

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086536.D
 Acq On : 30 Apr 2016 21:08
 Operator : UM/SJ
 Sample : PB90099BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:25:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132801	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	594906	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	283899	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	570294	20.00	ng	0.00
75) Chrysene-d12	13.92	240	450774	20.00	ng	0.00
86) Perylene-d12	15.31	264	353744	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	835904	108.57	ng	0.01
7) Phenol-d6	6.41	99	1076689	100.20	ng	0.00
23) Nitrobenzene-d5	7.33	82	688967	62.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	285223	95.27	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1158633	68.23	ng	-0.01
78) Terphenyl-d14	12.86	244	1136398	55.54	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	115468	28.55	ng	# 76
3) Pyridine	3.06	79	305539	31.92	ng	# 73
4) n-Nitrosodimethylamine	3.00	42	186017	34.10	ng	# 60
6) Aniline	6.43	93	275082	21.15	ng	97
8) 2-Chlorophenol	6.54	128	302426	31.54	ng	# 79
9) Benzaldehyde	6.30	77	42433	6.79	ng	96
10) Phenol	6.42	94	423172	35.30	ng	77
11) bis(2-Chloroethyl)ether	6.51	93	321473	31.02	ng	98
12) 1,3-Dichlorobenzene	6.70	146	316334	30.67	ng	95
13) 1,4-Dichlorobenzene	6.78	146	331755	31.17	ng	97
14) 1,2-Dichlorobenzene	6.93	146	303300	31.08	ng	96
15) Benzyl Alcohol	6.91	79	249417	36.69	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	625477	30.15	ng	89
17) 2-Methylphenol	7.04	107	258274	33.32	ng	96
18) Hexachloroethane	7.28	117	120518	30.30	ng	100
19) n-Nitroso-di-n-propylamine	7.18	70	233254	32.84	ng	# 74
20) 3+4-Methylphenols	7.18	107	314028	35.49	ng	# 90
22) Acetophenone	7.18	105	427495	32.77	ng	# 87
24) Nitrobenzene	7.36	77	334006	29.42	ng	# 86
25) Isophorone	7.60	82	657557	30.96	ng	97
26) 2-Nitrophenol	7.68	139	157966	30.22	ng	93
27) 2,4-Dimethylphenol	7.71	122	276904	30.19	ng	90
28) bis(2-Chloroethoxy)methane	7.81	93	389926	33.70	ng	100
29) 2,4-Dichlorophenol	7.92	162	267540	34.57	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	275815	30.72	ng	98
31) Naphthalene	8.08	128	962534	31.80	ng	100
32) Benzoic acid	7.84	122	128585	27.70	ng	89
33) 4-Chloroaniline	8.13	127	180786	15.95	ng	98
34) Hexachlorobutadiene	8.19	225	141417	28.10	ng	98
35) Caprolactam	8.49	113	58027	22.48	ng	# 66
36) 4-Chloro-3-methylphenol	8.61	107	287746	32.48	ng	93
37) 2-Methylnaphthalene	8.76	142	569560	31.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	251531	30.95	ng	97
40) Hexachlorocyclopentadiene	8.92	237	245844	60.88	ng	95

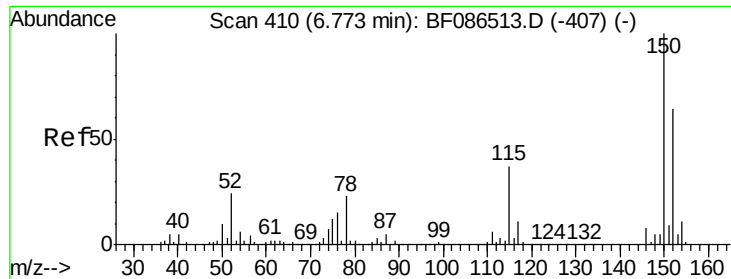
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
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 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	177909	34.63	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	181452	32.41	nq	98
45) 1,1'-Biphenyl	9.23	154	748551	31.54	nq	97
46) 2-Chloronaphthalene	9.25	162	564324	31.28	nq	96
47) 2-Nitroaniline	9.36	65	202779	35.05	nq	96
48) Acenaphthylene	9.66	152	860805	30.52	nq	99
49) Dimethylphthalate	9.54	163	699797	32.74	nq	99
50) 2,6-Dinitrotoluene	9.60	165	154431	34.98	nq	97
51) Acenaphthene	9.84	154	615139	33.96	nq	98
52) 3-Nitroaniline	9.76	138	106032	21.12	nq	# 78
53) 2,4-Dinitrophenol	9.87	184	142714	61.16	nq	# 86
54) Dibenzofuran	10.01	168	777490	34.34	nq	96
55) 4-Nitrophenol	9.93	139	208238	63.33	nq	# 60
56) 2,4-Dinitrotoluene	10.00	165	190180	33.79	nq	94
57) Fluorene	10.35	166	581625	29.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	166073	37.94	nq	92
59) Diethylphthalate	10.24	149	683421	33.78	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	280902	31.47	nq	# 82
61) 4-Nitroaniline	10.37	138	166204	33.86	nq	# 77
62) Azobenzene	10.51	77	773125	34.89	nq	88
64) 4,6-Dinitro-2-methylphenol	10.41	198	104525	31.22	nq	92
65) n-Nitrosodiphenylamine	10.46	169	534634	30.00	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	176803	30.09	nq	91
67) Hexachlorobenzene	10.90	284	205996	30.28	nq	# 87
68) Atrazine	10.99	200	173496	32.42	nq	94
69) Pentachlorophenol	11.09	266	208709	58.20	nq	96
70) Phenanthrene	11.31	178	935079	31.24	nq	100
71) Anthracene	11.36	178	991247	31.04	nq	100
72) Carbazole	11.52	167	902289	31.87	nq	99
73) Di-n-butylphthalate	11.86	149	1038662	32.39	nq	98
74) Fluoranthene	12.49	202	956361	31.66	nq	100
76) Benzidine	12.61	184	288710	18.64	nq	97
77) Pyrene	12.72	202	946902	29.15	nq	99
79) Butylbenzylphthalate	13.35	149	425250	30.23	nq	# 79
80) Benzo(a)anthracene	13.91	228	790400	32.89	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	162275	10.10	nq	95
82) Chrysene	13.94	228	746409	28.57	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	485050	27.78	nq	97
84) Di-n-octyl phthalate	14.51	149	794501	29.05	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	653263	33.75	nq	97
87) Benzo(b)fluoranthene	14.95	252	1410142	67.76	nq	# 96
88) Benzo(k)fluoranthene	14.95	252	1413285	65.11	nq	98
89) Benzo(a)pyrene	15.25	252	643609	32.76	nq	100
90) Dibenzo(a,h)anthracene	16.66	278	547197	34.03	nq	96
91) Benzo(g,h,i)perylene	17.04	276	548234	34.02	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampled :

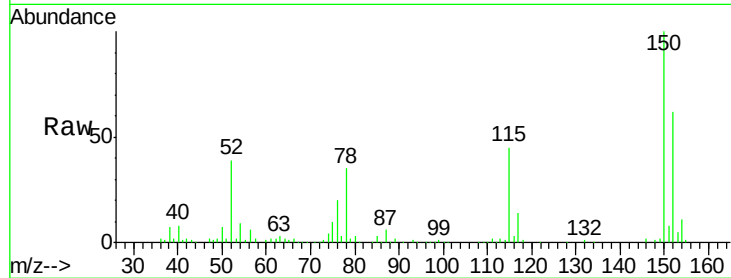
Tot Ion:152 Resp: 132801

Ion Ratio Lower Upper

152 100

150 160.3 125.8 188.6

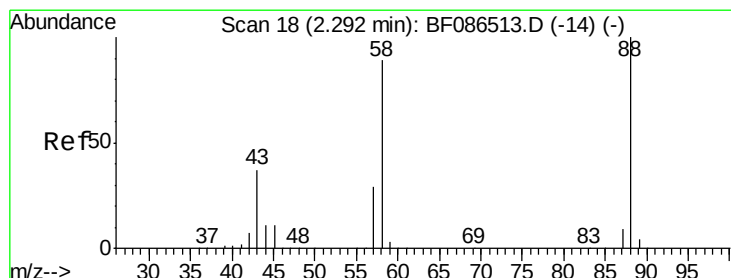
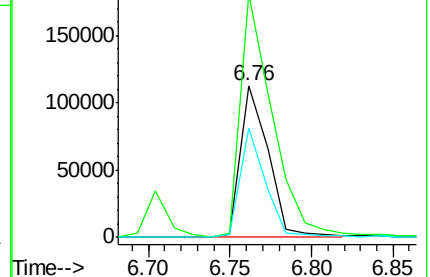
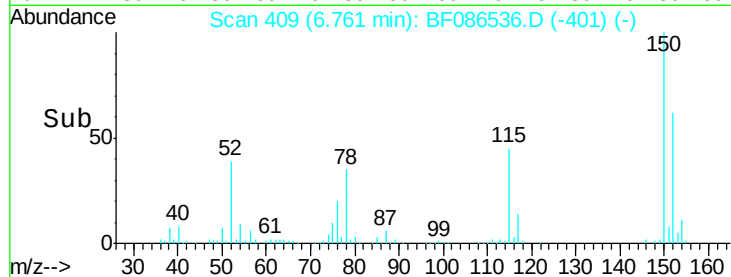
115 72.1 51.5 77.3



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: 28.55 ng

RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

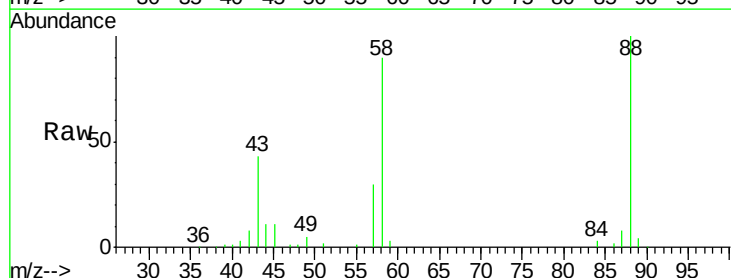
Tgt Ion: 88 Resp: 115468

Ion Ratio Lower Upper

88 100

58 92.0 59.6 89.4#

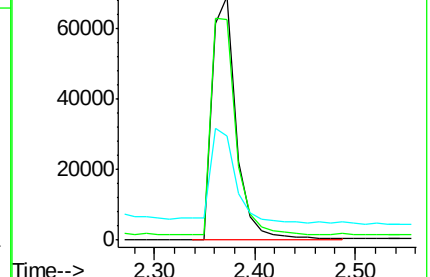
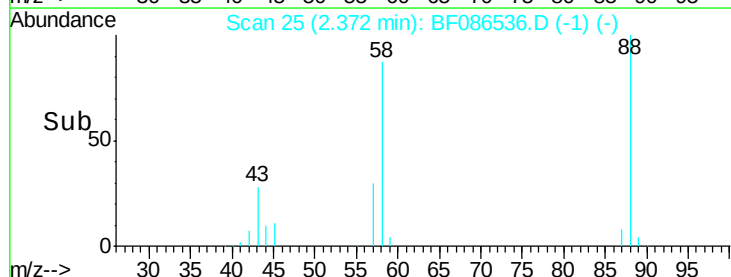
43 44.3 21.8 32.6#

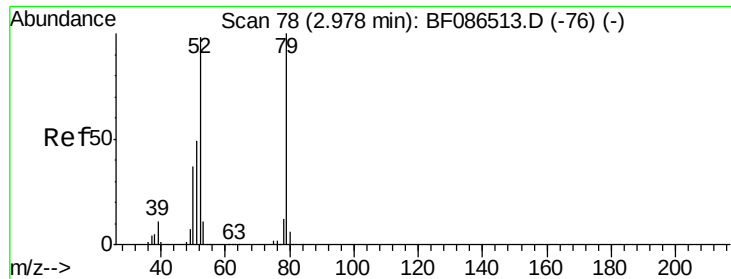


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.92 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampled :

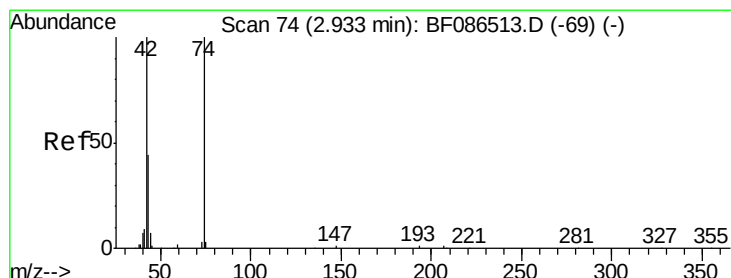
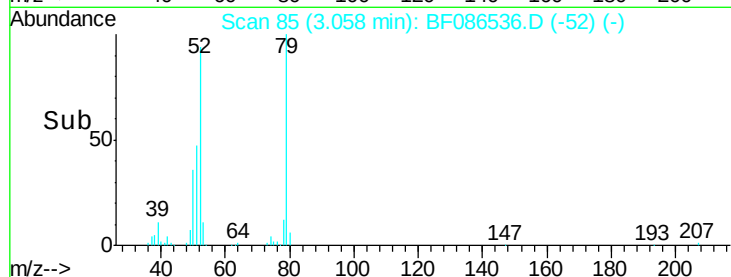
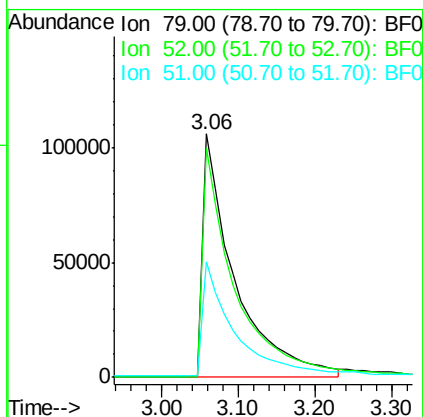
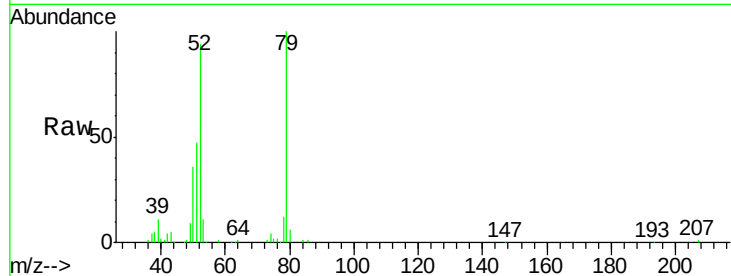
Tot Ion: 79 Resp: 305539

Ion Ratio Lower Upper

79 100

52 94.3 55.9 83.9#

51 47.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 34.10 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

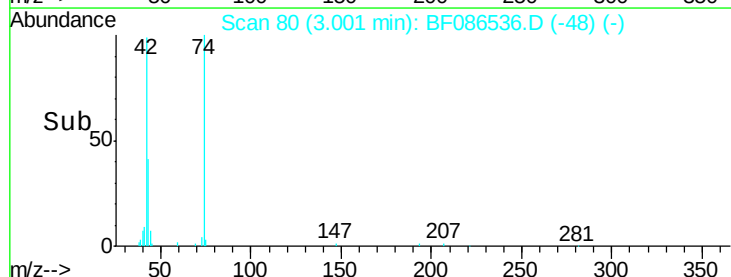
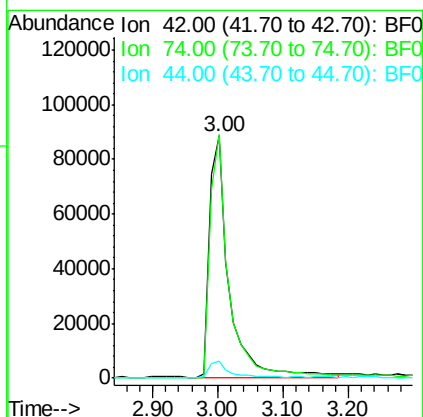
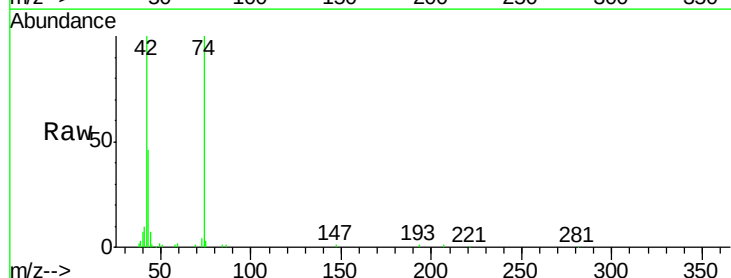
Tgt Ion: 42 Resp: 186017

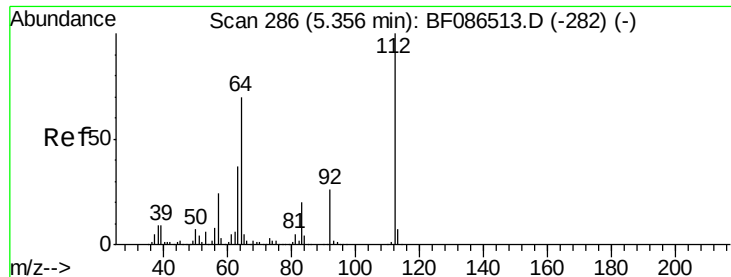
Ion Ratio Lower Upper

42 100

74 100.5 123.4 185.0#

44 7.1 5.8 8.6





#5

2-Fluorophenol

Concen: 108.57 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

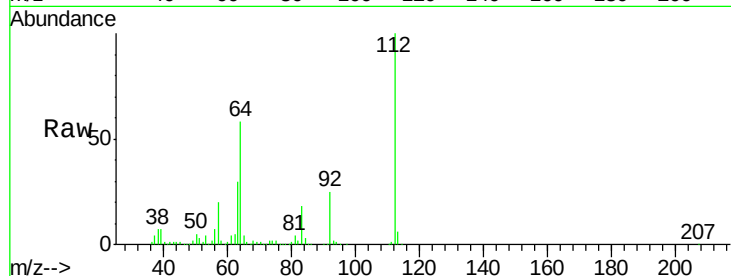
Tot Ion:112 Resp: 835904

Ion Ratio Lower Upper

112 100

64 57.9 52.1 78.1

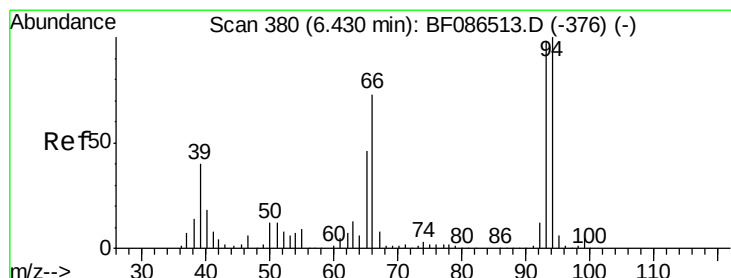
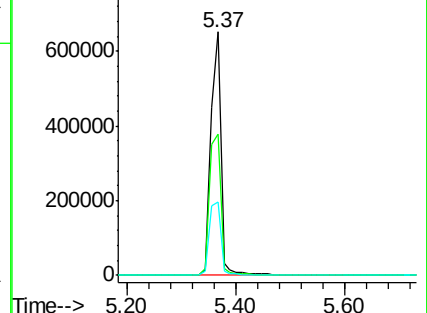
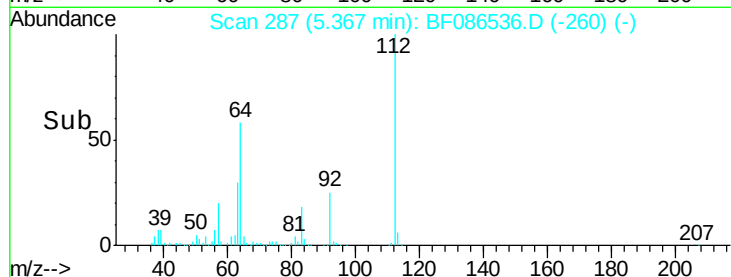
63 30.3 25.7 38.5



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: 21.15 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

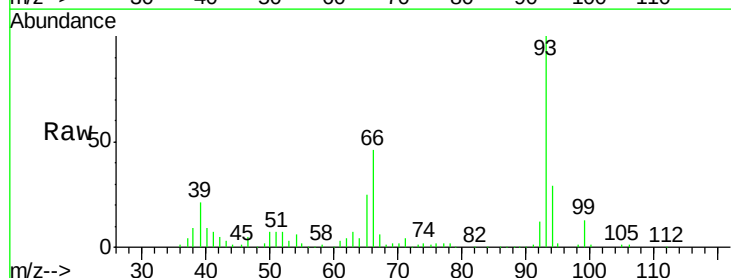
Tgt Ion: 93 Resp: 275082

Ion Ratio Lower Upper

93 100

66 46.3 39.0 58.6

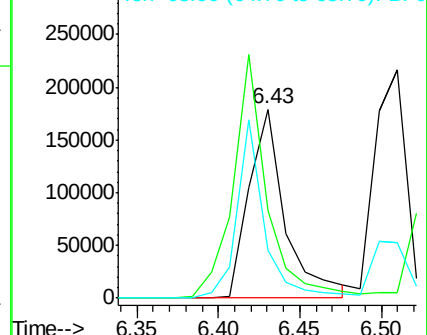
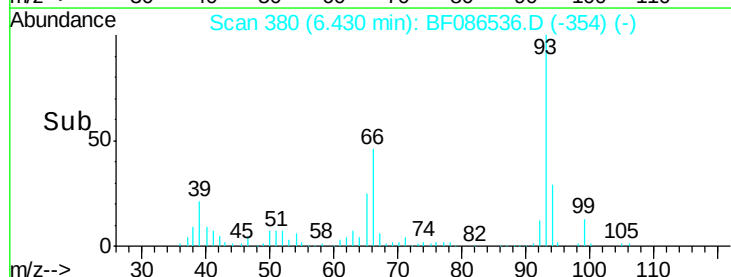
65 25.3 20.6 31.0

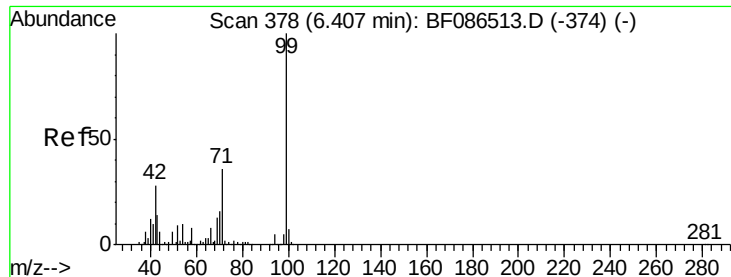


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.20 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

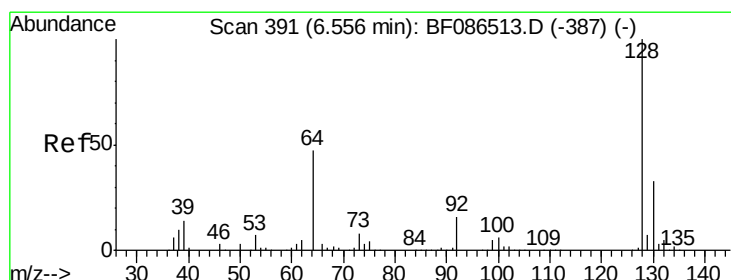
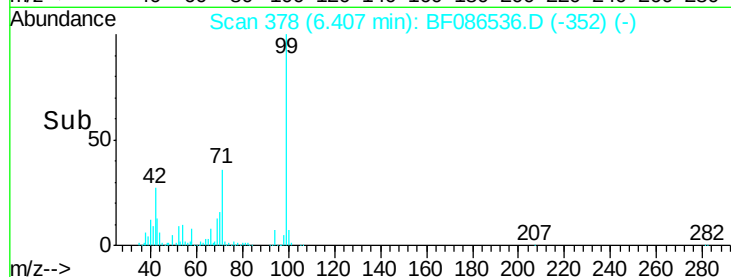
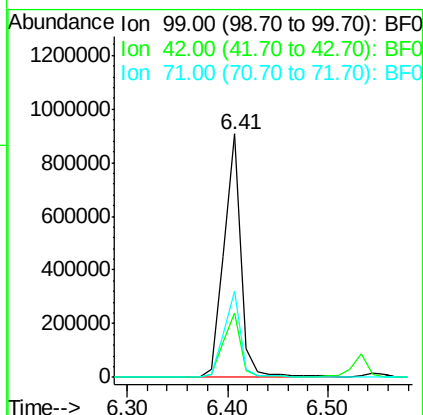
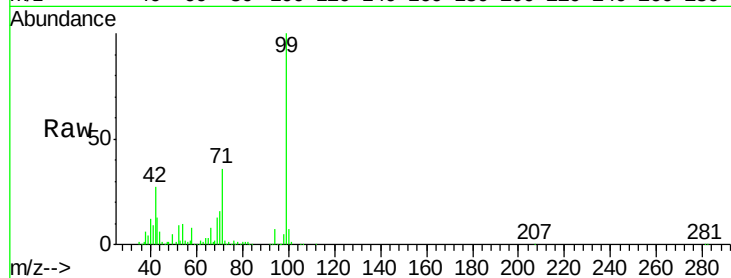
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1076689

Ion	Ratio	Lower	Upper
99	100		
42	26.6	13.6	20.4#
71	35.5	24.6	36.8



#8

2-Chlorophenol

Concen: 31.54 ng

RT: 6.54 min Scan# 390

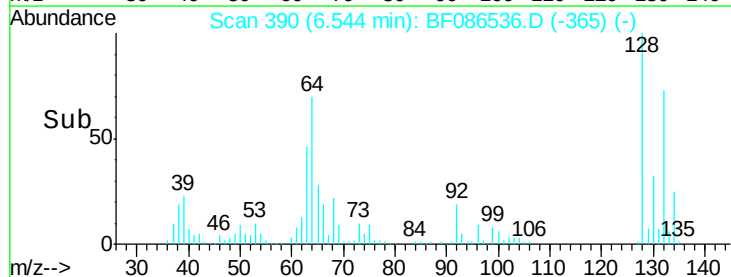
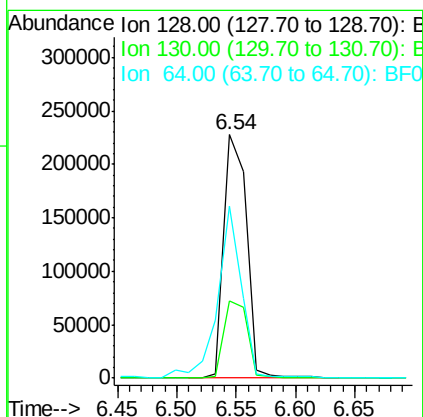
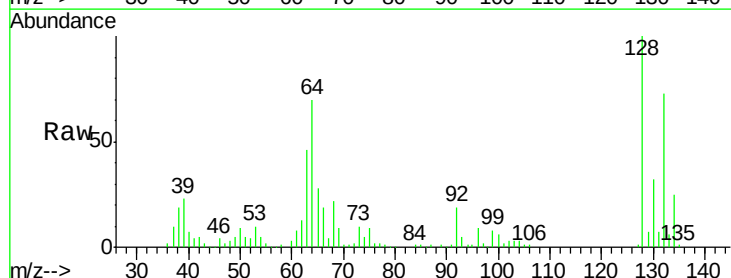
Delta R.T. -0.01 min

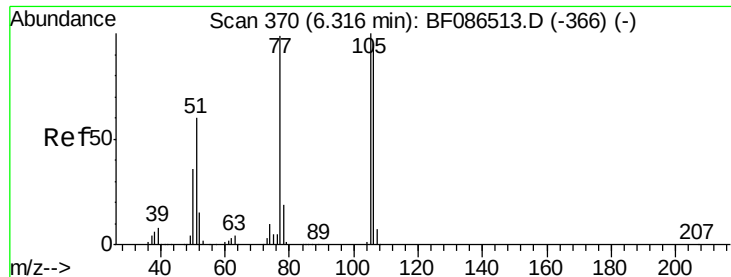
Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion: 128 Resp: 302426

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.5	52.5
64	70.5	27.3	67.3#





#9

Benzaldehyde

Concen: 6.79 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

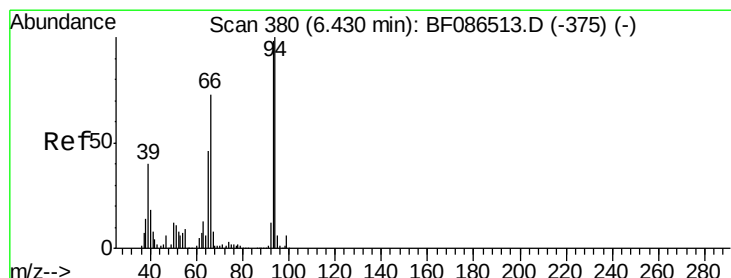
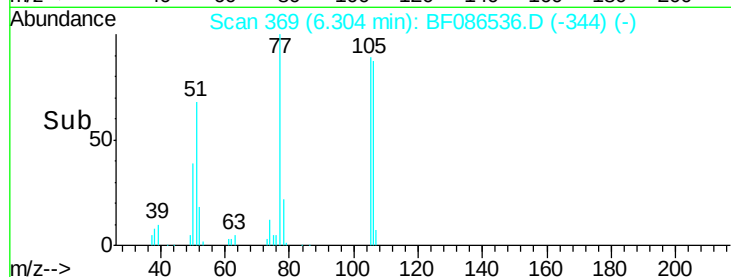
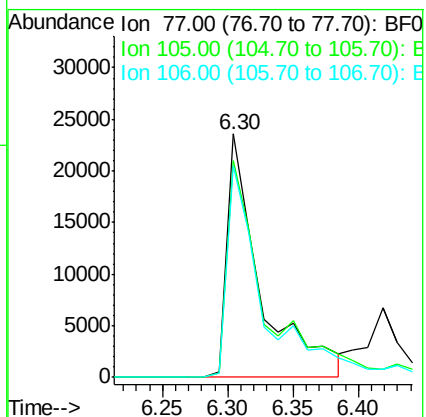
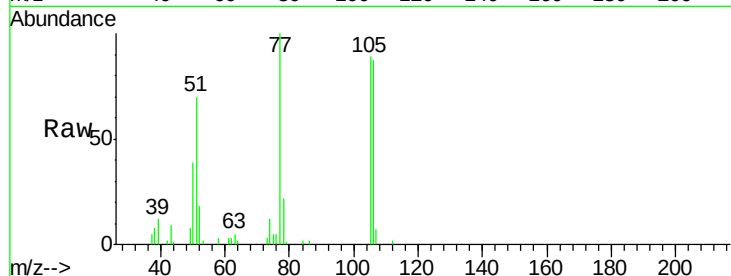
Tot Ion: 77 Resp: 42433

