

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082082.D
 Acq On : 6 Oct 2015 14:05
 Operator : UM/IZ
 Sample : PB85944BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Quant Time: Oct 07 02:03:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	86443	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	349803	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	177352	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	356752	20.00	ng	0.00
75) Chrysene-d12	14.06	240	332390	20.00	ng	-0.01
86) Perylene-d12	15.51	264	303447	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	487152	102.30	ng	0.01
7) Phenol-d6	6.51	99	668828	111.62	ng	0.00
23) Nitrobenzene-d5	7.45	82	405651	77.30	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	189468	105.49	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	804646	74.04	ng	0.00
78) Terphenyl-d14	13.01	244	1004349	103.85	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	67670	32.68	ng	87
3) Pyridine	3.29	79	192999	35.80	ng	85
4) n-Nitrosodimethylamine	3.26	42	75703	30.91	ng	90
6) Aniline	6.55	93	205166	25.49	ng	93
8) 2-Chlorophenol	6.66	128	197539	37.57	ng	85
9) Benzaldehyde	6.43	77	33679	8.58	ng	91
10) Phenol	6.54	94	225674	33.58	ng	# 49
11) bis(2-Chloroethyl)ether	6.62	93	196746	37.74	ng	98
12) 1,3-Dichlorobenzene	6.82	146	242163	38.99	ng	# 96
13) 1,4-Dichlorobenzene	6.90	146	239846	36.98	ng	97
14) 1,2-Dichlorobenzene	7.05	146	229501	39.71	ng	93
15) Benzyl Alcohol	7.03	79	161548	37.35	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	288596	39.16	ng	81
17) 2-Methylphenol	7.14	107	171977	40.34	ng	# 85
18) Hexachloroethane	7.39	117	82794	40.78	ng	# 79
19) n-Nitroso-di-n-propylamine	7.30	70	140901	38.69	ng	# 76
20) 3+4-Methylphenols	7.29	107	195992	36.40	ng	# 55
22) Acetophenone	7.29	105	272183	38.06	ng	# 74
24) Nitrobenzene	7.47	77	213350	37.44	ng	# 78
25) Isophorone	7.70	82	379254	36.46	ng	# 88
26) 2-Nitrophenol	7.78	139	107636	39.35	ng	# 54
27) 2,4-Dimethylphenol	7.83	122	193508	40.22	ng	# 83
28) bis(2-Chloroethoxy)methane	7.92	93	229943	37.23	ng	# 93
29) 2,4-Dichlorophenol	8.03	162	187626	40.21	ng	95
30) 1,2,4-Trichlorobenzene	8.11	180	201321	38.65	ng	99
31) Naphthalene	8.19	128	597617	38.56	ng	98
32) Benzoic acid	7.94	122	101446	37.20	ng	# 70
33) 4-Chloroaniline	8.25	127	145135	21.65	ng	# 96
34) Hexachlorobutadiene	8.31	225	125369	40.70	ng	99
35) Caprolactam	8.61	113	39147	30.31	ng	# 80
36) 4-Chloro-3-methylphenol	8.73	107	194432	42.62	ng	88
37) 2-Methylnaphthalene	8.88	142	391591	37.01	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	208675	38.33	ng	99
40) Hexachlorocyclopentadiene	9.03	237	209461	74.70	ng	95

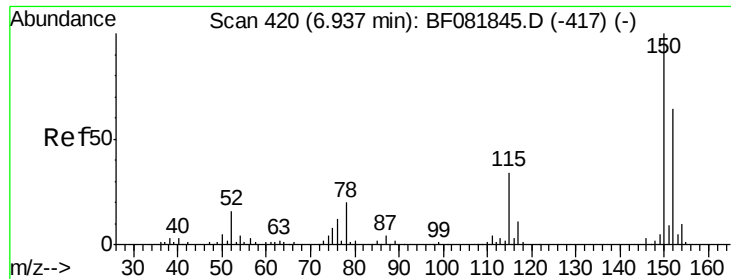
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	144147	38.62	nq	97
43) 2,4,5-Trichlorophenol	9.21	196	151753	39.53	nq	# 93
45) 1,1'-Biphenyl	9.35	154	516261	37.73	nq	95
46) 2-Chloronaphthalene	9.37	162	393007	36.58	nq	94
47) 2-Nitroaniline	9.47	65	120389	38.17	nq	# 79
48) Acenaphthylene	9.79	152	665871	38.72	nq	97
49) Dimethylphthalate	9.66	163	505919	41.33	nq	# 97
50) 2,6-Dinitrotoluene	9.71	165	100635	37.86	nq	# 61
51) Acenaphthene	9.97	154	397689	38.95	nq	88
52) 3-Nitroaniline	9.89	138	78811	25.63	nq	# 66
53) 2,4-Dinitrophenol	10.00	184	110211	82.96	nq	# 82
54) Dibenzofuran	10.14	168	589075	40.82	nq	# 91
55) 4-Nitrophenol	10.06	139	172673	77.72	nq	# 64
56) 2,4-Dinitrotoluene	10.13	165	152940	45.14	nq	# 97
57) Fluorene	10.48	166	476162	46.19	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.25	232	130049	42.71	nq	95
59) Diethylphthalate	10.35	149	498686	43.61	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	209269	39.61	nq	# 88
61) 4-Nitroaniline	10.50	138	113531	36.82	nq	# 48
62) Azobenzene	10.63	77	457562	41.00	nq	91
64) 4,6-Dinitro-2-methylphenol	10.53	198	70700	44.46	nq	93
65) n-Nitrosodiphenylamine	10.59	169	420411	38.95	nq	92
66) 4-Bromophenyl-phenylether	10.96	248	145519	40.45	nq	98
67) Hexachlorobenzene	11.03	284	145168	35.76	nq	# 74
68) Atrazine	11.12	200	138482	41.35	nq	84
69) Pentachlorophenol	11.22	266	173070	74.82	nq	99
70) Phenanthrene	11.44	178	674271	39.05	nq	96
71) Anthracene	11.50	178	776457	42.82	nq	98
72) Carbazole	11.66	167	664156	40.47	nq	97
73) Di-n-butylphthalate	11.98	149	791693	47.44	nq	# 98
74) Fluoranthene	12.63	202	739047	38.67	nq	91
76) Benzidine	12.75	184	345509	34.50	nq	98
77) Pyrene	12.86	202	724149	36.47	nq	95
79) Butylbenzylphthalate	13.47	149	323603	43.31	nq	88
80) Benzo(a)anthracene	14.05	228	705209	39.40	nq	96
81) 3,3'-Dichlorobenzidine	14.01	252	171538	28.38	nq	# 95
82) Chrysene	14.09	228	714451	46.57	nq	94
83) Bis(2-ethylhexyl)phthalate	14.04	149	474012	50.57	nq	# 95
84) Di-n-octyl phthalate	14.65	149	772879	50.67	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.95	276	585278	41.80	nq	# 87
87) Benzo(b)fluoranthene	15.12	252	1324708	76.46	nq	# 86
88) Benzo(k)fluoranthene	15.12	252	1325278	83.46	nq	# 87
89) Benzo(a)pyrene	15.45	252	625417	41.62	nq	# 85
90) Dibenzo(a,h)anthracene	16.96	278	481027	38.15	nq	# 81
91) Benzo(g,h,i)perylene	17.38	276	473978	36.68	nq	# 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: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

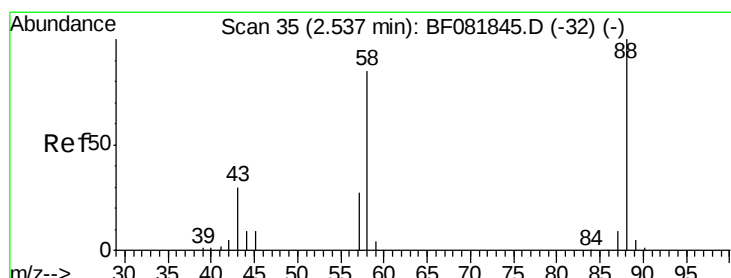
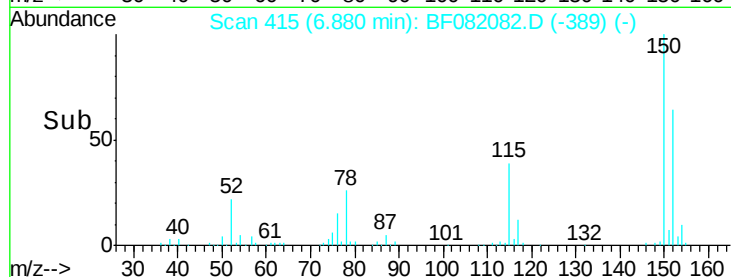
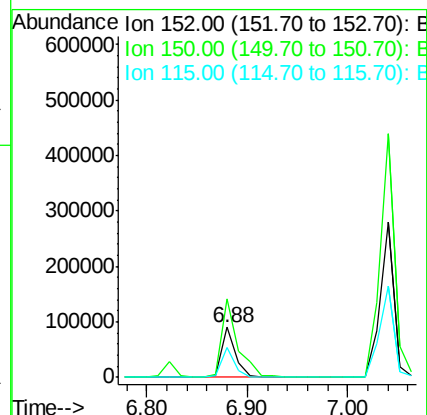
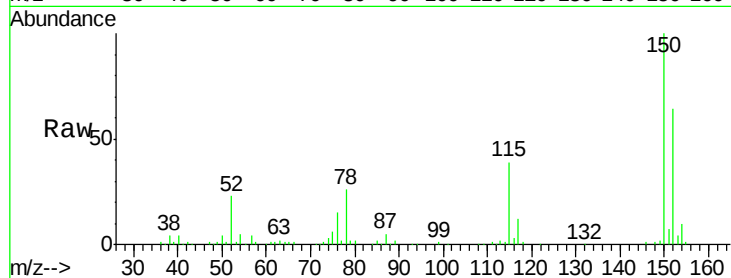
Tot Ion:152 Resp: 86443

Ion Ratio Lower Upper

152 100

150 155.6 124.7 187.1

115 60.2 39.0 58.4#



#2

1,4-Dioxane

Concen: 32.68 ng

RT: 2.56 min Scan# 37

Delta R.T. 0.10 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

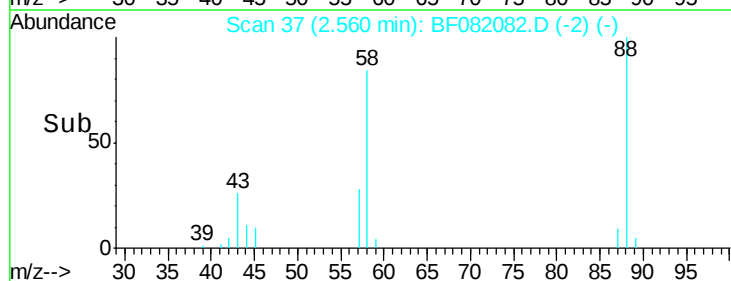
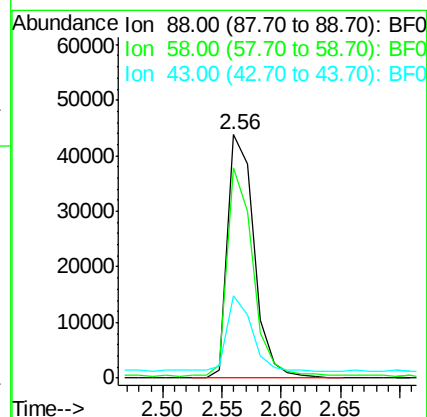
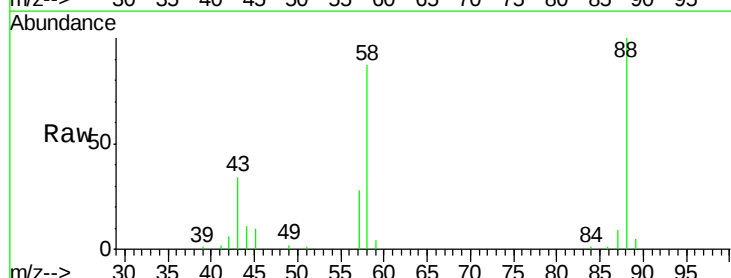
Tgt Ion: 88 Resp: 67670

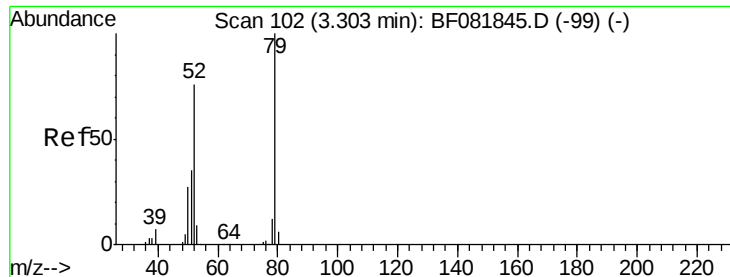
Ion Ratio Lower Upper

88 100

58 82.3 77.7 116.5

43 30.3 26.6 40.0





#3

Pvridine

Concen: 35.80 ng

RT: 3.29 min Scan# 101

Delta R.T. 0.09 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

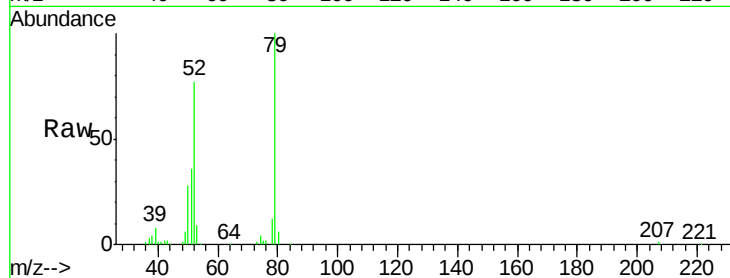
Tot Ion: 79 Resp: 192999

Ion Ratio Lower Upper

79 100

52 77.4 76.8 115.2

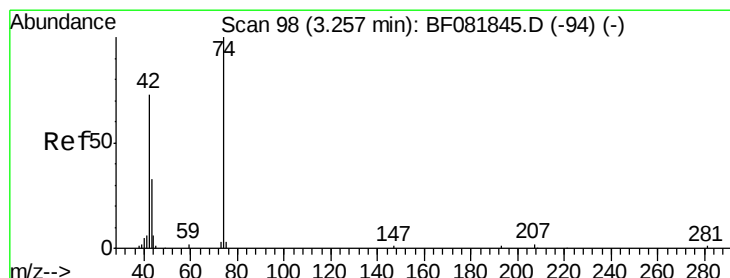
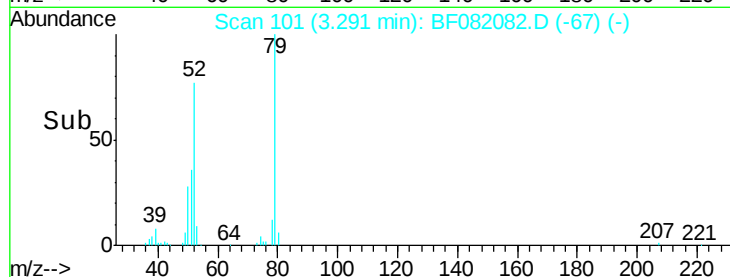
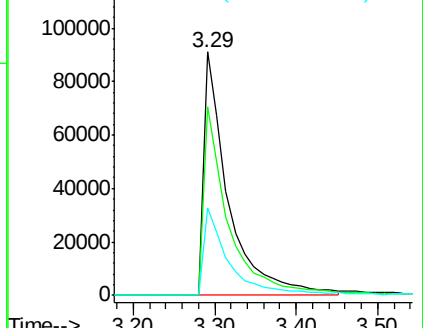
51 36.1 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 30.91 ng

RT: 3.26 min Scan# 98

Delta R.T. 0.10 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

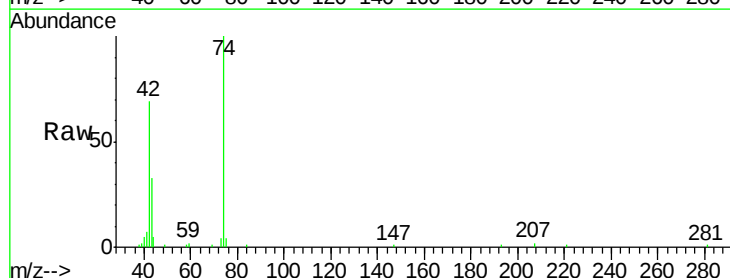
Tgt Ion: 42 Resp: 75703

Ion Ratio Lower Upper

42 100

74 144.1 105.0 157.6

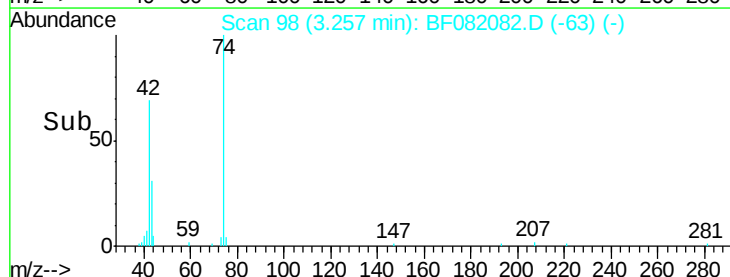
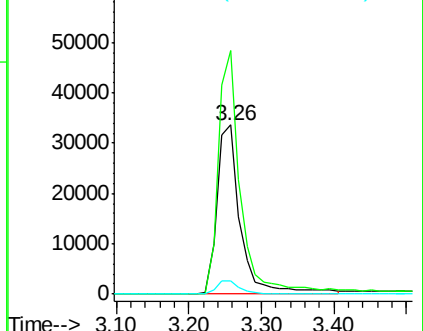
44 7.7 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.30 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

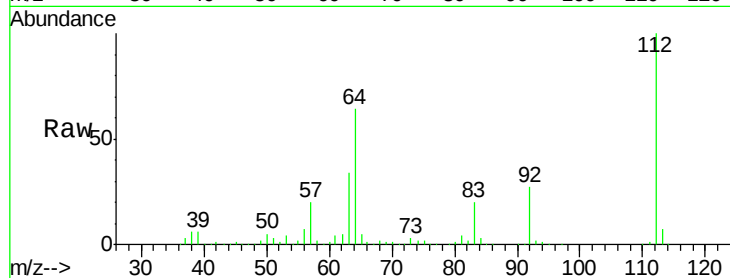
Tot Ion:112 Resp: 487152

Ion Ratio Lower Upper

112 100

64 64.2 39.7 59.5#

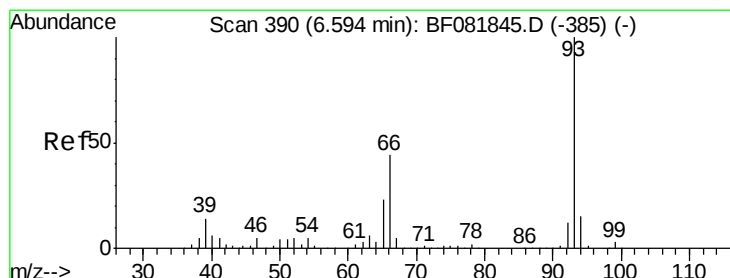
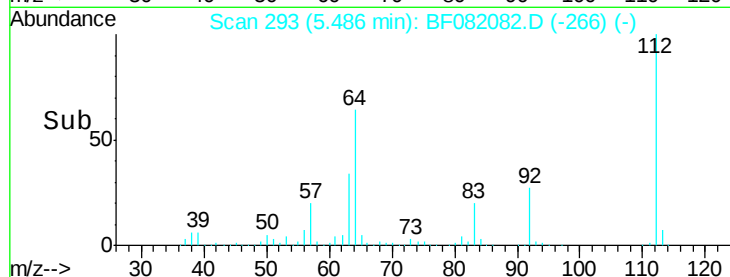
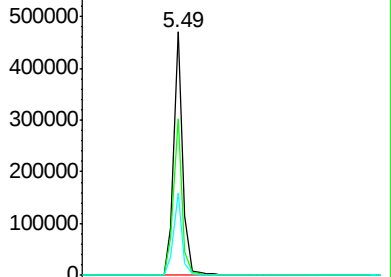
63 33.9 17.4 26.0#



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: 25.49 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

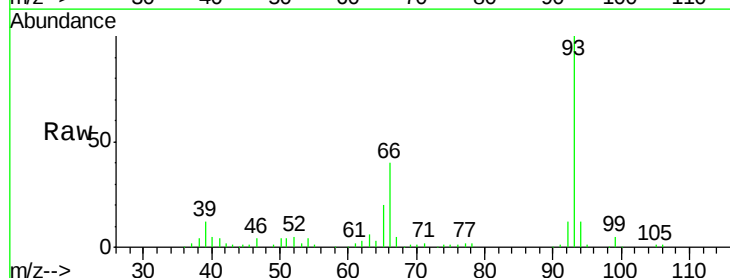
Tgt Ion: 93 Resp: 205166

Ion Ratio Lower Upper

93 100

66 39.7 27.2 40.8

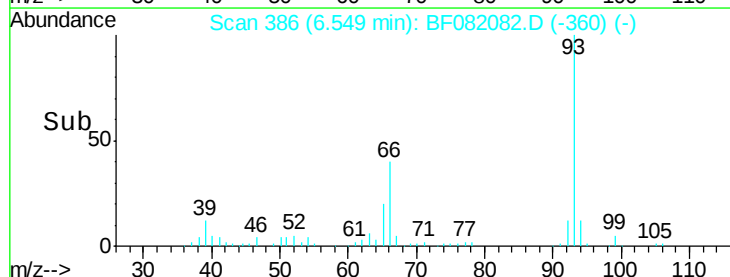
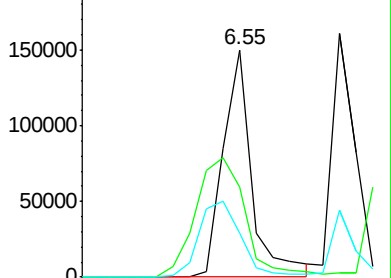
65 19.6 14.7 22.1

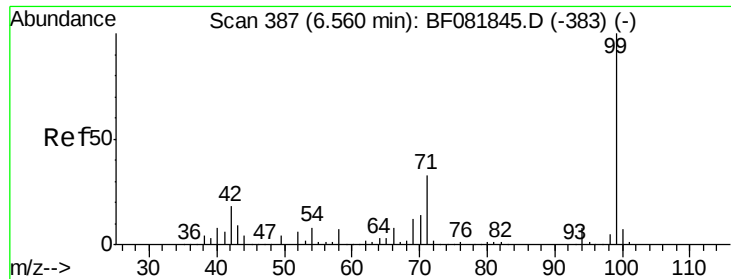


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.62 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

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ClientSampleId :

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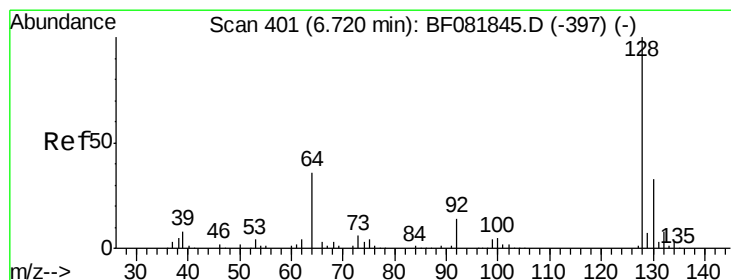
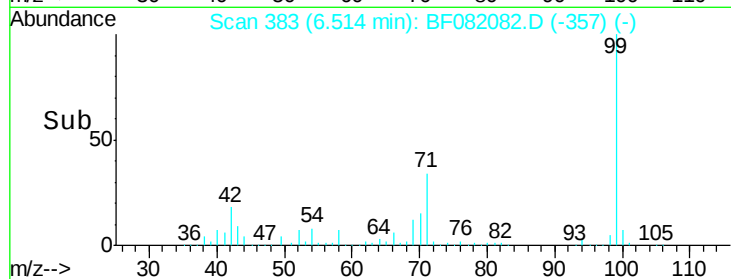
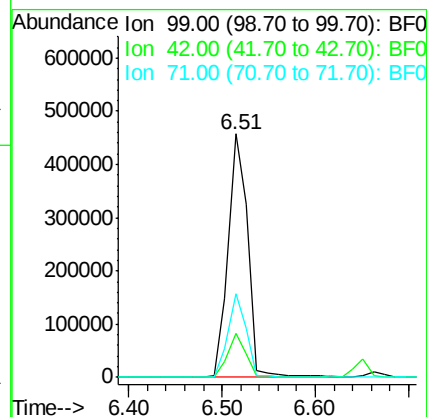
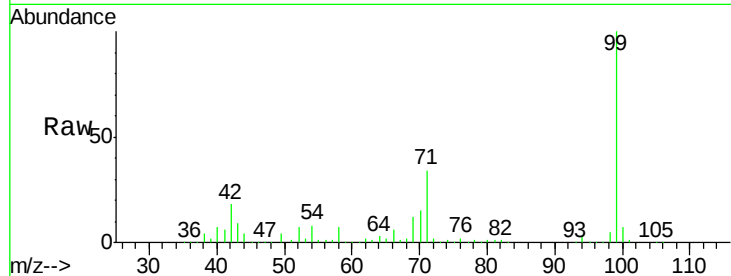
Tot Ion: 99 Resp: 668828

Ion Ratio Lower Upper

99 100

42 18.2 13.7 20.5

71 34.4 14.2 21.2#



#8

2-Chlorophenol

Concen: 37.57 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

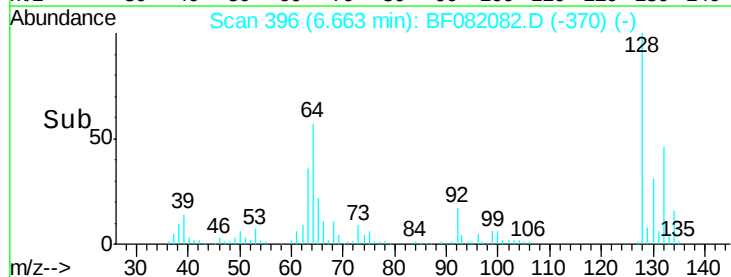
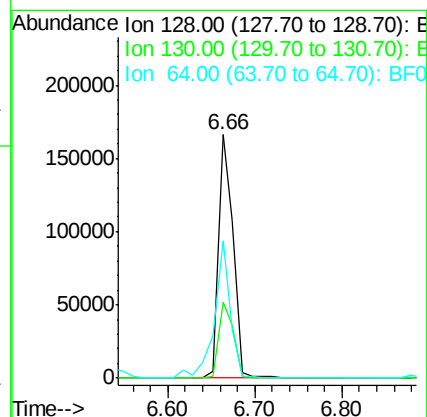
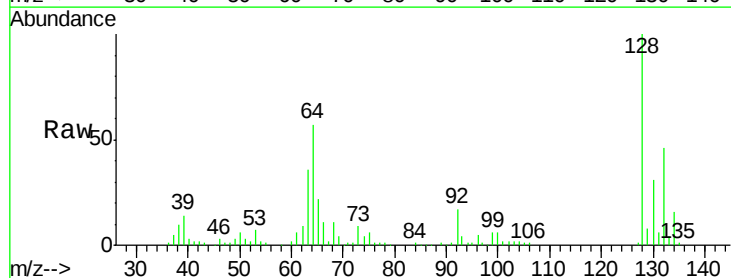
Tgt Ion: 128 Resp: 197539

Ion Ratio Lower Upper

128 100

130 31.3 12.2 52.2

64 56.5 20.5 60.5

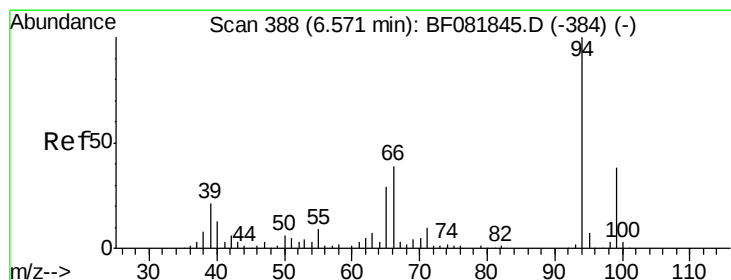
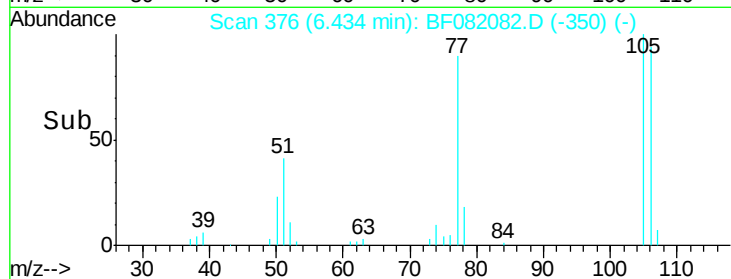
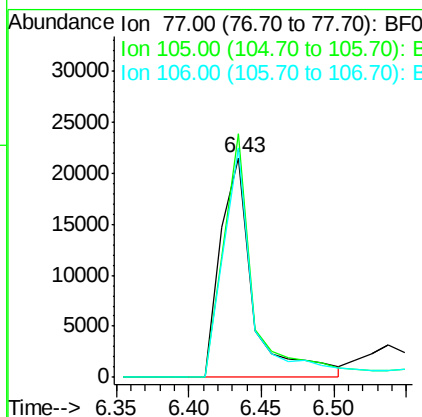
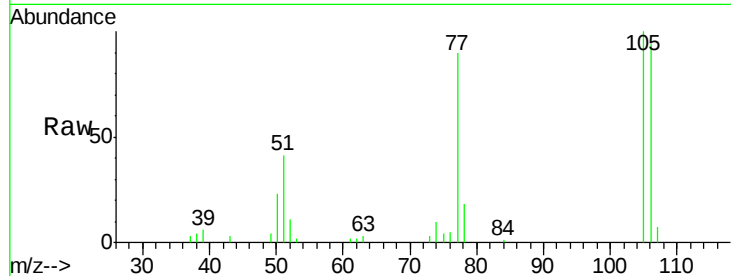




