

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082044.D
 Acq On : 5 Oct 2015 14:21
 Operator : UM/IZ
 Sample : PB85905BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Quant Time: Oct 05 18:25:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 18:00:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	102461	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	412939	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	203195	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	390254	20.00	ng	0.00
75) Chrysene-d12	14.06	240	347381	20.00	ng	0.00
86) Perylene-d12	15.51	264	305551	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	475691	84.28	ng	0.01
7) Phenol-d6	6.51	99	622434	87.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	563974	91.04	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	180313	87.62	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1115880	93.76	ng	0.00
78) Terphenyl-d14	13.01	244	1216588	133.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	92406	37.65	ng	88
3) Pyridine	3.35	79	237263	37.13	ng	85
4) n-Nitrosodimethylamine	3.31	42	102121	35.18	ng	95
6) Aniline	6.55	93	230368	24.14	ng	# 88
8) 2-Chlorophenol	6.66	128	270452	43.39	ng	85
9) Benzaldehyde	6.43	77	55865	12.01	ng	# 86
10) Phenol	6.53	94	314258	39.45	ng	# 66
11) bis(2-Chloroethyl)ether	6.63	93	282412	45.71	ng	86
12) 1,3-Dichlorobenzene	6.82	146	320522	43.53	ng	# 95
13) 1,4-Dichlorobenzene	6.90	146	329806	42.90	ng	# 95
14) 1,2-Dichlorobenzene	6.90	146	329806	48.14	ng	97
15) Benzyl Alcohol	7.03	79	210119	40.98	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.17	45	379197	43.41	ng	81
17) 2-Methylphenol	7.14	107	228881	45.29	ng	# 85
18) Hexachloroethane	7.39	117	107847	44.81	ng	# 83
19) n-Nitroso-di-n-propylamine	7.30	70	187880	43.52	ng	# 76
20) 3+4-Methylphenols	7.29	107	266088	41.69	ng	# 64
22) Acetophenone	7.30	105	375648	44.49	ng	# 83
24) Nitrobenzene	7.47	77	291940	43.40	ng	# 73
25) Isophorone	7.71	82	526166	42.85	ng	# 93
26) 2-Nitrophenol	7.79	139	151178	46.82	ng	# 89
27) 2,4-Dimethylphenol	7.83	122	259184	45.63	ng	# 83
28) bis(2-Chloroethoxy)methane	7.92	93	308706	42.34	ng	# 92
29) 2,4-Dichlorophenol	8.02	162	247938	45.02	ng	92
30) 1,2,4-Trichlorobenzene	8.11	180	275773	44.85	ng	99
31) Naphthalene	8.19	128	825855	45.13	ng	97
32) Benzoic acid	7.95	122	157342	46.57	ng	# 68
33) 4-Chloroaniline	8.25	127	119365	15.09	ng	# 95
34) Hexachlorobutadiene	8.31	225	168906	46.45	ng	99
35) Caprolactam	8.66	113	12606	8.27	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	262054	48.66	ng	88
37) 2-Methylnaphthalene	8.88	142	531044	42.52	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	280168	44.91	ng	99
40) Hexachlorocyclopentadiene	9.04	237	323365	100.66	ng	98

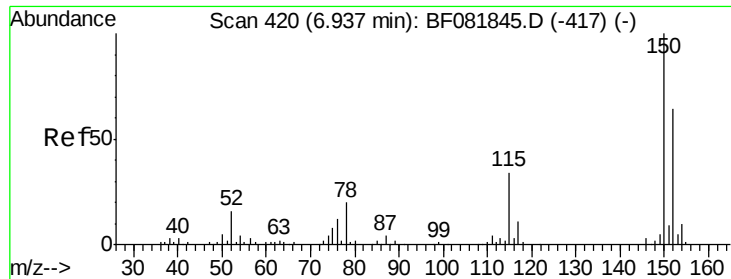
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	194137	45.40	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	191508	43.55	ng #	93
45) 1,1'-Biphenyl	9.35	154	664676	42.40	ng	95
46) 2-Chloronaphthalene	9.37	162	520462	42.28	ng	94
47) 2-Nitroaniline	9.47	65	155066	42.91	ng #	77
48) Acenaphthylene	9.79	152	878099	44.57	ng	97
49) Dimethylphthalate	9.66	163	650892	46.41	ng #	98
50) 2,6-Dinitrotoluene	9.71	165	129651	42.58	ng #	54
51) Acenaphthene	9.97	154	612321	52.34	ng	89
52) 3-Nitroaniline	9.89	138	82272	23.35	ng #	63
53) 2,4-Dinitrophenol	10.00	184	157933	94.46	ng #	82
54) Dibenzofuran	10.14	168	765442	46.30	ng #	91
55) 4-Nitrophenol	10.06	139	231199	90.83	ng #	71
56) 2,4-Dinitrotoluene	10.13	165	195903	50.47	ng #	98
57) Fluorene	10.48	166	602313	51.23	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	170165	48.78	ng	95
59) Diethylphthalate	10.35	149	615010	46.94	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	260969	43.11	ng #	86
61) 4-Nitroaniline	10.51	138	143645	40.67	ng #	65
62) Azobenzene	10.63	77	587767	45.97	ng	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	92257	51.27	ng	96
65) n-Nitrosodiphenylamine	10.59	169	529531	44.85	ng	92
66) 4-Bromophenyl-phenylether	10.96	248	177184	45.03	ng	96
67) Hexachlorobenzene	11.02	284	178325	40.16	ng #	78
68) Atrazine	11.12	200	162797	44.44	ng	84
69) Pentachlorophenol	11.22	266	231288	91.41	ng	99
70) Phenanthrene	11.44	178	825639	43.92	ng	95
71) Anthracene	11.50	178	959573	48.38	ng	98
72) Carbazole	11.65	167	801719	44.66	ng	95
73) Di-n-butylphthalate	11.98	149	929966	51.04	ng #	98
74) Fluoranthene	12.63	202	921945	44.10	ng	90
76) Benzidine	12.76	184	308266	29.45	ng	98
77) Pyrene	12.63	202	906042	43.66	ng	96
79) Butylbenzylphthalate	13.48	149	378961	48.53	ng #	86
80) Benzo(a)anthracene	14.05	228	832135	44.48	ng	95
81) 3,3'-Dichlorobenzidine	14.01	252	181075	28.66	ng #	93
82) Chrysene	14.08	228	810739	60.43	ng	93
83) Bis(2-ethylhexyl)phthalate	14.04	149	539694	55.10	ng #	94
84) Di-n-octyl phthalate	14.65	149	912176	57.22	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.94	276	686624	46.92	ng #	87
87) Benzo(b)fluoranthene	15.12	252	1572076	90.12	ng #	85
88) Benzo(k)fluoranthene	15.12	252	1575711	98.55	ng #	86
89) Benzo(a)pyrene	15.45	252	739618	48.88	ng #	83
90) Dibenzo(a,h)anthracene	16.96	278	578269	45.55	ng #	79
91) Benzo(g,h,i)perylene	17.37	276	548853	42.18	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082044.D

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PB85905BSD

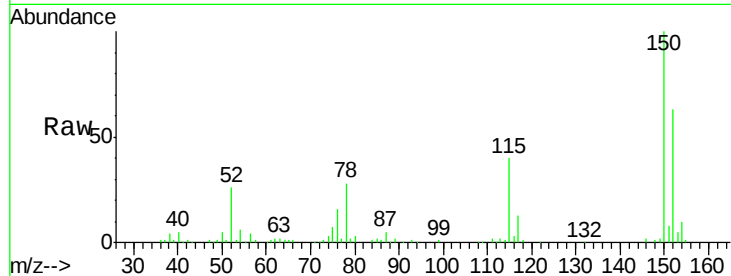
Tgt Ion:152 Resp: 102461

Ion Ratio Lower Upper

152 100

150 159.1 124.7 187.1

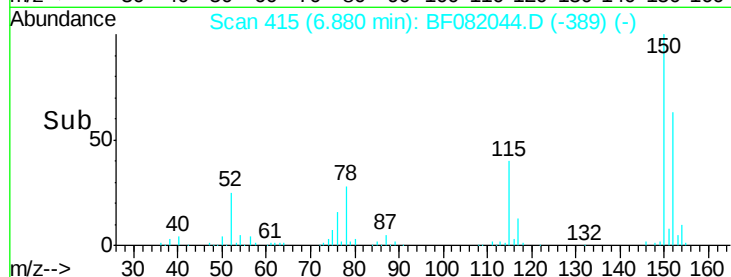
115 63.7 39.0 58.4#



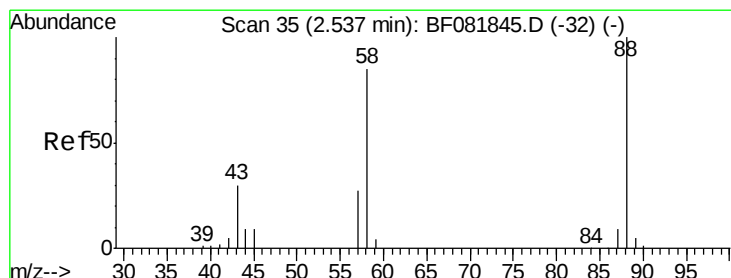
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 37.65 ng

RT: 2.63 min Scan# 43

Delta R.T. 0.13 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

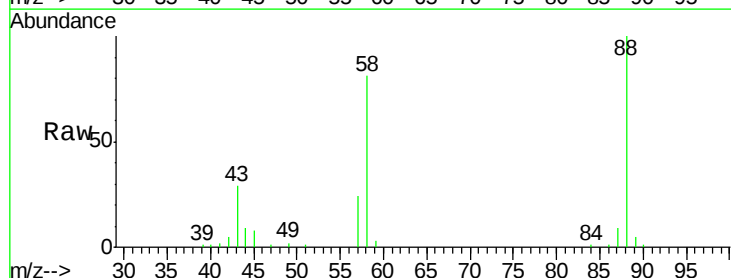
Tgt Ion: 88 Resp: 92406

Ion Ratio Lower Upper

88 100

58 84.0 77.7 116.5

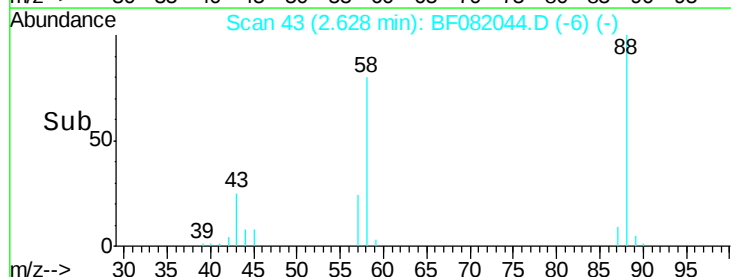
43 28.4 26.6 40.0



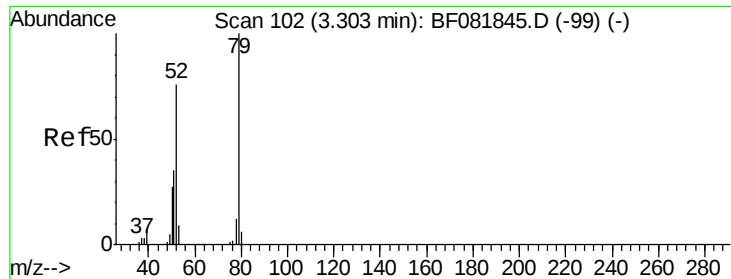
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#3

Pyridine

Concen: 37.13 ng

RT: 3.35 min Scan# 106

Delta R.T. 0.11 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

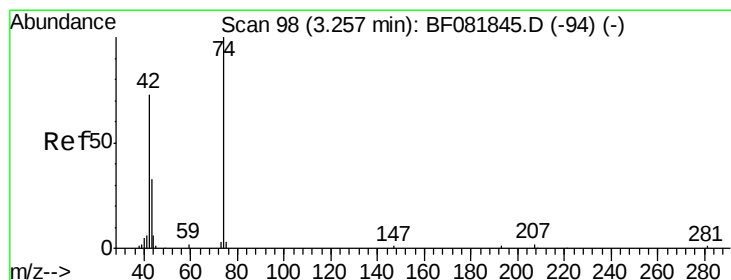
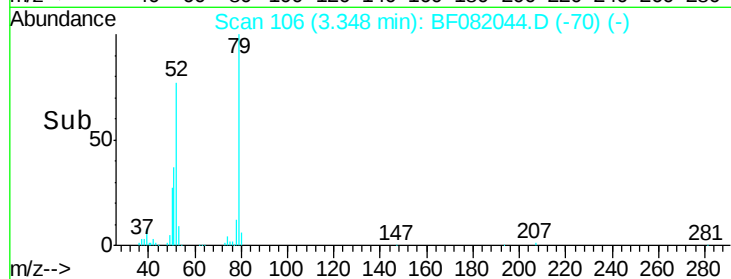
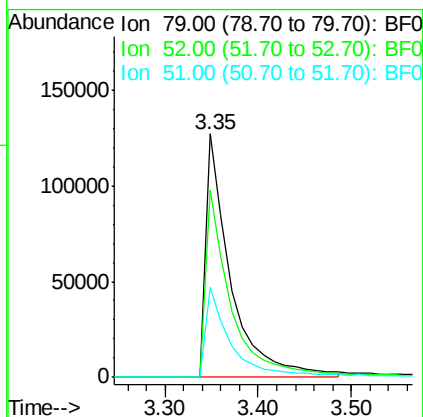
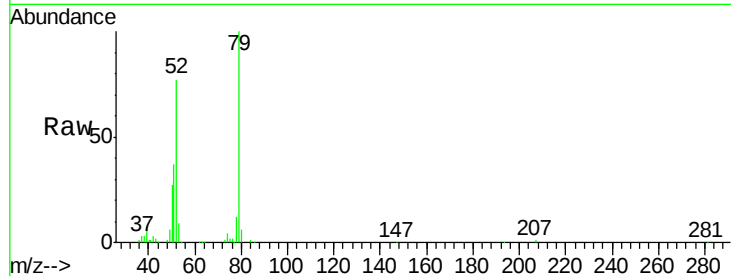
Tgt Ion: 79 Resp: 237263

Ion Ratio Lower Upper

79 100

52 76.9 76.8 115.2

51 36.9 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.18 ng

RT: 3.31 min Scan# 103

Delta R.T. 0.11 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

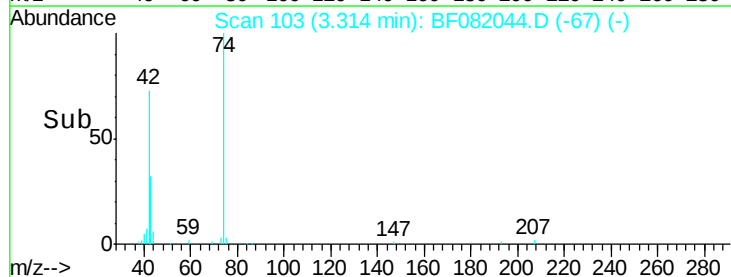
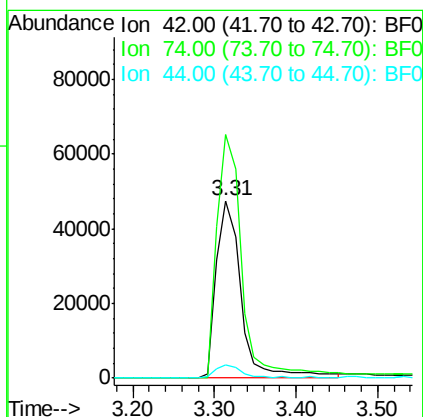
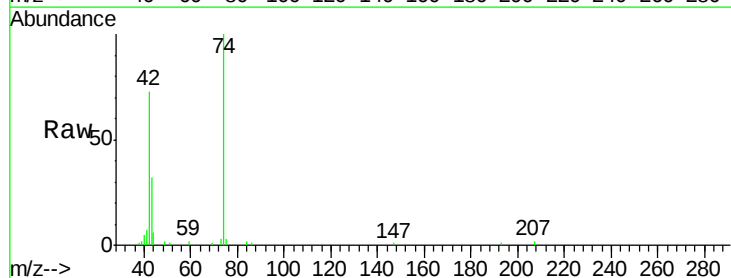
Tgt Ion: 42 Resp: 102121

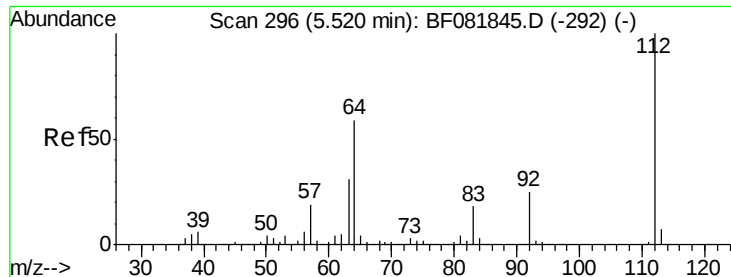
Ion Ratio Lower Upper

42 100

74 137.1 105.0 157.6

44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 84.28 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

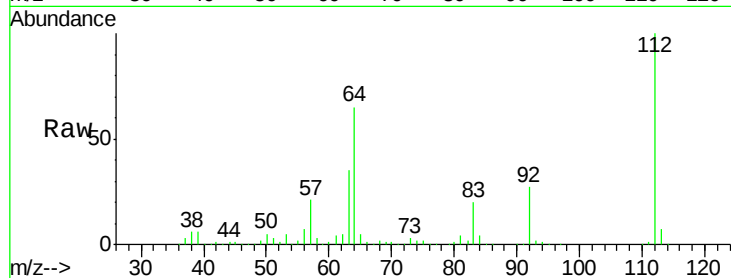
Tgt Ion: 112 Resp: 475691

Ion Ratio Lower Upper

112 100

64 65.3 39.7 59.5#

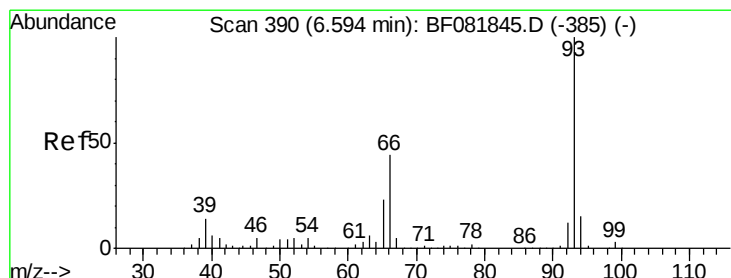
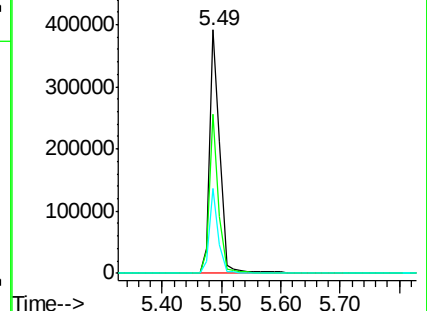
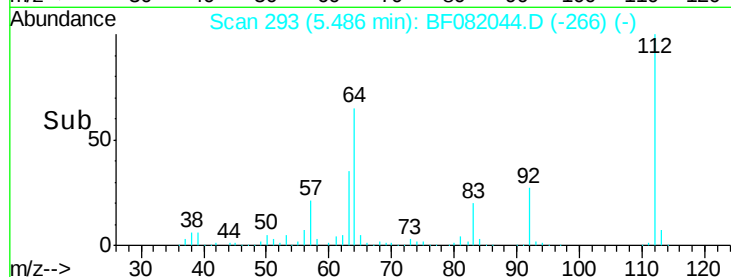
63 34.7 17.4 26.0#



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: 24.14 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

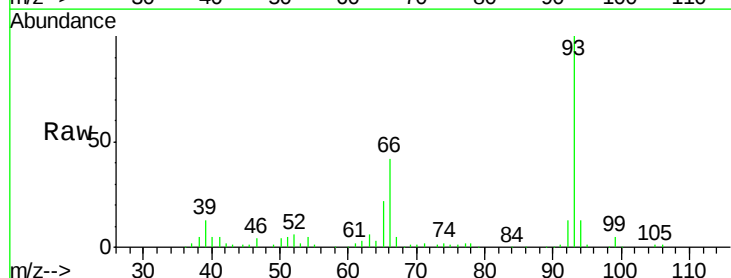
Tgt Ion: 93 Resp: 230368

Ion Ratio Lower Upper

93 100

66 42.2 27.2 40.8#

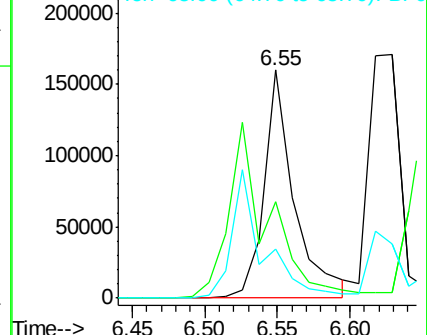
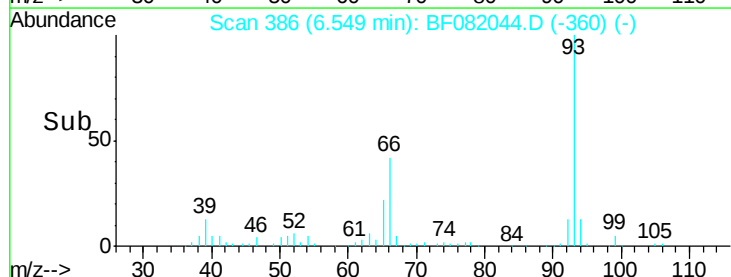
65 21.6 14.7 22.1

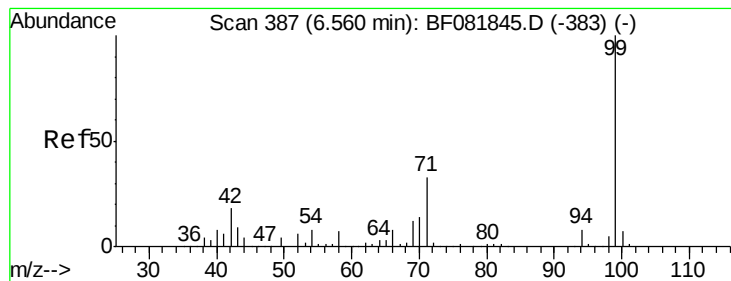


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.64 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

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PB85905BSD

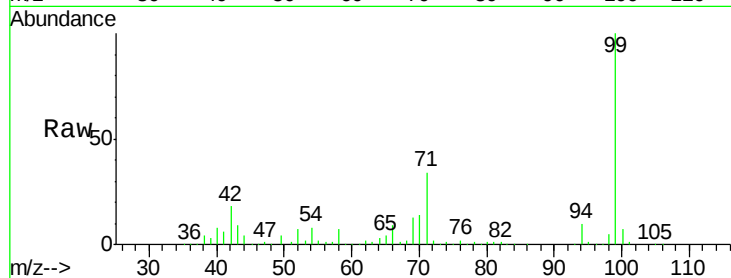
Tgt Ion: 99 Resp: 622434

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

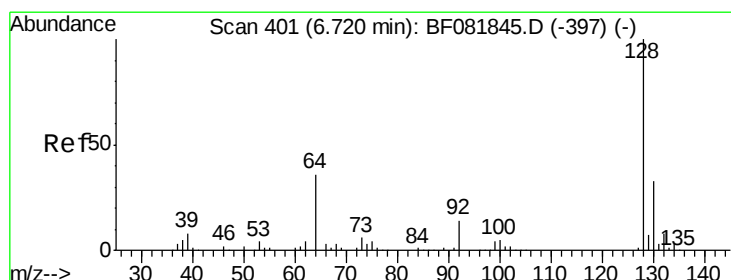
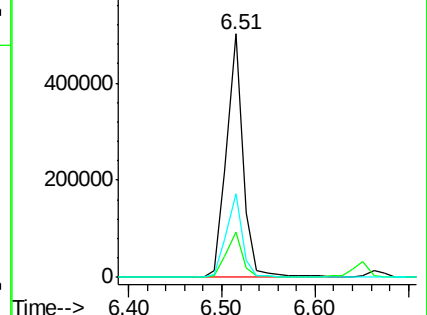
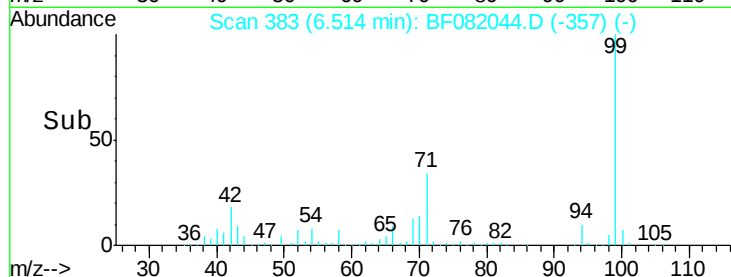
71 34.1 14.2 21.2#



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: 43.39 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

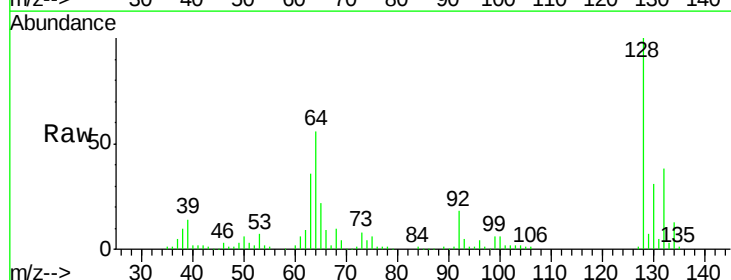
Tgt Ion: 128 Resp: 270452

Ion Ratio Lower Upper

128 100

130 30.9 12.2 52.2

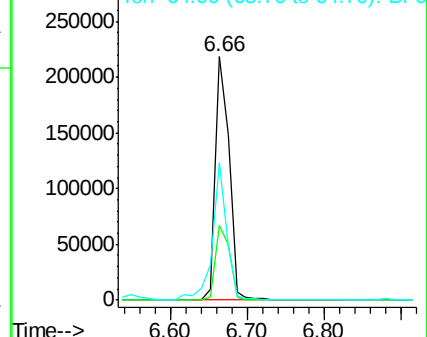
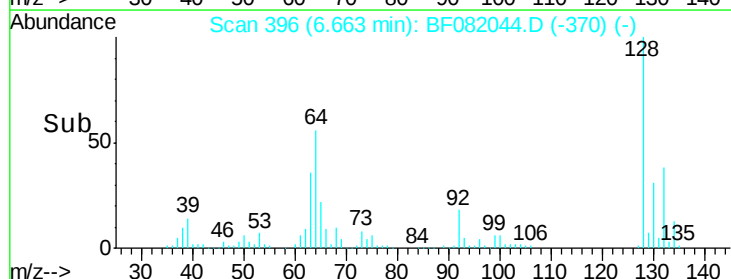
64 56.3 20.5 60.5

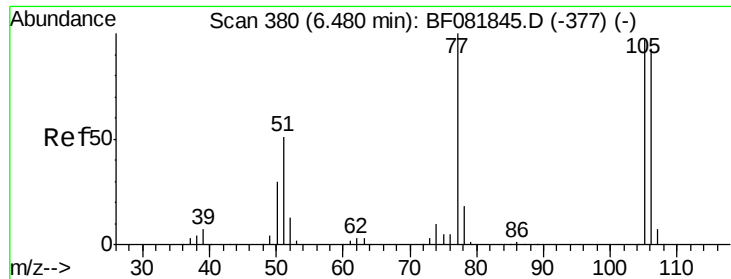


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.01 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

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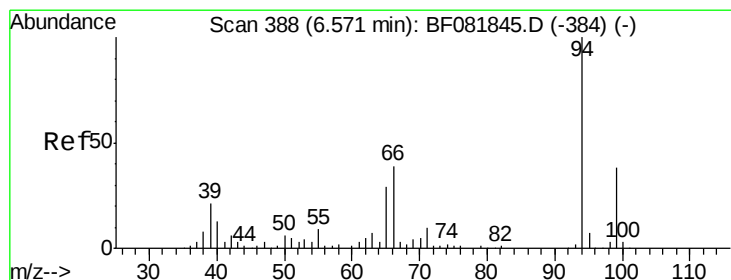
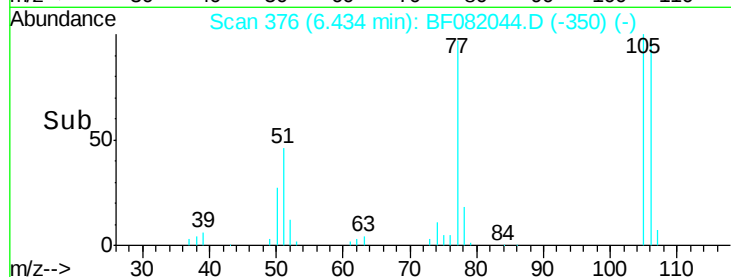
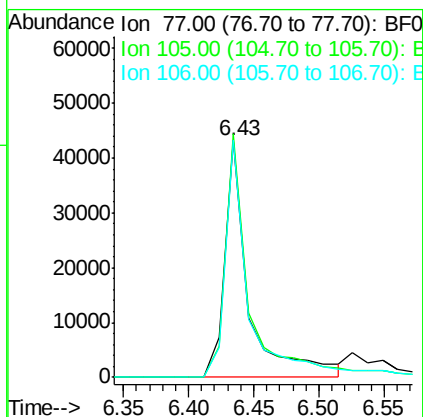
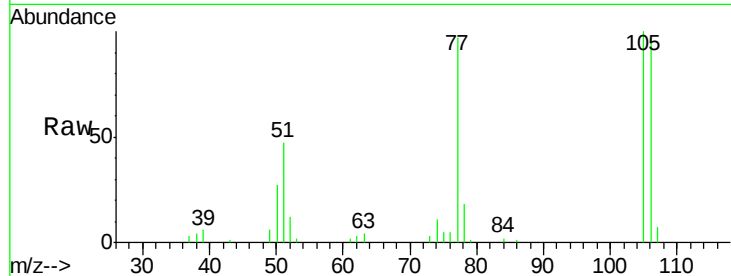
Tgt Ion: 77 Resp: 55865

