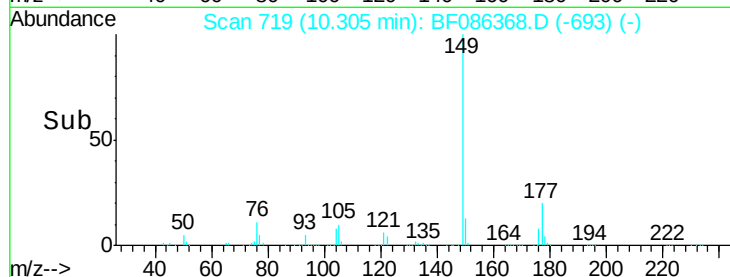
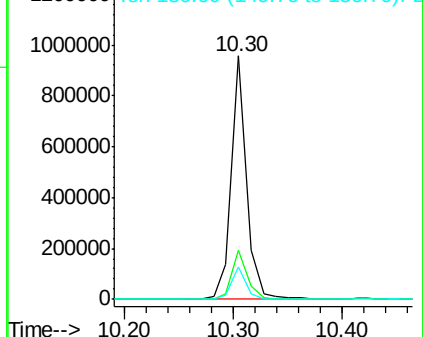
150 13.1 10.0 15.0



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: 36.09 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

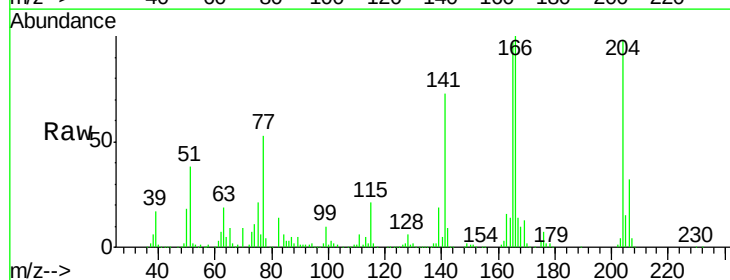
Tgt Ion:204 Resp: 375471

Ion Ratio Lower Upper

204 100

206 32.3 25.4 38.0

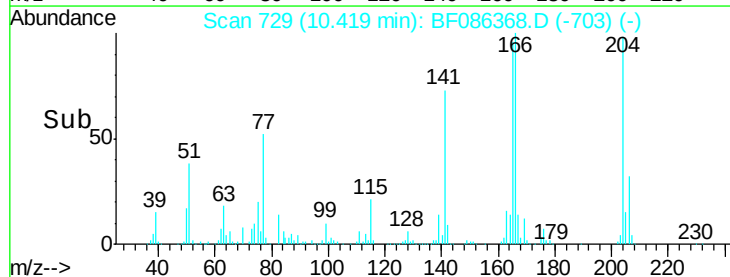
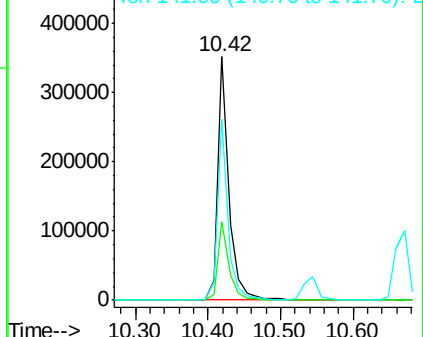
141 74.3 61.6 92.4

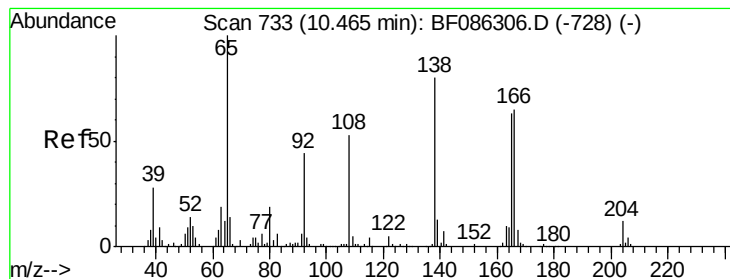


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.57 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

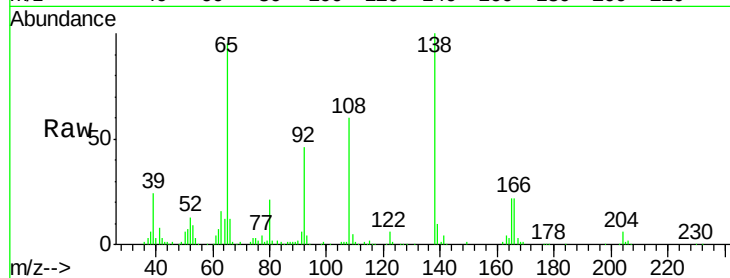
Tgt Ion:138 Resp: 277720

Ion Ratio Lower Upper

138 100

92 45.6 24.7 64.7

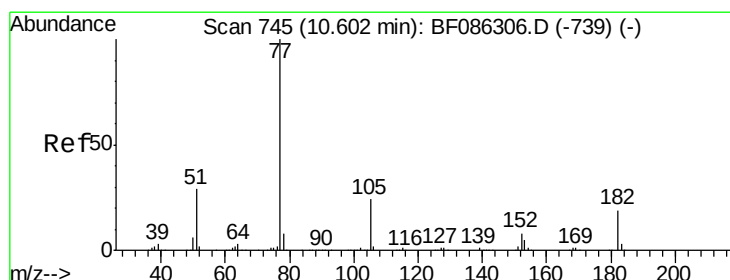
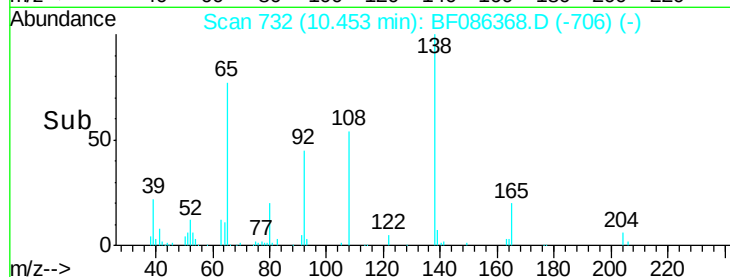
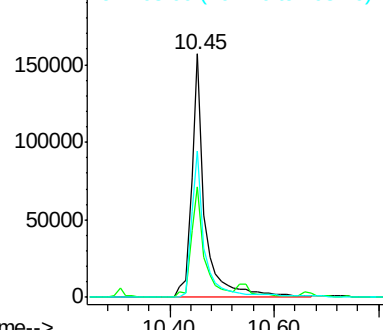
108 60.1 37.4 77.4



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: 40.34 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion: 77 Resp: 1069747

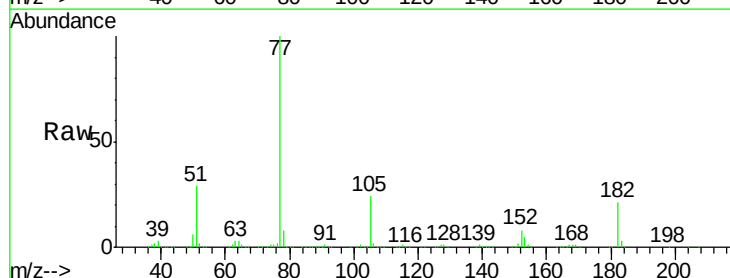
Ion Ratio Lower Upper

77 100

182 21.0 0.0 38.8

105 23.7 3.2 43.2

51 29.0 8.8 48.8

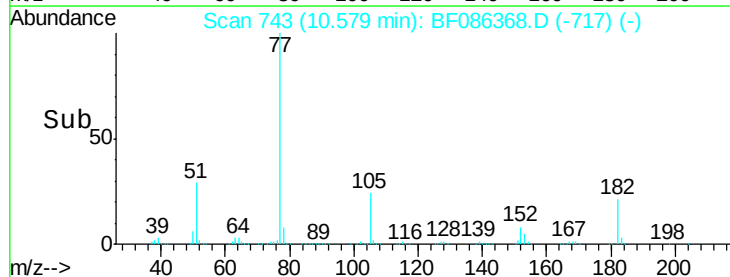
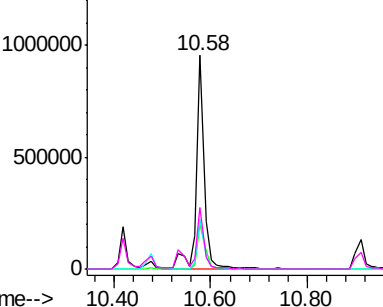


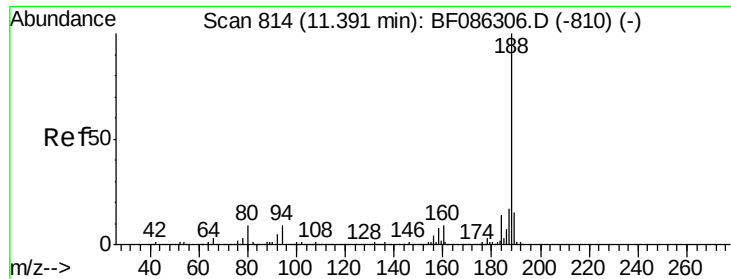
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

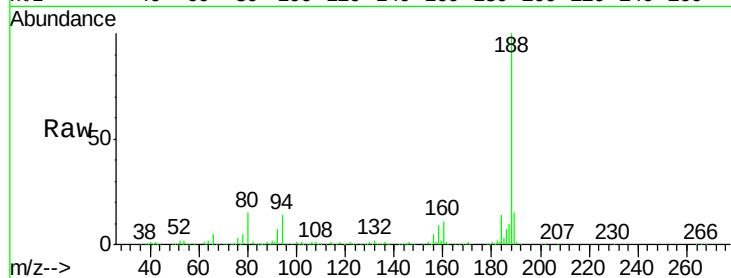
Tgt Ion:188 Resp: 699516

Ion Ratio Lower Upper

188 100

94 13.6 6.8 10.2#

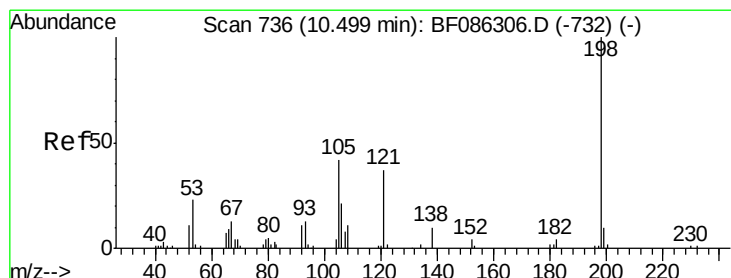
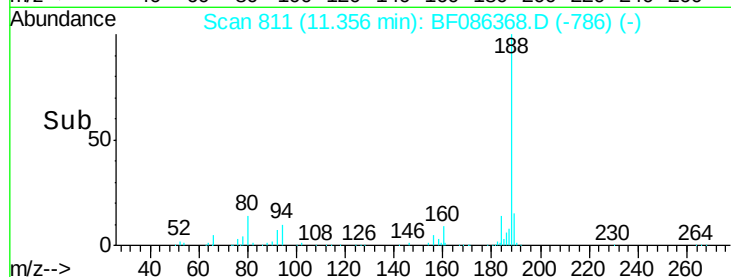
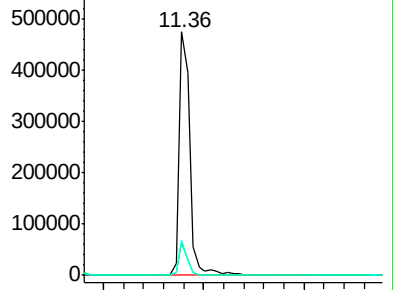
80 14.6 7.1 10.7#