Ion Ratio Lower Upper

77 100

105 88.9 72.7 112.7

106 86.7 70.8 110.8



#10

Phenol

Concen: 35.30 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

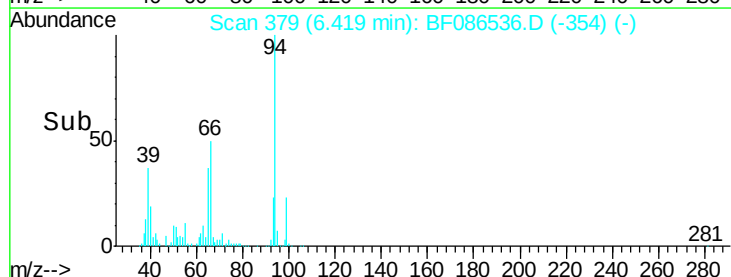
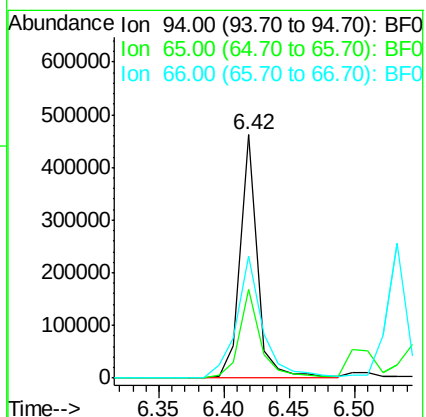
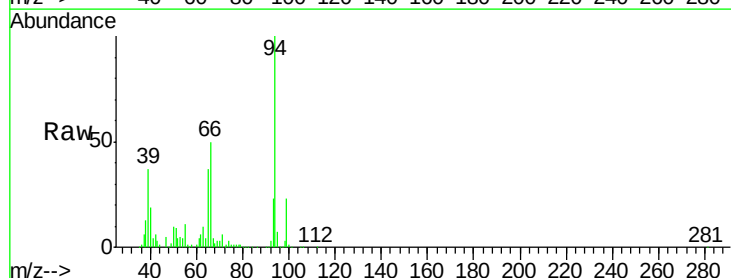
Tgt Ion: 94 Resp: 423172

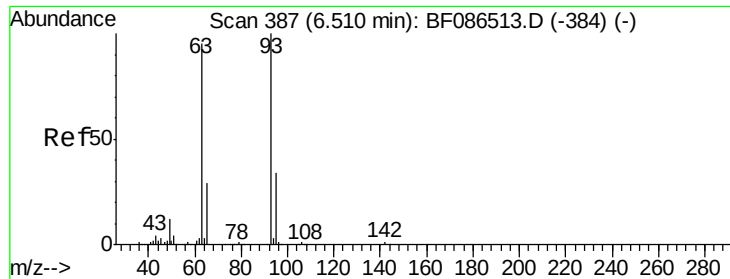
Ion Ratio Lower Upper

94 100

65 36.7 7.2 47.2

66 50.0 14.9 54.9

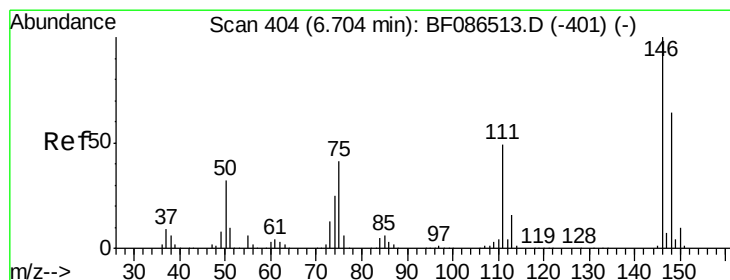
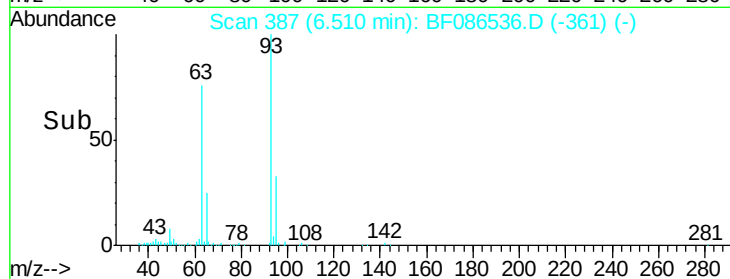
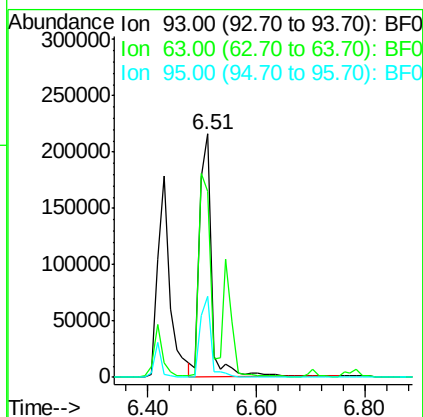
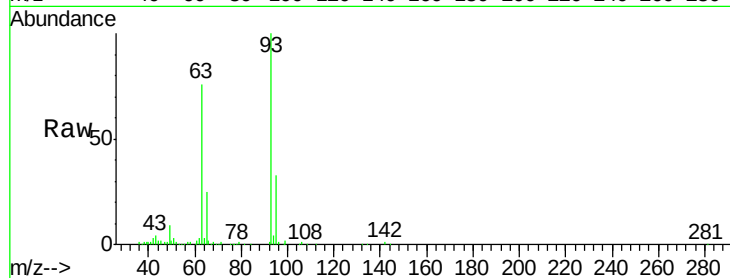




#11
bis(2-Chloroethyl)ether
Concen: 31.02 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

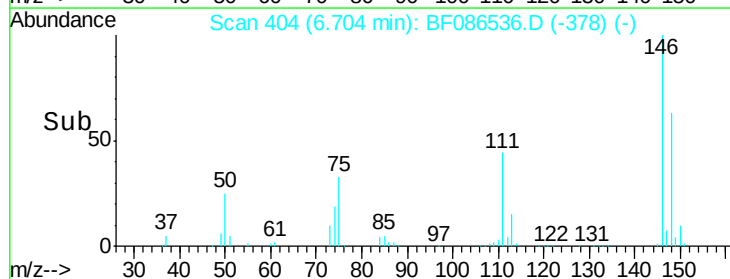
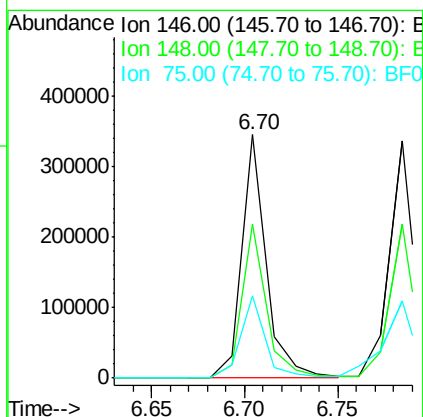
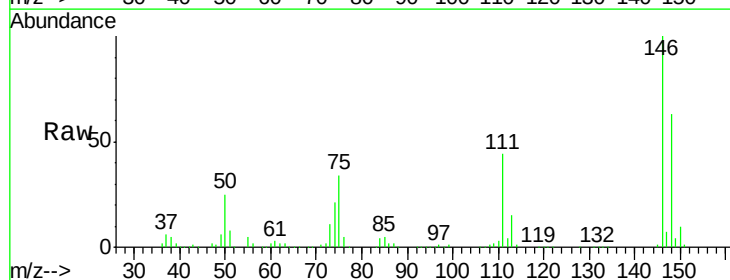
Instrument :
BNA_F
ClientSampled :

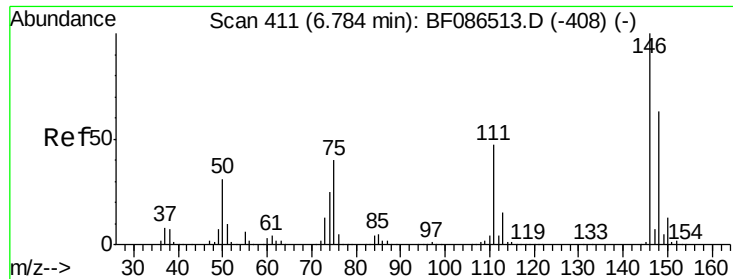
Tot Ion: 93 Resp: 321473
Ion Ratio Lower Upper
93 100
63 76.3 58.0 98.0
95 33.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 30.67 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion: 146 Resp: 316334
Ion Ratio Lower Upper
146 100
148 63.4 52.4 78.6
75 33.9 22.8 34.2

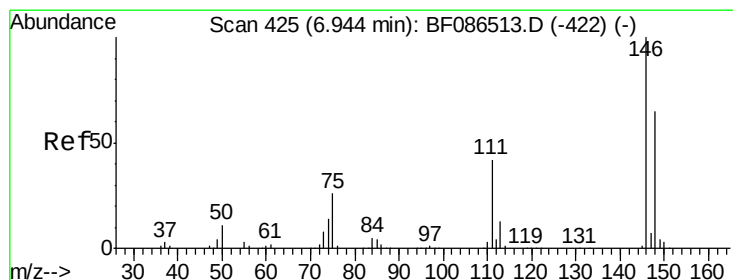
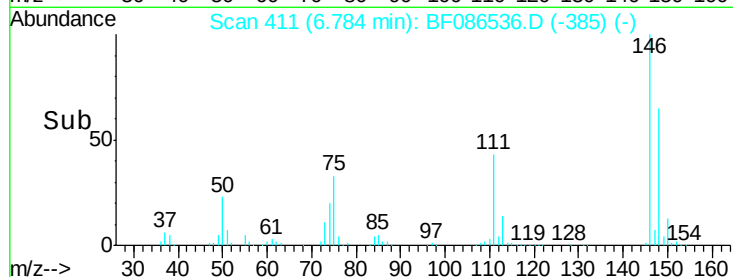
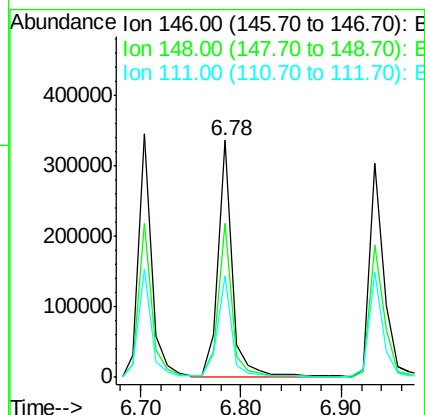
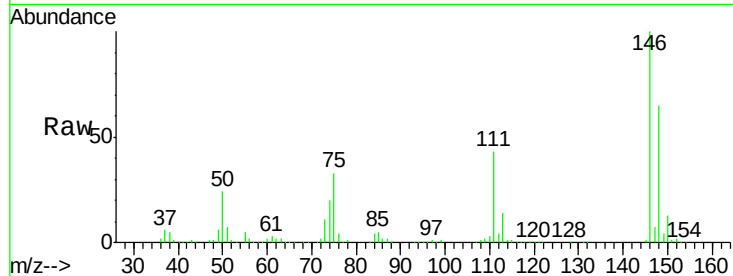




#13
 1,4-Dichlorobenzene
 Concen: 31.17 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

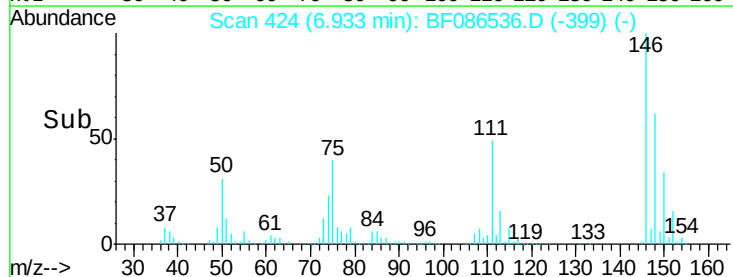
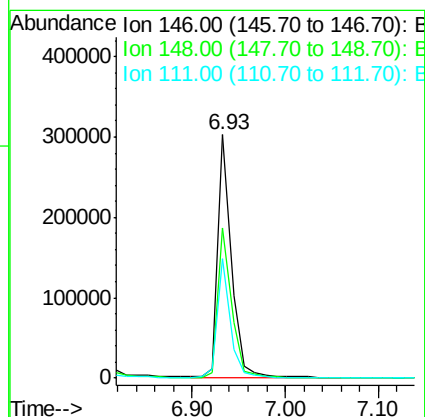
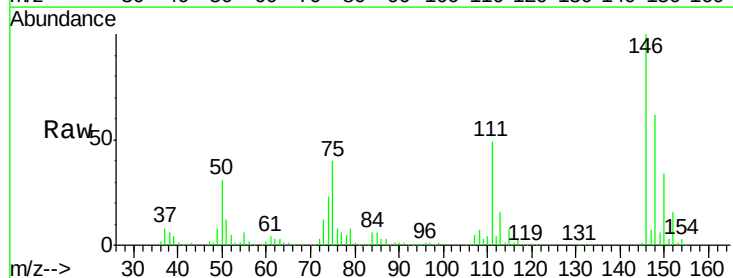
Instrument :
 BNA_F
 ClientSampleID :

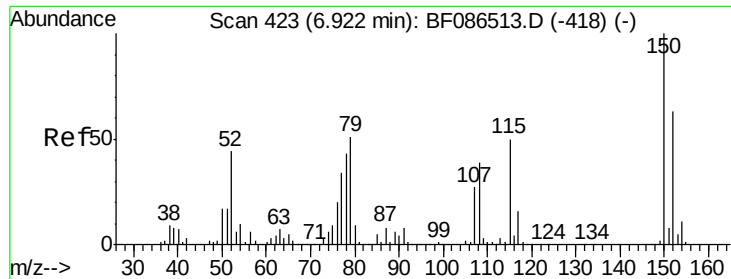
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.4
111	42.8	30.7	46.1



#14
 1,2-Dichlorobenzene
 Concen: 31.08 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.0	76.6
111	49.0	36.2	54.4

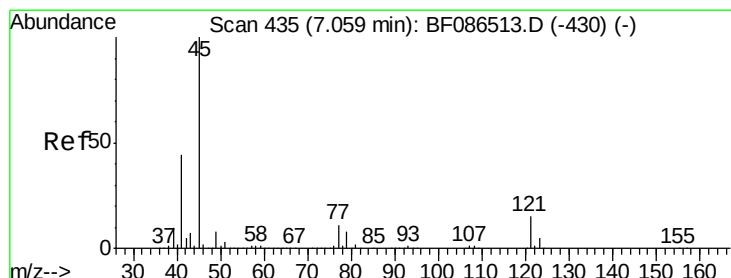
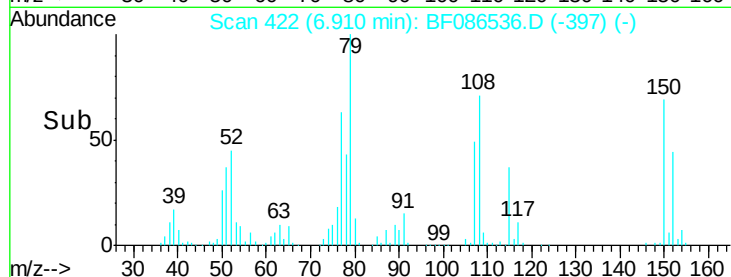
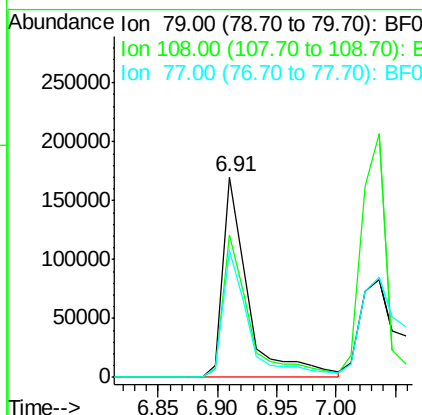
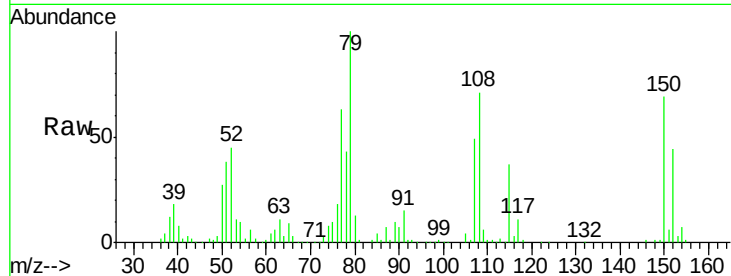




#15
Benzyl Alcohol
Concen: 36.69 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

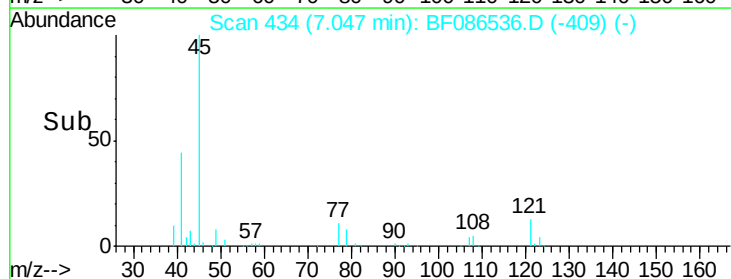
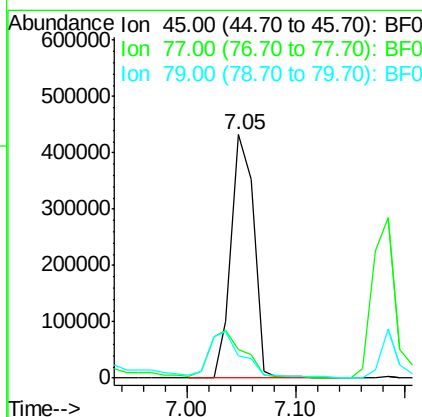
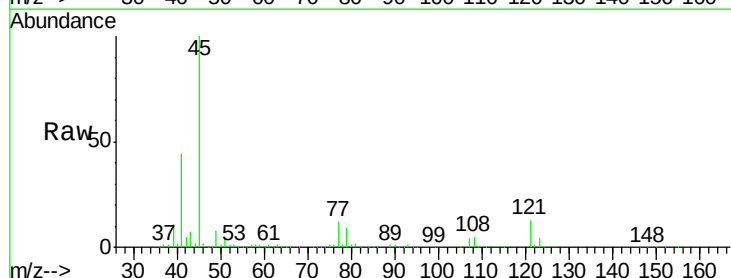
Instrument :
BNA_F
ClientSampled :

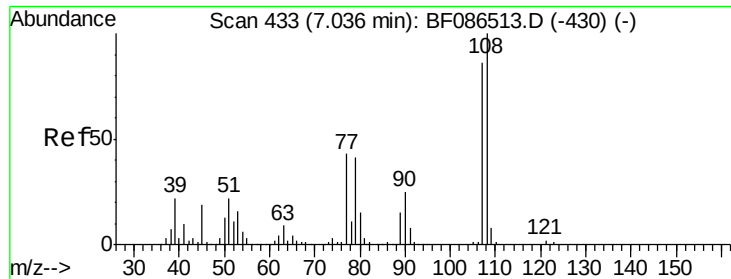
Tot Ion: 79 Resp: 249417
Ion Ratio Lower Upper
79 100
108 71.4 68.4 102.6
77 63.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.15 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion: 45 Resp: 625477
Ion Ratio Lower Upper
45 100
77 11.9 0.0 36.4
79 9.2 0.0 33.4

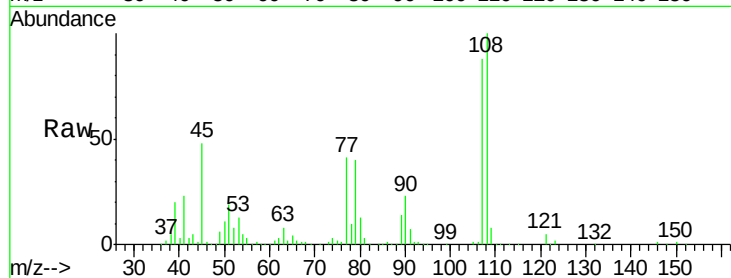




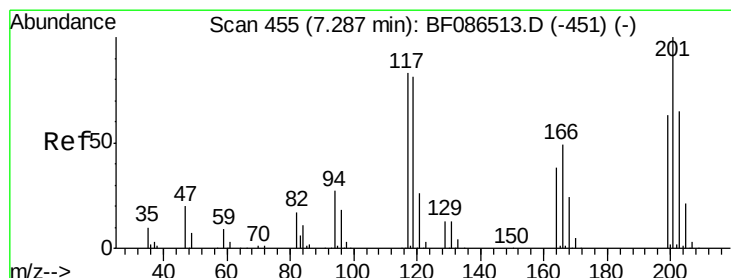
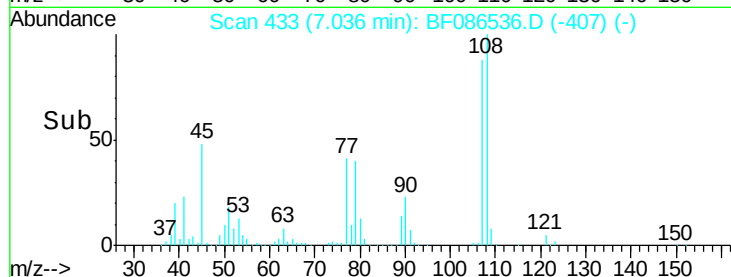
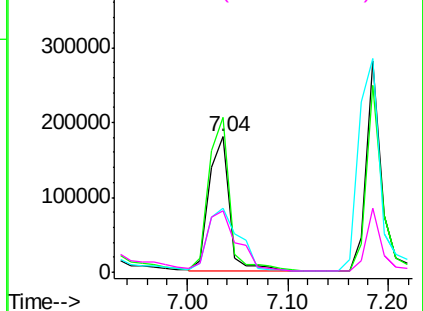
#17
2-Methylphenol
Concen: 33.32 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 258274
Ion Ratio Lower Upper
107 100
108 114.2 93.7 140.5
77 47.3 33.4 50.0
79 45.8 34.3 51.5

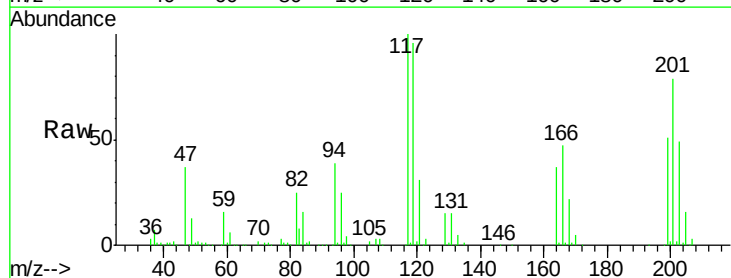


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

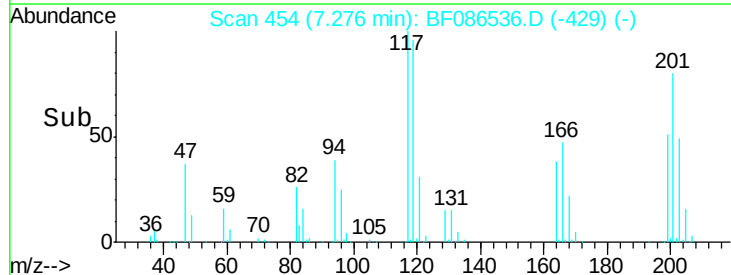
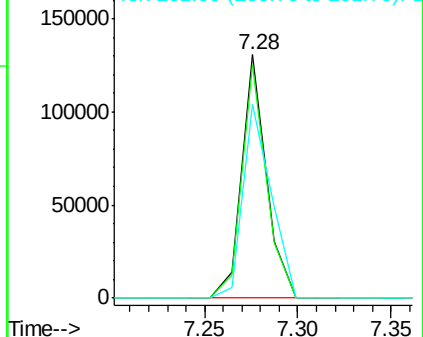


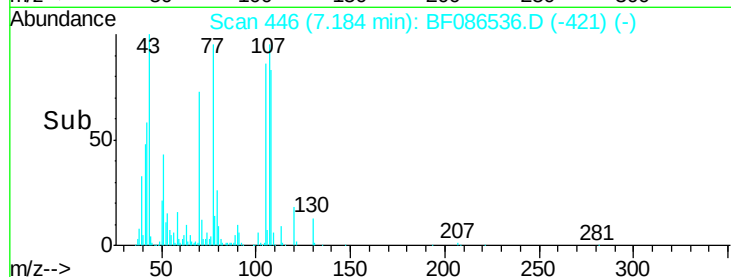
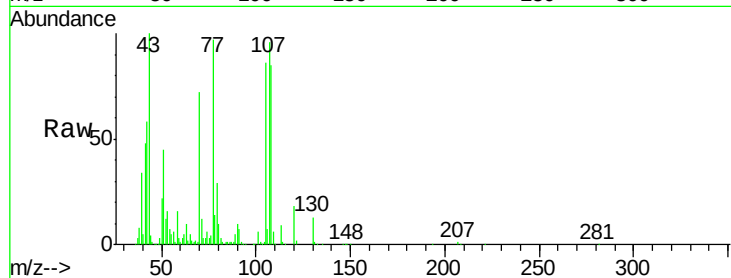
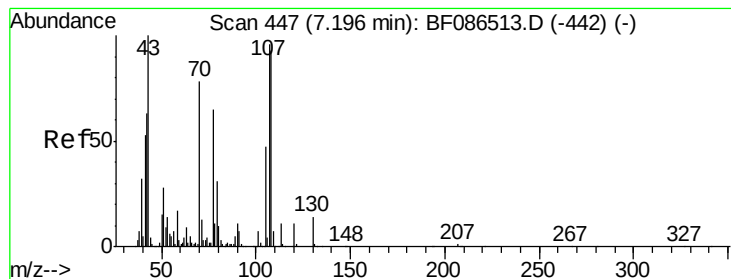
#18
Hexachloroethane
Concen: 30.30 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:117 Resp: 120518
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 79.3 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: 32.84 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086536.D

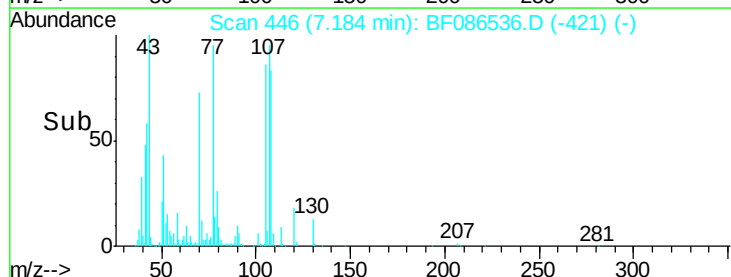
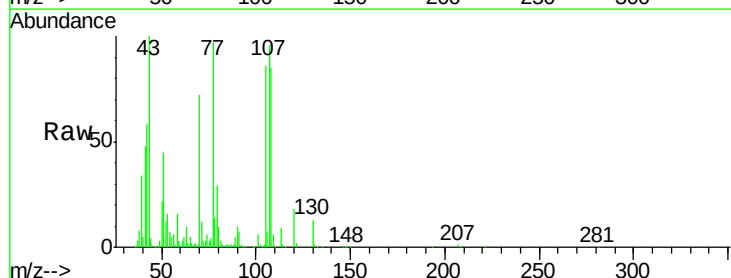
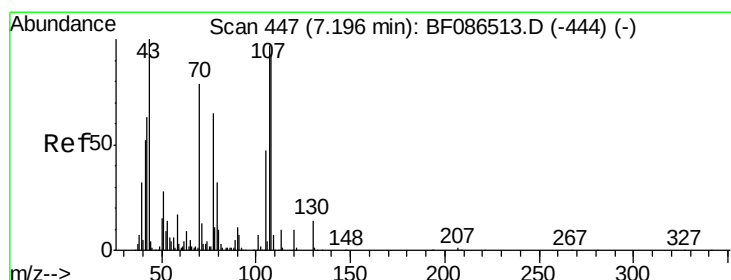
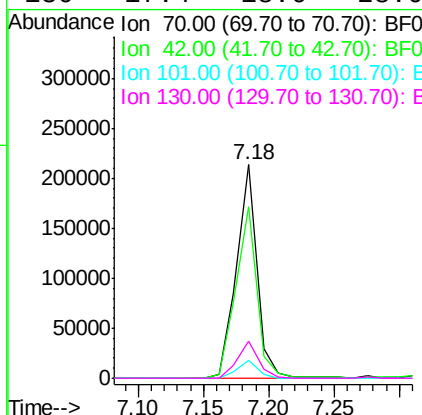
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	233254
Ion	Ratio	Lower	Upper
70	100		
42	80.3	43.1	64.7#
101	8.7	8.1	12.1
130	17.4	18.6	28.0#



#20

3+4-Methylphenols

Concen: 35.49 ng

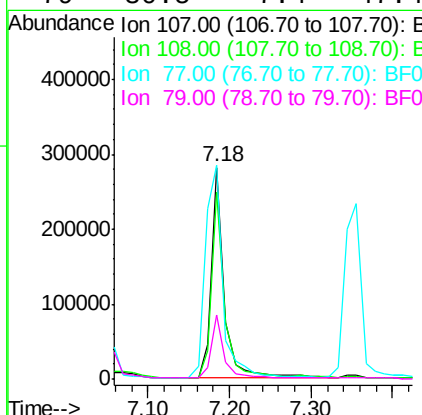
RT: 7.18 min Scan# 446

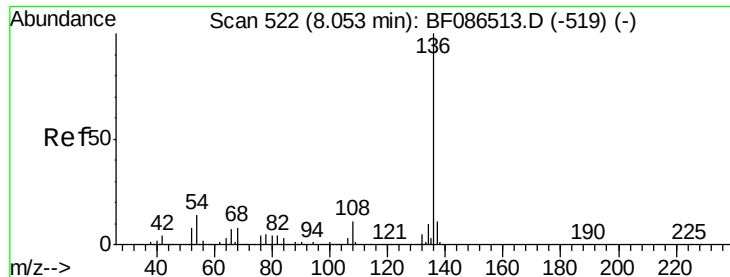
Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion:	107	Resp:	314028
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	100.8	101.6	141.6#
79	30.5	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 594906

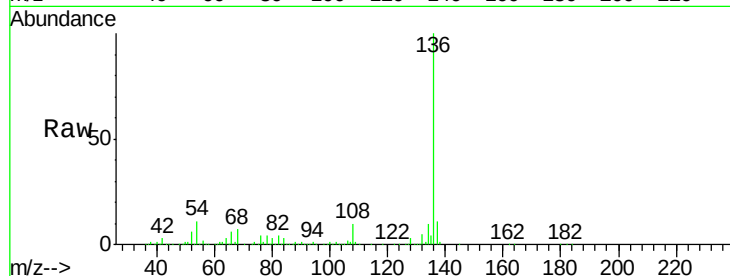
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.1 5.0 7.4#

