

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081882.D
 Acq On : 29 Sep 2015 16:26
 Operator : UM/IZ
 Sample : PB85676BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Quant Time: Sep 30 00:39:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	82860	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	321930	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	175234	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	361992	20.00	ng	-0.01
75) Chrysene-d12	14.10	240	359916	20.00	ng	-0.01
86) Perylene-d12	15.57	264	309695	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	517863	113.45	ng	0.00
7) Phenol-d6	6.55	99	700536	121.97	ng	-0.01
23) Nitrobenzene-d5	7.49	82	447450	92.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	250782	141.31	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	930447	89.84	ng	-0.01
78) Terphenyl-d14	13.04	244	1036046	96.56	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	56563	28.49	ng	89
3) Pyridine	3.37	79	147546	28.55	ng	90
4) n-Nitrosodimethylamine	3.33	42	67194	28.63	ng	95
6) Aniline	6.58	93	202048	26.18	ng	# 80
8) 2-Chlorophenol	6.71	128	195728	38.83	ng	99
9) Benzaldehyde	6.47	77	66199	17.60	ng	# 81
10) Phenol	6.56	94	242427	37.63	ng	# 53
11) bis(2-Chloroethyl)ether	6.66	93	222233	44.48	ng	91
12) 1,3-Dichlorobenzene	6.86	146	237572	39.90	ng	# 92
13) 1,4-Dichlorobenzene	7.10	146	225660	36.30	ng	97
14) 1,2-Dichlorobenzene	7.10	146	235445	42.50	ng	99
15) Benzyl Alcohol	7.07	79	175314	42.28	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.20	45	310972	44.02	ng	78
17) 2-Methylphenol	7.18	107	179817	44.00	ng	# 84
18) Hexachloroethane	7.43	117	80160	41.19	ng	88
19) n-Nitroso-di-n-propylamine	7.34	70	144418	41.37	ng	# 77
20) 3+4-Methylphenols	7.33	107	202782	39.29	ng	# 64
22) Acetophenone	7.34	105	293778	44.63	ng	# 81
24) Nitrobenzene	7.51	77	230677	43.99	ng	# 70
25) Isophorone	7.75	82	412713	43.12	ng	# 93
26) 2-Nitrophenol	7.83	139	107278	42.62	ng	# 74
27) 2,4-Dimethylphenol	7.86	122	201363	45.47	ng	# 79
28) bis(2-Chloroethoxy)methane	7.95	93	245417	43.17	ng	# 91
29) 2,4-Dichlorophenol	8.07	162	185191	43.13	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	201284	41.99	ng	97
31) Naphthalene	8.23	128	622104	43.61	ng	97
32) Benzoic acid	7.99	122	96658	38.25	ng	# 75
33) 4-Chloroaniline	8.29	127	130606	21.17	ng	# 90
34) Hexachlorobutadiene	8.34	225	125385	44.23	ng	98
35) Caprolactam	8.65	113	52429	44.11	ng	# 74
36) 4-Chloro-3-methylphenol	8.77	107	186440	44.40	ng	84
37) 2-Methylnaphthalene	8.93	142	444348	45.63	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	214182	39.81	ng	99
40) Hexachlorocyclopentadiene	9.07	237	257552	92.97	ng	98

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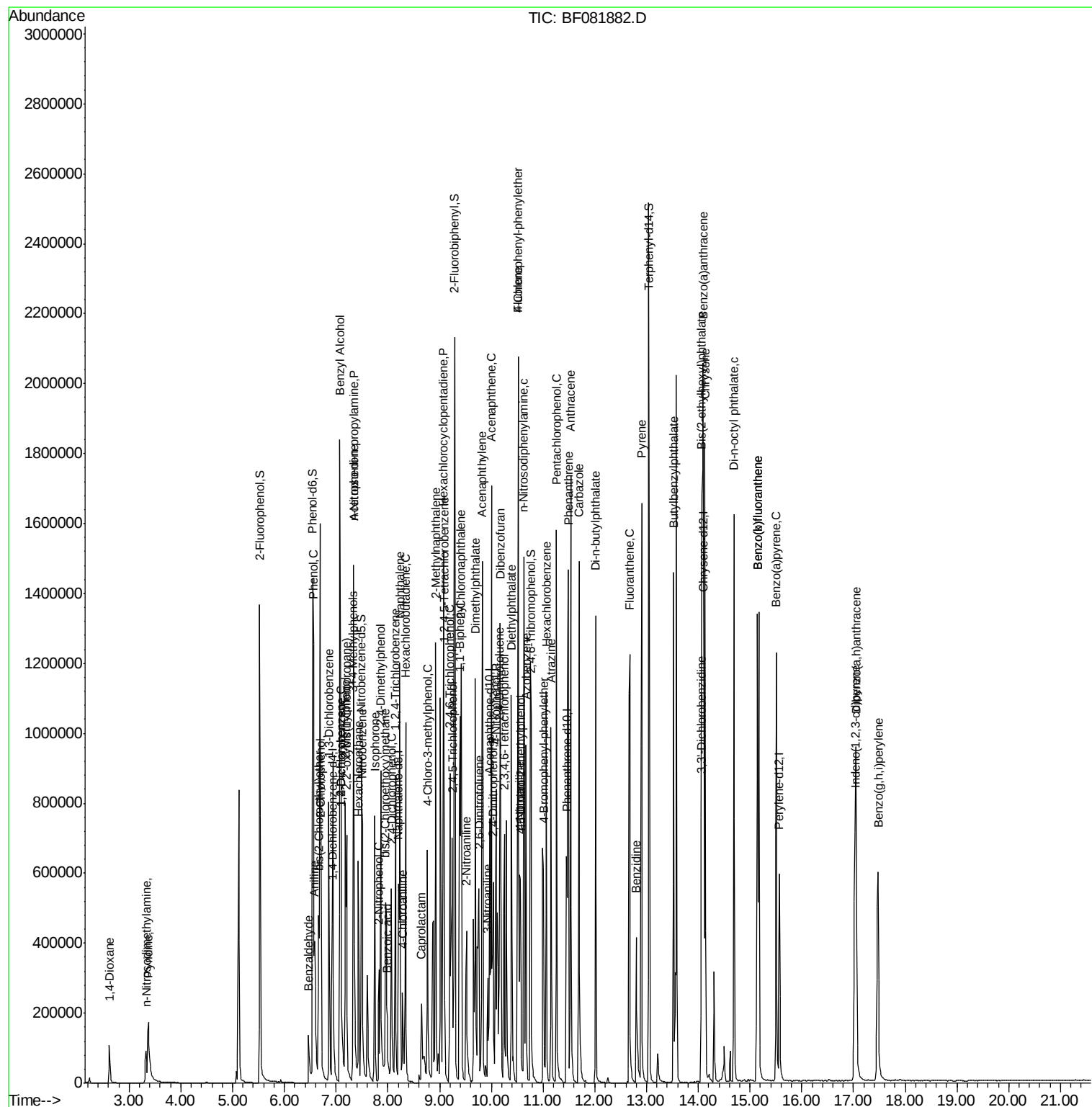
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	146898	39.83	ng	100
43) 2,4,5-Trichlorophenol	9.25	196	172323	45.44	ng	96
45) 1,1'-Biphenyl	9.39	154	542428	40.12	ng	94
46) 2-Chloronaphthalene	9.42	162	456671	43.02	ng	97
47) 2-Nitroaniline	9.52	65	132676	42.58	ng	91
48) Acenaphthylene	9.83	152	702264	41.33	ng	97
49) Dimethylphthalate	9.69	163	540157	44.66	ng	# 98
50) 2,6-Dinitrotoluene	9.76	165	121256	46.17	ng	94
51) Acenaphthene	10.00	154	485884	48.16	ng	90
52) 3-Nitroaniline	9.93	138	79367	26.12	ng	# 77
53) 2,4-Dinitrophenol	10.03	184	115124	85.70	ng	# 77
54) Dibenzofuran	10.17	168	600749	42.13	ng	# 84
55) 4-Nitrophenol	10.09	139	196774	89.64	ng	# 55
56) 2,4-Dinitrotoluene	10.16	165	164774	49.22	ng	# 87
57) Fluorene	10.51	166	469044	46.05	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.25	232	137615	45.74	ng	90
59) Diethylphthalate	10.39	149	513759	45.47	ng	97
60) 4-Chlorophenyl-phenylether	10.51	204	232391	44.52	ng	98
61) 4-Nitroaniline	10.55	138	123310	40.48	ng	# 46
62) Azobenzene	10.67	77	530754	48.13	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	73290	45.24	ng	75
65) n-Nitrosodiphenylamine	10.63	169	437264	39.92	ng	92
66) 4-Bromophenyl-phenylether	11.01	248	154949	42.45	ng	# 89
67) Hexachlorobenzene	11.06	284	181420	44.04	ng	# 83
68) Atrazine	11.15	200	145571	42.84	ng	82
69) Pentachlorophenol	11.26	266	208851	88.98	ng	99
70) Phenanthrene	11.49	178	793356	45.56	ng	96
71) Anthracene	11.53	178	797982	43.37	ng	97
72) Carbazole	11.69	167	736725	44.24	ng	94
73) Di-n-butylphthalate	12.01	149	841717	49.77	ng	# 98
74) Fluoranthene	12.68	202	839815	43.31	ng	86
76) Benzidine	12.80	184	299368	27.61	ng	# 98
77) Pyrene	12.90	202	885345	41.18	ng	96
79) Butylbenzylphthalate	13.52	149	409947	50.67	ng	99
80) Benzo(a)anthracene	14.09	228	867710	44.77	ng	95
81) 3,3'-Dichlorobenzidine	14.06	252	194649	29.74	ng	# 93
82) Chrysene	14.13	228	651437	34.46	ng	94
83) Bis(2-ethylhexyl)phthalate	14.07	149	563340	55.51	ng	# 89
84) Di-n-octyl phthalate	14.69	149	938173	56.80	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.03	276	715558	47.20	ng	# 84
87) Benzo(b)fluoranthene	15.14	252	805657	45.56	ng	# 85
88) Benzo(k)fluoranthene	15.14	252	805657	49.71	ng	# 86
89) Benzo(a)pyrene	15.51	252	695386	45.34	ng	# 85
90) Dibenzo(a,h)anthracene	17.05	278	596320	46.34	ng	# 79
91) Benzo(g,h,i)perylene	17.48	276	588595	44.63	ng	# 73

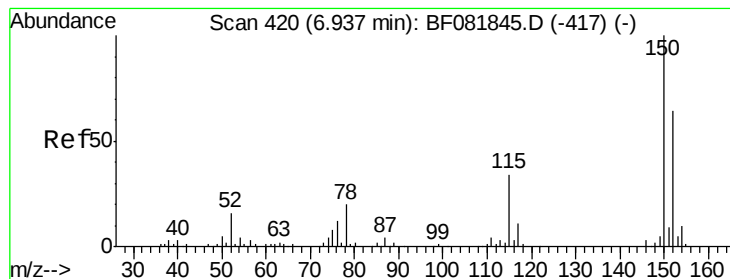
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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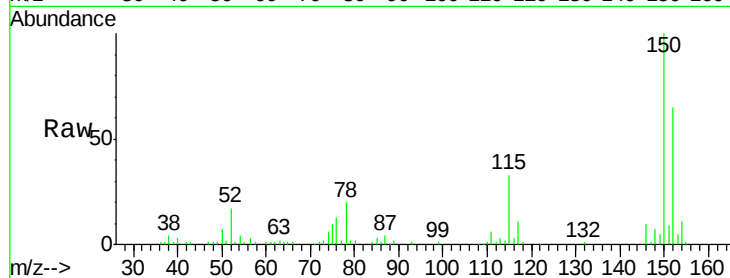




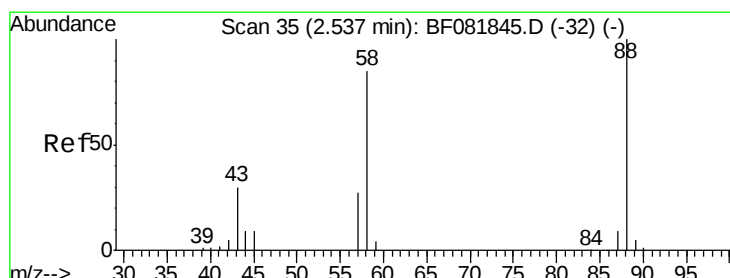
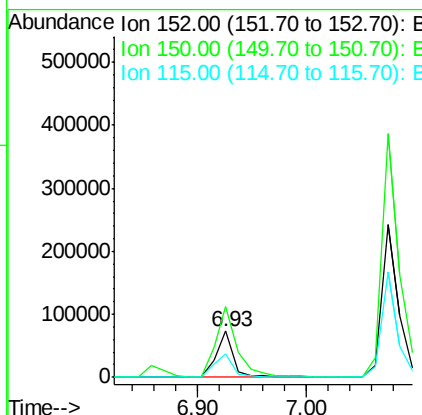
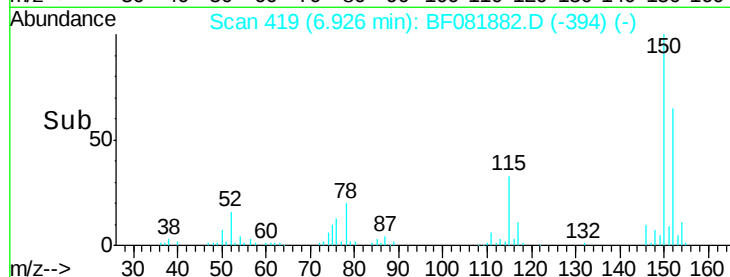
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion:152 Resp: 82860
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.7 187.1
 115 51.6 39.0 58.4

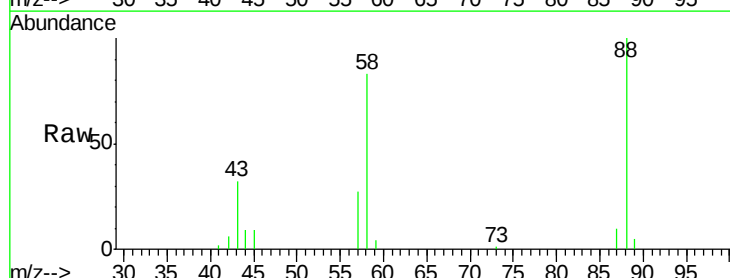


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

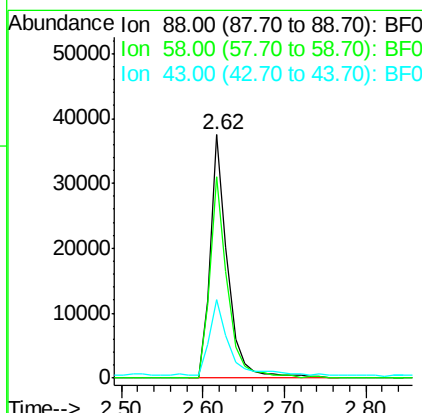
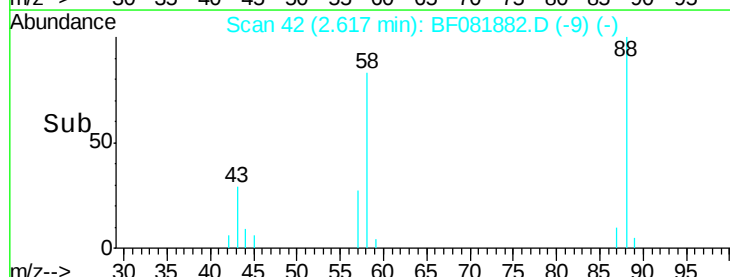


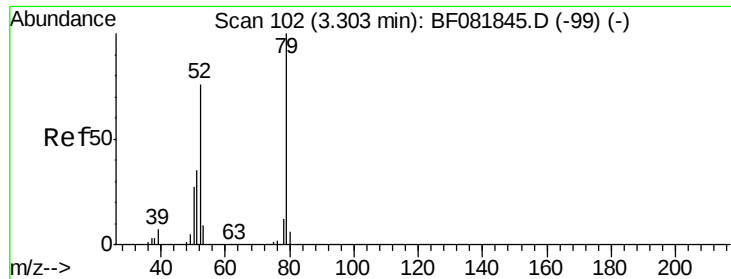
#2
 1,4-Dioxane
 Concen: 28.49 ng
 RT: 2.62 min Scan# 42
 Delta R.T. 0.08 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 88 Resp: 56563
 Ion Ratio Lower Upper
 88 100
 58 83.1 77.7 116.5
 43 34.9 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.55 ng

RT: 3.37 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

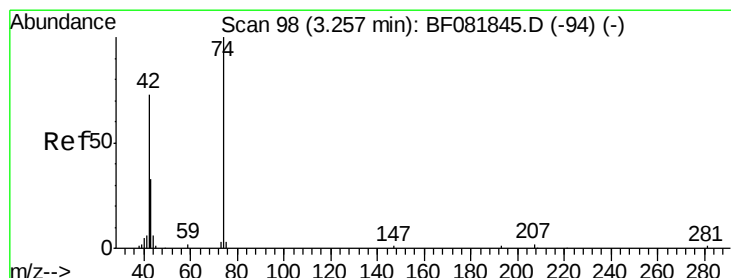
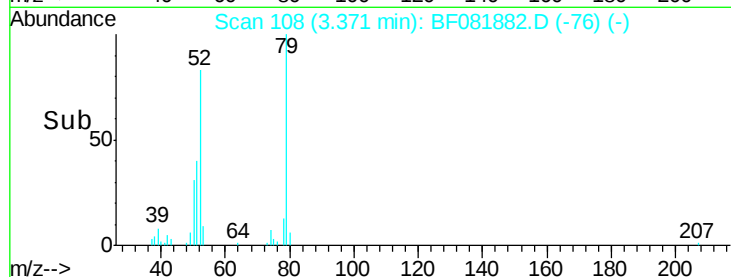
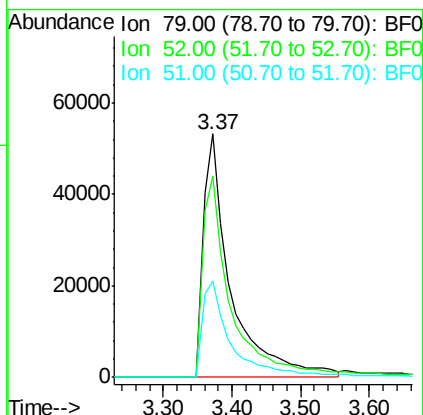
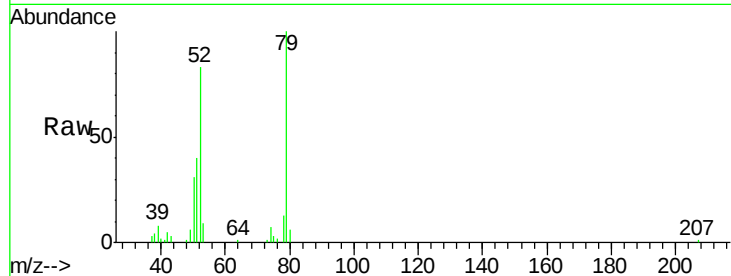
Tgt Ion: 79 Resp: 147546

Ion Ratio Lower Upper

79 100

52 82.8 76.8 115.2

51 39.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 28.63 ng

RT: 3.33 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

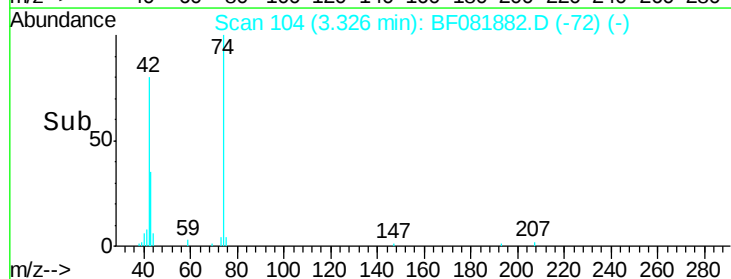
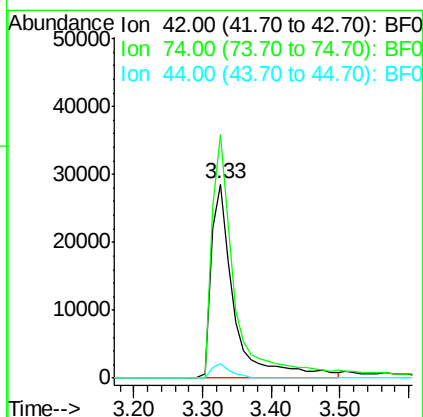
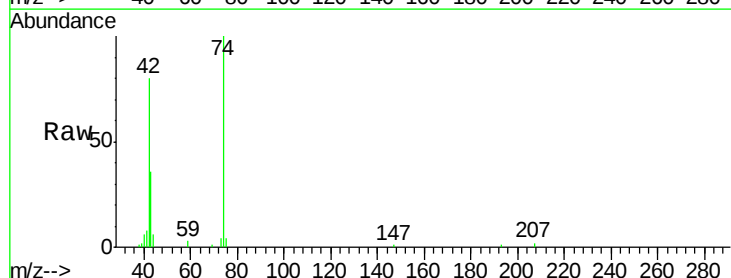
Tgt Ion: 42 Resp: 67194

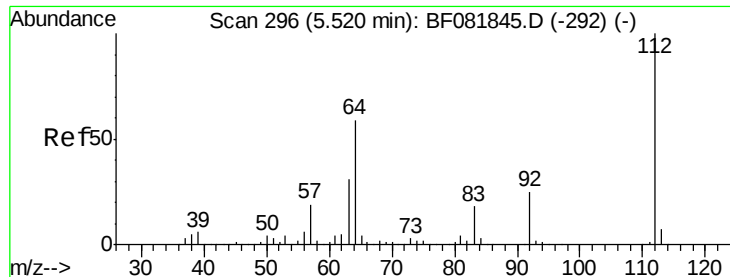
Ion Ratio Lower Upper

42 100

74 125.6 105.0 157.6

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 113.45 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081882.D

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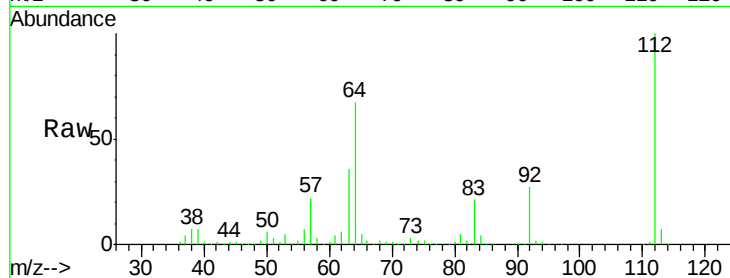
Tgt Ion: 112 Resp: 517863

Ion Ratio Lower Upper

112 100

64 67.4 39.7 59.5#

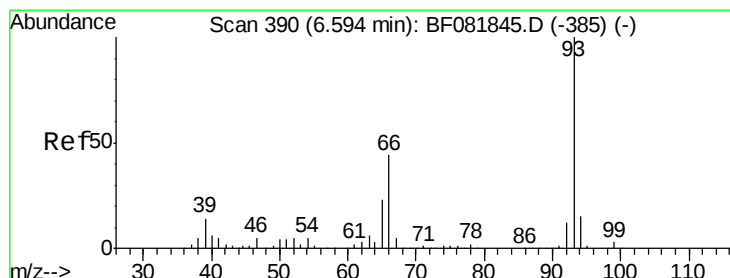
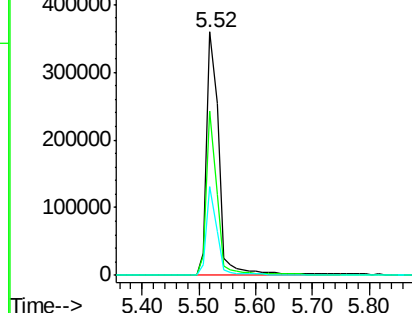
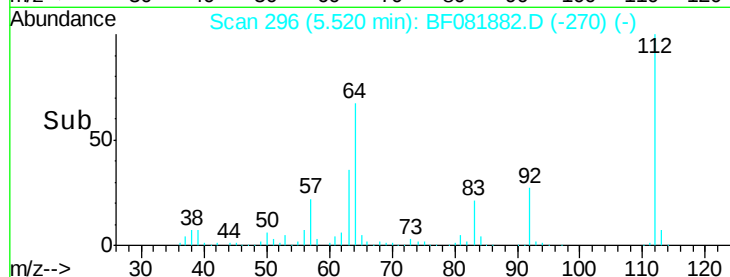
63 36.4 17.4 26.0#



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: 26.18 ng

RT: 6.58 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

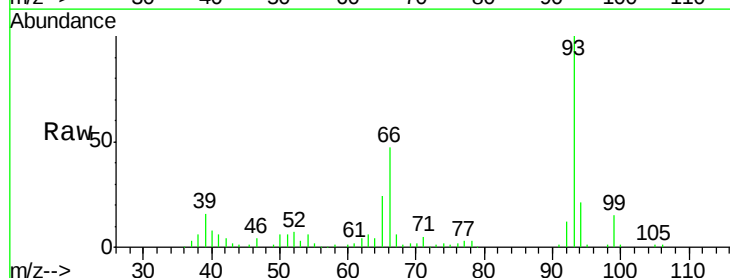
Tgt Ion: 93 Resp: 202048

Ion Ratio Lower Upper

93 100

66 47.4 27.2 40.8#

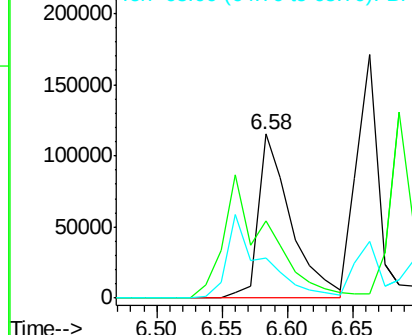
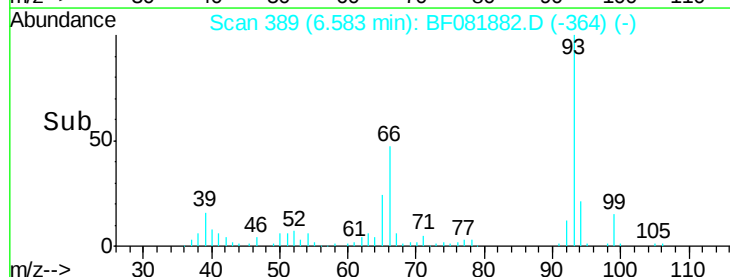
65 24.5 14.7 22.1#

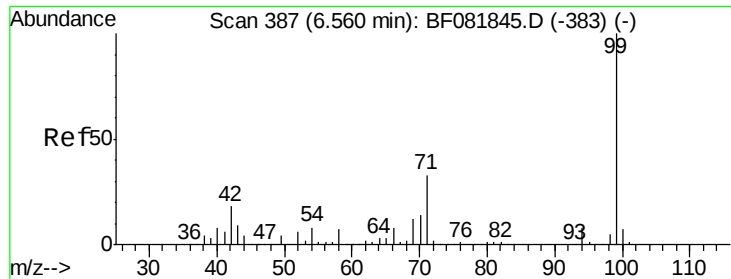


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.97 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081882.D

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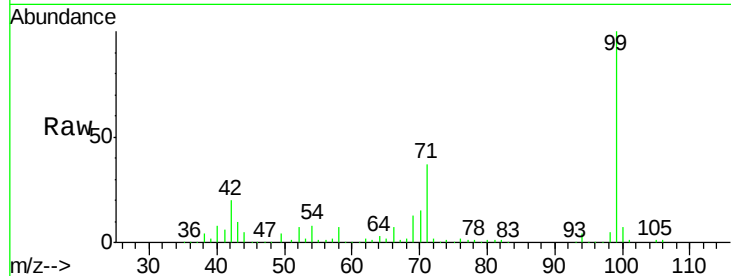
Tgt Ion: 99 Resp: 700536

Ion Ratio Lower Upper

99 100

42 19.6 13.7 20.5

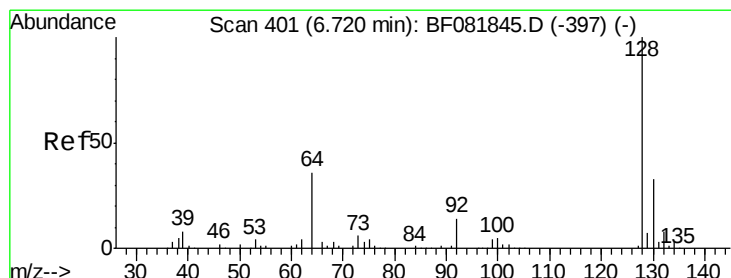
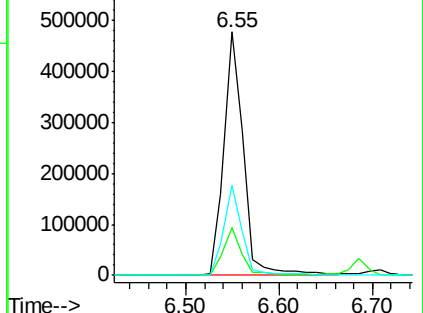
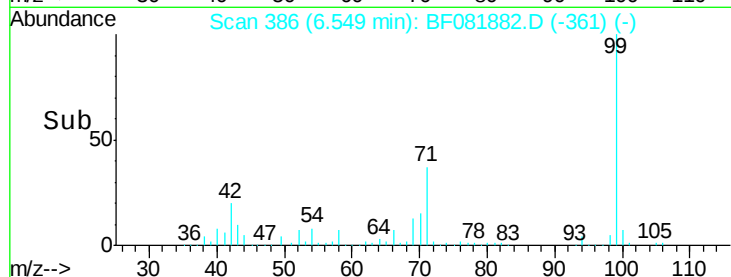
71 37.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.83 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

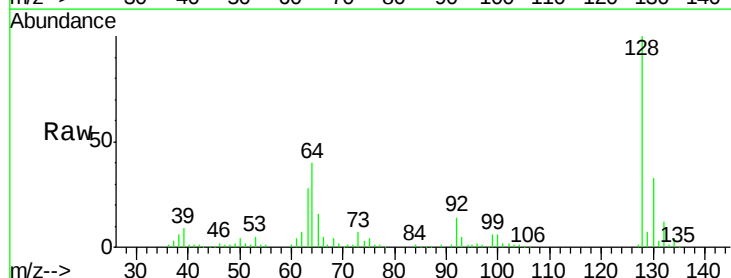
Tgt Ion: 128 Resp: 195728

Ion Ratio Lower Upper

128 100

130 33.0 12.2 52.2

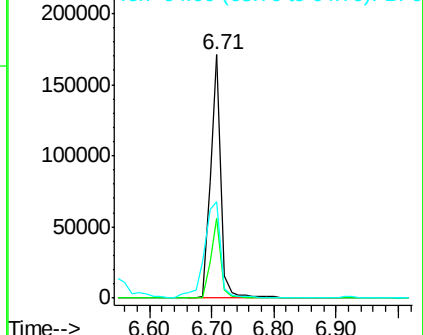
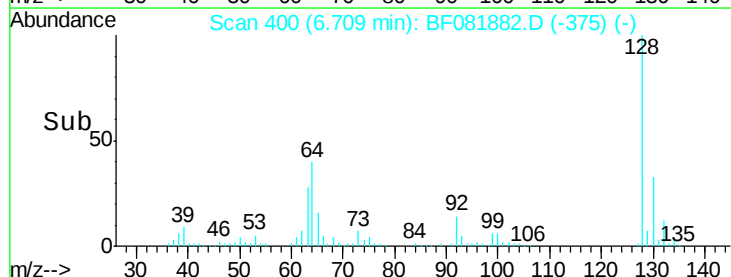
64 39.6 20.5 60.5