#9
Benzaldehyde
Concen: 8.58 ng
RT: 6.43 min Scan# 376
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

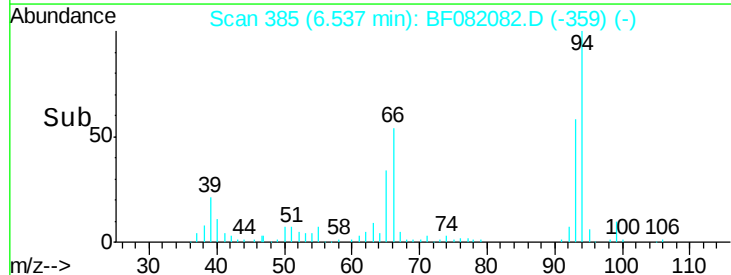
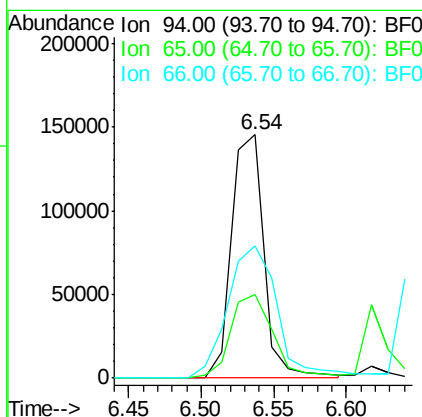
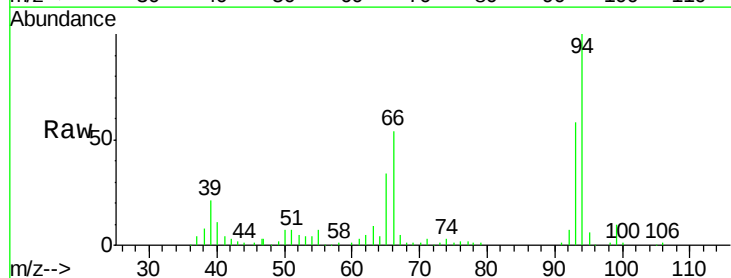
Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion: 77 Resp: 33679
Ion Ratio Lower Upper
77 100
105 110.8 91.6 131.6
106 104.4 102.6 142.6



#10
Phenol
Concen: 33.58 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion: 94 Resp: 225674
Ion Ratio Lower Upper
94 100
65 34.4 0.7 40.7
66 54.4 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 37.74 ng

RT: 6.62 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

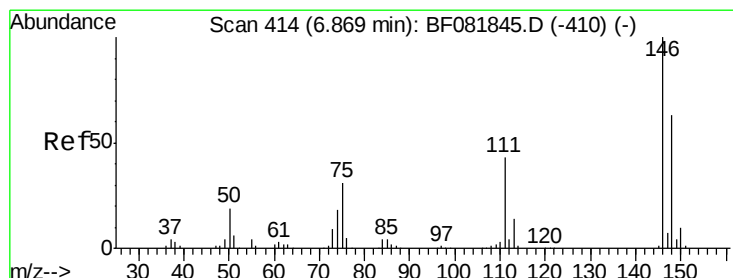
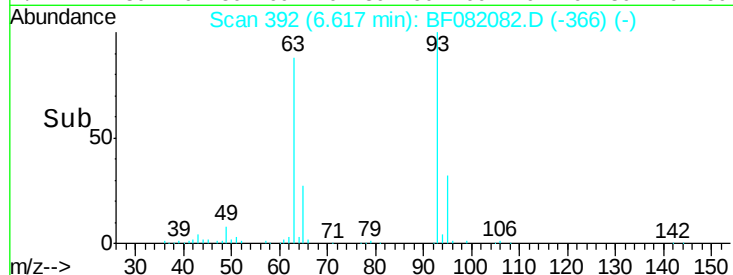
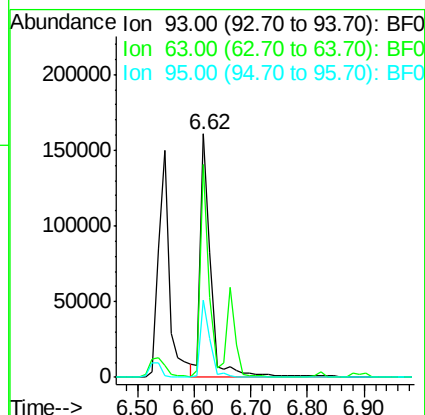
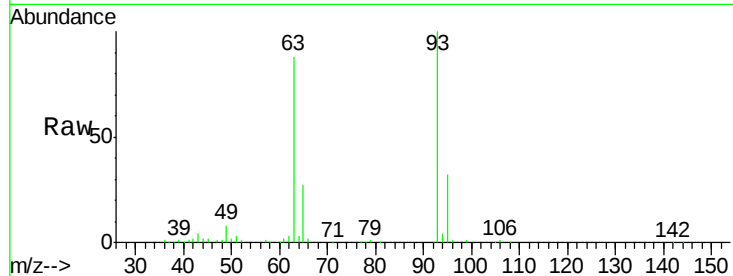
Tot Ion: 93 Resp: 196746

Ion Ratio Lower Upper

93 100

63 87.7 65.6 105.6

95 31.9 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 38.99 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

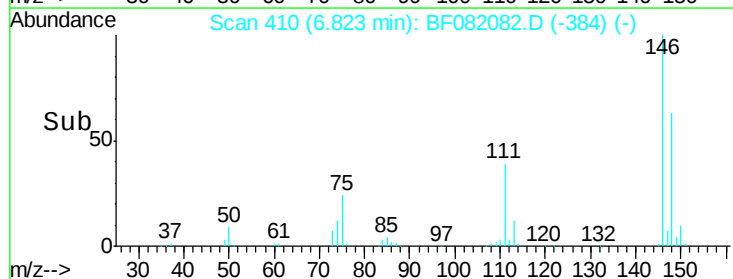
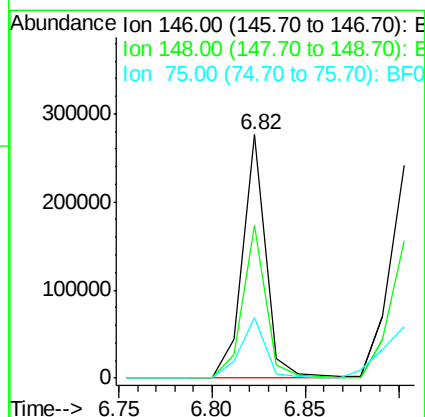
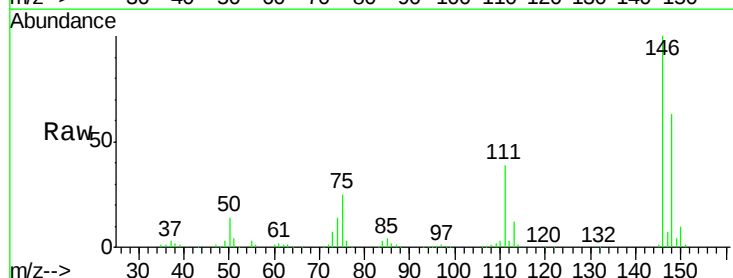
Tgt Ion: 146 Resp: 242163

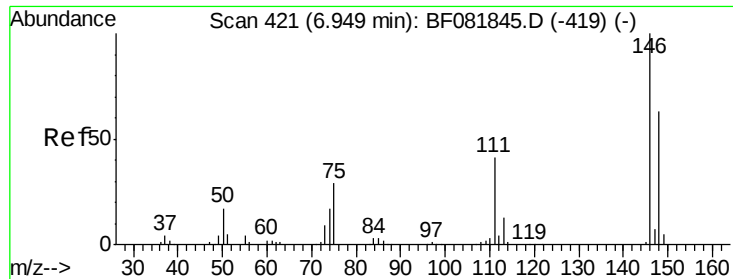
Ion Ratio Lower Upper

146 100

148 62.7 51.0 76.4

75 24.7 15.0 22.6#

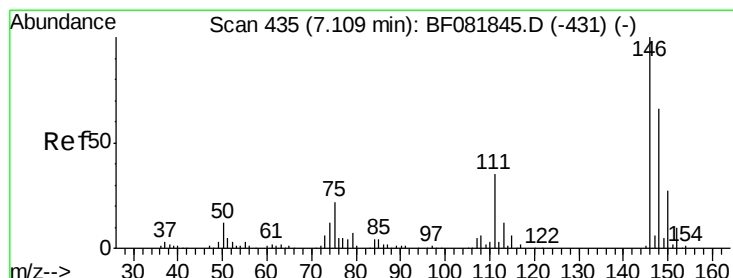
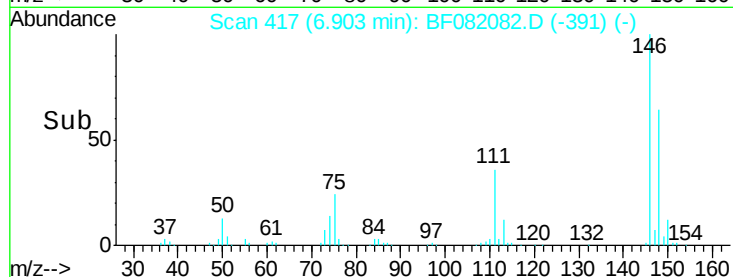
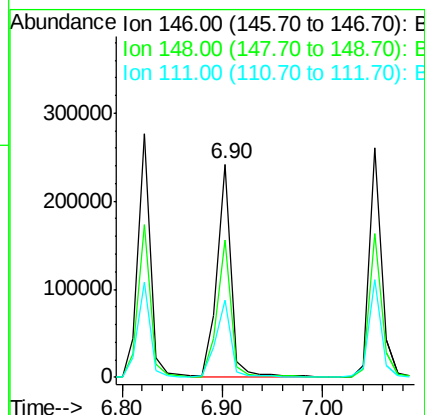
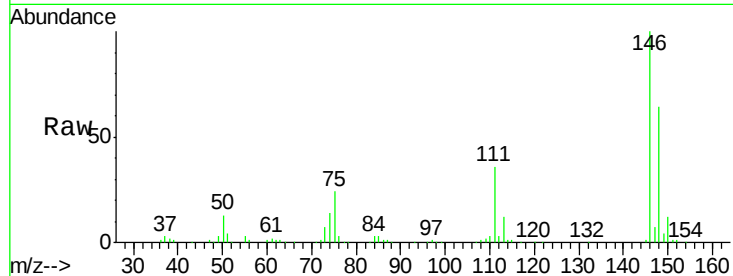




#13
 1,4-Dichlorobenzene
 Concen: 36.98 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

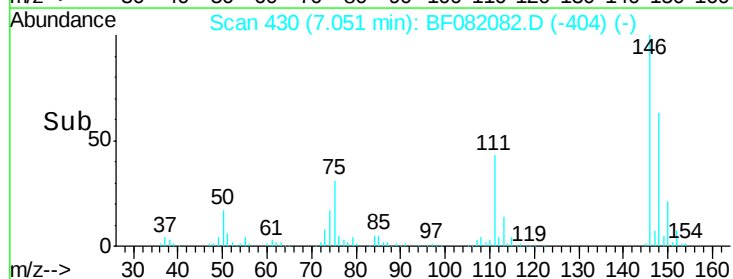
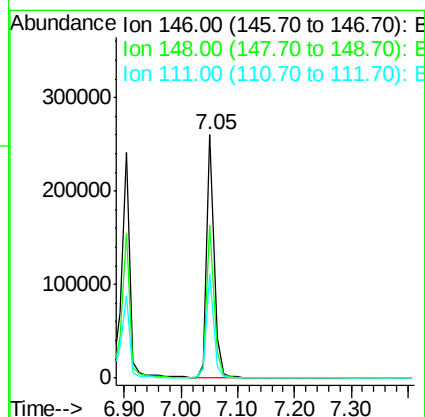
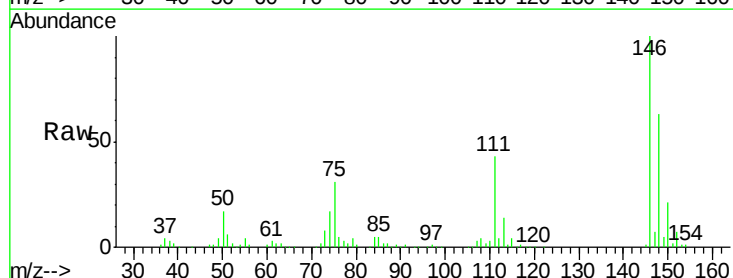
Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

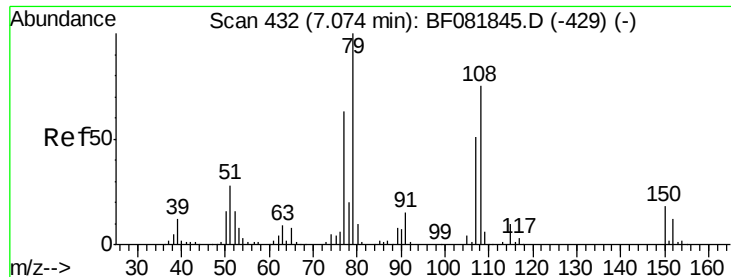
Tot Ion:146 Resp: 239846
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 111 36.1 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 39.71 ng
 RT: 7.05 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:146 Resp: 229501
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.7 79.1
 111 42.9 28.8 43.2





#15

Benzyl Alcohol

Concen: 37.35 ng

RT: 7.03 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleID :

PB85944BS

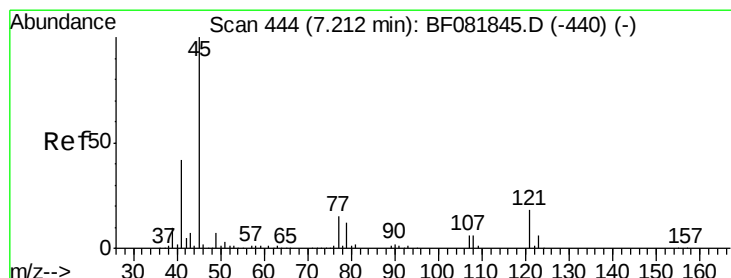
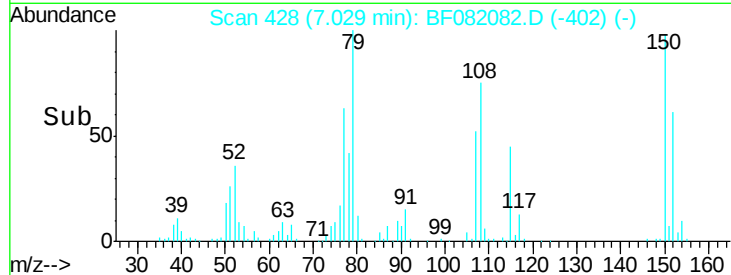
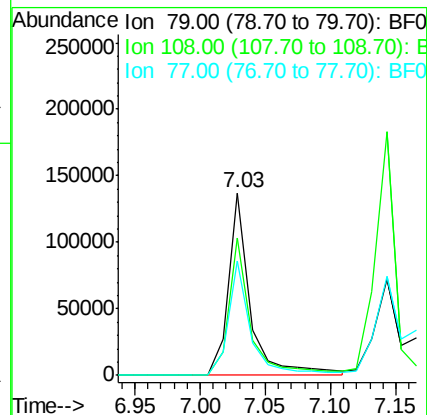
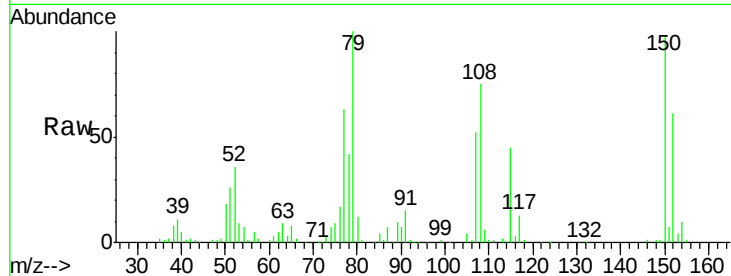
Tot Ion: 79 Resp: 161548

Ion Ratio Lower Upper

79 100

108 75.3 88.6 132.8#

77 62.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.16 ng

RT: 7.17 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

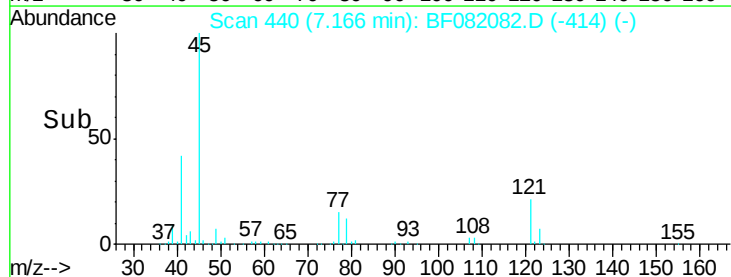
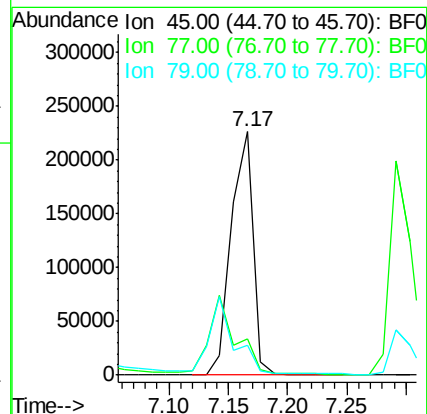
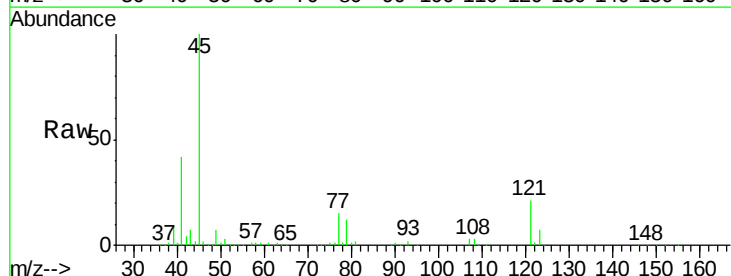
Tgt Ion: 45 Resp: 288596

Ion Ratio Lower Upper

45 100

77 15.0 0.0 28.1

79 12.2 0.0 26.0

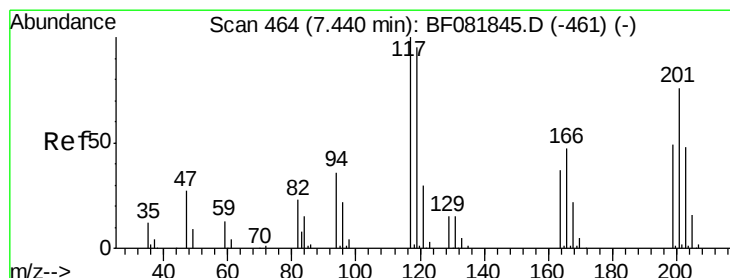
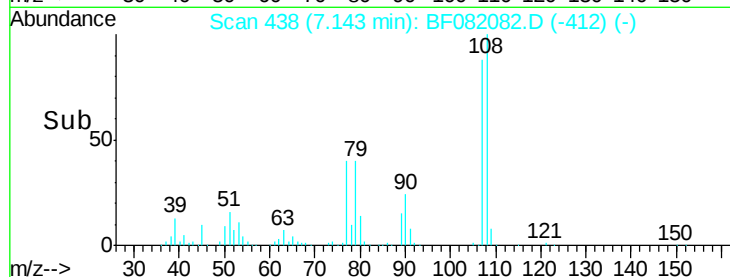
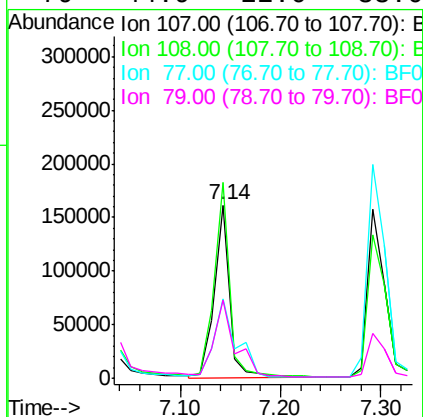
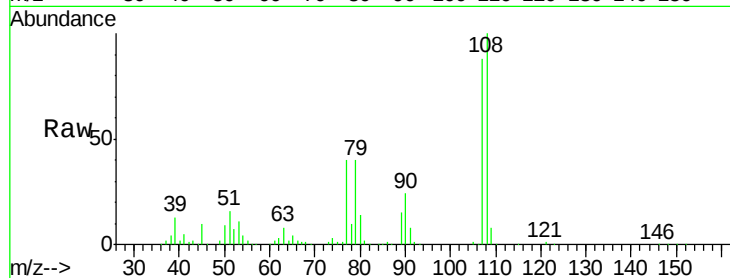




#17
2-Methylphenol
Concen: 40.34 ng
RT: 7.14 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

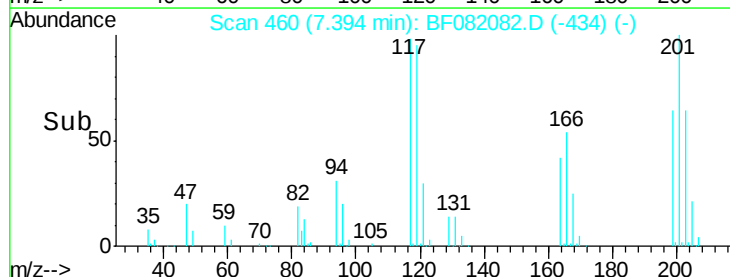
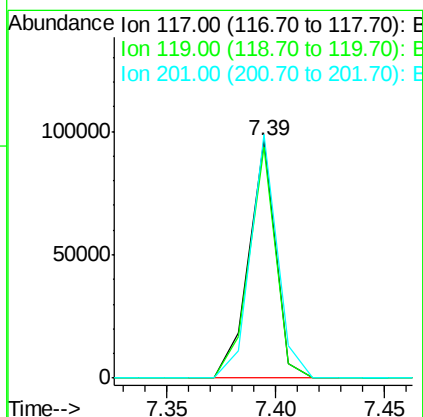
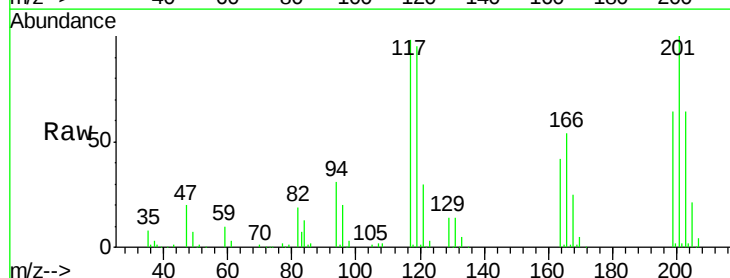
Instrument :
BNA_F
ClientSampleId :
PB85944BS

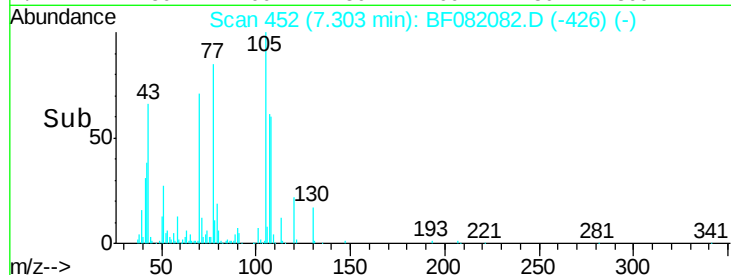
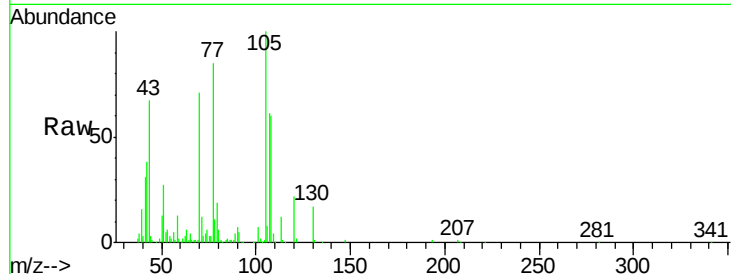
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	96.6	145.0
77	45.8	23.3	34.9#
79	44.9	22.0	33.0#



#18
Hexachloroethane
Concen: 40.78 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	83.8	125.6
201	102.3	55.1	82.7#

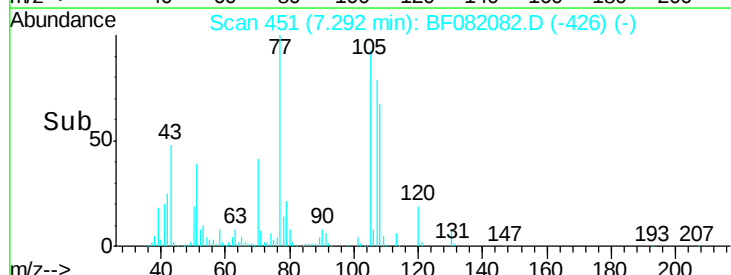
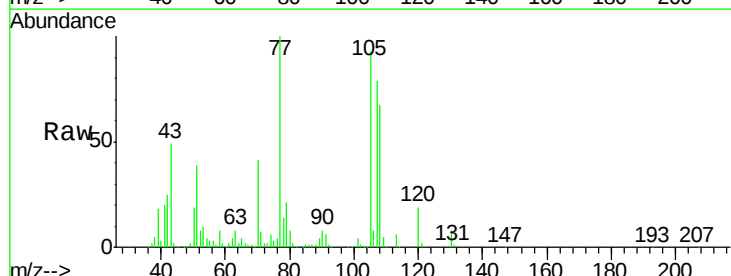
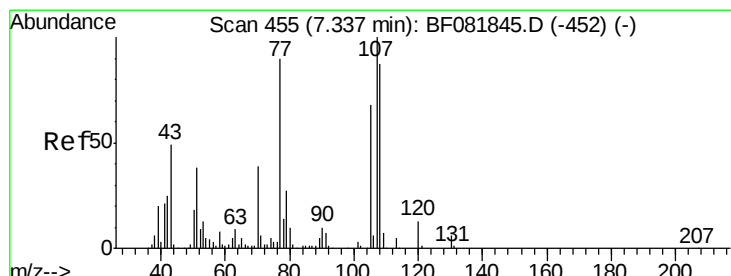
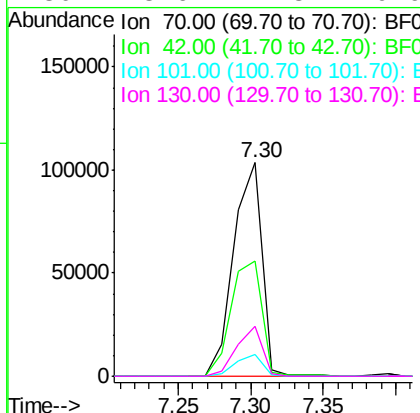




#19
n-Nitroso-di-n-propylamine
Concen: 38.69 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

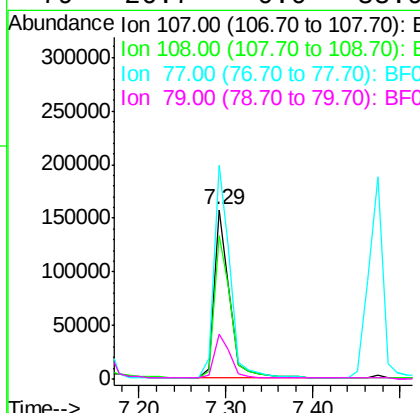
Instrument :
BNA_F
ClientSampleId :
PB85944BS

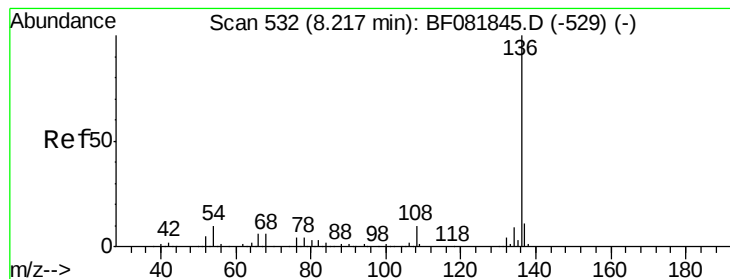
Tot Ion	70	Resp	140901
Ion	Ratio	Lower	Upper
70	100		
42	54.2	63.8	95.6#
101	10.4	9.2	13.8
130	23.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 36.40 ng
RT: 7.29 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion	107	Resp	195992
Ion	Ratio	Lower	Upper
107	100		
108	84.7	74.6	114.6
77	126.2	0.7	40.7#
79	26.7	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: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

Tot Ion:136 Resp: 349803

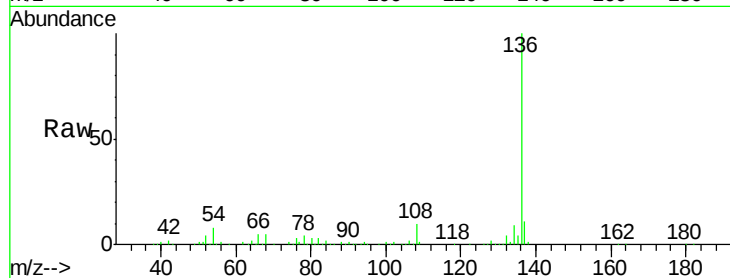
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.6 8.2 12.2#