Ion Ratio Lower Upper

77 100

105 102.8 91.6 131.6

106 99.9 102.6 142.6#



#10

Phenol

Concen: 39.45 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

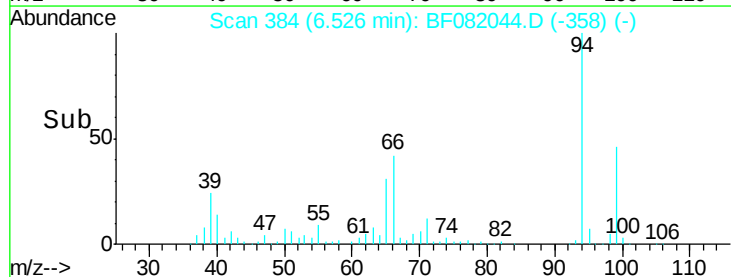
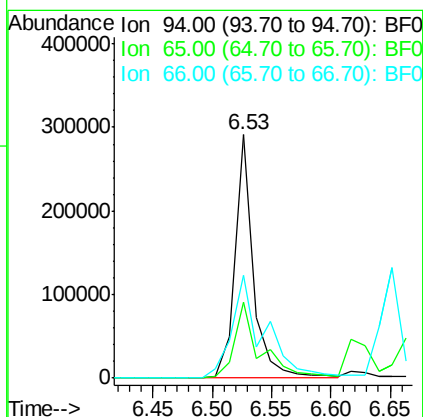
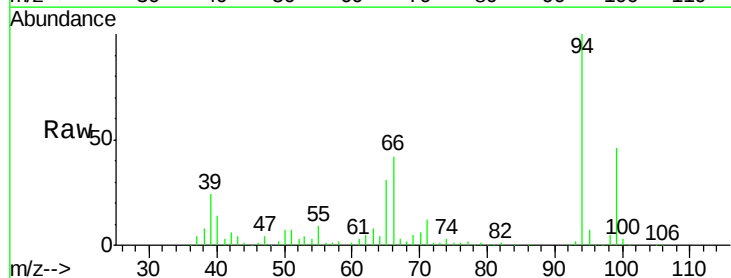
Tgt Ion: 94 Resp: 314258

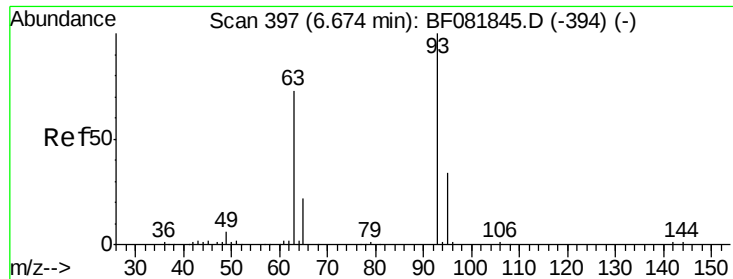
Ion Ratio Lower Upper

94 100

65 31.0 0.7 40.7

66 42.2 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 45.71 ng

RT: 6.63 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

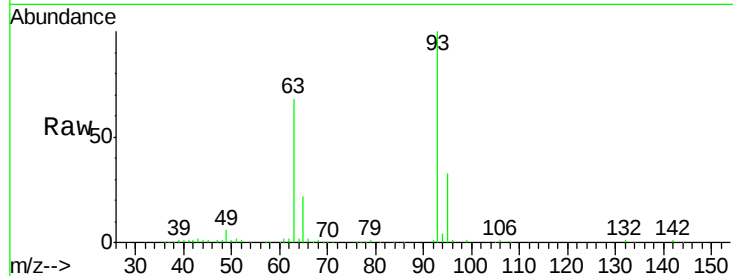
Tgt Ion: 93 Resp: 282412

Ion Ratio Lower Upper

93 100

63 68.5 65.6 105.6

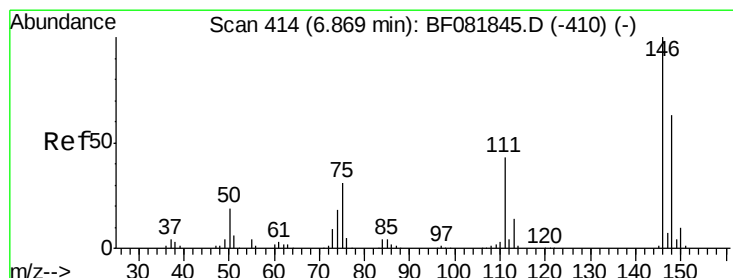
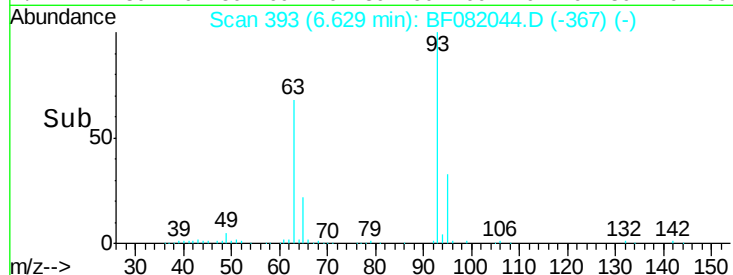
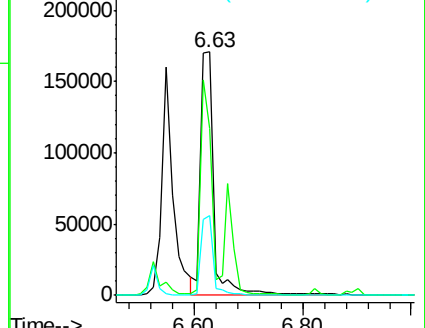
95 32.7 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.53 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

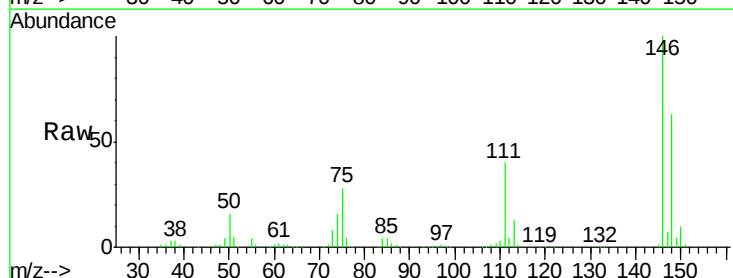
Tgt Ion: 146 Resp: 320522

Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.4

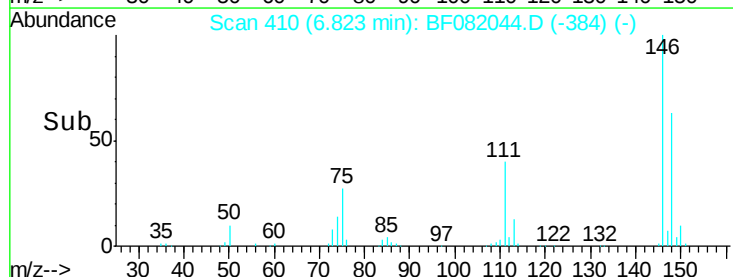
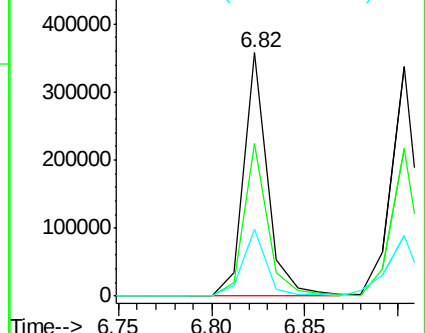
75 27.6 15.0 22.6#

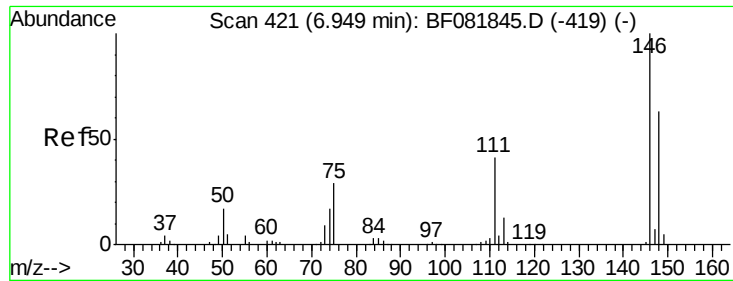


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

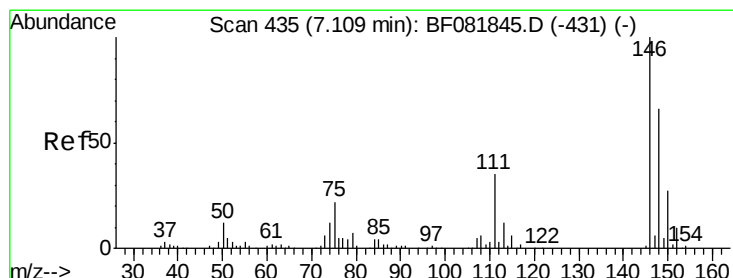
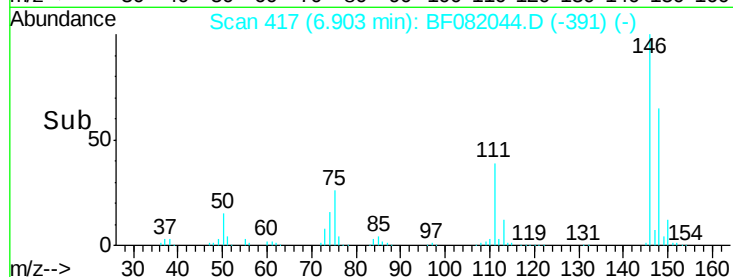
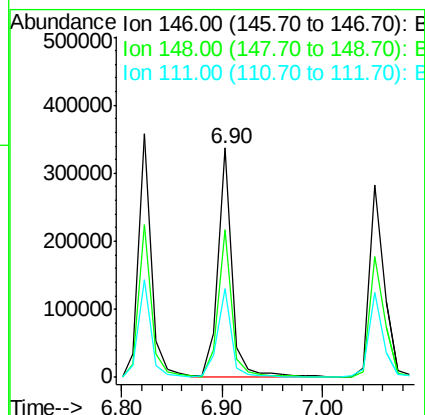
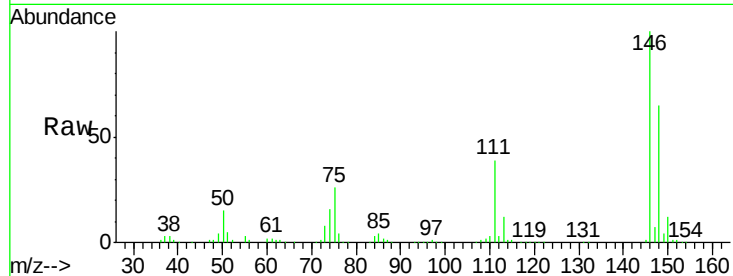




#13
 1,4-Dichlorobenzene
 Concen: 42.90 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

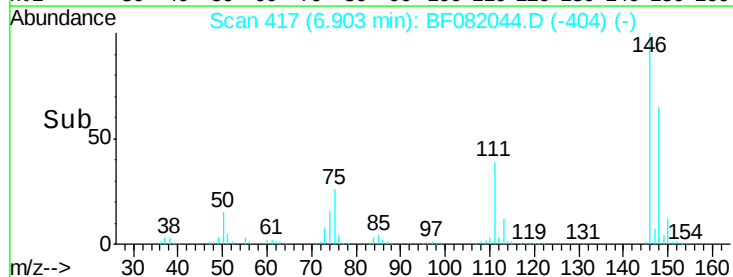
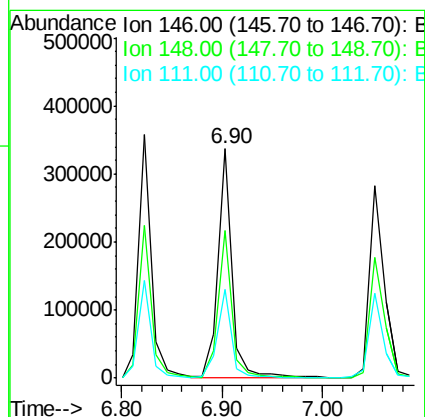
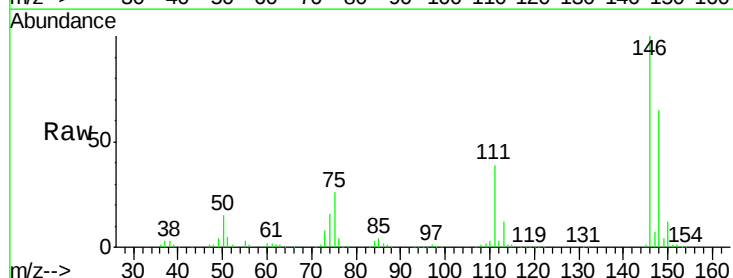
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

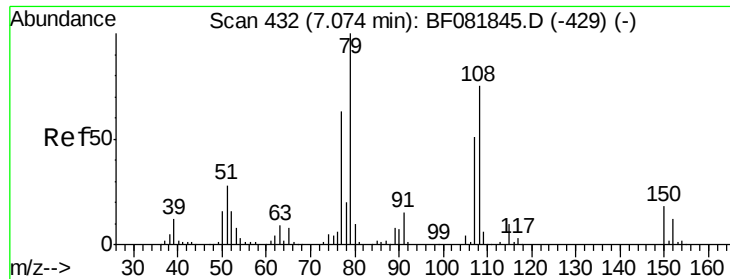
Tgt Ion:146 Resp: 329806
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.8 77.6
 111 38.7 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 48.14 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.15 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:146 Resp: 329806
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.7 79.1
 111 38.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 40.98 ng

RT: 7.03 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

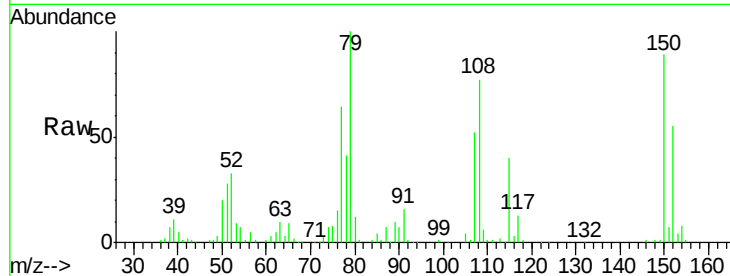
Tgt Ion: 79 Resp: 210119

Ion Ratio Lower Upper

79 100

108 76.7 88.6 132.8#

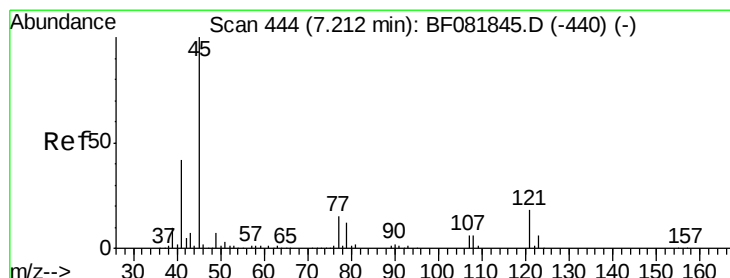
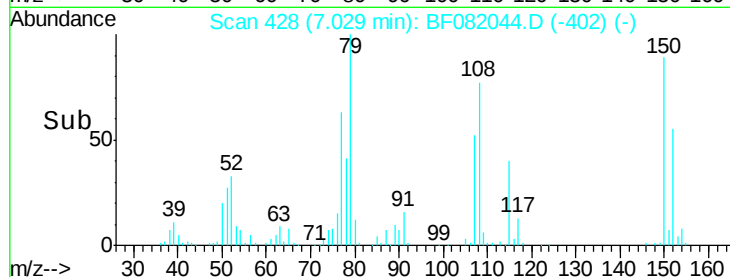
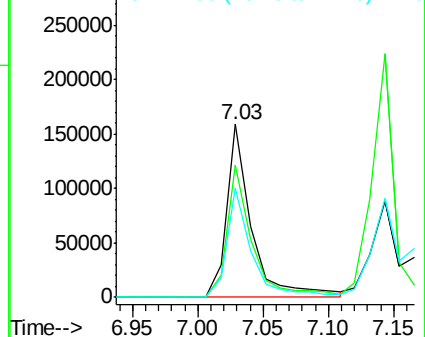
77 63.6 47.0 70.4



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: 43.41 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

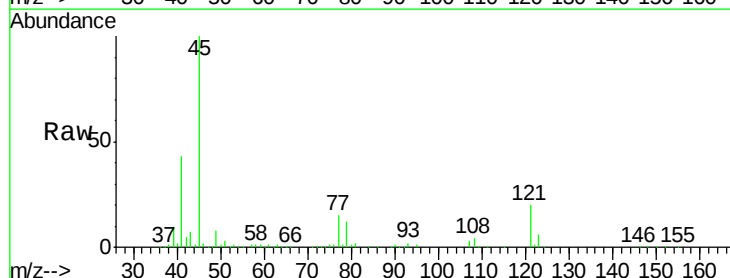
Tgt Ion: 45 Resp: 379197

Ion Ratio Lower Upper

45 100

77 15.0 0.0 28.1

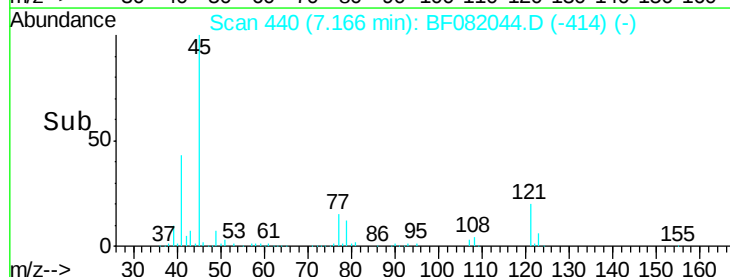
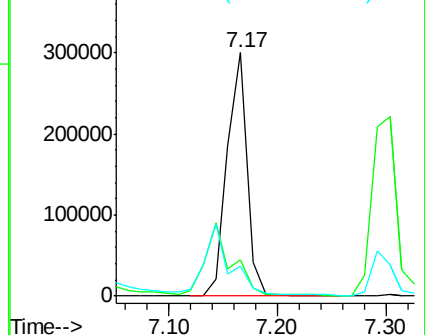
79 12.3 0.0 26.0

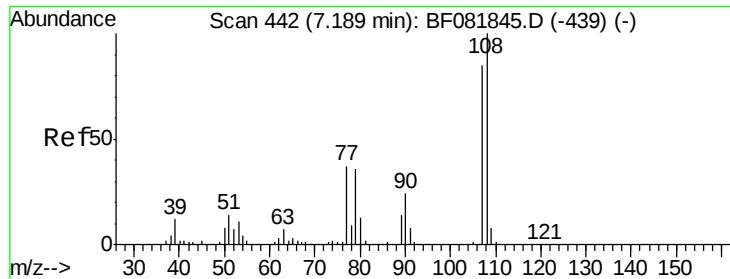


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

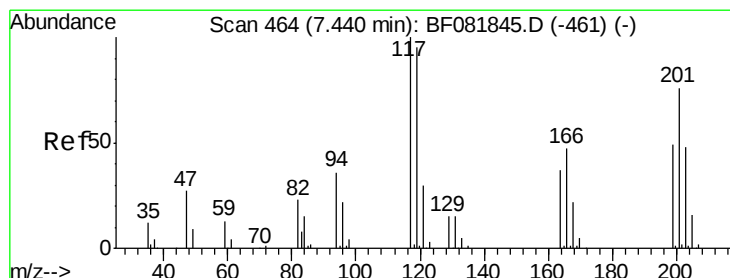
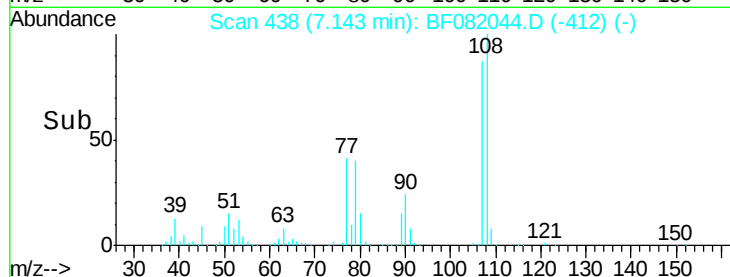
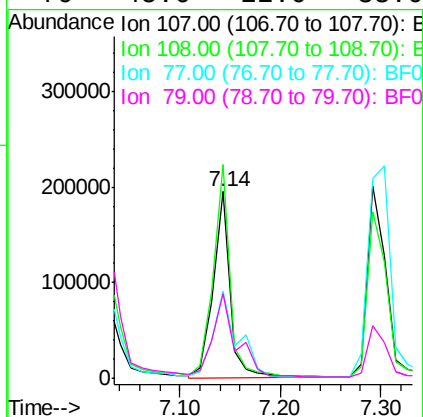
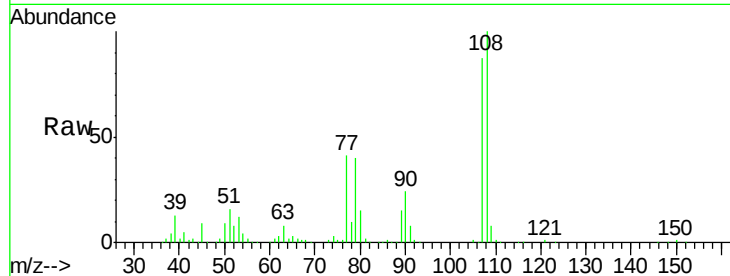




#17
2-Methylphenol
Concen: 45.29 ng
RT: 7.14 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

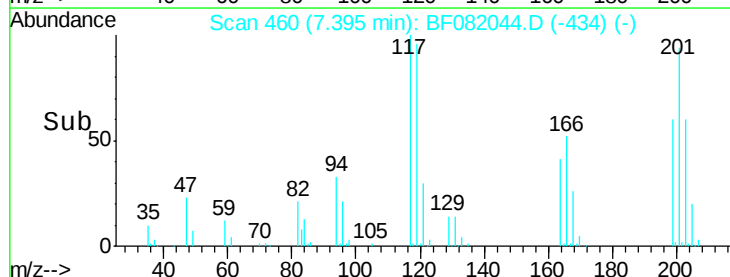
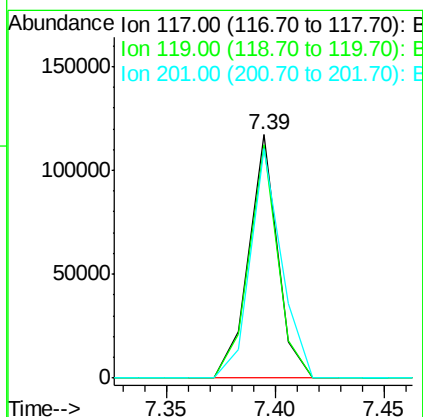
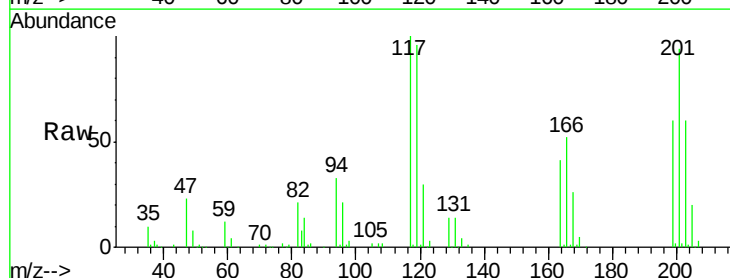
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

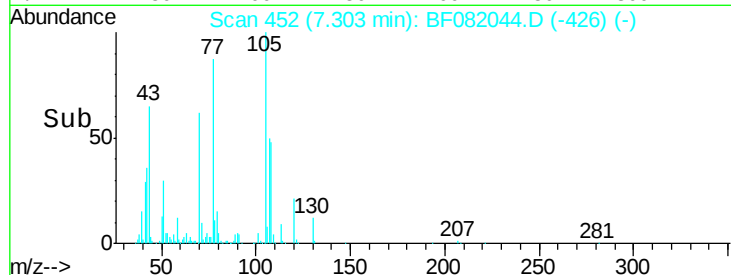
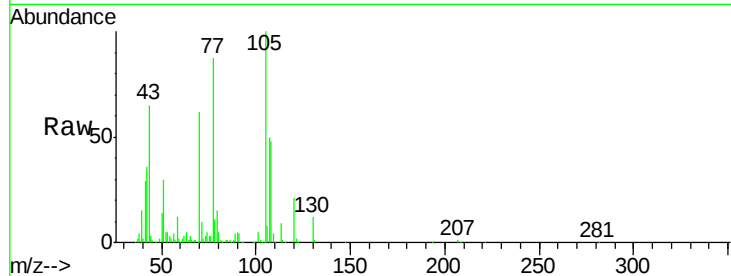
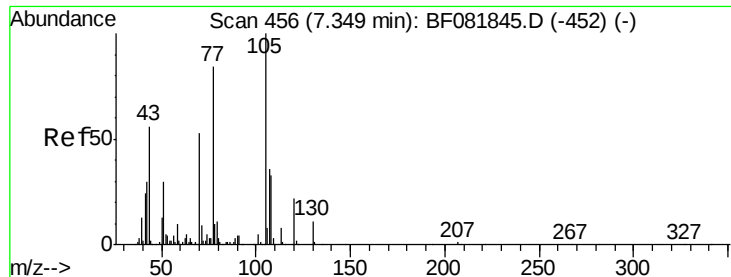
Tgt Ion:107 Resp: 22881
Ion Ratio Lower Upper
107 100
108 114.6 96.6 145.0
77 46.5 23.3 34.9#
79 45.6 22.0 33.0#



#18
Hexachloroethane
Concen: 44.81 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:117 Resp: 107847
Ion Ratio Lower Upper
117 100
119 96.0 83.8 125.6
201 94.1 55.1 82.7#

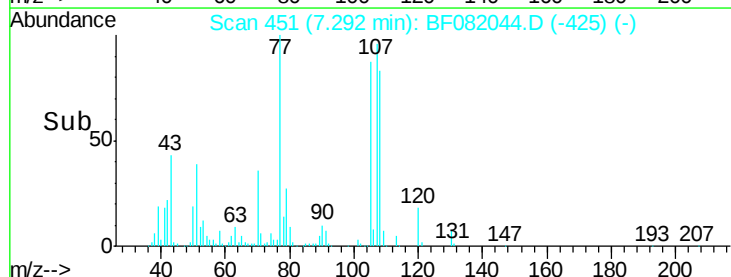
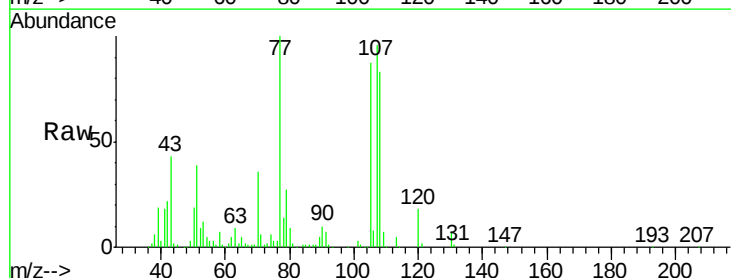
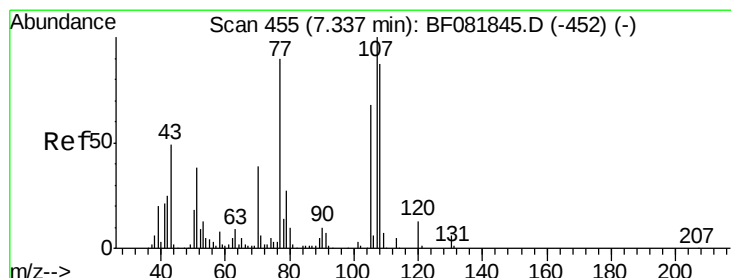
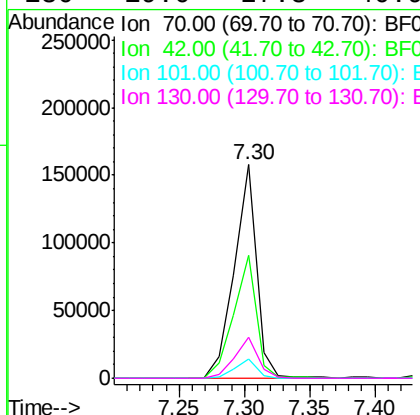




#19
n-Nitroso-di-n-propylamine
Concen: 43.52 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

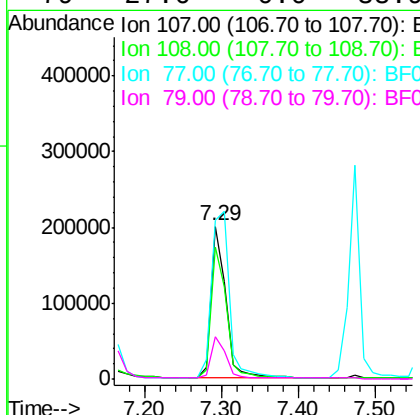
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

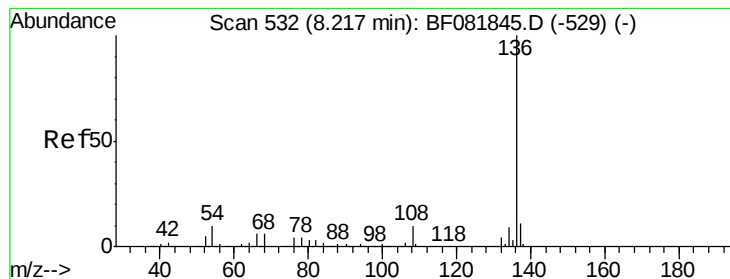
Tgt Ion:	70	Resp:	187880
Ion	Ratio	Lower	Upper
70	100		
42	57.6	63.8	95.6#
101	8.8	9.2	13.8#
130	19.0	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.69 ng
RT: 7.29 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:	107	Resp:	266088
Ion	Ratio	Lower	Upper
107	100		
108	86.3	74.6	114.6
77	103.9	0.7	40.7#
79	27.6	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

Tgt Ion:136 Resp: 412939

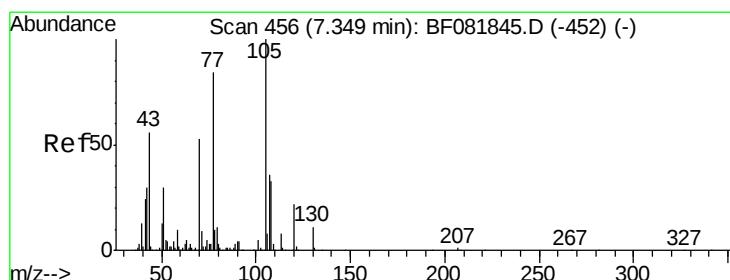
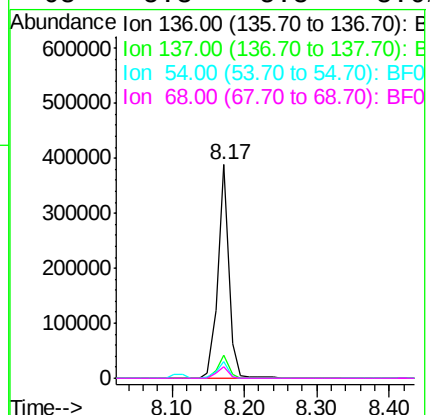
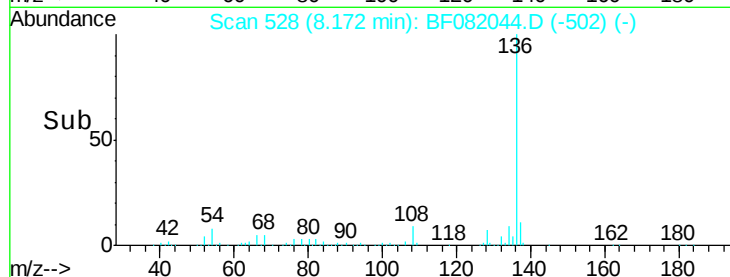
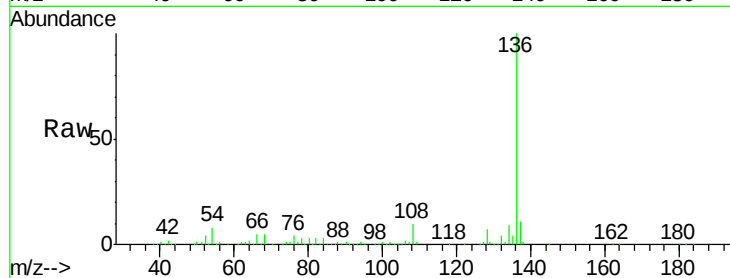
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.9 8.2 12.2#