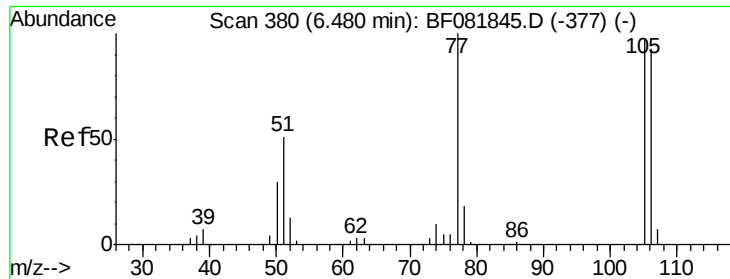


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.60 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

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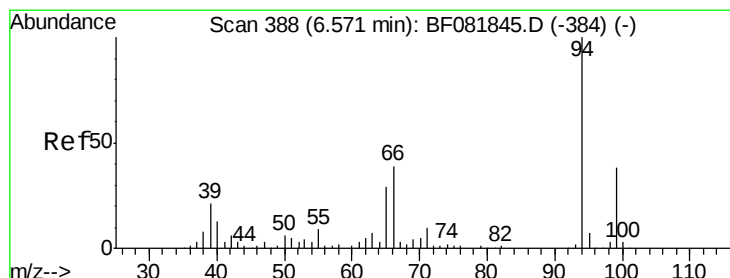
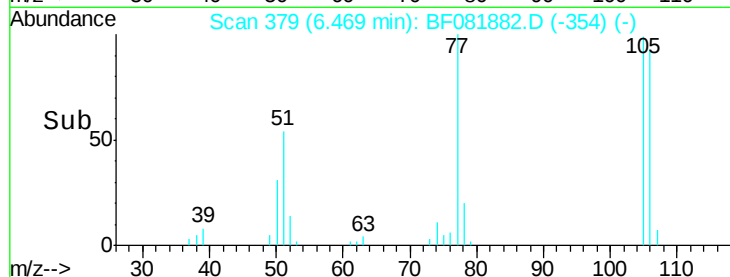
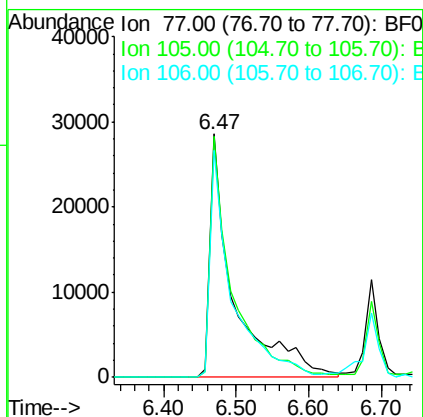
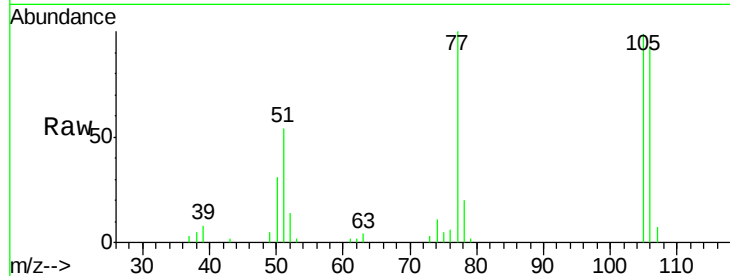
Tgt Ion: 77 Resp: 66199

Ion Ratio Lower Upper

77 100

105 98.9 91.6 131.6

106 93.3 102.6 142.6#



#10

Phenol

Concen: 37.63 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

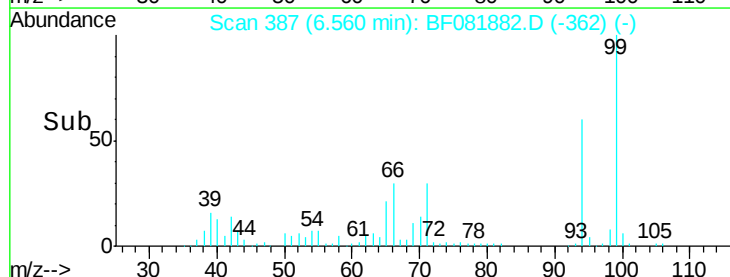
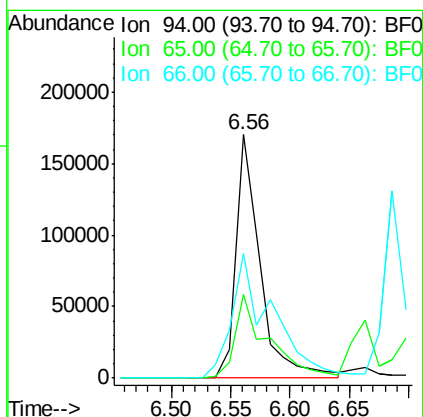
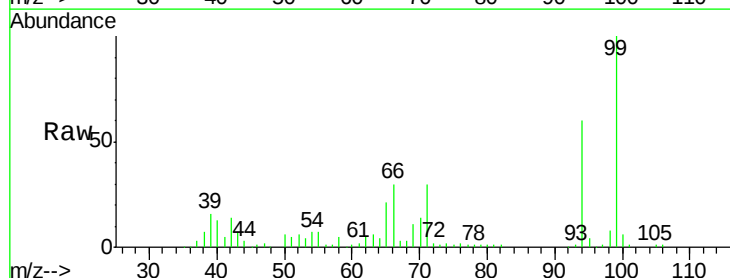
Tgt Ion: 94 Resp: 242427

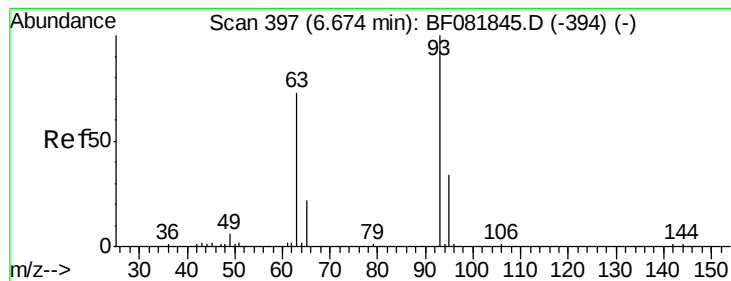
Ion Ratio Lower Upper

94 100

65 34.4 0.7 40.7

66 50.9 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 44.48 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

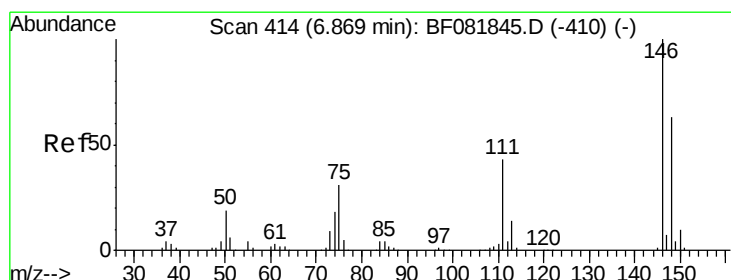
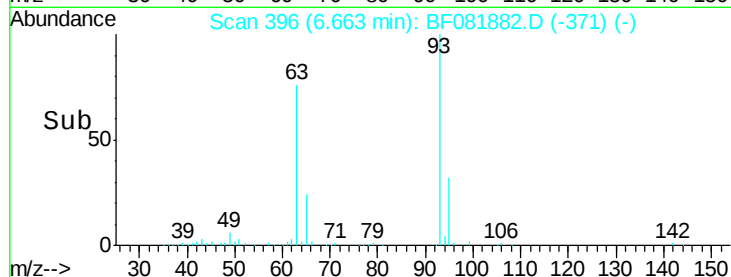
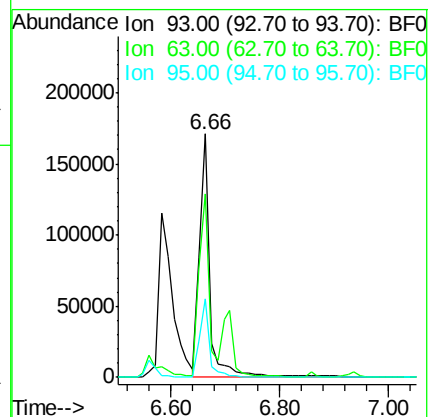
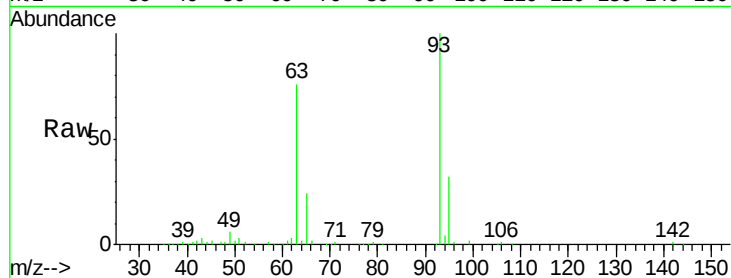
Tgt Ion: 93 Resp: 222233

Ion Ratio Lower Upper

93 100

63 75.6 65.6 105.6

95 32.3 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 39.90 ng

RT: 6.86 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

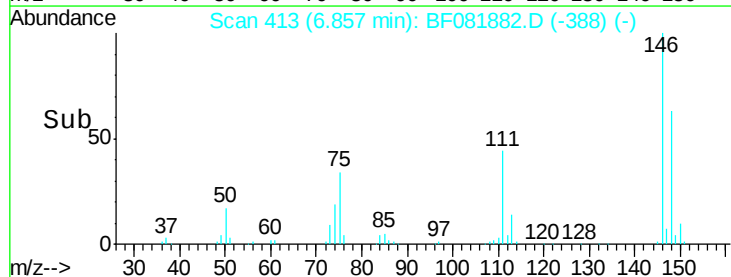
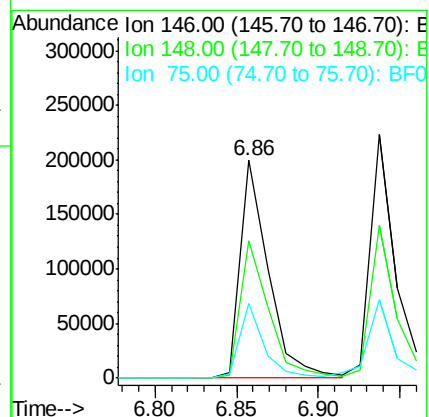
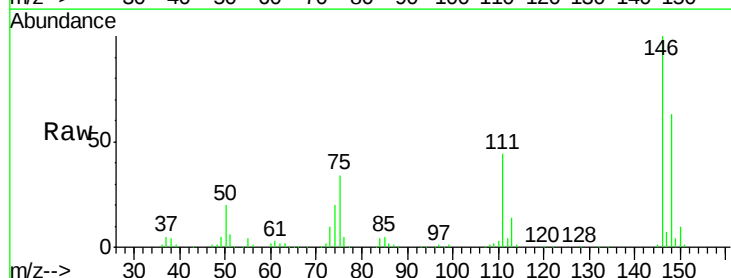
Tgt Ion: 146 Resp: 237572

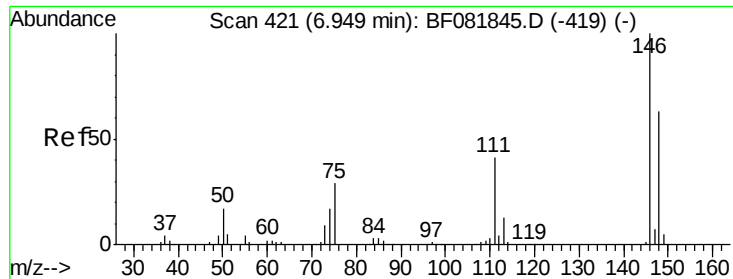
Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

75 34.1 15.0 22.6#

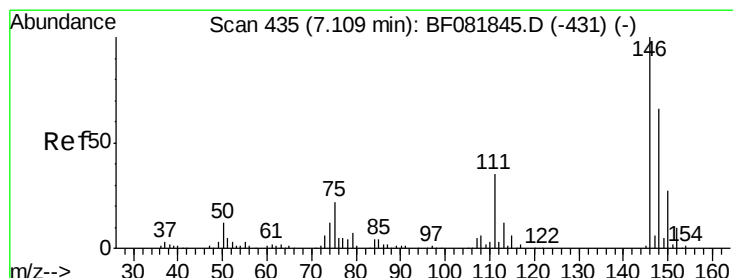
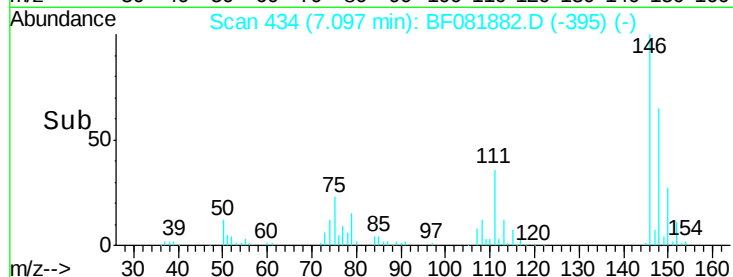
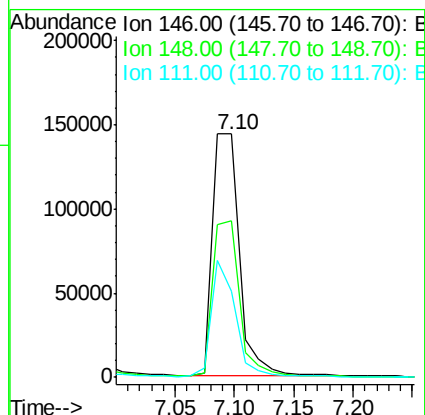
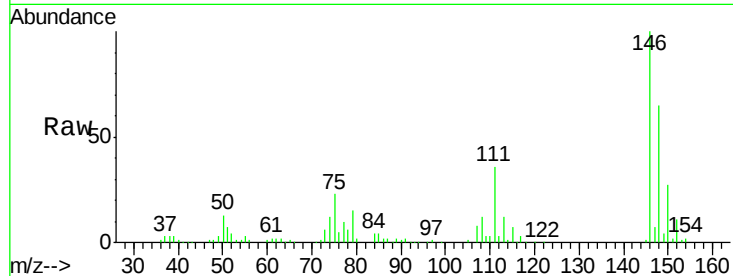




#13
 1,4-Dichlorobenzene
 Concen: 36.30 ng
 RT: 7.10 min Scan# 434
 Delta R.T. 0.15 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

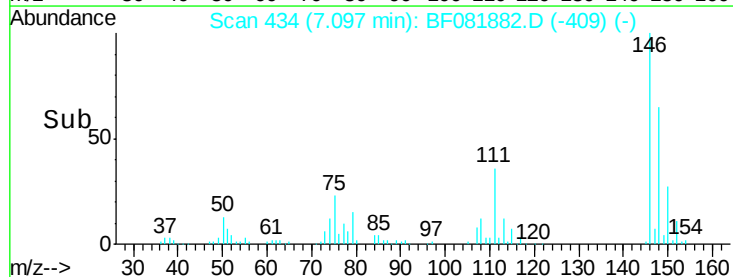
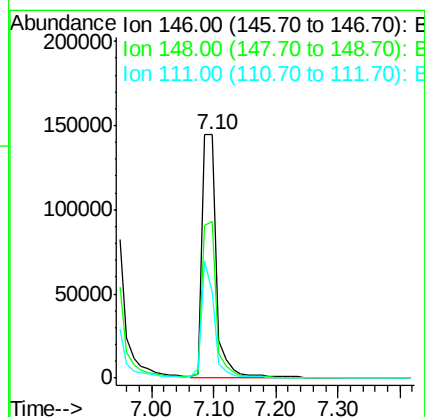
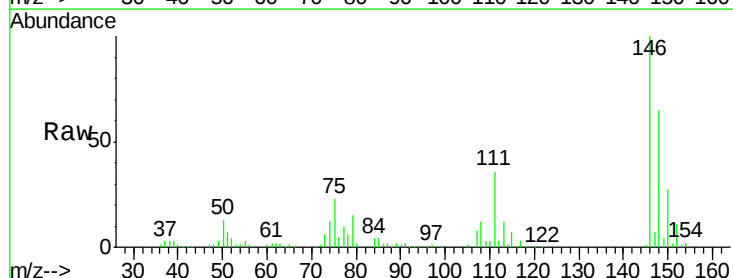
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

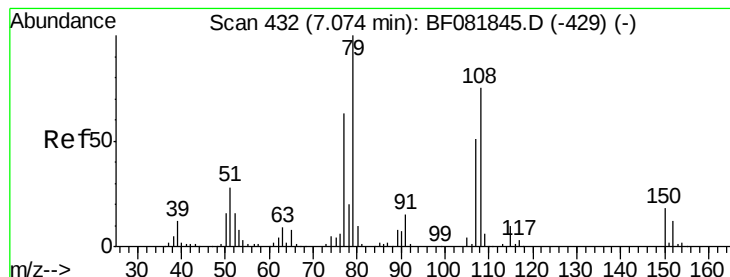
Tgt Ion:146 Resp: 225660
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 35.6 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 42.50 ng
 RT: 7.10 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion:146 Resp: 235445
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.7 79.1
 111 35.6 28.8 43.2





#15

Benzyl Alcohol

Concen: 42.28 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

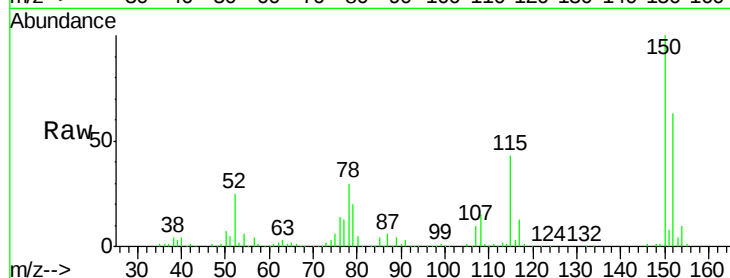
Tgt Ion: 79 Resp: 175314

Ion Ratio Lower Upper

79 100

108 78.0 88.6 132.8#

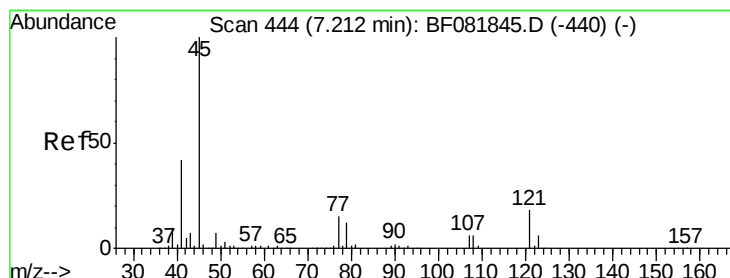
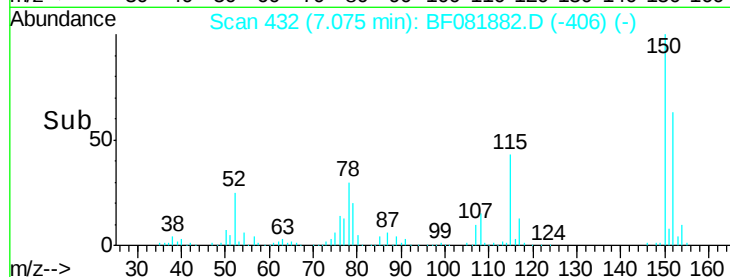
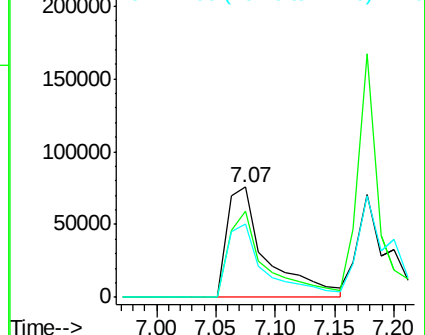
77 66.8 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.02 ng

RT: 7.20 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

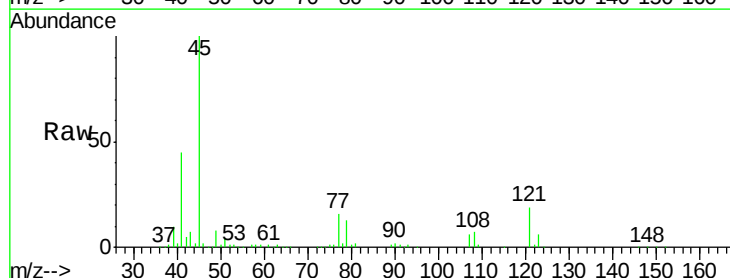
Tgt Ion: 45 Resp: 310972

Ion Ratio Lower Upper

45 100

77 15.9 0.0 28.1

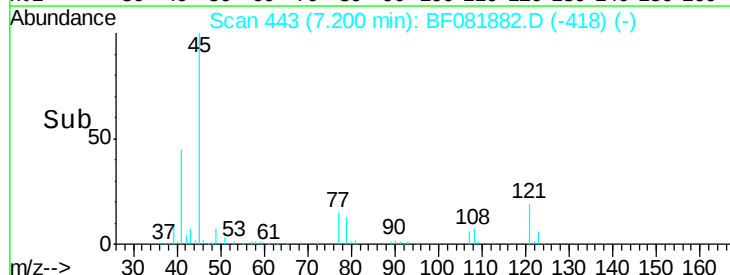
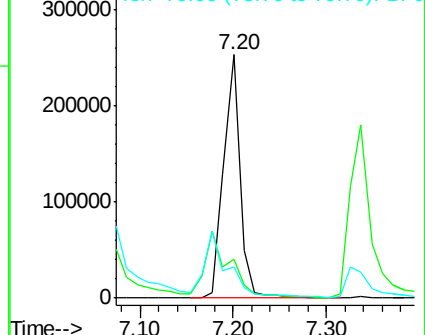
79 13.0 0.0 26.0

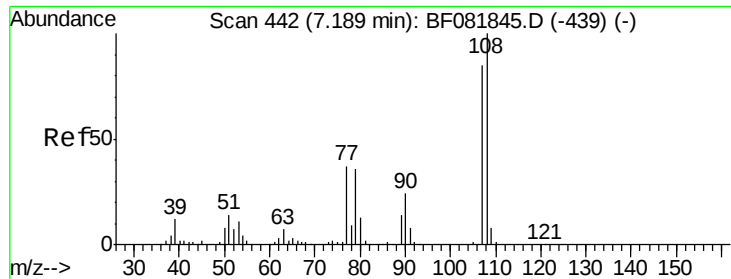


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

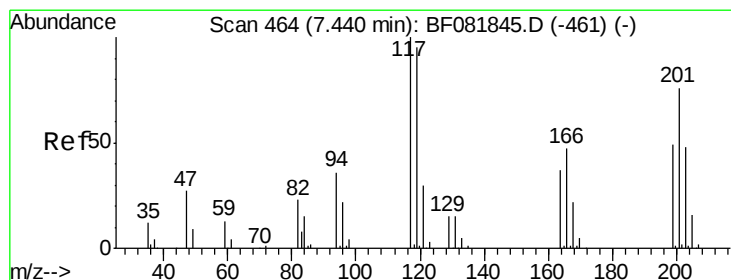
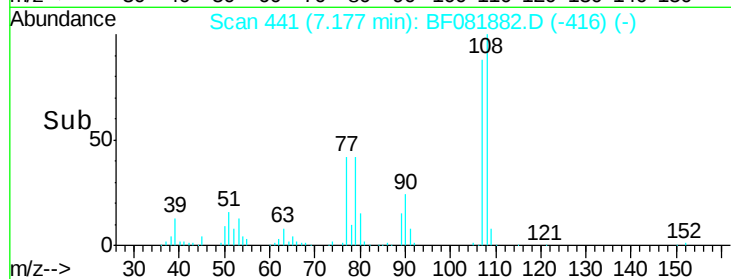
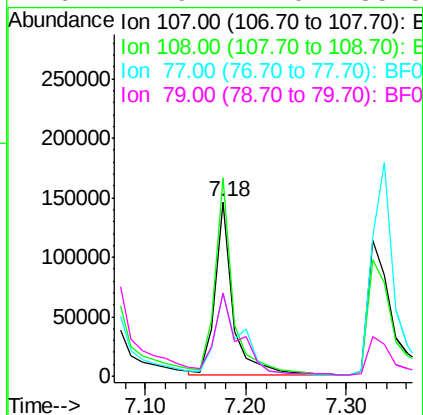
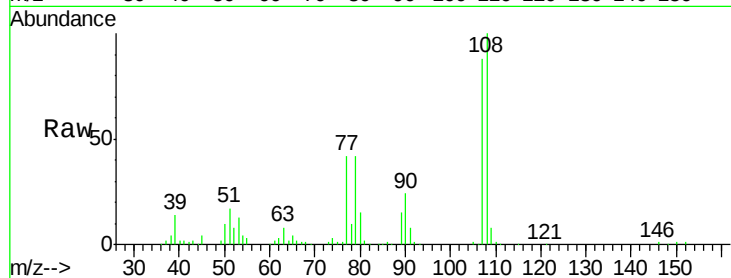




#17
2-Methylphenol
Concen: 44.00 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

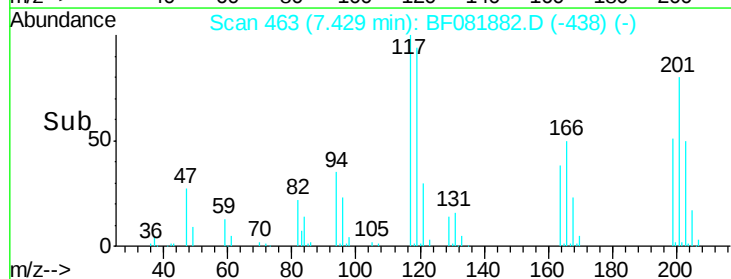
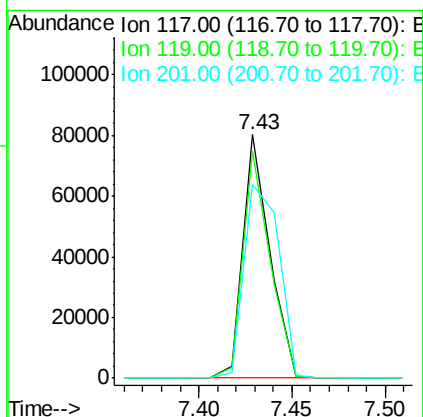
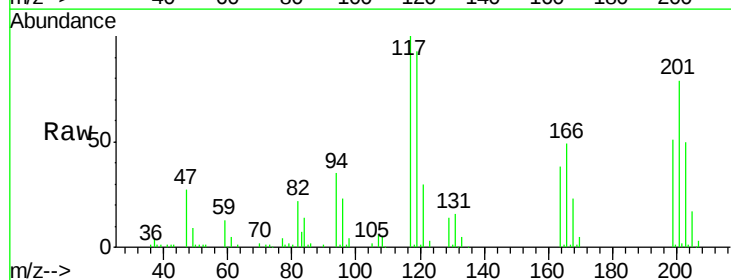
Instrument :
BNA_F
ClientSampleId :
PB85676BS

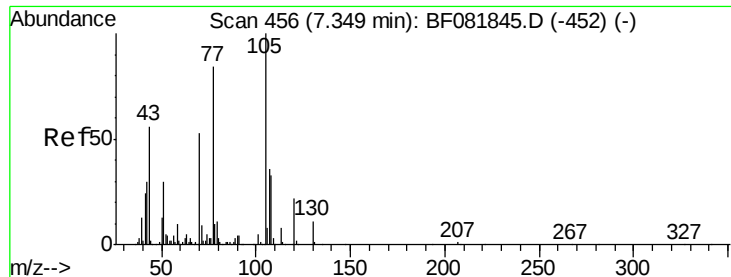
Tgt Ion:107 Resp: 179817
Ion Ratio Lower Upper
107 100
108 114.0 96.6 145.0
77 47.4 23.3 34.9#
79 47.9 22.0 33.0#



#18
Hexachloroethane
Concen: 41.19 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:117 Resp: 80160
Ion Ratio Lower Upper
117 100
119 93.4 83.8 125.6
201 79.3 55.1 82.7

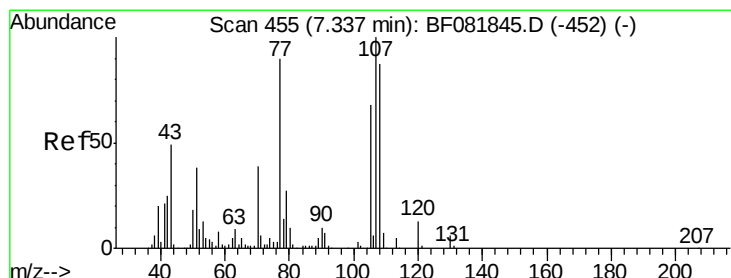
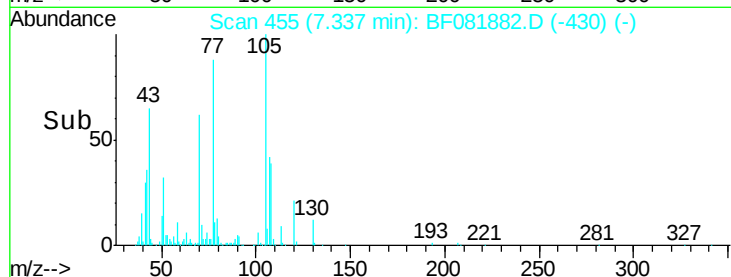
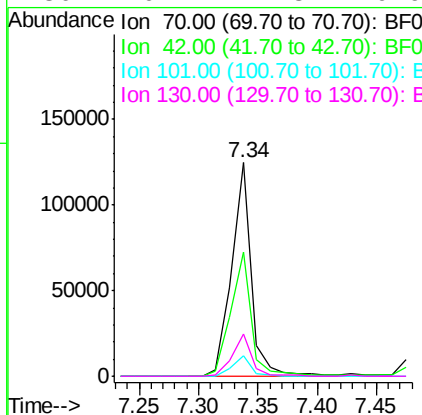
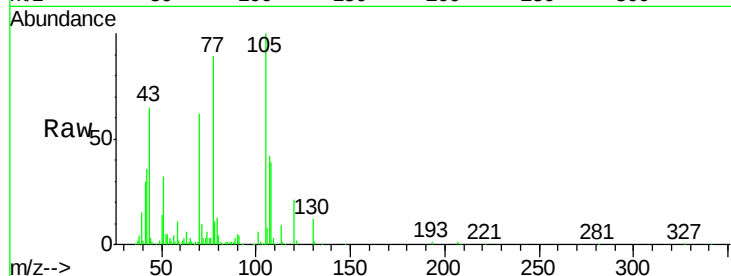




#19
n-Nitroso-di-n-propylamine
Concen: 41.37 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

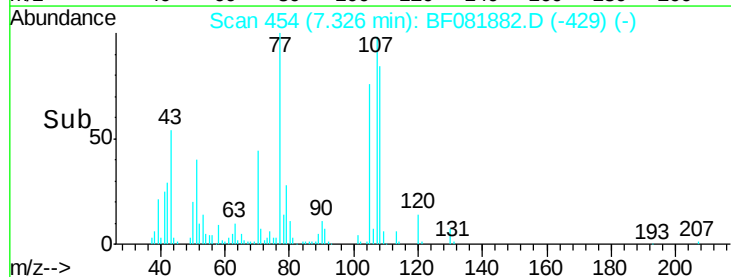
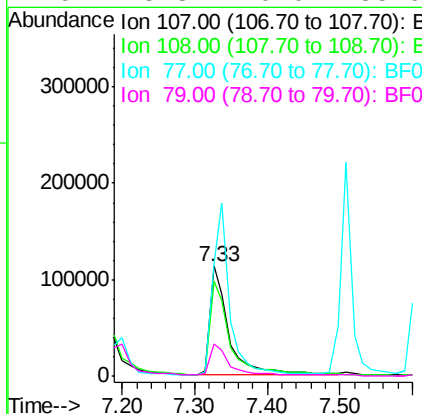
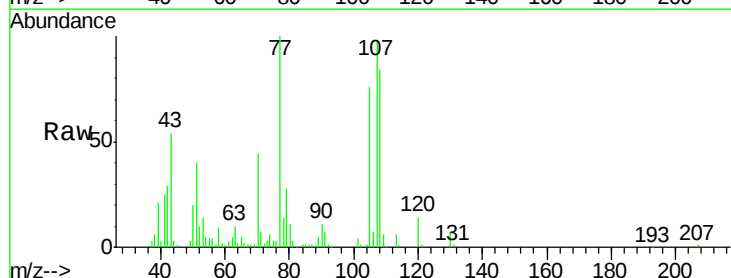
Instrument :
BNA_F
ClientSampleId :
PB85676BS