68 6.7 4.4 6.6#

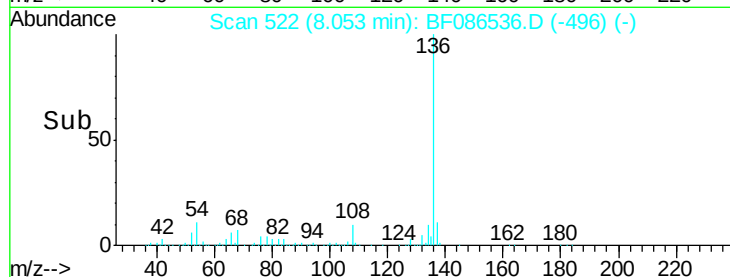


Abundance Ion 136.00 (135.70 to 136.70): E

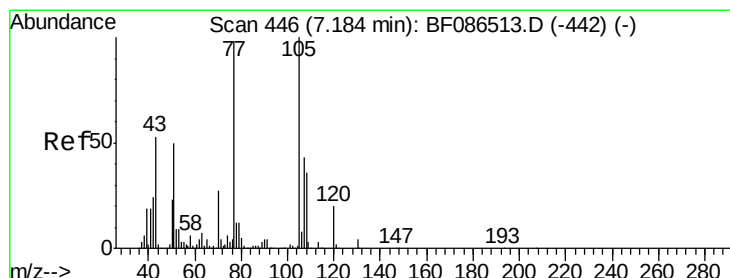
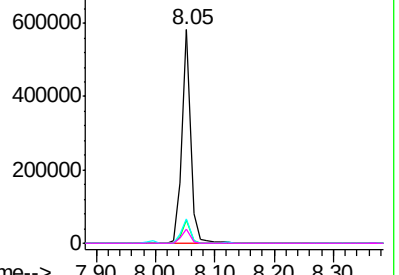
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 32.77 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion:105 Resp: 427495

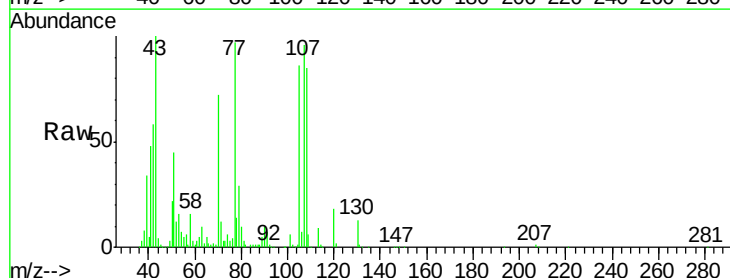
Ion Ratio Lower Upper

105 100

71 14.0 4.8 7.2#

51 51.9 32.6 49.0#

120 21.0 16.5 24.7

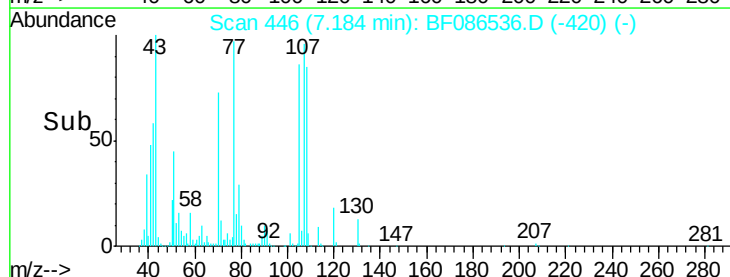


Abundance Ion 105.00 (104.70 to 105.70): E

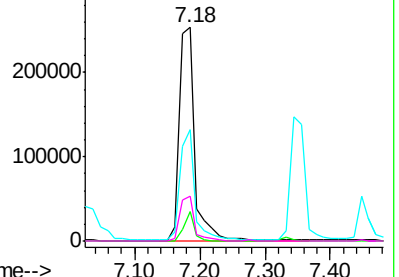
Ion 71.00 (70.70 to 71.70): BF0

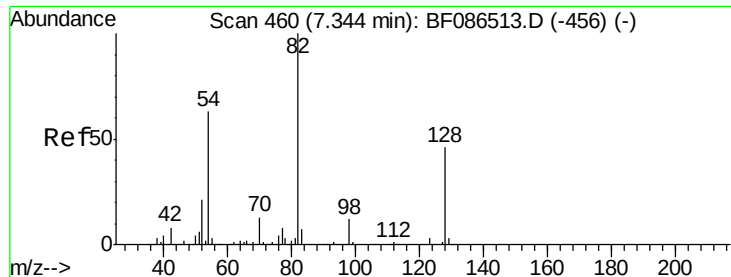
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time--> 7.10 7.20 7.30 7.40

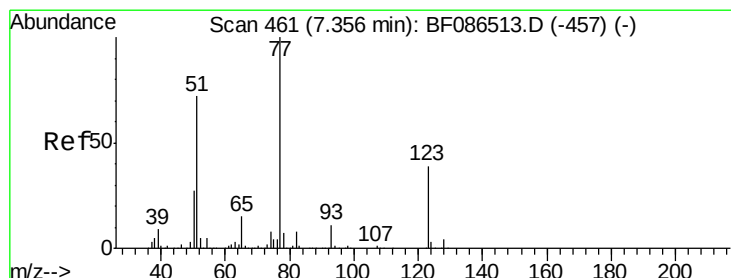
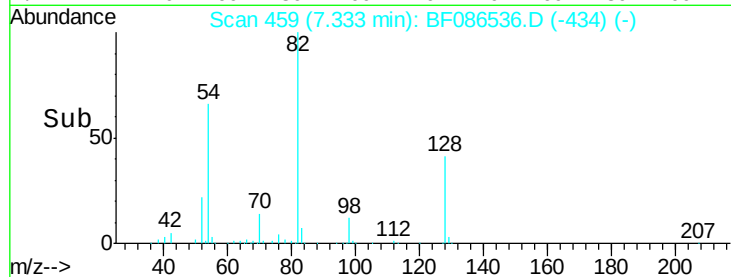
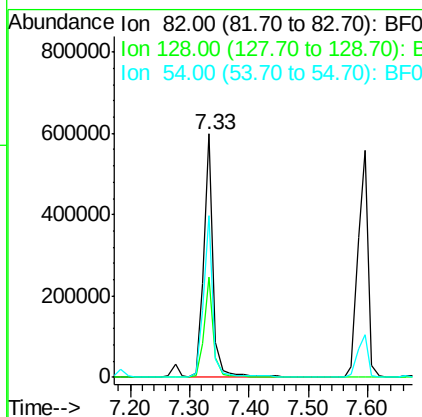
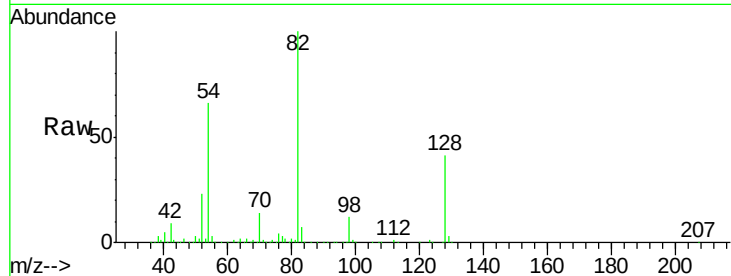




#23
 Nitrobenzene-d5
 Concen: 62.42 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

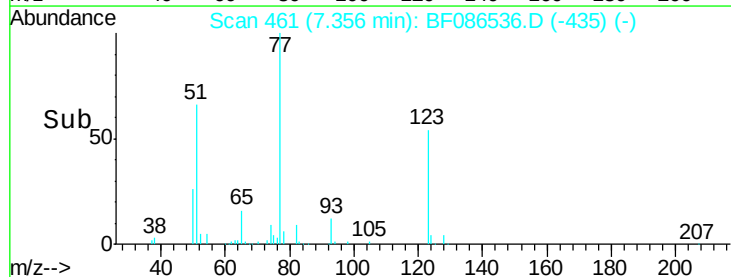
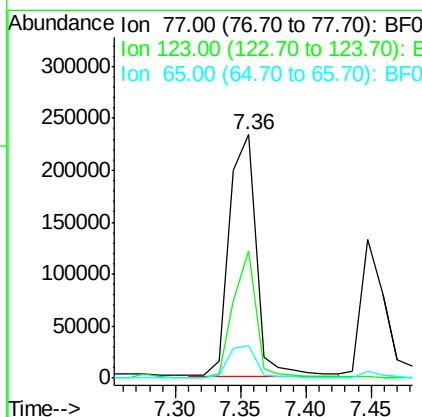
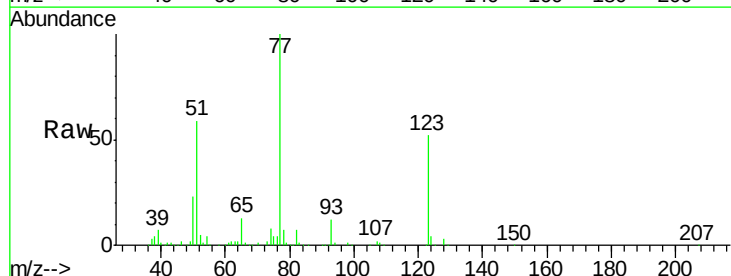
Instrument :
 BNA_F
 ClientSampleId :

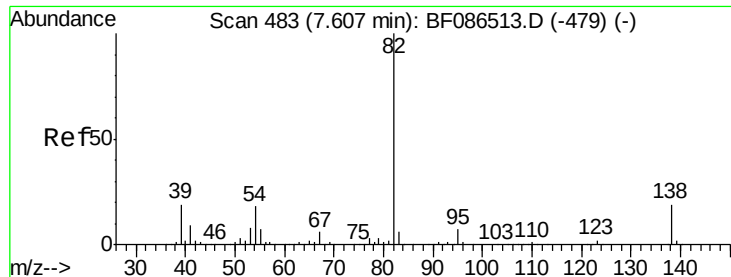
Tot Ion	82	Resp	688967
Ion Ratio	Lower	Upper	
82	100		
128	41.2	40.6	61.0
54	66.4	38.1	57.1#



#24
 Nitrobenzene
 Concen: 29.42 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	77	Resp	334006
Ion Ratio	Lower	Upper	
77	100		
123	52.5	33.0	49.4#
65	13.3	10.8	16.2





#25

Isophorone

Concen: 30.96 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

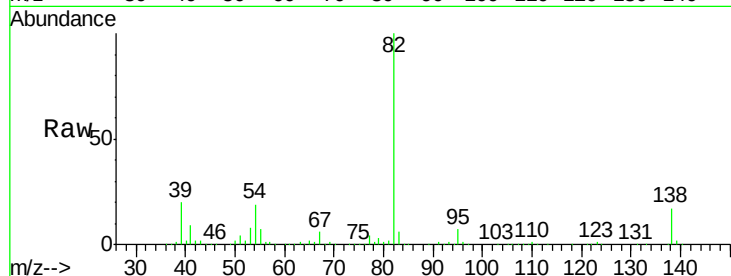
Tot Ion: 82 Resp: 657557

Ion Ratio Lower Upper

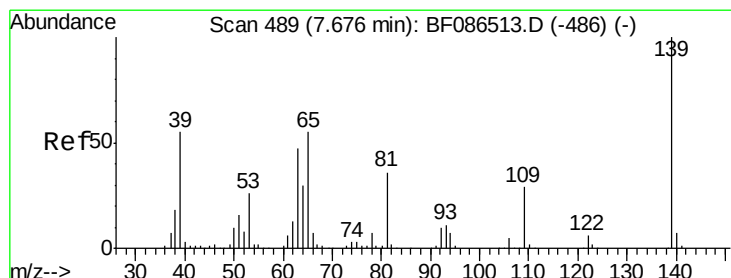
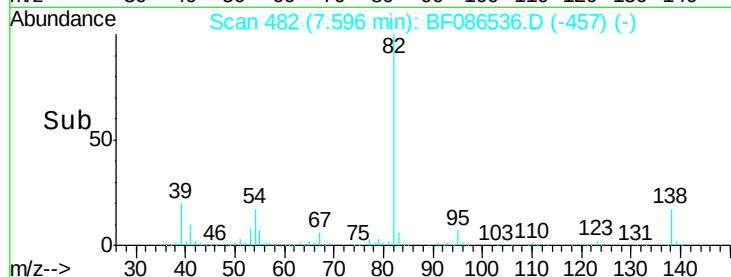
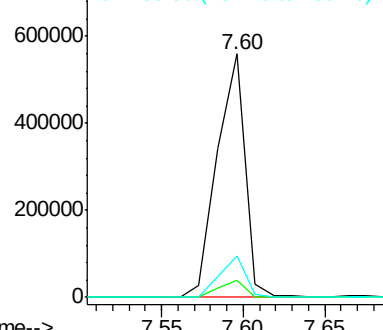
82 100

95 7.0 5.1 7.7

138 17.1 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: 30.22 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

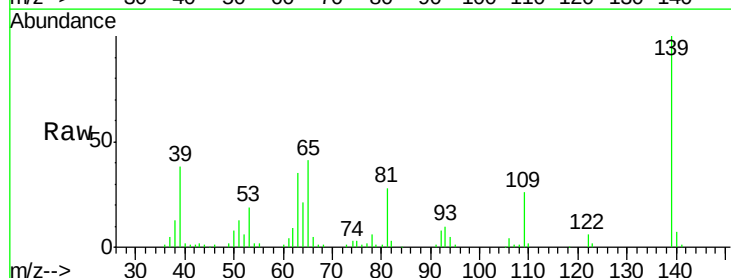
Tgt Ion: 139 Resp: 157966

Ion Ratio Lower Upper

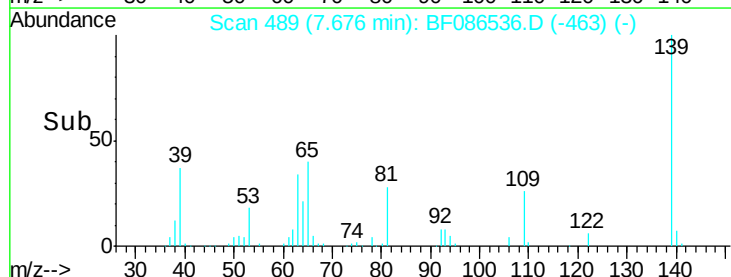
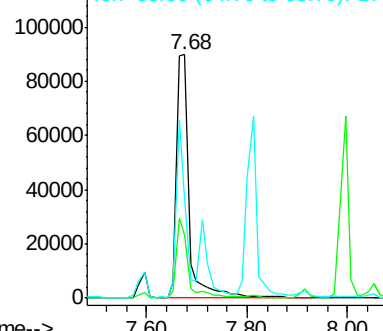
139 100

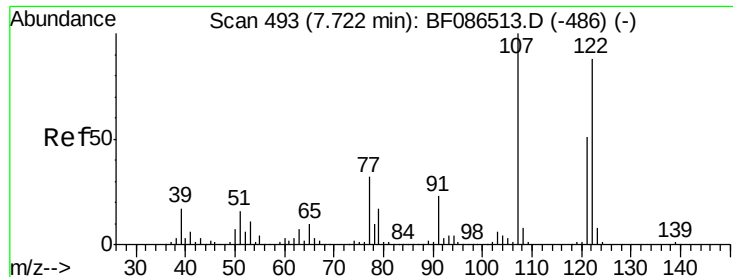
109 25.7 19.5 29.3

65 41.2 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 30.19 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

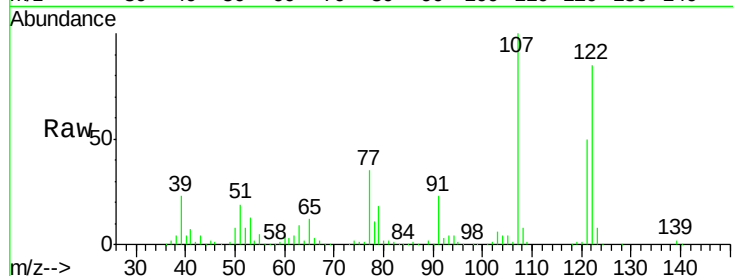
Tot Ion:122 Resp: 276904

Ion Ratio Lower Upper

122 100

107 117.4 82.0 123.0

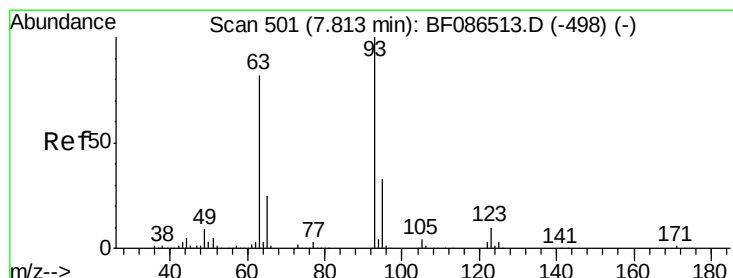
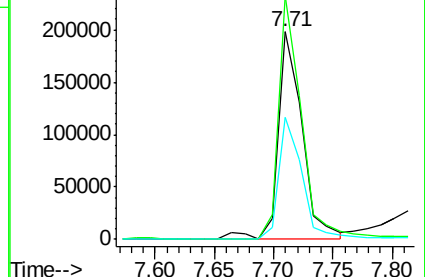
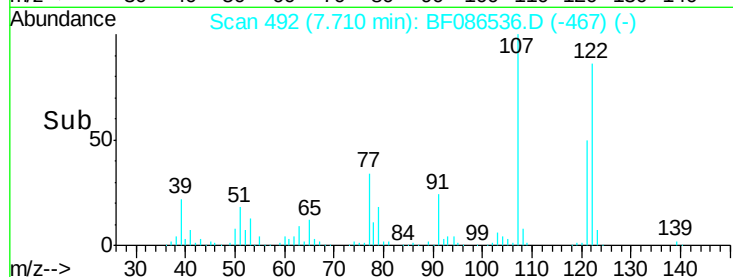
121 58.8 46.1 69.1



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: 33.70 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

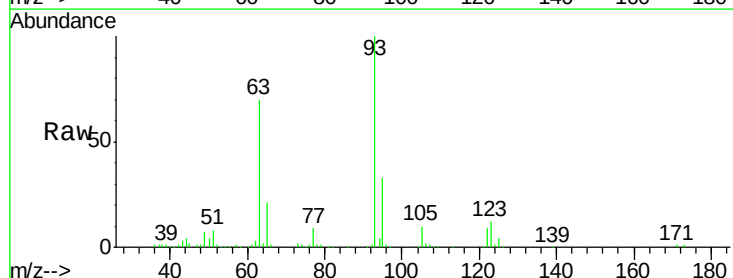
Tgt Ion: 93 Resp: 389926

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

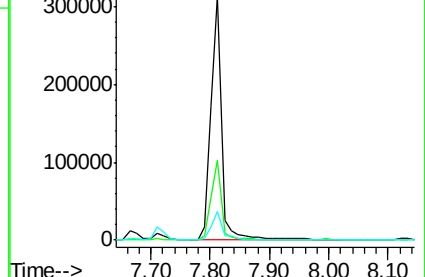
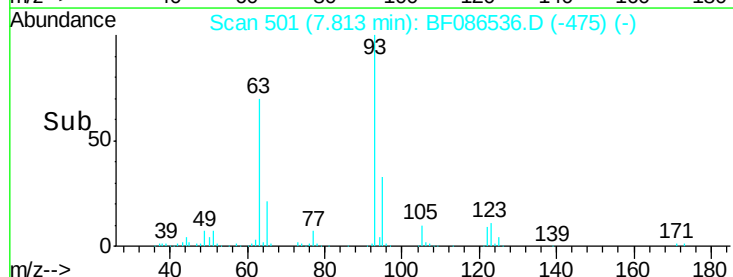
123 11.5 9.5 14.3

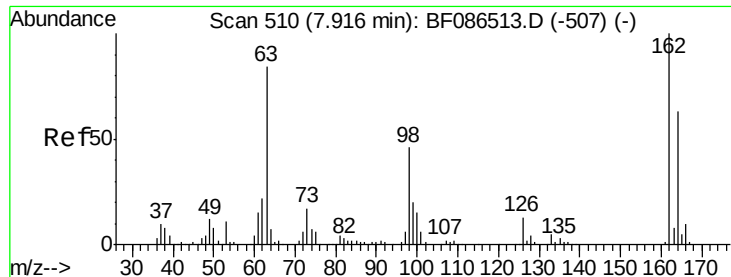


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

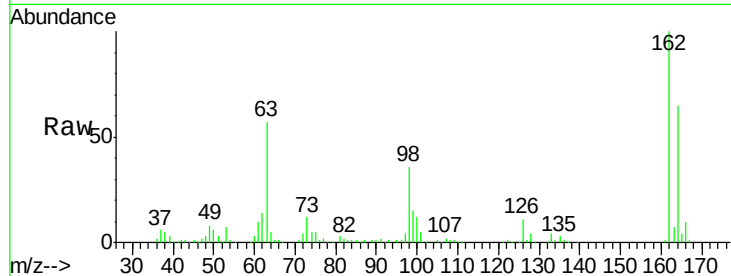




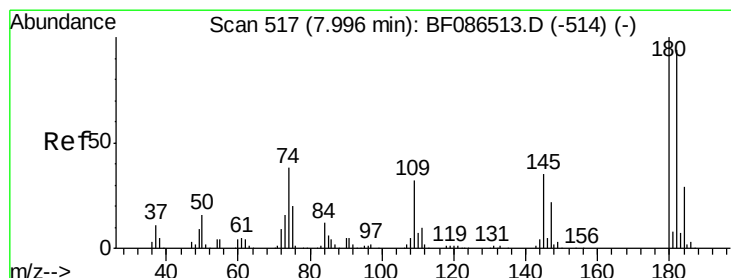
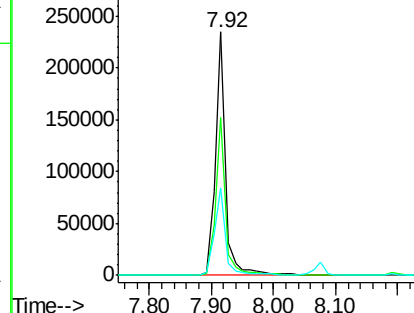
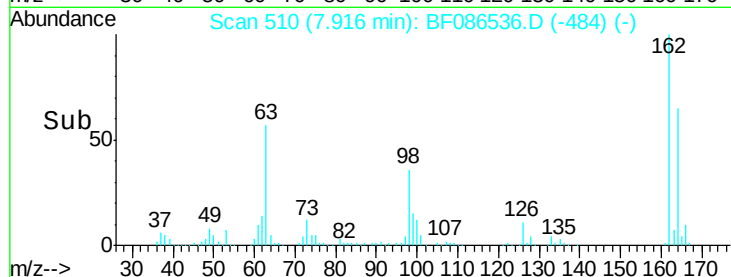
#29
 2,4-Dichlorophenol
 Concen: 34.57 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.2	82.2
98	36.0	19.0	59.0

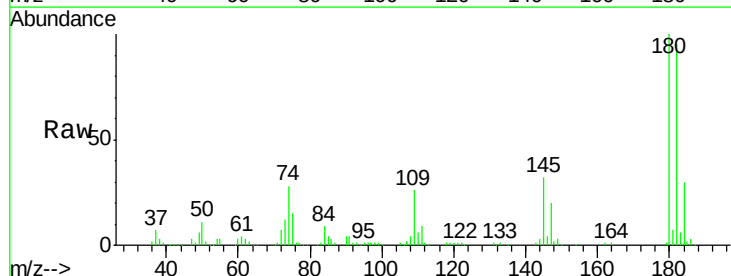


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

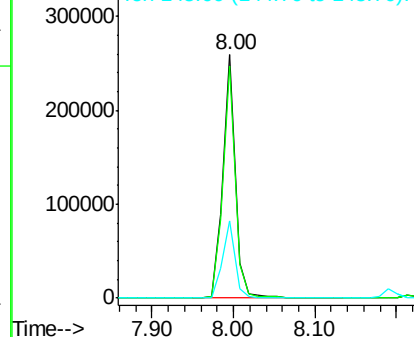
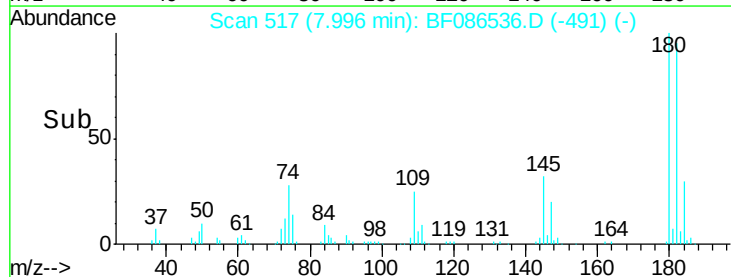


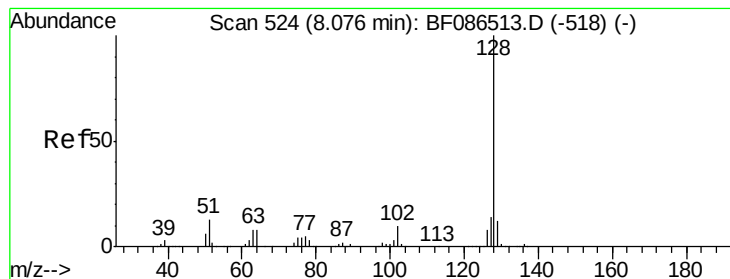
#30
 1,2,4-Trichlorobenzene
 Concen: 30.72 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	31.6	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.80 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

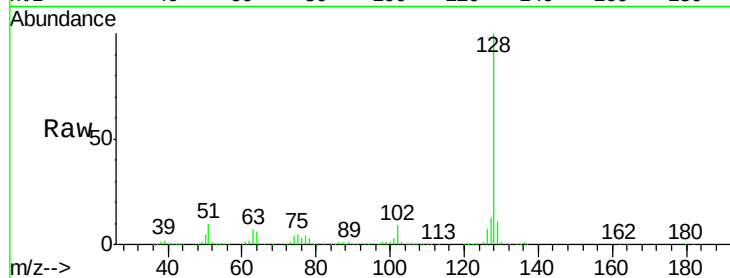
Tot Ion:128 Resp: 962534

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

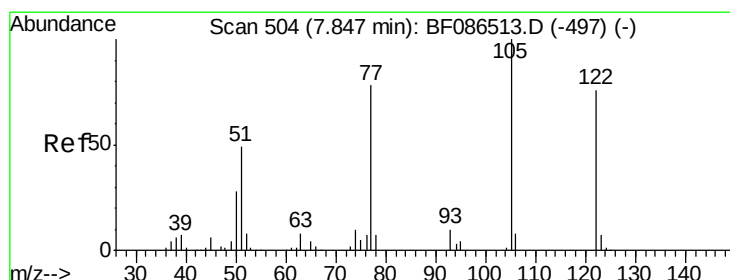
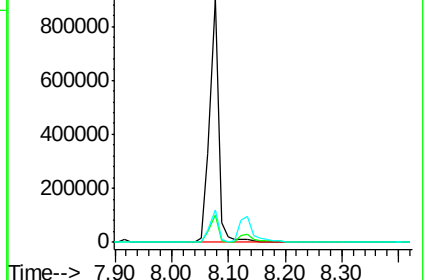
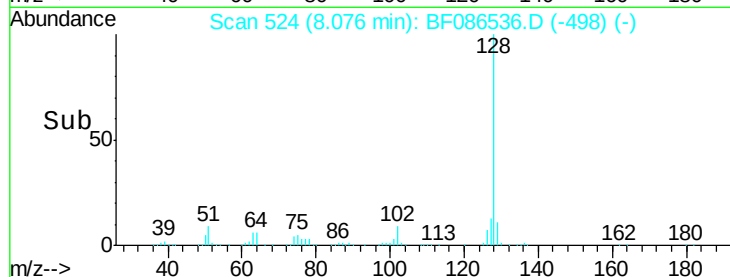
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.70 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

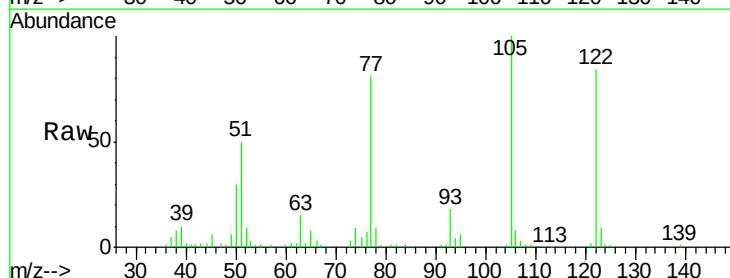
Tgt Ion:122 Resp: 128585

Ion Ratio Lower Upper

122 100

105 119.1 92.6 132.6

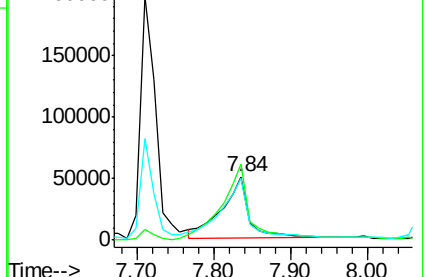
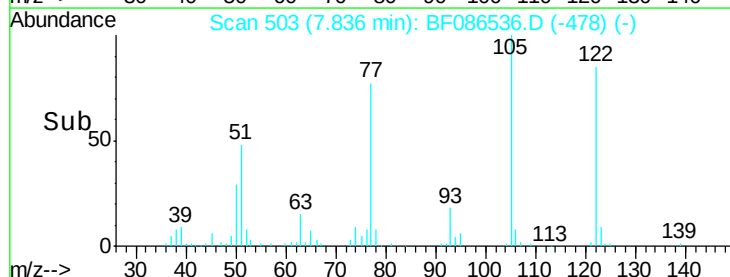
77 96.6 60.0 100.0

