

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081128.D
 Acq On : 20 Aug 2015 17:03
 Operator : UM/IZ
 Sample : PB85099BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Quant Time: Aug 21 01:35:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	68804	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	283532	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	136843	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	261961	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	207624	20.00	ng	0.00
86) Perylene-d12	15.03	264	156091	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	232837	50.90	ng	0.00
7) Phenol-d6	6.22	99	315747	52.90	ng	-0.01
23) Nitrobenzene-d5	7.14	82	293594	47.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	54891	46.27	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	480710	46.03	ng	-0.02
78) Terphenyl-d14	12.67	244	503772	52.02	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.06	88	46911	21.76	ng	97
3) Pyridine	2.68	79	152076	25.00	ng	85
4) n-Nitrosodimethylamine	2.63	42	80844	23.87	ng	# 75
6) Aniline	6.23	93	129272	14.90	ng	# 18
8) 2-Chlorophenol	6.36	128	141613	28.28	ng	94
9) Benzaldehyde	6.12	77	46298	12.03	ng	86
10) Phenol	6.23	94	167072	23.70	ng	89
11) bis(2-Chloroethyl)ether	6.32	93	146925	27.16	ng	98
12) 1,3-Dichlorobenzene	6.52	146	134232	24.95	ng	96
13) 1,4-Dichlorobenzene	6.60	146	138084	25.92	ng	98
14) 1,2-Dichlorobenzene	6.74	146	136337	27.34	ng	96
15) Benzyl Alcohol	6.73	79	137825	28.54	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.87	45	274384	25.82	ng	100
17) 2-Methylphenol	6.85	107	108423	25.24	ng	96
18) Hexachloroethane	7.09	117	56616	26.30	ng	97
19) n-Nitroso-di-n-propylamine	7.01	70	114785	27.76	ng	90
20) 3+4-Methylphenols	7.01	107	145427	26.67	ng	# 47
22) Acetophenone	7.00	105	204636	27.49	ng	# 88
24) Nitrobenzene	7.17	77	171604	26.44	ng	93
25) Isophorone	7.41	82	283541	24.50	ng	99
26) 2-Nitrophenol	7.49	139	71725	26.58	ng	# 63
27) 2,4-Dimethylphenol	7.53	122	118108	24.74	ng	95
28) bis(2-Chloroethoxy)methane	7.62	93	167707	24.53	ng	99
29) 2,4-Dichlorophenol	7.73	162	113659	28.28	ng	93
30) 1,2,4-Trichlorobenzene	7.81	180	112308	25.14	ng	99
31) Naphthalene	7.89	128	405641	25.67	ng	99
32) Benzoic acid	7.66	122	77256	28.77	ng	98
33) 4-Chloroaniline	7.94	127	78578	11.78	ng	# 84
34) Hexachlorobutadiene	8.01	225	66752	26.42	ng	98
35) Caprolactam	8.34	113	11184	7.96	ng	# 83
36) 4-Chloro-3-methylphenol	8.44	107	137449	28.69	ng	96
37) 2-Methylnaphthalene	8.57	142	248130	24.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	112415	25.46	ng	98
40) Hexachlorocyclopentadiene	8.73	237	121840	53.32	ng	99

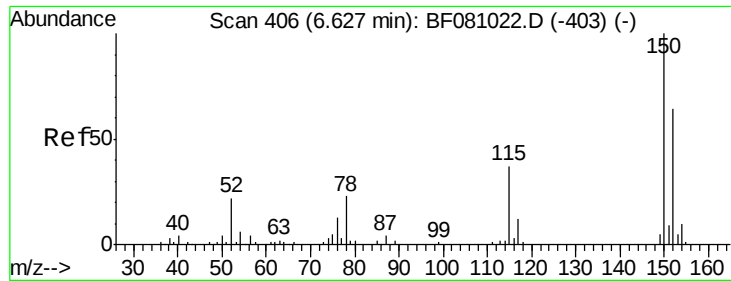
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	81806	26.23	nq	98
43) 2,4,5-Trichlorophenol	8.90	196	76625	24.58	nq #	94
45) 1,1'-Biphenyl	9.04	154	334257	27.73	nq	98
46) 2-Chloronaphthalene	9.06	162	239913	24.78	nq	100
47) 2-Nitroaniline	9.16	65	95220	24.03	nq	99
48) Acenaphthylene	9.48	152	398174	22.99	nq	99
49) Dimethylphthalate	9.35	163	272815	24.21	nq	100
50) 2,6-Dinitrotoluene	9.41	165	59925	24.77	nq #	77
51) Acenaphthene	9.65	154	241249	23.26	nq	99
52) 3-Nitroaniline	9.57	138	43636	14.41	nq	99
53) 2,4-Dinitrophenol	9.68	184	65660	53.05	nq #	65
54) Dibenzofuran	9.82	168	360760	25.96	nq	100
55) 4-Nitrophenol	9.75	139	114581	53.88	nq #	64
56) 2,4-Dinitrotoluene	9.81	165	80636	25.14	nq #	77
57) Fluorene	10.15	166	251301	23.51	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	64036	26.54	nq	95
59) Diethylphthalate	10.05	149	305242	25.59	nq	98
60) 4-Chlorophenyl-phenylether	10.15	204	110823	24.50	nq	93
61) 4-Nitroaniline	10.18	138	76068	24.58	nq	84
62) Azobenzene	10.31	77	357597	26.02	nq	96
64) 4,6-Dinitro-2-methylphenol	10.21	198	38377	24.53	nq	91
65) n-Nitrosodiphenylamine	10.28	169	257589	27.55	nq	98
66) 4-Bromophenyl-phenylether	10.64	248	72008	27.98	nq #	92
67) Hexachlorobenzene	10.70	284	75588	29.00	nq	97
68) Atrazine	10.80	200	77273	29.66	nq	97
69) Pentachlorophenol	10.89	266	78833	50.41	nq	98
70) Phenanthrene	11.11	178	401406	25.86	nq	100
71) Anthracene	11.16	178	399702	26.46	nq	99
72) Carbazole	11.32	167	413123	28.40	nq	99
73) Di-n-butylphthalate	11.66	149	466998	26.53	nq	98
74) Fluoranthene	12.28	202	436626	26.06	nq	93
76) Benzidine	12.41	184	177812	22.67	nq	97
77) Pyrene	12.51	202	431846	25.59	nq	100
79) Butylbenzylphthalate	13.15	149	215172	29.66	nq #	75
80) Benzo(a)anthracene	13.69	228	378456	27.18	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	74807	16.59	nq	99
82) Chrysene	13.73	228	374314	29.83	nq	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	287067	30.89	nq #	95
84) Di-n-octyl phthalate	14.32	149	474037	33.56	nq	97
85) Indeno(1,2,3-cd)pyrene	16.24	276	223544	25.37	nq #	93
87) Benzo(b)fluoranthene	14.71	252	581790	52.69	nq #	98
88) Benzo(k)fluoranthene	14.71	252	581790	56.55	nq #	94
89) Benzo(a)pyrene	14.99	252	262185	27.25	nq	97
90) Dibenzo(a,h)anthracene	16.25	278	190813	25.46	nq #	96
91) Benzo(g,h,i)perylene	16.60	276	187623	24.67	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

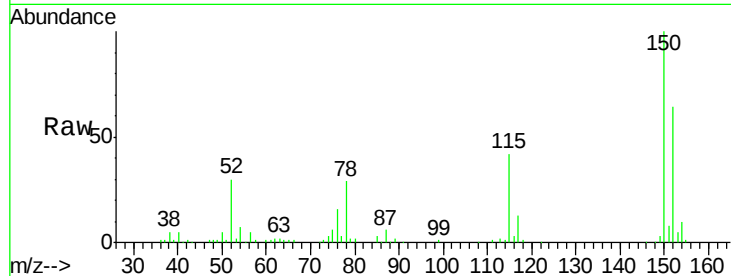
Tot Ion:152 Resp: 68804

Ion Ratio Lower Upper

152 100

150 157.4 123.8 185.6

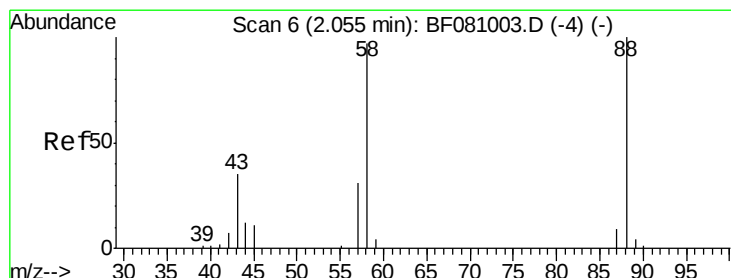
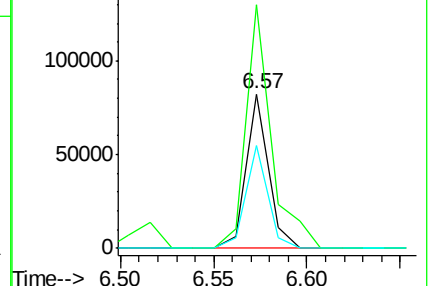
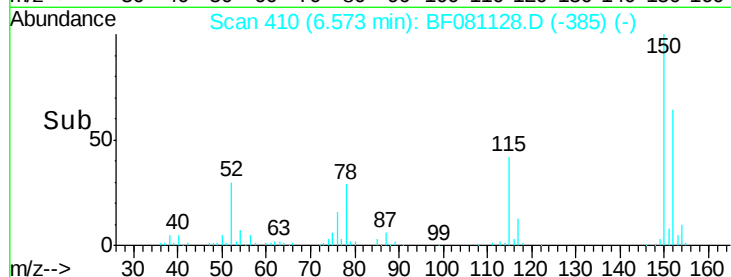
115 66.6 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 21.76 ng

RT: 2.06 min Scan# 15

Delta R.T. 0.06 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

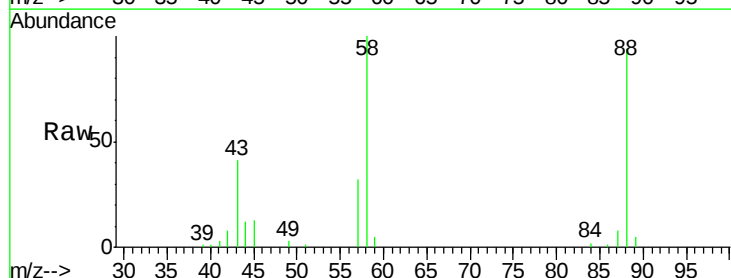
Tgt Ion: 88 Resp: 46911

Ion Ratio Lower Upper

88 100

58 104.8 83.7 125.5

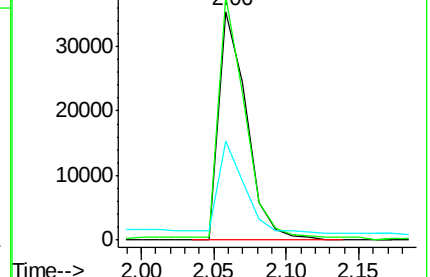
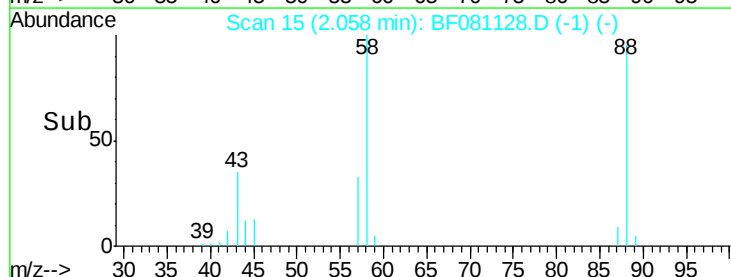
43 40.1 37.5 56.3

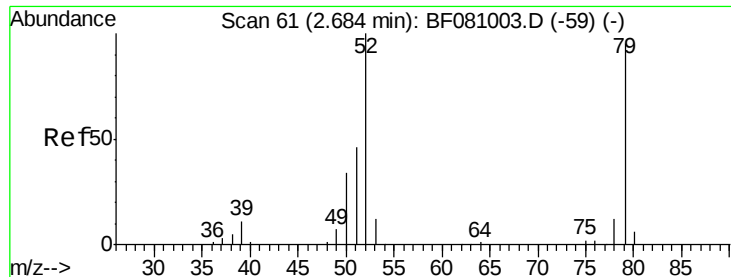


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.00 ng

RT: 2.68 min Scan# 69

Delta R.T. 0.05 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

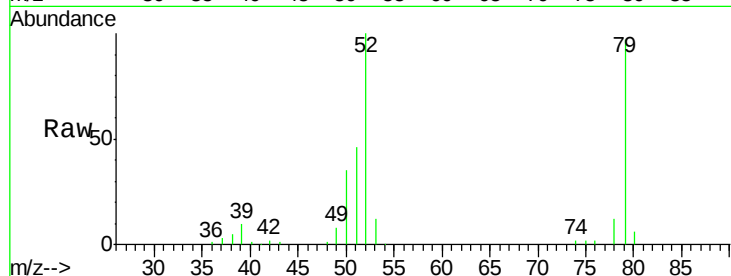
Tot Ion: 79 Resp: 152076

Ion Ratio Lower Upper

79 100

52 102.9 95.1 142.7

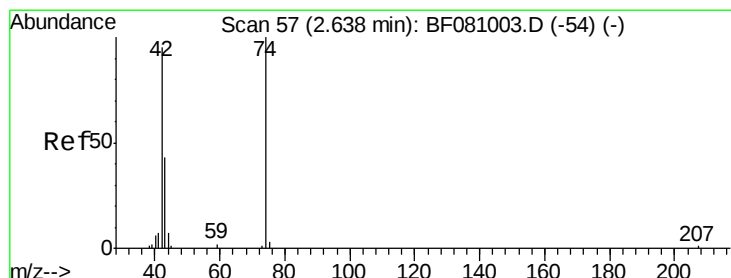
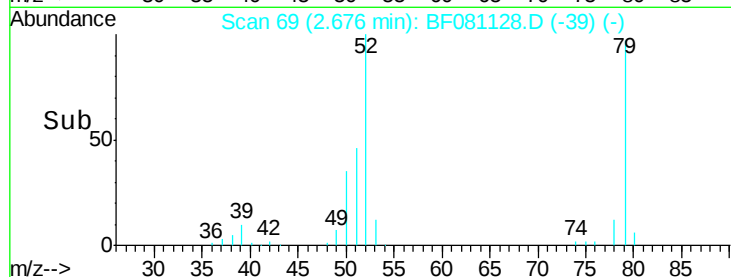
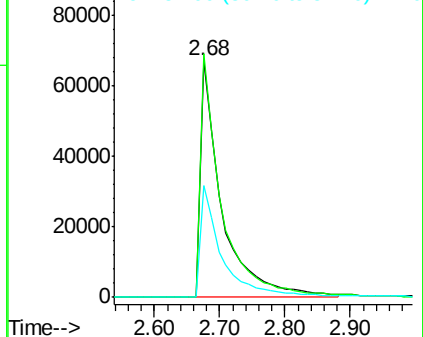
51 47.2 46.6 70.0



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: 23.87 ng

RT: 2.63 min Scan# 65

Delta R.T. 0.05 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

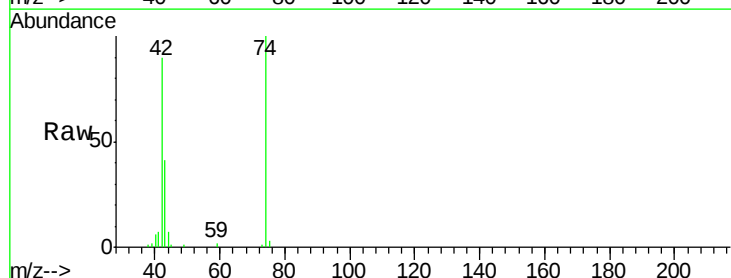
Tgt Ion: 42 Resp: 80844

Ion Ratio Lower Upper

42 100

74 111.7 69.3 103.9#

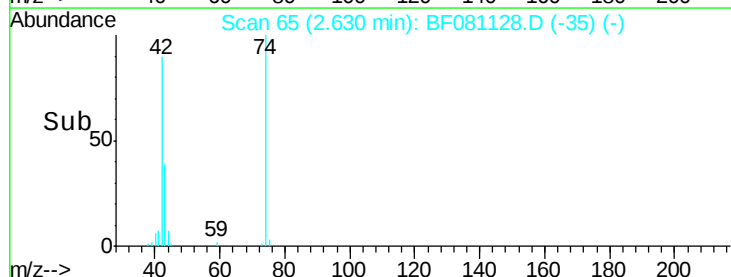
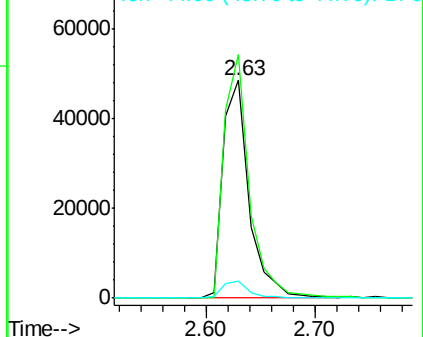
44 7.8 5.5 8.3

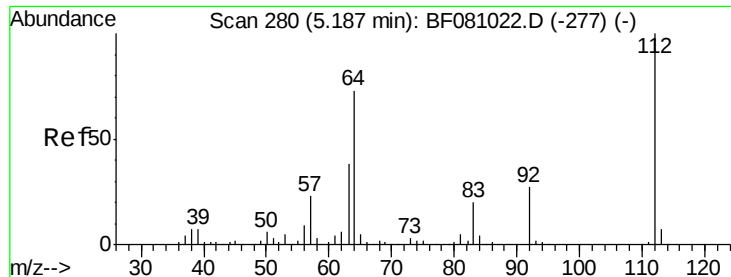


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 50.90 ng

RT: 5.14 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

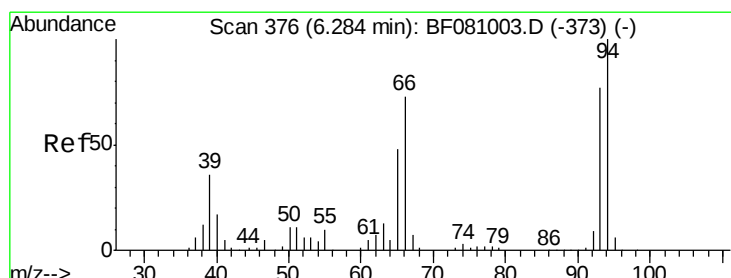
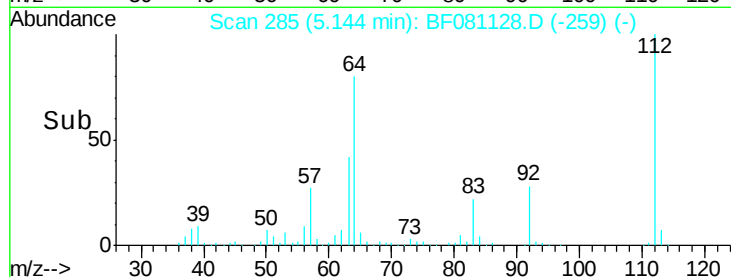
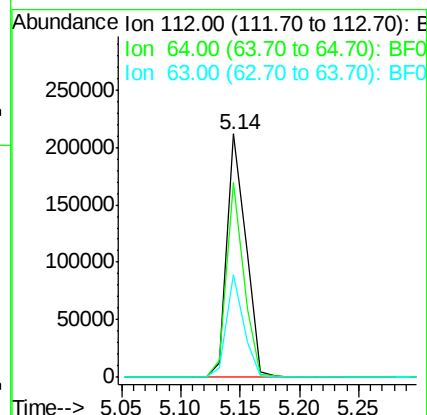
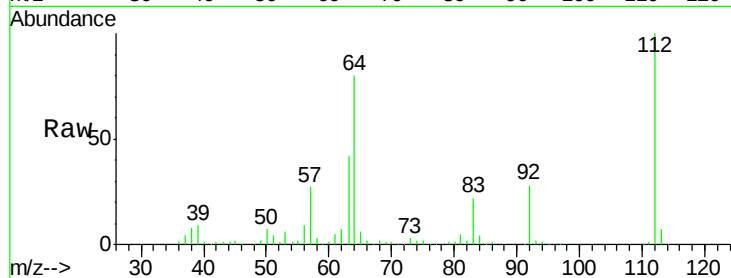
Instrument :

BNA_F

ClientSampled :

PB85099BS

Tot Ion:	112	Resp:	232837
Ion	Ratio	Lower	Upper
112	100		
64	80.0	66.9	100.3
63	42.5	38.1	57.1



#6

Aniline

Concen: 14.90 ng

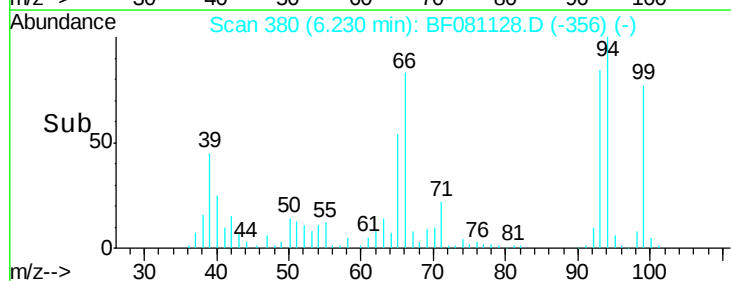
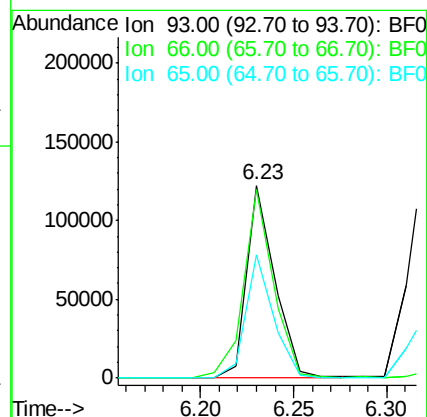
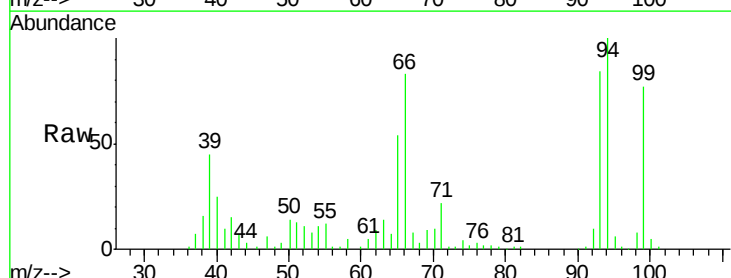
RT: 6.23 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	93	Resp:	129272
Ion	Ratio	Lower	Upper
93	100		
66	97.8	35.6	53.4#
65	63.6	18.7	28.1#