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: 38.52 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

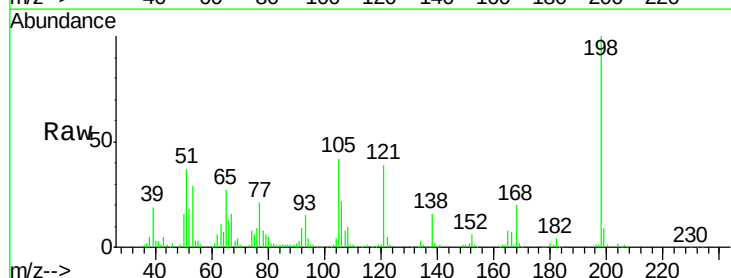
Tgt Ion:198 Resp: 164645

Ion Ratio Lower Upper

198 100

51 37.2 20.5 60.5

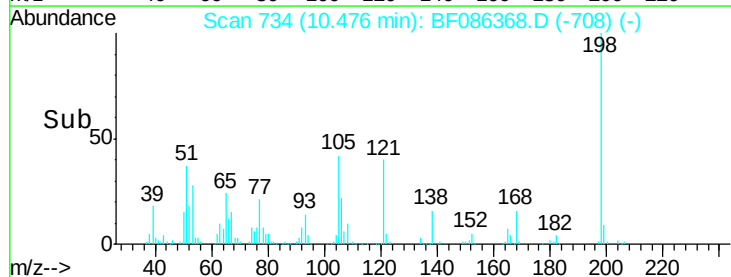
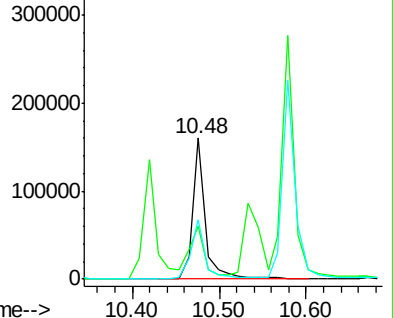
105 42.4 24.5 64.5

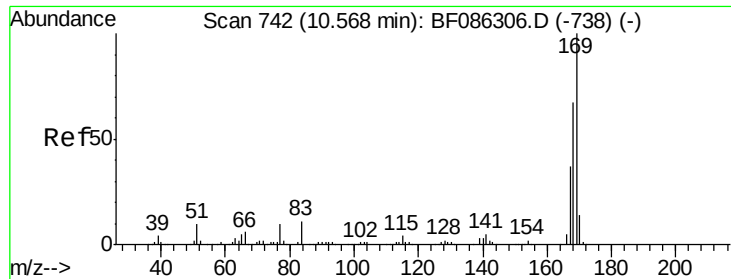


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.10 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

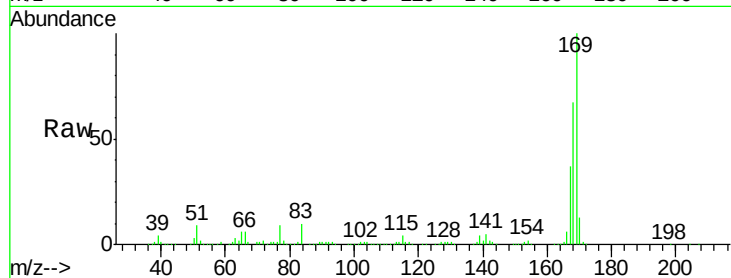
Tgt Ion:169 Resp: 821839

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

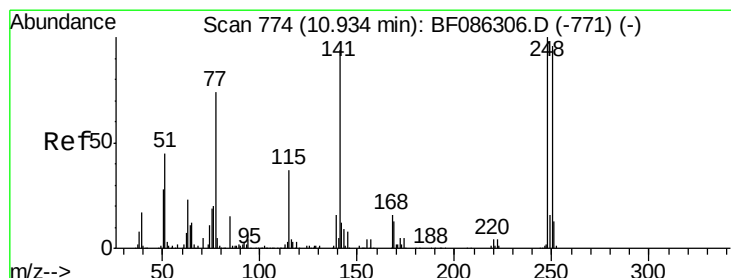
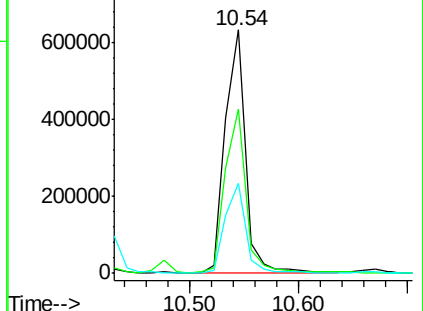
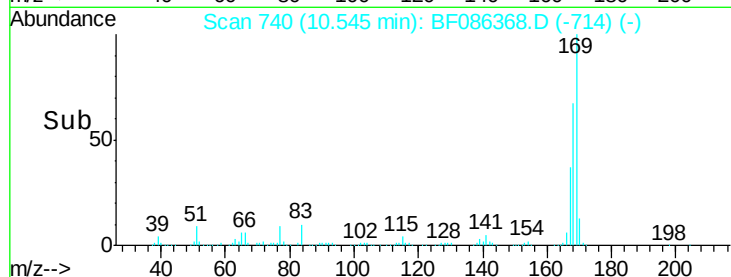
167 37.2 29.5 44.3



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: 38.44 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

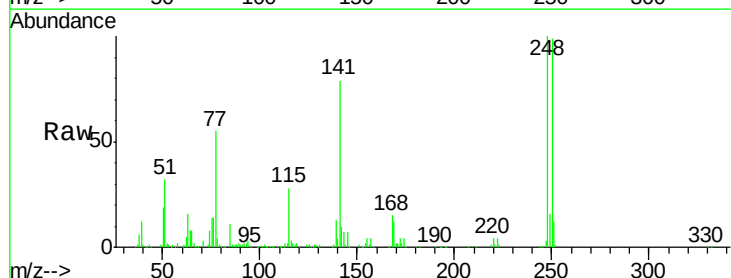
Tgt Ion:248 Resp: 263303

Ion Ratio Lower Upper

248 100

250 98.9 78.6 117.8

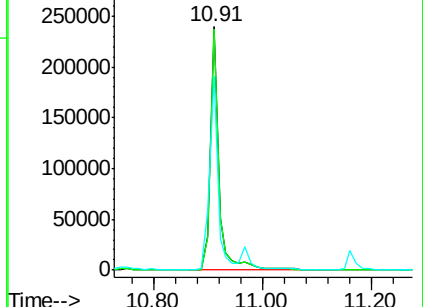
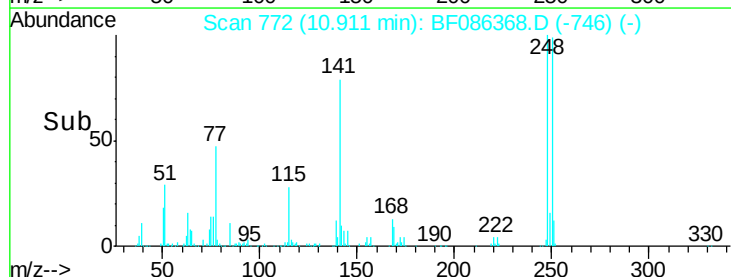
141 79.3 76.0 114.0

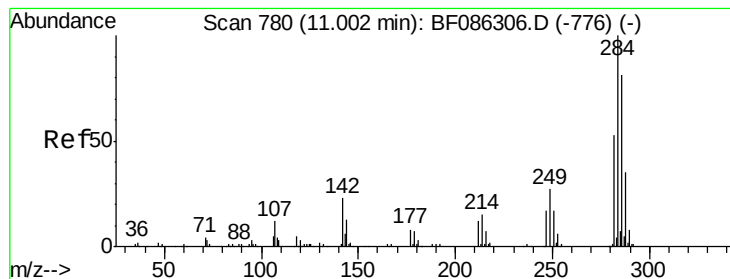


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.05 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

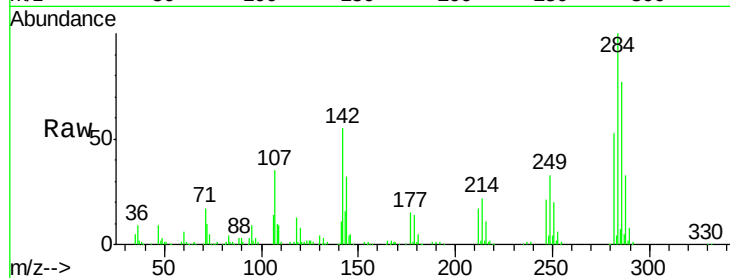
Tgt Ion:284 Resp: 263483

Ion Ratio Lower Upper

284 100

142 55.2 16.7 25.1#

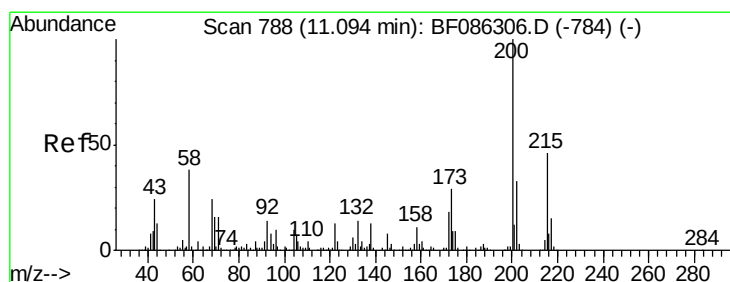
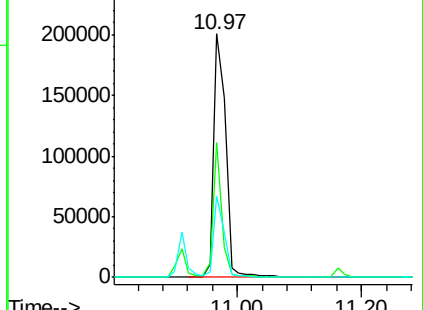
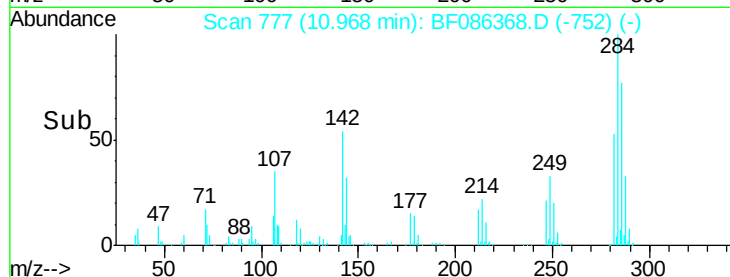
249 33.3 21.3 31.9#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.24 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

