

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086528.D
 Acq On : 30 Apr 2016 17:21
 Operator : UM/SJ
 Sample : PB90147BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:22:19 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	132633	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	574500	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	273327	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	553963	20.00	ng	0.00
75) Chrysene-d12	13.92	240	434094	20.00	ng	0.00
86) Perylene-d12	15.31	264	343826	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	567626	73.82	ng	0.01
7) Phenol-d6	6.41	99	752686	70.13	ng	0.00
23) Nitrobenzene-d5	7.33	82	673560	63.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	188135	65.27	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1125437	68.99	ng	-0.01
78) Terphenyl-d14	12.87	244	1115654	56.62	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	112845	27.94	ng	# 82
3) Pyridine	3.06	79	316007	33.06	ng	# 65
4) n-Nitrosodimethylamine	3.00	42	174731	32.07	ng	# 57
6) Aniline	6.43	93	160300	12.34	ng	97
8) 2-Chlorophenol	6.54	128	295424	30.85	ng	83
9) Benzaldehyde	6.30	77	40282	6.45	ng	93
10) Phenol	6.42	94	416894	34.82	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	297919	28.78	ng	# 83
12) 1,3-Dichlorobenzene	6.70	146	310730	30.16	ng	95
13) 1,4-Dichlorobenzene	6.78	146	321432	30.24	ng	97
14) 1,2-Dichlorobenzene	6.93	146	294111	30.17	ng	96
15) Benzyl Alcohol	6.91	79	242048	35.65	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	615095	29.69	ng	90
17) 2-Methylphenol	7.04	107	246729	31.87	ng	96
18) Hexachloroethane	7.28	117	115976	29.20	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	227527	32.07	ng	# 74
20) 3+4-Methylphenols	7.18	107	306625	34.69	ng	91
22) Acetophenone	7.18	105	398828	31.66	ng	# 85
24) Nitrobenzene	7.36	77	326928	29.82	ng	# 88
25) Isophorone	7.60	82	629844	30.70	ng	96
26) 2-Nitrophenol	7.66	139	154448	30.59	ng	# 71
27) 2,4-Dimethylphenol	7.71	122	278245	31.41	ng	90
28) bis(2-Chloroethoxy)methane	7.81	93	374662	33.53	ng	100
29) 2,4-Dichlorophenol	7.92	162	258901	34.64	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	266400	30.73	ng	97
31) Naphthalene	8.08	128	922053	31.54	ng	99
32) Benzoic acid	7.84	122	136516	29.58	ng	95
33) 4-Chloroaniline	8.13	127	81136	7.41	ng	99
34) Hexachlorobutadiene	8.19	225	137134	28.22	ng	99
35) Caprolactam	8.49	113	58276	23.37	ng	# 59
36) 4-Chloro-3-methylphenol	8.61	107	276326	32.29	ng	91
37) 2-Methylnaphthalene	8.76	142	557942	32.34	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	240512	30.74	ng	97
40) Hexachlorocyclopentadiene	8.92	237	242116	62.27	ng	95

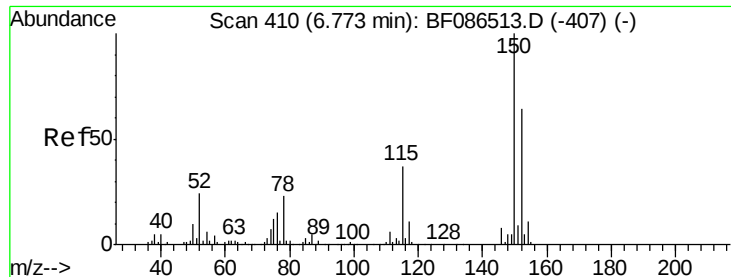
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	170106	34.40	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	177098	32.85	nq	97
45) 1,1'-Biphenyl	9.23	154	720881	31.55	nq	97
46) 2-Chloronaphthalene	9.25	162	545702	31.41	nq	96
47) 2-Nitroaniline	9.36	65	198689	35.67	nq	95
48) Acenaphthylene	9.66	152	832843	30.67	nq	99
49) Dimethylphthalate	9.54	163	657014	31.93	nq	98
50) 2,6-Dinitrotoluene	9.60	165	150522	35.41	nq	95
51) Acenaphthene	9.84	154	603279	34.59	nq	99
52) 3-Nitroaniline	9.76	138	61305	12.68	nq	# 78
53) 2,4-Dinitrophenol	9.87	184	138466	61.57	nq	88
54) Dibenzofuran	10.01	168	741171	34.00	nq	95
55) 4-Nitrophenol	9.93	139	202245	63.89	nq	# 60
56) 2,4-Dinitrotoluene	10.00	165	184995	34.14	nq	95
57) Fluorene	10.35	166	562828	29.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	154255	36.60	nq	97
59) Diethylphthalate	10.24	149	654088	33.58	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	277256	32.27	nq	# 83
61) 4-Nitroaniline	10.37	138	155701	32.95	nq	81
62) Azobenzene	10.51	77	760091	35.62	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	100338	30.85	nq	91
65) n-Nitrosodiphenylamine	10.46	169	506933	29.28	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	166260	29.13	nq	# 89
67) Hexachlorobenzene	10.90	284	199915	30.26	nq	# 87
68) Atrazine	10.99	200	155982	30.00	nq	94
69) Pentachlorophenol	11.09	266	202179	58.04	nq	98
70) Phenanthrene	11.31	178	911407	31.35	nq	100
71) Anthracene	11.36	178	960100	30.95	nq	99
72) Carbazole	11.52	167	882919	32.11	nq	99
73) Di-n-butylphthalate	11.86	149	981036	31.49	nq	98
74) Fluoranthene	12.49	202	936099	31.90	nq	98
76) Benzidine	12.62	184	195253	13.09	nq	95
77) Pyrene	12.72	202	932023	29.80	nq	99
79) Butylbenzylphthalate	13.35	149	416799	30.77	nq	# 78
80) Benzo(a)anthracene	13.91	228	752949	32.53	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	153684	9.93	nq	# 95
82) Chrysene	13.94	228	742369	29.51	nq	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	482040	28.67	nq	# 97
84) Di-n-octyl phthalate	14.51	149	764044	29.01	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.65	276	605884	32.50	nq	97
87) Benzo(b)fluoranthene	14.95	252	1357068	67.09	nq	# 97
88) Benzo(k)fluoranthene	14.95	252	1358944	64.41	nq	100
89) Benzo(a)pyrene	15.25	252	610078	31.95	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	512606	32.80	nq	97
91) Benzo(g,h,i)perylene	17.05	276	510862	32.62	nq	# 91

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

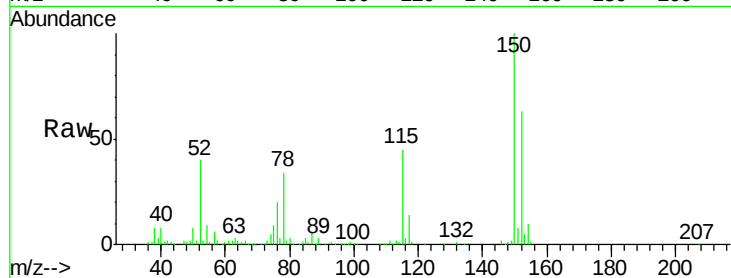


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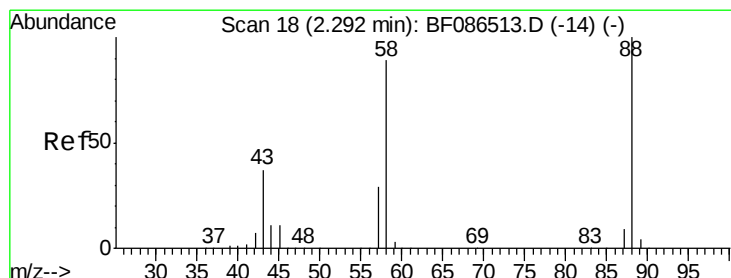
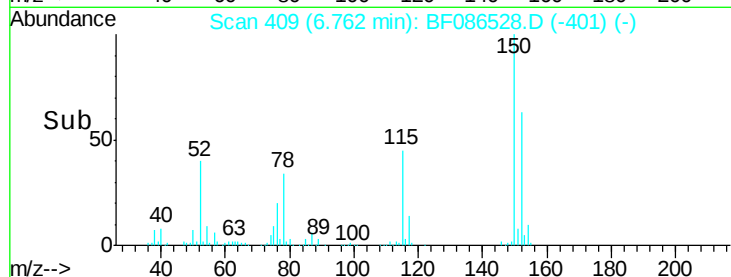
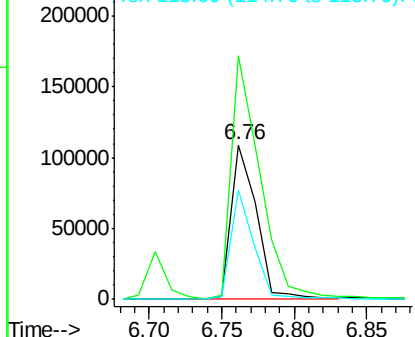
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 132633
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 70.4 51.5 77.3



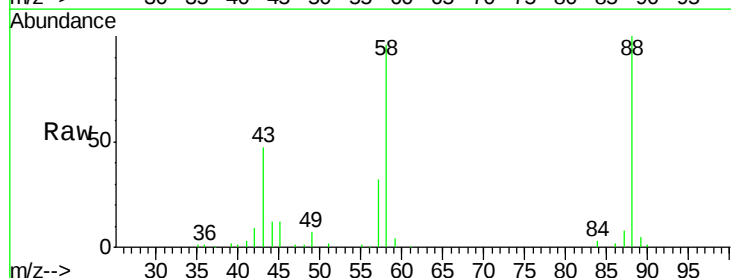
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



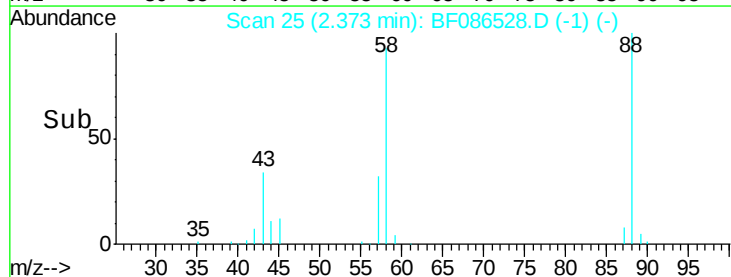
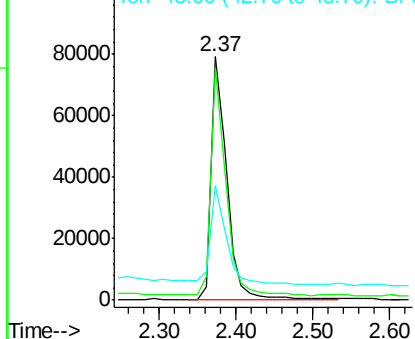
#2

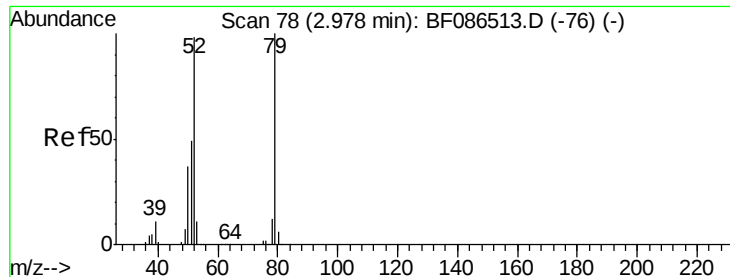
1,4-Dioxane
Concen: 27.94 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion: 88 Resp: 112845
Ion Ratio Lower Upper
88 100
58 87.7 59.6 89.4
43 40.5 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: 33.06 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

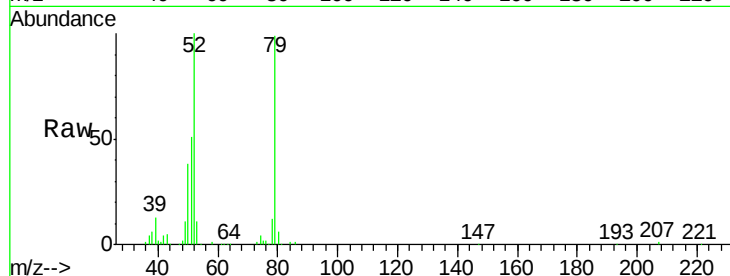
Tot Ion: 79 Resp: 316007

Ion Ratio Lower Upper

79 100

52 101.4 55.9 83.9#

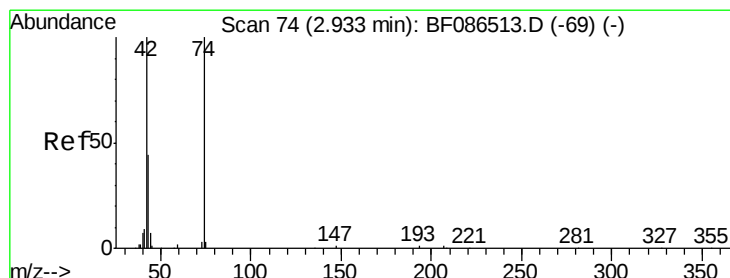
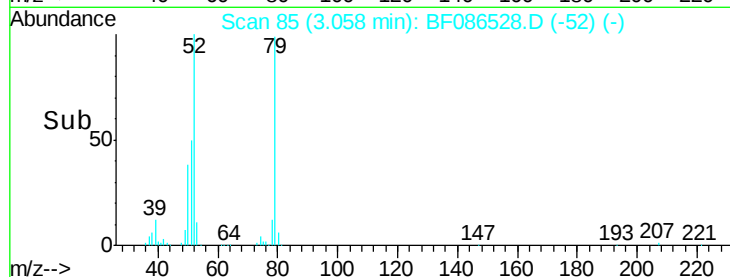
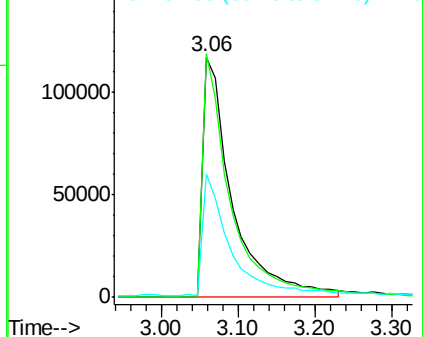
51 51.4 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.07 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

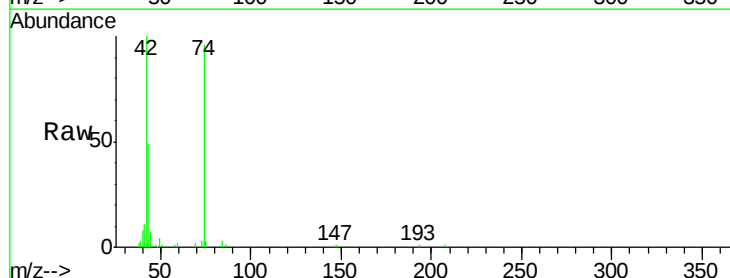
Tgt Ion: 42 Resp: 174731

Ion Ratio Lower Upper

42 100

74 96.4 123.4 185.0#

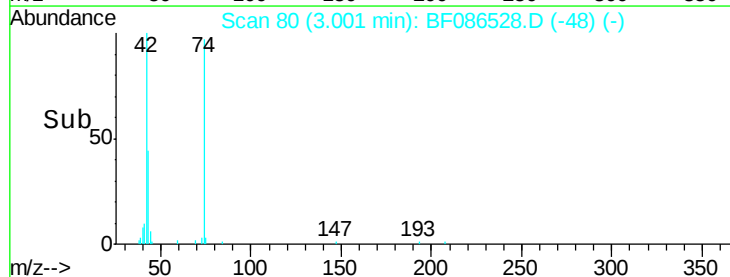
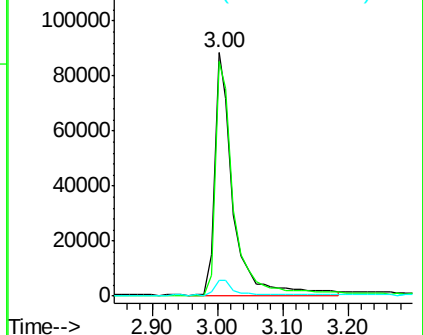
44 6.7 5.8 8.6

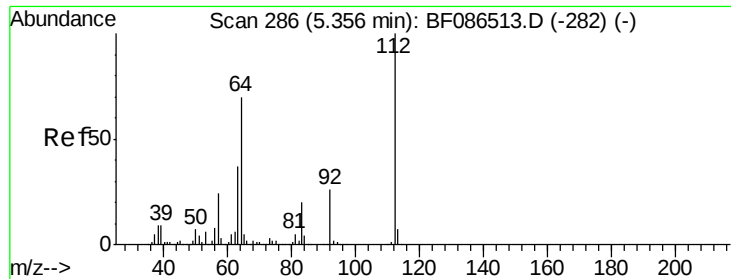


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.82 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

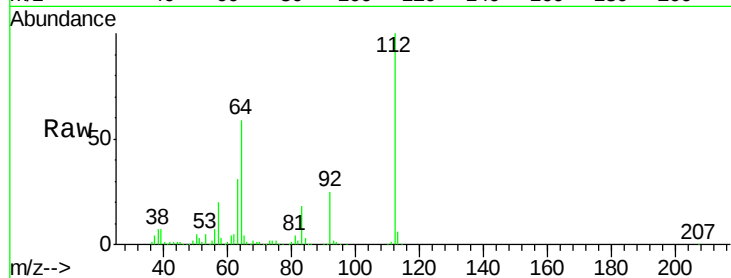
Tot Ion:112 Resp: 567626

Ion Ratio Lower Upper

112 100

64 59.2 52.1 78.1

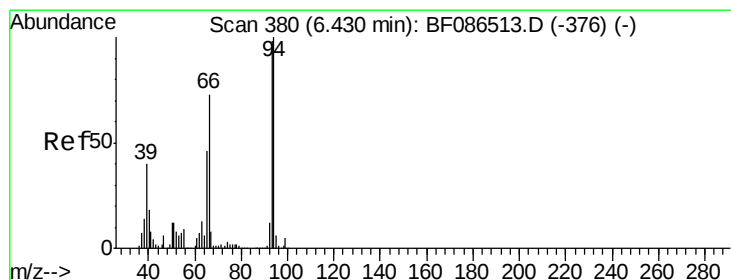
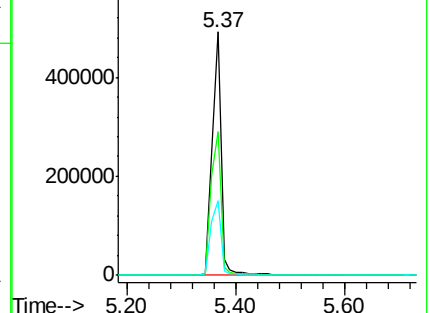
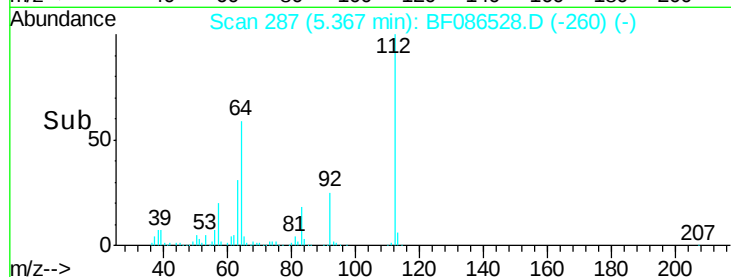
63 30.8 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 12.34 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

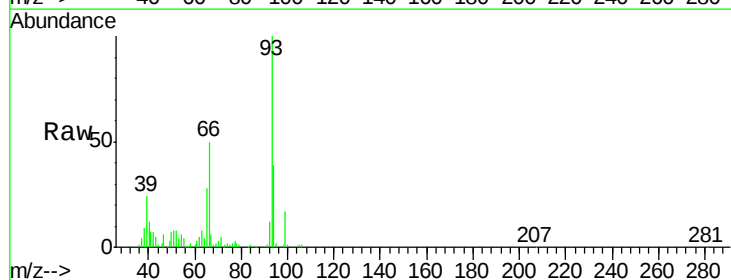
Tgt Ion: 93 Resp: 160300

Ion Ratio Lower Upper

93 100

66 49.8 39.0 58.6

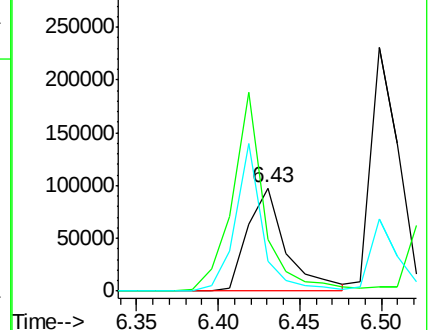
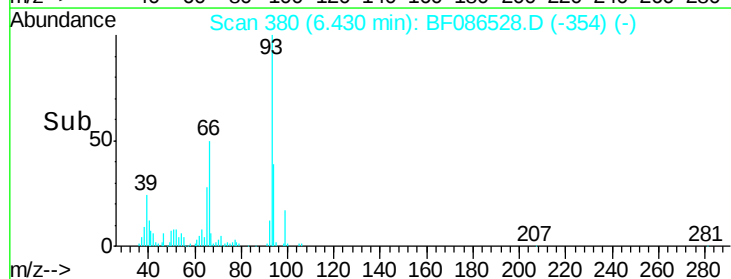
65 28.3 20.6 31.0

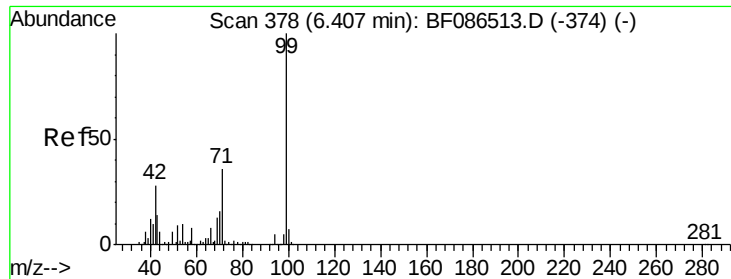


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.13 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

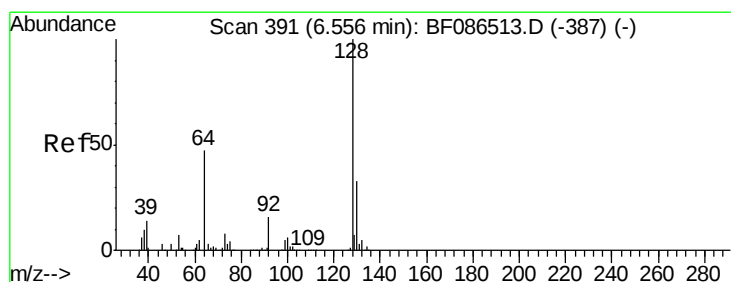
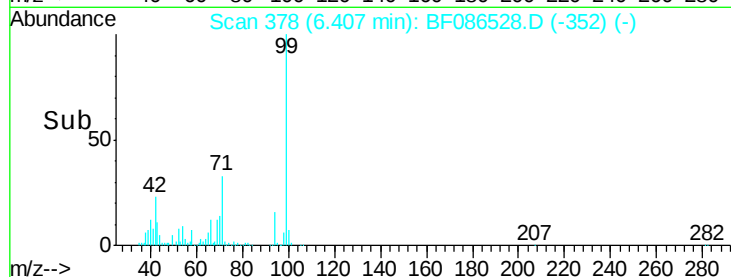
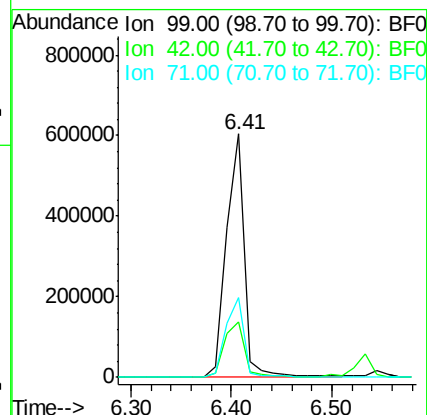
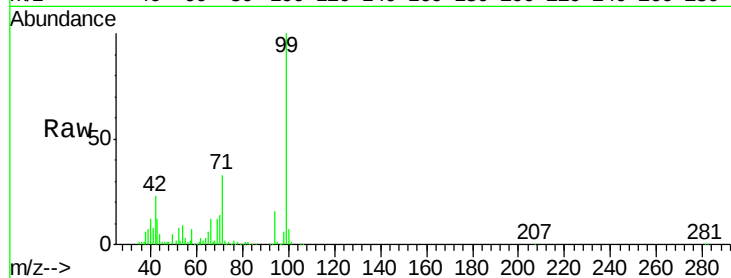
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 752686

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.6	20.4#
71	32.6	24.6	36.8



#8

2-Chlorophenol

Concen: 30.85 ng

RT: 6.54 min Scan# 390

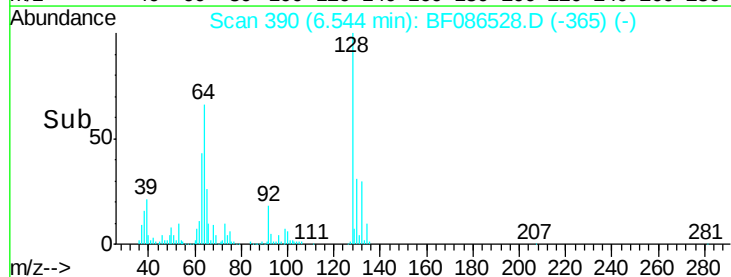
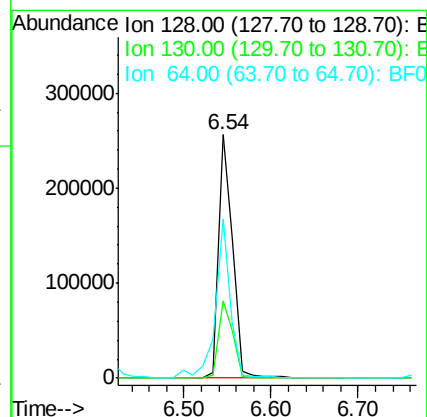
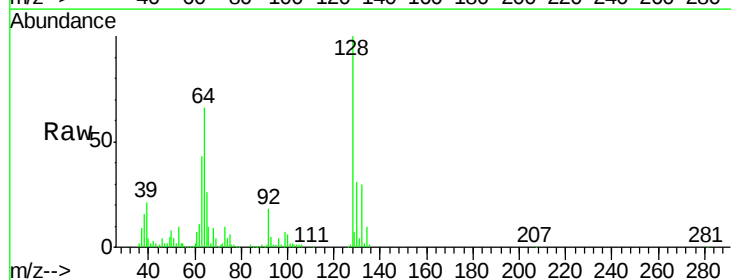
Delta R.T. -0.01 min

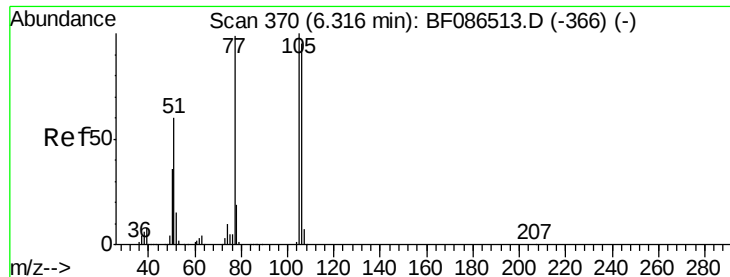
Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion: 128 Resp: 295424

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.5	52.5
64	65.6	27.3	67.3





#9

Benzaldehyde

Concen: 6.45 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

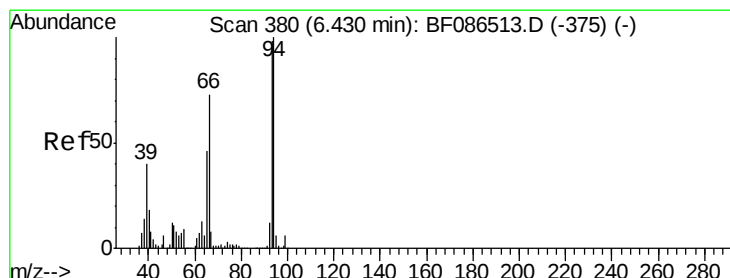
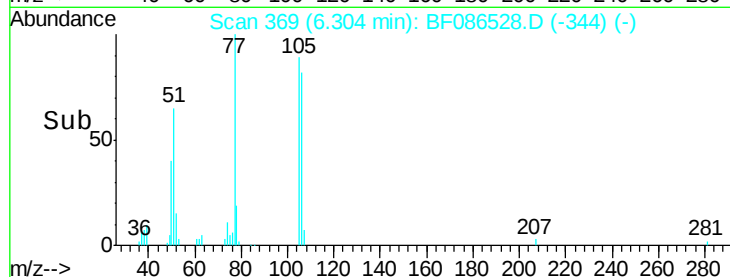
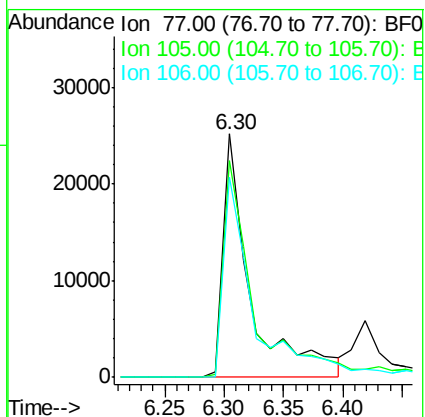
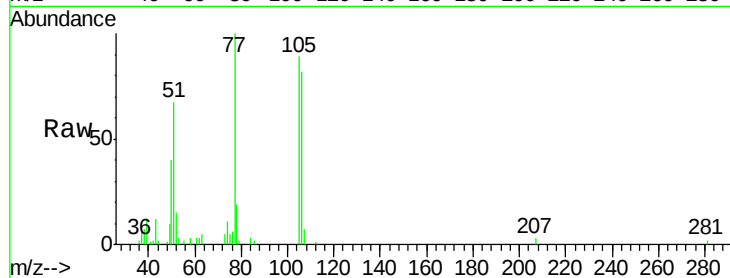
Tot Ion: 77 Resp: 40282