#7

Phenol-d6

Concen: 52.90 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

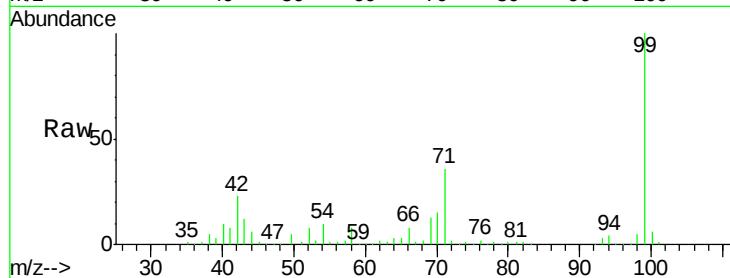
Tot Ion: 99 Resp: 315747

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

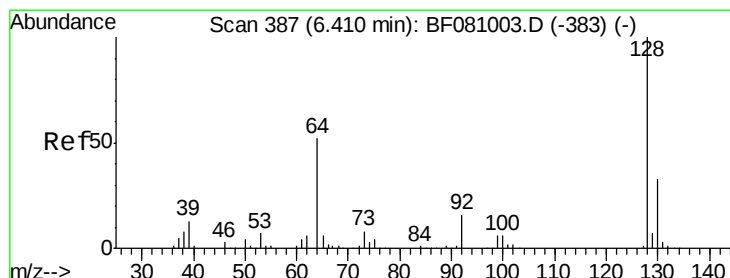
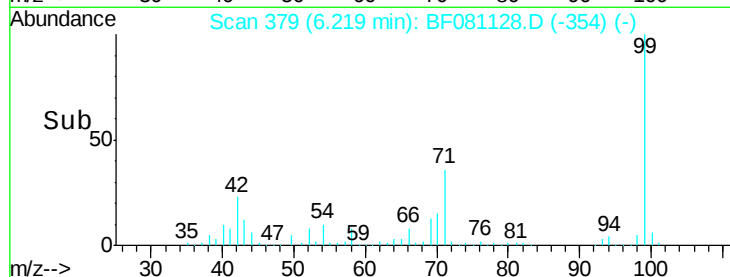
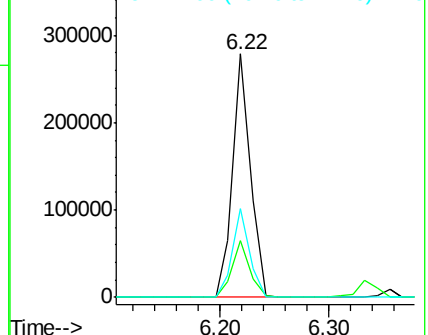
71 36.3 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 28.28 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

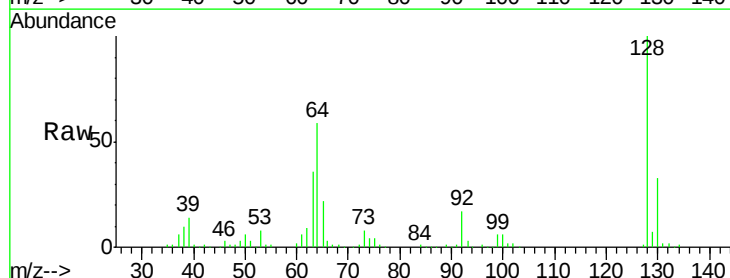
Tgt Ion:128 Resp: 141613

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

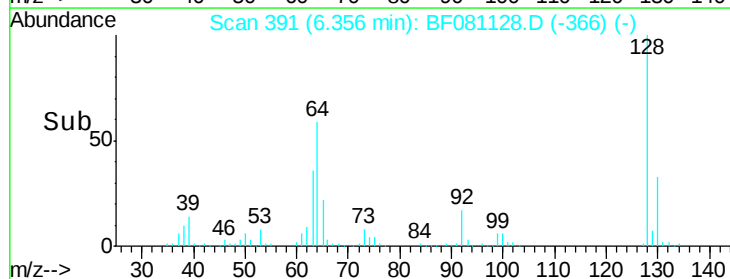
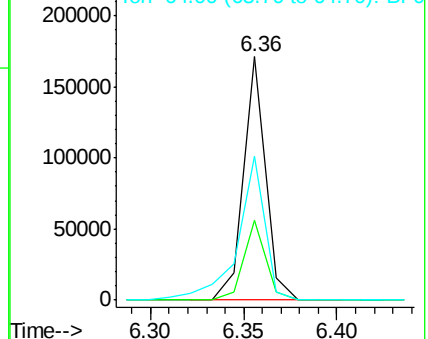
64 59.3 46.8 86.8

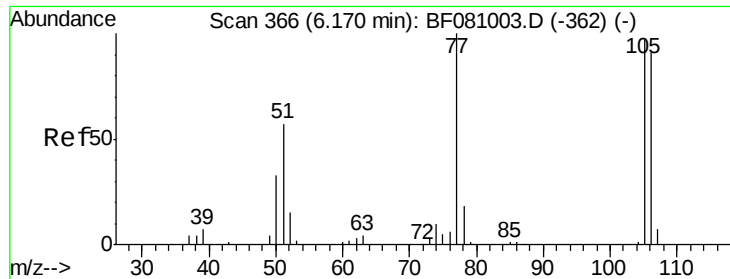


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.03 ng

RT: 6.12 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

PB85099BS

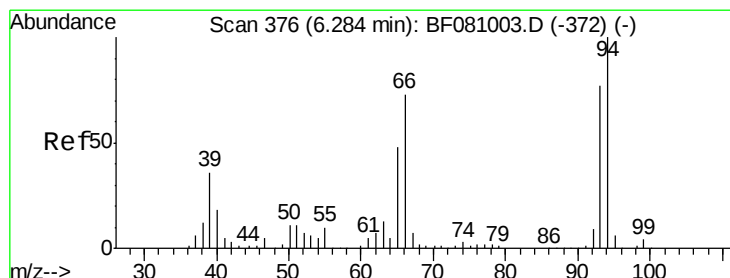
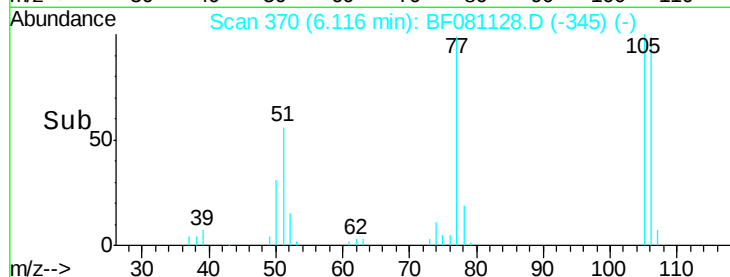
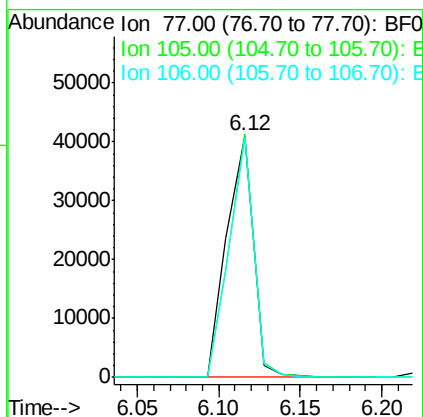
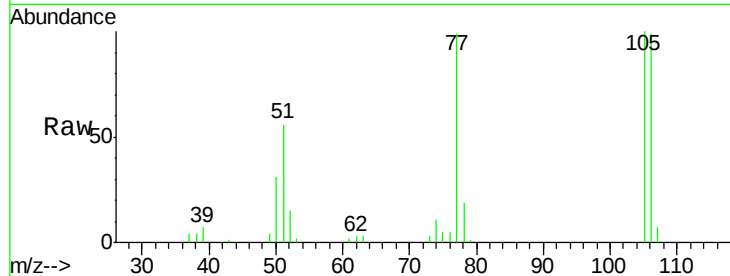
Tot Ion: 77 Resp: 46298

Ion Ratio Lower Upper

77 100

105 100.7 69.6 109.6

106 99.3 64.0 104.0



#10

Phenol

Concen: 23.70 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

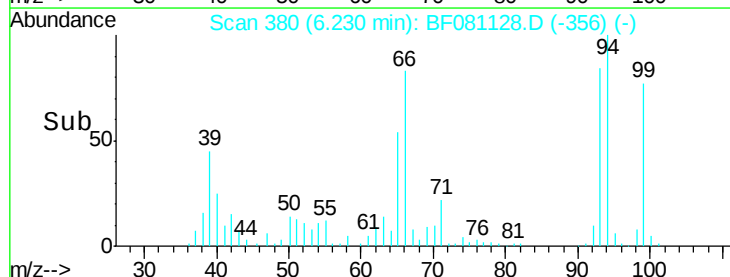
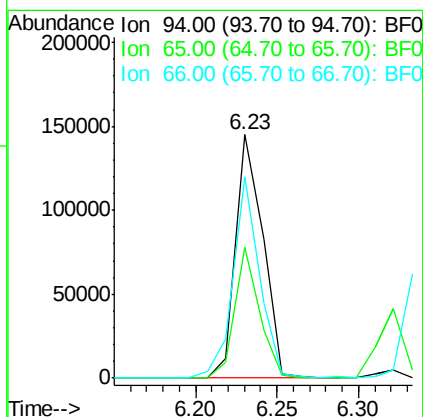
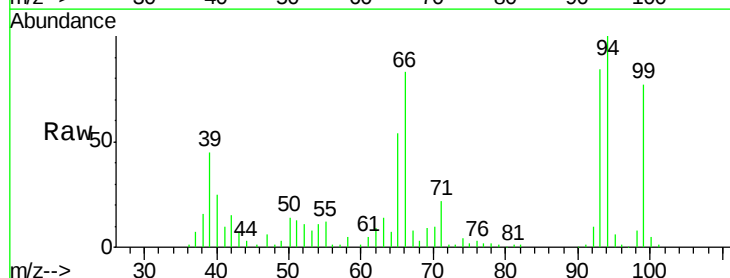
Tgt Ion: 94 Resp: 167072

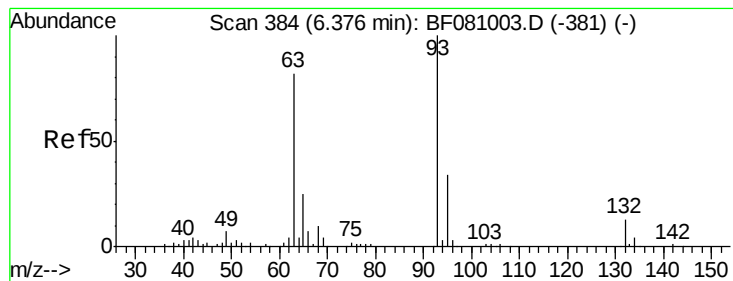
Ion Ratio Lower Upper

94 100

65 53.7 28.4 68.4

66 82.6 52.3 92.3





#11

bis(2-Chloroethyl)ether

Concen: 27.16 ng

RT: 6.32 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

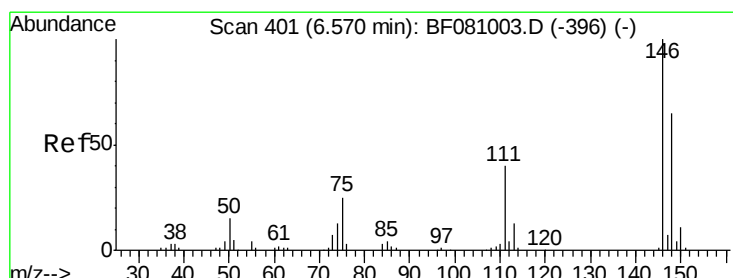
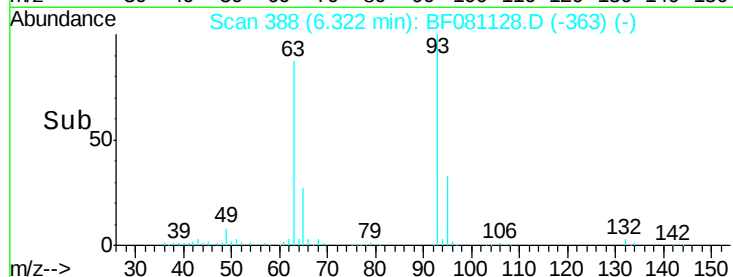
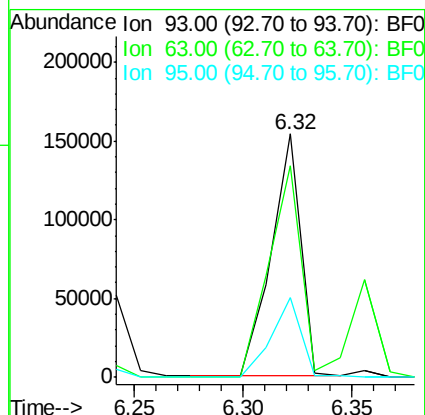
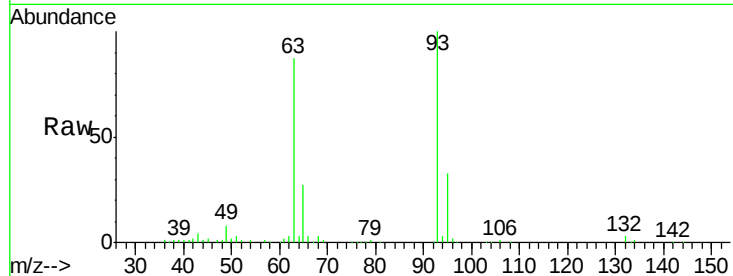
Tot Ion: 93 Resp: 146925

Ion Ratio Lower Upper

93 100

63 87.1 69.6 109.6

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 24.95 ng

RT: 6.52 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

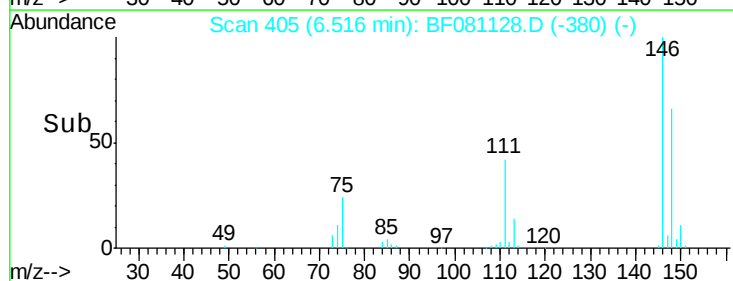
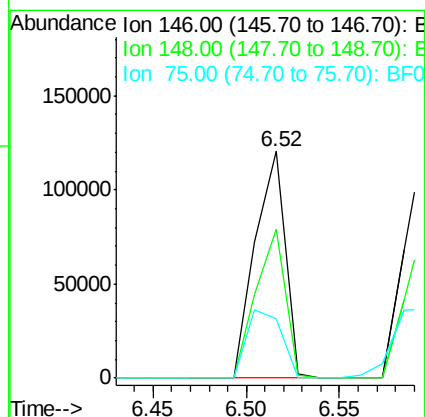
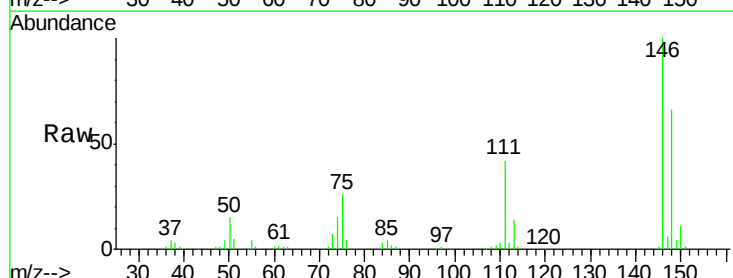
Tgt Ion: 146 Resp: 134232

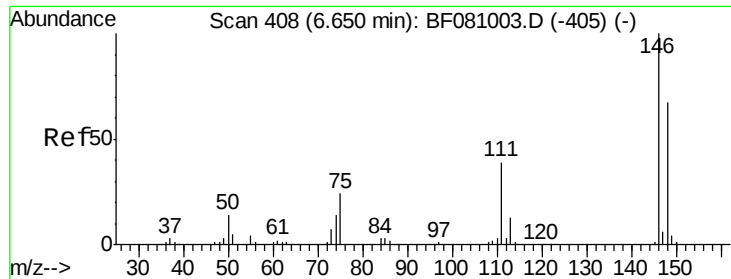
Ion Ratio Lower Upper

146 100

148 65.6 53.3 79.9

75 26.2 25.0 37.6

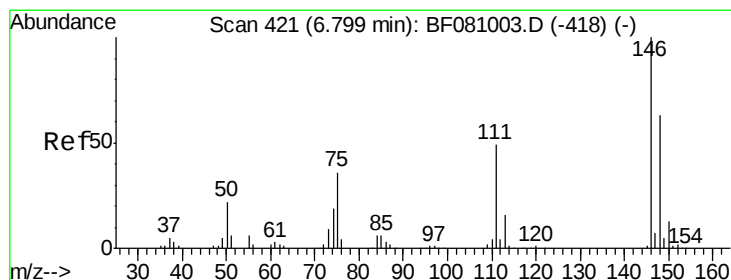
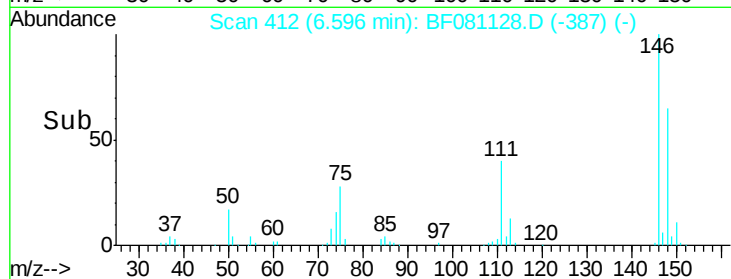
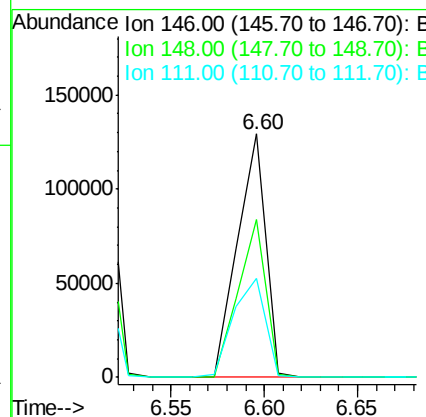
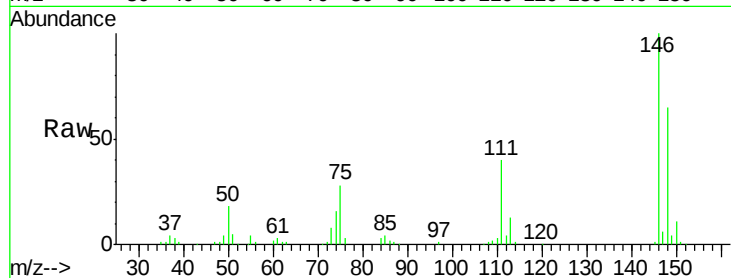




#13
 1,4-Dichlorobenzene
 Concen: 25.92 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

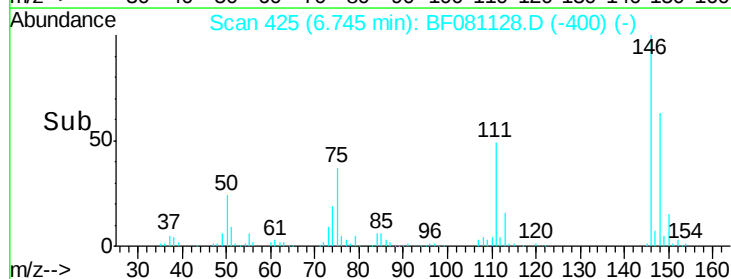
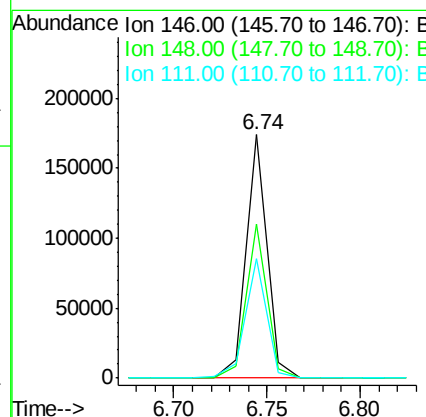
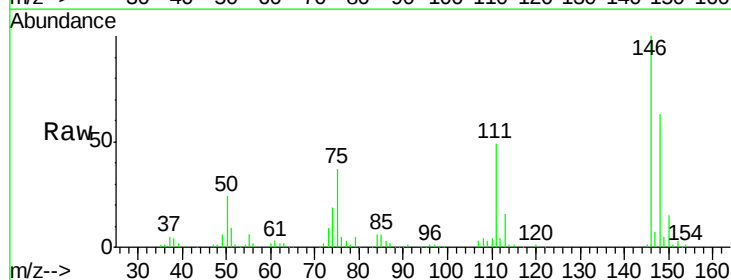
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

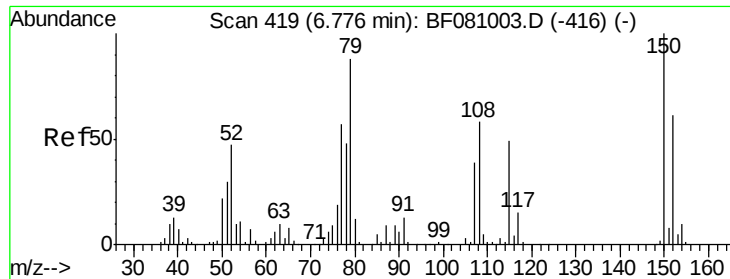
Tot Ion:146 Resp: 138084
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 40.4 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 27.34 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion:146 Resp: 136337
 Ion Ratio Lower Upper
 146 100
 148 63.1 48.7 73.1
 111 49.1 42.3 63.5