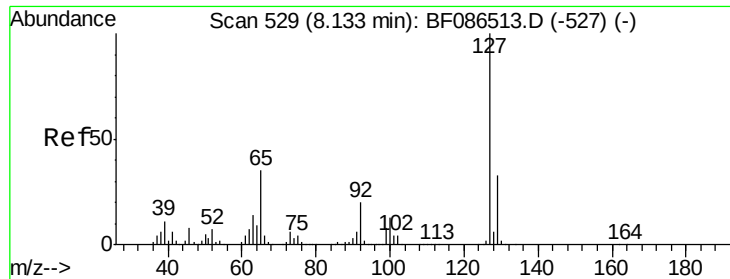


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

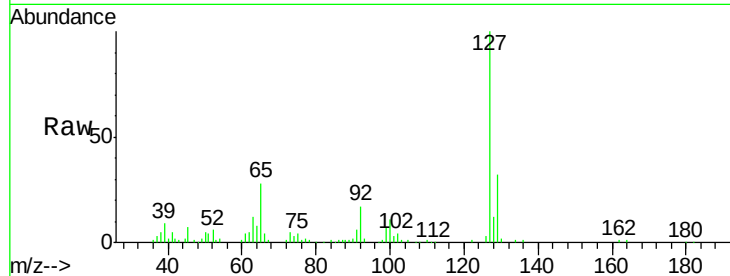




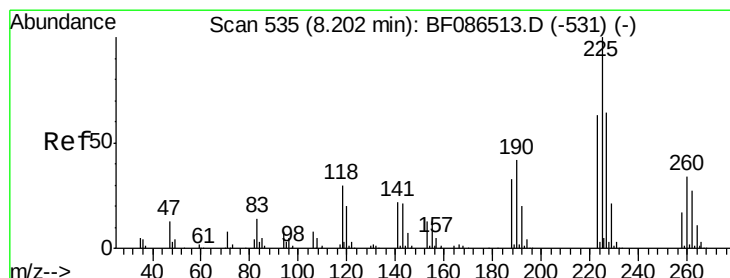
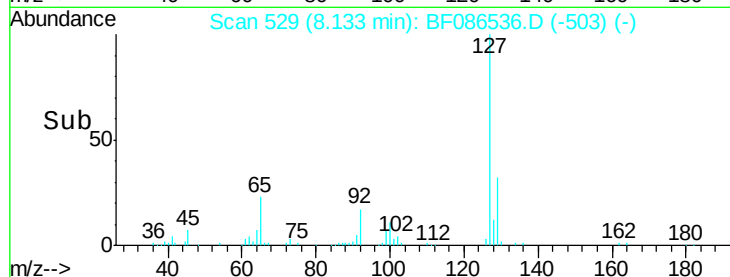
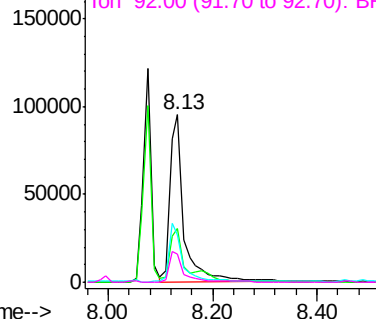
#33
4-Chloroaniline
Concen: 15.95 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	180786
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.2 39.4
65	28.0	23.0 34.4
92	17.0	15.1 22.7

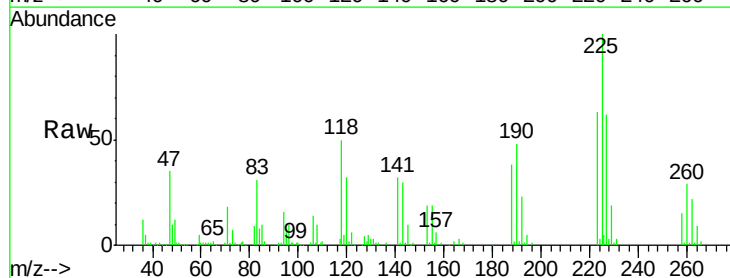


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

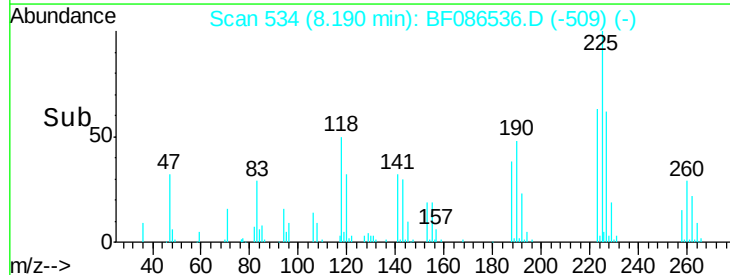
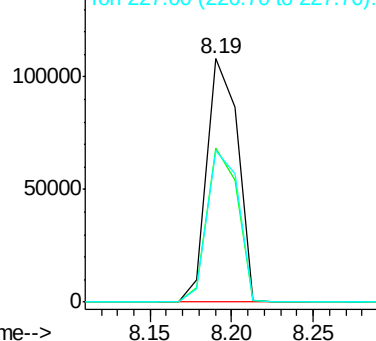


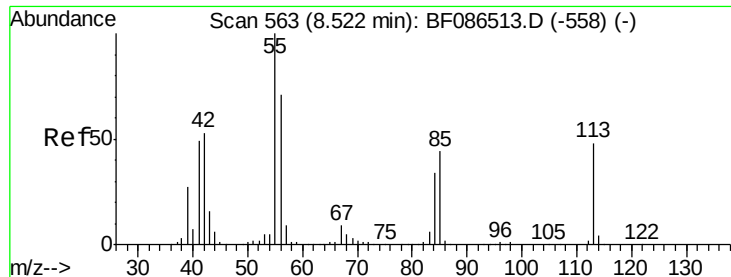
#34
Hexachlorobutadiene
Concen: 28.10 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:225	Resp:	141417
Ion Ratio	Lower	Upper
225	100	
223	63.4	51.5 77.3
227	62.5	52.2 78.2



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

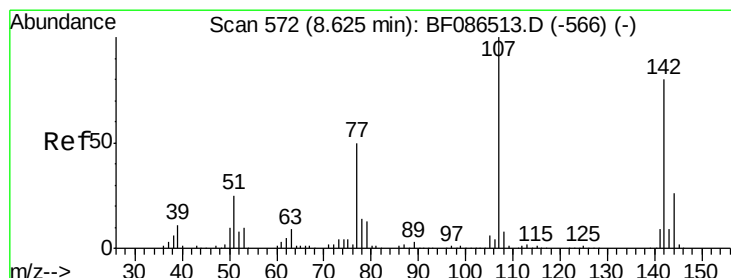
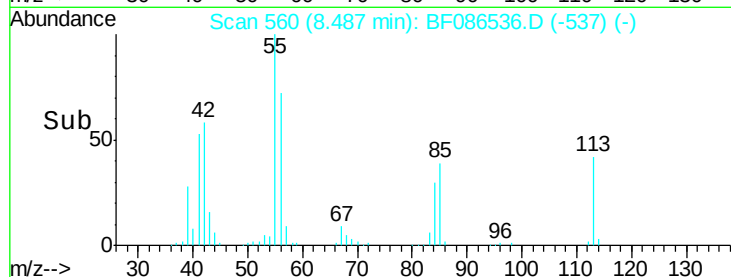
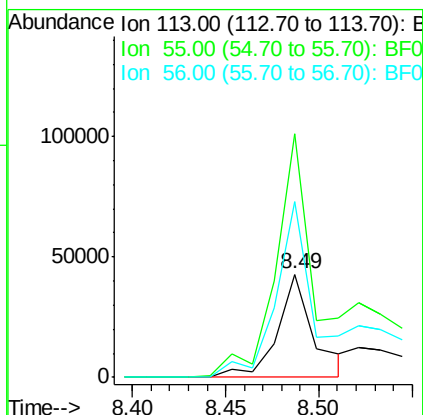
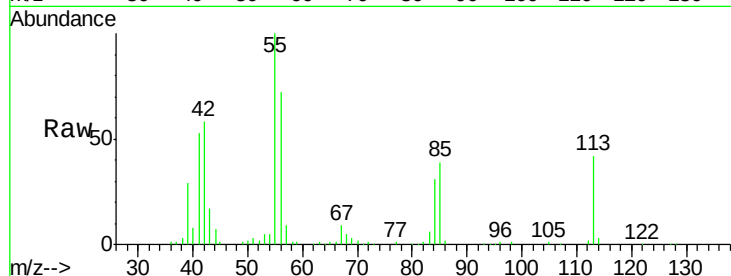




#35
 Caprolactam
 Concen: 22.48 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

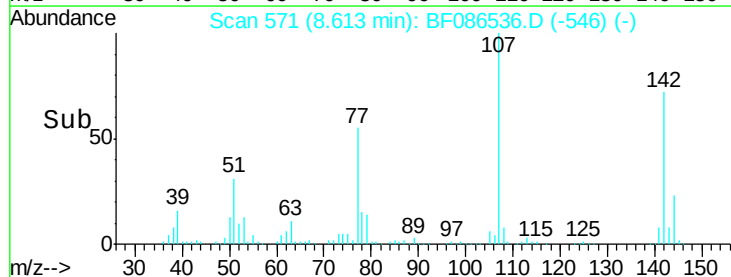
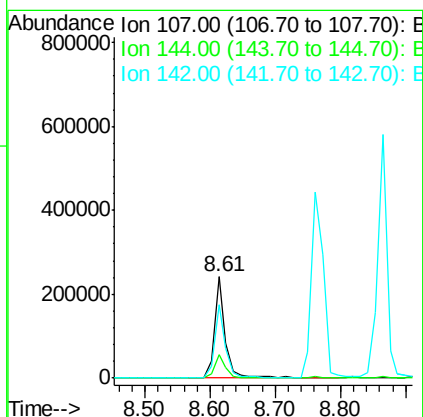
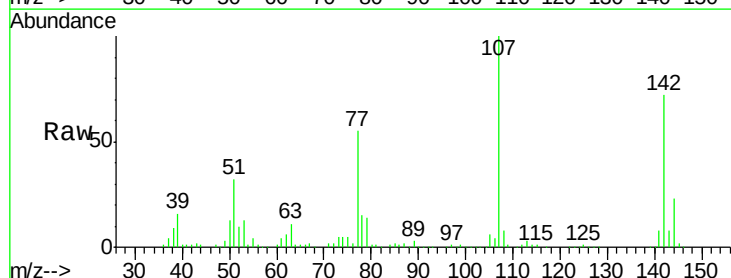
Instrument :
 BNA_F
 ClientSampleId :

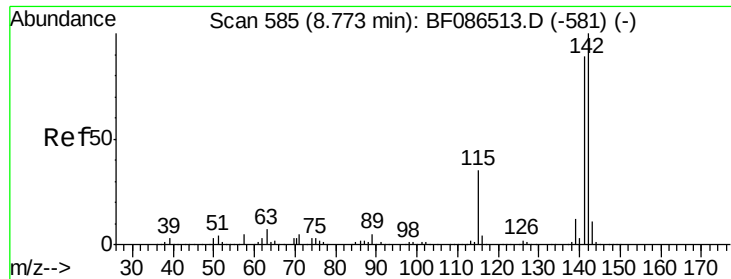
Tot Ion:113 Resp: 58027
 Ion Ratio Lower Upper
 113 100
 55 235.7 162.0 202.0#
 56 170.4 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 32.48 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:107 Resp: 287746
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.7 31.1
 142 72.1 63.2 94.8

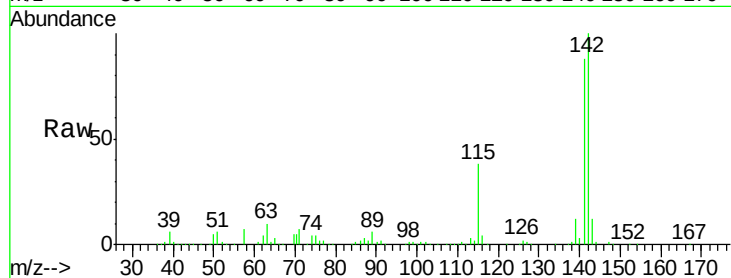




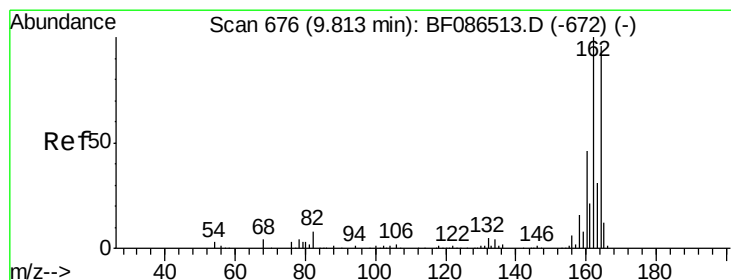
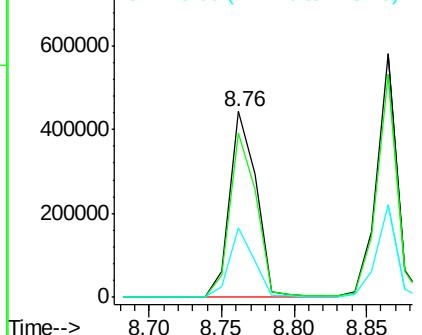
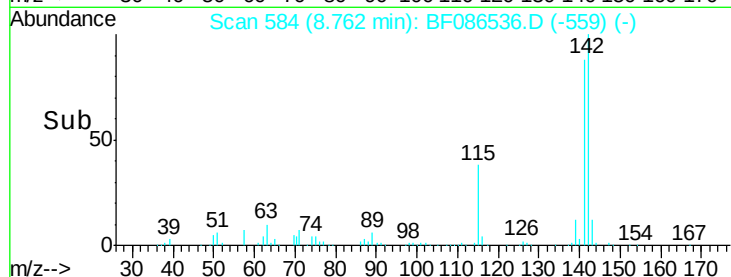
#37
2-Methylnaphthalene
Concen: 31.89 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	37.8	26.6	39.8

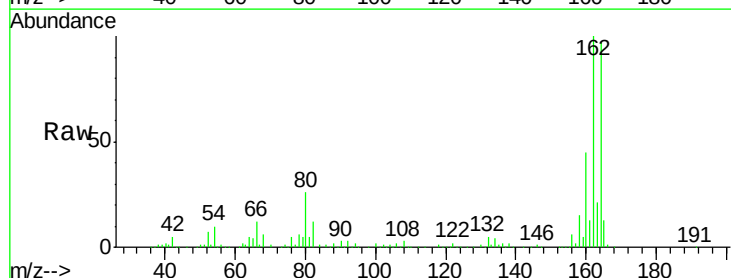


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

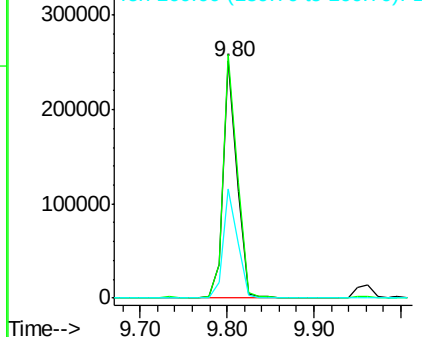
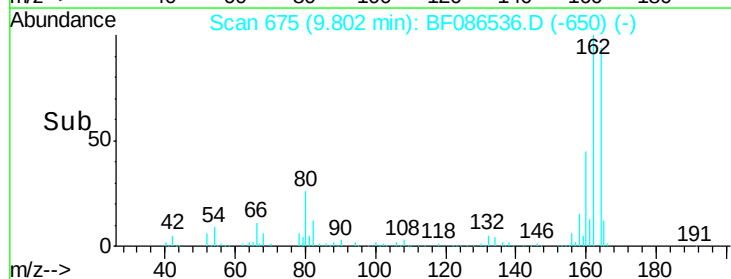


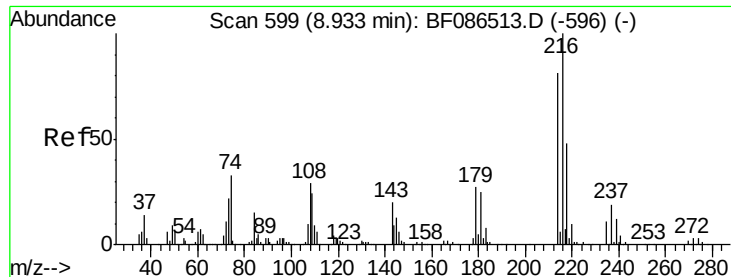
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.8	124.2
160	46.1	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

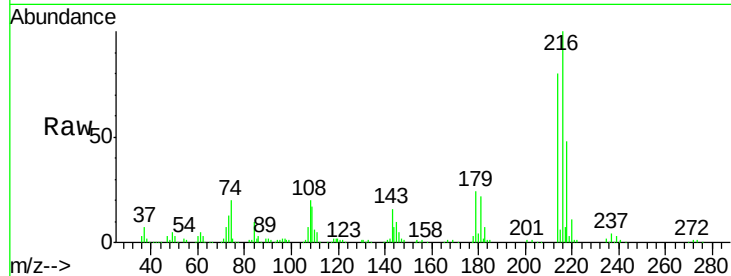




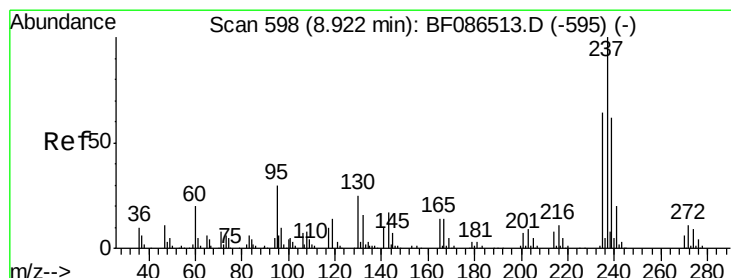
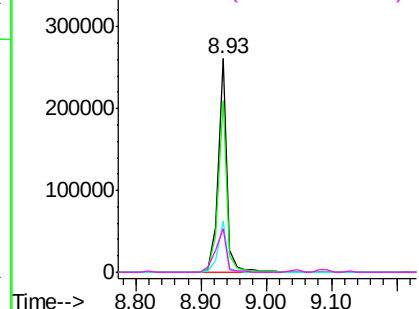
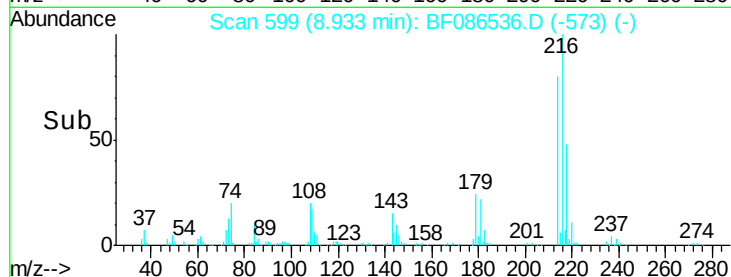
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.95 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	251531
Ion Ratio	Lower	Upper
216	100	
214	79.7	62.6 93.8
179	23.8	18.2 27.4
108	25.9	17.5 26.3

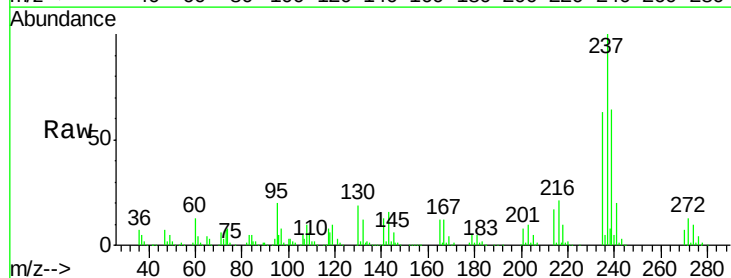


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

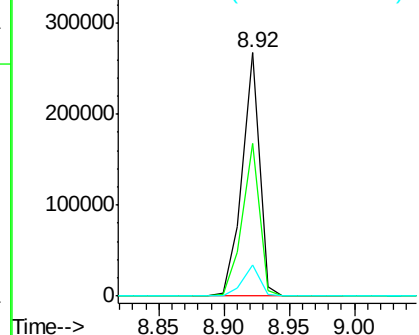
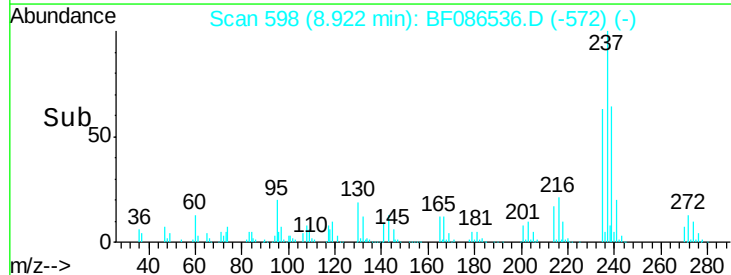


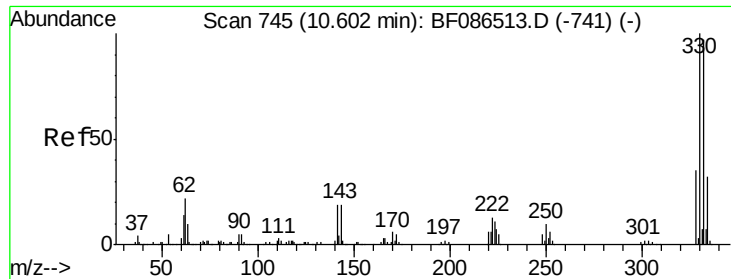
#40
 Hexachlorocyclopentadiene
 Concen: 60.88 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:237	Resp:	245844
Ion Ratio	Lower	Upper
237	100	
235	62.9	47.2 87.2
272	12.9	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

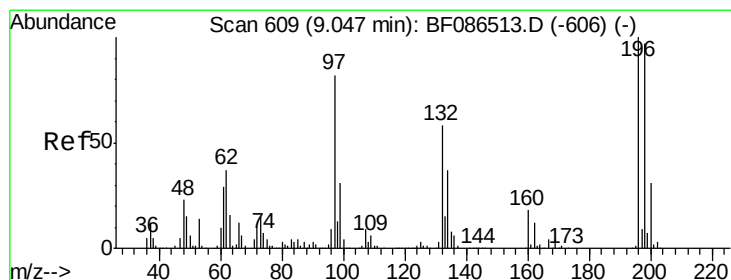
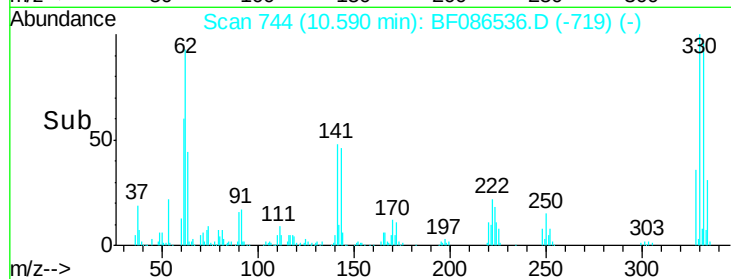
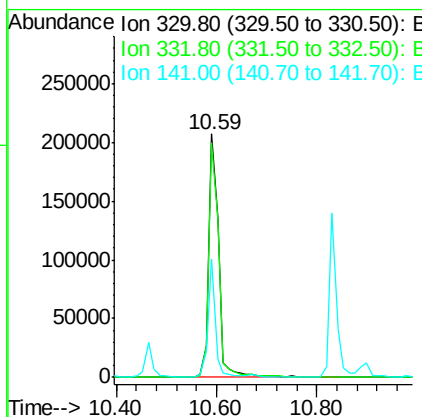
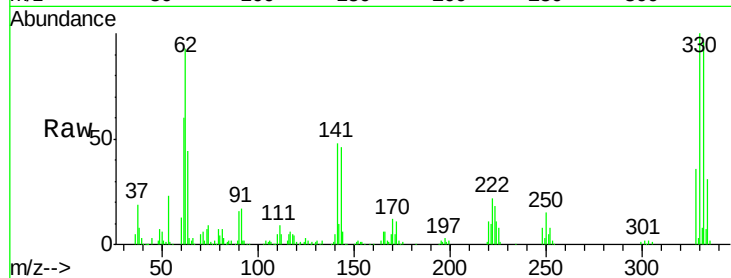




#41
 2,4,6-Tribromophenol
 Concen: 95.27 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

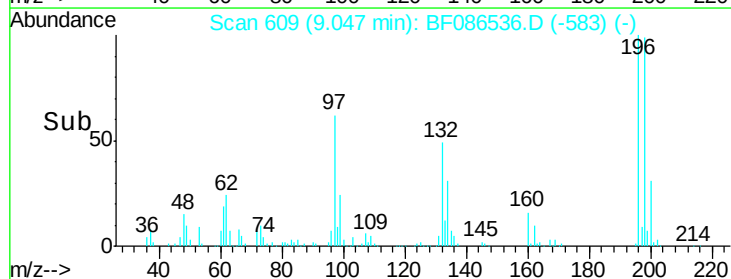
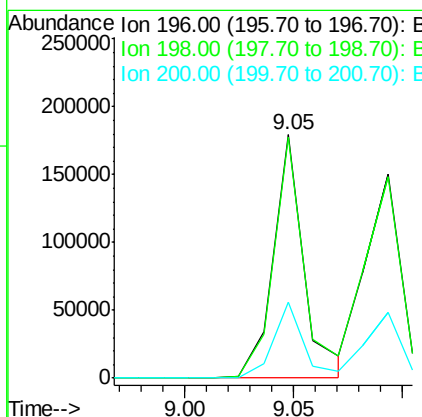
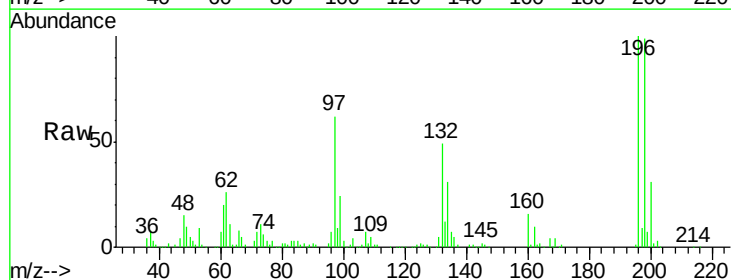
Instrument :
 BNA_F
 ClientSampled :

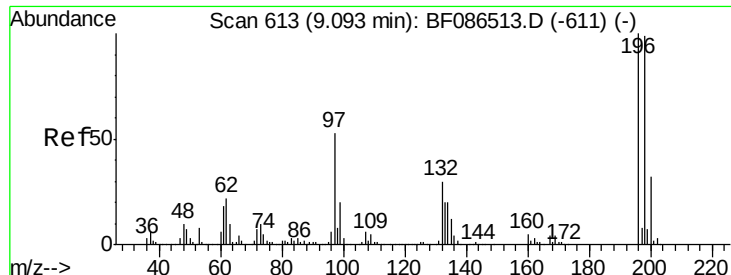
Tot Ion:330 Resp: 285223
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 35.0 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 34.63 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:196 Resp: 177909
 Ion Ratio Lower Upper
 196 100
 198 99.2 74.7 112.1
 200 31.2 23.8 35.6

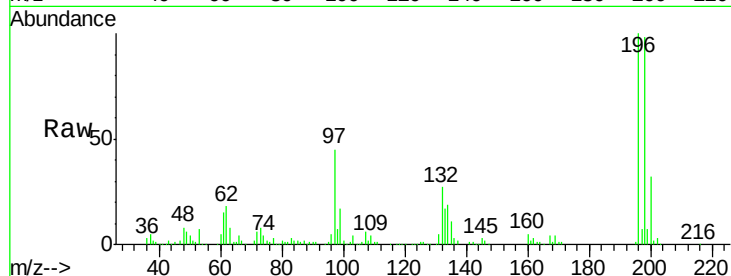




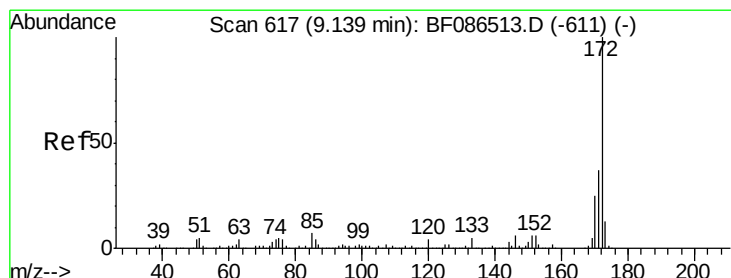
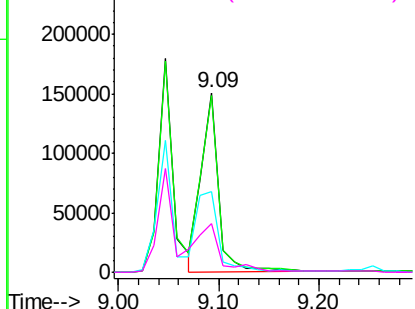
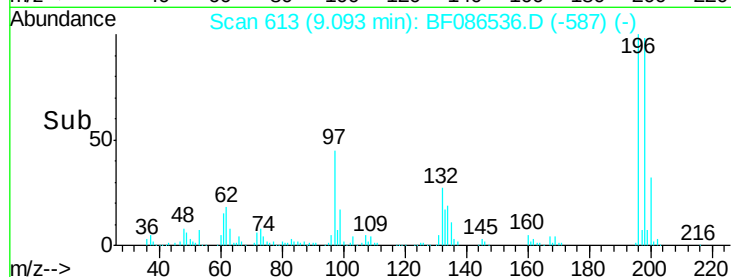
#43
2,4,5-Trichlorophenol
Concen: 32.41 ng
RT: 9.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 181452
Ion Ratio Lower Upper
196 100
198 98.3 77.5 116.3
97 45.3 34.8 52.2
132 27.3 23.0 34.4

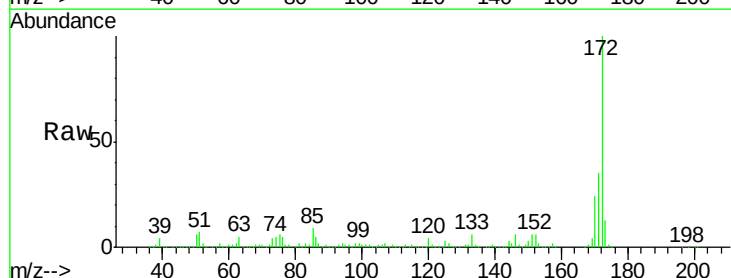


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

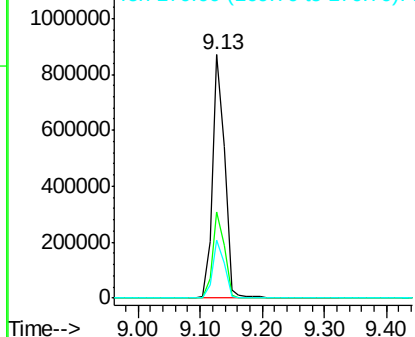
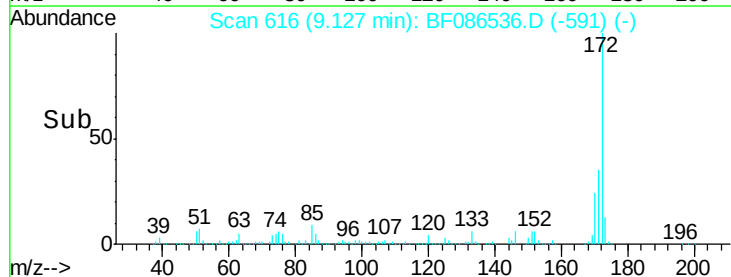


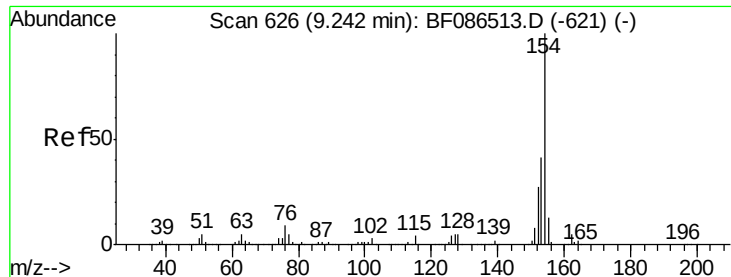
#44
2-Fluorobiphenyl
Concen: 68.23 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:172 Resp: 1158633
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 24.0 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

