

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086532.D
 Acq On : 30 Apr 2016 19:14
 Operator : UM/SJ
 Sample : PB90035BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:24:03 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	130742	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	578981	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	275657	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	548091	20.00	ng	0.00
75) Chrysene-d12	13.92	240	406695	20.00	ng	0.00
86) Perylene-d12	15.31	264	319846	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1015738	134.01	ng	0.01
7) Phenol-d6	6.41	99	1299340	122.82	ng	0.00
23) Nitrobenzene-d5	7.33	82	832859	77.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	366567	126.10	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1459848	95.00	ng	0.00
78) Terphenyl-d14	12.88	244	1417121	76.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	139232	34.97	ng	# 79
3) Pyridine	3.06	79	400338	42.48	ng	# 69
4) n-Nitrosodimethylamine	3.01	42	244914	45.60	ng	# 61
6) Aniline	6.43	93	350935	27.41	ng	# 87
8) 2-Chlorophenol	6.56	128	383824	40.66	ng	95
9) Benzaldehyde	6.30	77	66103	10.74	ng	96
10) Phenol	6.42	94	431434	36.55	ng	# 63
11) bis(2-Chloroethyl)ether	6.51	93	439459	43.07	ng	96
12) 1,3-Dichlorobenzene	6.78	146	403401	39.73	ng	97
13) 1,4-Dichlorobenzene	6.78	146	410894	39.22	ng	97
14) 1,2-Dichlorobenzene	6.93	146	375857	39.12	ng	95
15) Benzyl Alcohol	6.91	79	317841	47.49	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	788923	38.63	ng	90
17) 2-Methylphenol	7.04	107	339227	44.46	ng	94
18) Hexachloroethane	7.28	117	147933	37.78	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	281949	40.32	ng	# 70
20) 3+4-Methylphenols	7.18	107	383024	43.96	ng	99
22) Acetophenone	7.18	105	542061	42.70	ng	# 89
24) Nitrobenzene	7.36	77	455168	41.19	ng	92
25) Isophorone	7.60	82	814352	39.39	ng	98
26) 2-Nitrophenol	7.68	139	206757	40.64	ng	94
27) 2,4-Dimethylphenol	7.72	122	367858	41.21	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	509020	45.20	ng	99
29) 2,4-Dichlorophenol	7.92	162	341779	45.38	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	335344	38.38	ng	97
31) Naphthalene	8.08	128	1171841	39.78	ng	99
32) Benzoic acid	7.85	122	176669	35.49	ng	89
33) 4-Chloroaniline	8.13	127	193471	17.54	ng	99
34) Hexachlorobutadiene	8.20	225	177396	36.22	ng	98
35) Caprolactam	8.50	113	75217	29.94	ng	# 70
36) 4-Chloro-3-methylphenol	8.61	107	369331	42.83	ng	90
37) 2-Methylnaphthalene	8.76	142	733694	42.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	297566	37.71	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	297781	75.94	ng	97

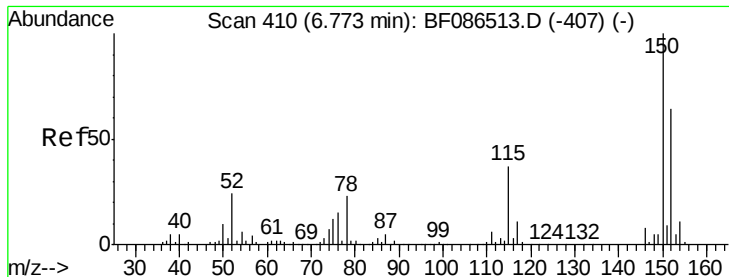
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	214607	43.03	nq	95
43) 2,4,5-Trichlorophenol	9.09	196	231996	42.68	nq	94
45) 1,1'-Biphenyl	9.23	154	898179	38.98	nq	97
46) 2-Chloronaphthalene	9.25	162	665705	38.00	nq	93
47) 2-Nitroaniline	9.36	65	273990	48.77	nq	93
48) Acenaphthylene	9.66	152	1052931	38.45	nq	99
49) Dimethylphthalate	9.54	163	861732	41.52	nq	100
50) 2,6-Dinitrotoluene	9.60	165	181497	42.33	nq	# 89
51) Acenaphthene	9.84	154	745228	42.37	nq	99
52) 3-Nitroaniline	9.77	138	121051	24.83	nq	97
53) 2,4-Dinitrophenol	9.87	184	167873	72.43	nq	# 76
54) Dibenzofuran	10.01	168	949745	43.20	nq	94
55) 4-Nitrophenol	9.94	139	295467	92.55	nq	82
56) 2,4-Dinitrotoluene	10.00	165	231127	42.29	nq	# 84
57) Fluorene	10.35	166	683032	35.78	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	203125	47.79	nq	97
59) Diethylphthalate	10.24	149	803555	40.90	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	349315	40.31	nq	# 86
61) 4-Nitroaniline	10.38	138	208809	43.81	nq	90
62) Azobenzene	10.51	77	972311	45.19	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	130227	40.47	nq	# 77
65) n-Nitrosodiphenylamine	10.46	169	654862	38.23	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	215588	38.17	nq	# 77
67) Hexachlorobenzene	10.90	284	241498	36.94	nq	# 80
68) Atrazine	11.00	200	239693	46.60	nq	95
69) Pentachlorophenol	11.09	266	248289	72.04	nq	97
70) Phenanthrene	11.31	178	1103201	38.36	nq	100
71) Anthracene	11.37	178	1244189	40.53	nq	99
72) Carbazole	11.52	167	1080087	39.70	nq	99
73) Di-n-butylphthalate	11.86	149	1260836	40.91	nq	99
74) Fluoranthene	12.49	202	1194120	41.13	nq	98
76) Benzidine	12.63	184	355219	25.42	nq	95
77) Pyrene	12.72	202	1139116	38.87	nq	99
79) Butylbenzylphthalate	13.35	149	491703	38.74	nq	# 74
80) Benzo(a)anthracene	13.91	228	893057	41.19	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	180917	12.48	nq	98
82) Chrysene	13.94	228	884852	37.54	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	554997	35.23	nq	# 96
84) Di-n-octyl phthalate	14.51	149	901324	36.53	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	787907	45.12	nq	97
87) Benzo(b)fluoranthene	14.95	252	1602750	85.18	nq	# 97
88) Benzo(k)fluoranthene	14.95	252	1603709	81.71	nq	100
89) Benzo(a)pyrene	15.25	252	738255	41.56	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	655896	45.12	nq	98
91) Benzo(g,h,i)perylene	17.05	276	669214	45.93	nq	95

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

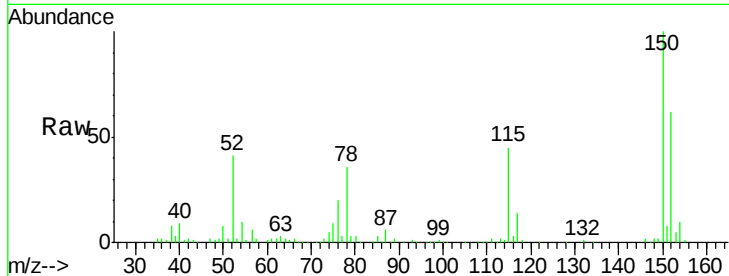


#1

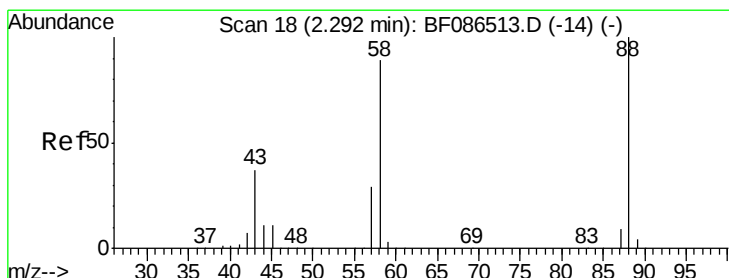
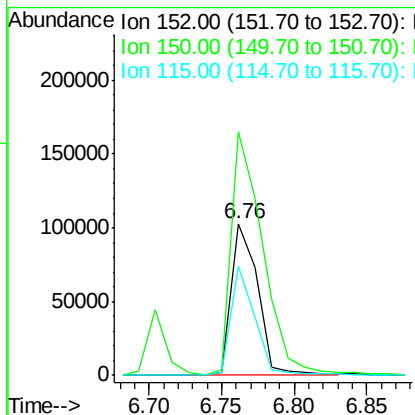
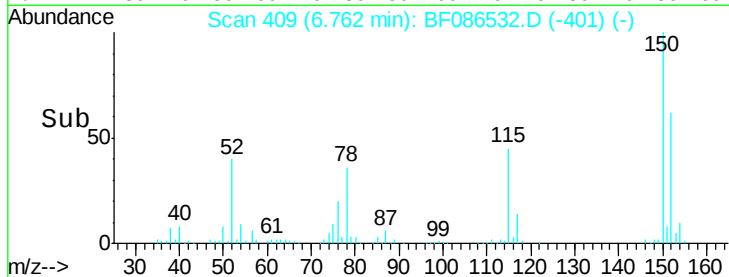
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	125.8	188.6
115	71.7	51.5	77.3



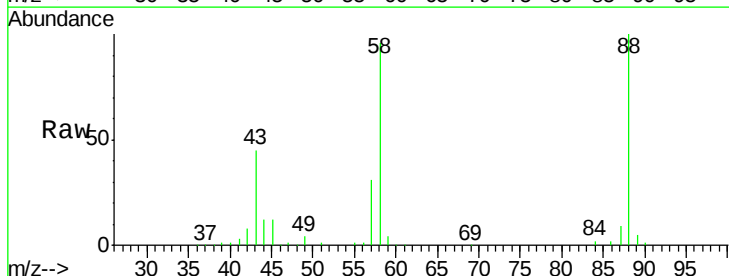
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



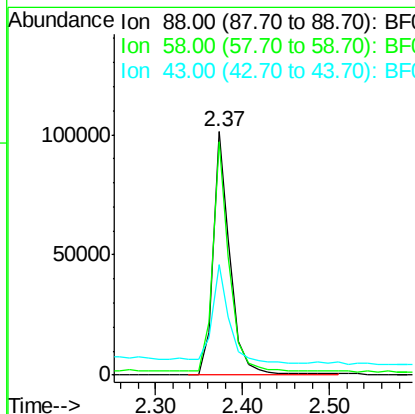
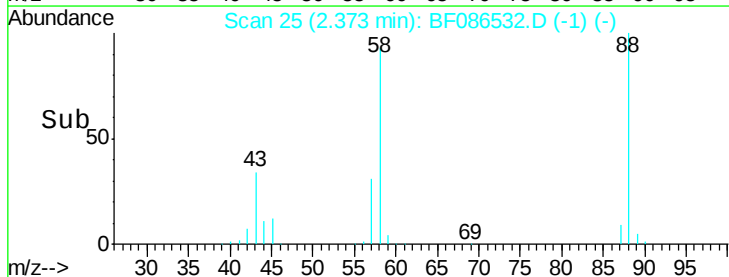
#2

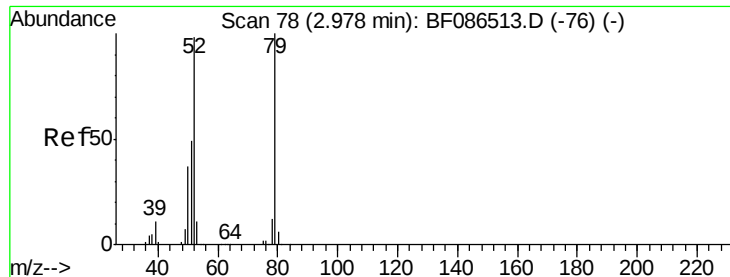
1,4-Dioxane
Concen: 34.97 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.3	59.6	89.4#
43	39.5	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: 42.48 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

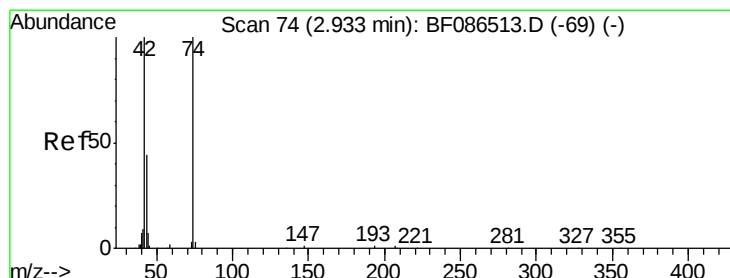
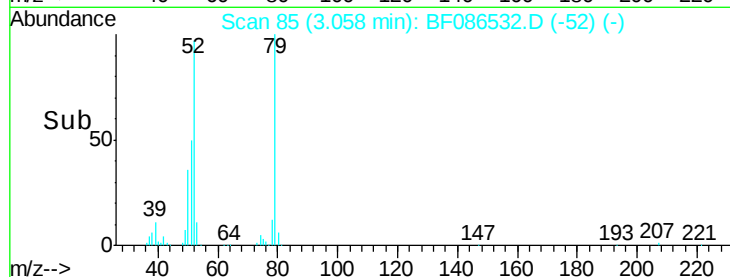
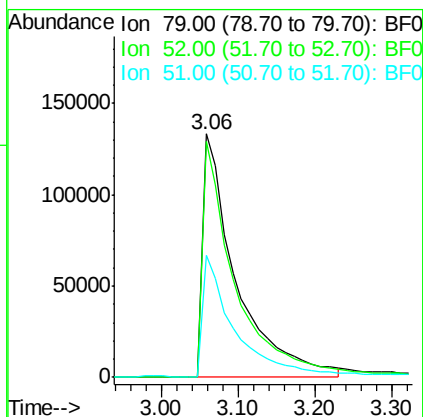
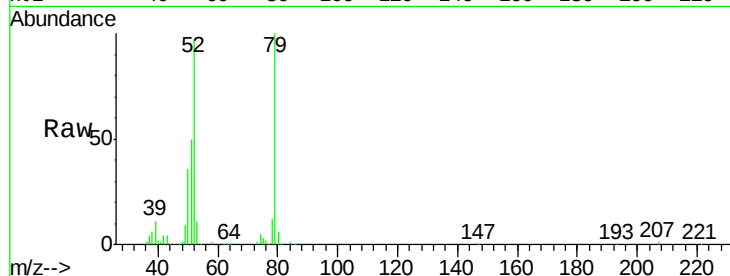
Tot Ion: 79 Resp: 400338

Ion Ratio Lower Upper

79 100

52 97.0 55.9 83.9#

51 50.1 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 45.60 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

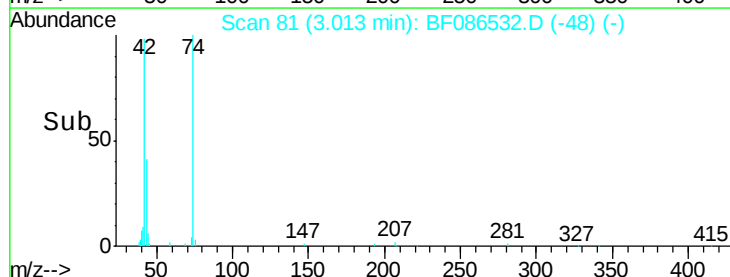
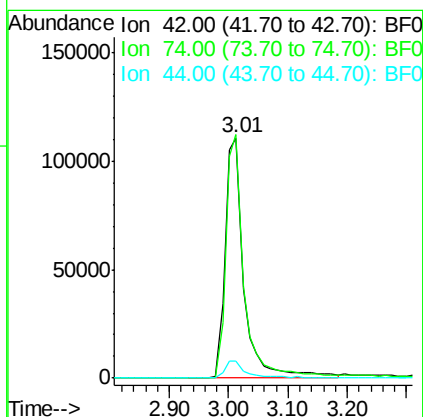
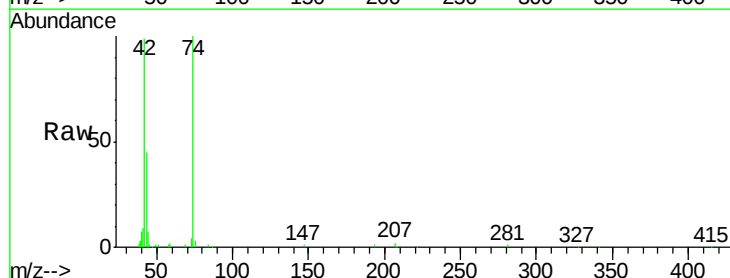
Tgt Ion: 42 Resp: 244914

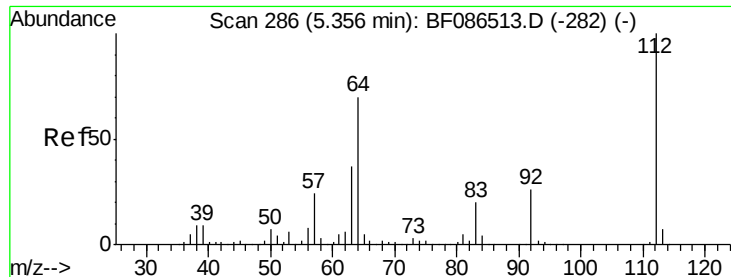
Ion Ratio Lower Upper

42 100

74 101.3 123.4 185.0#

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 134.01 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

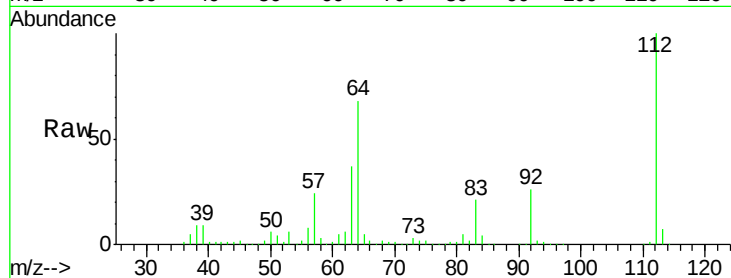
Tot Ion:112 Resp: 1015738

Ion Ratio Lower Upper

112 100

64 68.3 52.1 78.1

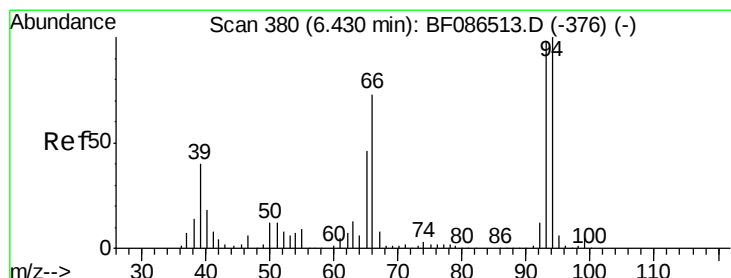
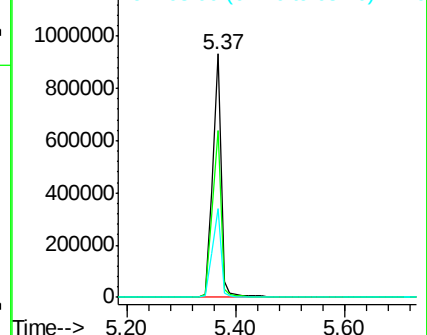
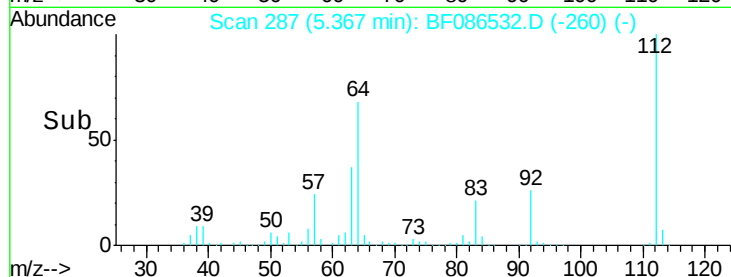
63 36.5 25.7 38.5



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: 27.41 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

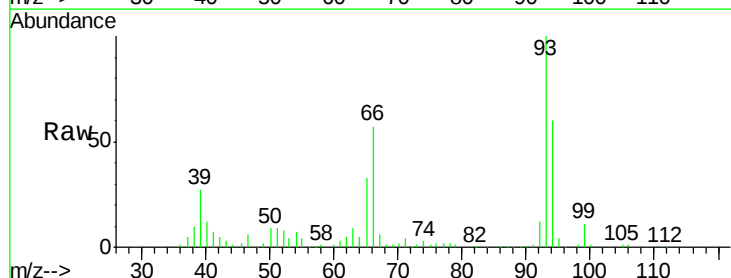
Tgt Ion: 93 Resp: 350935

Ion Ratio Lower Upper

93 100

66 56.9 39.0 58.6

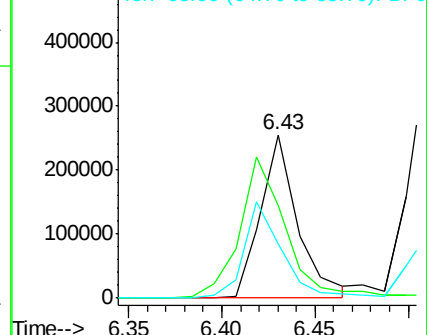
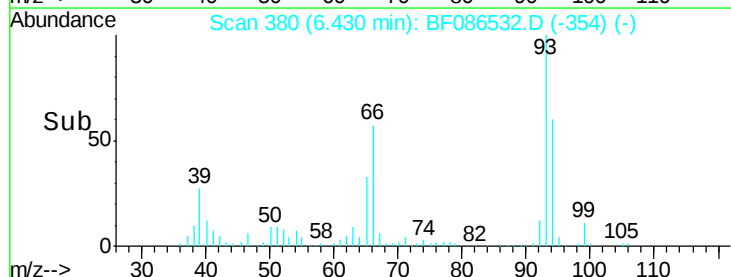
65 33.3 20.6 31.0#

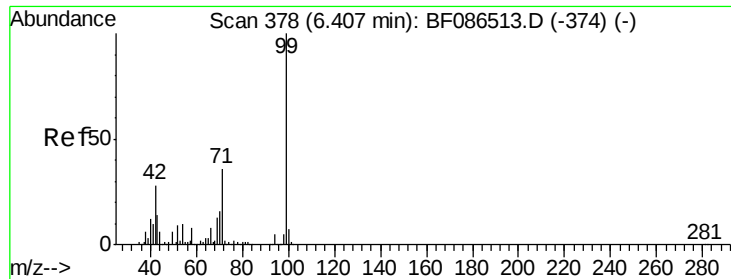


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.82 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

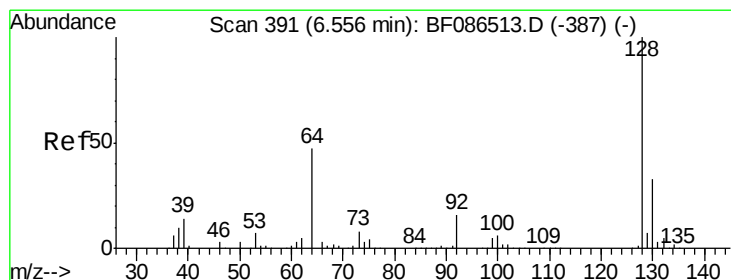
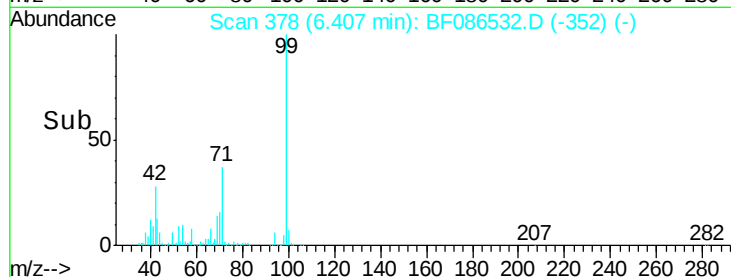
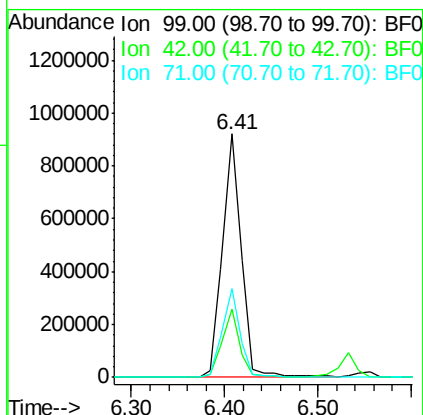
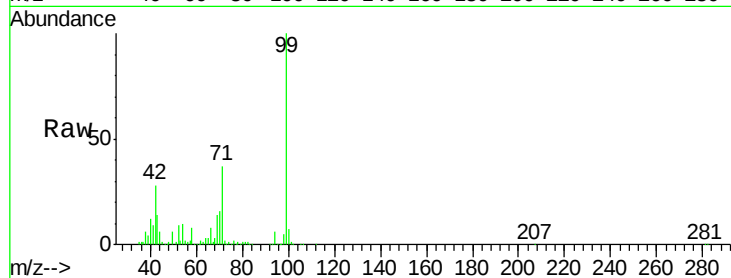
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1299340

Ion	Ratio	Lower	Upper
99	100		
42	27.8	13.6	20.4#
71	36.7	24.6	36.8



#8

2-Chlorophenol

Concen: 40.66 ng

RT: 6.56 min Scan# 391

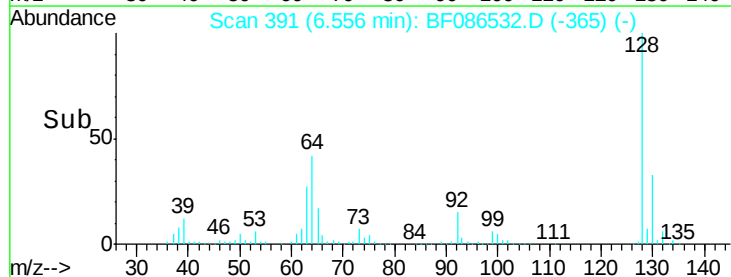
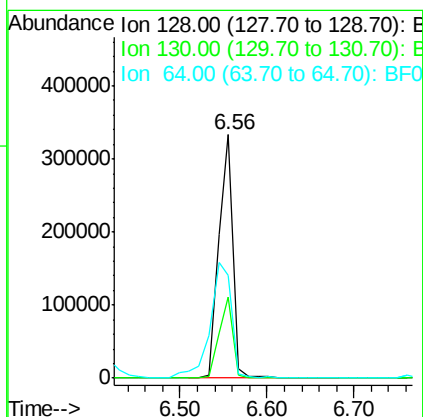
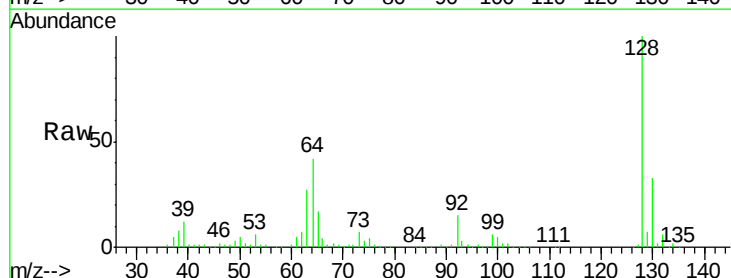
Delta R.T. 0.00 min

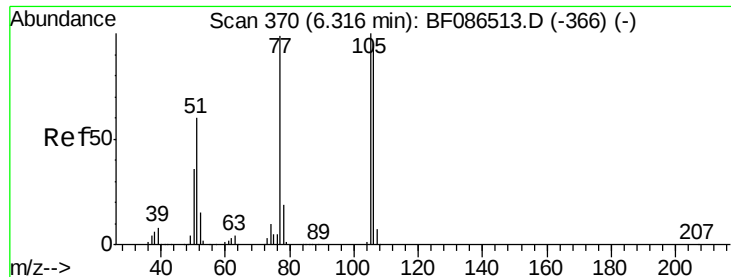
Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion: 128 Resp: 383824

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	42.2	27.3	67.3





#9

Benzaldehyde

Concen: 10.74 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

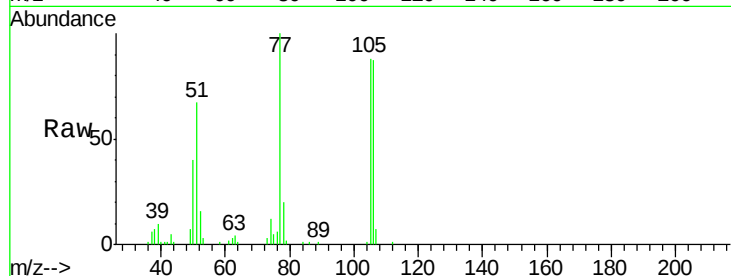
Tot Ion: 77 Resp: 66103

Ion Ratio Lower Upper

77 100

105 88.4 72.7 112.7

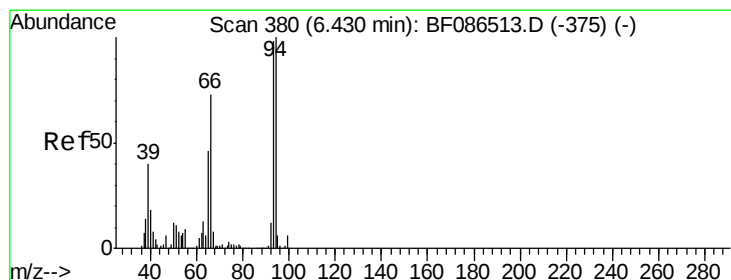
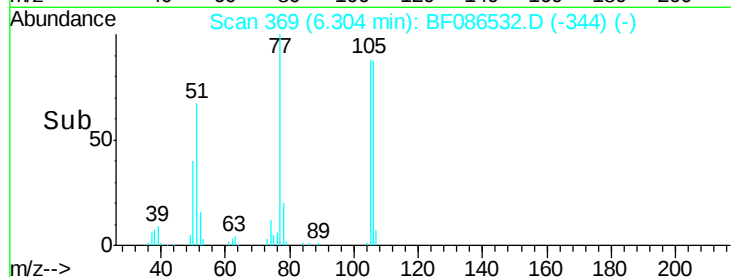
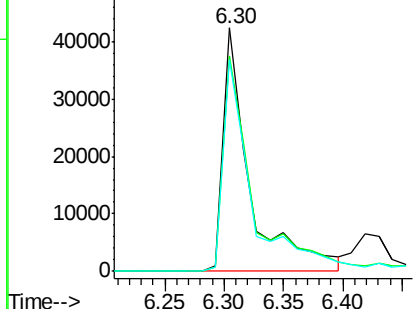
106 87.1 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.55 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