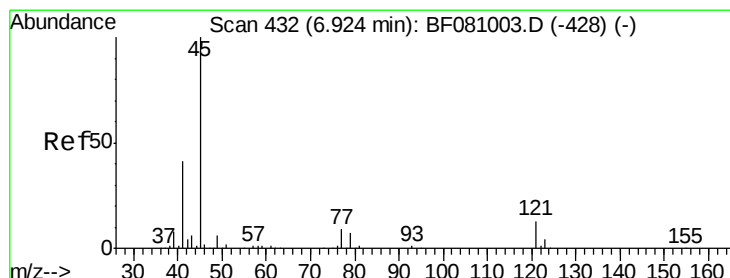
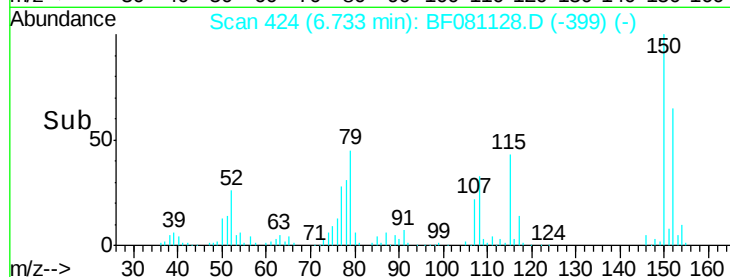
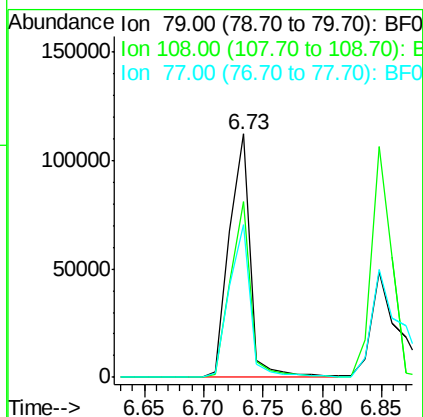
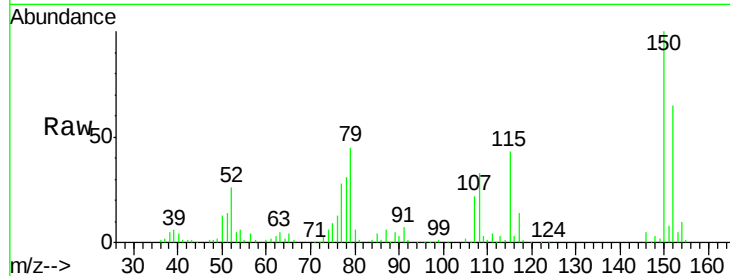




#15
Benzyl Alcohol
Concen: 28.54 ng
RT: 6.73 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

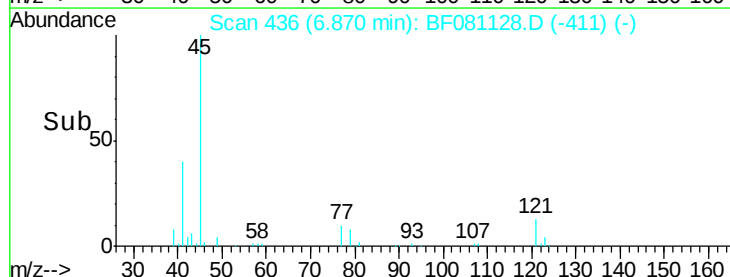
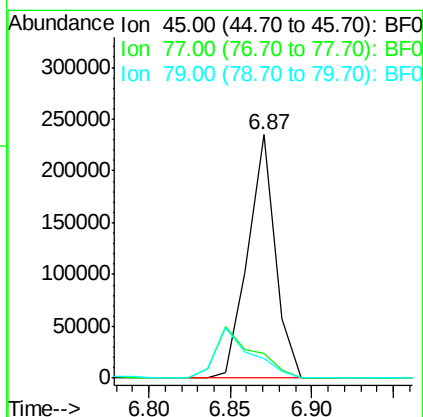
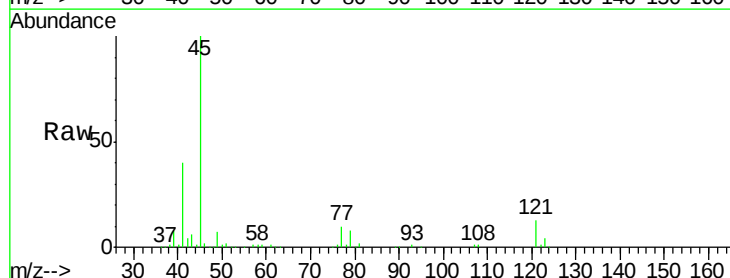
Instrument :
BNA_F
ClientSampleID :
PB85099BS

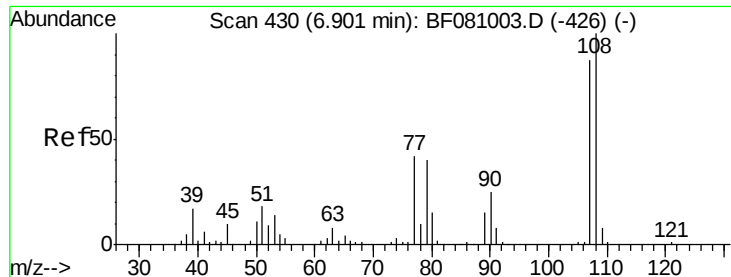
Tot Ion: 79 Resp: 137825
Ion Ratio Lower Upper
79 100
108 72.3 49.4 74.2
77 63.0 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.82 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion: 45 Resp: 274384
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.2
79 8.0 0.0 28.0

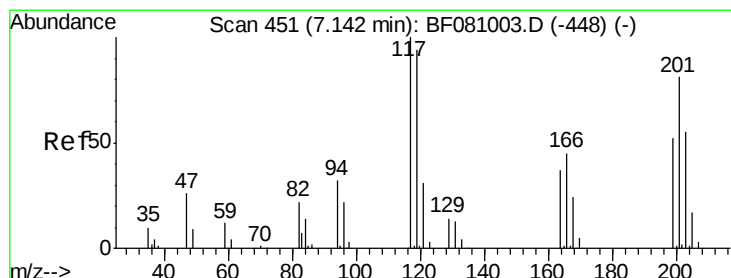
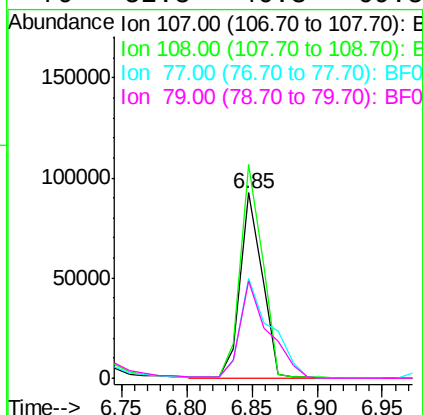
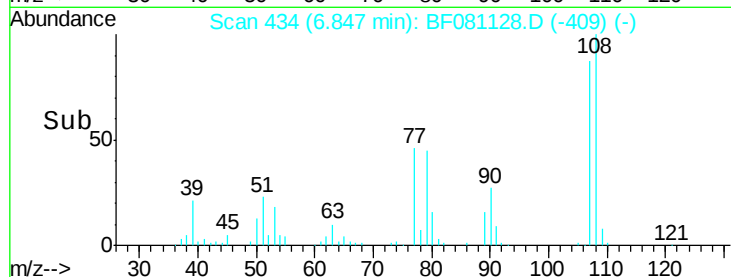
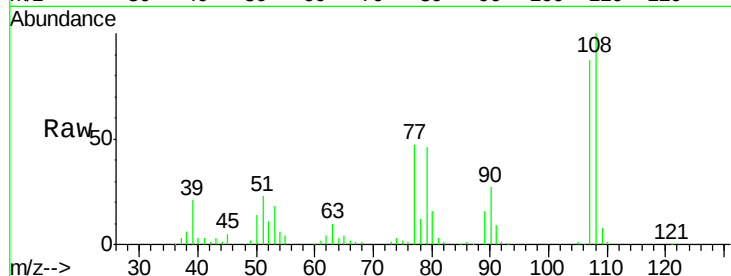




#17
2-Methylphenol
Concen: 25.24 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

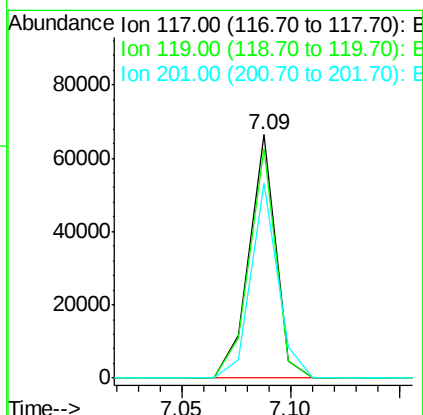
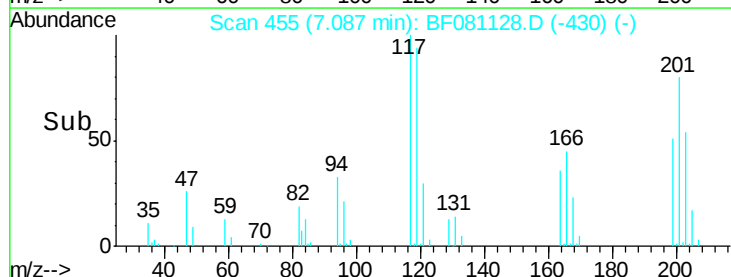
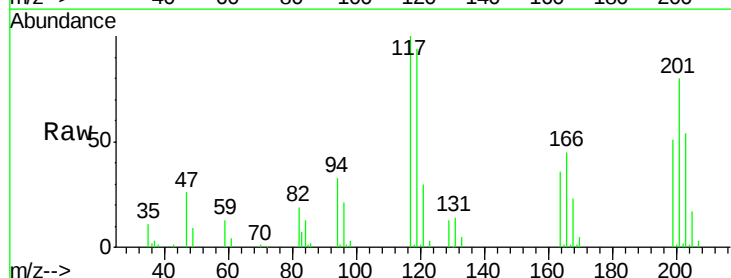
Instrument :
BNA_F
ClientSampleId :
PB85099BS

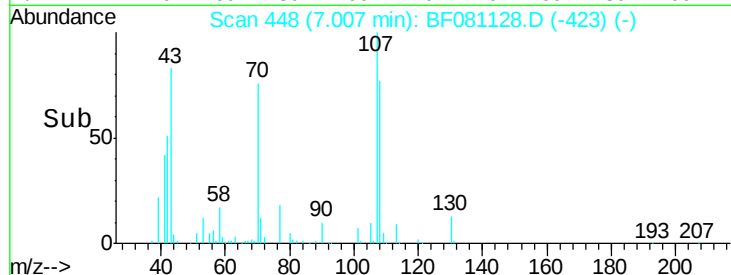
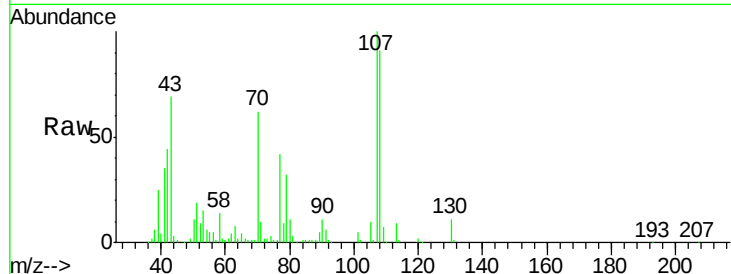
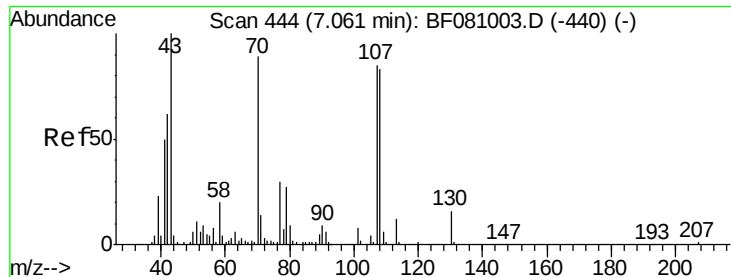
Tot Ion:	107	Resp:	108423
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.4	135.6
77	53.9	46.5	69.7
79	52.8	46.3	69.5



#18
Hexachloroethane
Concen: 26.30 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion:	117	Resp:	56616
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.9	116.9
201	80.0	61.3	91.9

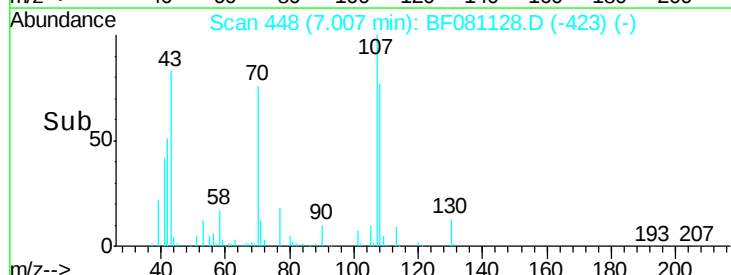
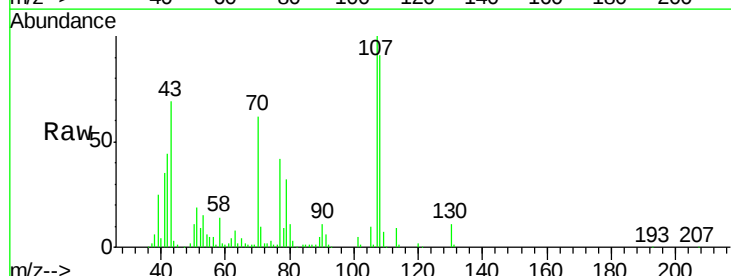
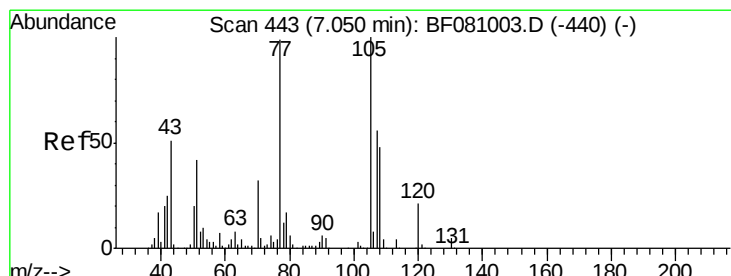
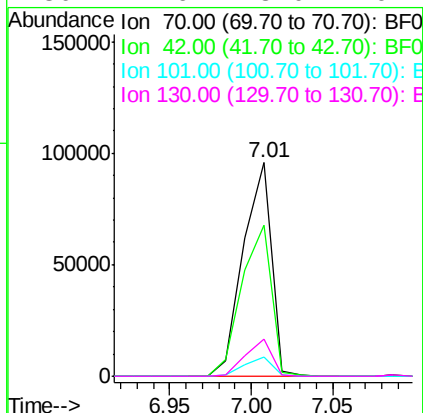




#19
n-Nitroso-di-n-propylamine
Concen: 27.76 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

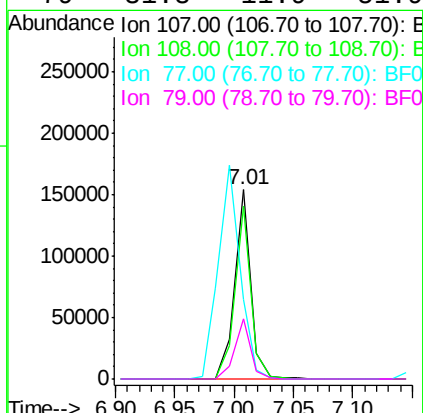
Instrument :
BNA_F
ClientSampleId :
PB85099BS

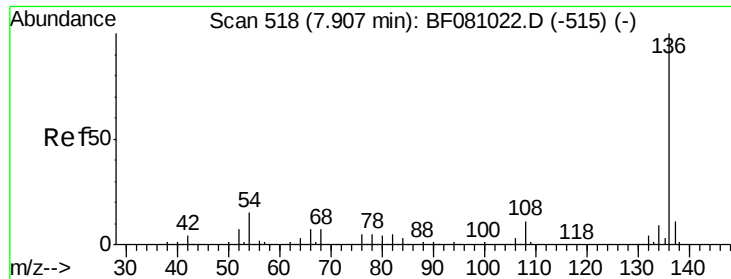
Tot Ion:	70	Resp:	114785
Ion	Ratio	Lower	Upper
70	100		
42	70.6	65.0	97.4
101	8.8	7.4	11.2
130	17.6	13.0	19.4



#20
3+4-Methylphenols
Concen: 26.67 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion:	107	Resp:	145427
Ion	Ratio	Lower	Upper
107	100		
108	91.2	66.1	106.1
77	42.2	139.3	179.3#
79	31.8	11.9	51.9

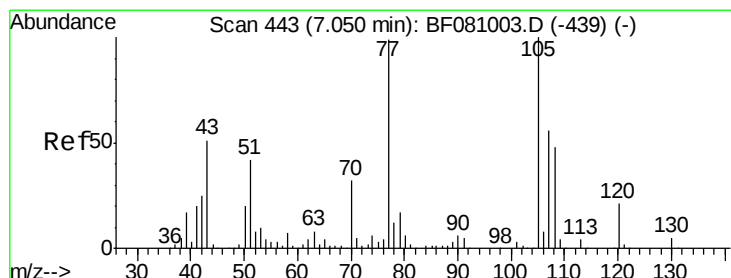
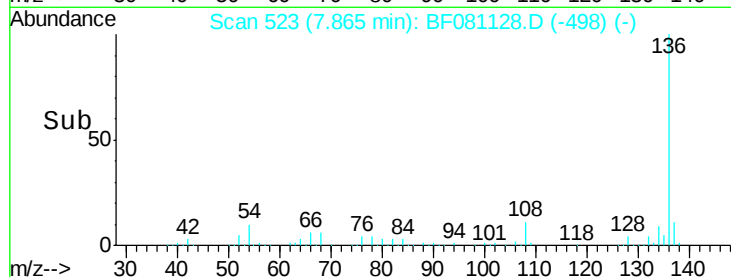
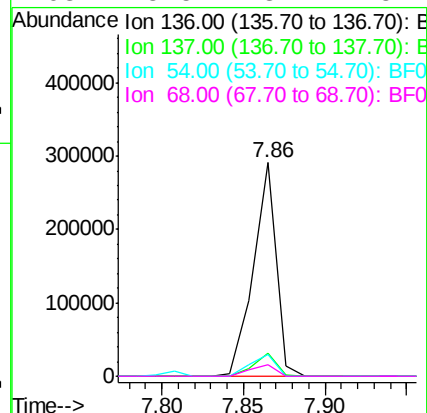
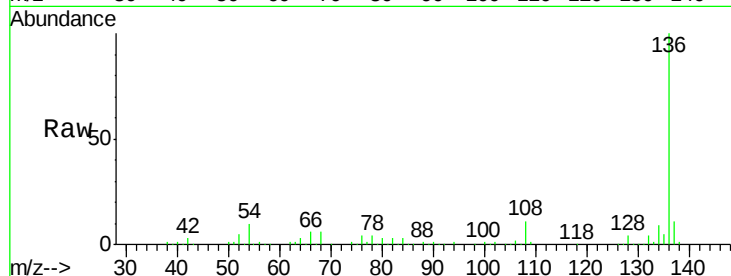




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

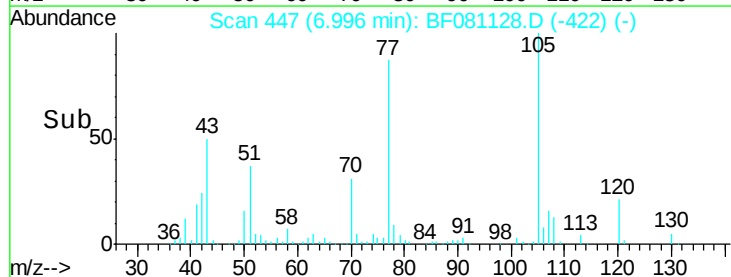
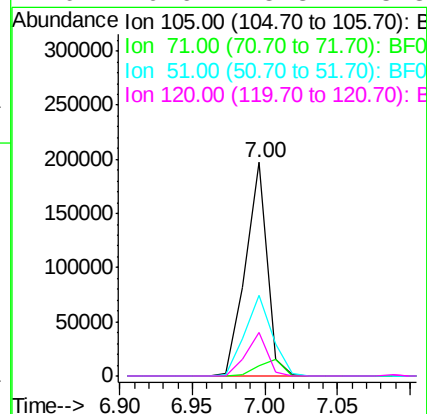
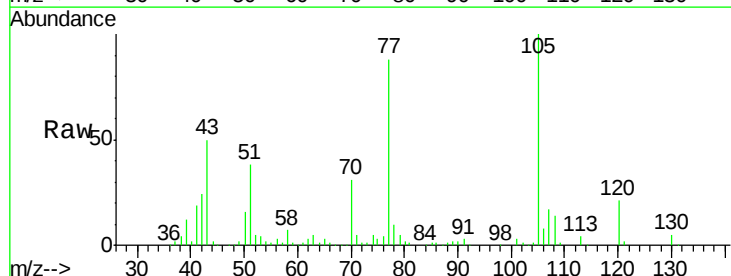
Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion:136	Resp:	283532
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.2	12.2
54 10.4	7.7	11.5
68 5.5	3.4	5.2#



#22
Acetophenone
Concen: 27.49 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion:105	Resp:	204636
Ion Ratio	Lower	Upper
105 100		
71 4.9	3.0	4.6#
51 38.0	39.8	59.8#
120 20.6	15.8	23.8





#23

Nitrobenzene-d5

Concen: 47.30 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

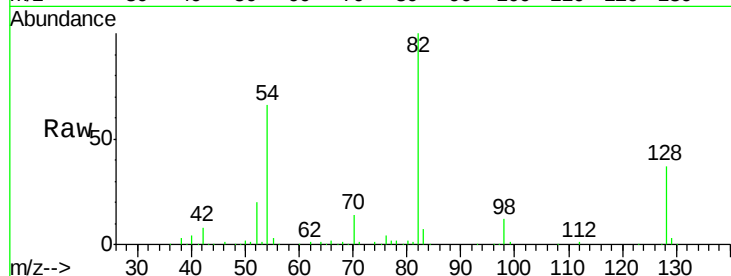
Tot Ion: 82 Resp: 293594

Ion Ratio Lower Upper

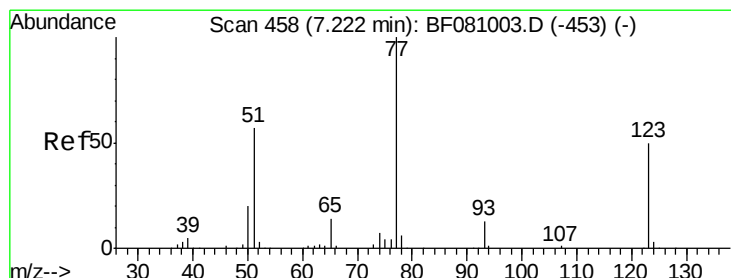
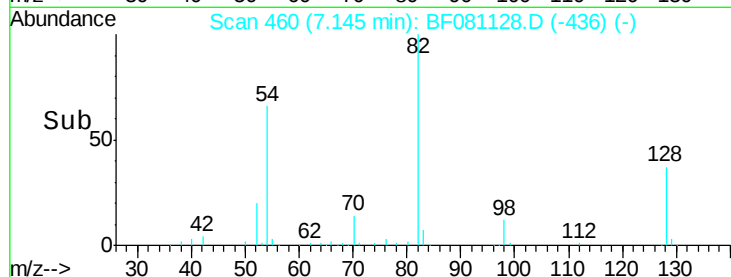
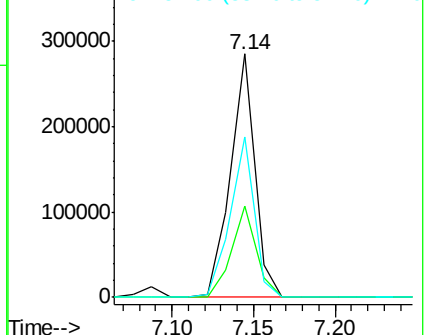
82 100