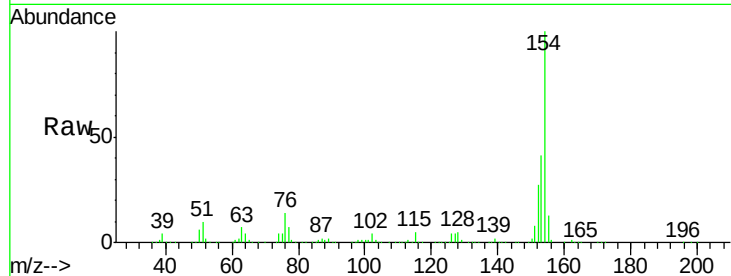




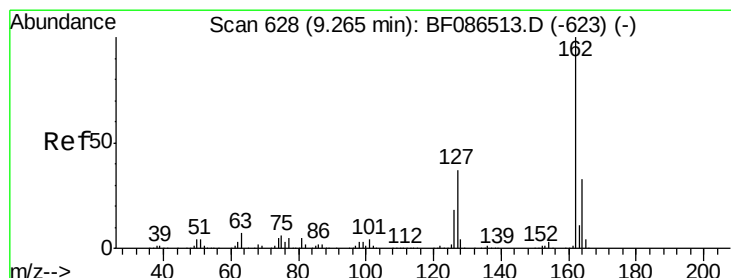
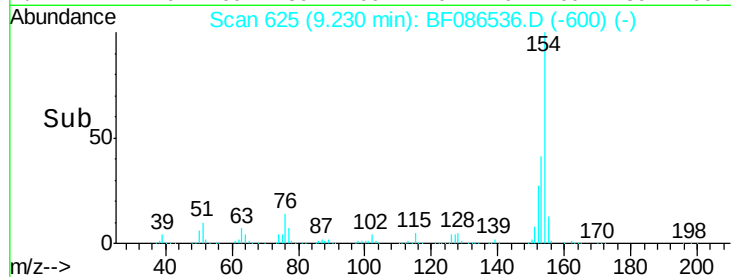
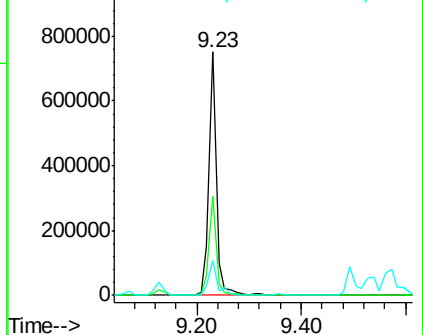
#45
 1,1'-Biphenyl
 Concen: 31.54 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154	Resp:	748551
Ion Ratio	Lower	Upper
154	100	
153	40.5	20.3 60.3
76	14.4	0.0 30.2

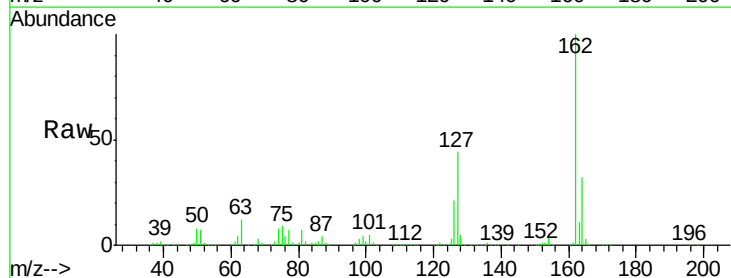


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

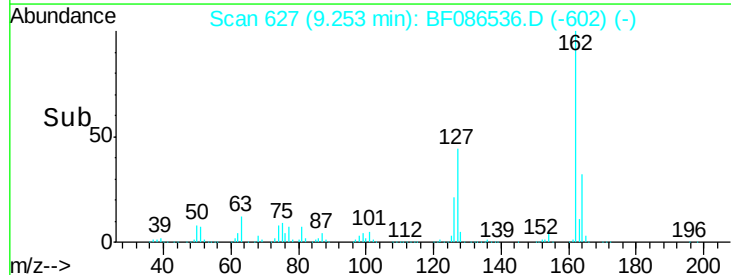
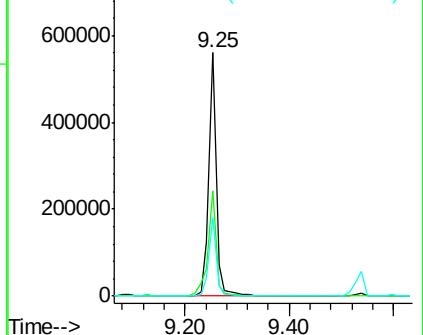


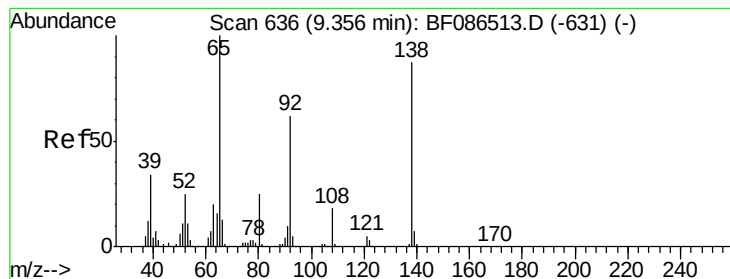
#46
 2-Chloronaphthalene
 Concen: 31.28 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:162	Resp:	564324
Ion Ratio	Lower	Upper
162	100	
127	43.5	31.8 47.6
164	32.4	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: 35.05 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

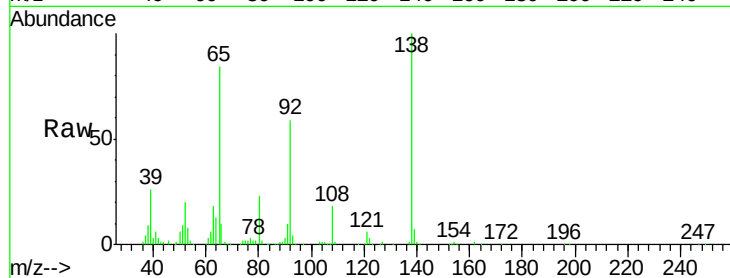
Tot Ion: 65 Resp: 202779

Ion Ratio Lower Upper

65 100

92 70.4 57.4 86.2

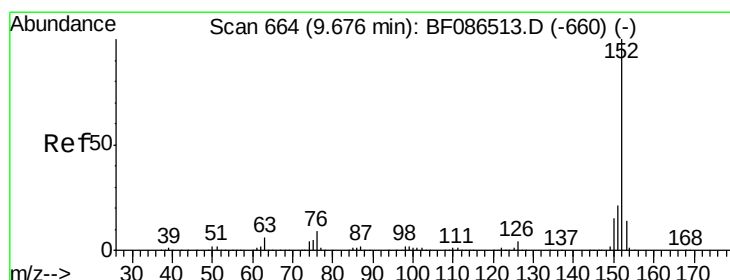
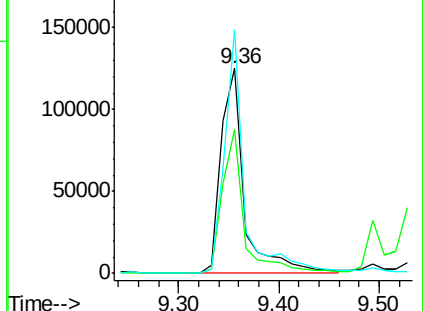
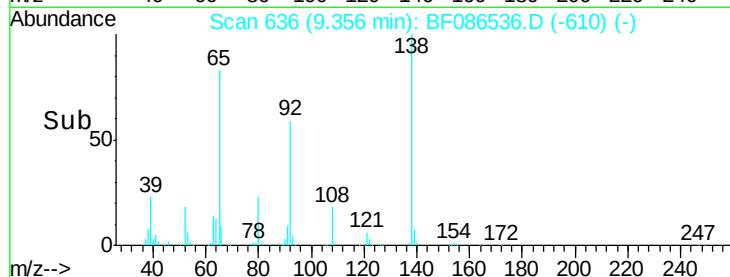
138 119.0 90.1 135.1



Abundance Ion 65.00 (64.70 to 65.70): BF086536.D (-610) (-)

Ion 92.00 (91.70 to 92.70): BF086536.D (-610) (-)

Ion 138.00 (137.70 to 138.70): BF086536.D (-610) (-)



#48

Acenaphthylene

Concen: 30.52 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

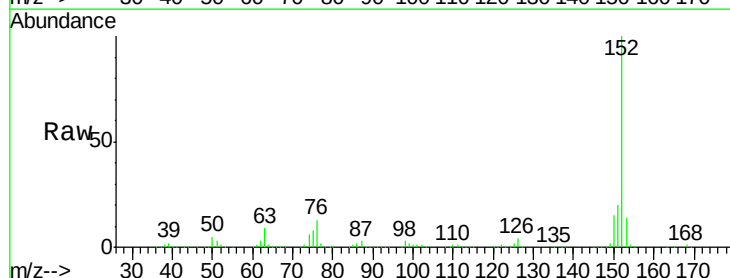
Tgt Ion: 152 Resp: 860805

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

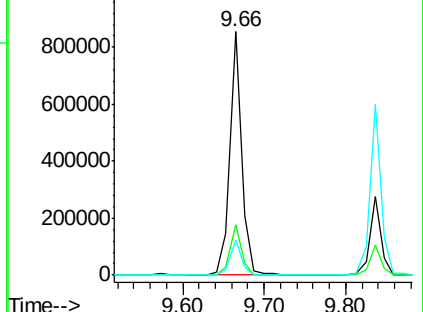
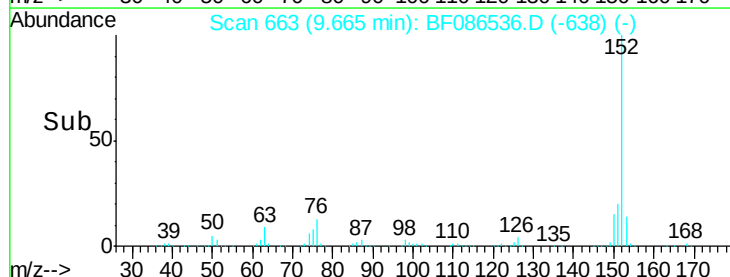
153 14.3 10.9 16.3

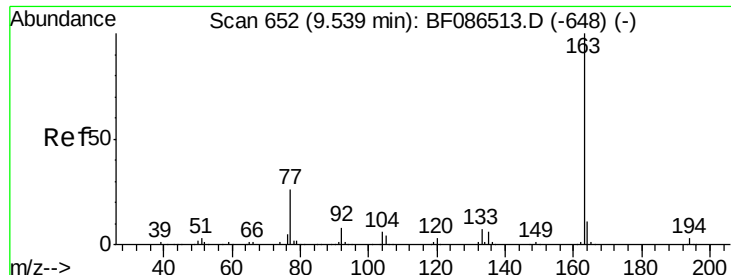


Abundance Ion 152.00 (151.70 to 152.70): BF086536.D (-638) (-)

Ion 151.00 (150.70 to 151.70): BF086536.D (-638) (-)

Ion 153.00 (152.70 to 153.70): BF086536.D (-638) (-)





#49

Dimethylphthalate

Concen: 32.74 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

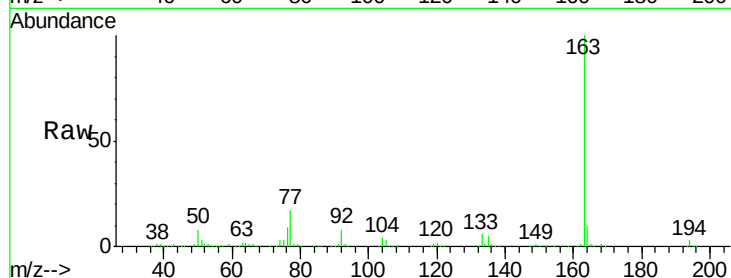
Tot Ion:163 Resp: 699797

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

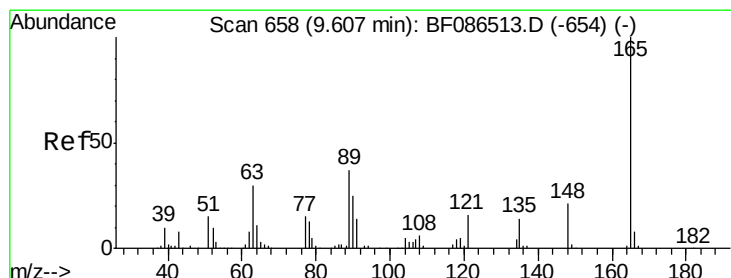
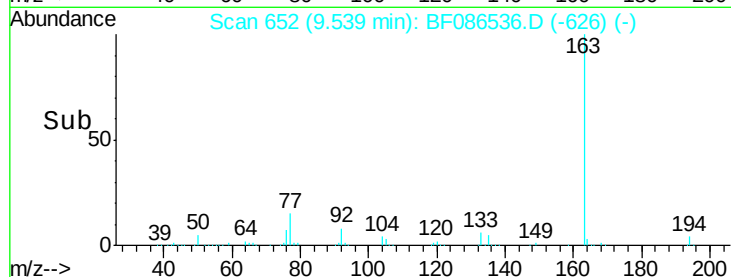
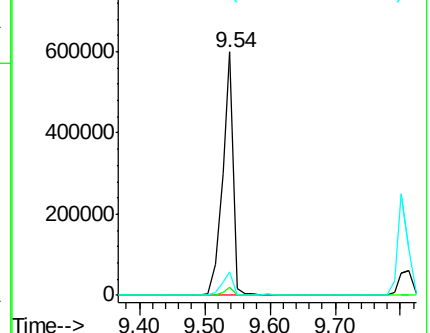
164 9.7 8.2 12.4



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: 34.98 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

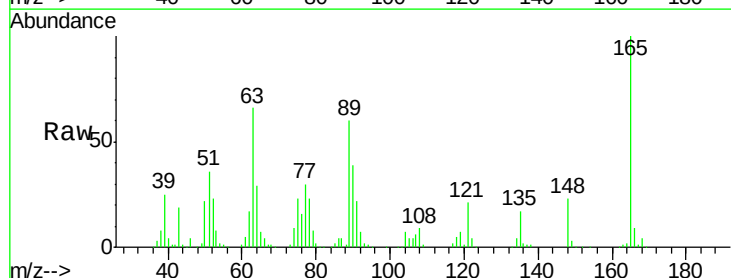
Tgt Ion:165 Resp: 154431

Ion Ratio Lower Upper

165 100

63 66.0 51.8 77.8

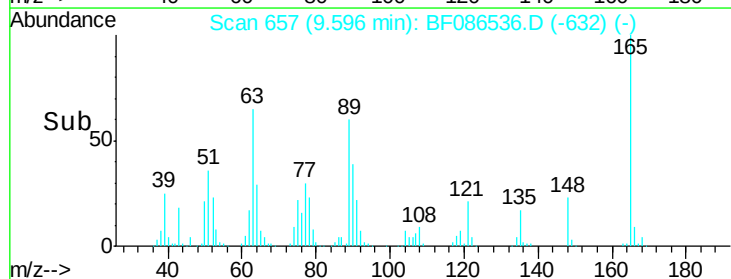
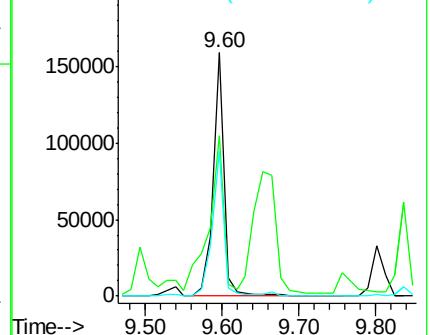
89 59.6 50.7 76.1

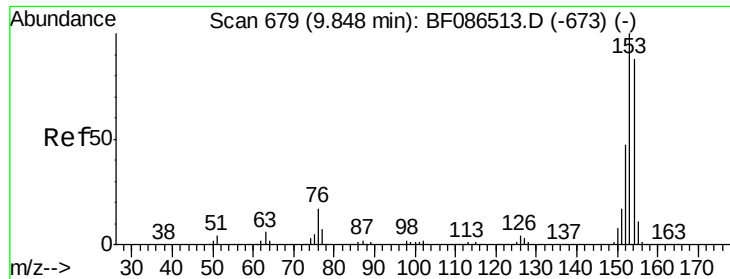


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.96 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

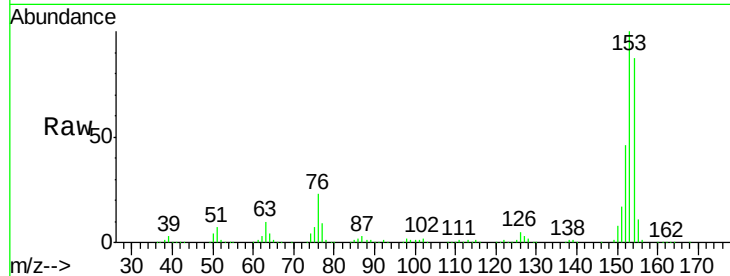
Tot Ion:154 Resp: 615139

Ion Ratio Lower Upper

154 100

153 114.6 89.8 134.6

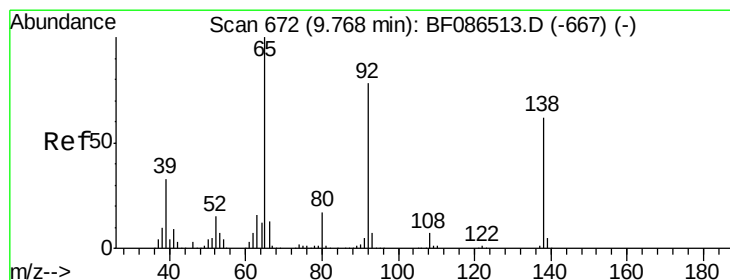
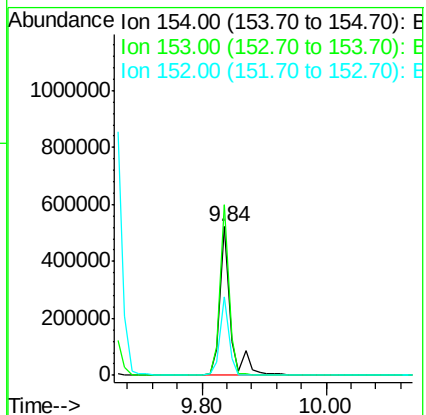
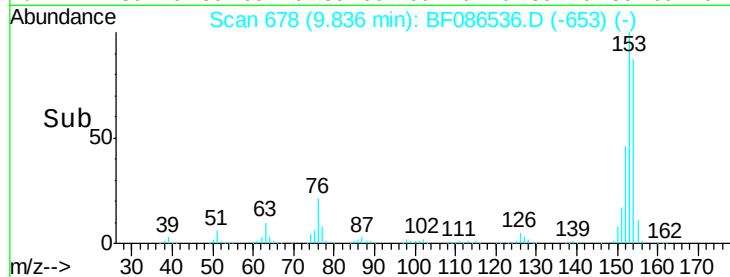
152 52.6 43.4 65.0



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: 21.12 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

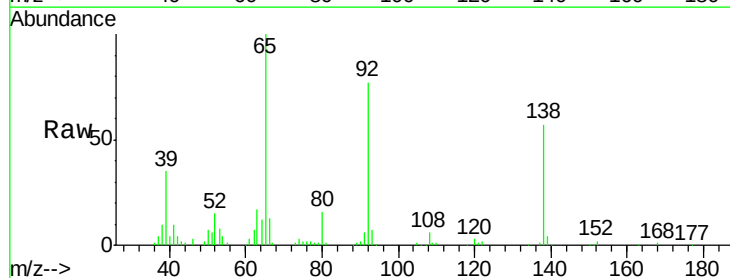
Tgt Ion:138 Resp: 106032

Ion Ratio Lower Upper

138 100

108 10.6 7.8 11.6

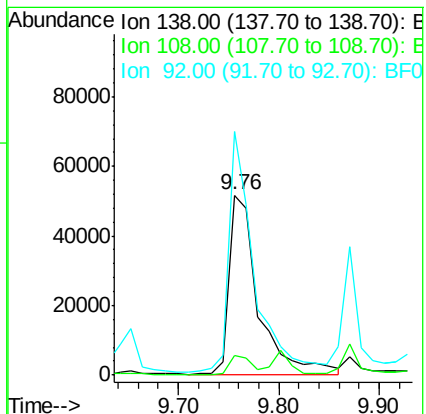
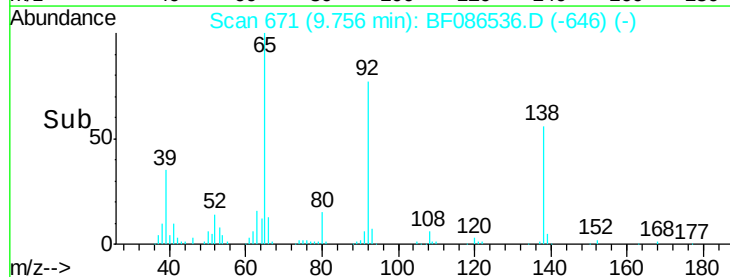
92 135.2 87.8 131.8#

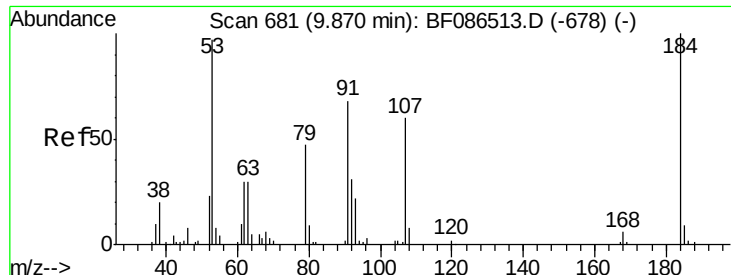


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

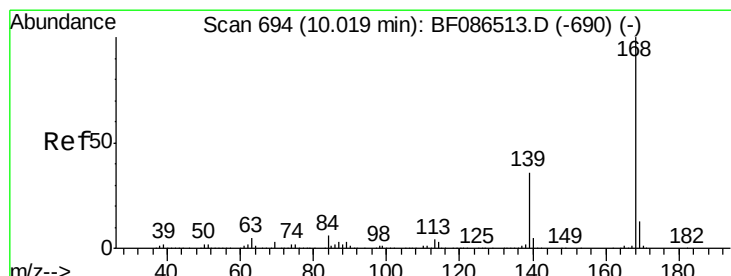
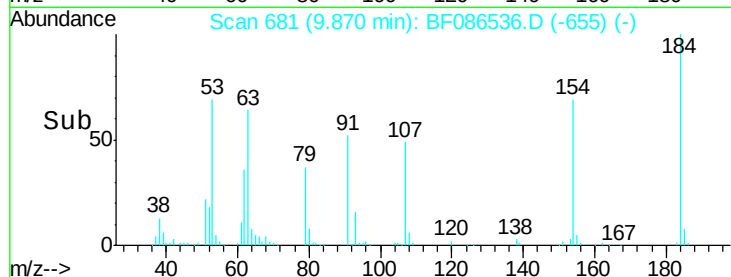
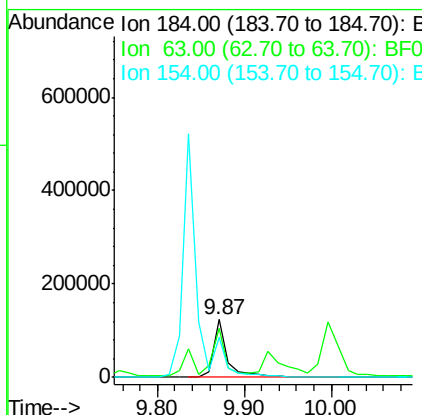
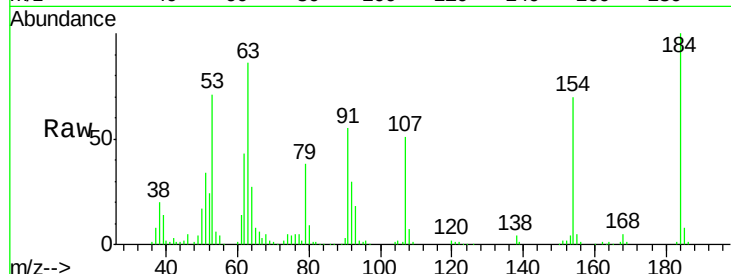




#53
2,4-Dinitrophenol
Concen: 61.16 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

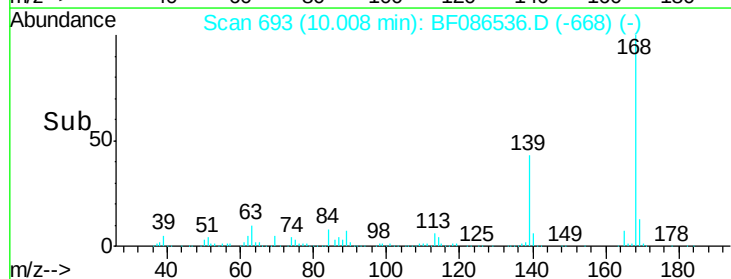
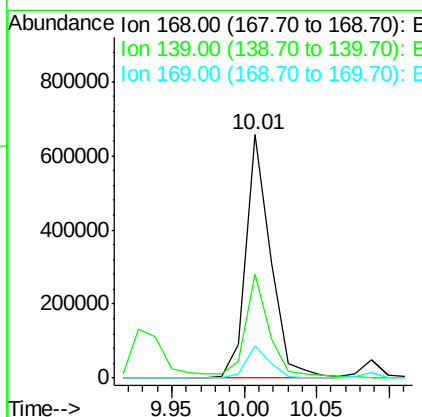
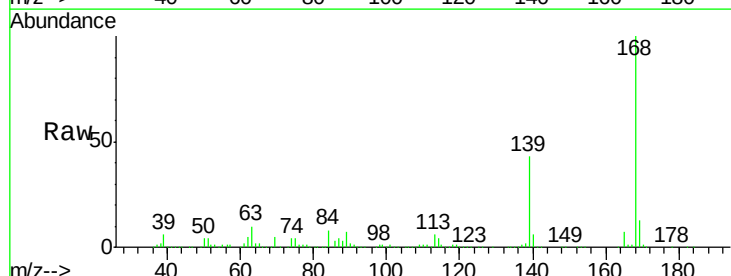
Instrument :
BNA_F
ClientSampleId :

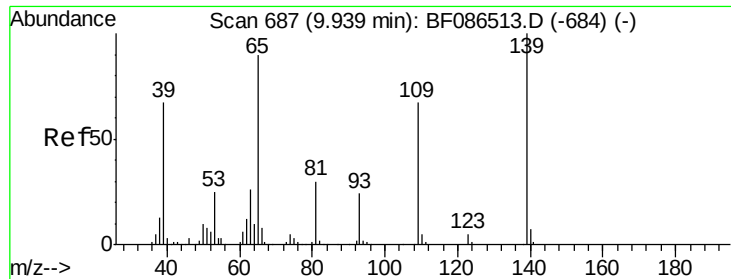
Tot Ion:184 Resp: 142714
Ion Ratio Lower Upper
184 100
63 86.2 55.8 83.8#
154 69.7 62.4 93.6



#54
Dibenzofuran
Concen: 34.34 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:168 Resp: 777490
Ion Ratio Lower Upper
168 100
139 42.7 31.4 47.0
169 13.4 10.7 16.1

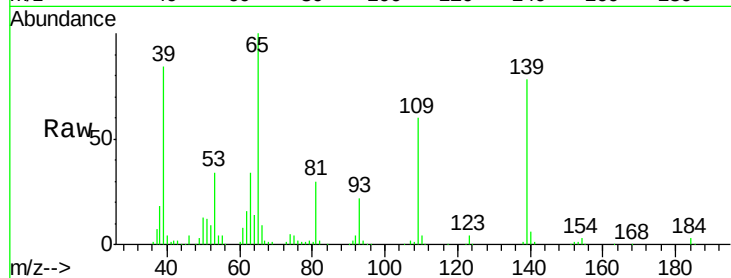




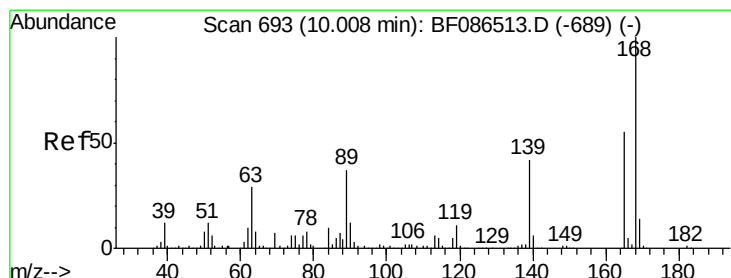
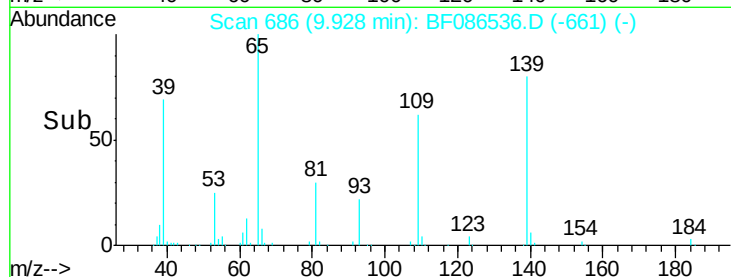
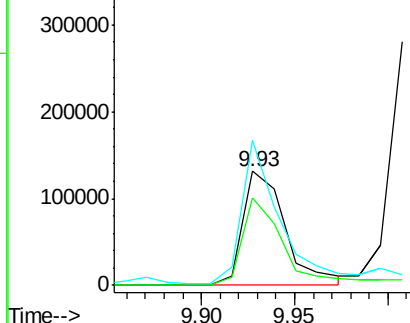
#55
4-Nitrophenol
Concen: 63.33 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 208238
Ion Ratio Lower Upper
139 100
109 77.3 36.9 76.9#
65 128.0 64.0 104.0#