Ion Ratio Lower Upper

77 100

105 88.9 72.7 112.7

106 82.1 70.8 110.8



#10

Phenol

Concen: 34.82 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

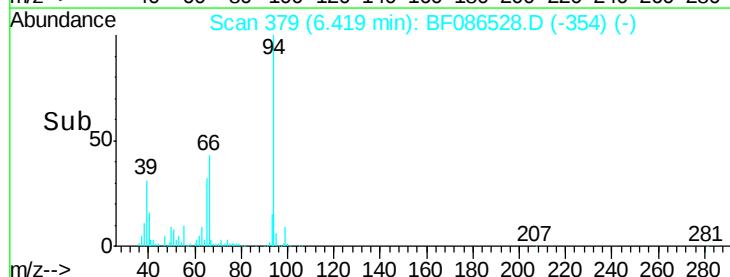
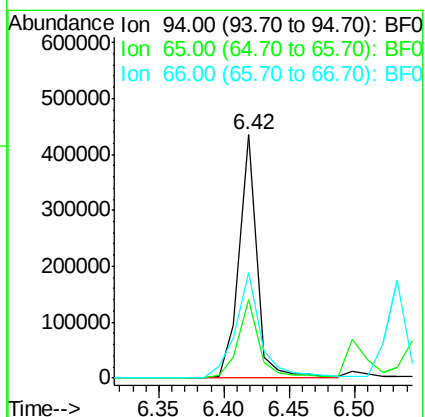
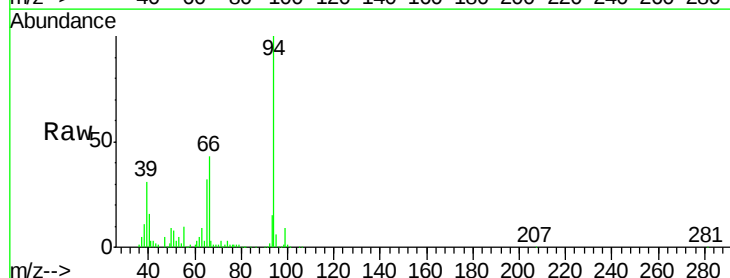
Tgt Ion: 94 Resp: 416894

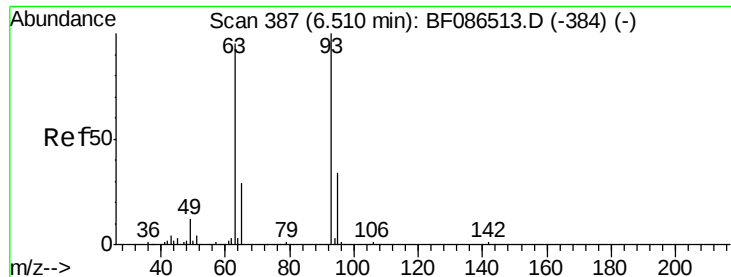
Ion Ratio Lower Upper

94 100

65 32.2 7.2 47.2

66 43.2 14.9 54.9

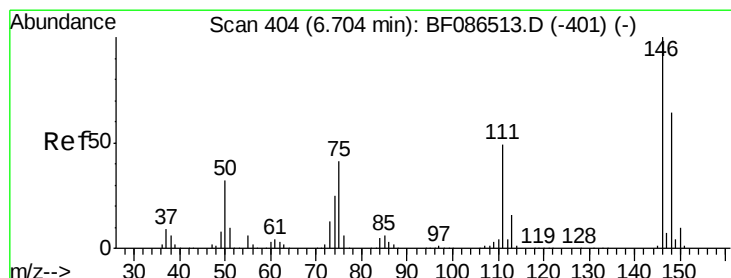
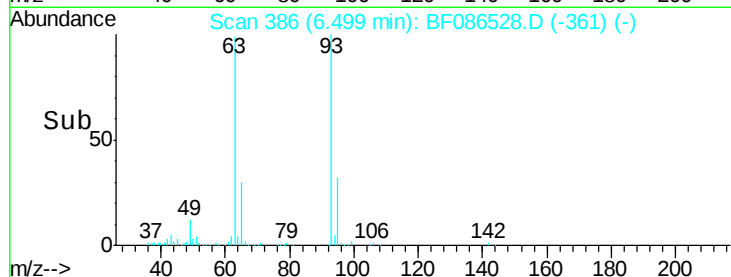
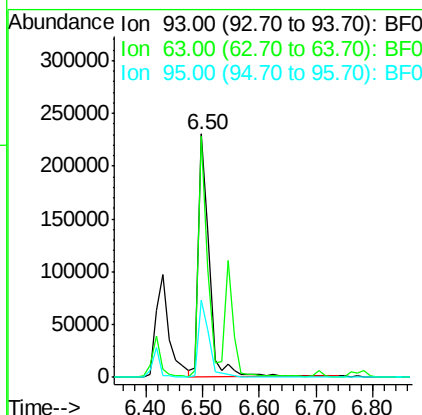
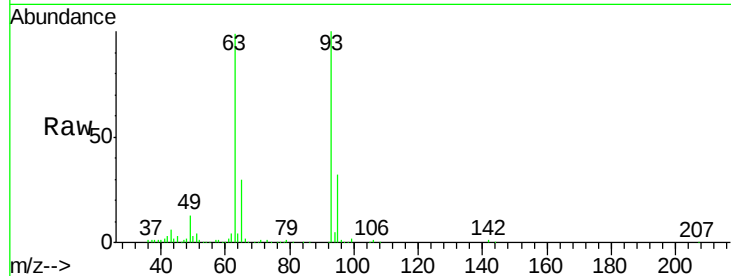




#11
 bis(2-Chloroethyl)ether
 Concen: 28.78 ng
 RT: 6.50 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

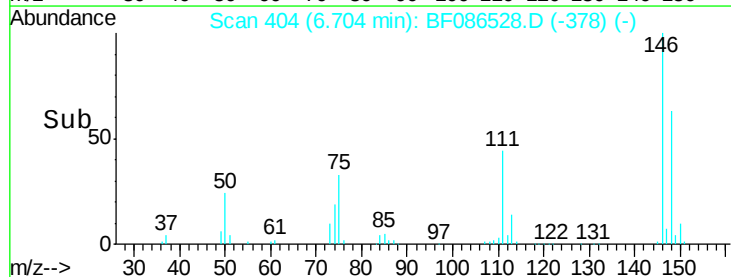
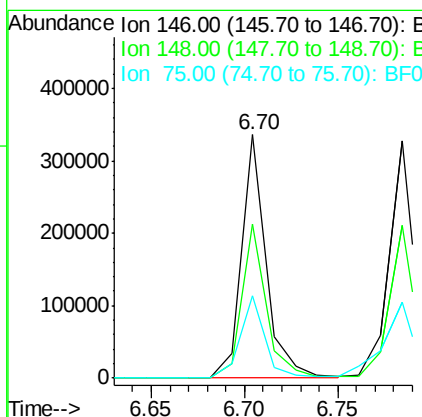
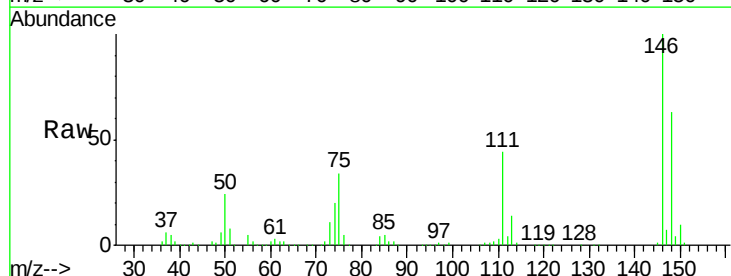
Instrument :
 BNA_F
 ClientSampleId :

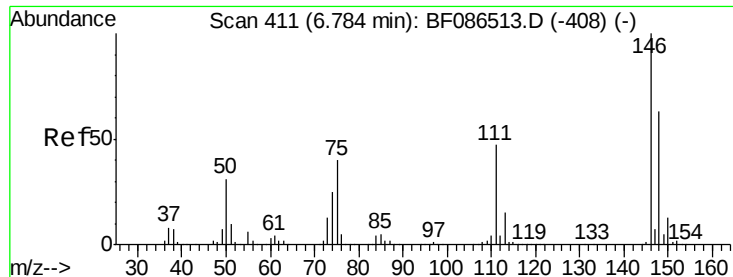
Tot Ion: 93 Resp: 297919
 Ion Ratio Lower Upper
 93 100
 63 98.8 58.0 98.0#
 95 31.6 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 30.16 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion: 146 Resp: 310730
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.4 78.6
 75 33.6 22.8 34.2

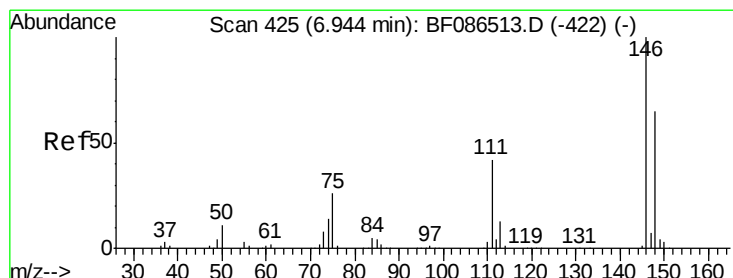
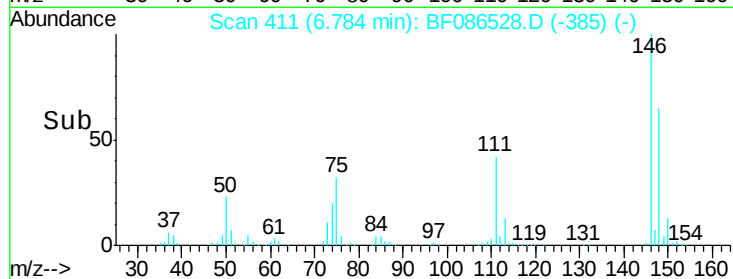
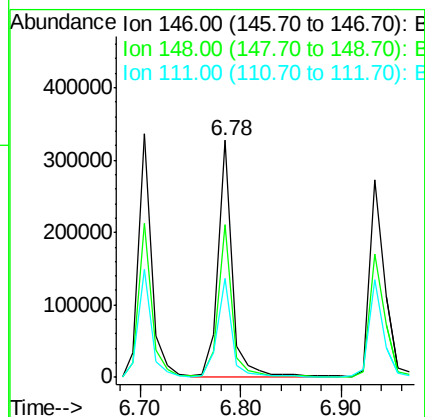
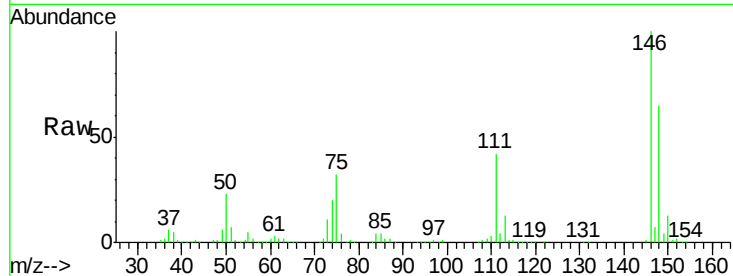




#13
 1,4-Dichlorobenzene
 Concen: 30.24 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

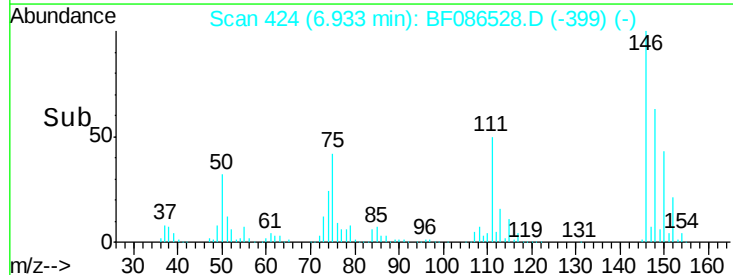
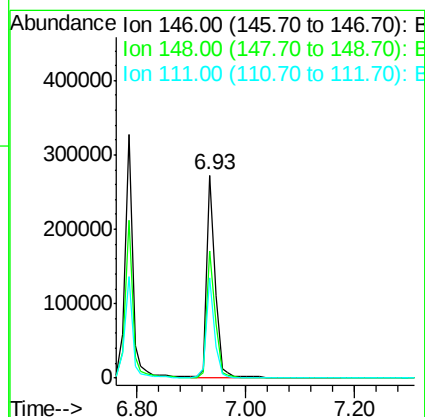
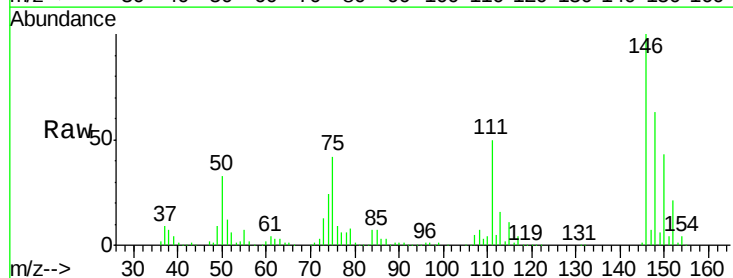
Instrument :
 BNA_F
 ClientSampled :

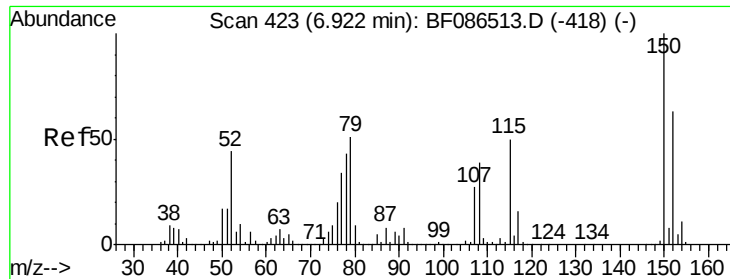
Tot Ion:146 Resp: 321432
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 41.8 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 30.17 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:146 Resp: 294111
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.0 76.6
 111 49.7 36.2 54.4

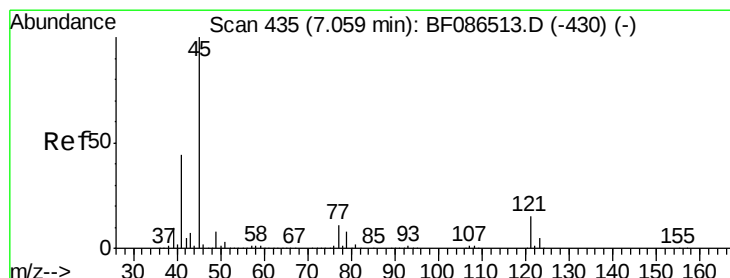
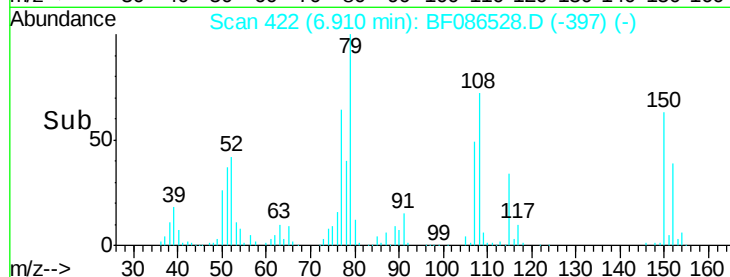
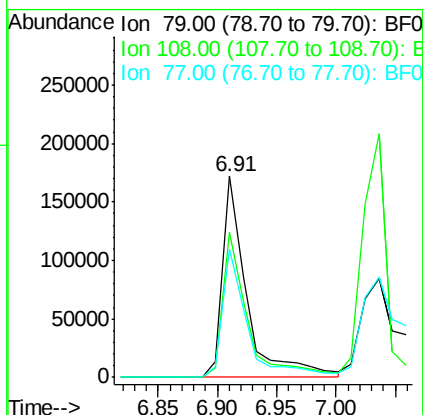
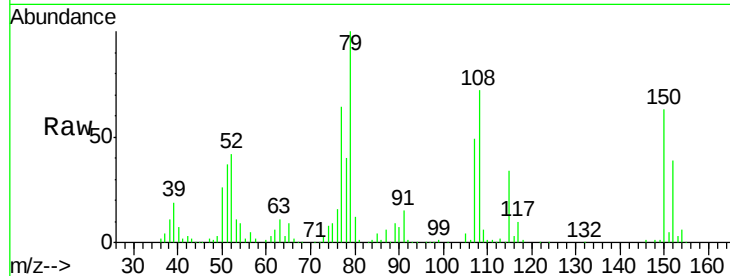




#15
Benzyl Alcohol
Concen: 35.65 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

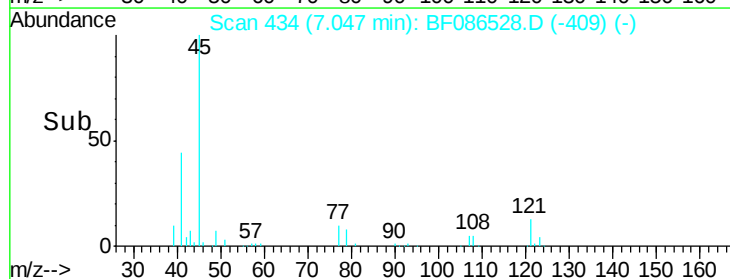
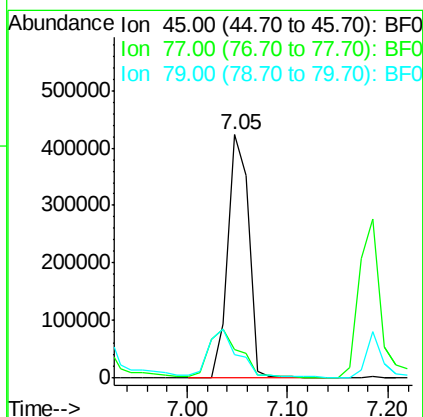
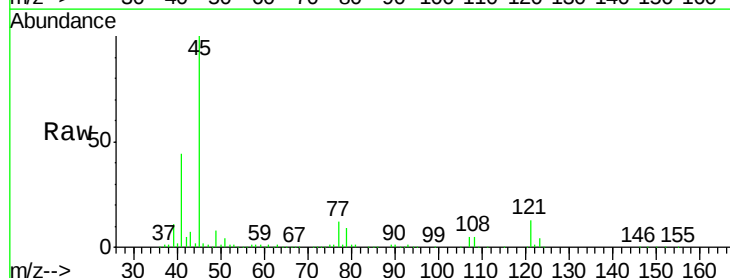
Instrument :
BNA_F
ClientSampleId :

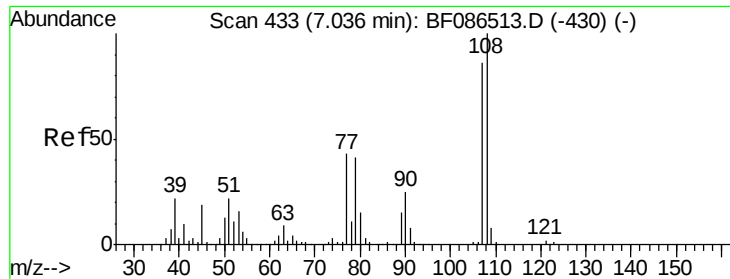
Tot Ion: 79 Resp: 242048
Ion Ratio Lower Upper
79 100
108 71.9 68.4 102.6
77 64.1 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.69 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion: 45 Resp: 615095
Ion Ratio Lower Upper
45 100
77 11.7 0.0 36.4
79 9.4 0.0 33.4





#17

2-Methylphenol

Concen: 31.87 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 246729

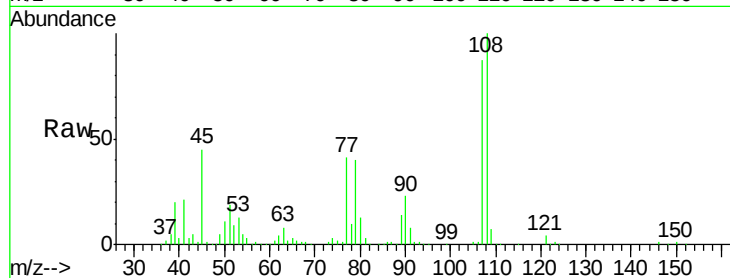
Ion Ratio Lower Upper

107 100

108 115.3 93.7 140.5

77 47.3 33.4 50.0

79 46.7 34.3 51.5

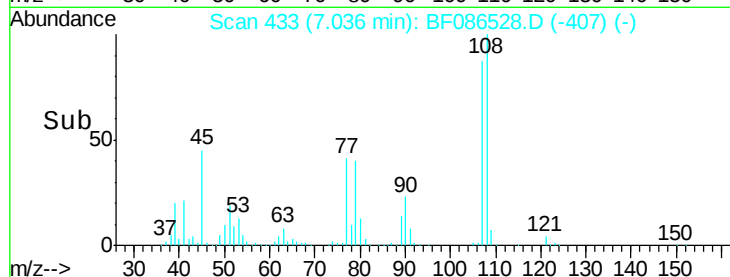


Abundance Ion 107.00 (106.70 to 107.70): E

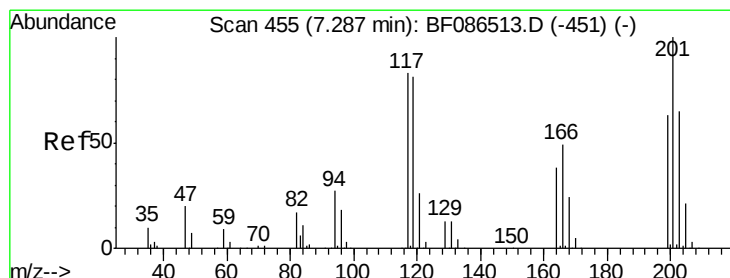
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 29.20 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

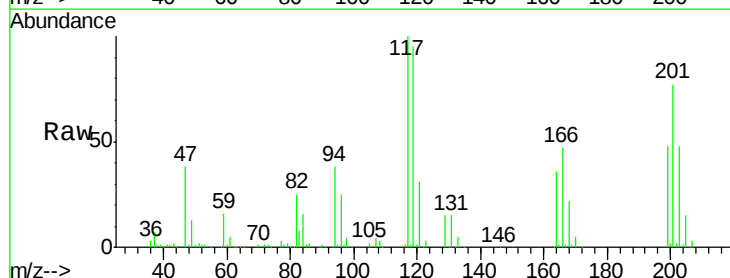
Tgt Ion:117 Resp: 115976

Ion Ratio Lower Upper

117 100

119 95.3 76.5 114.7

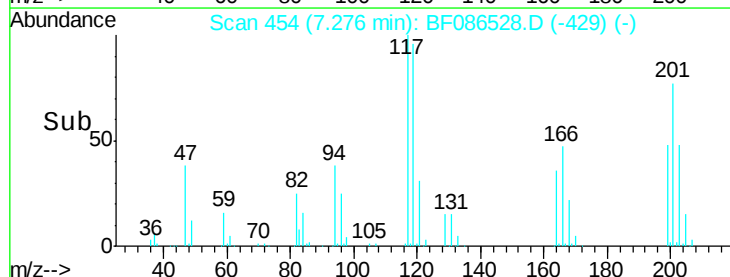
201 76.7 63.0 94.6



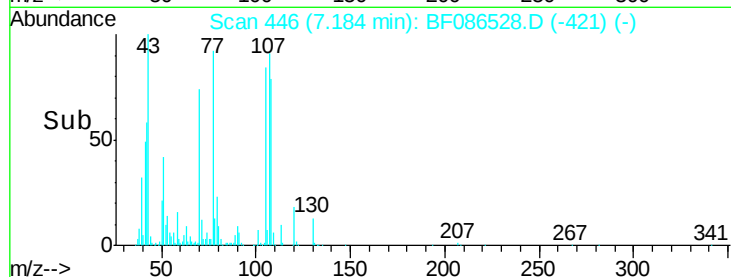
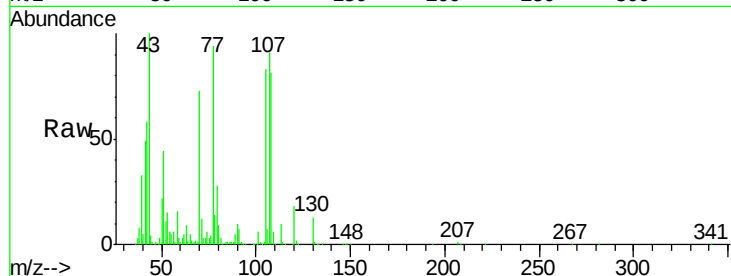
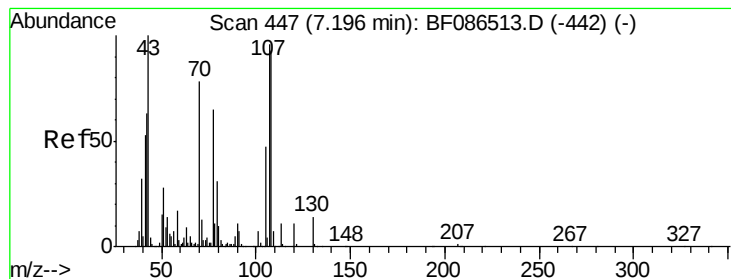
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 32.07 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 227527

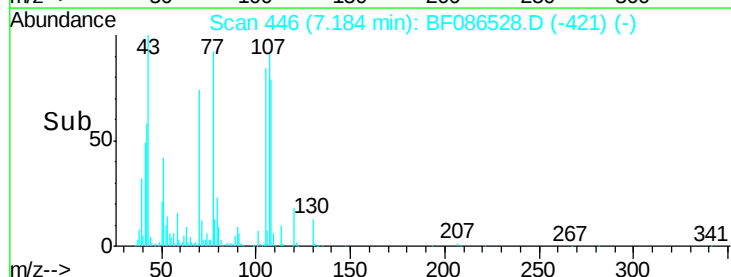
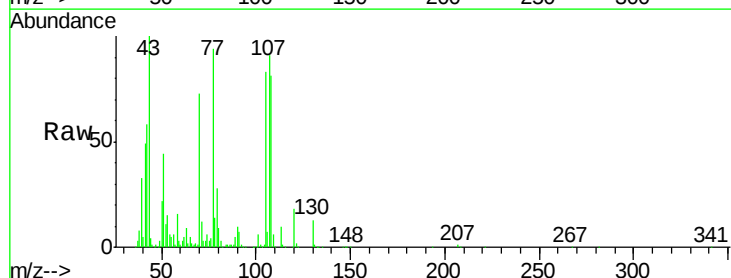
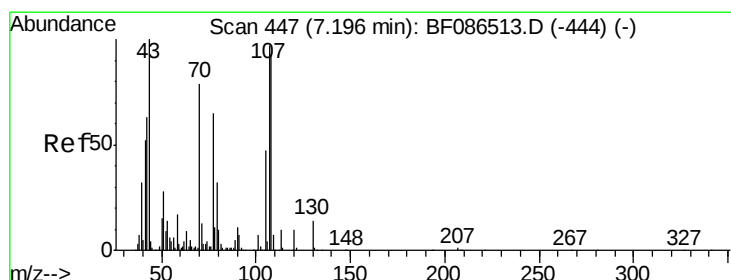
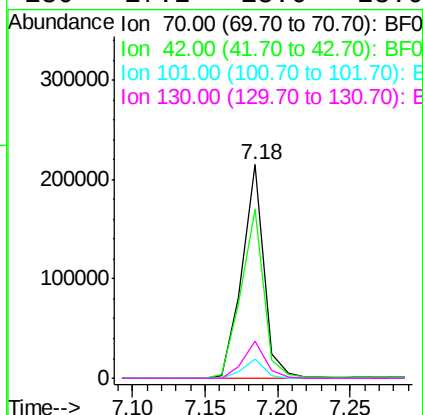
Ion Ratio Lower Upper

70 100

42 79.2 43.1 64.7#

101 8.9 8.1 12.1

130 17.2 18.6 28.0#



#20

3+4-Methylphenols

Concen: 34.69 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion: 107 Resp: 306625

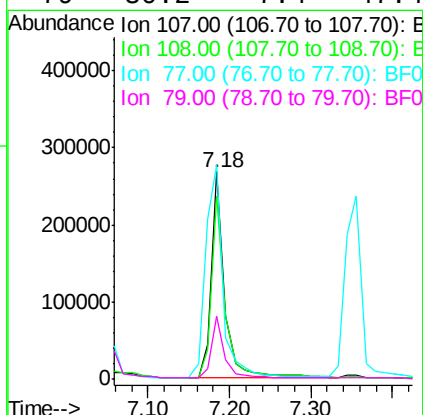
Ion Ratio Lower Upper

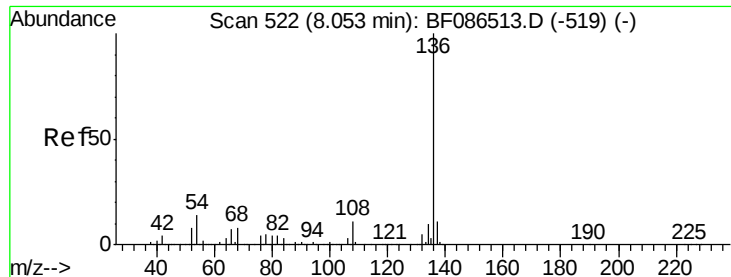
107 100

108 88.0 68.5 108.5

77 103.0 101.6 141.6

79 30.2 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: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574500

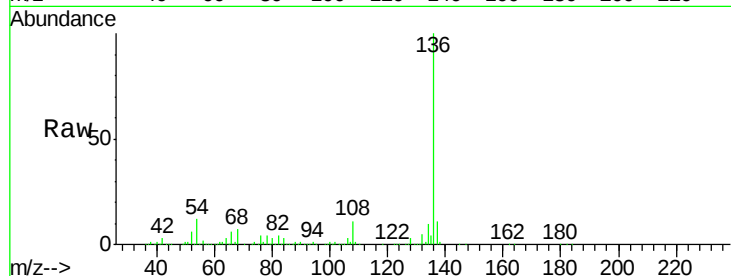
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.5 5.0 7.4#