68 5.3 5.8 8.6#



#22

Acetophenone

Concen: 44.49 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion:105 Resp: 375648

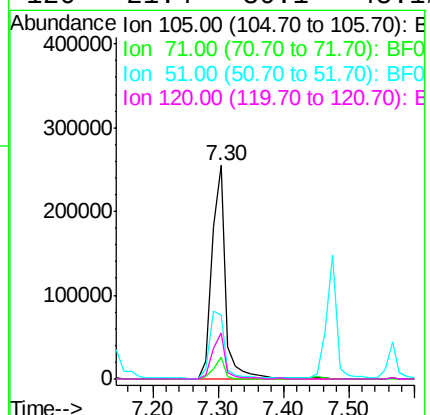
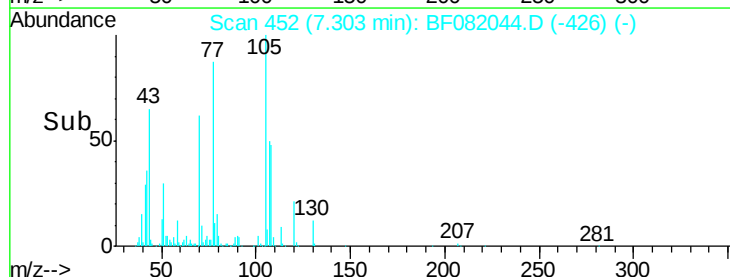
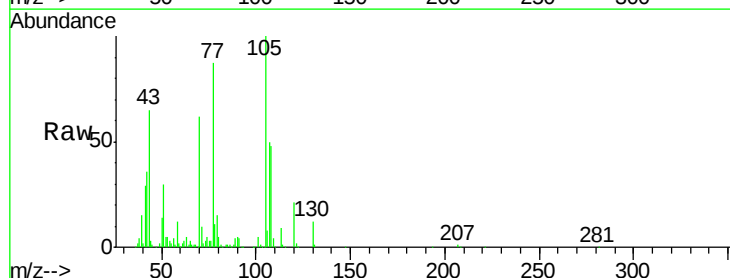
Ion Ratio Lower Upper

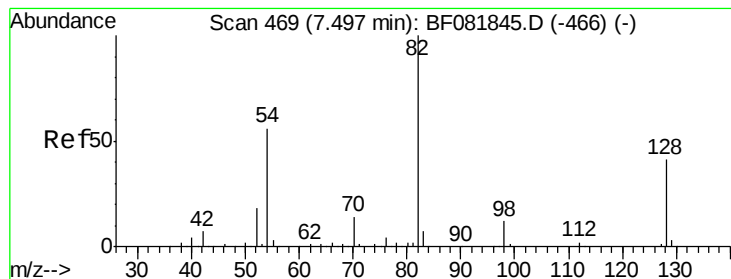
105 100

71 10.0 4.7 7.1#

51 30.0 22.0 33.0

120 21.4 30.1 45.1#





#23

Nitrobenzene-d5

Concen: 91.04 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

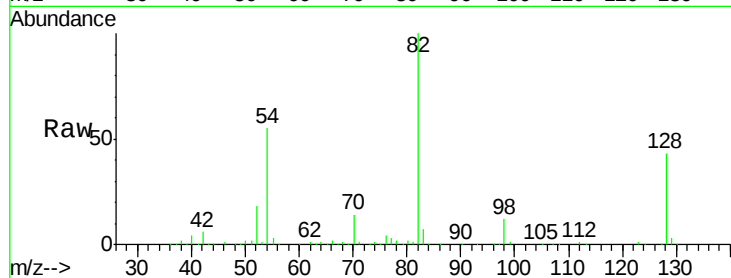
Tgt Ion: 82 Resp: 563974

Ion Ratio Lower Upper

82 100

128 43.0 51.0 76.6#

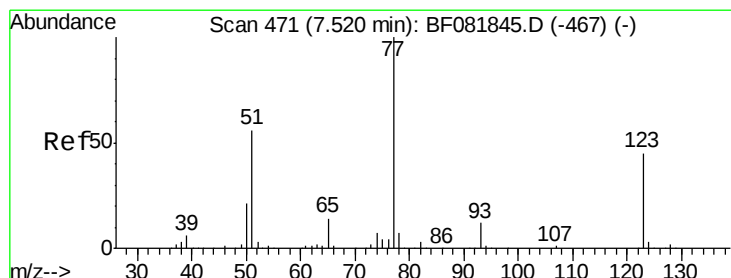
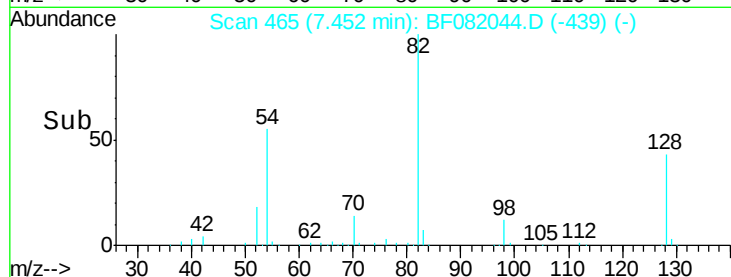
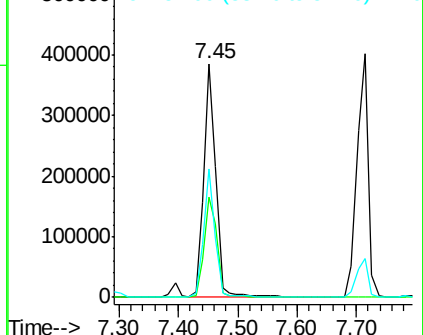
54 55.0 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.40 ng

RT: 7.47 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

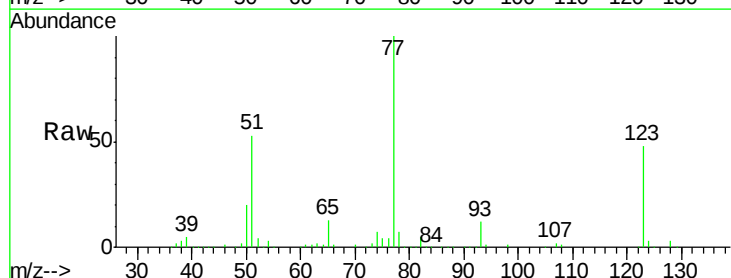
Tgt Ion: 77 Resp: 291940

Ion Ratio Lower Upper

77 100

123 48.0 59.8 89.8#

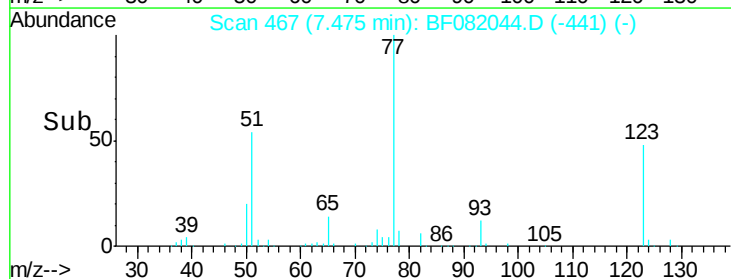
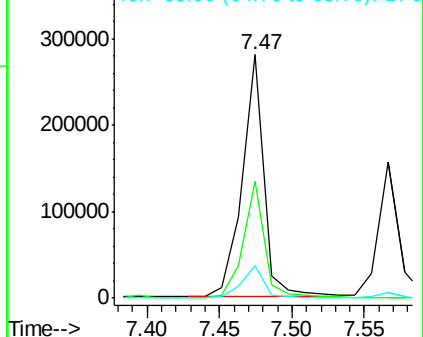
65 13.4 10.2 15.4

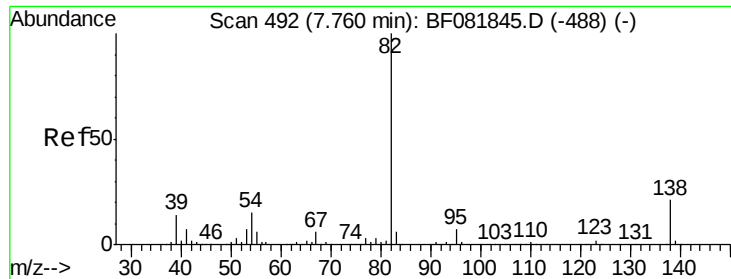


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0

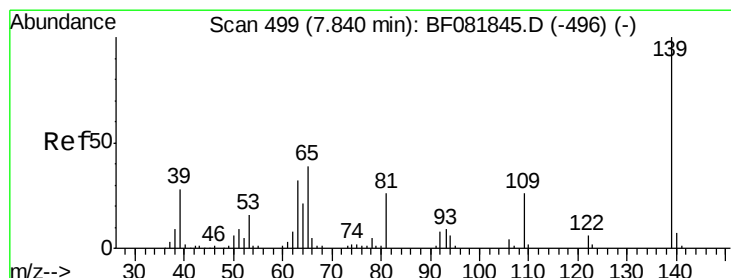
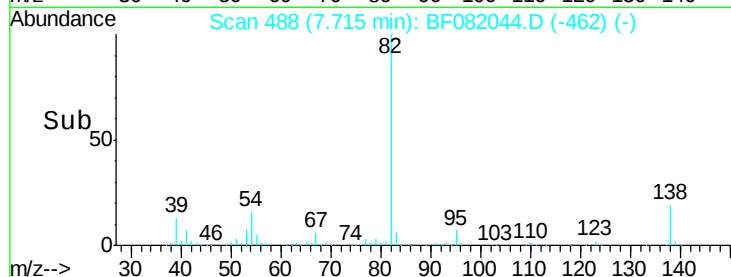
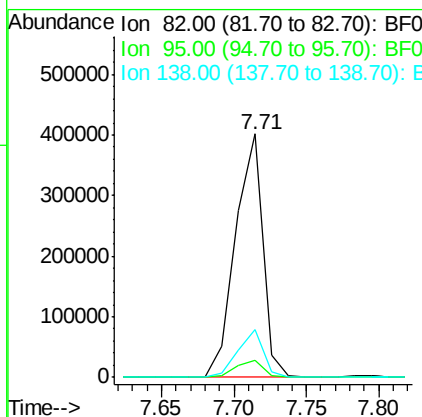
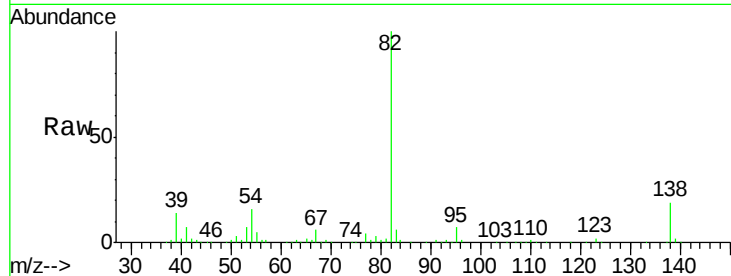




#25
Isophorone
Concen: 42.85 ng
RT: 7.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

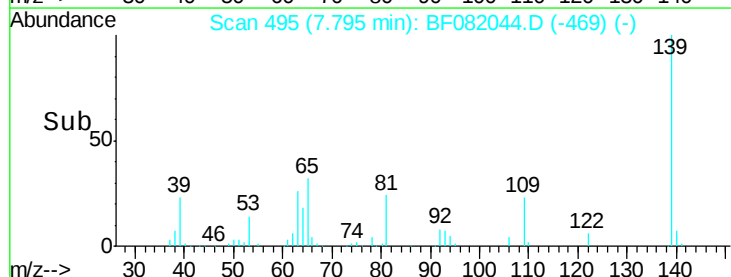
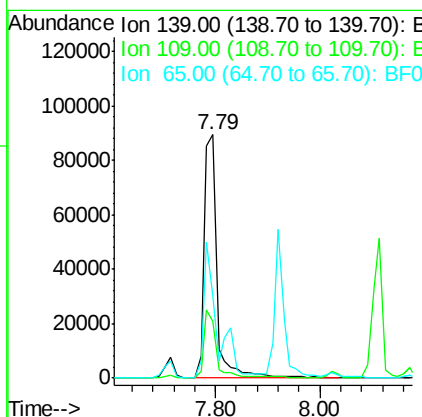
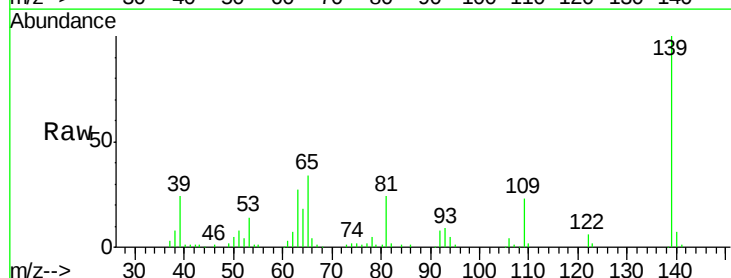
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

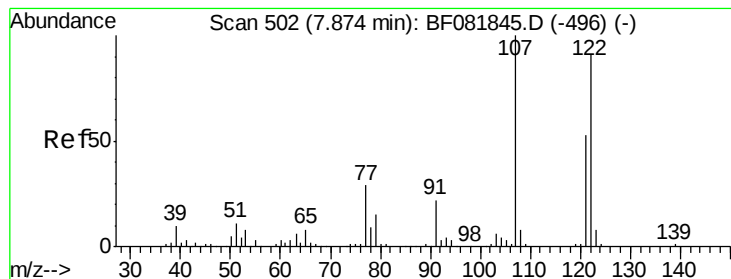
Tgt Ion: 82 Resp: 526166
Ion Ratio Lower Upper
82 100
95 7.3 4.0 6.0#
138 19.4 18.3 27.5



#26
2-Nitrophenol
Concen: 46.82 ng
RT: 7.79 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion: 139 Resp: 151178
Ion Ratio Lower Upper
139 100
109 23.4 11.0 16.4#
65 33.8 24.7 37.1





#27

2,4-Dimethylphenol

Concen: 45.63 ng

RT: 7.83 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

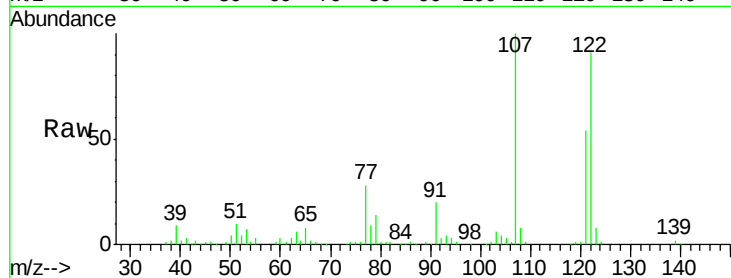
Tgt Ion:122 Resp: 259184

Ion Ratio Lower Upper

122 100

107 110.0 71.8 107.6#

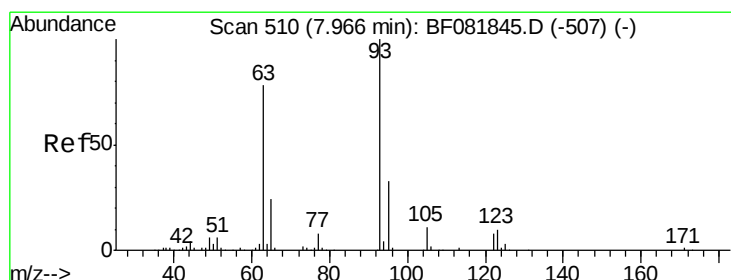
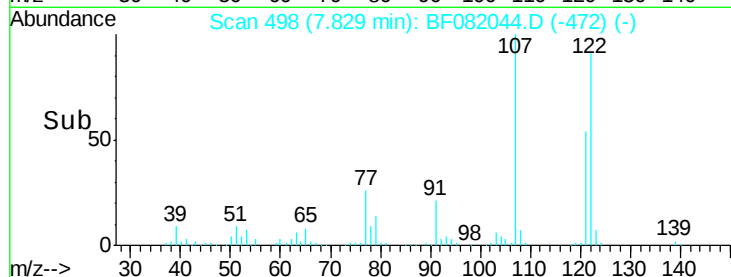
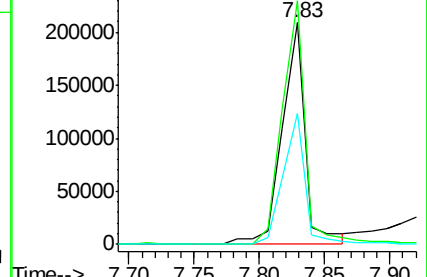
121 58.9 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.34 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

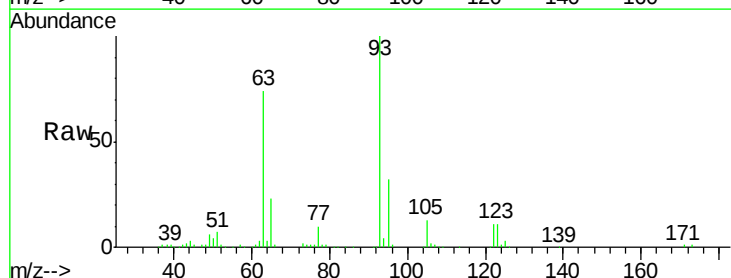
Tgt Ion: 93 Resp: 308706

Ion Ratio Lower Upper

93 100

95 31.8 27.5 41.3

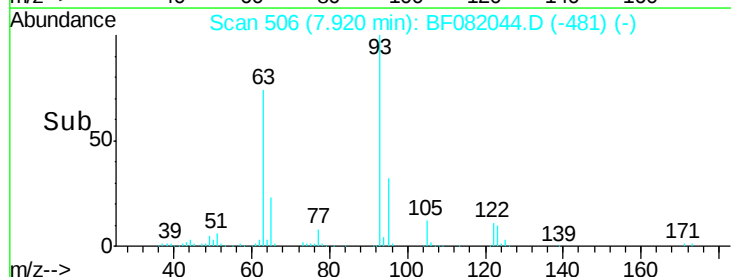
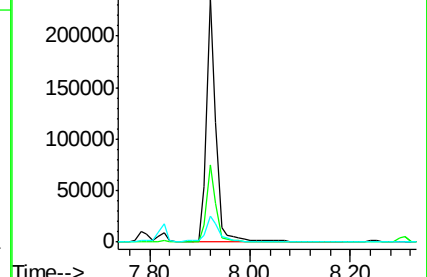
123 10.5 13.7 20.5#

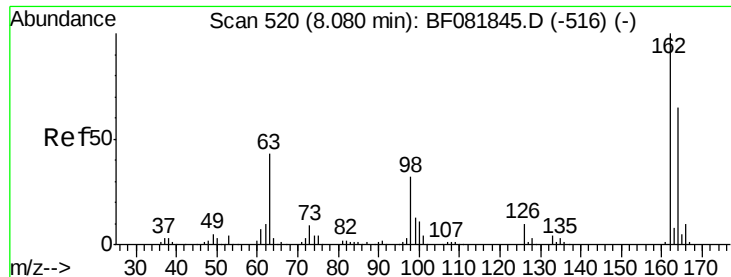


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

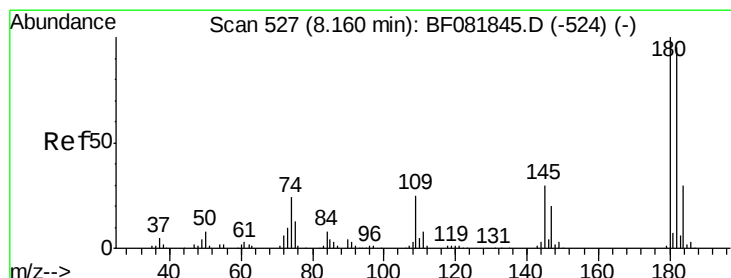
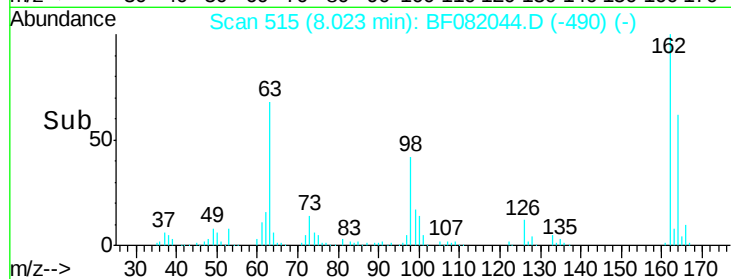
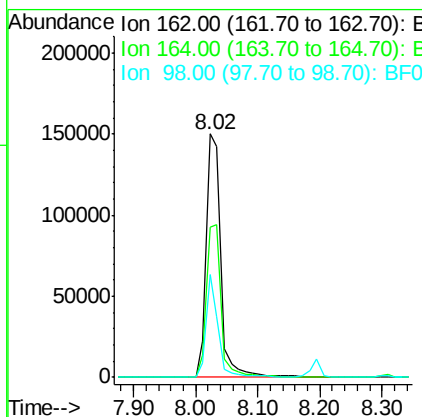
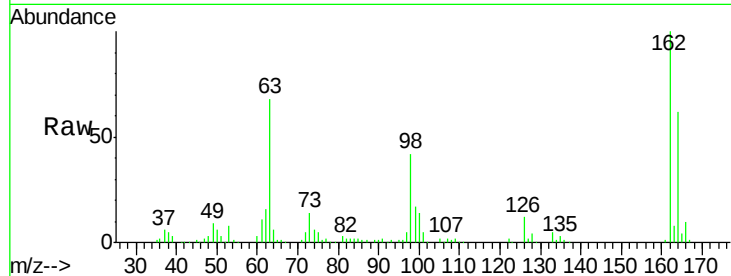




#29
 2,4-Dichlorophenol
 Concen: 45.02 ng
 RT: 8.02 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

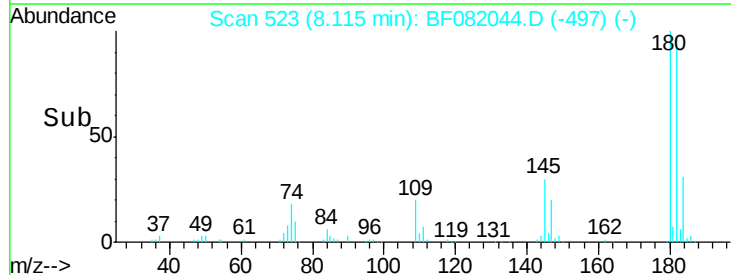
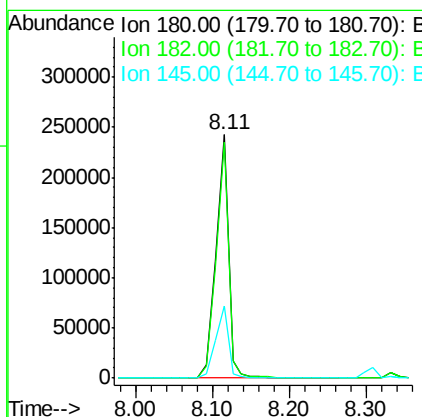
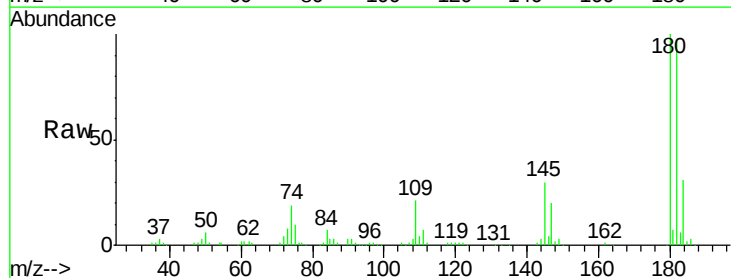
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

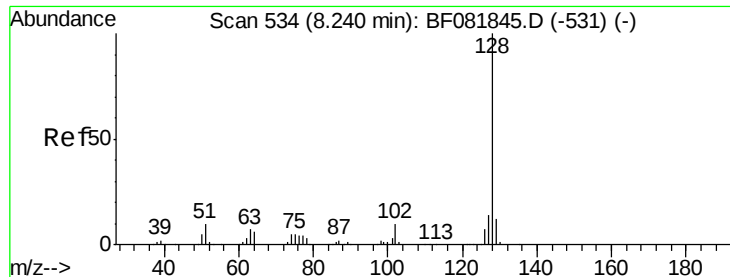
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	44.9	84.9
98	42.5	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.85 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.1	115.7
145	29.6	23.3	34.9

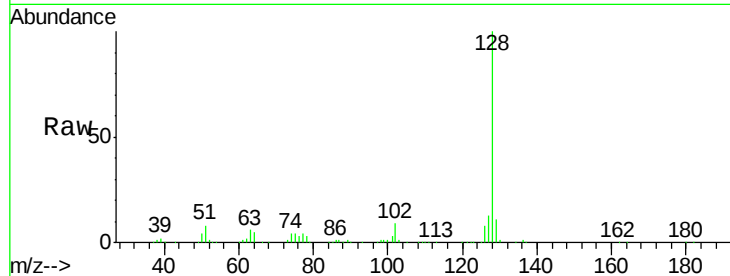




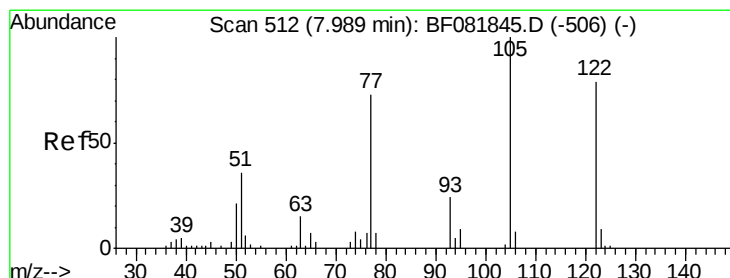
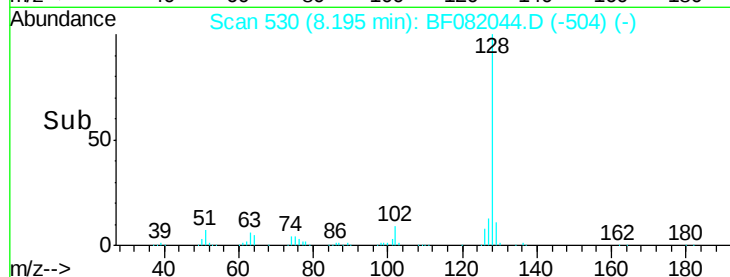
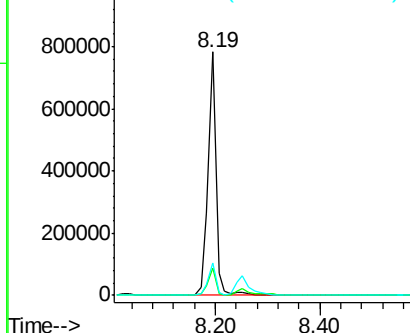
#31
Naphthalene
Concen: 45.13 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tgt Ion:128 Resp: 825855
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.5 9.9 14.9

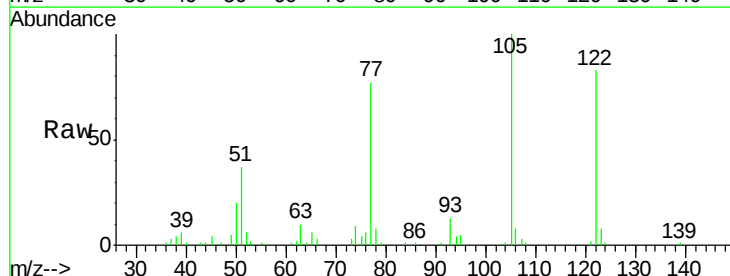


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

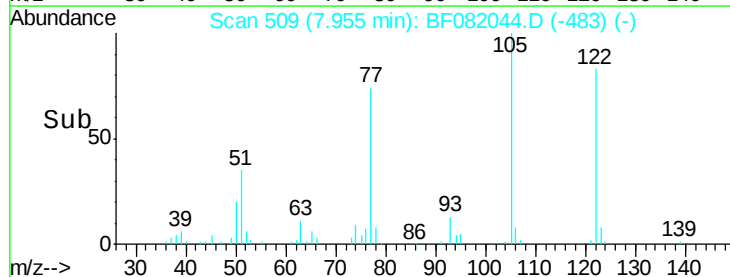
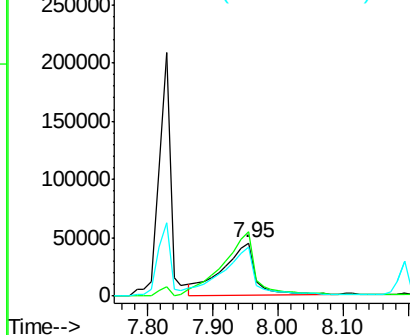


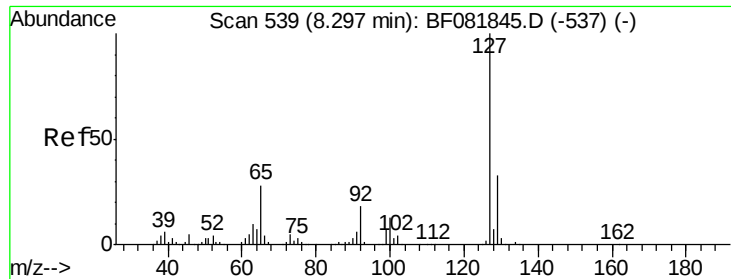
#32
Benzoic acid
Concen: 46.57 ng
RT: 7.95 min Scan# 509
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:122 Resp: 157342
Ion Ratio Lower Upper
122 100
105 120.9 76.1 116.1#
77 93.4 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