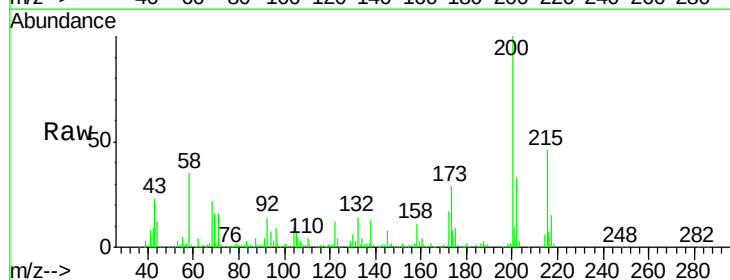
Tgt Ion:200 Resp: 267967

Ion Ratio Lower Upper

200 100

173 28.7 8.5 48.5

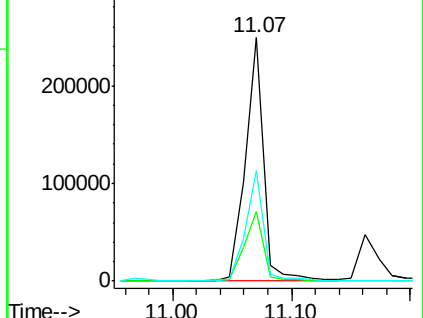
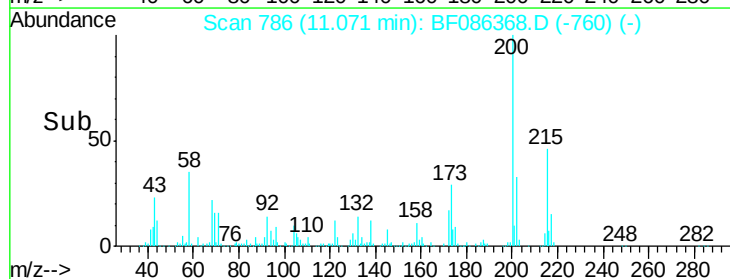
215 45.6 27.2 67.2

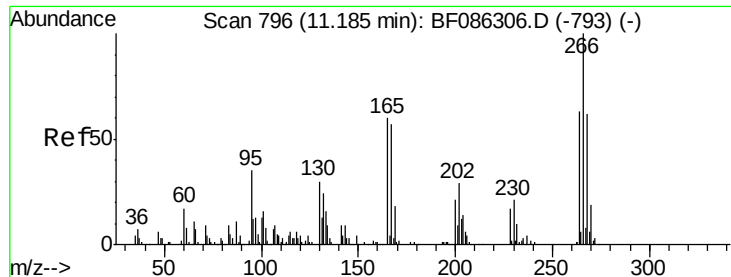


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

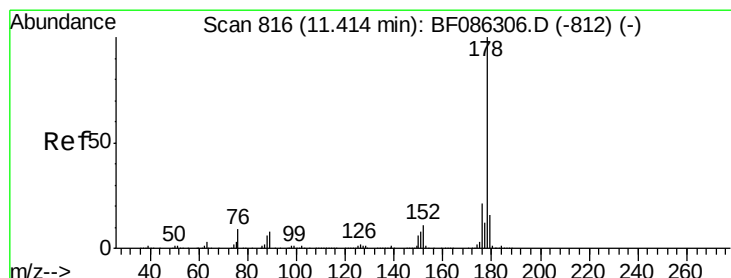
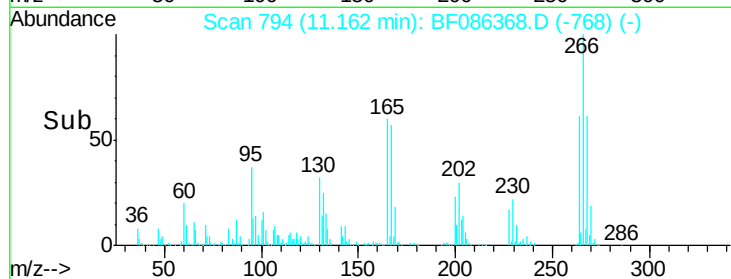
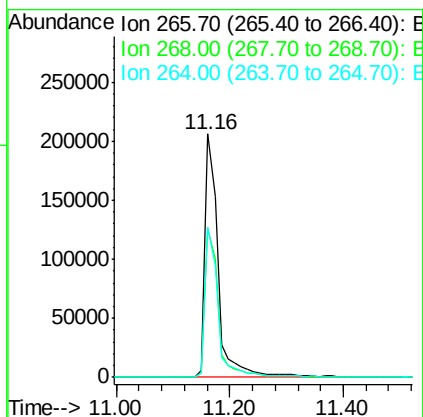
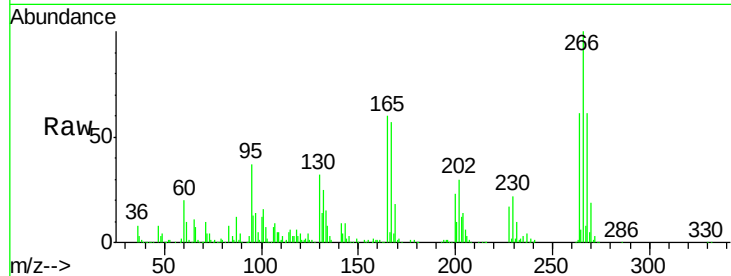




#69
 Pentachlorophenol
 Concen: 74.36 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

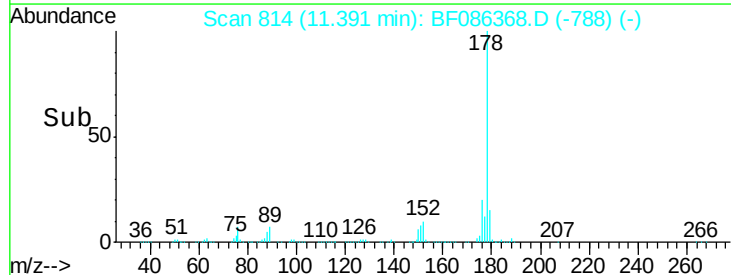
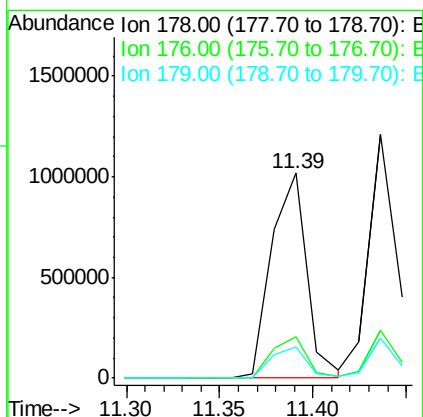
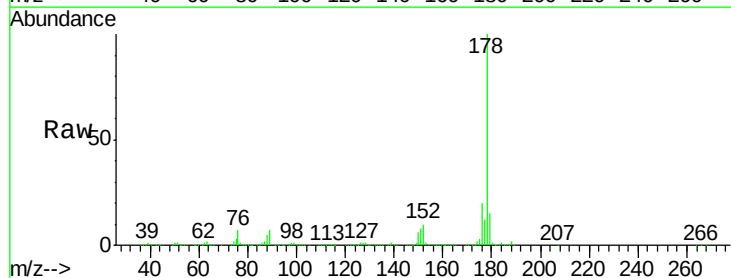
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

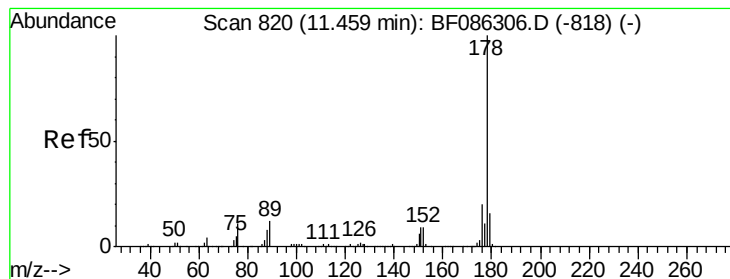
Tgt Ion:266 Resp: 319093
 Ion Ratio Lower Upper
 266 100
 268 60.9 51.5 77.3
 264 61.5 52.9 79.3



#70
 Phenanthrene
 Concen: 38.02 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:178 Resp: 1336243
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.3 12.6 18.8