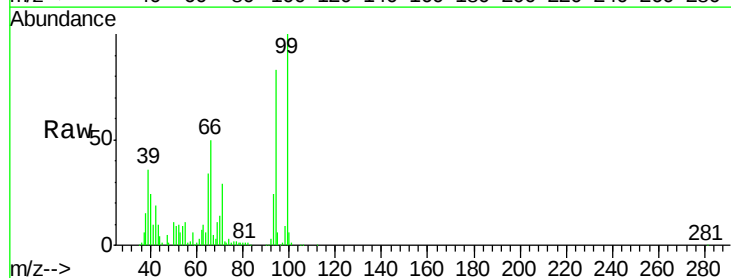
Tgt Ion: 94 Resp: 431434

Ion Ratio Lower Upper

94 100

65 41.4 7.2 47.2

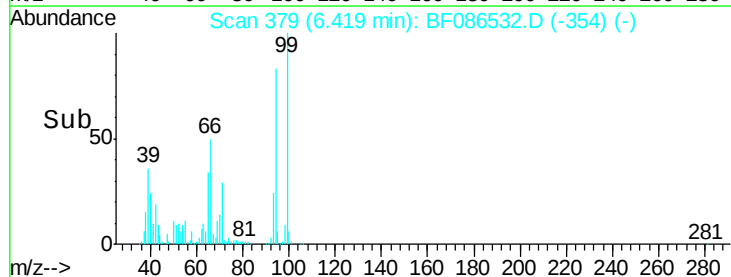
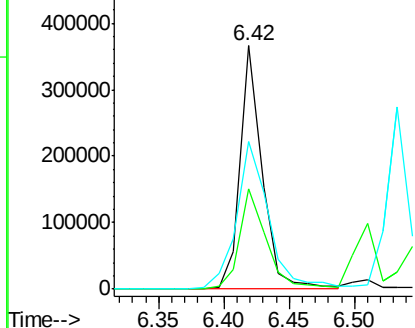
66 60.5 14.9 54.9#

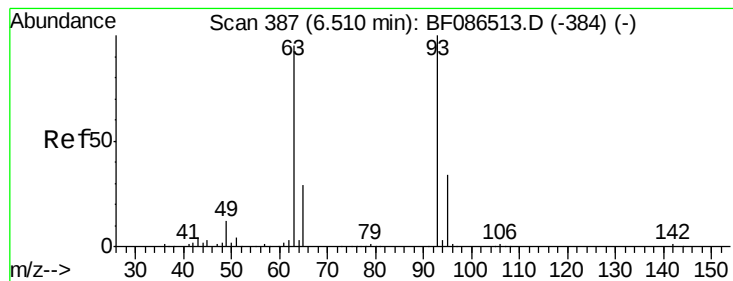


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

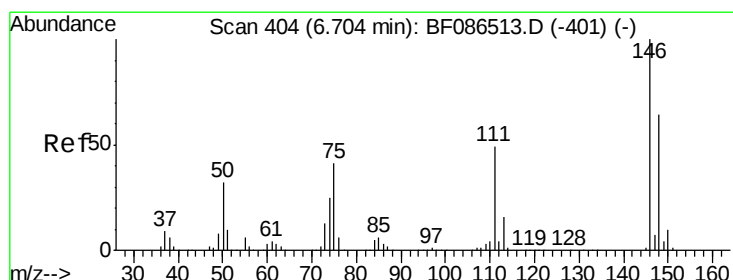
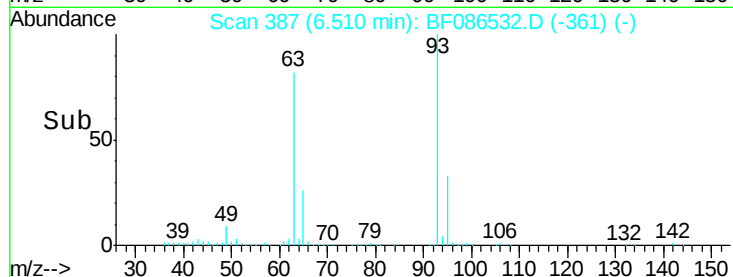
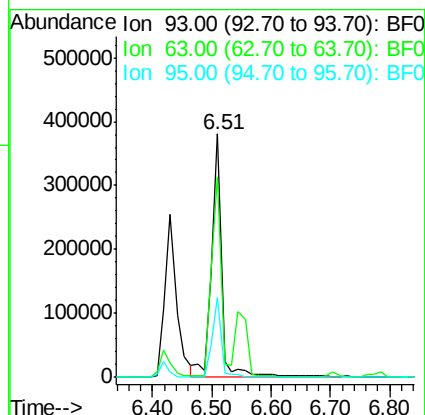
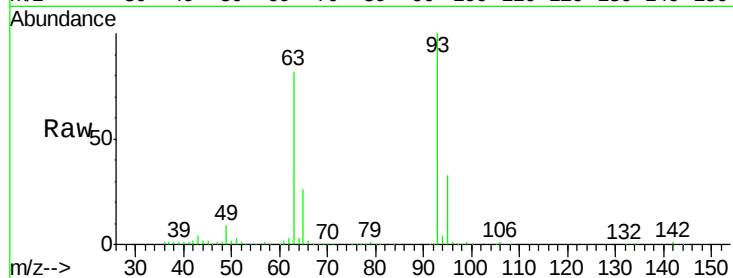




#11
 bis(2-Chloroethyl)ether
 Concen: 43.07 ng
 RT: 6.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

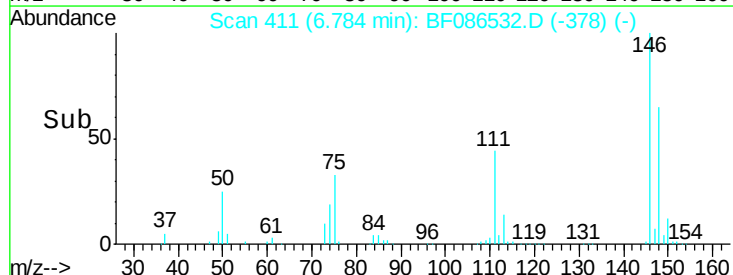
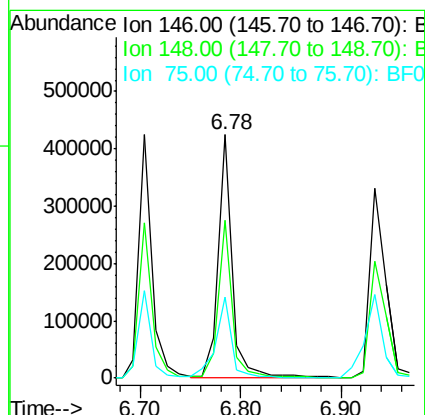
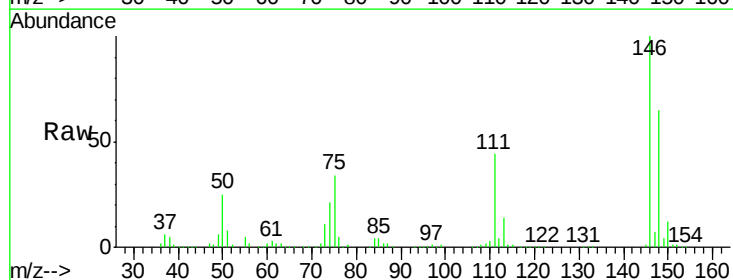
Instrument :
 BNA_F
 ClientSampleId :

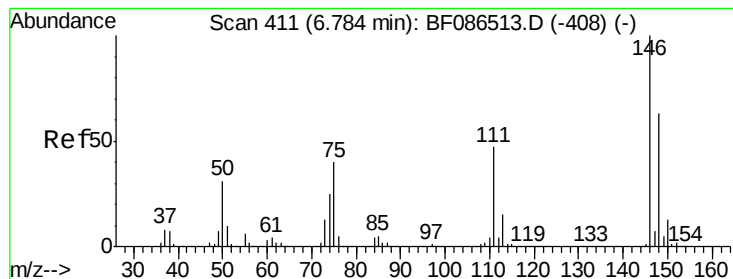
Tot Ion: 93 Resp: 439459
 Ion Ratio Lower Upper
 93 100
 63 82.4 58.0 98.0
 95 32.5 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 39.73 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.08 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion: 146 Resp: 403401
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.4 78.6
 75 33.5 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 39.22 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

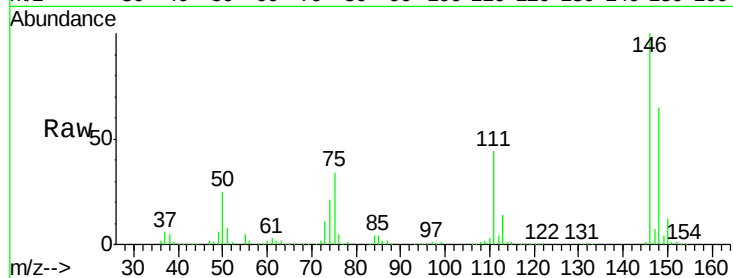
Tot Ion:146 Resp: 410894

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.4

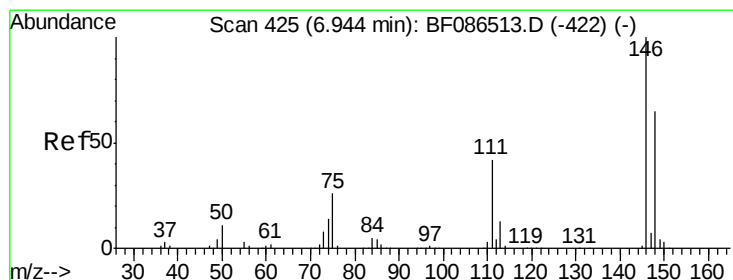
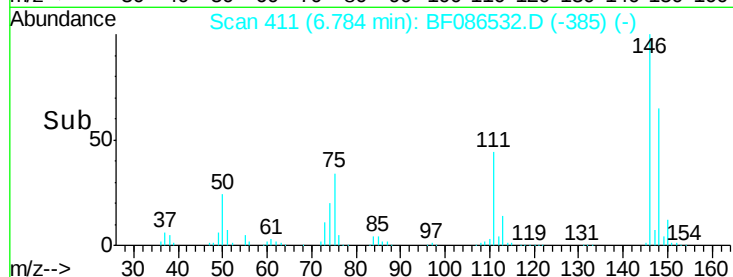
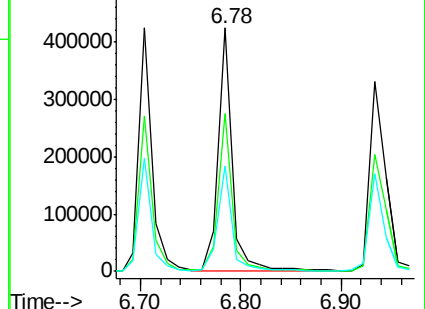
111 43.5 30.7 46.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.12 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

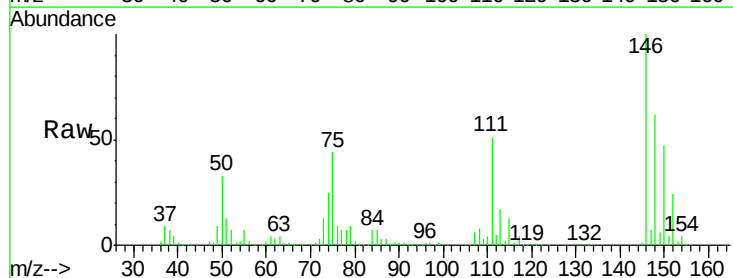
Tgt Ion:146 Resp: 375857

Ion Ratio Lower Upper

146 100

148 61.7 51.0 76.6

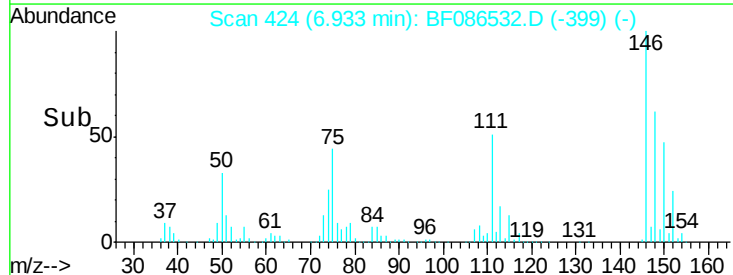
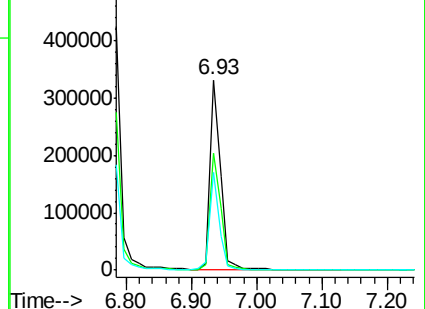
111 51.0 36.2 54.4

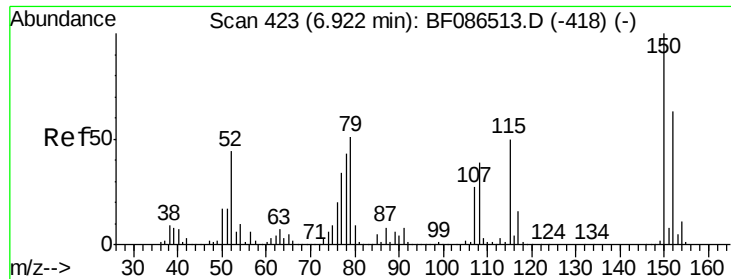


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

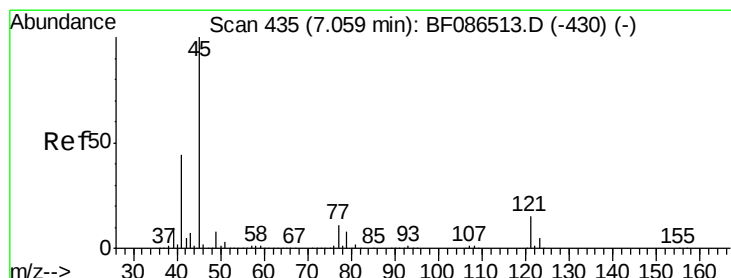
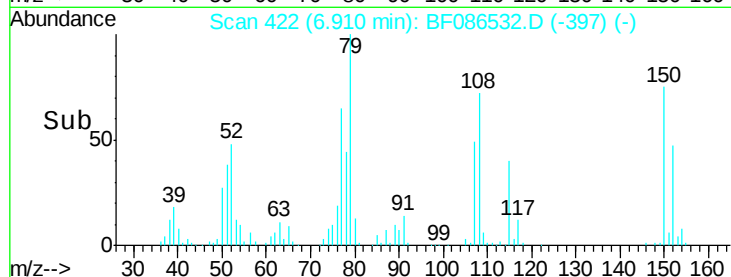
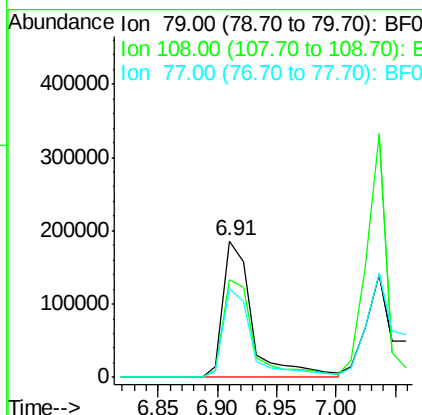
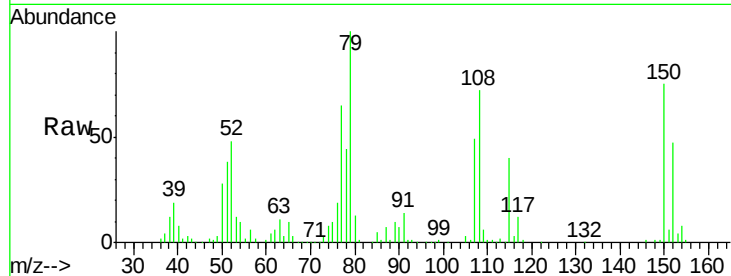




#15
Benzyl Alcohol
Concen: 47.49 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

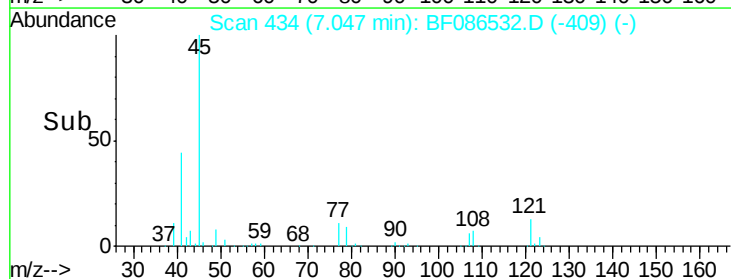
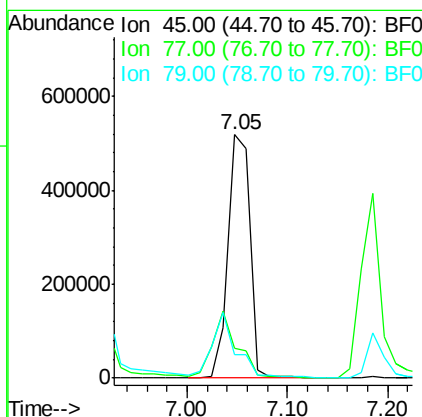
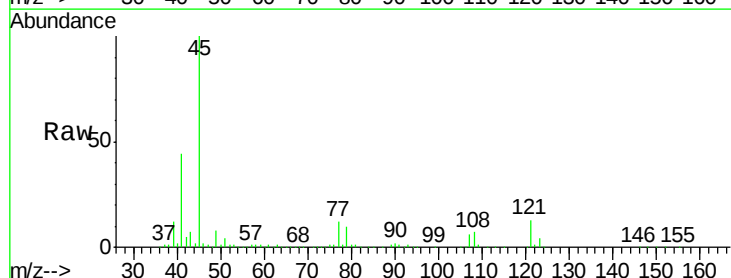
Instrument :
BNA_F
ClientSampled :

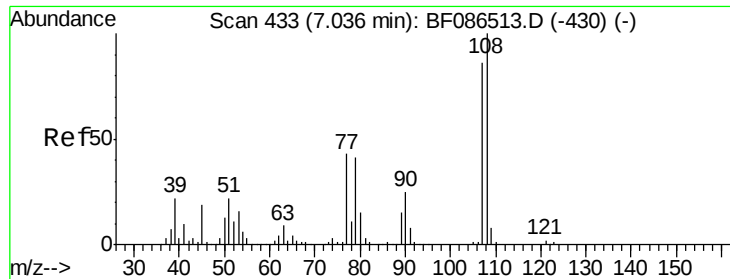
Tot Ion: 79 Resp: 317841
Ion Ratio Lower Upper
79 100
108 71.7 68.4 102.6
77 65.2 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.63 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion: 45 Resp: 788923
Ion Ratio Lower Upper
45 100
77 12.2 0.0 36.4
79 9.6 0.0 33.4





#17

2-Methylphenol

Concen: 44.46 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 339227

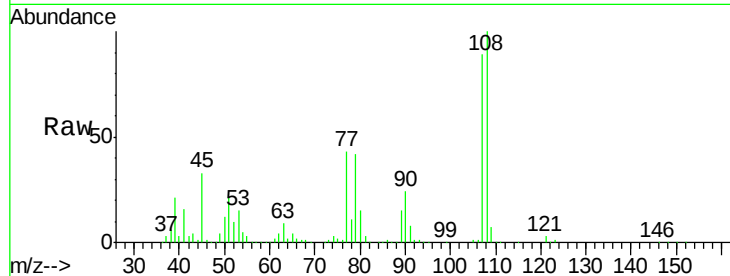
Ion Ratio Lower Upper

107 100

108 112.9 93.7 140.5

77 48.4 33.4 50.0

79 47.5 34.3 51.5

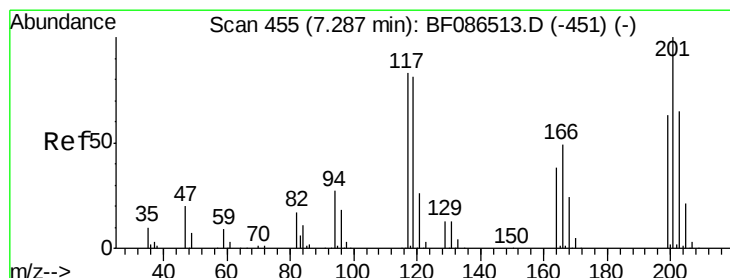
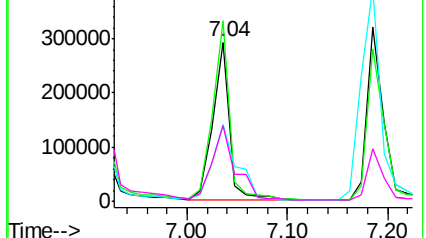
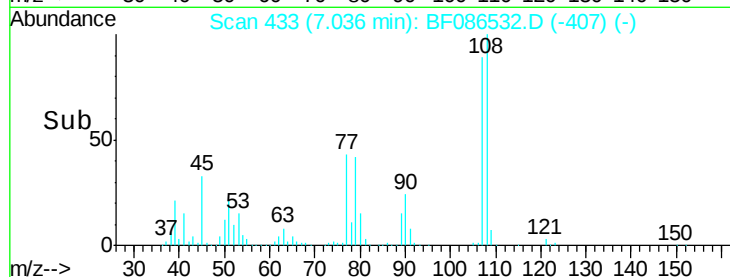


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.78 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

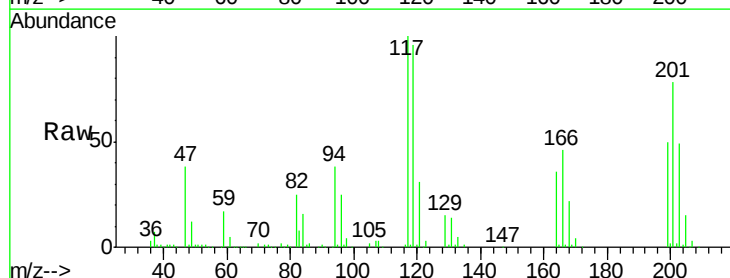
Tgt Ion:117 Resp: 147933

Ion Ratio Lower Upper

117 100

119 96.3 76.5 114.7

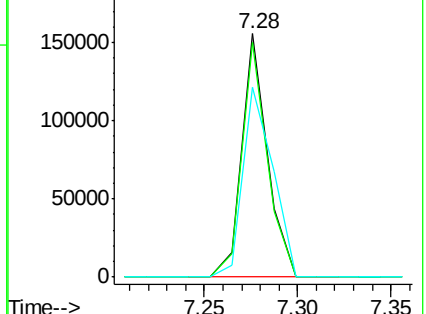
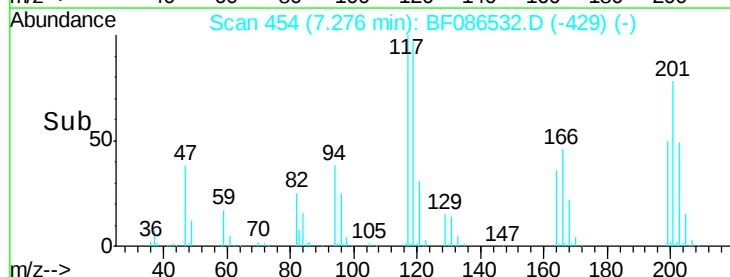
201 78.2 63.0 94.6

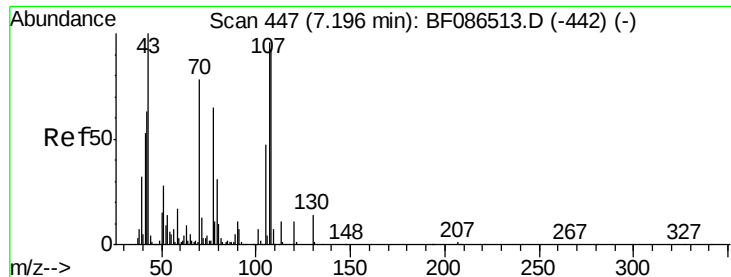


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

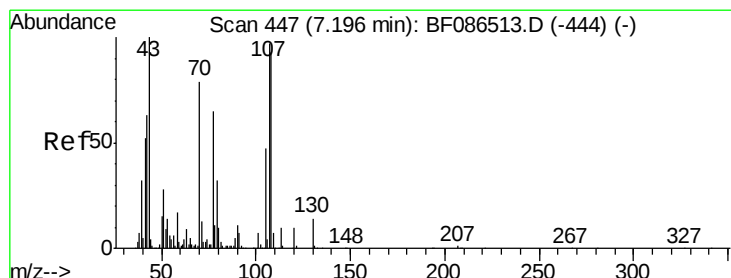
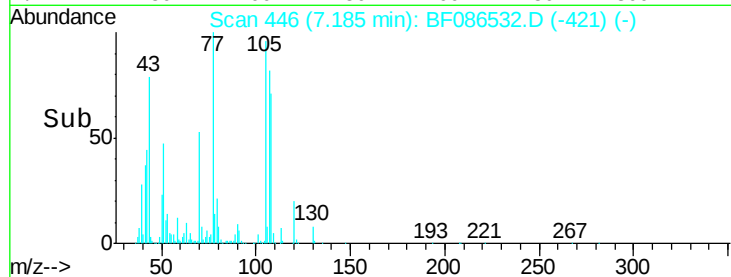
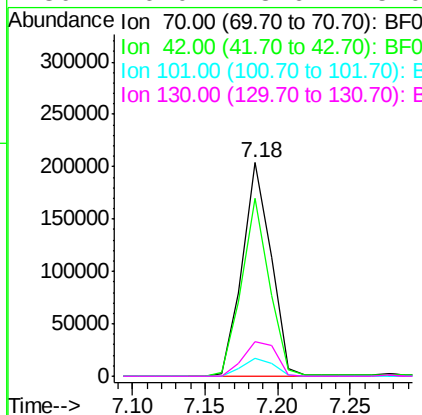
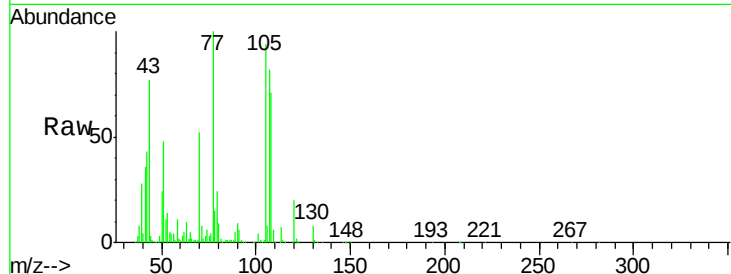




#19
n-Nitroso-di-n-propylamine
Concen: 40.32 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

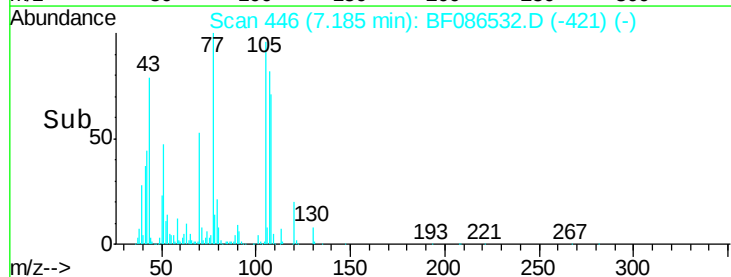
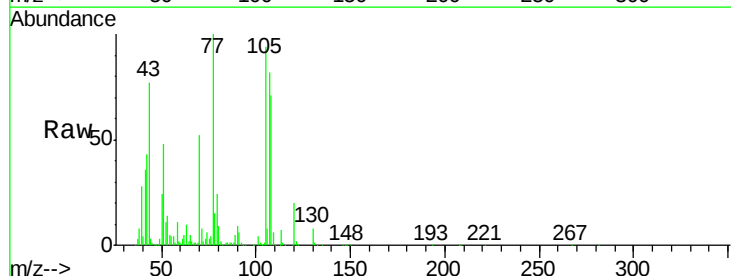
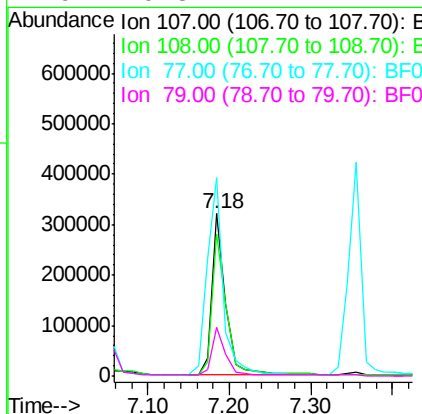
Instrument :
BNA_F
ClientSampleId :

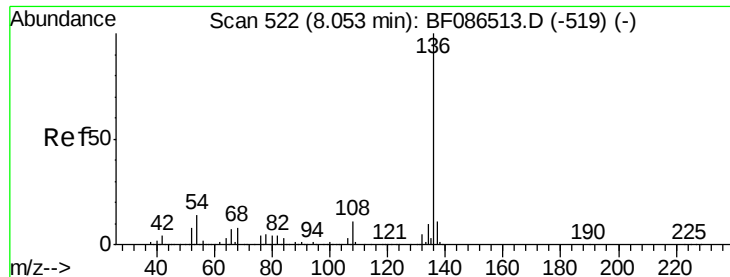
Tot Ion: 70 Resp: 281949
Ion Ratio Lower Upper
70 100
42 83.4 43.1 64.7#
101 8.3 8.1 12.1
130 16.0 18.6 28.0#



#20
3+4-Methylphenols
Concen: 43.96 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion: 107 Resp: 383024
Ion Ratio Lower Upper
107 100
108 87.3 68.5 108.5
77 122.4 101.6 141.6
79 29.8 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: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 578981

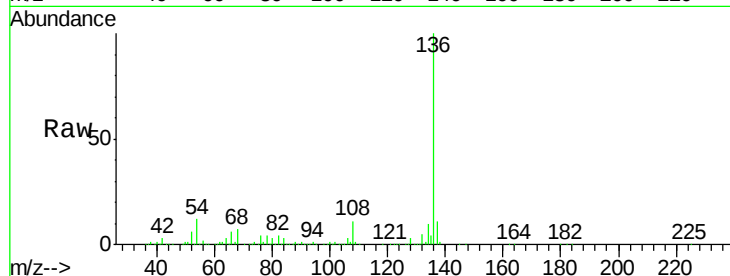
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 11.9 5.0 7.4#