128 37.3 28.6 42.8

54 65.8 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 26.44 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

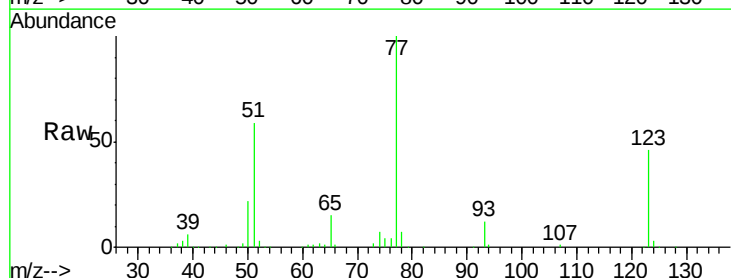
Tgt Ion: 77 Resp: 171604

Ion Ratio Lower Upper

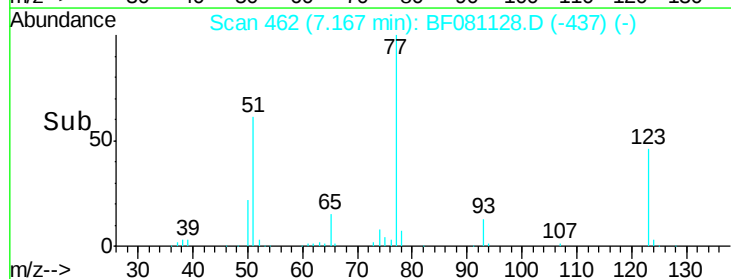
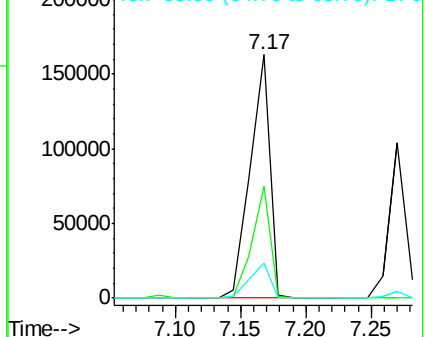
77 100

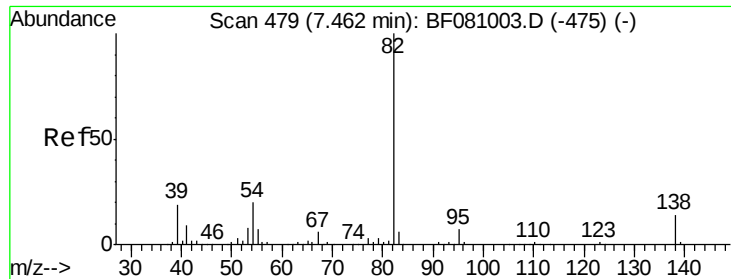
123 46.2 32.9 49.3

65 14.5 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 24.50 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

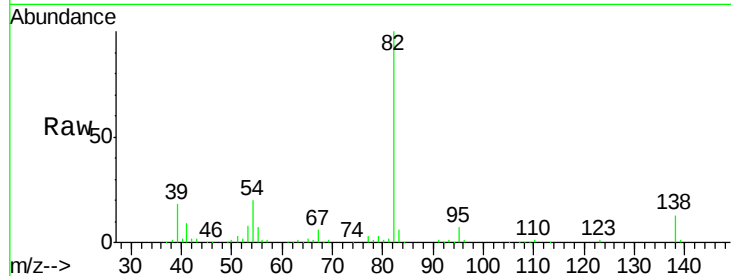
Tot Ion: 82 Resp: 283541

Ion Ratio Lower Upper

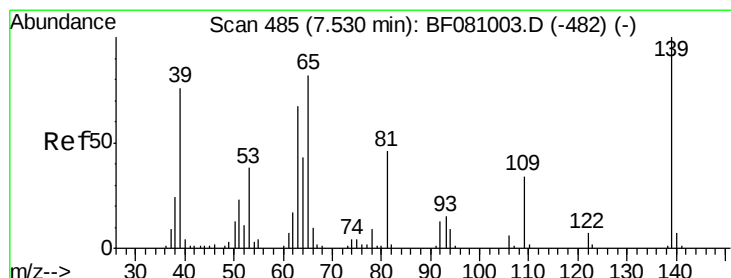
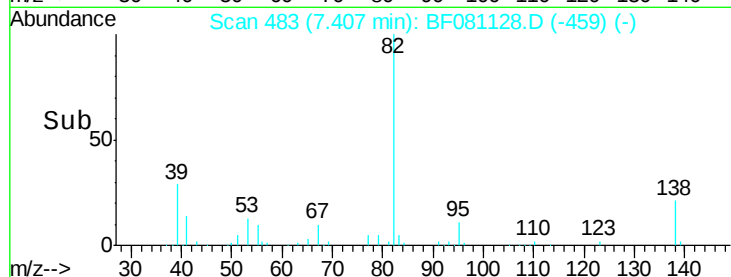
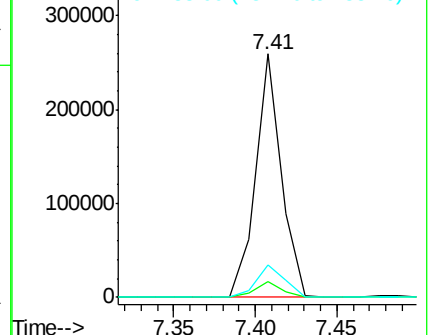
82 100

95 6.7 6.2 9.2

138 13.2 10.5 15.7



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



#26

2-Nitrophenol

Concen: 26.58 ng

RT: 7.49 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

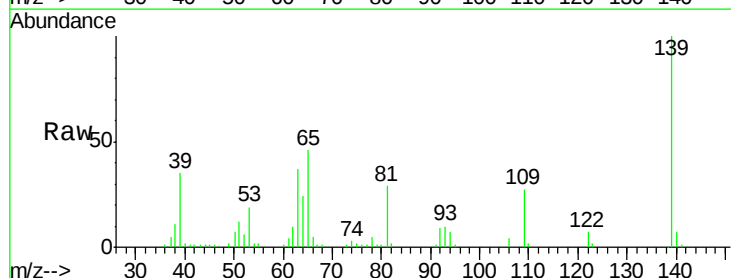
Tgt Ion: 139 Resp: 71725

Ion Ratio Lower Upper

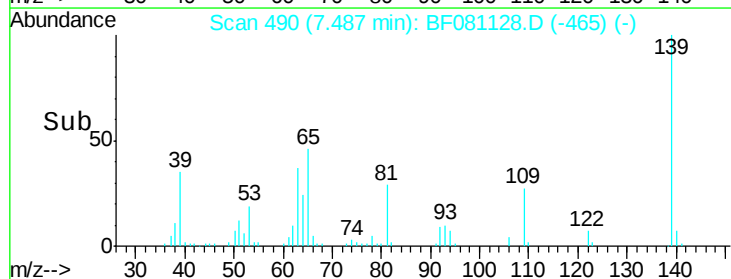
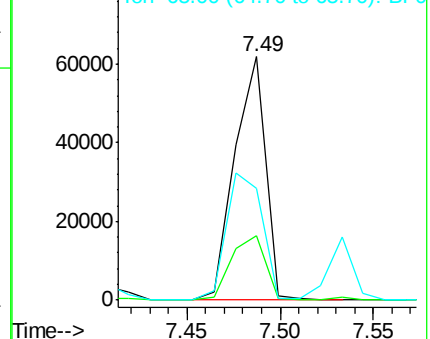
139 100

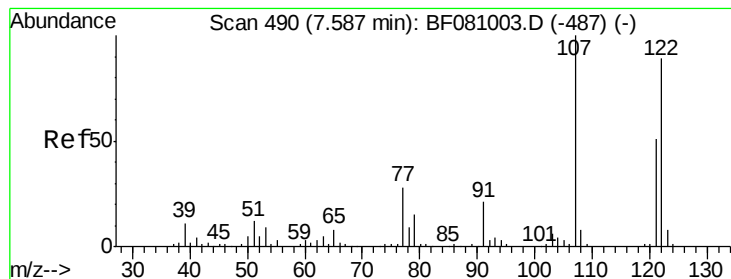
109 26.5 32.1 48.1#

65 46.1 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 24.74 ng

RT: 7.53 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

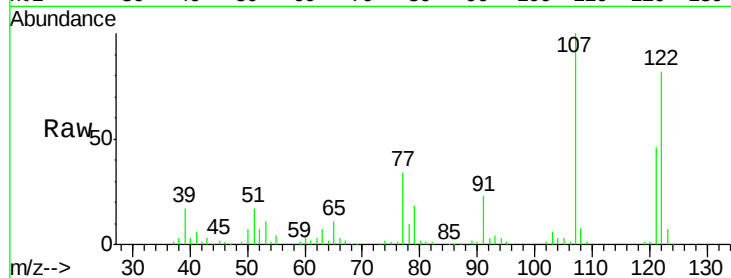
Tot Ion:122 Resp: 118108

Ion Ratio Lower Upper

122 100

107 121.9 103.8 155.6

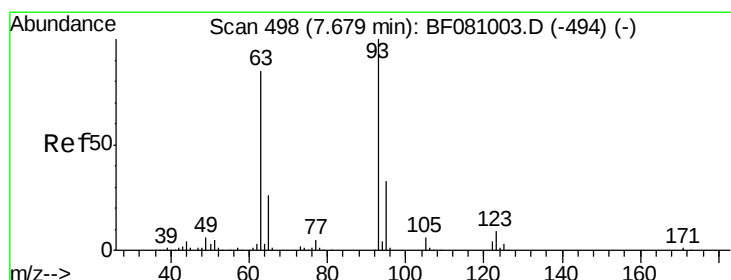
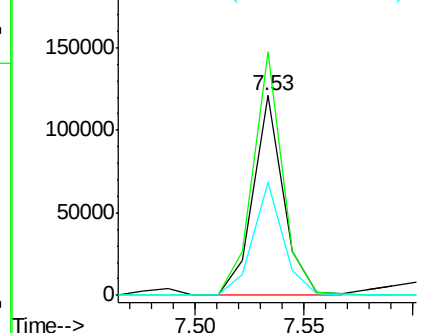
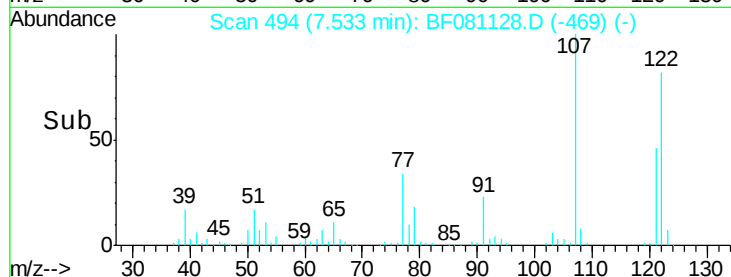
121 56.6 47.0 70.4



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: 24.53 ng

RT: 7.62 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

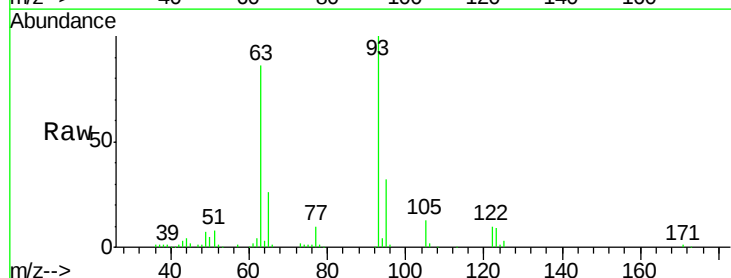
Tgt Ion: 93 Resp: 167707

Ion Ratio Lower Upper

93 100

95 31.9 25.8 38.8

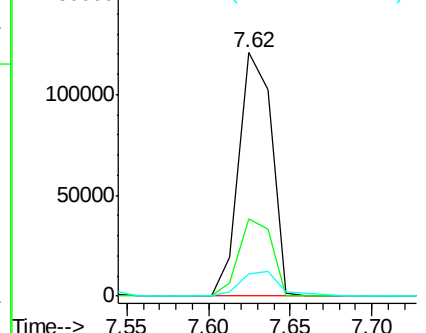
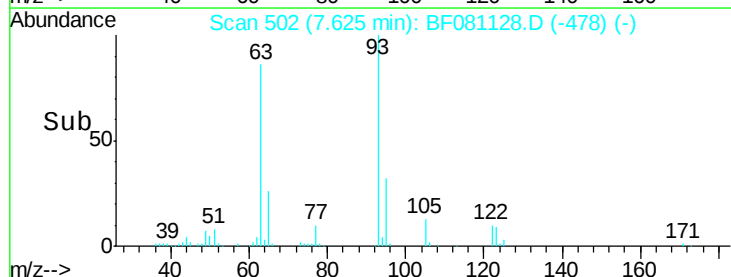
123 9.0 7.4 11.0

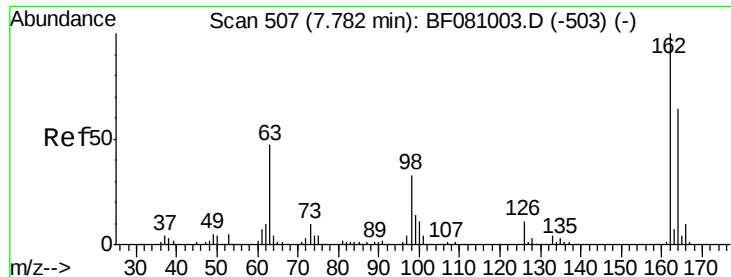


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

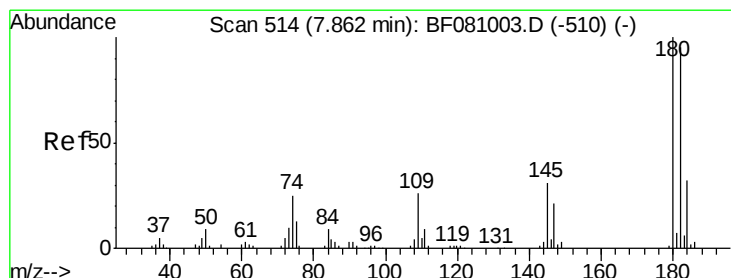
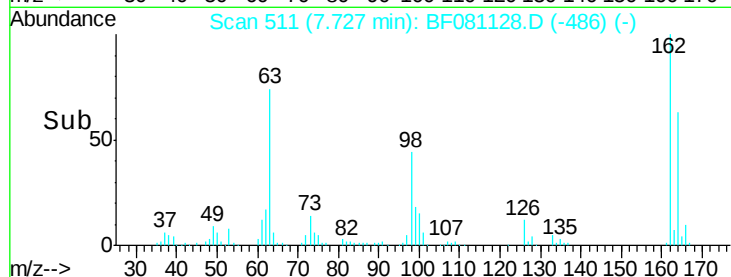
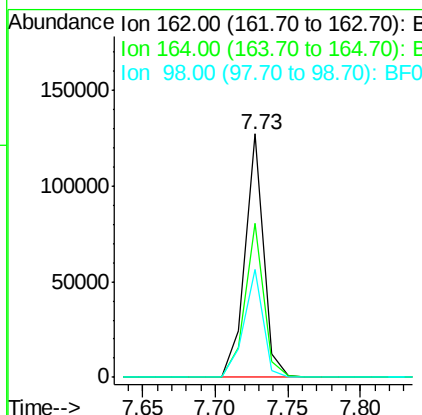
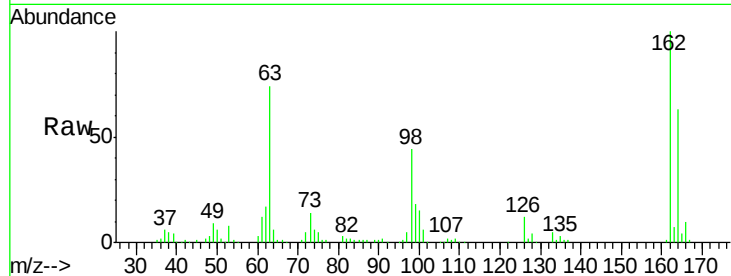




#29
 2,4-Dichlorophenol
 Concen: 28.28 ng
 RT: 7.73 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

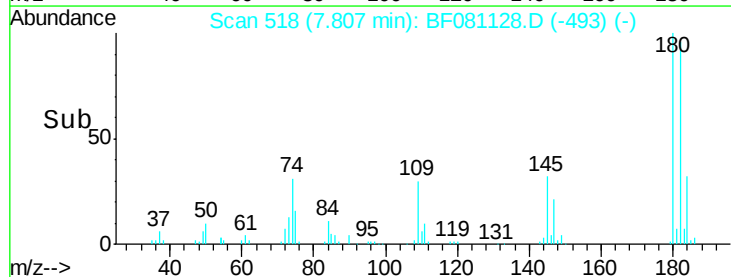
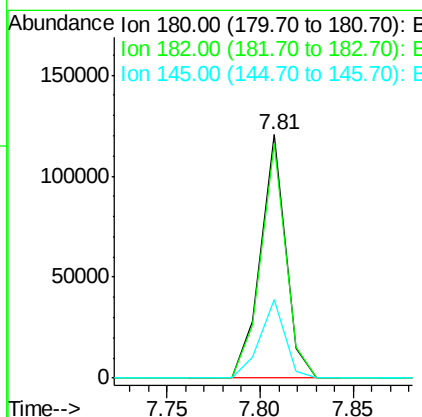
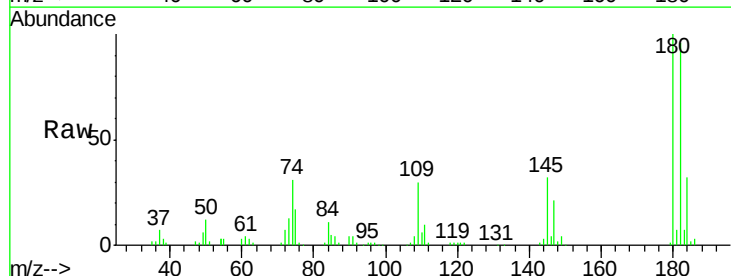
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

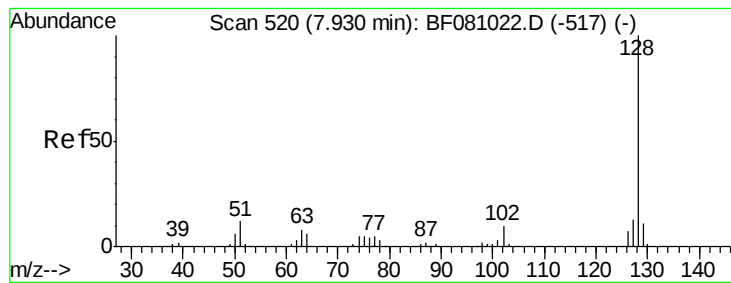
Tot Ion:162 Resp: 113659
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.2 83.2
 98 44.4 12.3 52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 25.14 ng
 RT: 7.81 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion:180 Resp: 112308
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.4 114.6
 145 32.5 25.4 38.2





#31

Naphthalene

Concen: 25.67 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

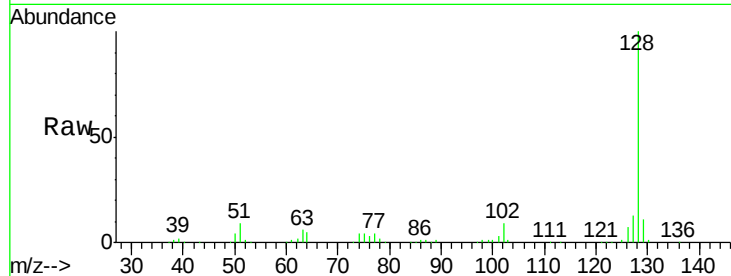
Tot Ion:128 Resp: 405641

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

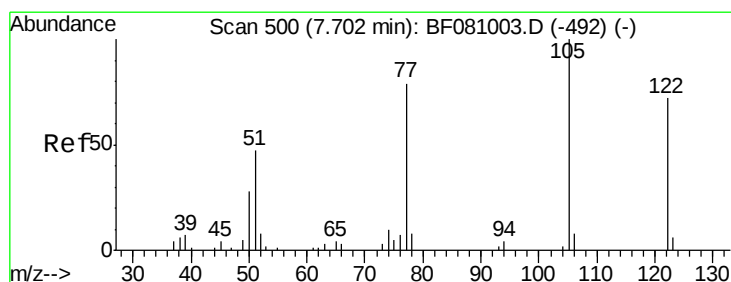
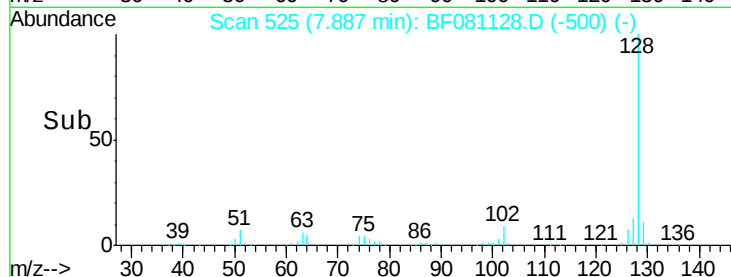
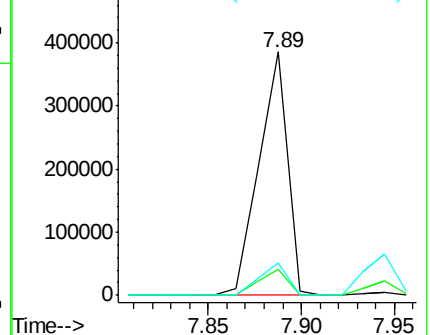
127 13.4 10.6 16.0