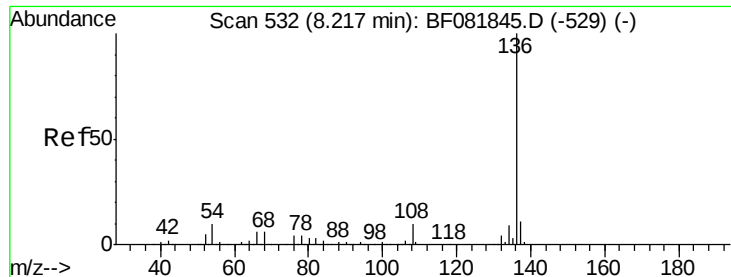
Tgt Ion:	70	Resp:	144418
Ion	Ratio	Lower	Upper
70	100		
42	58.1	63.8	95.6#
101	9.6	9.2	13.8
130	20.1	27.3	40.9#



#20
3+4-Methylphenols
Concen: 39.29 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:	107	Resp:	202782
Ion	Ratio	Lower	Upper
107	100		
108	86.3	74.6	114.6
77	102.5	0.7	40.7#
79	28.8	0.0	38.9

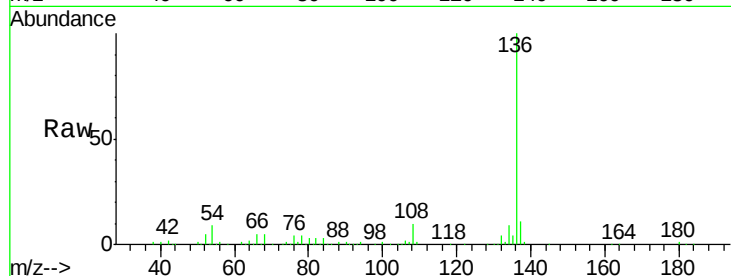




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Instrument :
BNA_F
ClientSampleId :
PB85676BS

Tgt Ion:	136	Resp:	321930
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.9	8.2	12.2
68	5.4	5.8	8.6#



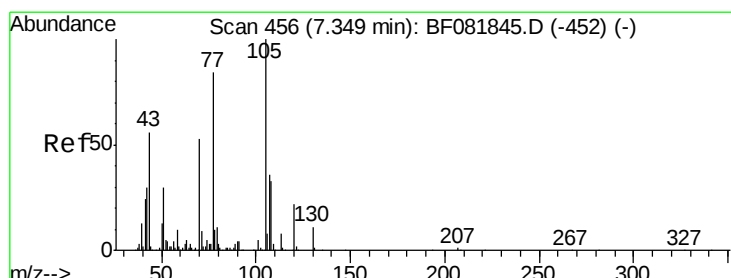
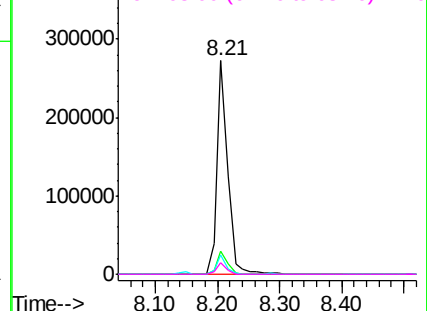
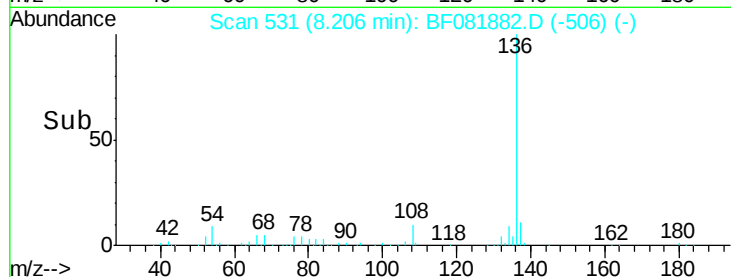
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

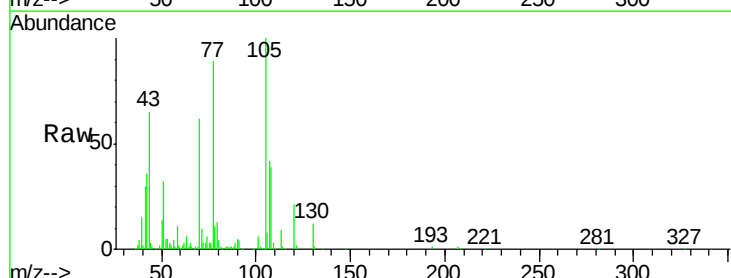
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 44.63 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:	105	Resp:	293778
Ion	Ratio	Lower	Upper
105	100		
71	10.1	4.7	7.1#
51	31.9	22.0	33.0
120	20.6	30.1	45.1#



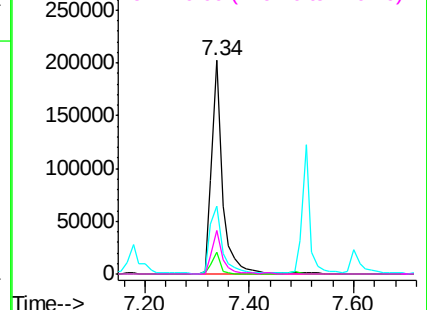
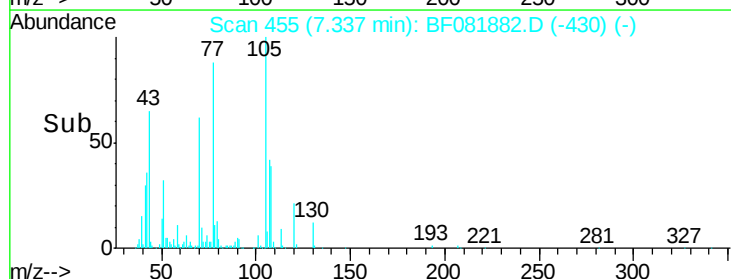
Abundance

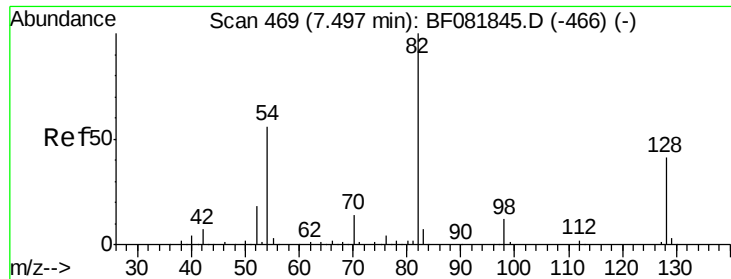
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

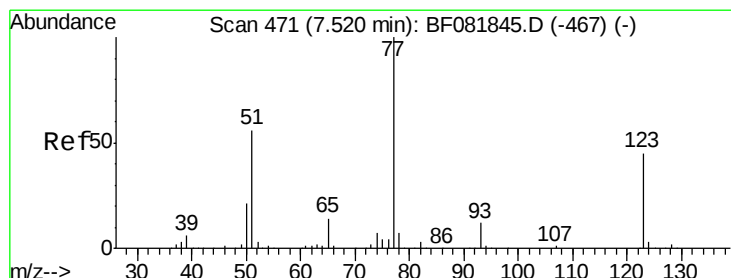
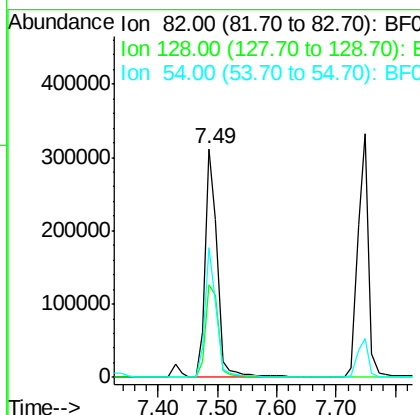
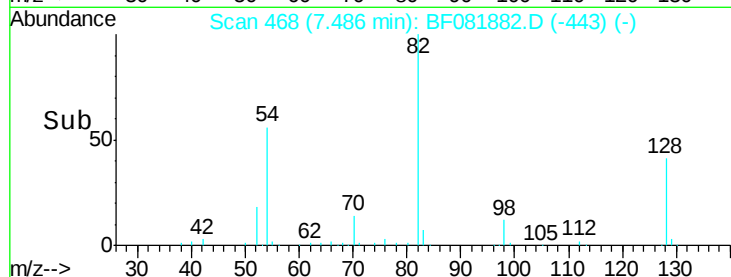
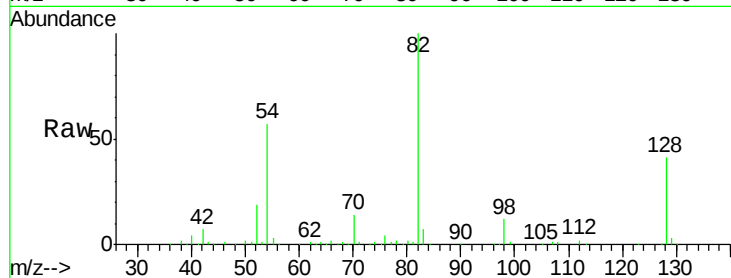




#23
 Nitrobenzene-d5
 Concen: 92.65 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

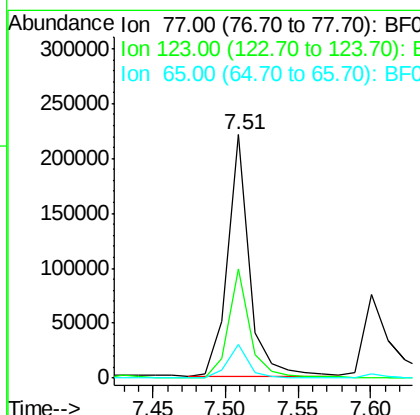
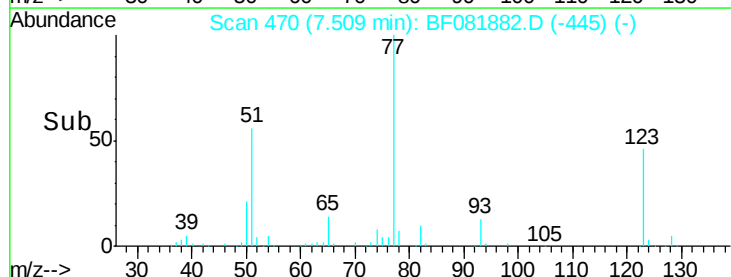
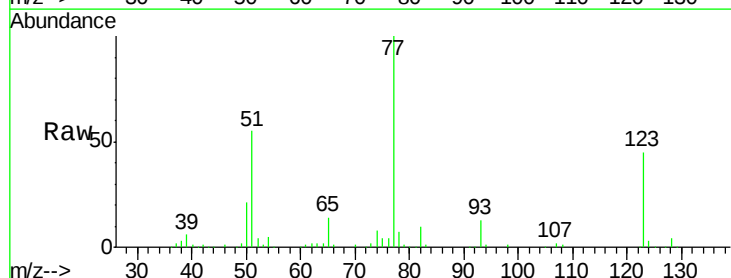
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

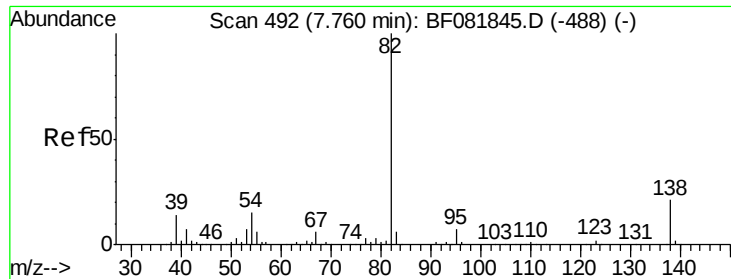
Tgt Ion: 82 Resp: 447450
 Ion Ratio Lower Upper
 82 100
 128 40.7 51.0 76.6#
 54 56.7 47.5 71.3



#24
 Nitrobenzene
 Concen: 43.99 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 77 Resp: 230677
 Ion Ratio Lower Upper
 77 100
 123 45.0 59.8 89.8#
 65 13.6 10.2 15.4

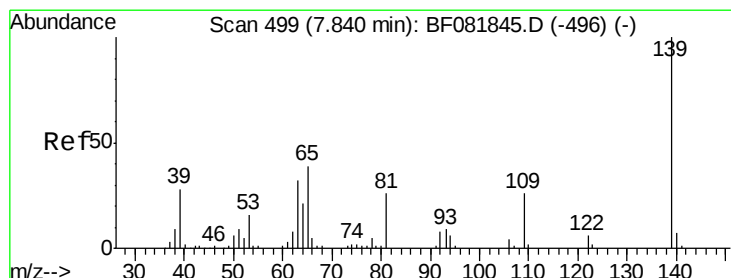
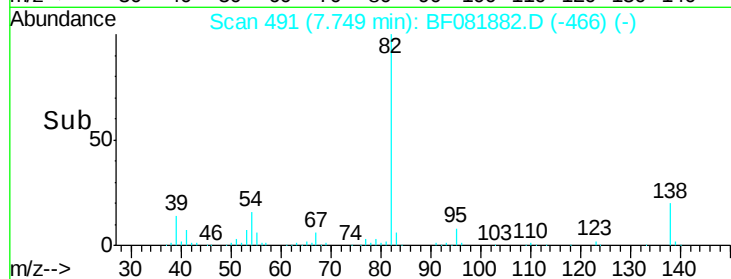
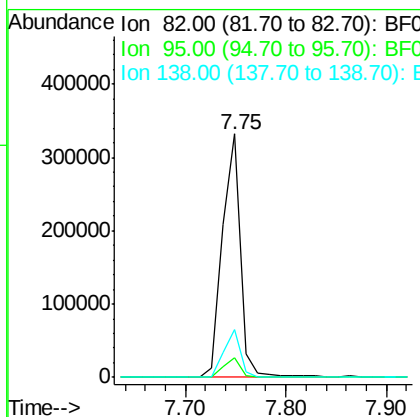
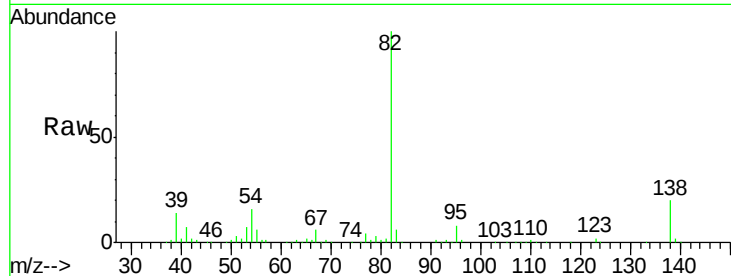




#25
Isophorone
Concen: 43.12 ng
RT: 7.75 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

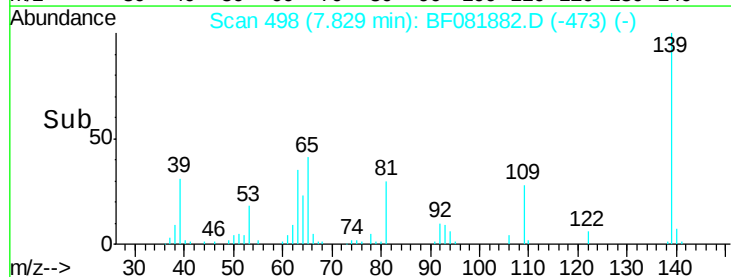
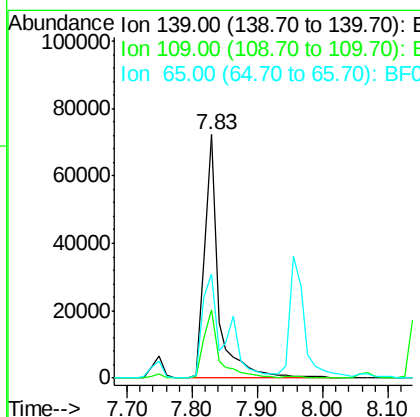
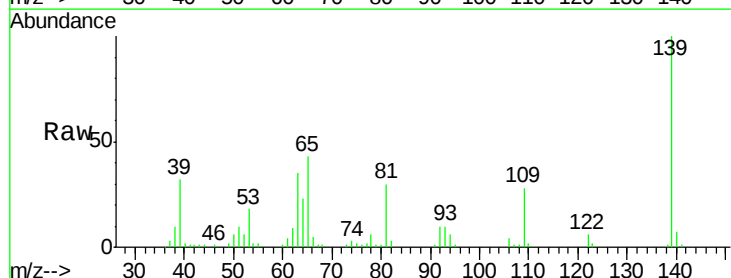
Instrument :
BNA_F
ClientSampleId :
PB85676BS

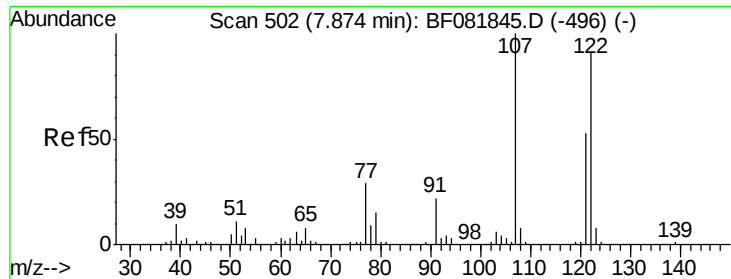
Tgt Ion: 82 Resp: 412713
Ion Ratio Lower Upper
82 100
95 7.9 4.0 6.0#
138 19.9 18.3 27.5



#26
2-Nitrophenol
Concen: 42.62 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion: 139 Resp: 107278
Ion Ratio Lower Upper
139 100
109 28.1 11.0 16.4#
65 42.6 24.7 37.1#

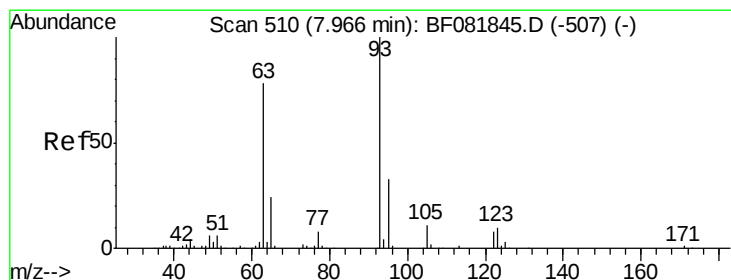
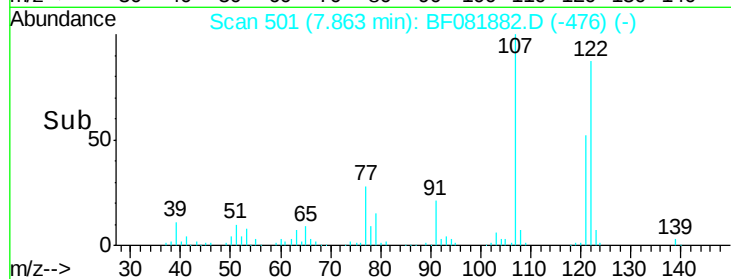
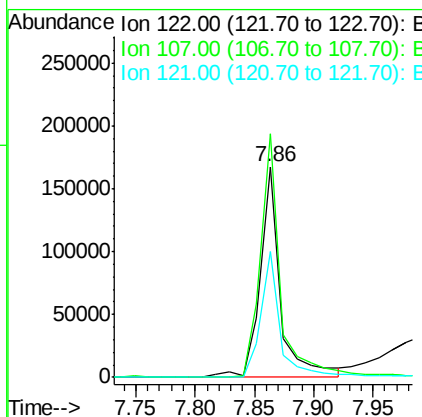
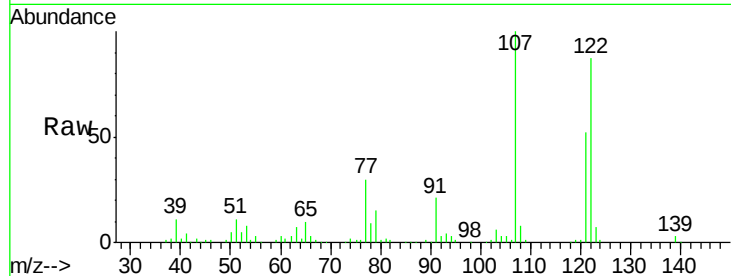




#27
 2,4-Dimethylphenol
 Concen: 45.47 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

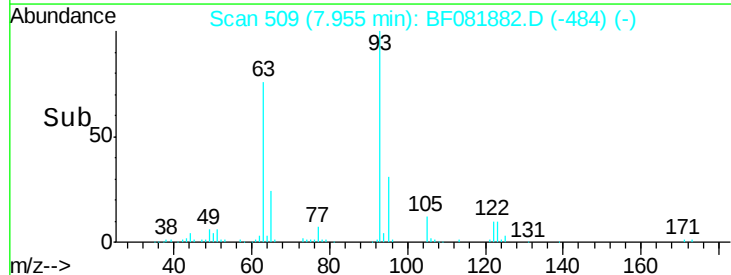
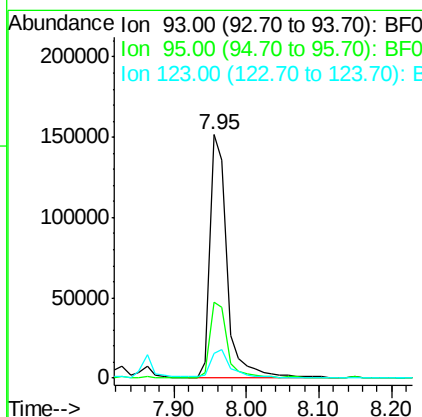
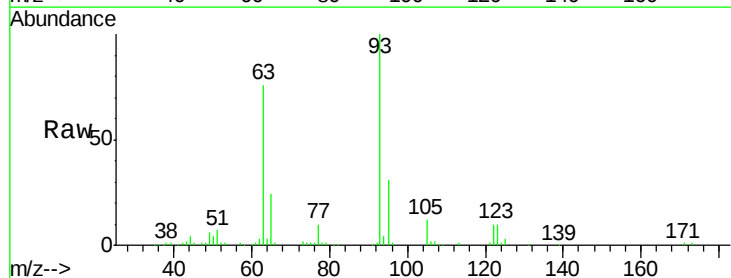
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

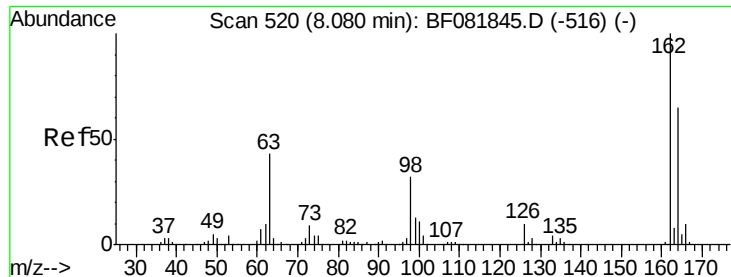
Tgt Ion:122 Resp: 201363
 Ion Ratio Lower Upper
 122 100
 107 115.6 71.8 107.6#
 121 59.7 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.17 ng
 RT: 7.95 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 93 Resp: 245417
 Ion Ratio Lower Upper
 93 100
 95 31.2 27.5 41.3
 123 10.2 13.7 20.5#

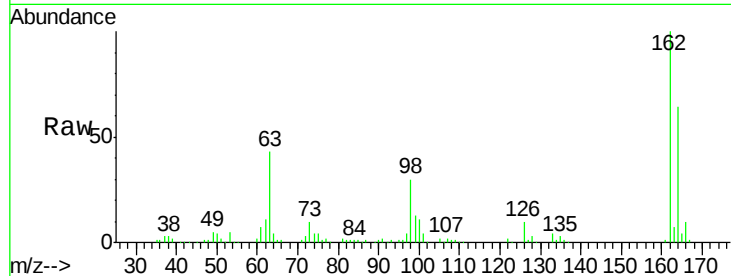




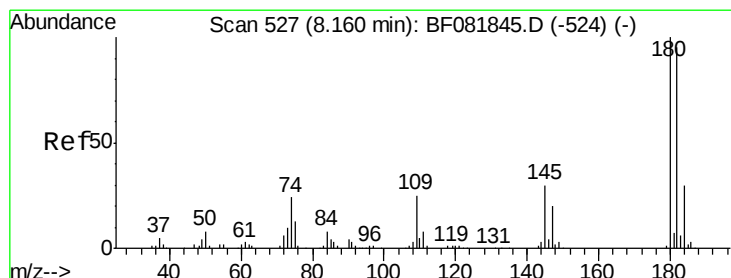
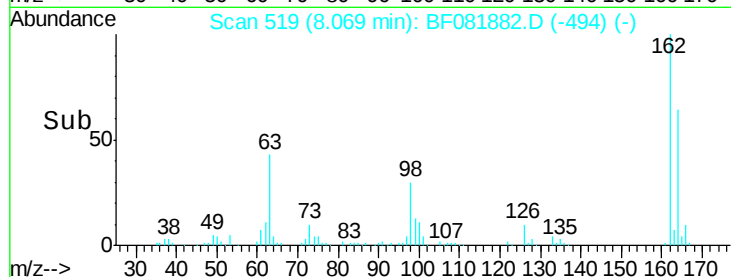
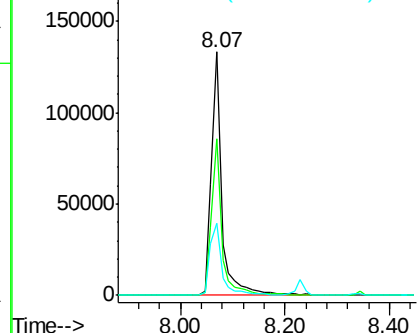
#29
 2,4-Dichlorophenol
 Concen: 43.13 ng
 RT: 8.07 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.9	84.9
98	29.9	13.0	53.0

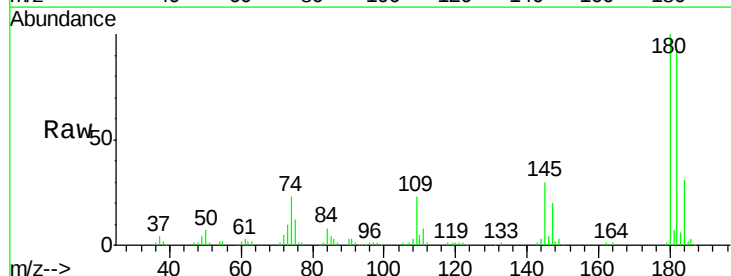


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

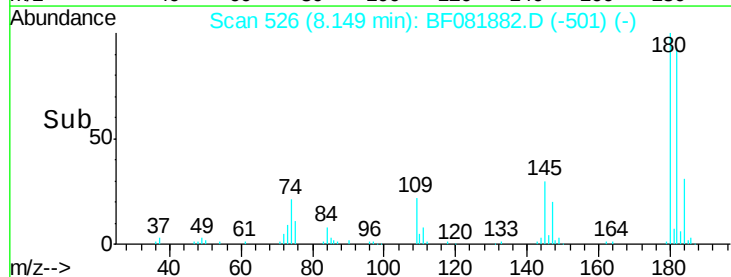
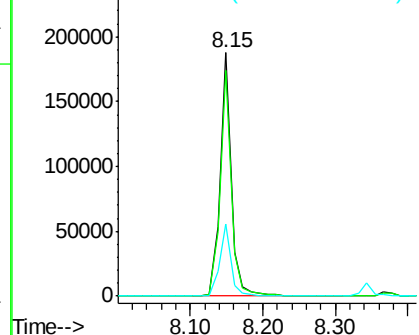


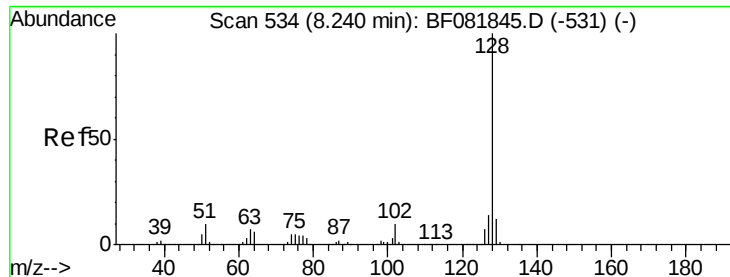
#30
 1,2,4-Trichlorobenzene
 Concen: 41.99 ng
 RT: 8.15 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.1	115.7
145	29.6	23.3	34.9



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

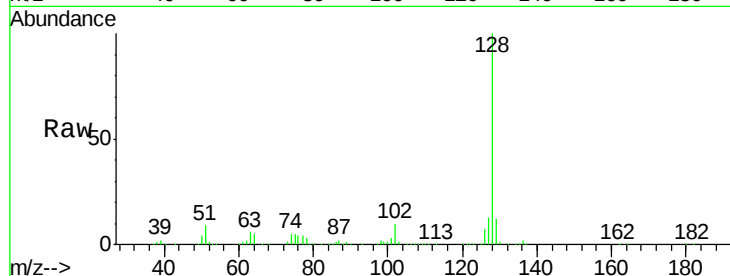




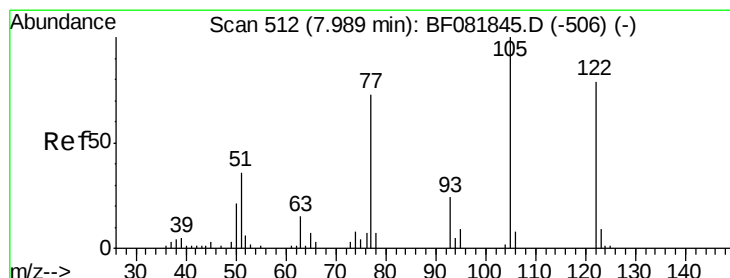
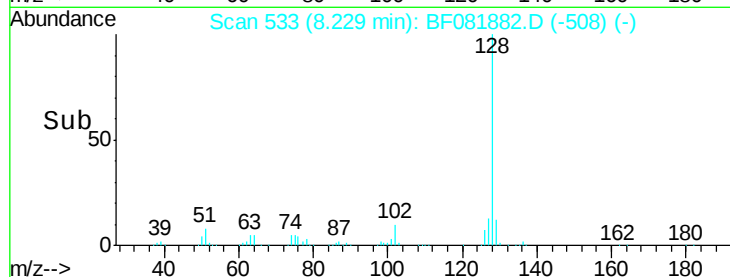
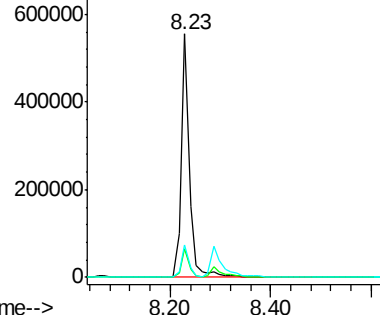
#31
Naphthalene
Concen: 43.61 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Instrument :
BNA_F
ClientSampleId :
PB85676BS

Tgt Ion:128 Resp: 622104
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.4 9.9 14.9