68 7.1 4.4 6.6#

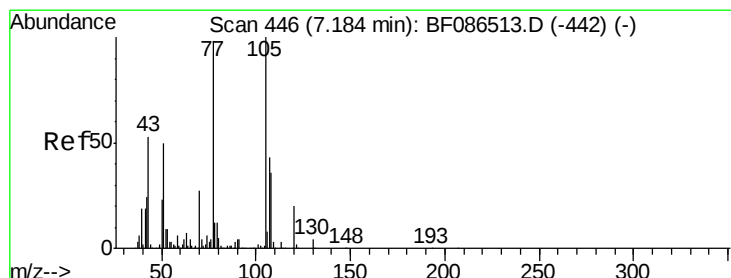
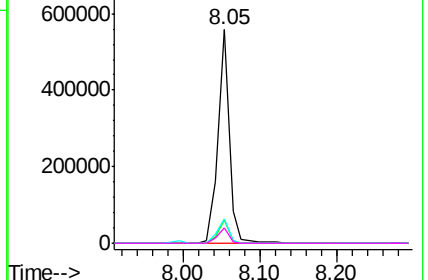
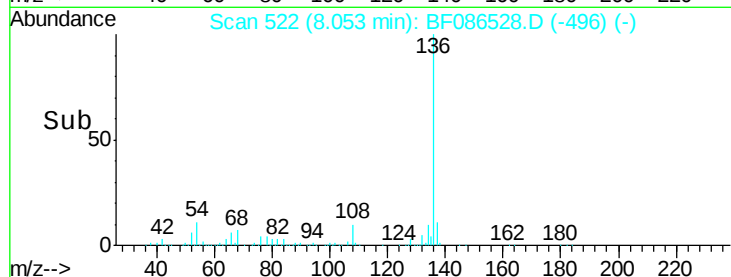


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.66 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:105 Resp: 398828

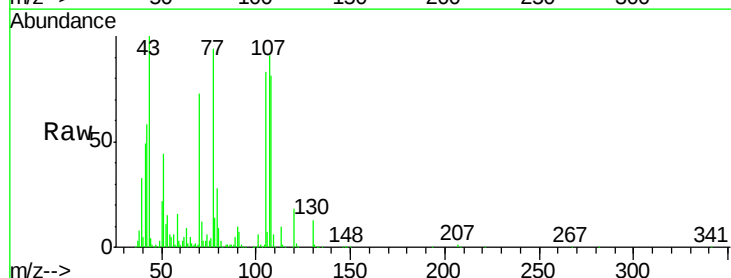
Ion Ratio Lower Upper

105 100

71 14.4 4.8 7.2#

51 52.8 32.6 49.0#

120 21.8 16.5 24.7

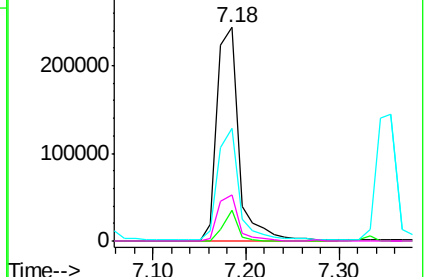
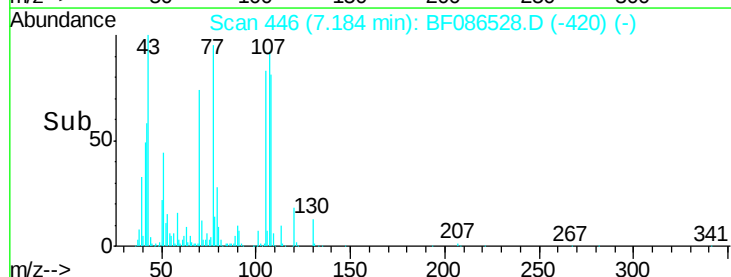


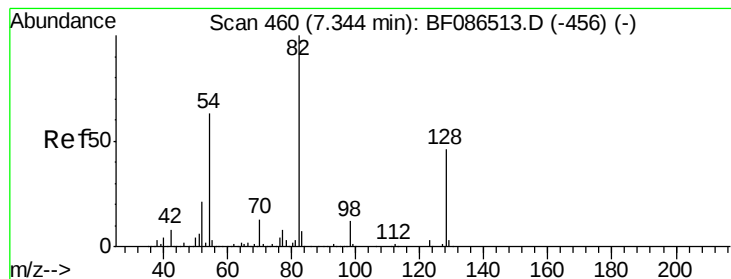
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 63.20 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

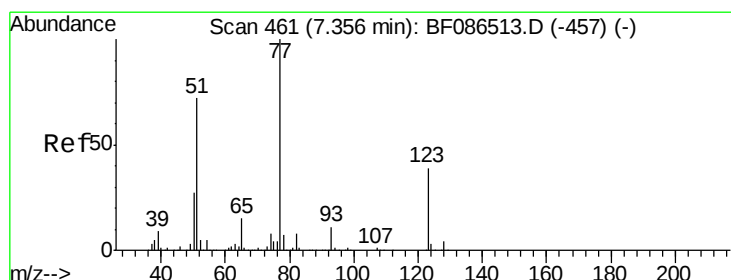
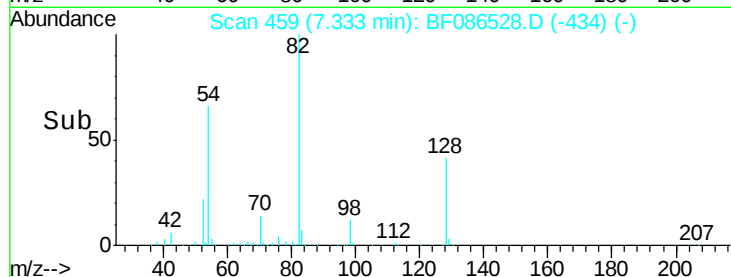
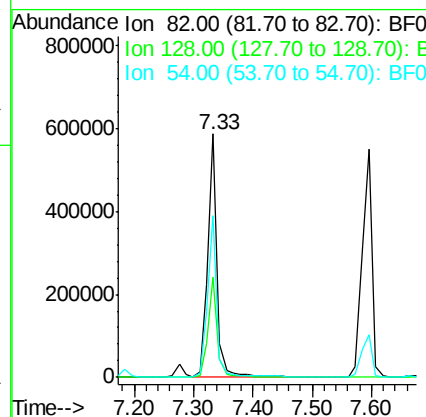
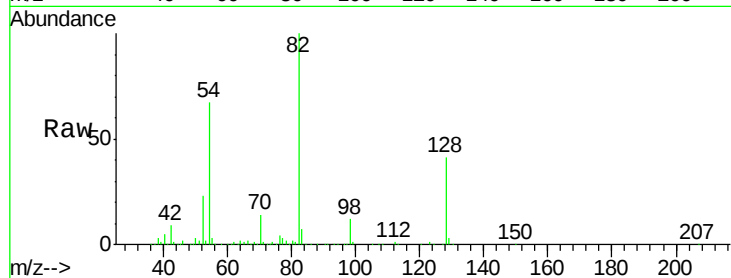
Tot Ion: 82 Resp: 673560

Ion Ratio Lower Upper

82 100

128 41.1 40.6 61.0

54 66.5 38.1 57.1#



#24

Nitrobenzene

Concen: 29.82 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

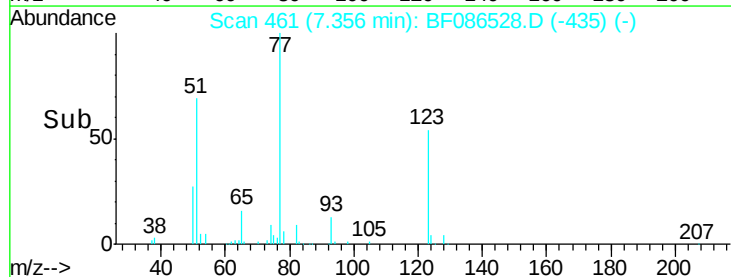
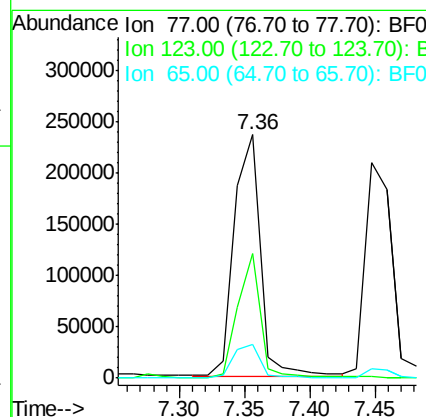
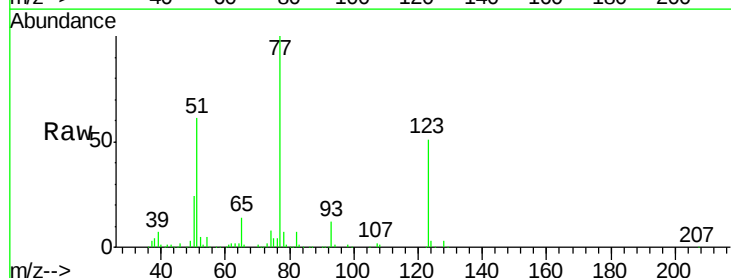
Tgt Ion: 77 Resp: 326928

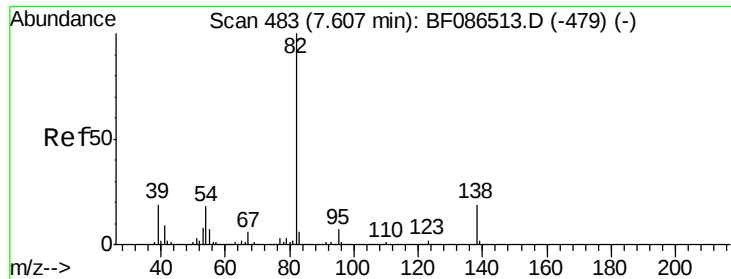
Ion Ratio Lower Upper

77 100

123 51.4 33.0 49.4#

65 13.7 10.8 16.2





#25

Isophorone

Concen: 30.70 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

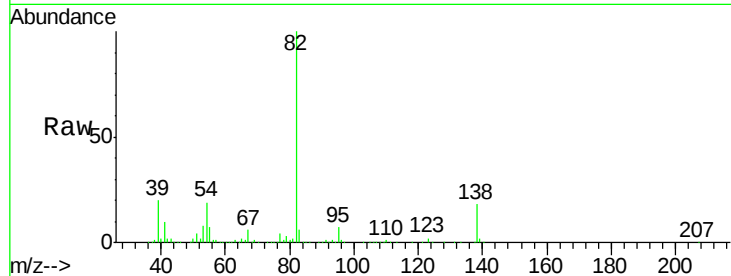
Tot Ion: 82 Resp: 629844

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

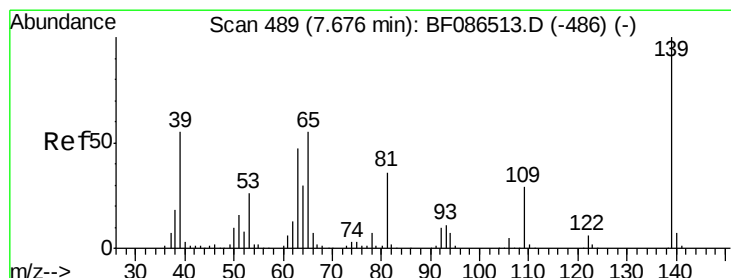
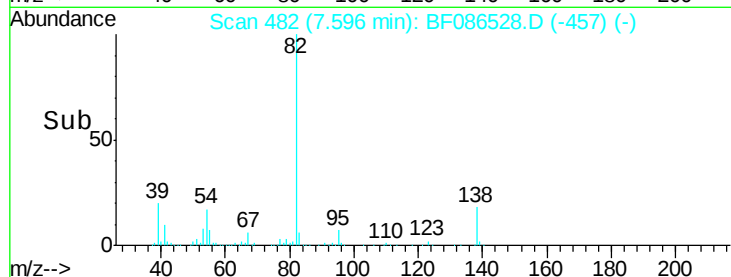
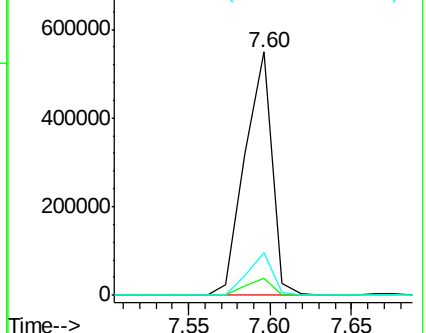
138 17.8 12.4 18.6



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: 30.59 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

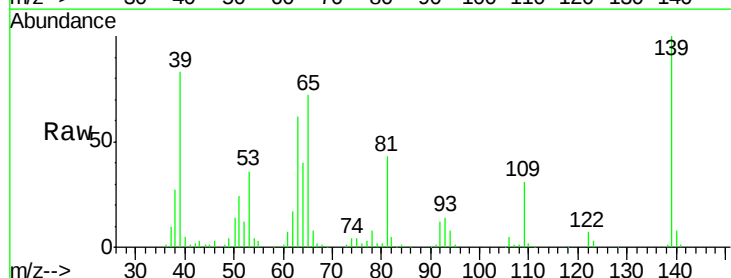
Tgt Ion: 139 Resp: 154448

Ion Ratio Lower Upper

139 100

109 31.4 19.5 29.3#

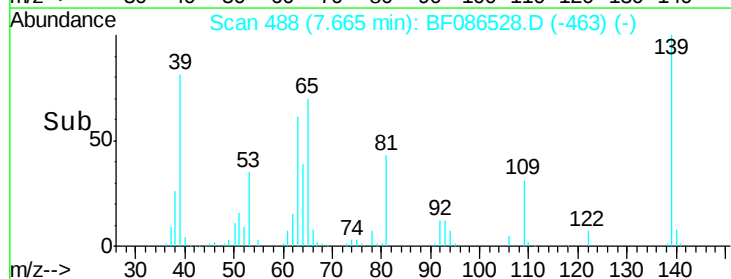
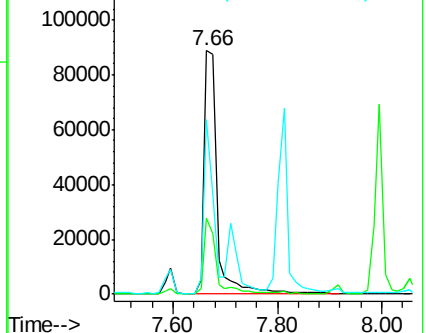
65 71.9 37.5 56.3#

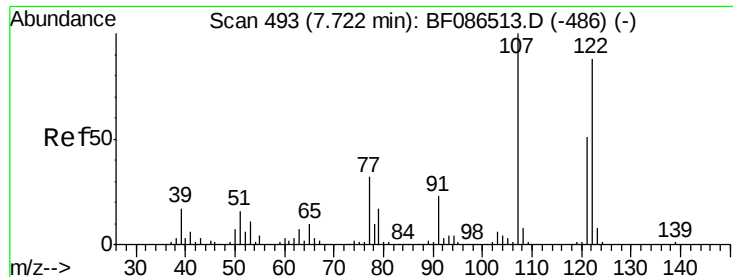


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

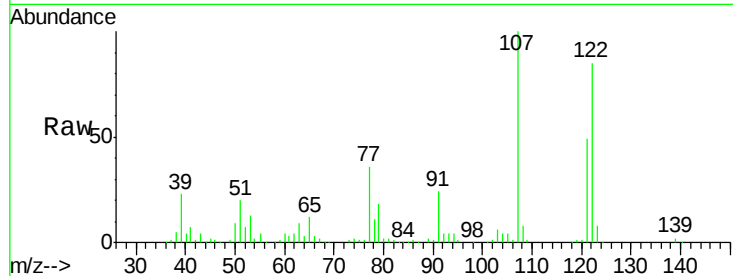




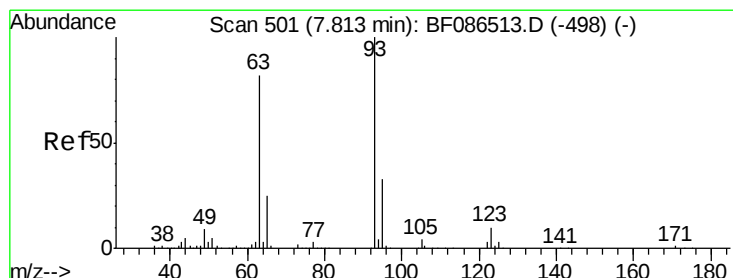
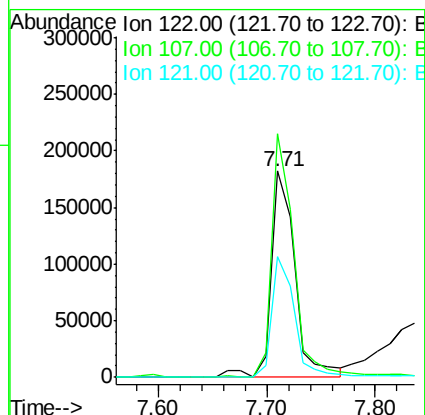
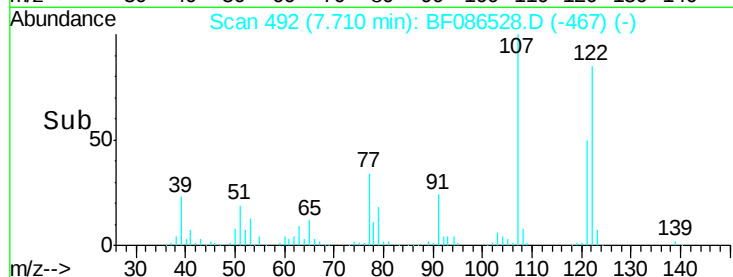
#27
 2,4-Dimethylphenol
 Concen: 31.41 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 278245
 Ion Ratio Lower Upper
 122 100
 107 118.3 82.0 123.0
 121 58.5 46.1 69.1

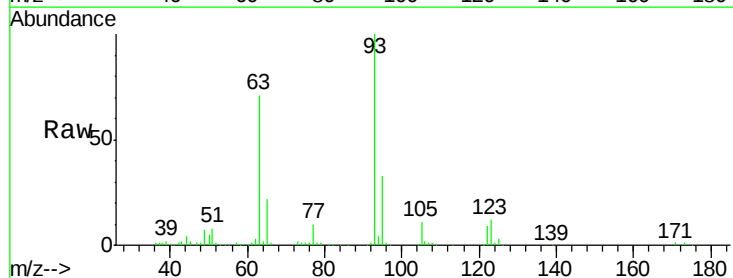


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

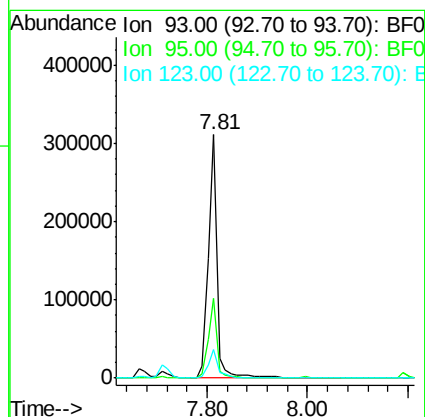
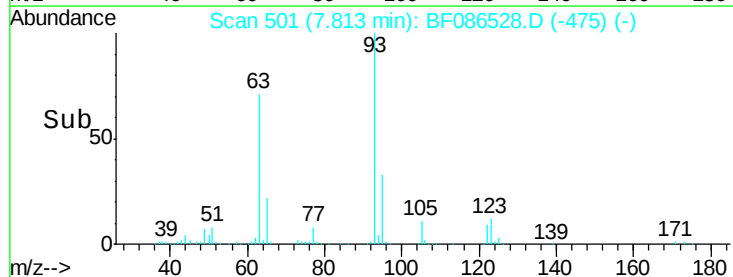


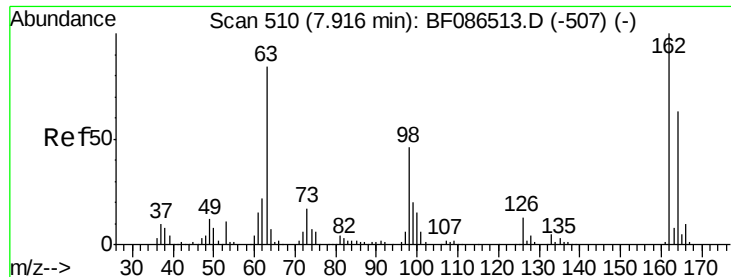
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.53 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion: 93 Resp: 374662
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.0 39.0
 123 11.6 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

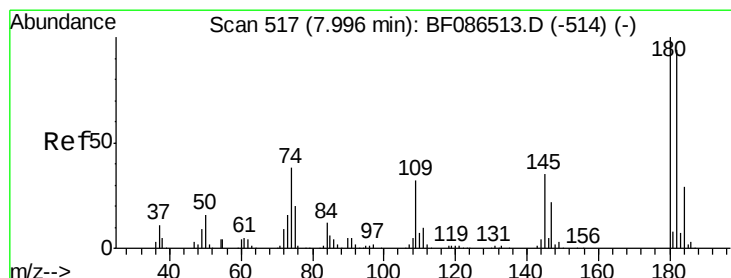
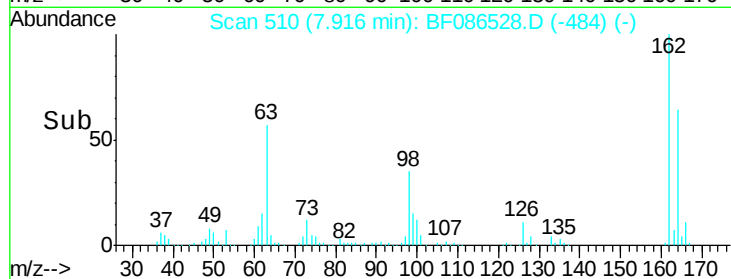
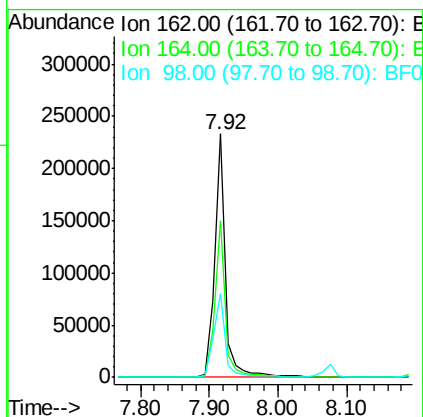
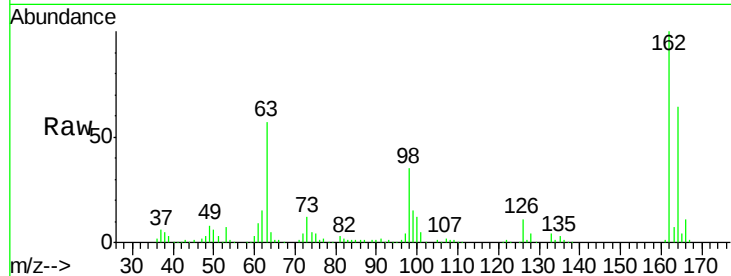




#29
2,4-Dichlorophenol
Concen: 34.64 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

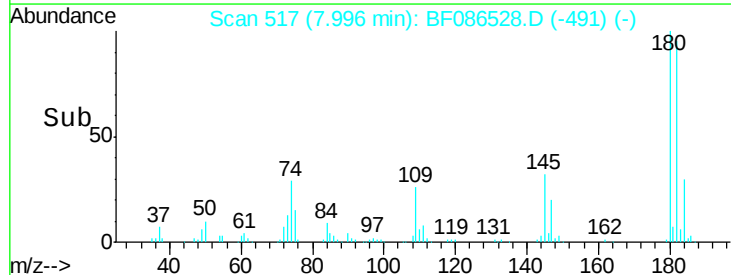
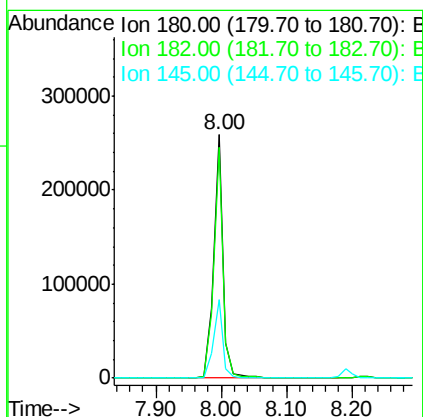
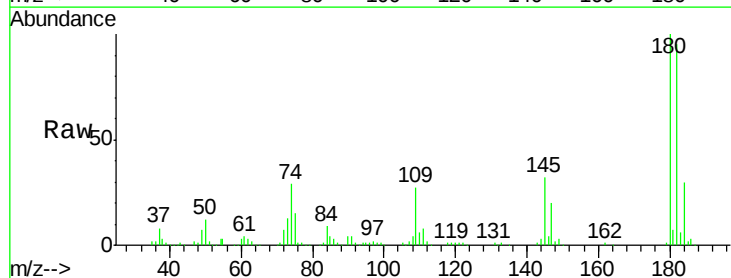
Instrument :
BNA_F
ClientSampleId :

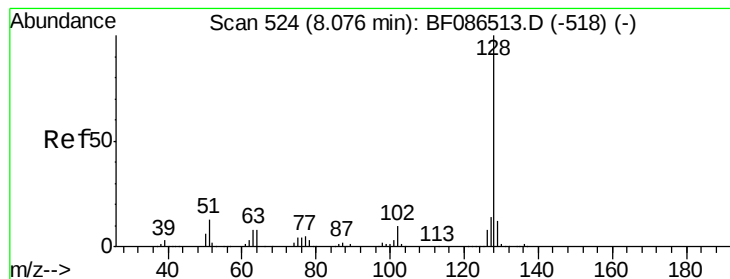
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.2	82.2
98	34.5	19.0	59.0



#30
1,2,4-Trichlorobenzene
Concen: 30.73 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.0	117.0
145	32.2	24.2	36.2





#31

Naphthalene

Concen: 31.54 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampled :

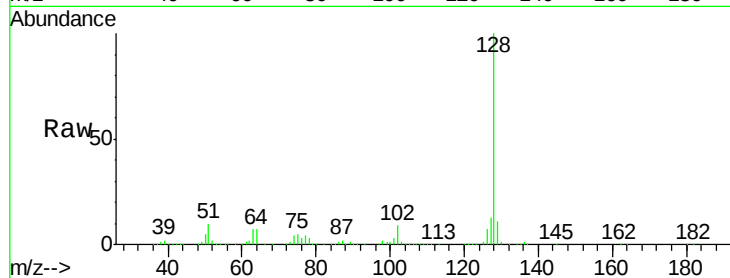
Tot Ion:128 Resp: 922053

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

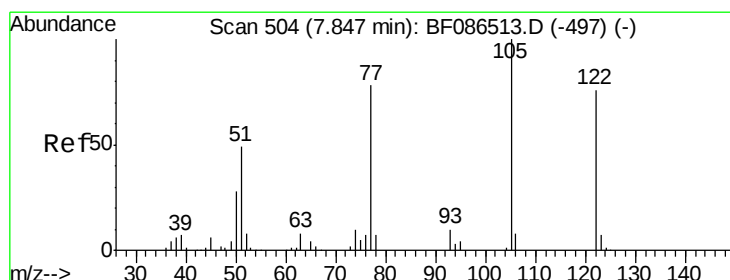
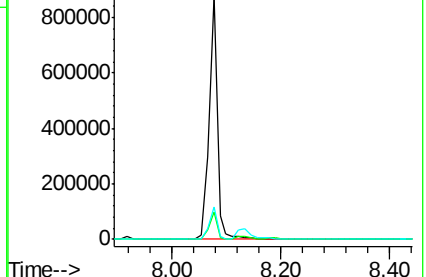
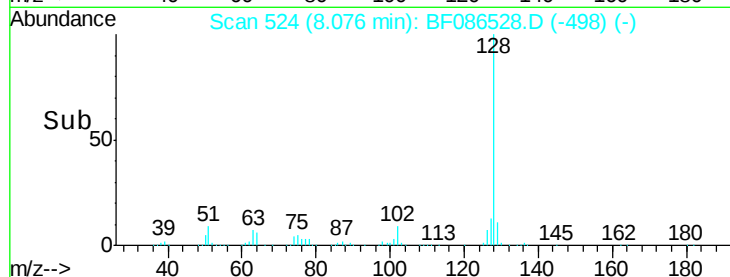
127 13.3 10.8 16.2



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: 29.58 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

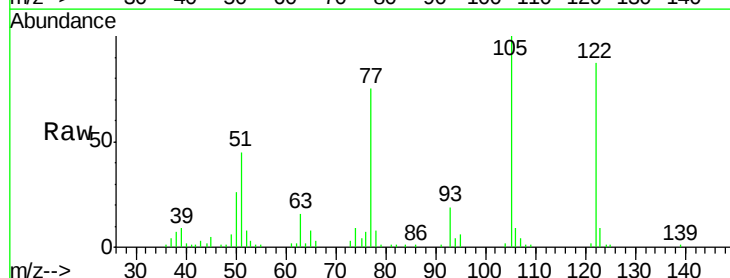
Tgt Ion:122 Resp: 136516

Ion Ratio Lower Upper

122 100

105 115.3 92.6 132.6

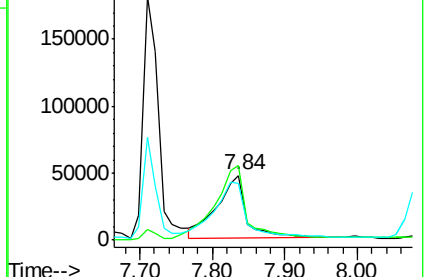
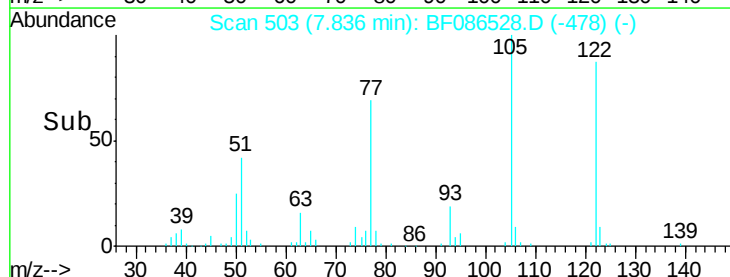
77 86.6 60.0 100.0