68 4.8 5.8 8.6#

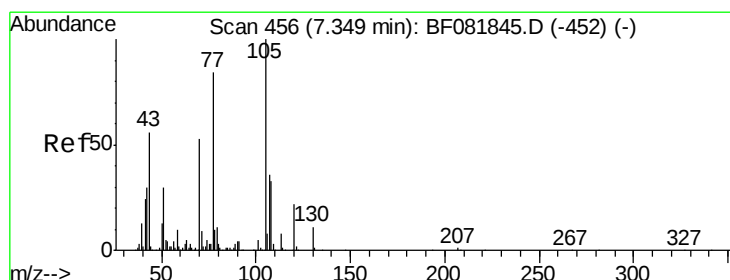
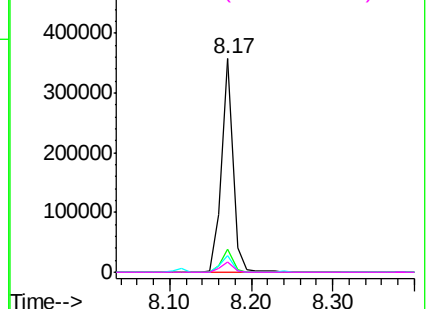
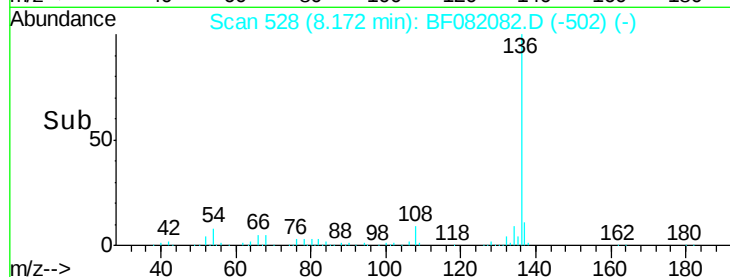


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.06 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Tgt Ion:105 Resp: 272183

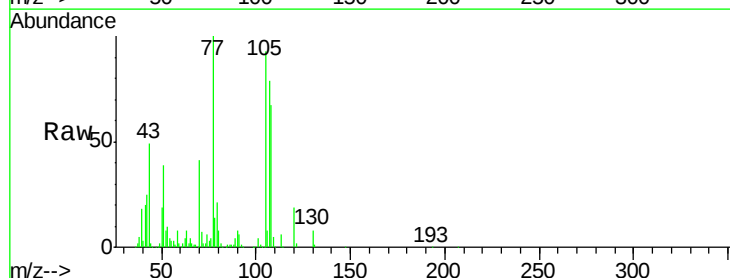
Ion Ratio Lower Upper

105 100

71 7.4 4.7 7.1#

51 41.5 22.0 33.0#

120 20.1 30.1 45.1#

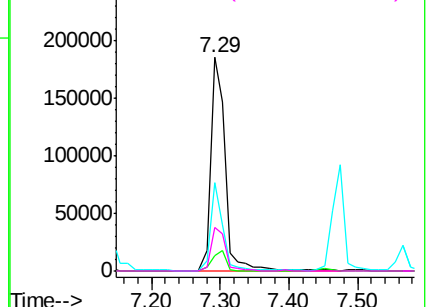
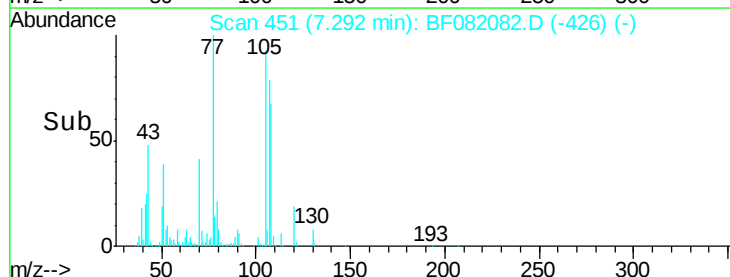


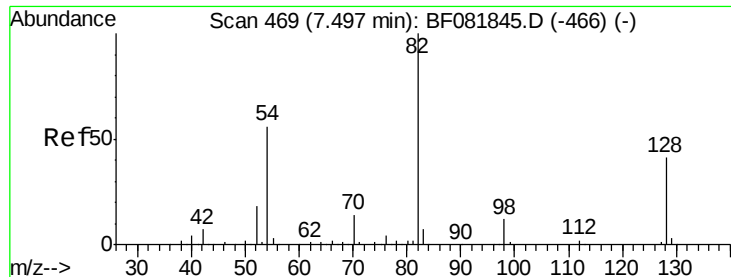
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

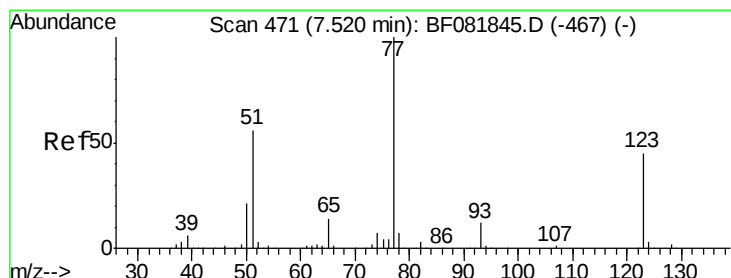
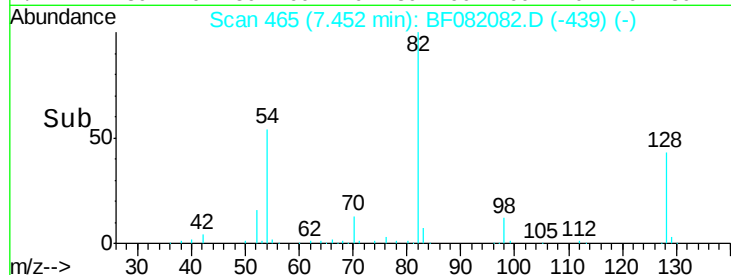
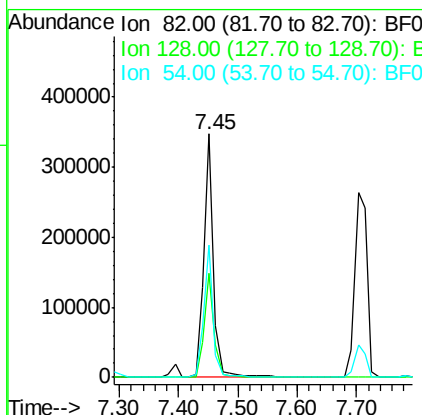
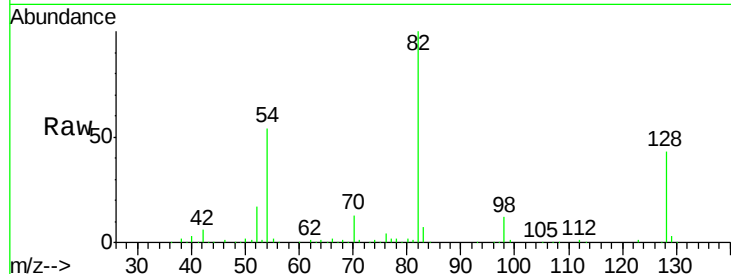




#23
Nitrobenzene-d5
Concen: 77.30 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

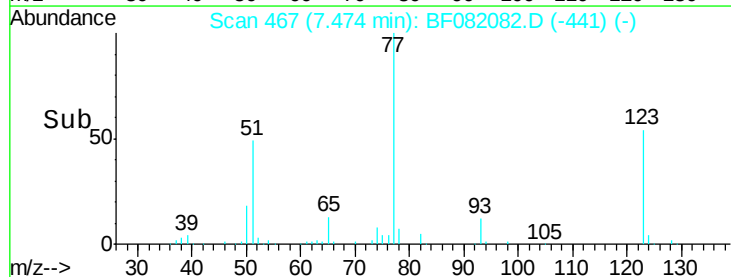
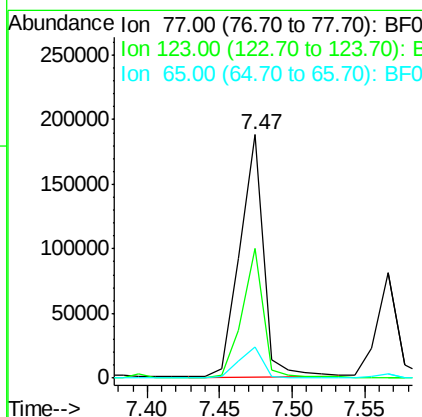
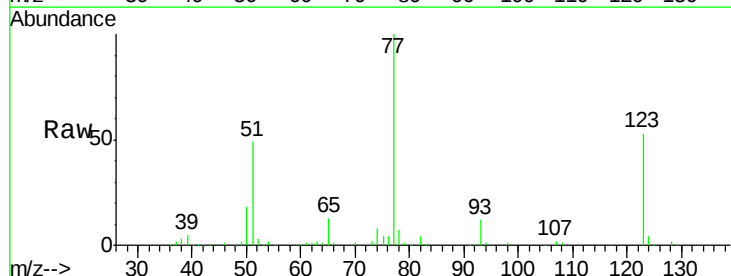
Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion: 82 Resp: 405651
Ion Ratio Lower Upper
82 100
128 42.8 51.0 76.6#
54 54.3 47.5 71.3



#24
Nitrobenzene
Concen: 37.44 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion: 77 Resp: 213350
Ion Ratio Lower Upper
77 100
123 53.1 59.8 89.8#
65 12.7 10.2 15.4





#25

Isophorone

Concen: 36.46 ng

RT: 7.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

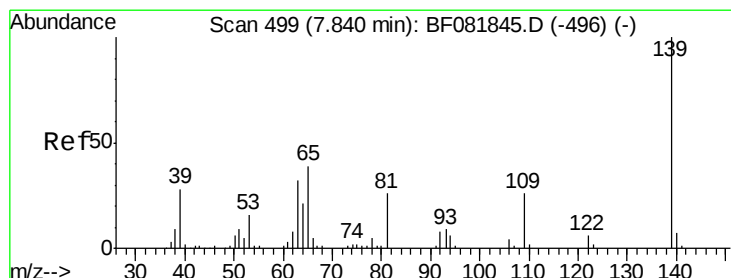
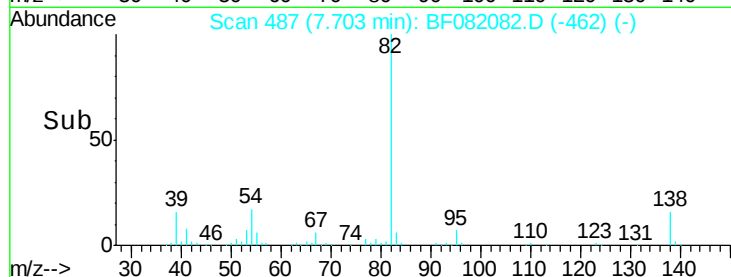
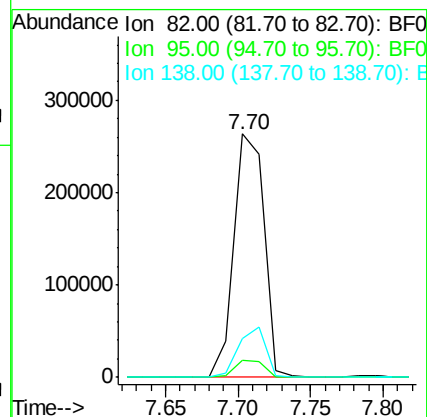
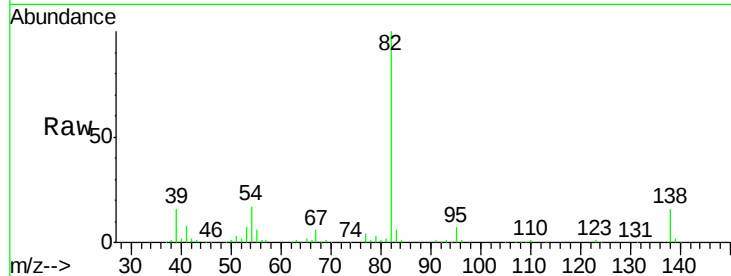
Tot Ion: 82 Resp: 379254

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

138 16.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 39.35 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

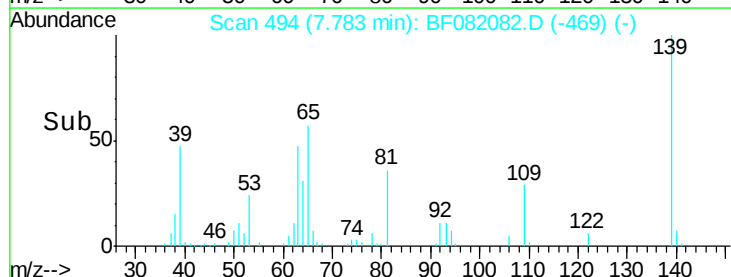
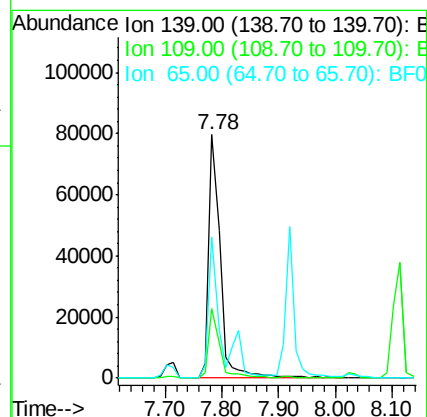
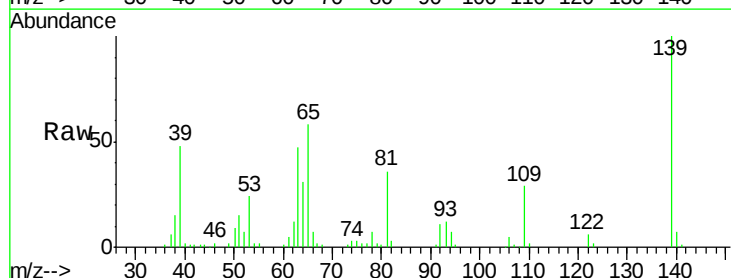
Tgt Ion: 139 Resp: 107636

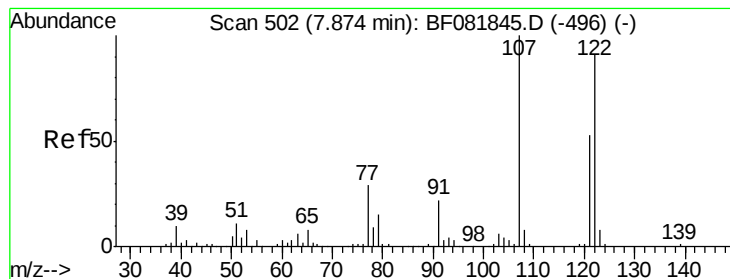
Ion Ratio Lower Upper

139 100

109 28.6 11.0 16.4#

65 58.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 40.22 ng

RT: 7.83 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

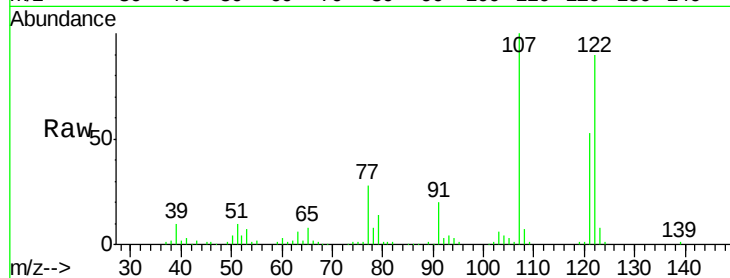
Tot Ion:122 Resp: 193508

Ion Ratio Lower Upper

122 100

107 111.1 71.8 107.6#

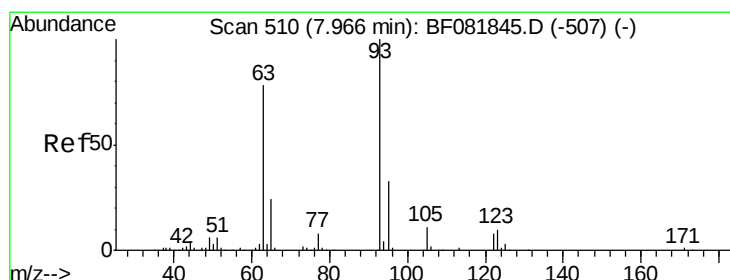
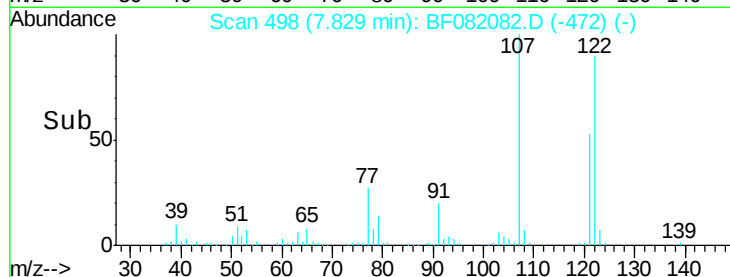
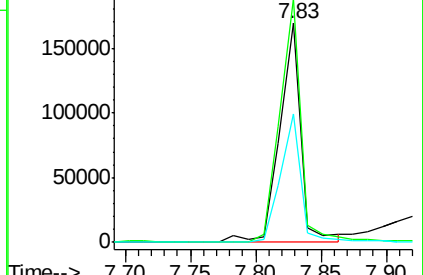
121 58.3 42.3 63.5



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: 37.23 ng

RT: 7.92 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

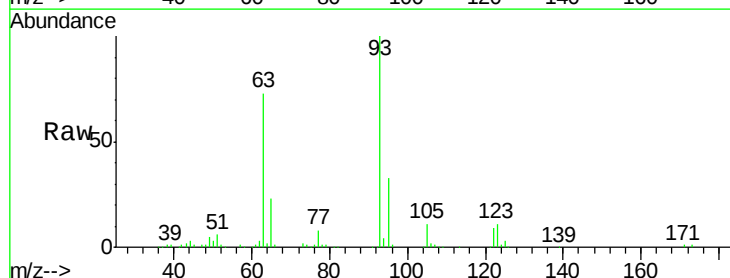
Tgt Ion: 93 Resp: 229943

Ion Ratio Lower Upper

93 100

95 32.8 27.5 41.3

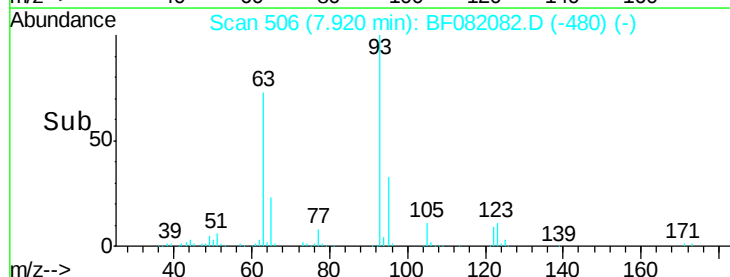
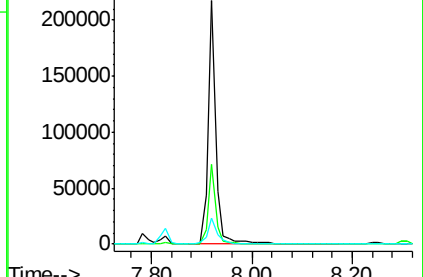
123 10.9 13.7 20.5#

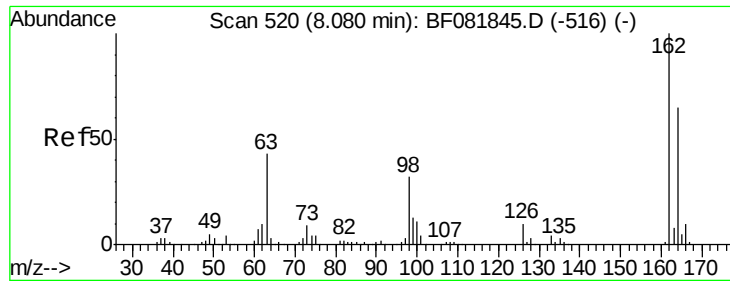


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

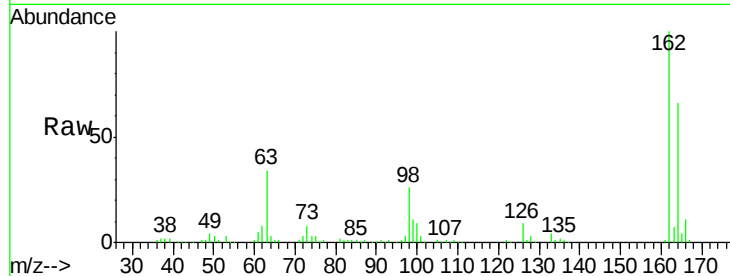




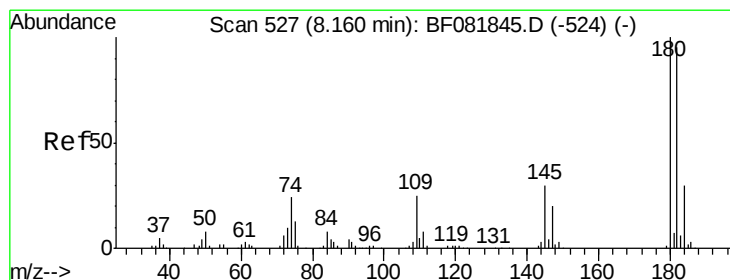
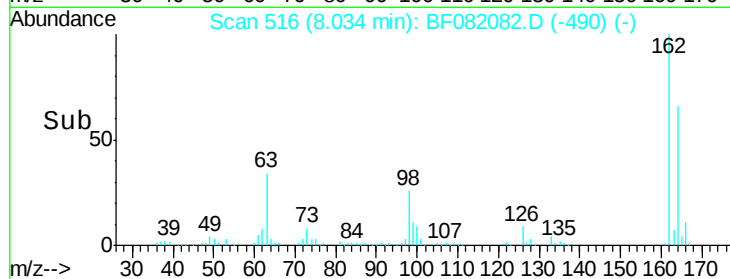
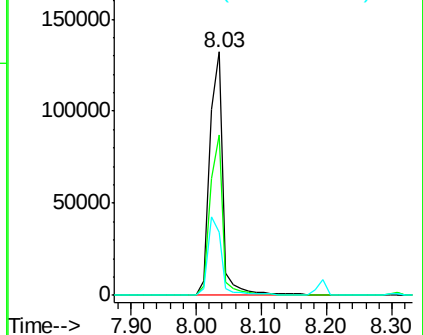
#29
 2,4-Dichlorophenol
 Concen: 40.21 ng
 RT: 8.03 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.9	84.9
98	25.7	13.0	53.0

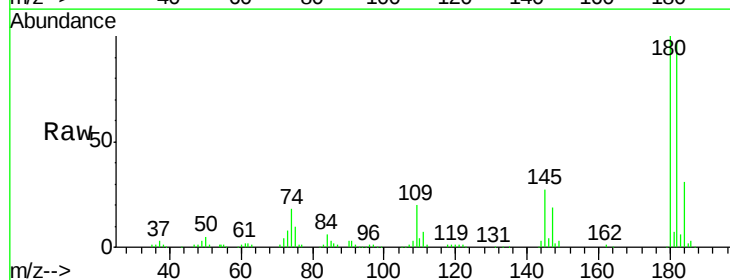


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

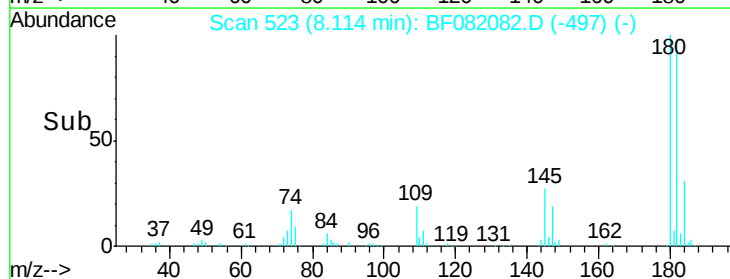
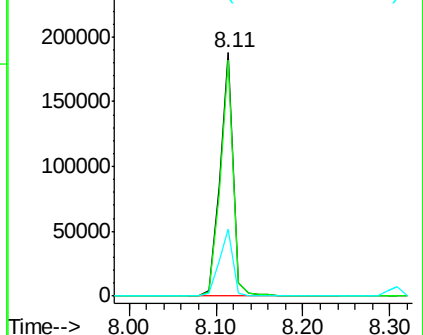


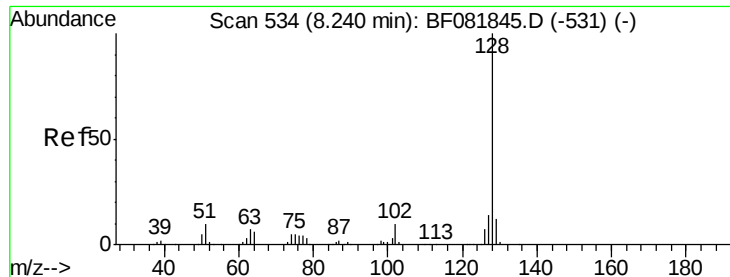
#30
 1,2,4-Trichlorobenzene
 Concen: 38.65 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.1	115.7
145	27.5	23.3	34.9



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





#31

Naphthalene

Concen: 38.56 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

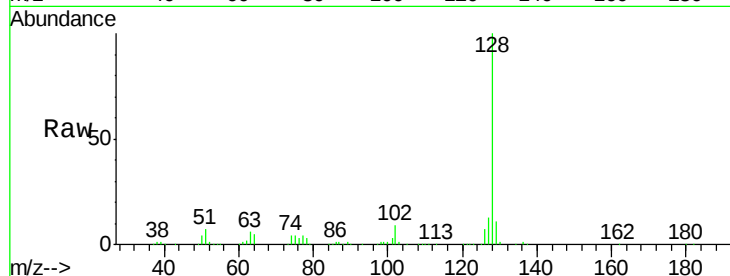
Tot Ion:128 Resp: 597617

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

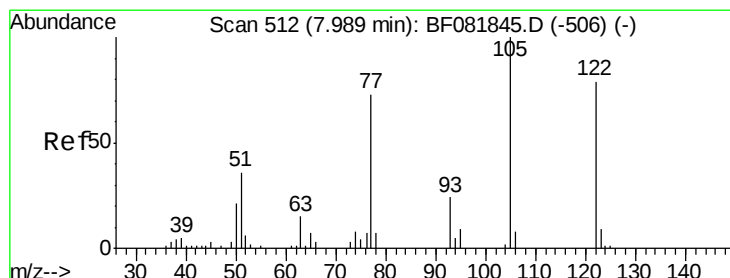
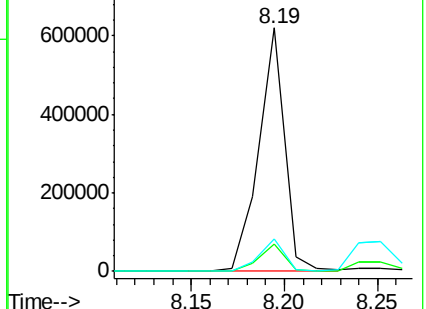
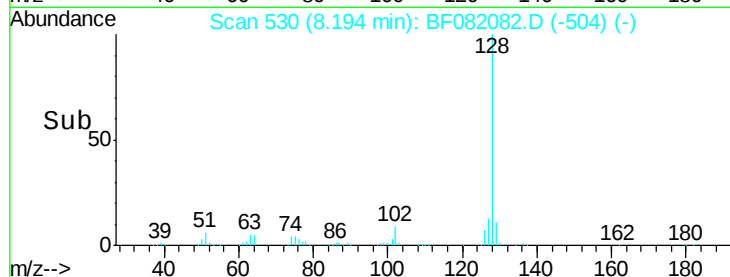
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.20 ng

RT: 7.94 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

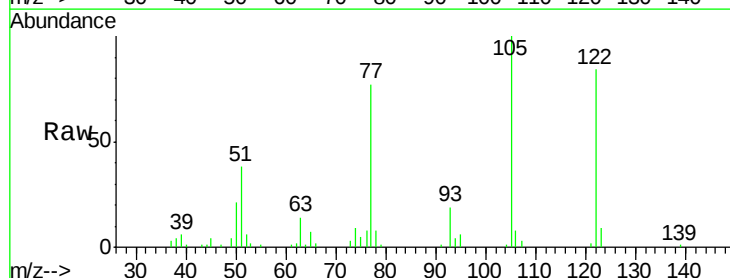
Tgt Ion:122 Resp: 101446

Ion Ratio Lower Upper

122 100

105 118.6 76.1 116.1#

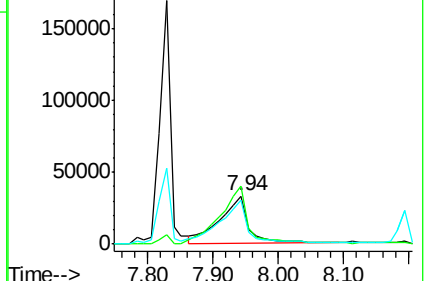
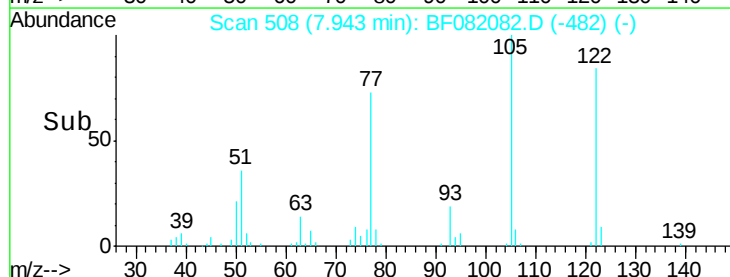
77 91.1 40.5 80.5#