68 7.2 4.4 6.6#

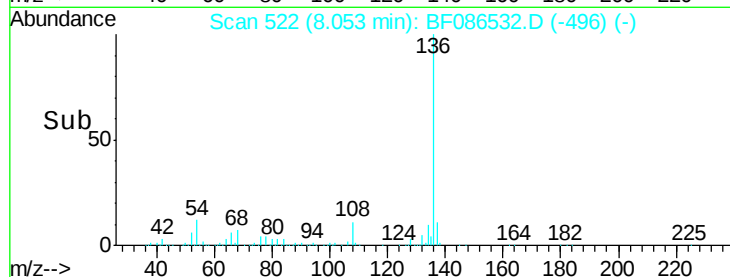


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

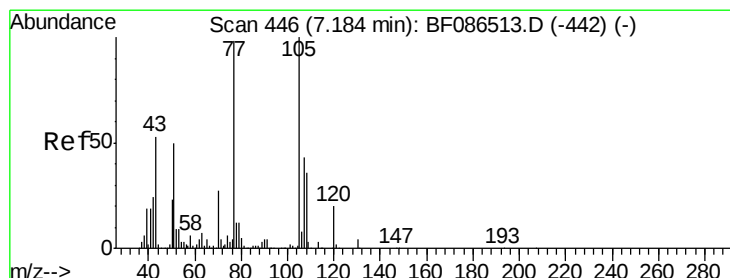
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.05



#22

Acetophenone

Concen: 42.70 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:105 Resp: 542061

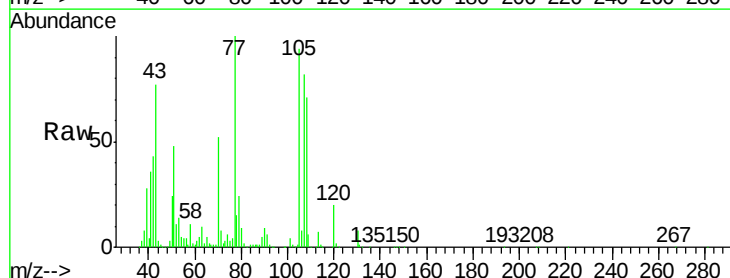
Ion Ratio Lower Upper

105 100

71 8.9 4.8 7.2#

51 50.8 32.6 49.0#

120 20.9 16.5 24.7

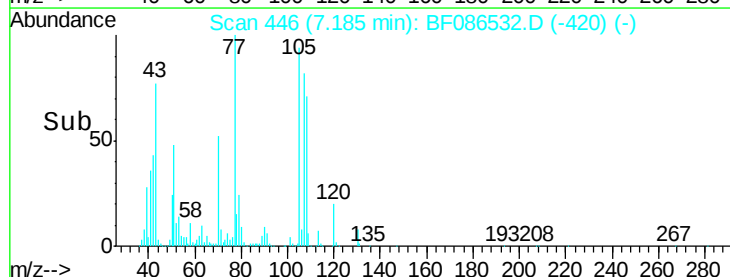


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

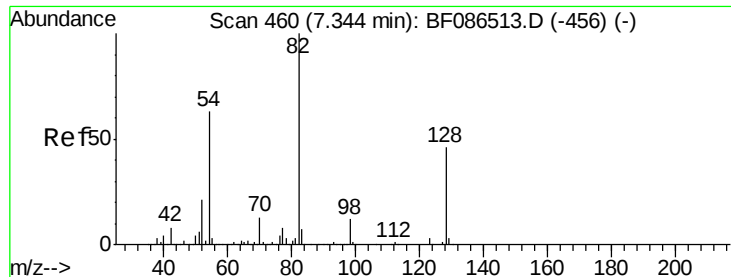
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

7.18



#23

Nitrobenzene-d5

Concen: 77.54 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

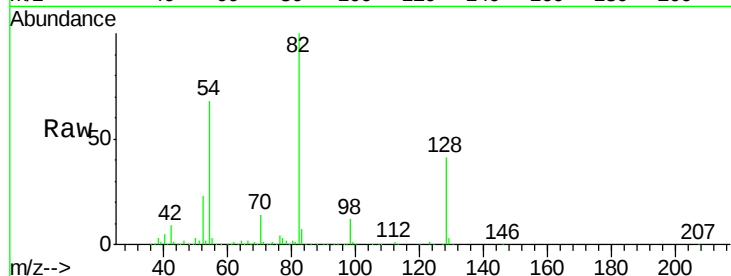
Tot Ion: 82 Resp: 832859

Ion Ratio Lower Upper

82 100

128 40.8 40.6 61.0

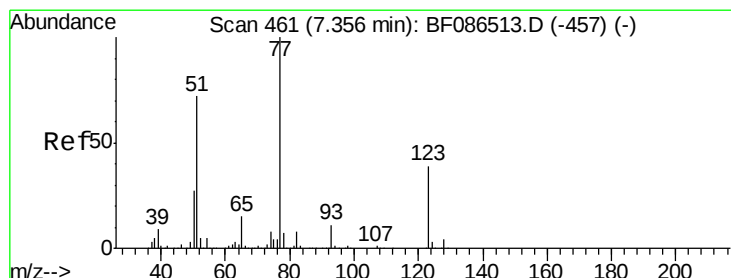
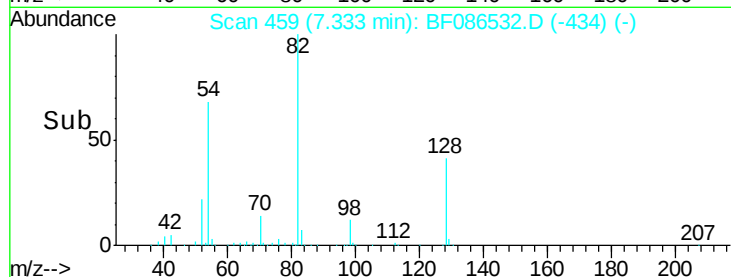
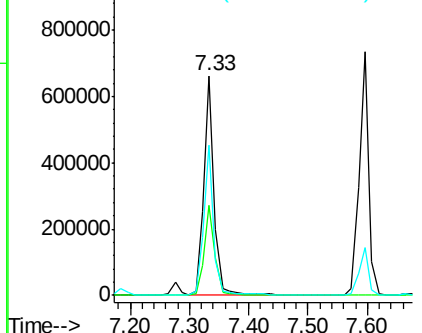
54 68.3 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.19 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

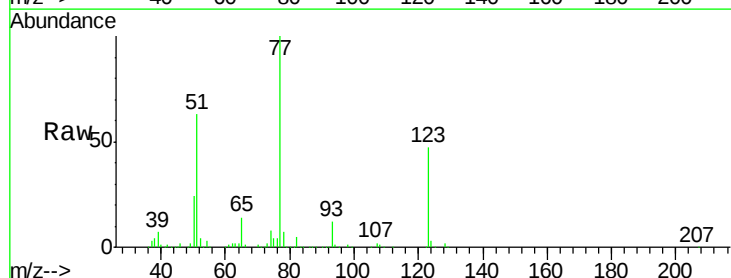
Tgt Ion: 77 Resp: 455168

Ion Ratio Lower Upper

77 100

123 47.3 33.0 49.4

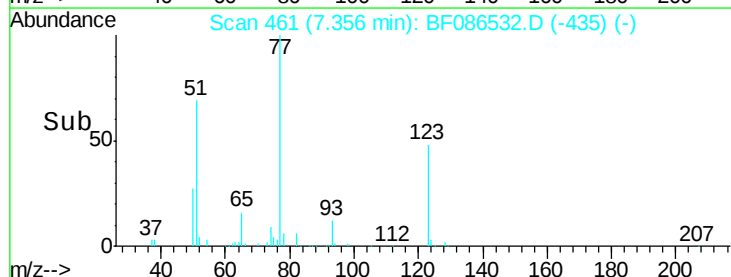
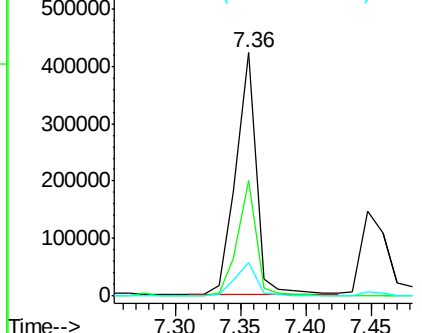
65 13.9 10.8 16.2

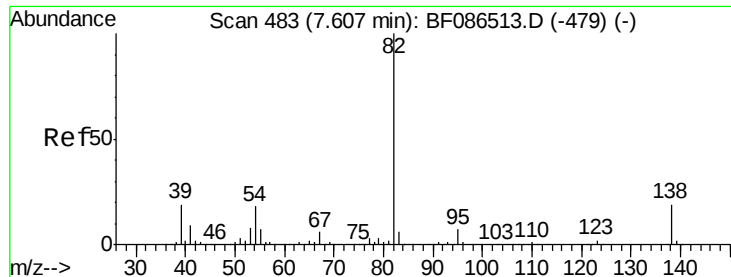


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.39 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

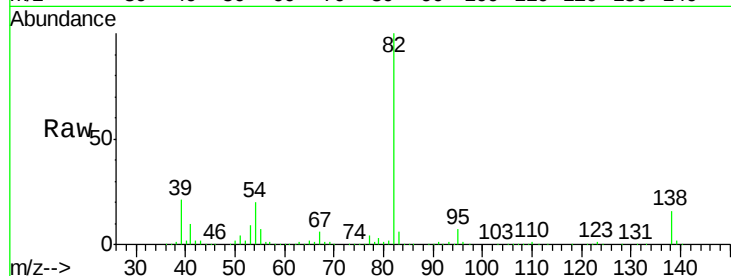
Tot Ion: 82 Resp: 814352

Ion Ratio Lower Upper

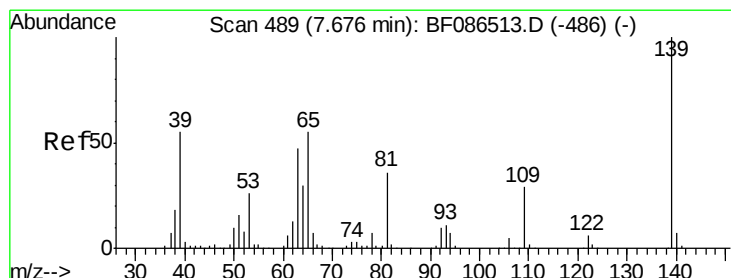
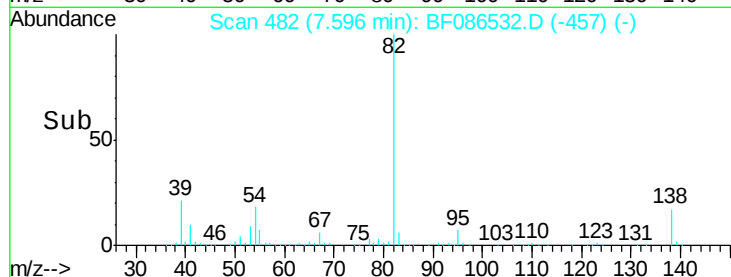
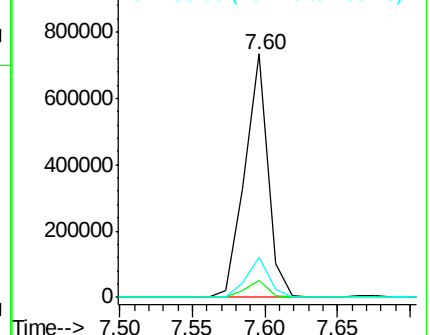
82 100

95 6.9 5.1 7.7

138 16.4 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.64 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

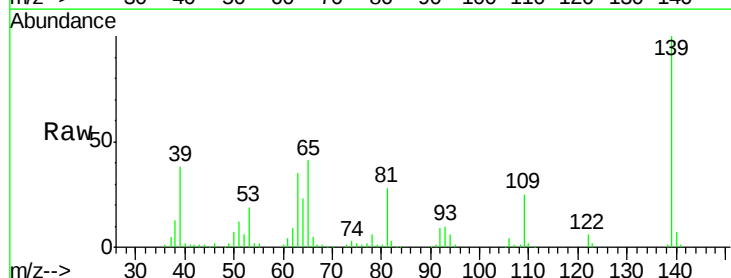
Tgt Ion: 139 Resp: 206757

Ion Ratio Lower Upper

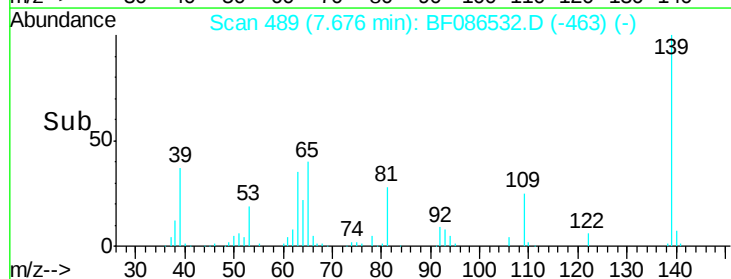
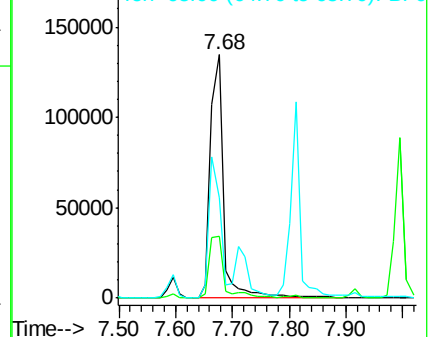
139 100

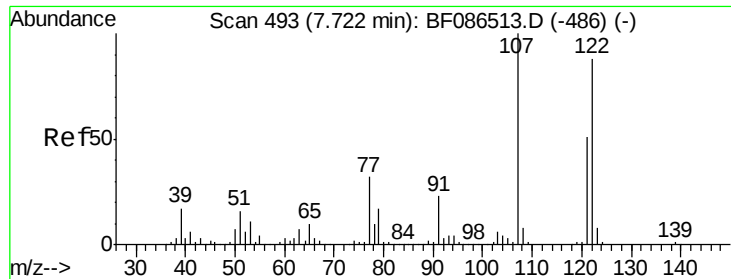
109 25.4 19.5 29.3

65 41.3 37.5 56.3



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

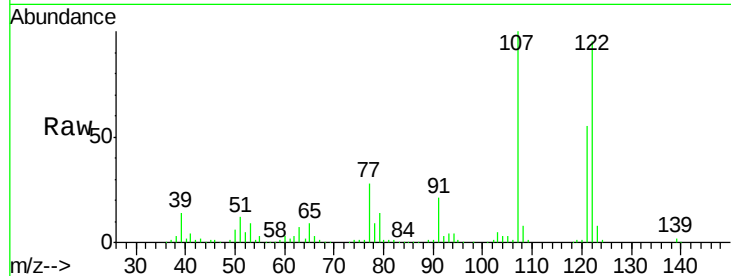




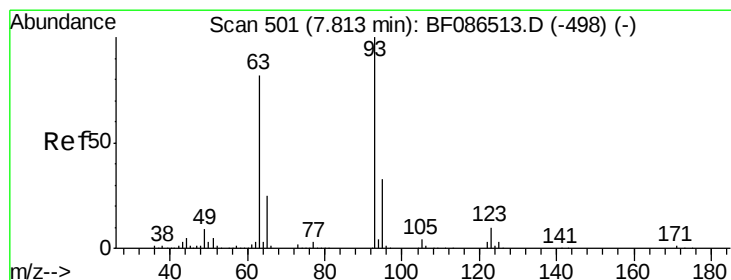
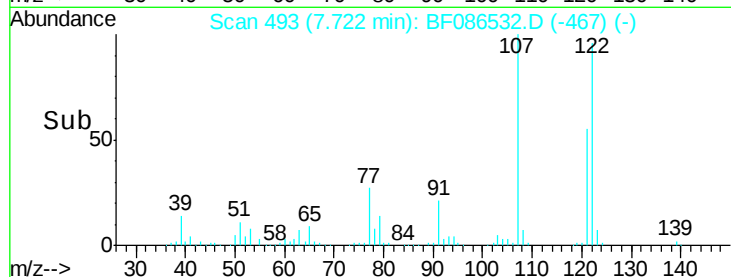
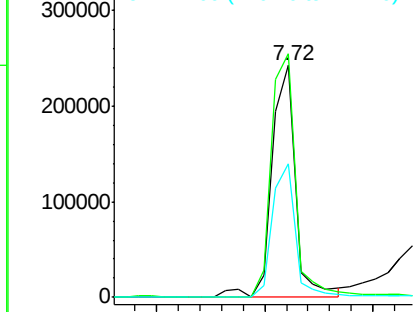
#27
 2,4-Dimethylphenol
 Concen: 41.21 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 367858
 Ion Ratio Lower Upper
 122 100
 107 105.0 82.0 123.0
 121 57.6 46.1 69.1

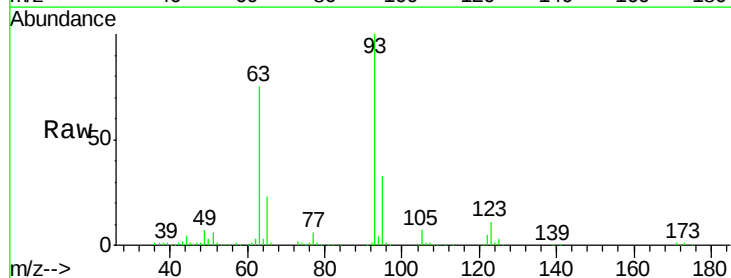


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

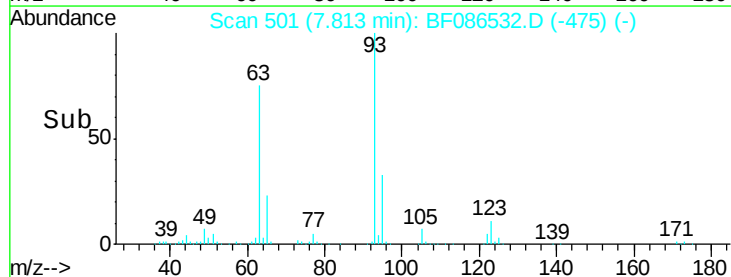
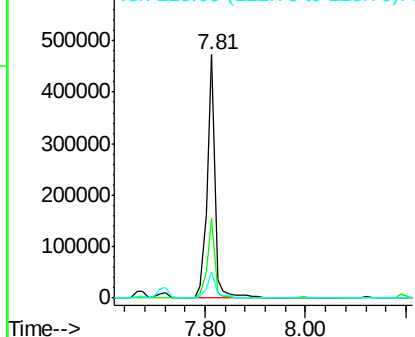


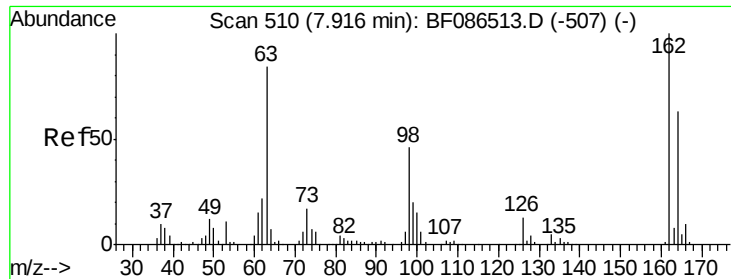
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.20 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion: 93 Resp: 509020
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 10.8 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

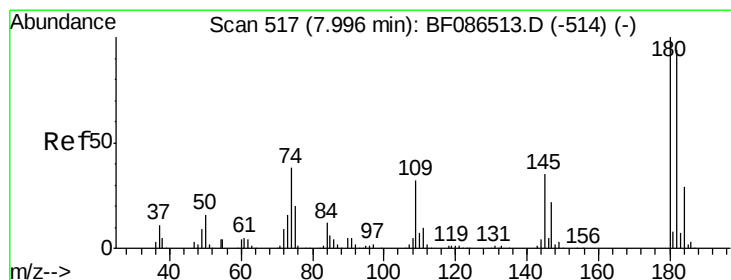
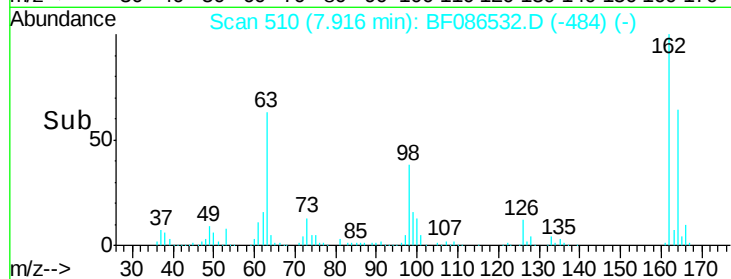
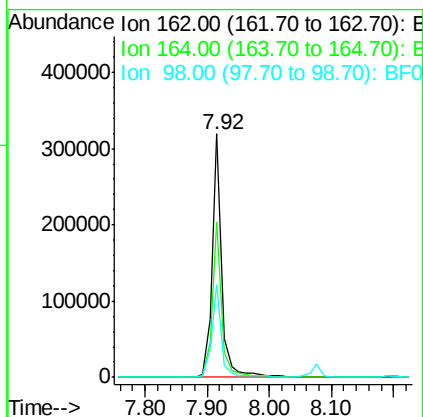
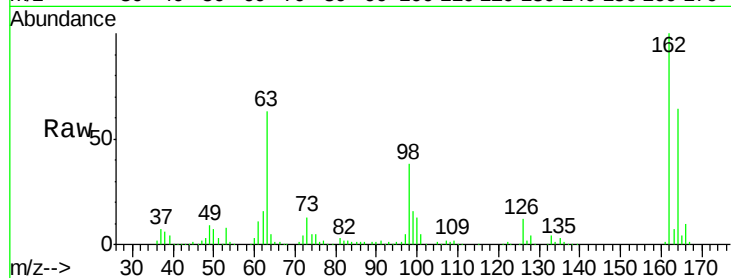




#29
 2,4-Dichlorophenol
 Concen: 45.38 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

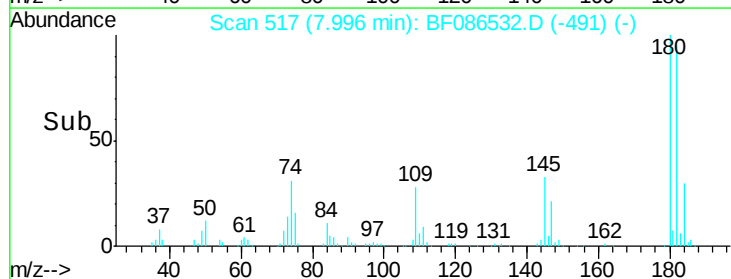
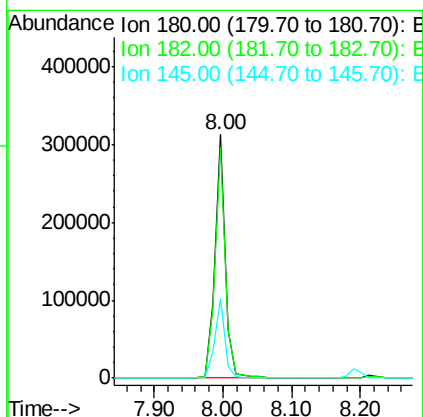
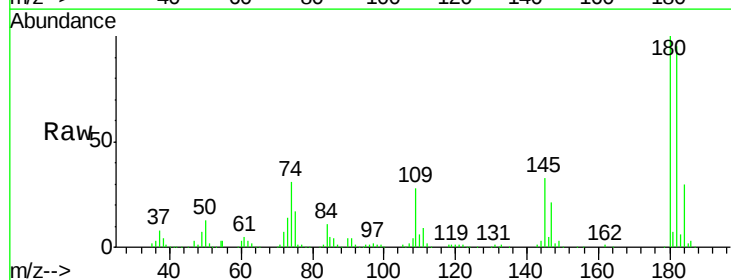
Instrument :
 BNA_F
 ClientSampleId :

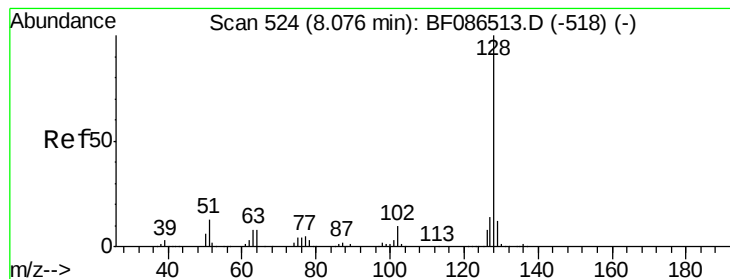
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.2	82.2
98	38.2	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 38.38 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.0	117.0
145	32.7	24.2	36.2





#31

Naphthalene

Concen: 39.78 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

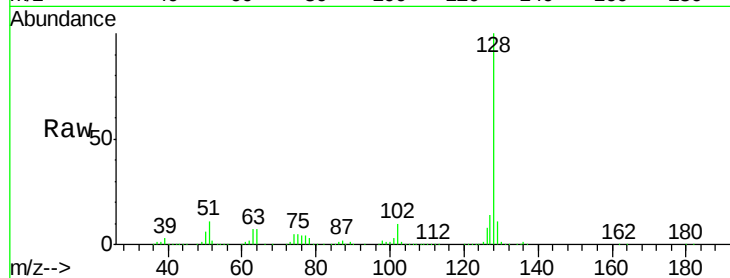
Tot Ion:128 Resp: 1171841

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

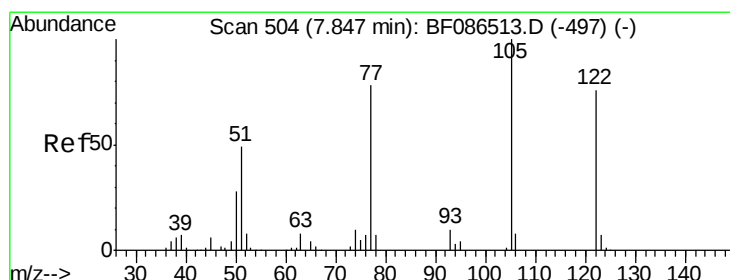
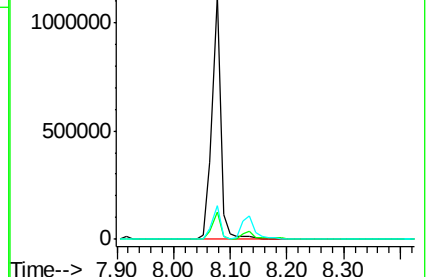
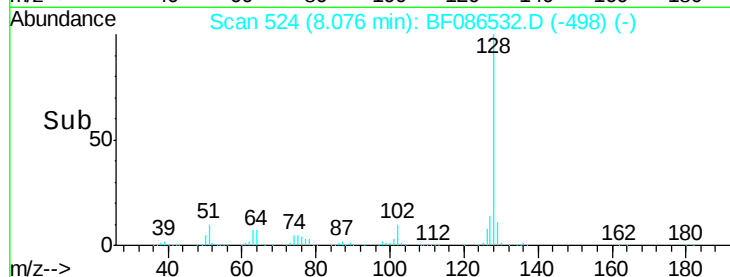
127 13.7 10.8 16.2



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: 35.49 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

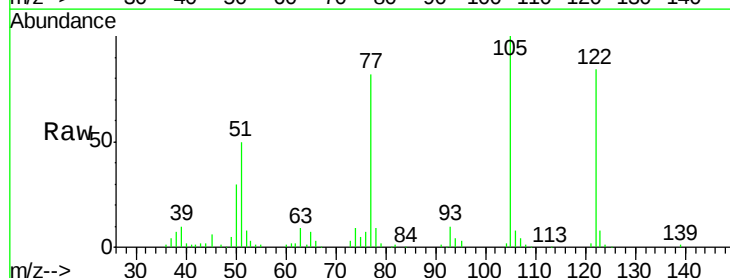
Tgt Ion:122 Resp: 176669

Ion Ratio Lower Upper

122 100

105 118.4 92.6 132.6

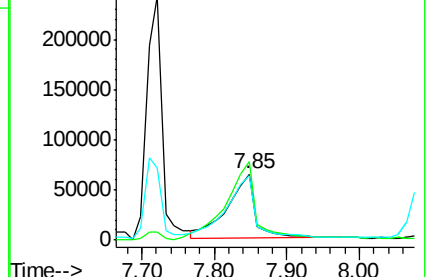
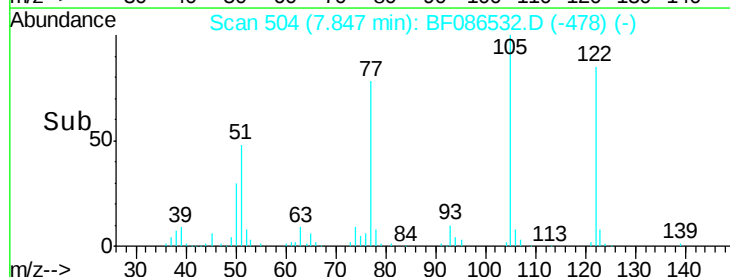
77 97.0 60.0 100.0

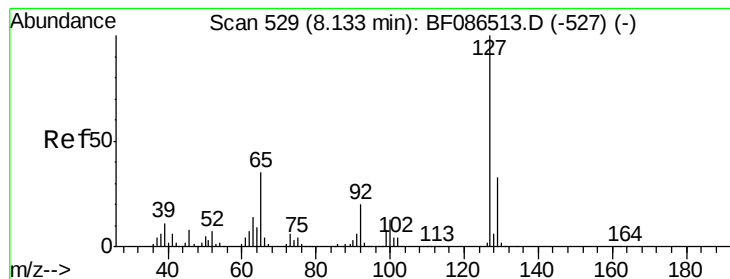


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 17.54 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 193471

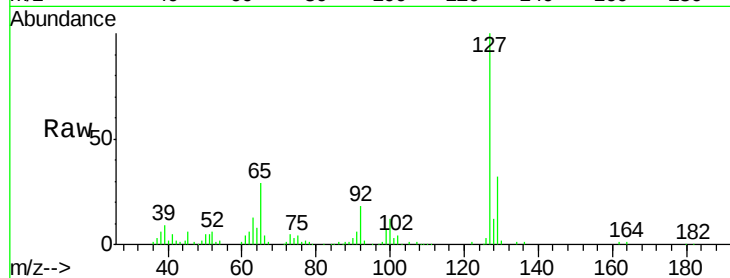
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 28.7 23.0 34.4