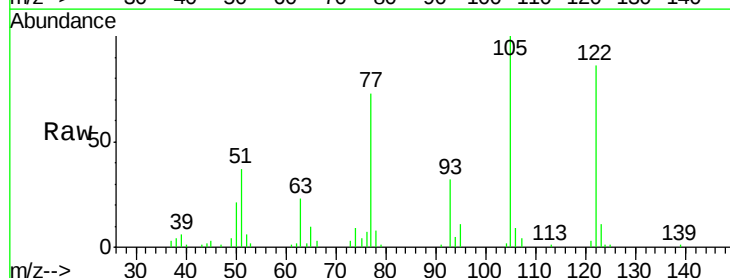


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

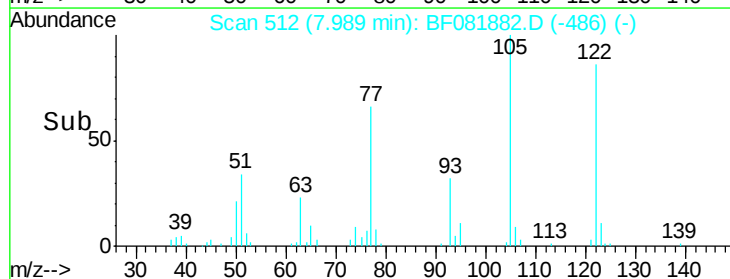
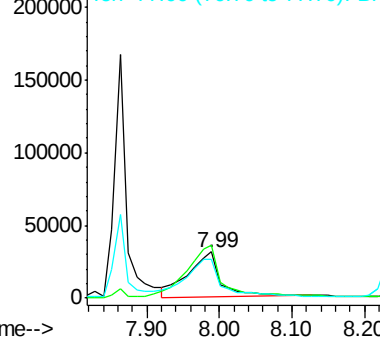


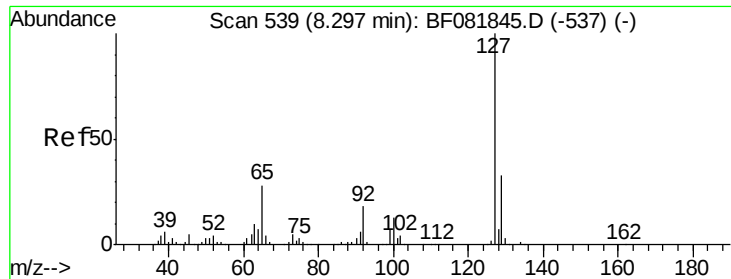
#32
Benzoic acid
Concen: 38.25 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:122 Resp: 96658
Ion Ratio Lower Upper
122 100
105 115.7 76.1 116.1
77 84.6 40.5 80.5#



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

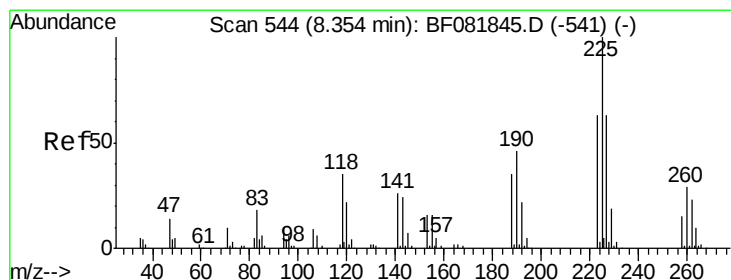
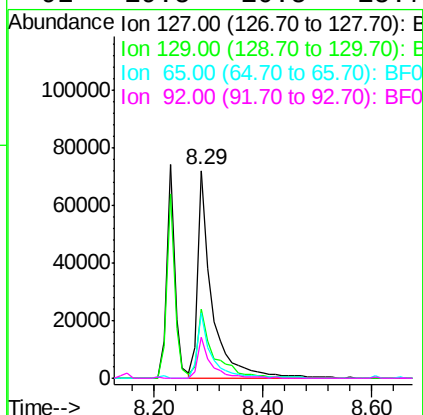
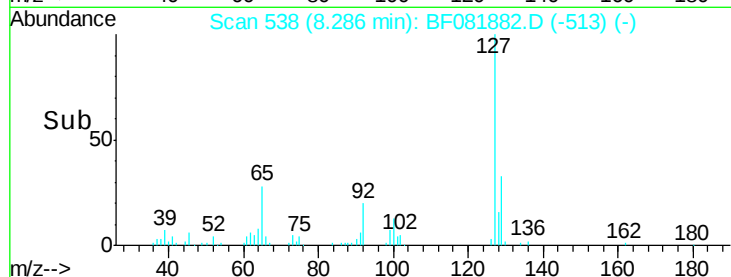
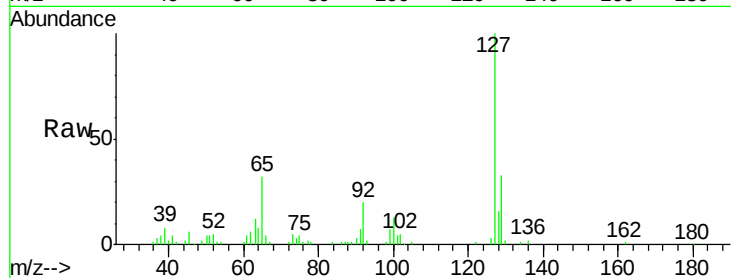




#33
4-Chloroaniline
Concen: 21.17 ng
RT: 8.29 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

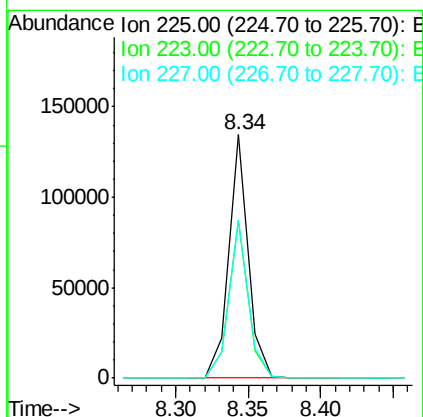
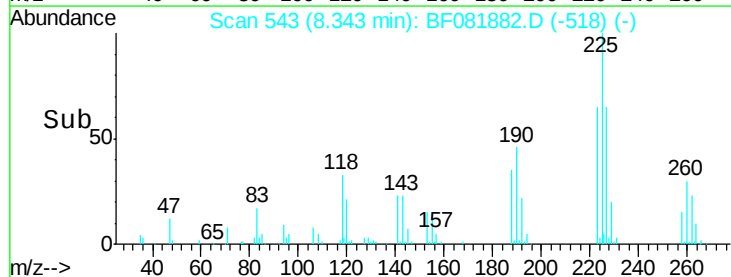
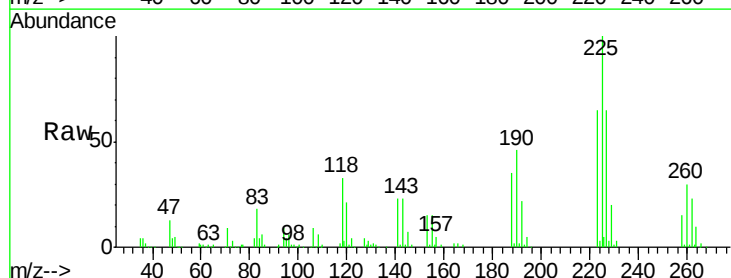
Instrument :
BNA_F
ClientSampleId :
PB85676BS

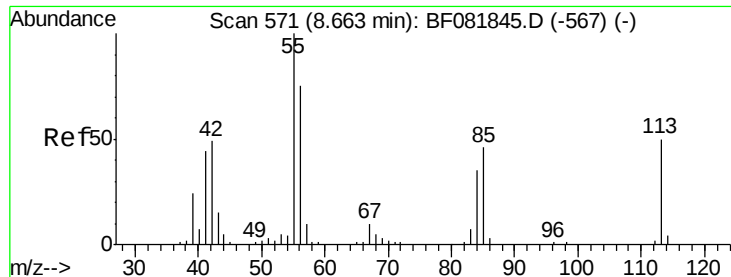
Tgt Ion:	127	Resp:	130606
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.8	38.6
65	31.5	17.9	26.9#
92	19.5	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 44.23 ng
RT: 8.34 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:	225	Resp:	125385
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.2	75.2
227	64.7	52.2	78.2





#35

Caprolactam

Concen: 44.11 ng

RT: 8.65 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

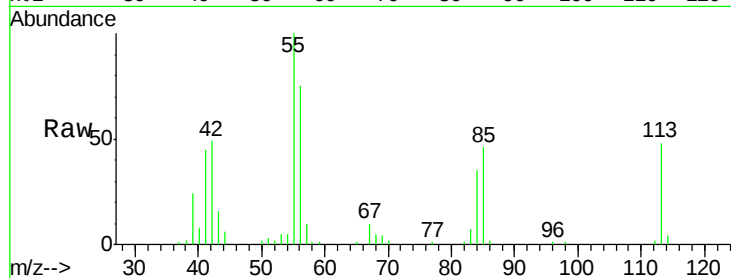
Tgt Ion:113 Resp: 52429

Ion Ratio Lower Upper

113 100

55 207.1 152.4 192.4#

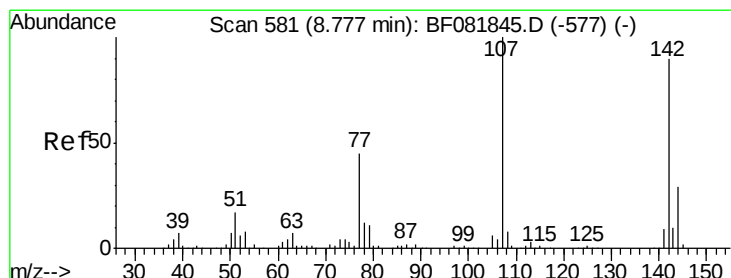
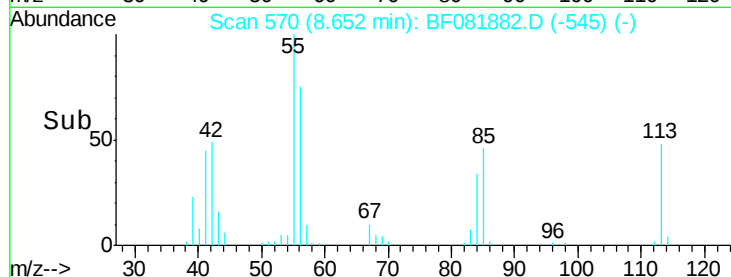
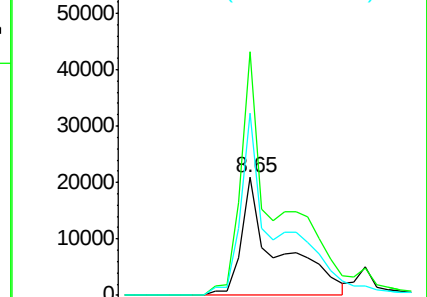
56 154.6 104.6 144.6#



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: 44.40 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

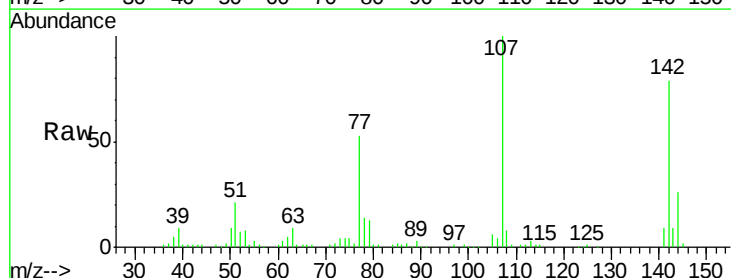
Tgt Ion:107 Resp: 186440

Ion Ratio Lower Upper

107 100

144 25.9 25.4 38.0

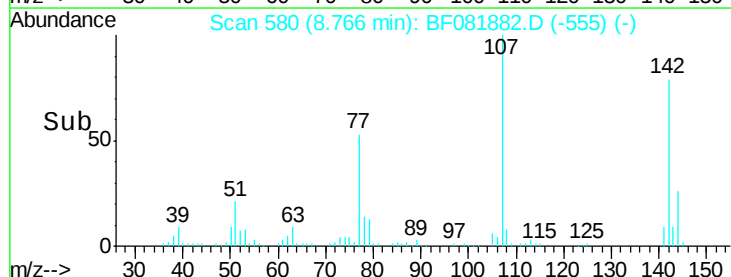
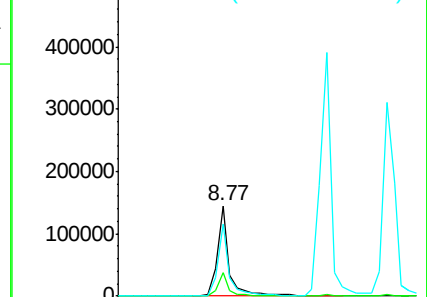
142 79.2 77.3 115.9

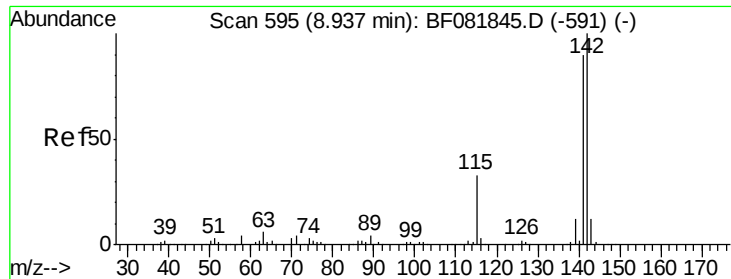


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

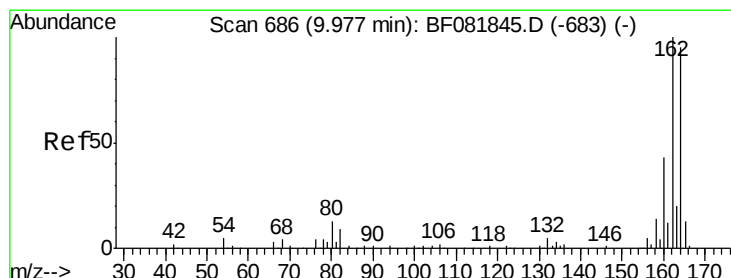
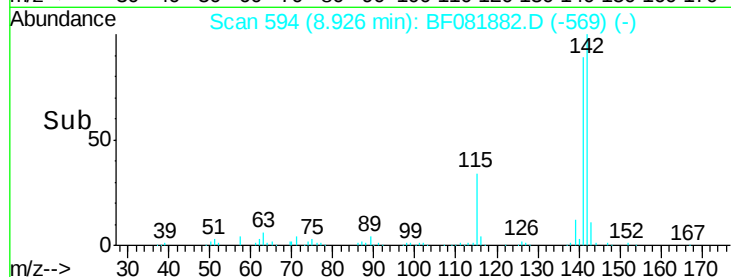
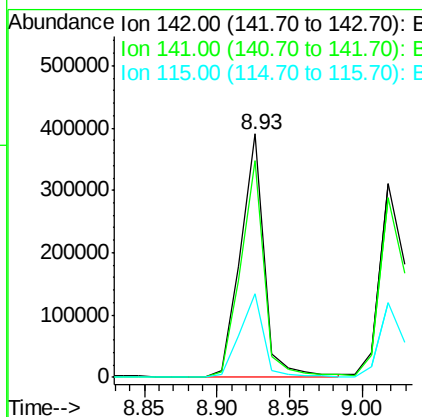
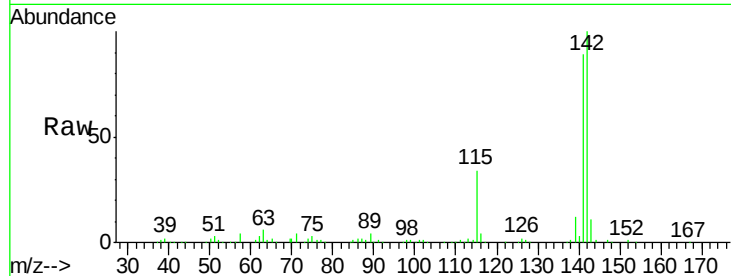




#37
 2-Methylnaphthalene
 Concen: 45.63 ng
 RT: 8.93 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

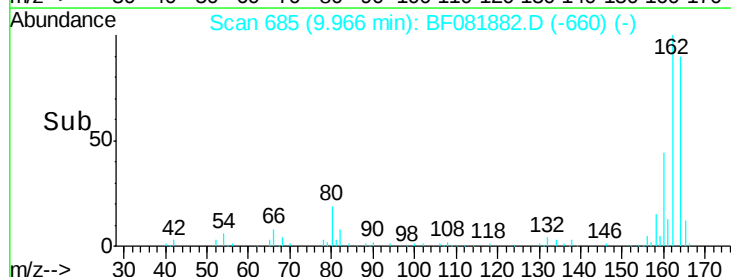
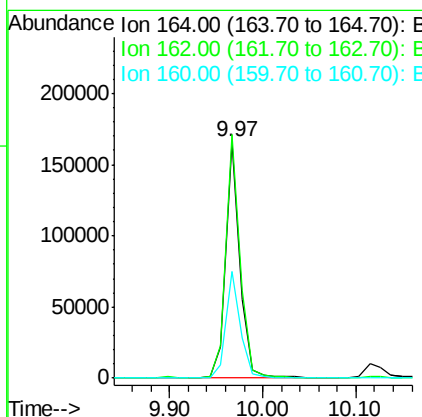
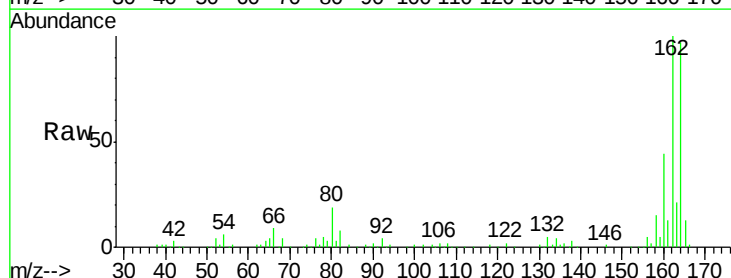
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

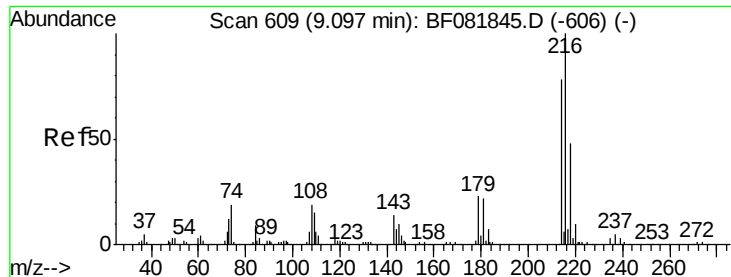
Tgt Ion:142 Resp: 444348
 Ion Ratio Lower Upper
 142 100
 141 89.1 67.5 101.3
 115 34.3 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion:164 Resp: 175234
 Ion Ratio Lower Upper
 164 100
 162 103.0 75.2 112.8
 160 44.9 31.5 47.3

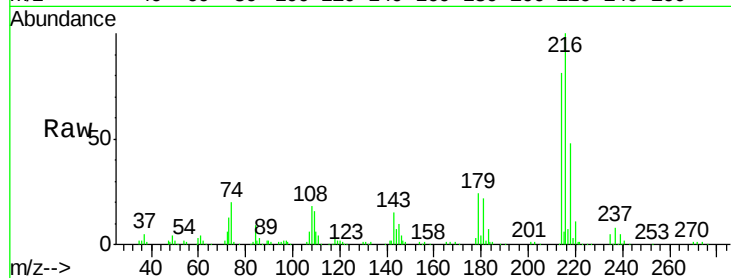




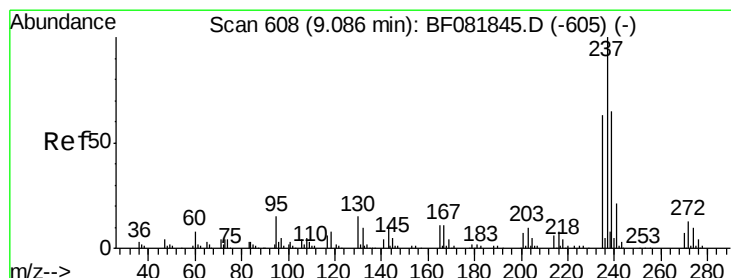
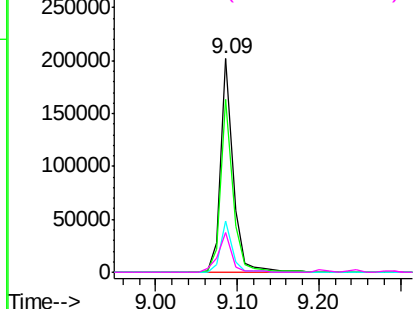
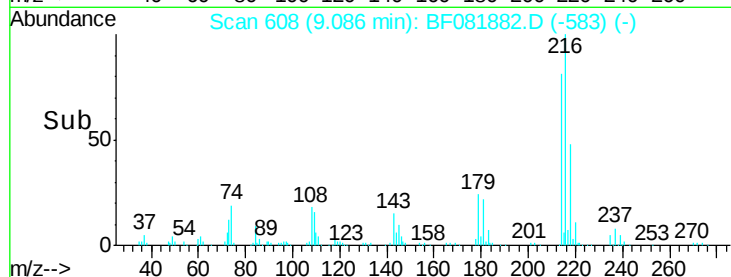
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.81 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion:	216	Resp:	214182
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	22.3	16.6	24.8
108	20.1	16.3	24.5

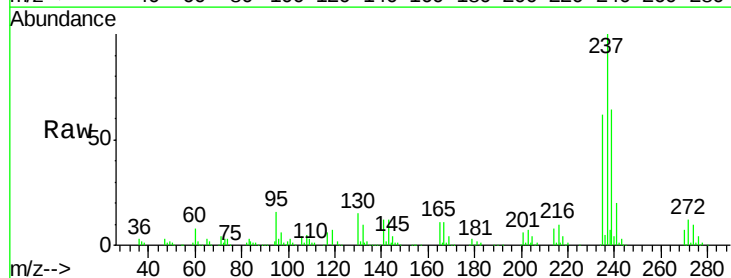


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

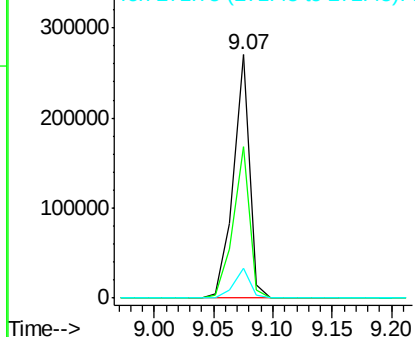
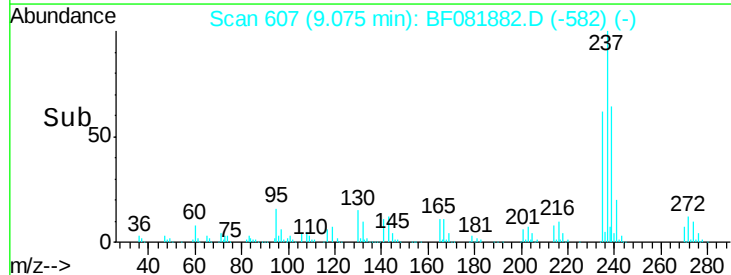


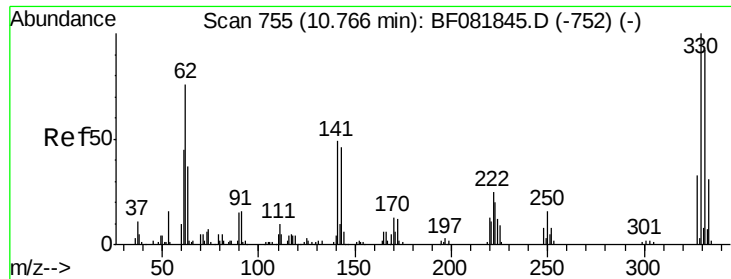
#40
 Hexachlorocyclopentadiene
 Concen: 92.97 ng
 RT: 9.07 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion:	237	Resp:	257552
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.0	82.0
272	12.5	0.0	36.1



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

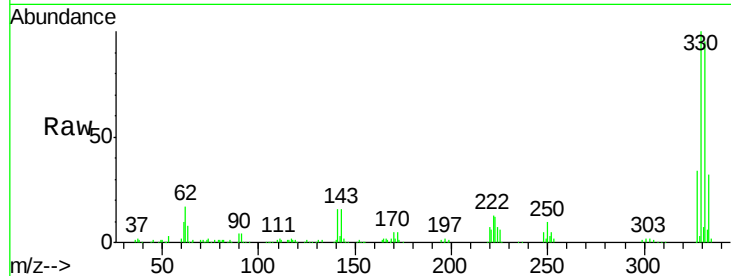




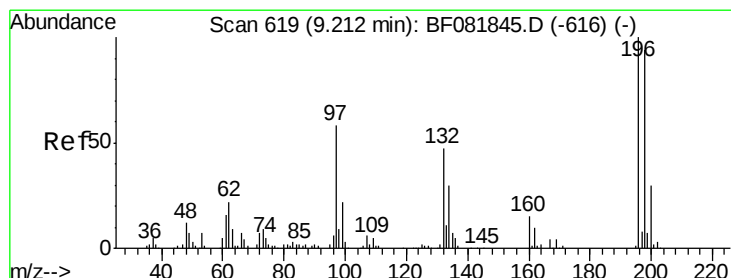
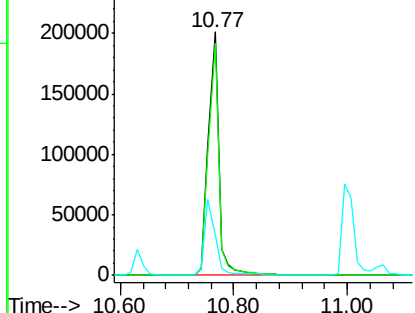
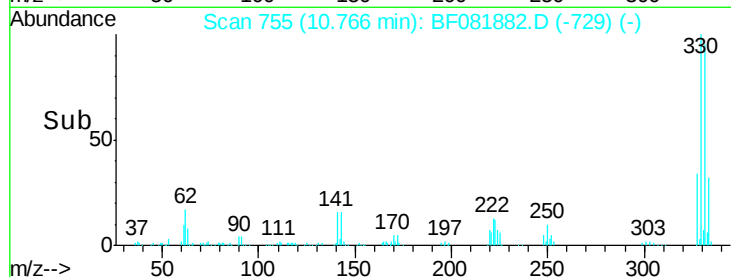
#41
 2,4,6-Tribromophenol
 Concen: 141.31 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion:330 Resp: 250782
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.6 114.8
 141 32.4 29.7 44.5

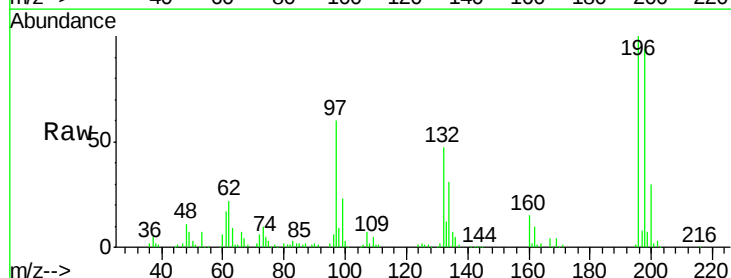


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

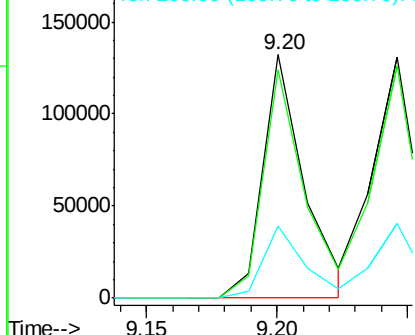
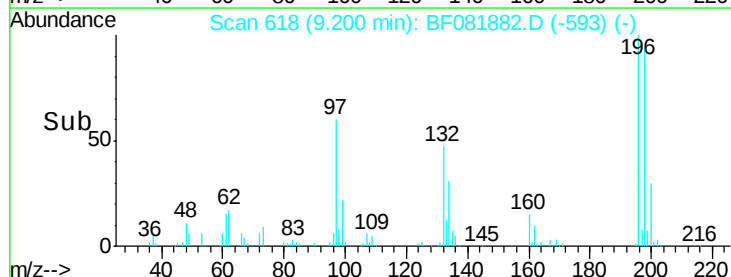


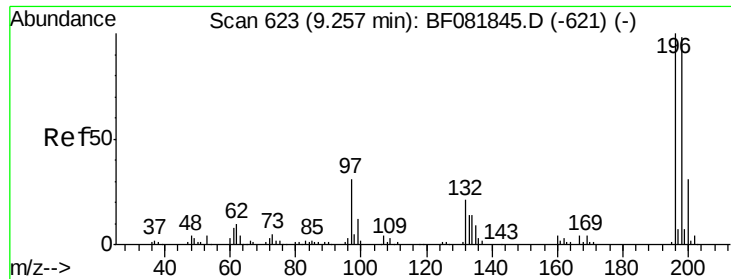
#42
 2,4,6-Trichlorophenol
 Concen: 39.83 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion:196 Resp: 146898
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 29.8 23.9 35.9



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

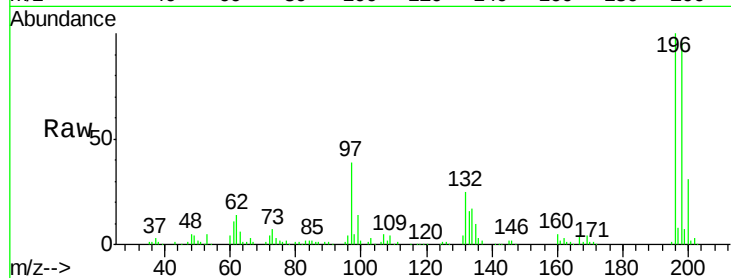




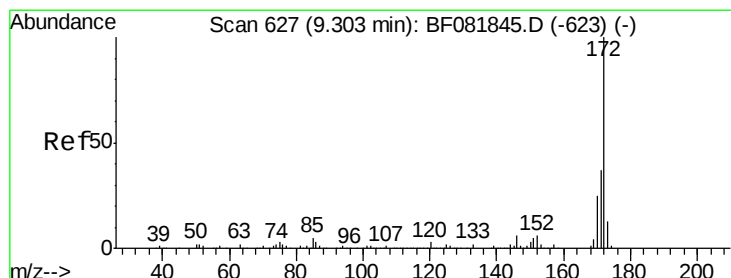
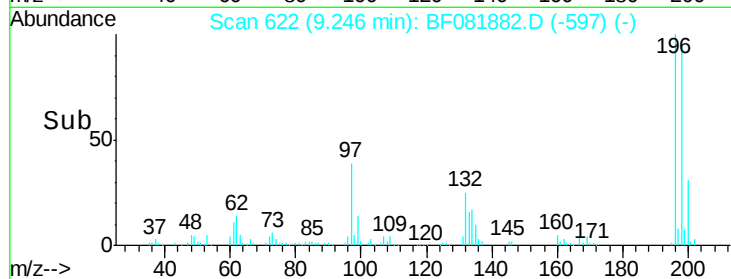
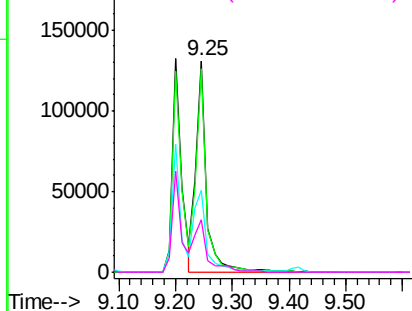
#43
 2,4,5-Trichlorophenol
 Concen: 45.44 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion:	196	Resp:	172323
Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.4	113.0
97	38.7	33.3	49.9
132	24.7	24.6	37.0