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: 28.77 ng

RT: 7.66 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

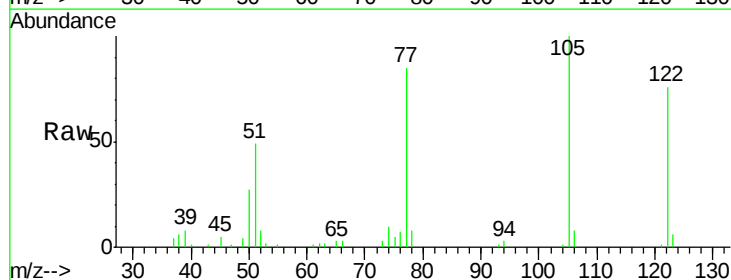
Tgt Ion:122 Resp: 77256

Ion Ratio Lower Upper

122 100

105 131.8 113.8 153.8

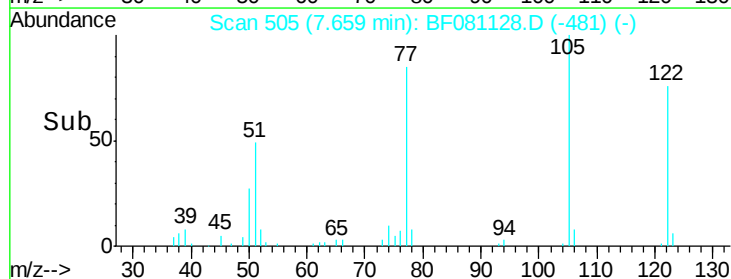
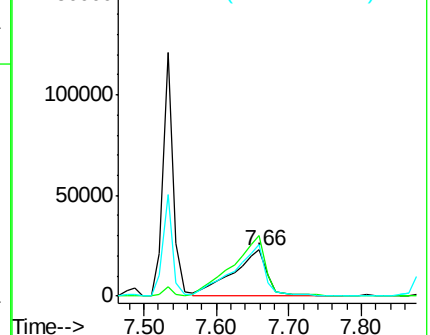
77 111.9 93.8 133.8



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

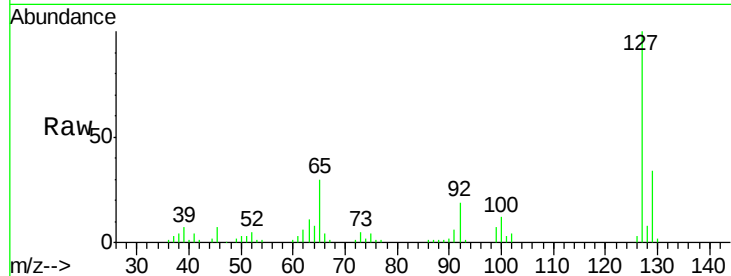




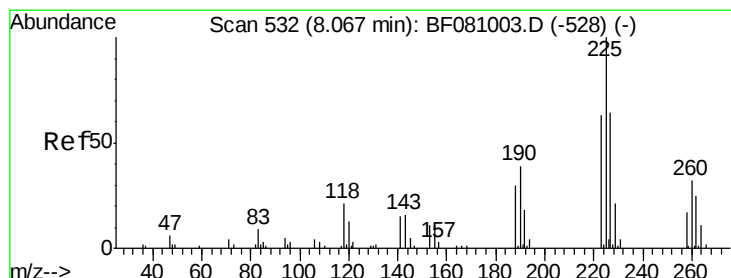
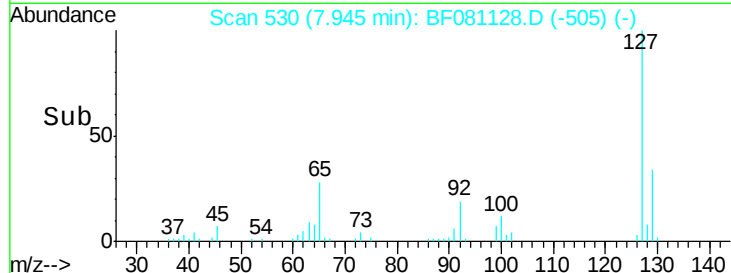
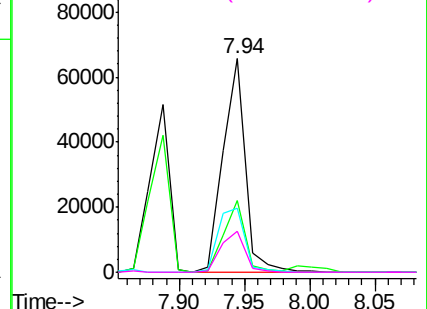
#33
4-Chloroaniline
Concen: 11.78 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion:127	Resp:	78578
Ion	Ratio	Lower Upper
127	100	
129	33.8	25.2 37.8
65	29.7	37.8 56.6#
92	19.0	19.5 29.3#

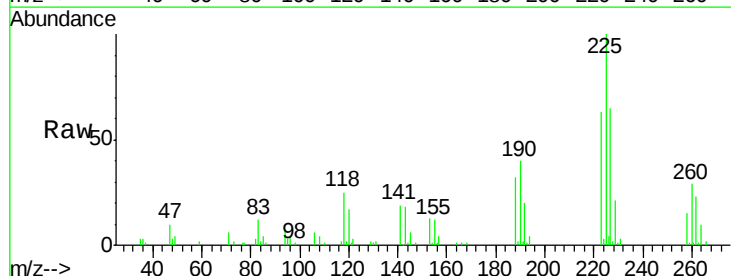


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

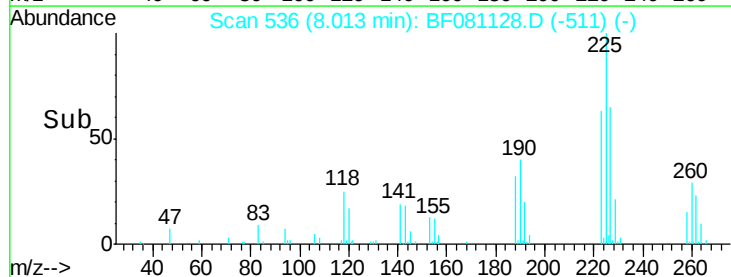
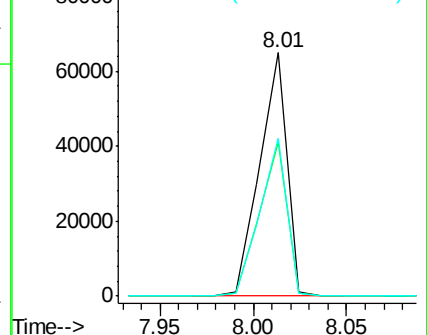


#34
Hexachlorobutadiene
Concen: 26.42 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion:225	Resp:	66752
Ion	Ratio	Lower Upper
225	100	
223	63.4	52.6 79.0
227	64.8	51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.96 ng

RT: 8.34 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

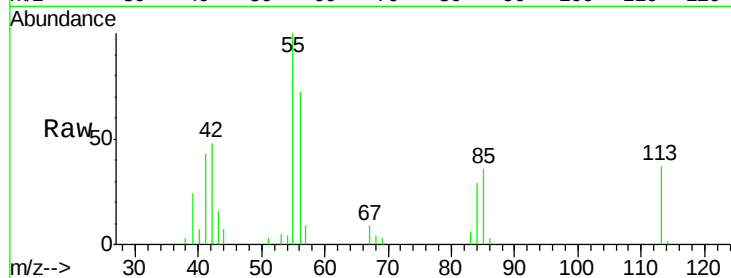
Tot Ion:113 Resp: 11184

Ion Ratio Lower Upper

113 100

55 271.5 280.4 320.4#

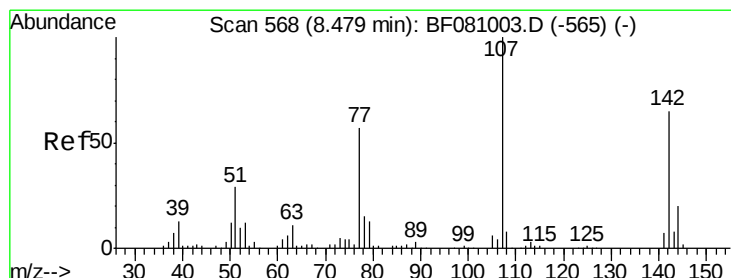
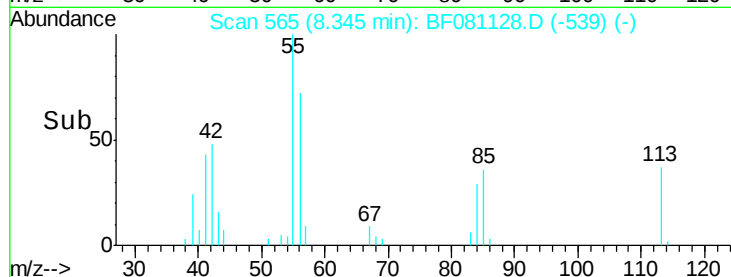
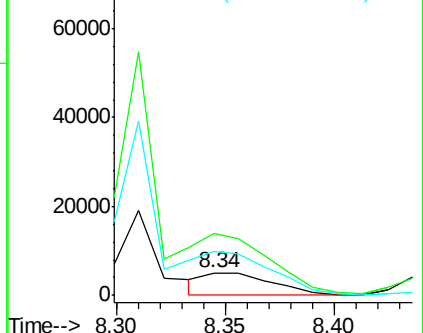
56 194.8 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 28.69 ng

RT: 8.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

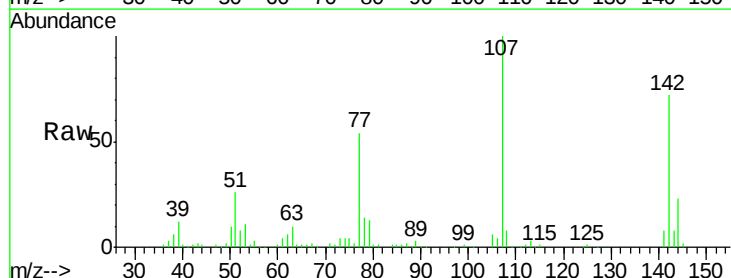
Tgt Ion:107 Resp: 137449

Ion Ratio Lower Upper

107 100

144 22.8 17.2 25.8

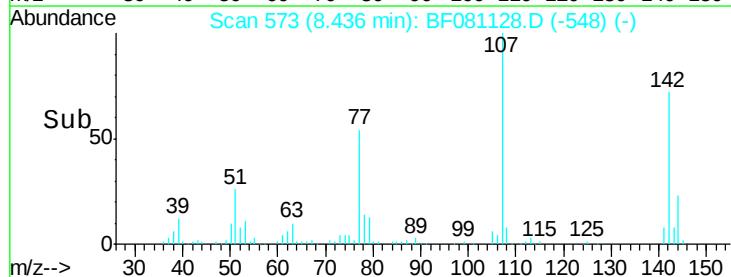
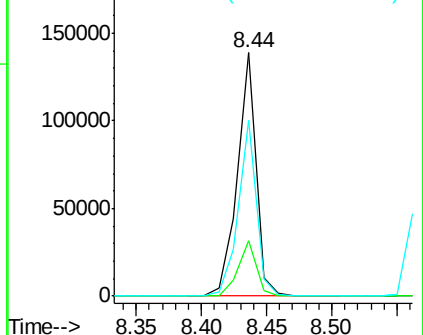
142 72.1 54.9 82.3

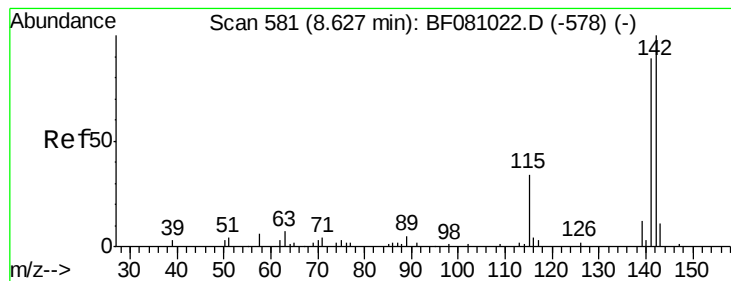


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

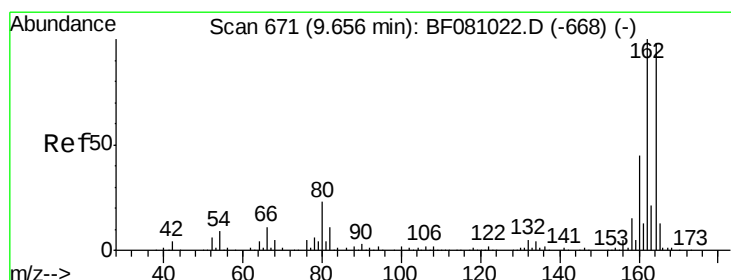
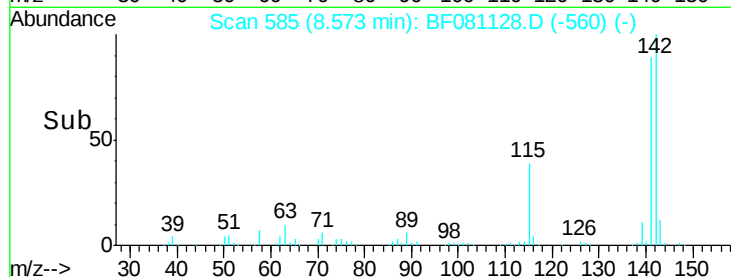
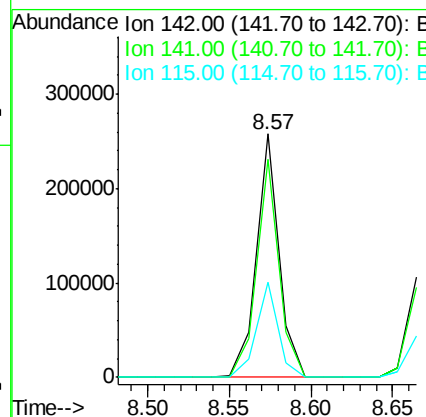
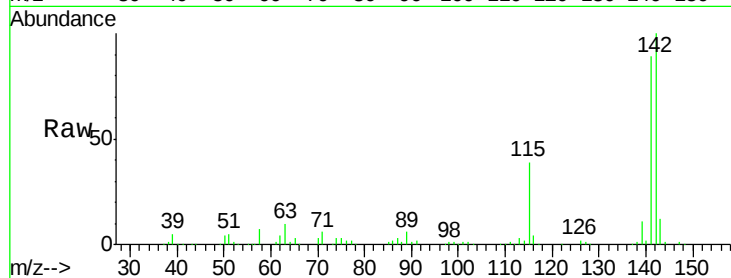




#37
 2-Methylnaphthalene
 Concen: 24.85 ng
 RT: 8.57 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

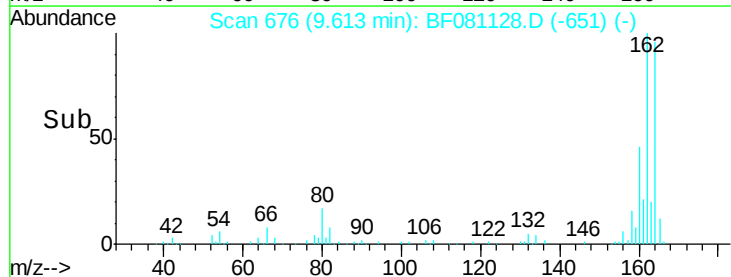
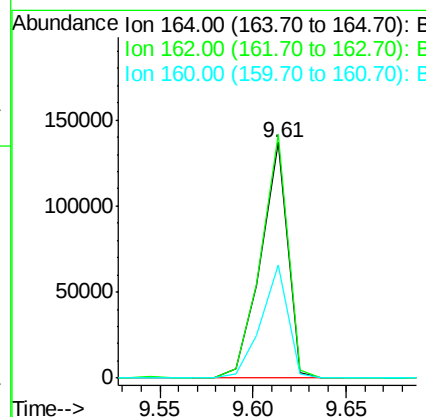
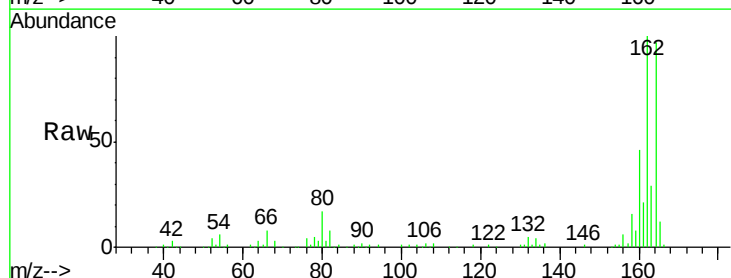
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

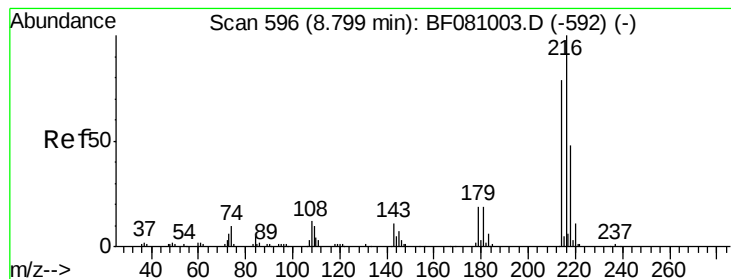
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	39.1	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.8	125.8
160	47.7	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.46 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

Tot Ion:216 Resp: 112415

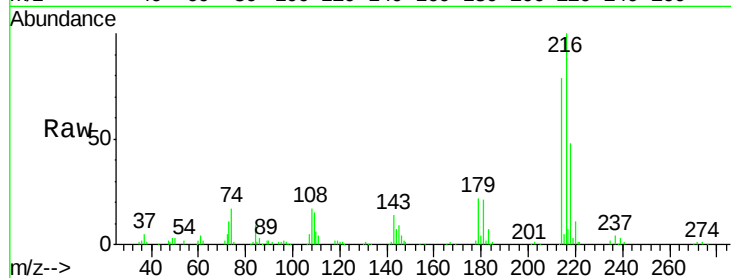
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.8

179 22.4 17.8 26.8

108 23.4 16.2 24.2

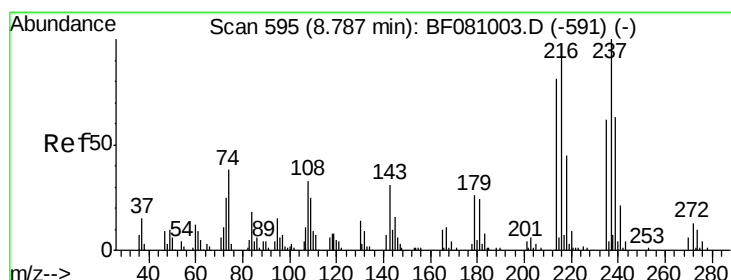
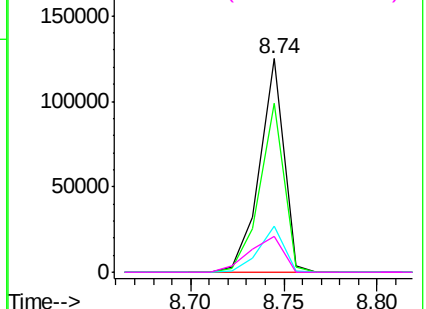
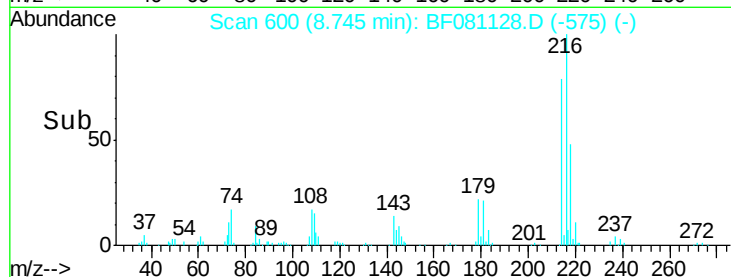


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.32 ng

RT: 8.73 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

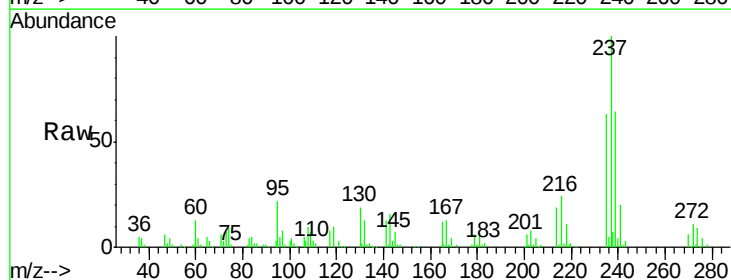
Tgt Ion:237 Resp: 121840

Ion Ratio Lower Upper

237 100

235 63.4 43.6 83.6

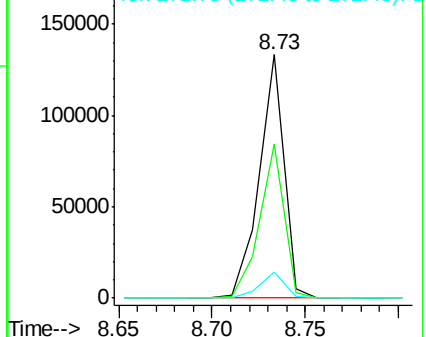
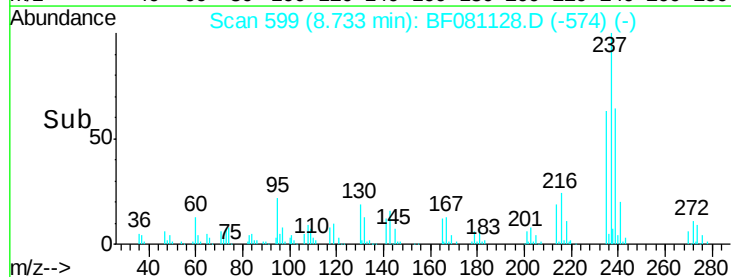
272 10.5 0.0 32.2

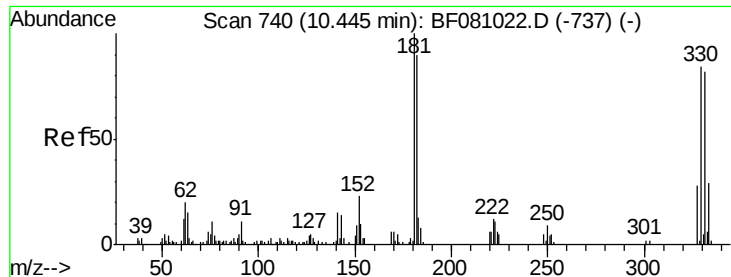


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 46.27 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