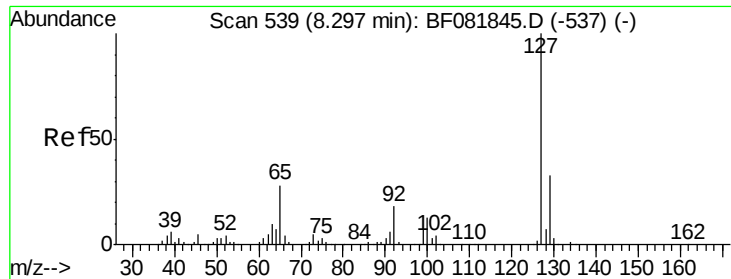


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

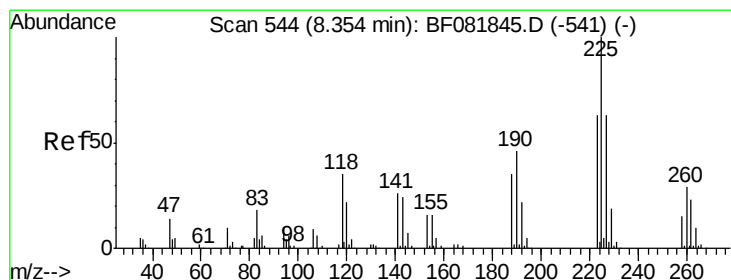
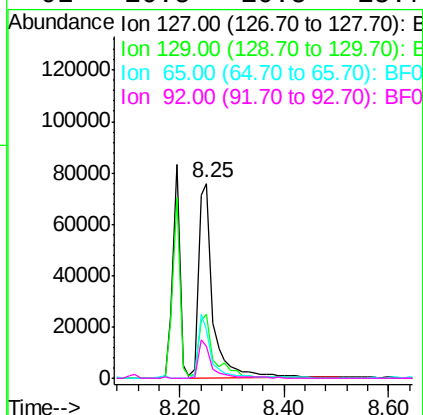
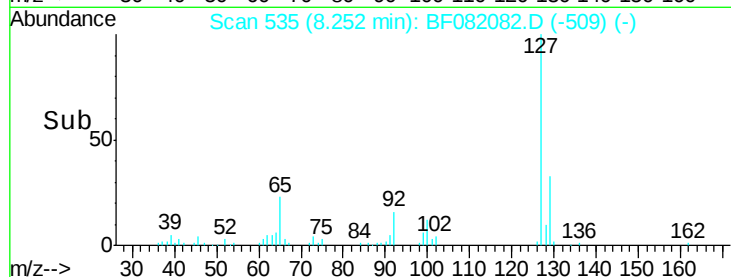
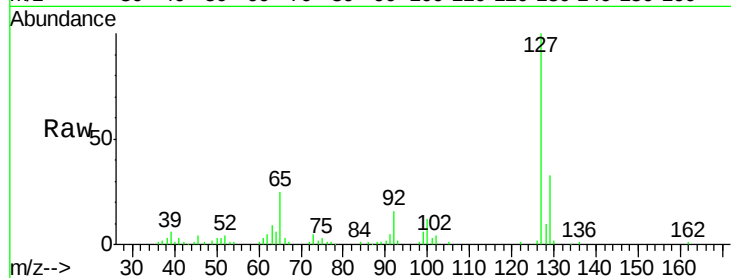




#33
4-Chloroaniline
Concen: 21.65 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

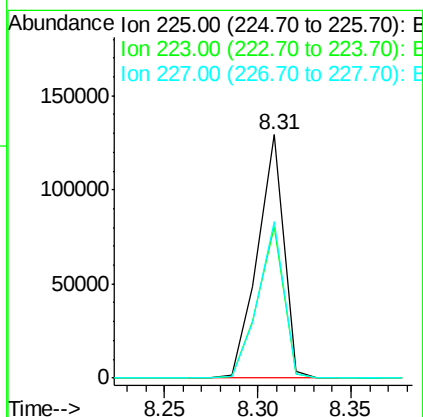
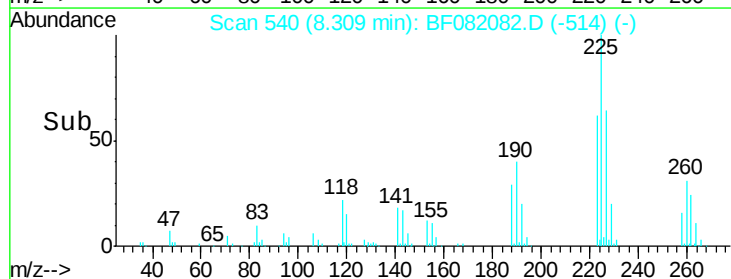
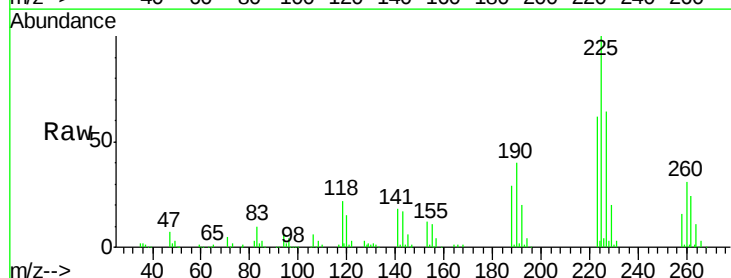
Instrument :
BNA_F
ClientSampleId :
PB85944BS

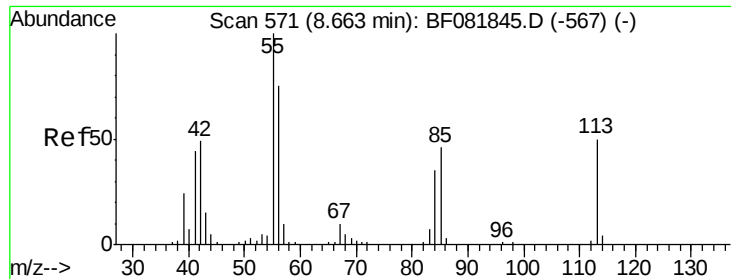
Tot Ion:	127	Resp:	145135
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	24.7	17.9	26.9
92	16.5	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 40.70 ng
RT: 8.31 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:	225	Resp:	125369
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.2
227	64.1	52.2	78.2

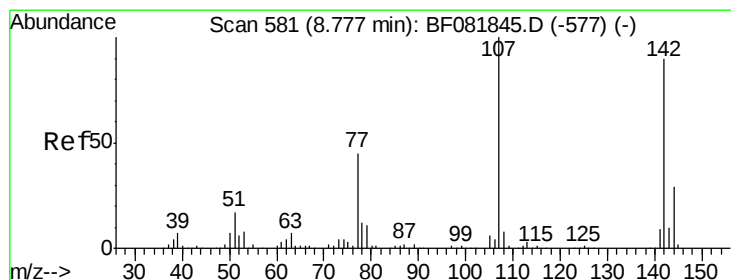
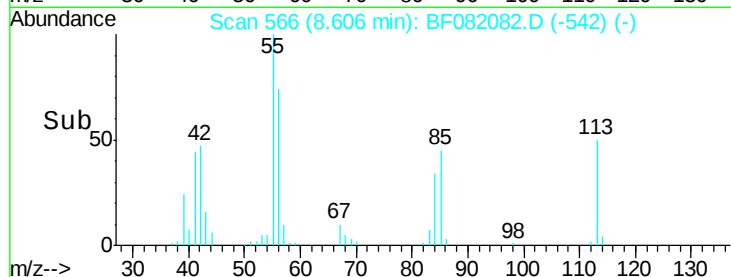
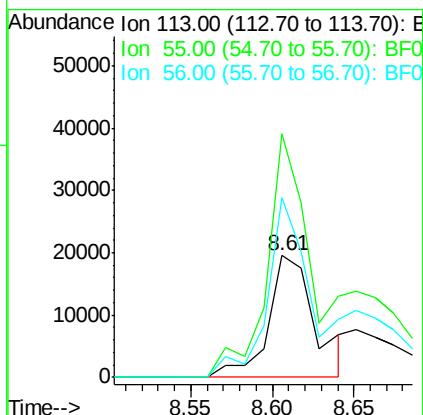
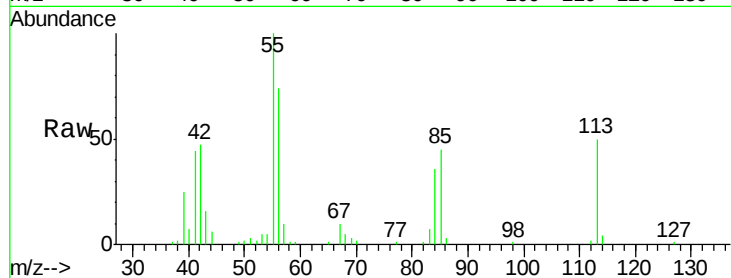




#35
Caprolactam
Concen: 30.31 ng
RT: 8.61 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

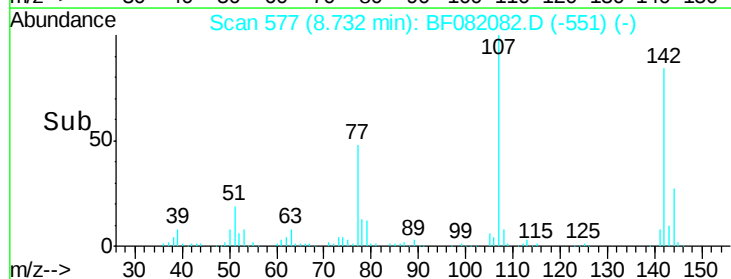
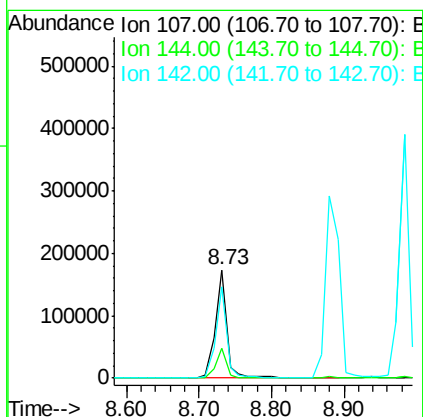
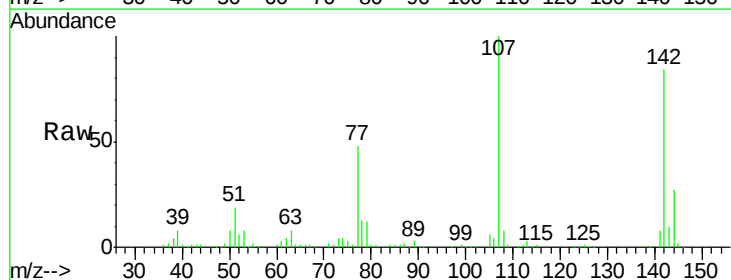
Instrument :
BNA_F
ClientSampleId :
PB85944BS

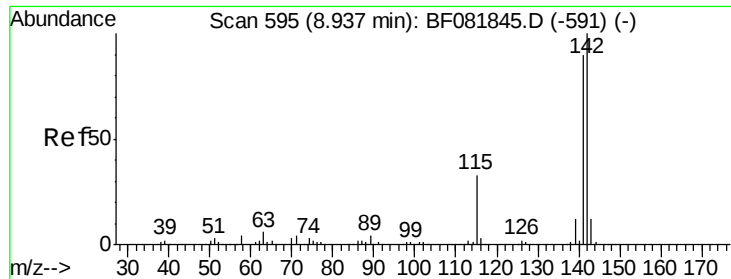
Tot Ion:113 Resp: 39147
Ion Ratio Lower Upper
113 100
55 200.0 152.4 192.4#
56 147.6 104.6 144.6#



#36
4-Chloro-3-methylphenol
Concen: 42.62 ng
RT: 8.73 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:107 Resp: 194432
Ion Ratio Lower Upper
107 100
144 27.1 25.4 38.0
142 83.9 77.3 115.9

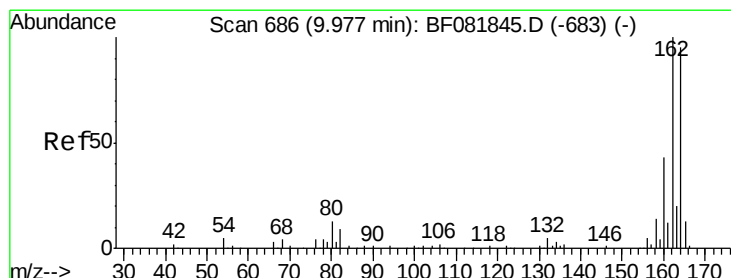
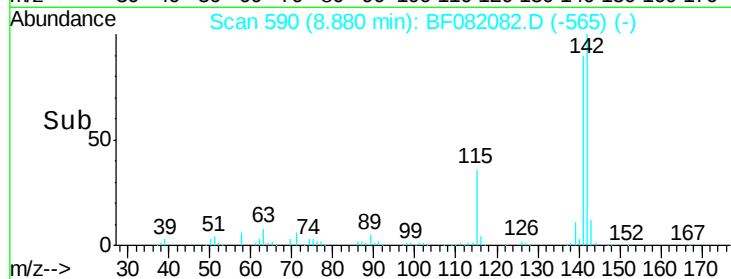
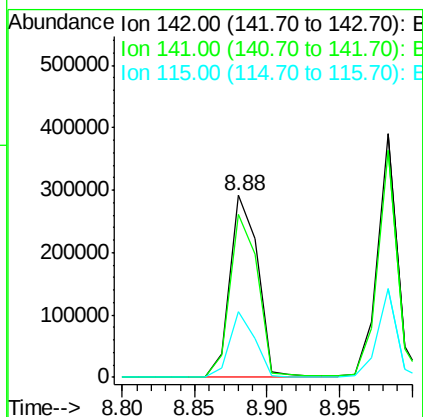
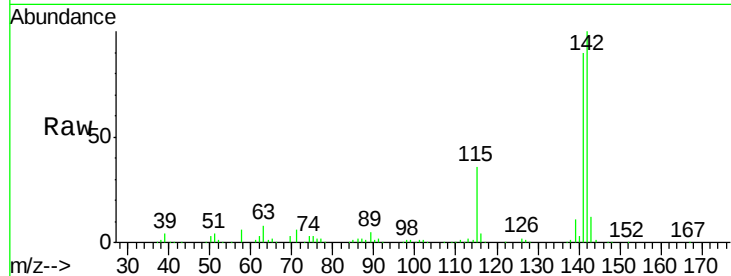




#37
2-Methylnaphthalene
Concen: 37.01 ng
RT: 8.88 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

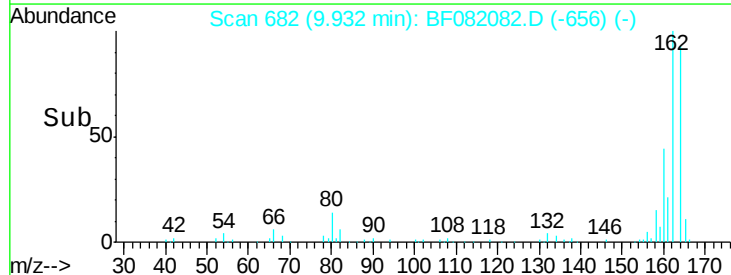
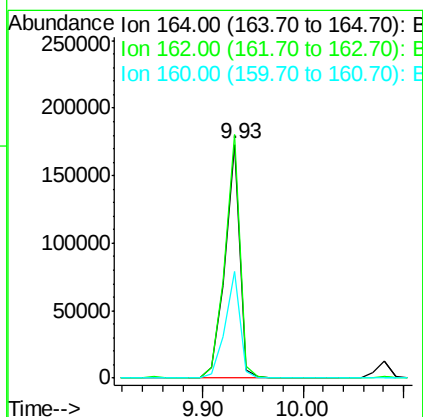
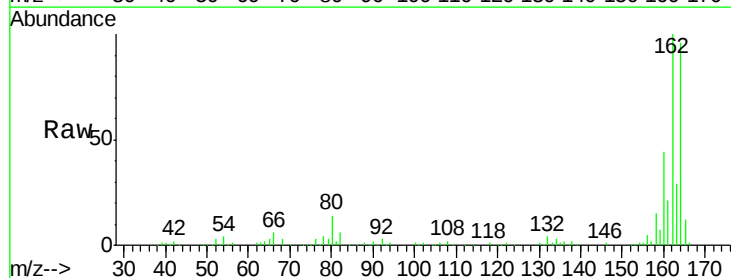
Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion:142 Resp: 391591
Ion Ratio Lower Upper
142 100
141 90.0 67.5 101.3
115 36.4 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: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:164 Resp: 177352
Ion Ratio Lower Upper
164 100
162 104.1 75.2 112.8
160 45.4 31.5 47.3

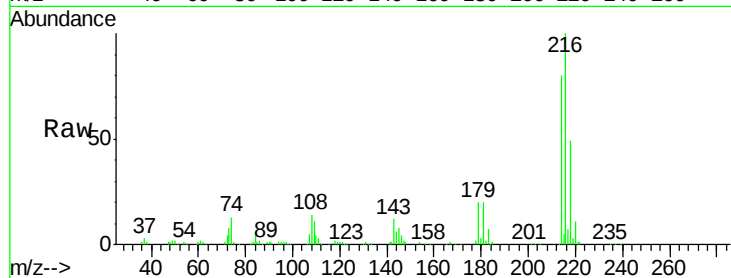




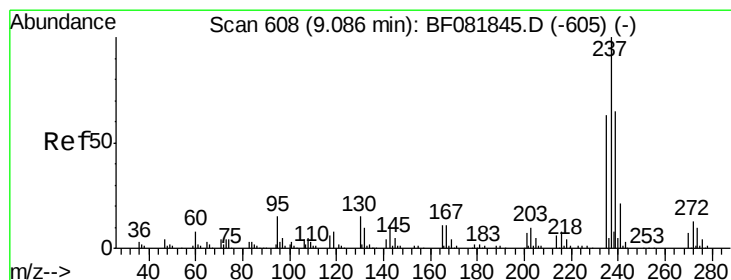
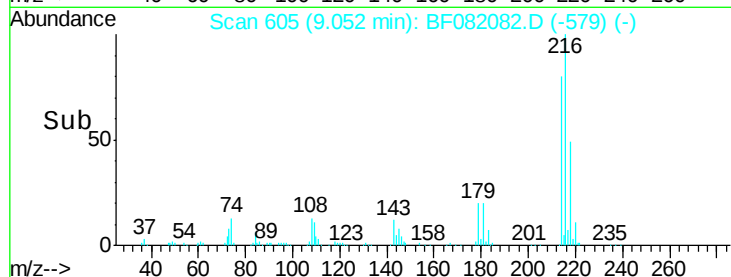
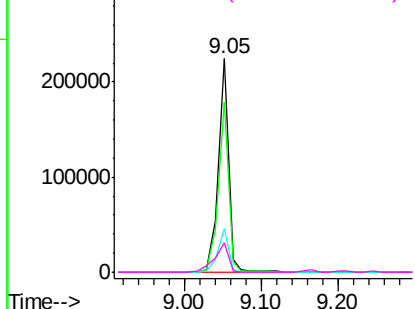
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.33 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion:	216	Resp:	208675
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.5	95.3
179	20.8	16.6	24.8
108	17.8	16.3	24.5

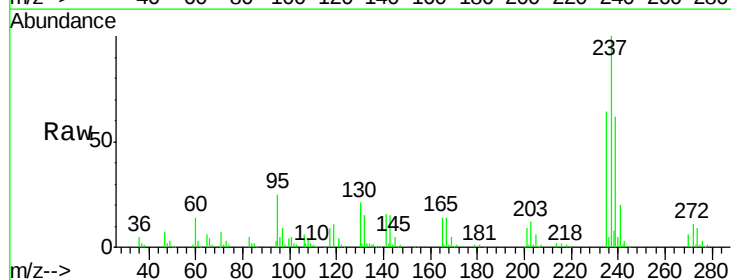


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

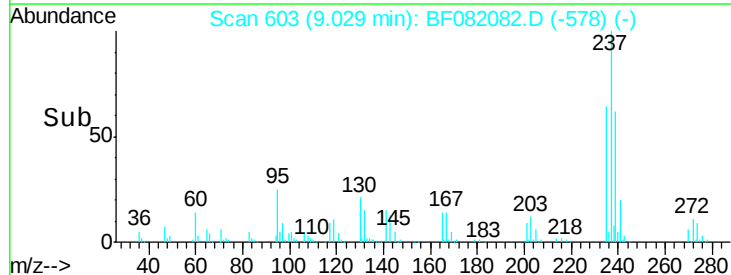
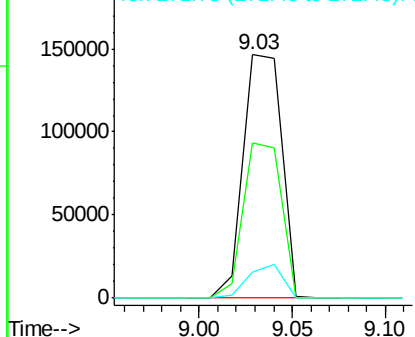


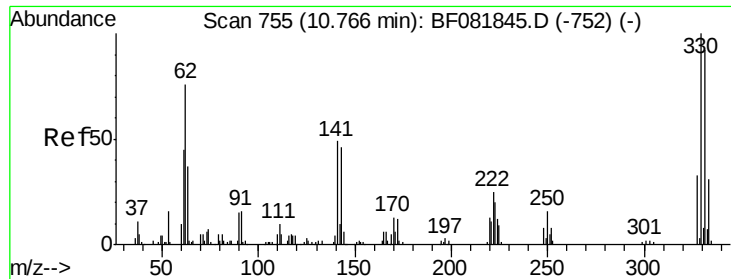
#40
 Hexachlorocyclopentadiene
 Concen: 74.70 ng
 RT: 9.03 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:	237	Resp:	209461
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.0	82.0
272	10.8	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

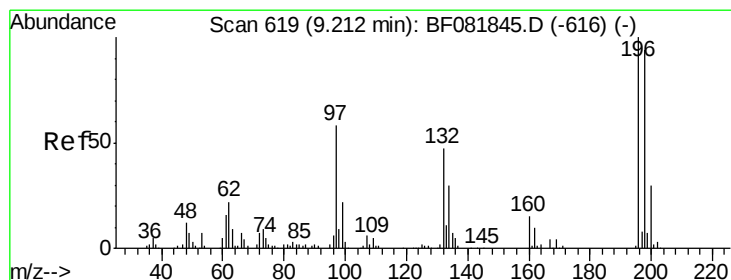
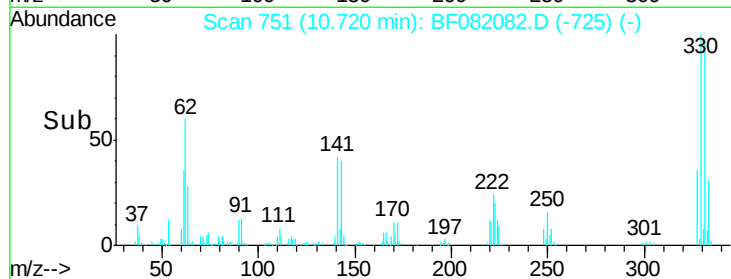
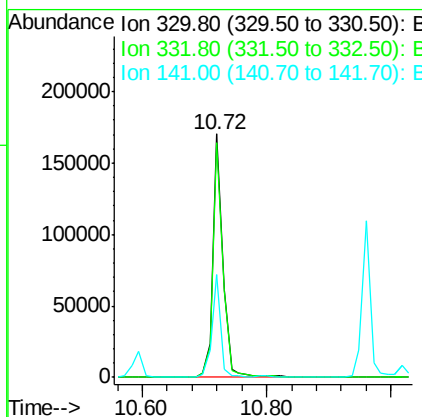
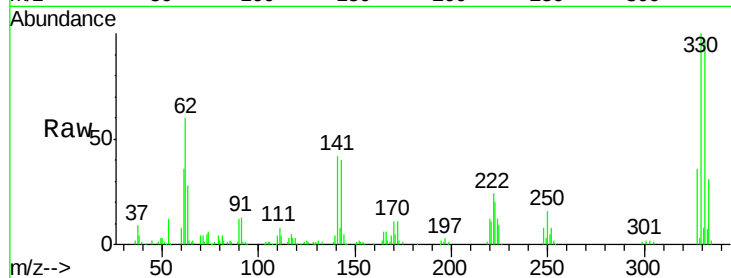




#41
 2,4,6-Tribromophenol
 Concen: 105.49 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

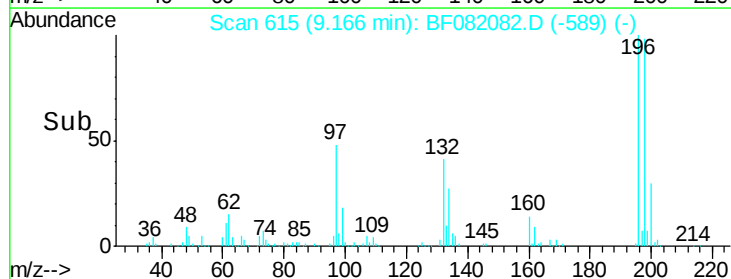
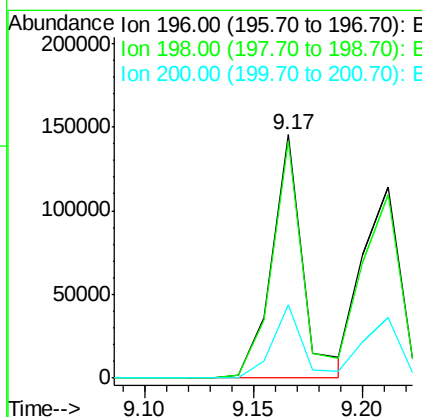
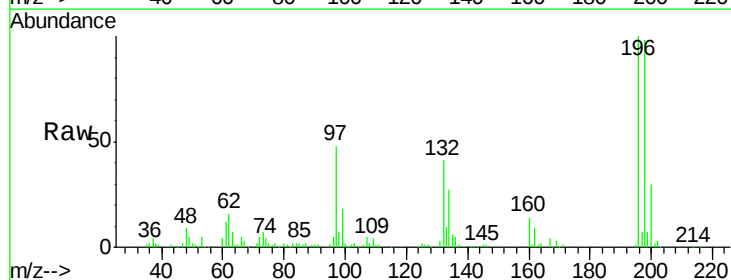
Instrument :
 BNA_F
 ClientSampled :
 PB85944BS

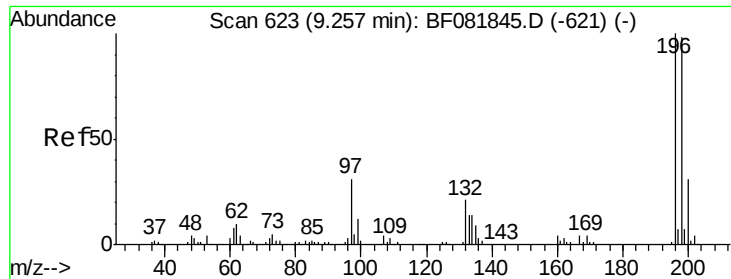
Tot Ion:330 Resp: 189468
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.2 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 38.62 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:196 Resp: 144147
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.7 113.5
 200 30.3 23.9 35.9

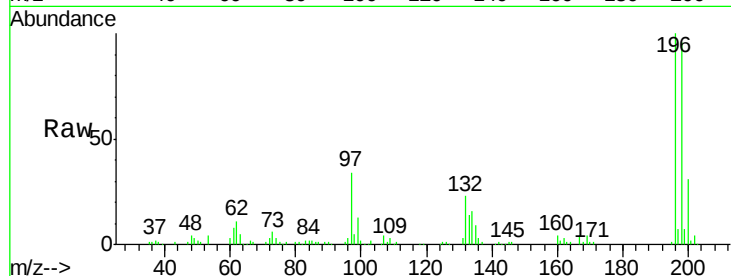




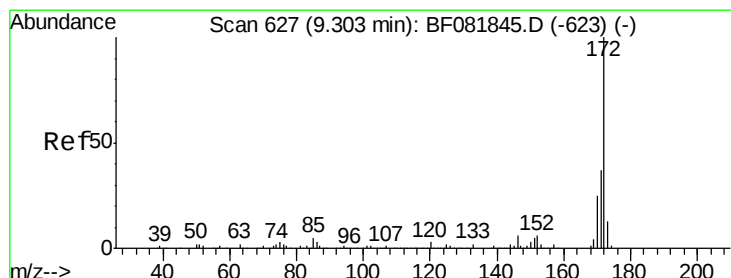
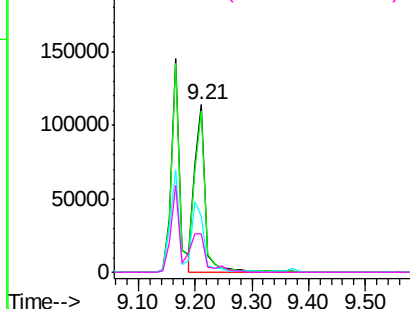
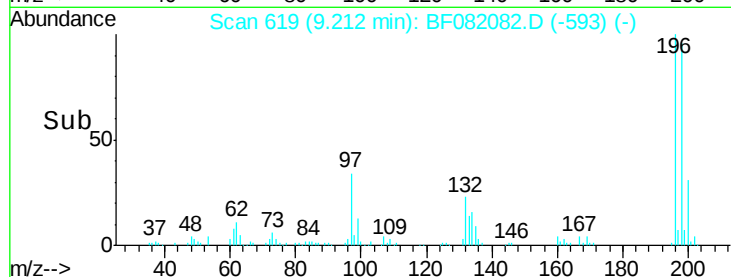
#43
 2,4,5-Trichlorophenol
 Concen: 39.53 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	75.4	113.0
97	33.5	33.3	49.9
132	22.7	24.6	37.0

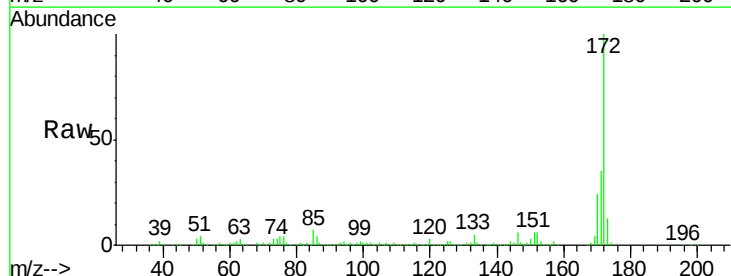


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

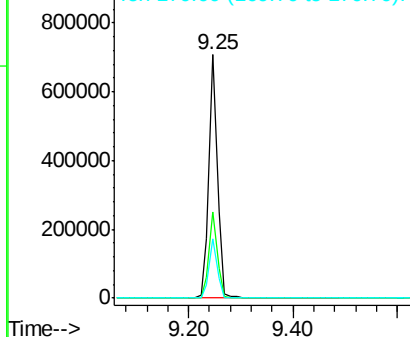
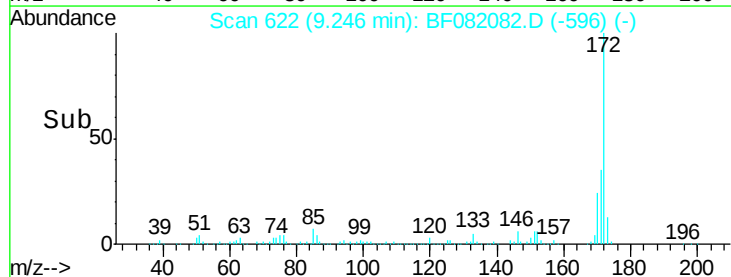