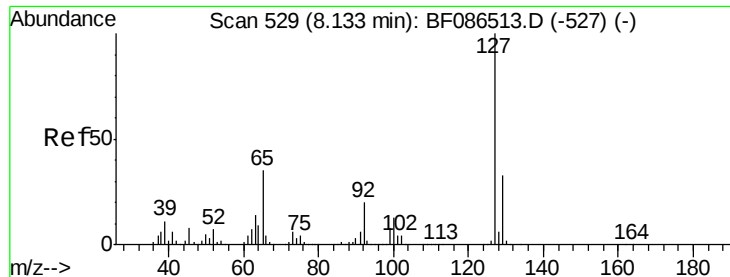


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

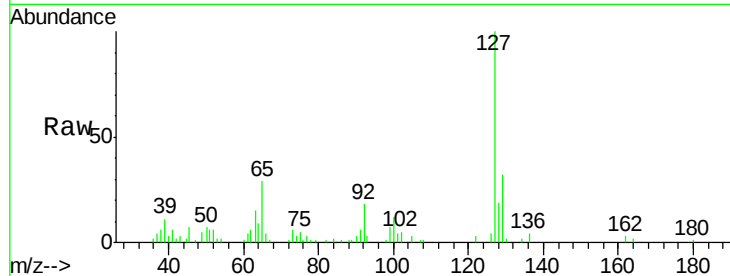




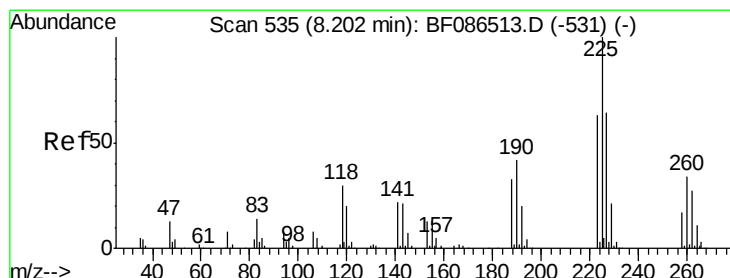
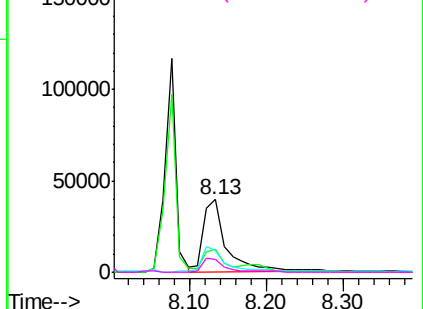
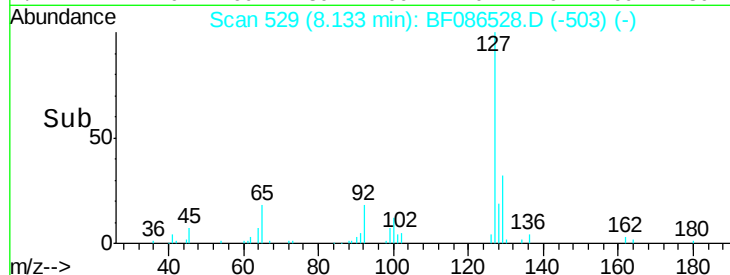
#33
4-Chloroaniline
Concen: 7.41 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	81136
Ion Ratio	Lower	Upper
127	100	
129	32.4	26.2 39.4
65	29.3	23.0 34.4
92	18.2	15.1 22.7

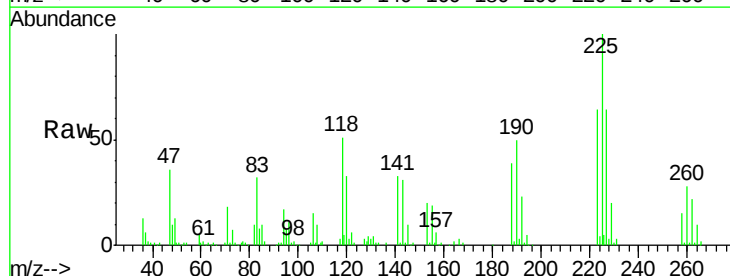


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

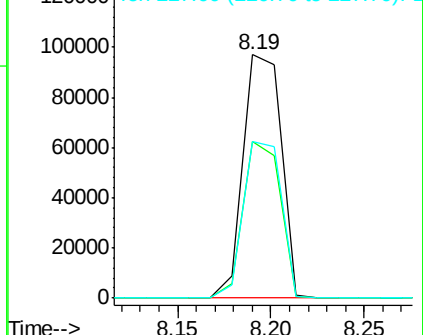
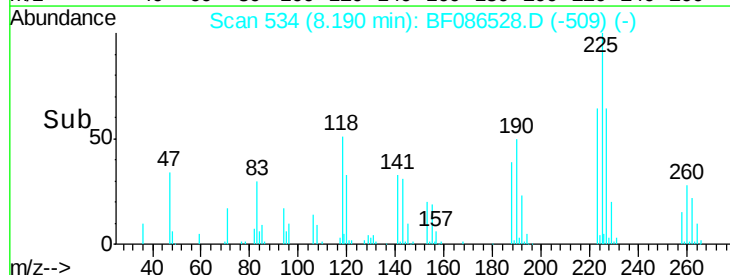


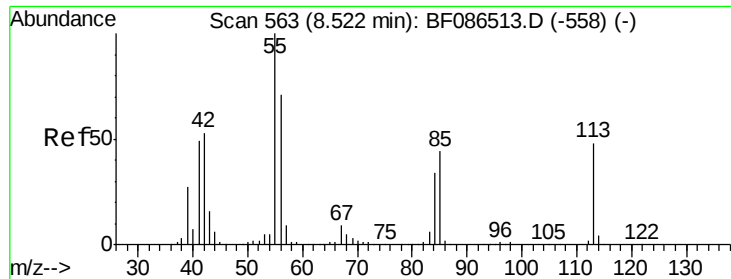
#34
Hexachlorobutadiene
Concen: 28.22 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion:225	Resp:	137134
Ion Ratio	Lower	Upper
225	100	
223	64.5	51.5 77.3
227	64.3	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: 23.37 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.03 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

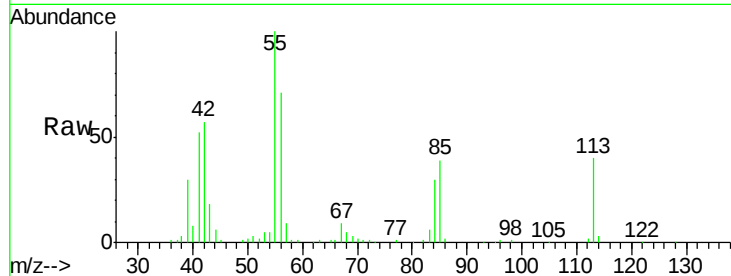
Tot Ion:113 Resp: 58276

Ion Ratio Lower Upper

113 100

55 248.5 162.0 202.0#

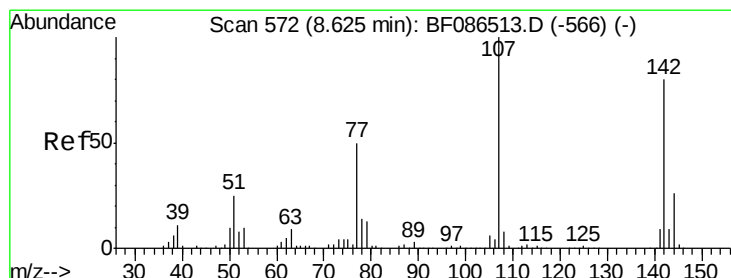
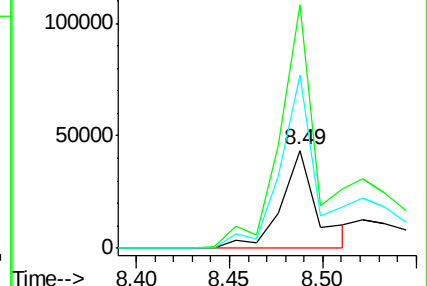
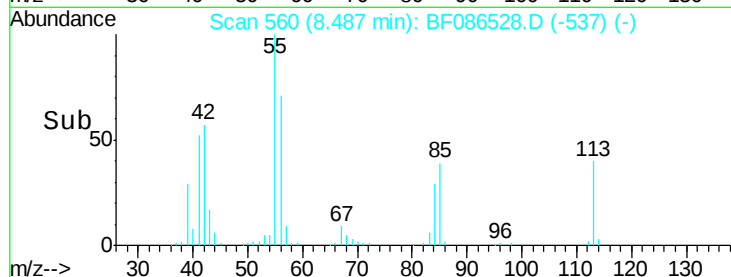
56 176.4 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 32.29 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

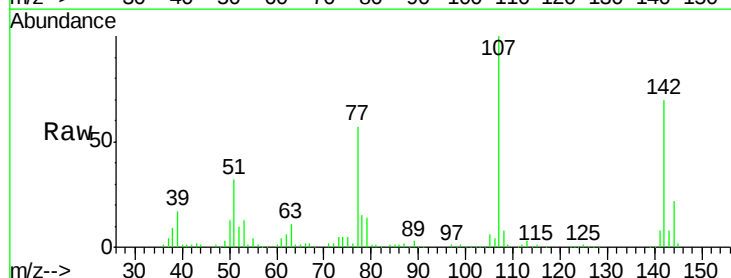
Tgt Ion:107 Resp: 276326

Ion Ratio Lower Upper

107 100

144 22.2 20.7 31.1

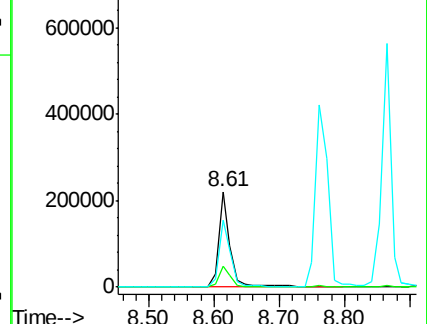
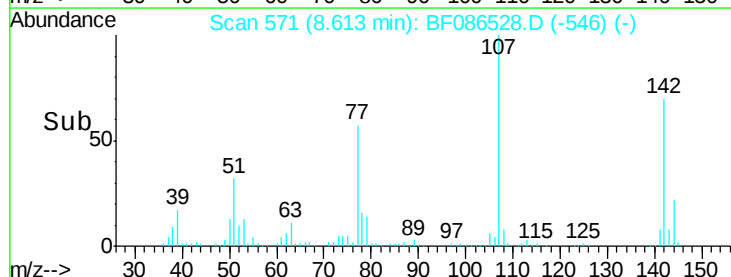
142 70.2 63.2 94.8

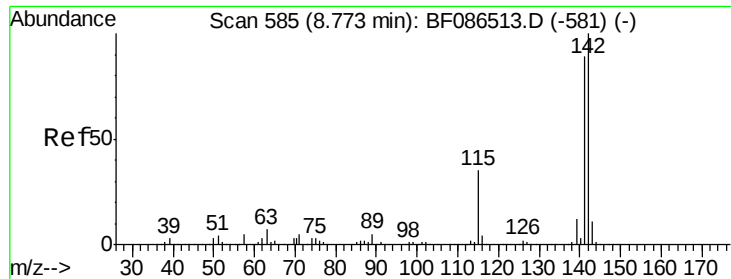


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

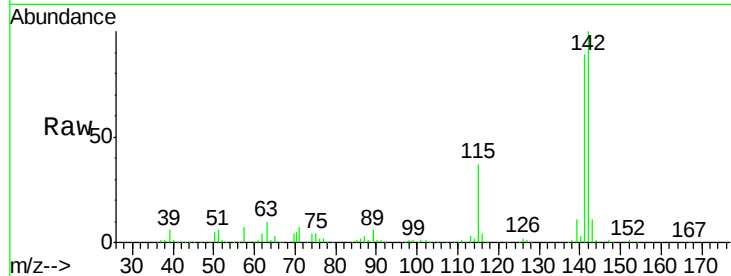




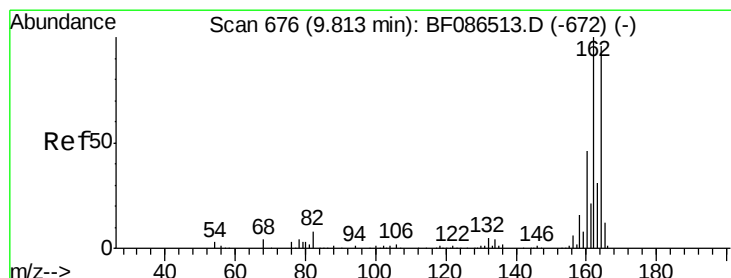
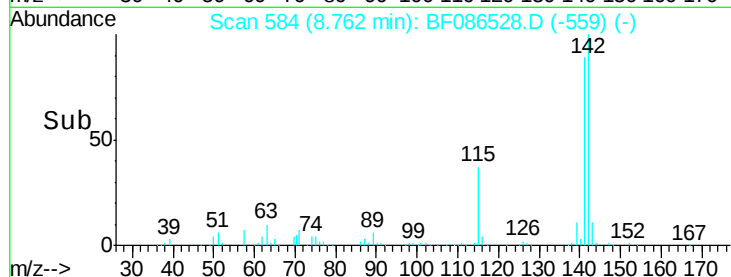
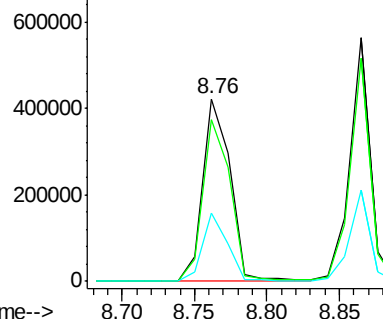
#37
2-Methylnaphthalene
Concen: 32.34 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 557942
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6
115 37.5 26.6 39.8

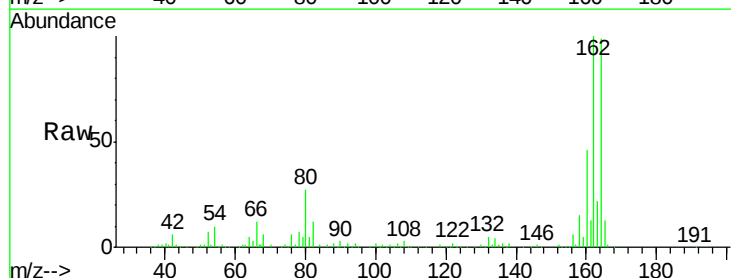


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

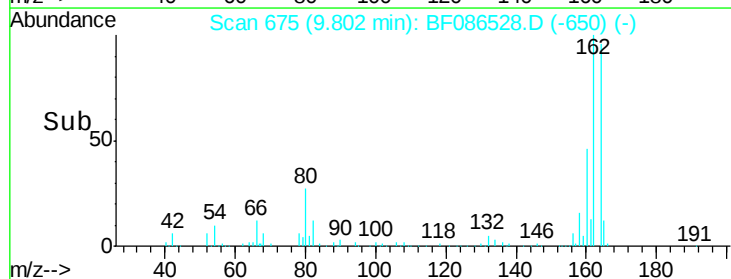
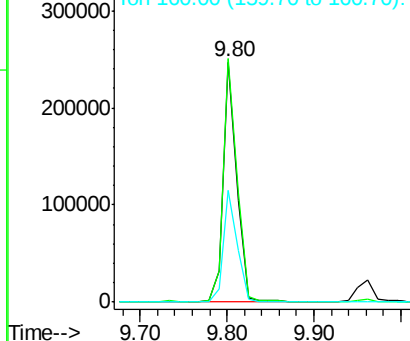


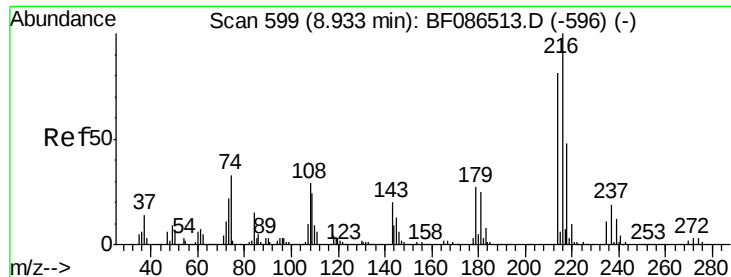
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion:164 Resp: 273327
Ion Ratio Lower Upper
164 100
162 101.5 82.8 124.2
160 46.4 36.9 55.3



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

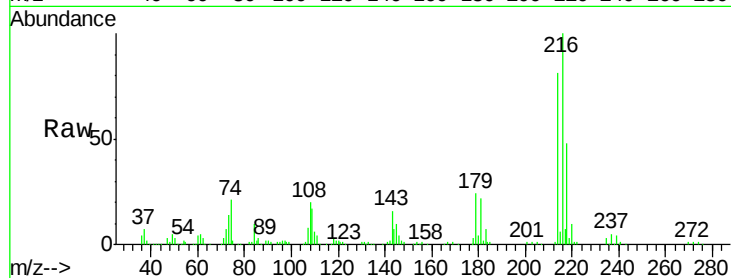




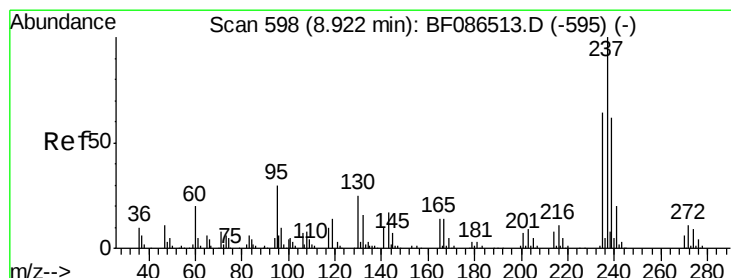
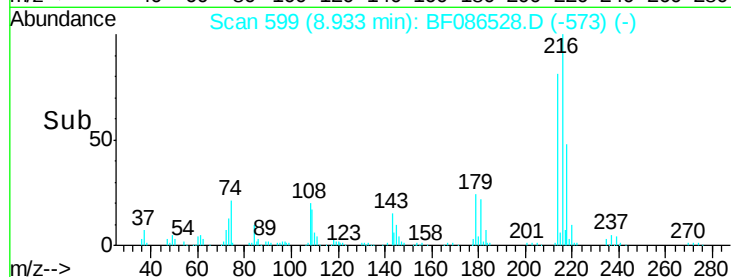
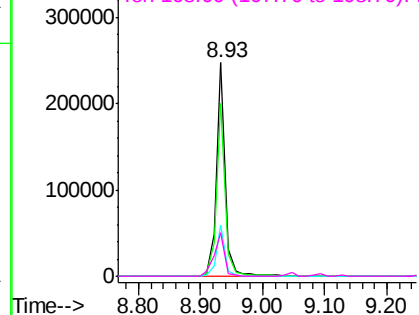
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.74 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	240512
Ion	Ratio	Lower	Upper
216	100		
214	80.1	62.6	93.8
179	23.3	18.2	27.4
108	25.7	17.5	26.3

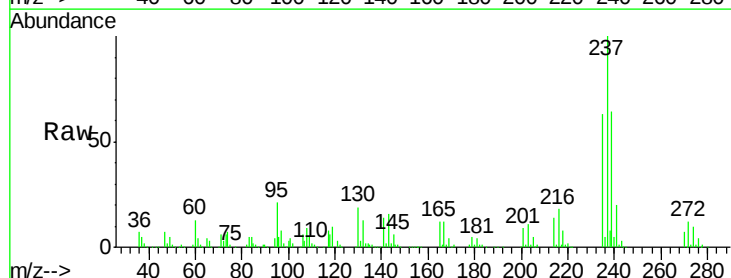


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

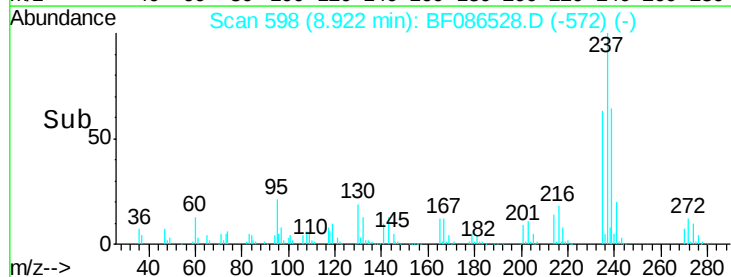
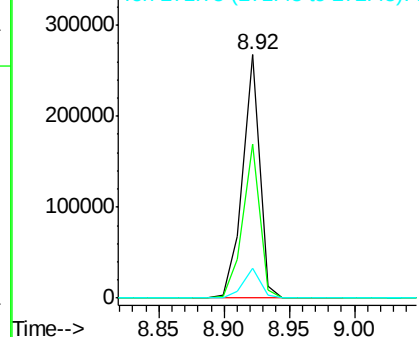


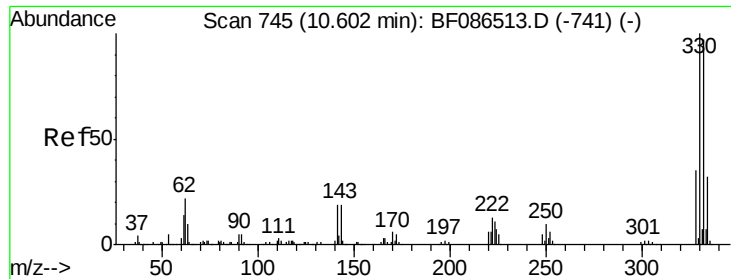
#40
 Hexachlorocyclopentadiene
 Concen: 62.27 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:	237	Resp:	242116
Ion	Ratio	Lower	Upper
237	100		
235	63.2	47.2	87.2
272	12.3	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

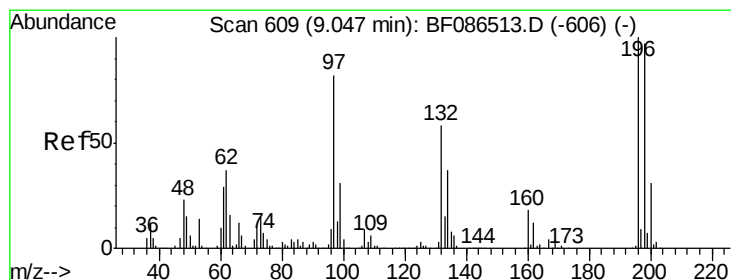
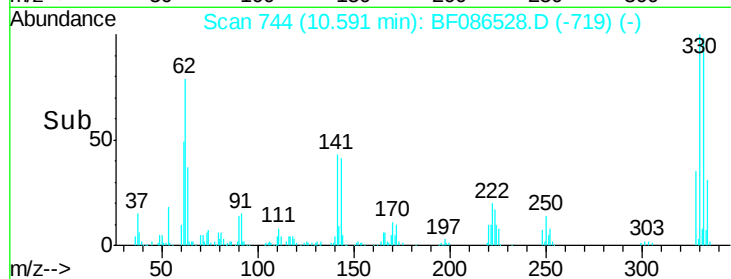
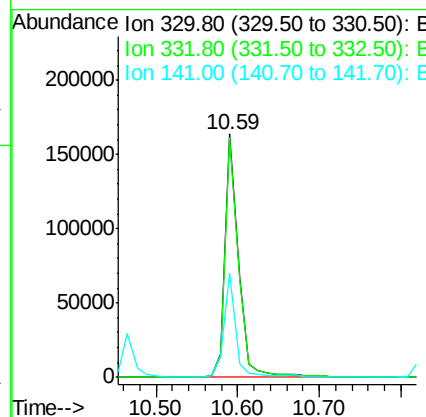
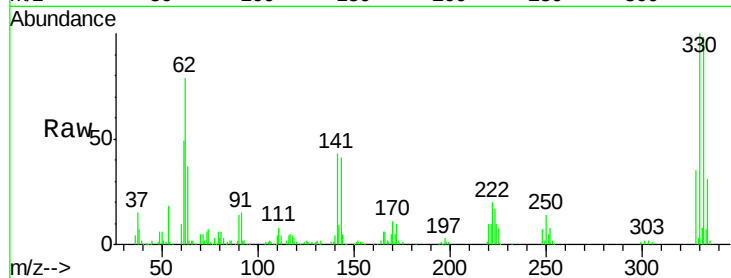




#41
 2,4,6-Tribromophenol
 Concen: 65.27 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

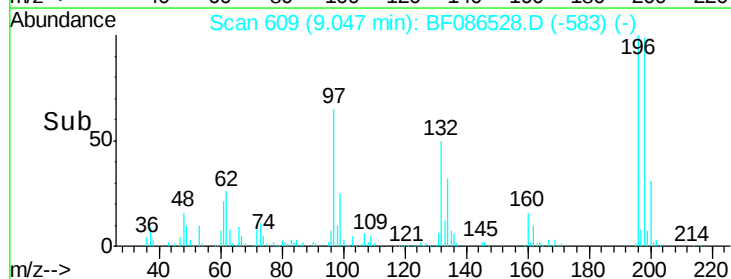
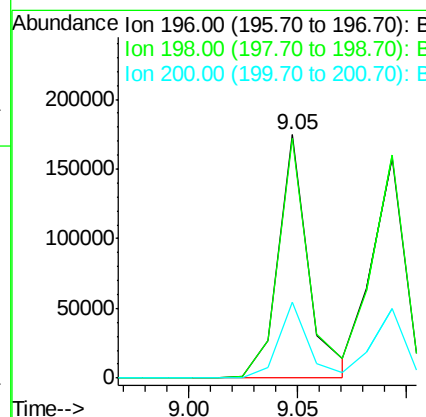
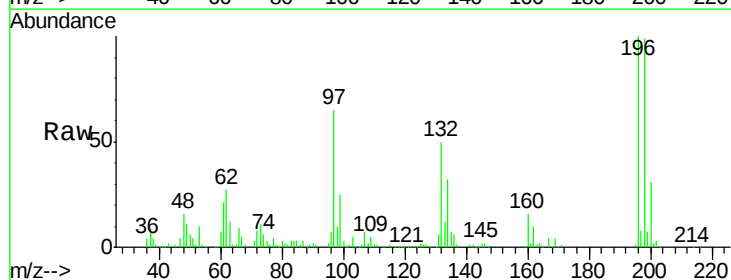
Instrument :
 BNA_F
 ClientSampled :

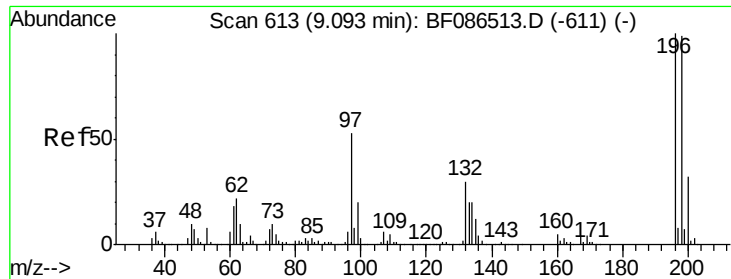
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	79.0	118.4
141	36.4	31.2	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 34.40 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	74.7	112.1
200	31.3	23.8	35.6

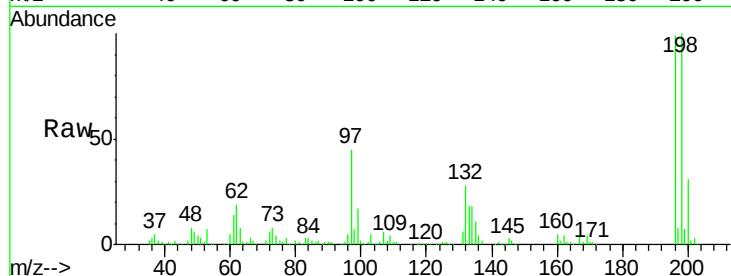




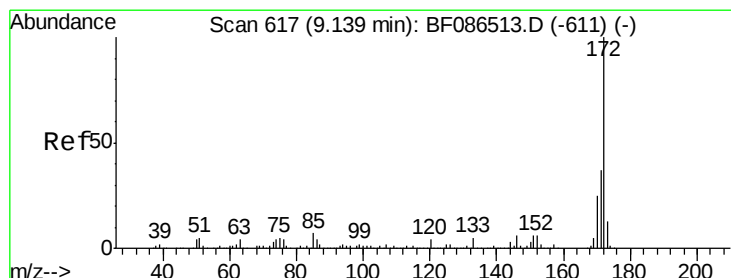
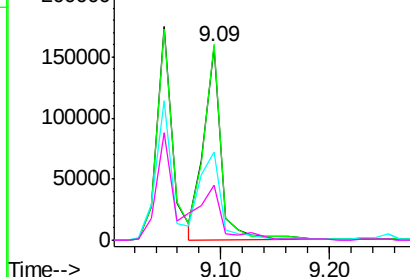
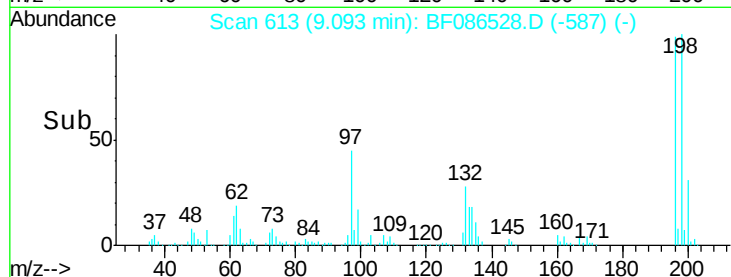
#43
 2,4,5-Trichlorophenol
 Concen: 32.85 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 177098
 Ion Ratio Lower Upper
 196 100
 198 101.1 77.5 116.3
 97 45.7 34.8 52.2
 132 28.2 23.0 34.4

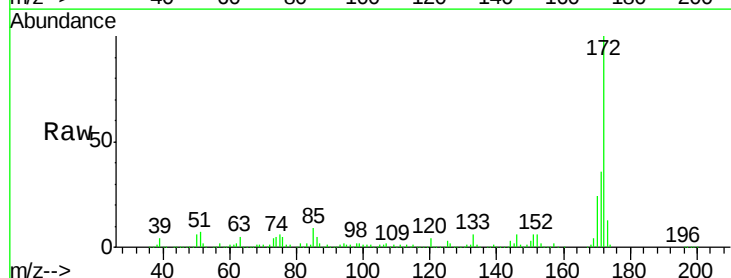


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

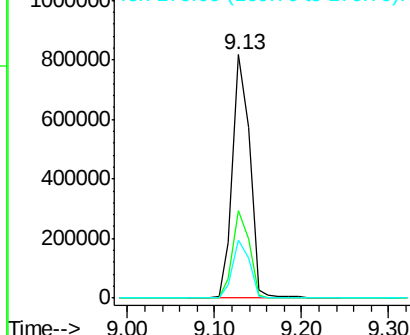
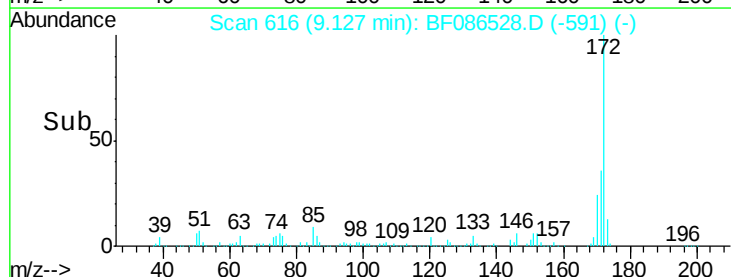