92 17.5 15.1 22.7

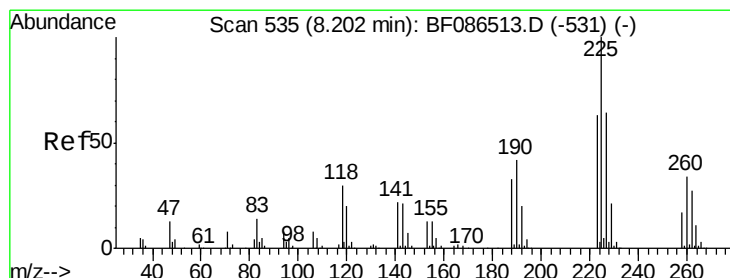
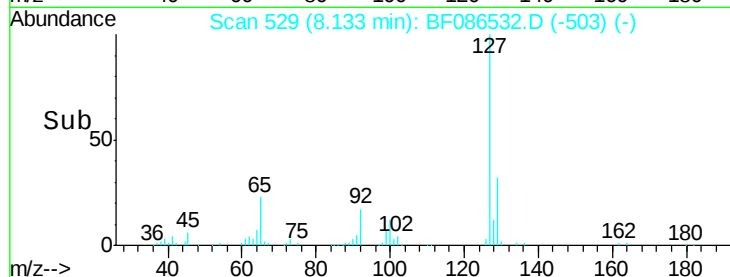
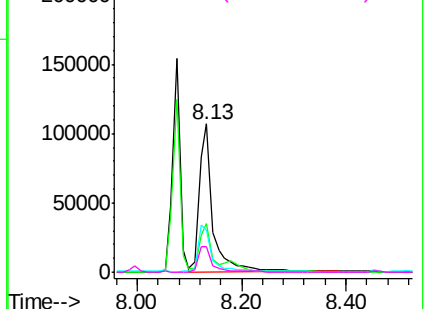


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.22 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

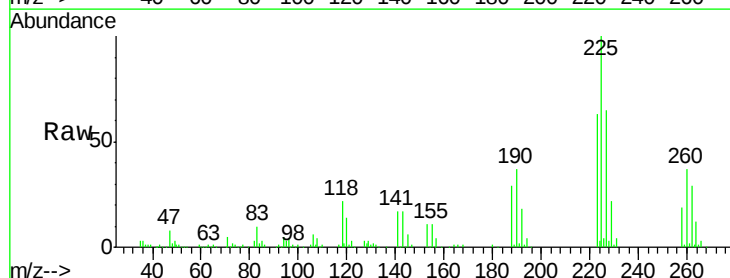
Tgt Ion:225 Resp: 177396

Ion Ratio Lower Upper

225 100

223 62.6 51.5 77.3

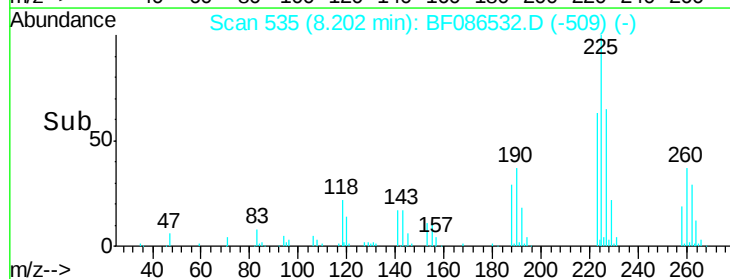
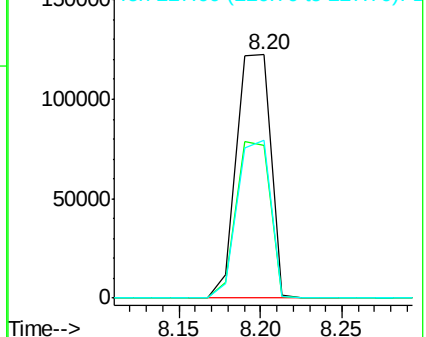
227 64.6 52.2 78.2

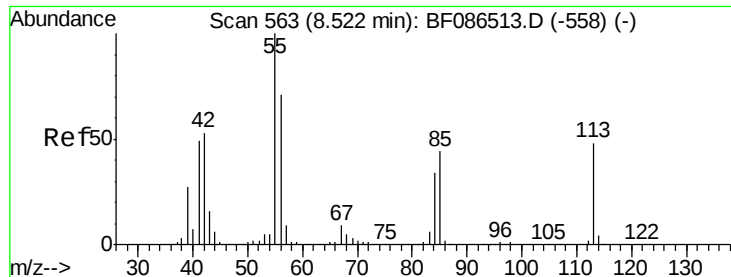


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.94 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

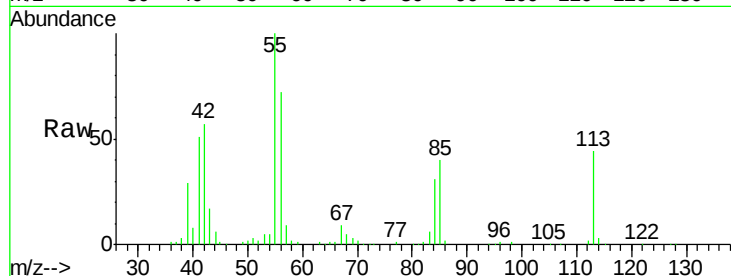
Tot Ion:113 Resp: 75217

Ion Ratio Lower Upper

113 100

55 229.9 162.0 202.0#

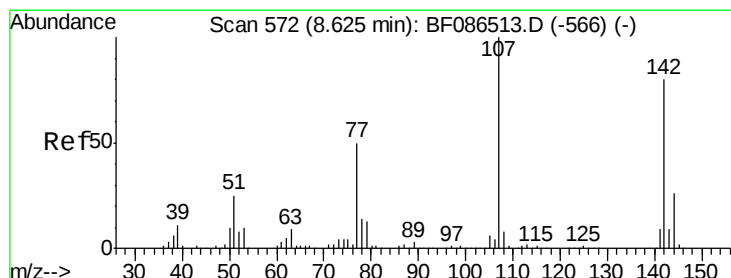
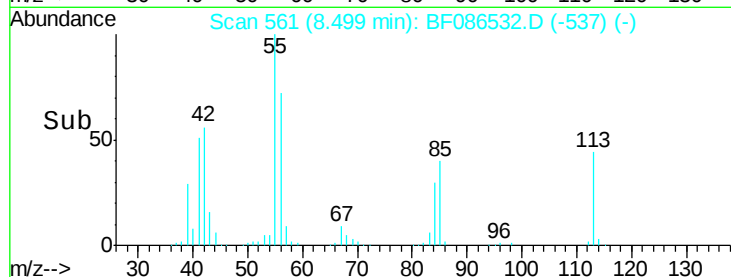
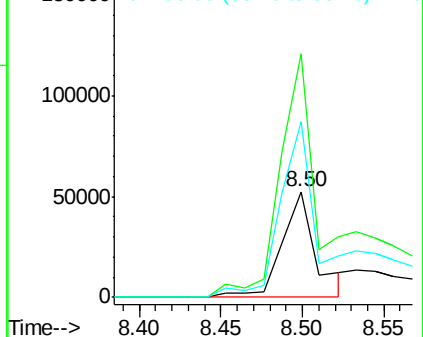
56 165.8 115.3 155.3#



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: 42.83 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

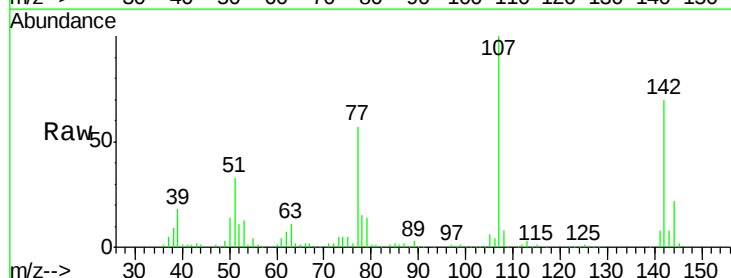
Tgt Ion:107 Resp: 369331

Ion Ratio Lower Upper

107 100

144 21.8 20.7 31.1

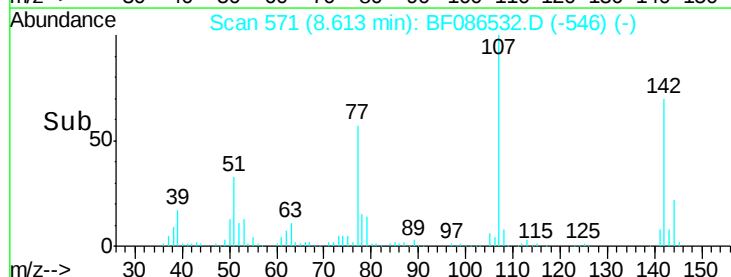
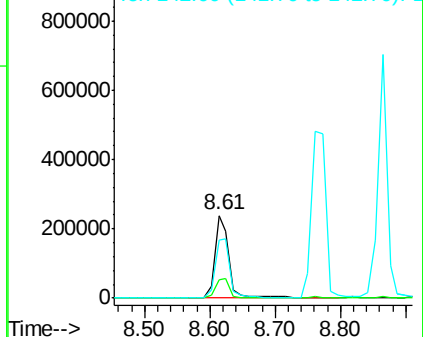
142 70.2 63.2 94.8

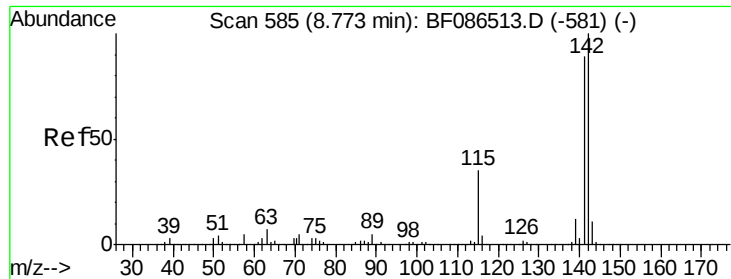


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

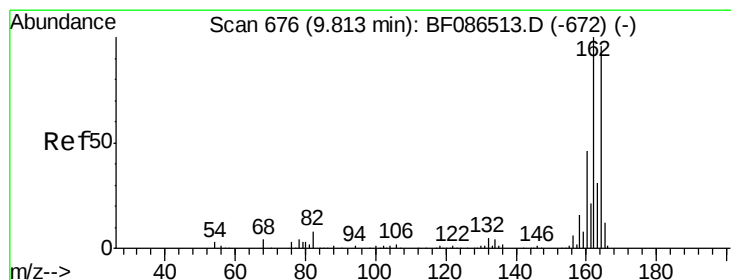
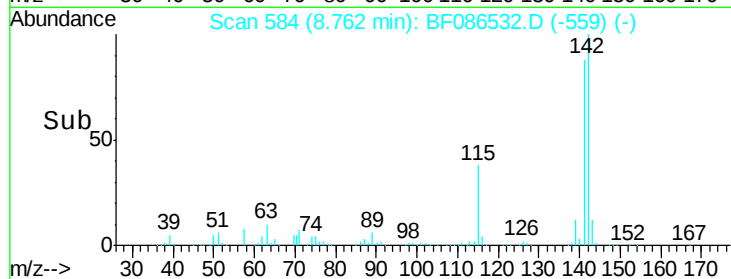
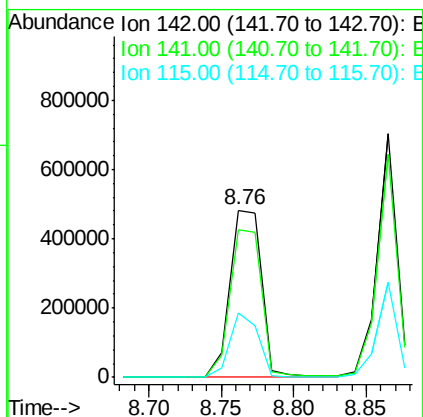
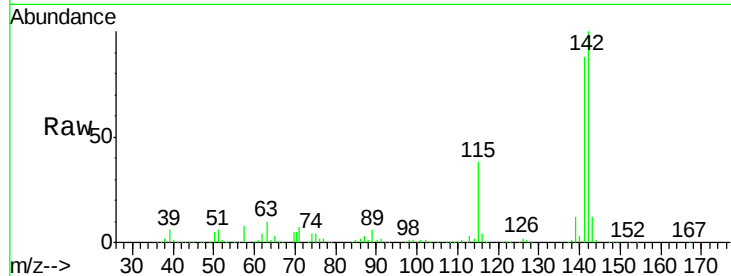




#37
 2-Methylnaphthalene
 Concen: 42.20 ng
 RT: 8.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

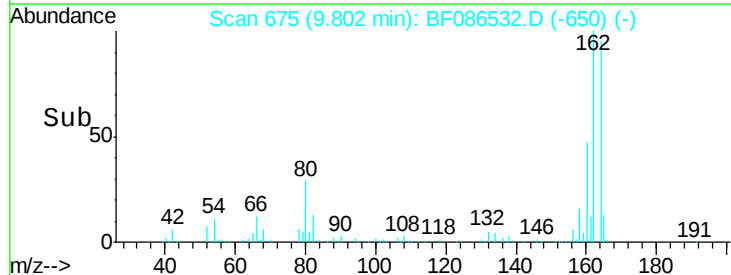
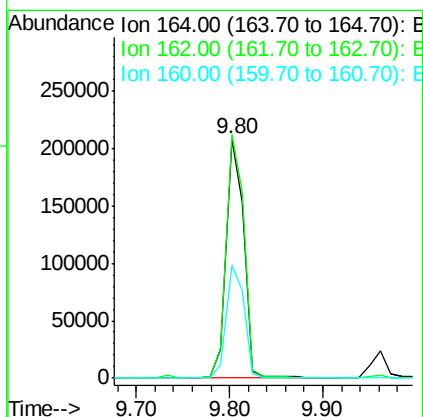
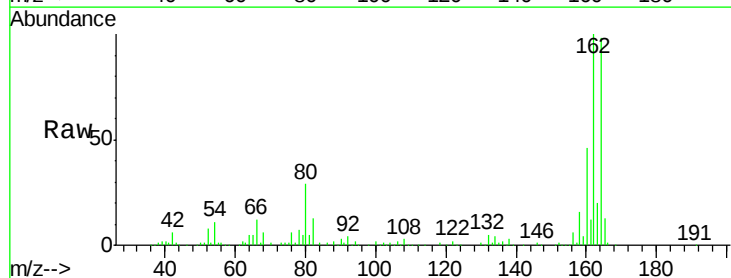
Instrument :
 BNA_F
 ClientSampleID :

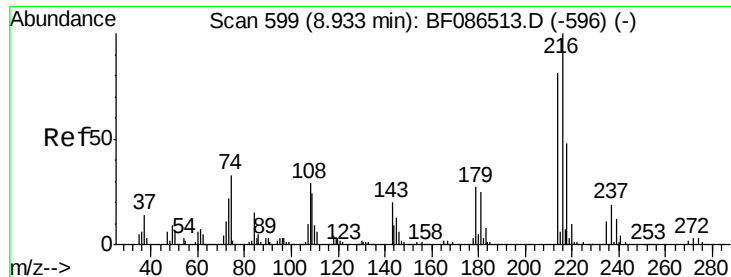
Tot Ion:142 Resp: 733694
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 38.4 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:164 Resp: 275657
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.8 124.2
 160 47.2 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.71 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086532.D

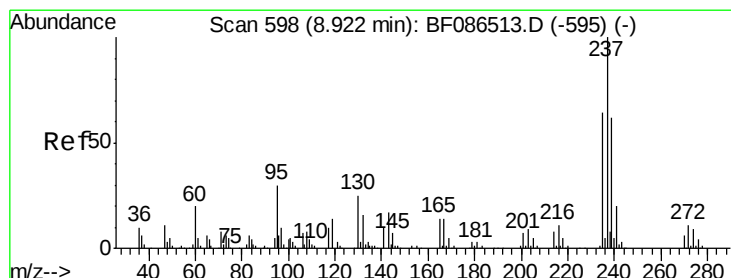
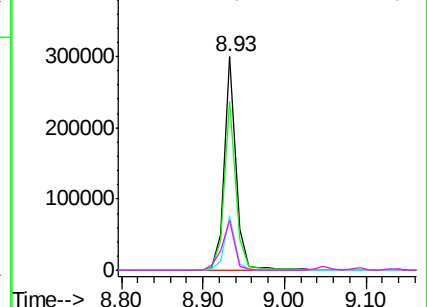
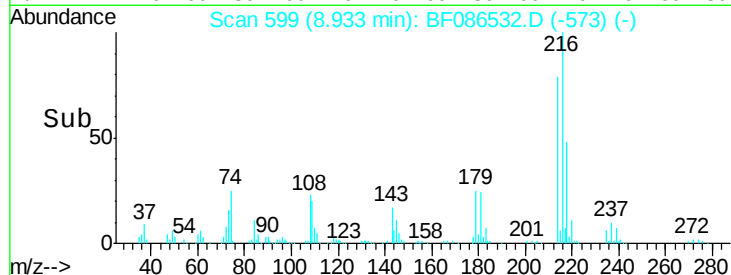
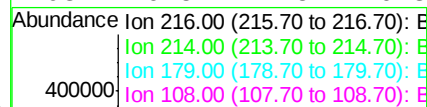
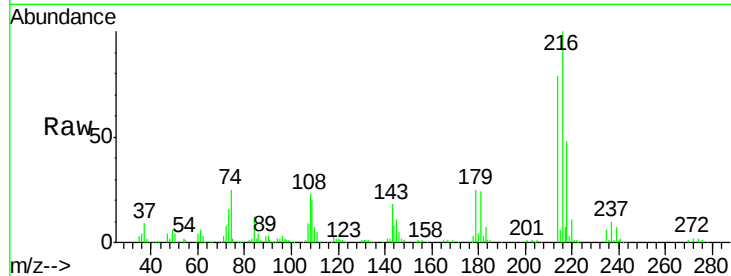
Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	297566
Ion Ratio	Lower	Upper
216	100	
214	79.1	62.6 93.8
179	23.8	18.2 27.4
108	26.5	17.5 26.3#



#40

Hexachlorocyclopentadiene

Concen: 75.94 ng

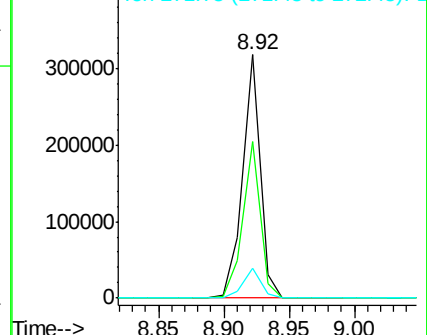
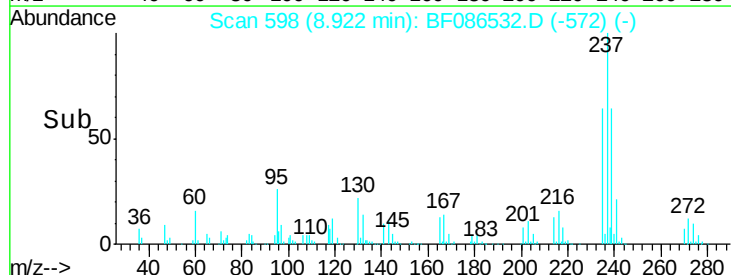
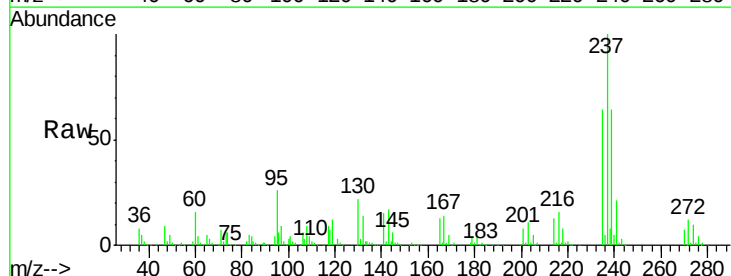
RT: 8.92 min Scan# 598

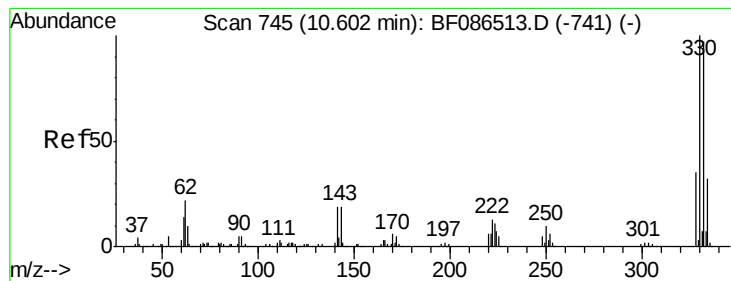
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:237	Resp:	297781
Ion Ratio	Lower	Upper
237	100	
235	64.3	47.2 87.2
272	12.3	0.0 31.1

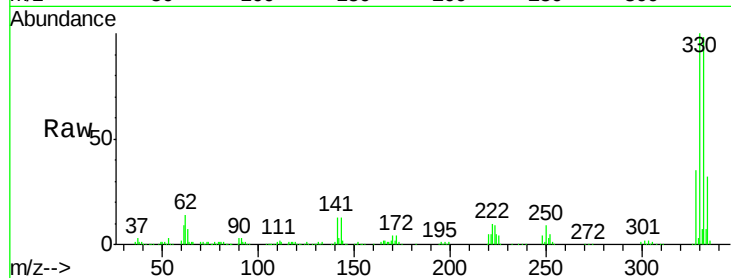




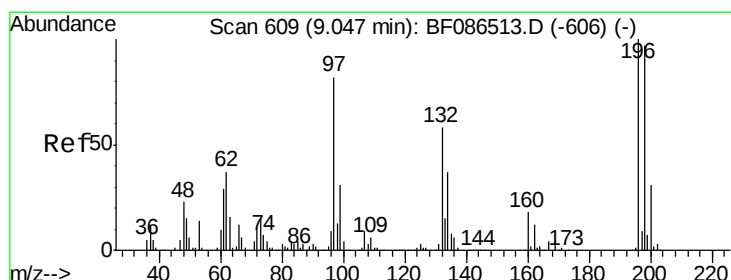
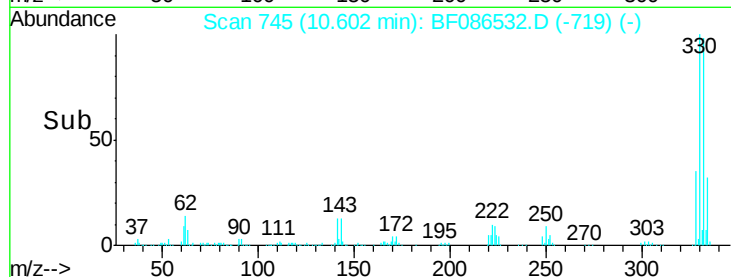
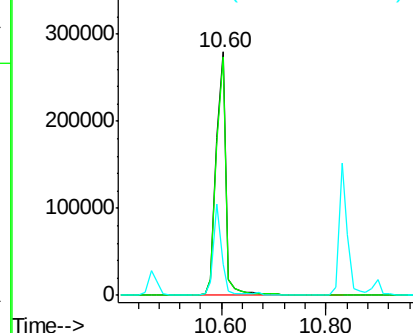
#41
 2,4,6-Tribromophenol
 Concen: 126.10 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 366567
 Ion Ratio Lower Upper
 330 100
 332 97.6 79.0 118.4
 141 31.0 31.2 46.8#

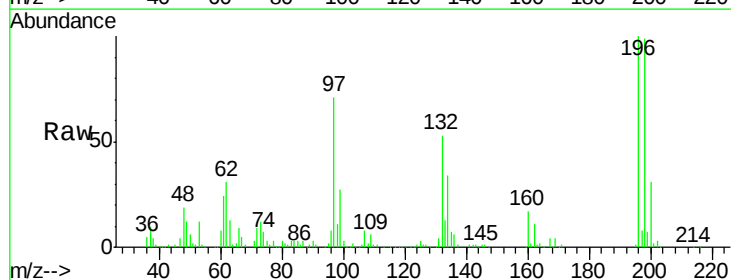


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

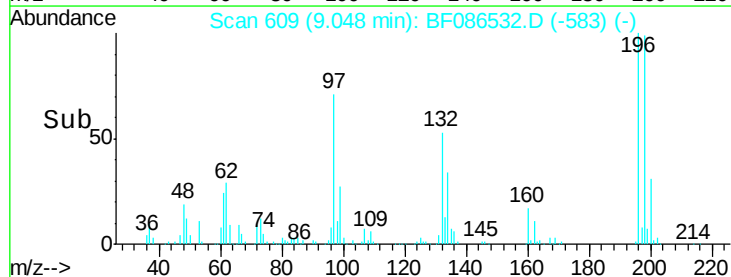
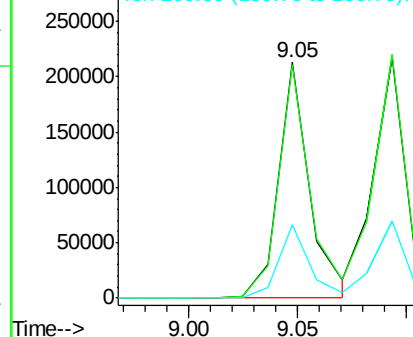


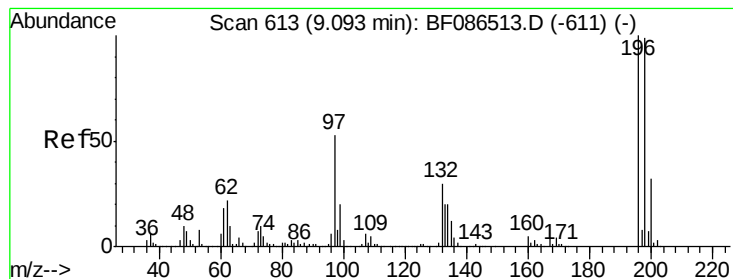
#42
 2,4,6-Trichlorophenol
 Concen: 43.03 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:196 Resp: 214607
 Ion Ratio Lower Upper
 196 100
 198 99.1 74.7 112.1
 200 31.0 23.8 35.6



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

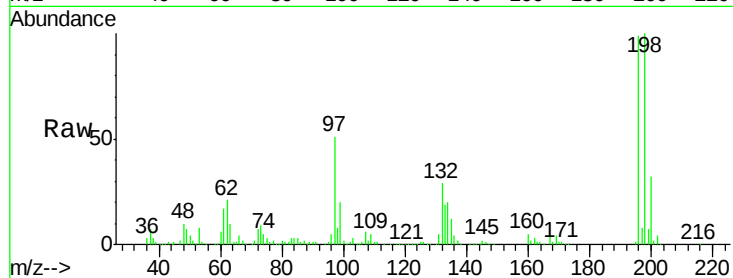




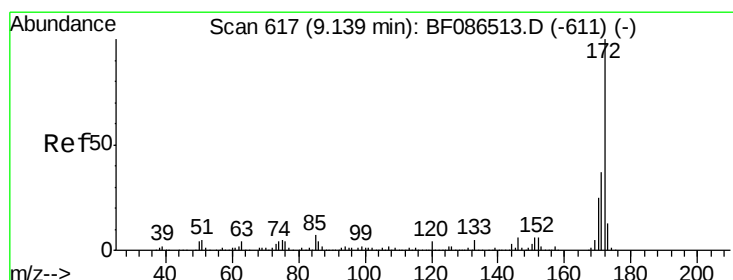
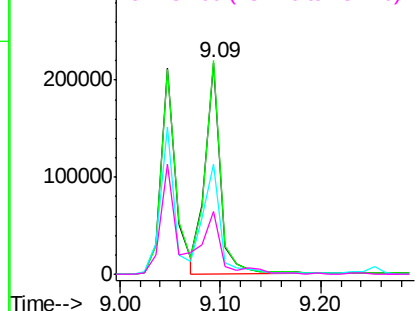
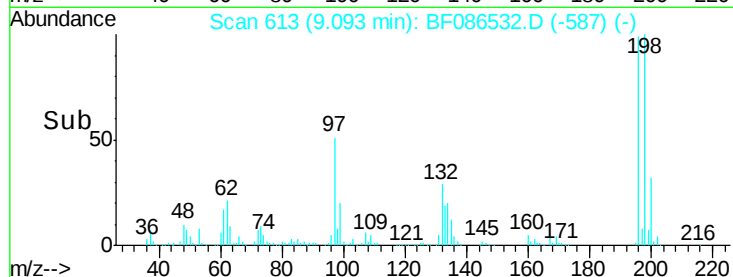
#43
 2,4,5-Trichlorophenol
 Concen: 42.68 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 231996
 Ion Ratio Lower Upper
 196 100
 198 101.0 77.5 116.3
 97 51.8 34.8 52.2
 132 29.6 23.0 34.4

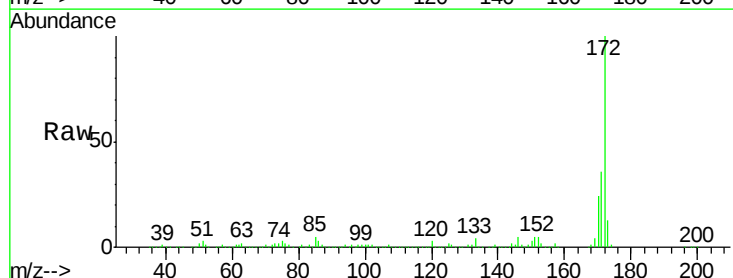


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

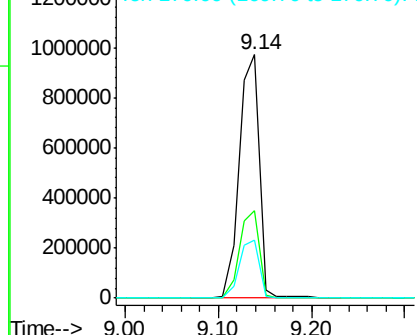
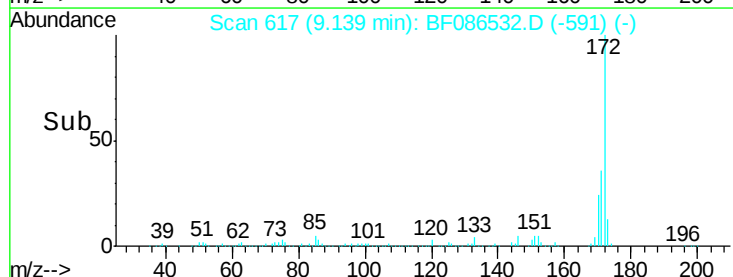