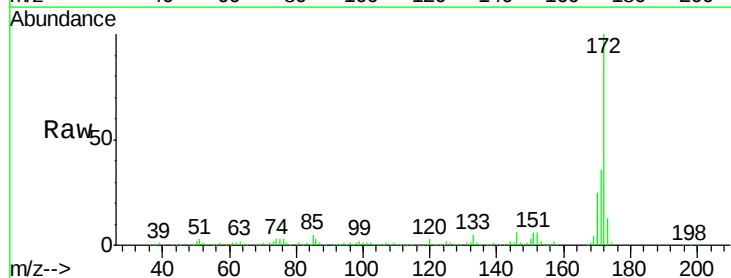


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

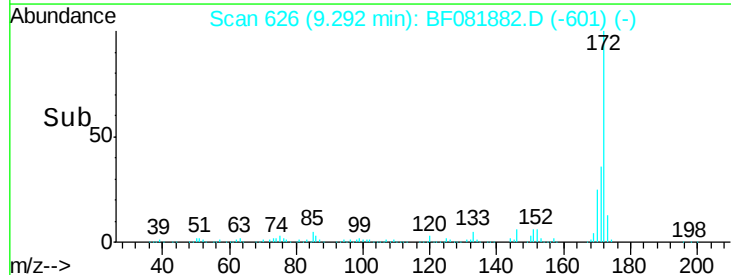
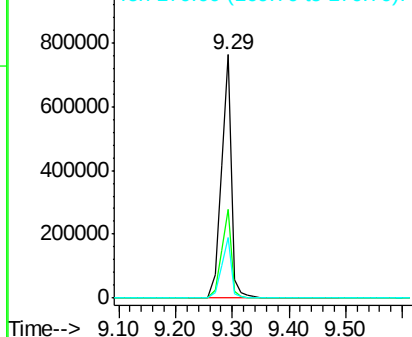


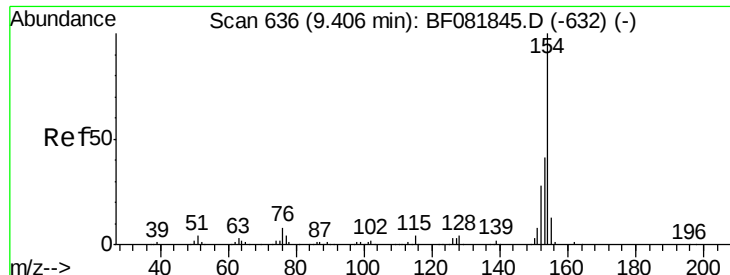
#44
 2-Fluorobiphenyl
 Concen: 89.84 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion:	172	Resp:	930447
Ion	Ratio	Lower	Upper
172	100		
171	36.4	26.1	39.1
170	24.8	17.4	26.2



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

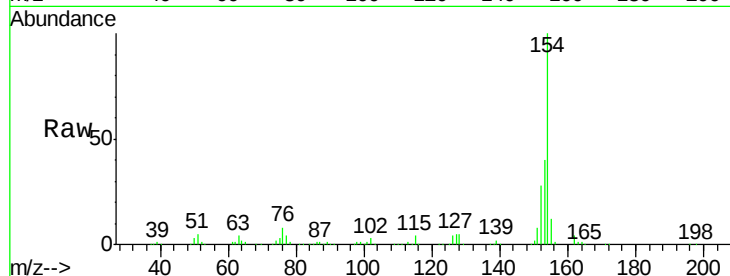




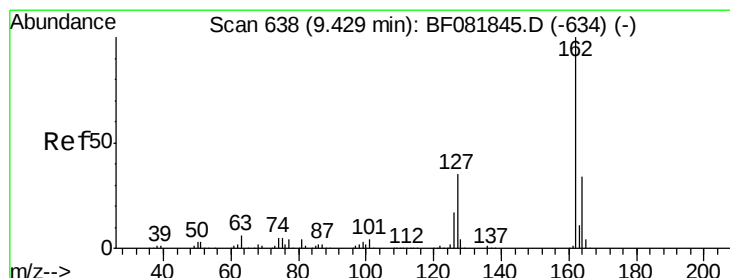
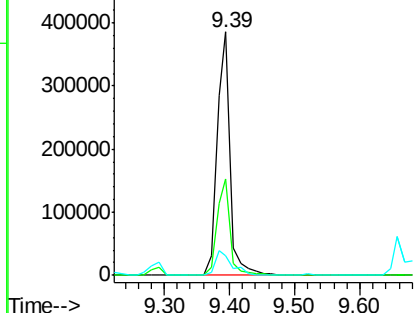
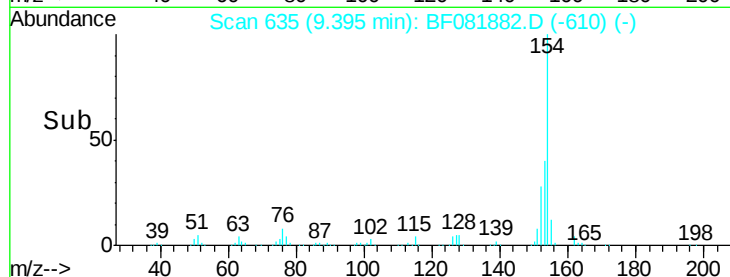
#45
 1,1'-Biphenyl
 Concen: 40.12 ng
 RT: 9.39 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion:154 Resp: 542428
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 8.0 0.0 31.6

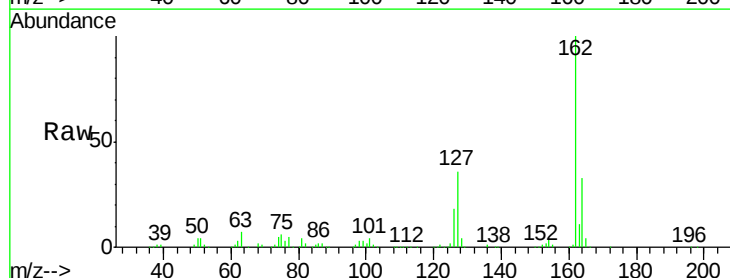


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

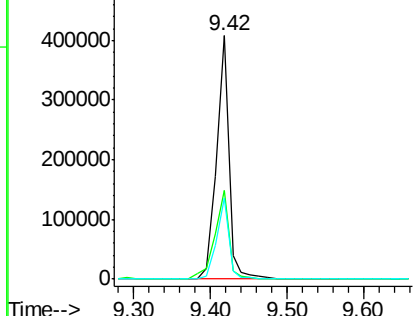
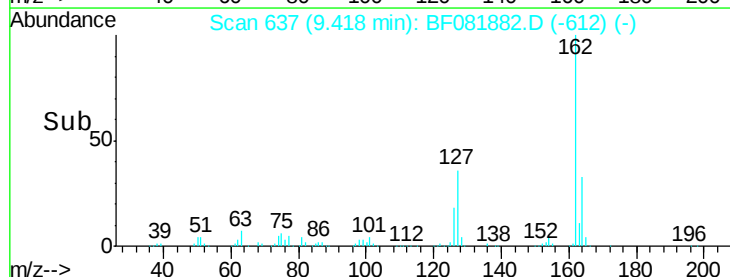


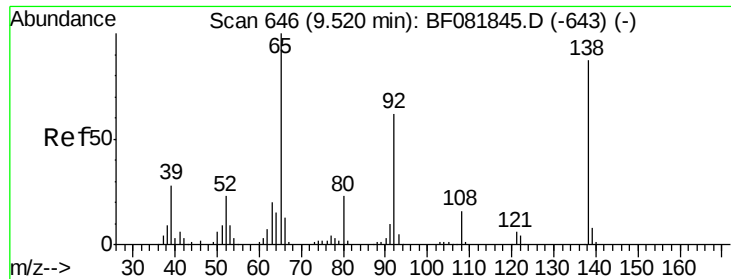
#46
 2-Chloronaphthalene
 Concen: 43.02 ng
 RT: 9.42 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion:162 Resp: 456671
 Ion Ratio Lower Upper
 162 100
 127 36.5 27.6 41.4
 164 33.3 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

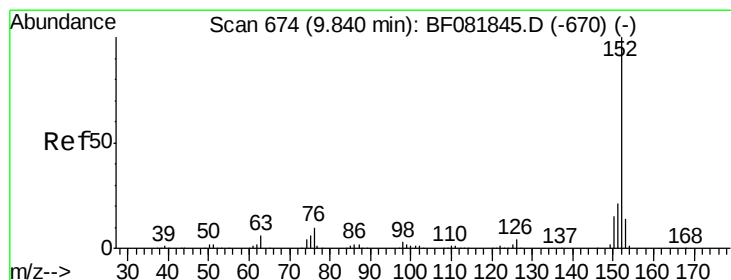
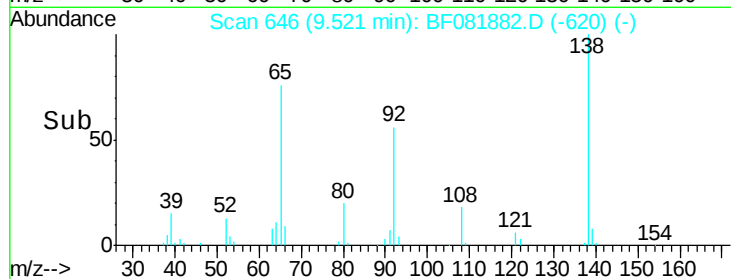
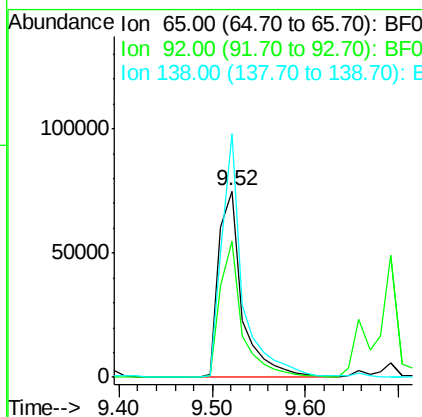
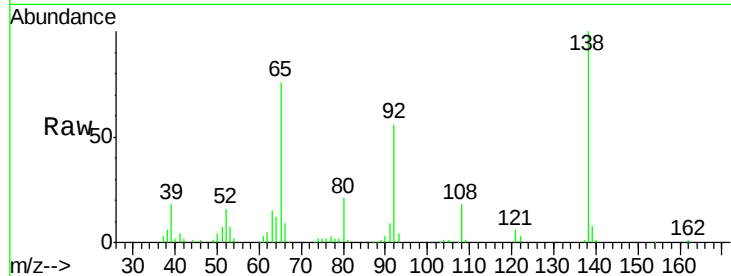




#47
 2-Nitroaniline
 Concen: 42.58 ng
 RT: 9.52 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

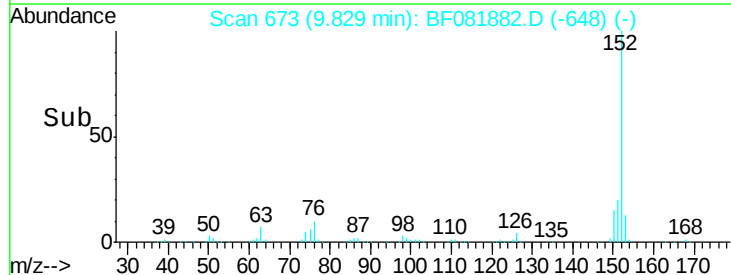
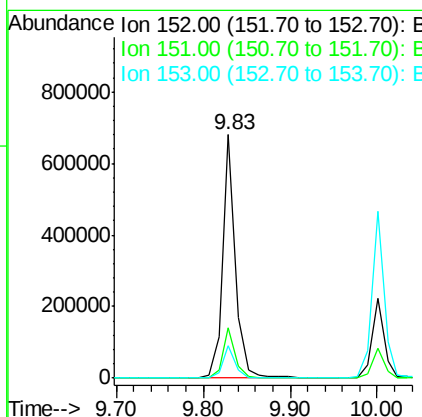
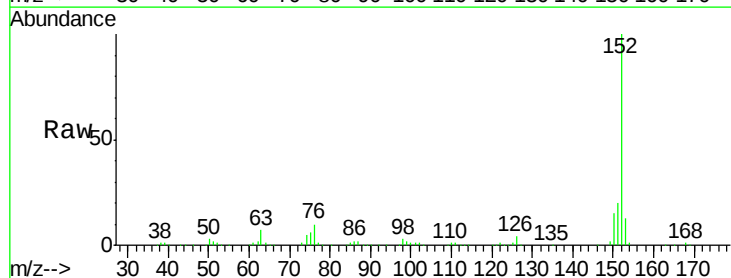
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

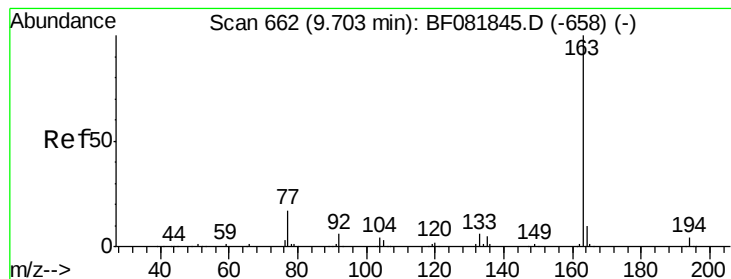
Tgt Ion: 65 Resp: 132676
 Ion Ratio Lower Upper
 65 100
 92 73.0 55.4 83.0
 138 130.9 115.5 173.3



#48
 Acenaphthylene
 Concen: 41.33 ng
 RT: 9.83 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 152 Resp: 702264
 Ion Ratio Lower Upper
 152 100
 151 20.4 14.6 22.0
 153 13.5 10.3 15.5





#49

Dimethylphthalate

Concen: 44.66 ng

RT: 9.69 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

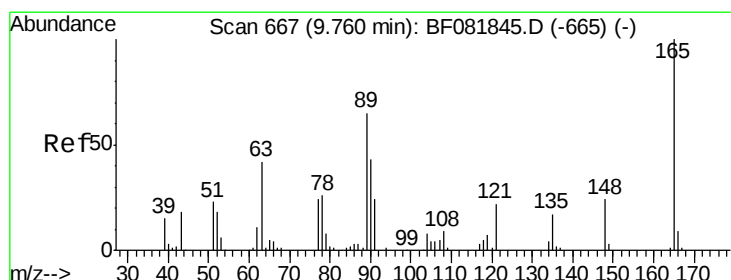
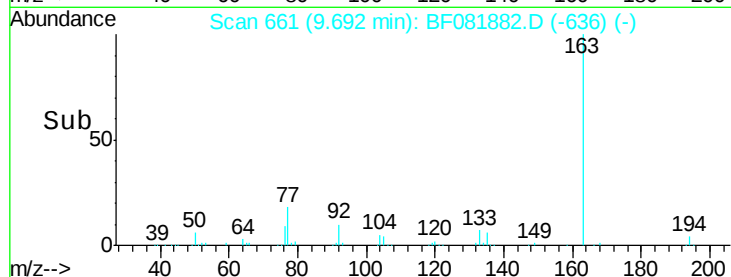
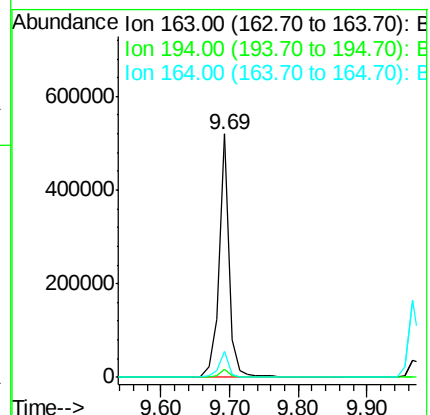
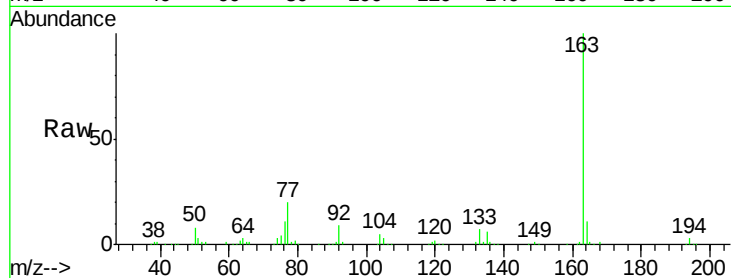
Tgt Ion:163 Resp: 540157

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

164 10.6 8.3 12.5



#50

2,6-Dinitrotoluene

Concen: 46.17 ng

RT: 9.76 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

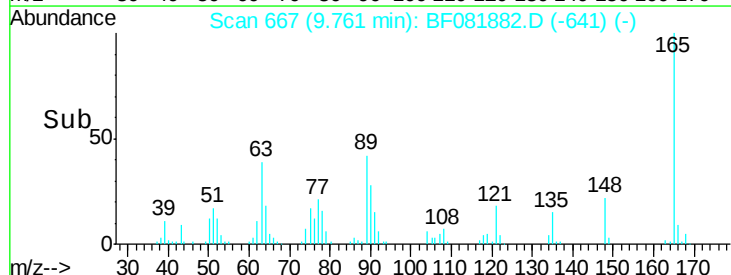
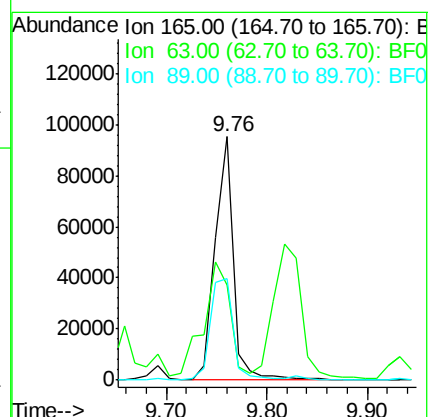
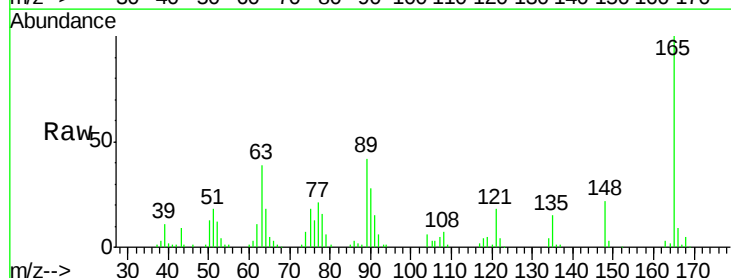
Tgt Ion:165 Resp: 121256

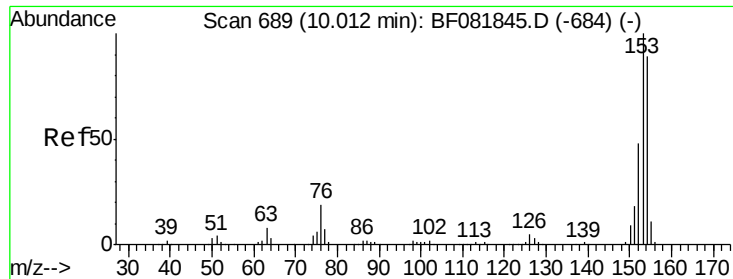
Ion Ratio Lower Upper

165 100

63 39.2 32.3 48.5

89 41.7 28.6 43.0





#51

Acenaphthene

Concen: 48.16 ng

RT: 10.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

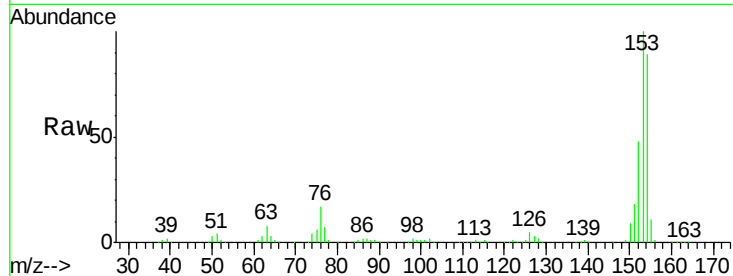
Tgt Ion:154 Resp: 485884

Ion Ratio Lower Upper

154 100

153 112.3 82.1 123.1

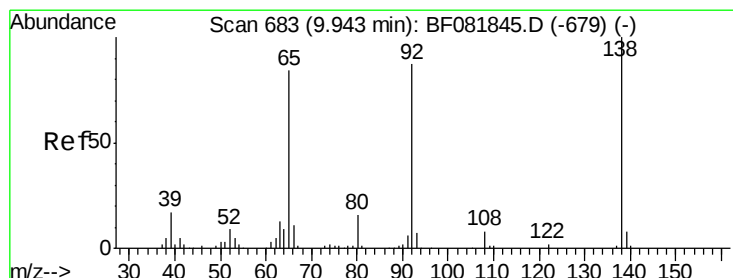
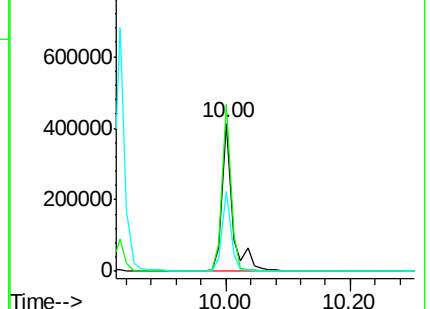
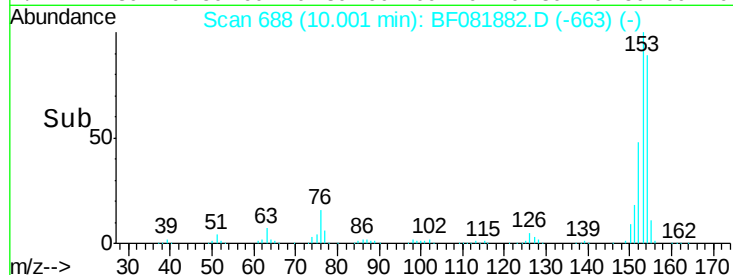
152 54.0 37.9 56.9



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: 26.12 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

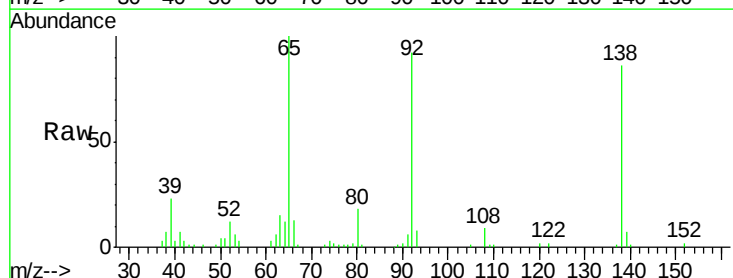
Tgt Ion:138 Resp: 79367

Ion Ratio Lower Upper

138 100

108 10.1 5.7 8.5#

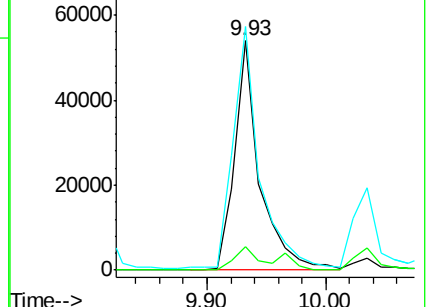
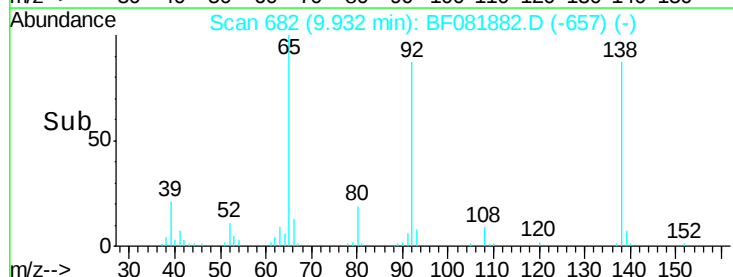
92 106.2 67.7 101.5#

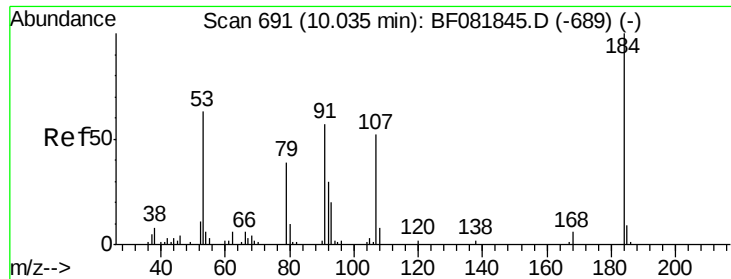


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

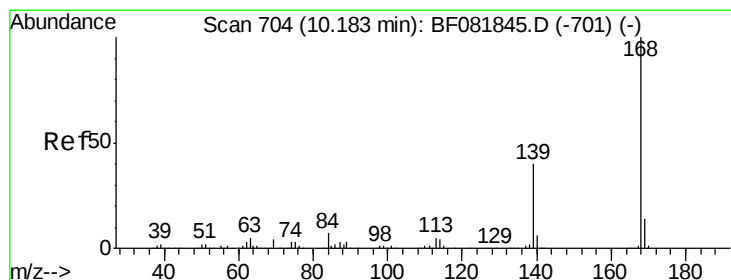
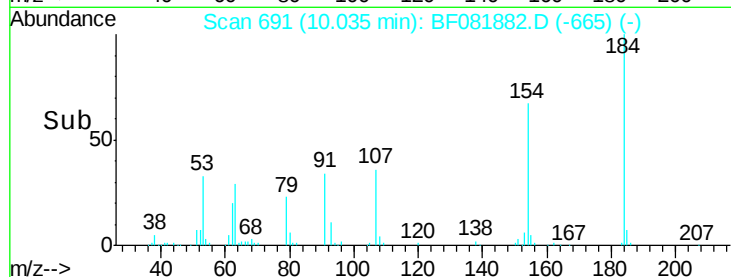
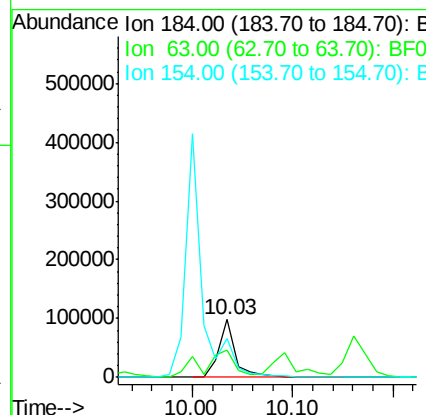
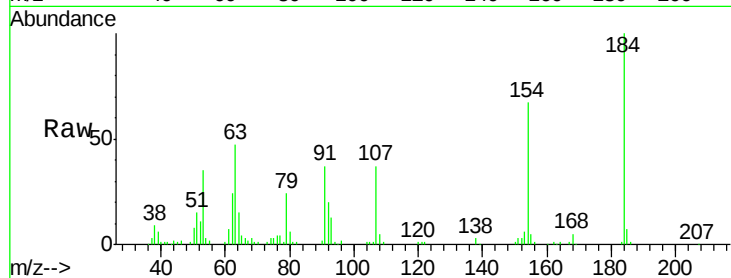




#53
2,4-Dinitrophenol
Concen: 85.70 ng
RT: 10.03 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

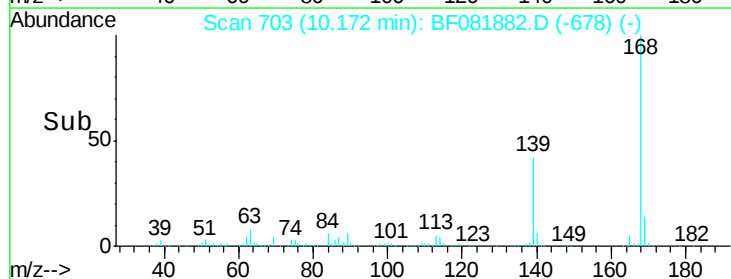
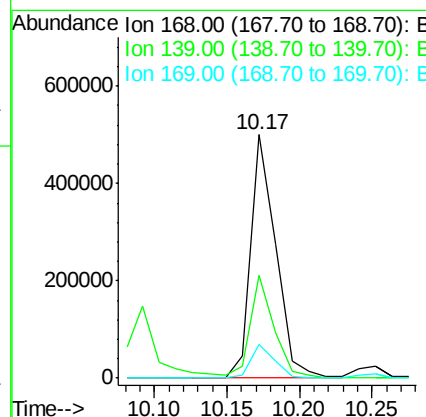
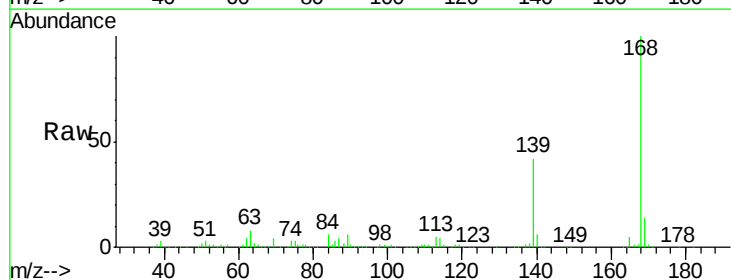
Instrument :
BNA_F
ClientSampleId :
PB85676BS

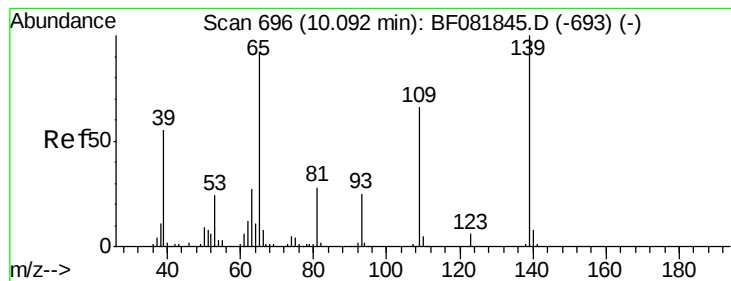
Tgt Ion:184 Resp: 115124
Ion Ratio Lower Upper
184 100
63 47.1 35.4 53.2
154 67.1 32.2 48.4#



#54
Dibenzofuran
Concen: 42.13 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:168 Resp: 600749
Ion Ratio Lower Upper
168 100
139 42.3 24.2 36.2#
169 13.8 10.6 15.8





#55

4-Nitrophenol

Concen: 89.64 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

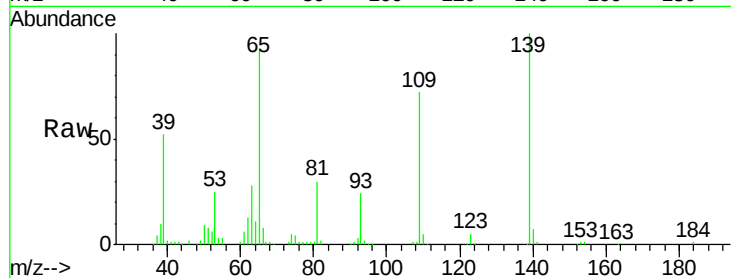
Tgt Ion:139 Resp: 196774

Ion Ratio Lower Upper

139 100

109 72.3 12.7 52.7#

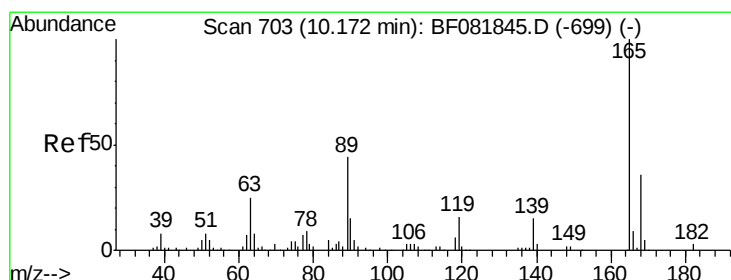
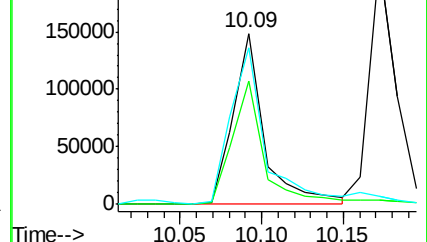
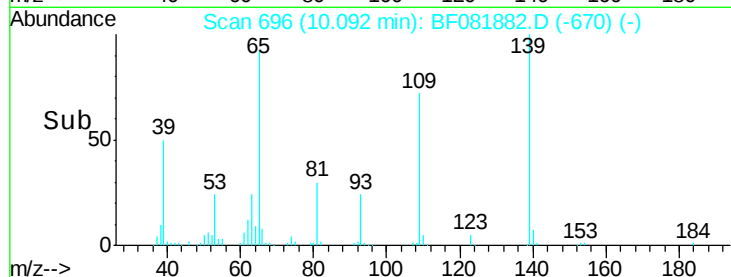
65 92.1 45.9 85.9#