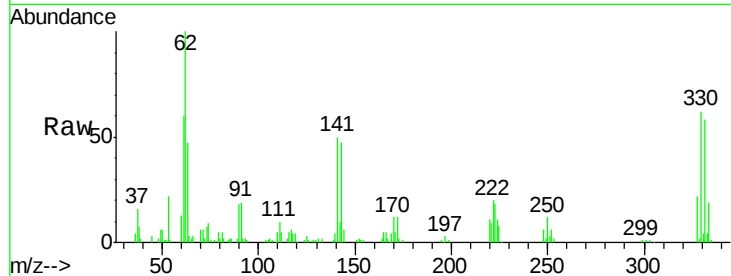
Tot Ion:330 Resp: 54891

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

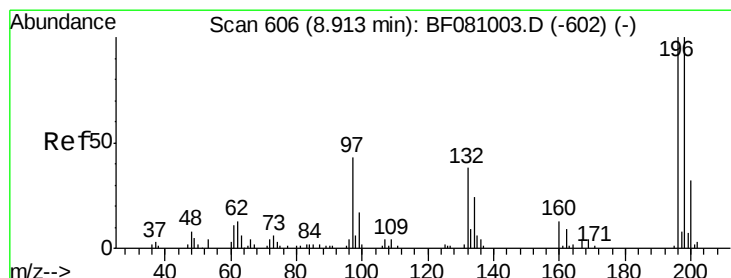
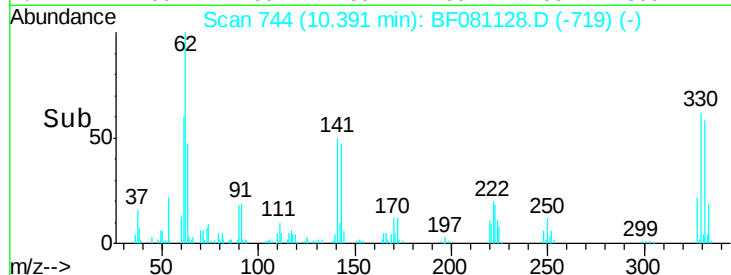
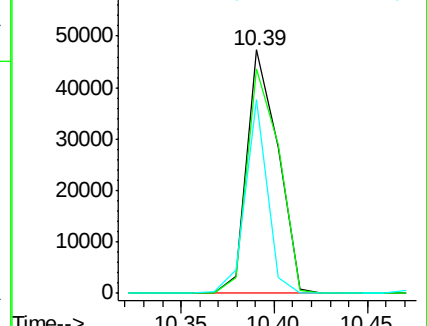
141 56.9 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 26.23 ng

RT: 8.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

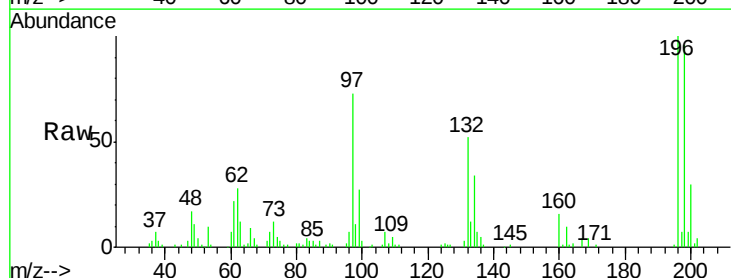
Tgt Ion:196 Resp: 81806

Ion Ratio Lower Upper

196 100

198 95.5 74.6 111.8

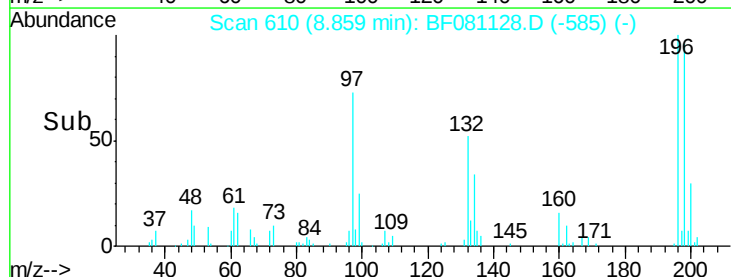
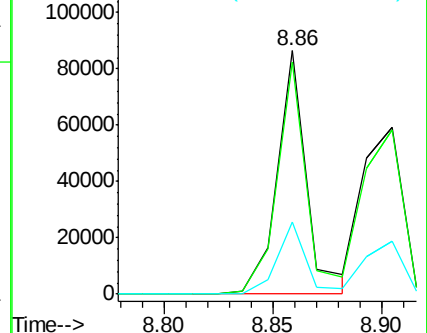
200 29.7 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

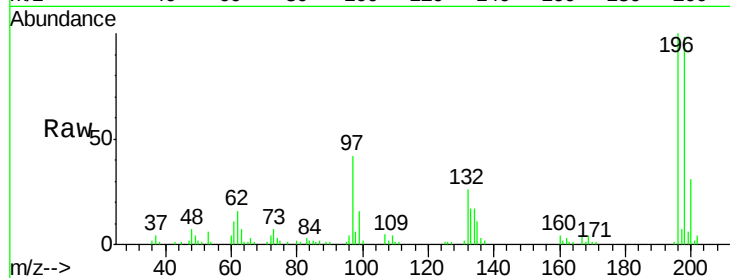




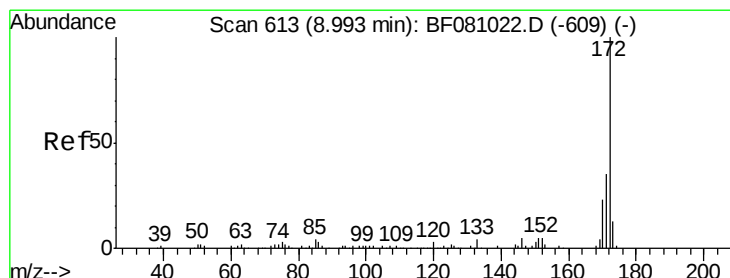
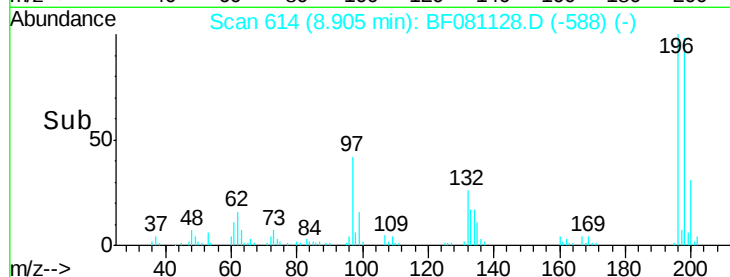
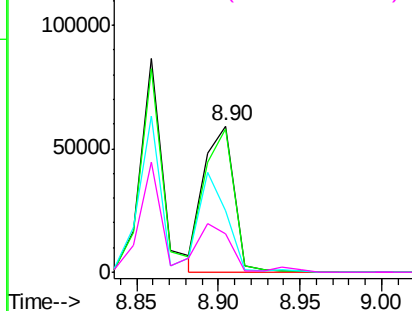
#43
 2,4,5-Trichlorophenol
 Concen: 24.58 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB85099BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	78.3	117.5
97	42.2	42.7	64.1#
132	26.2	23.3	34.9

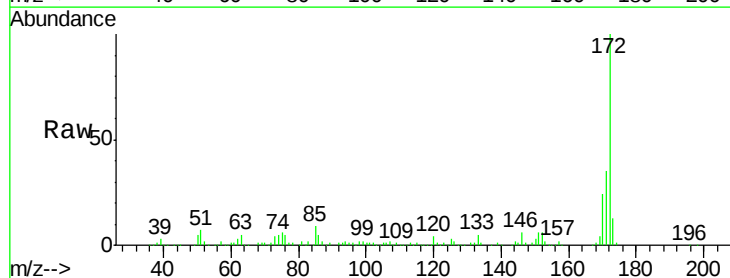


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

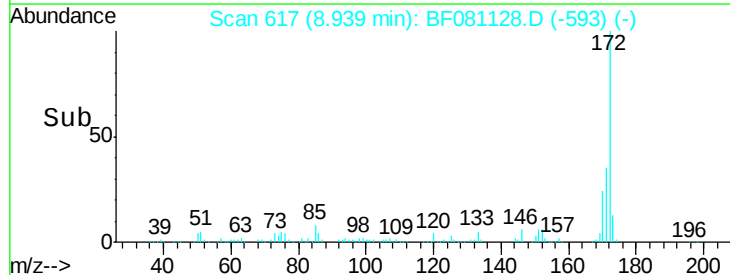
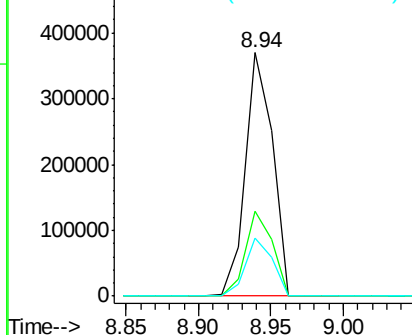


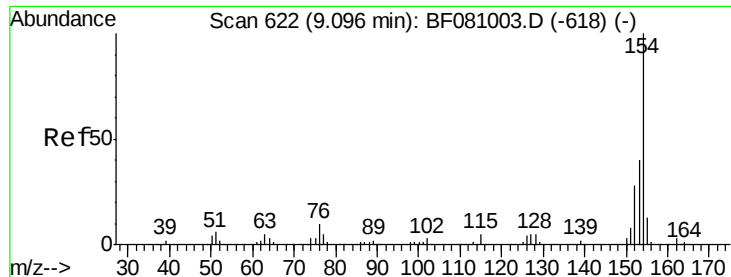
#44
 2-Fluorobiphenyl
 Concen: 46.03 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	24.0	19.4	29.2



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: 27.73 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

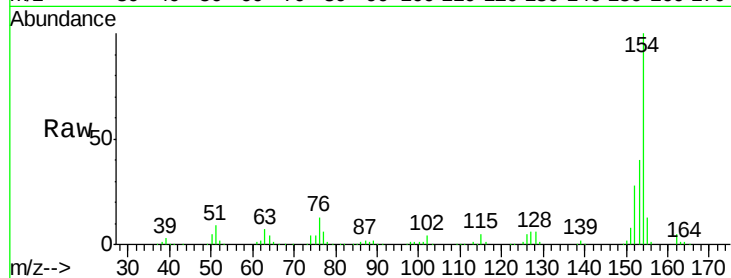
Tot Ion:154 Resp: 334257

Ion Ratio Lower Upper

154 100

153 40.0 19.5 59.5

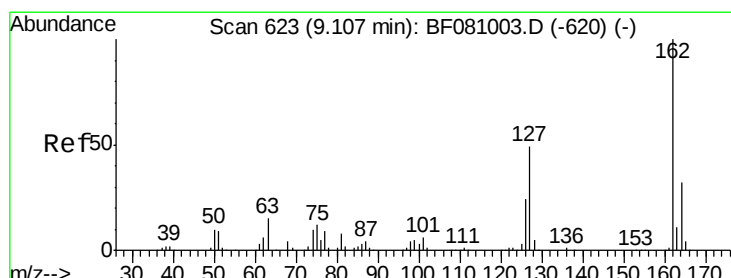
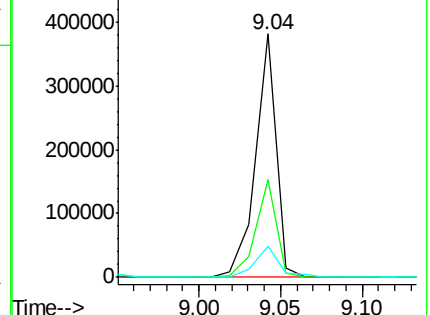
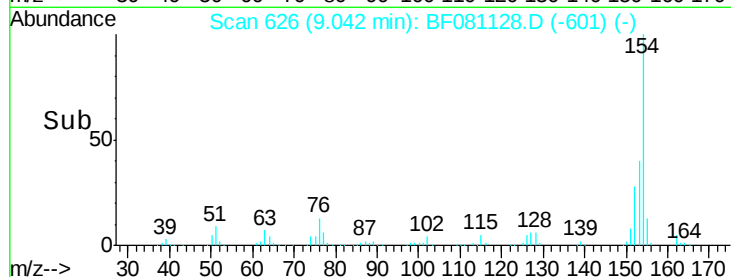
76 12.6 0.0 29.3



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: 24.78 ng

RT: 9.06 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

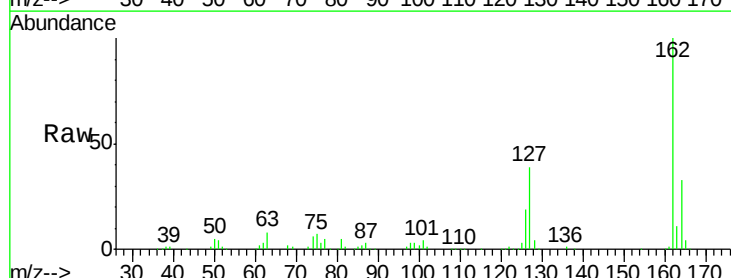
Tgt Ion:162 Resp: 239913

Ion Ratio Lower Upper

162 100

127 39.1 31.3 46.9

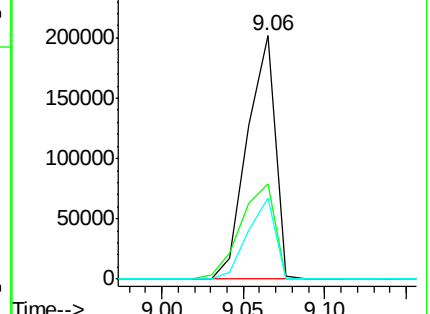
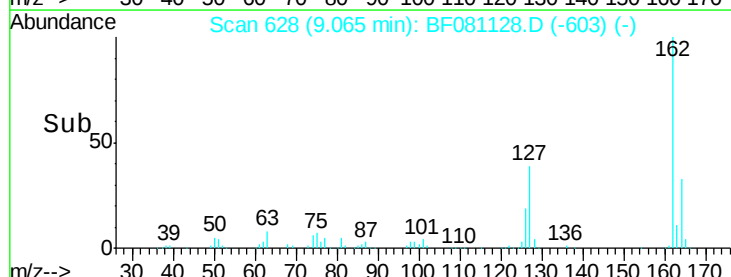
164 33.1 26.3 39.5



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

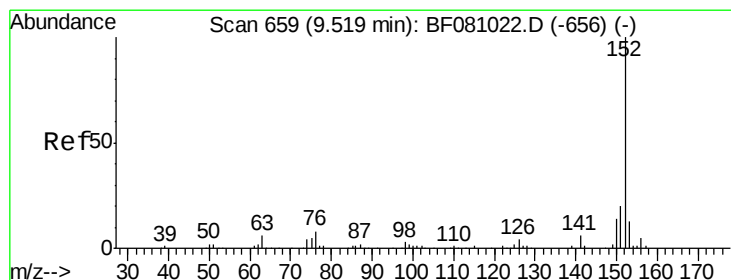
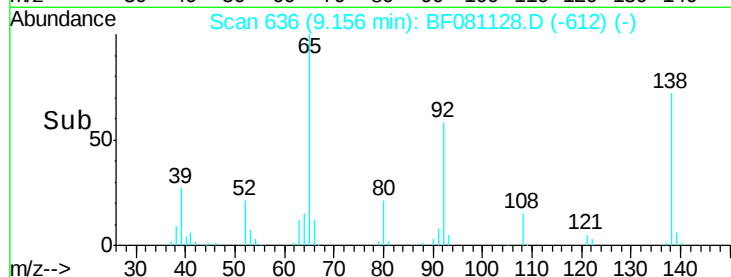
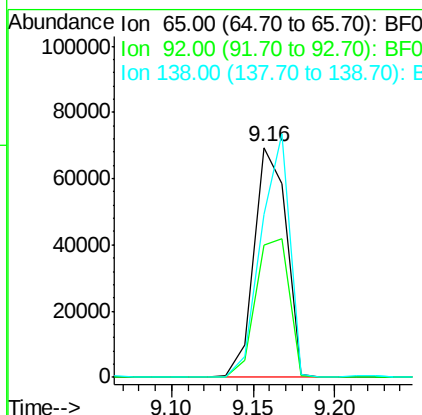
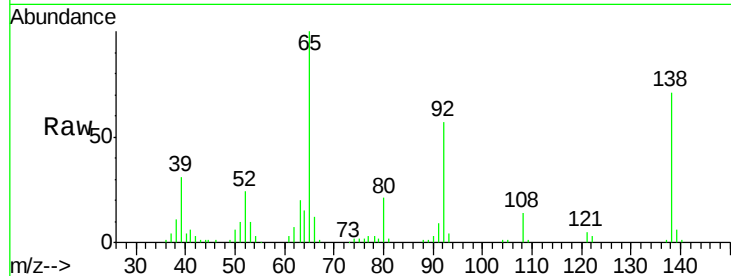




#47
 2-Nitroaniline
 Concen: 24.03 ng
 RT: 9.16 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

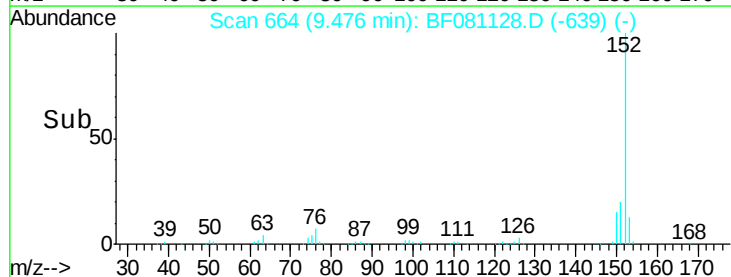
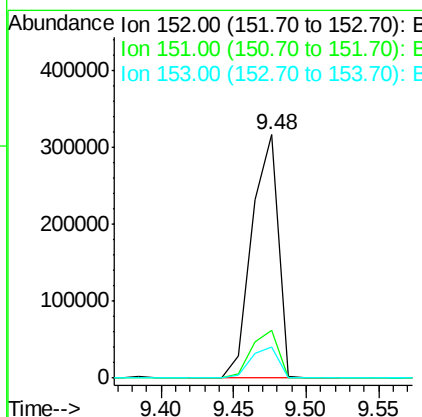
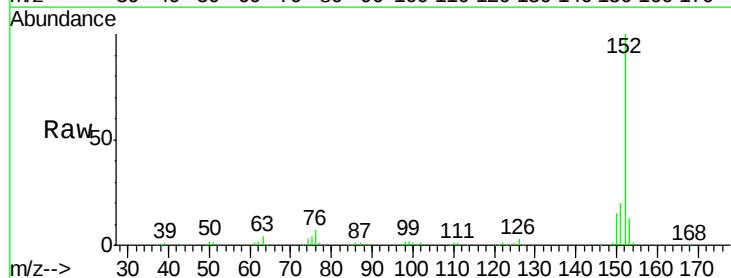
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

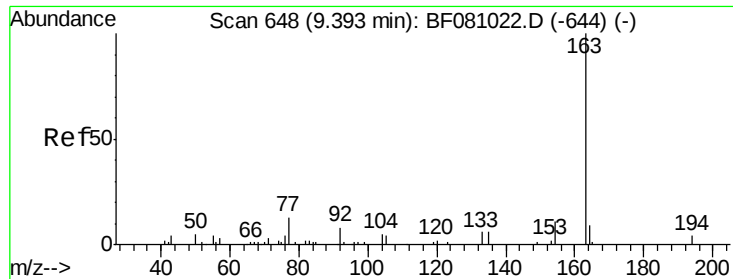
Tot Ion: 65 Resp: 95220
 Ion Ratio Lower Upper
 65 100
 92 57.4 45.6 68.4
 138 70.8 57.9 86.9



#48
 Acenaphthylene
 Concen: 22.99 ng
 RT: 9.48 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion: 152 Resp: 398174
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.1 24.1
 153 12.7 9.8 14.6

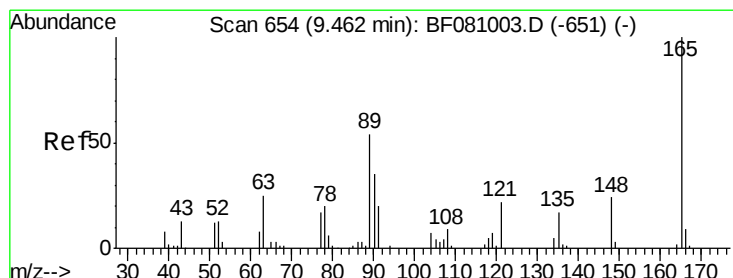
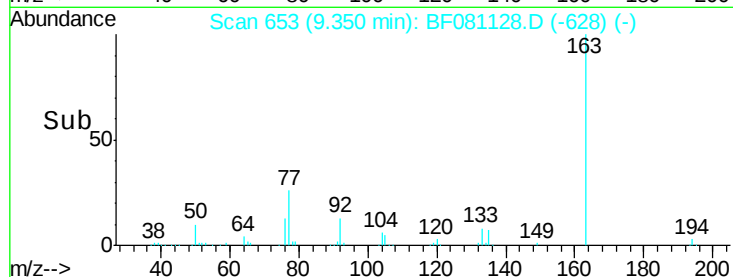
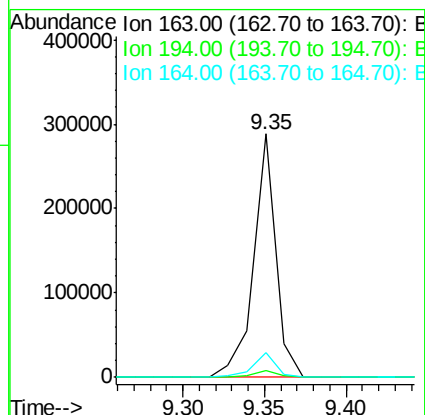
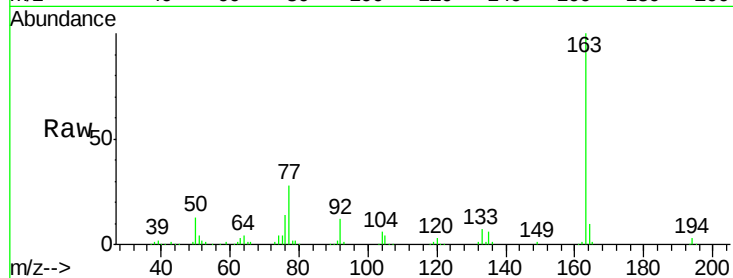