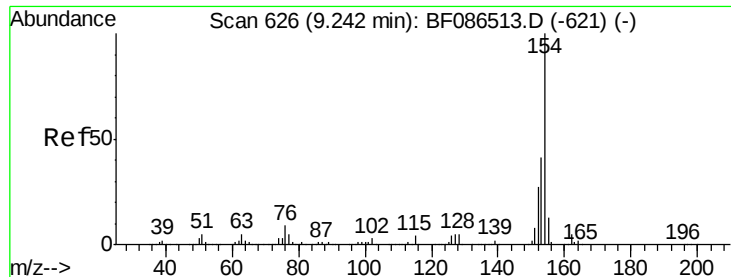
#44
 2-Fluorobiphenyl
 Concen: 95.00 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:172 Resp: 1459848
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.1 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: 38.98 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

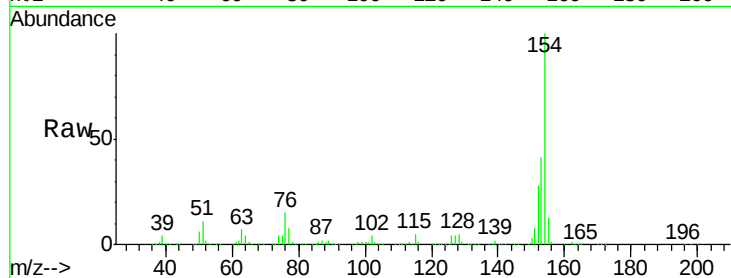
Tot Ion:154 Resp: 898179

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

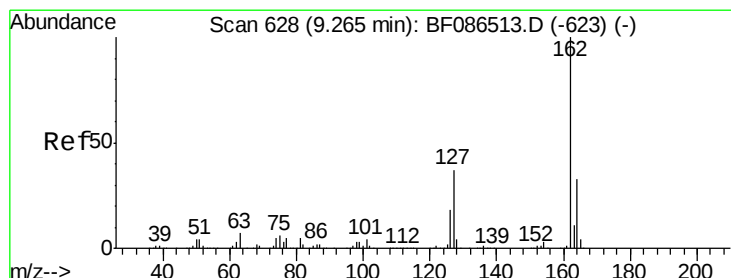
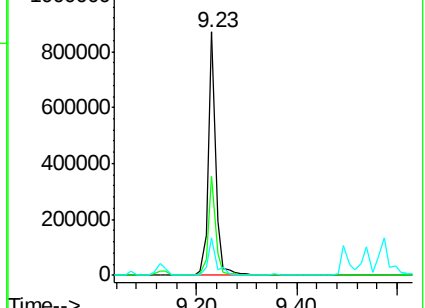
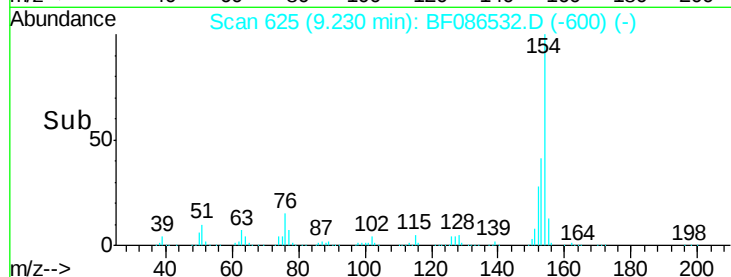
76 15.5 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.00 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

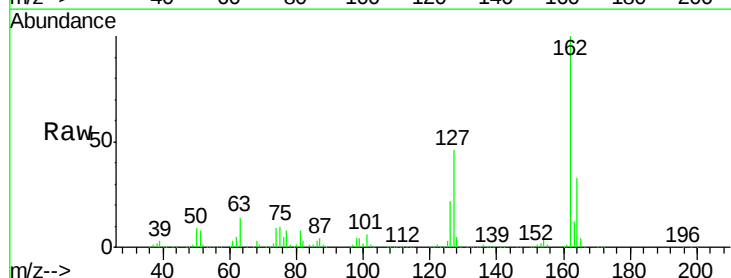
Tgt Ion:162 Resp: 665705

Ion Ratio Lower Upper

162 100

127 46.5 31.8 47.6

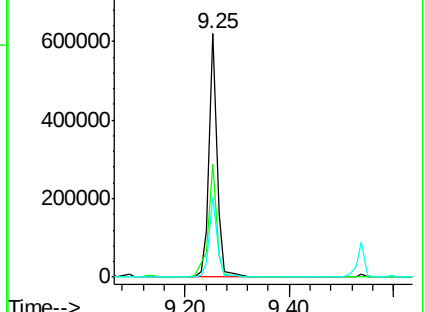
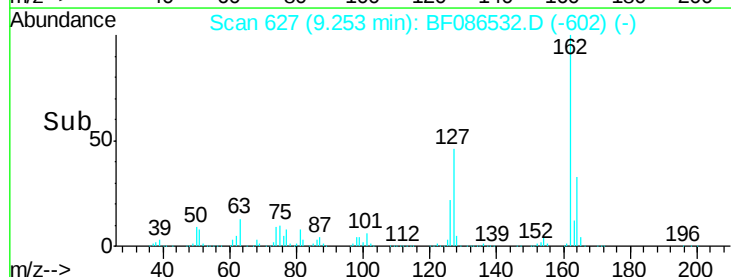
164 32.6 27.0 40.6

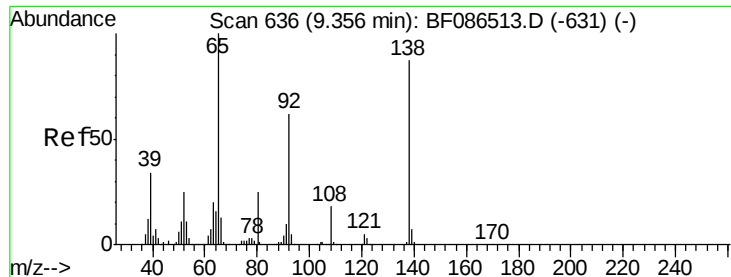


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

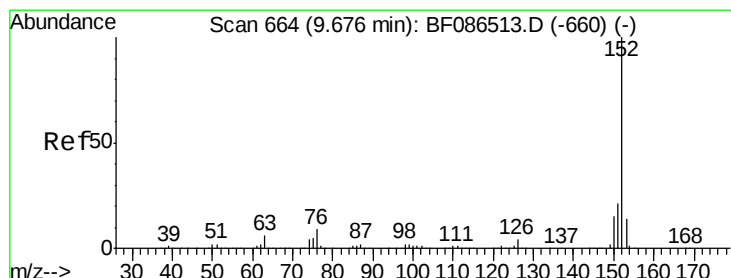
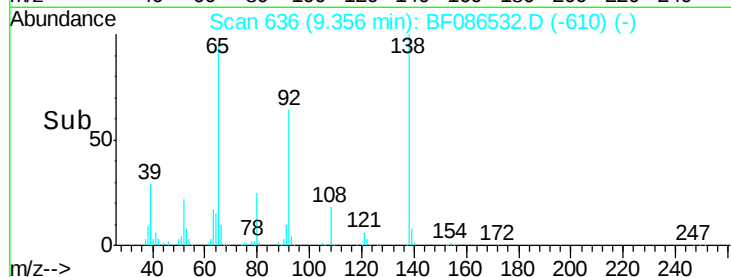
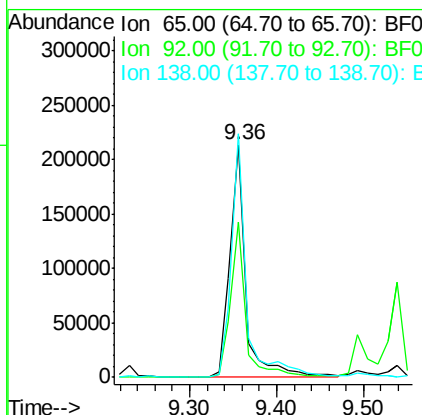
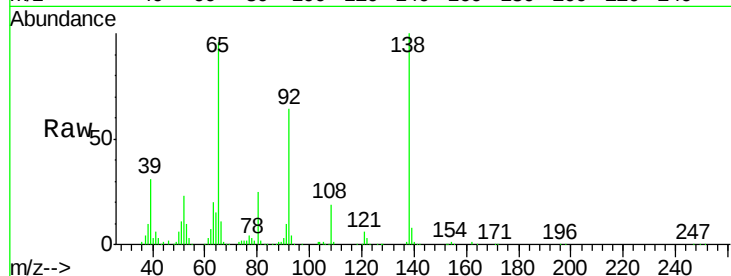




#47
2-Nitroaniline
Concen: 48.77 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

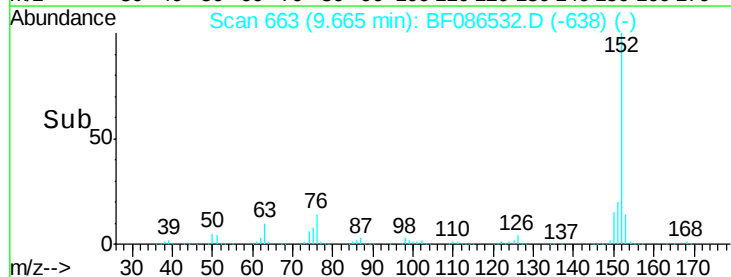
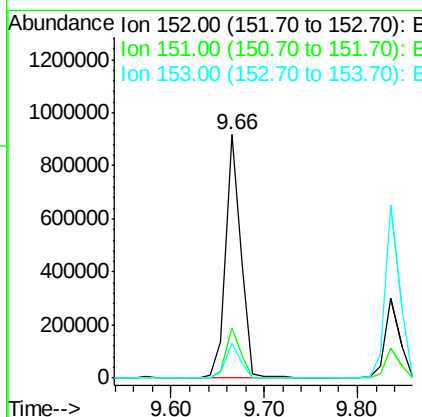
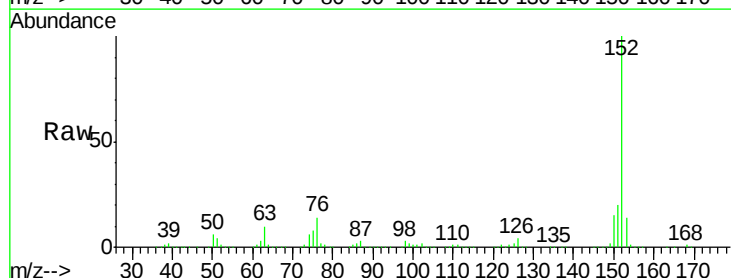
Instrument :
BNA_F
ClientSampled :

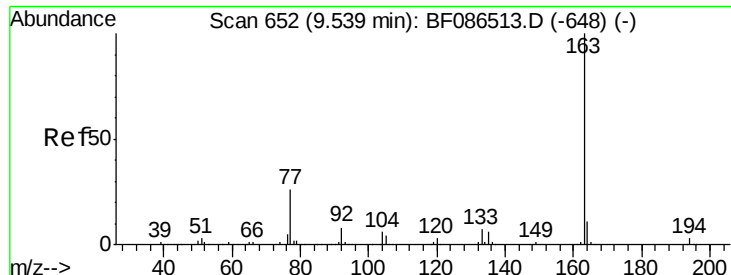
Tot Ion: 65 Resp: 273990
Ion Ratio Lower Upper
65 100
92 66.7 57.4 86.2
138 104.6 90.1 135.1



#48
Acenaphthylene
Concen: 38.45 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion: 152 Resp: 1052931
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 14.2 10.9 16.3

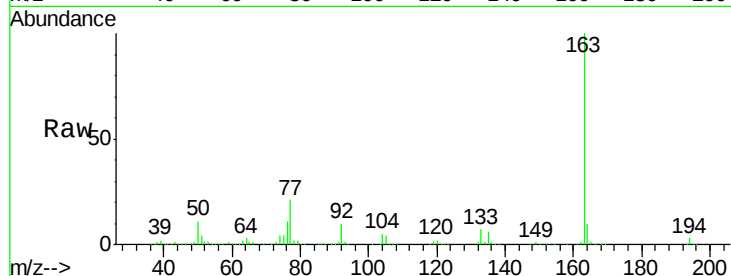




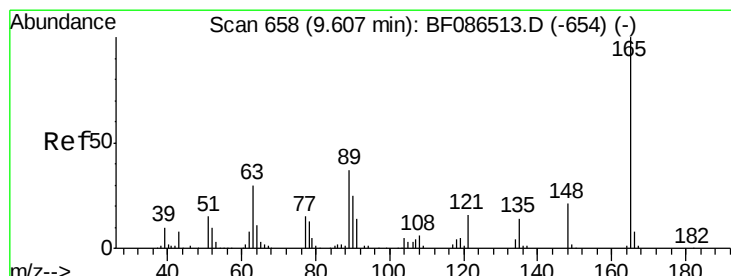
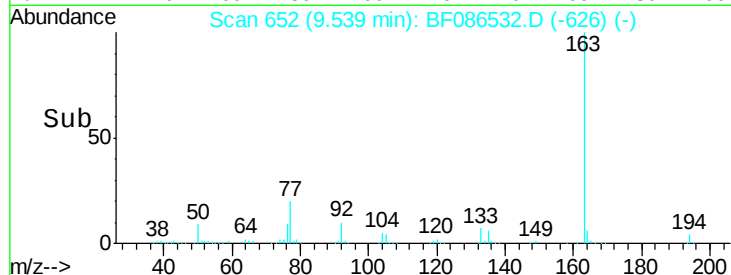
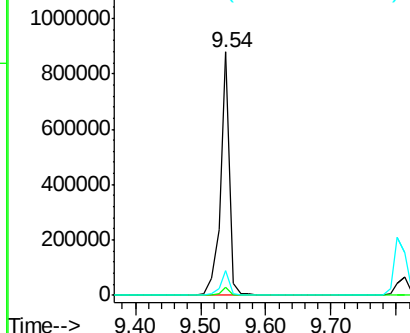
#49
Dimethylphthalate
Concen: 41.52 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 861732
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.2 12.4

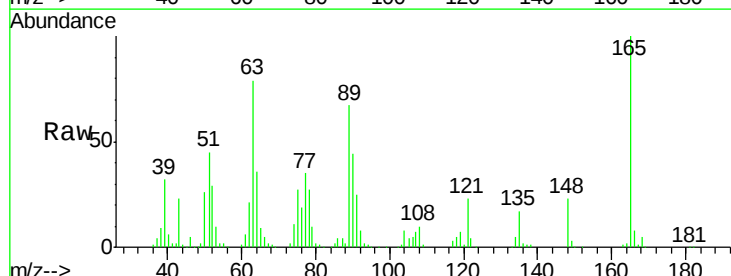


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

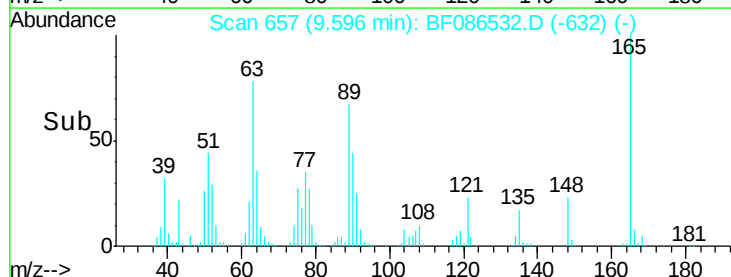
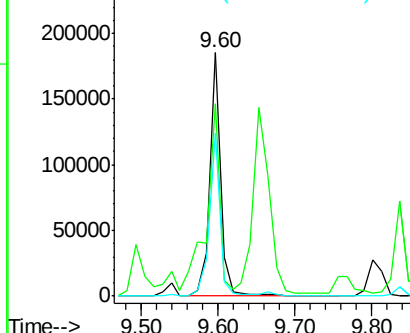


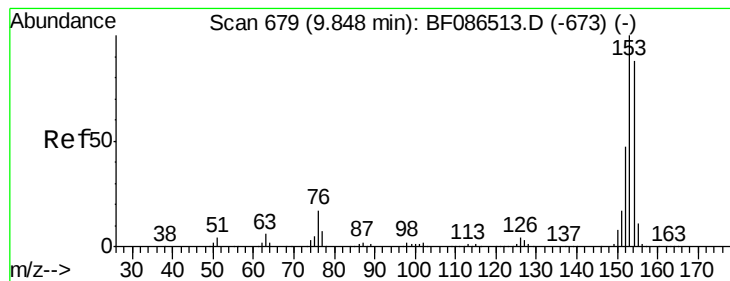
#50
2,6-Dinitrotoluene
Concen: 42.33 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion:165 Resp: 181497
Ion Ratio Lower Upper
165 100
63 78.9 51.8 77.8#
89 66.9 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: 42.37 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

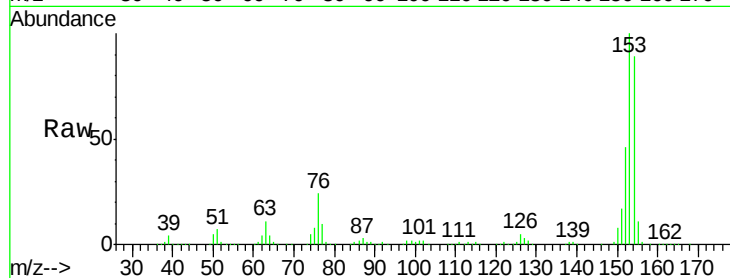
Tot Ion:154 Resp: 745228

Ion Ratio Lower Upper

154 100

153 112.2 89.8 134.6

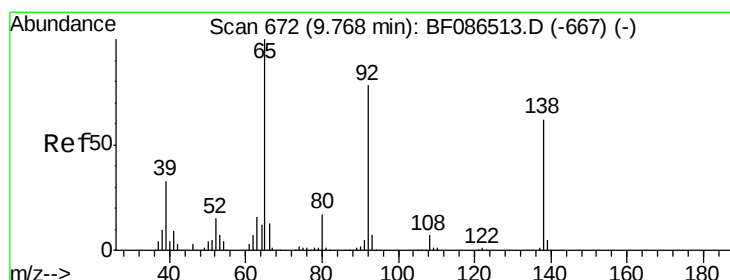
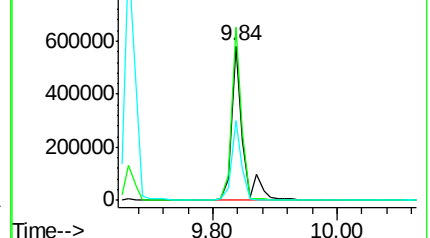
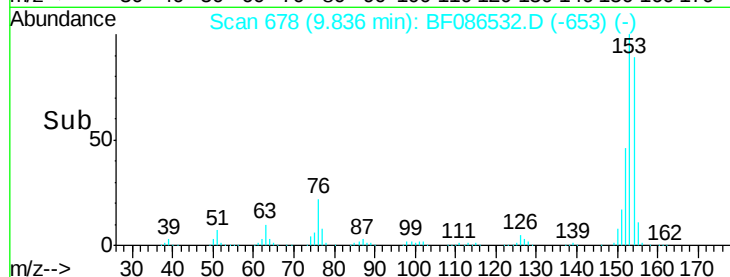
152 52.0 43.4 65.0



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: 24.83 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

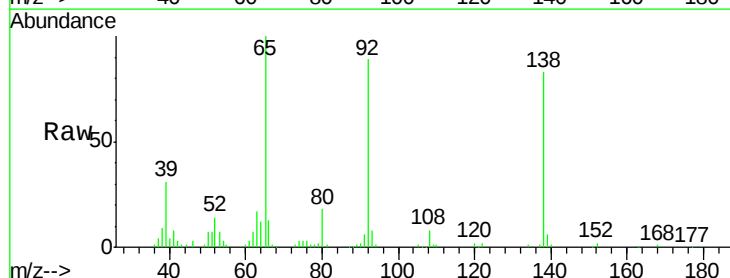
Tgt Ion:138 Resp: 121051

Ion Ratio Lower Upper

138 100

108 9.2 7.8 11.6

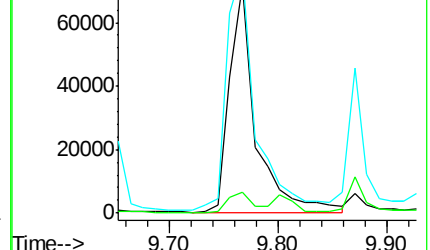
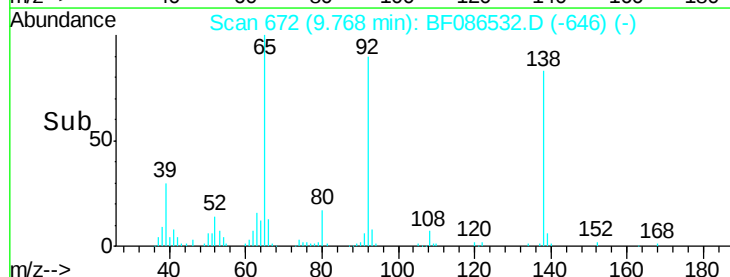
92 106.5 87.8 131.8

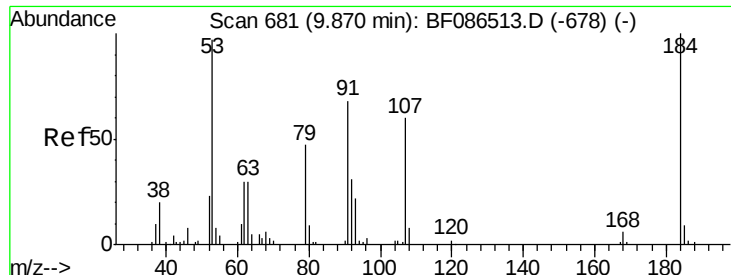


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

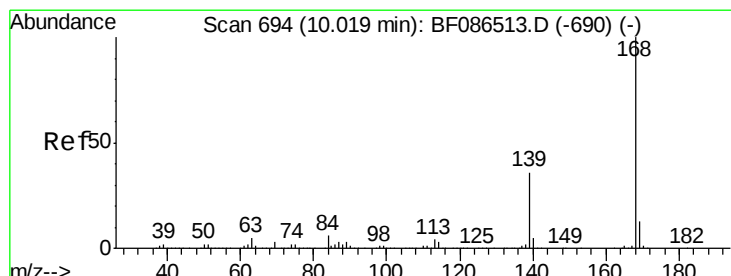
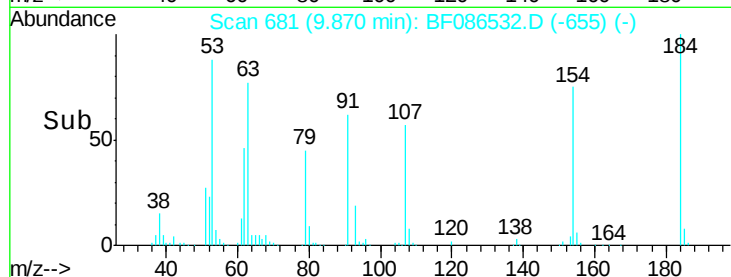
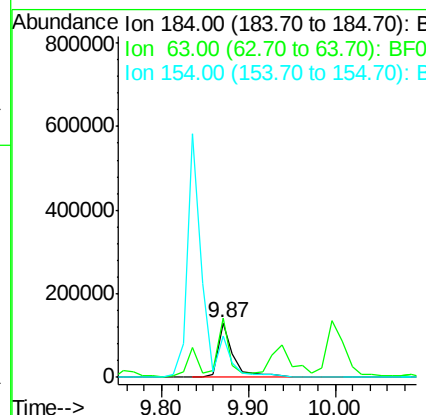
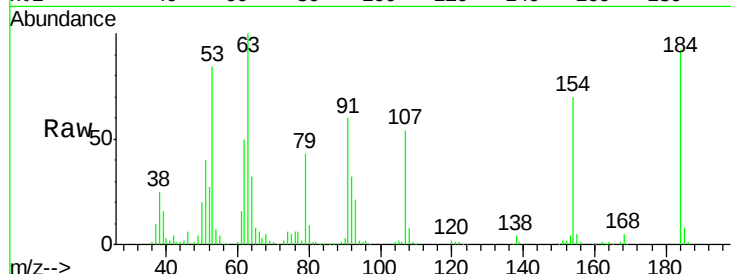




#53
2,4-Dinitrophenol
Concen: 72.43 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

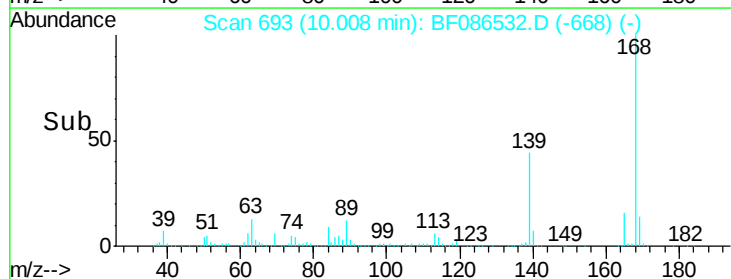
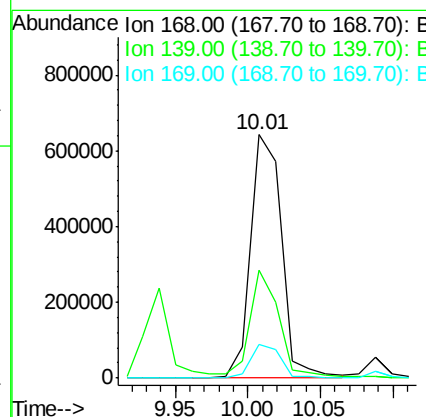
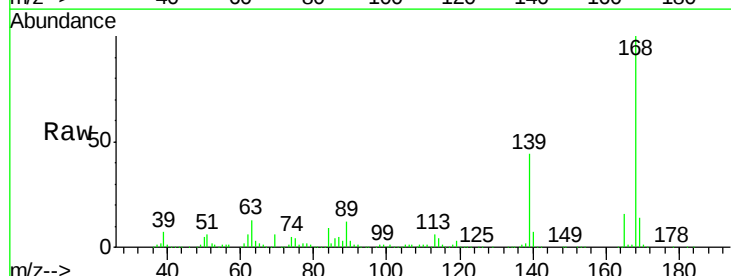
Instrument :
BNA_F
ClientSampleId :

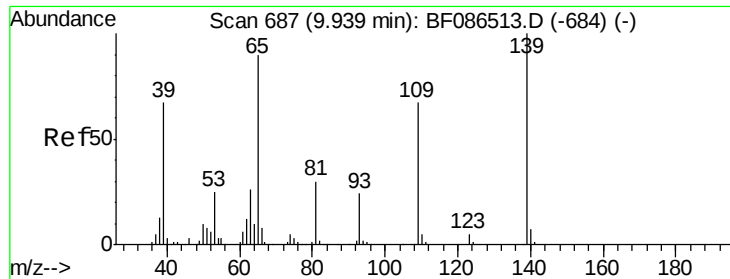
Tot Ion:184 Resp: 167873
Ion Ratio Lower Upper
184 100
63 108.4 55.8 83.8#
154 75.4 62.4 93.6



#54
Dibenzofuran
Concen: 43.20 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion:168 Resp: 949745
Ion Ratio Lower Upper
168 100
139 44.2 31.4 47.0
169 14.0 10.7 16.1





#55

4-Nitrophenol

Concen: 92.55 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

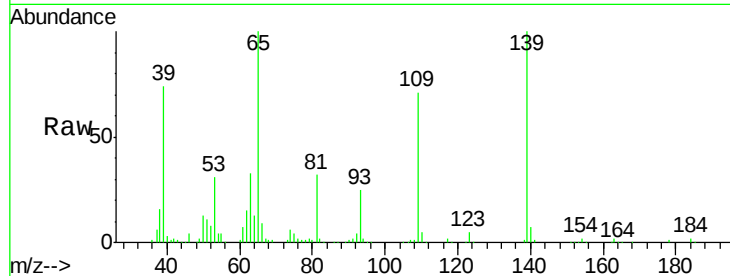
Tot Ion:139 Resp: 295467

Ion Ratio Lower Upper

139 100

109 71.2 36.9 76.9

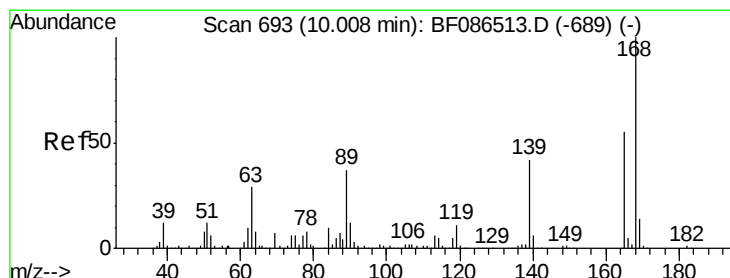
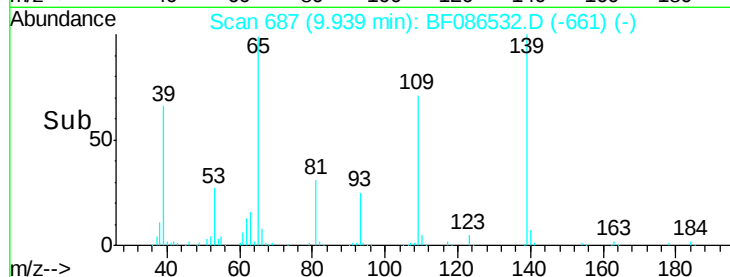
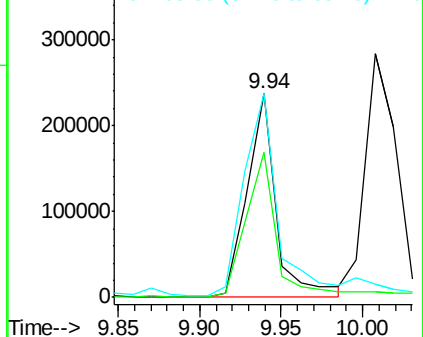
65 99.9 64.0 104.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.29 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:165 Resp: 231127