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: 49.22 ng

RT: 10.16 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Tgt Ion:165 Resp: 164774

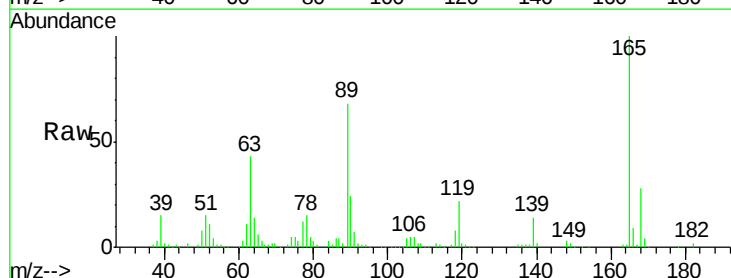
Ion Ratio Lower Upper

165 100

63 43.0 29.8 44.6

89 67.7 44.5 66.7#

182 2.2 3.0 4.4#

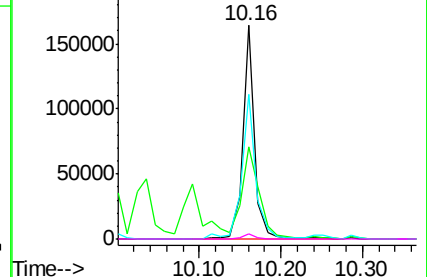
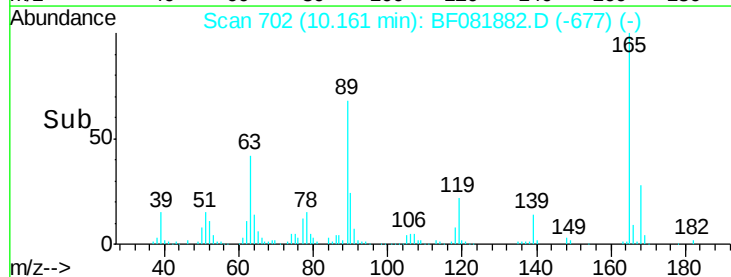


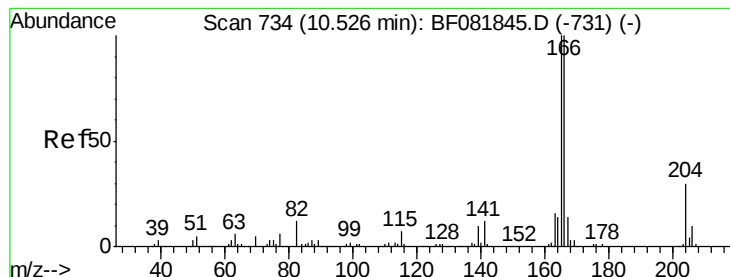
Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.05 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

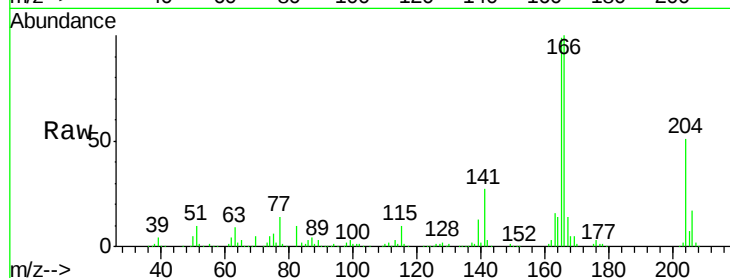
Tgt Ion:166 Resp: 469044

Ion Ratio Lower Upper

166 100

165 99.0 72.6 109.0

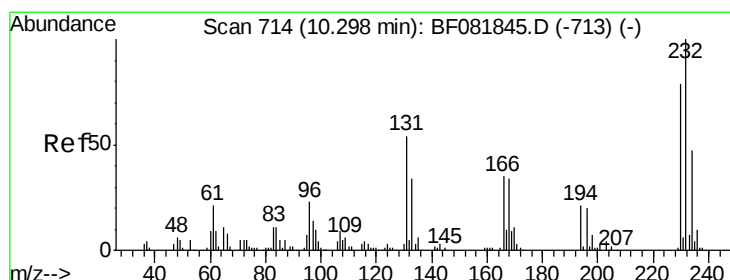
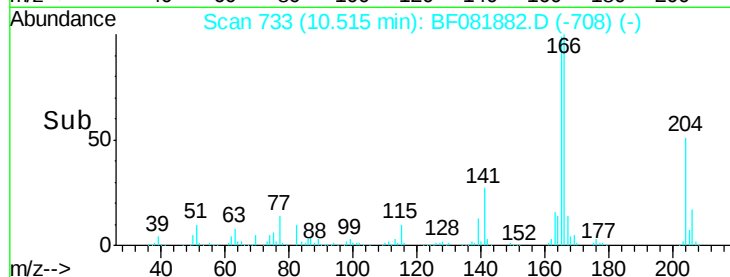
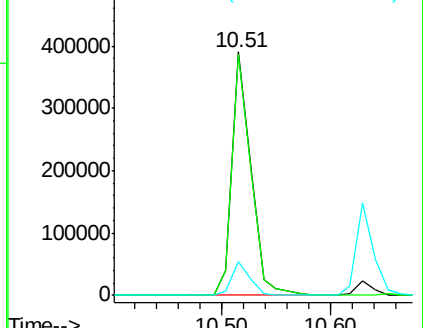
167 13.6 10.6 16.0



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: 45.74 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.05 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Tgt Ion:232 Resp: 137615

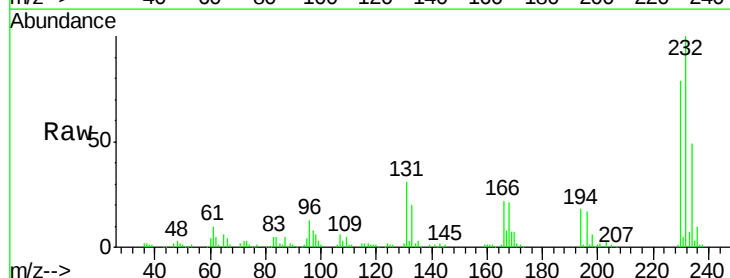
Ion Ratio Lower Upper

232 100

131 40.7 38.5 57.7

130 2.2 1.8 2.6

166 25.7 25.0 37.6

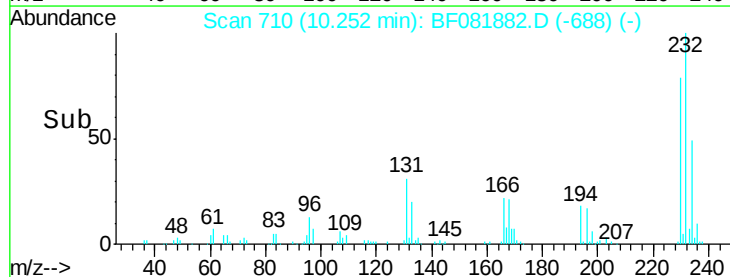
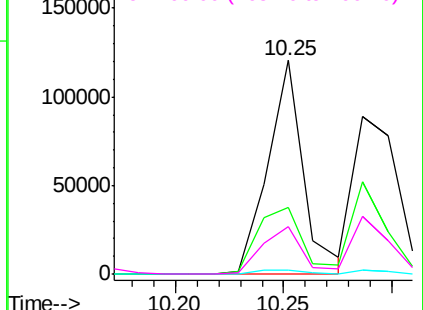


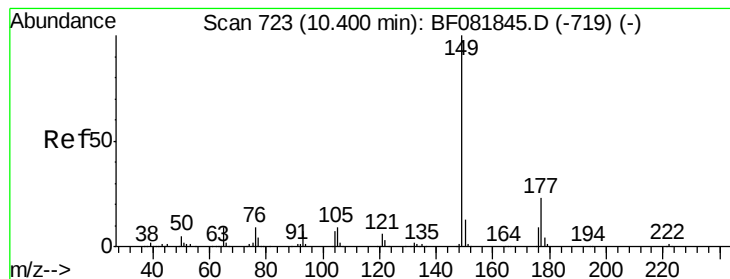
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.47 ng

RT: 10.39 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

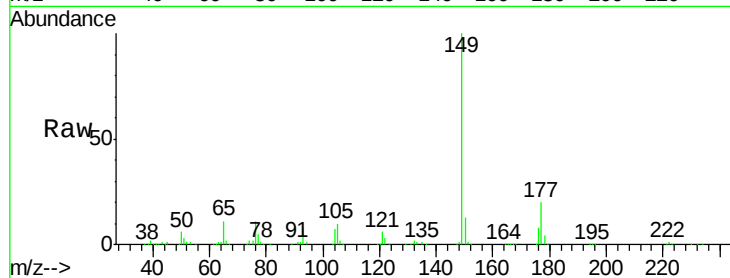
Tgt Ion:149 Resp: 513759

Ion Ratio Lower Upper

149 100

177 20.2 17.5 26.3

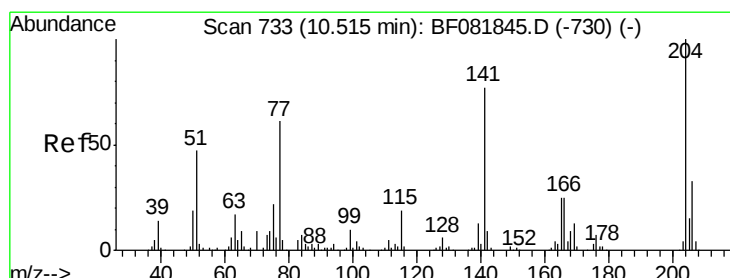
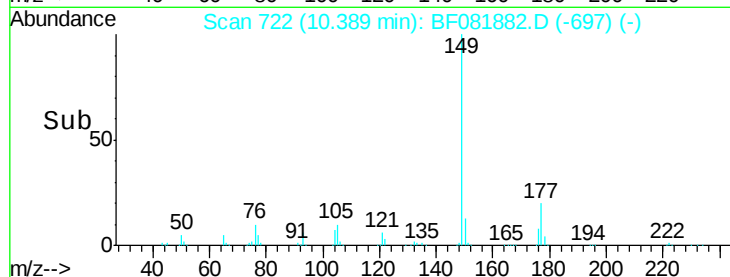
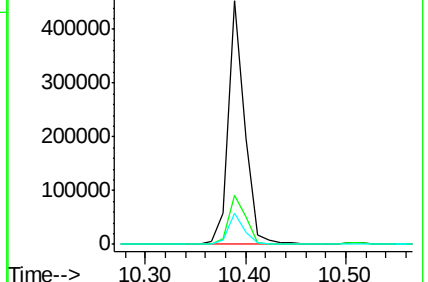
150 12.7 9.4 14.2



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: 44.52 ng

RT: 10.51 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

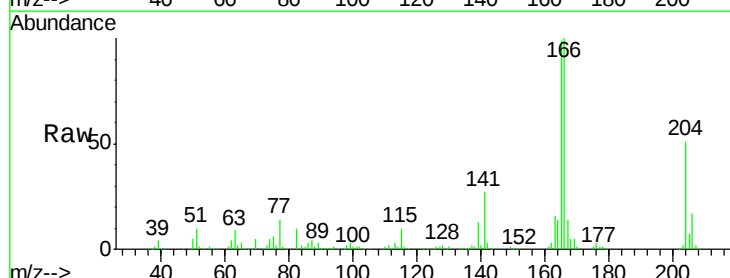
Tgt Ion:204 Resp: 232391

Ion Ratio Lower Upper

204 100

206 34.0 24.8 37.2

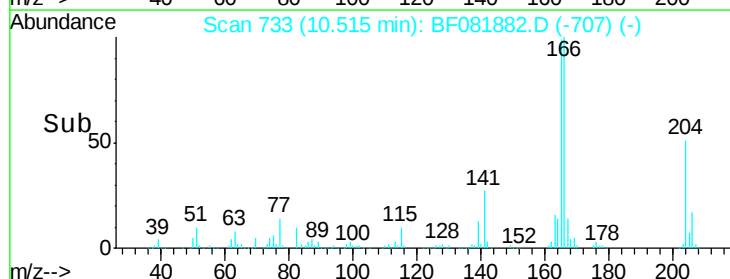
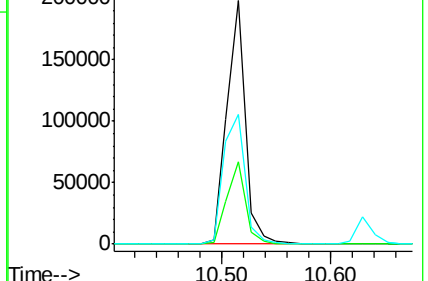
141 53.2 42.2 63.4

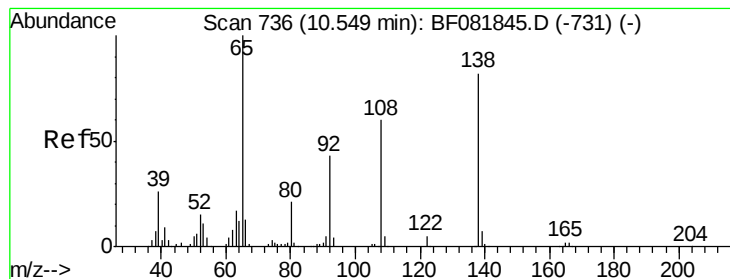


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.48 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

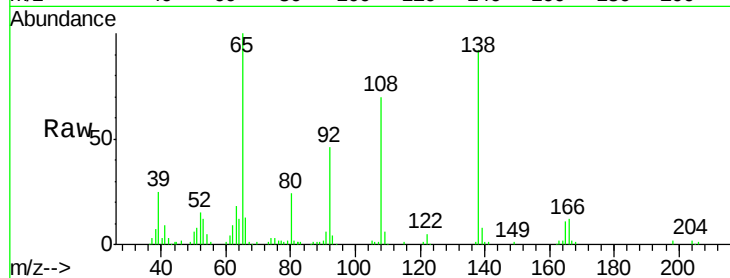
Tgt Ion:138 Resp: 123310

Ion Ratio Lower Upper

138 100

92 49.9 12.6 52.6

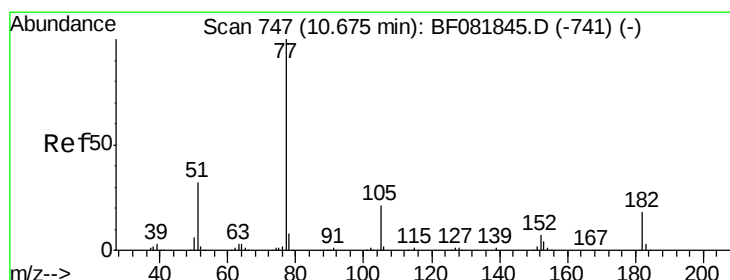
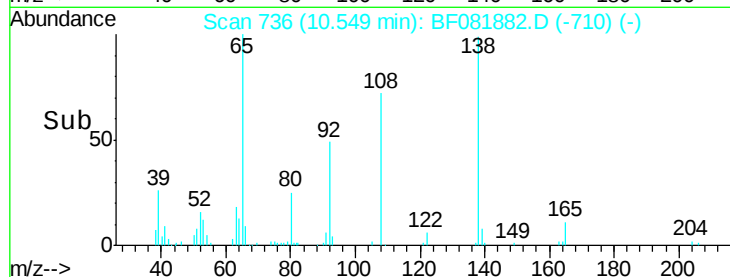
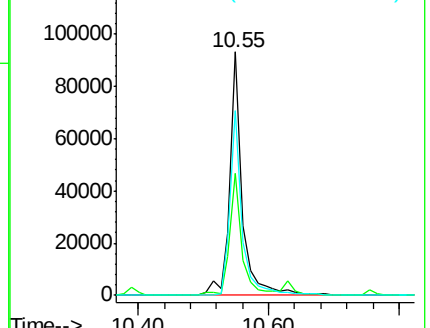
108 76.1 12.4 52.4#



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: 48.13 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Tgt Ion: 77 Resp: 530754

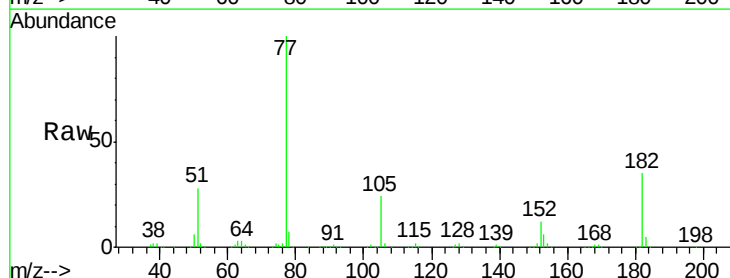
Ion Ratio Lower Upper

77 100

182 34.7 15.1 55.1

105 24.5 3.4 43.4

51 28.1 12.0 52.0

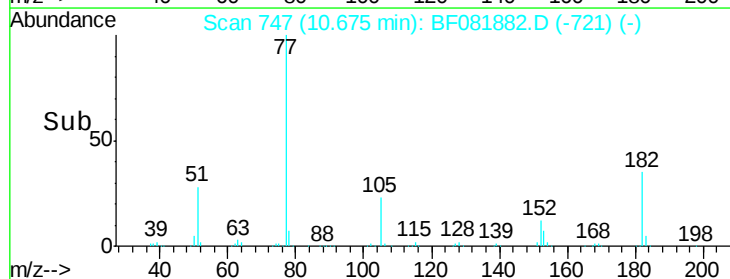
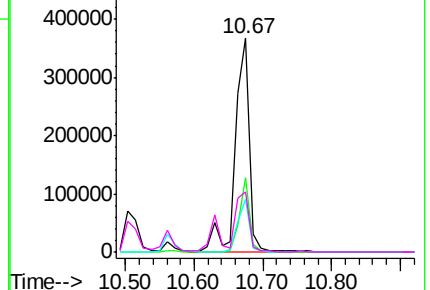


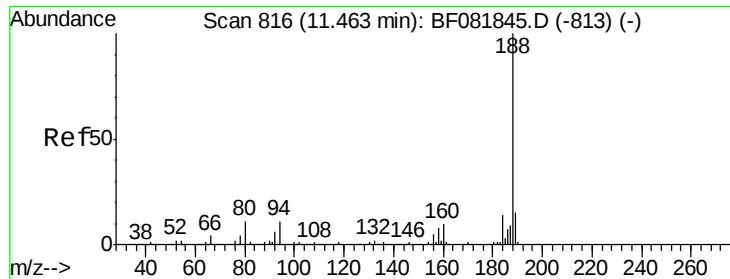
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

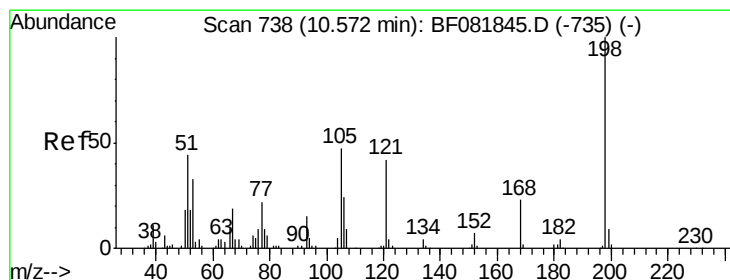
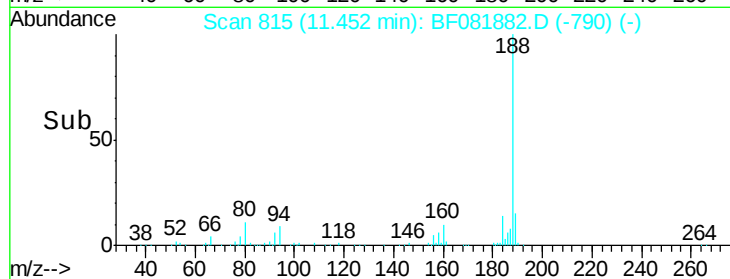
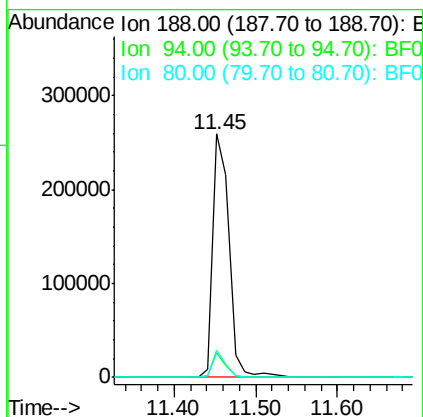
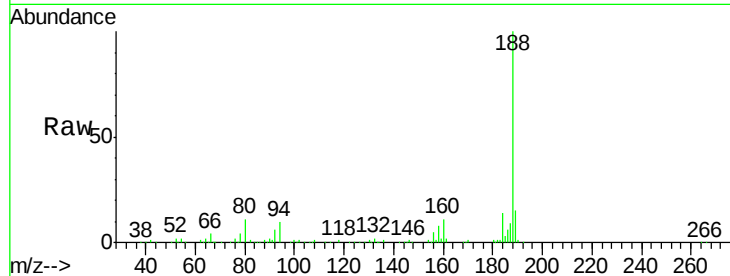




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

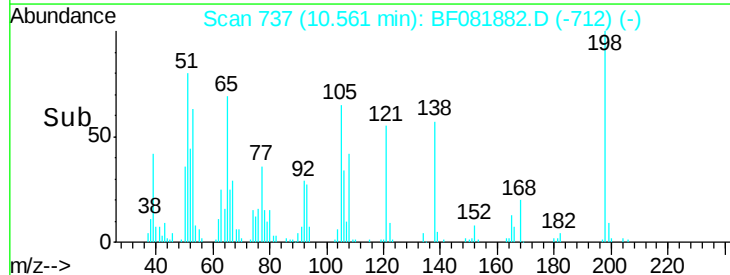
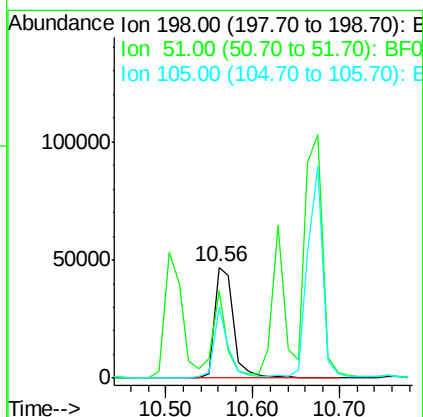
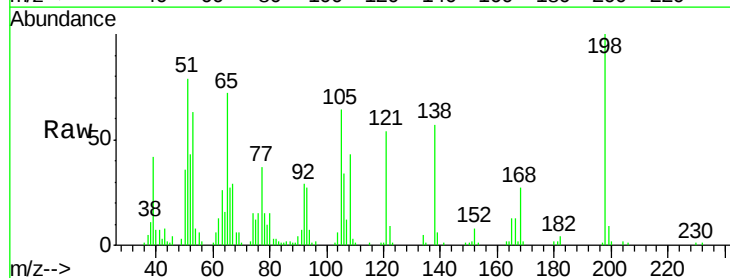
Instrument :
BNA_F
ClientSampleId :
PB85676BS

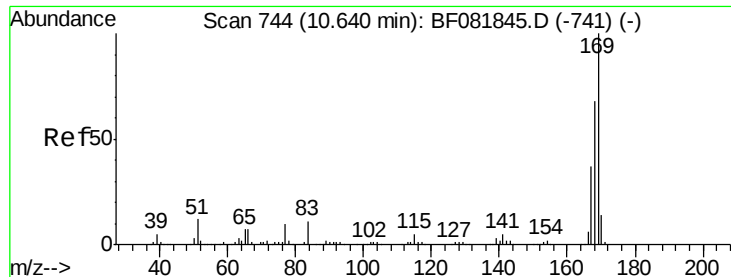
Tgt Ion:188 Resp: 361992
Ion Ratio Lower Upper
188 100
94 10.4 11.1 16.7#
80 11.2 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 45.24 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:198 Resp: 73290
Ion Ratio Lower Upper
198 100
51 79.4 39.6 79.6
105 64.3 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 39.92 ng

RT: 10.63 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

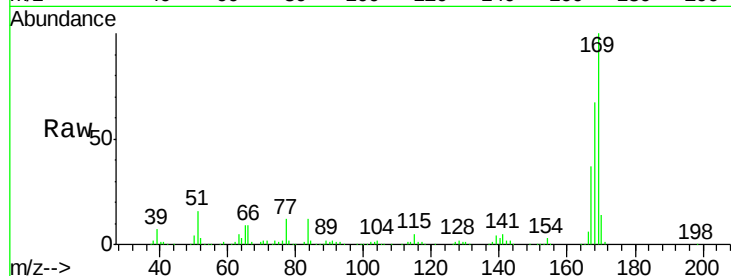
Tgt Ion:169 Resp: 437264

Ion Ratio Lower Upper

169 100

168 67.3 48.9 73.3

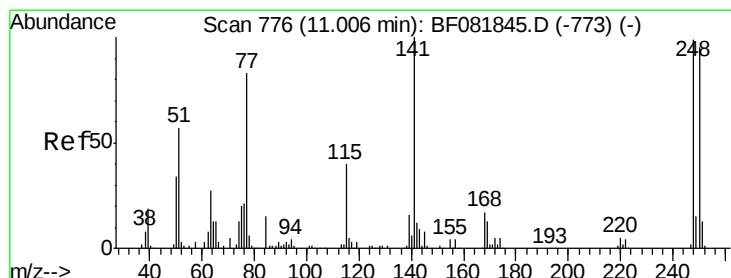
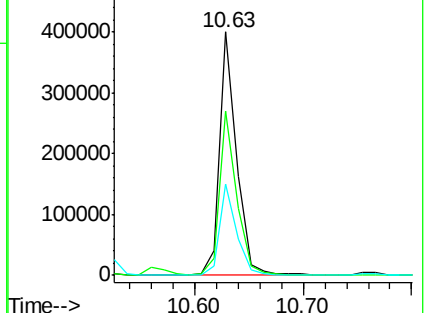
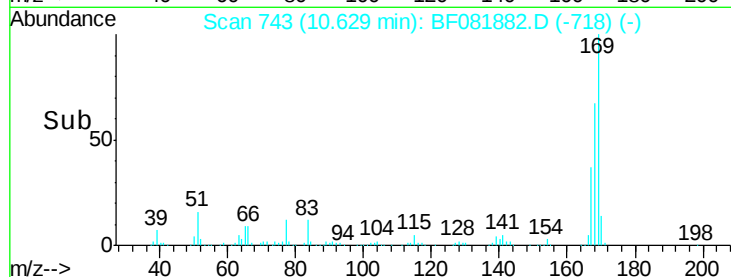
167 37.3 26.2 39.4



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: 42.45 ng

RT: 11.01 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

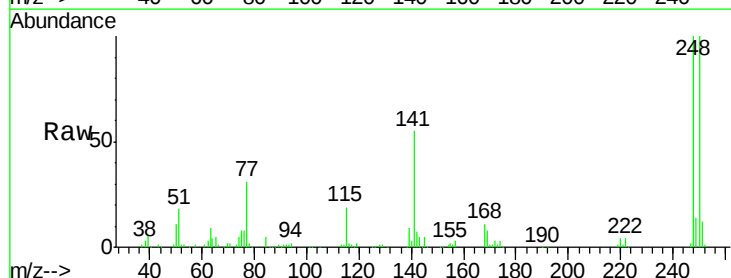
Tgt Ion:248 Resp: 154949

Ion Ratio Lower Upper

248 100

250 100.2 78.5 117.7

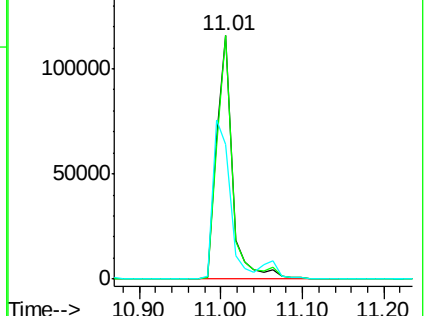
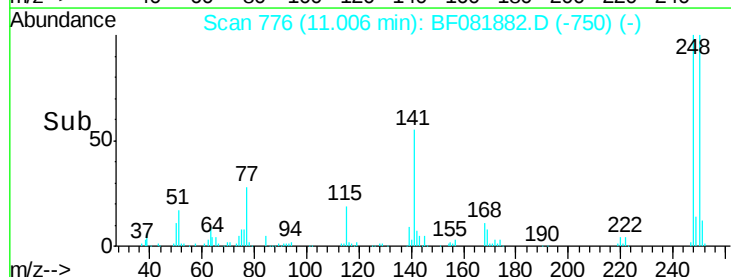
141 55.5 59.0 88.6#

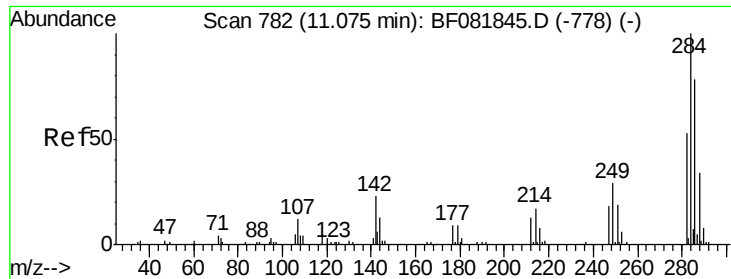


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

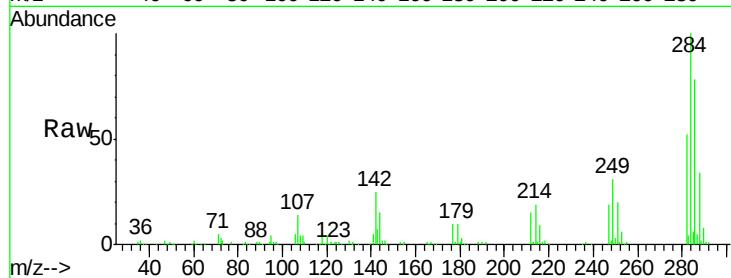




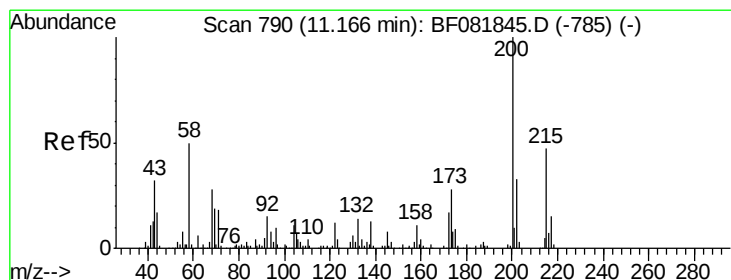
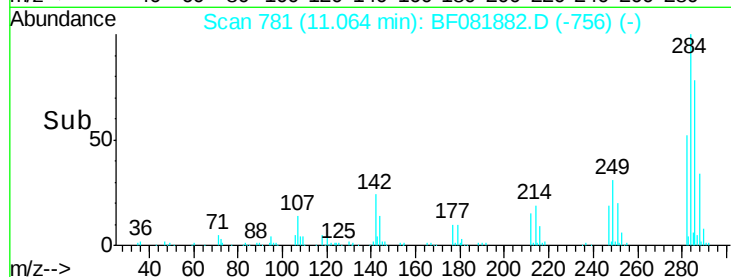
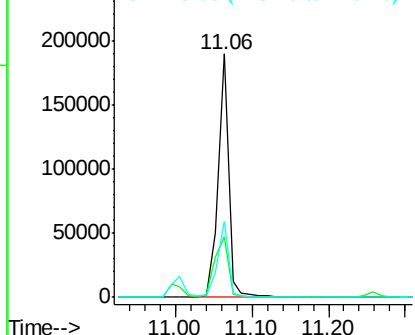
#67
Hexachlorobenzene
Concen: 44.04 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Instrument :
BNA_F
ClientSampleId :
PB85676BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.9	29.5	44.3#
249	31.1	19.5	29.3#