#71

Anthracene

Concen: 35.56 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

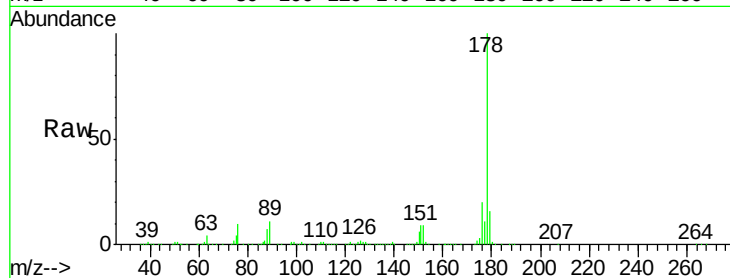
Tgt Ion:178 Resp: 1432164

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

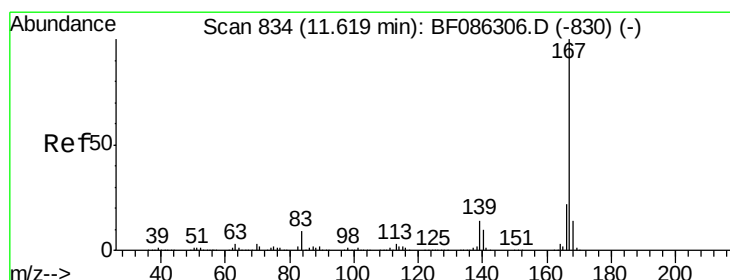
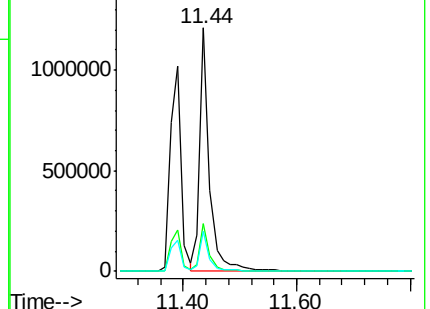
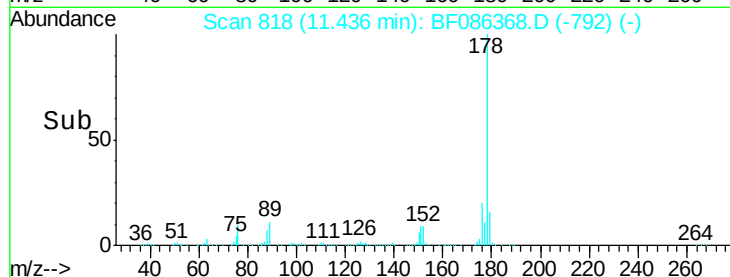
179 16.3 12.7 19.1



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: 38.99 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

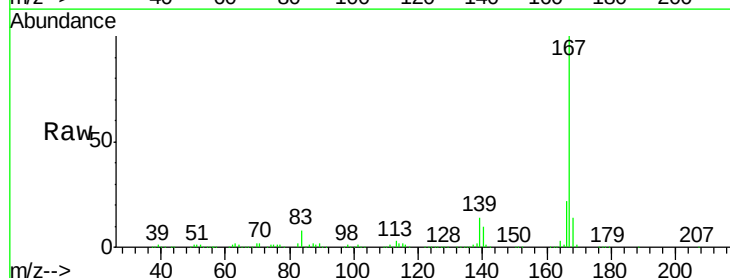
Tgt Ion:167 Resp: 1474861

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

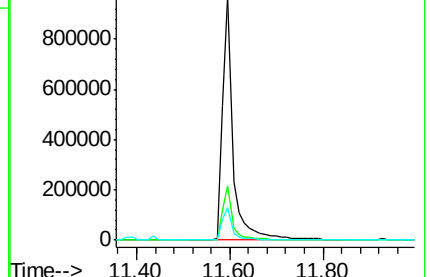
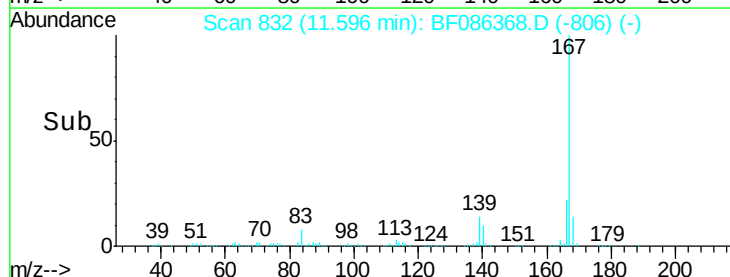
139 13.5 10.8 16.2

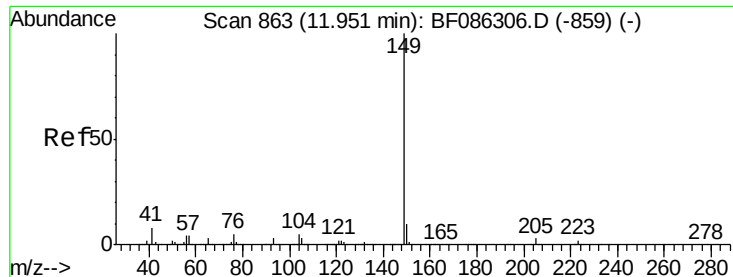


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.87 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

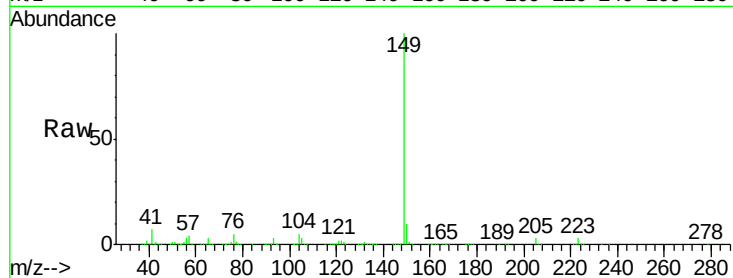
Tgt Ion:149 Resp: 1546860

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

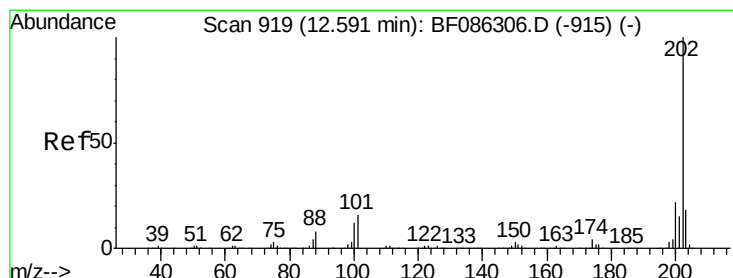
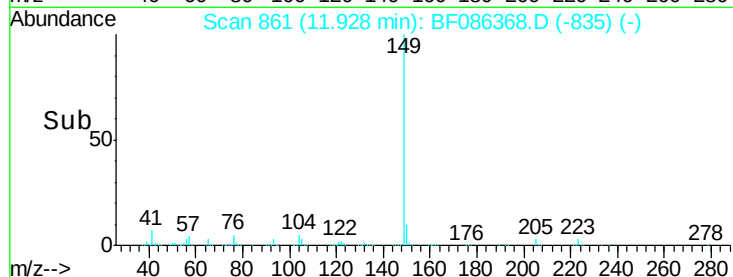
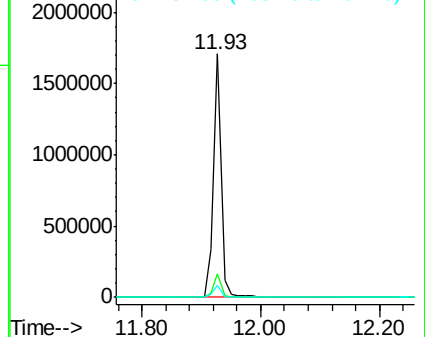
104 4.7 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.19 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

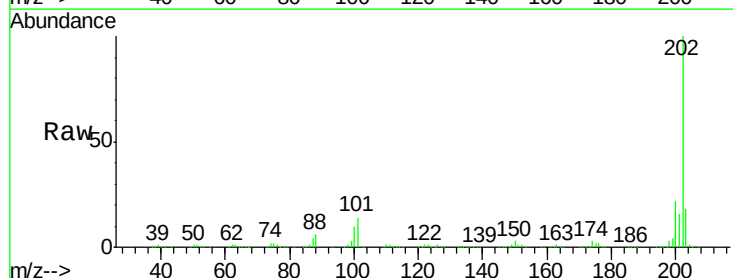
Tgt Ion:202 Resp: 1409784

Ion Ratio Lower Upper

202 100

101 13.9 0.0 35.4

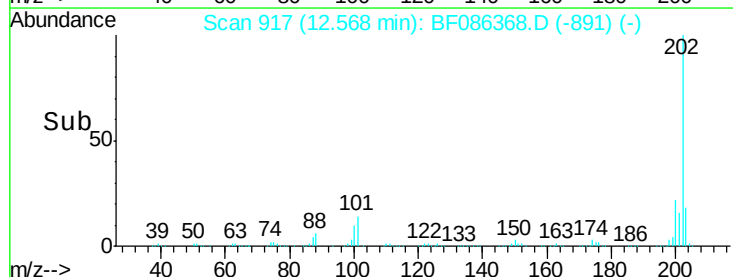
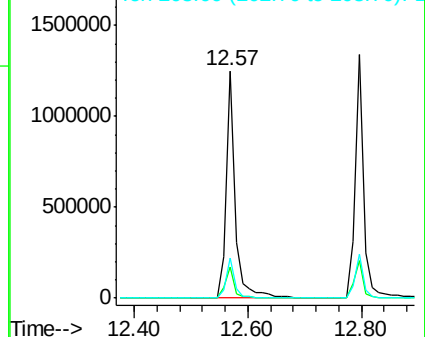
203 17.8 0.0 38.1

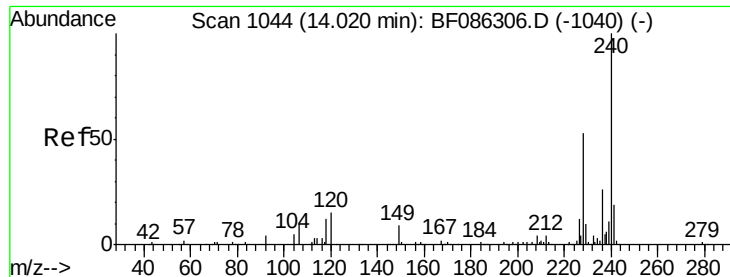


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

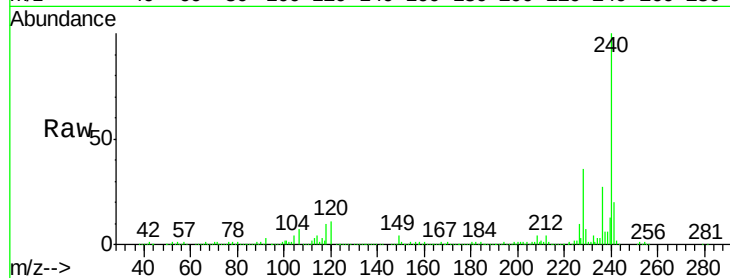
Tgt Ion:240 Resp: 539137

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

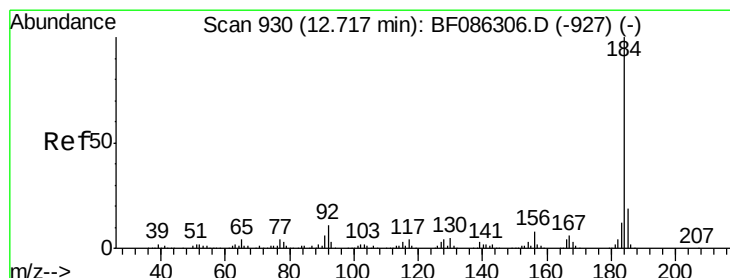
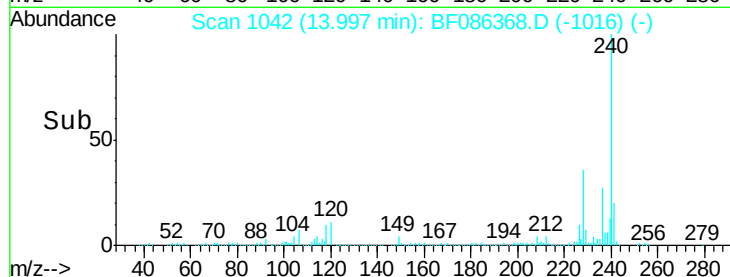
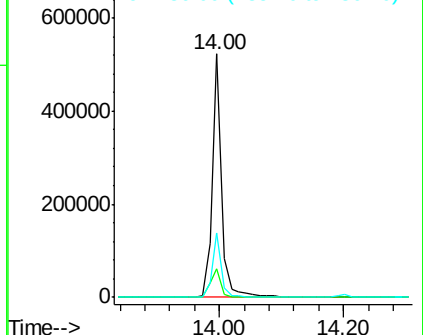
236 26.5 21.2 31.8