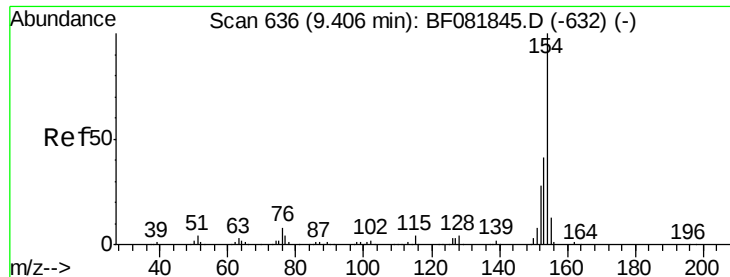
#44
 2-Fluorobiphenyl
 Concen: 74.04 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.2	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

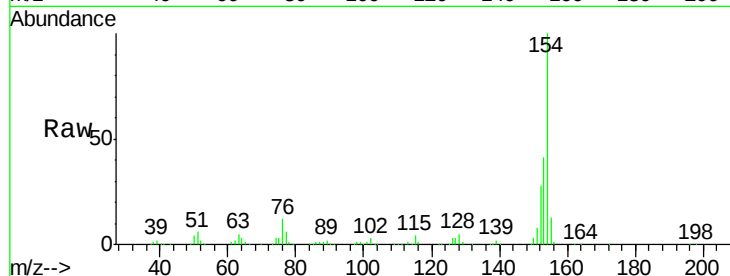




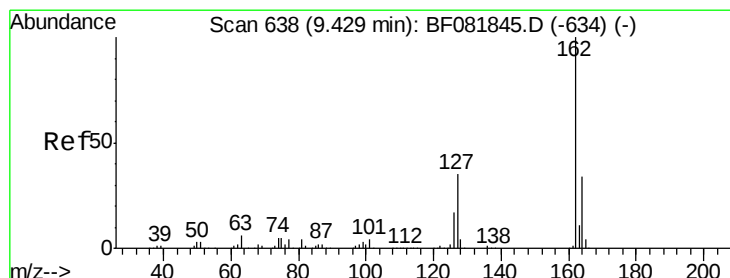
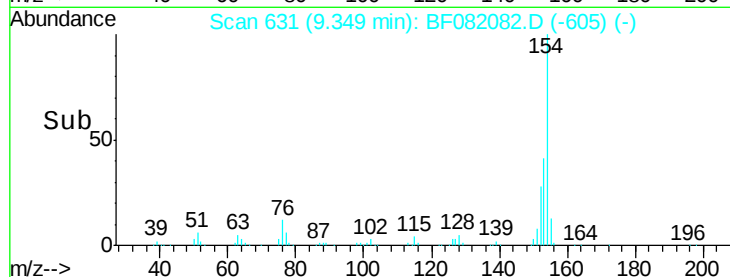
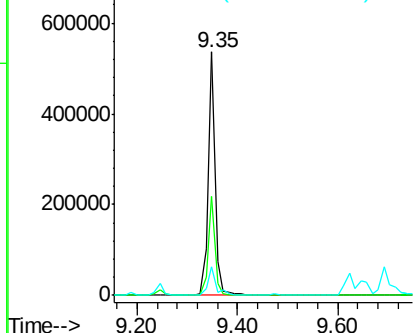
#45
 1,1'-Biphenyl
 Concen: 37.73 ng
 RT: 9.35 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion:154 Resp: 516261
 Ion Ratio Lower Upper
 154 100
 153 40.8 17.1 57.1
 76 11.9 0.0 31.6

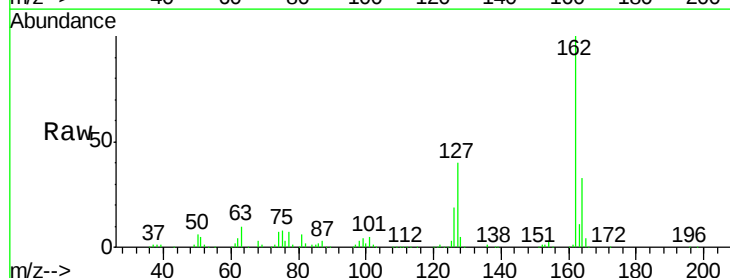


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

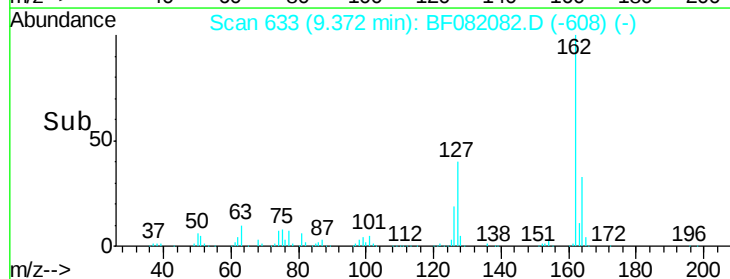
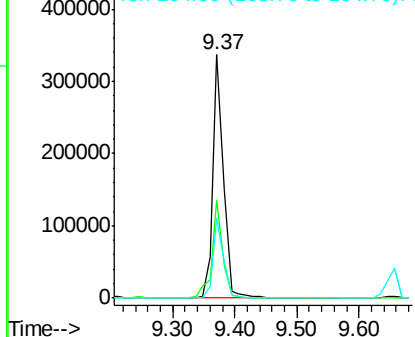


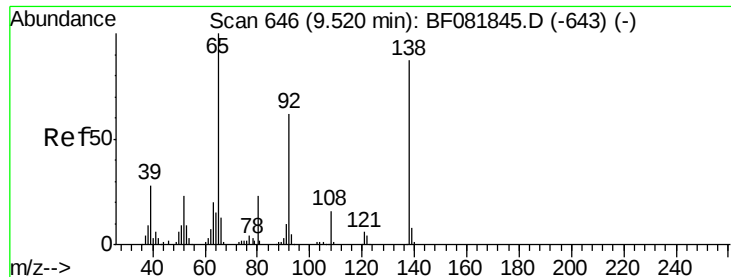
#46
 2-Chloronaphthalene
 Concen: 36.58 ng
 RT: 9.37 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:162 Resp: 393007
 Ion Ratio Lower Upper
 162 100
 127 40.4 27.6 41.4
 164 33.0 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

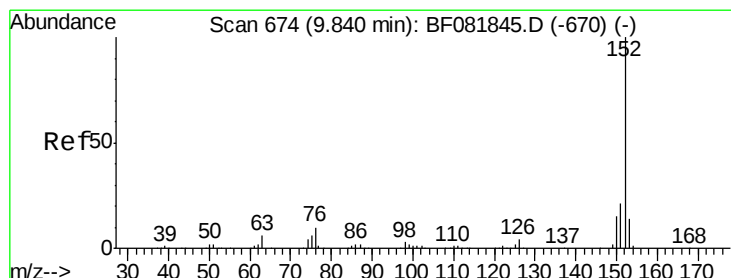
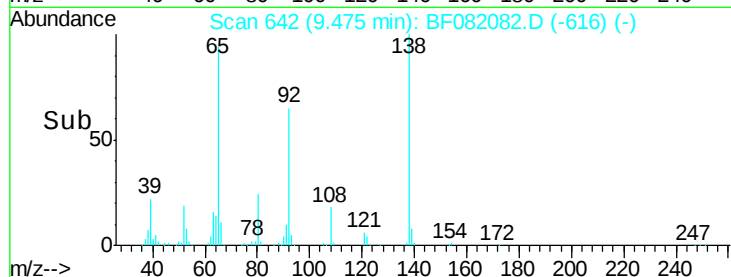
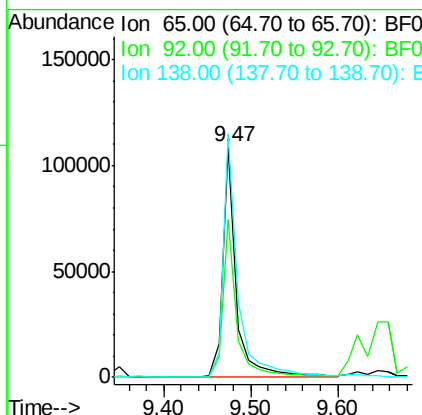
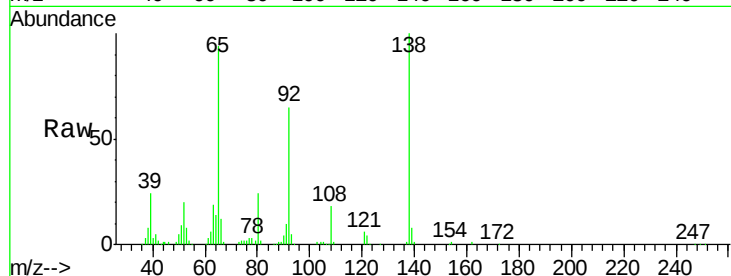




#47
2-Nitroaniline
Concen: 38.17 ng
RT: 9.47 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

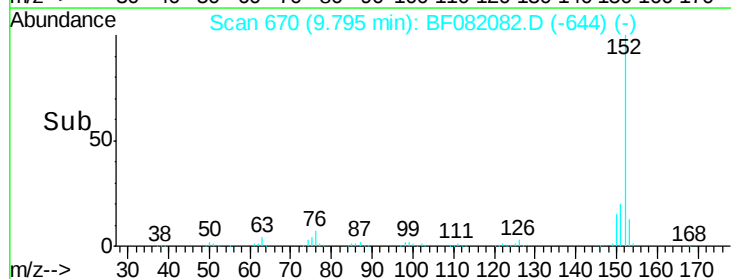
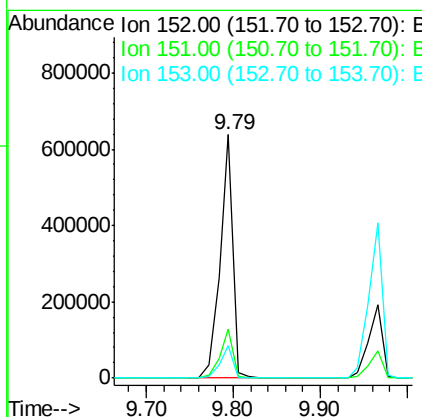
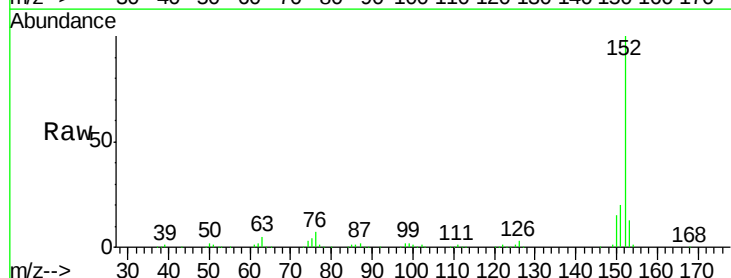
Instrument :
BNA_F
ClientSampleId :
PB85944BS

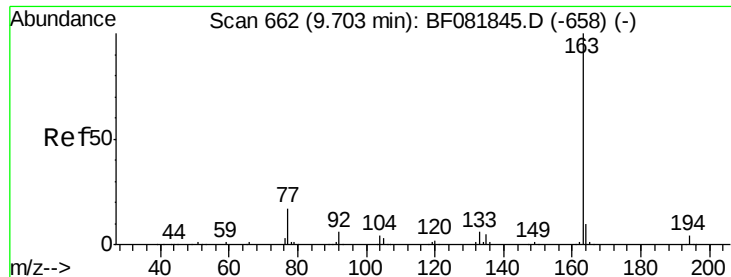
Tot Ion: 65 Resp: 120389
Ion Ratio Lower Upper
65 100
92 68.8 55.4 83.0
138 106.0 115.5 173.3#



#48
Acenaphthylene
Concen: 38.72 ng
RT: 9.79 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion: 152 Resp: 665871
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.4 10.3 15.5





#49

Dimethylphthalate

Concen: 41.33 ng

RT: 9.66 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleID :

PB85944BS

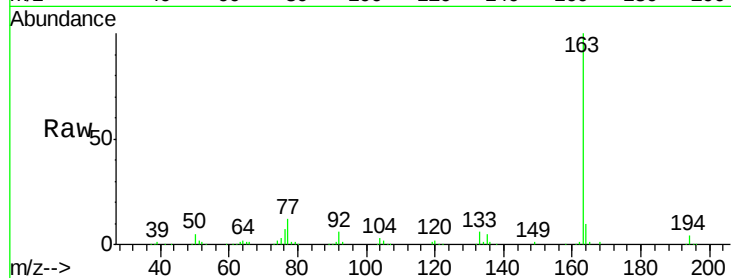
Tot Ion:163 Resp: 505919

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

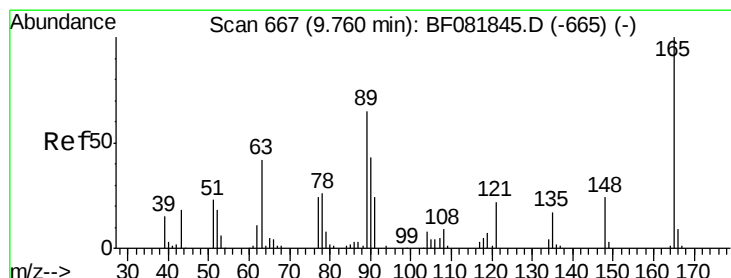
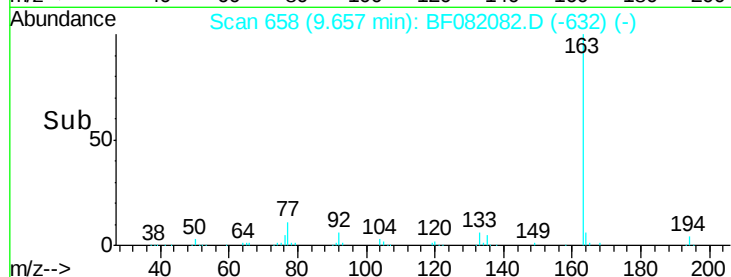
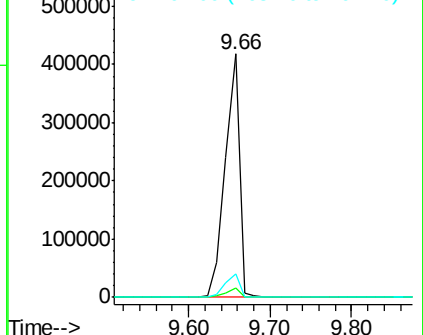
164 9.8 8.3 12.5



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: 37.86 ng

RT: 9.71 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

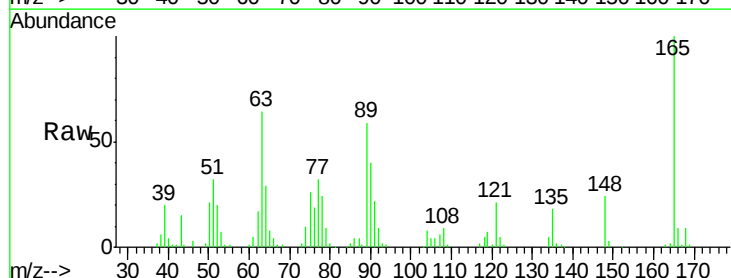
Tgt Ion:165 Resp: 100635

Ion Ratio Lower Upper

165 100

63 64.2 32.3 48.5#

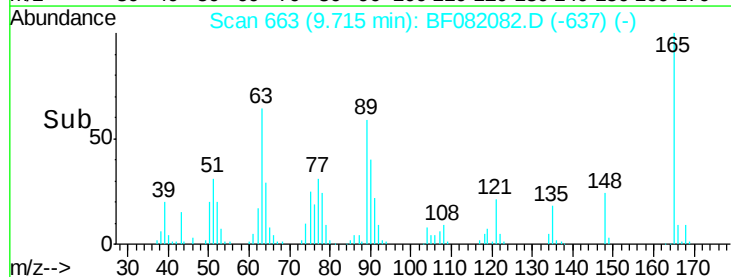
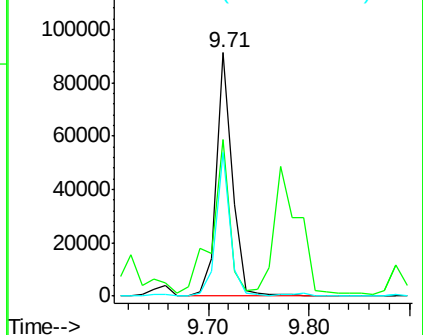
89 59.0 28.6 43.0#

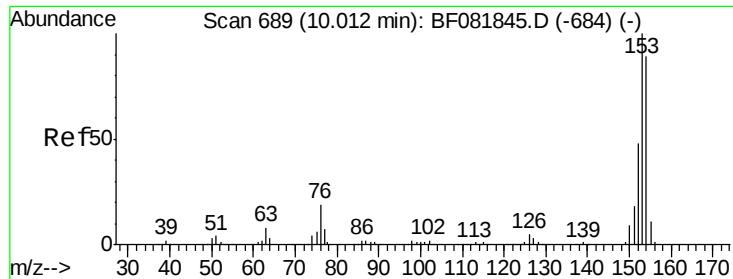


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

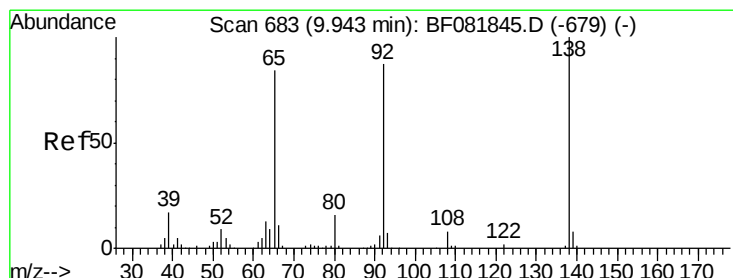
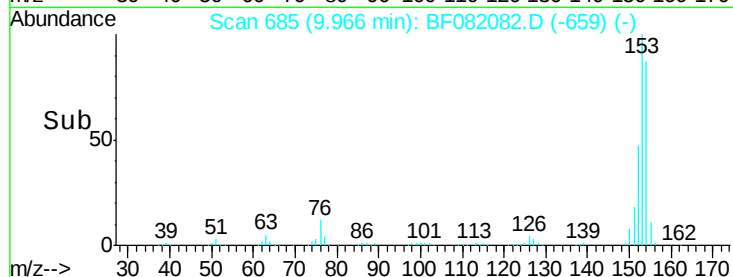
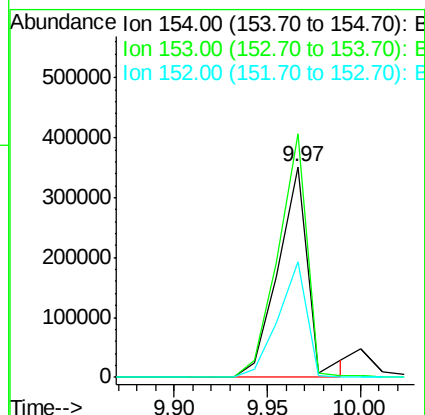
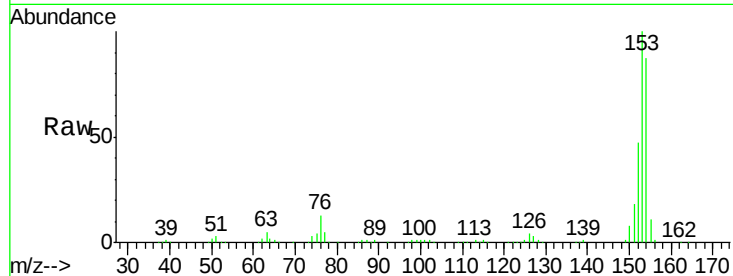




#51
Acenaphthene
Concen: 38.95 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

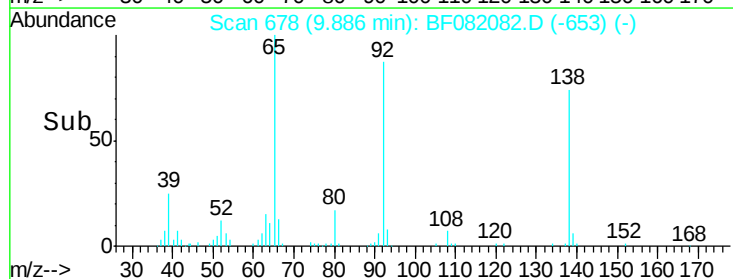
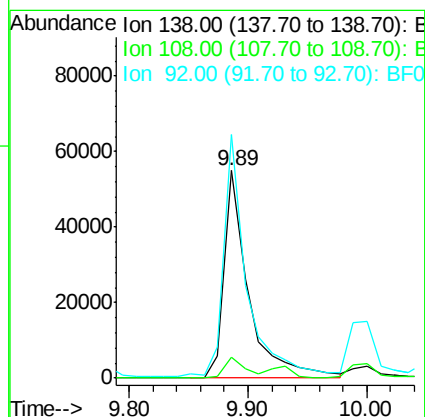
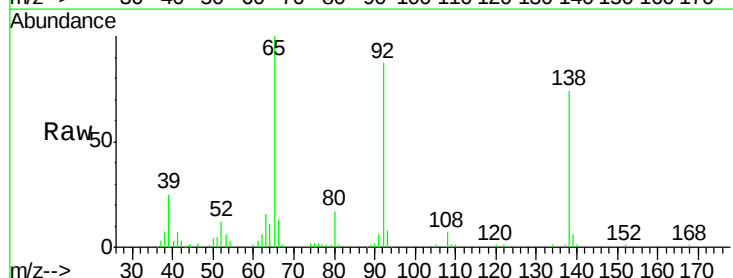
Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion:154 Resp: 397689
Ion Ratio Lower Upper
154 100
153 115.5 82.1 123.1
152 54.8 37.9 56.9



#52
3-Nitroaniline
Concen: 25.63 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:138 Resp: 78811
Ion Ratio Lower Upper
138 100
108 10.0 5.7 8.5#
92 117.5 67.7 101.5#

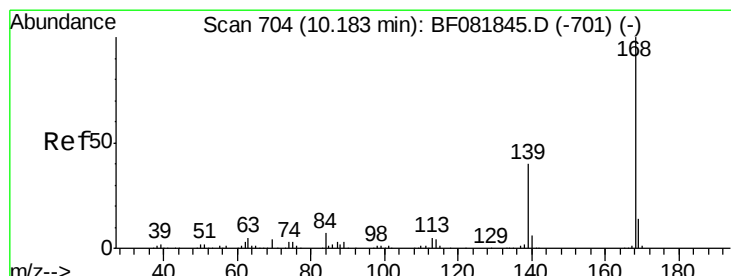
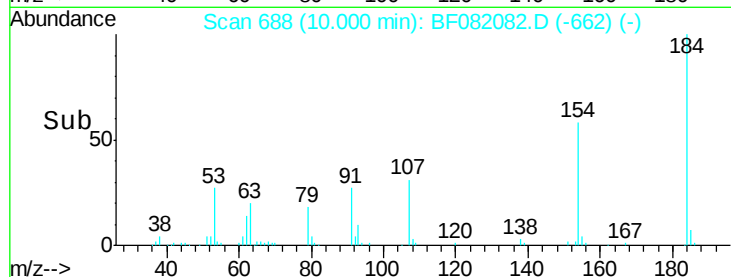
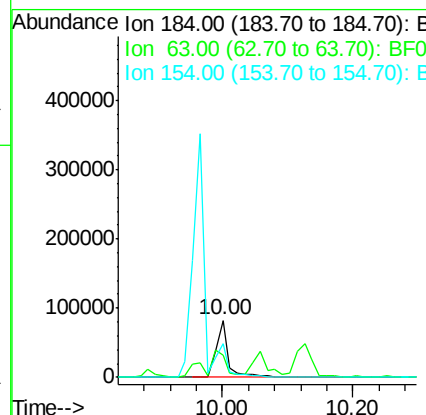
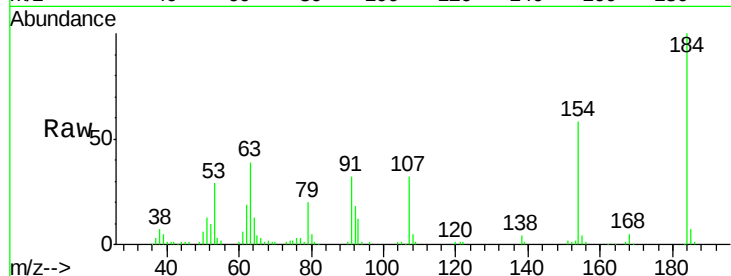




#53
 2,4-Dinitrophenol
 Concen: 82.96 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

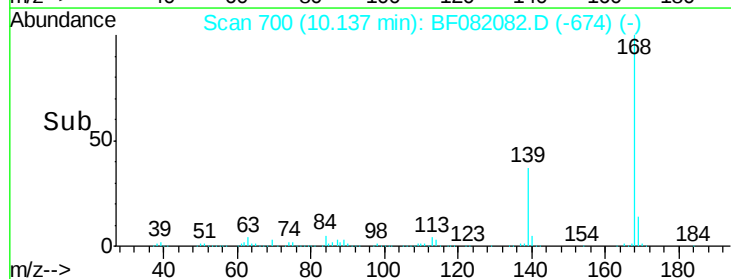
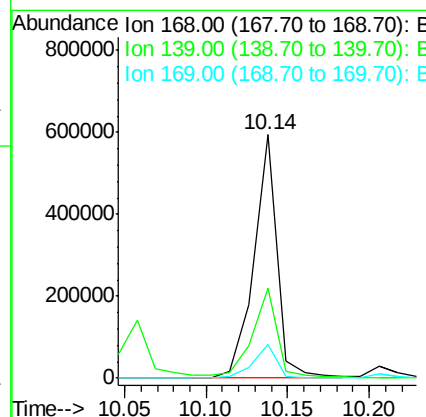
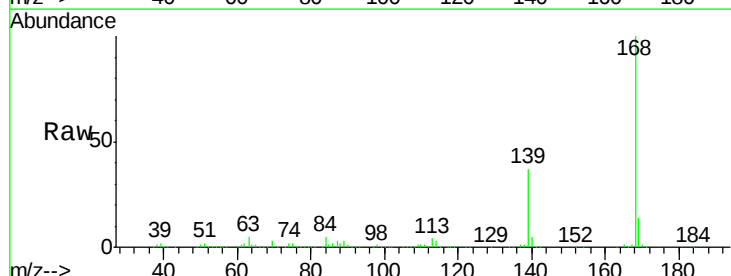
Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion:184 Resp: 110211
 Ion Ratio Lower Upper
 184 100
 63 39.4 35.4 53.2
 154 58.0 32.2 48.4#



#54
 Dibenzofuran
 Concen: 40.82 ng
 RT: 10.14 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:168 Resp: 589075
 Ion Ratio Lower Upper
 168 100
 139 37.2 24.2 36.2#
 169 13.6 10.6 15.8

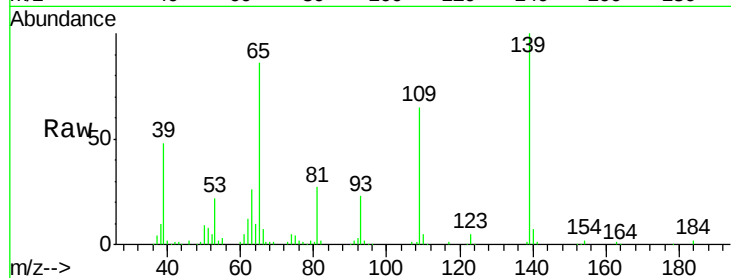




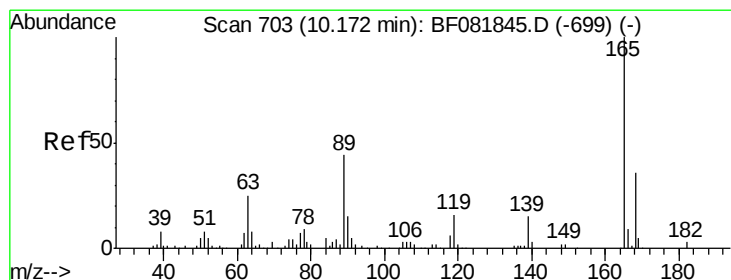
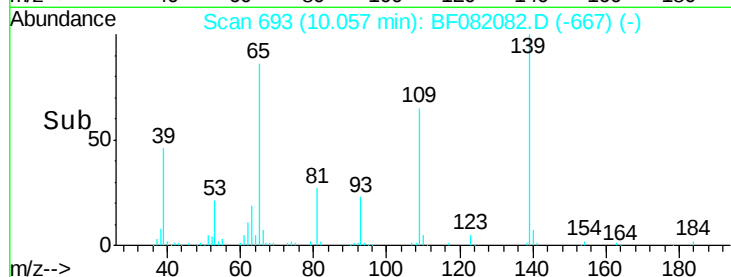
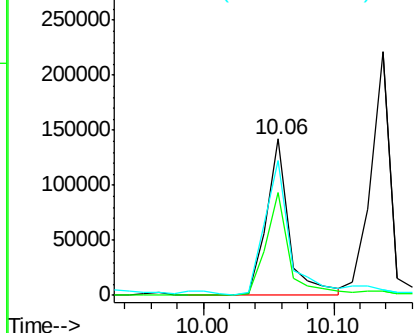
#55
4-Nitrophenol
Concen: 77.72 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion:139 Resp: 172673
Ion Ratio Lower Upper
139 100
109 65.5 12.7 52.7#
65 86.1 45.9 85.9#