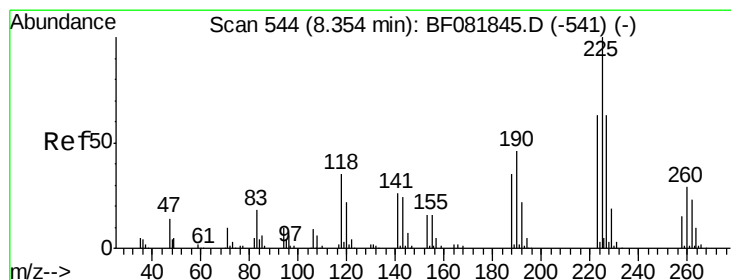
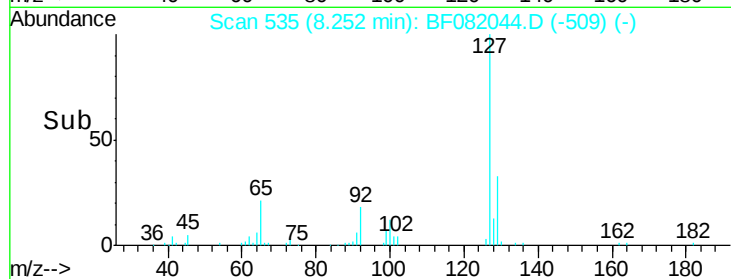
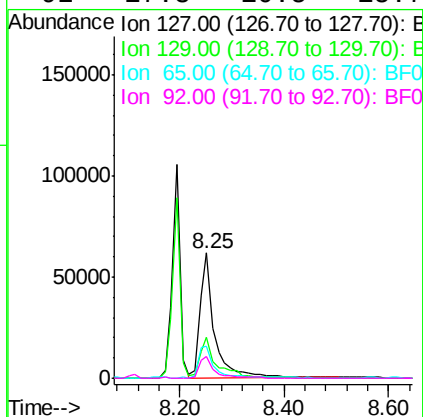
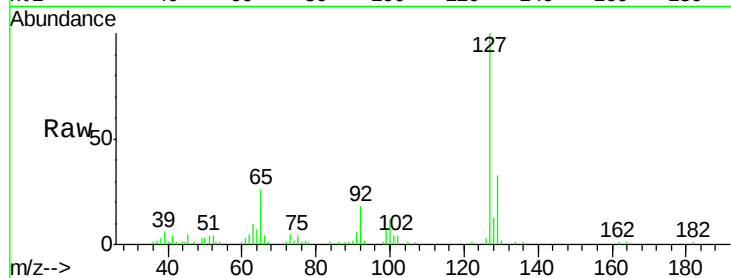




#33
4-Chloroaniline
Concen: 15.09 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

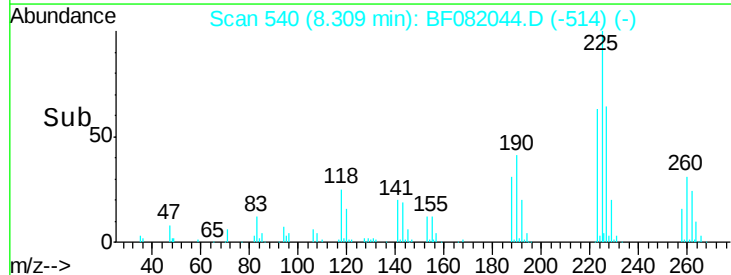
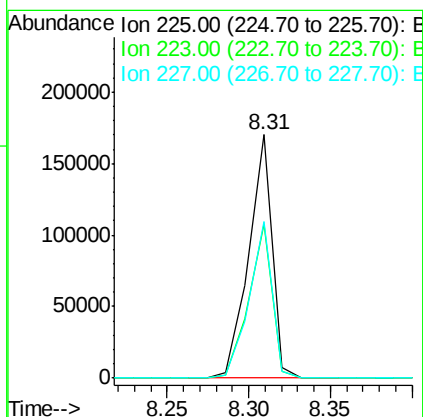
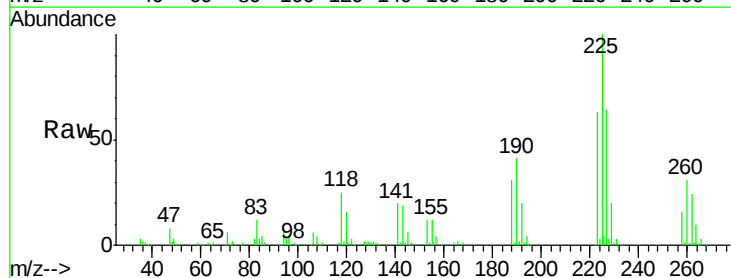
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

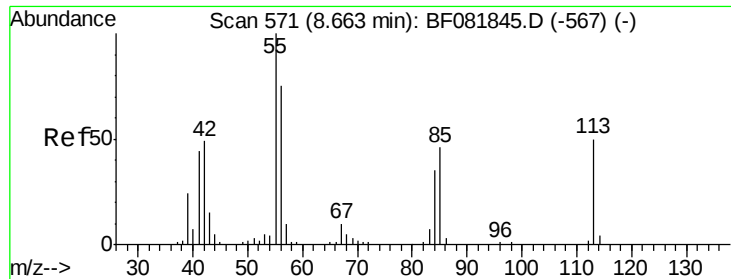
Tgt Ion:	127	Resp:	119365
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.6
65	25.9	17.9	26.9
92	17.8	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:	225	Resp:	168906
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	64.2	52.2	78.2

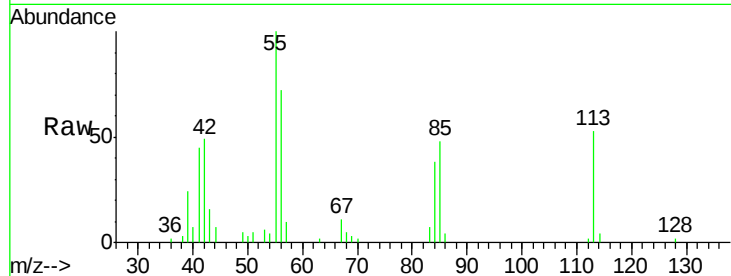




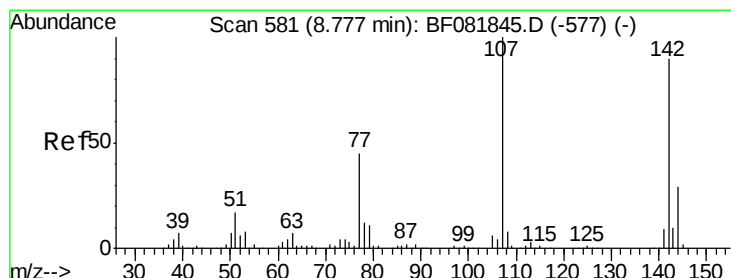
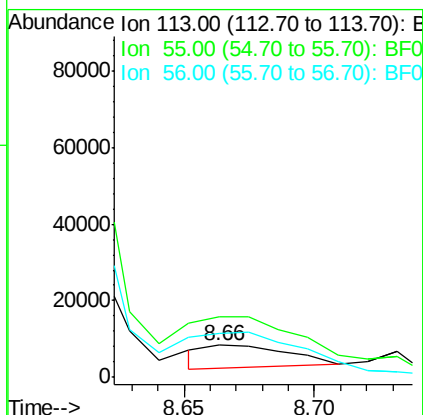
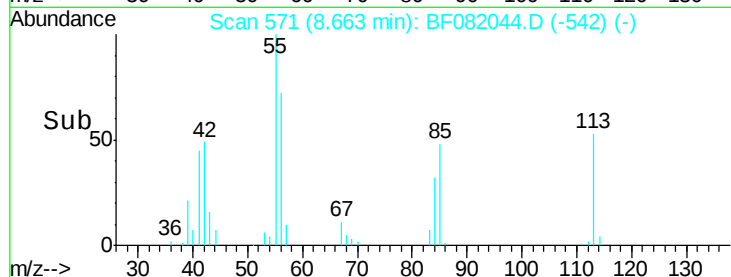
#35
 Caprolactam
 Concen: 8.27 ng
 RT: 8.66 min Scan# 571
 Delta R.T. 0.03 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tgt Ion:113 Resp: 12606
 Ion Ratio Lower Upper
 113 100
 55 189.8 152.4 192.4
 56 137.0 104.6 144.6

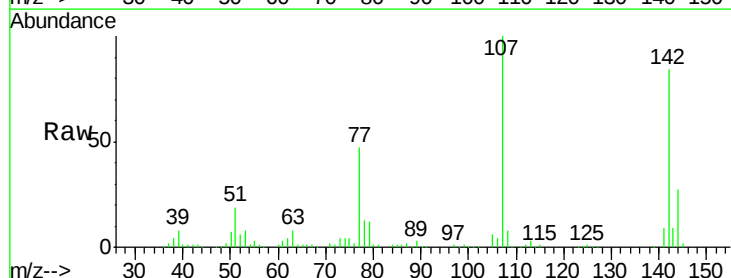


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

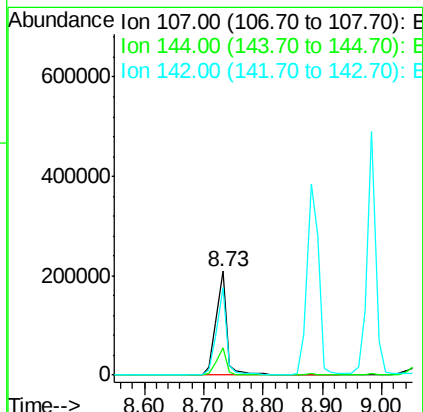
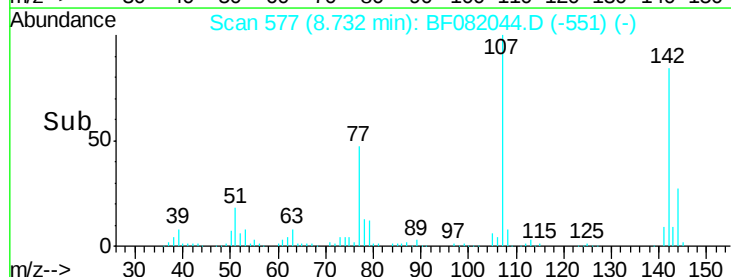


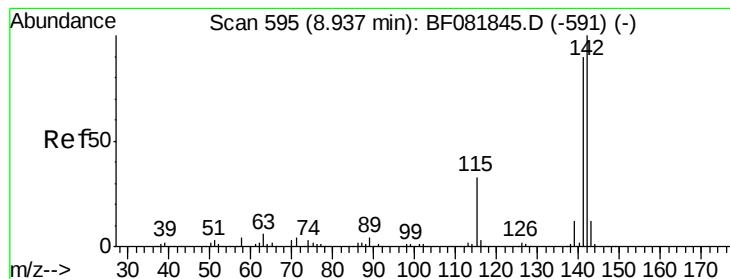
#36
 4-Chloro-3-methylphenol
 Concen: 48.66 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:107 Resp: 262054
 Ion Ratio Lower Upper
 107 100
 144 26.8 25.4 38.0
 142 84.4 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

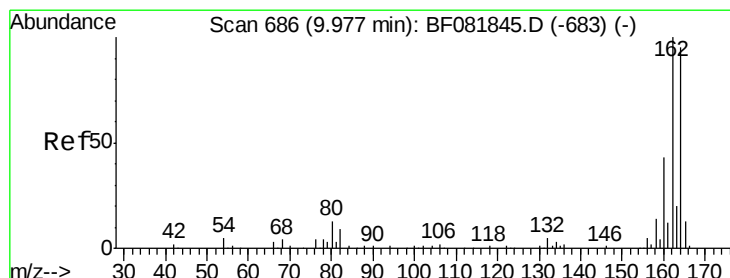
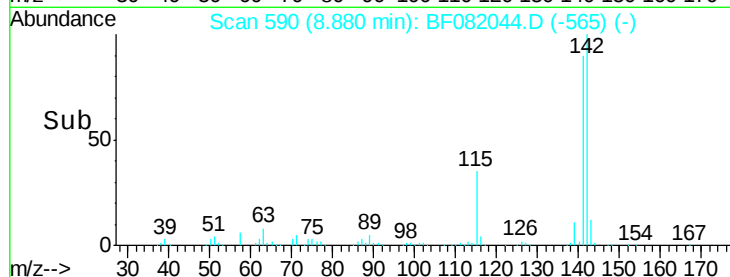
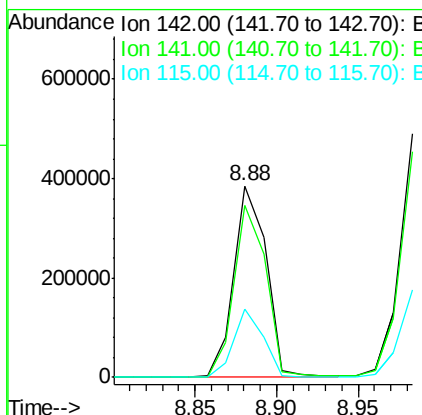
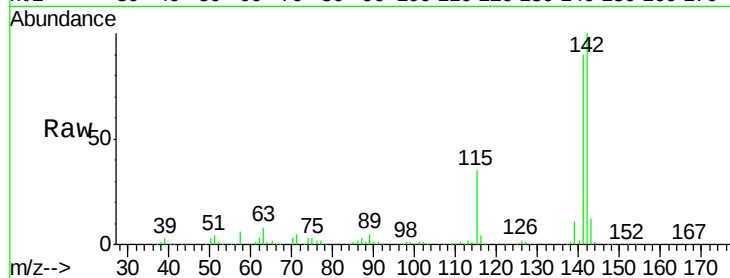




#37
2-Methylnaphthalene
Concen: 42.52 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

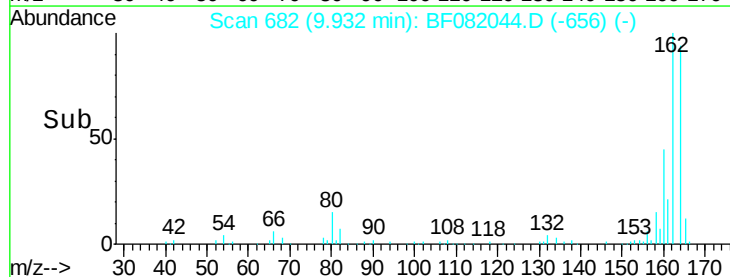
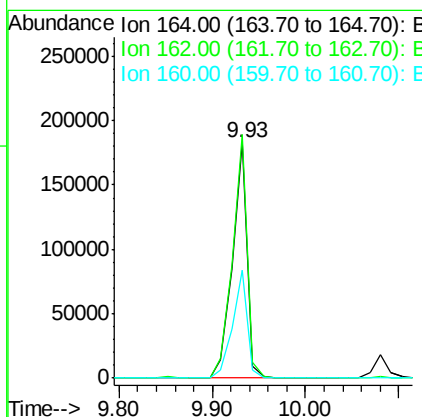
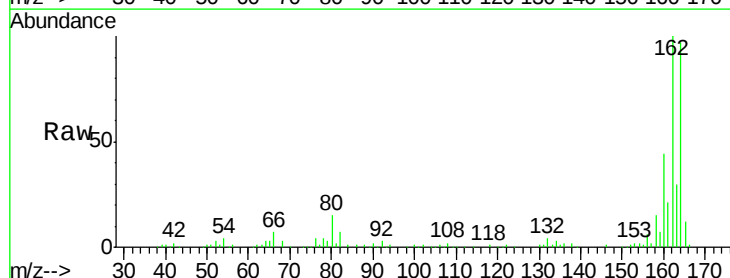
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

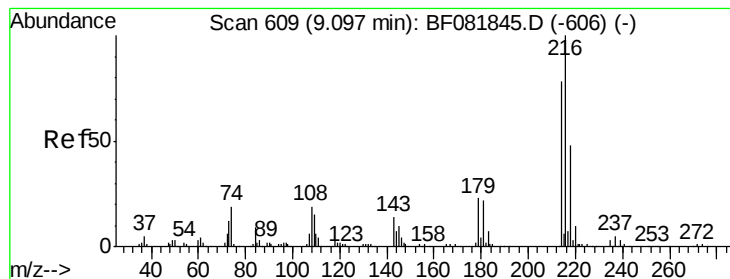
Tgt Ion:142 Resp: 531044
Ion Ratio Lower Upper
142 100
141 90.0 67.5 101.3
115 35.4 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:164 Resp: 203195
Ion Ratio Lower Upper
164 100
162 103.3 75.2 112.8
160 45.9 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.91 ng

RT: 9.05 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

Tgt Ion:216 Resp: 280168

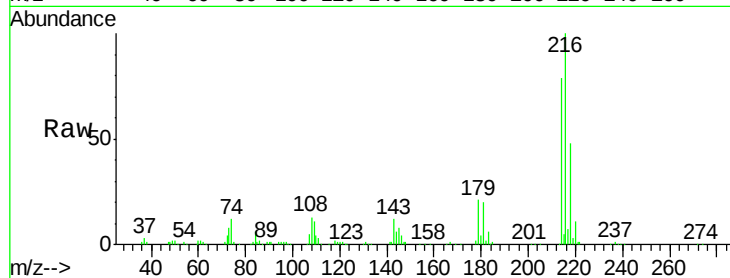
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.1 16.6 24.8

108 18.2 16.3 24.5

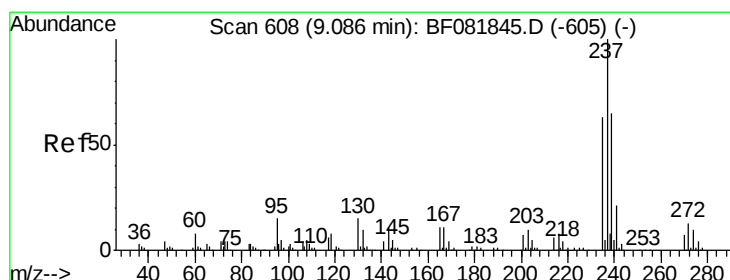
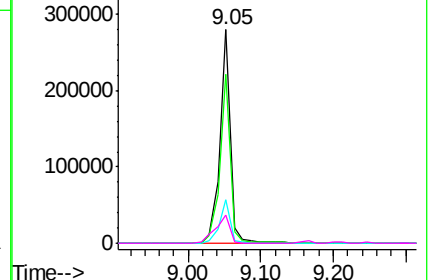
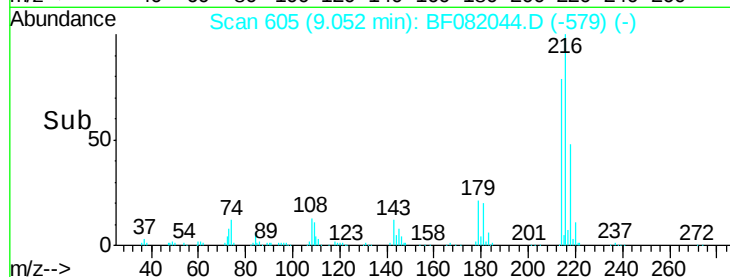


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.66 ng

RT: 9.04 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

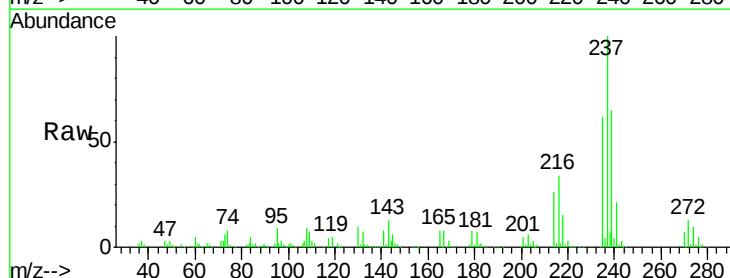
Tgt Ion:237 Resp: 323365

Ion Ratio Lower Upper

237 100

235 62.2 42.0 82.0

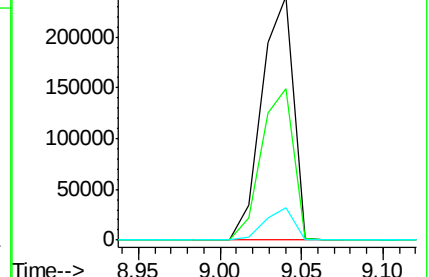
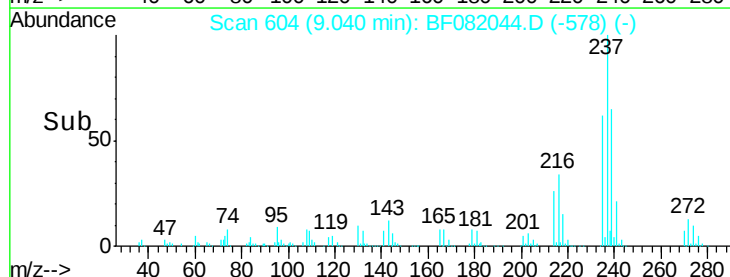
272 13.1 0.0 36.1

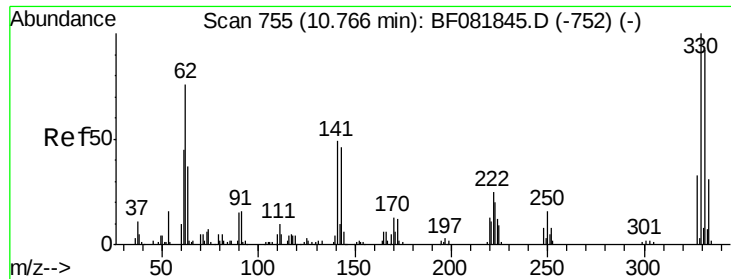


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

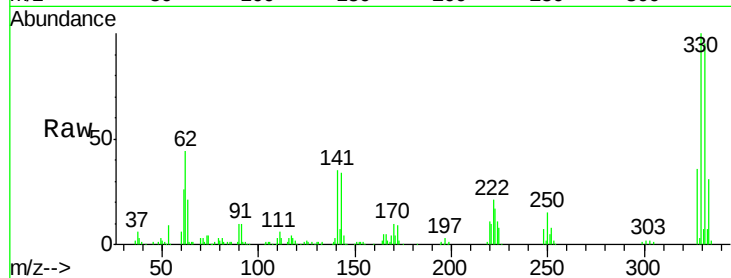




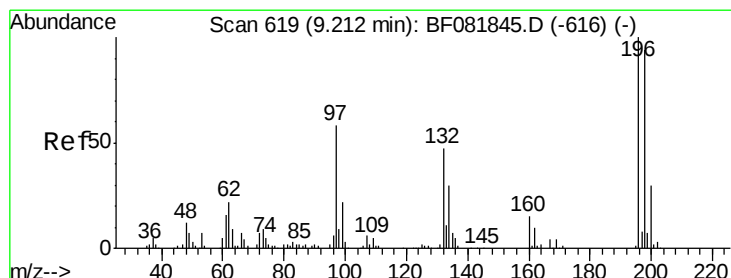
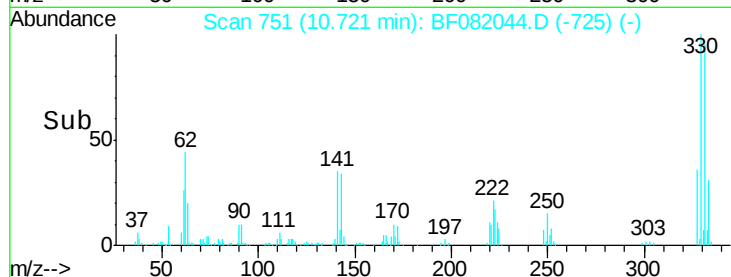
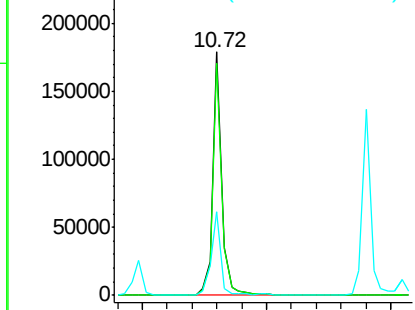
#41
 2,4,6-Tribromophenol
 Concen: 87.62 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tgt Ion:330 Resp: 180313
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 36.4 29.7 44.5

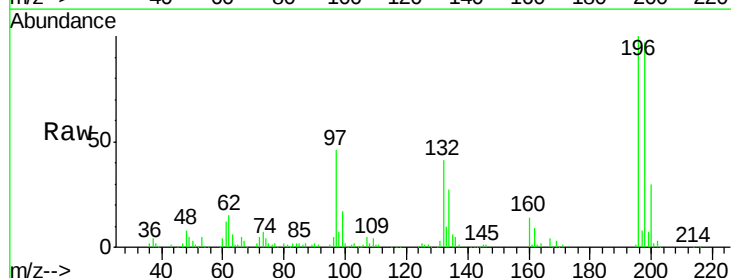


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

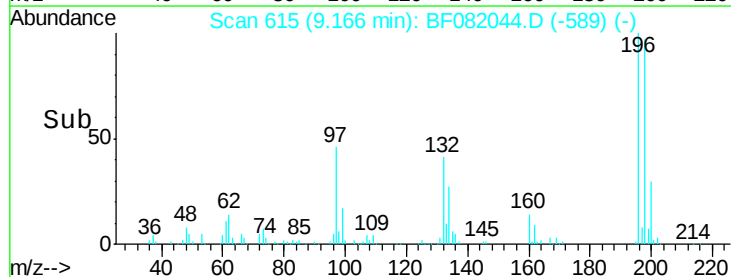
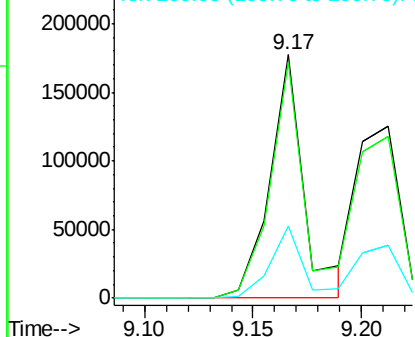


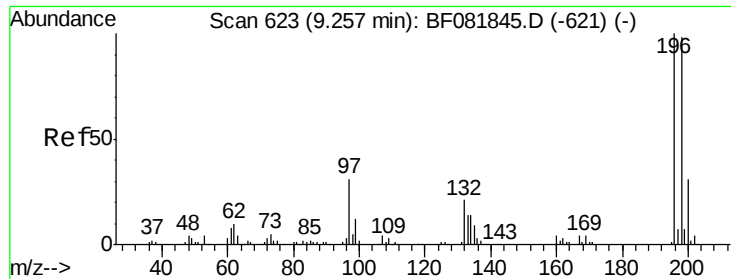
#42
 2,4,6-Trichlorophenol
 Concen: 45.40 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:196 Resp: 194137
 Ion Ratio Lower Upper
 196 100
 198 97.0 75.7 113.5
 200 29.7 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

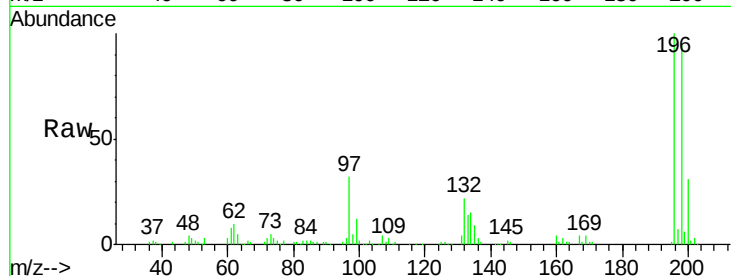




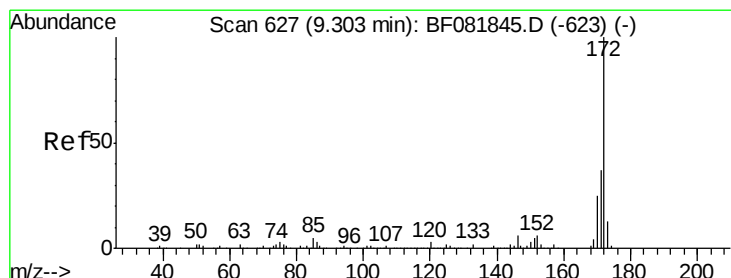
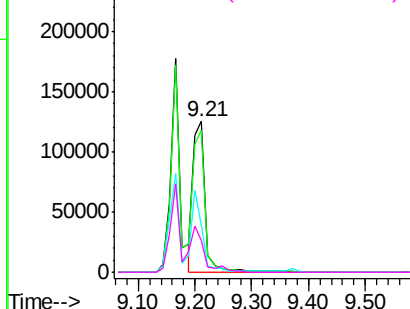
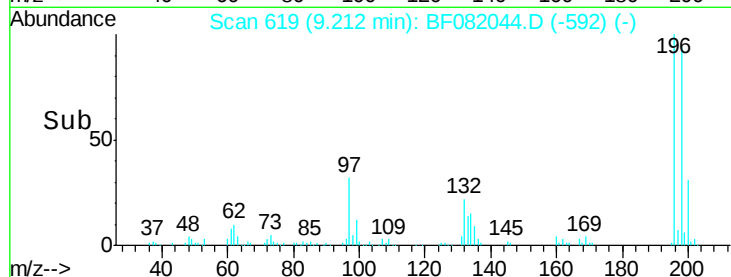
#43
 2,4,5-Trichlorophenol
 Concen: 43.55 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tgt Ion:196 Resp: 191508
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.4 113.0
 97 31.8 33.3 49.9#
 132 21.5 24.6 37.0#

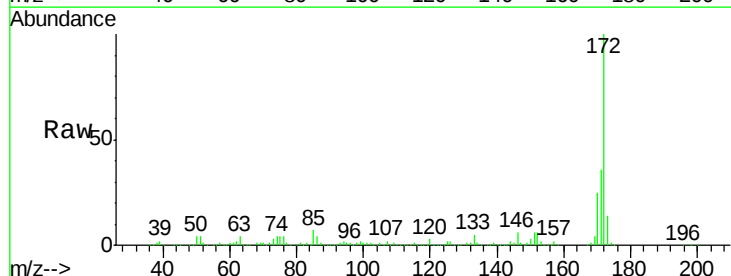


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

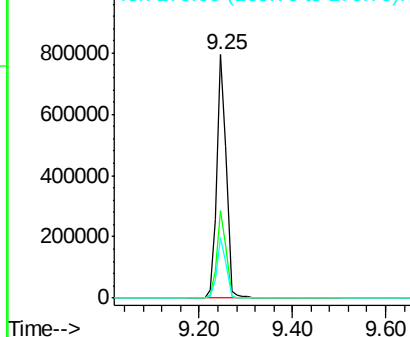
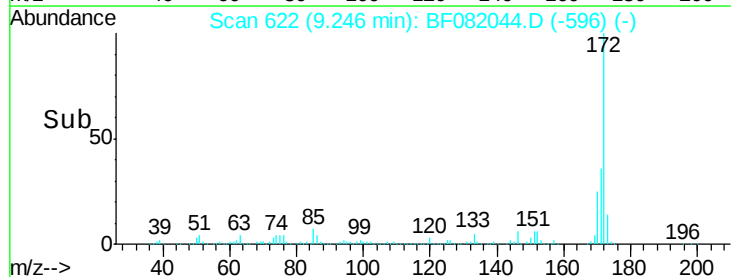


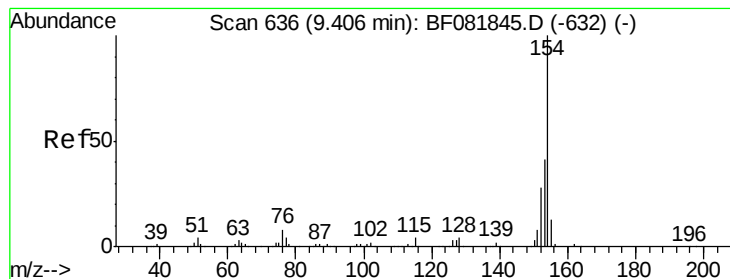
#44
 2-Fluorobiphenyl
 Concen: 93.76 ng
 RT: 9.25 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:172 Resp: 1115880
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.7 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: 42.40 ng