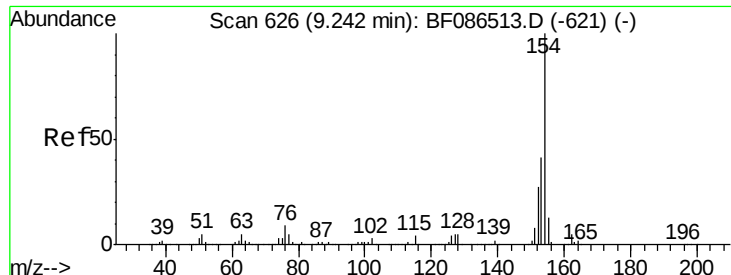
#44
 2-Fluorobiphenyl
 Concen: 68.99 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:172 Resp: 1125437
 Ion Ratio Lower Upper
 172 100
 171 35.7 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

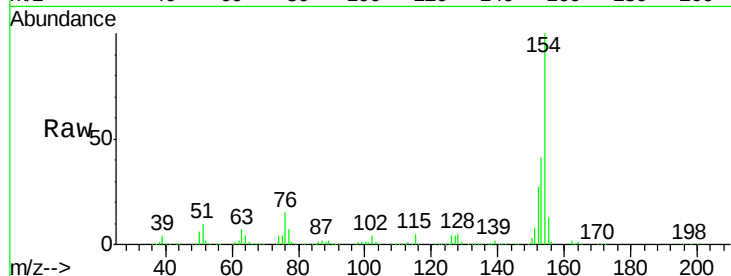




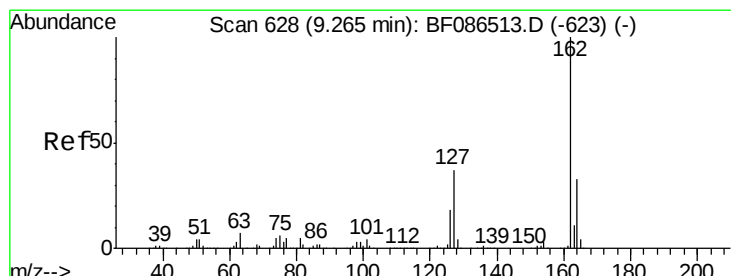
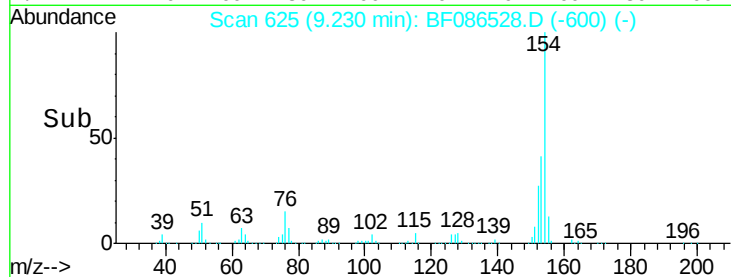
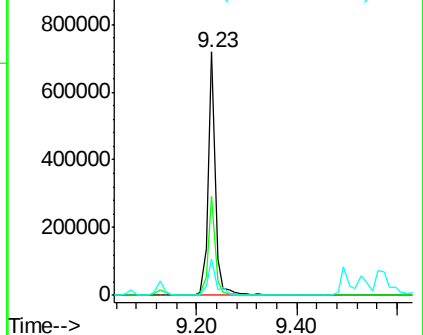
#45
 1,1'-Biphenyl
 Concen: 31.55 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.3	60.3
76	14.8	0.0	30.2

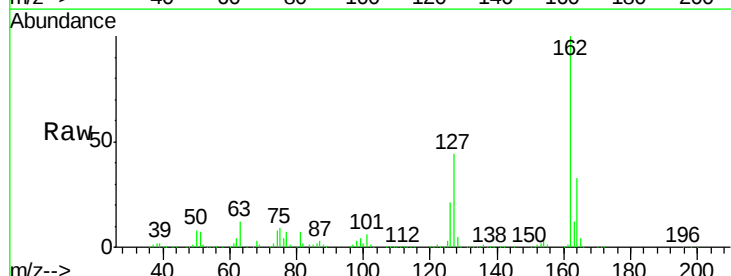


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

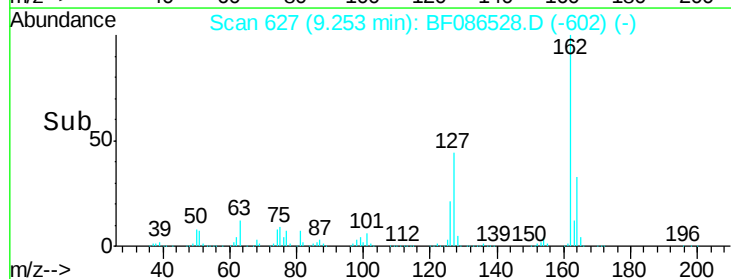
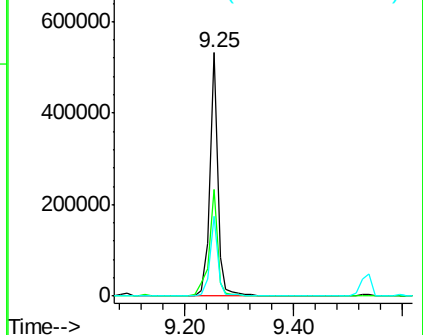


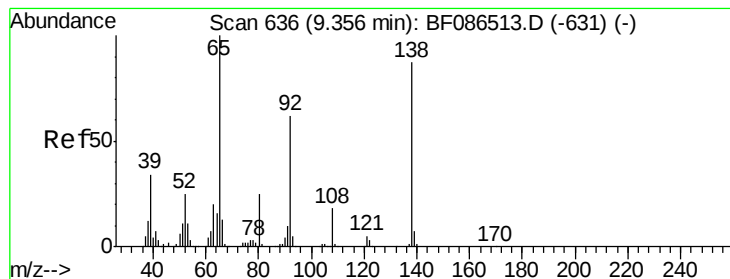
#46
 2-Chloronaphthalene
 Concen: 31.41 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	31.8	47.6
164	32.8	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

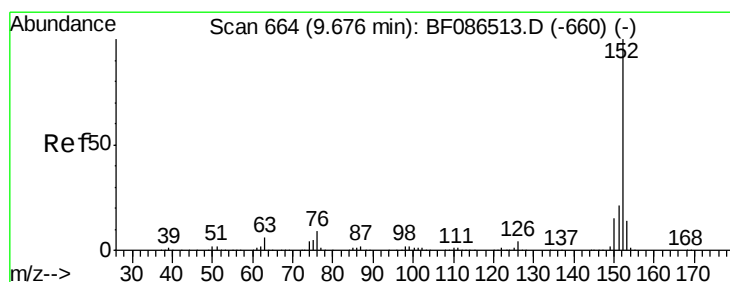
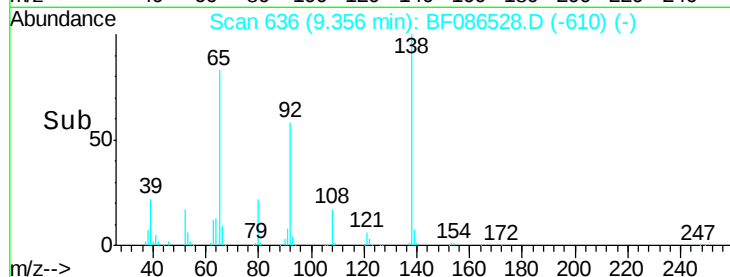
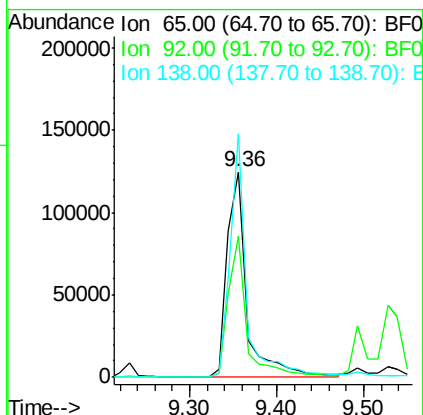
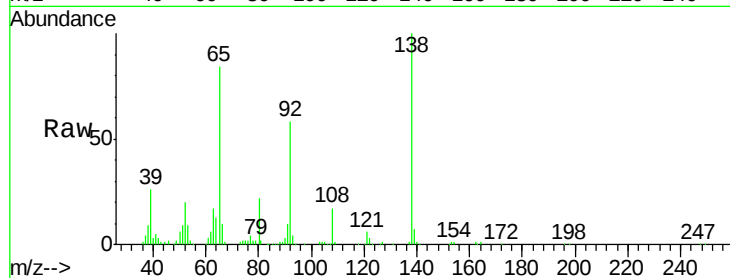




#47
2-Nitroaniline
Concen: 35.67 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

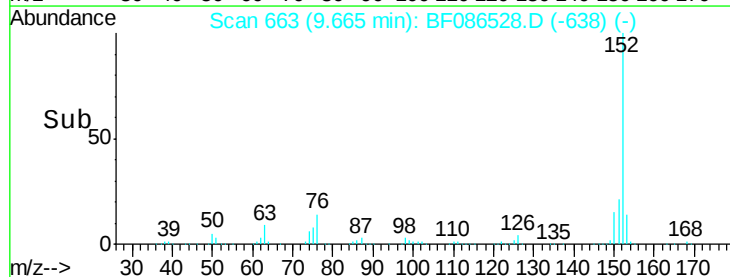
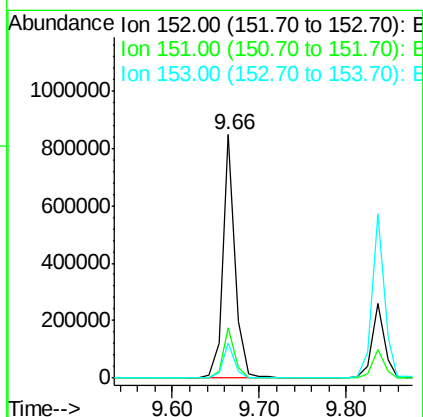
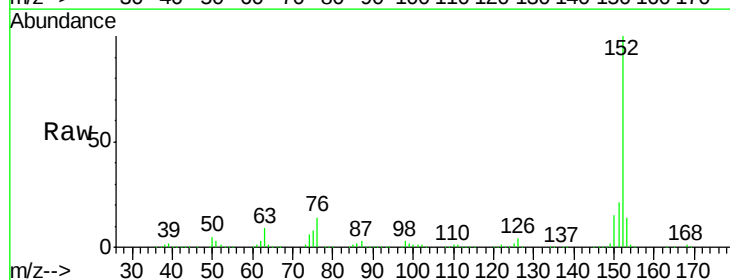
Instrument :
BNA_F
ClientSampleId :

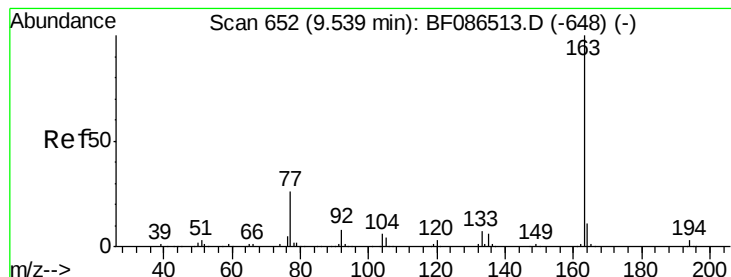
Tot Ion: 65 Resp: 198689
Ion Ratio Lower Upper
65 100
92 68.7 57.4 86.2
138 118.4 90.1 135.1



#48
Acenaphthylene
Concen: 30.67 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion: 152 Resp: 832843
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.3 10.9 16.3





#49

Dimethylphthalate

Concen: 31.93 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

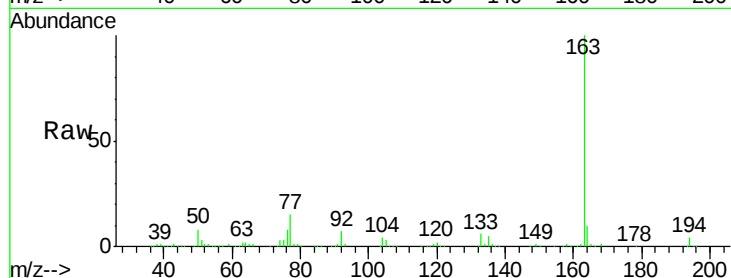
Tot Ion:163 Resp: 657014

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

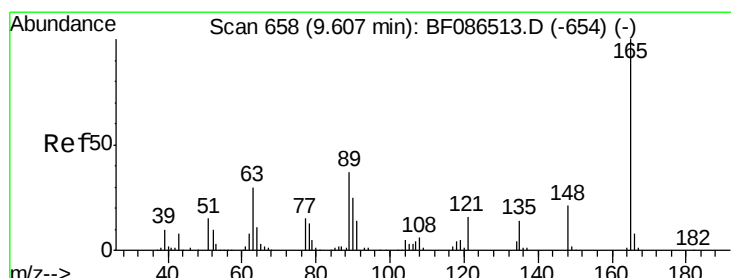
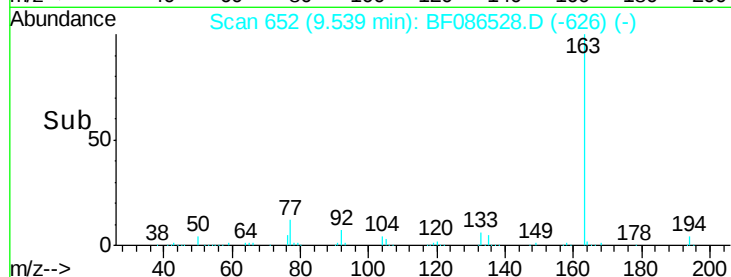
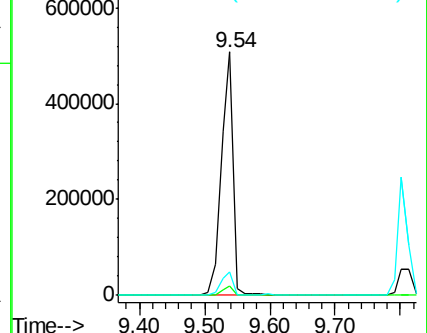
164 9.6 8.2 12.4



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: 35.41 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

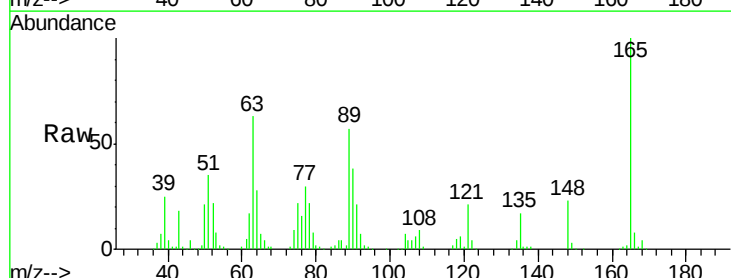
Tgt Ion:165 Resp: 150522

Ion Ratio Lower Upper

165 100

63 62.8 51.8 77.8

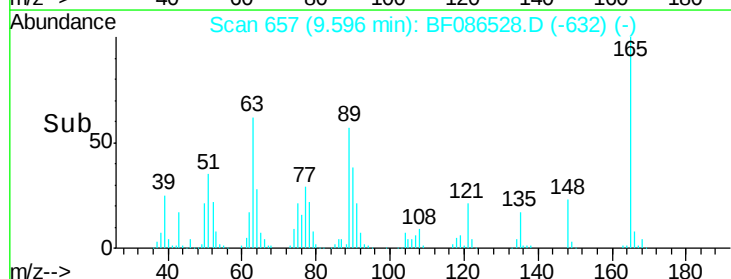
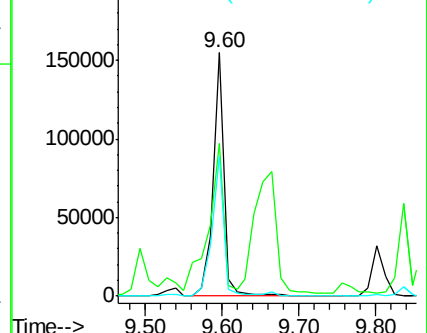
89 57.4 50.7 76.1

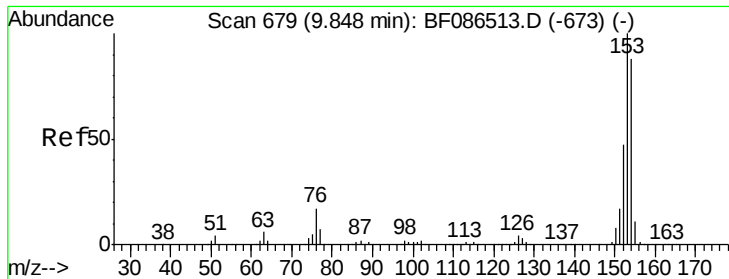


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.59 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

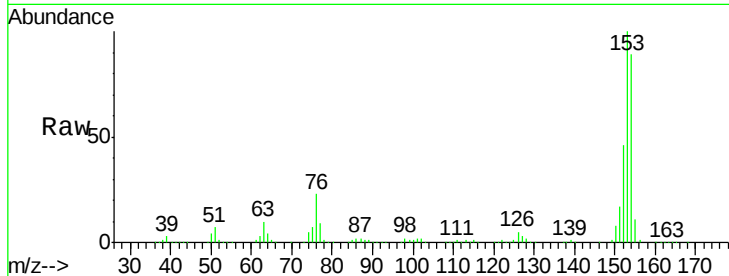
Tot Ion:154 Resp: 603279

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

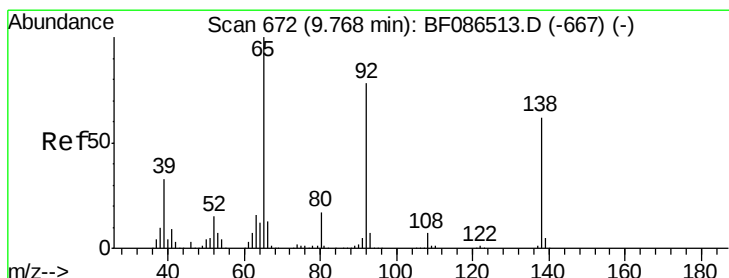
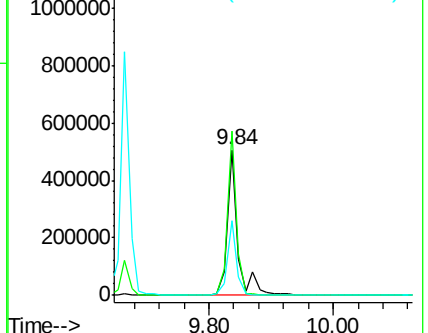
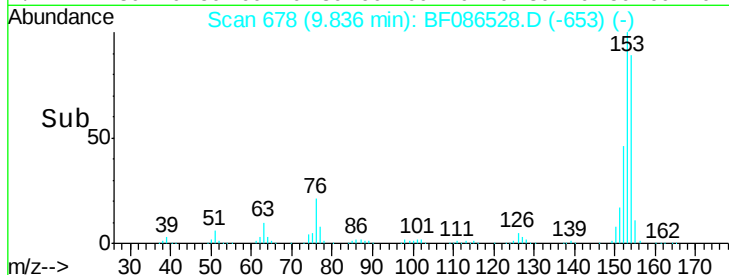
152 51.6 43.4 65.0



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: 12.68 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

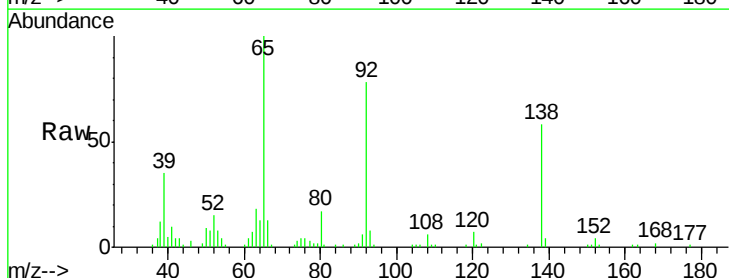
Tgt Ion:138 Resp: 61305

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.6

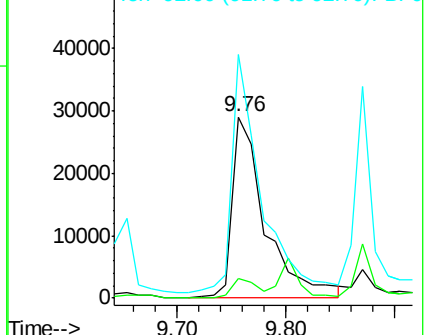
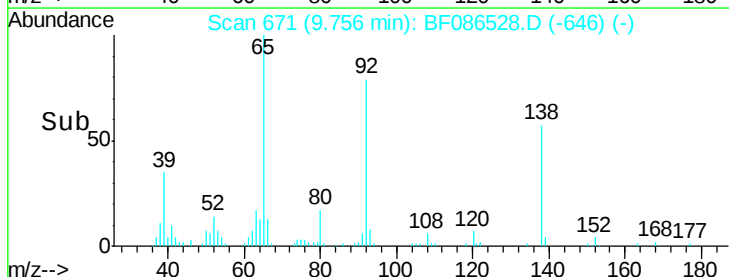
92 134.4 87.8 131.8#

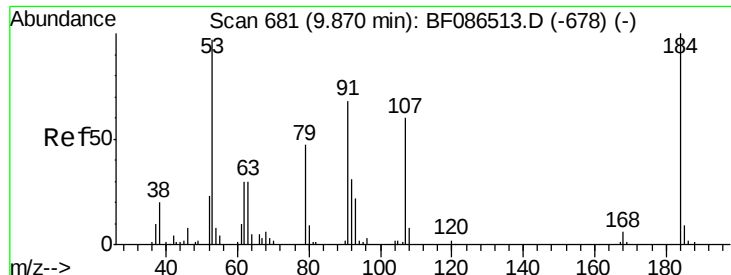


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

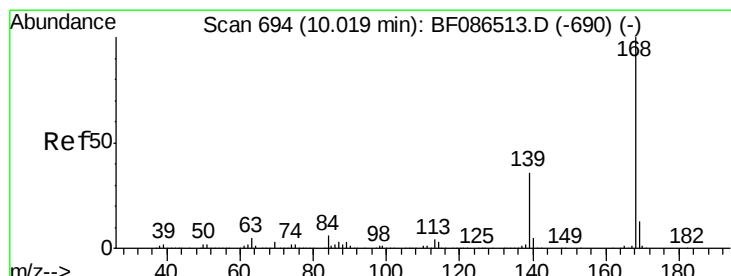
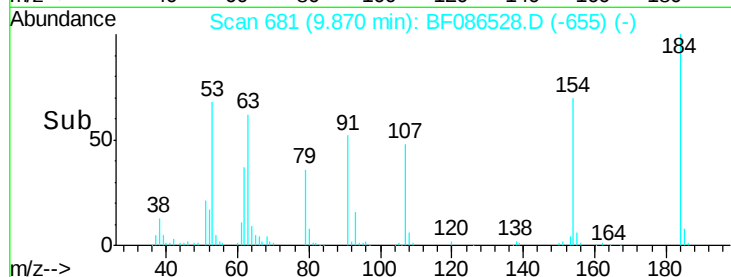
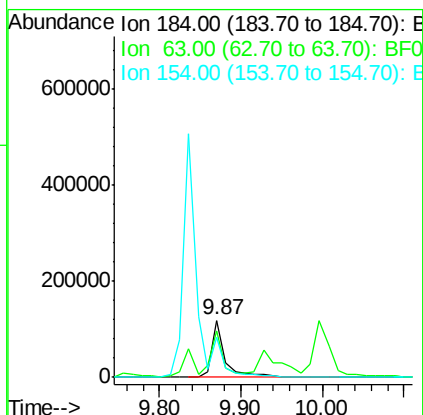
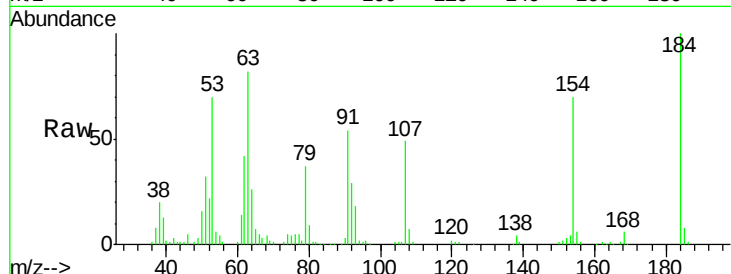




#53
2,4-Dinitrophenol
Concen: 61.57 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

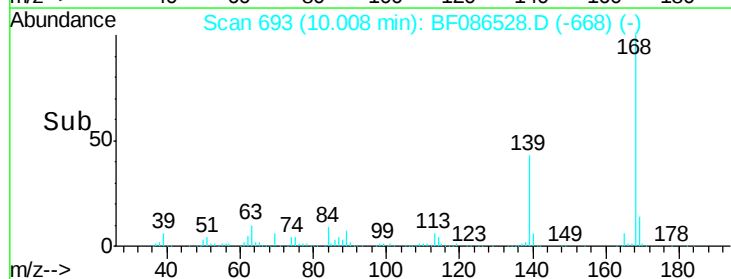
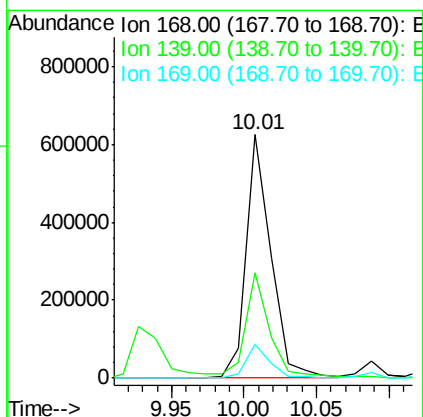
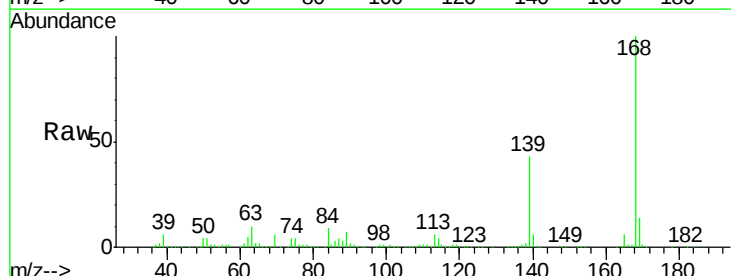
Instrument :
BNA_F
ClientSampleId :

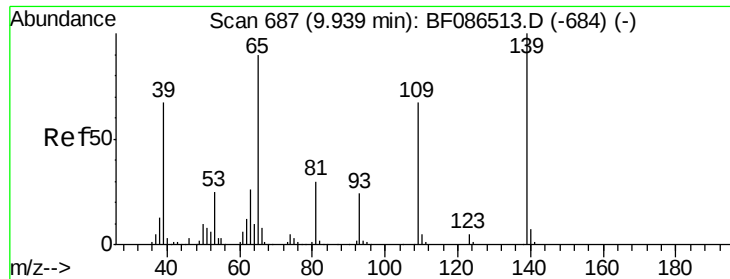
Tot Ion:184 Resp: 138466
Ion Ratio Lower Upper
184 100
63 82.1 55.8 83.8
154 70.3 62.4 93.6



#54
Dibenzofuran
Concen: 34.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion:168 Resp: 741171
Ion Ratio Lower Upper
168 100
139 43.1 31.4 47.0
169 13.8 10.7 16.1





#55

4-Nitrophenol

Concen: 63.89 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

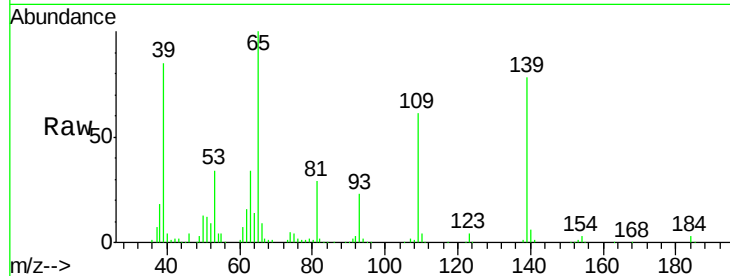
Tot Ion:139 Resp: 202245

Ion Ratio Lower Upper

139 100

109 77.7 36.9 76.9#

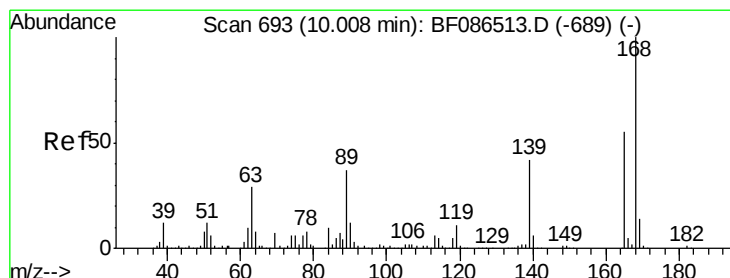
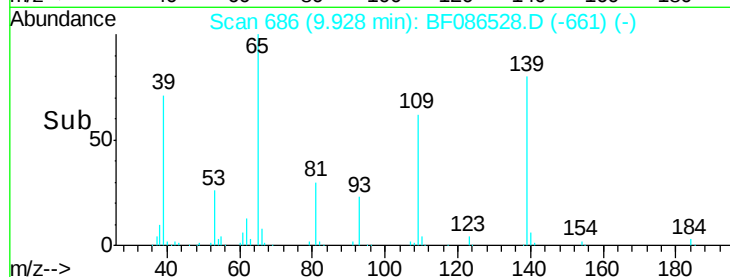
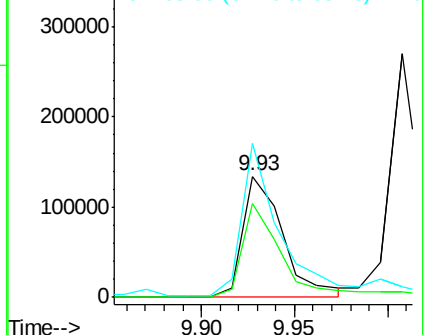
65 127.6 64.0 104.0#



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: 34.14 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:165 Resp: 184995