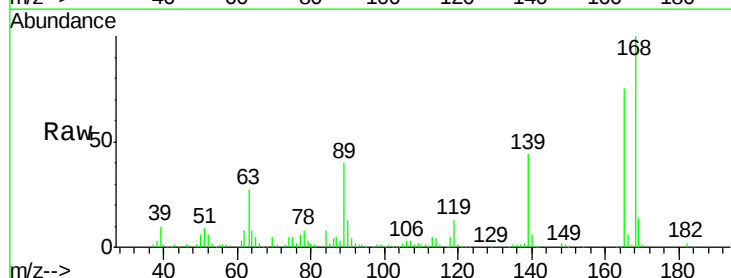


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

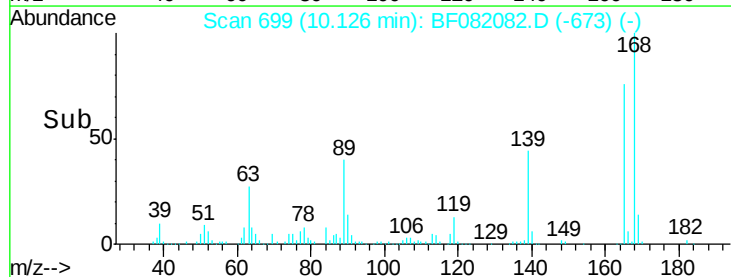
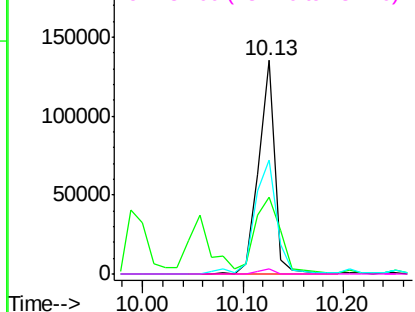


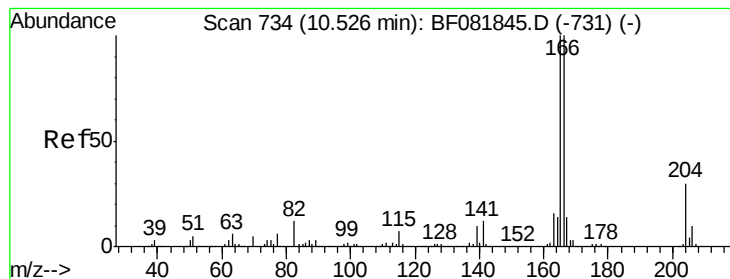
#56
2,4-Dinitrotoluene
Concen: 45.14 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:165 Resp: 152940
Ion Ratio Lower Upper
165 100
63 35.8 29.8 44.6
89 53.1 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: 46.19 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

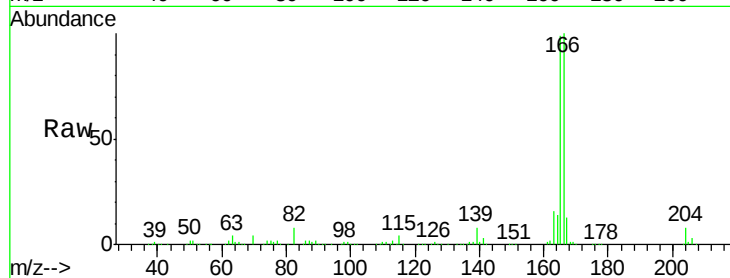
Tot Ion:166 Resp: 476162

Ion Ratio Lower Upper

166 100

165 98.7 72.6 109.0

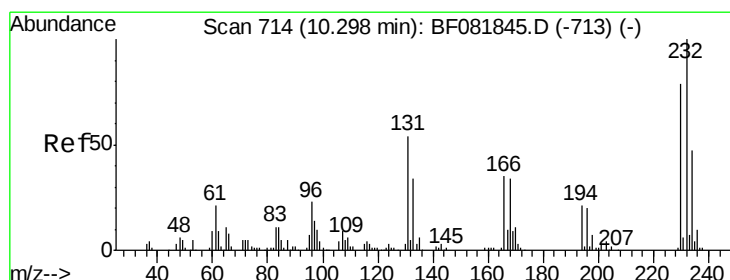
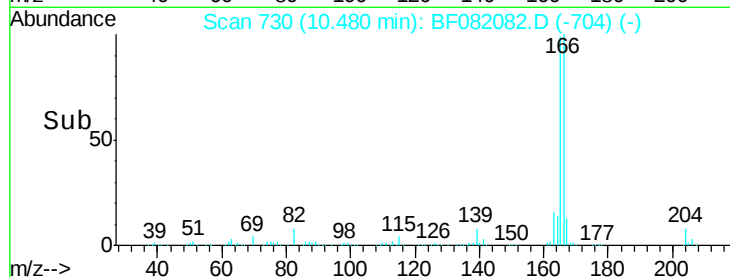
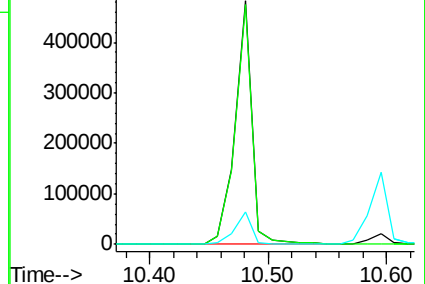
167 13.1 10.6 16.0



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: 42.71 ng

RT: 10.25 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Tgt Ion:232 Resp: 130049

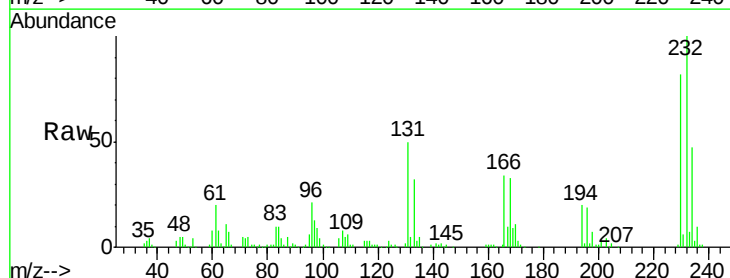
Ion Ratio Lower Upper

232 100

131 44.2 38.5 57.7

130 2.0 1.8 2.6

166 29.7 25.0 37.6

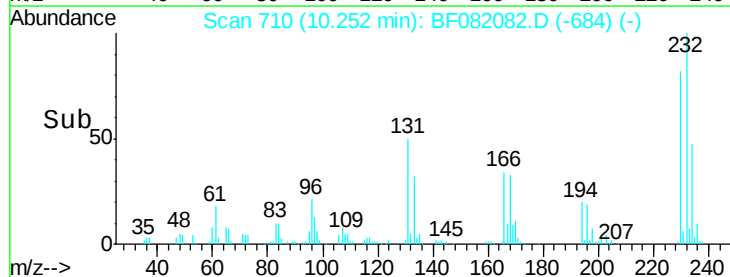
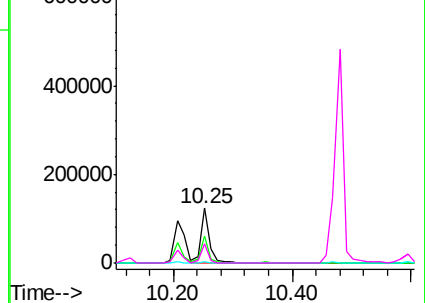


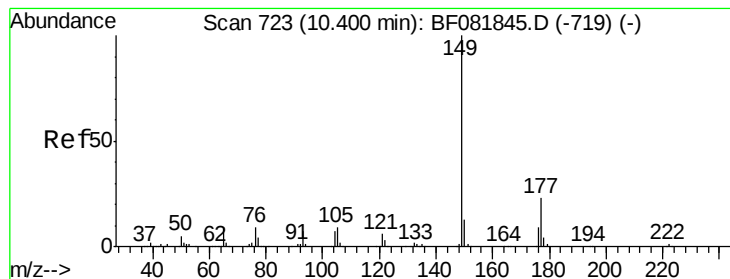
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.61 ng

RT: 10.35 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

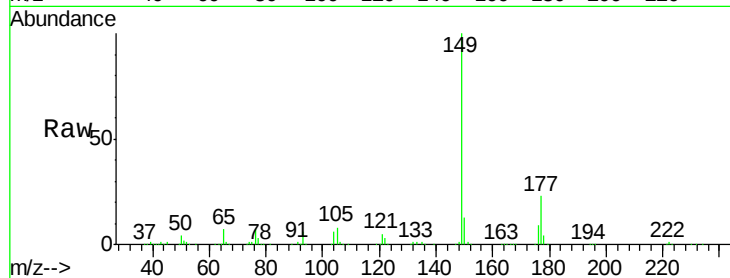
Tot Ion:149 Resp: 498686

Ion Ratio Lower Upper

149 100

177 23.4 17.5 26.3

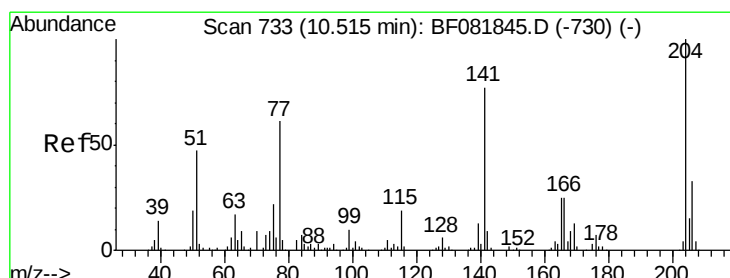
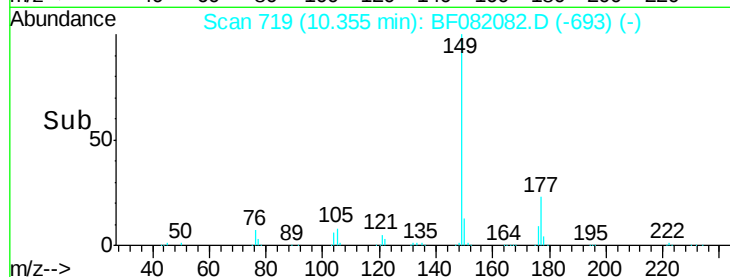
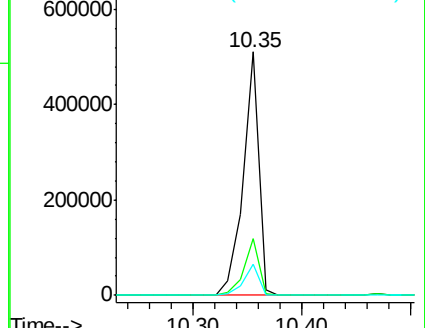
150 12.5 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.61 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

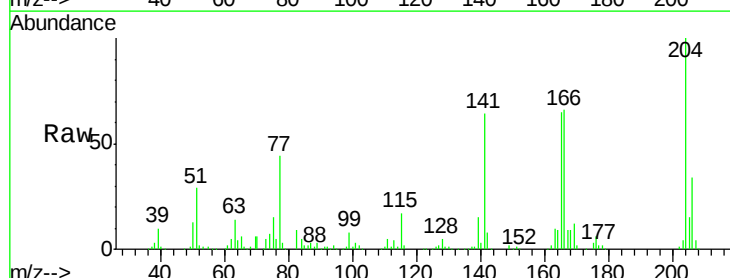
Tgt Ion:204 Resp: 209269

Ion Ratio Lower Upper

204 100

206 33.9 24.8 37.2

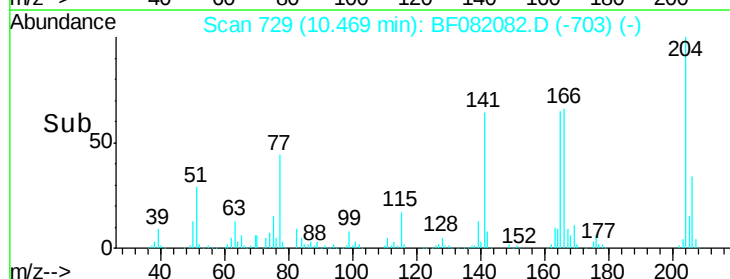
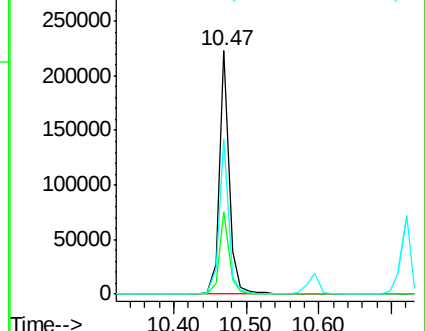
141 64.0 42.2 63.4#

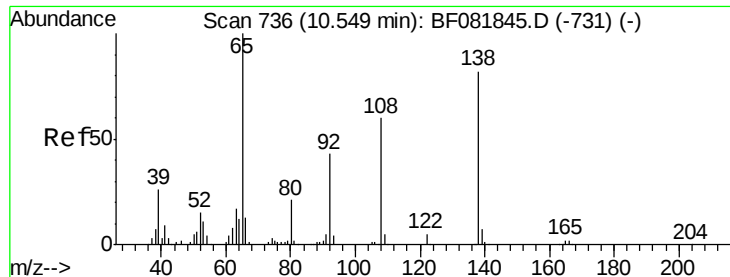


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.82 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

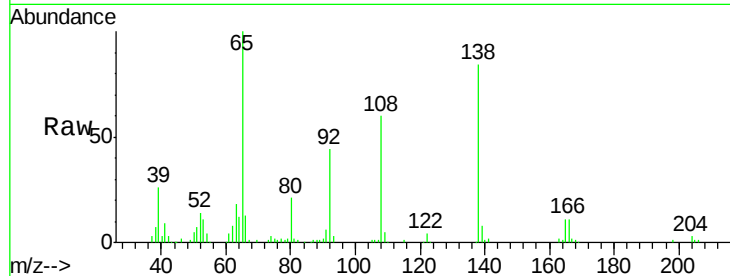
Tot Ion:138 Resp: 113531

Ion Ratio Lower Upper

138 100

92 52.5 12.6 52.6

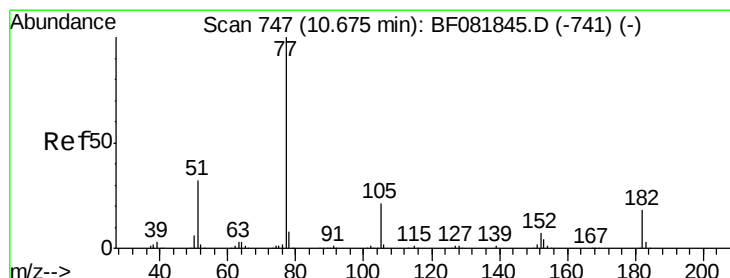
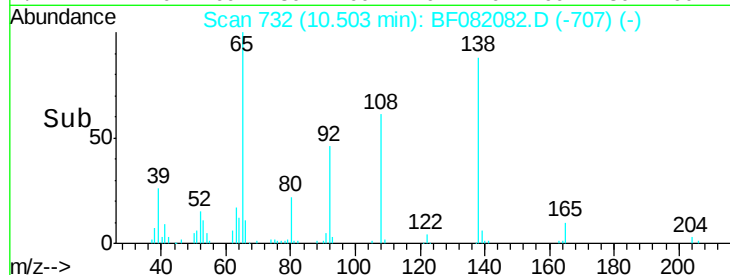
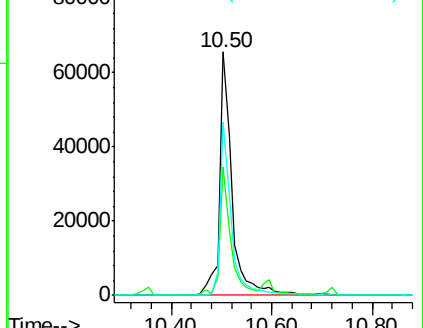
108 71.3 12.4 52.4#



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: 41.00 ng

RT: 10.63 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Tgt Ion: 77 Resp: 457562

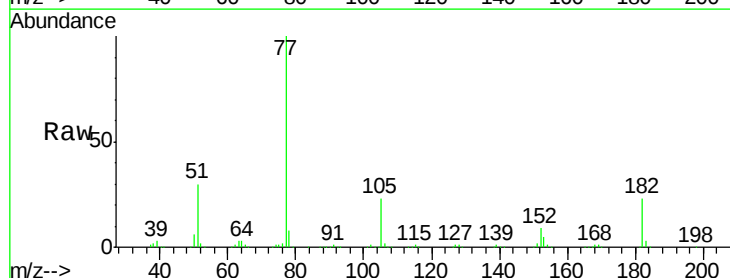
Ion Ratio Lower Upper

77 100

182 23.4 15.1 55.1

105 22.9 3.4 43.4

51 29.9 12.0 52.0

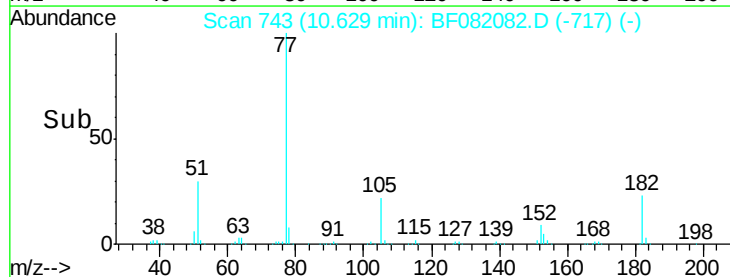
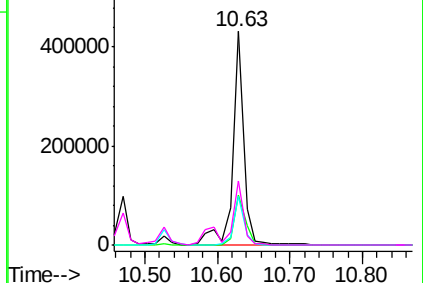


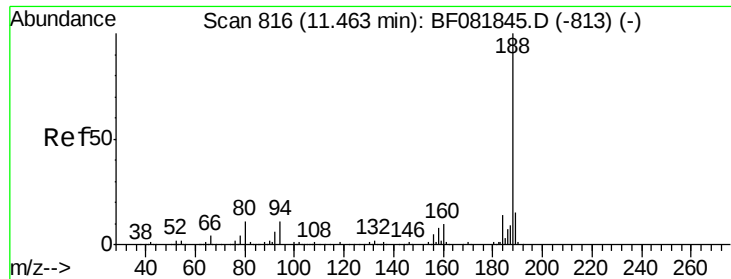
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

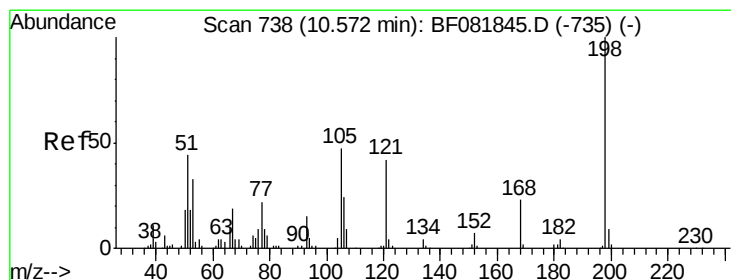
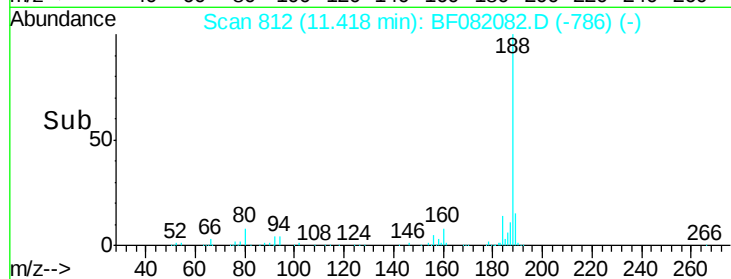
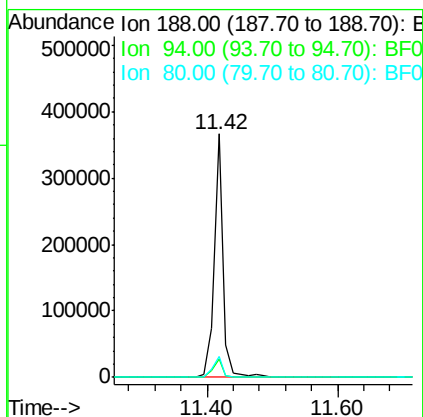
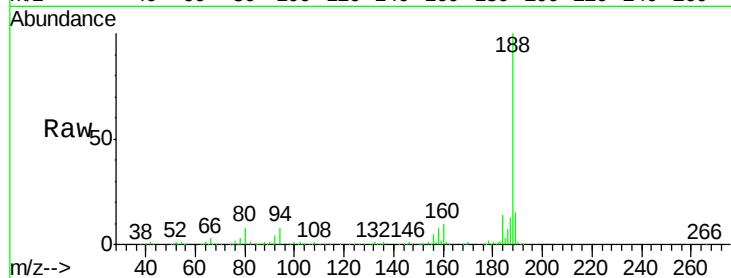




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

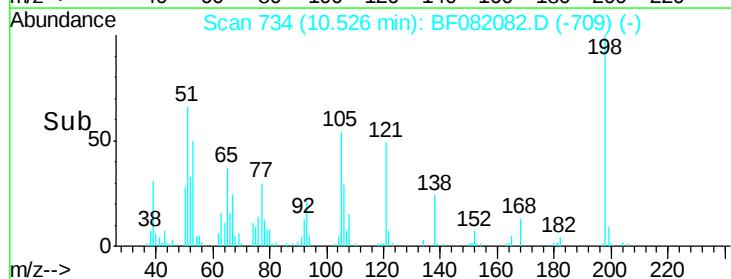
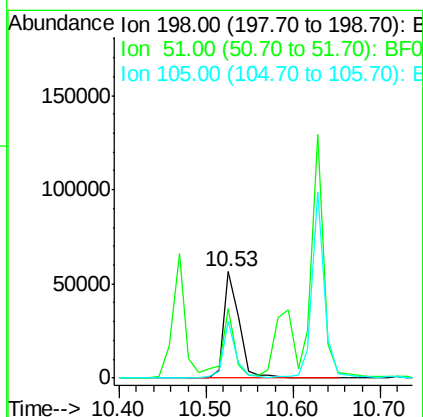
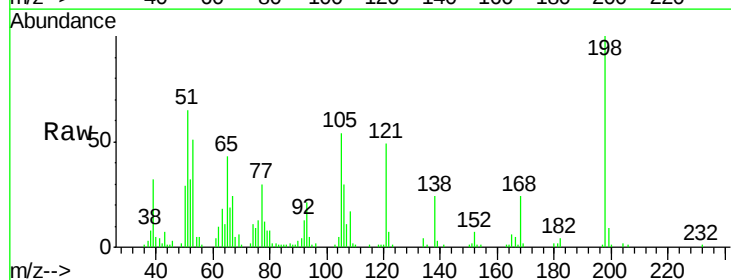
Instrument :
BNA_F
ClientSampleId :
PB85944BS

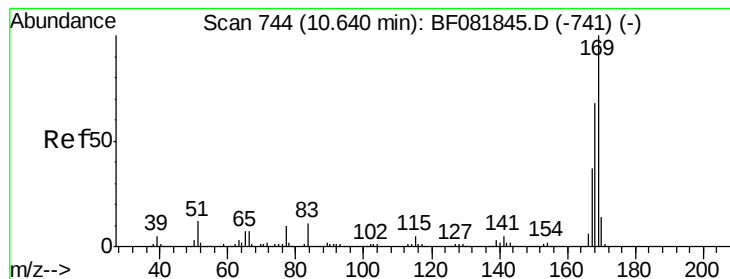
Tot Ion:188 Resp: 356752
Ion Ratio Lower Upper
188 100
94 7.6 11.1 16.7#
80 8.4 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.46 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:198 Resp: 70700
Ion Ratio Lower Upper
198 100
51 65.0 39.6 79.6
105 53.5 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 38.95 ng

RT: 10.59 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

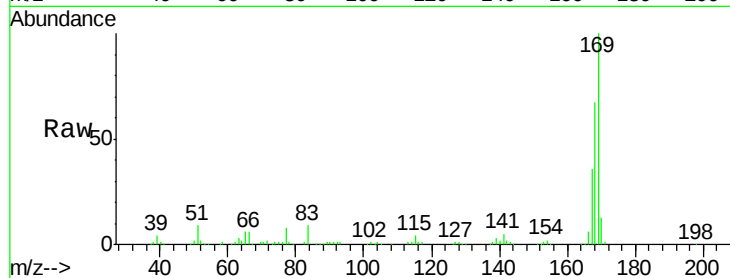
Tot Ion:169 Resp: 420411

Ion Ratio Lower Upper

169 100

168 67.4 48.9 73.3

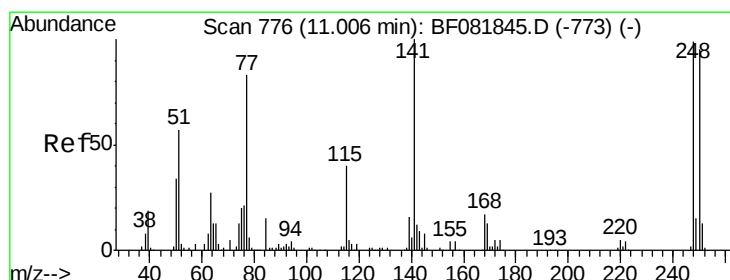
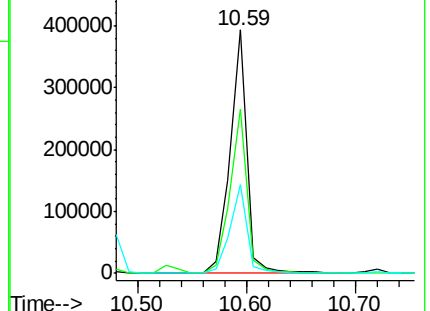
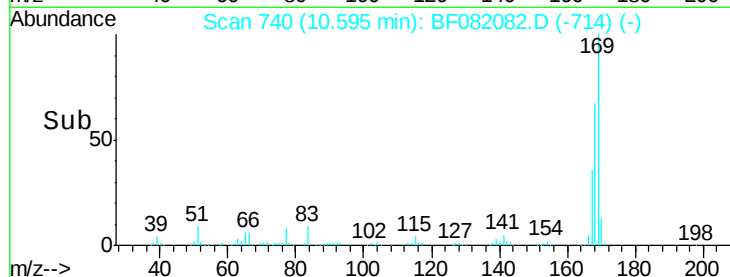
167 36.4 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.45 ng

RT: 10.96 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

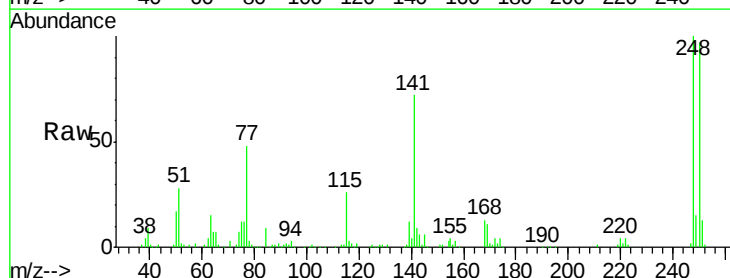
Tgt Ion:248 Resp: 145519

Ion Ratio Lower Upper

248 100

250 97.0 78.5 117.7

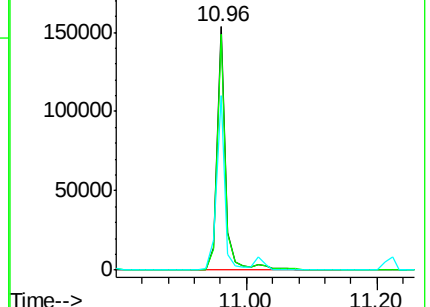
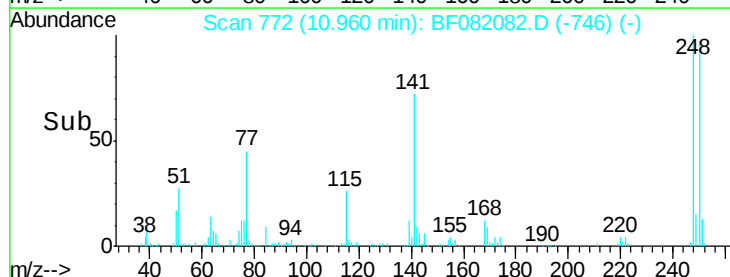
141 71.6 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

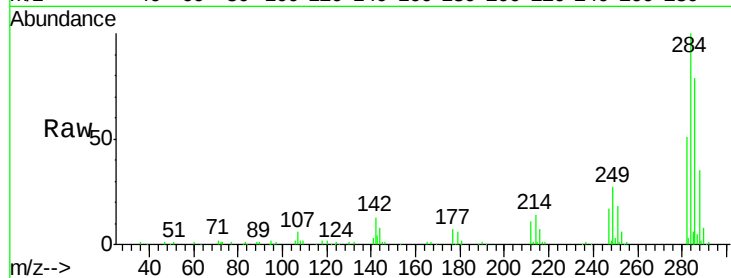




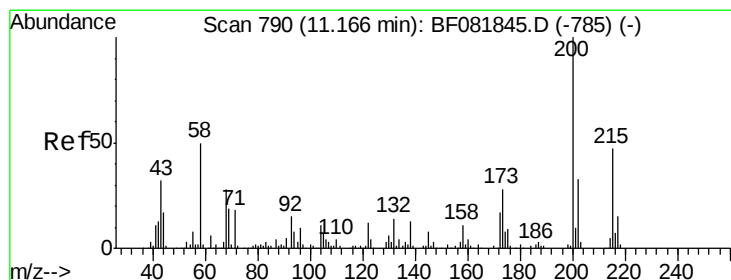
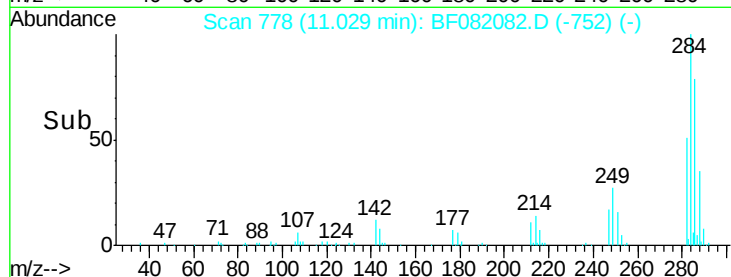
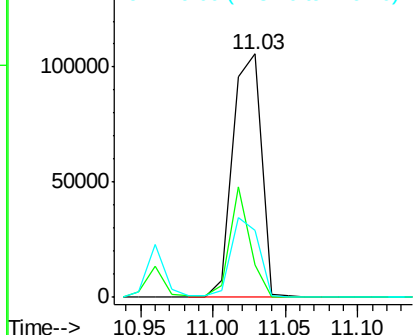
#67
Hexachlorobenzene
Concen: 35.76 ng
RT: 11.03 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Instrument :
BNA_F
ClientSampled :
PB85944BS