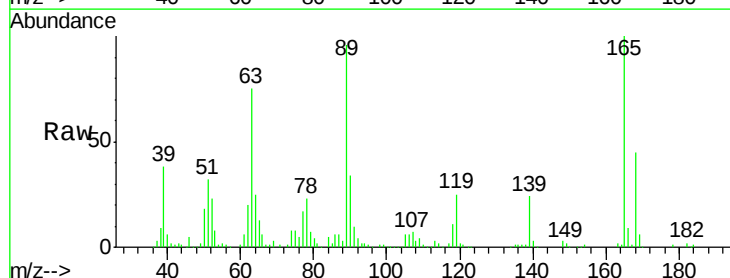
Ion Ratio Lower Upper

165 100

63 74.6 44.3 66.5#

89 96.1 70.0 105.0

182 2.4 1.8 2.6

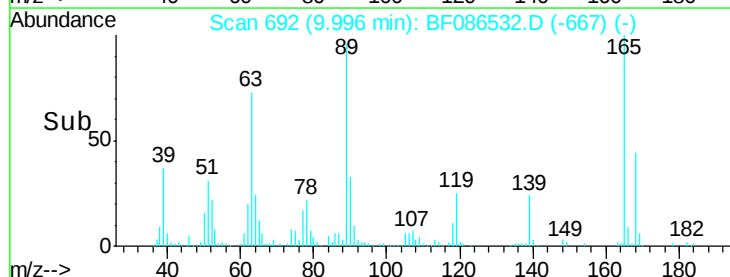
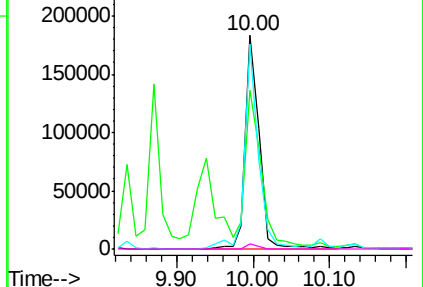


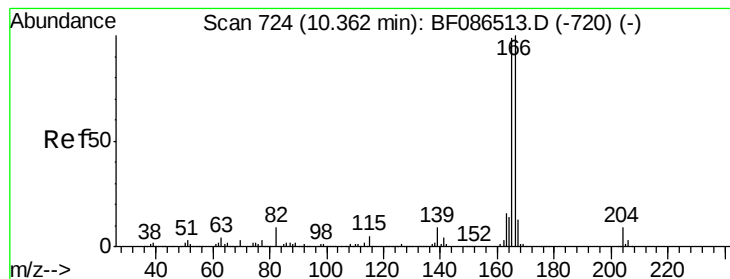
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.78 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

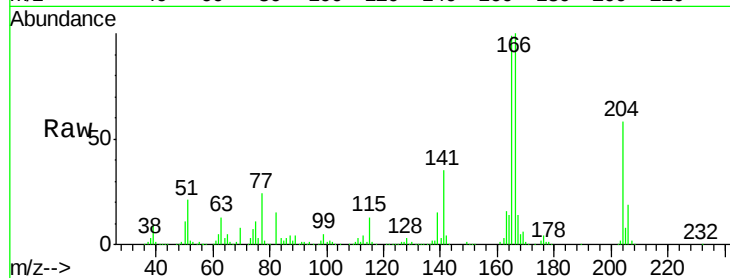
Tot Ion:166 Resp: 683032

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.6

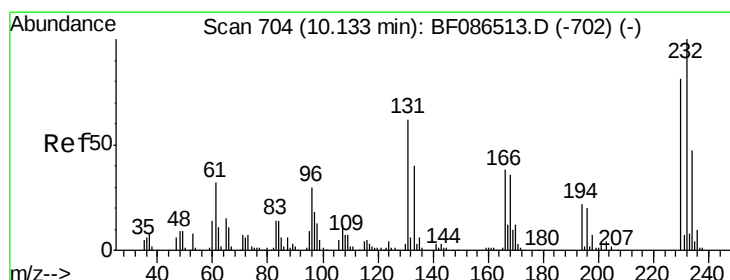
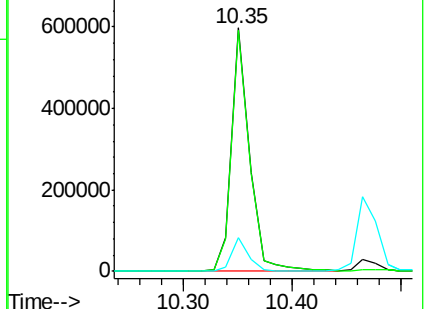
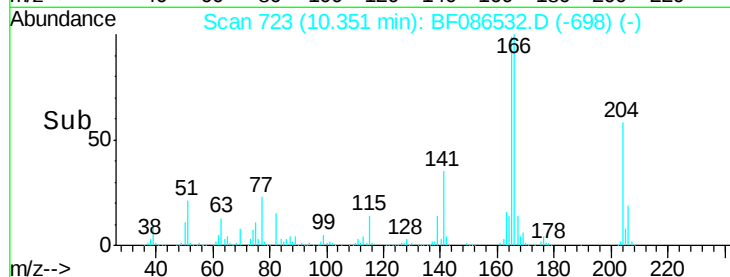
167 14.0 10.6 15.8



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: 47.79 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:232 Resp: 203125

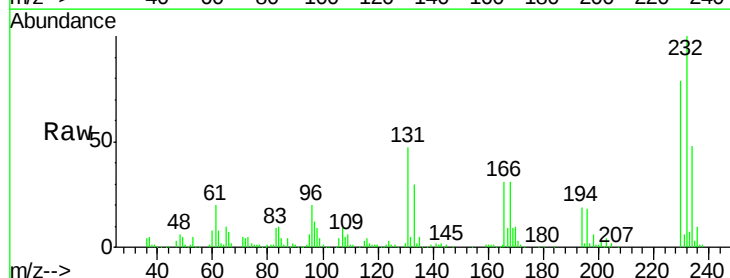
Ion Ratio Lower Upper

232 100

131 50.9 41.9 62.9

130 2.4 2.2 3.4

166 31.3 26.8 40.2

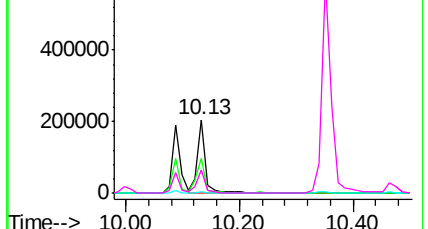
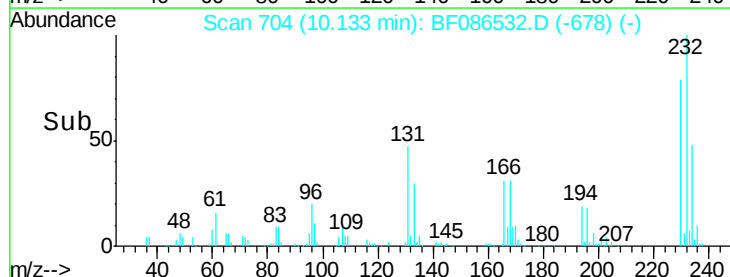


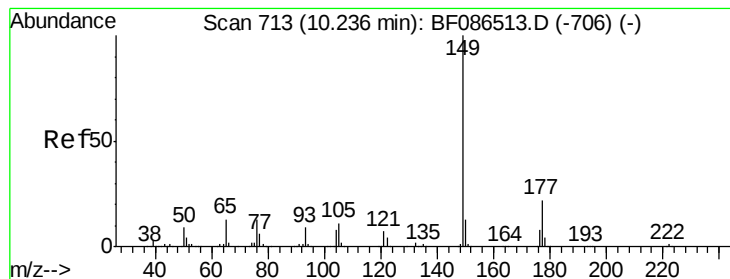
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.90 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

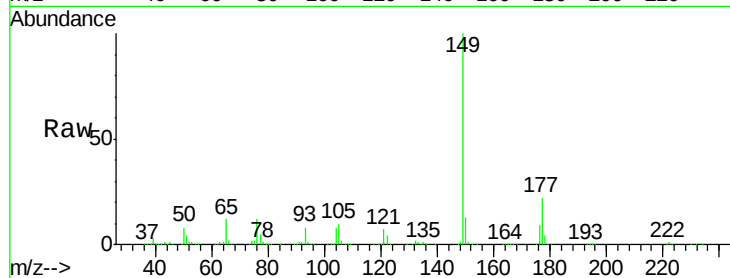
Tot Ion:149 Resp: 803555

Ion Ratio Lower Upper

149 100

177 22.1 16.6 24.8

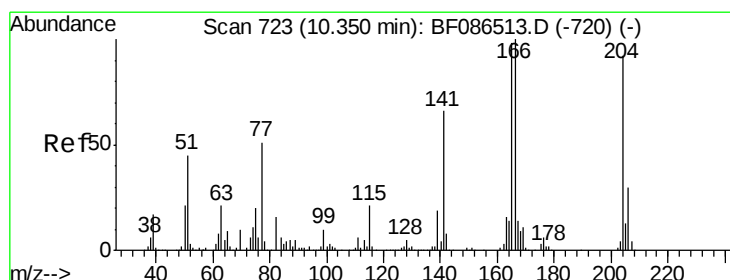
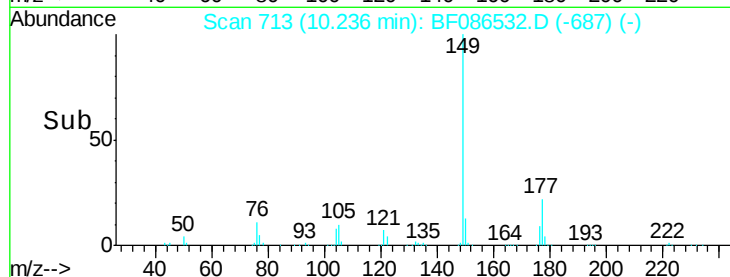
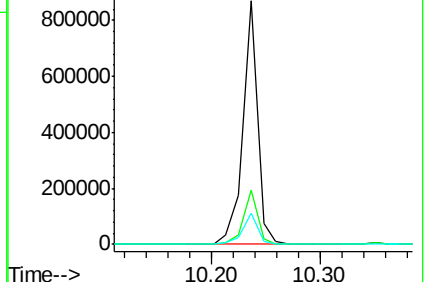
150 12.8 10.0 15.0



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: 40.31 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

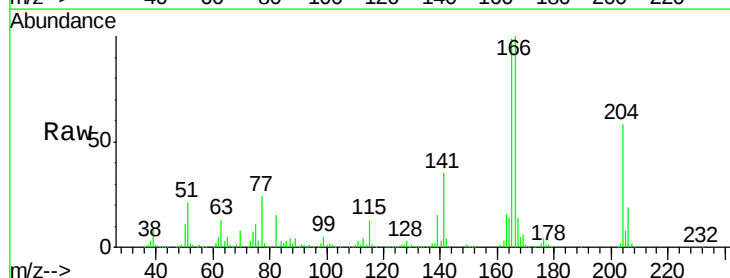
Tgt Ion:204 Resp: 349315

Ion Ratio Lower Upper

204 100

206 32.7 25.4 38.0

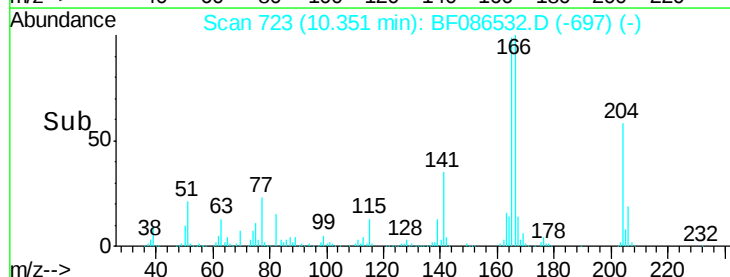
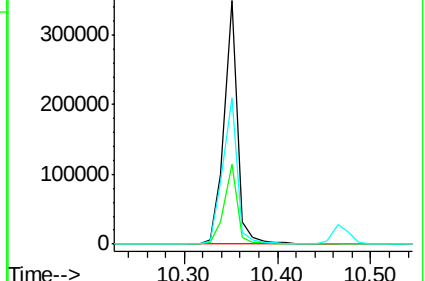
141 60.0 61.6 92.4#

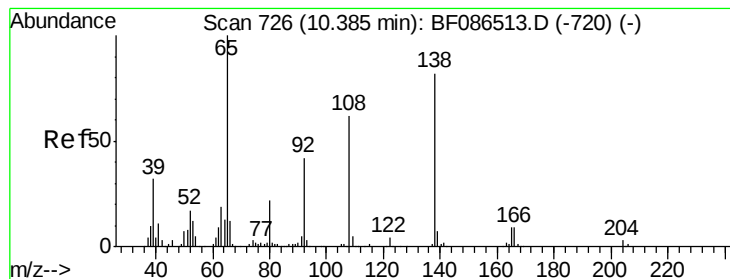


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.81 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampled :

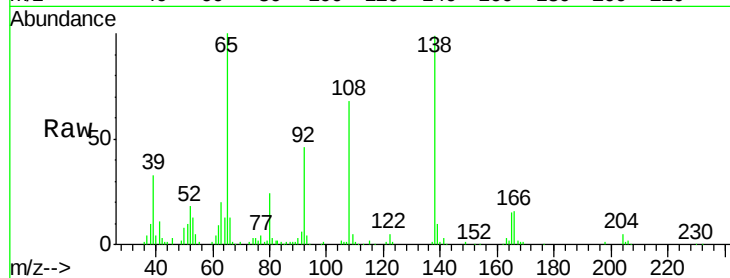
Tot Ion:138 Resp: 208809

Ion Ratio Lower Upper

138 100

92 46.3 24.7 64.7

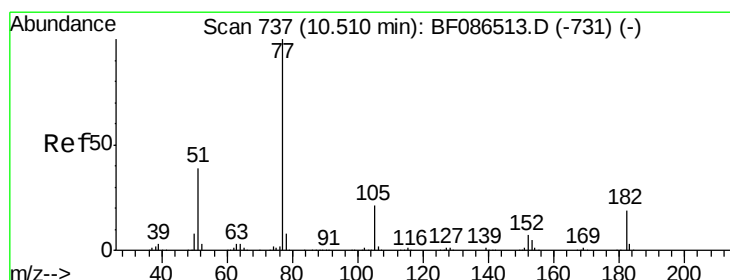
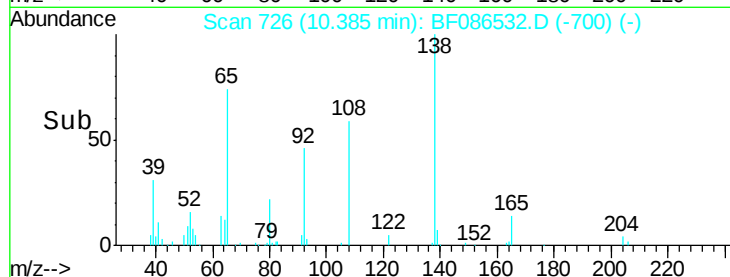
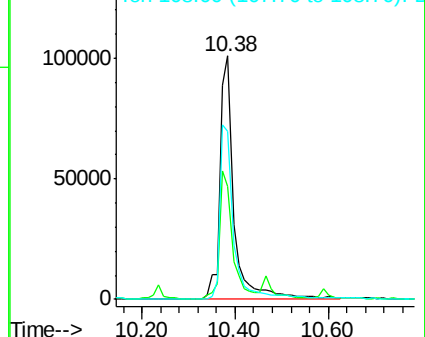
108 69.2 37.4 77.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.19 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion: 77 Resp: 972311

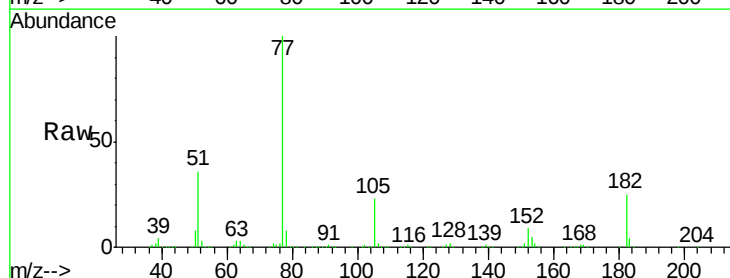
Ion Ratio Lower Upper

77 100

182 25.1 0.0 38.8

105 22.9 3.2 43.2

51 36.4 8.8 48.8

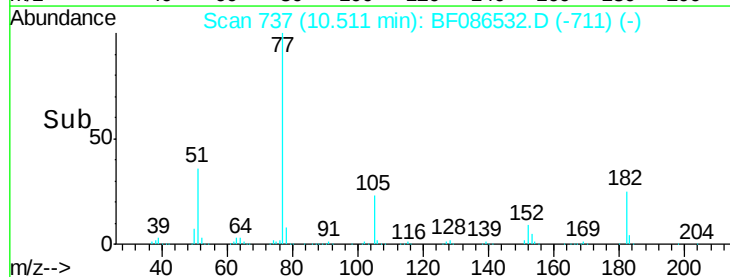
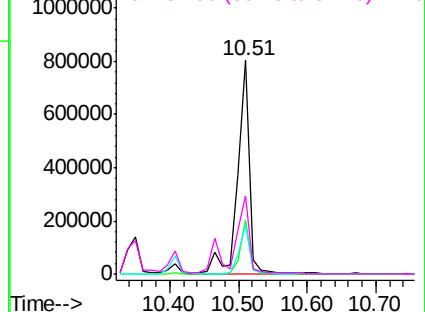


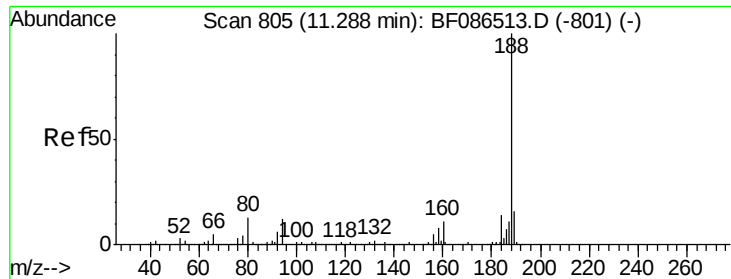
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :

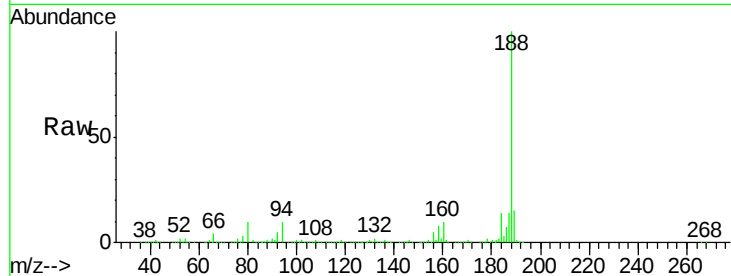
Tot Ion:188 Resp: 548091

Ion Ratio Lower Upper

188 100

94 9.6 6.8 10.2

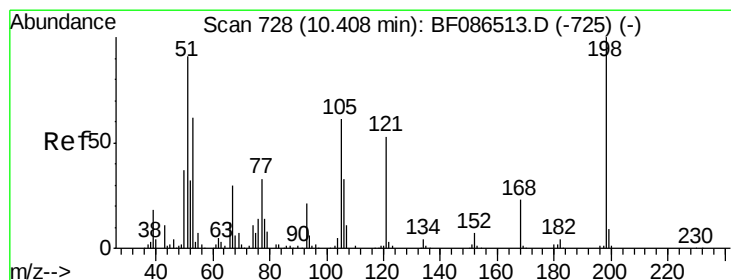
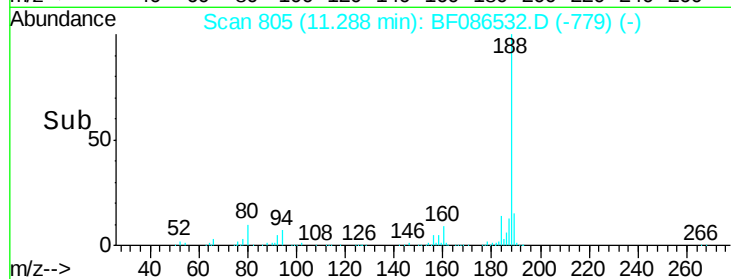
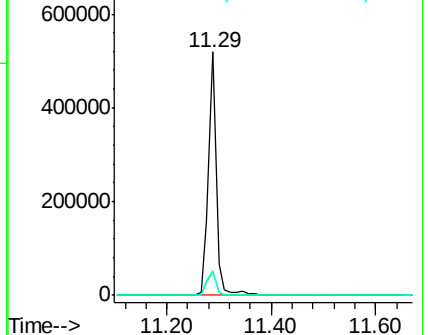
80 10.3 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.47 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

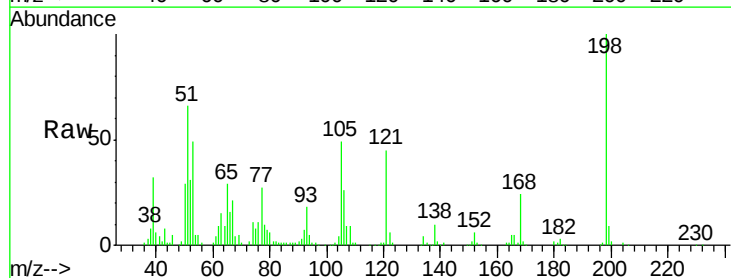
Tgt Ion:198 Resp: 130227

Ion Ratio Lower Upper

198 100

51 65.5 20.5 60.5#

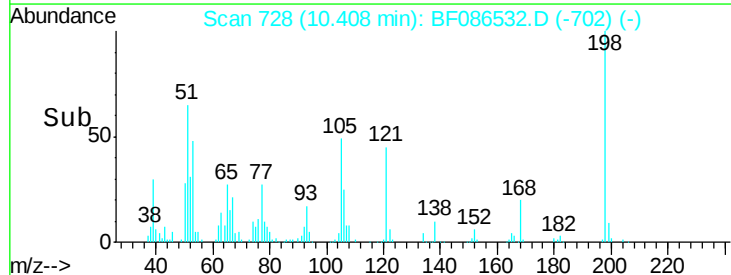
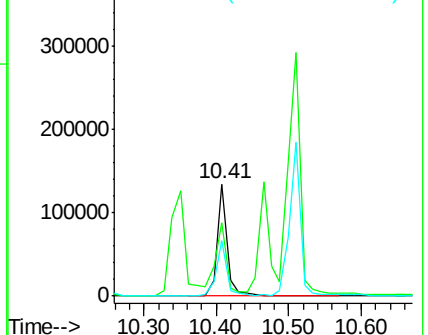
105 49.4 24.5 64.5

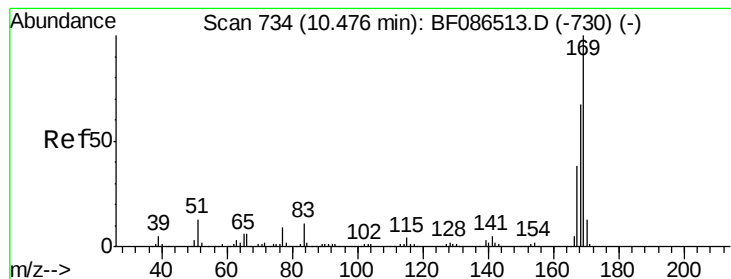


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.23 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

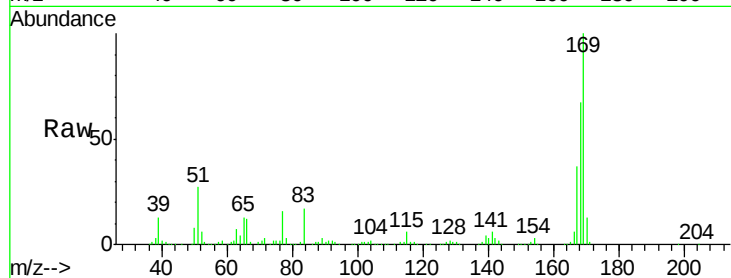
Tot Ion:169 Resp: 654862

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.6

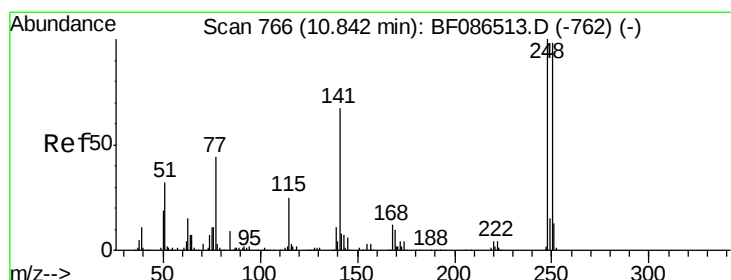
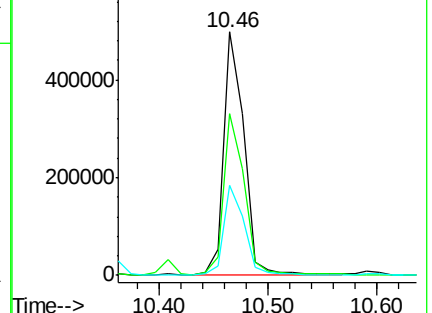
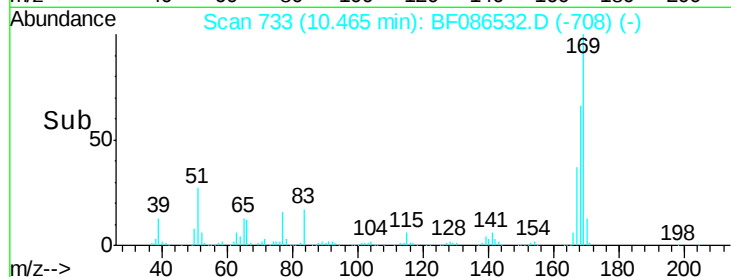
167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.17 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

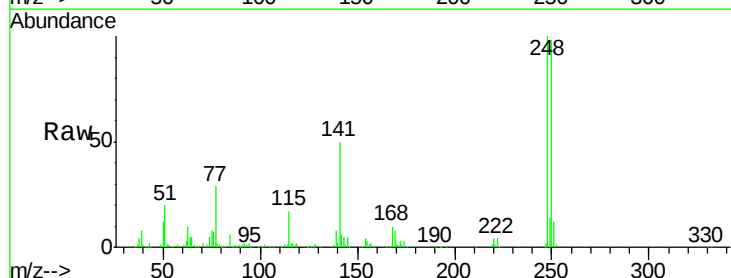
Tgt Ion:248 Resp: 215588

Ion Ratio Lower Upper

248 100

250 98.3 78.6 117.8

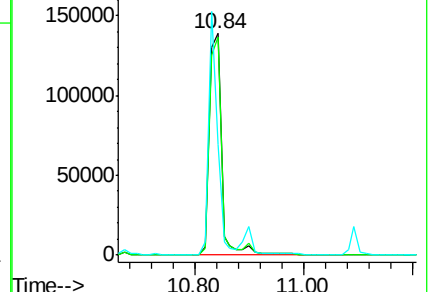
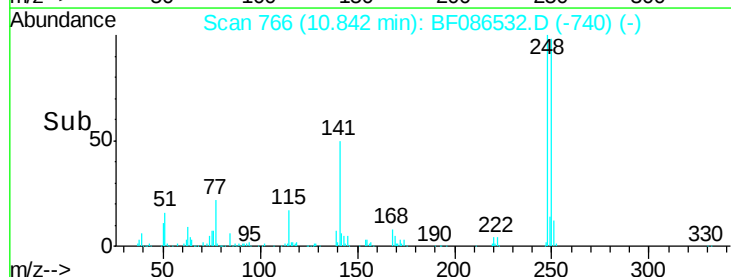
141 49.8 76.0 114.0#

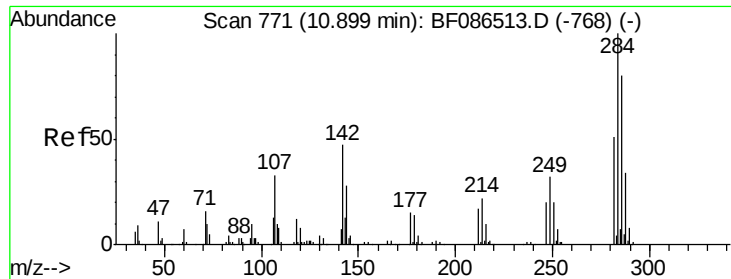


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.94 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

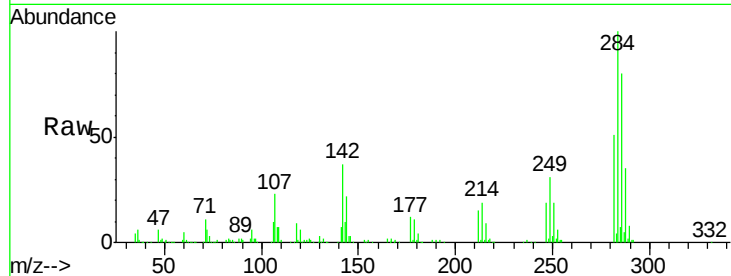
Tot Ion:284 Resp: 241498

Ion Ratio Lower Upper

284 100

142 37.1 16.7 25.1#

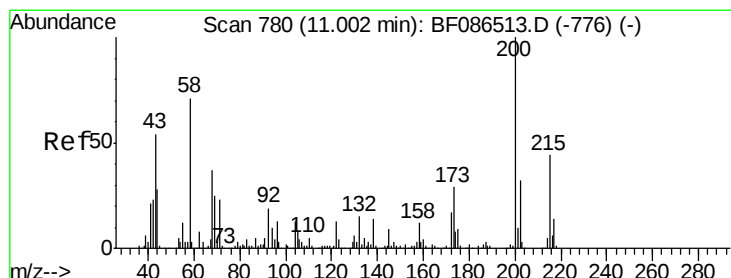
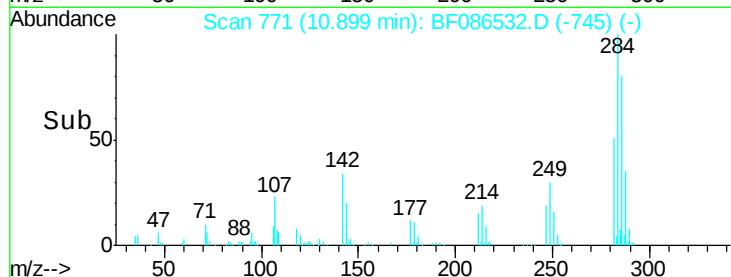
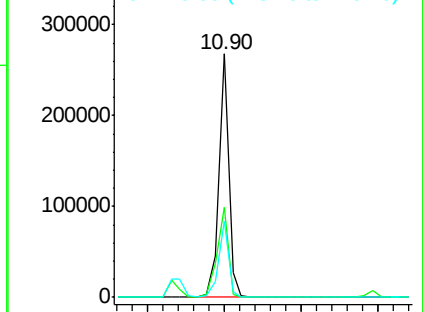
249 31.1 21.3 31.9