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: 20.37 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

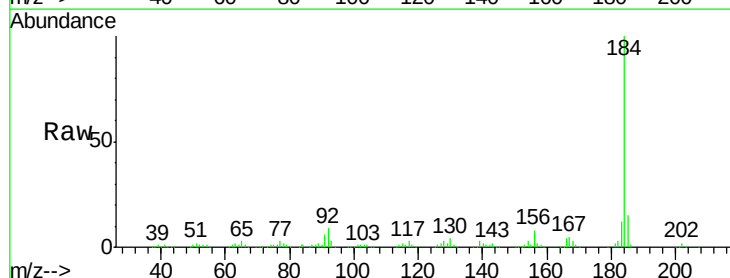
Tgt Ion:184 Resp: 450304

Ion Ratio Lower Upper

184 100

185 15.2 13.6 20.4

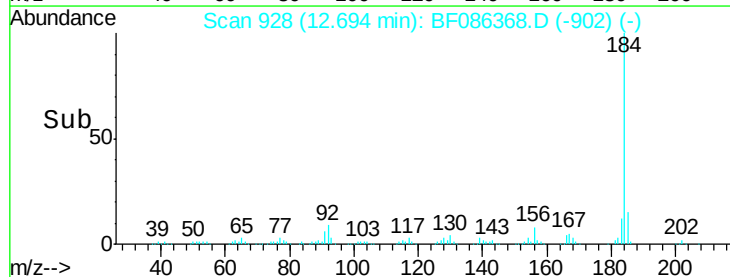
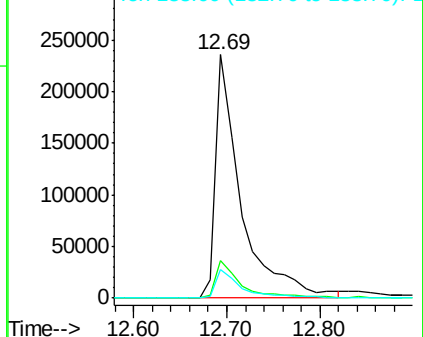
183 11.5 9.8 14.6

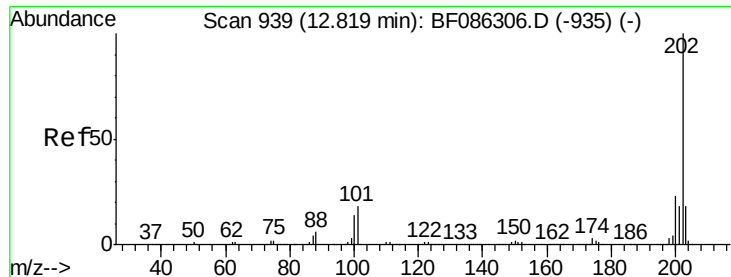


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



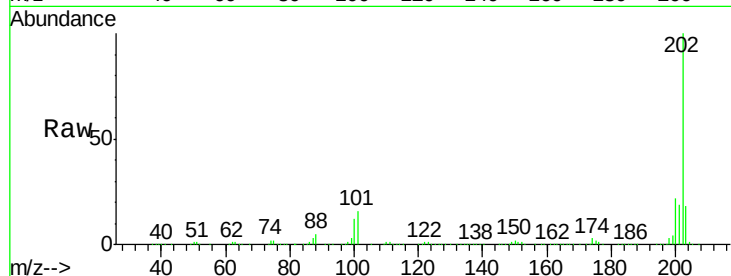


#77
 Pyrene
 Concen: 37.37 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

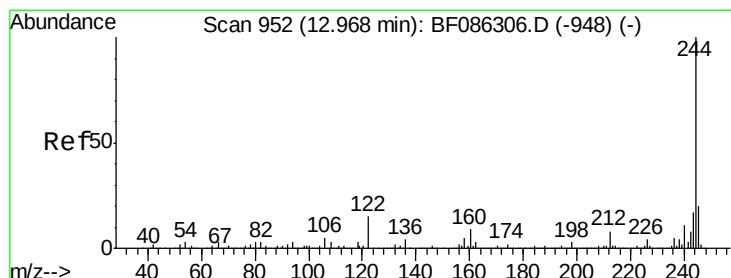
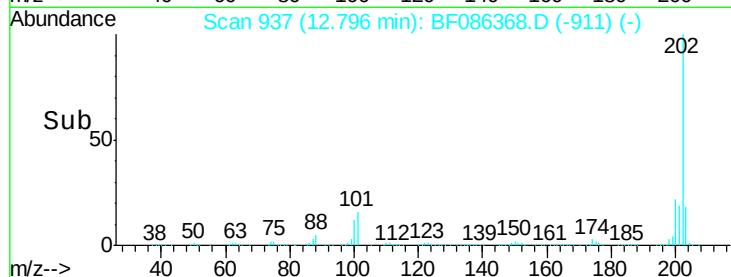
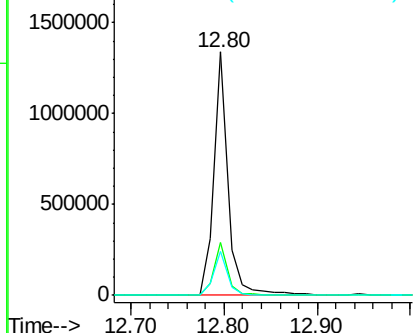
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tgt Ion: 202 Resp: 1405088

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.0	14.2	21.4



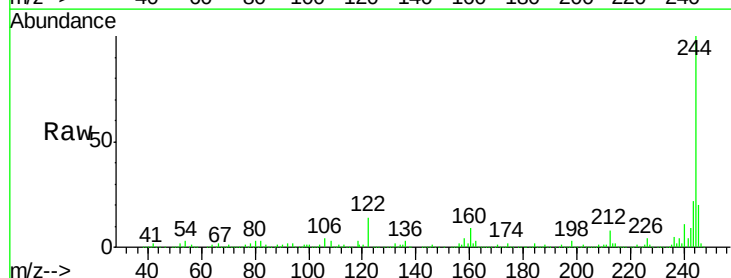
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



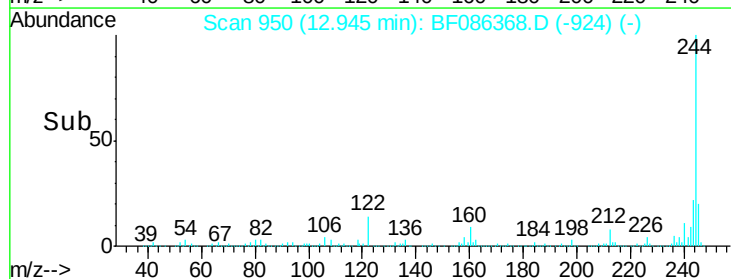
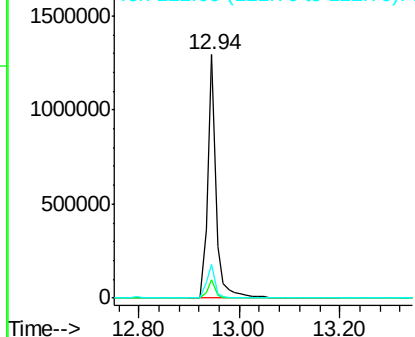
#78
 Terphenyl-d14
 Concen: 68.71 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