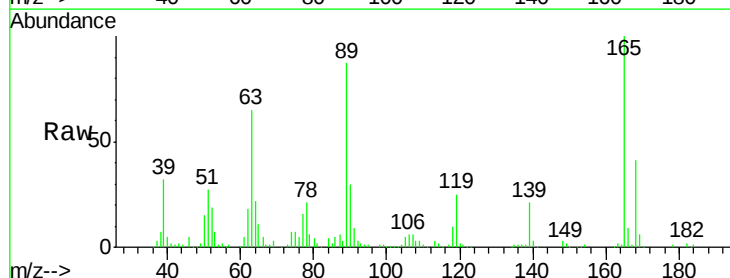
Ion Ratio Lower Upper

165 100

63 64.8 44.3 66.5

89 87.2 70.0 105.0

182 2.3 1.8 2.6

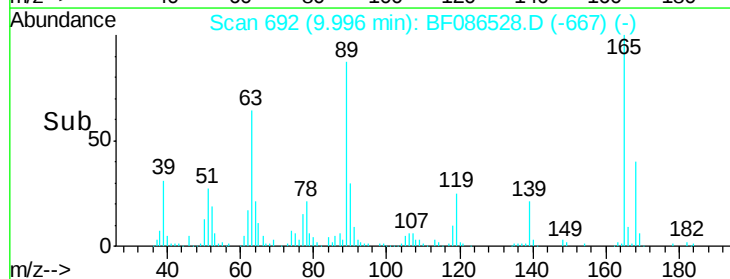
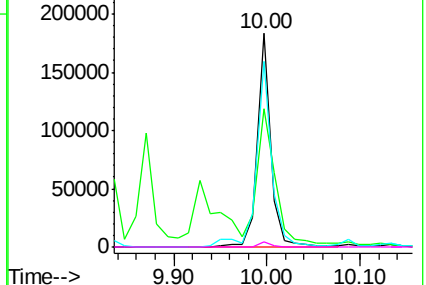


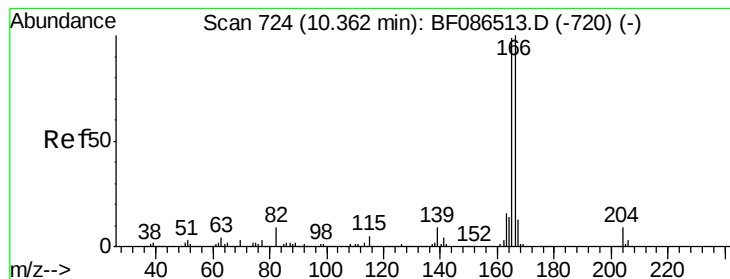
Abundance Ion 165.00 (164.70 to 165.70): E

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: 29.74 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

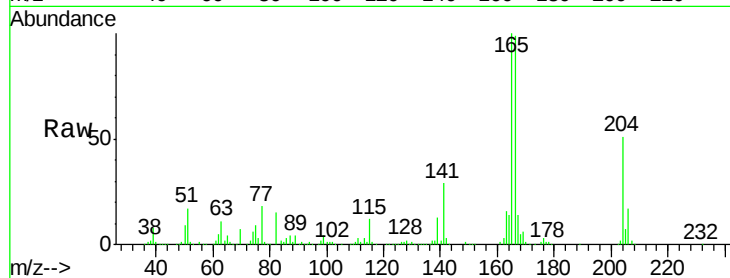
Tot Ion:166 Resp: 562828

Ion Ratio Lower Upper

166 100

165 100.9 79.0 118.6

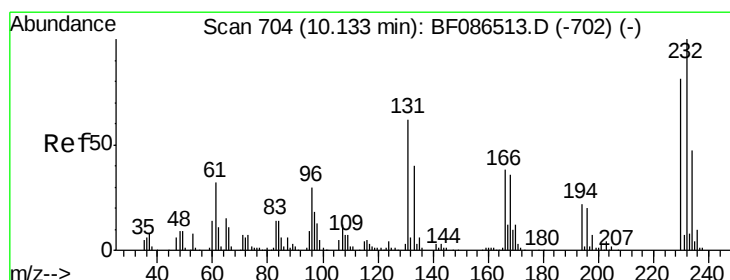
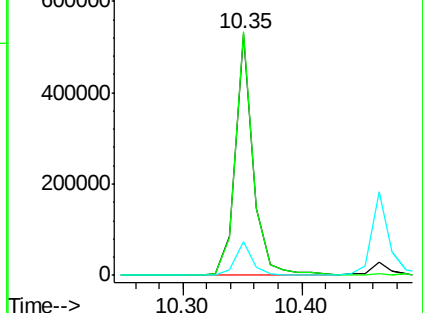
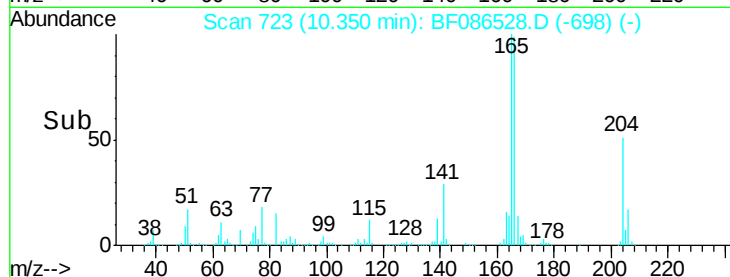
167 14.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.60 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:232 Resp: 154255

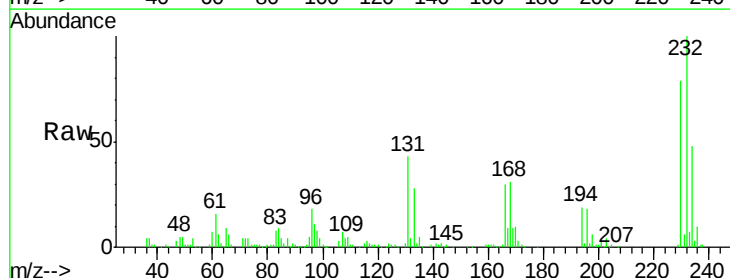
Ion Ratio Lower Upper

232 100

131 50.9 41.9 62.9

130 2.5 2.2 3.4

166 30.4 26.8 40.2

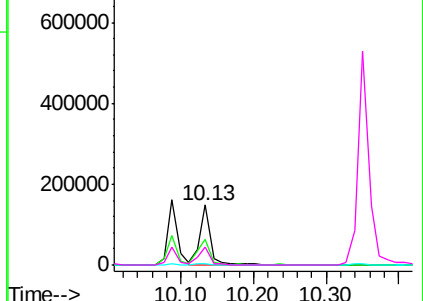
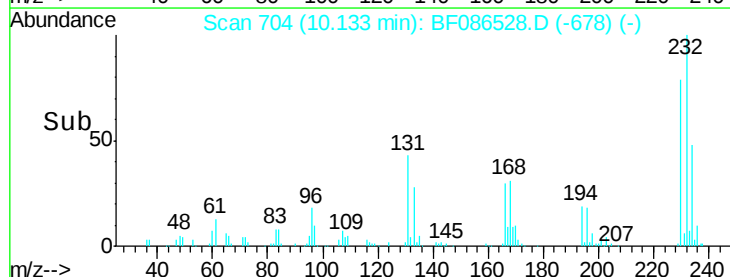


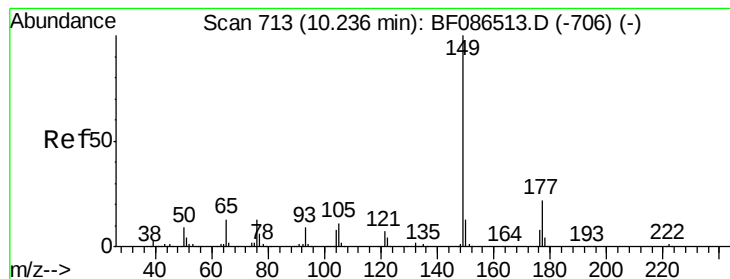
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.58 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

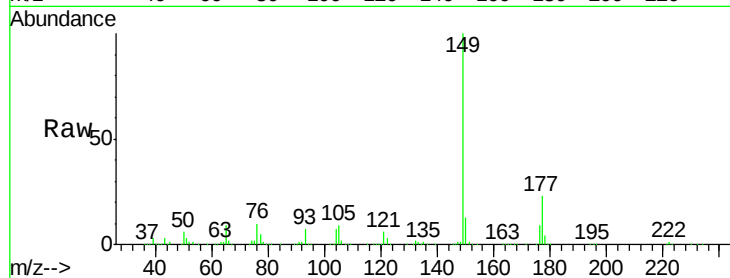
Tot Ion:149 Resp: 654088

Ion Ratio Lower Upper

149 100

177 23.5 16.6 24.8

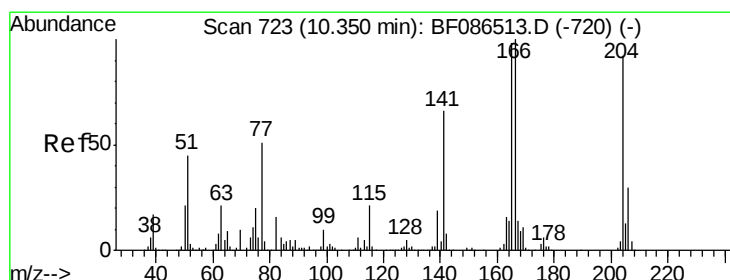
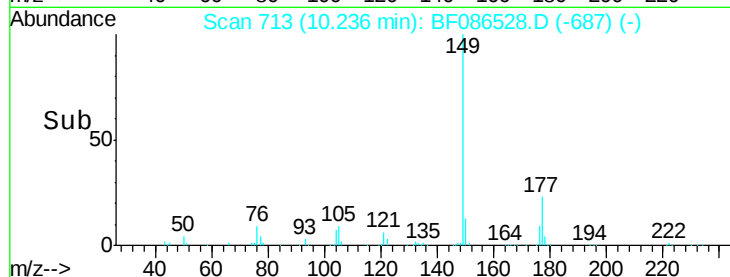
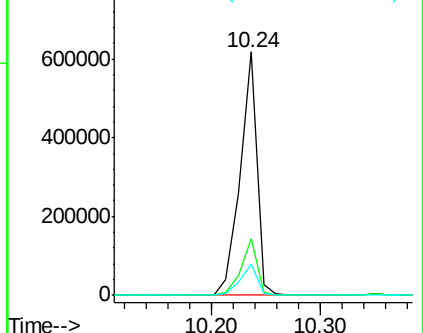
150 12.6 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.27 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

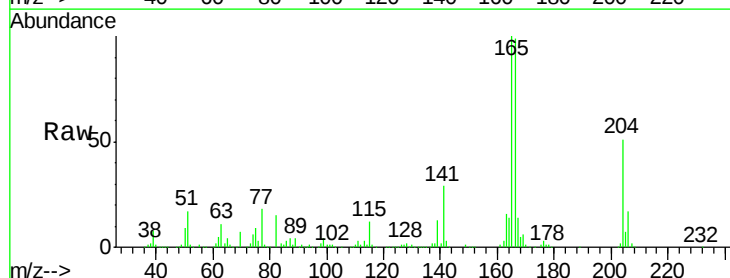
Tgt Ion:204 Resp: 277256

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

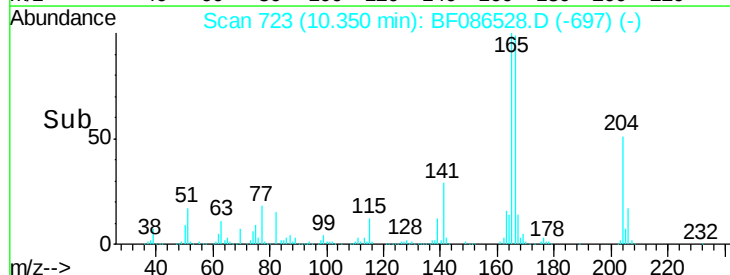
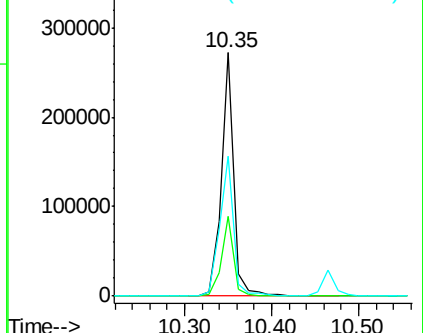
141 57.4 61.6 92.4#

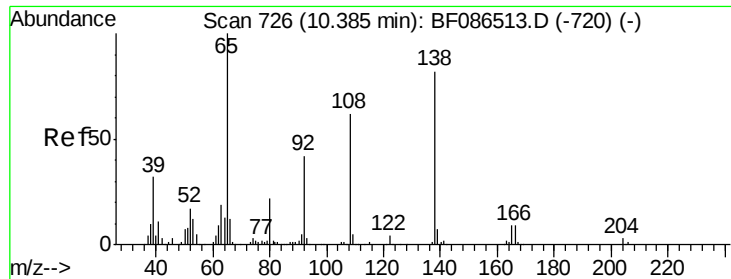


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

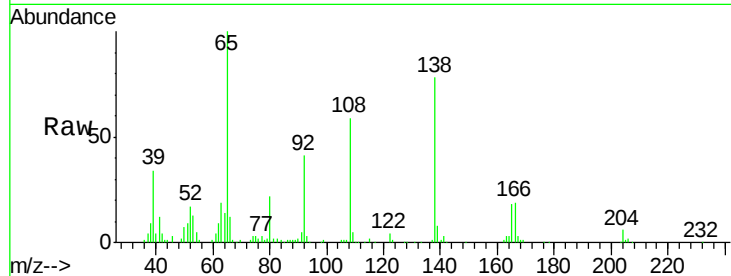




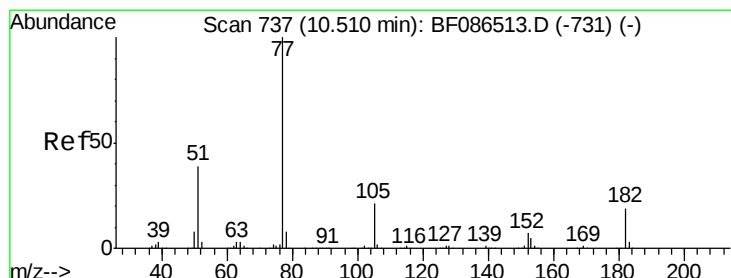
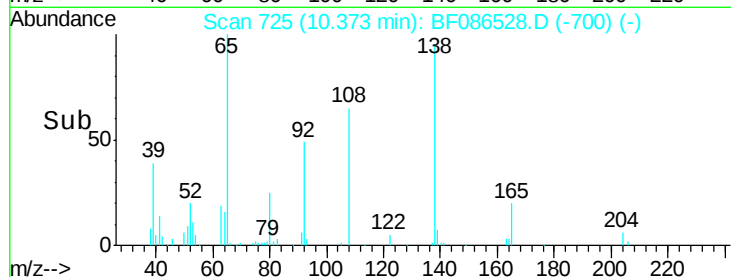
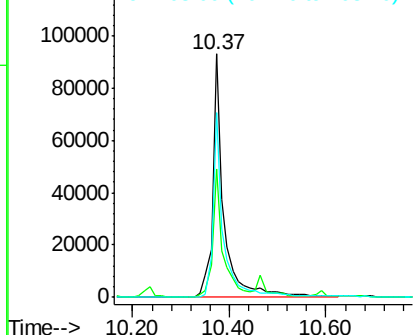
#61
4-Nitroaniline
Concen: 32.95 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 155701
Ion Ratio Lower Upper
138 100
92 52.5 24.7 64.7
108 75.9 37.4 77.4

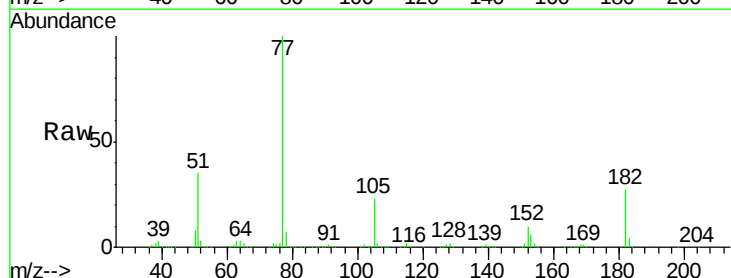


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

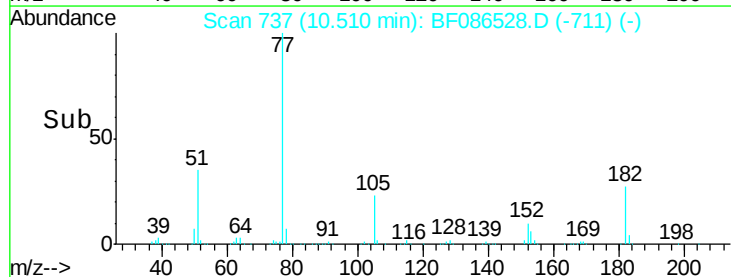
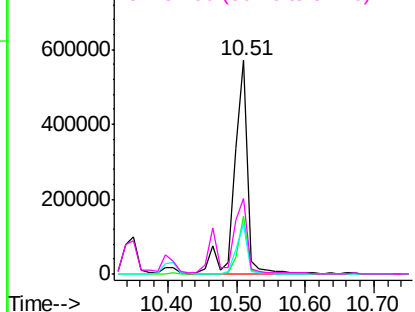


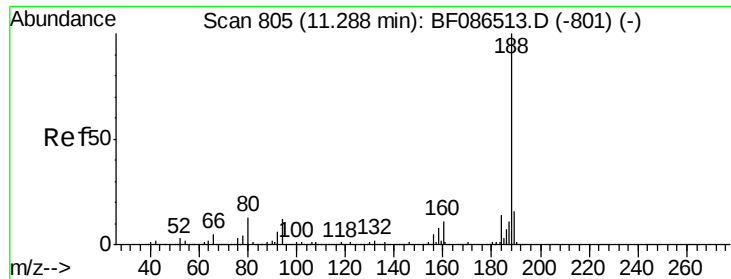
#62
Azobenzene
Concen: 35.62 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion: 77 Resp: 760091
Ion Ratio Lower Upper
77 100
182 27.0 0.0 38.8
105 23.3 3.2 43.2
51 35.2 8.8 48.8



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

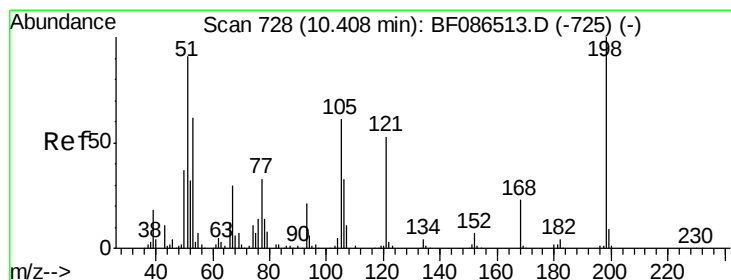
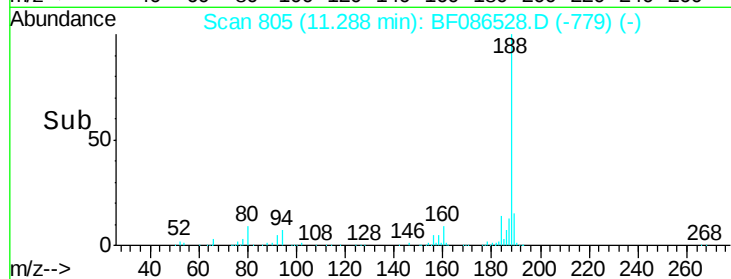
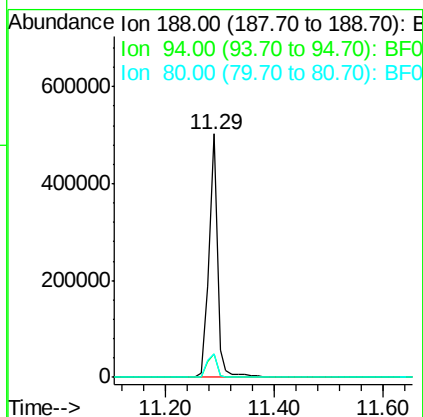
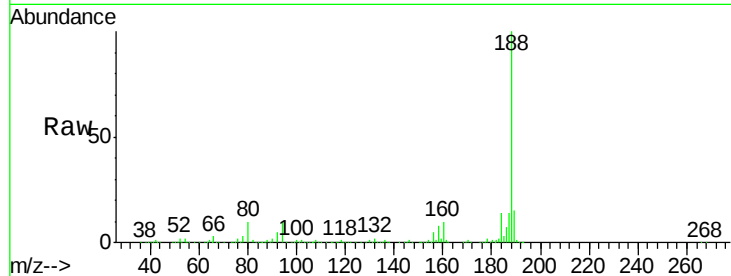




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

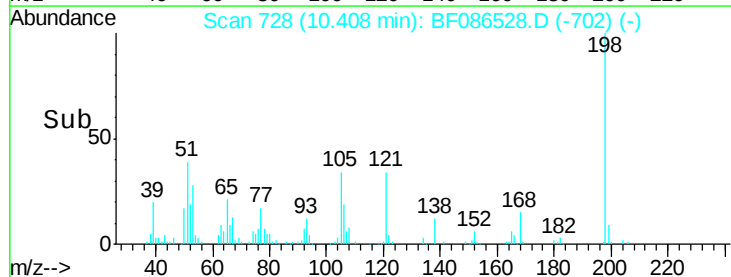
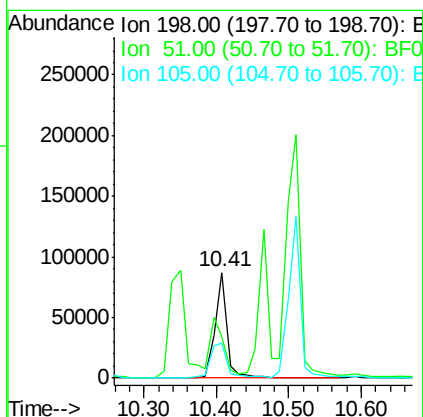
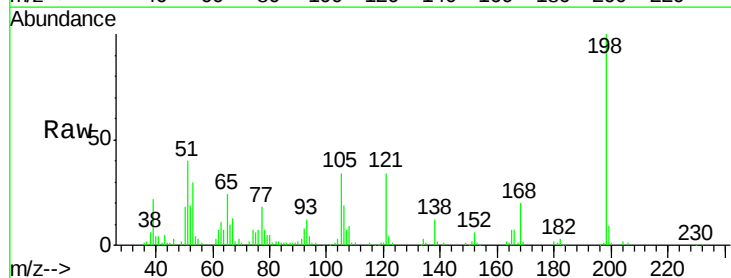
Instrument :
BNA_F
ClientSampleId :

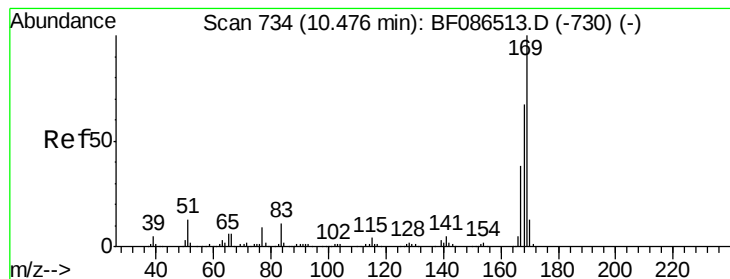
Tot Ion:188 Resp: 553963
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 9.8 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 30.85 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion:198 Resp: 100338
Ion Ratio Lower Upper
198 100
51 39.6 20.5 60.5
105 33.7 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 29.28 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

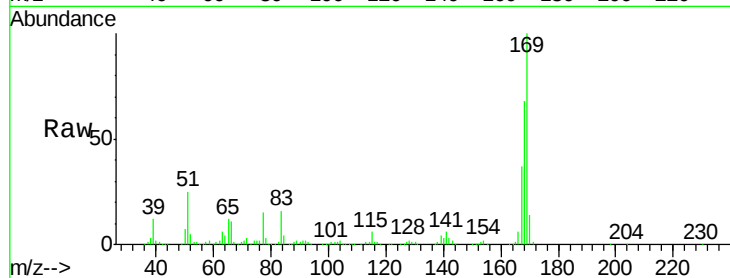
Tot Ion:169 Resp: 506933

Ion Ratio Lower Upper

169 100

168 68.0 53.8 80.6

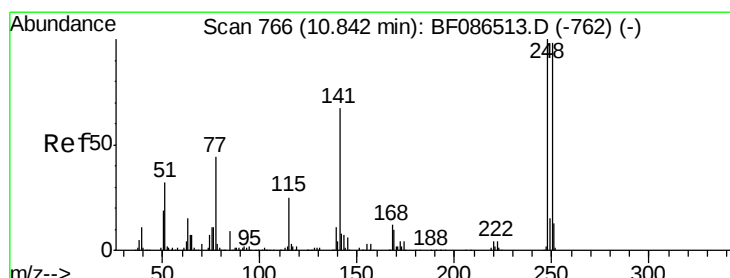
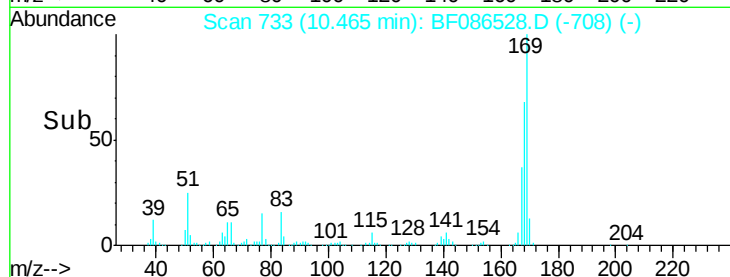
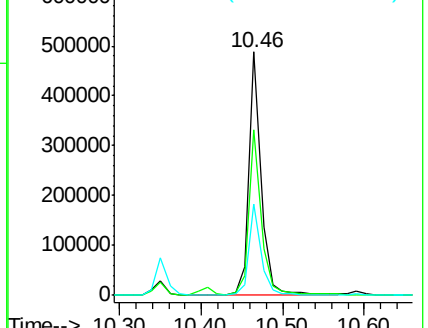
167 37.4 29.5 44.3



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: 29.13 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

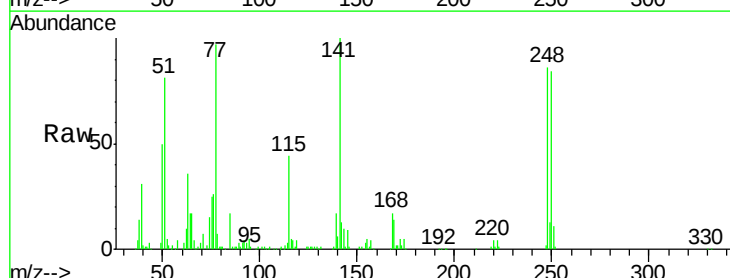
Tgt Ion:248 Resp: 166260

Ion Ratio Lower Upper

248 100

250 97.6 78.6 117.8

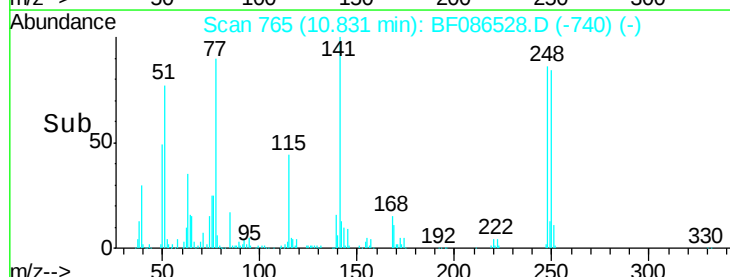
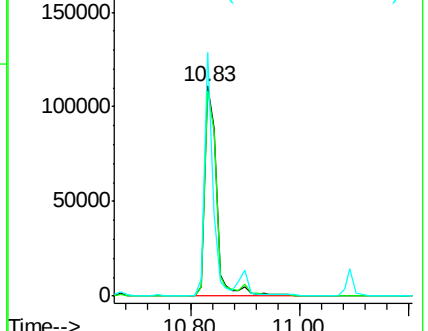
141 116.0 76.0 114.0#

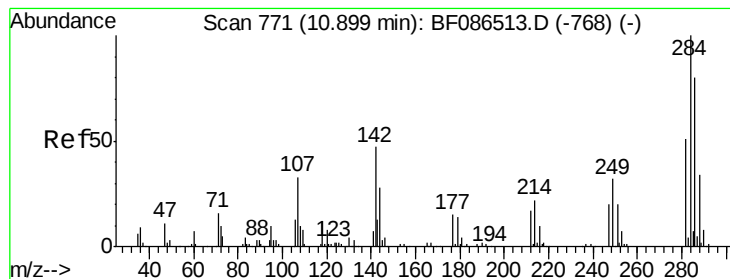


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 30.26 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

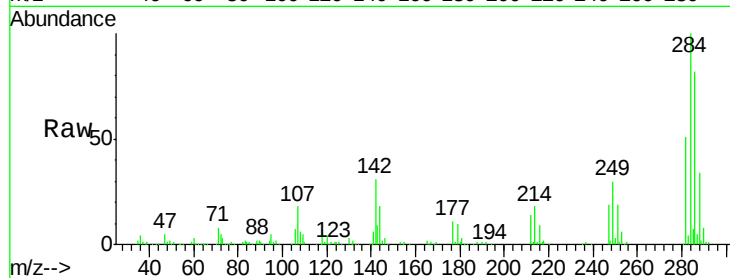
Tot Ion:284 Resp: 199915

Ion Ratio Lower Upper

284 100

142 31.1 16.7 25.1#

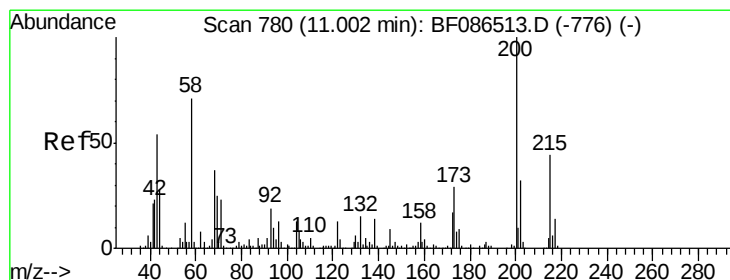
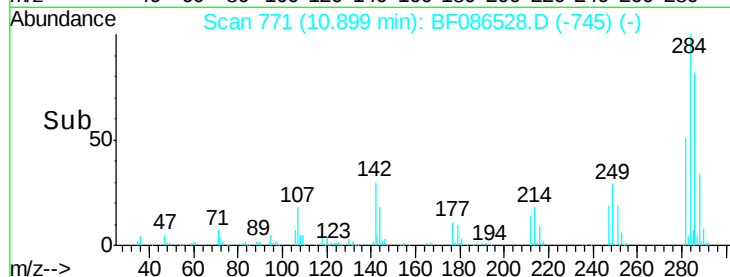
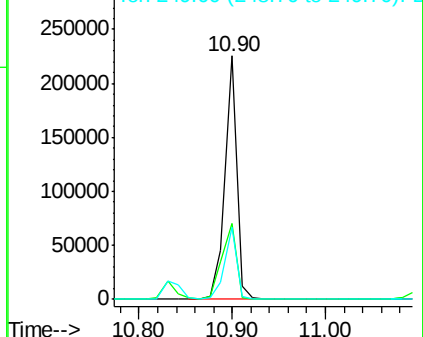
249 29.7 21.3 31.9