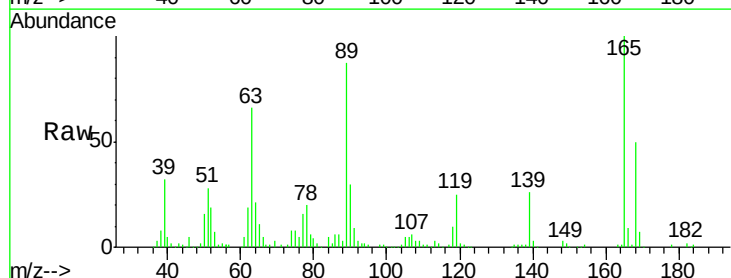


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

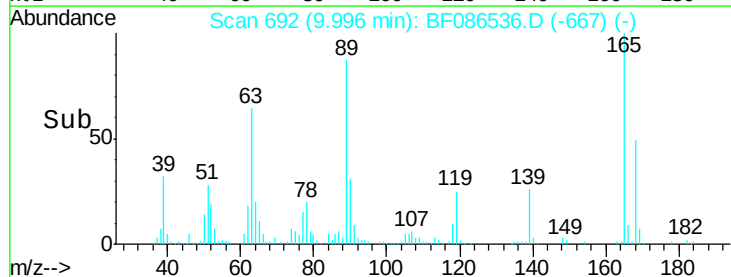
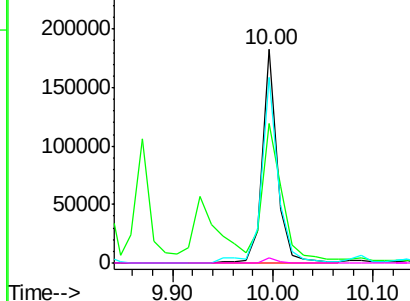


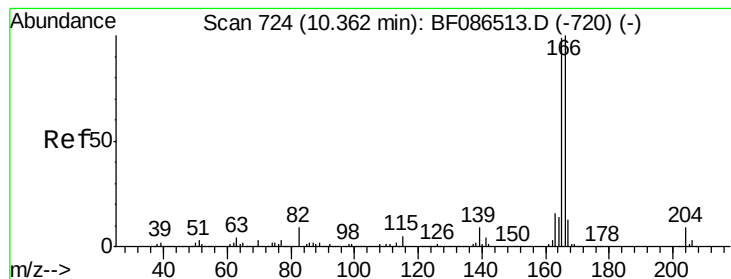
#56
2,4-Dinitrotoluene
Concen: 33.79 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:165 Resp: 190180
Ion Ratio Lower Upper
165 100
63 65.5 44.3 66.5
89 86.9 70.0 105.0
182 2.4 1.8 2.6



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





#57

Fluorene

Concen: 29.59 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

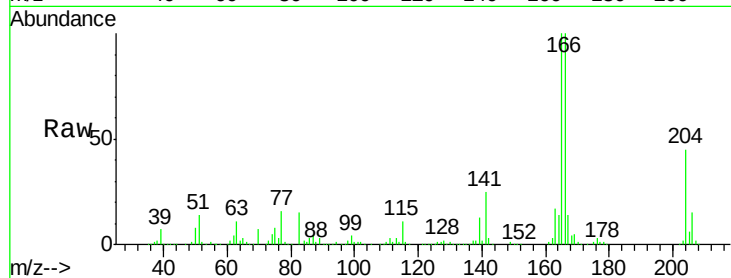
Tot Ion:166 Resp: 581625

Ion Ratio Lower Upper

166 100

165 100.2 79.0 118.6

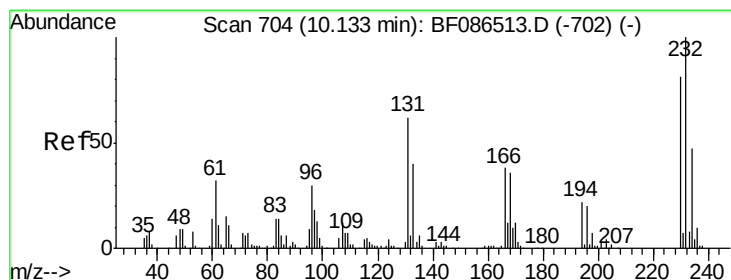
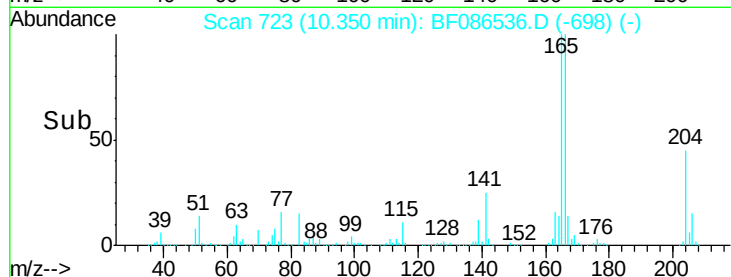
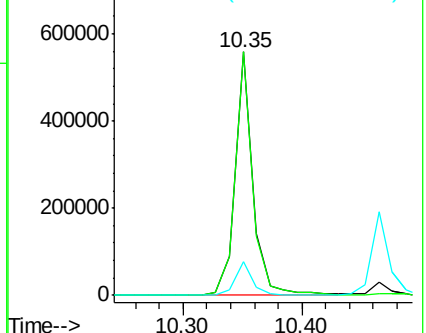
167 13.8 10.6 15.8



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: 37.94 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion:232 Resp: 166073

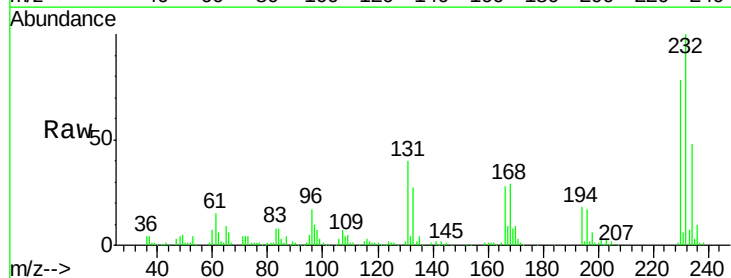
Ion Ratio Lower Upper

232 100

131 47.1 41.9 62.9

130 2.5 2.2 3.4

166 29.0 26.8 40.2

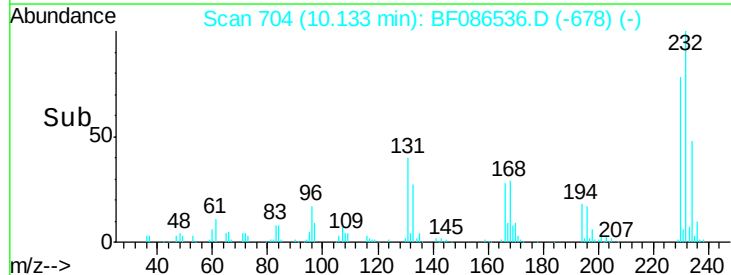
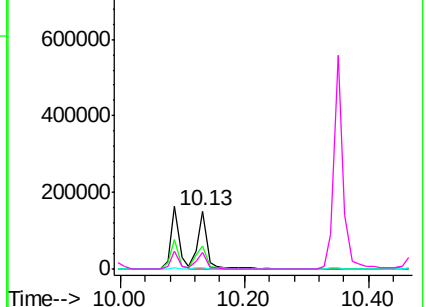


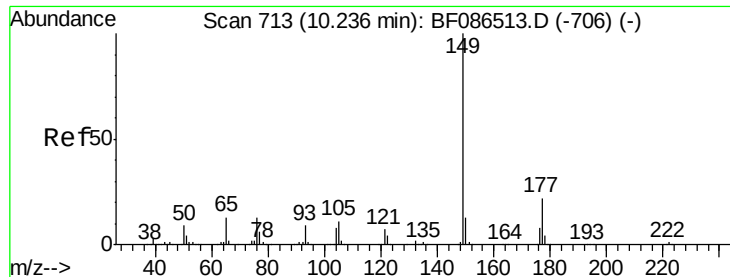
Abundance Ion 232.00 (231.70 to 232.70): E

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

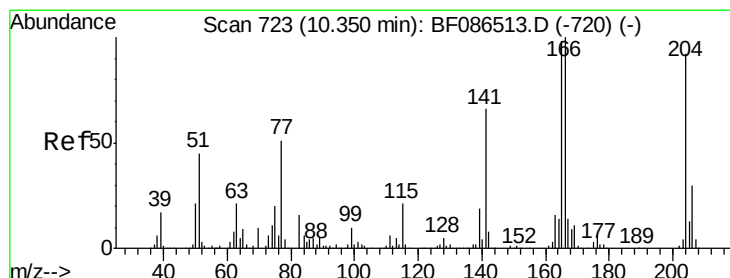
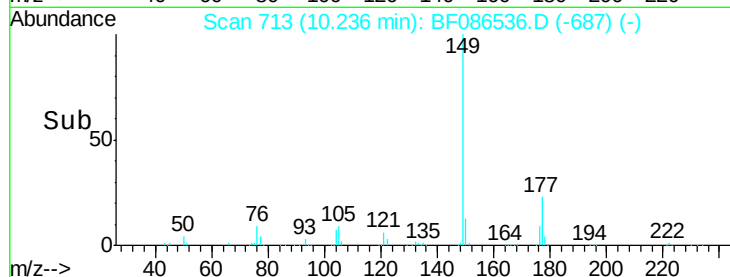
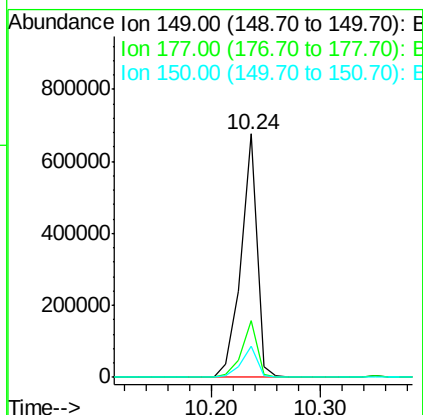
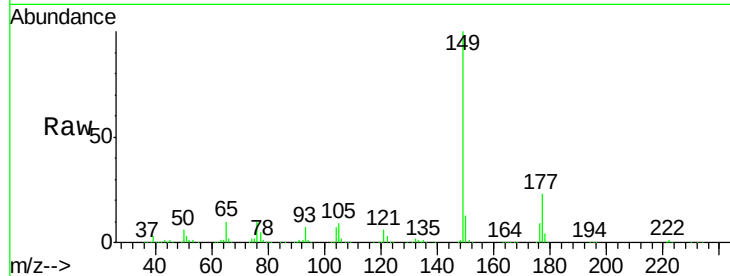




#59
Diethylphthalate
Concen: 33.78 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

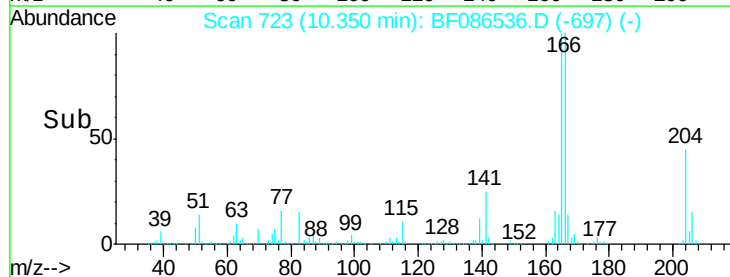
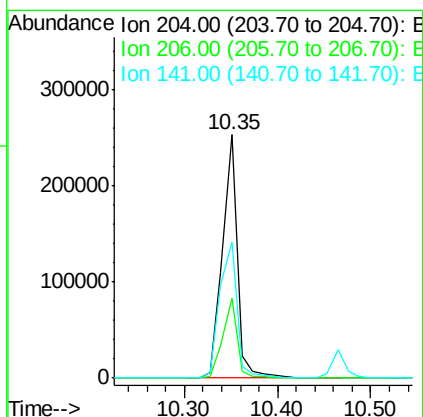
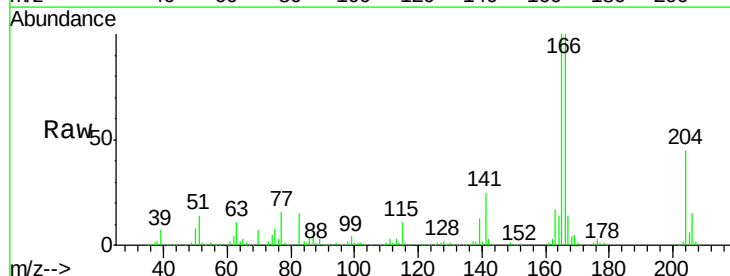
Instrument :
BNA_F
ClientSampleId :

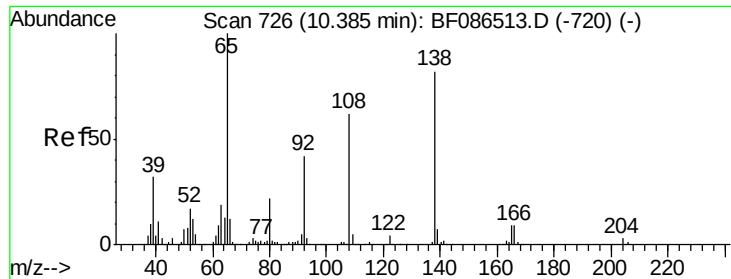
Tot Ion:149 Resp: 683421
Ion Ratio Lower Upper
149 100
177 23.1 16.6 24.8
150 12.7 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 31.47 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:204 Resp: 280902
Ion Ratio Lower Upper
204 100
206 32.9 25.4 38.0
141 56.0 61.6 92.4#

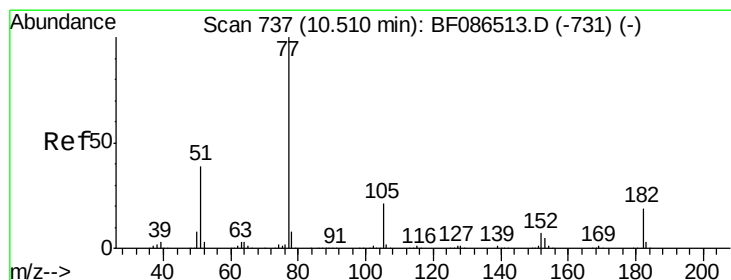
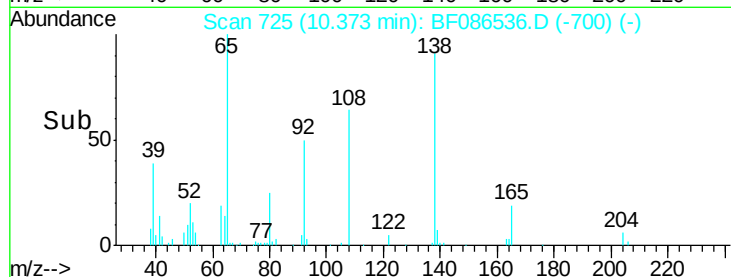
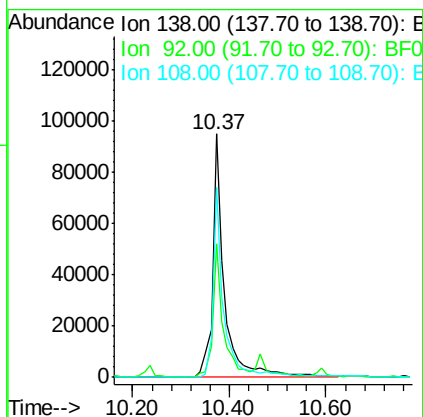
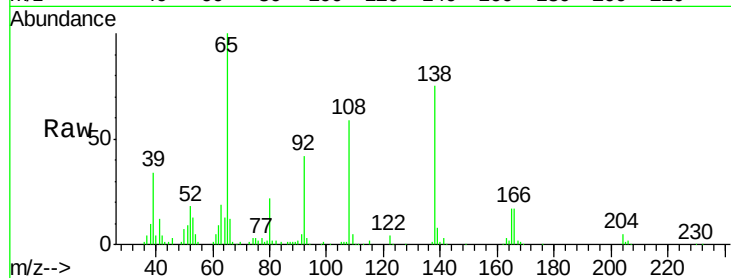




#61
4-Nitroaniline
Concen: 33.86 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

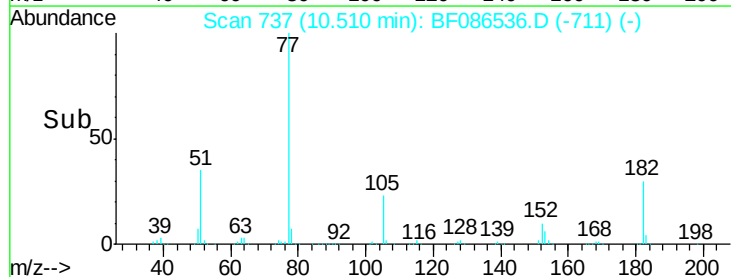
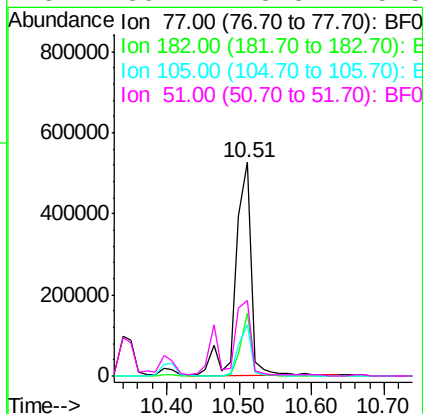
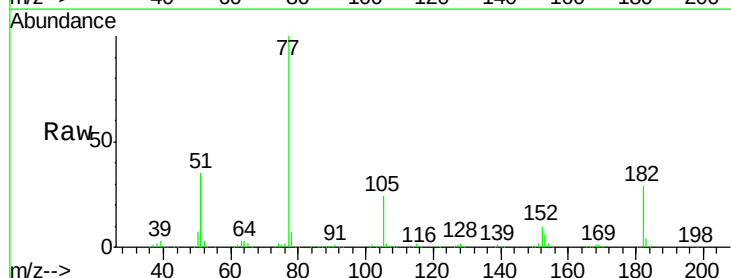
Instrument :
BNA_F
ClientSampleId :

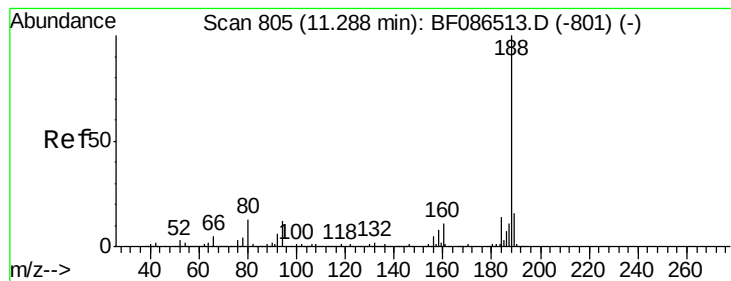
Tot Ion:138 Resp: 166204
Ion Ratio Lower Upper
138 100
92 55.1 24.7 64.7
108 77.9 37.4 77.4#



#62
Azobenzene
Concen: 34.89 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion: 77 Resp: 773125
Ion Ratio Lower Upper
77 100
182 29.3 0.0 38.8
105 24.0 3.2 43.2
51 35.4 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

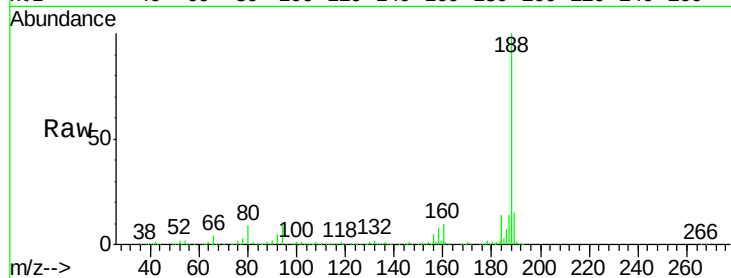
Tot Ion:188 Resp: 570294

Ion Ratio Lower Upper

188 100

94 9.1 6.8 10.2

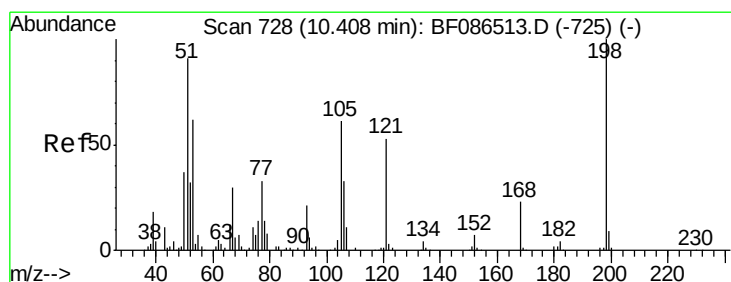
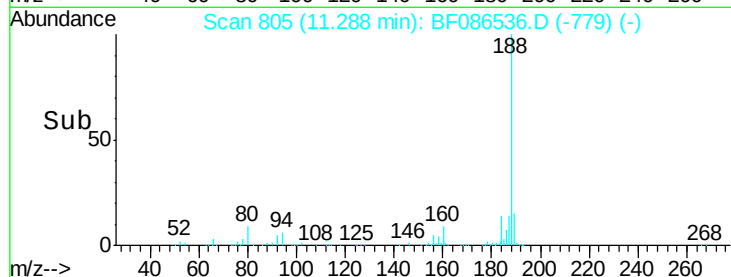
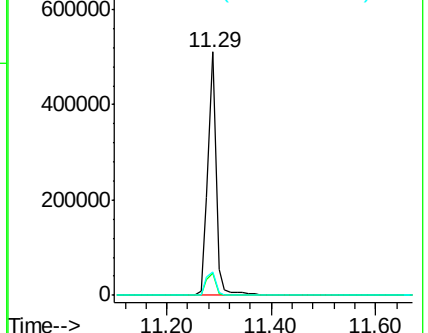
80 9.4 7.1 10.7



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: 31.22 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

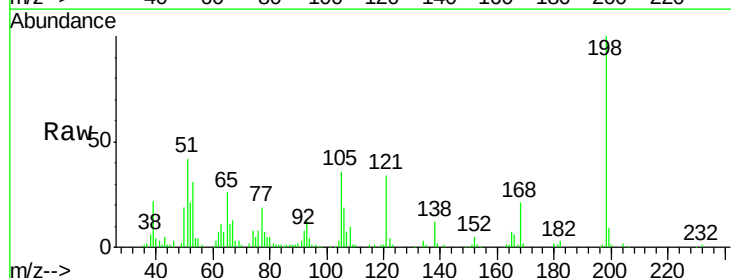
Tgt Ion:198 Resp: 104525

Ion Ratio Lower Upper

198 100

51 42.3 20.5 60.5

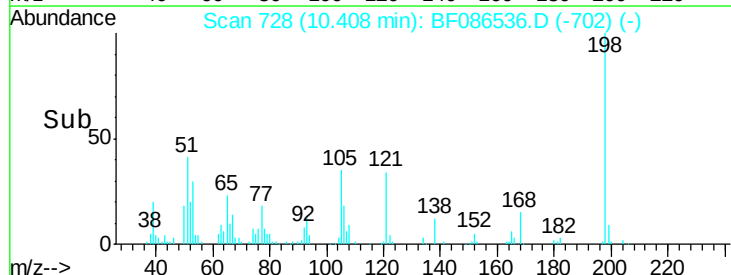
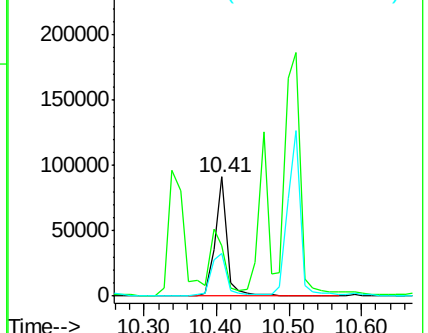
105 35.7 24.5 64.5

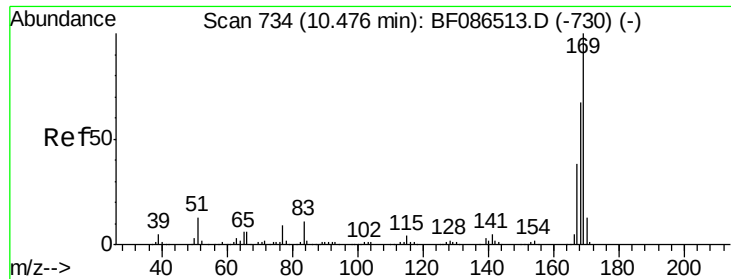


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

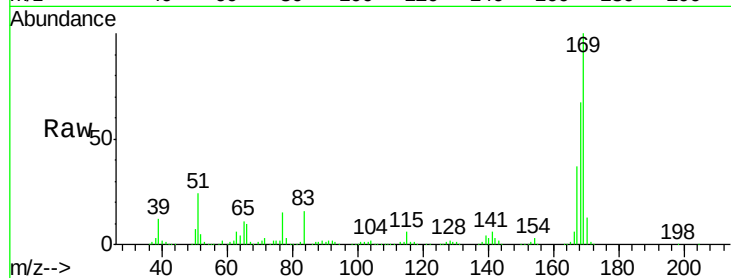




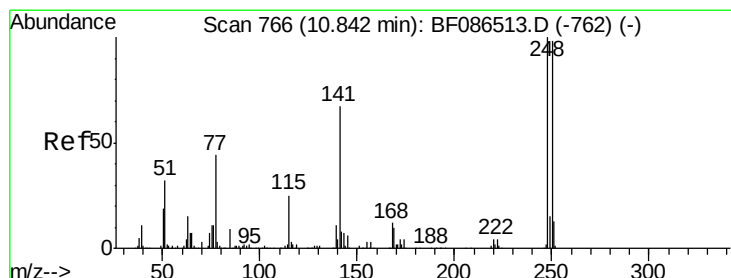
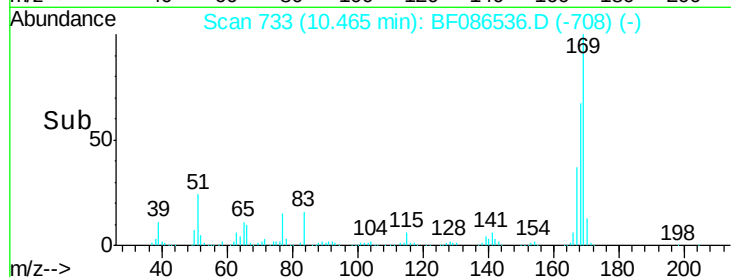
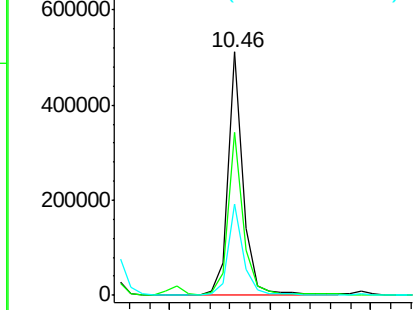
#65
 n-Nitrosodiphenylamine
 Concen: 30.00 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 534634
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.8 80.6
 167 37.3 29.5 44.3

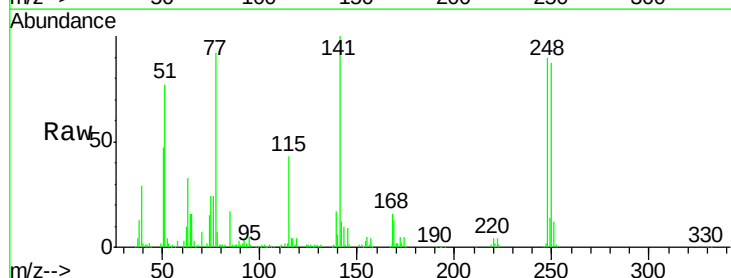


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

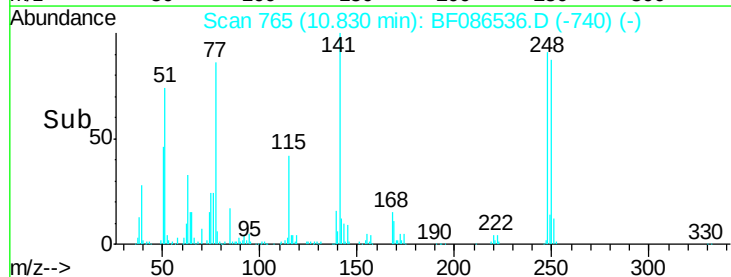
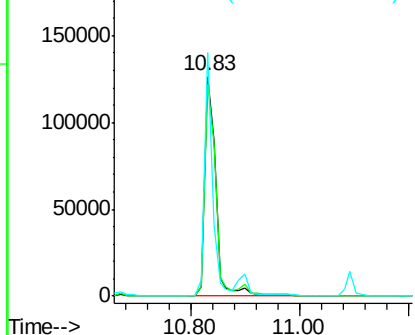


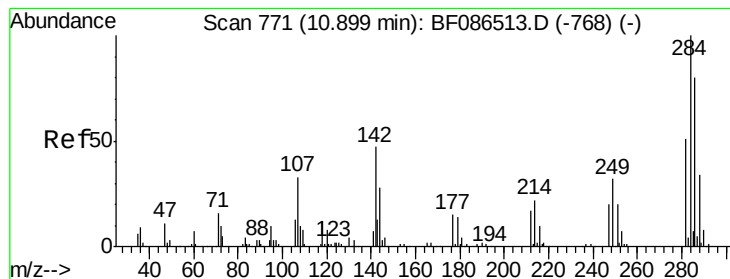
#66
 4-Bromophenyl-phenylether
 Concen: 30.09 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:248 Resp: 176803
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.6 117.8
 141 110.8 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: 30.28 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

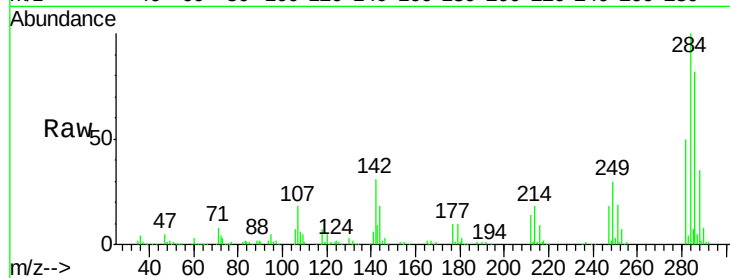
Tot Ion:284 Resp: 205996

Ion Ratio Lower Upper

284 100

142 31.3 16.7 25.1#

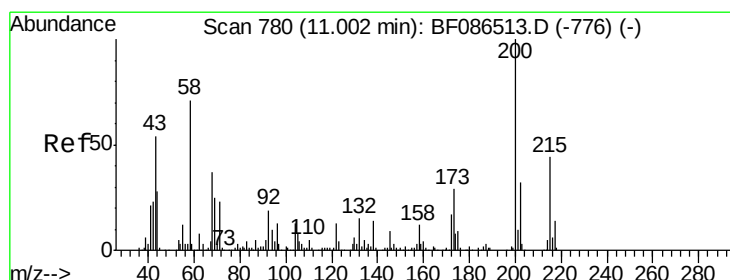
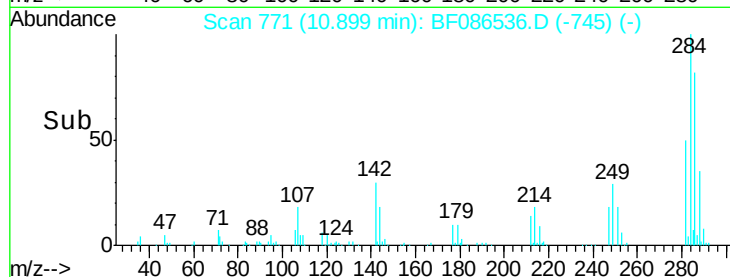
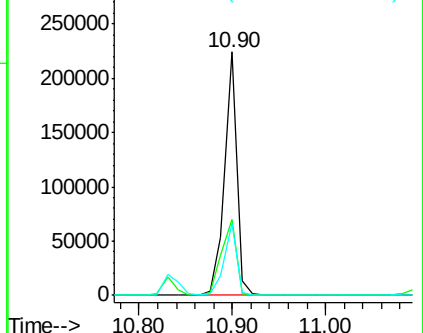
249 29.7 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.42 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