Tot Ion:284 Resp: 145168
Ion Ratio Lower Upper
284 100
142 13.5 29.5 44.3#
249 27.3 19.5 29.3

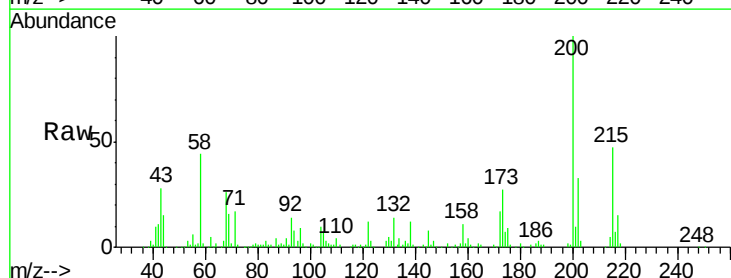


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

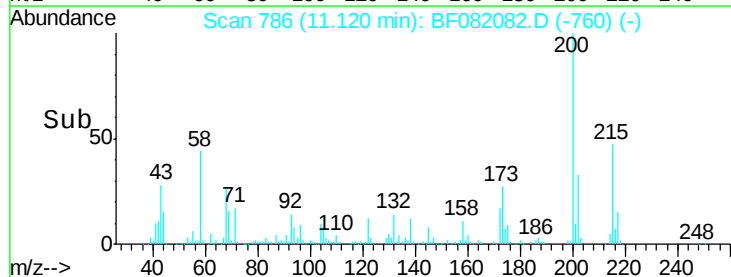
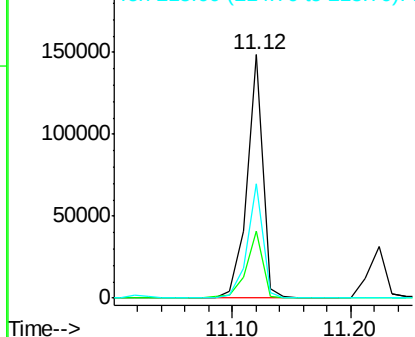


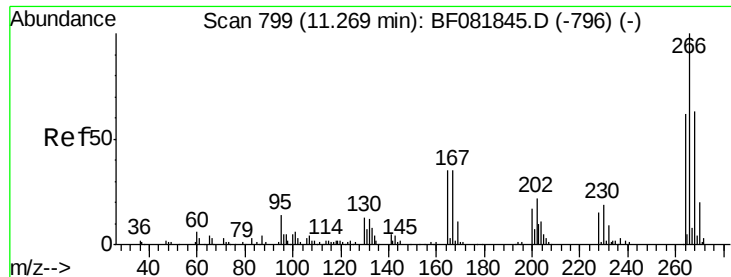
#68
Atrazine
Concen: 41.35 ng
RT: 11.12 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:200 Resp: 138482
Ion Ratio Lower Upper
200 100
173 27.4 13.2 53.2
215 47.2 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

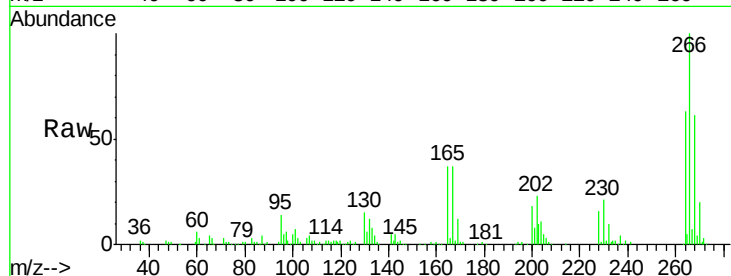




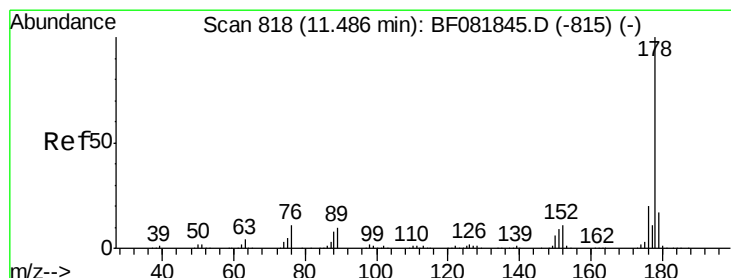
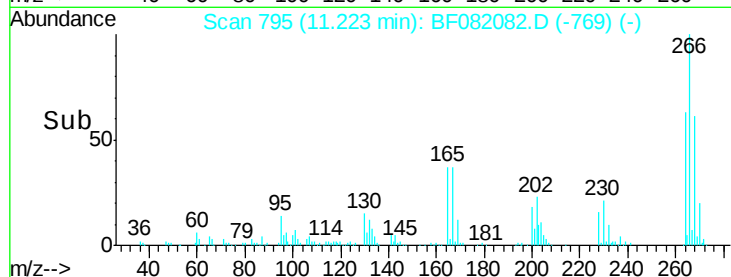
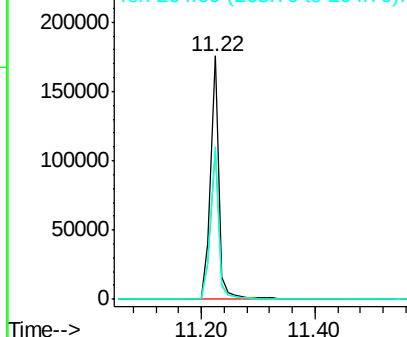
#69
 Pentachlorophenol
 Concen: 74.82 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion:266 Resp: 173070
 Ion Ratio Lower Upper
 266 100
 268 61.4 49.8 74.6
 264 62.7 50.2 75.2

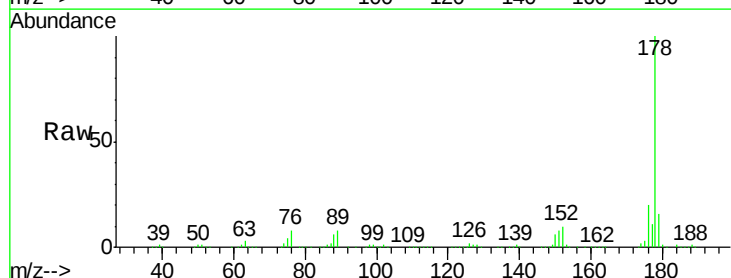


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

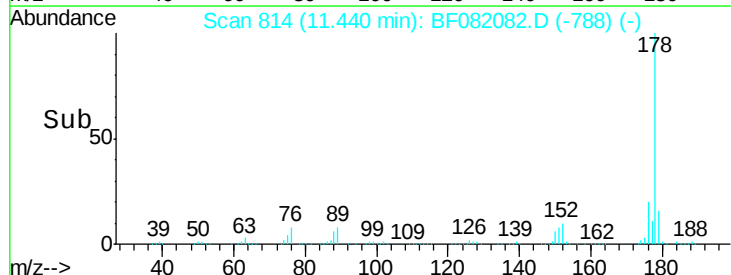
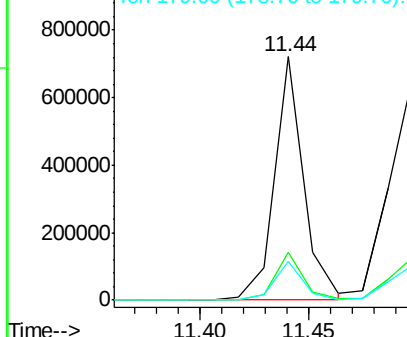


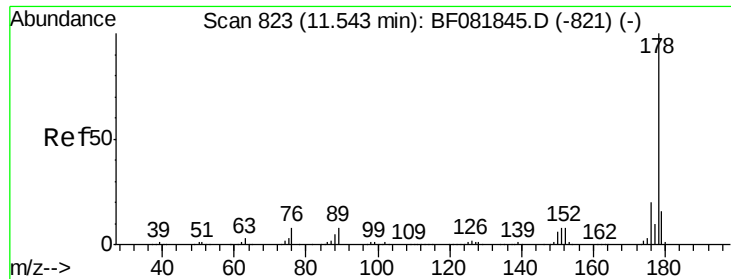
#70
 Phenanthrene
 Concen: 39.05 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:178 Resp: 674271
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.7 12.2 18.2



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

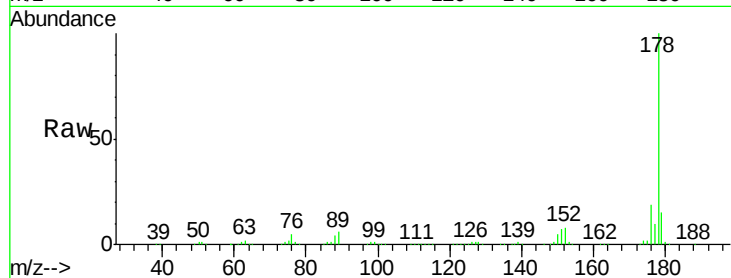




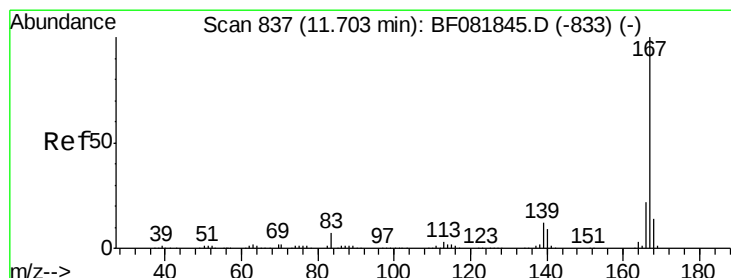
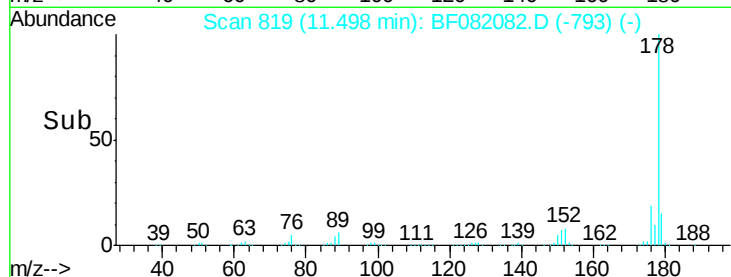
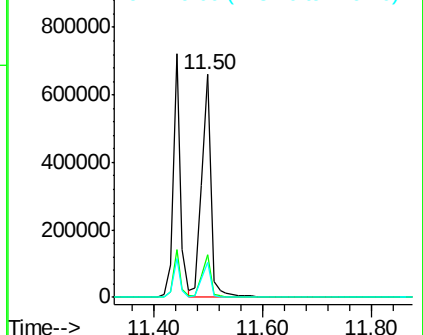
#71
 Anthracene
 Concen: 42.82 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion:178 Resp: 776457
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.1 21.1
 179 15.5 12.2 18.2

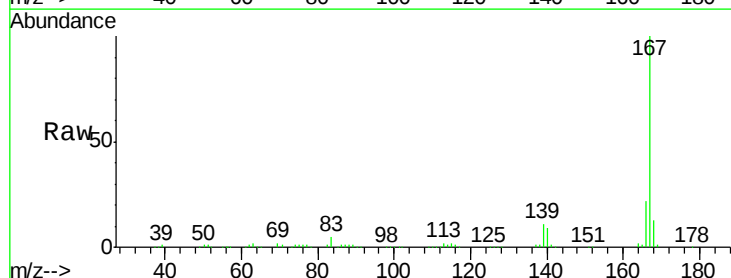


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

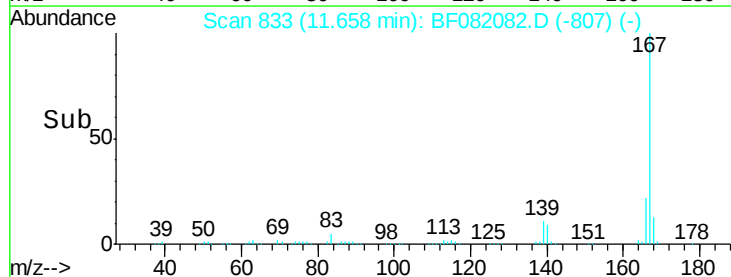
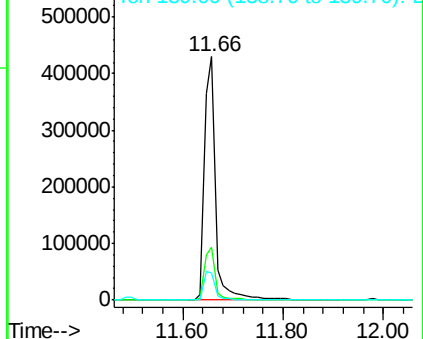


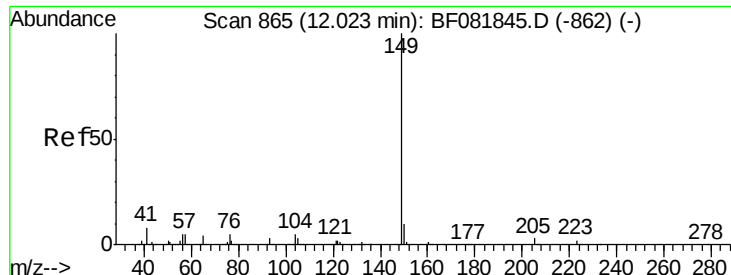
#72
 Carbazole
 Concen: 40.47 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:167 Resp: 664156
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 11.3 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: 47.44 ng

RT: 11.98 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

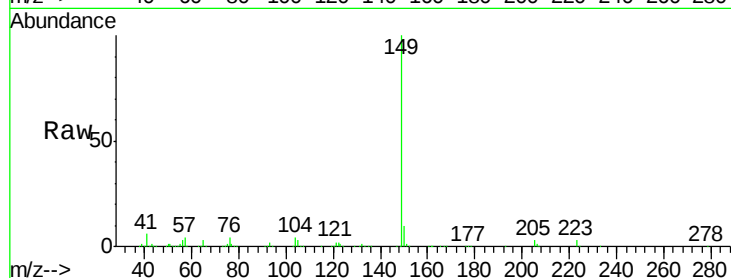
Tot Ion:149 Resp: 791693

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

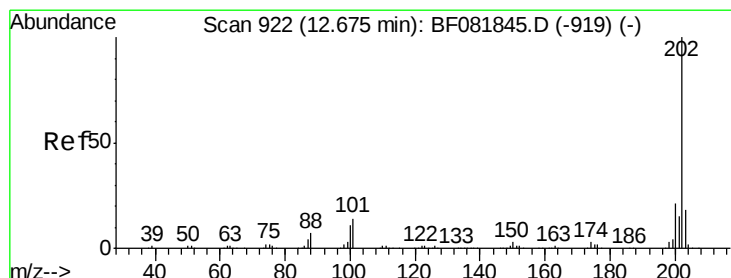
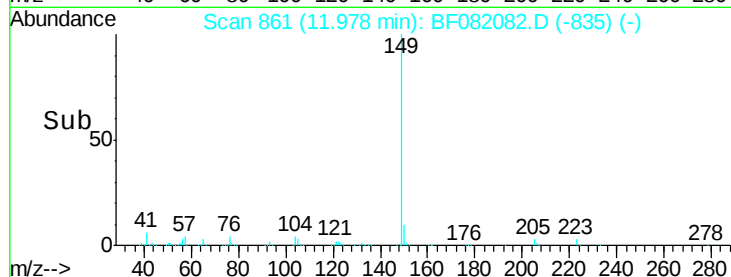
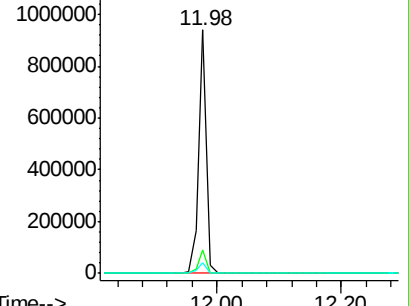
104 4.4 2.4 3.6#



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: 38.67 ng

RT: 12.63 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

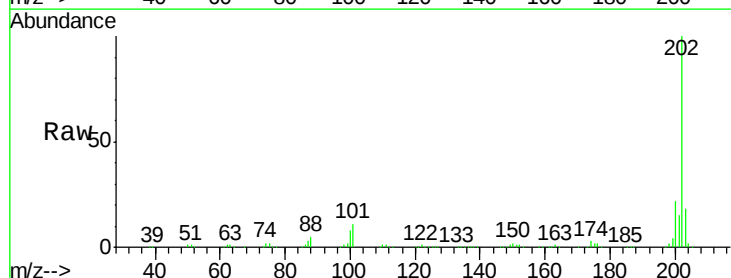
Tgt Ion:202 Resp: 739047

Ion Ratio Lower Upper

202 100

101 11.1 0.0 38.3

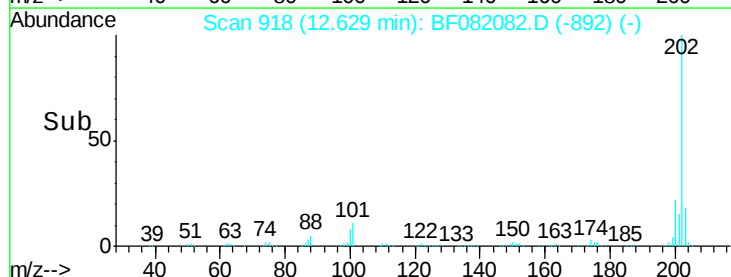
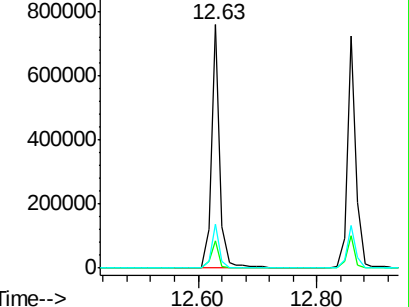
203 18.0 0.0 37.3

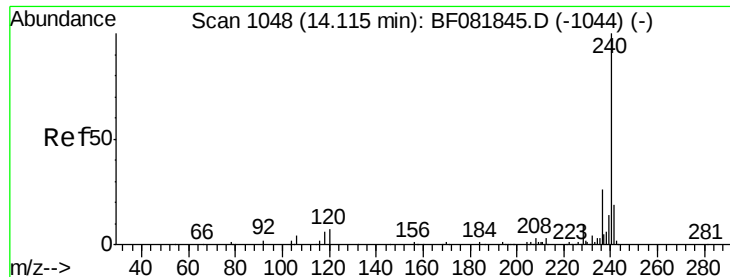


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

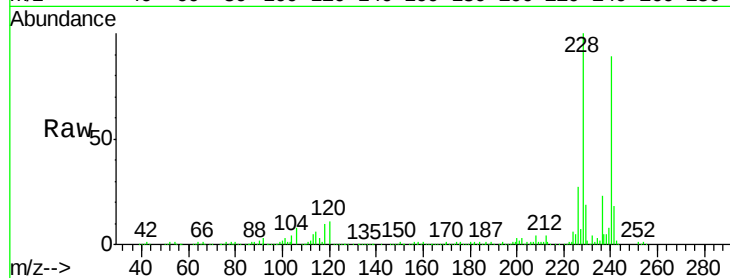
Tot Ion:240 Resp: 332390

Ion Ratio Lower Upper

240 100

120 12.5 16.2 24.2#

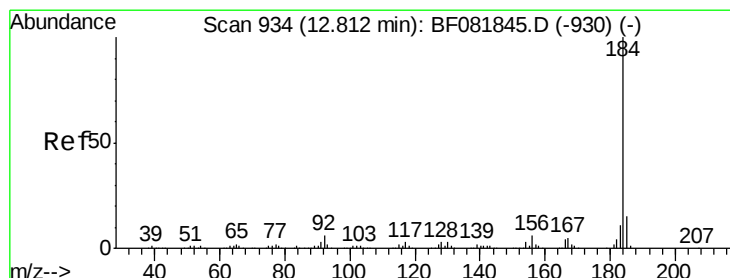
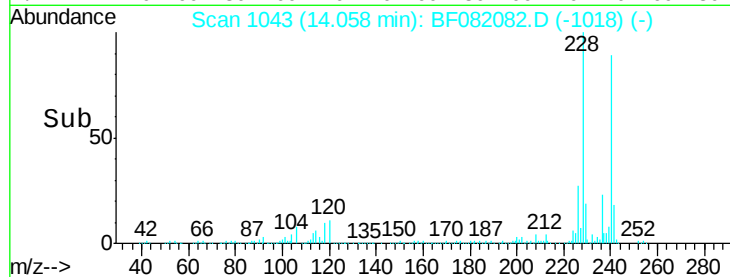
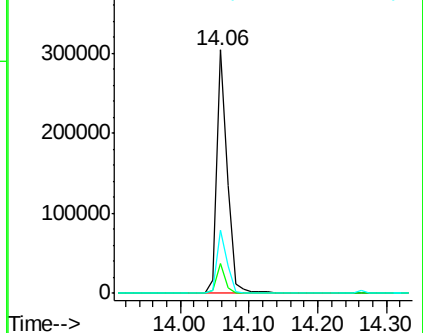
236 26.1 18.4 27.6



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: 34.50 ng

RT: 12.75 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

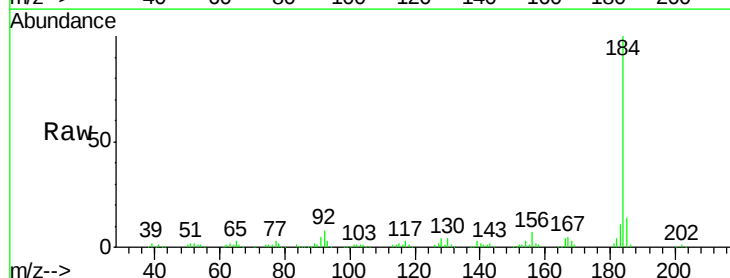
Tgt Ion:184 Resp: 345509

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

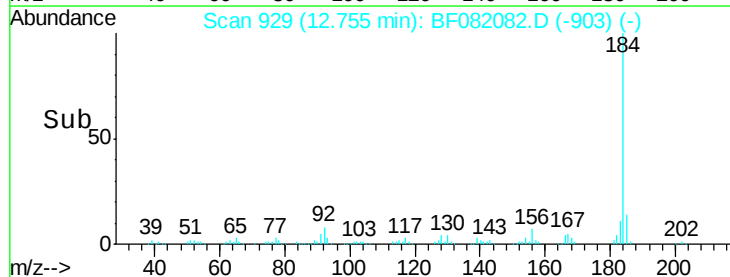
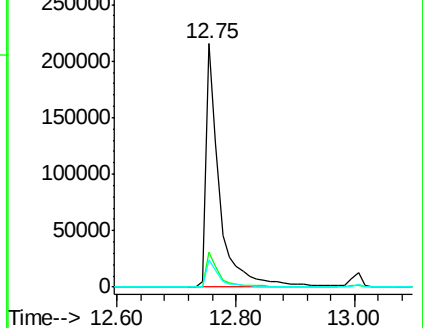
183 11.3 7.6 11.4

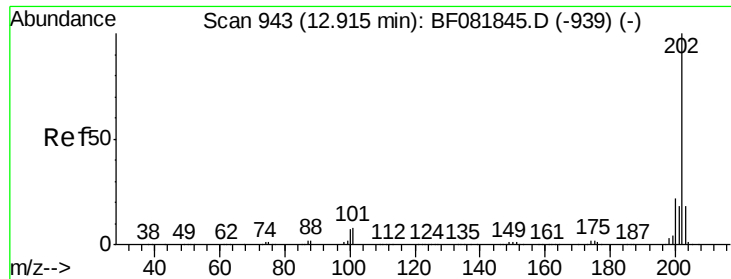


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

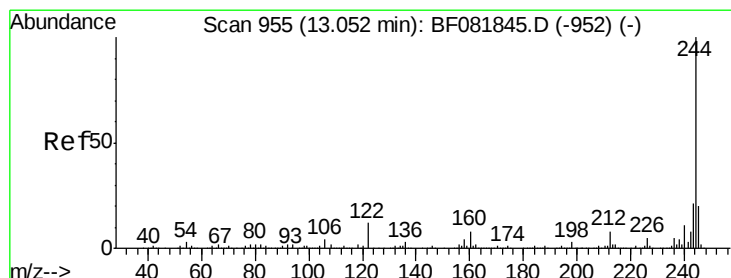
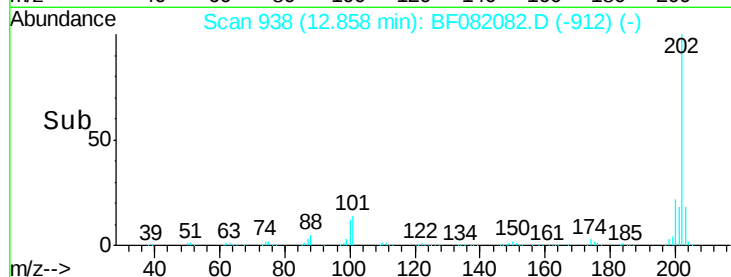
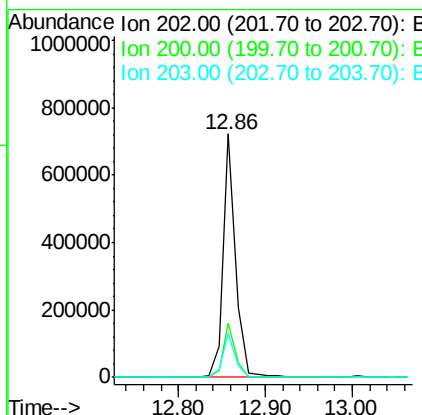
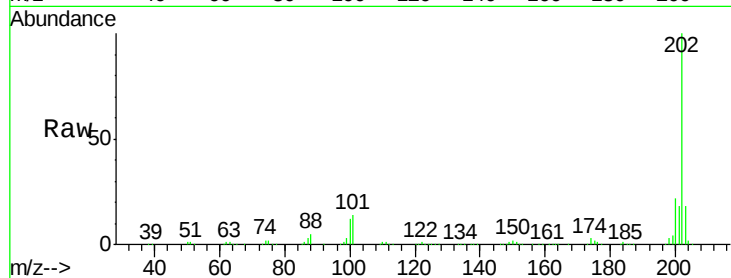




#77
Pvrene
Concen: 36.47 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

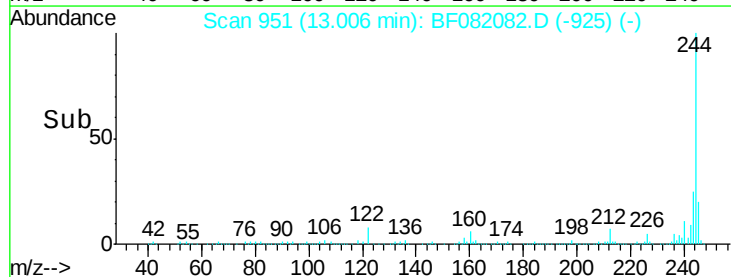
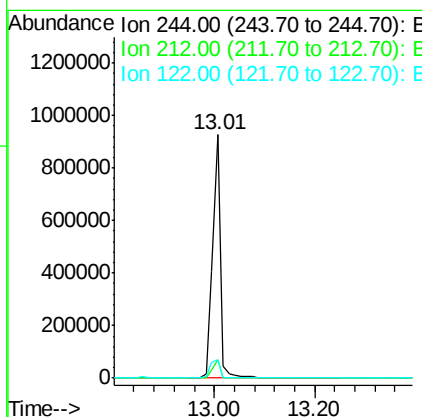
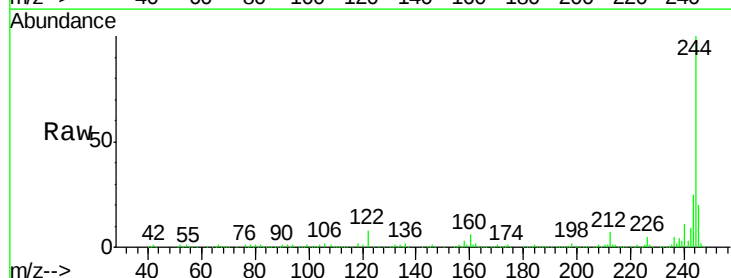
Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	18.2	14.1	21.1



#78
Terphenyl-d14
Concen: 103.85 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	7.7	17.4	26.2#