RT: 9.35 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

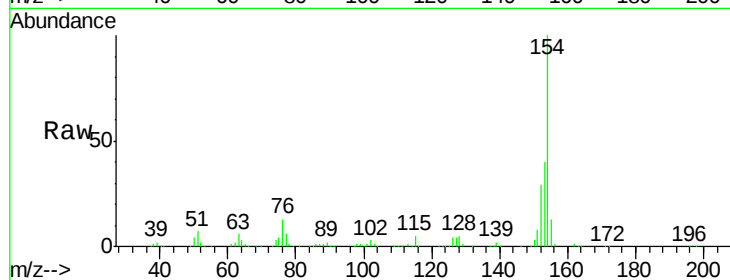
Tgt Ion:154 Resp: 664676

Ion Ratio Lower Upper

154 100

153 40.1 17.1 57.1

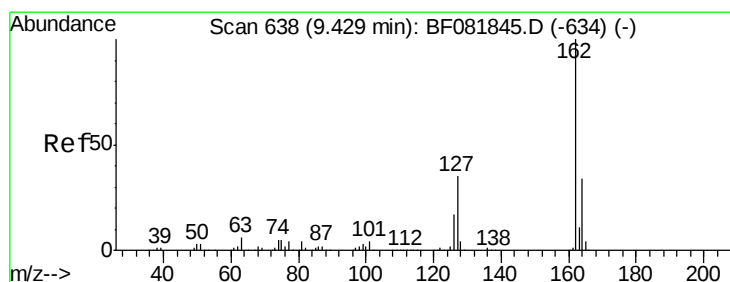
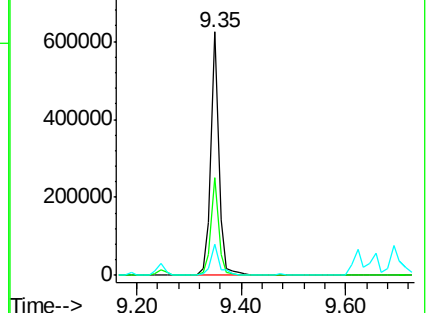
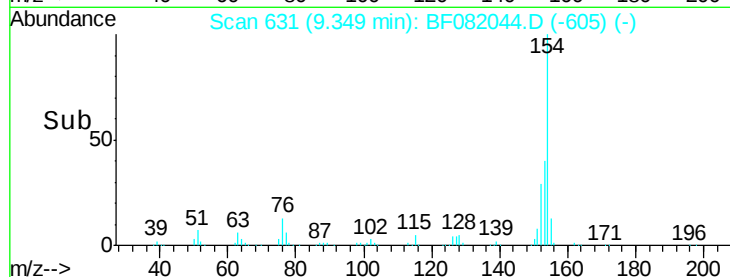
76 13.0 0.0 31.6



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): E



#46

2-Chloronaphthalene

Concen: 42.28 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

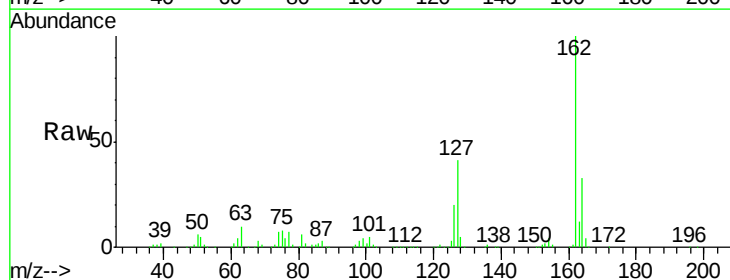
Tgt Ion:162 Resp: 520462

Ion Ratio Lower Upper

162 100

127 40.6 27.6 41.4

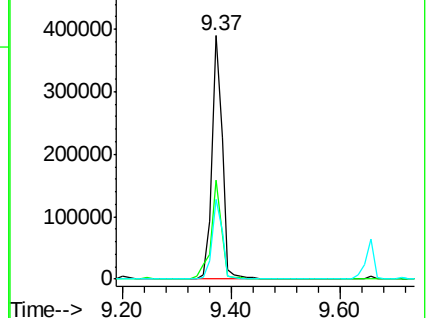
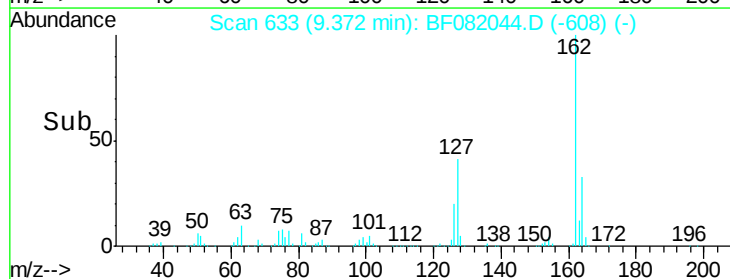
164 32.8 25.4 38.2

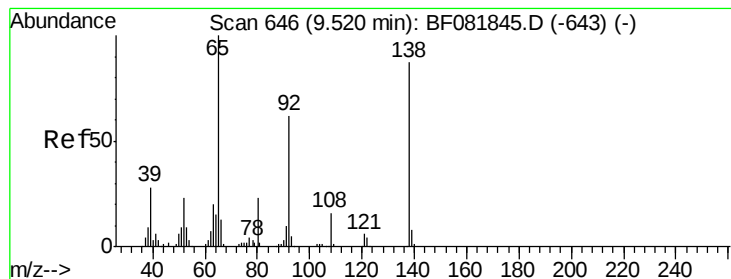


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.91 ng

RT: 9.47 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

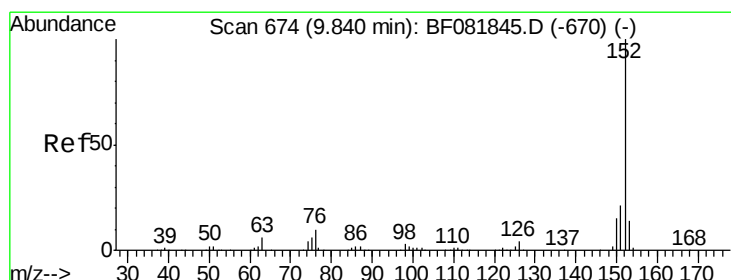
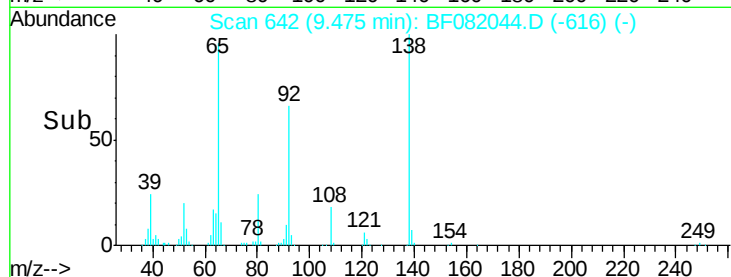
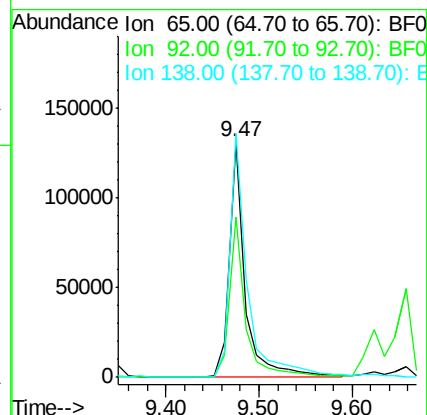
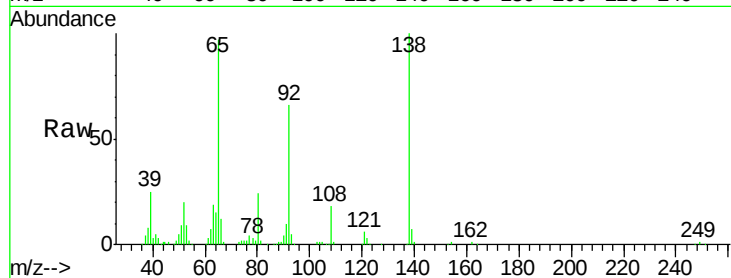
Tgt Ion: 65 Resp: 155066

Ion Ratio Lower Upper

65 100

92 68.0 55.4 83.0

138 103.6 115.5 173.3#



#48

Acenaphthylene

Concen: 44.57 ng

RT: 9.79 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

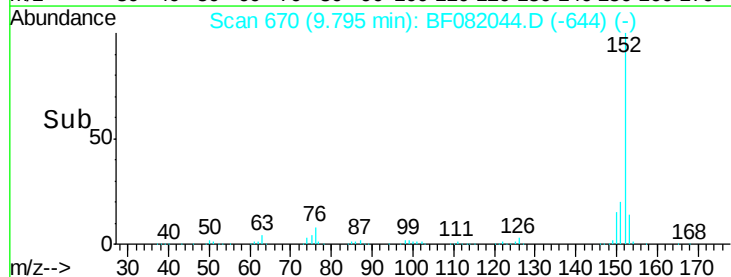
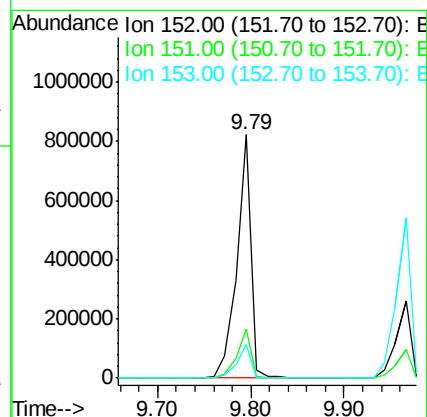
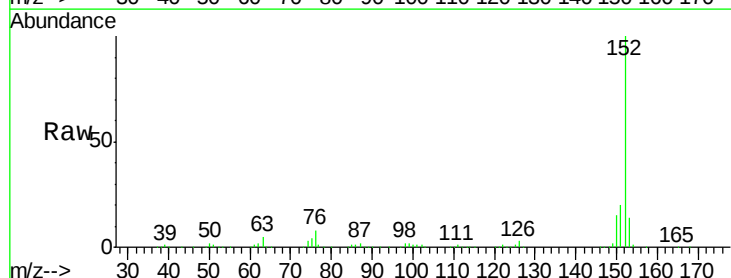
Tgt Ion: 152 Resp: 878099

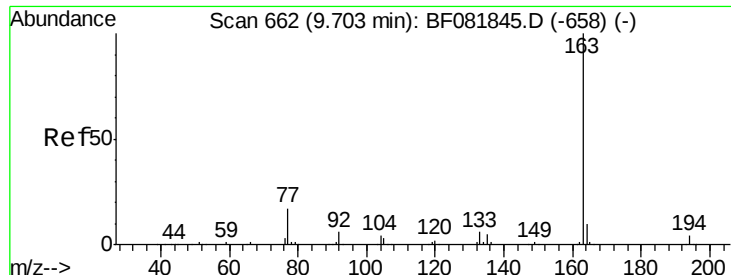
Ion Ratio Lower Upper

152 100

151 20.4 14.6 22.0

153 13.6 10.3 15.5

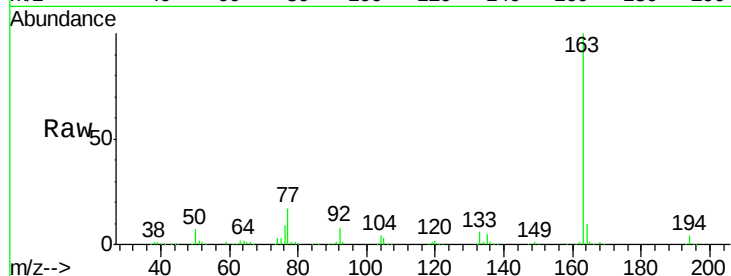




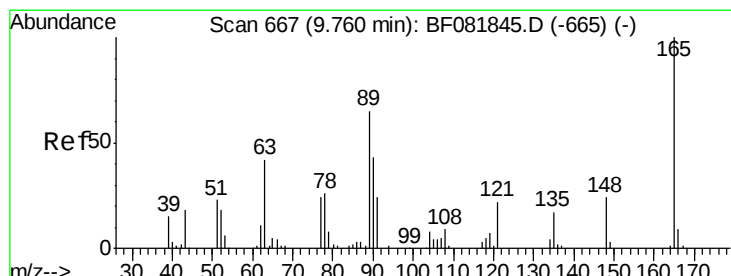
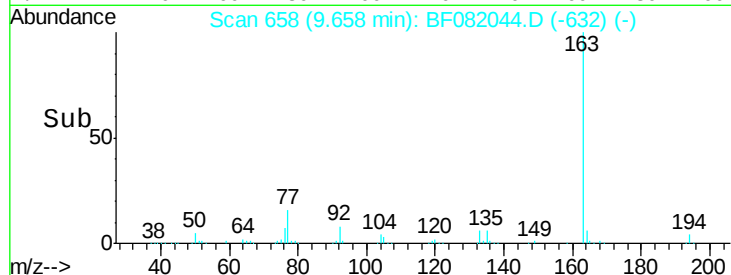
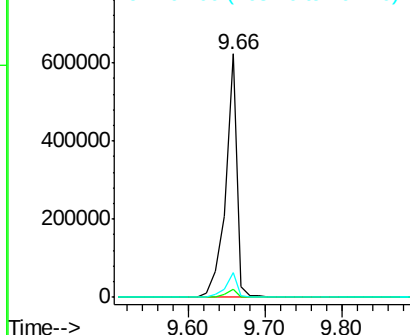
#49
Dimethylphthalate
Concen: 46.41 ng
RT: 9.66 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tgt Ion:163 Resp: 650892
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.2 8.3 12.5

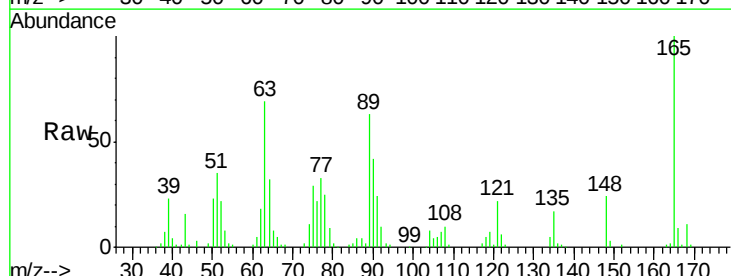


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

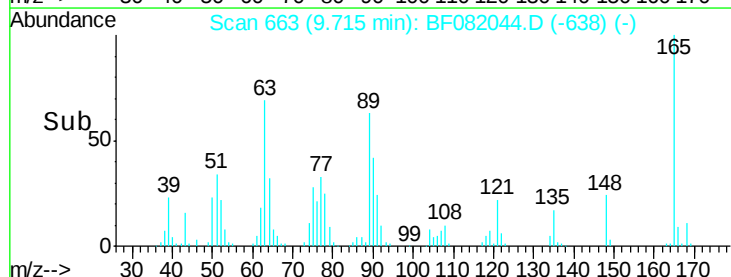
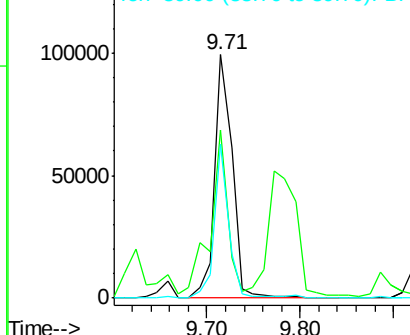


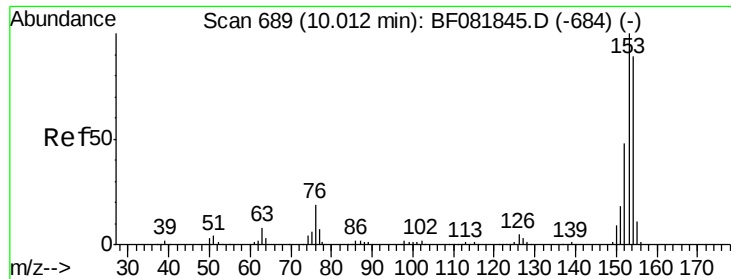
#50
2,6-Dinitrotoluene
Concen: 42.58 ng
RT: 9.71 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:165 Resp: 129651
Ion Ratio Lower Upper
165 100
63 69.1 32.3 48.5#
89 63.2 28.6 43.0#



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





#51

Acenaphthene

Concen: 52.34 ng

RT: 9.97 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

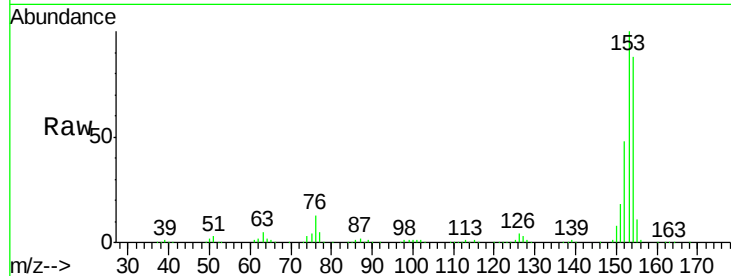
Tgt Ion:154 Resp: 612321

Ion Ratio Lower Upper

154 100

153 114.2 82.1 123.1

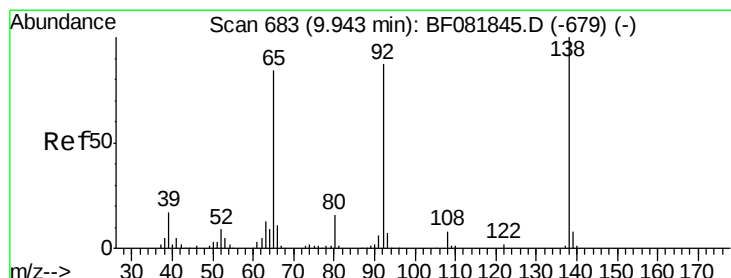
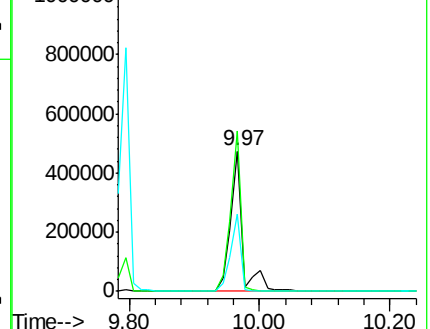
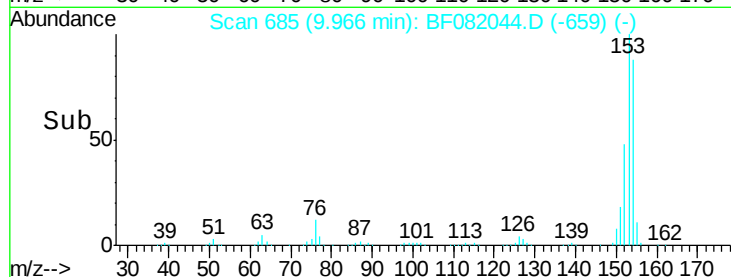
152 54.9 37.9 56.9



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: 23.35 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

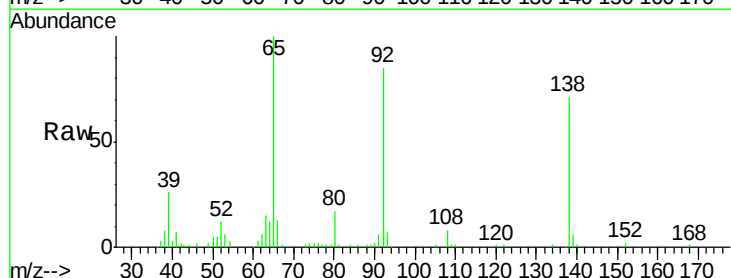
Tgt Ion:138 Resp: 82272

Ion Ratio Lower Upper

138 100

108 11.0 5.7 8.5#

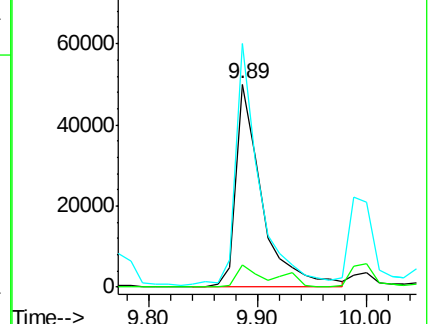
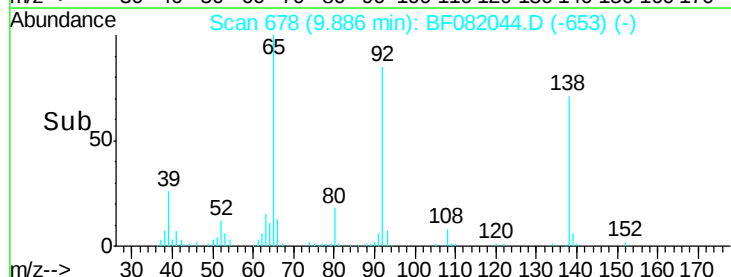
92 120.0 67.7 101.5#

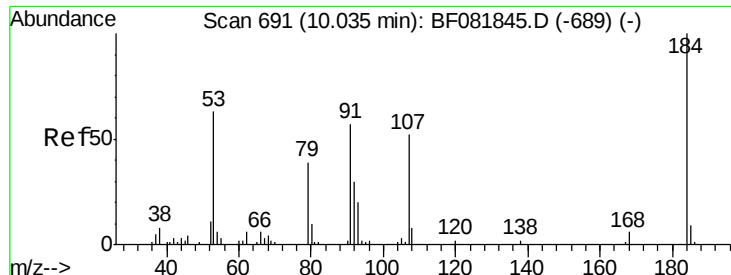


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

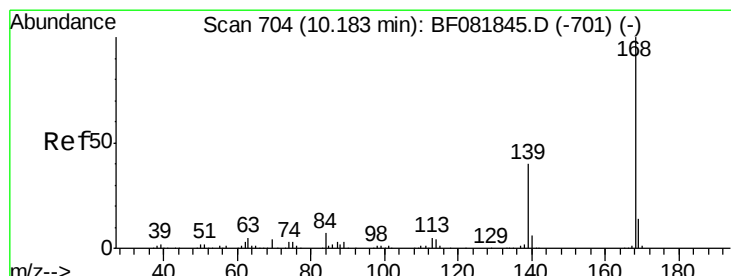
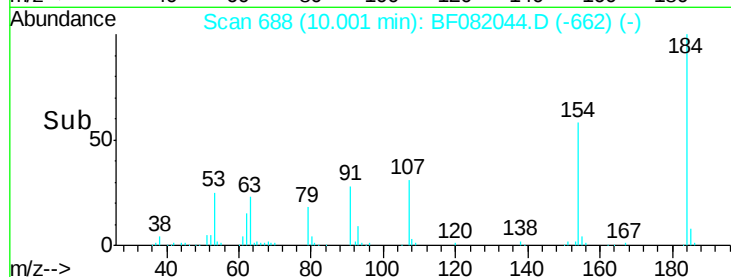
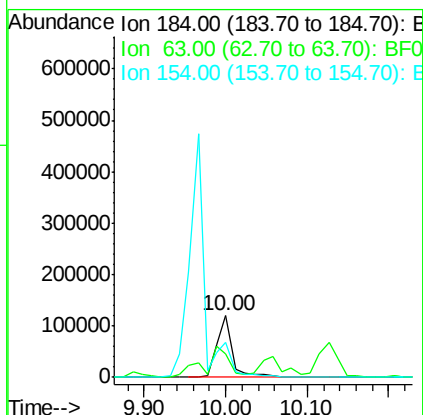
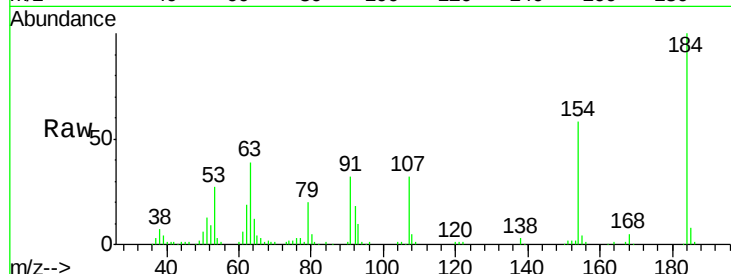




#53
 2,4-Dinitrophenol
 Concen: 94.46 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

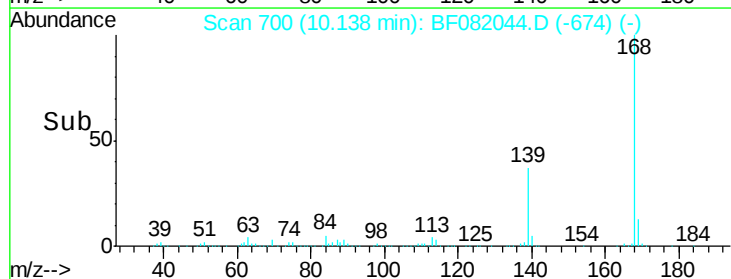
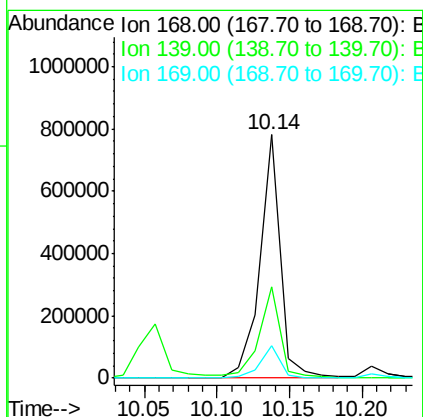
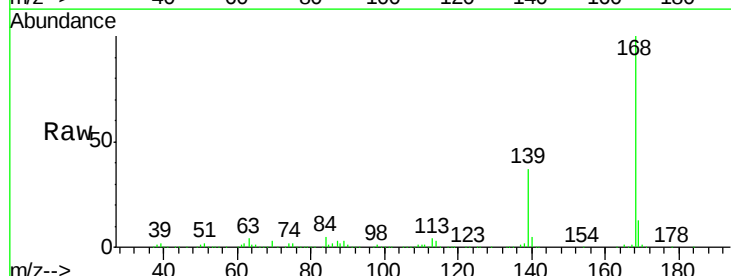
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

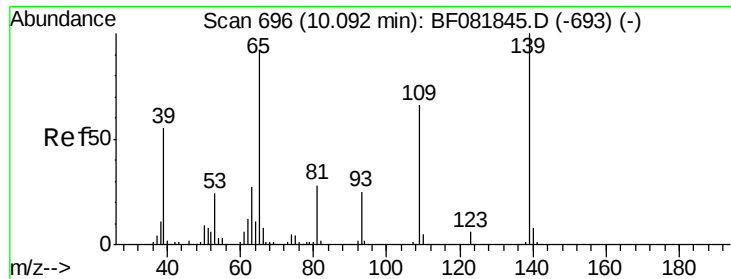
Tgt Ion:184 Resp: 157933
 Ion Ratio Lower Upper
 184 100
 63 39.1 35.4 53.2
 154 57.6 32.2 48.4#



#54
 Dibenzofuran
 Concen: 46.30 ng
 RT: 10.14 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:168 Resp: 765442
 Ion Ratio Lower Upper
 168 100
 139 37.4 24.2 36.2#
 169 13.5 10.6 15.8

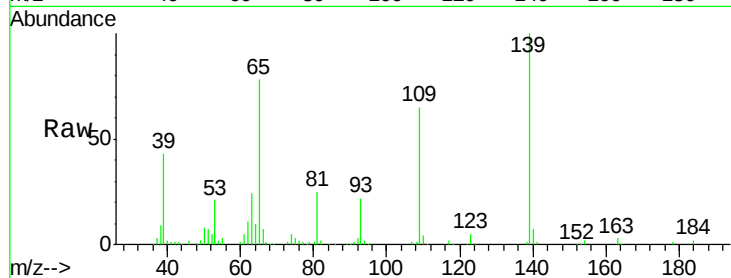




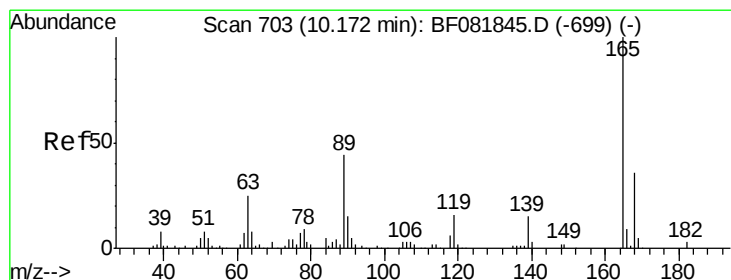
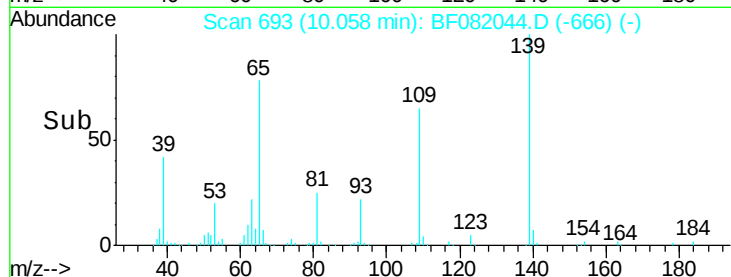
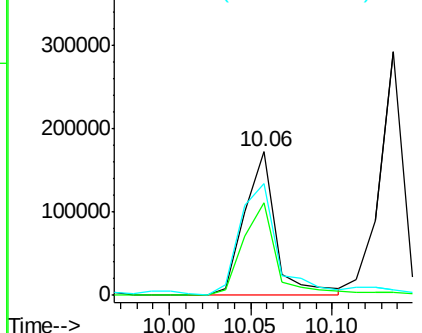
#55
4-Nitrophenol
Concen: 90.83 ng
RT: 10.06 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tgt Ion:139 Resp: 231199
Ion Ratio Lower Upper
139 100
109 64.5 12.7 52.7#
65 78.3 45.9 85.9

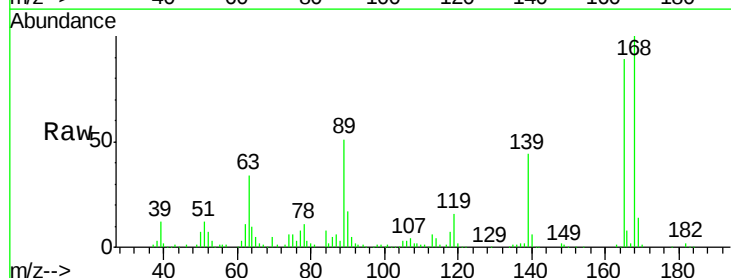


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

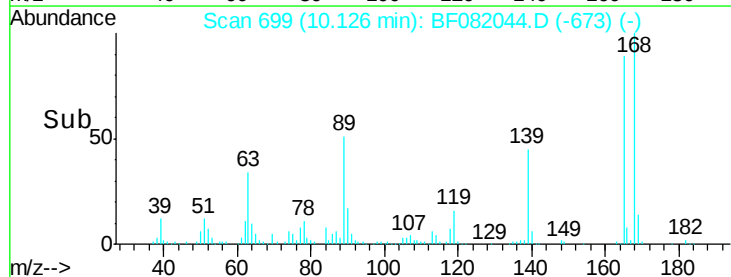
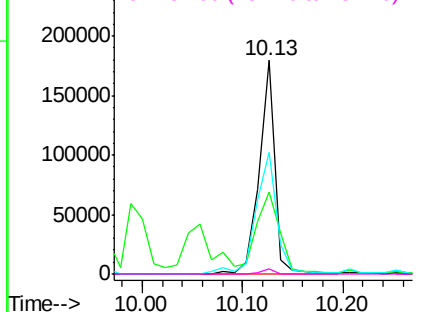