#49
Dimethylphthalate
Concen: 24.21 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

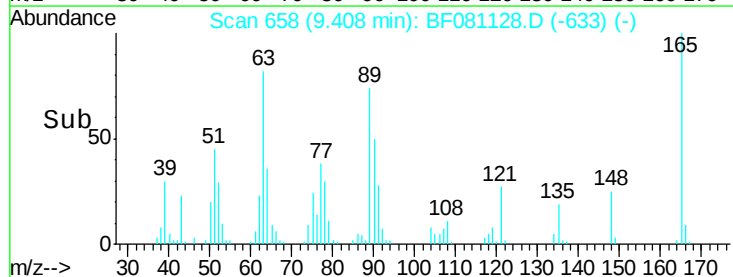
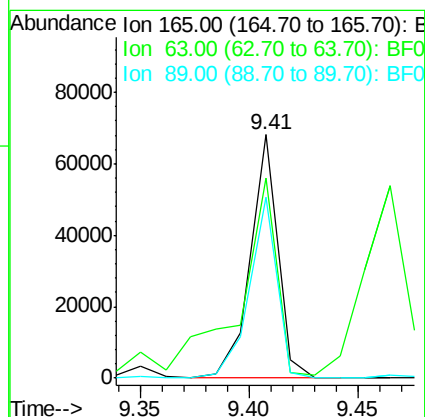
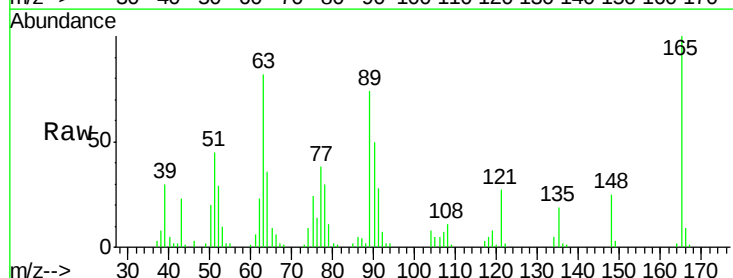
Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.5	3.7
164	10.3	8.1	12.1



#50
2,6-Dinitrotoluene
Concen: 24.77 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	82.3	49.5	74.3#
89	74.4	47.6	71.4#





#51

Acenaphthene

Concen: 23.26 ng

RT: 9.65 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

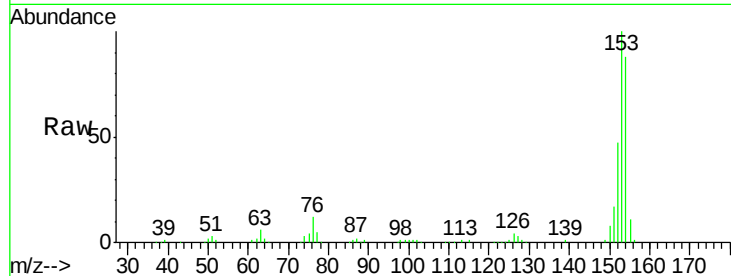
Tot Ion:154 Resp: 241249

Ion Ratio Lower Upper

154 100

153 113.7 91.4 137.2

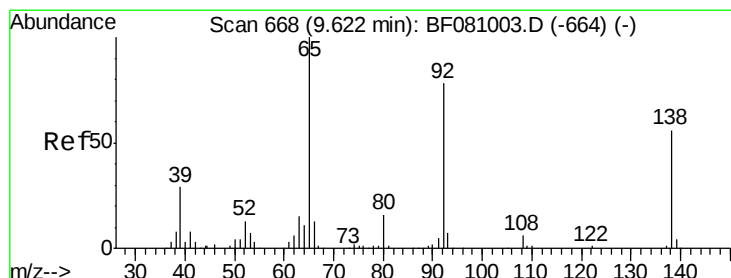
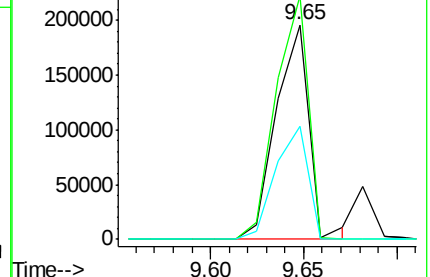
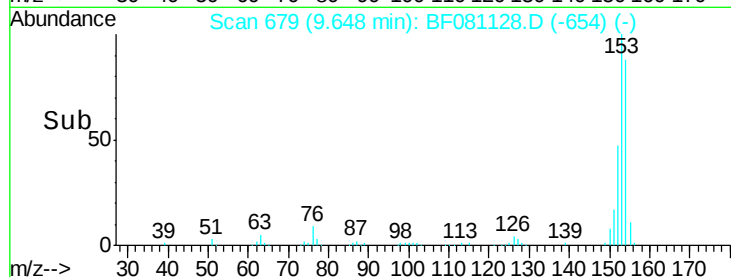
152 53.0 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.41 ng

RT: 9.57 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

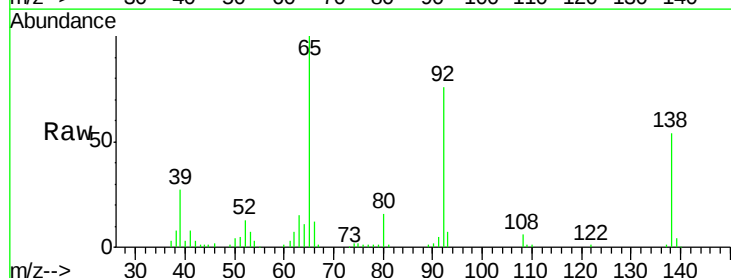
Tgt Ion:138 Resp: 43636

Ion Ratio Lower Upper

138 100

108 11.3 9.4 14.2

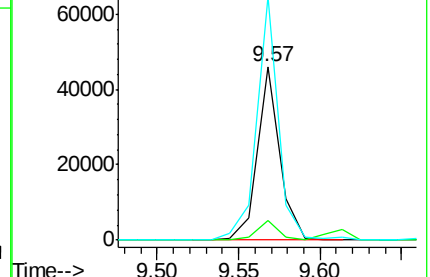
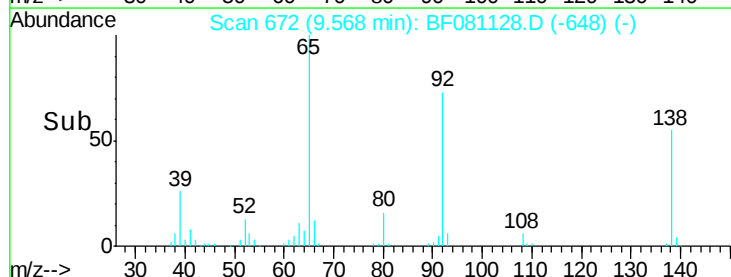
92 140.3 113.2 169.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

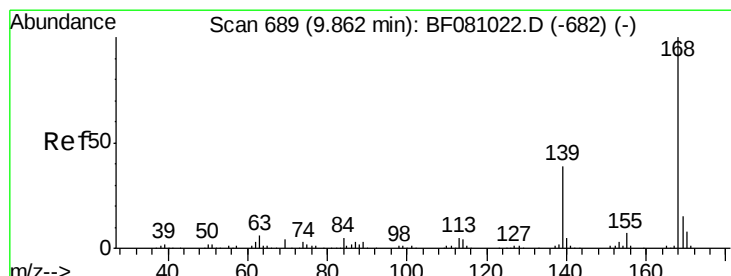
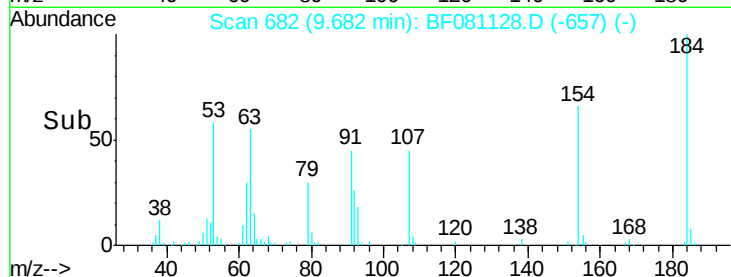
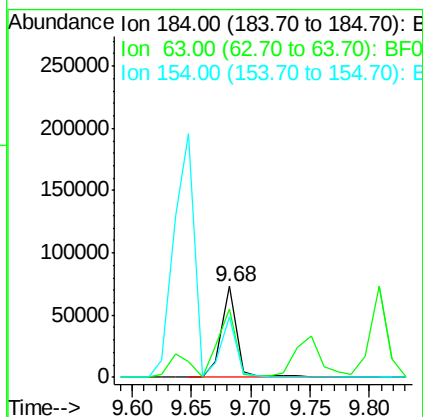
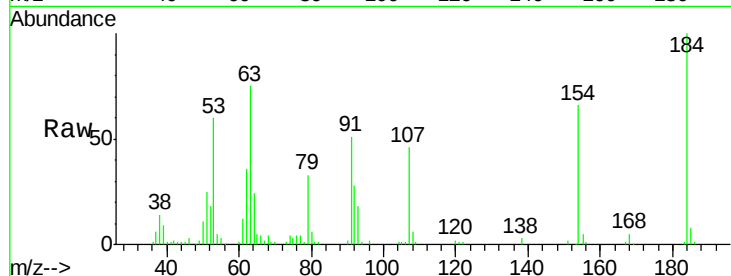




#53
 2,4-Dinitrophenol
 Concen: 53.05 ng
 RT: 9.68 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

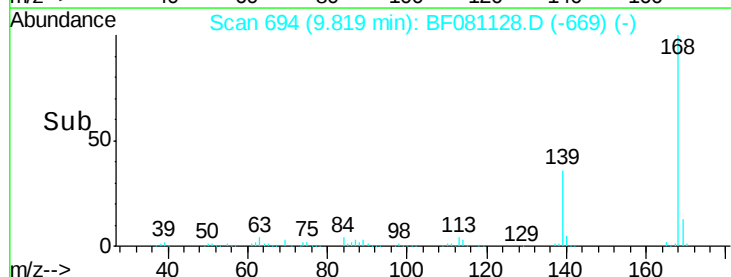
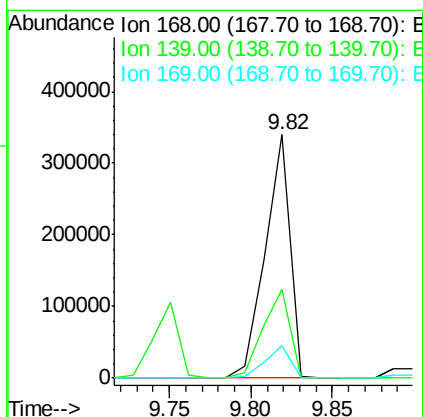
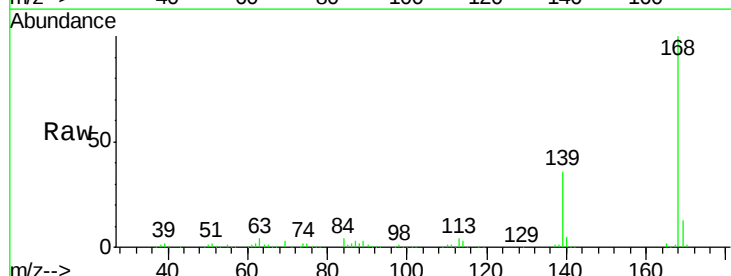
Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

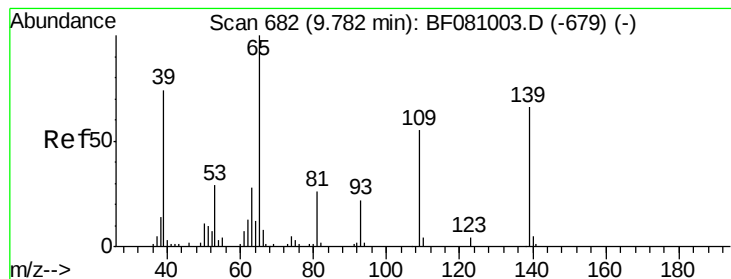
Tot Ion:184 Resp: 65660
 Ion Ratio Lower Upper
 184 100
 63 75.3 101.7 152.5#
 154 66.1 67.4 101.0#



#54
 Dibenzofuran
 Concen: 25.96 ng
 RT: 9.82 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion:168 Resp: 360760
 Ion Ratio Lower Upper
 168 100
 139 36.4 29.3 43.9
 169 13.2 10.3 15.5





#55

4-Nitrophenol

Concen: 53.88 ng

RT: 9.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

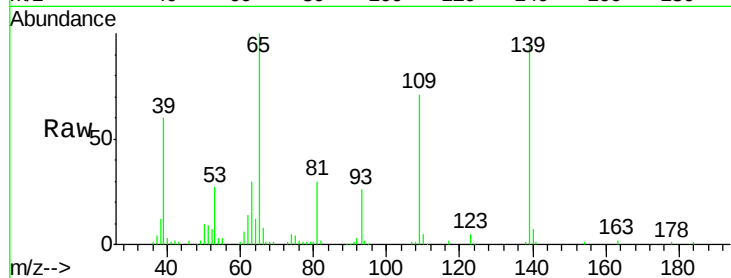
Tot Ion:139 Resp: 114581

Ion Ratio Lower Upper

139 100

109 73.8 80.0 120.0#

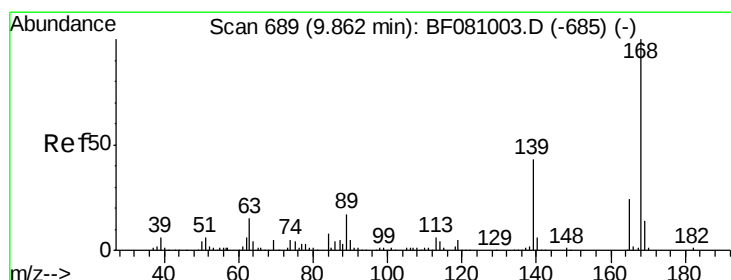
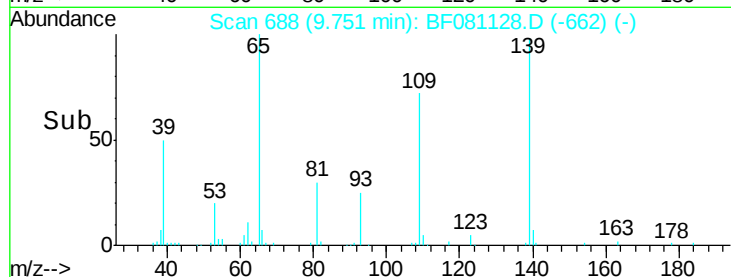
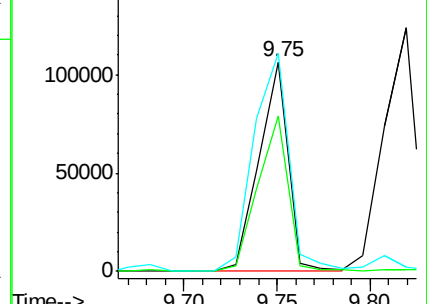
65 103.8 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 25.14 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:165 Resp: 80636

Ion Ratio Lower Upper

165 100

63 78.3 52.2 78.4

89 100.1 60.1 90.1#

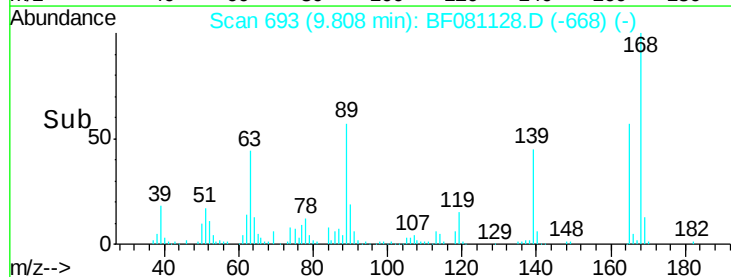
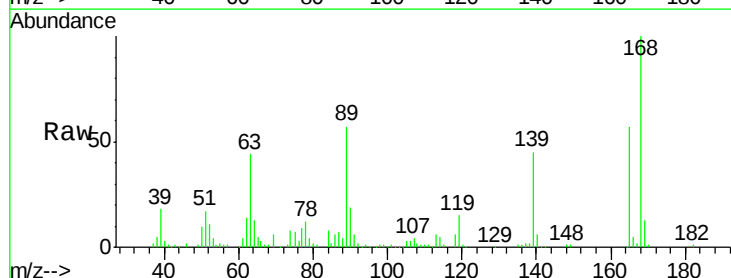
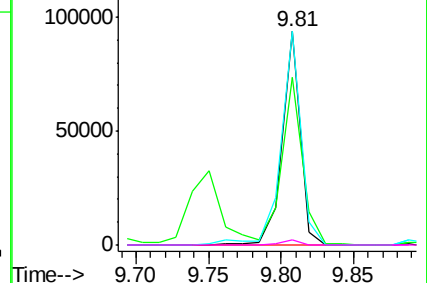
182 2.2 1.8 2.6

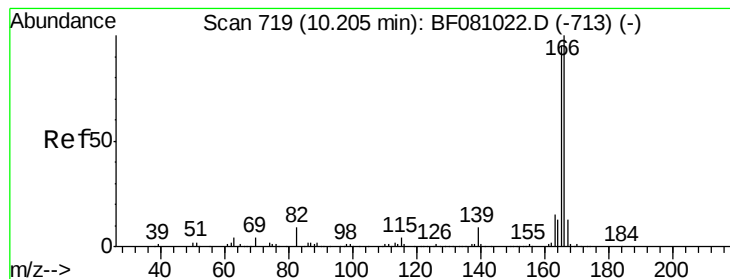
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 23.51 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

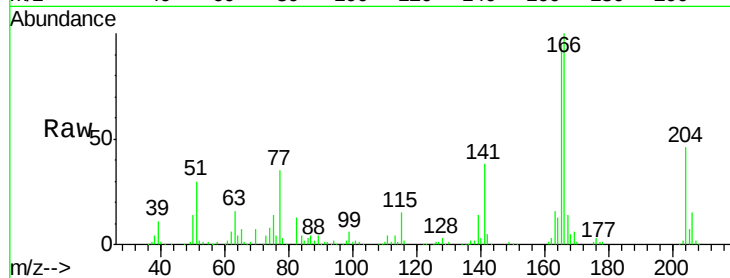
Tot Ion:166 Resp: 251301

Ion Ratio Lower Upper

166 100

165 94.5 75.8 113.8

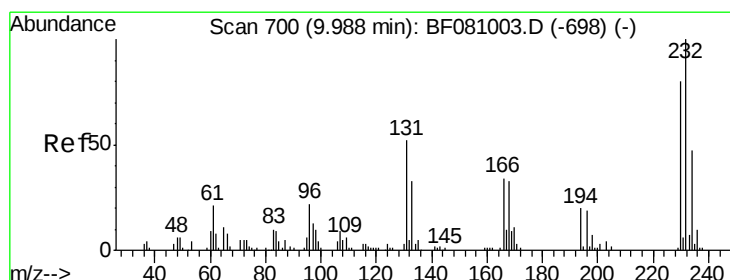
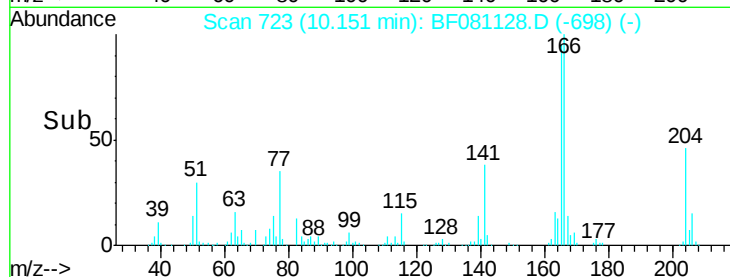
167 13.7 11.3 16.9



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: 26.54 ng

RT: 9.90 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:232 Resp: 64036

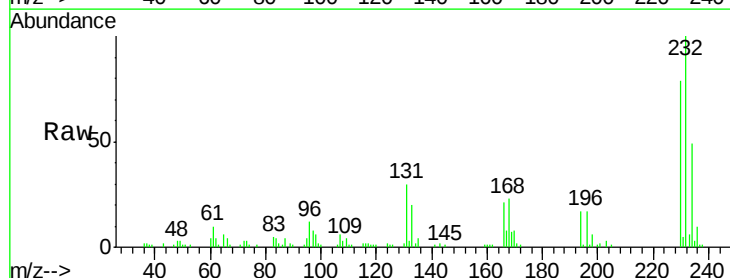
Ion Ratio Lower Upper

232 100

131 47.3 42.2 63.4

130 2.5 2.1 3.1

166 27.8 22.4 33.6

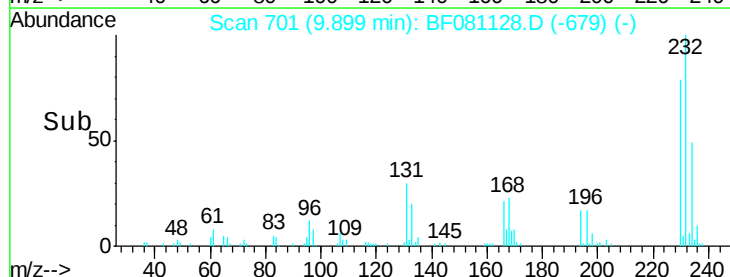


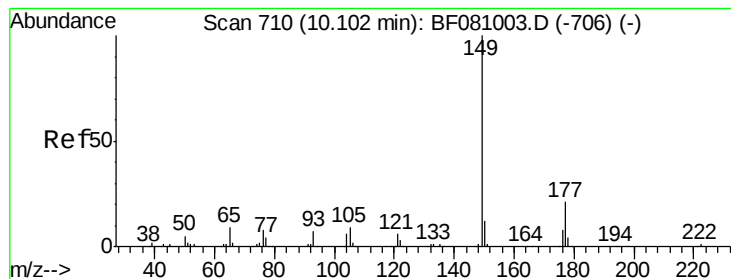
Abundance Ion 232.00 (231.70 to 232.70): E

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: 25.59 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