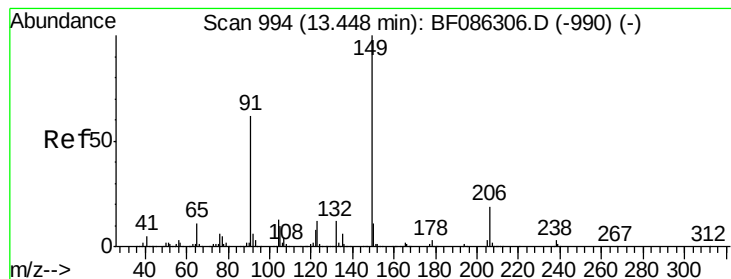
Tgt Ion: 244 Resp: 1490879

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.8	12.0	18.0



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





#79

Butylbenzylphthalate

Concen: 40.17 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

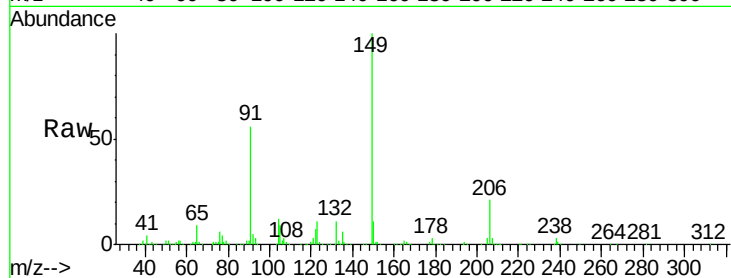
Tgt Ion:149 Resp: 703591

Ion Ratio Lower Upper

149 100

91 55.5 48.0 72.0

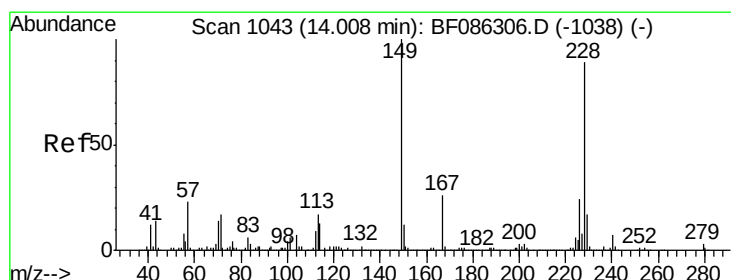
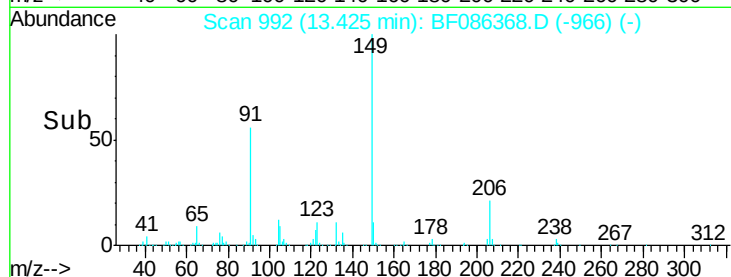
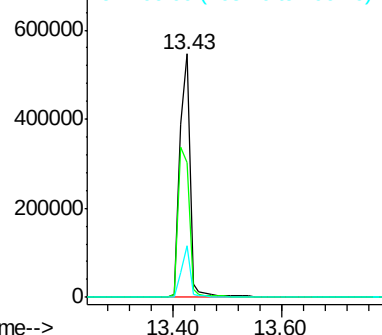
206 21.1 15.8 23.6



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: 36.58 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

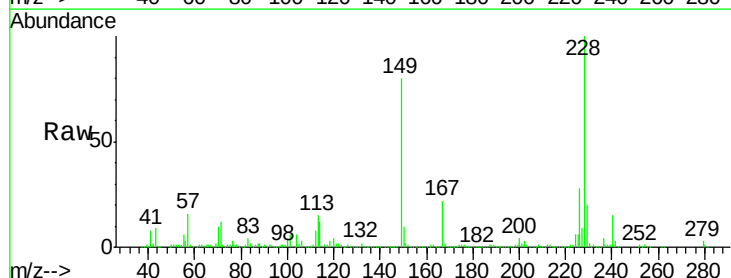
Tgt Ion:228 Resp: 1023742

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

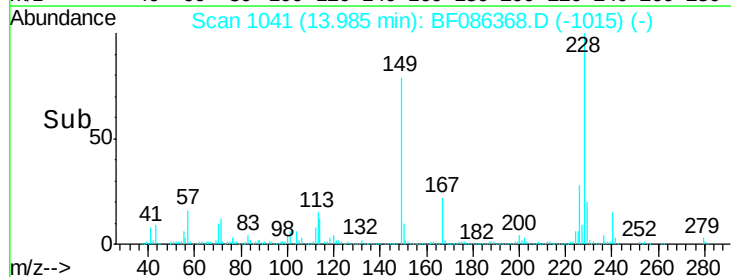
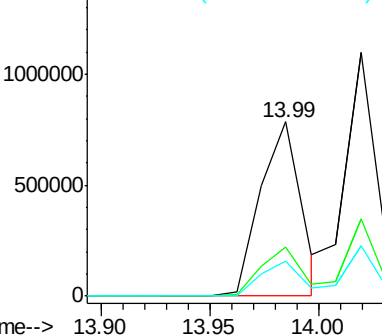
229 20.2 16.6 25.0

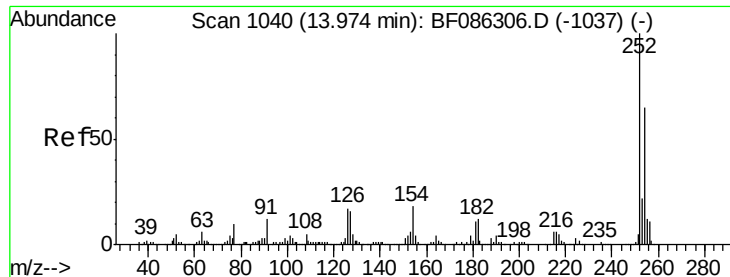


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

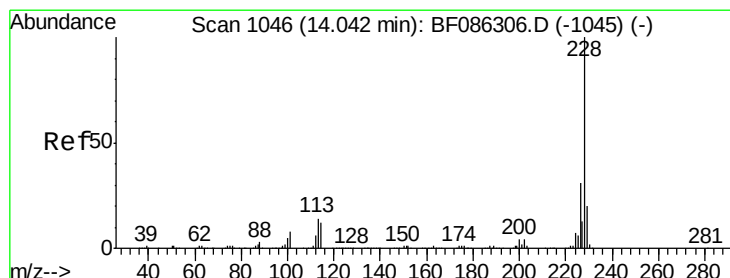
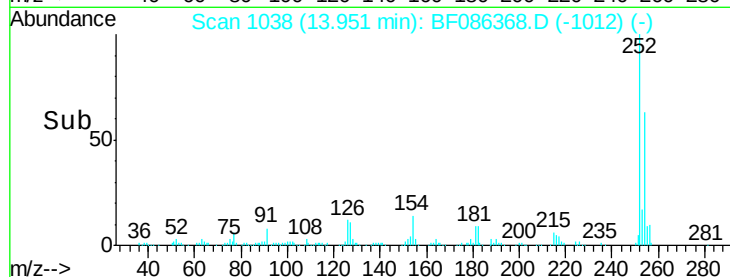
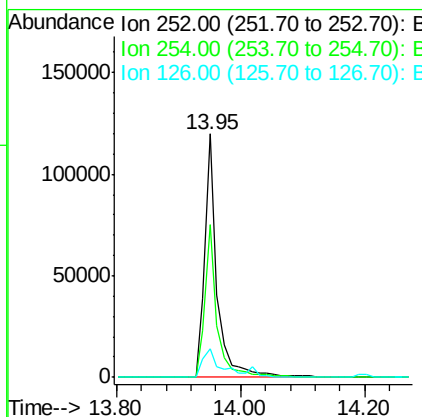
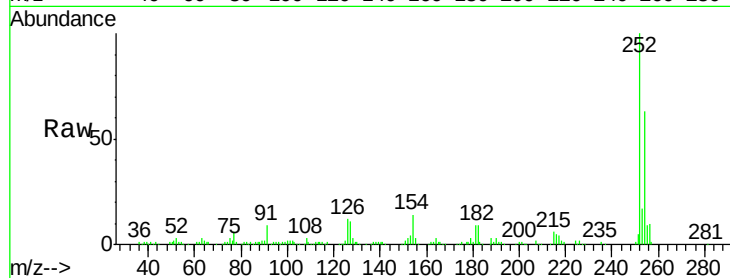




#81
 3,3'-Dichlorobenzidine
 Concen: 8.63 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

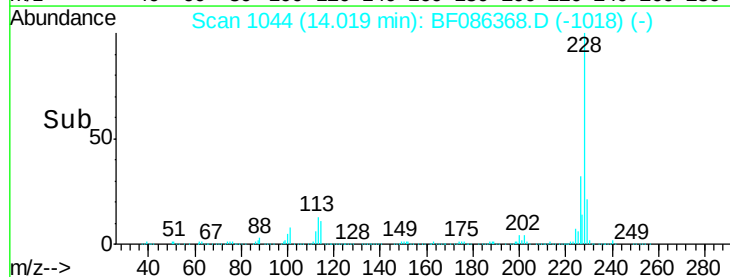
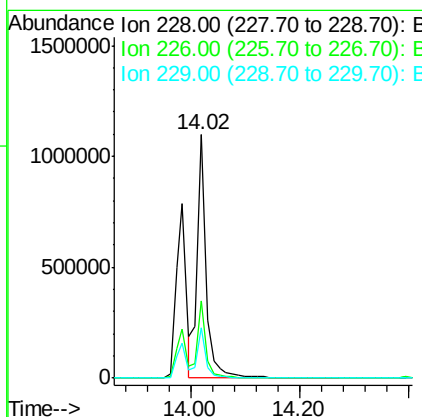
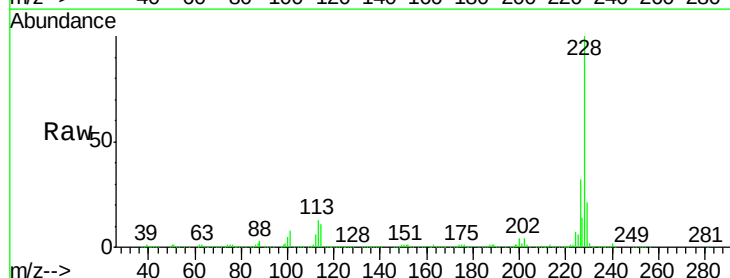
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

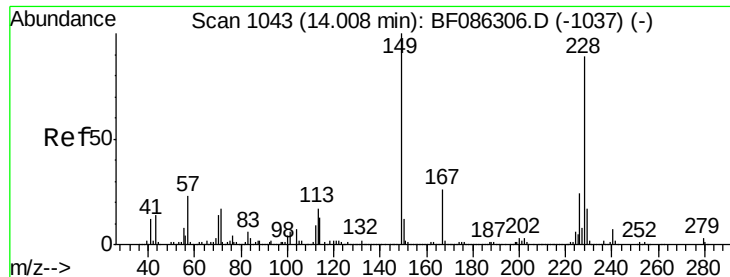
Tgt Ion:252 Resp: 166667
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.7 76.1
 126 11.6 12.7 19.1#



#82
 Chrysene
 Concen: 39.51 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:228 Resp: 1245986
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.4 36.6
 229 20.6 15.8 23.8