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: 46.60 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

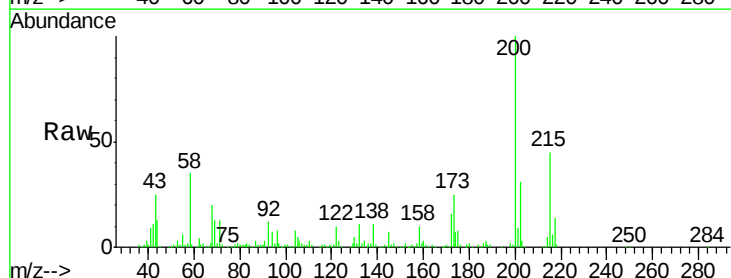
Tgt Ion:200 Resp: 239693

Ion Ratio Lower Upper

200 100

173 25.2 8.5 48.5

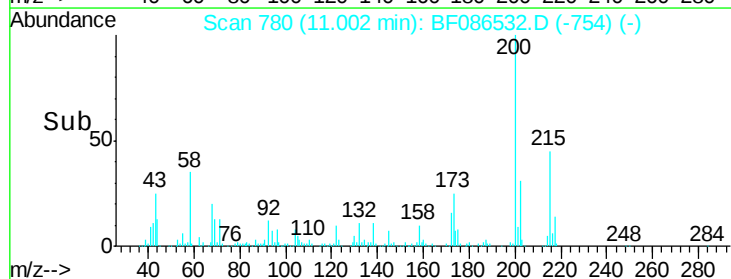
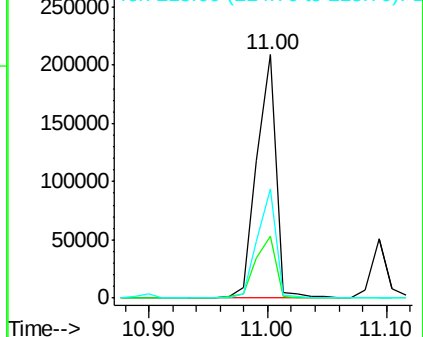
215 44.8 27.2 67.2

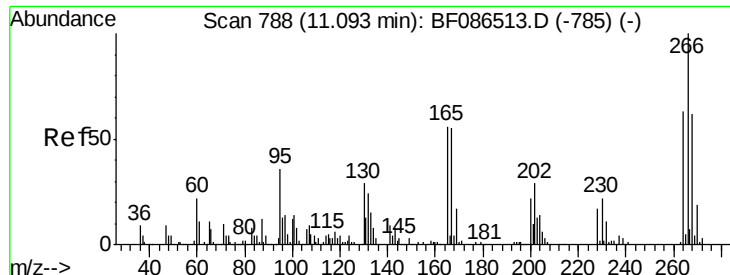


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

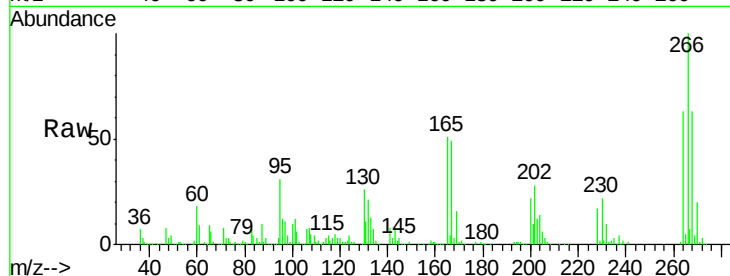




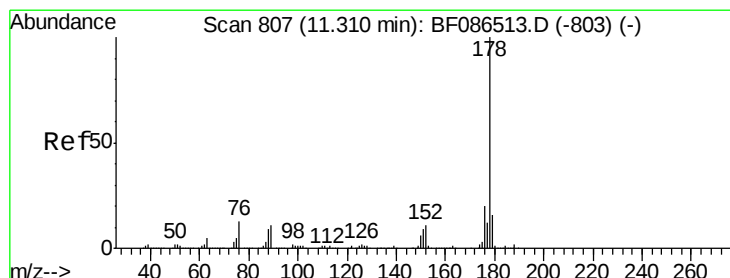
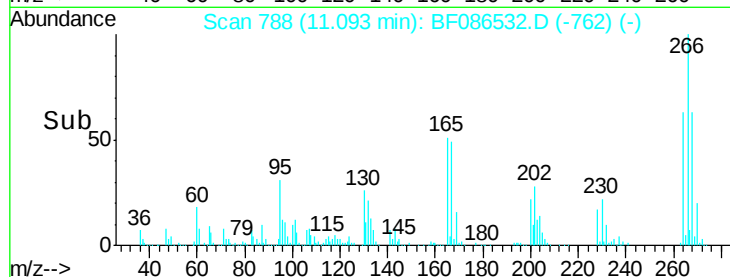
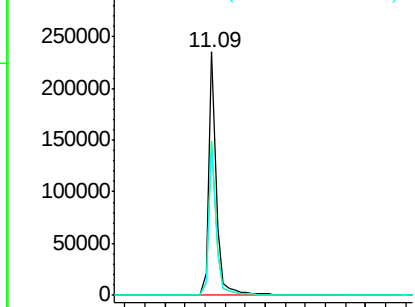
#69
 Pentachlorophenol
 Concen: 72.04 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 248289
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 63.0 52.9 79.3

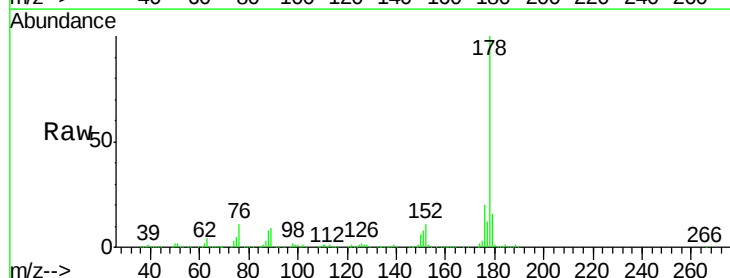


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

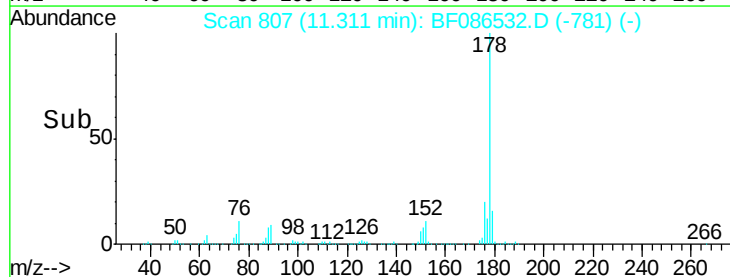
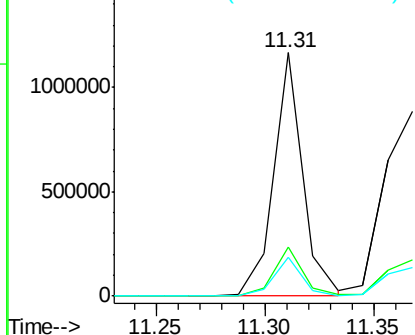


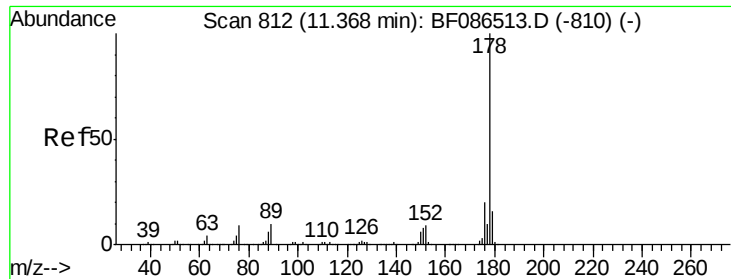
#70
 Phenanthrene
 Concen: 38.36 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:178 Resp: 1103201
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 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

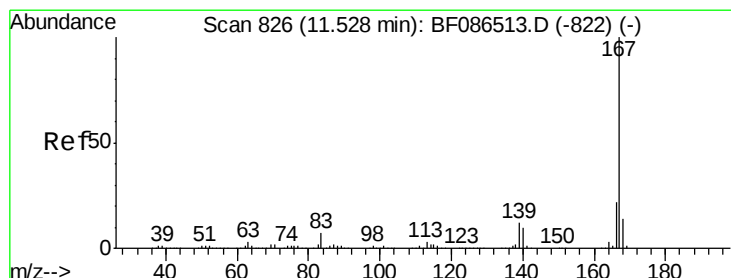
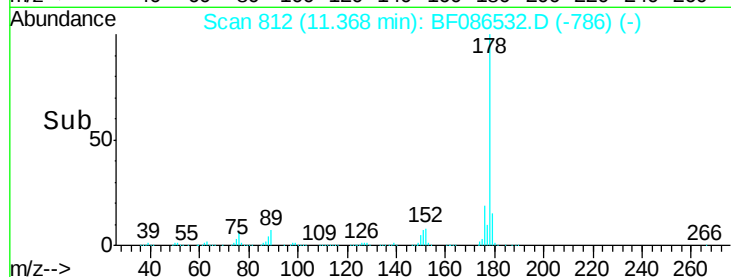
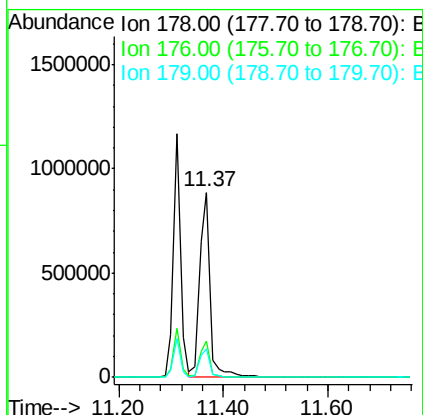
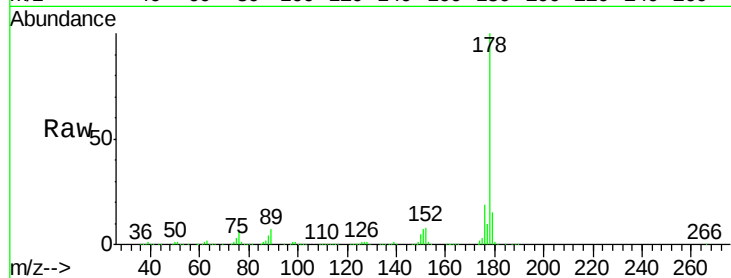




#71
 Anthracene
 Concen: 40.53 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

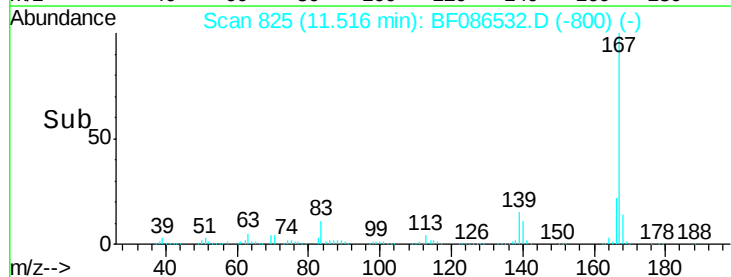
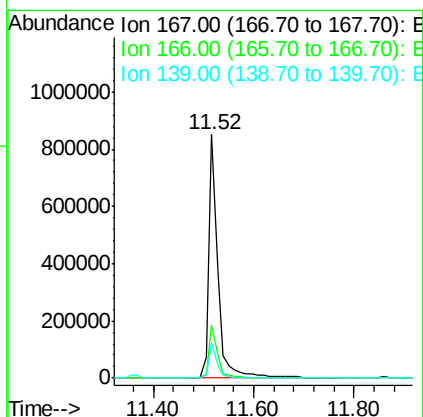
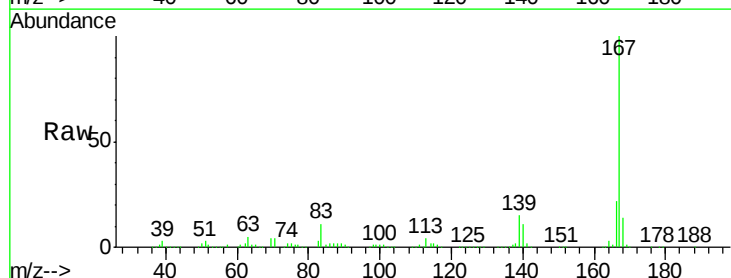
Instrument :
 BNA_F
 ClientSampleId :

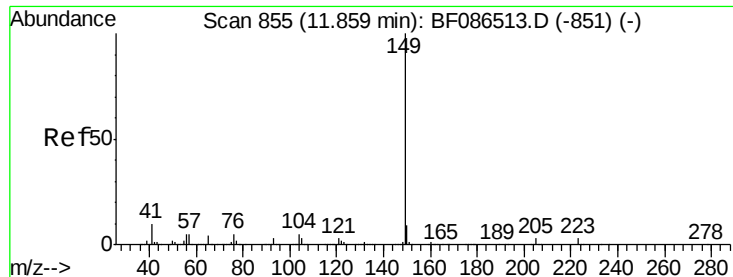
Tot Ion:178 Resp: 1244189
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 39.70 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:167 Resp: 1080087
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 14.5 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.91 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

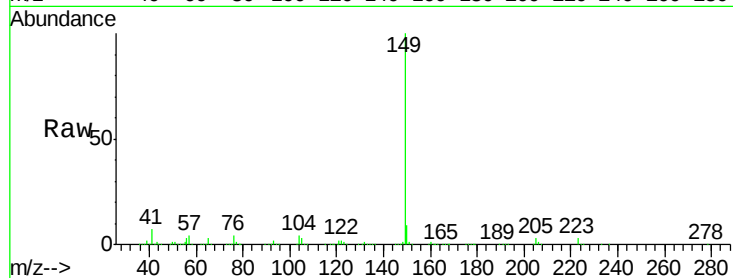
Tot Ion:149 Resp: 1260836

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

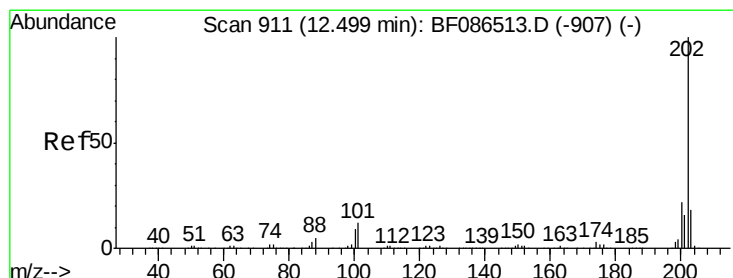
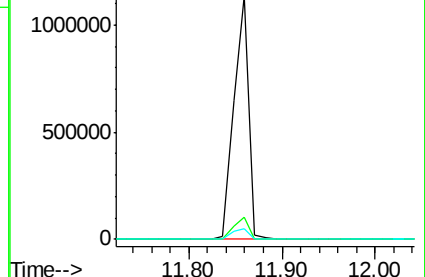
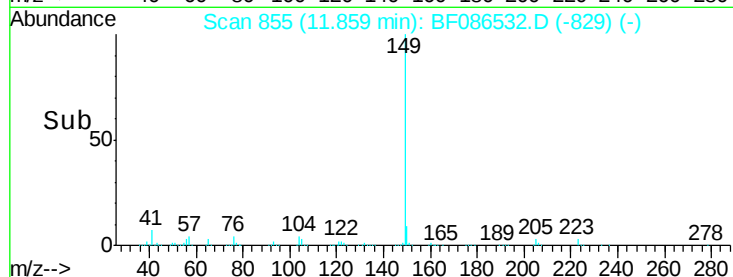
104 4.5 3.8 5.6



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: 41.13 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

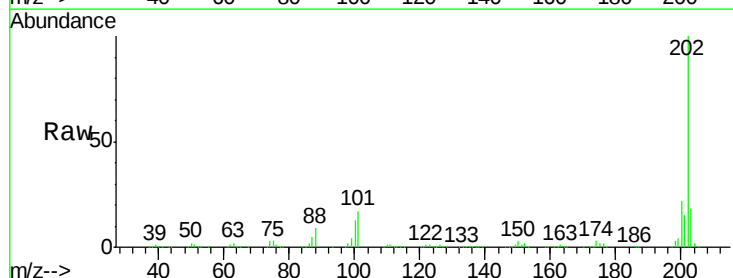
Tgt Ion:202 Resp: 1194120

Ion Ratio Lower Upper

202 100

101 16.8 0.0 35.4

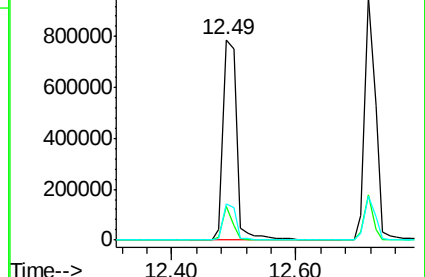
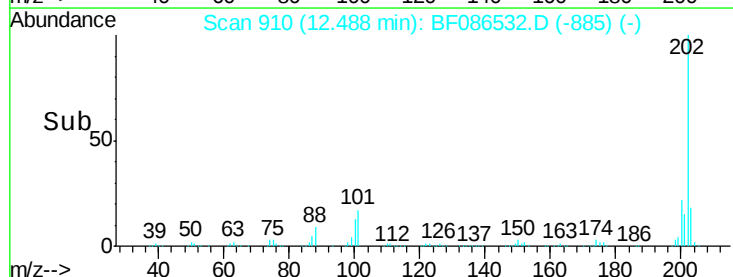
203 18.2 0.0 38.1

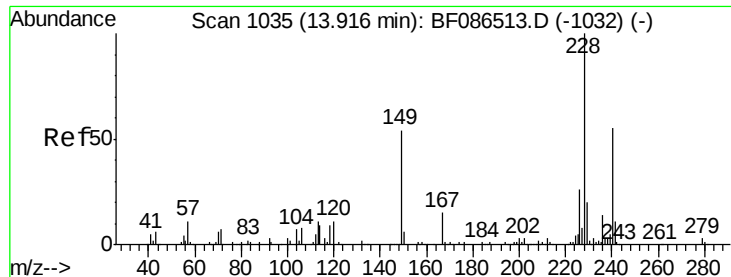


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

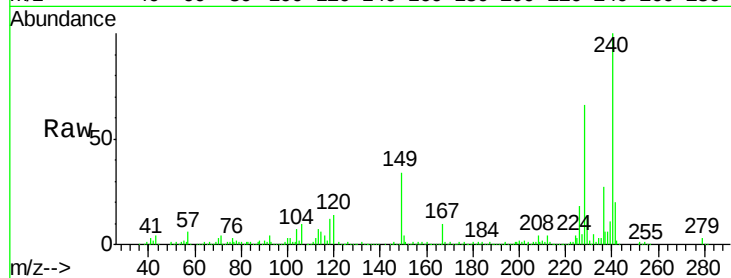
Tot Ion:240 Resp: 406695

Ion Ratio Lower Upper

240 100

120 14.1 11.2 16.8

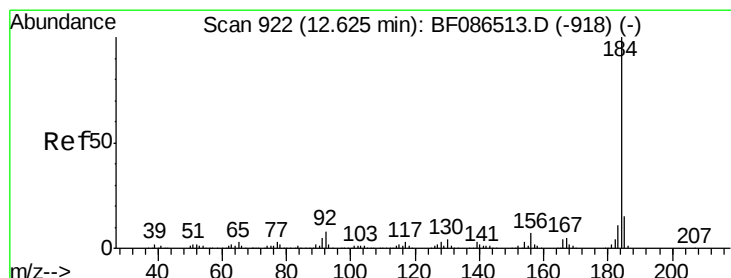
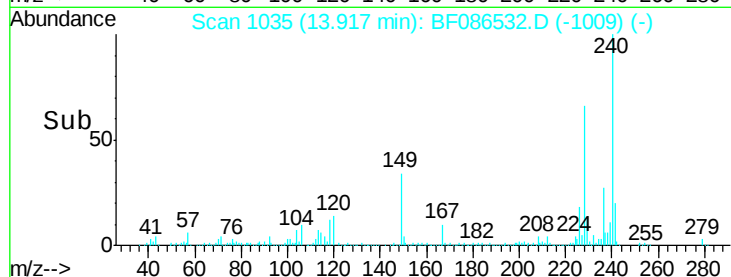
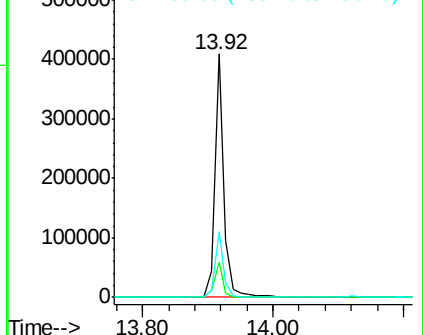
236 27.0 21.2 31.8



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: 25.42 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

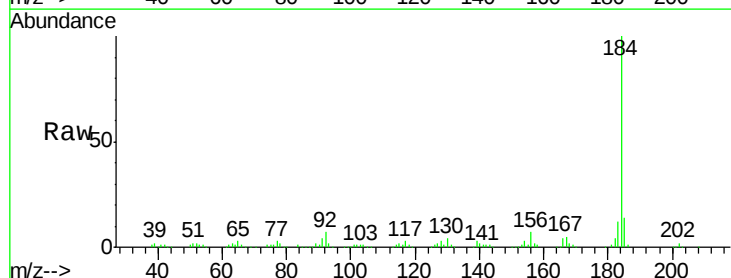
Tgt Ion:184 Resp: 355219

Ion Ratio Lower Upper

184 100

185 13.9 13.6 20.4

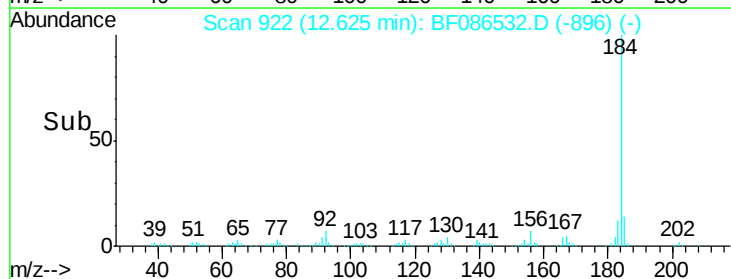
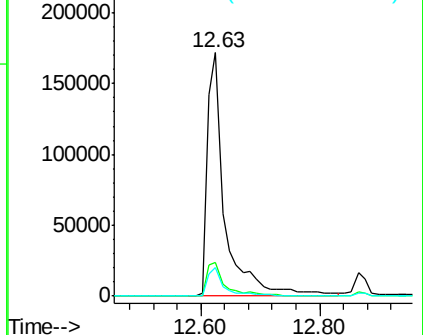
183 11.6 9.8 14.6

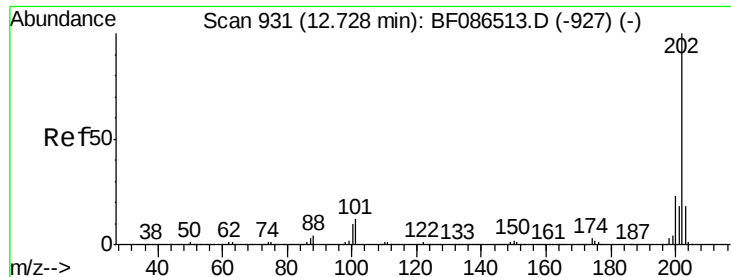


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

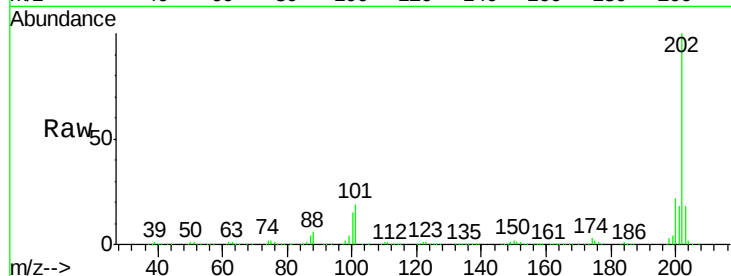




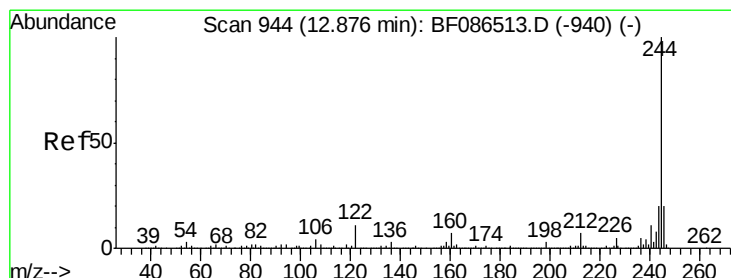
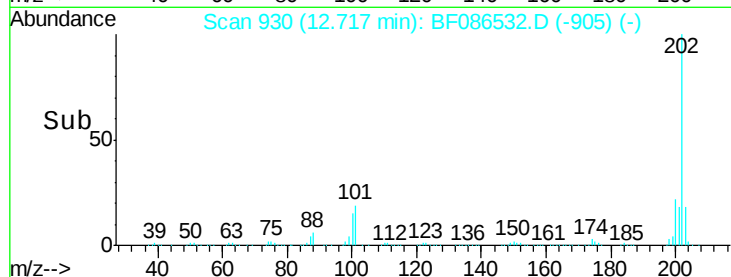
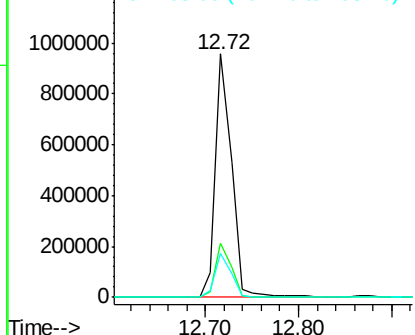
#77
Pvrene
Concen: 38.87 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1139116
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.1 14.2 21.4

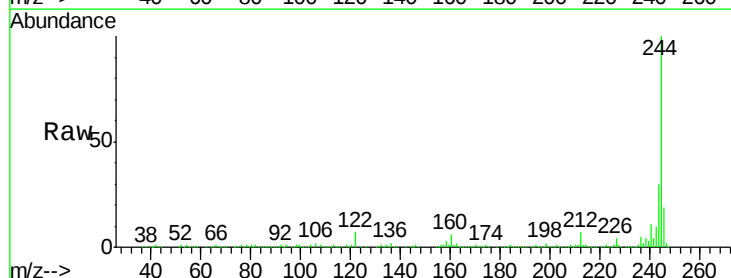


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

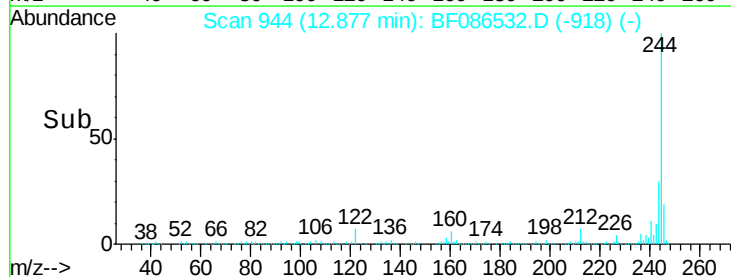
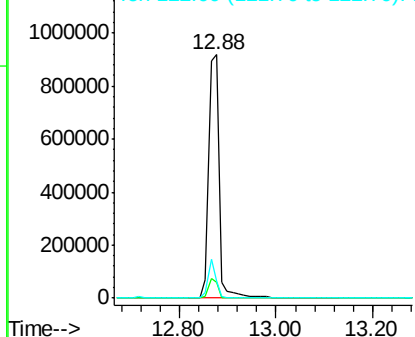


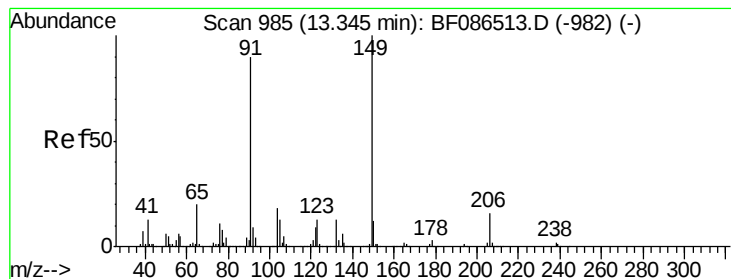
#78
Terphenyl-d14
Concen: 76.77 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF086532.D
Acq: 30 Apr 2016 19:14

Tgt Ion:244 Resp: 1417121
Ion Ratio Lower Upper
244 100
212 6.7 6.2 9.2
122 7.1 12.0 18.0#



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





#79

Butylbenzylphthalate

Concen: 38.74 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

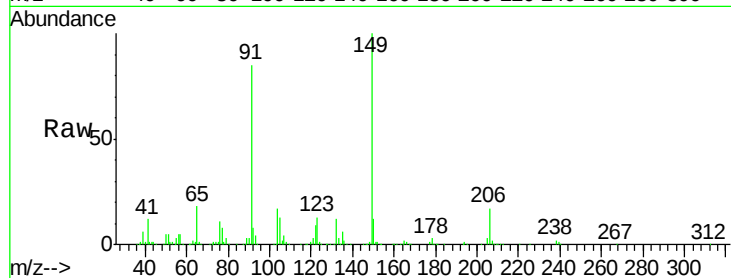
Tot Ion:149 Resp: 491703

Ion Ratio Lower Upper

149 100

91 85.0 48.0 72.0#

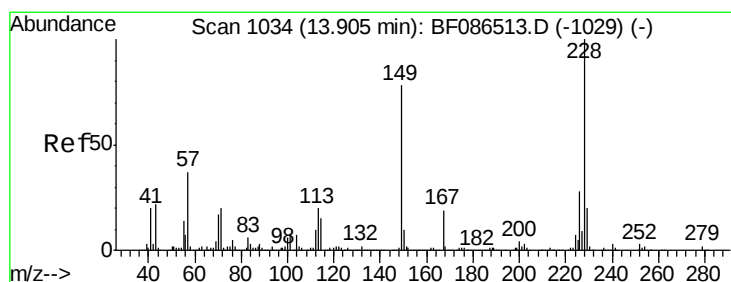
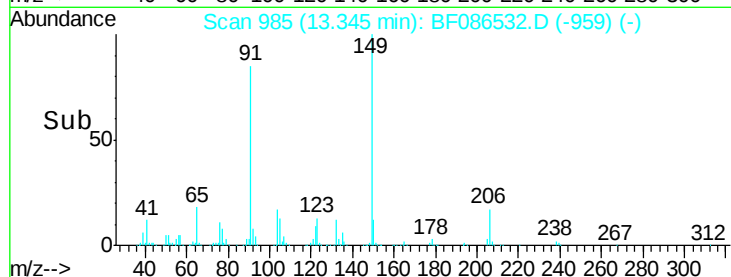
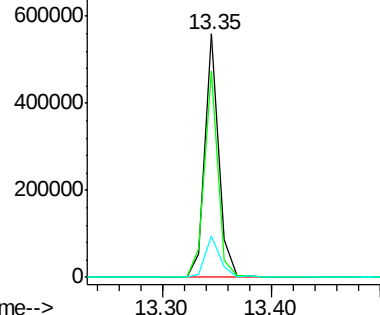
206 17.0 15.8 23.6