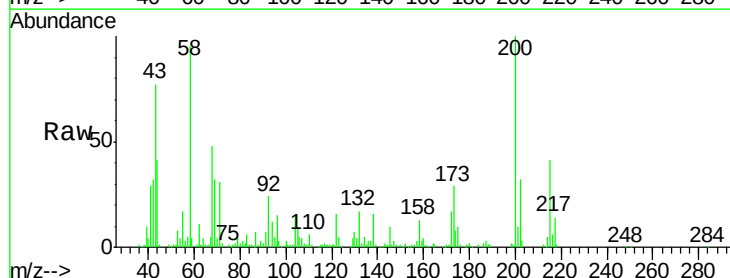
Tgt Ion:200 Resp: 173496

Ion Ratio Lower Upper

200 100

173 29.2 8.5 48.5

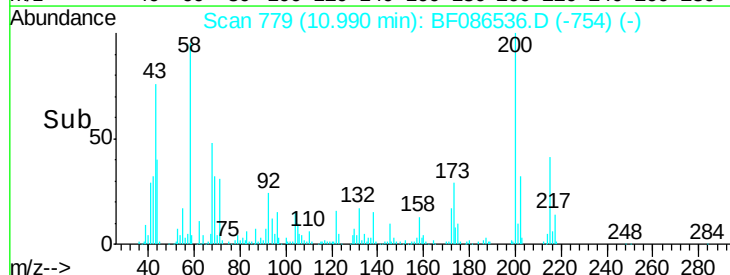
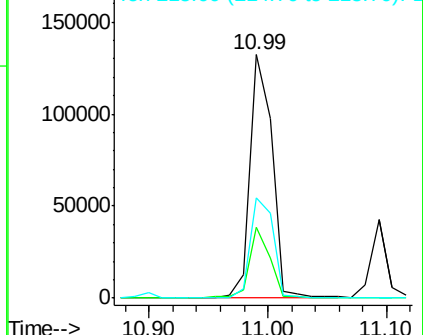
215 41.3 27.2 67.2

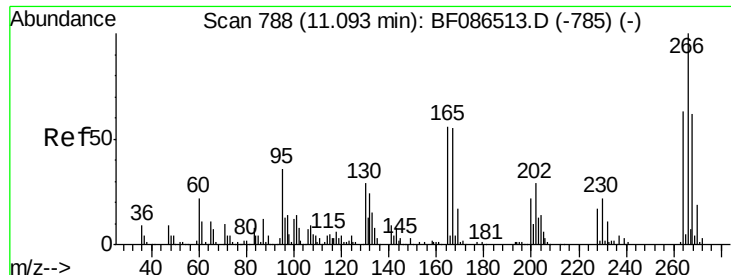


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

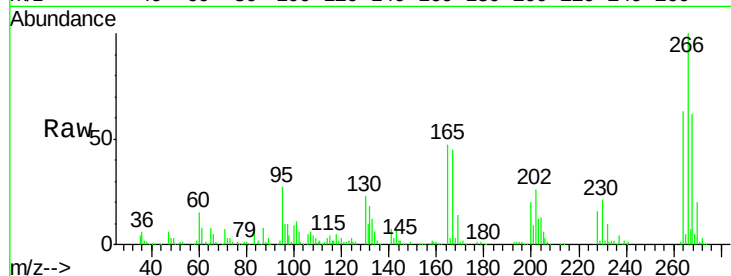




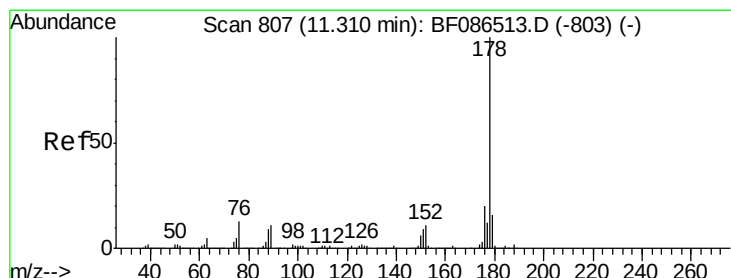
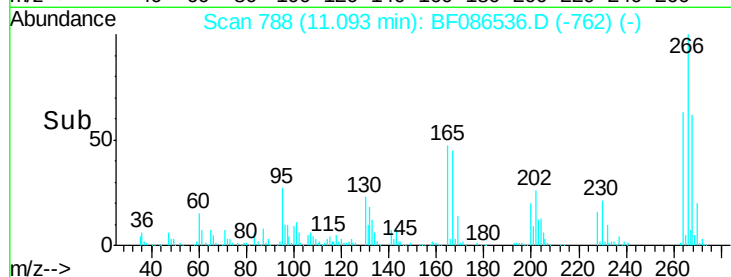
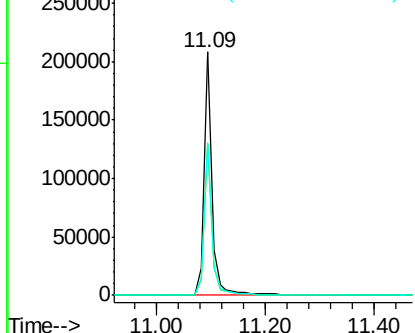
#69
 Pentachlorophenol
 Concen: 58.20 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 208709
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.5 77.3
 264 62.8 52.9 79.3

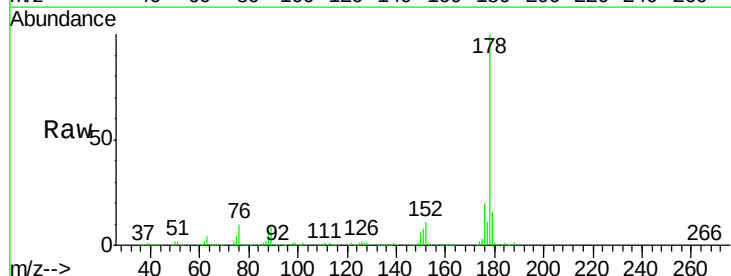


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

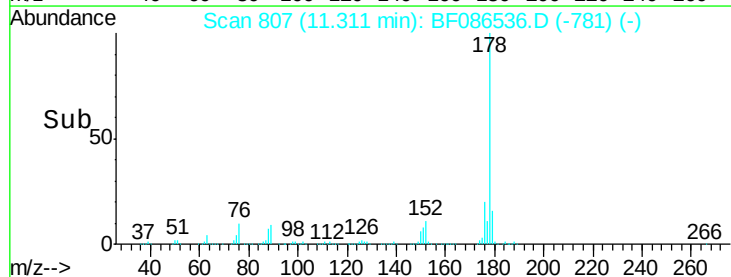
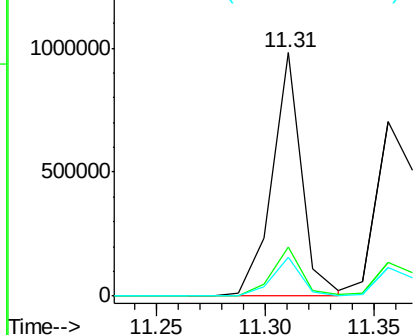


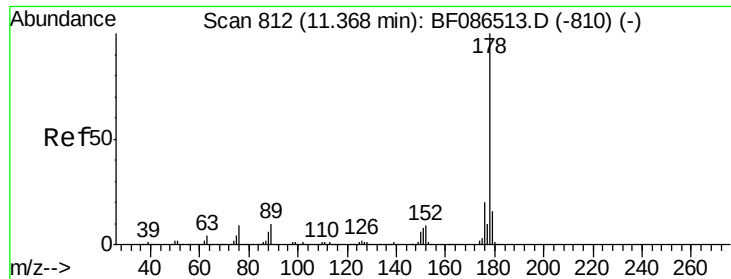
#70
 Phenanthrene
 Concen: 31.24 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:178 Resp: 935079
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.7 12.6 18.8



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

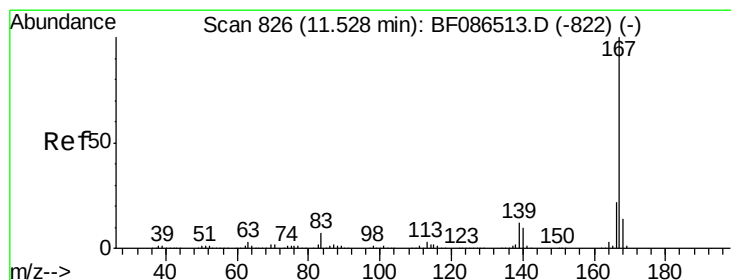
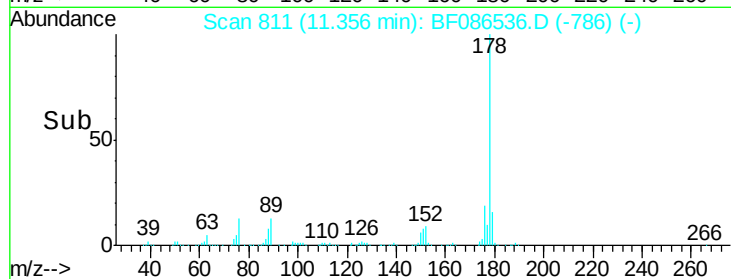
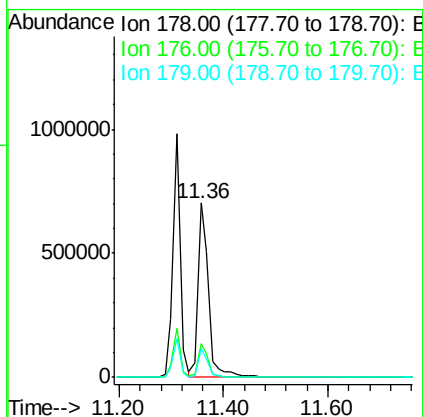
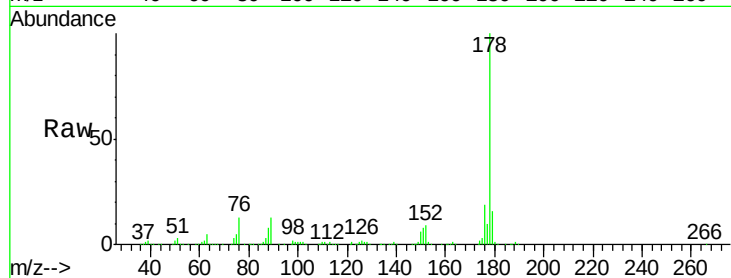




#71
 Anthracene
 Concen: 31.04 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

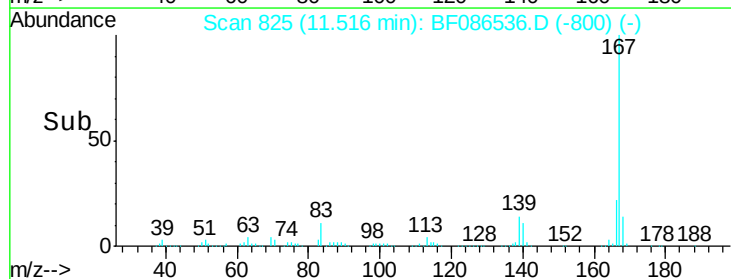
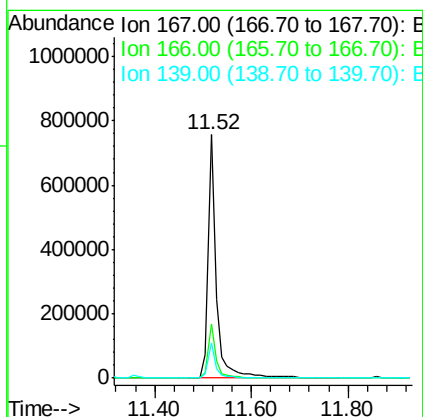
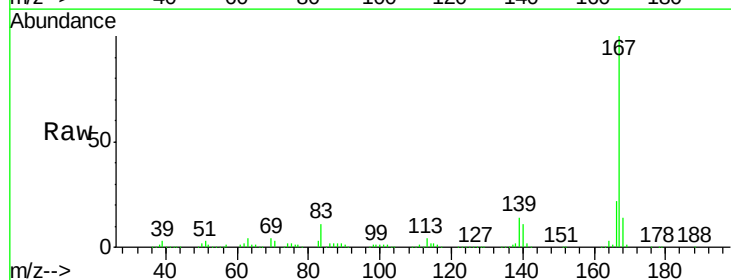
Instrument :
 BNA_F
 ClientSampleId :

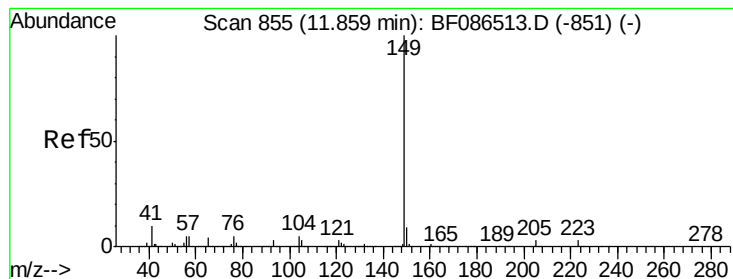
Tot Ion:178 Resp: 991247
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 16.1 12.7 19.1



#72
 Carbazole
 Concen: 31.87 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:167 Resp: 902289
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 32.39 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

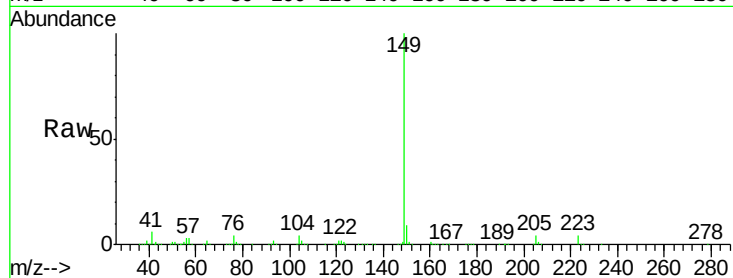
Tot Ion:149 Resp: 1038662

Ion Ratio Lower Upper

149 100

150 8.8 7.6 11.4

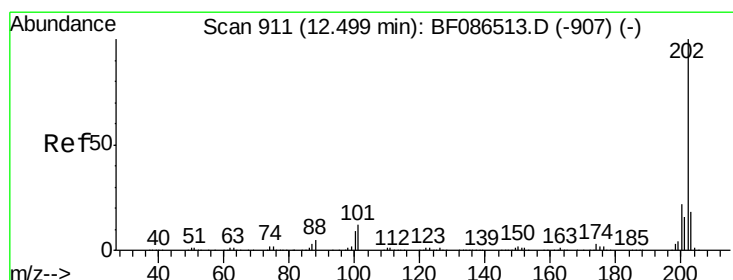
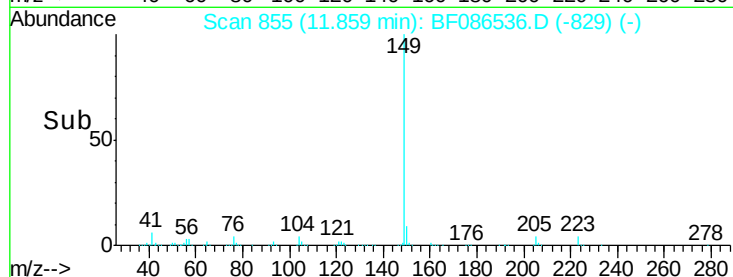
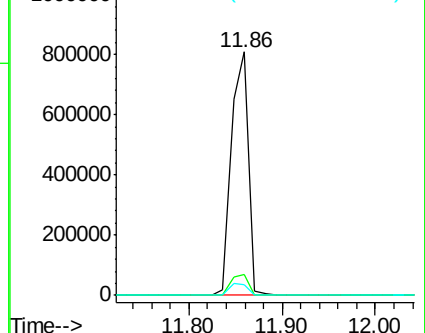
104 4.2 3.8 5.6



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: 31.66 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

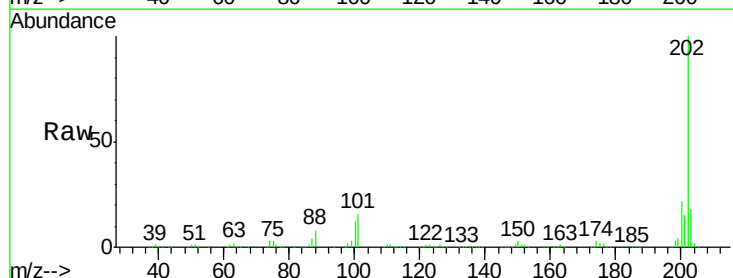
Tgt Ion:202 Resp: 956361

Ion Ratio Lower Upper

202 100

101 15.7 0.0 35.4

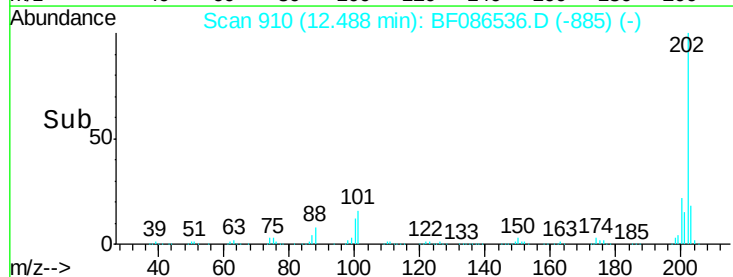
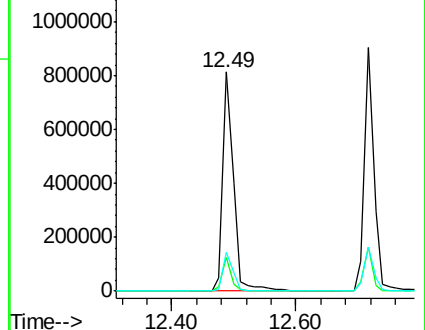
203 18.0 0.0 38.1

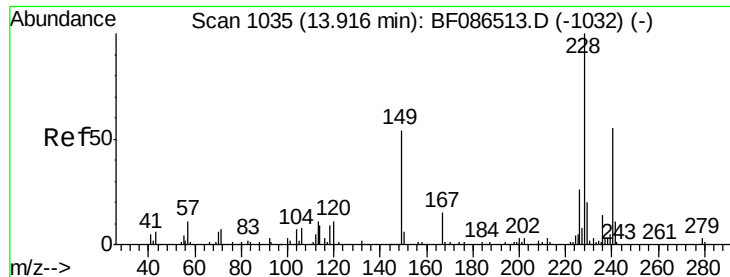


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampled :

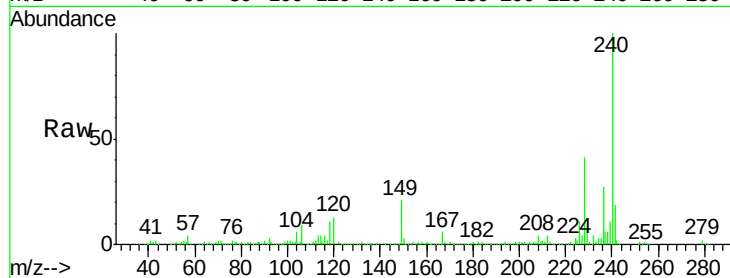
Tot Ion:240 Resp: 450774

Ion Ratio Lower Upper

240 100

120 13.0 11.2 16.8

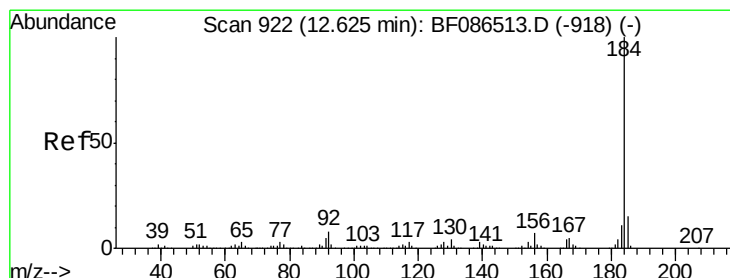
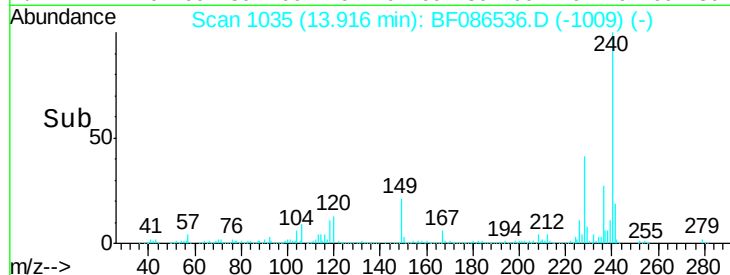
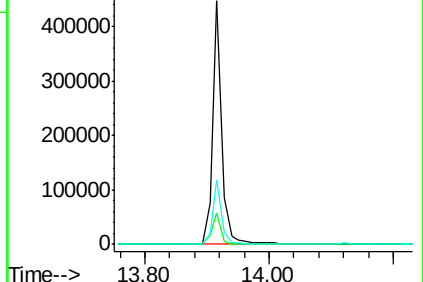
236 26.6 21.2 31.8



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: 18.64 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

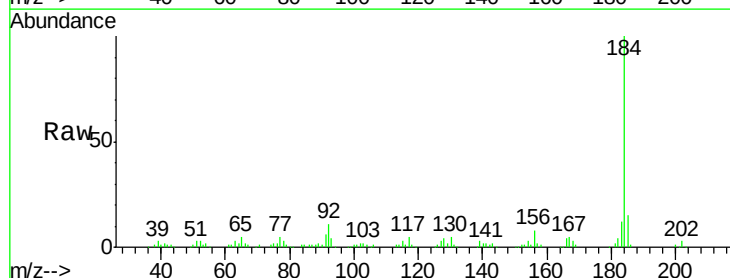
Tgt Ion:184 Resp: 288710

Ion Ratio Lower Upper

184 100

185 15.1 13.6 20.4

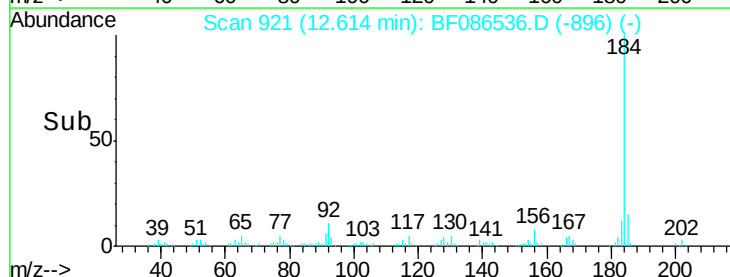
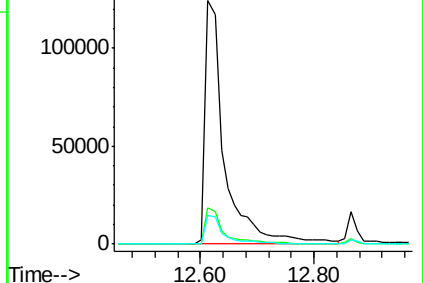
183 11.7 9.8 14.6

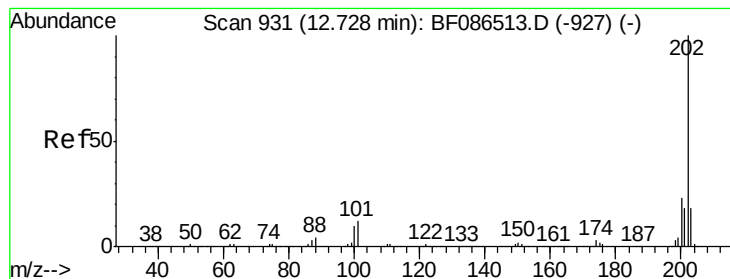


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 29.15 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

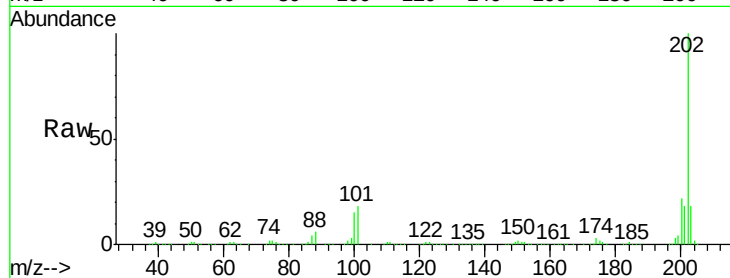
Tot Ion:202 Resp: 946902

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

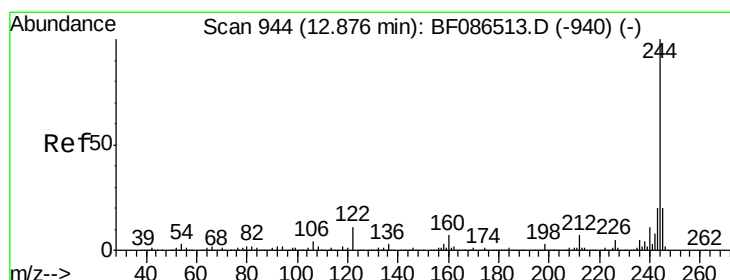
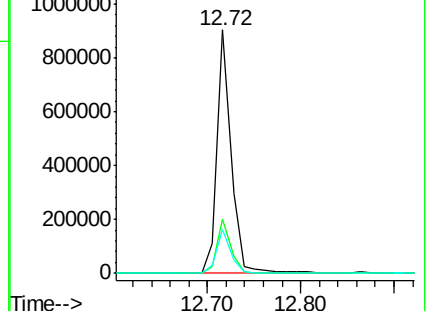
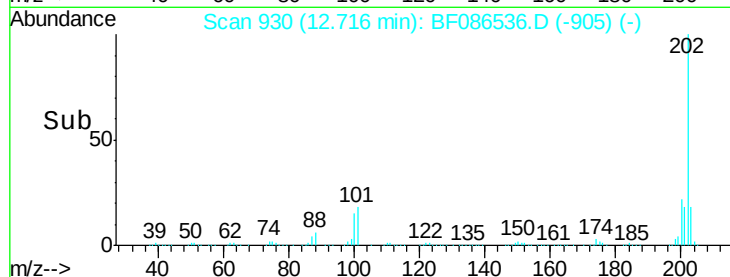
203 18.1 14.2 21.4



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: 55.54 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

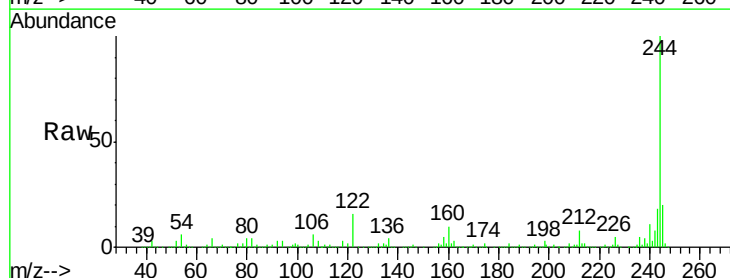
Tgt Ion:244 Resp: 1136398

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

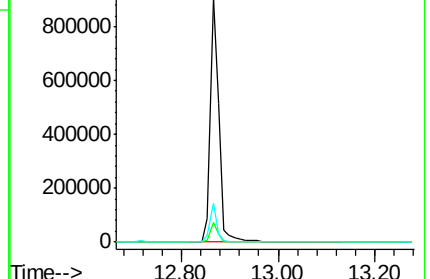
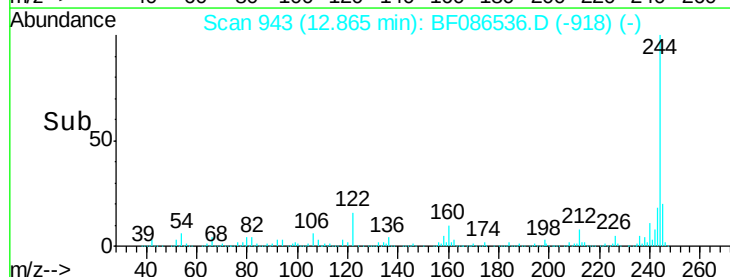
122 16.1 12.0 18.0

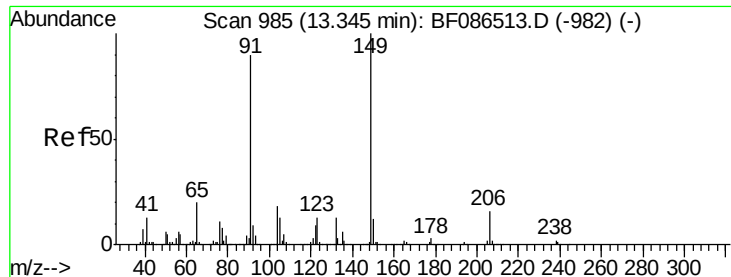


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 30.23 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

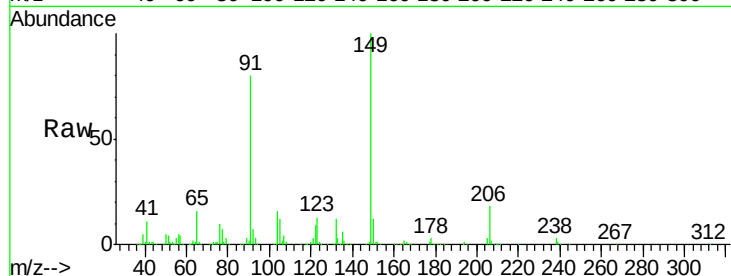
Tot Ion:149 Resp: 425250

Ion Ratio Lower Upper

149 100

91 80.3 48.0 72.0#

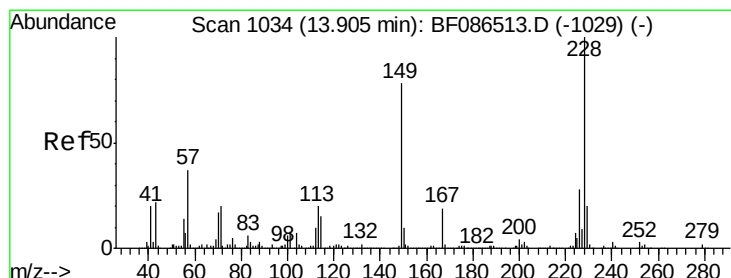
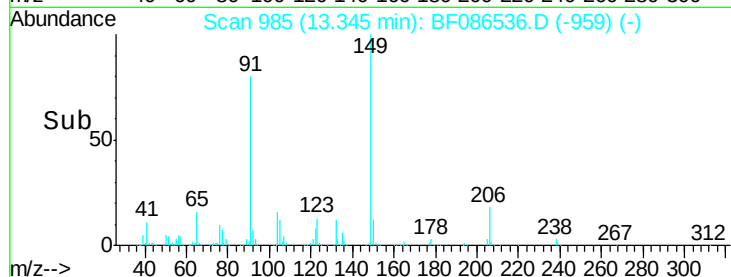
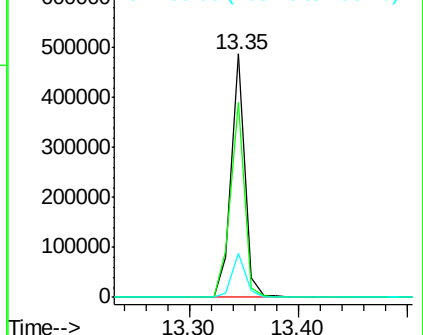
206 18.1 15.8 23.6