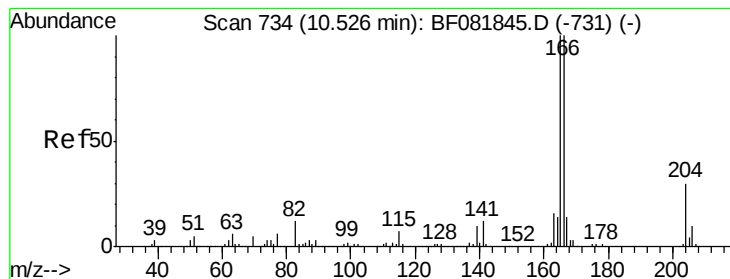
#56
2,4-Dinitrotoluene
Concen: 50.47 ng
RT: 10.13 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:165 Resp: 195903
Ion Ratio Lower Upper
165 100
63 38.3 29.8 44.6
89 56.8 44.5 66.7
182 2.4 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: 51.23 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

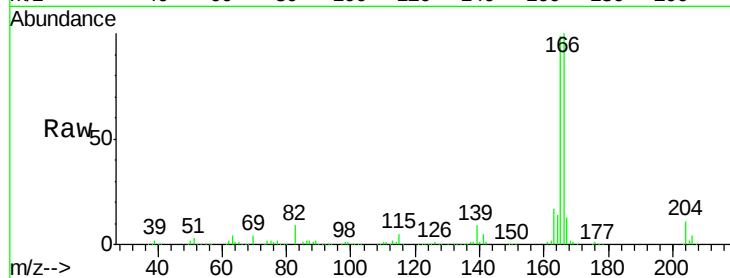
Tgt Ion:166 Resp: 602313

Ion Ratio Lower Upper

166 100

165 98.5 72.6 109.0

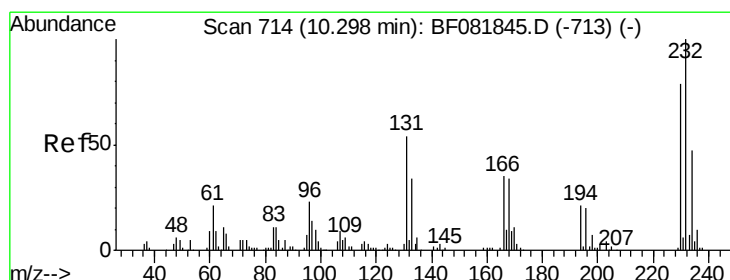
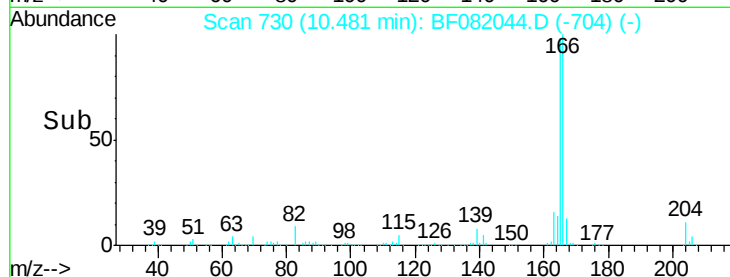
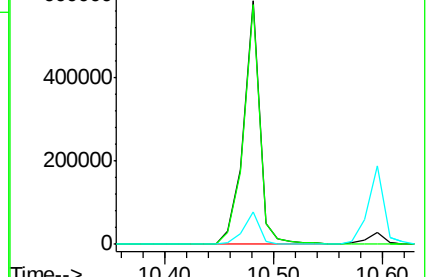
167 13.2 10.6 16.0



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: 48.78 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion:232 Resp: 170165

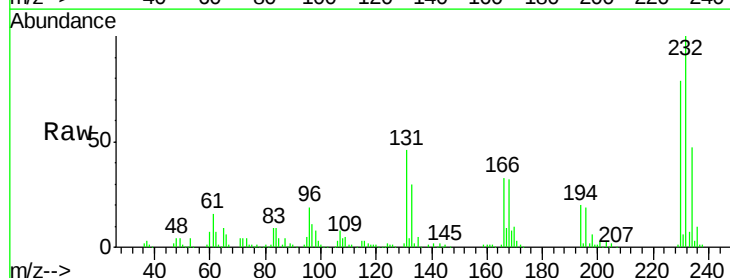
Ion Ratio Lower Upper

232 100

131 43.3 38.5 57.7

130 2.0 1.8 2.6

166 29.6 25.0 37.6

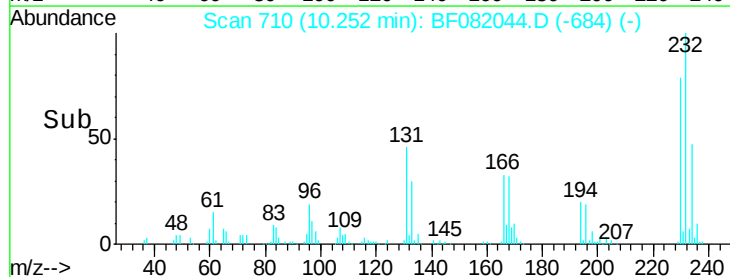
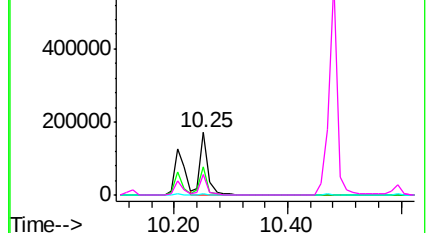


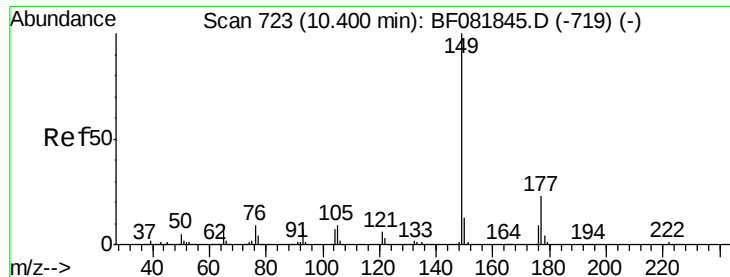
Abundance Ion 232.00 (231.70 to 232.70): E

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

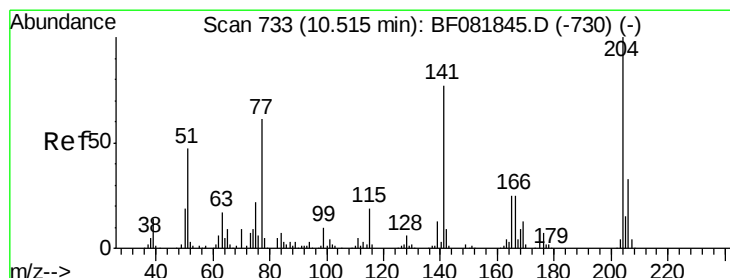
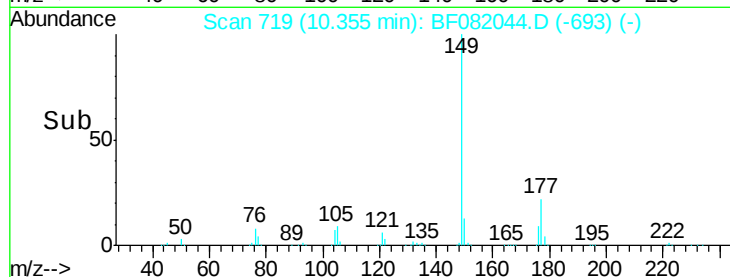
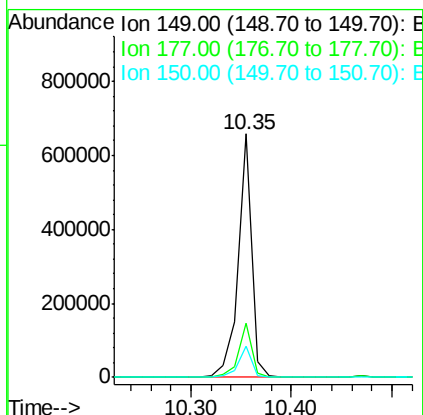
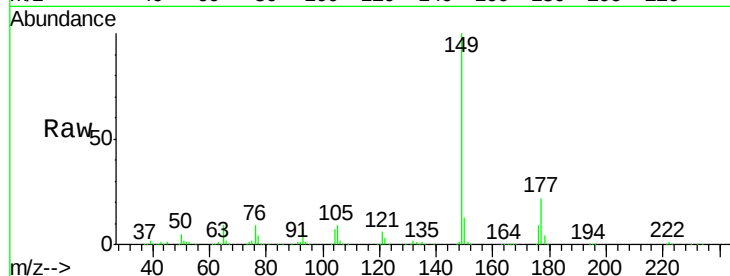




#59
Diethylphthalate
Concen: 46.94 ng
RT: 10.35 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

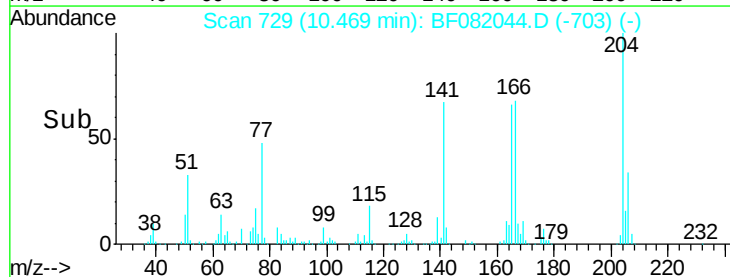
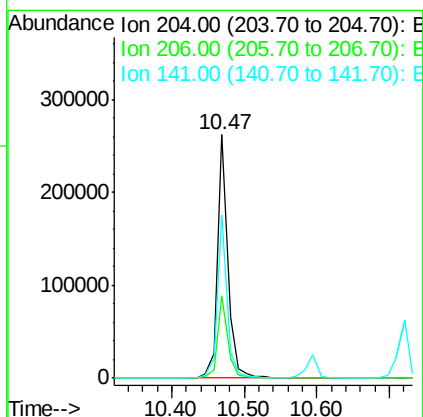
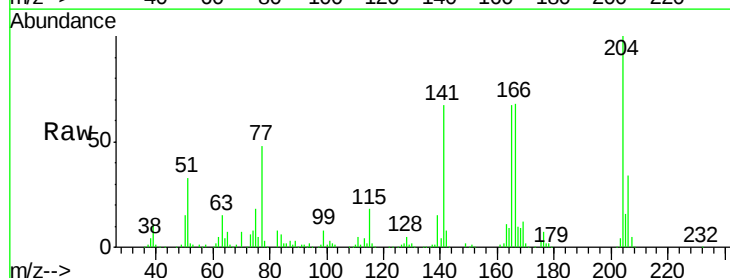
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

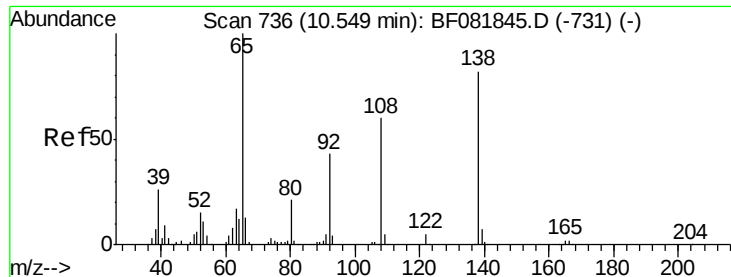
Tgt Ion:149 Resp: 615010
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 12.9 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 43.11 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:204 Resp: 260969
Ion Ratio Lower Upper
204 100
206 33.6 24.8 37.2
141 66.7 42.2 63.4#





#61

4-Nitroaniline

Concen: 40.67 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

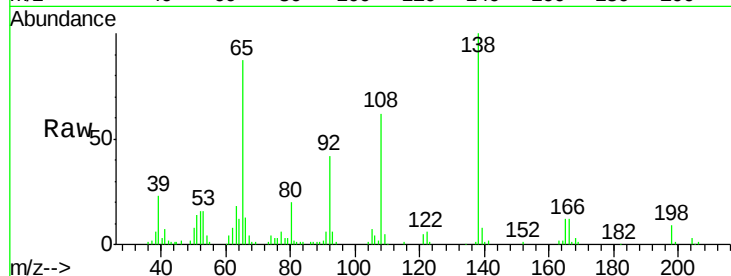
Tgt Ion:138 Resp: 143645

Ion Ratio Lower Upper

138 100

92 42.0 12.6 52.6

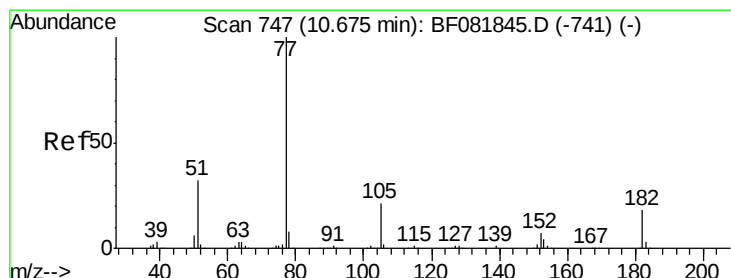
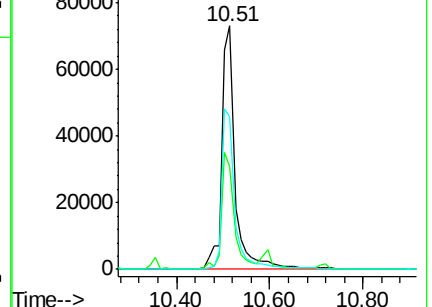
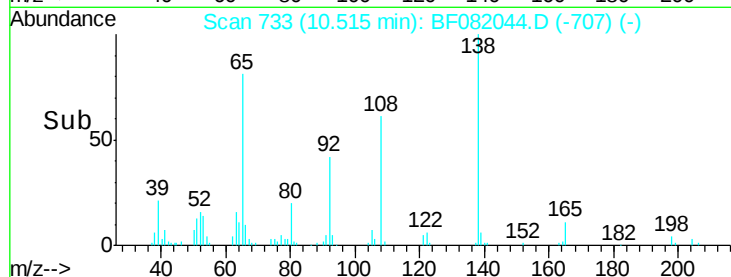
108 62.5 12.4 52.4#



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: 45.97 ng

RT: 10.63 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Tgt Ion: 77 Resp: 587767

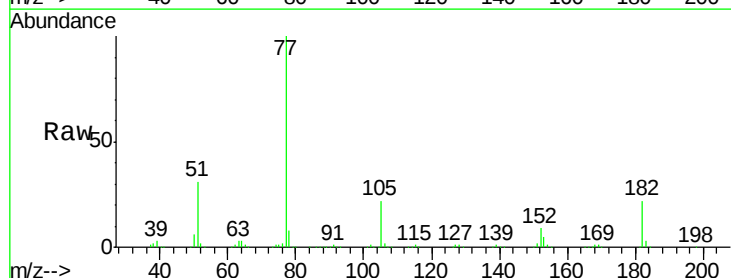
Ion Ratio Lower Upper

77 100

182 22.4 15.1 55.1

105 22.4 3.4 43.4

51 30.6 12.0 52.0

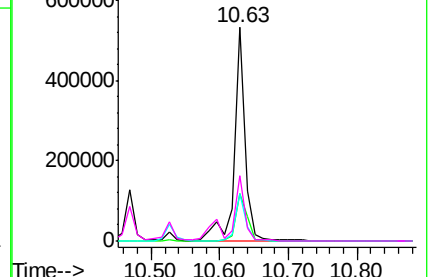
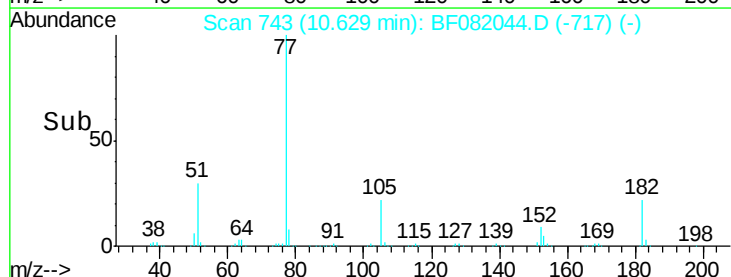


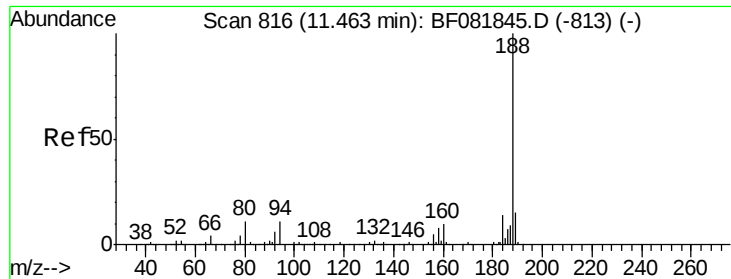
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

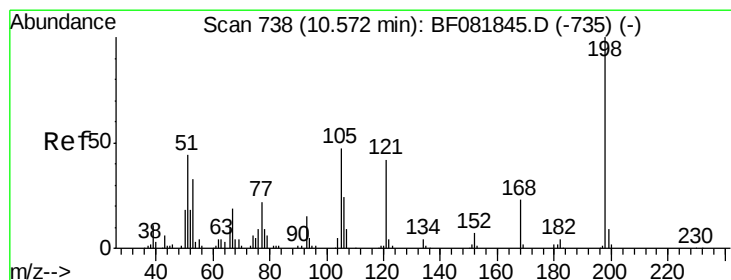
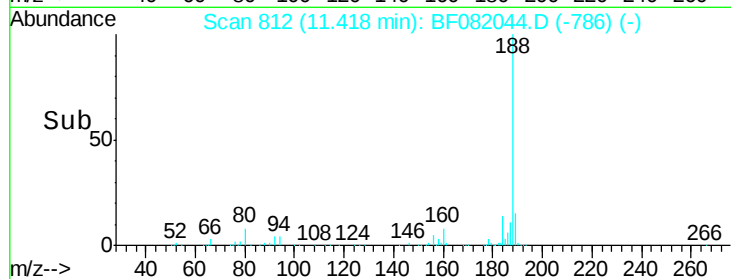
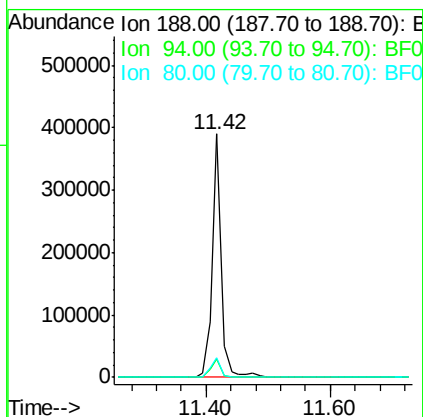
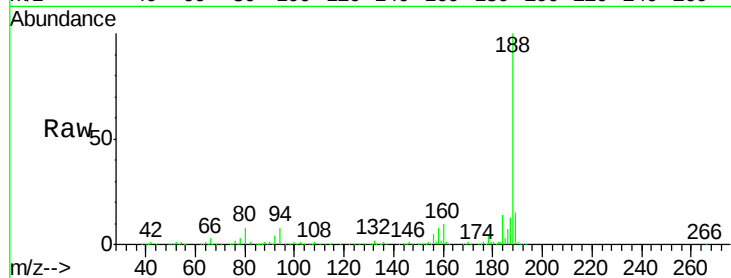




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

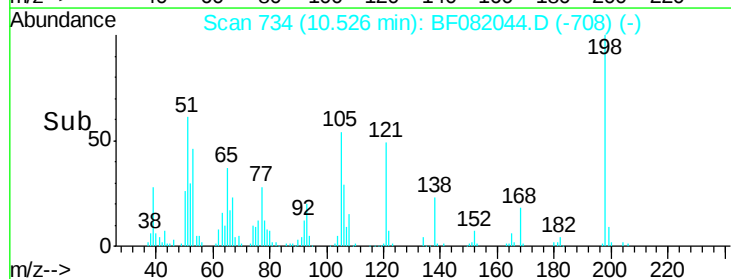
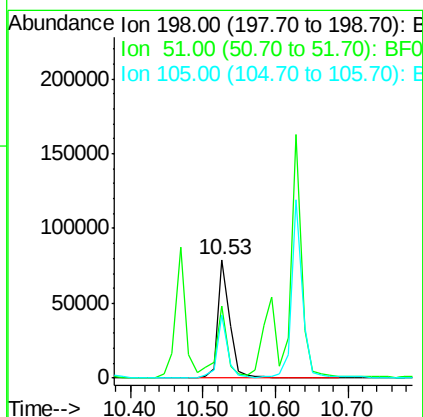
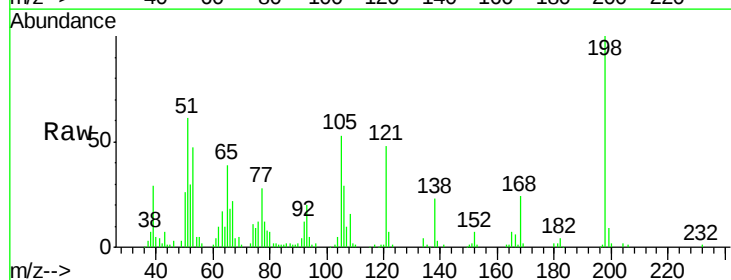
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

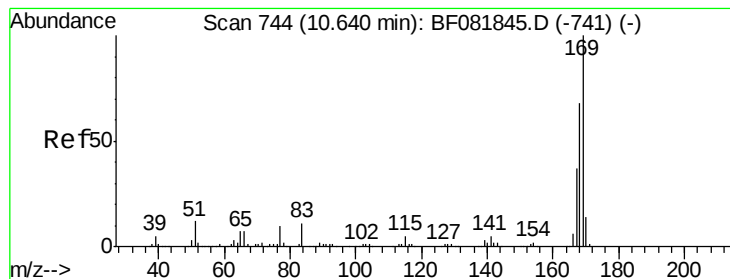
Tgt Ion:188 Resp: 390254
Ion Ratio Lower Upper
188 100
94 7.7 11.1 16.7#
80 8.0 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 51.27 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:198 Resp: 92257
Ion Ratio Lower Upper
198 100
51 61.3 39.6 79.6
105 53.2 28.5 68.5

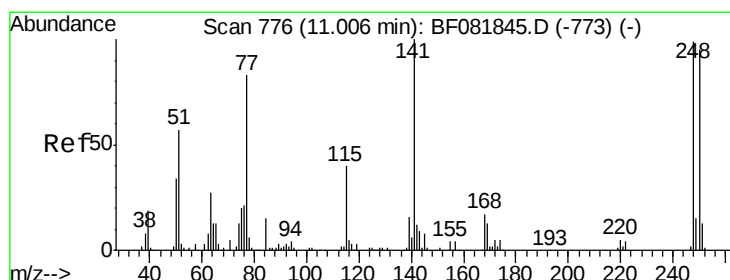
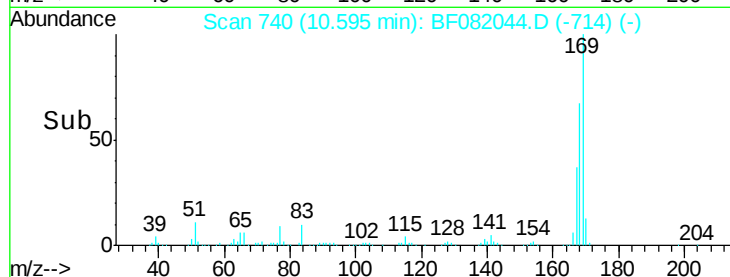
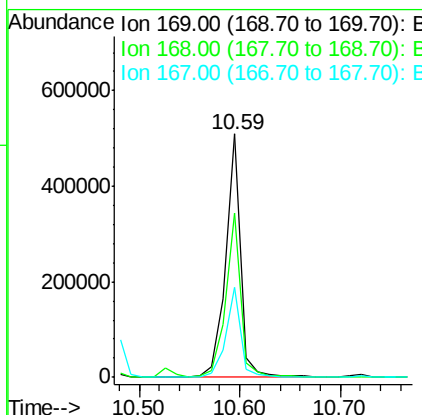
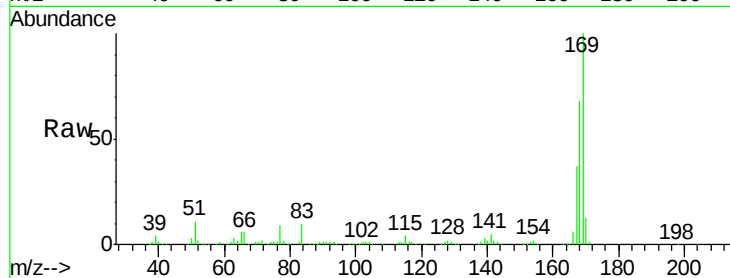




#65
n-Nitrosodiphenylamine
Concen: 44.85 ng
RT: 10.59 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

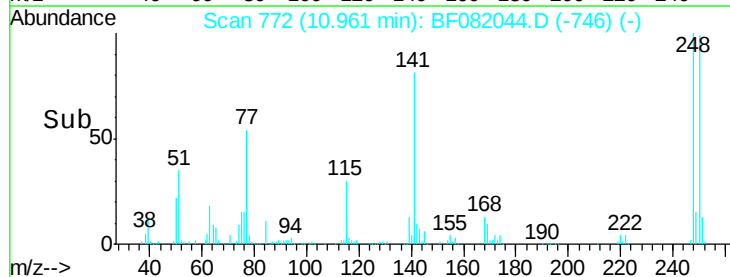
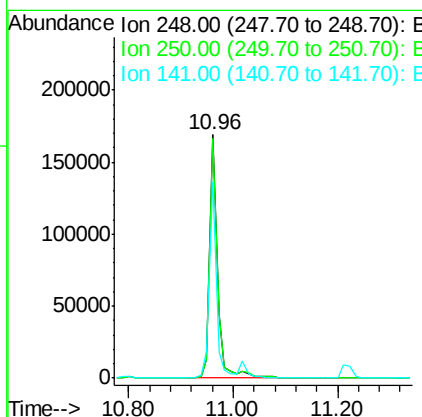
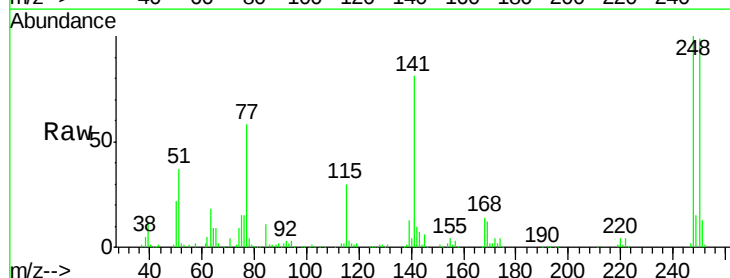
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

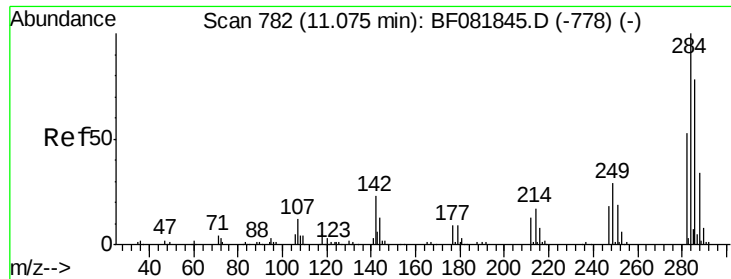
Tgt Ion:169 Resp: 529531
Ion Ratio Lower Upper
169 100
168 67.6 48.9 73.3
167 37.2 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 45.03 ng
RT: 10.96 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:248 Resp: 177184
Ion Ratio Lower Upper
248 100
250 98.6 78.5 117.7
141 80.7 59.0 88.6

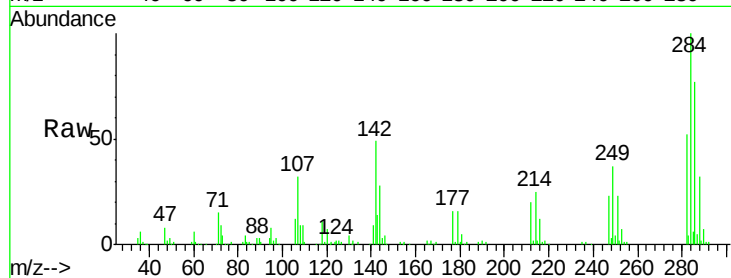




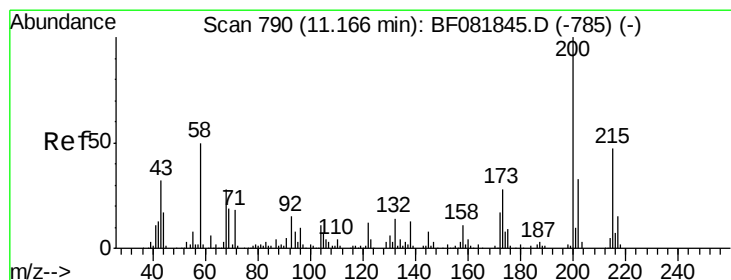
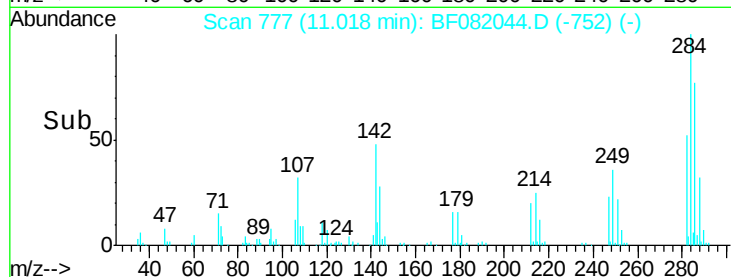
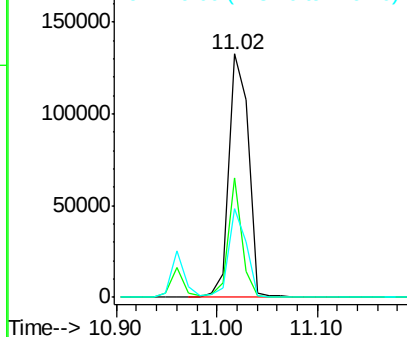
#67
Hexachlorobenzene
Concen: 40.16 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Instrument :
BNA_F
ClientSampleId :
PB85905BSD

Tgt Ion:284 Resp: 178325
Ion Ratio Lower Upper
284 100
142 48.9 29.5 44.3#
249 36.7 19.5 29.3#