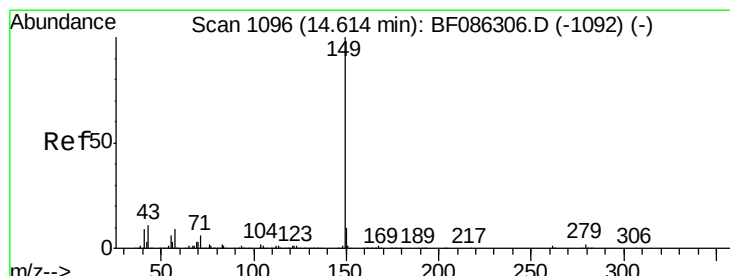
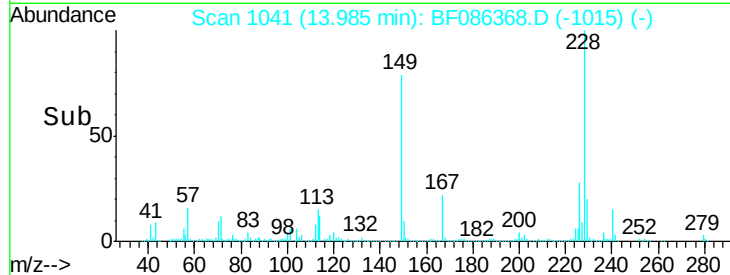
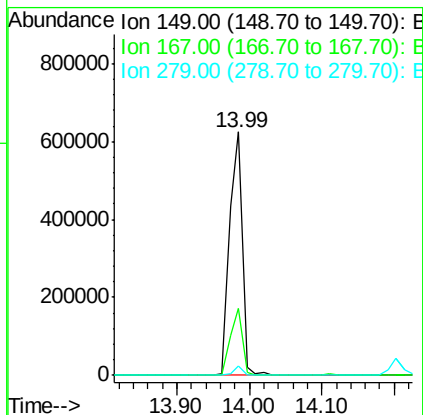
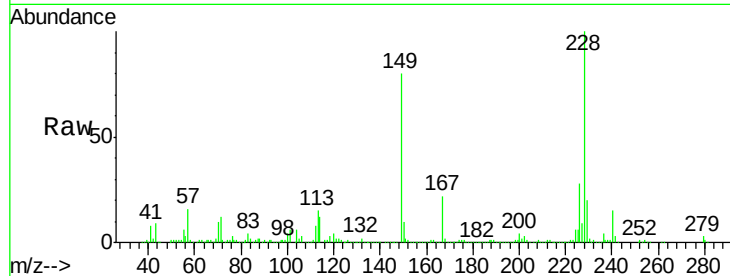




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.75 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

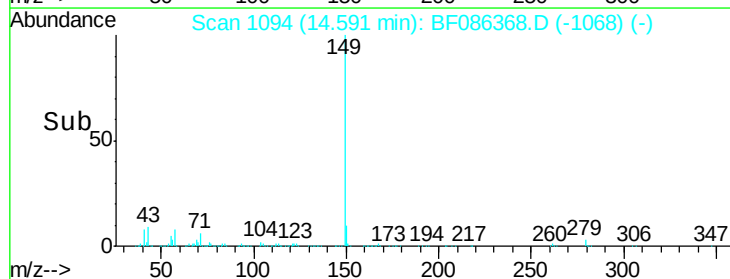
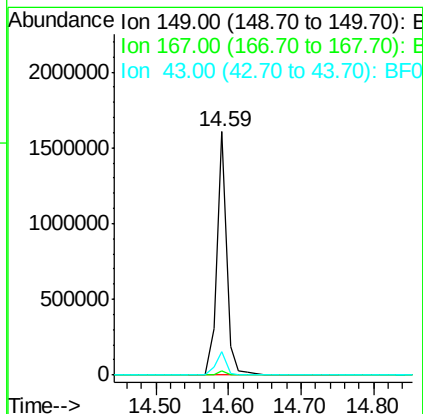
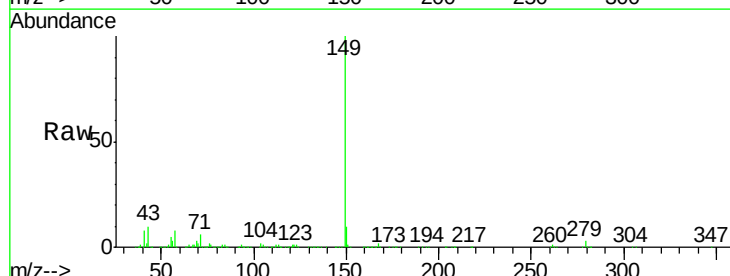
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

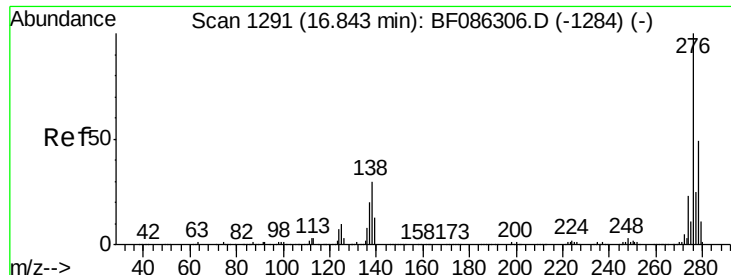
Tgt Ion:149 Resp: 760024
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.6
 279 3.6 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 39.75 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion:149 Resp: 1496811
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.2 12.4

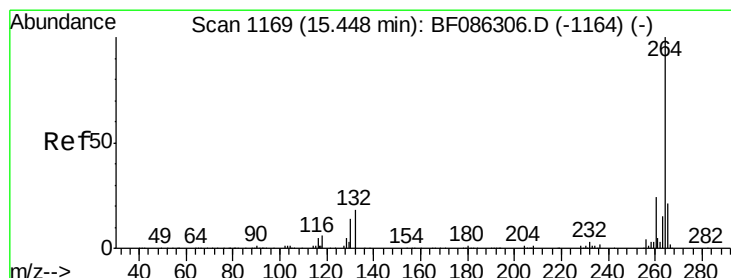
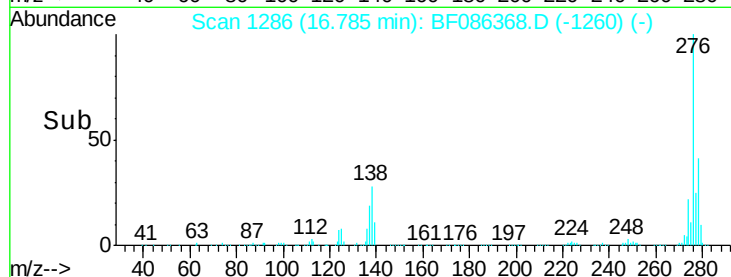
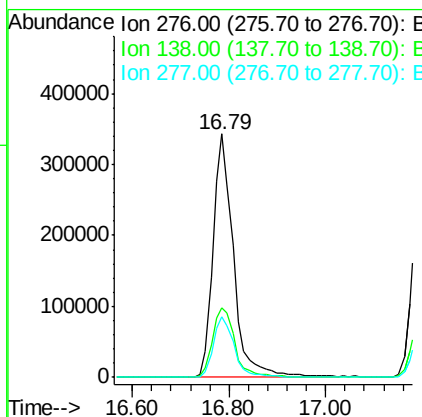
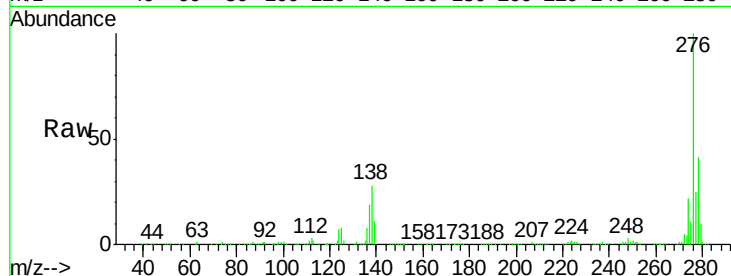




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.48 ng
 RT: 16.79 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

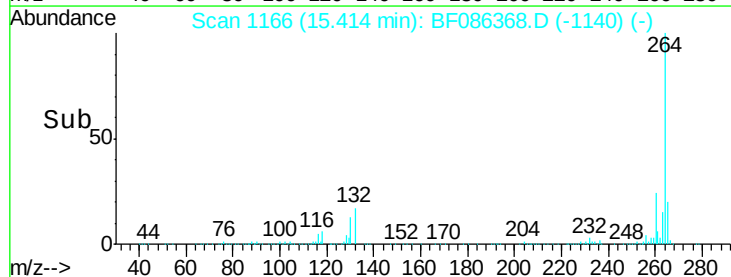
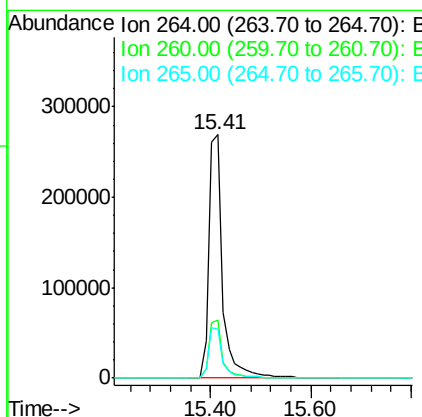
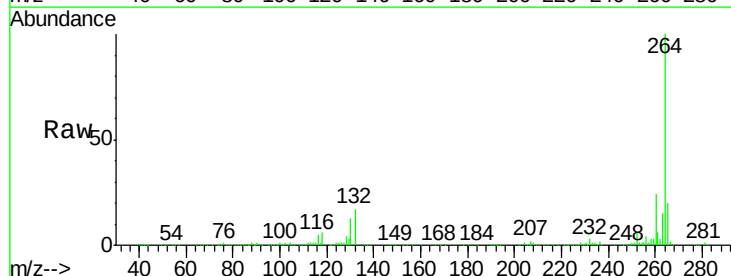
Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

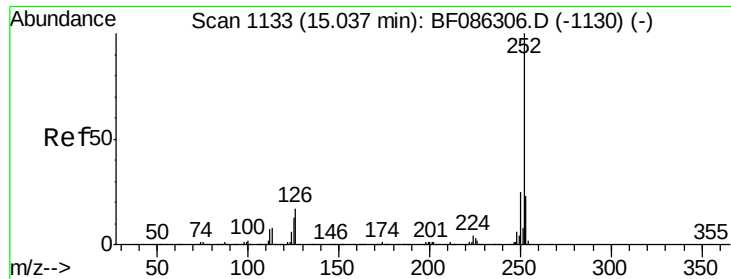
Tgt Ion: 276 Resp: 1022543
 Ion Ratio Lower Upper
 276 100
 138 31.7 25.6 38.4
 277 25.8 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Tgt Ion: 264 Resp: 510565
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 80.59 ng