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: 32.89 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

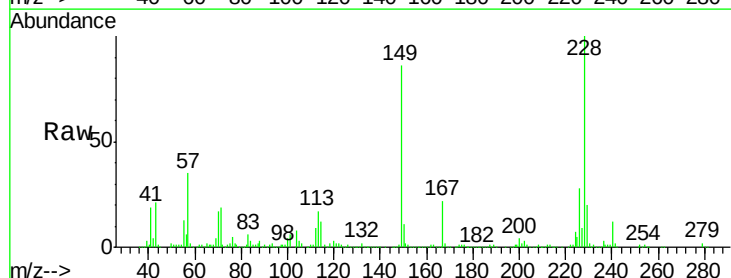
Tgt Ion:228 Resp: 790400

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

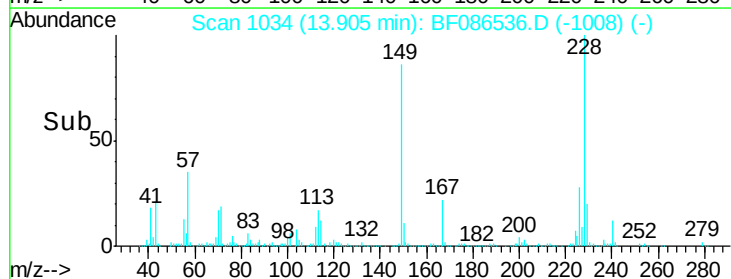
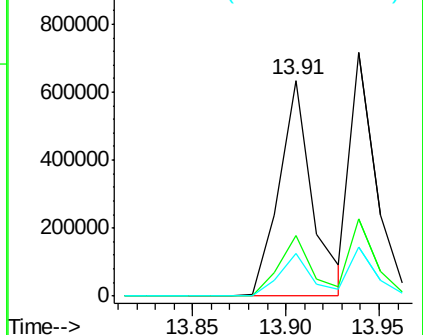
229 19.8 16.6 25.0

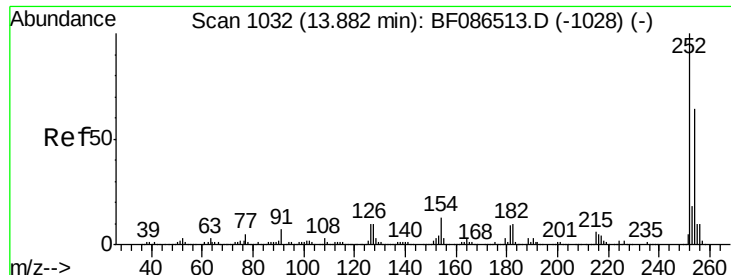


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

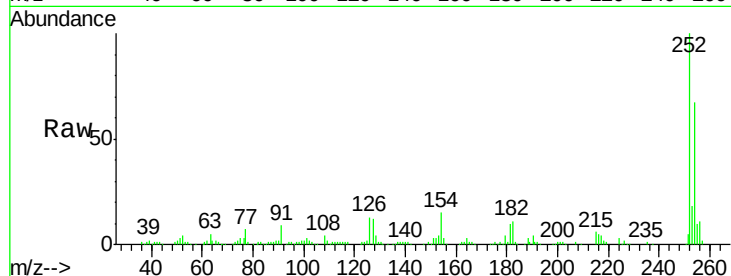




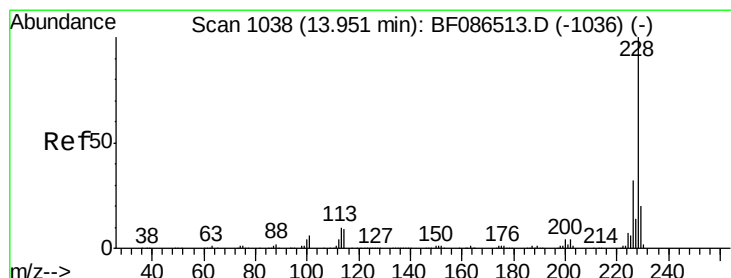
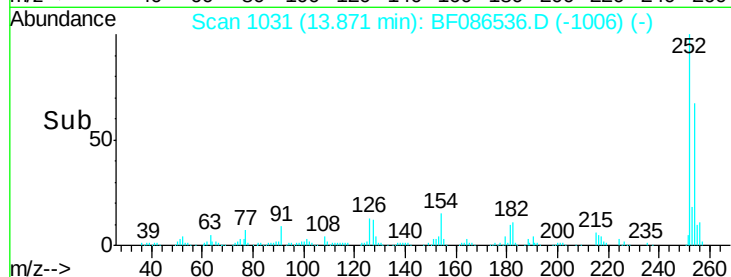
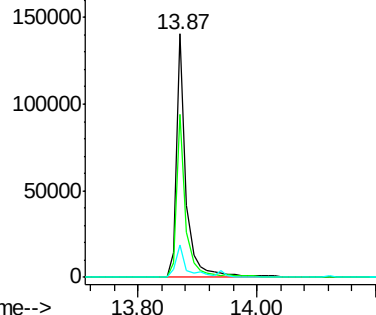
#81
 3,3'-Dichlorobenzidine
 Concen: 10.10 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 162275
 Ion Ratio Lower Upper
 252 100
 254 66.7 50.7 76.1
 126 13.3 12.7 19.1

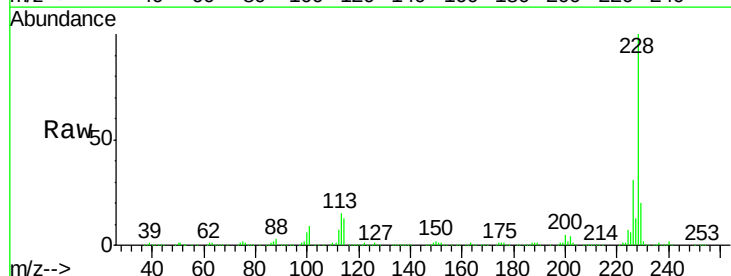


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

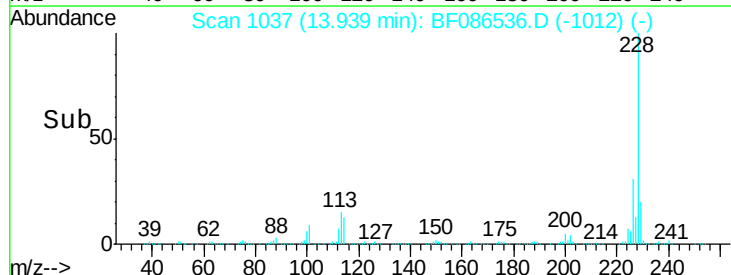
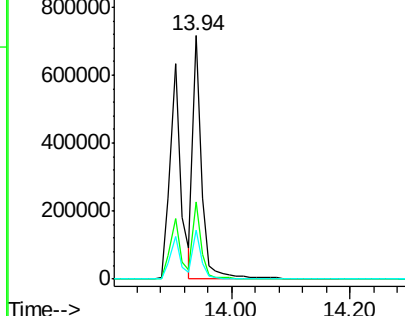


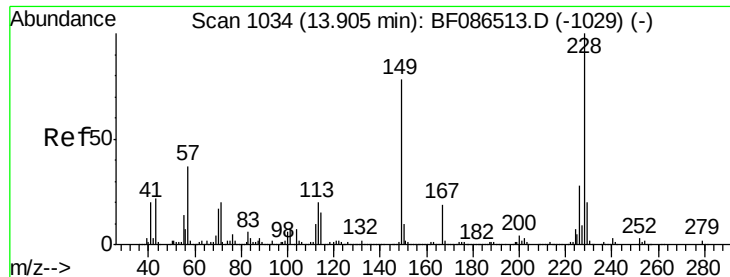
#82
 Chrysene
 Concen: 28.57 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:228 Resp: 746409
 Ion Ratio Lower Upper
 228 100
 226 31.5 24.4 36.6
 229 20.2 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.78 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

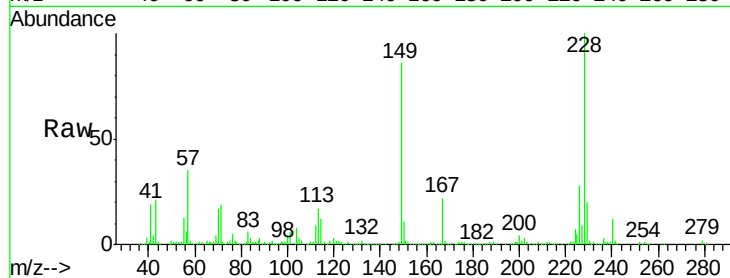
Tot Ion:149 Resp: 485050

Ion Ratio Lower Upper

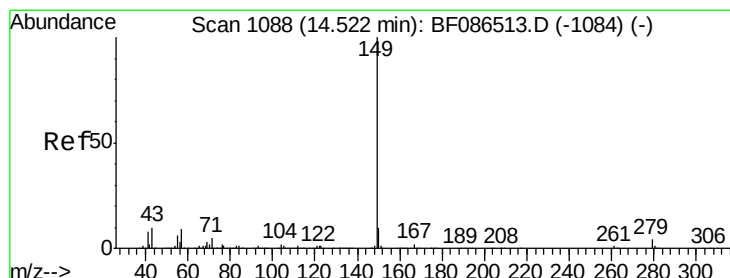
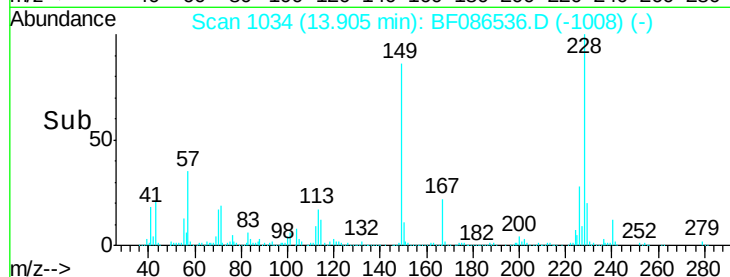
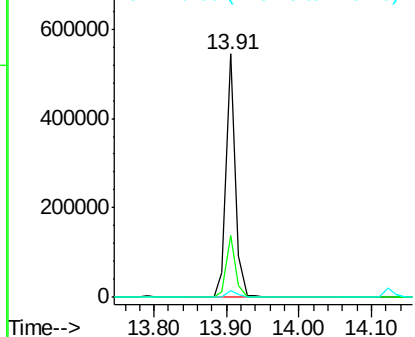
149 100

167 25.3 21.8 32.6

279 2.7 2.6 4.0



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



#84

Di-n-octyl phthalate

Concen: 29.05 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

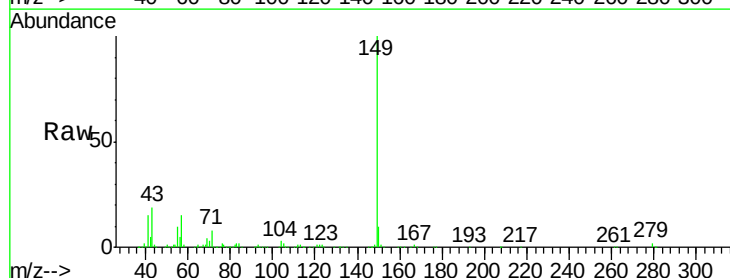
Tgt Ion:149 Resp: 794501

Ion Ratio Lower Upper

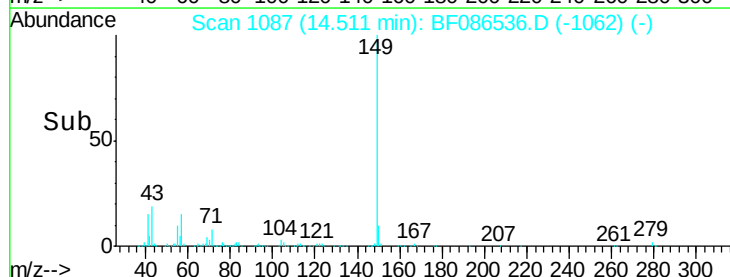
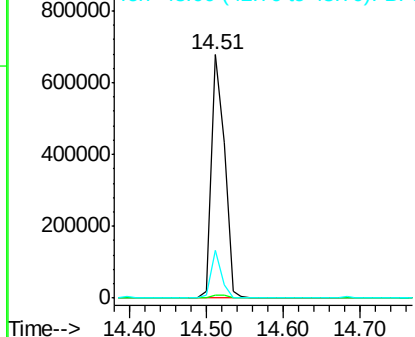
149 100

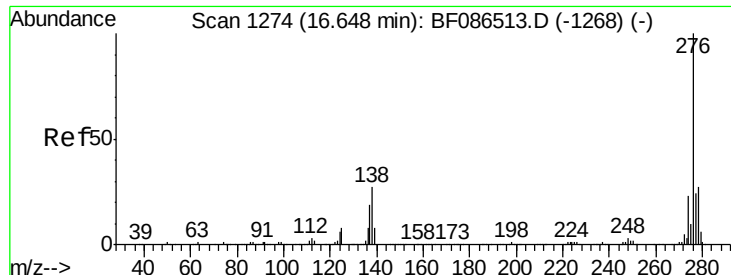
167 1.5 1.2 1.8

43 15.3 8.2 12.4#



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

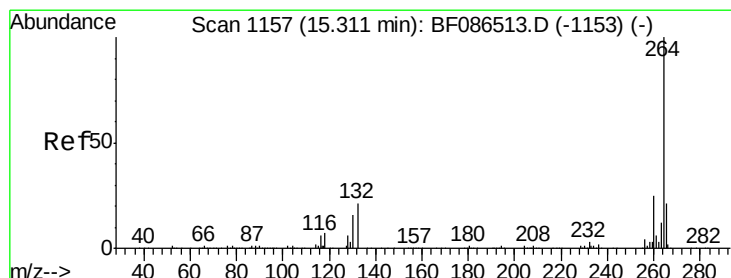
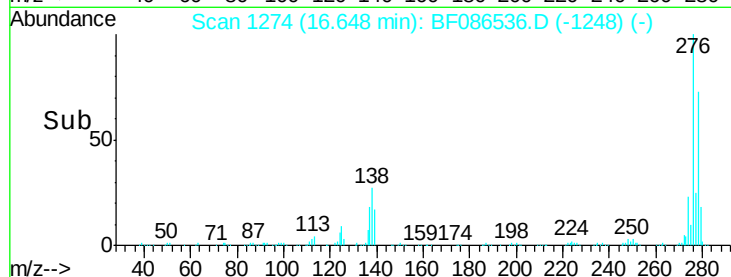
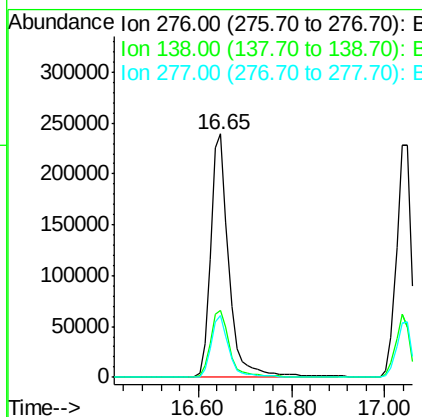
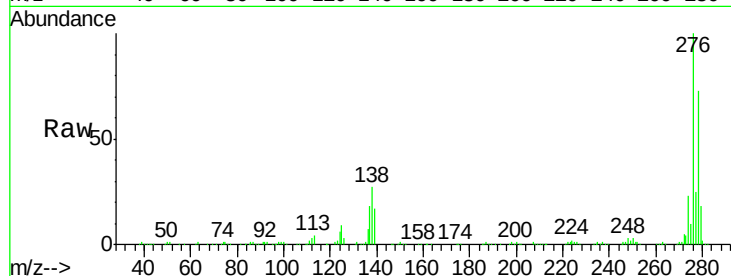




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.75 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

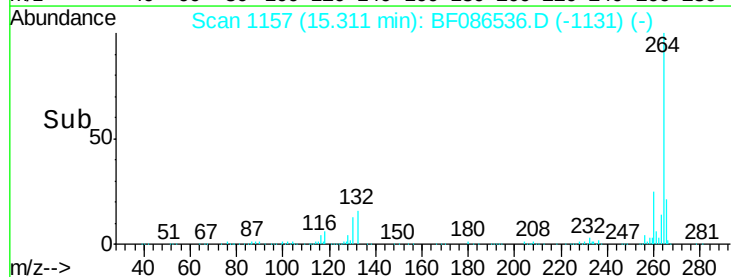
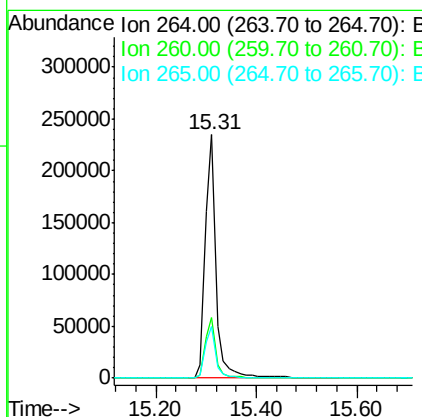
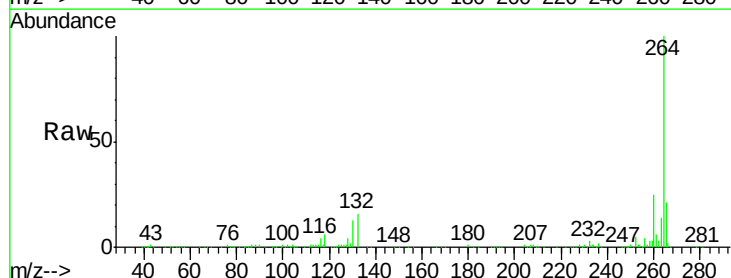
Instrument :
 BNA_F
 ClientSampleId :

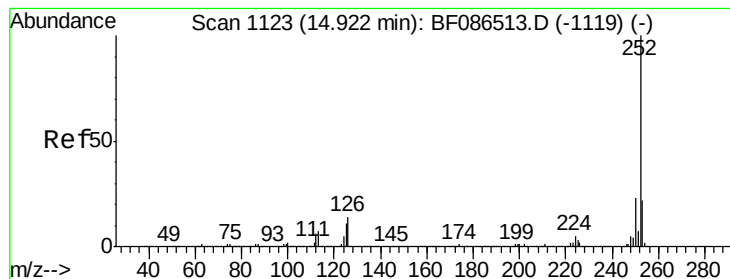
Tot Ion:276 Resp: 653263
 Ion Ratio Lower Upper
 276 100
 138 29.3 25.6 38.4
 277 25.3 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:264 Resp: 353744
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 21.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 67.76 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

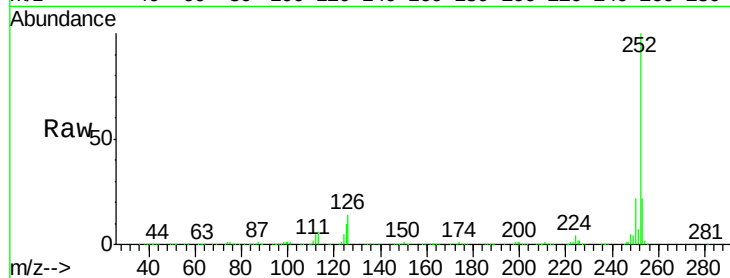
Tot Ion:252 Resp: 1410142

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

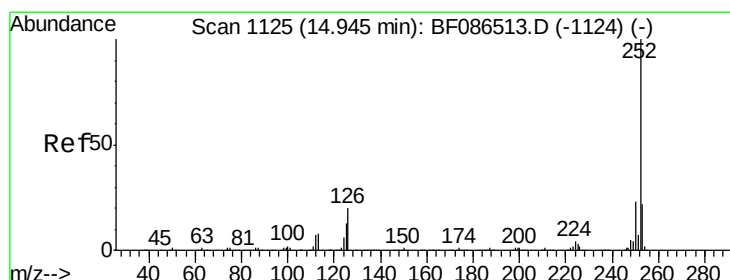
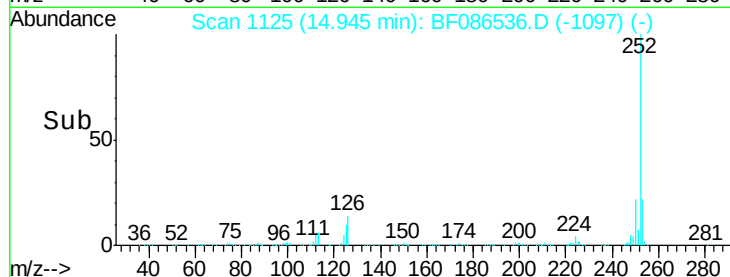
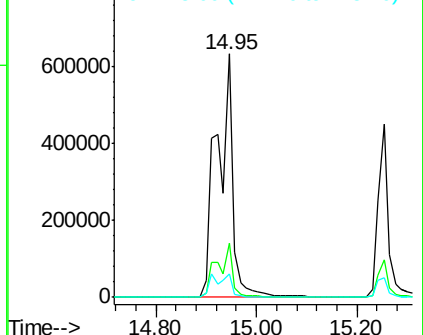
125 9.8 11.4 17.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 65.11 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

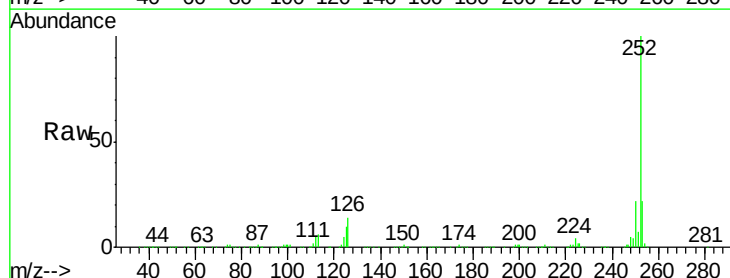
Tgt Ion:252 Resp: 1413285

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

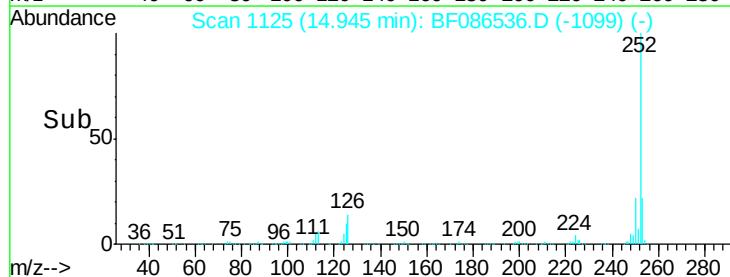
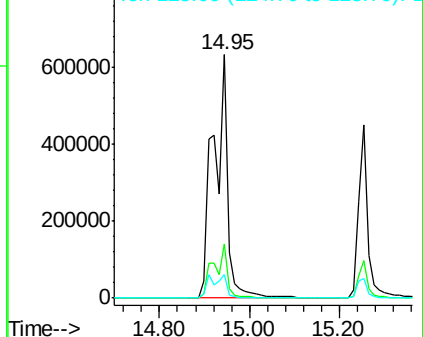
125 9.8 9.1 13.7

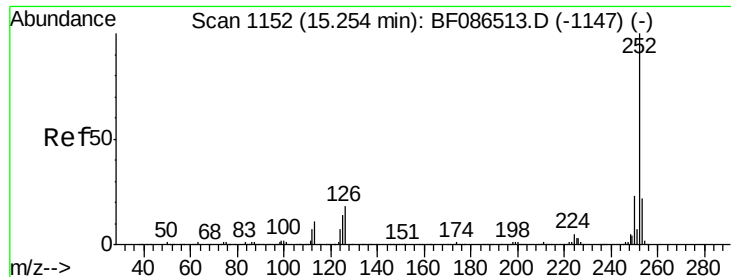


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

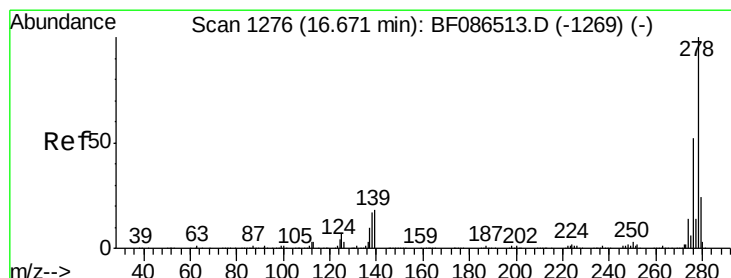
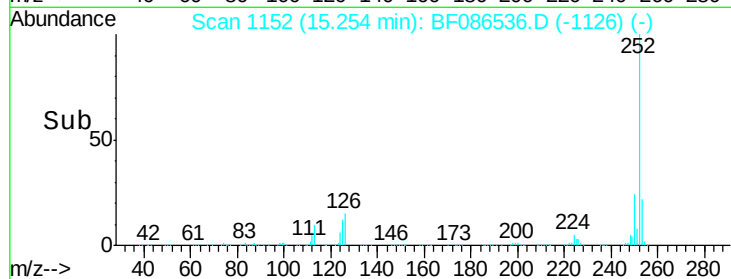
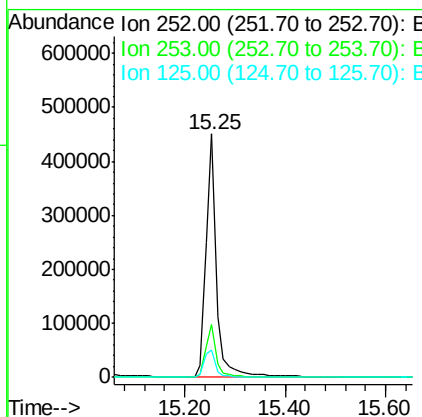
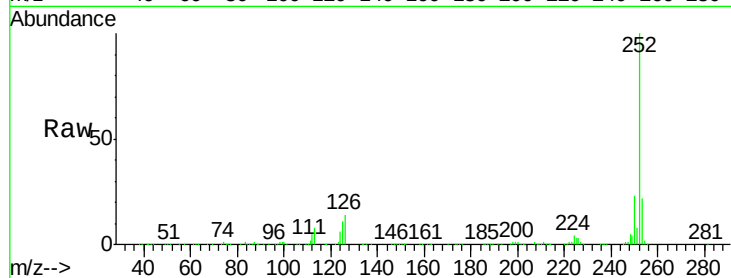




#89
Benzo(a)pyrene
Concen: 32.76 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

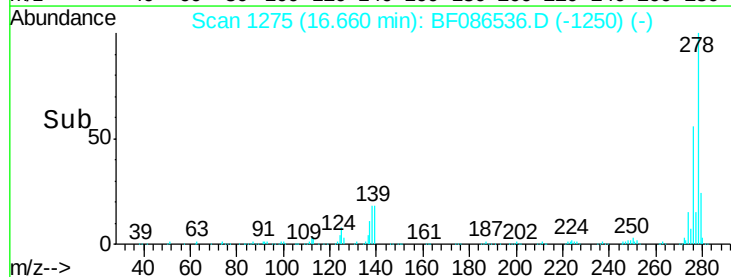
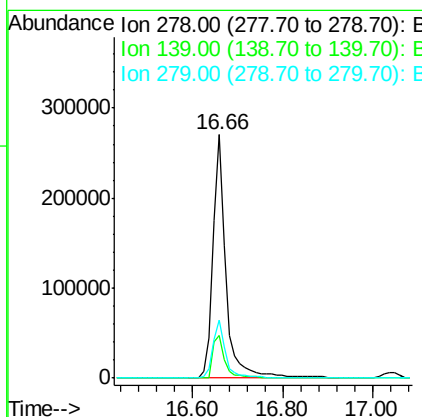
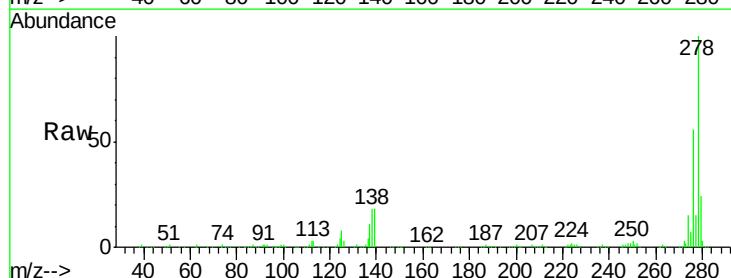
Instrument :
BNA_F
ClientSampleId :

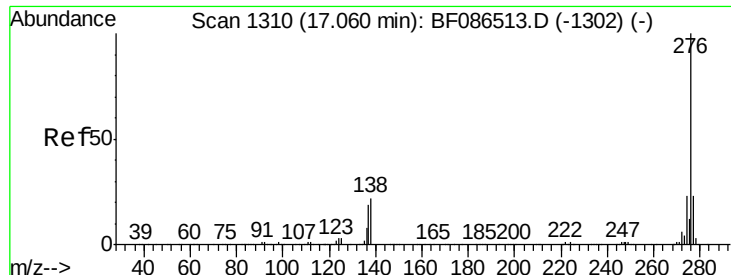
Tot Ion:252 Resp: 643609
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 11.0 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 34.03 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:278 Resp: 547197
Ion Ratio Lower Upper
278 100
139 17.7 16.6 24.8
279 23.9 19.6 29.4

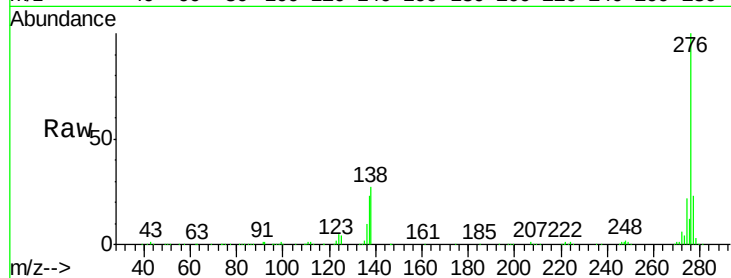




#91
 Benzo(a,h,i)perylene
 Concen: 34.02 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 548234
 Ion Ratio Lower Upper
 276 100
 277 23.1 19.6 29.4
 138 27.1 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