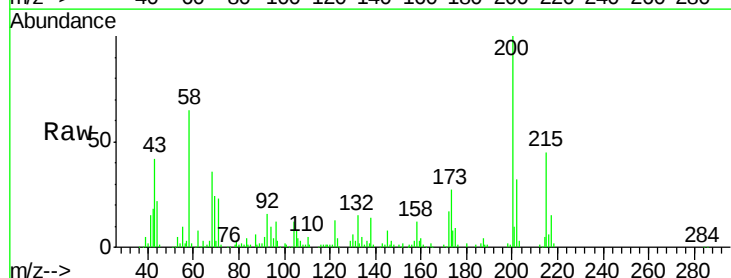


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

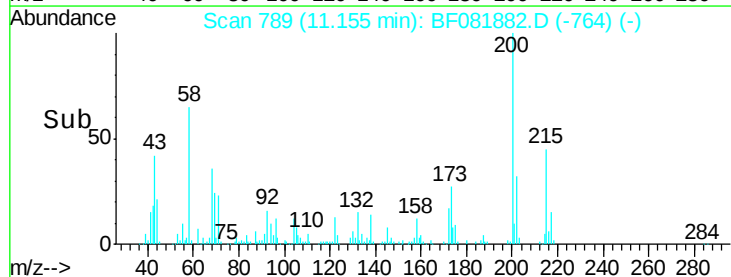
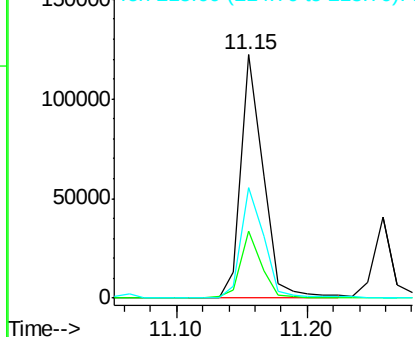


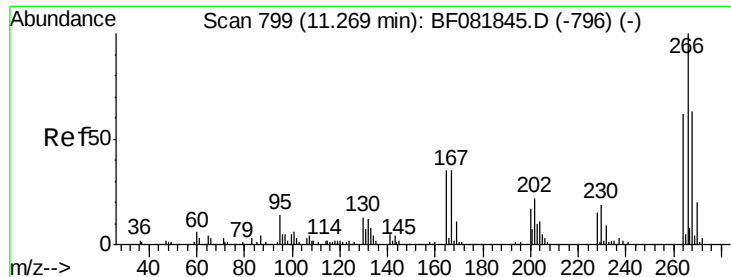
#68
Atrazine
Concen: 42.84 ng
RT: 11.15 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	13.2	53.2
215	45.2	41.8	81.8



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

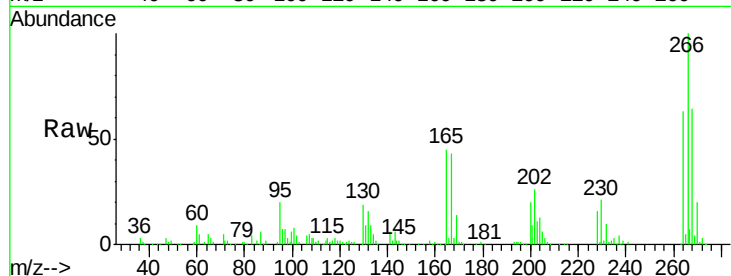




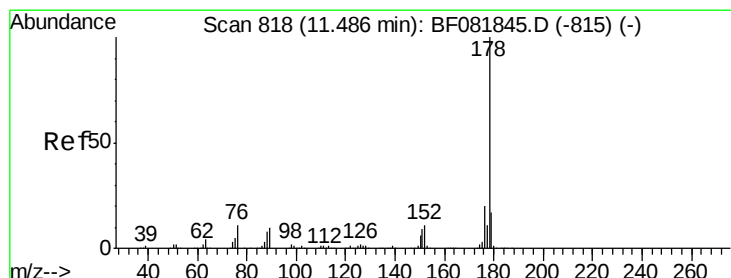
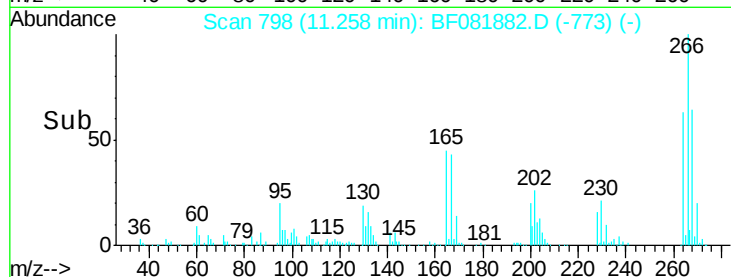
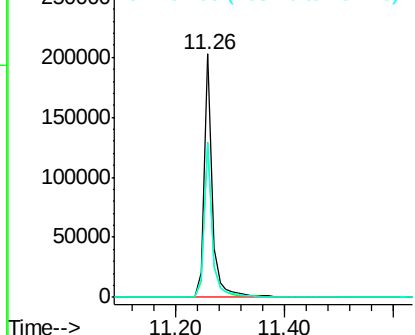
#69
 Pentachlorophenol
 Concen: 88.98 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion: 266 Resp: 208851
 Ion Ratio Lower Upper
 266 100
 268 63.8 49.8 74.6
 264 63.3 50.2 75.2

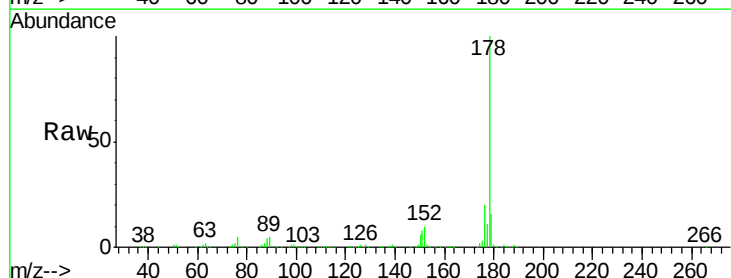


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

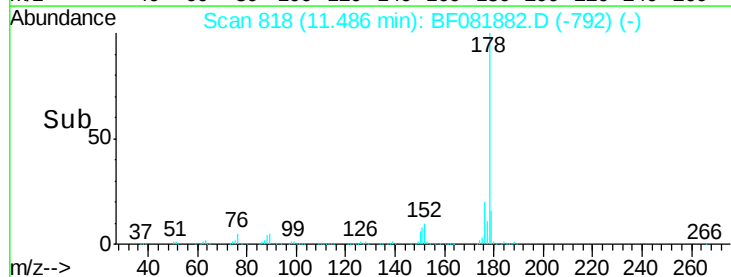
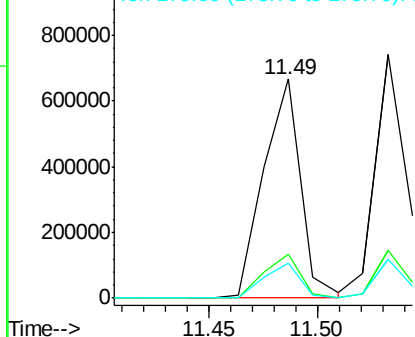


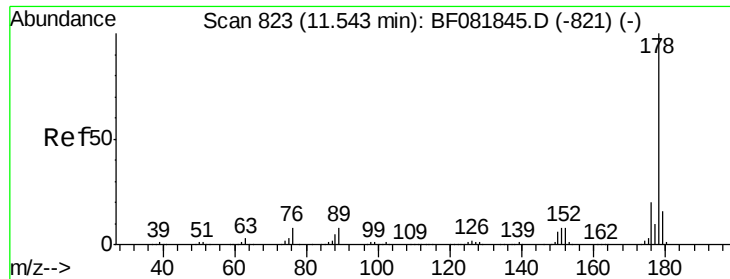
#70
 Phenanthrene
 Concen: 45.56 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 178 Resp: 793356
 Ion Ratio Lower Upper
 178 100
 176 20.1 13.8 20.8
 179 15.8 12.2 18.2



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

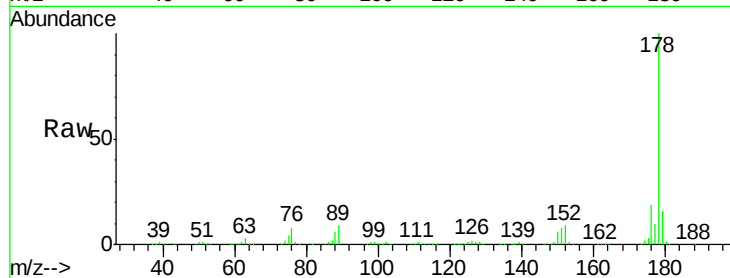




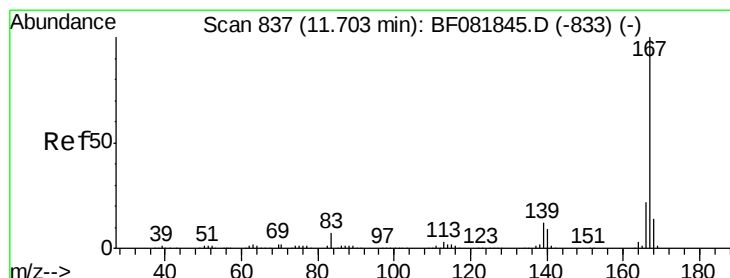
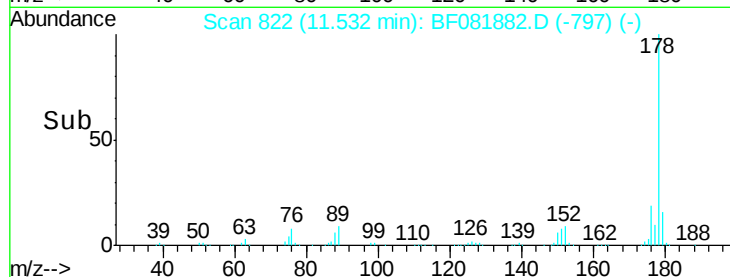
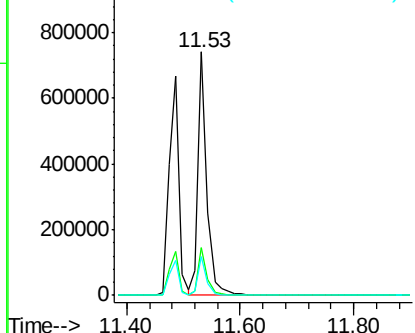
#71
 Anthracene
 Concen: 43.37 ng
 RT: 11.53 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion:178 Resp: 797982
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 16.0 12.2 18.2

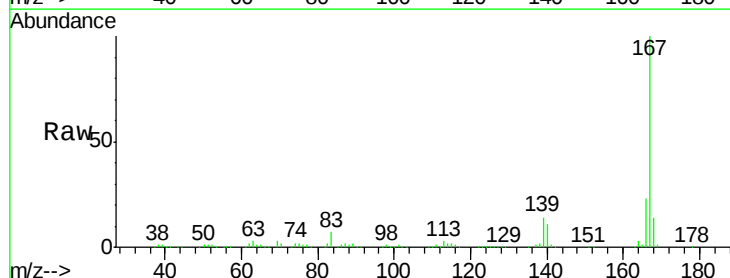


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

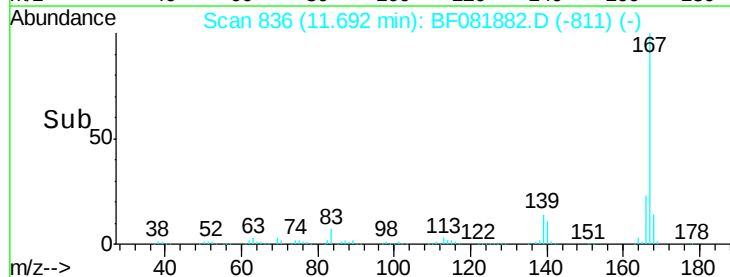
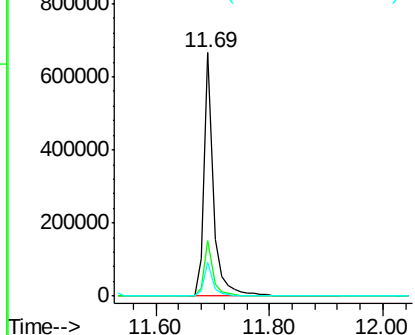


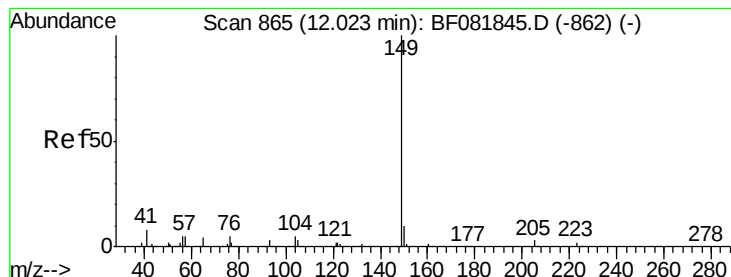
#72
 Carbazole
 Concen: 44.24 ng
 RT: 11.69 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion:167 Resp: 736725
 Ion Ratio Lower Upper
 167 100
 166 22.6 15.7 23.5
 139 13.7 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.77 ng

RT: 12.01 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

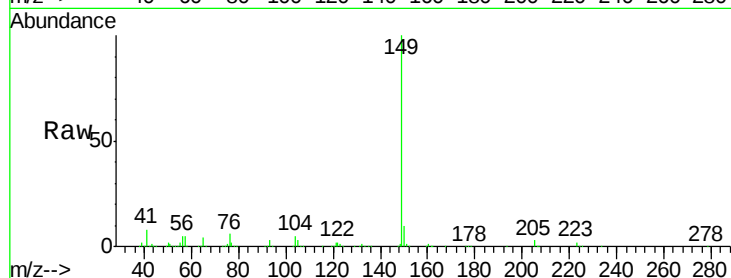
Tgt Ion:149 Resp: 841717

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

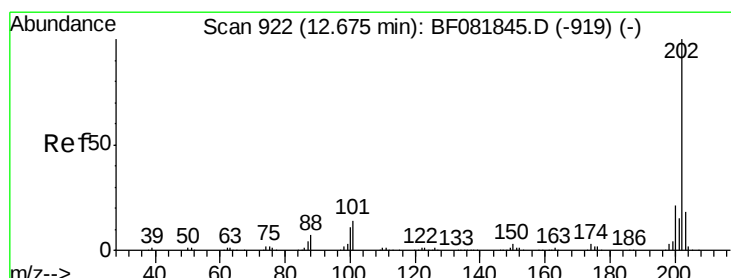
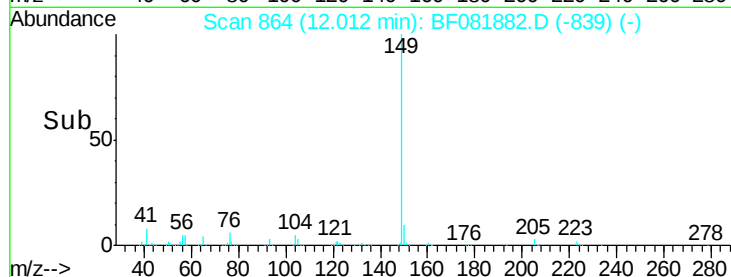
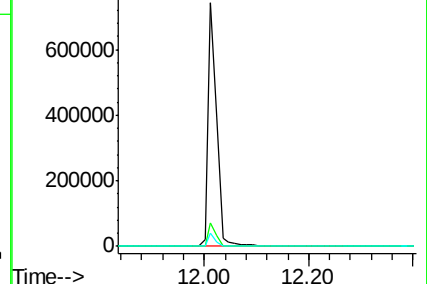
104 5.3 2.4 3.6#



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: 43.31 ng

RT: 12.68 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

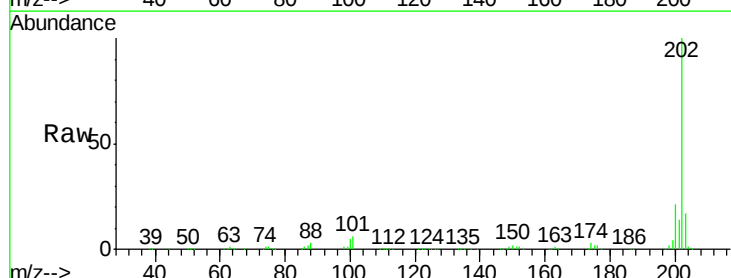
Tgt Ion:202 Resp: 839815

Ion Ratio Lower Upper

202 100

101 6.3 0.0 38.3

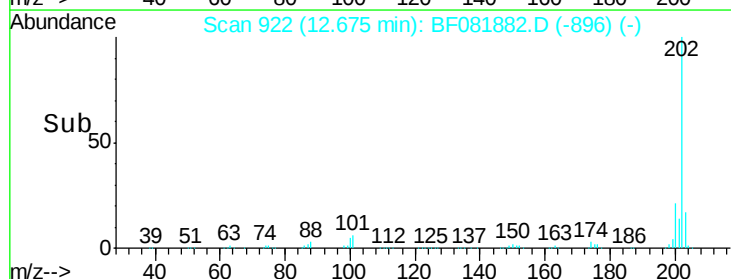
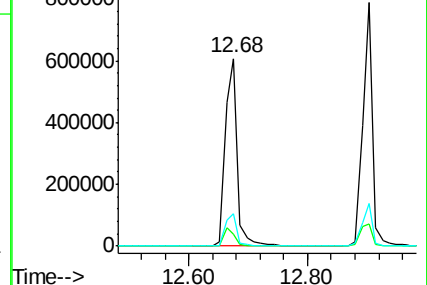
203 17.0 0.0 37.3

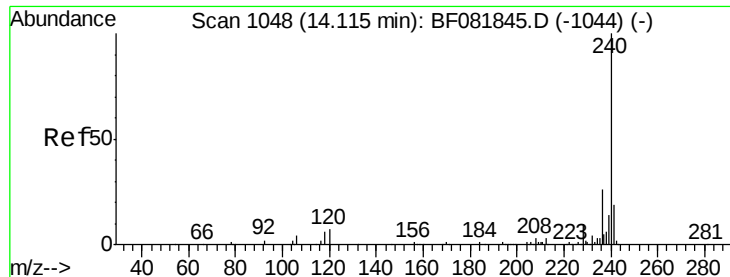


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

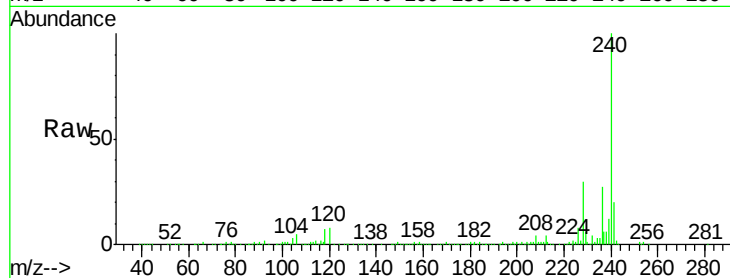
Tgt Ion:240 Resp: 359916

Ion Ratio Lower Upper

240 100

120 8.0 16.2 24.2#

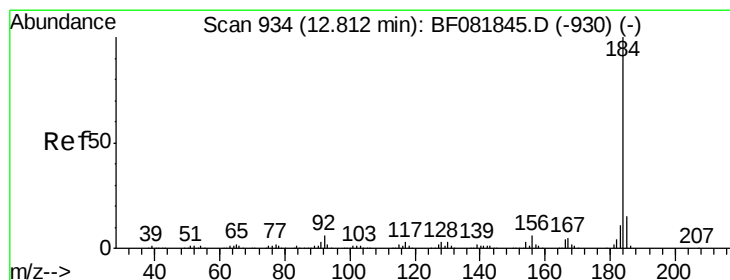
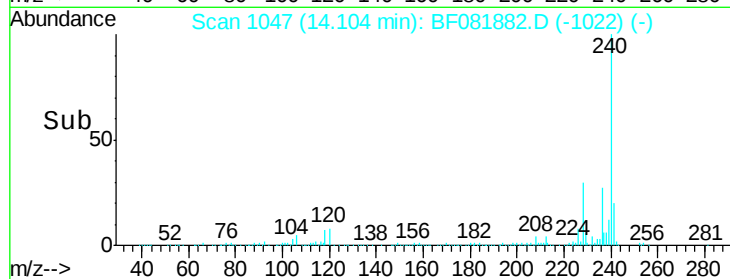
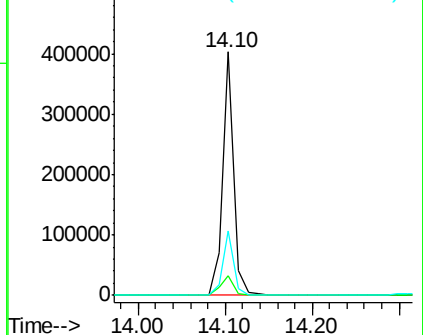
236 26.7 18.4 27.6



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: 27.61 ng

RT: 12.80 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

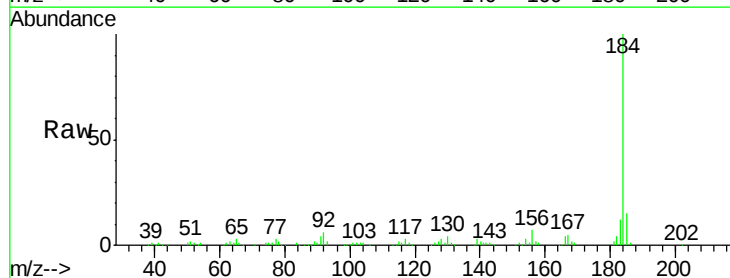
Tgt Ion:184 Resp: 299368

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.6

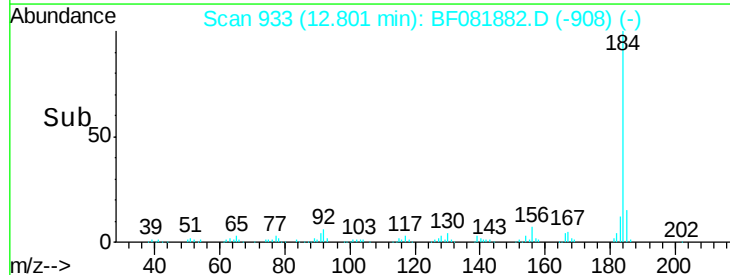
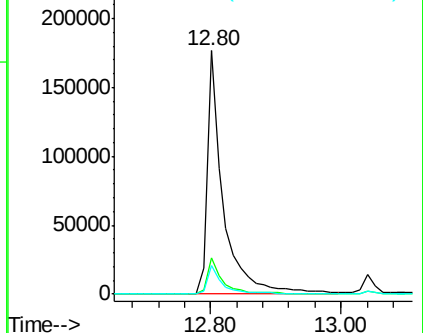
183 11.6 7.6 11.4#

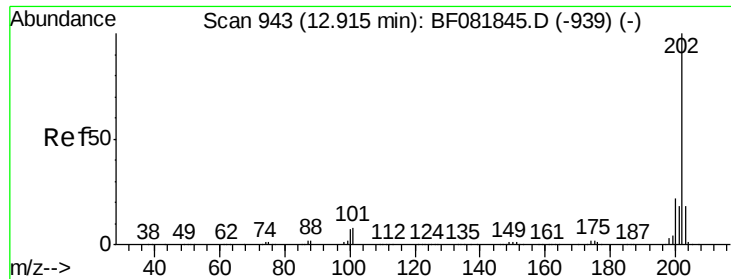


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

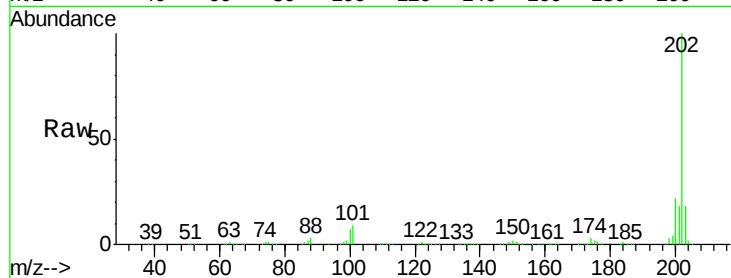




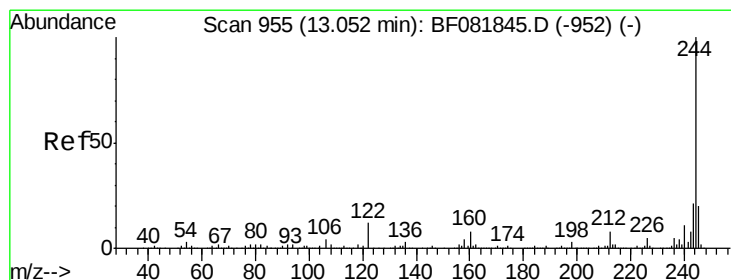
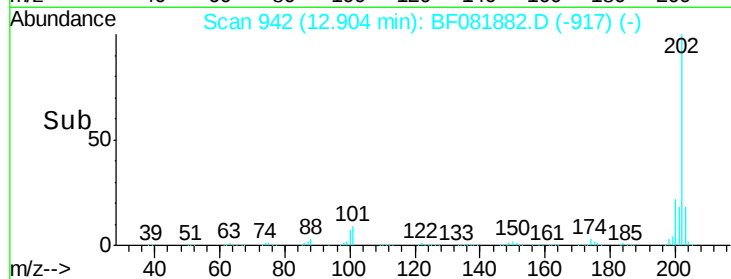
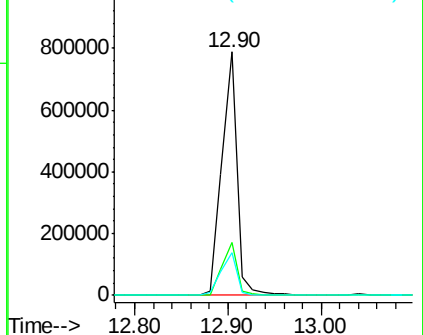
#77
 Pyrene
 Concen: 41.18 ng
 RT: 12.90 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

Tgt Ion: 202 Resp: 885345
 Ion Ratio Lower Upper
 202 100
 200 21.8 15.0 22.4
 203 17.8 14.1 21.1

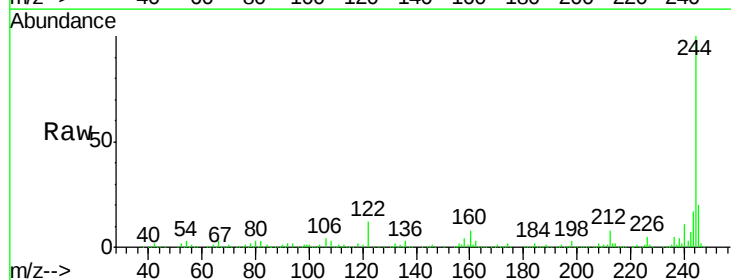


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

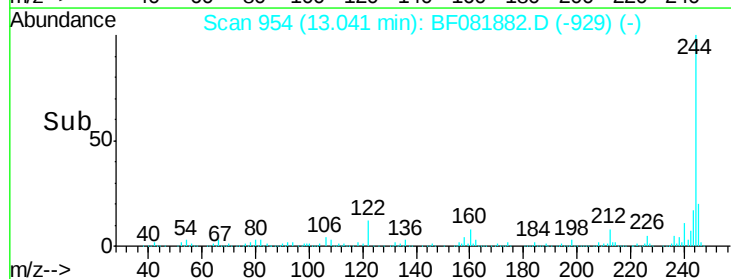
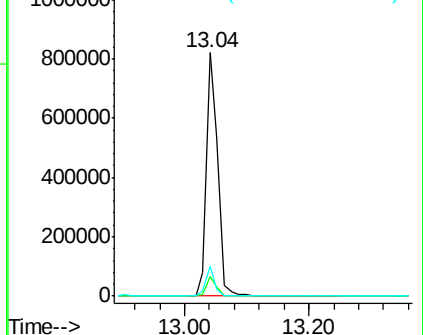


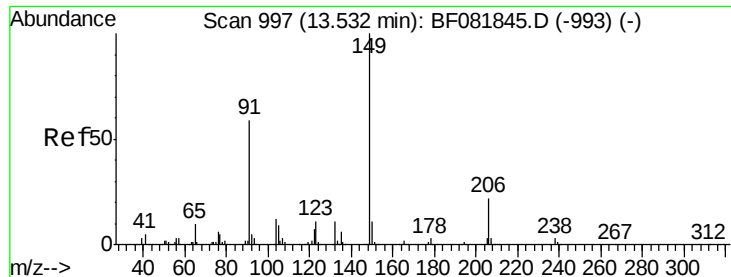
#78
 Terphenyl-d14
 Concen: 96.56 ng
 RT: 13.04 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 244 Resp: 1036046
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.3 6.5#
 122 12.5 17.4 26.2#



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

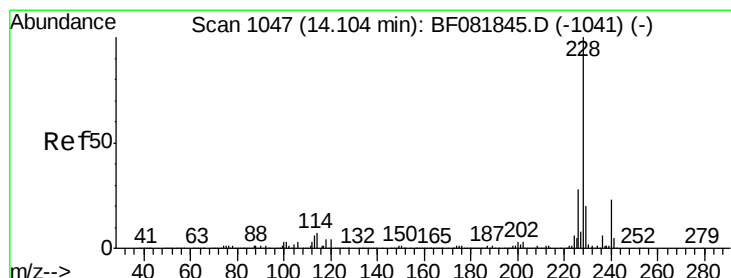
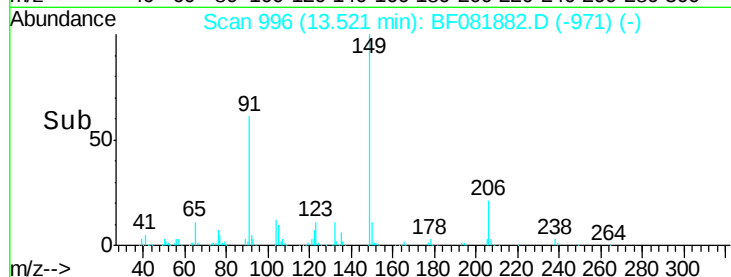
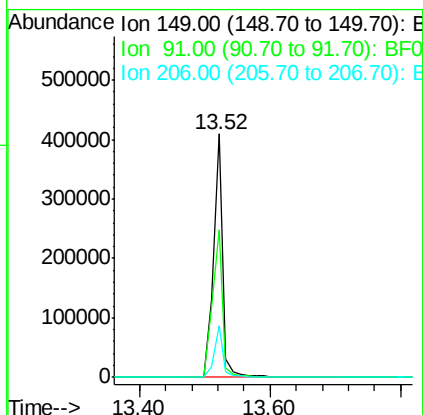
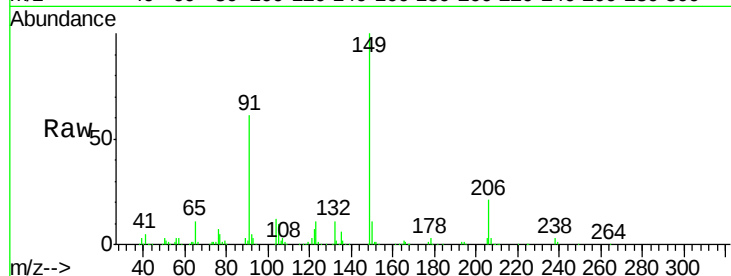