RT: 15.04 min Scan# 1133

Delta R.T. 0.03 min

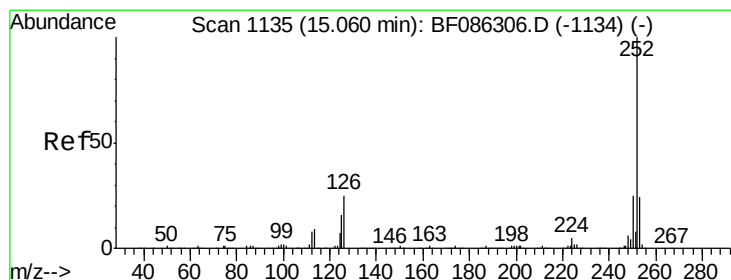
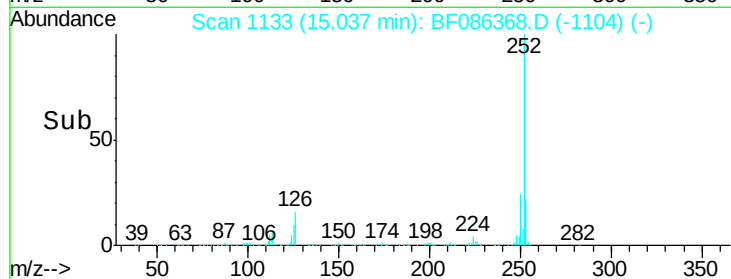
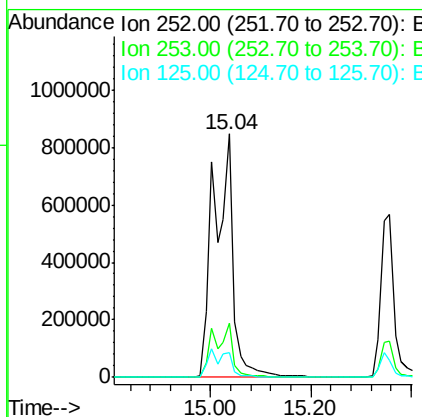
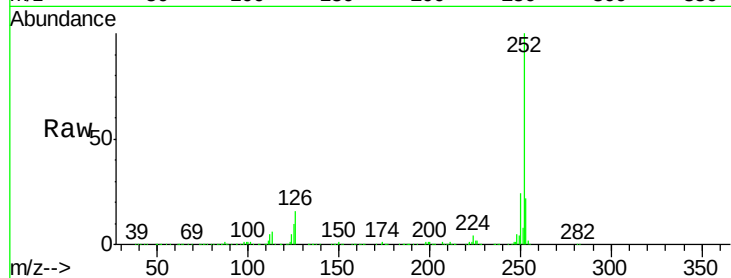
Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB89989BS

Tgt Ion:252 Resp: 2258499

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.3	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 82.18 ng

RT: 15.04 min Scan# 1133

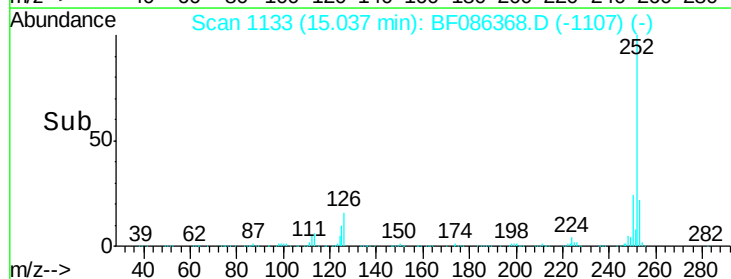
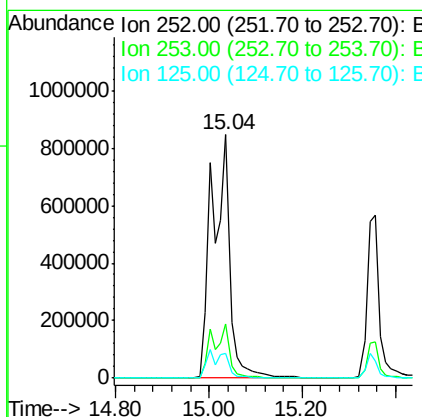
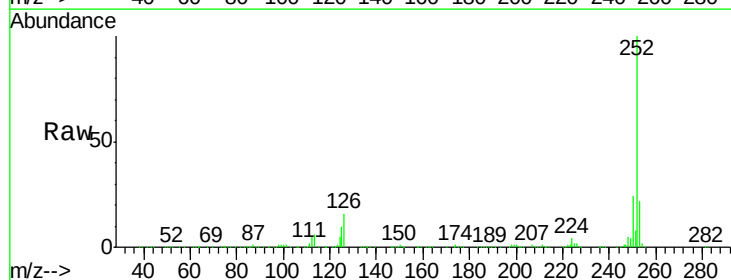
Delta R.T. 0.00 min

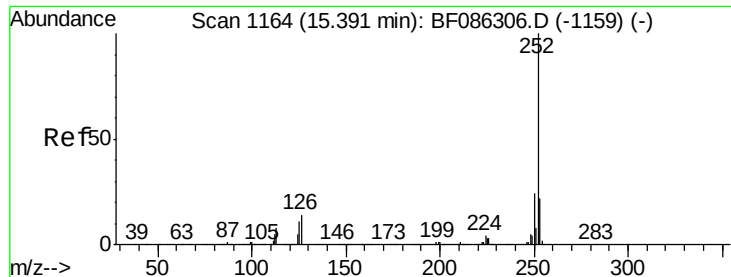
Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Tgt Ion:252 Resp: 2260460

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.3	9.1	13.7





#89

Benzo(a)pyrene

Concen: 38.56 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB89989BS

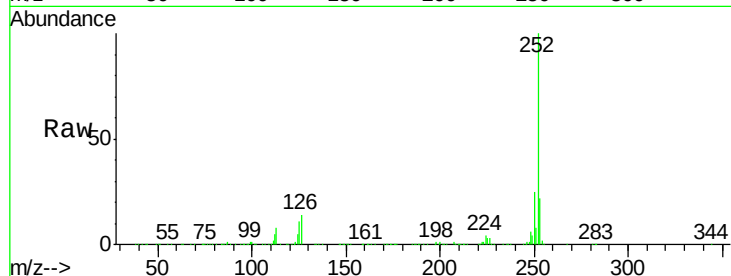
Tgt Ion:252 Resp: 1066124

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

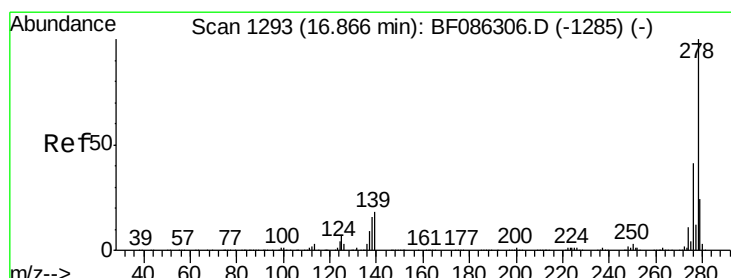
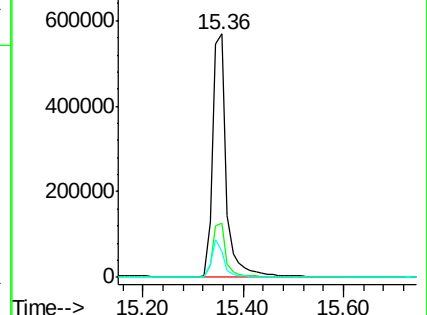
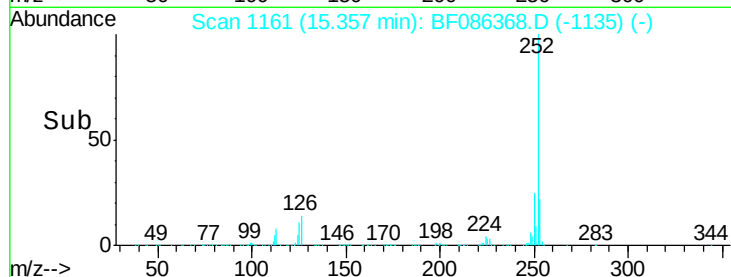
125 10.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.93 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF086368.D

Acq: 23 Apr 2016 3:52

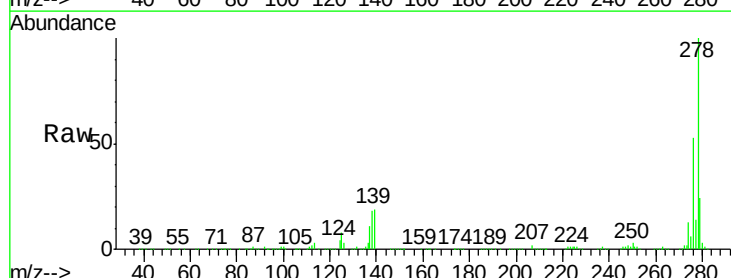
Tgt Ion:278 Resp: 842341

Ion Ratio Lower Upper

278 100

139 18.6 16.6 24.8

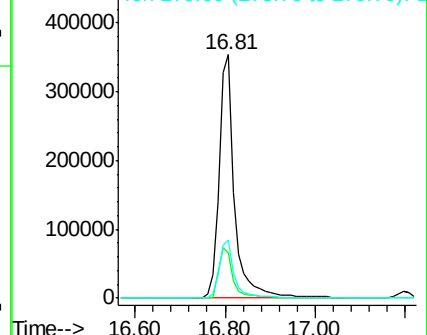
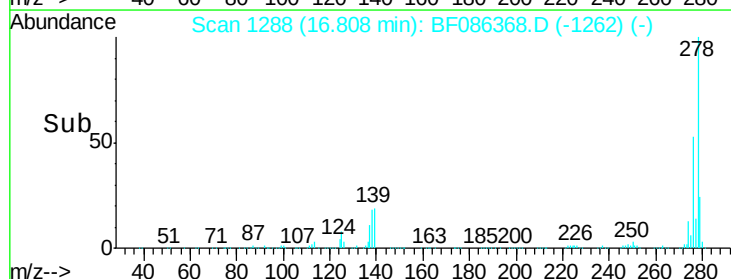
279 24.0 19.6 29.4

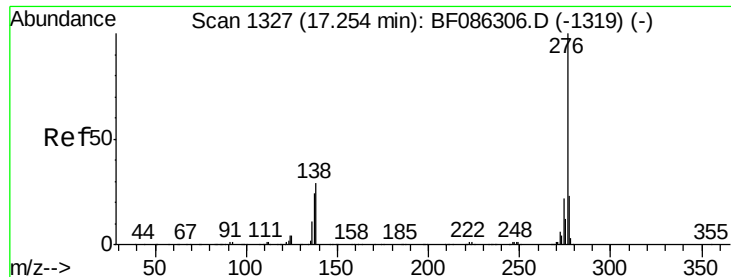


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 36.70 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF086368.D
 Acq: 23 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB89989BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	27.9	23.6	35.4