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: 41.19 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

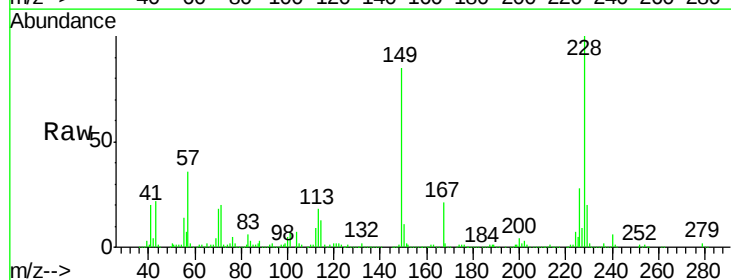
Tgt Ion:228 Resp: 893057

Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

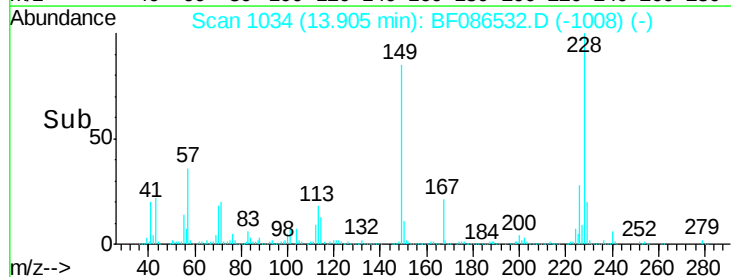
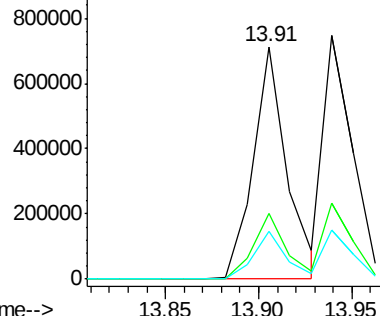
229 20.4 16.6 25.0

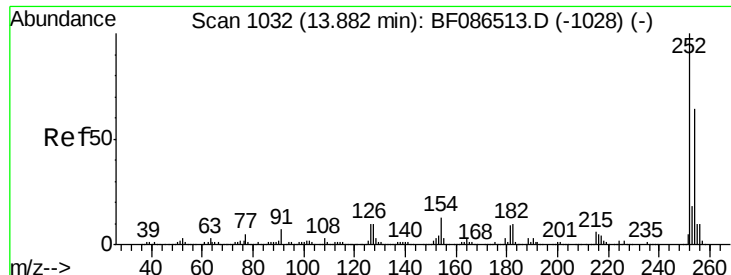


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

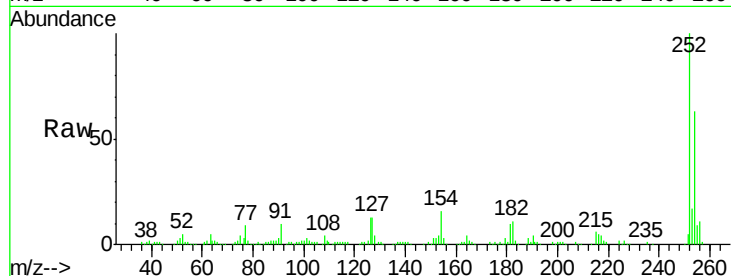




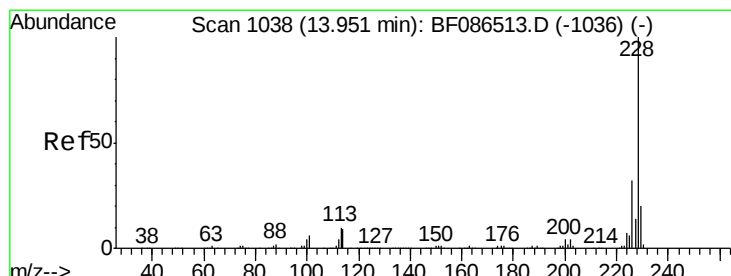
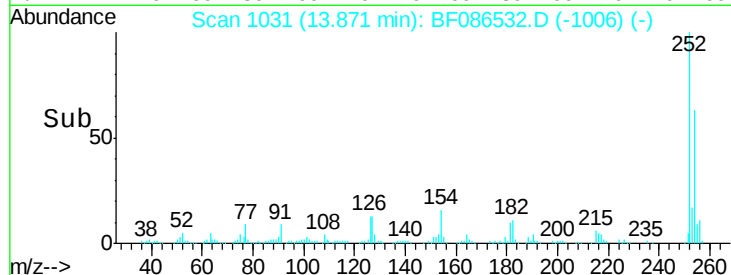
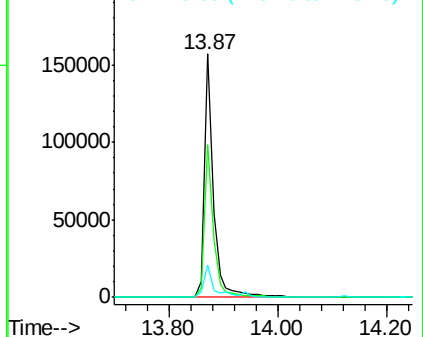
#81
 3,3'-Dichlorobenzidine
 Concen: 12.48 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 180917
 Ion Ratio Lower Upper
 252 100
 254 62.9 50.7 76.1
 126 13.4 12.7 19.1

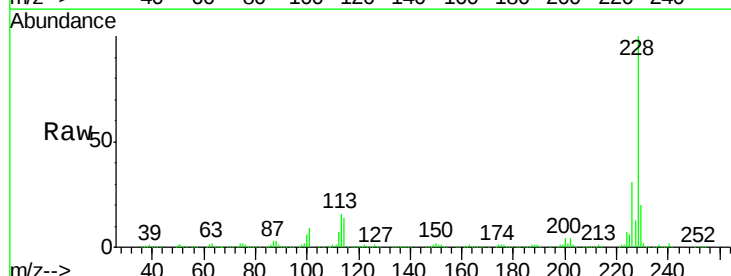


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

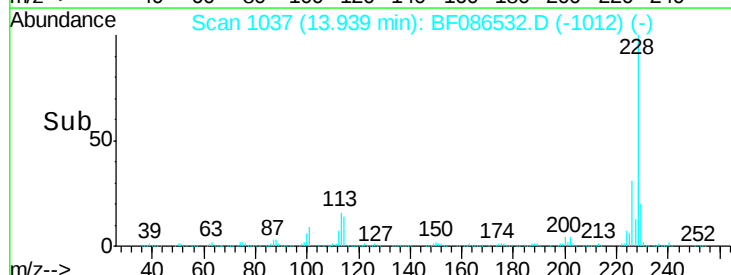
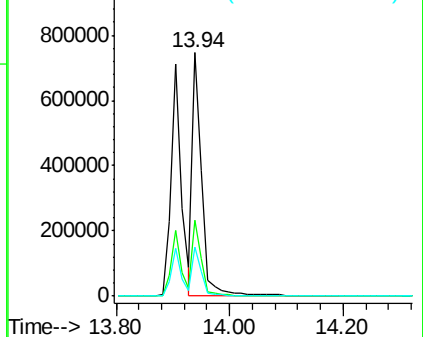


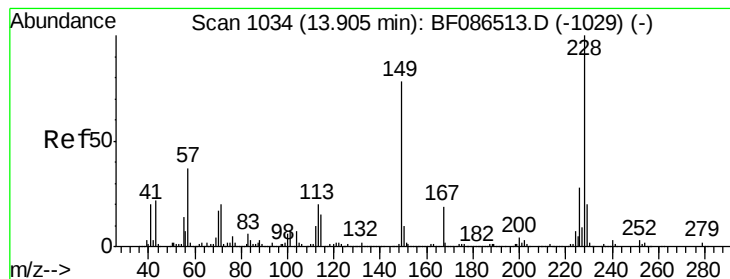
#82
 Chrysene
 Concen: 37.54 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Tgt Ion:228 Resp: 884852
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.3 15.8 23.8



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.23 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

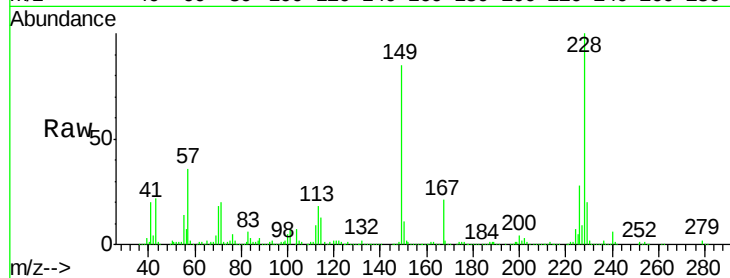
Tot Ion:149 Resp: 554997

Ion Ratio Lower Upper

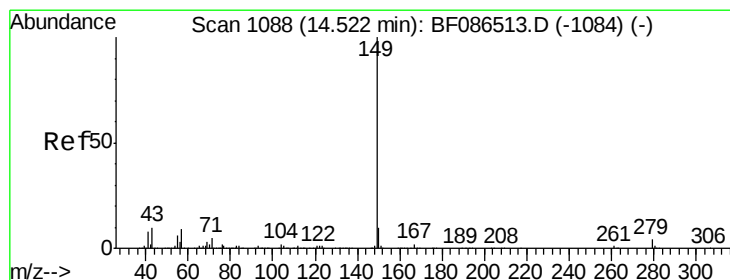
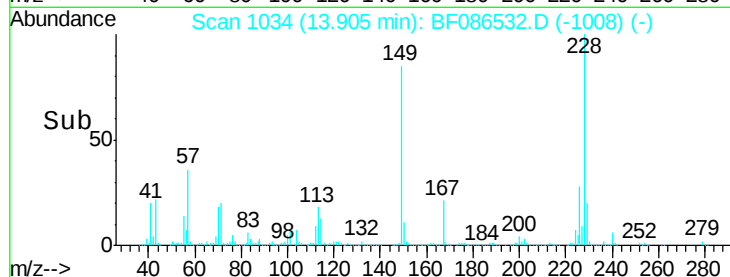
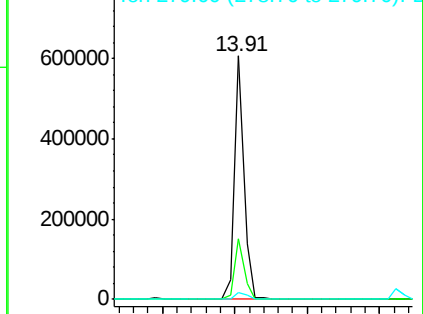
149 100

167 24.9 21.8 32.6

279 2.6 2.6 4.0#



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



#84

Di-n-octyl phthalate

Concen: 36.53 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

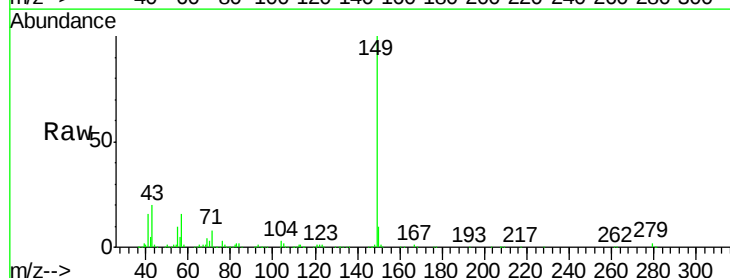
Tgt Ion:149 Resp: 901324

Ion Ratio Lower Upper

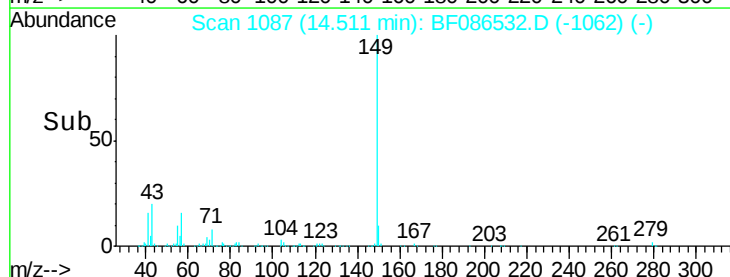
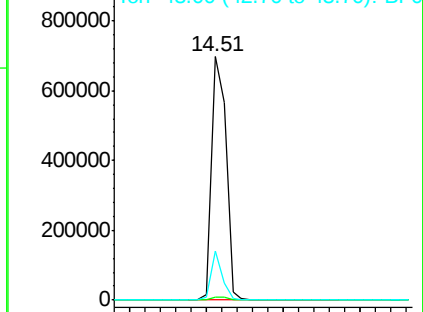
149 100

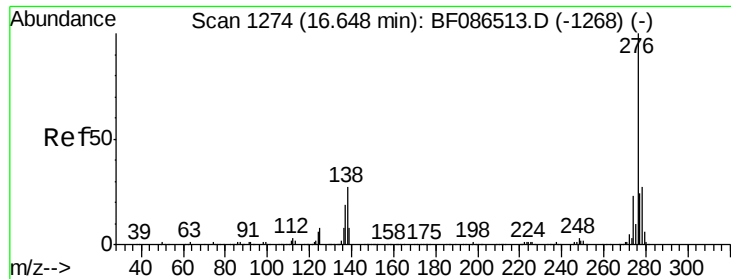
167 1.5 1.2 1.8

43 15.3 8.2 12.4#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.12 ng

RT: 16.65 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

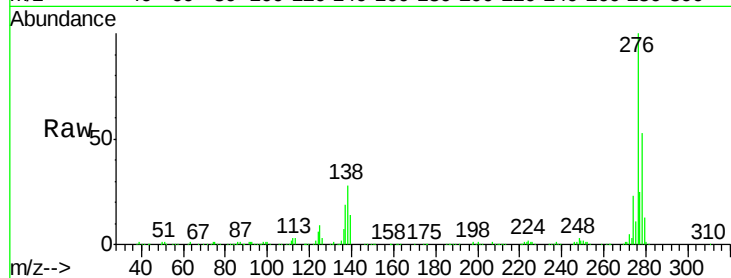
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 787907

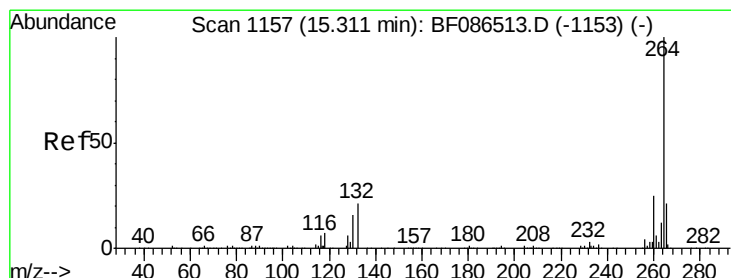
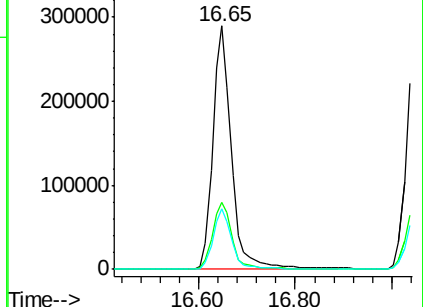
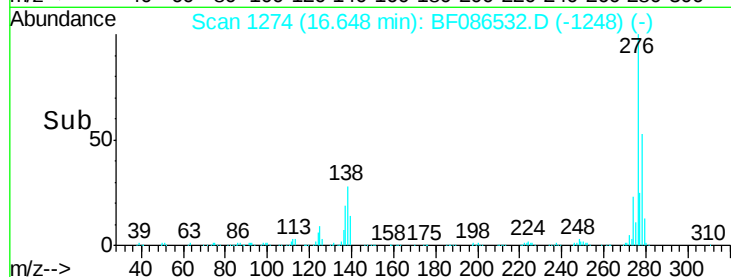
Ion	Ratio	Lower	Upper
276	100		
138	29.1	25.6	38.4
277	25.1	20.5	30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

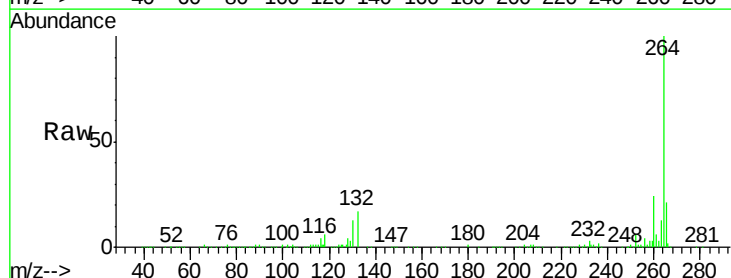
Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Tgt Ion:264 Resp: 319846

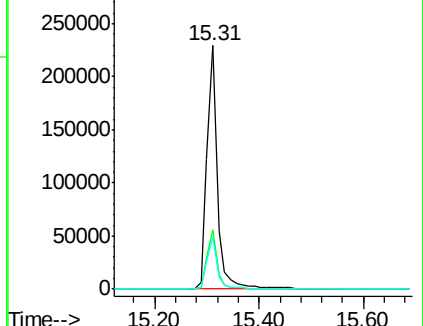
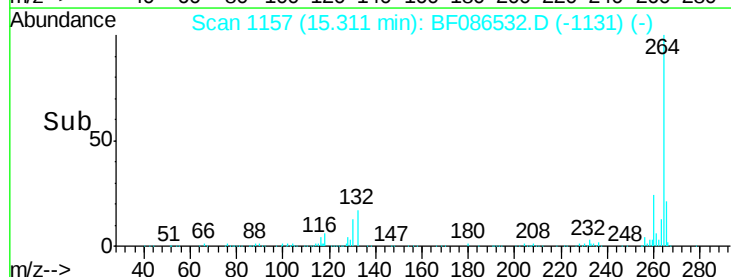
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.3	17.3	25.9

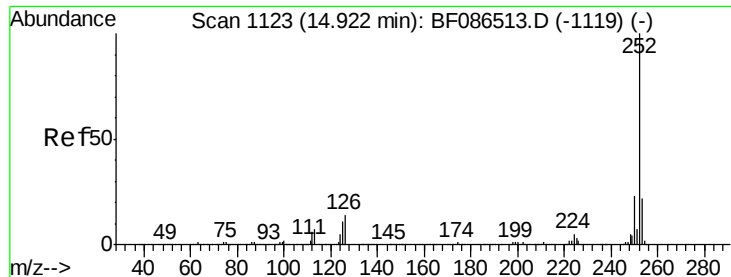


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 85.18 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

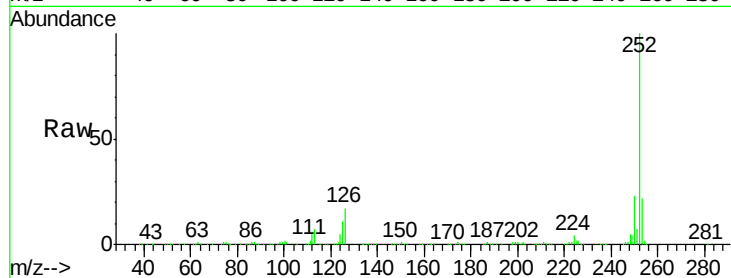
Tot Ion:252 Resp: 1602750

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

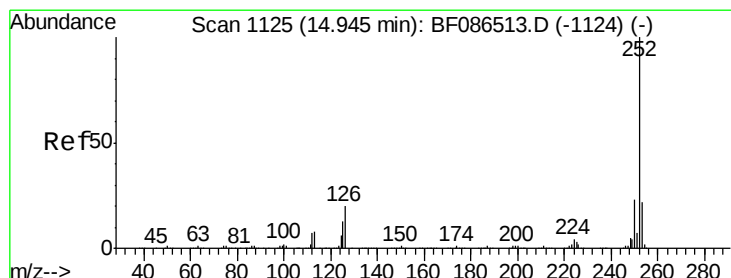
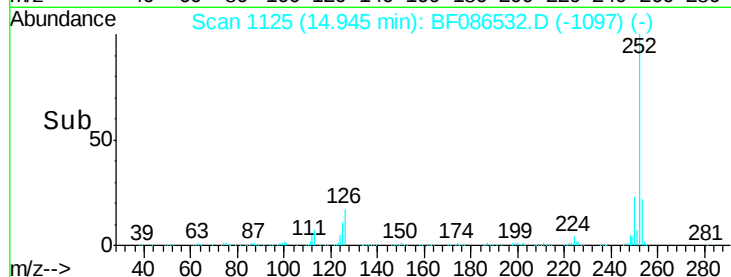
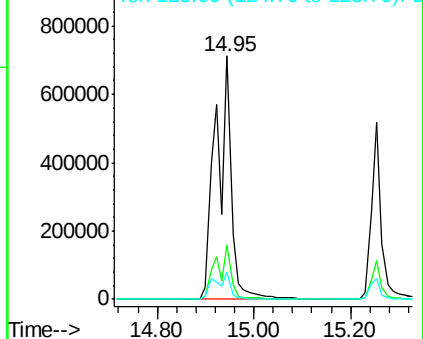
125 11.3 11.4 17.0#



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: 81.71 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

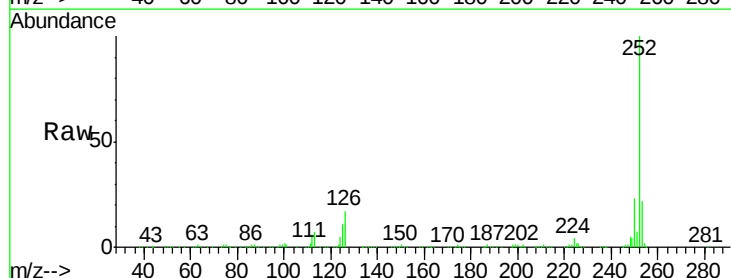
Tgt Ion:252 Resp: 1603709

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

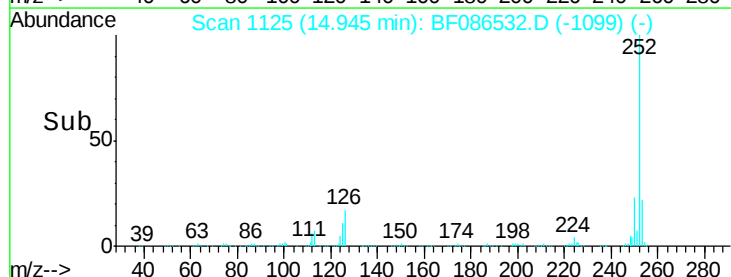
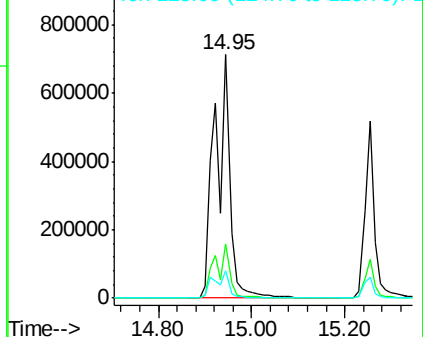
125 11.3 9.1 13.7

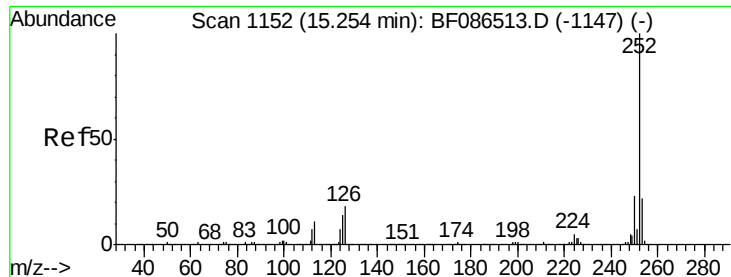


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.56 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

Instrument :

BNA_F

ClientSampleId :

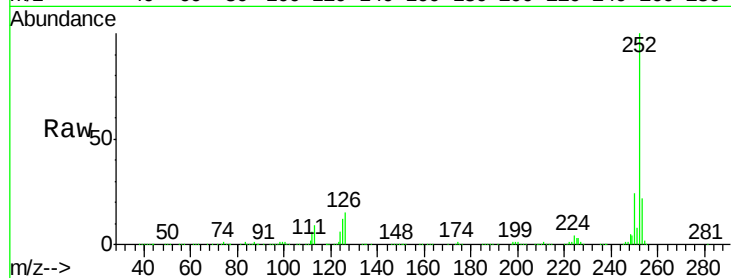
Tot Ion:252 Resp: 738255

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

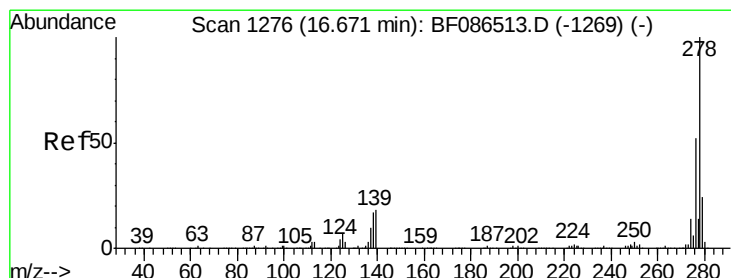
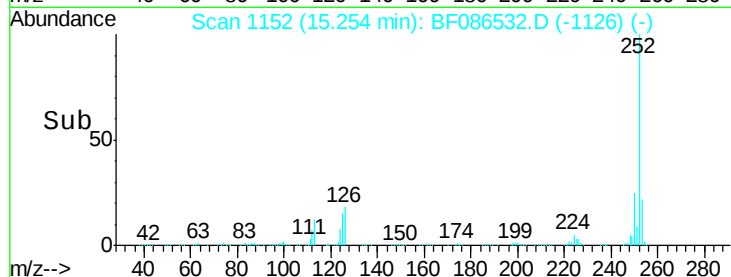
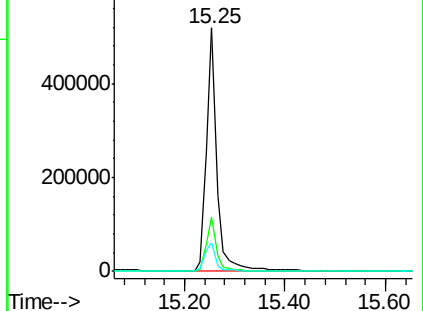
125 11.9 9.0 13.6



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: 45.12 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086532.D

Acq: 30 Apr 2016 19:14

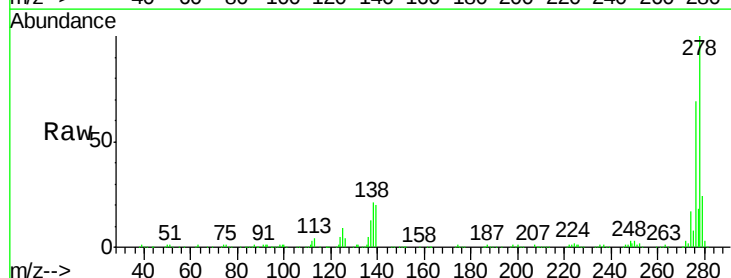
Tgt Ion:278 Resp: 655896

Ion Ratio Lower Upper

278 100

139 19.6 16.6 24.8

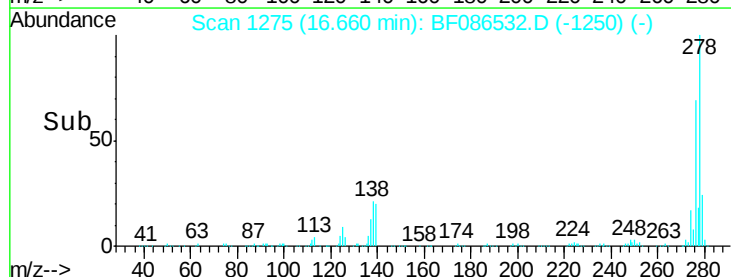
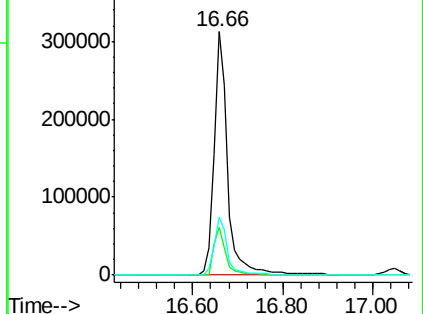
279 24.1 19.6 29.4

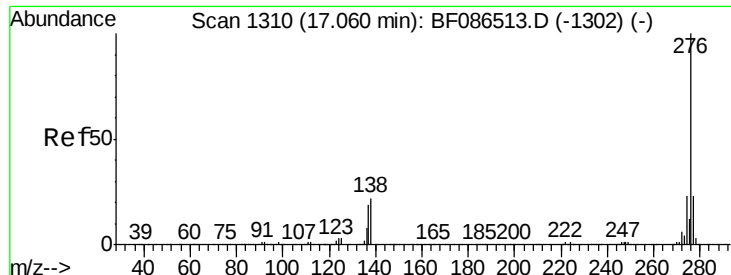


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

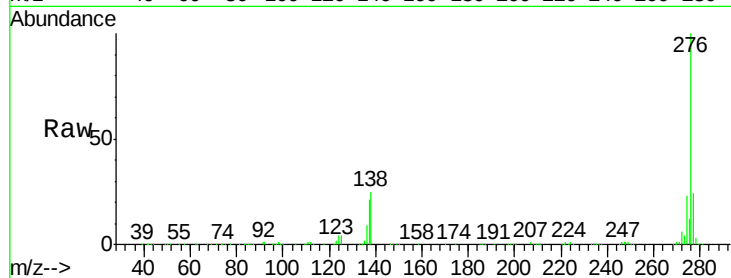




#91
 Benzo(a,h,i)perylene
 Concen: 45.93 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086532.D
 Acq: 30 Apr 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 669214
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.6 29.4
 138 25.2 23.6 35.4



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