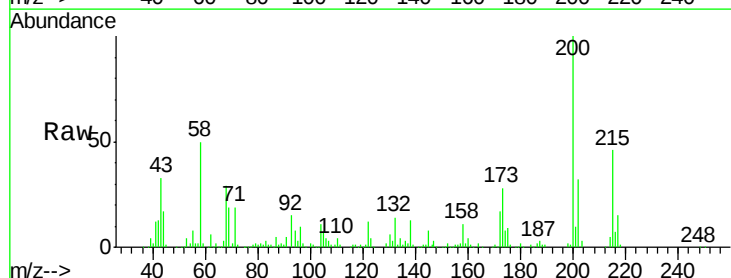


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

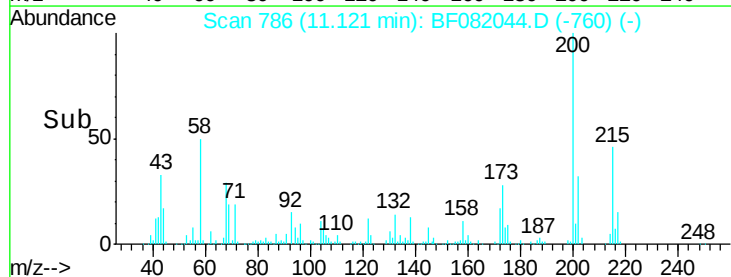
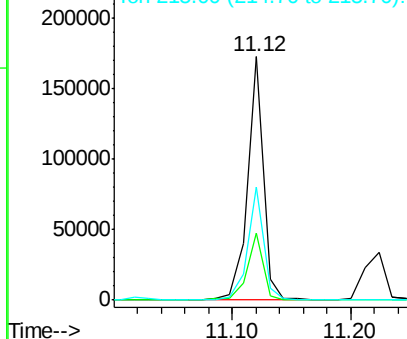


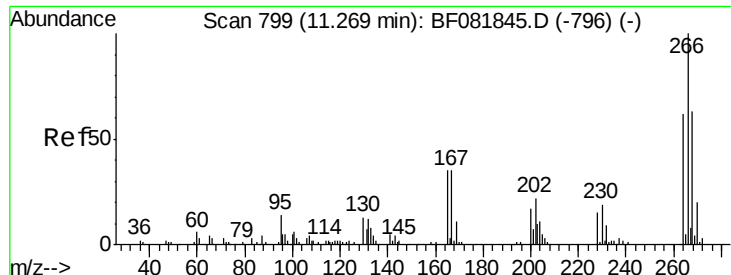
#68
Atrazine
Concen: 44.44 ng
RT: 11.12 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:200 Resp: 162797
Ion Ratio Lower Upper
200 100
173 27.6 13.2 53.2
215 46.4 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

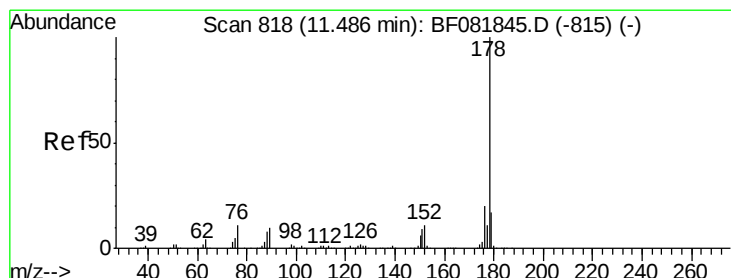
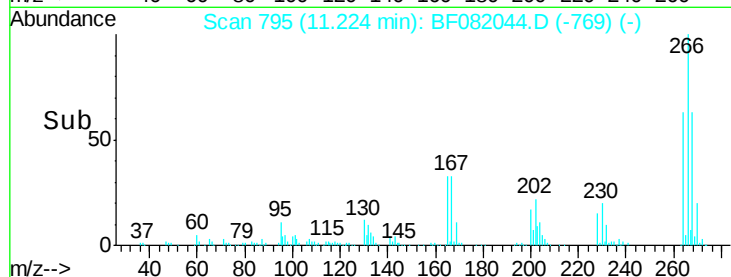
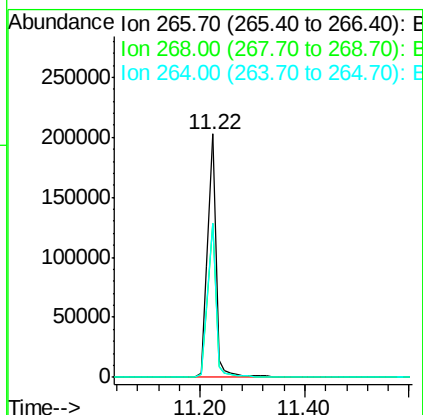
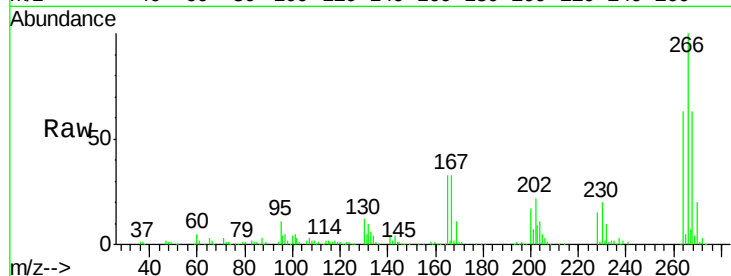




#69
 Pentachlorophenol
 Concen: 91.41 ng
 RT: 11.22 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

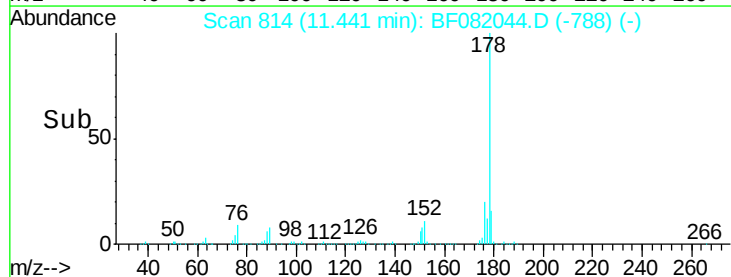
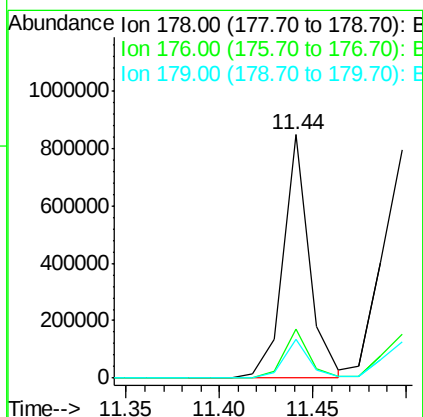
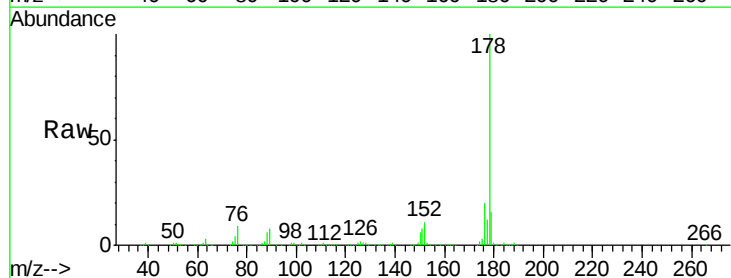
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

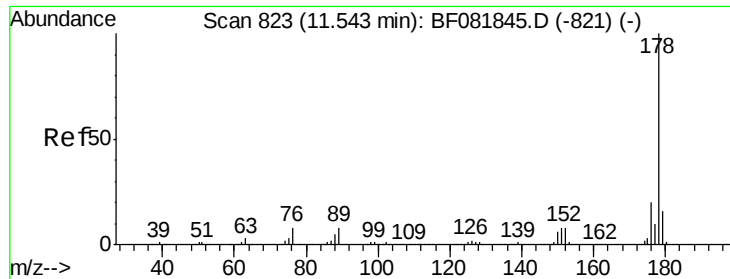
Tgt Ion:266 Resp: 231288
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 63.2 50.2 75.2



#70
 Phenanthrene
 Concen: 43.92 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:178 Resp: 825639
 Ion Ratio Lower Upper
 178 100
 176 20.3 13.8 20.8
 179 16.1 12.2 18.2

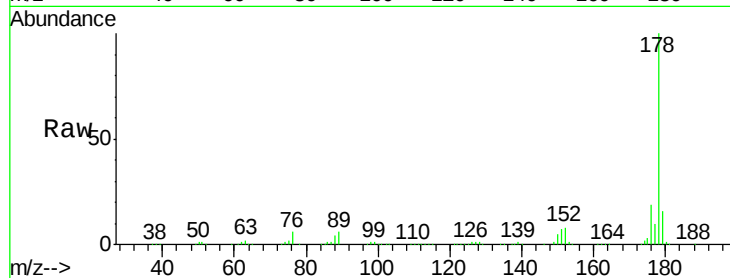




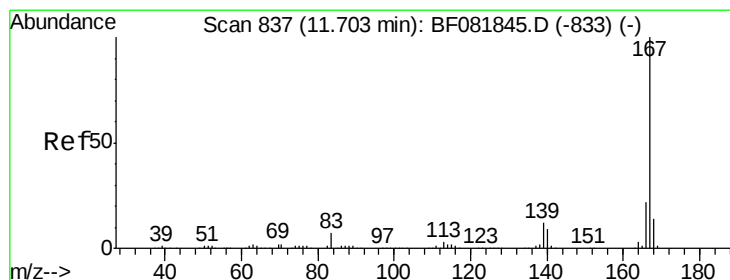
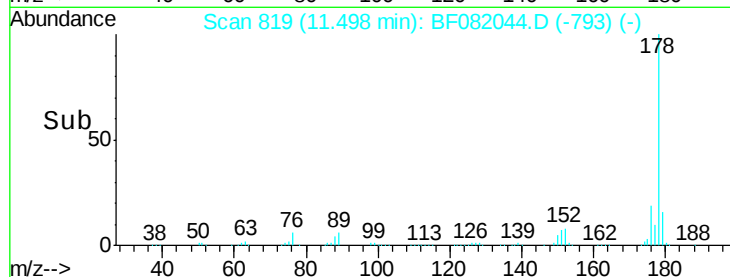
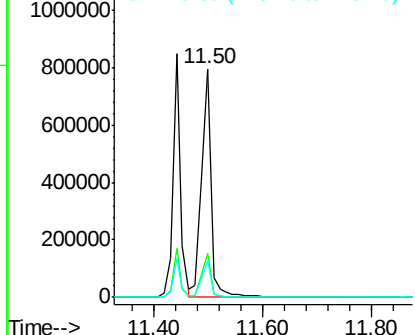
#71
 Anthracene
 Concen: 48.38 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

Tgt Ion:178 Resp: 959573
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.1 21.1
 179 15.6 12.2 18.2

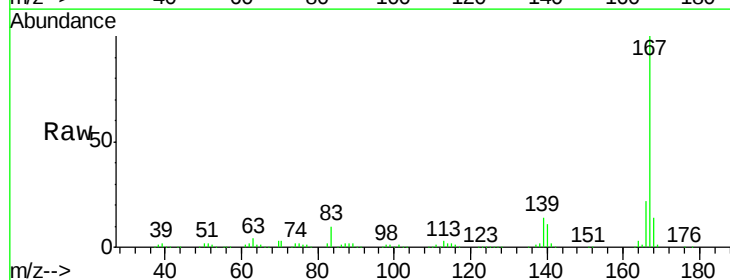


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

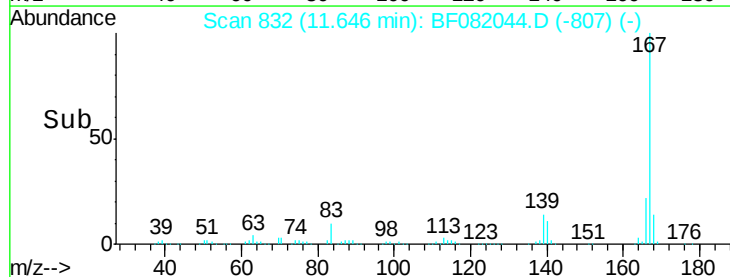
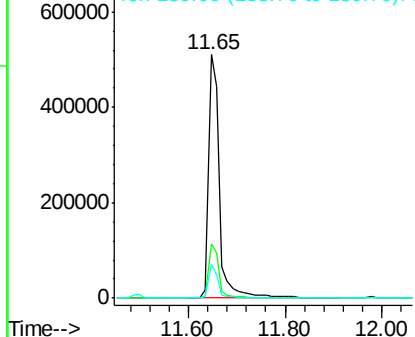


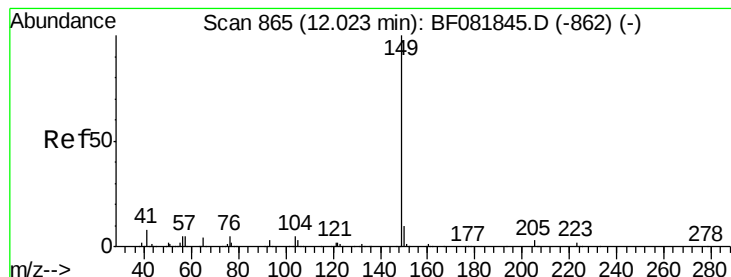
#72
 Carbazole
 Concen: 44.66 ng
 RT: 11.65 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:167 Resp: 801719
 Ion Ratio Lower Upper
 167 100
 166 22.1 15.7 23.5
 139 14.0 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: 51.04 ng

RT: 11.98 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

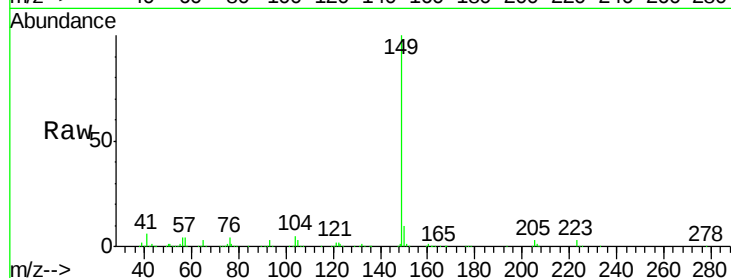
Tgt Ion:149 Resp: 929966

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

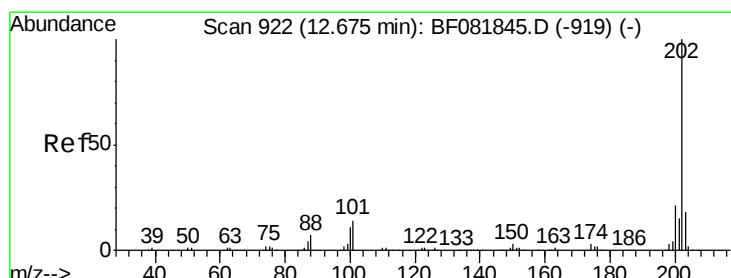
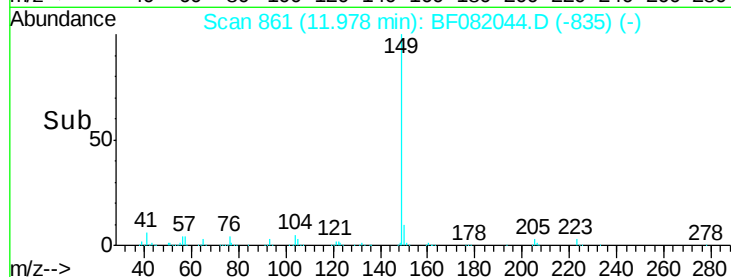
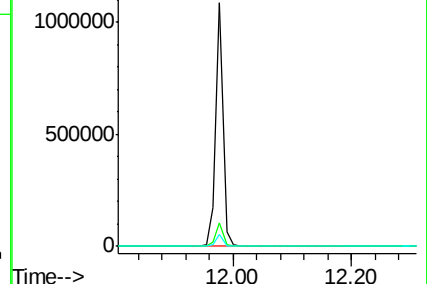
104 4.7 2.4 3.6#



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: 44.10 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

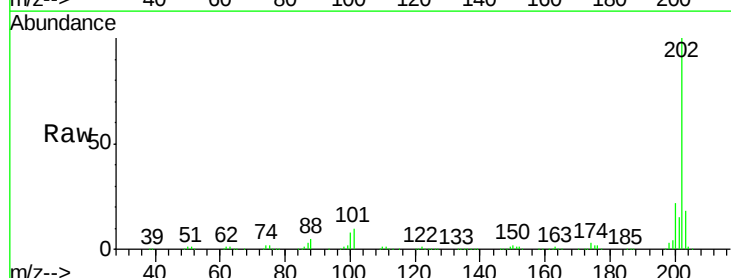
Tgt Ion:202 Resp: 921945

Ion Ratio Lower Upper

202 100

101 10.5 0.0 38.3

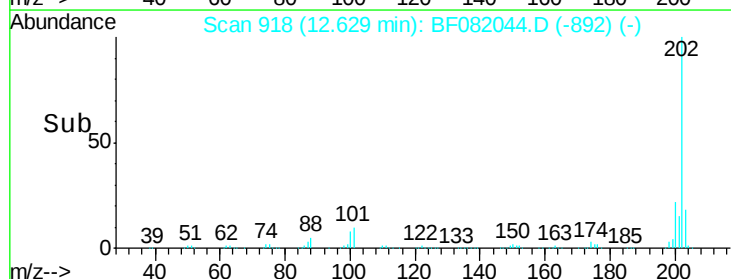
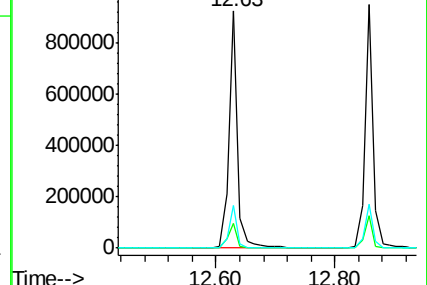
203 18.1 0.0 37.3

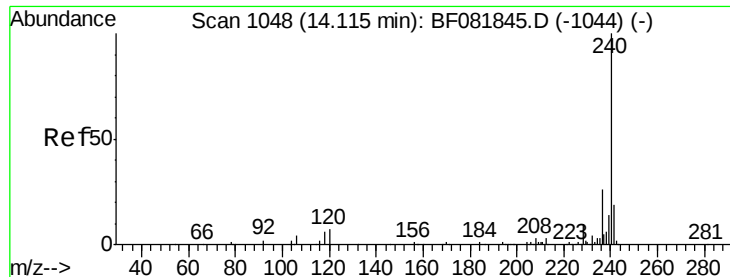


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

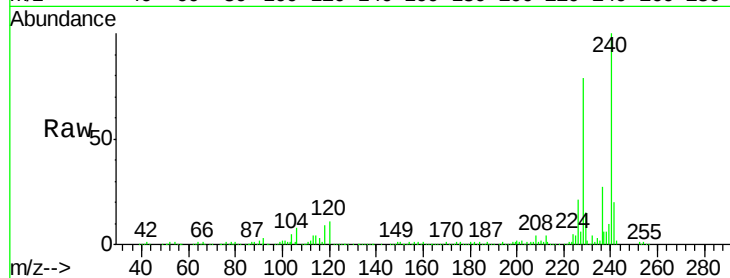
Tgt Ion:240 Resp: 347381

Ion Ratio Lower Upper

240 100

120 10.8 16.2 24.2#

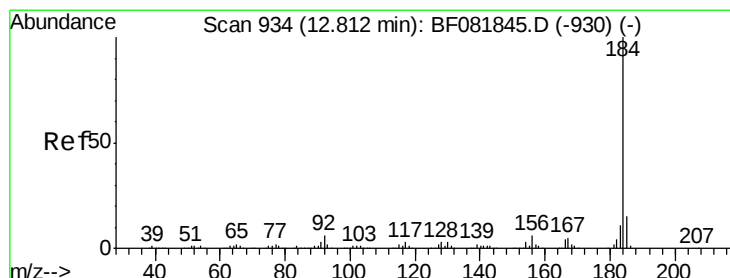
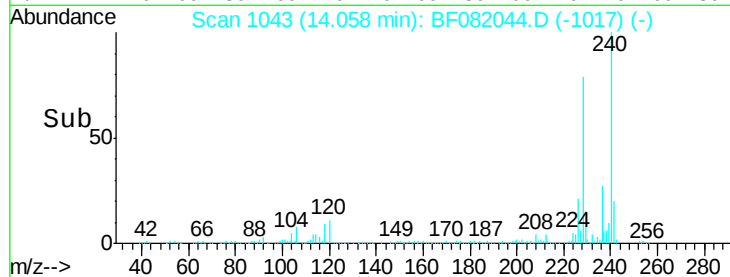
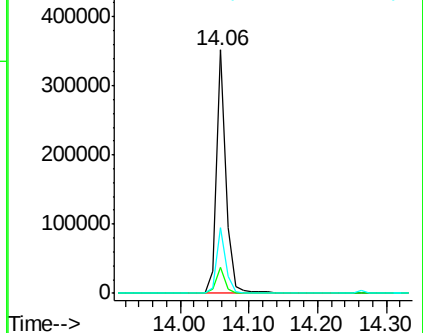
236 26.8 18.4 27.6



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: 29.45 ng

RT: 12.76 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

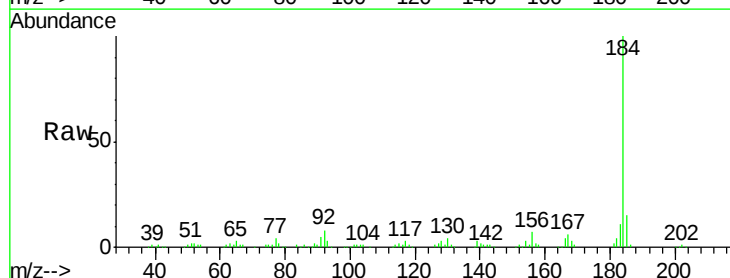
Tgt Ion:184 Resp: 308266

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

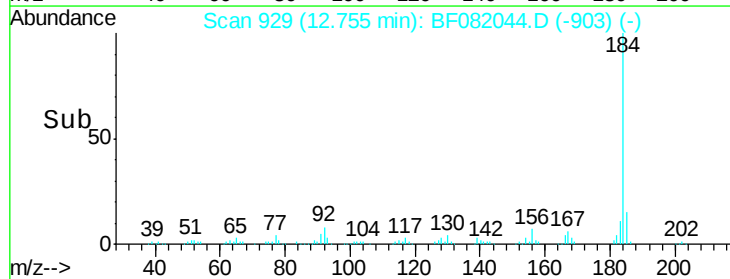
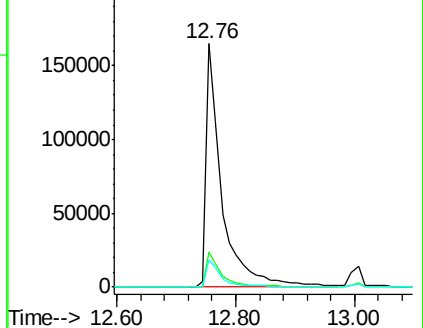
183 11.4 7.6 11.4

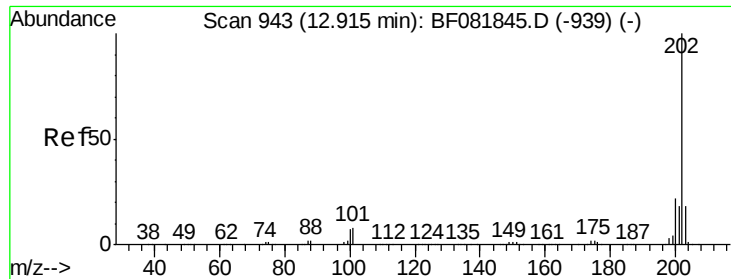


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

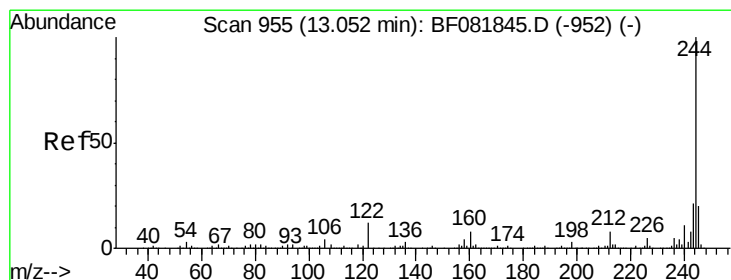
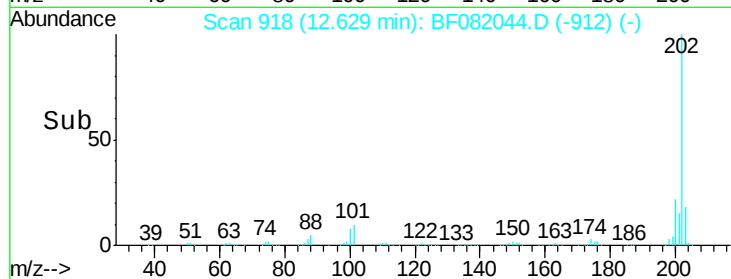
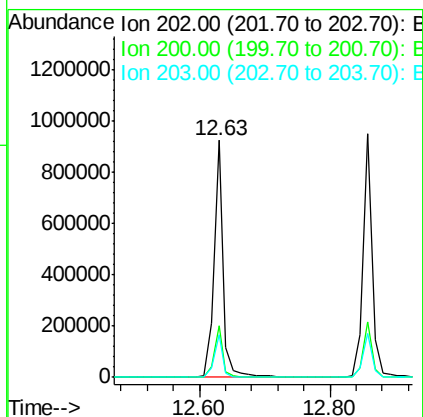
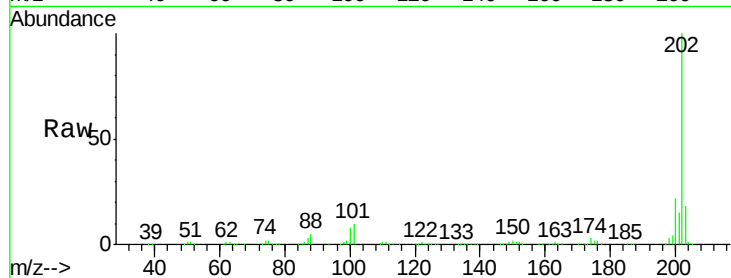




#77
 Pyrene
 Concen: 43.66 ng
 RT: 12.63 min Scan# 918
 Delta R.T. -0.23 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

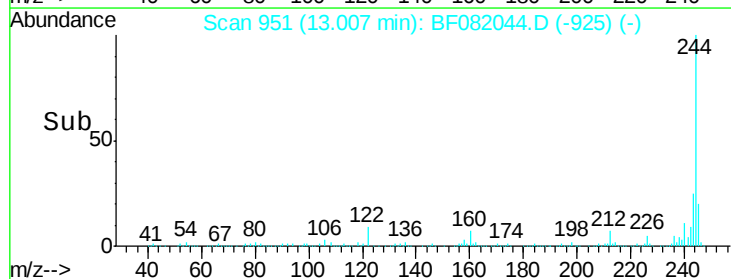
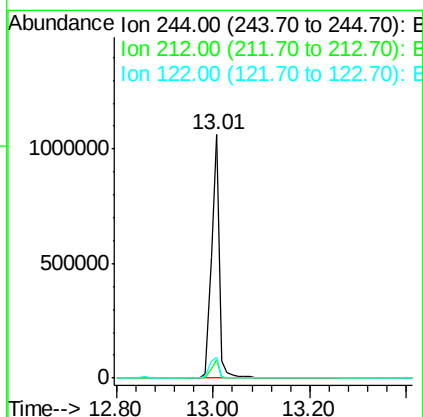
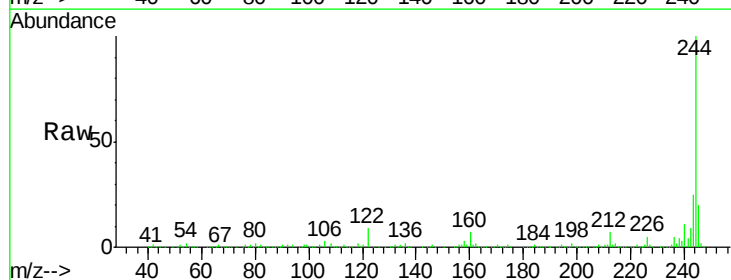
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

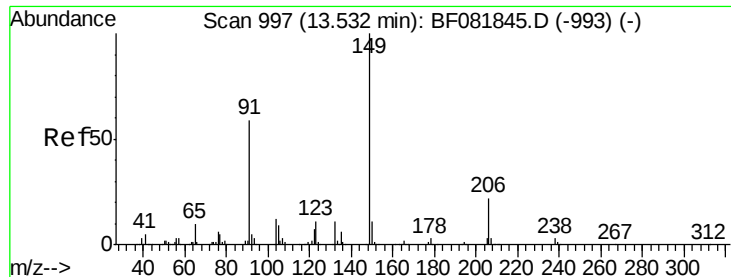
Tgt Ion: 202 Resp: 906042
 Ion Ratio Lower Upper
 202 100
 200 21.9 15.0 22.4
 203 18.1 14.1 21.1



#78
 Terphenyl-d14
 Concen: 133.33 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion: 244 Resp: 1216588
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 8.6 17.4 26.2#

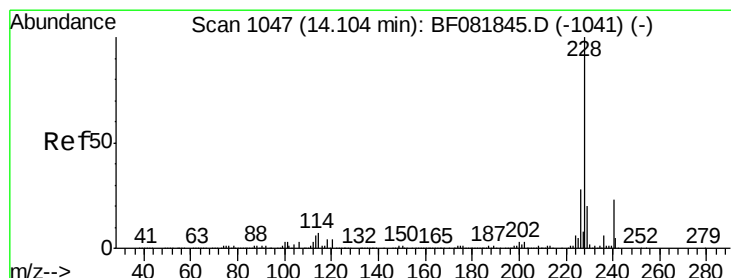
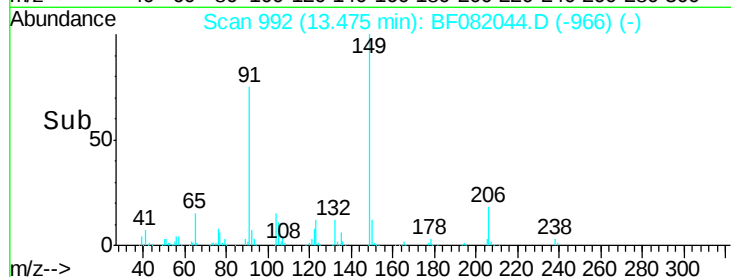
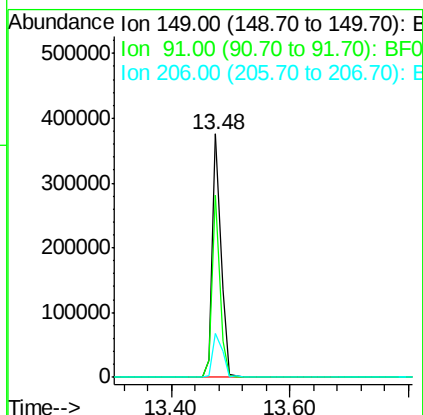
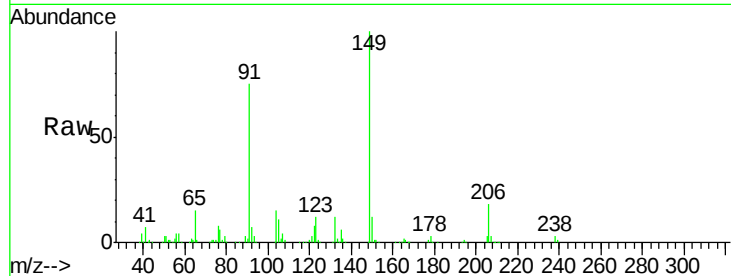