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: 30.00 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

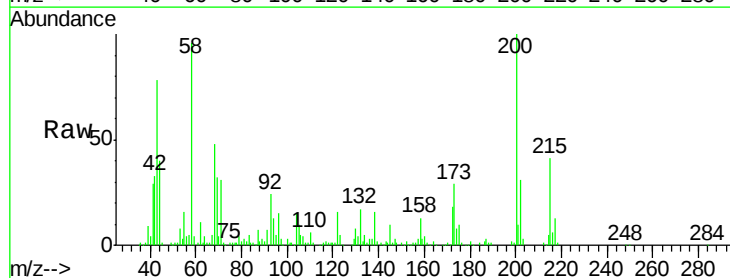
Tgt Ion:200 Resp: 155982

Ion Ratio Lower Upper

200 100

173 29.2 8.5 48.5

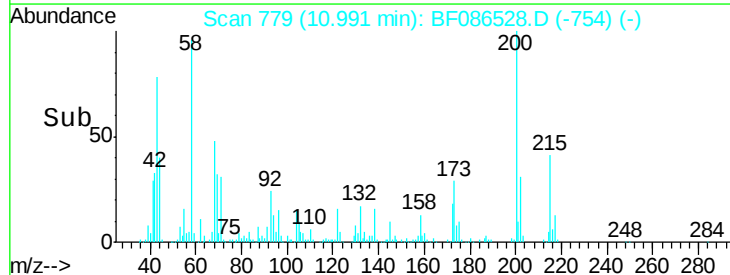
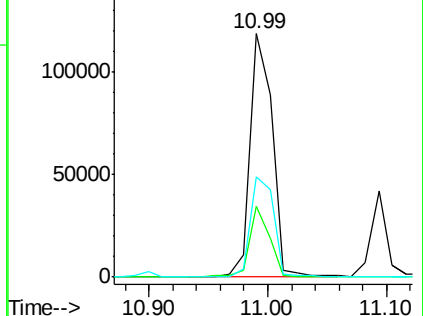
215 41.3 27.2 67.2

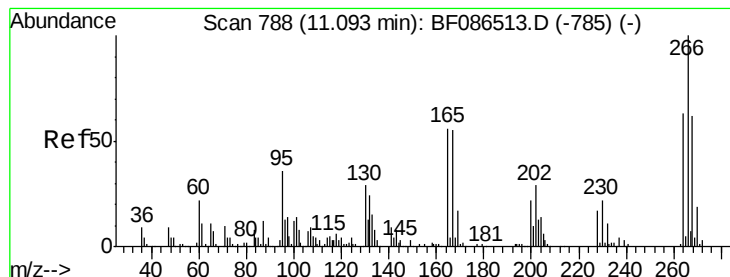


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

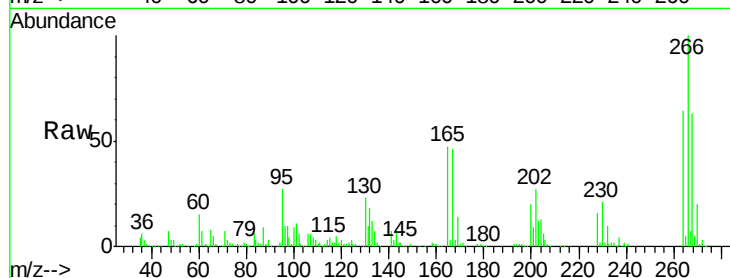




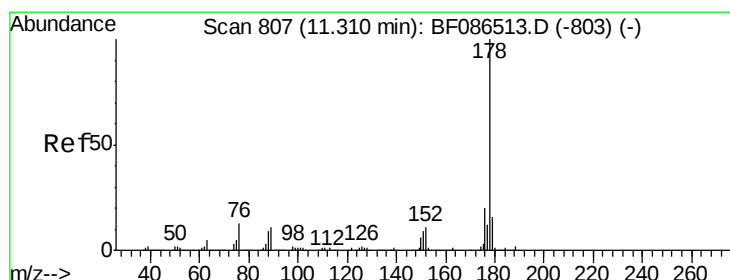
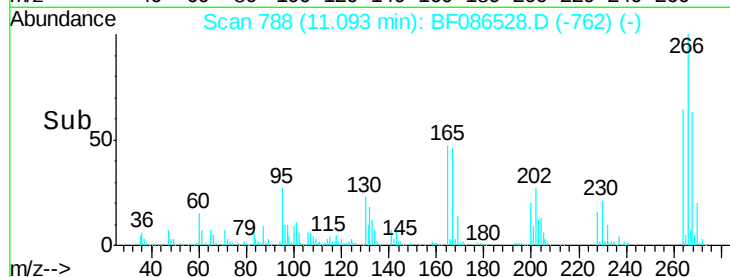
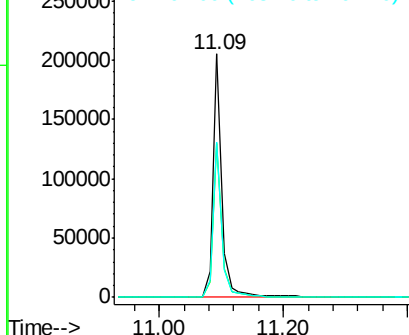
#69
 Pentachlorophenol
 Concen: 58.04 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 202179
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.5 77.3
 264 63.7 52.9 79.3

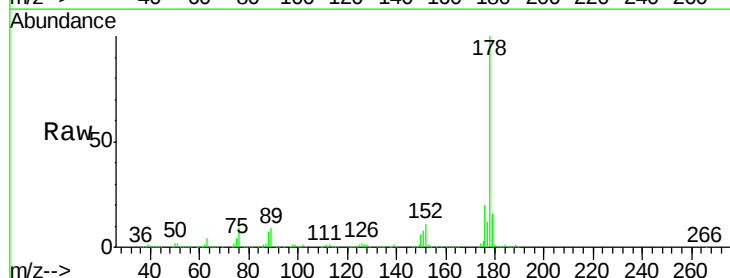


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

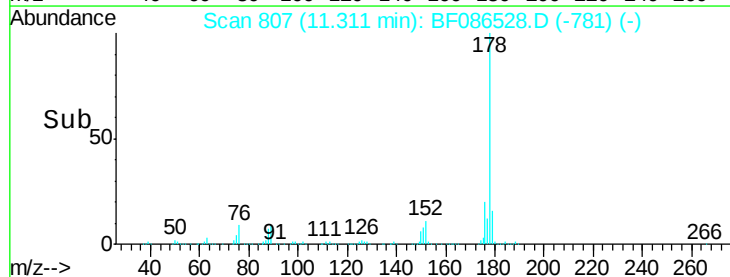
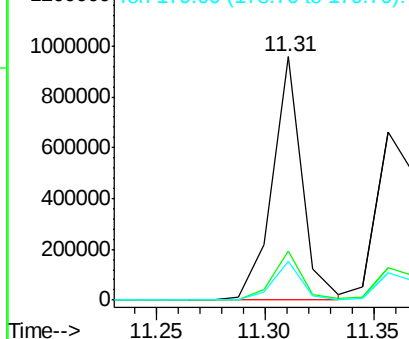


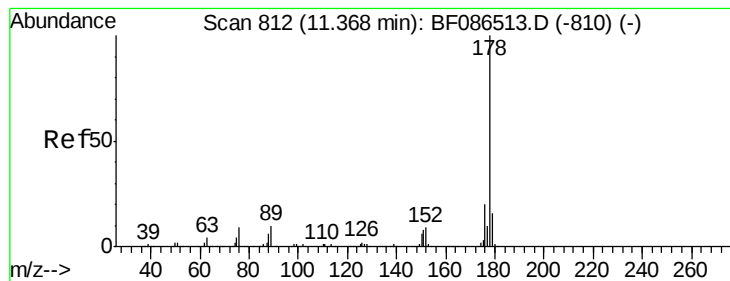
#70
 Phenanthrene
 Concen: 31.35 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:178 Resp: 911407
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.0 24.0
 179 15.8 12.6 18.8



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





#71

Anthracene

Concen: 30.95 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

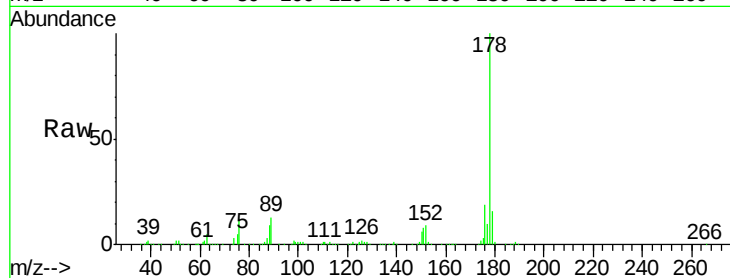
Tot Ion:178 Resp: 960100

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

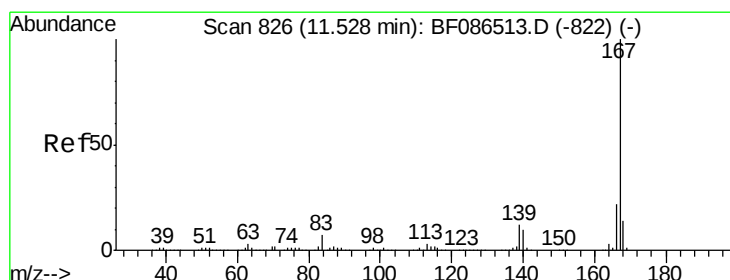
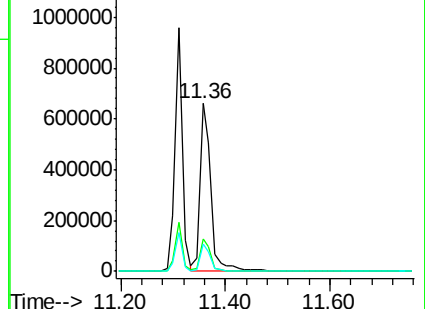
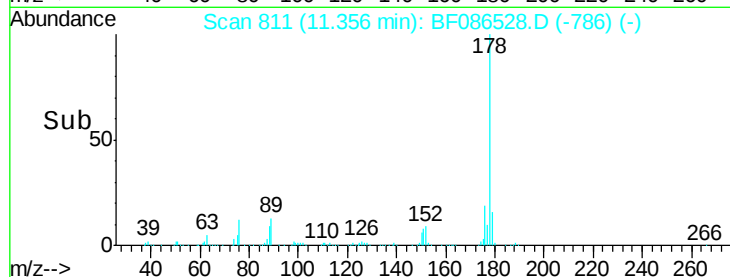
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.11 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

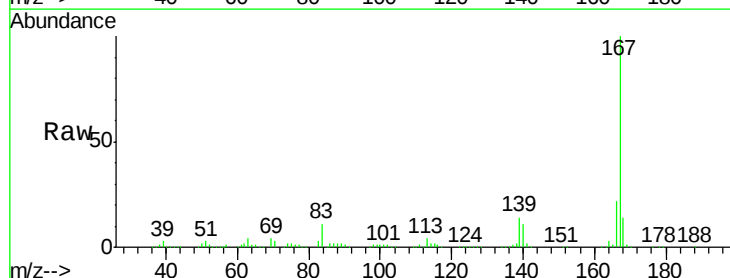
Tgt Ion:167 Resp: 882919

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

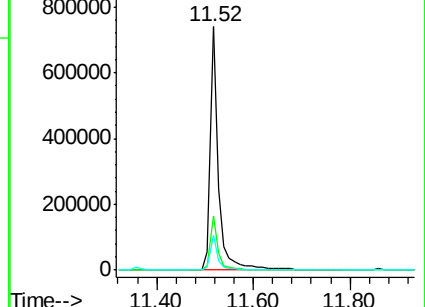
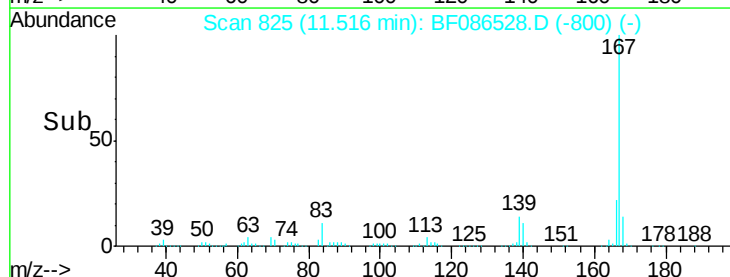
139 14.3 10.8 16.2

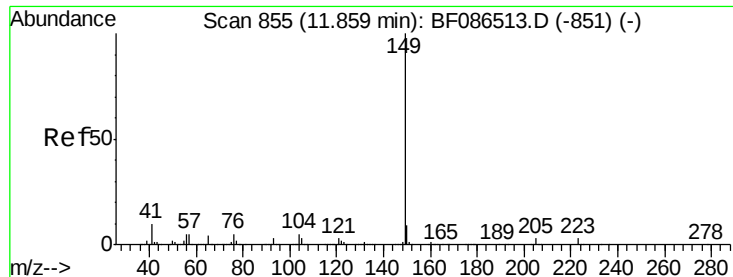


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.49 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

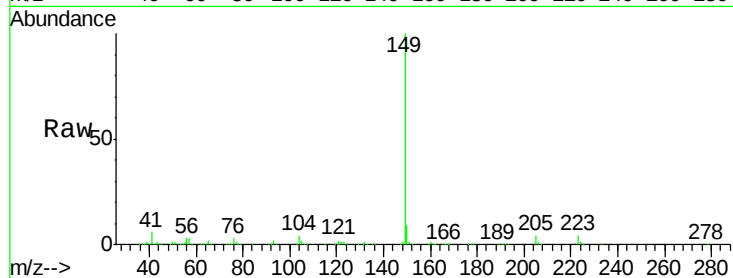
Tot Ion:149 Resp: 981036

Ion Ratio Lower Upper

149 100

150 9.0 7.6 11.4

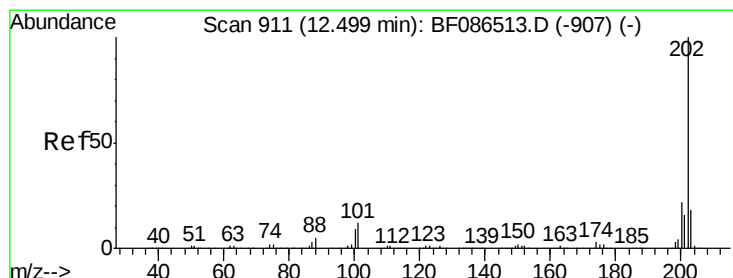
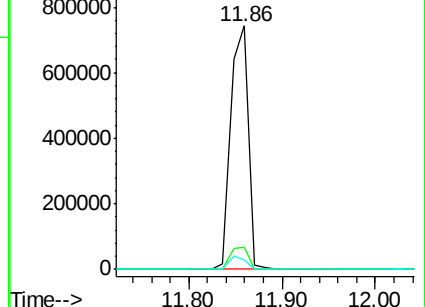
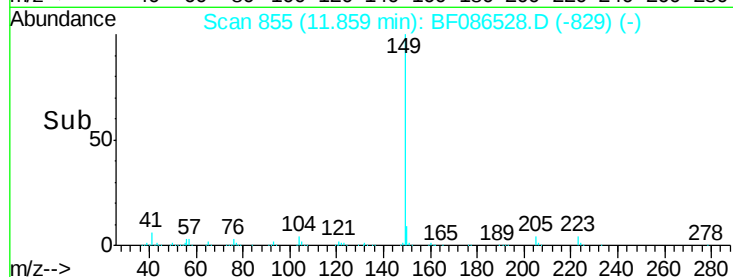
104 4.1 3.8 5.6



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: 31.90 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

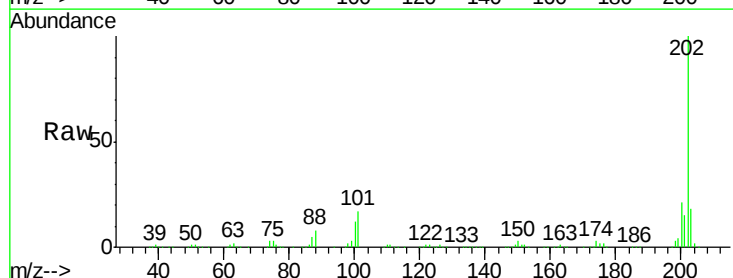
Tgt Ion:202 Resp: 936099

Ion Ratio Lower Upper

202 100

101 16.6 0.0 35.4

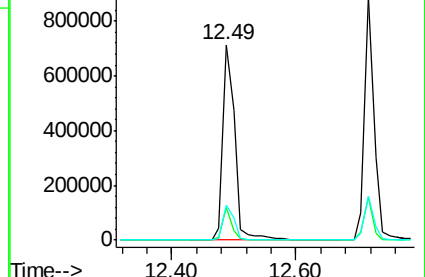
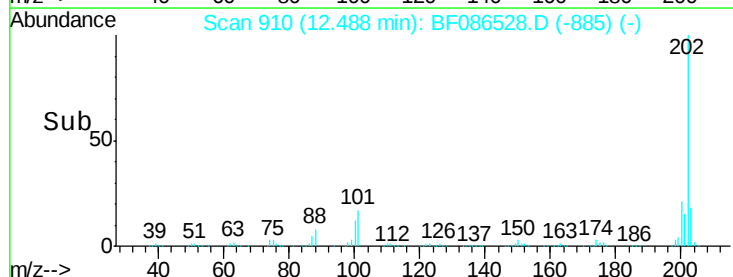
203 17.9 0.0 38.1

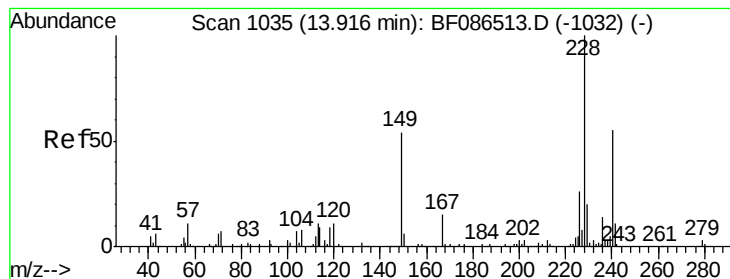


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampled :

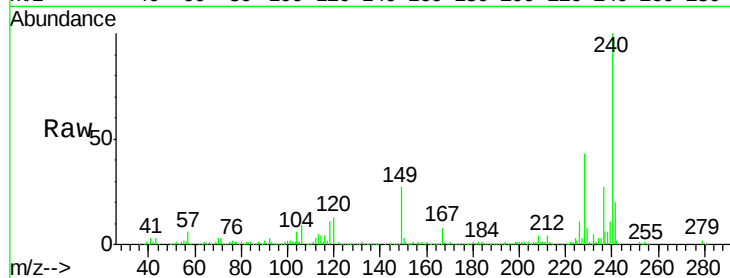
Tot Ion:240 Resp: 434094

Ion Ratio Lower Upper

240 100

120 13.3 11.2 16.8

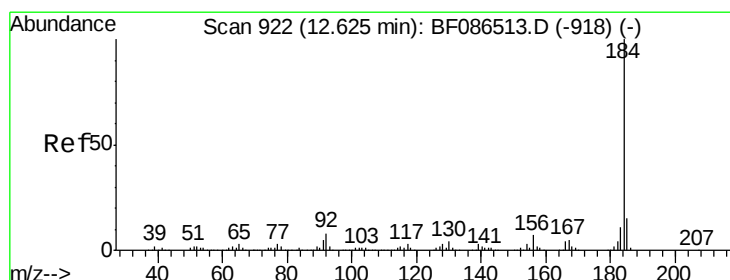
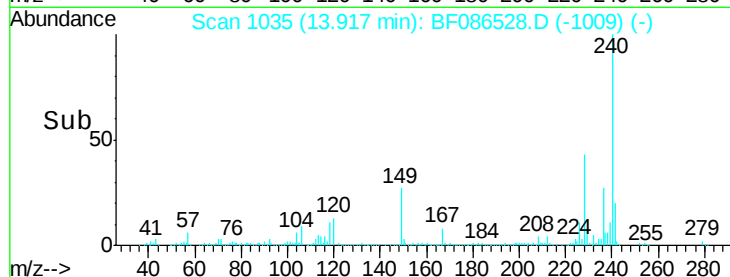
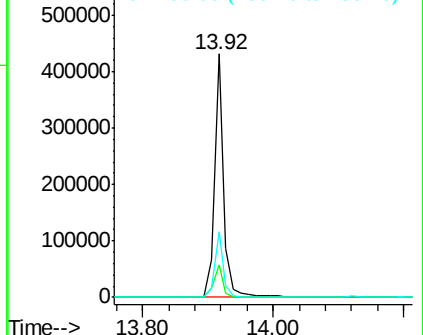
236 26.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.09 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

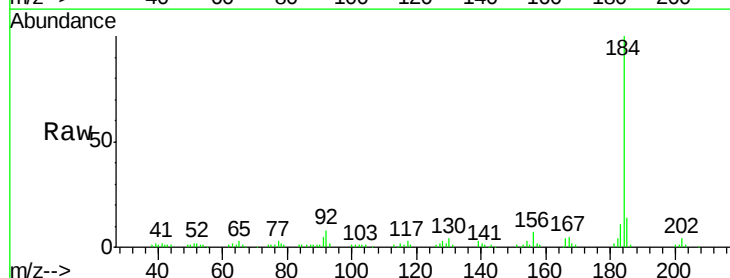
Tgt Ion:184 Resp: 195253

Ion Ratio Lower Upper

184 100

185 13.8 13.6 20.4

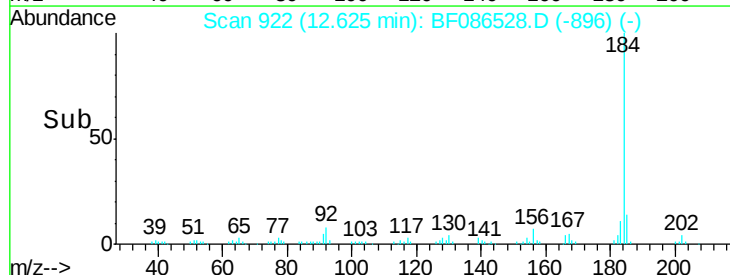
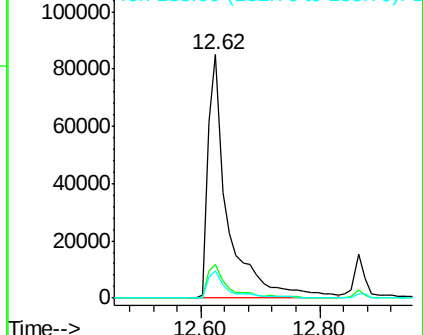
183 11.2 9.8 14.6

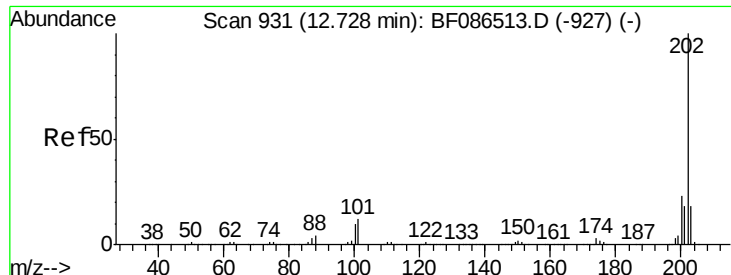


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

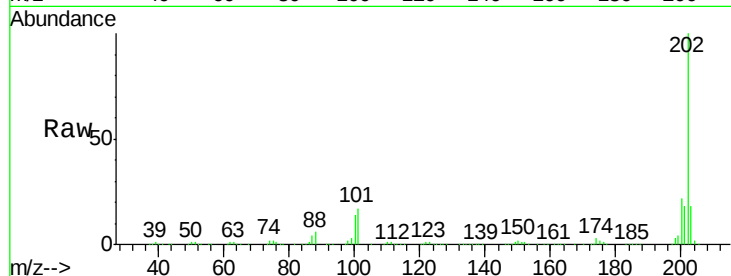




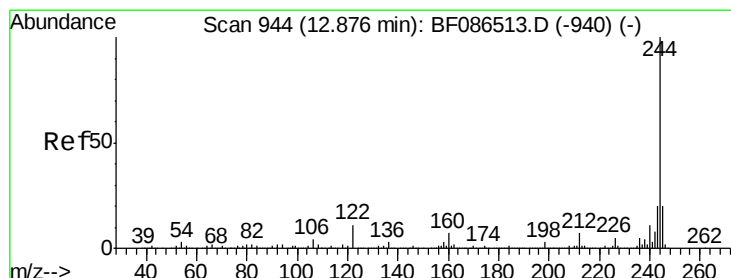
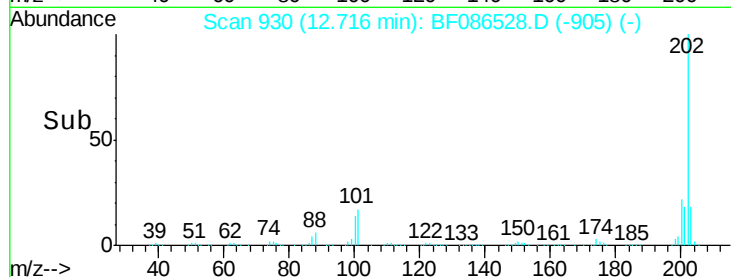
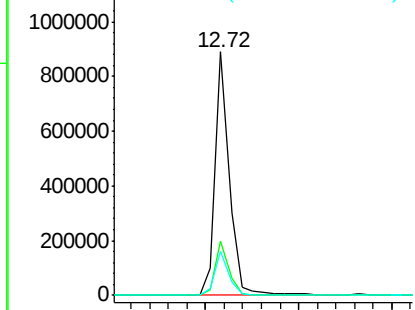
#77
 Pvrene
 Concen: 29.80 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 932023
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.7 26.5
 203 18.1 14.2 21.4

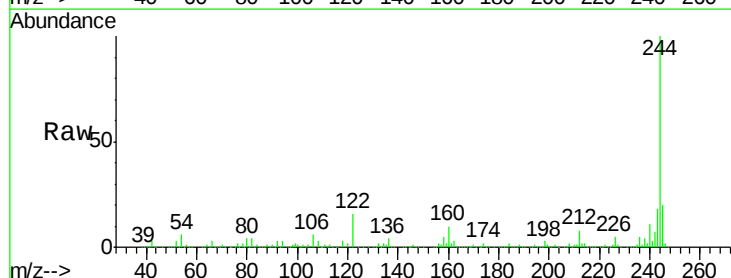


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

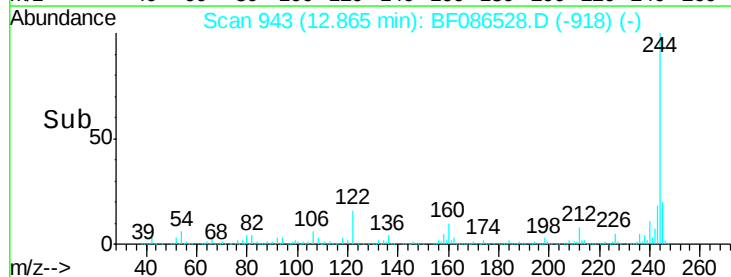
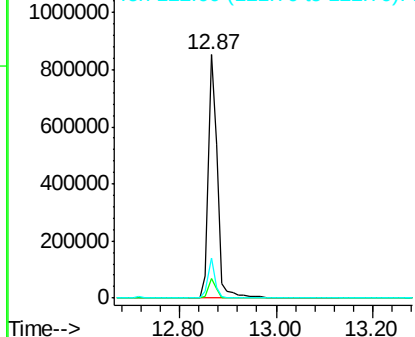


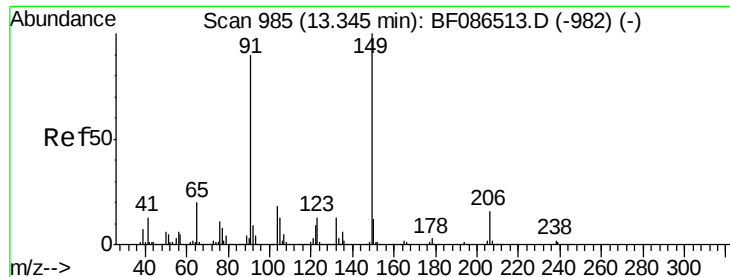
#78
 Terphenyl-d14
 Concen: 56.62 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:244 Resp: 1115654
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 16.3 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: 30.77 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