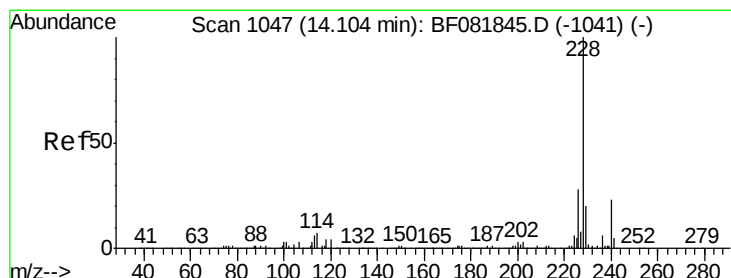
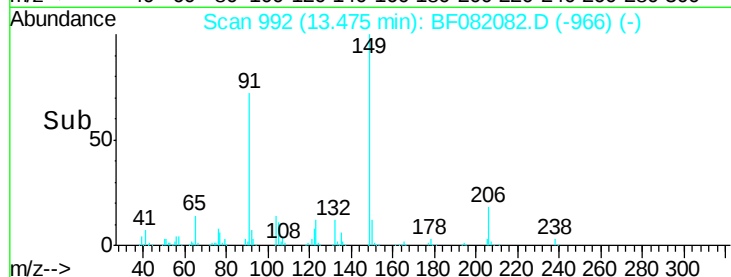
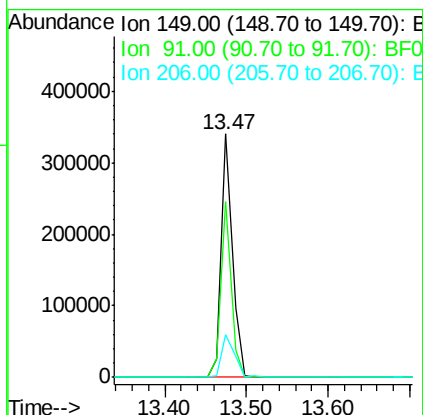
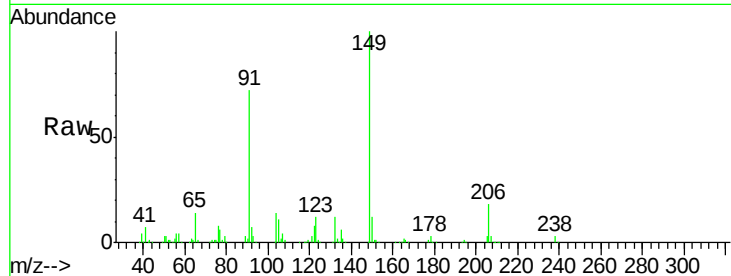




#79
Butylbenzylphthalate
Concen: 43.31 ng
RT: 13.47 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

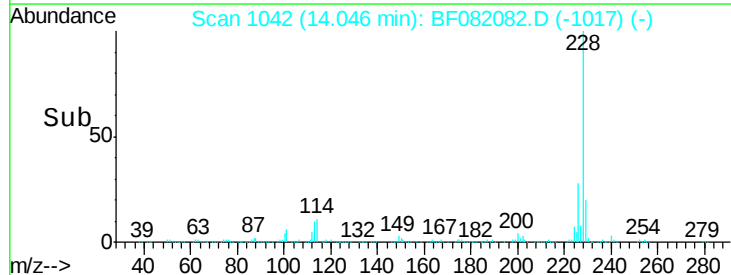
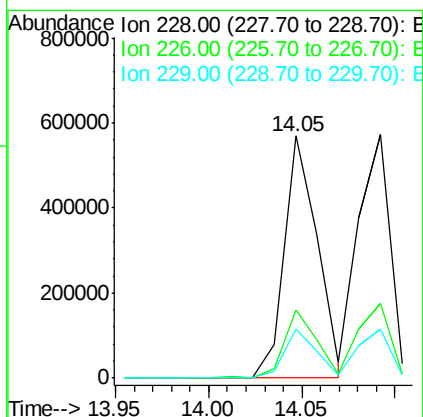
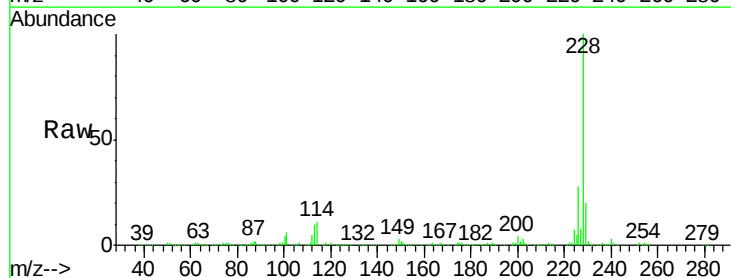
Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.2	48.6	72.8
206	17.8	14.9	22.3



#80
Benzo(a)anthracene
Concen: 39.40 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.0	30.0
229	20.3	15.4	23.2

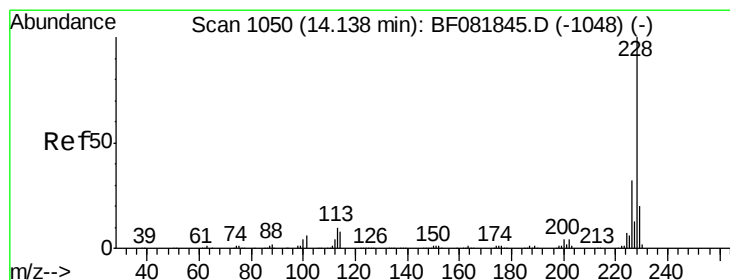
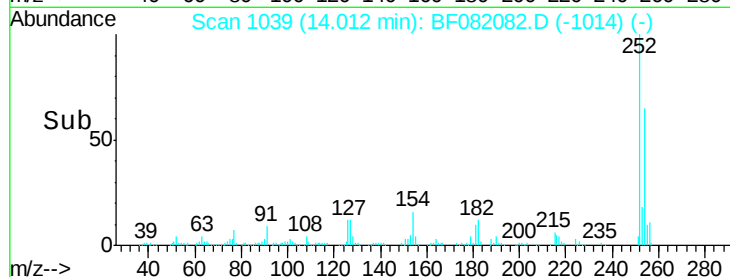
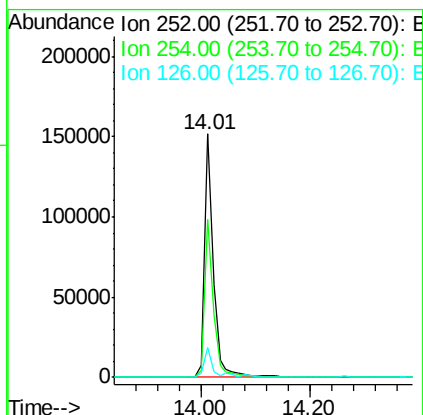
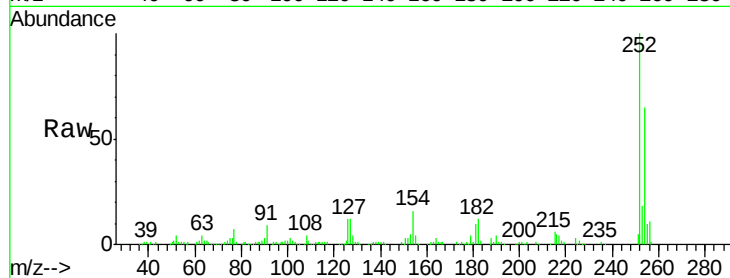




#81
 3,3'-Dichlorobenzidine
 Concen: 28.38 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

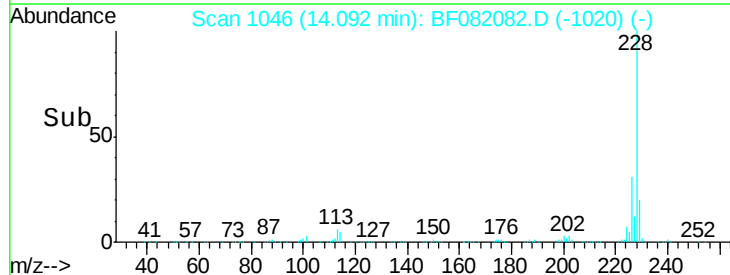
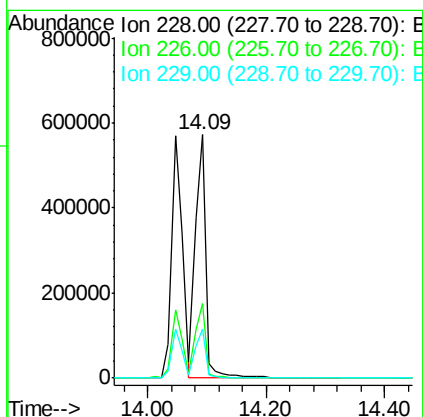
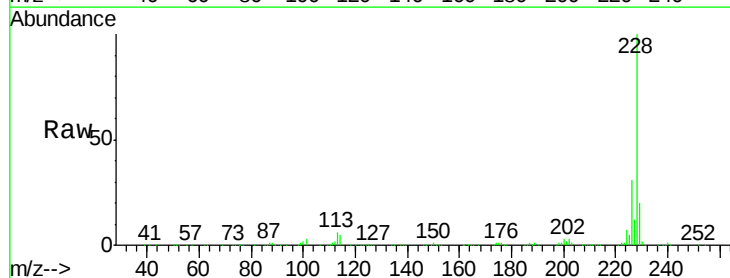
Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

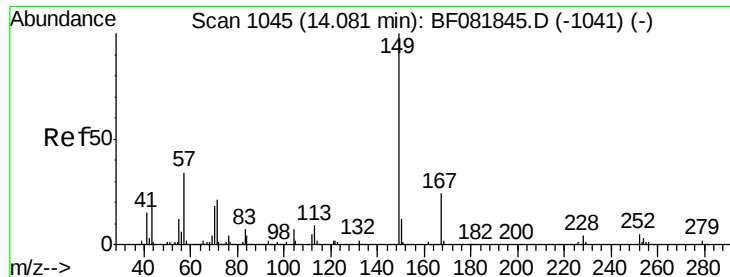
Tot Ion:252 Resp: 171538
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.4 77.2
 126 12.4 16.4 24.6#



#82
 Chrysene
 Concen: 46.57 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:228 Resp: 714451
 Ion Ratio Lower Upper
 228 100
 226 30.8 21.0 31.4
 229 20.3 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.57 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

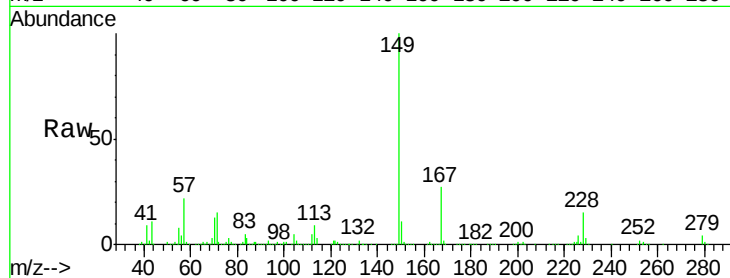
Tot Ion:149 Resp: 474012

Ion Ratio Lower Upper

149 100

167 27.1 24.2 36.2

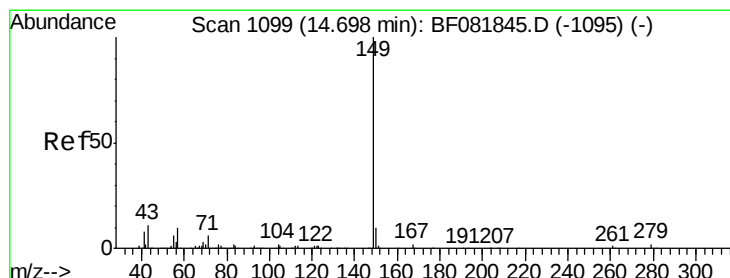
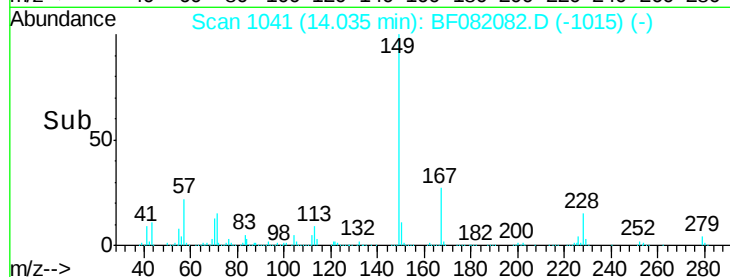
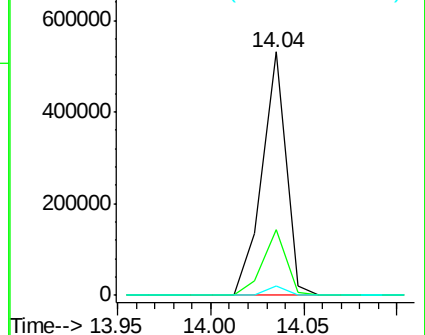
279 3.7 3.8 5.6#



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: 50.67 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

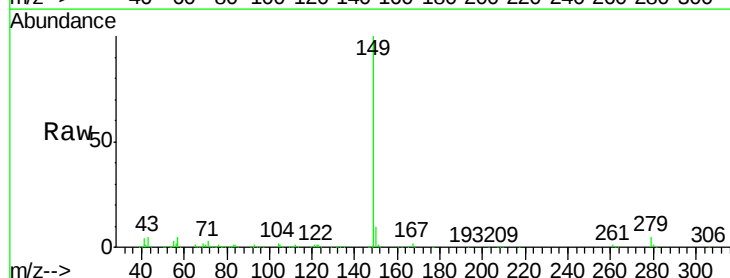
Tgt Ion:149 Resp: 772879

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

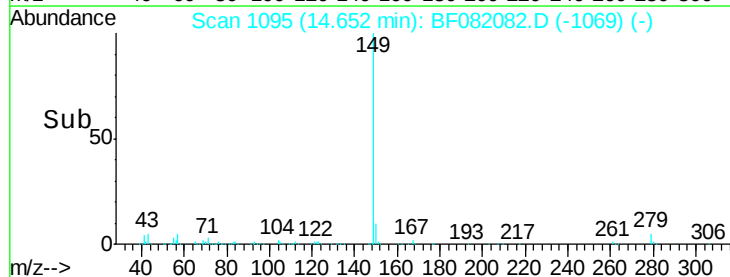
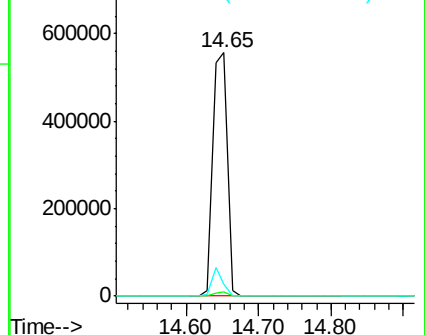
43 8.6 10.2 15.2#



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

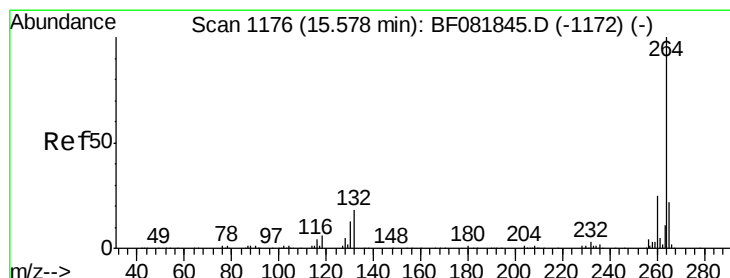
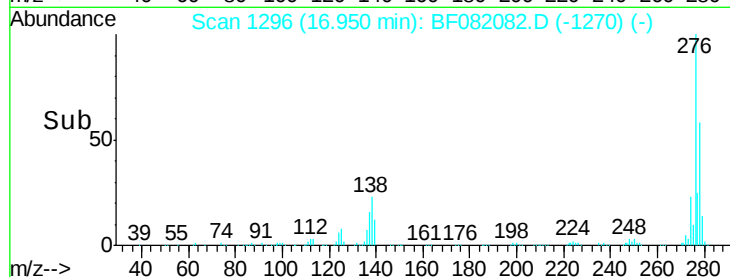
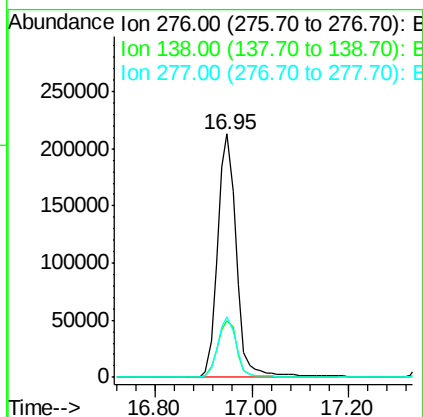
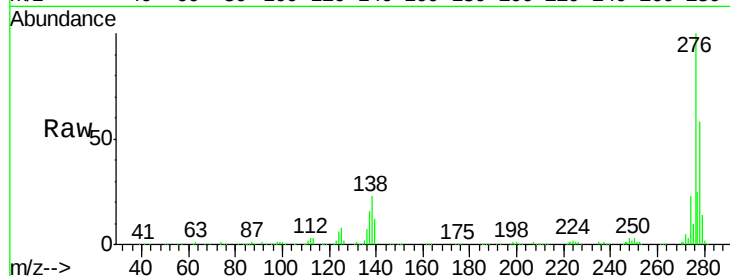




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.80 ng
 RT: 16.95 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

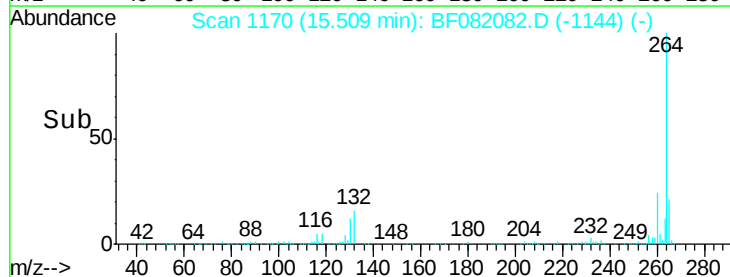
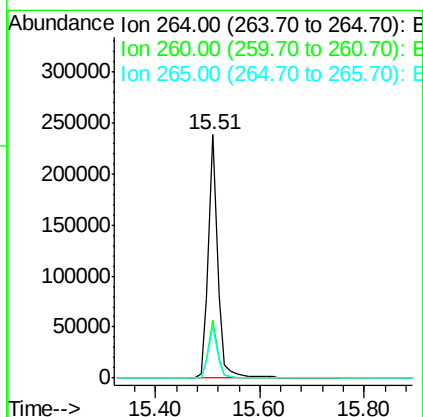
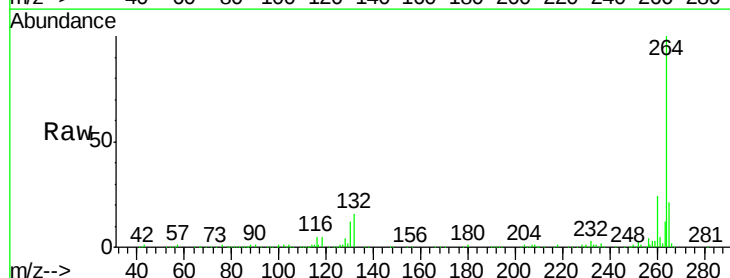
Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

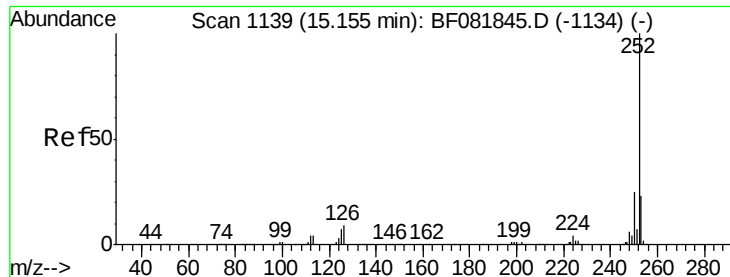
Tot Ion:276 Resp: 585278
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Tgt Ion:264 Resp: 303447
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.3 17.2 25.8

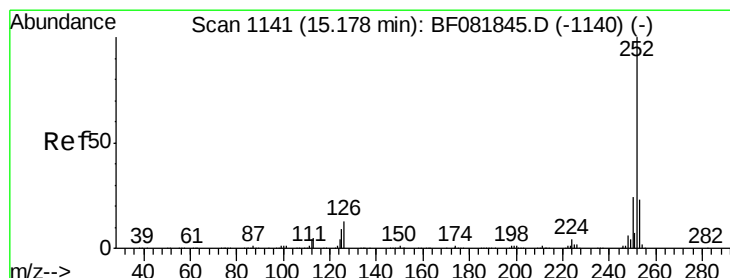
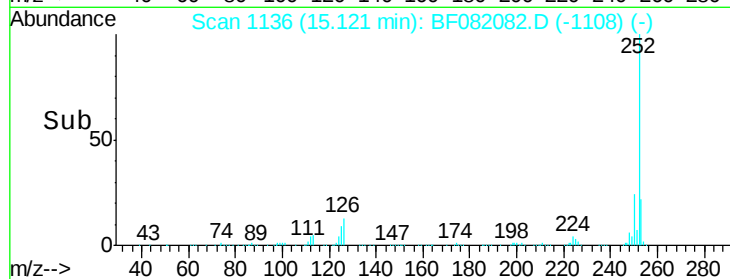
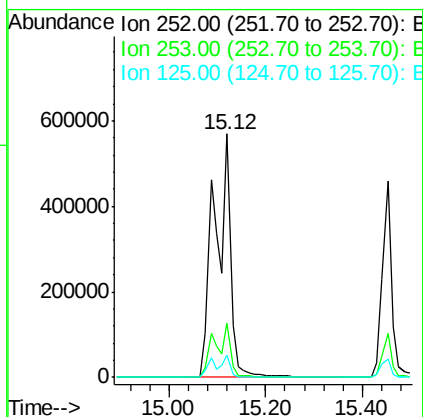
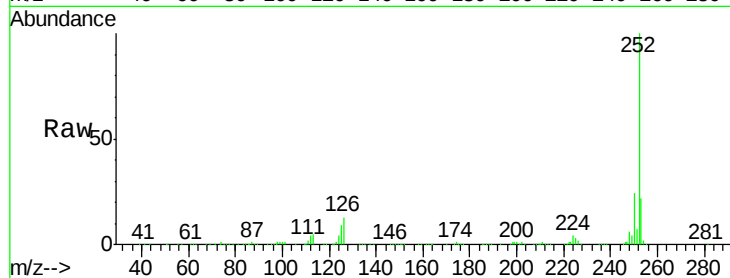




#87
Benzo(b)fluoranthene
Concen: 76.46 ng
RT: 15.12 min Scan# 1136
Delta R.T. 0.02 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

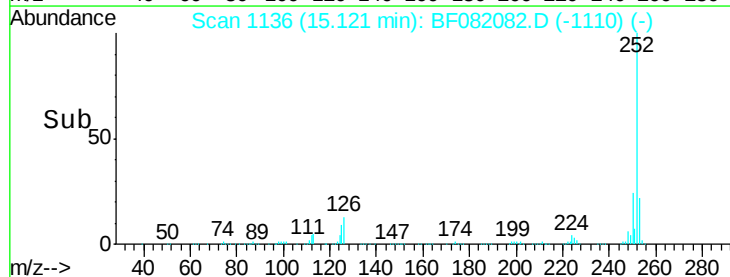
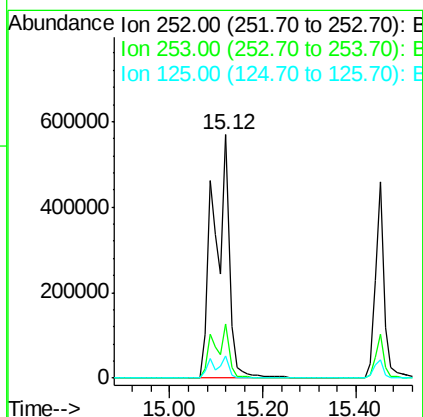
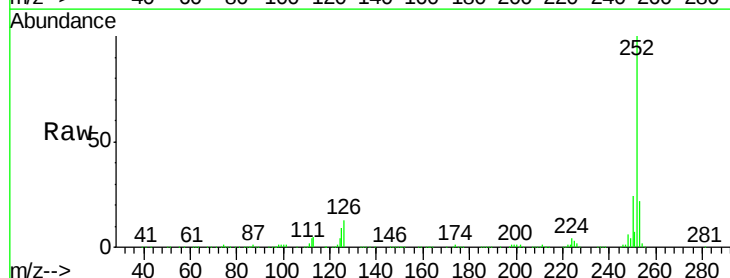
Instrument :
BNA_F
ClientSampleId :
PB85944BS

Tot Ion:252 Resp: 1324708
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.9 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 83.46 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF082082.D
Acq: 6 Oct 2015 14:05

Tgt Ion:252 Resp: 1325278
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 8.9 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 41.62 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB85944BS

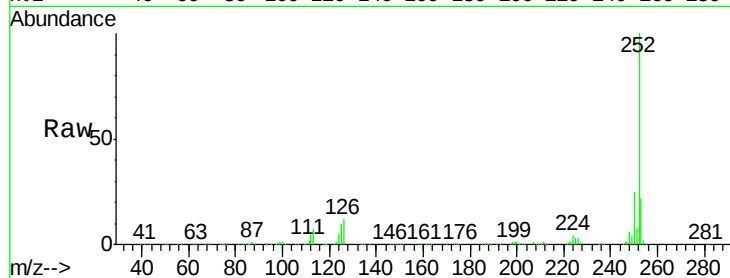
Tot Ion:252 Resp: 625417

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

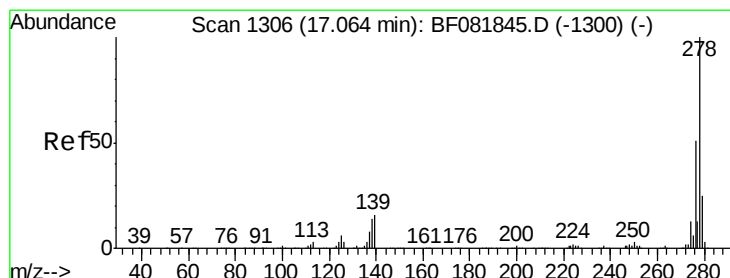
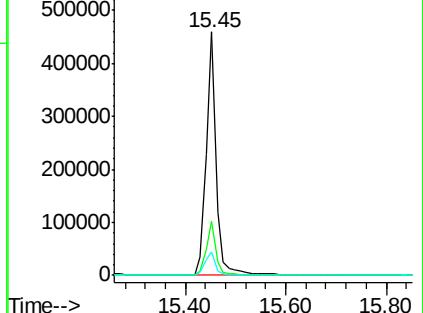
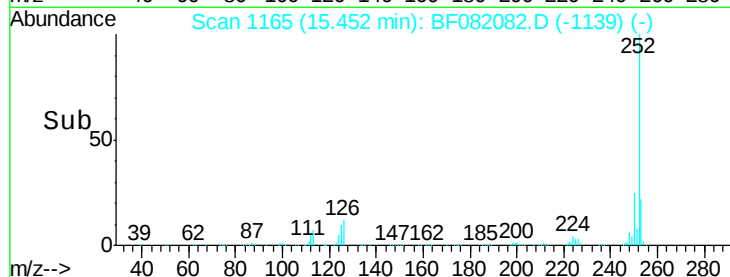
125 9.5 18.0 27.0#



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: 38.15 ng

RT: 16.96 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF082082.D

Acq: 6 Oct 2015 14:05

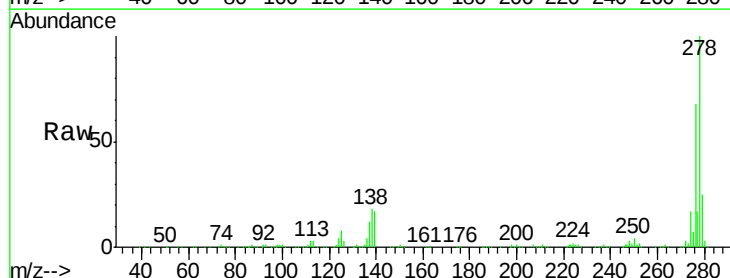
Tgt Ion:278 Resp: 481027

Ion Ratio Lower Upper

278 100

139 16.7 26.3 39.5#

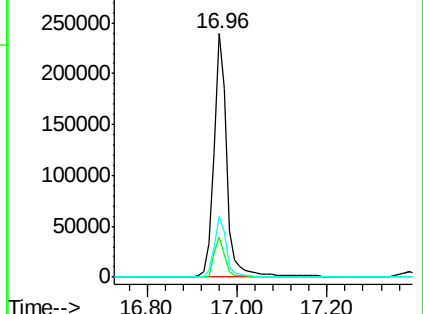
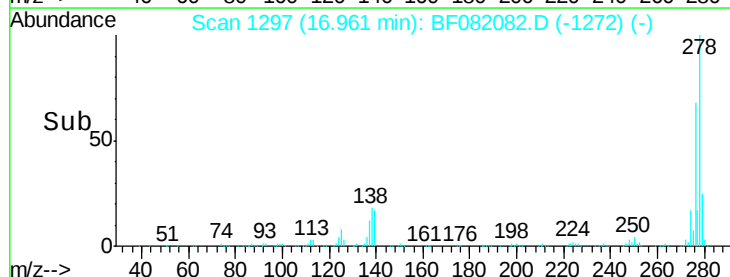
279 24.7 18.2 27.4

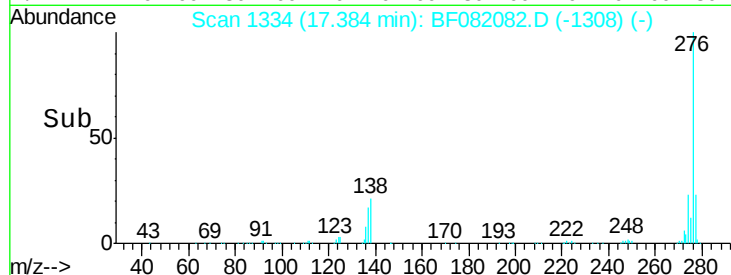
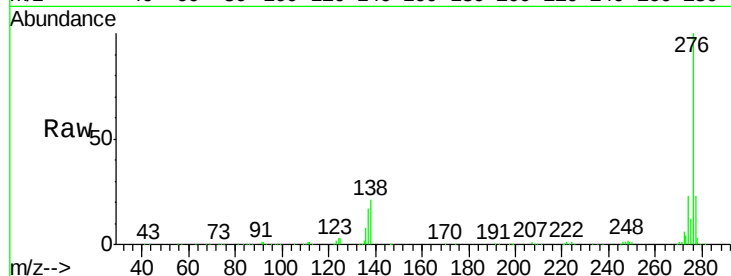


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.68 ng
 RT: 17.38 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF082082.D
 Acq: 6 Oct 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB85944BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	20.6	34.6	51.8