#79
Butylbenzylphthalate
Concen: 50.67 ng
RT: 13.52 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

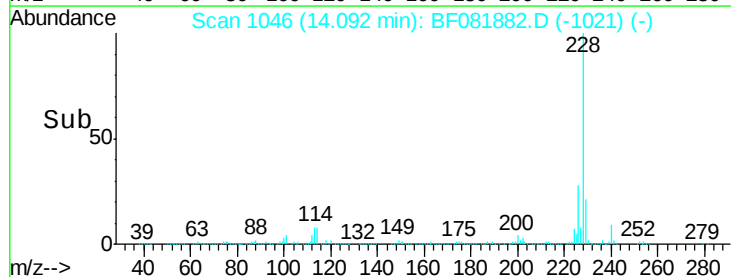
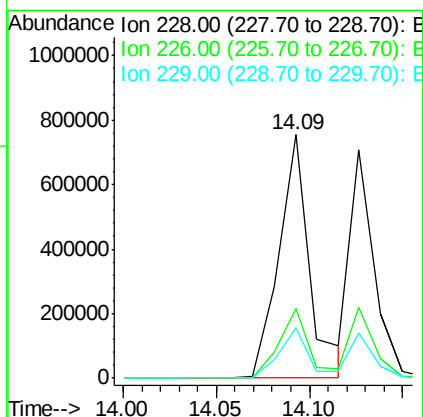
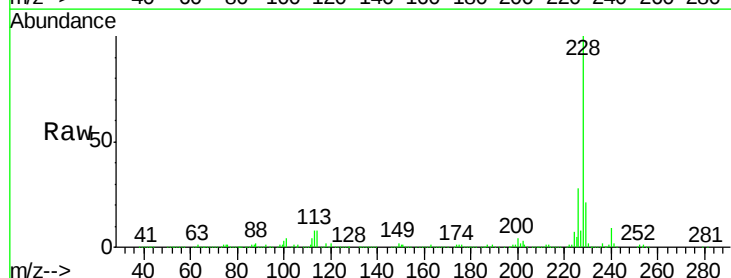
Instrument :
BNA_F
ClientSampled :
PB85676BS

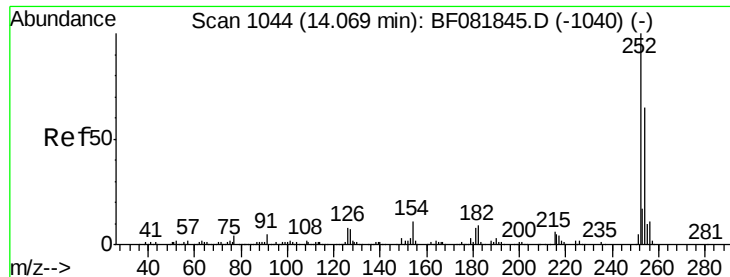
Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.9	48.6	72.8
206	20.9	14.9	22.3



#80
Benzo(a)anthracene
Concen: 44.77 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.0	30.0
229	20.5	15.4	23.2

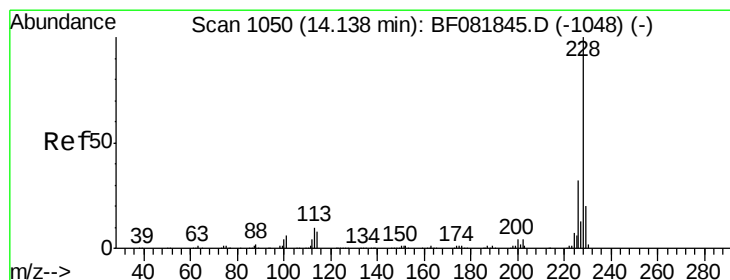
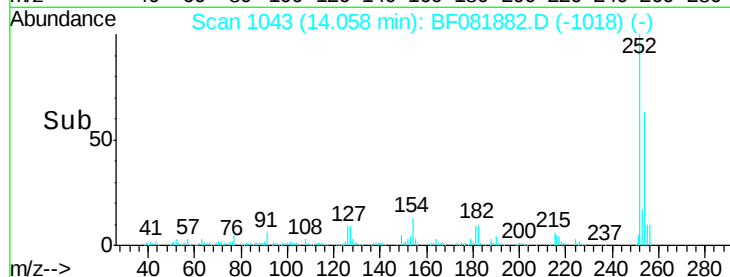
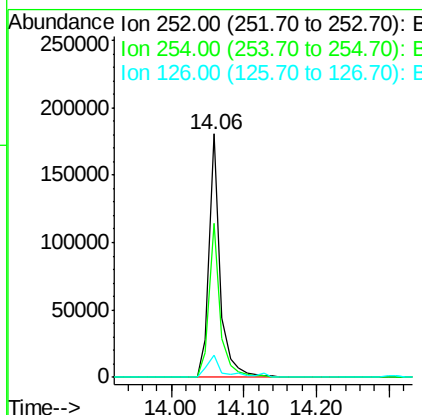
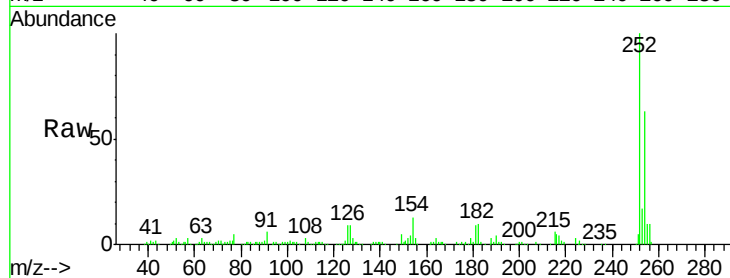




#81
 3,3'-Dichlorobenzidine
 Concen: 29.74 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

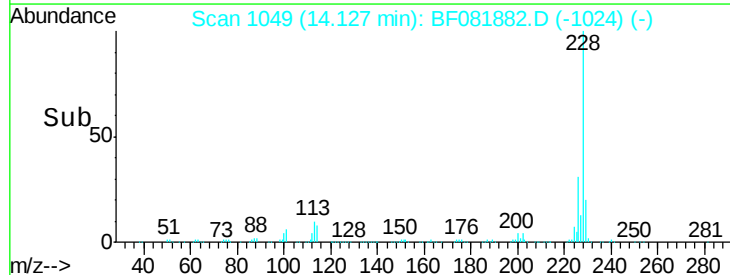
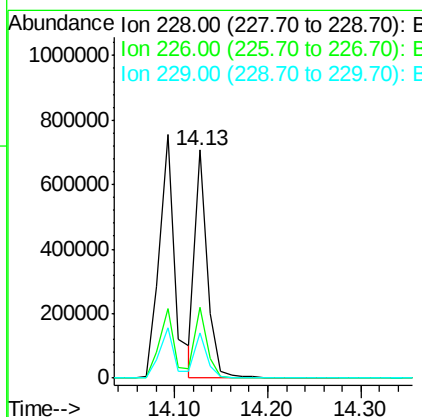
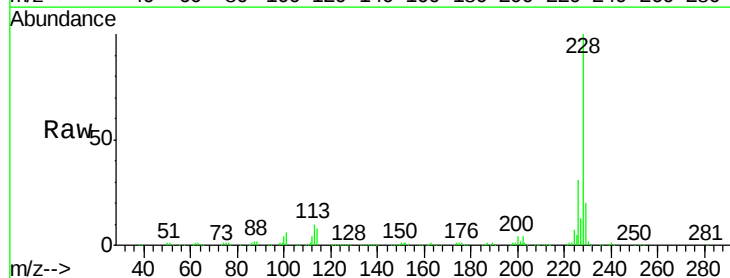
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

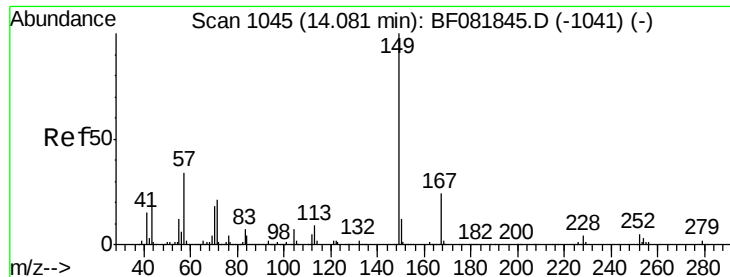
Tgt Ion: 252 Resp: 194649
 Ion Ratio Lower Upper
 252 100
 254 63.0 51.4 77.2
 126 9.1 16.4 24.6#



#82
 Chrysene
 Concen: 34.46 ng
 RT: 14.13 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 228 Resp: 651437
 Ion Ratio Lower Upper
 228 100
 226 31.3 21.0 31.4
 229 20.1 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.51 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

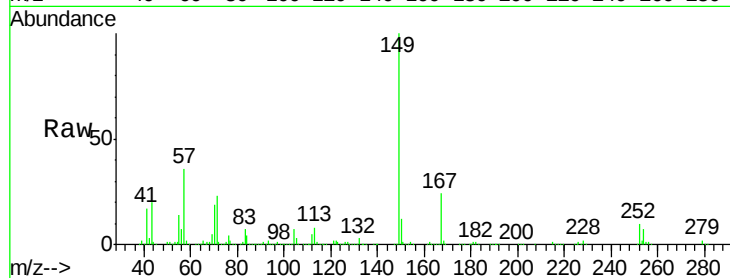
Tgt Ion:149 Resp: 563340

Ion Ratio Lower Upper

149 100

167 24.3 24.2 36.2

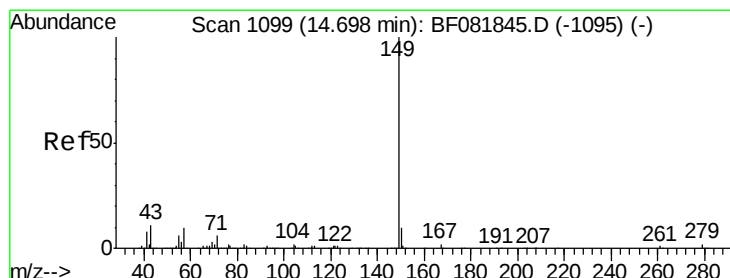
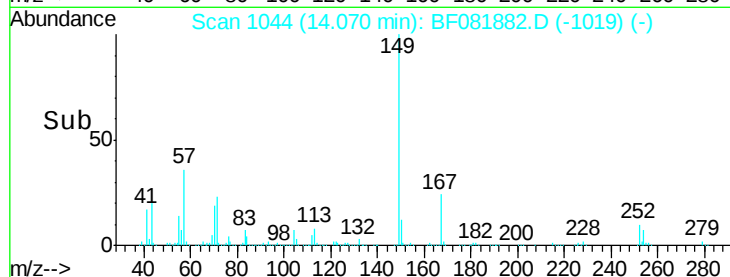
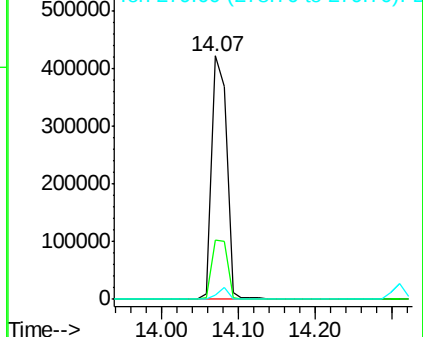
279 2.0 3.8 5.6#



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: 56.80 ng

RT: 14.69 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

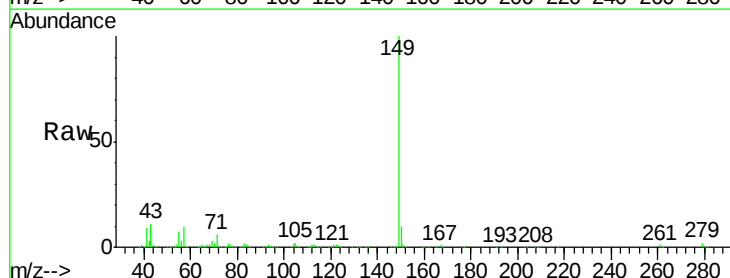
Tgt Ion:149 Resp: 938173

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

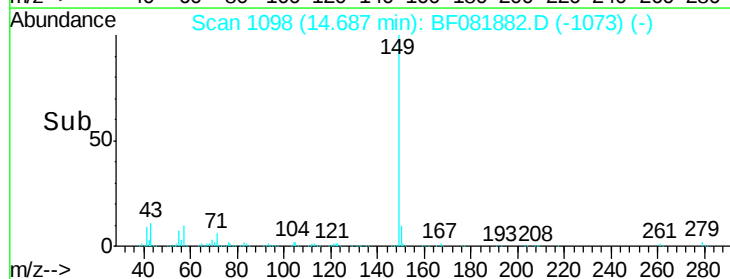
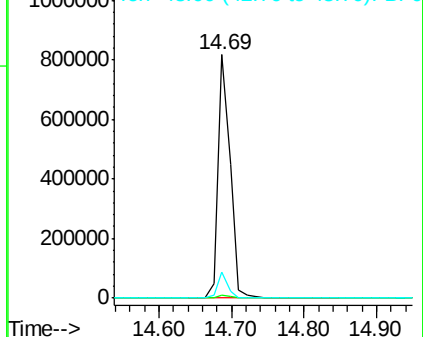
43 9.4 10.2 15.2#

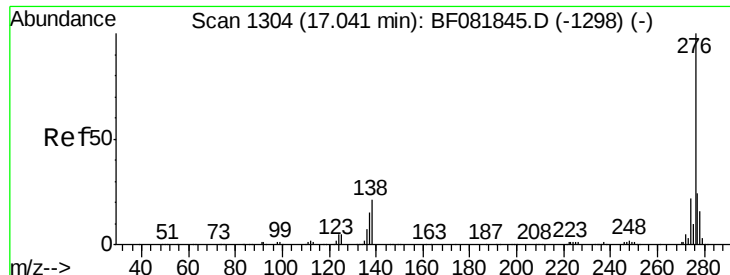


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

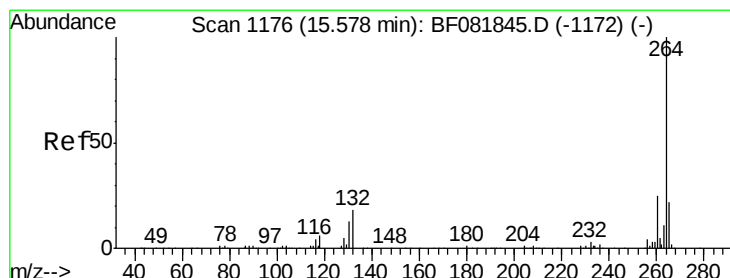
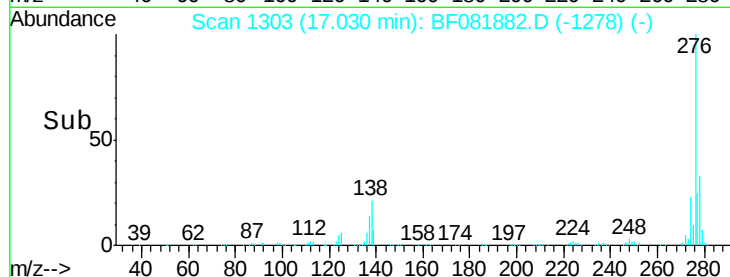
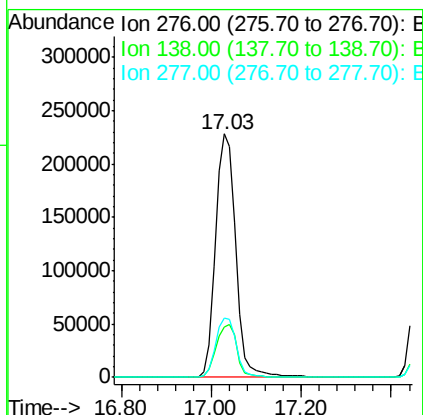
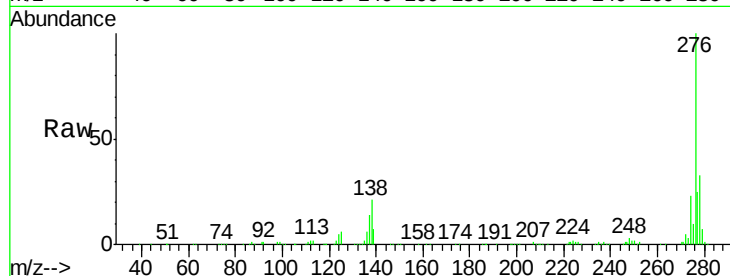




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.20 ng
 RT: 17.03 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

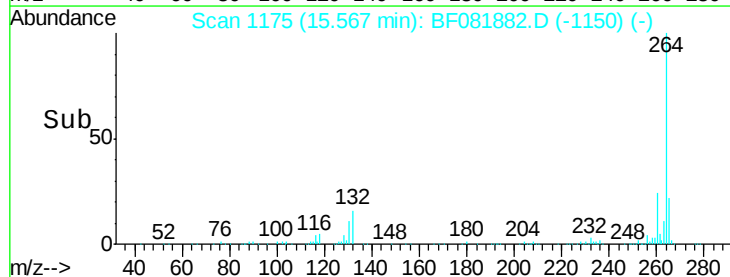
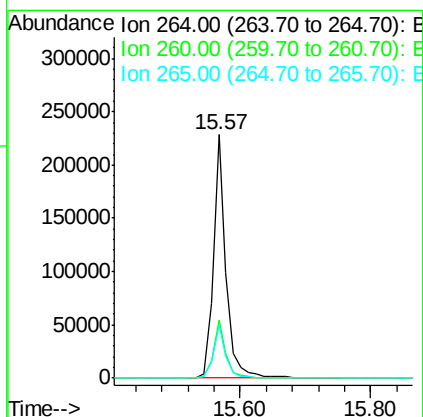
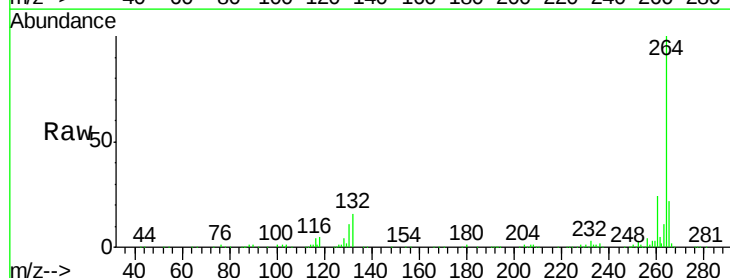
Instrument :
 BNA_F
 ClientSampleId :
 PB85676BS

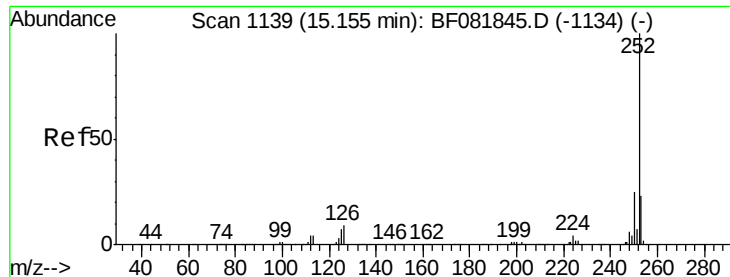
Tgt Ion: 276 Resp: 715558
 Ion Ratio Lower Upper
 276 100
 138 22.2 25.7 38.5#
 277 25.0 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF081882.D
 Acq: 29 Sep 2015 16:26

Tgt Ion: 264 Resp: 309695
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.7 25.1
 265 21.6 17.2 25.8

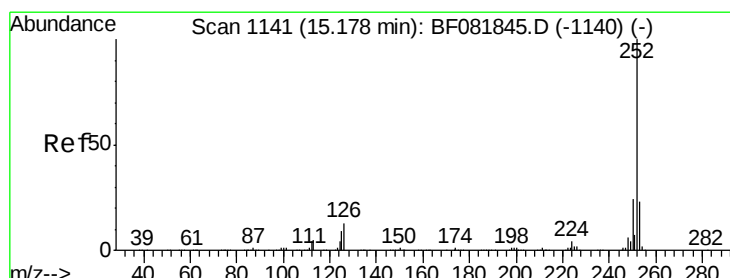
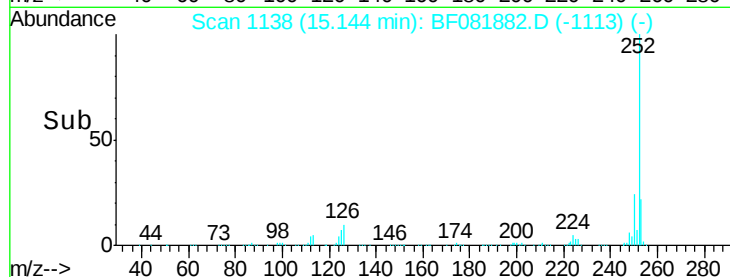
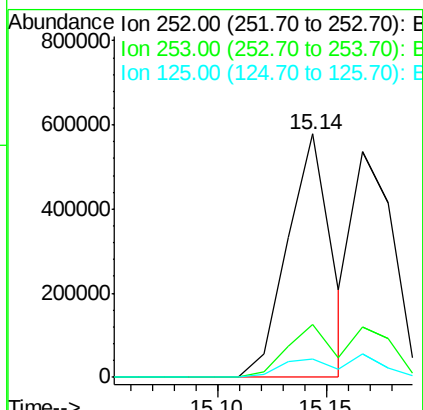
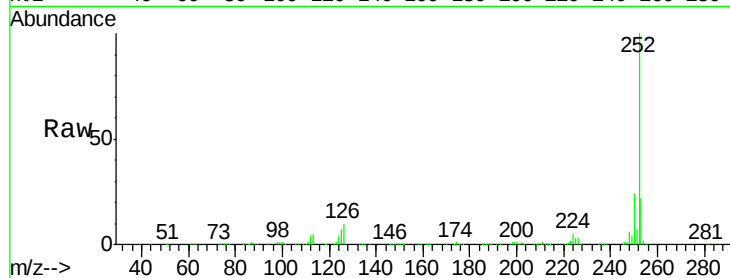




#87
Benzo(b)fluoranthene
Concen: 45.56 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

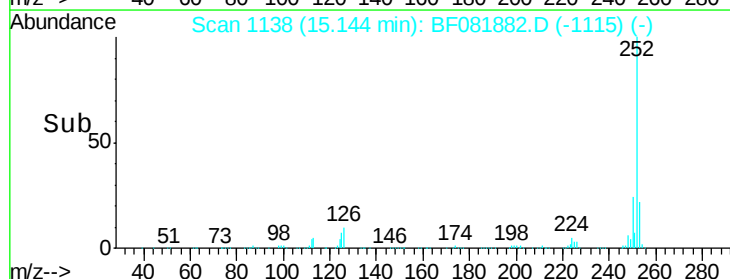
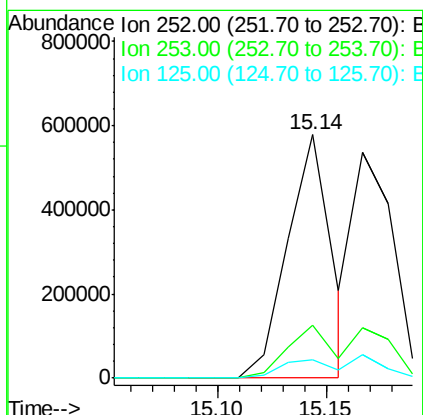
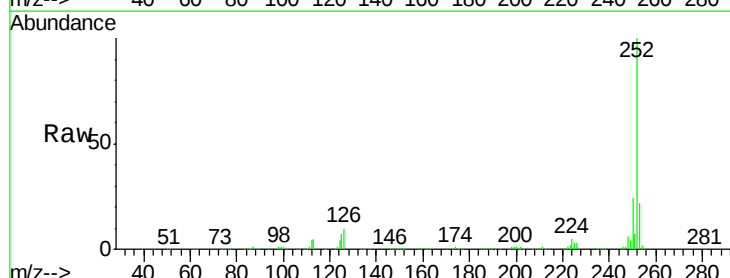
Instrument :
BNA_F
ClientSampleId :
PB85676BS

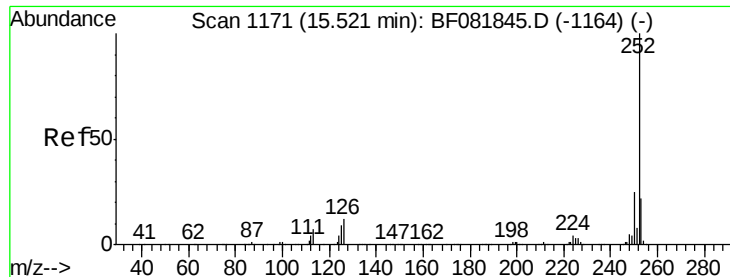
Tgt Ion:252 Resp: 805657
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 7.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 49.71 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF081882.D
Acq: 29 Sep 2015 16:26

Tgt Ion:252 Resp: 805657
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 7.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 45.34 ng

RT: 15.51 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS

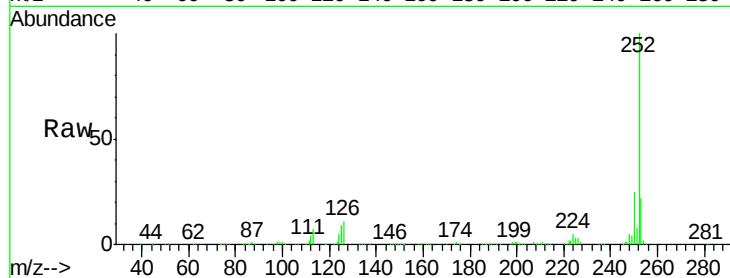
Tgt Ion:252 Resp: 695386

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

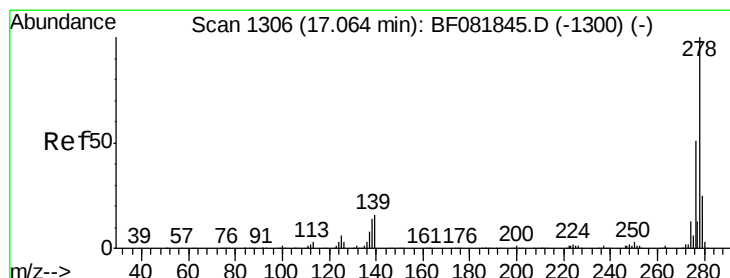
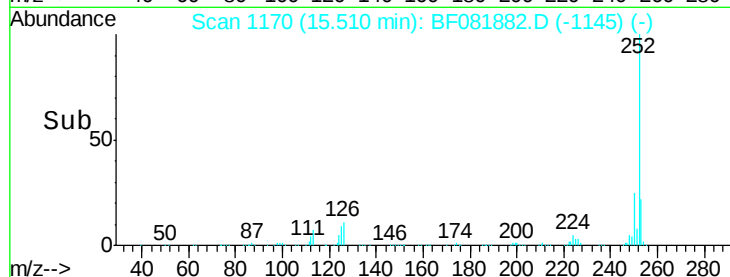
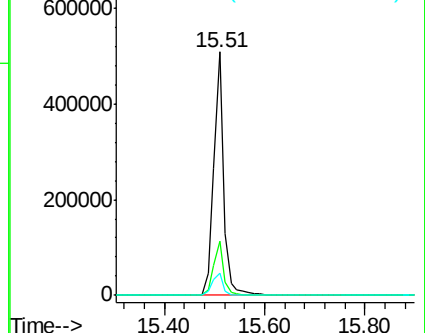
125 9.2 18.0 27.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 46.34 ng

RT: 17.05 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF081882.D

Acq: 29 Sep 2015 16:26

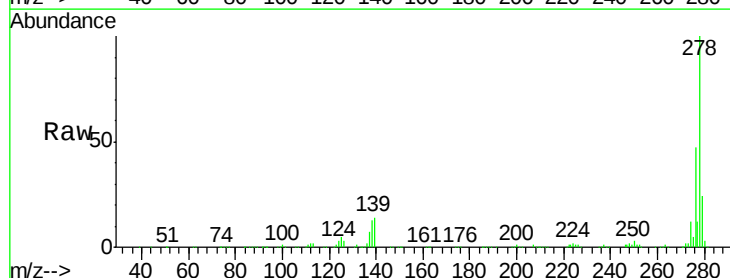
Tgt Ion:278 Resp: 596320

Ion Ratio Lower Upper

278 100

139 13.7 26.3 39.5#

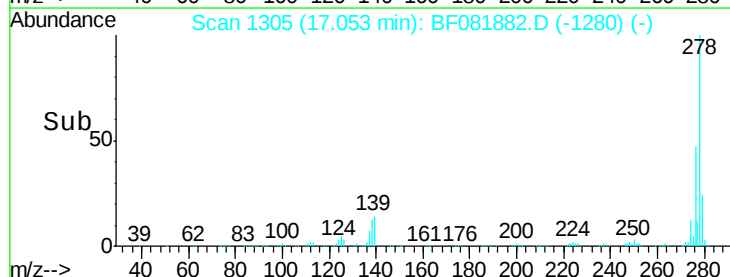
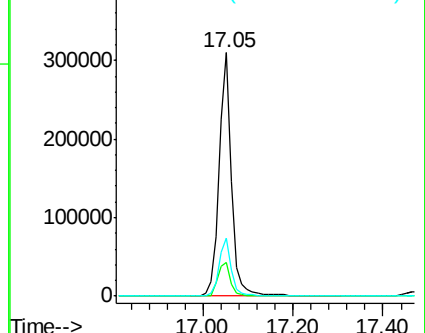
279 24.0 18.2 27.4

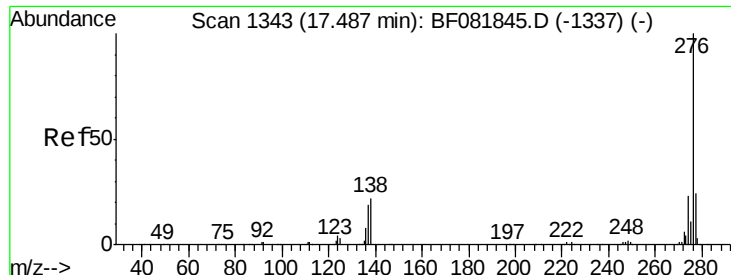


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.63 ng

RT: 17.48 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF081882.D

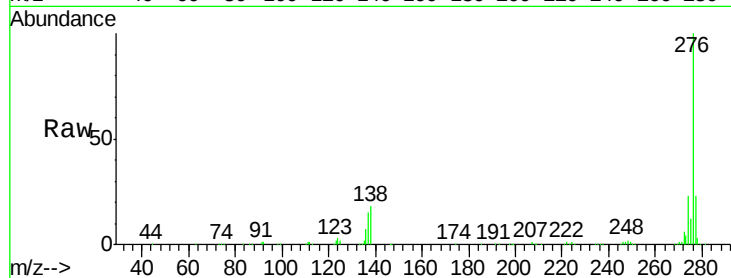
Acq: 29 Sep 2015 16:26

Instrument :

BNA_F

ClientSampleId :

PB85676BS



Tgt Ion: 276 Resp: 588595

Ion Ratio Lower Upper

276 100

277 23.2 17.8 26.6

138 17.6 34.6 51.8#

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