#79
Butylbenzylphthalate
Concen: 48.53 ng
RT: 13.48 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

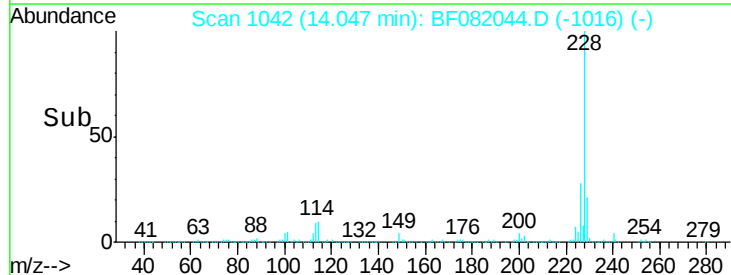
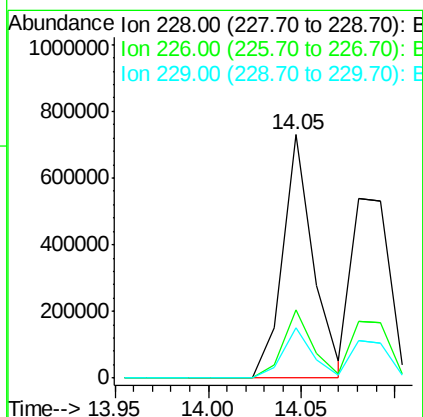
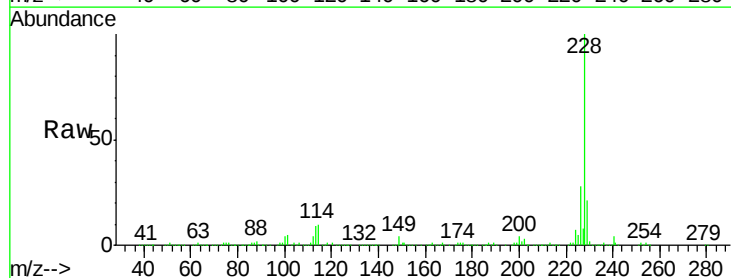
Instrument :
BNA_F
ClientSampleId :
PB85905BSD

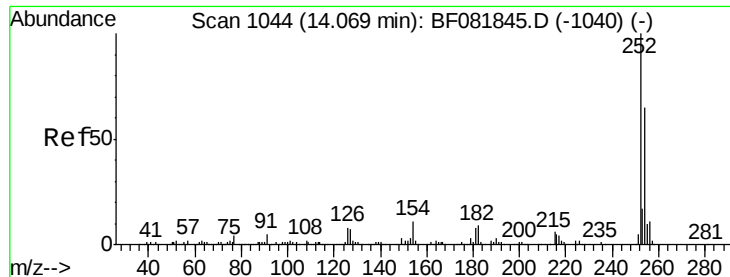
Tgt Ion:149 Resp: 378961
Ion Ratio Lower Upper
149 100
91 74.8 48.6 72.8#
206 18.0 14.9 22.3



#80
Benzo(a)anthracene
Concen: 44.48 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF082044.D
Acq: 5 Oct 2015 14:21

Tgt Ion:228 Resp: 832135
Ion Ratio Lower Upper
228 100
226 28.2 20.0 30.0
229 20.6 15.4 23.2

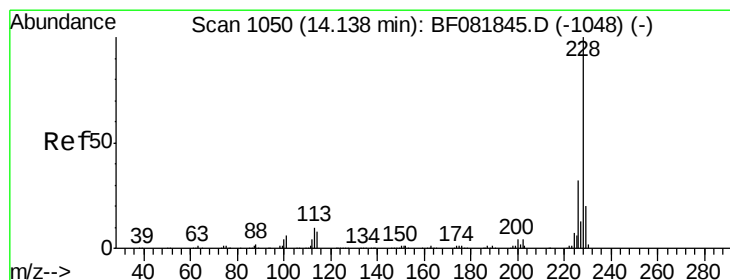
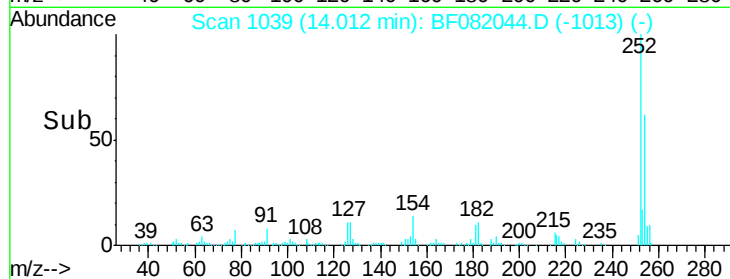
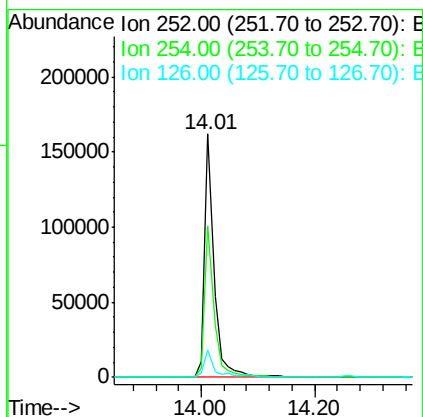
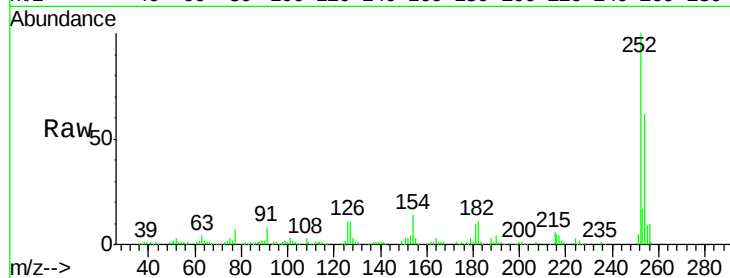




#81
 3,3'-Dichlorobenzidine
 Concen: 28.66 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

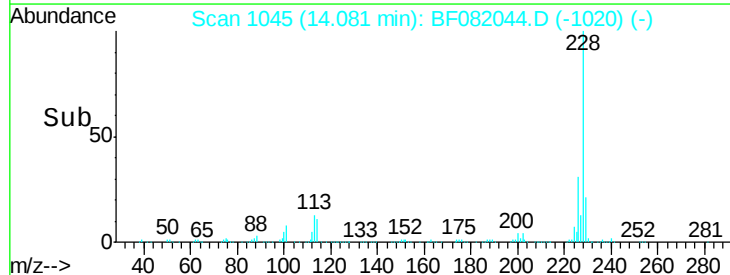
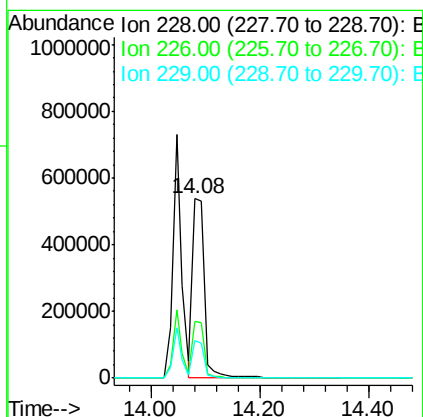
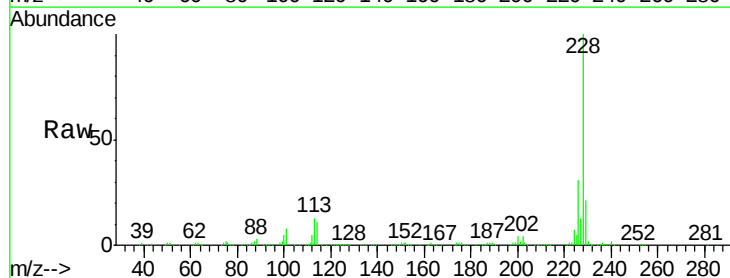
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

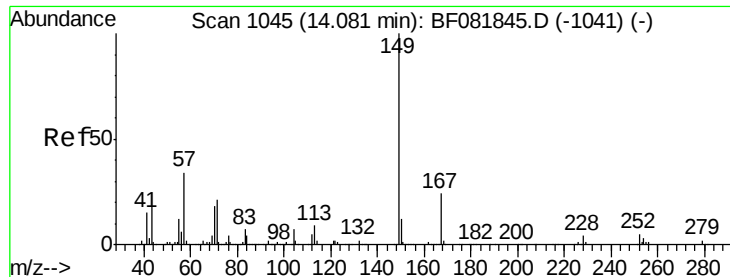
Tgt Ion:252 Resp: 181075
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.4 77.2
 126 11.0 16.4 24.6#



#82
 Chrysene
 Concen: 60.43 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:228 Resp: 810739
 Ion Ratio Lower Upper
 228 100
 226 31.4 21.0 31.4
 229 20.7 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.10 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

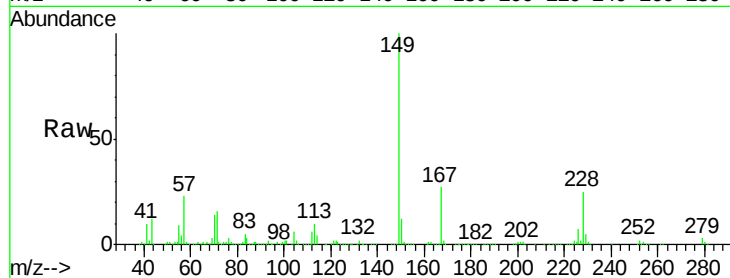
Tgt Ion:149 Resp: 539694

Ion Ratio Lower Upper

149 100

167 26.9 24.2 36.2

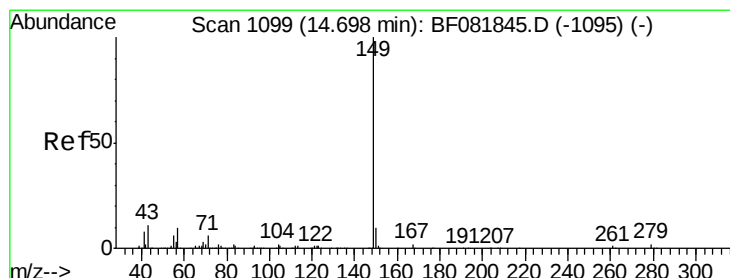
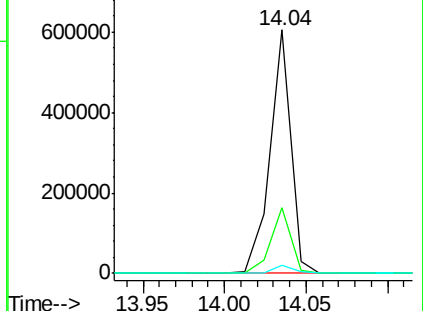
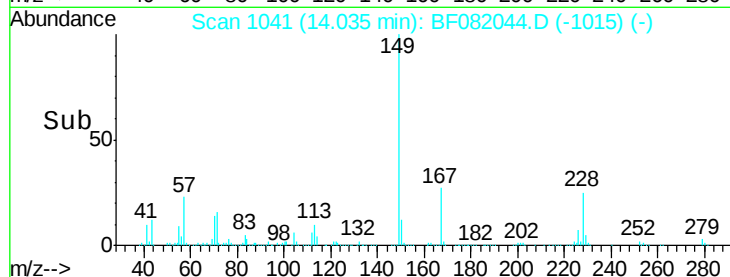
279 3.4 3.8 5.6#



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: 57.22 ng

RT: 14.65 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

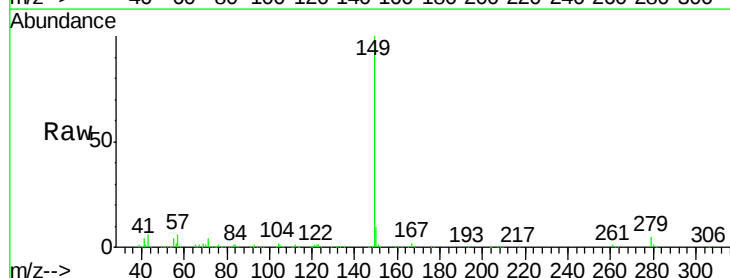
Tgt Ion:149 Resp: 912176

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

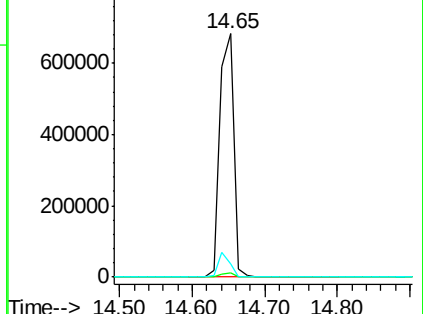
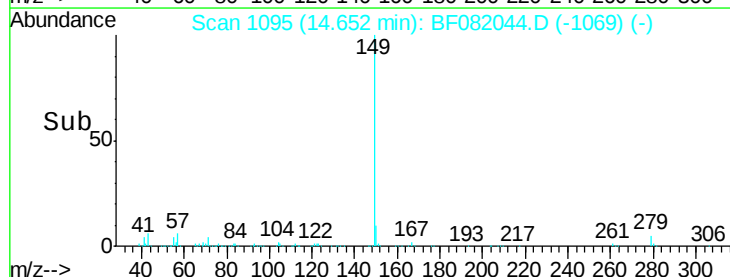
43 8.7 10.2 15.2#

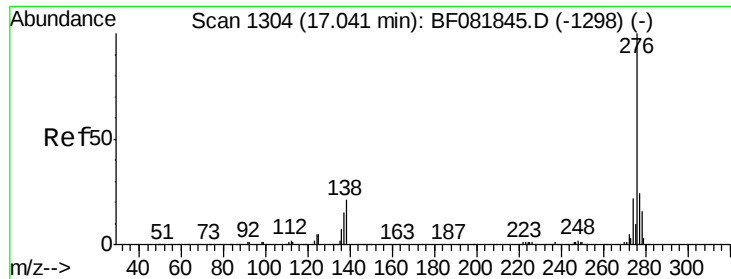


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

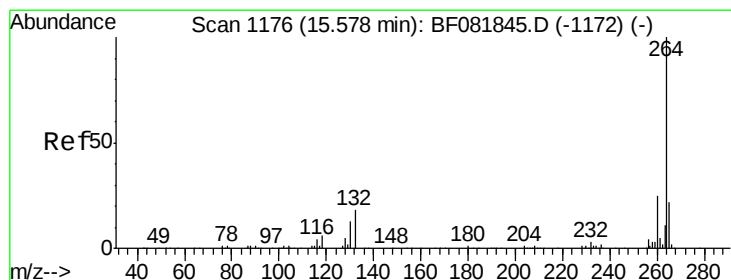
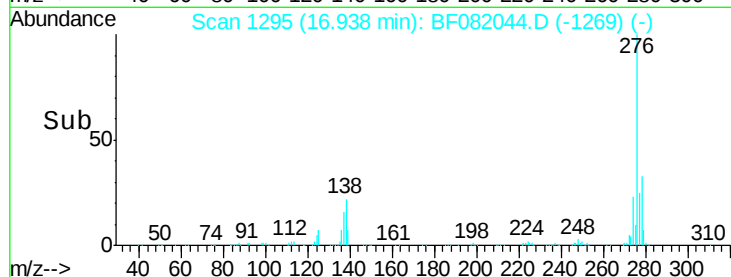
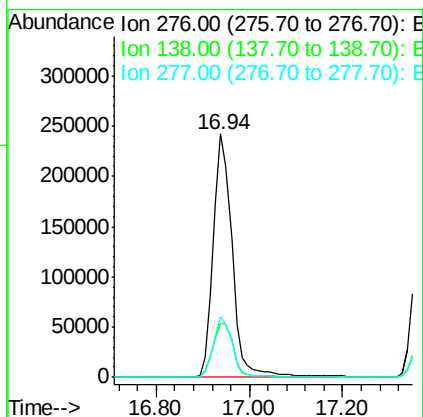
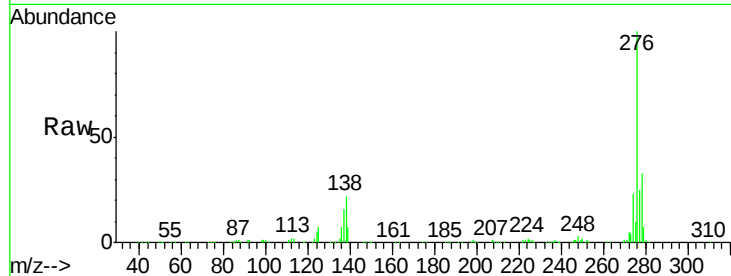




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.92 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

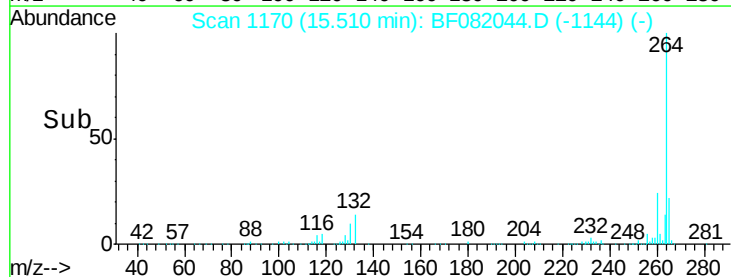
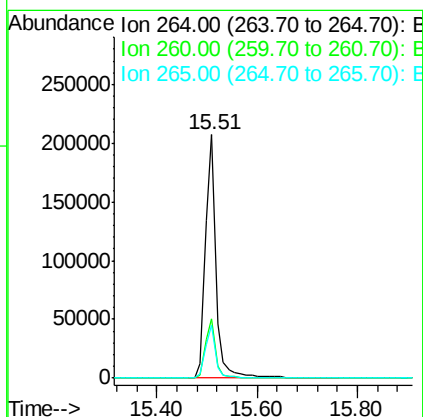
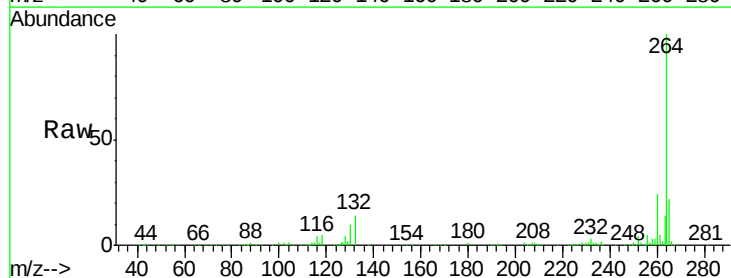
Instrument :
 BNA_F
 ClientSampleId :
 PB85905BSD

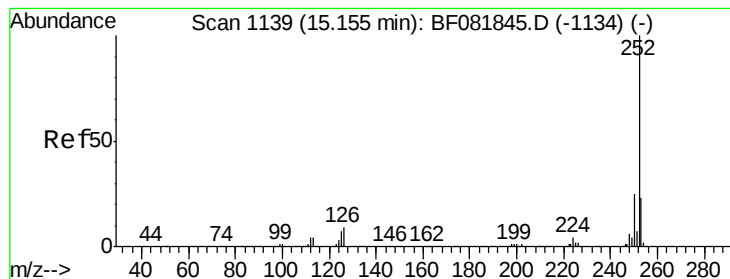
Tgt Ion:276 Resp: 686624
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.7 38.5#
 277 25.0 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082044.D
 Acq: 5 Oct 2015 14:21

Tgt Ion:264 Resp: 305551
 Ion Ratio Lower Upper
 264 100
 260 24.3 16.7 25.1
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 90.12 ng

RT: 15.12 min Scan# 1136

Delta R.T. 0.03 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

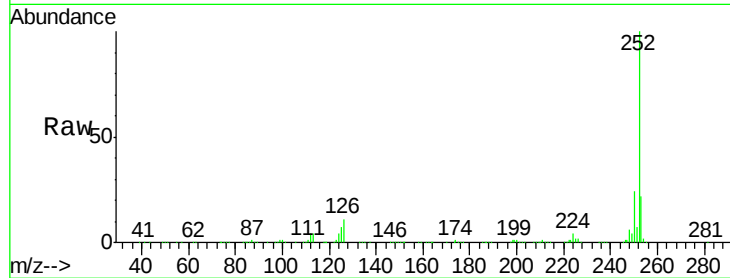
Tgt Ion:252 Resp: 1572076

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

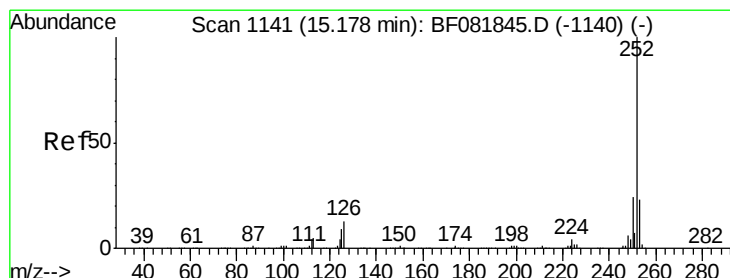
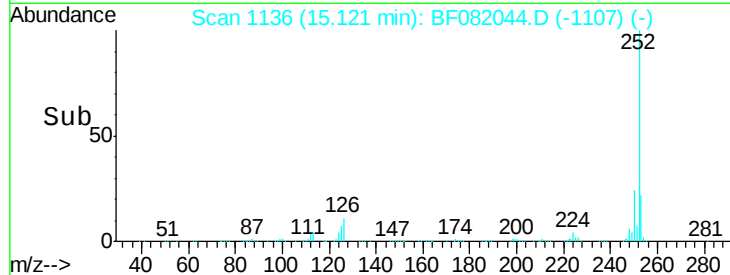
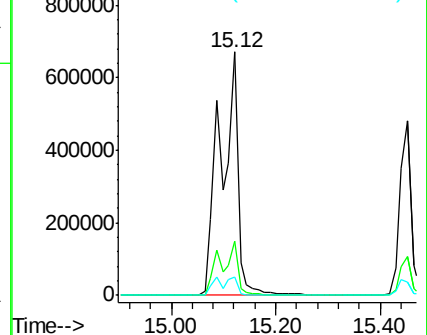
125 7.3 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 98.55 ng

RT: 15.12 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

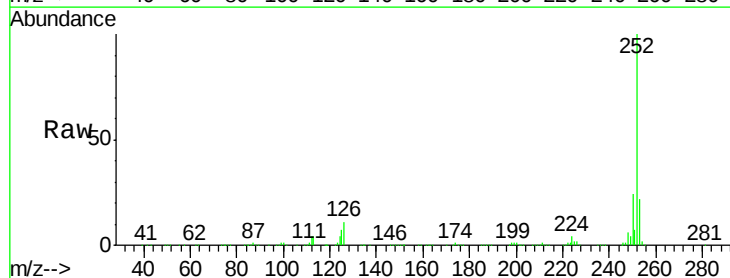
Tgt Ion:252 Resp: 1575711

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

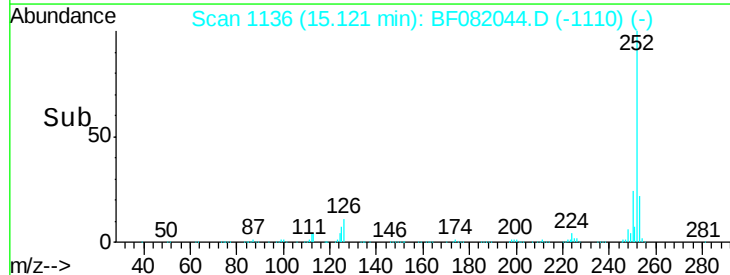
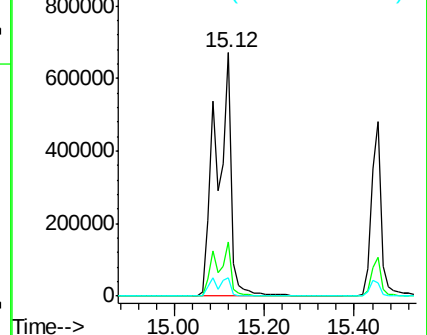
125 7.3 16.0 24.0#

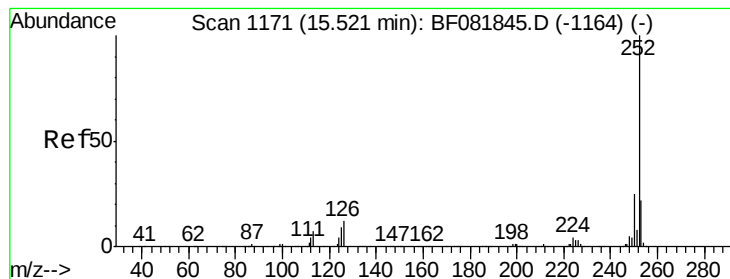


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.88 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD

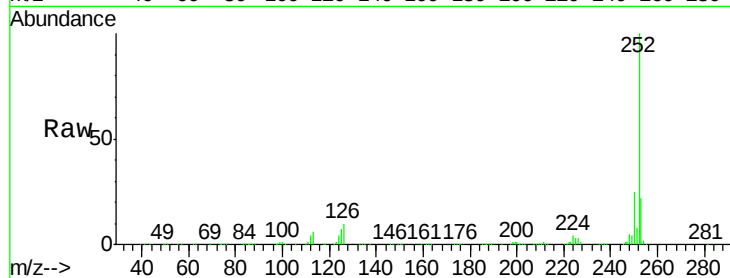
Tgt Ion:252 Resp: 739618

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

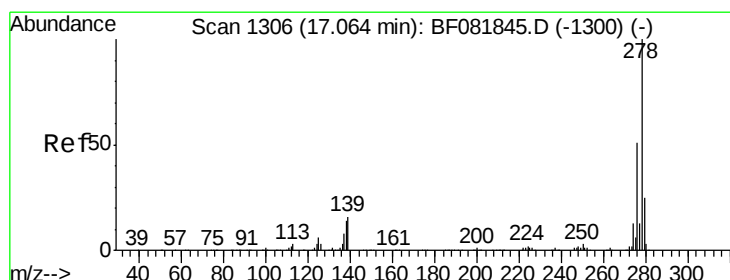
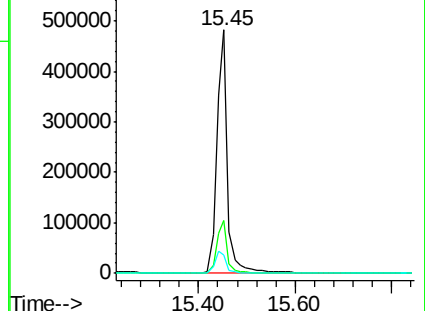
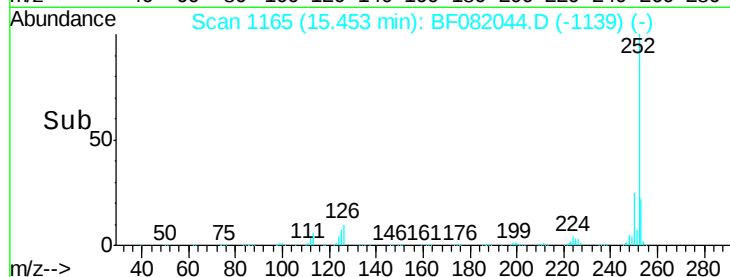
125 7.4 18.0 27.0#



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: 45.55 ng

RT: 16.96 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF082044.D

Acq: 5 Oct 2015 14:21

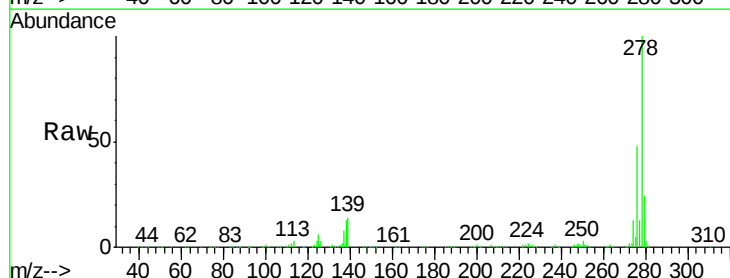
Tgt Ion:278 Resp: 578269

Ion Ratio Lower Upper

278 100

139 14.0 26.3 39.5#

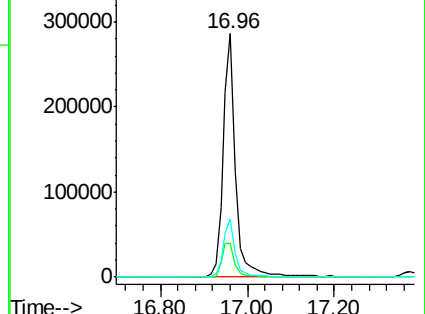
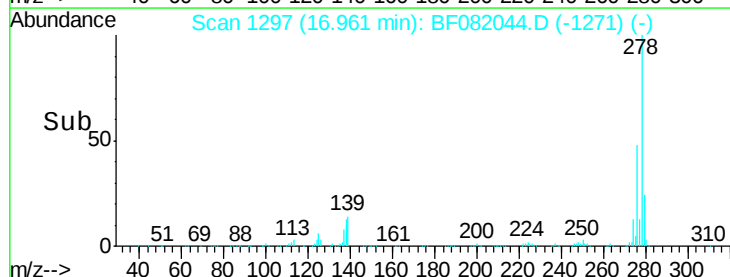
279 23.7 18.2 27.4

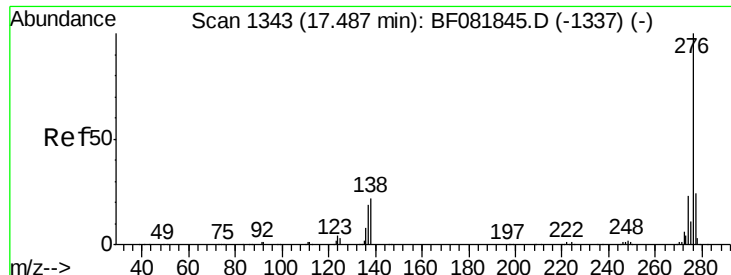


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.18 ng

RT: 17.37 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF082044.D

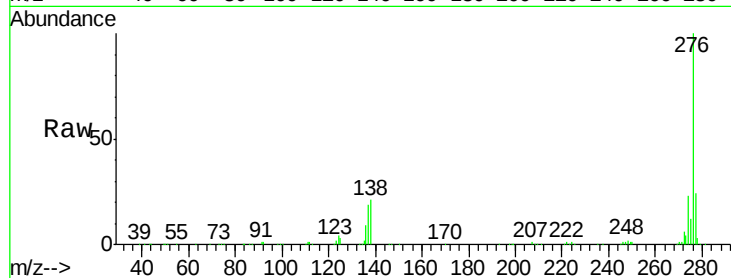
Acq: 5 Oct 2015 14:21

Instrument :

BNA_F

ClientSampleId :

PB85905BSD



Tgt Ion:	276	Resp:	548853
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.8	26.6
138	21.5	34.6	51.8#