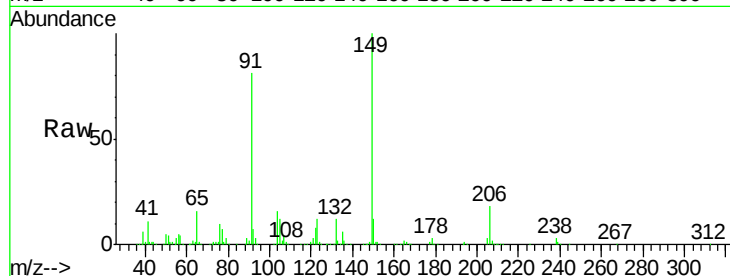
Tot Ion:149 Resp: 416799

Ion Ratio Lower Upper

149 100

91 80.7 48.0 72.0#

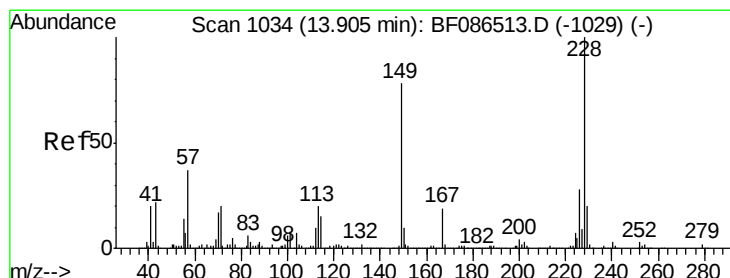
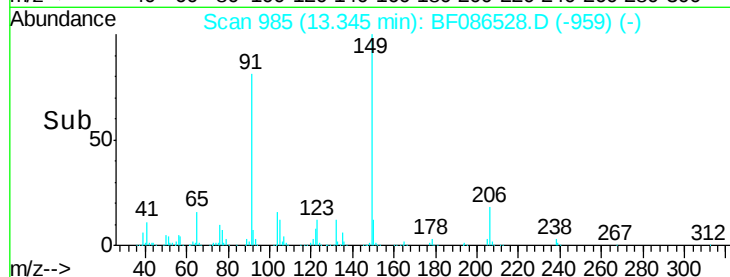
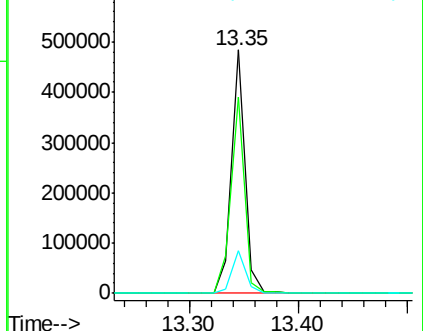
206 17.7 15.8 23.6



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: 32.53 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

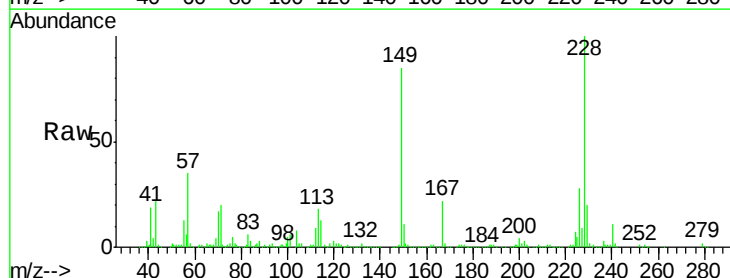
Tgt Ion:228 Resp: 752949

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

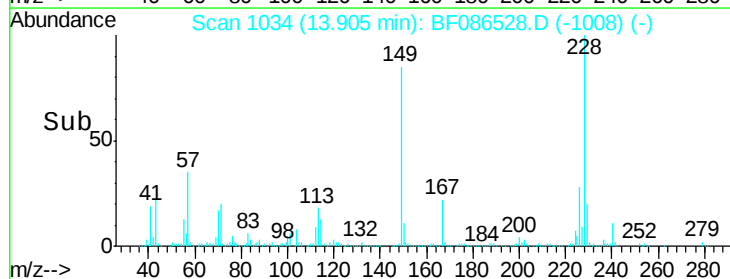
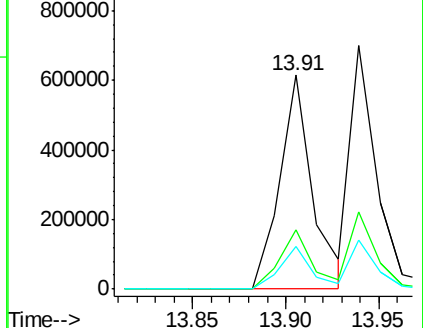
229 20.1 16.6 25.0

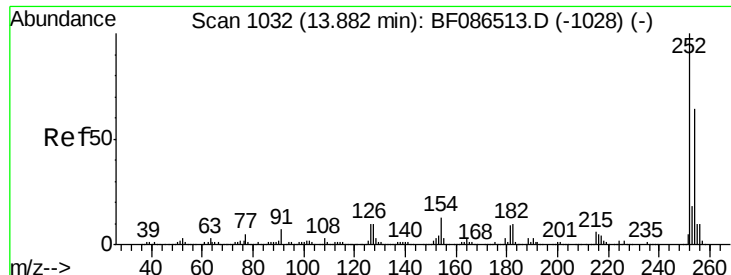


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

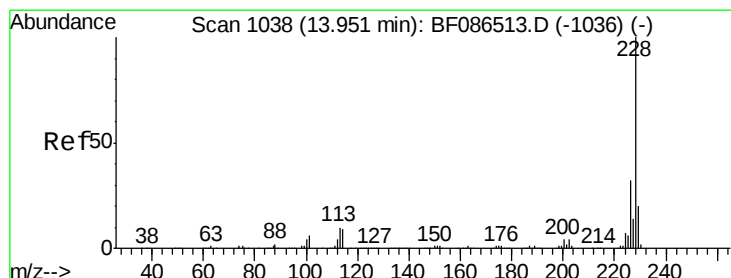
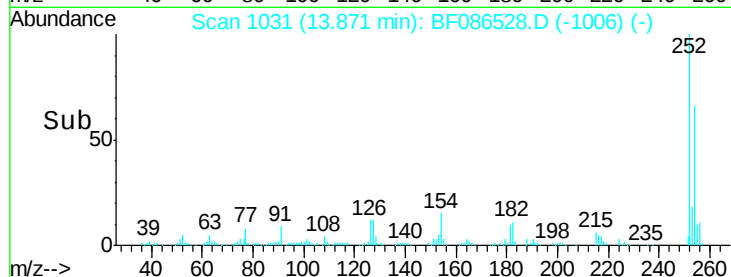
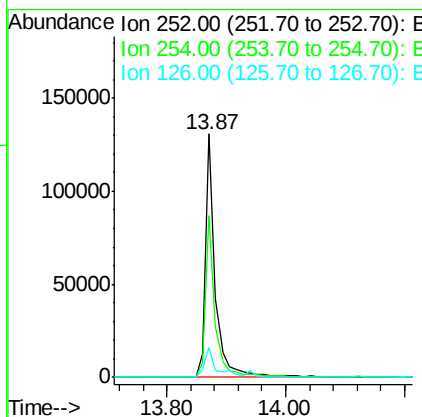
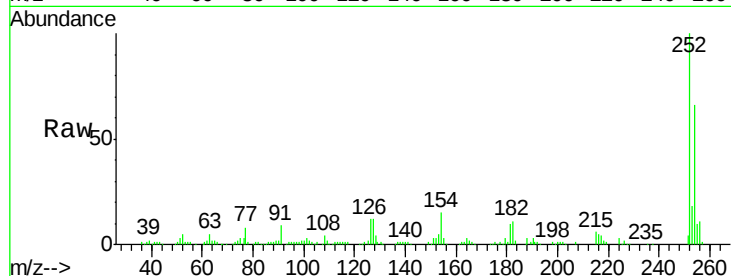




#81
 3,3'-Dichlorobenzidine
 Concen: 9.93 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

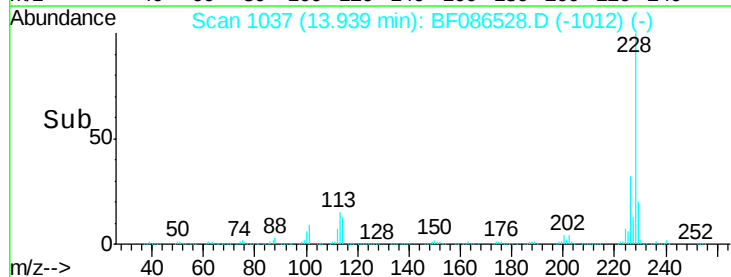
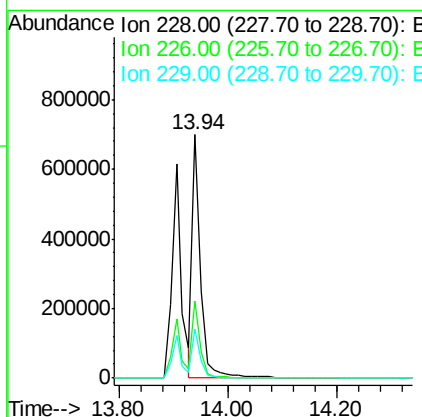
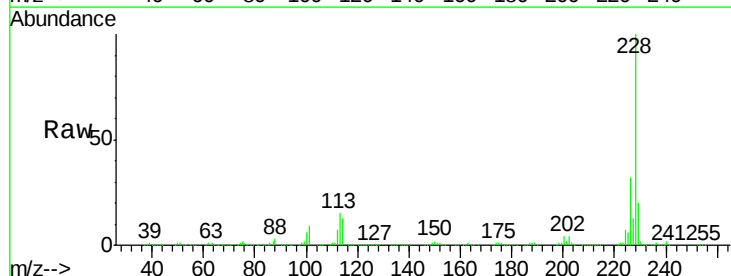
Instrument :
 BNA_F
 ClientSampleId :

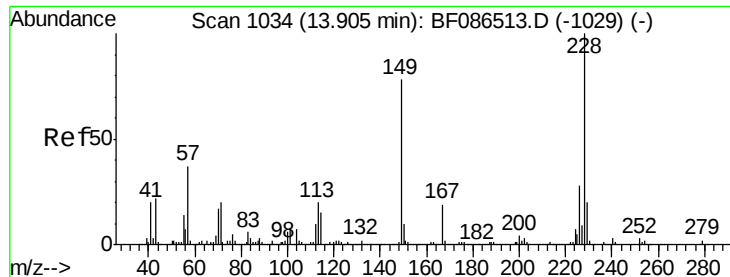
Tot Ion:252 Resp: 153684
 Ion Ratio Lower Upper
 252 100
 254 66.3 50.7 76.1
 126 12.4 12.7 19.1#



#82
 Chrysene
 Concen: 29.51 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:228 Resp: 742369
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.4 36.6
 229 20.1 15.8 23.8

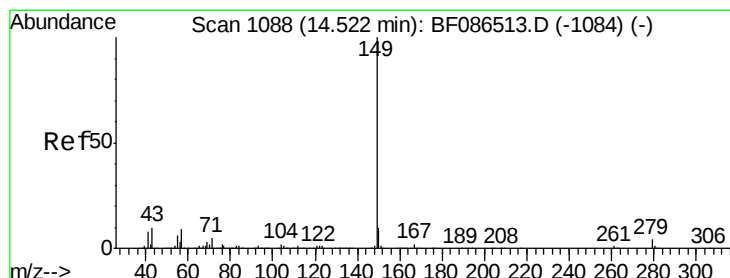
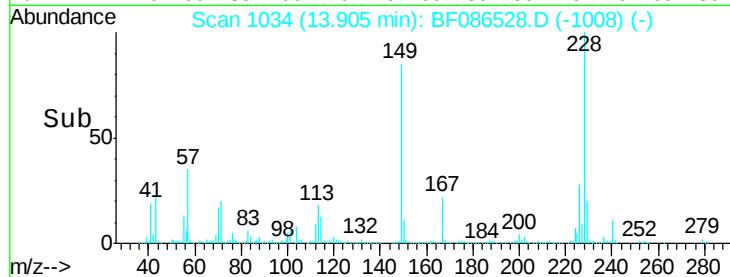
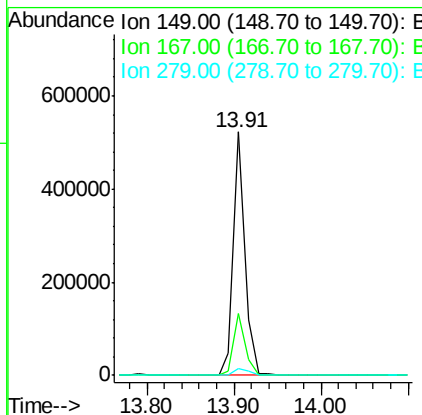
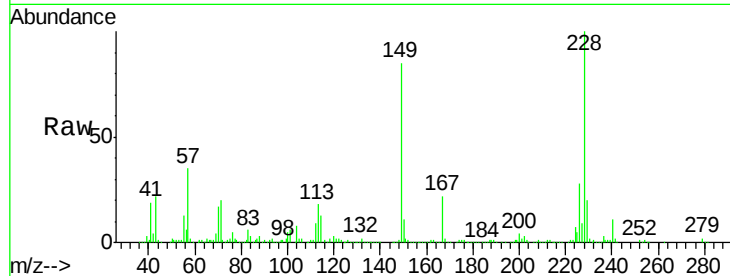




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.67 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

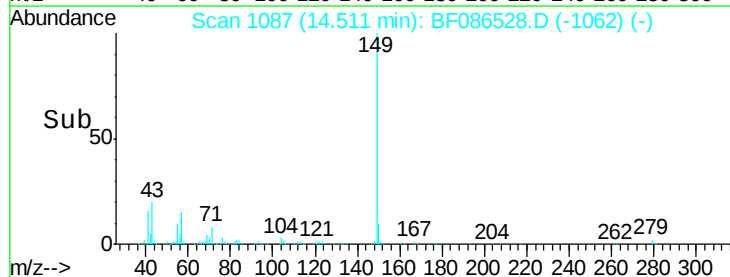
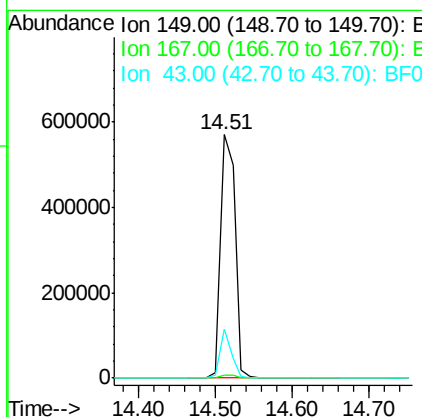
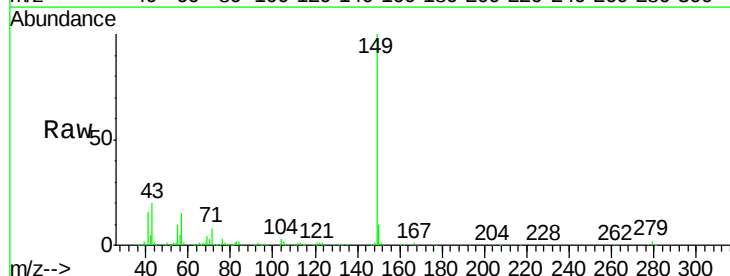
Instrument :
 BNA_F
 ClientSampleId :

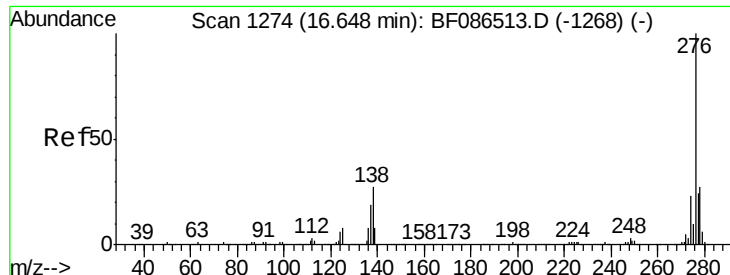
Tot Ion:149 Resp: 482040
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 2.6 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 29.01 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:149 Resp: 764044
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.1 8.2 12.4#

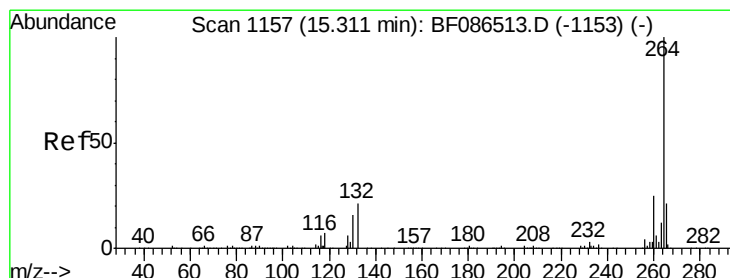
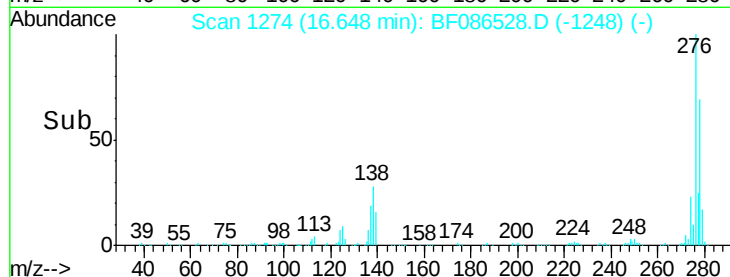
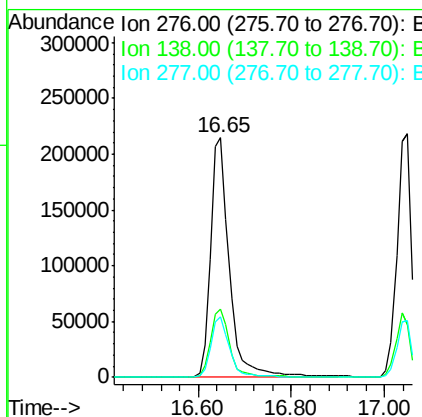
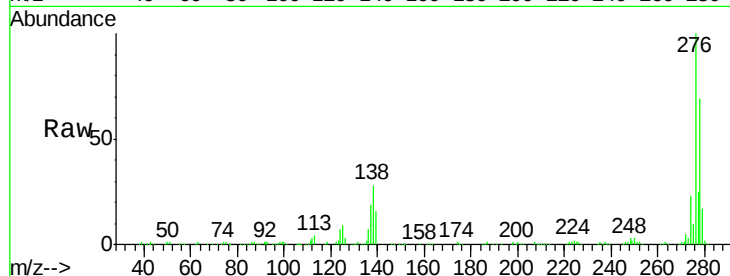




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.50 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

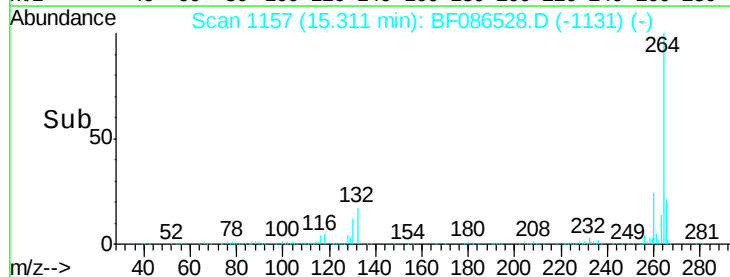
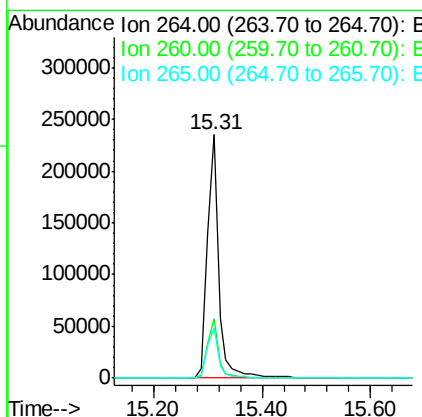
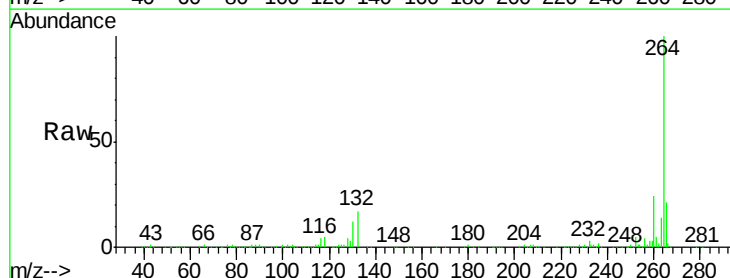
Instrument :
 BNA_F
 ClientSampleId :

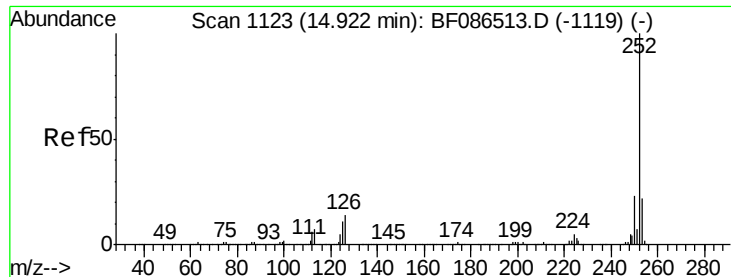
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.6	38.4
277	25.3	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 67.09 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

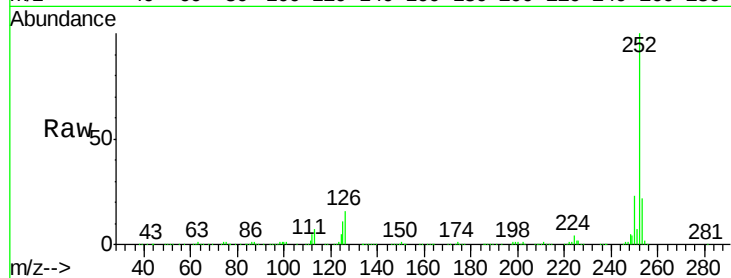
Tot Ion:252 Resp: 1357068

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

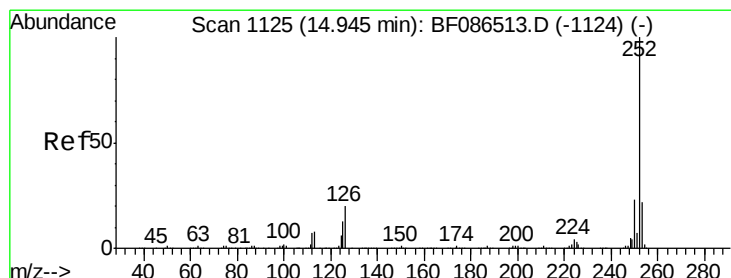
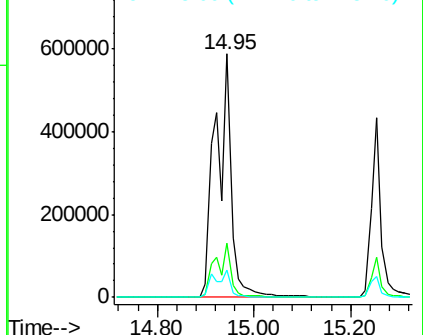
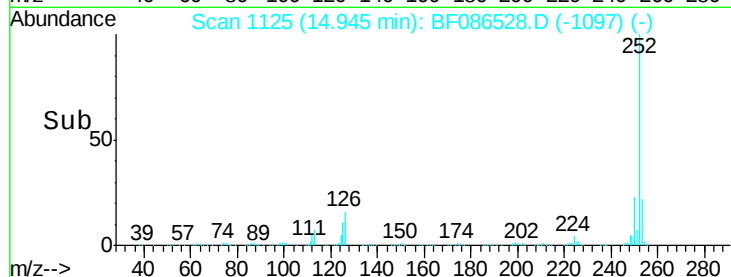
125 11.0 11.4 17.0#



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: 64.41 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

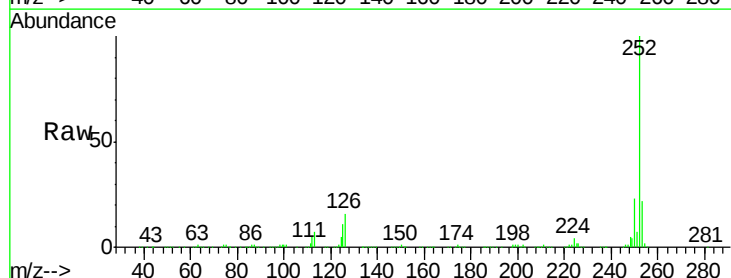
Tgt Ion:252 Resp: 1358944

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

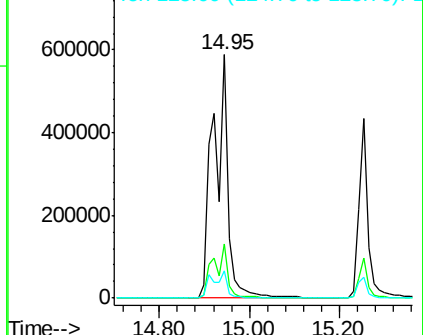
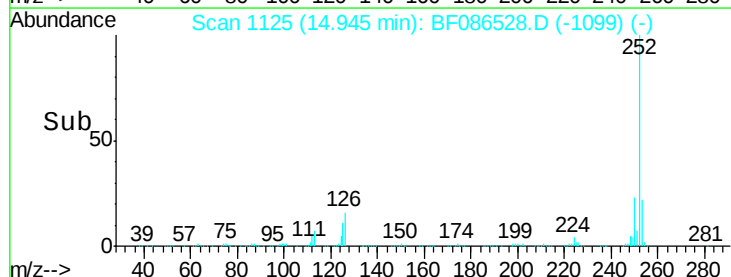
125 11.0 9.1 13.7

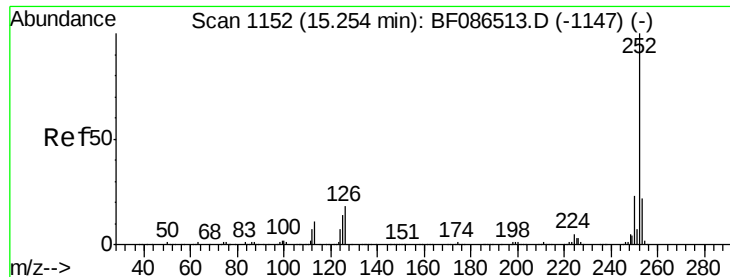


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.95 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

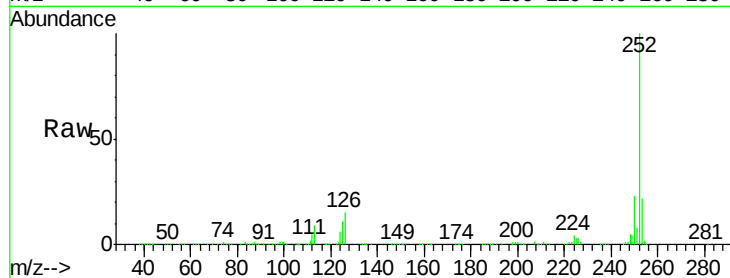
Tot Ion:252 Resp: 610078

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

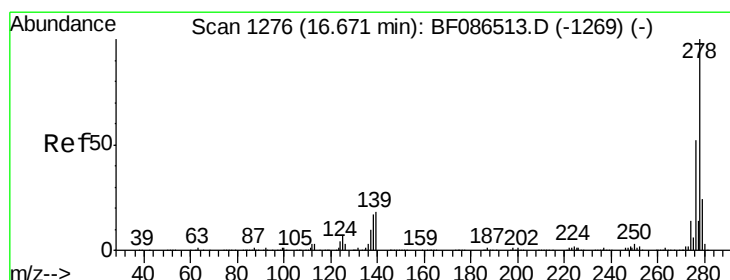
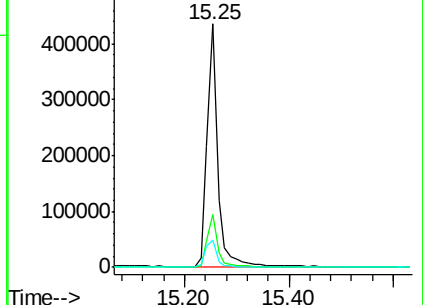
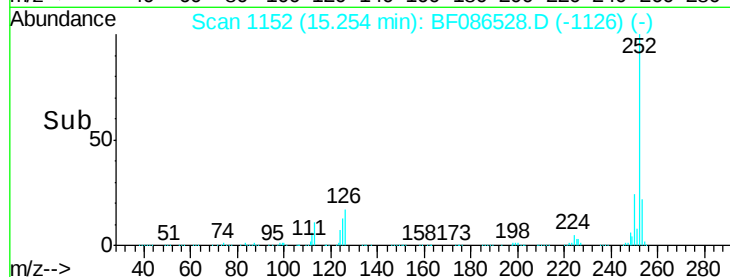
125 11.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.80 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

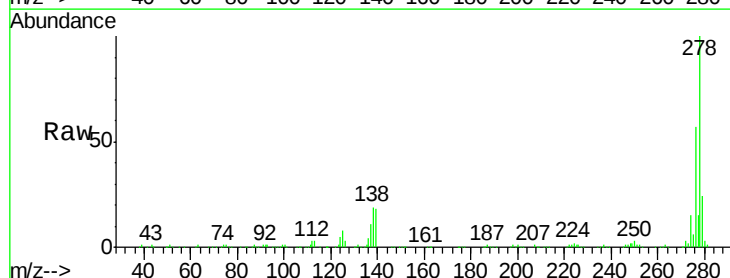
Tgt Ion:278 Resp: 512606

Ion Ratio Lower Upper

278 100

139 18.4 16.6 24.8

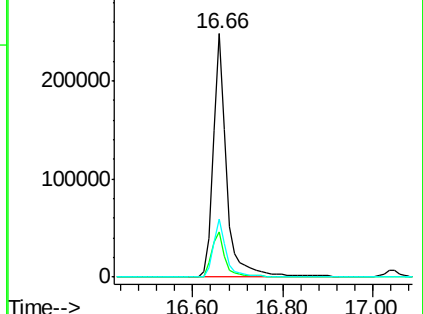
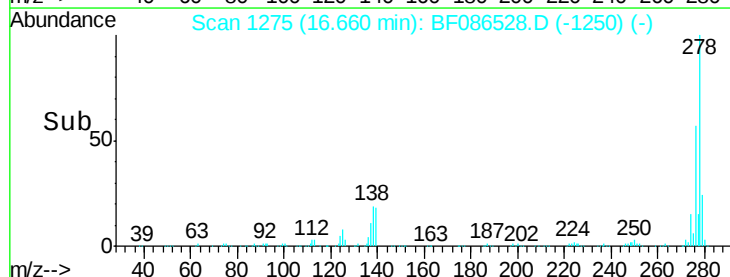
279 23.7 19.6 29.4

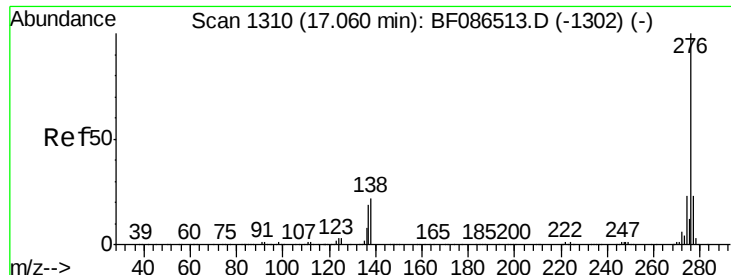


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 32.62 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	21.9	23.6	35.4