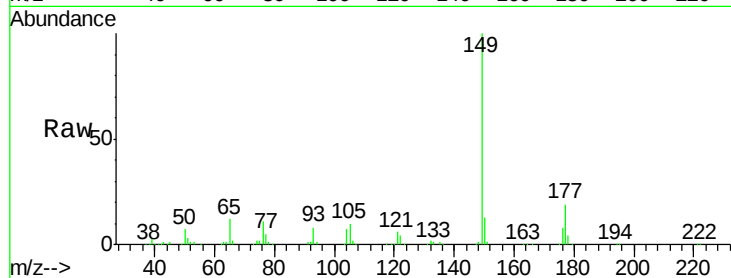
Tot Ion:149 Resp: 305242

Ion Ratio Lower Upper

149 100

177 19.0 14.1 21.1

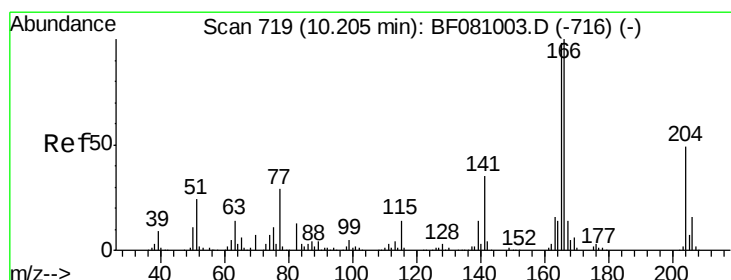
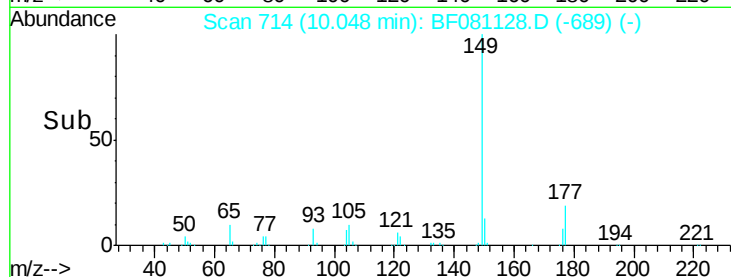
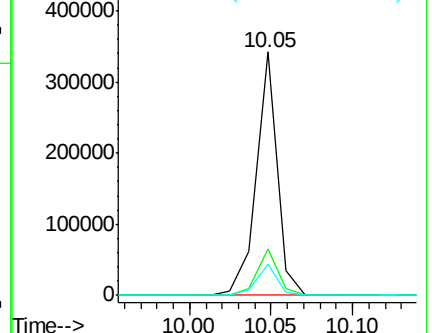
150 12.6 10.3 15.5



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: 24.50 ng

RT: 10.15 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

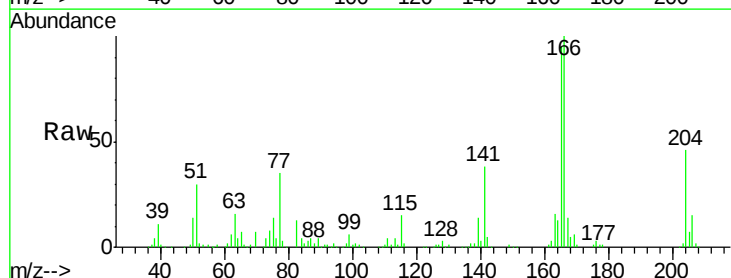
Tgt Ion:204 Resp: 110823

Ion Ratio Lower Upper

204 100

206 32.4 26.2 39.2

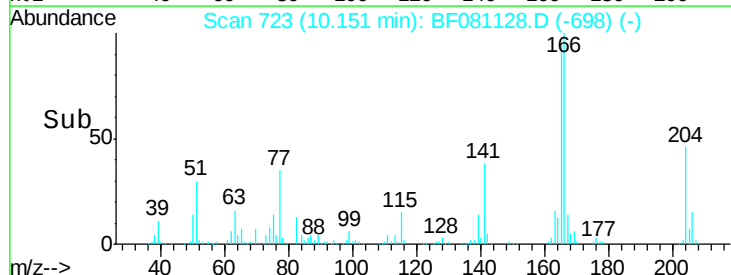
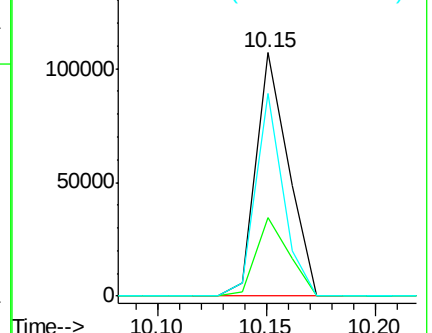
141 83.1 59.6 89.4

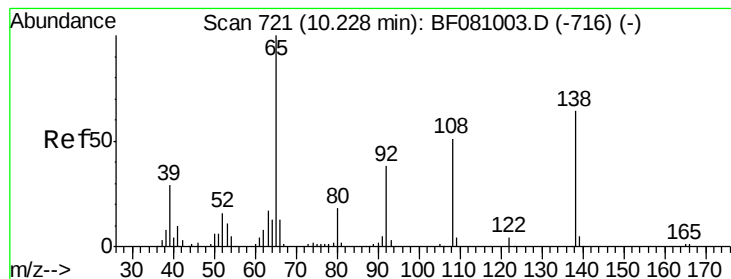


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 24.58 ng

RT: 10.18 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

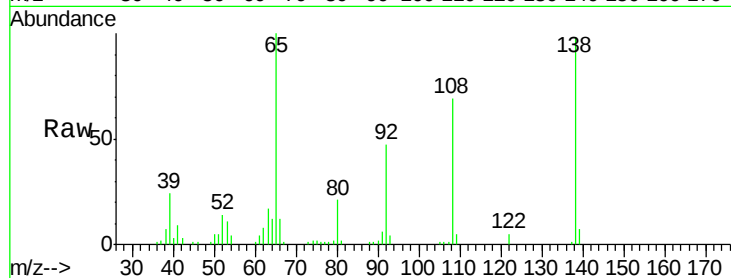
Tot Ion:138 Resp: 76068

Ion Ratio Lower Upper

138 100

92 47.7 34.7 74.7

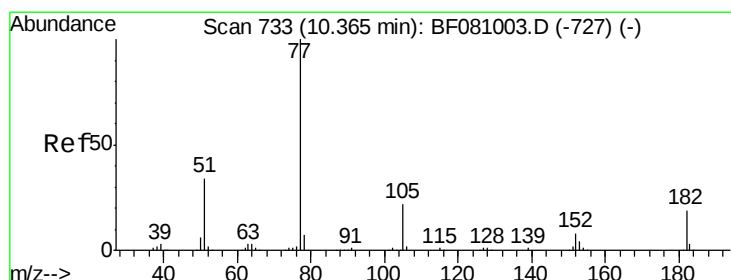
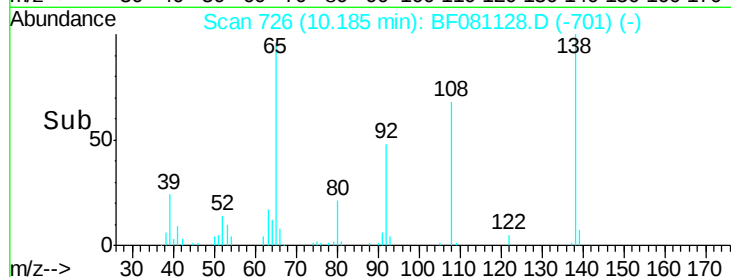
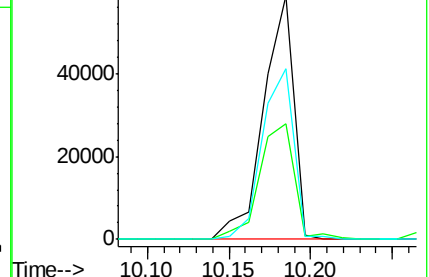
108 70.1 68.9 108.9



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: 26.02 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion: 77 Resp: 357597

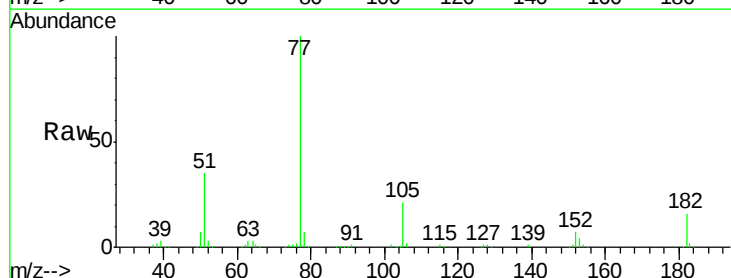
Ion Ratio Lower Upper

77 100

182 16.4 0.0 39.0

105 21.0 0.2 40.2

51 35.4 18.0 58.0

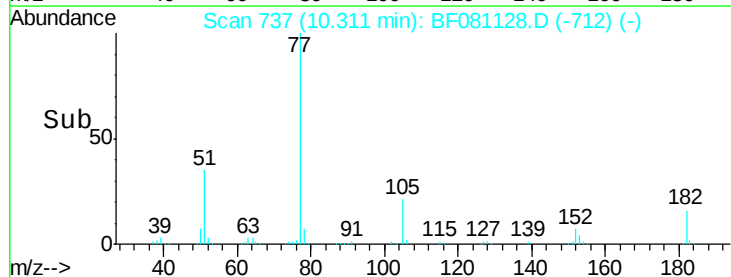
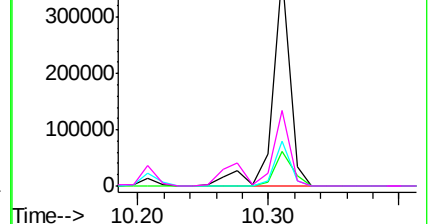


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

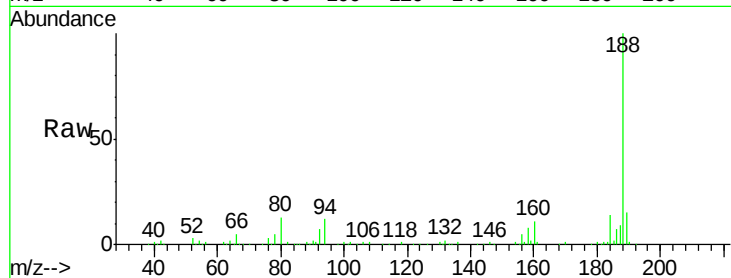




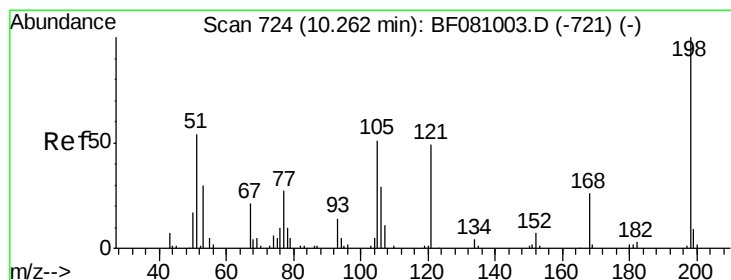
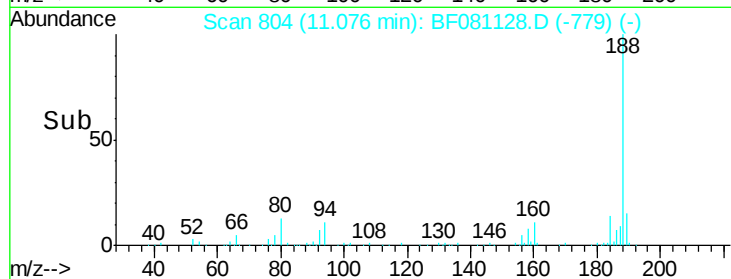
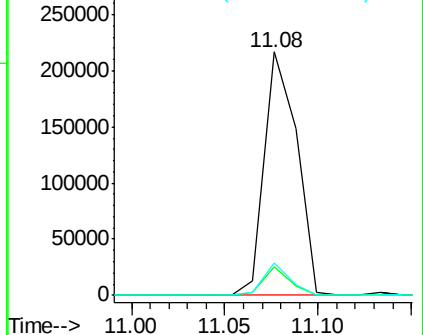
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion:188 Resp: 261961
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.2 12.2
 80 13.2 9.5 14.3

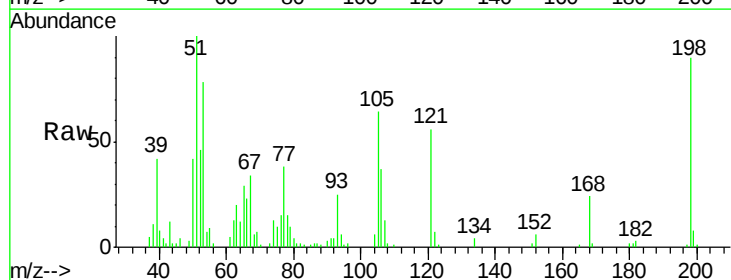


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

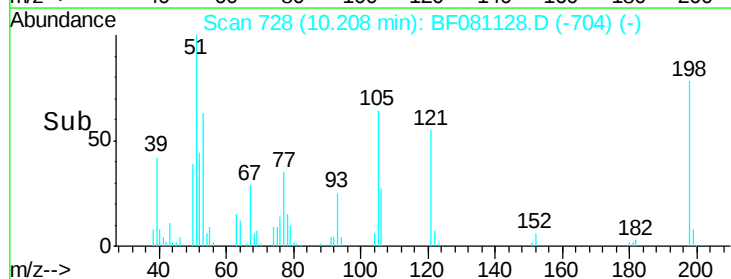
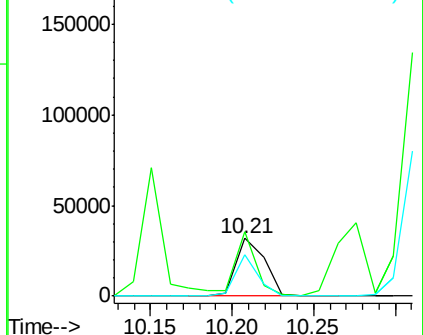


#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.53 ng
 RT: 10.21 min Scan# 728
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion:198 Resp: 38377
 Ion Ratio Lower Upper
 198 100
 51 111.5 79.7 119.7
 105 71.6 47.0 87.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

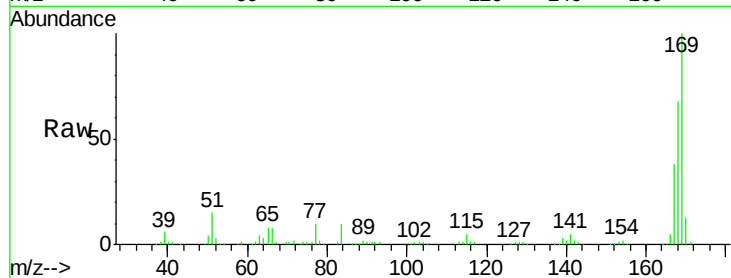




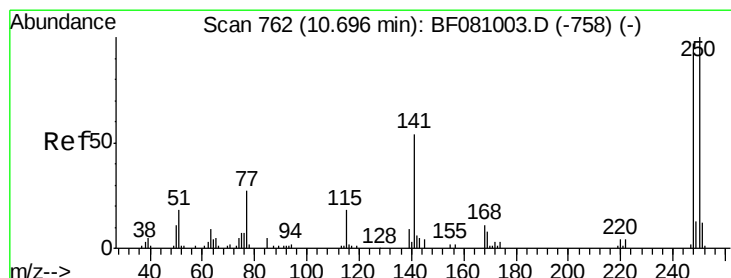
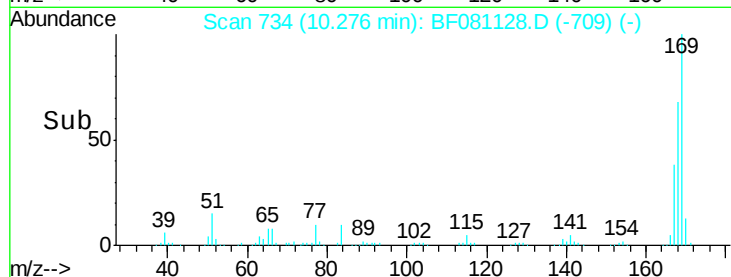
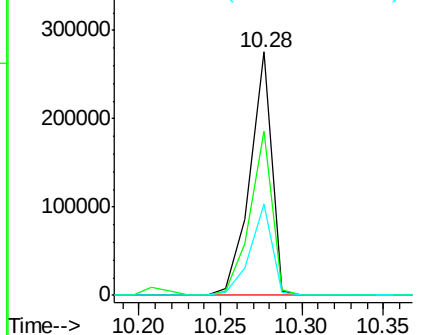
#65
 n-Nitrosodiphenylamine
 Concen: 27.55 ng
 RT: 10.28 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion:169 Resp: 257589
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.3 82.9
 167 37.7 30.8 46.2

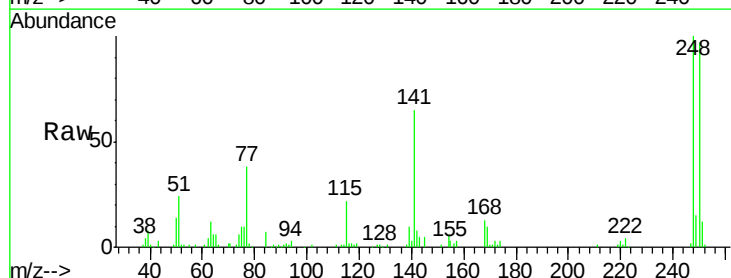


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

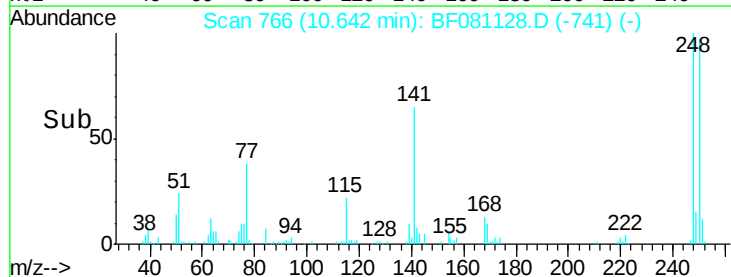
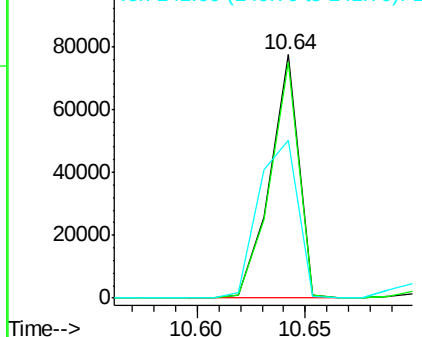


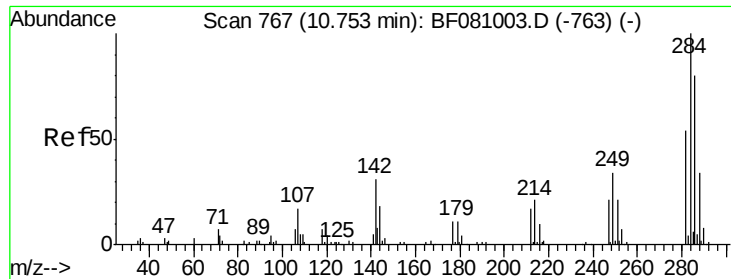
#66
 4-Bromophenyl-phenylether
 Concen: 27.98 ng
 RT: 10.64 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion:248 Resp: 72008
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.8 116.6
 141 64.8 39.8 59.6#



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: 29.00 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

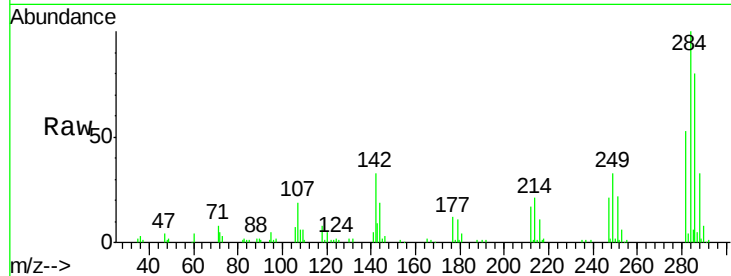
Tot Ion:284 Resp: 75588

Ion Ratio Lower Upper

284 100

142 33.2 25.4 38.0

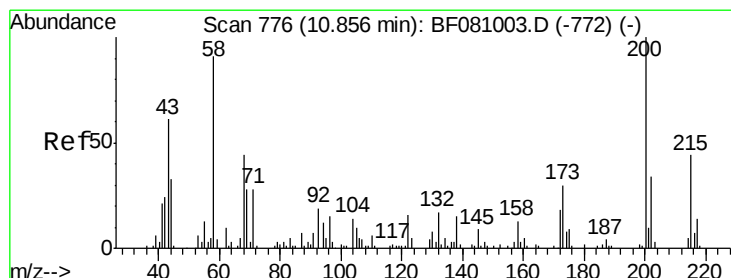
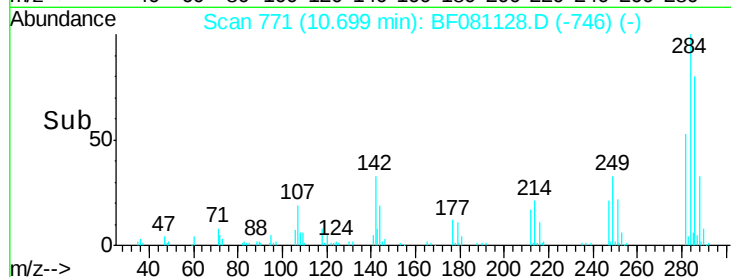
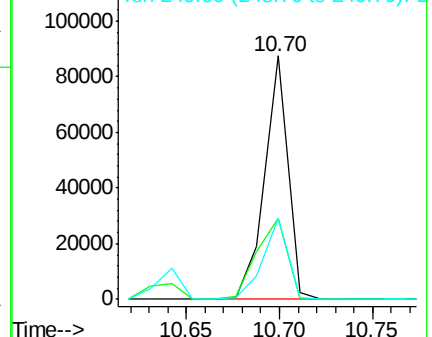
249 33.2 28.5 42.7



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: 29.66 ng

RT: 10.80 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

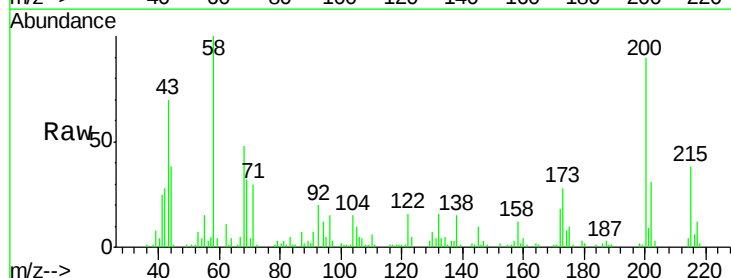
Tgt Ion:200 Resp: 77273

Ion Ratio Lower Upper

200 100

173 30.7 8.1 48.1

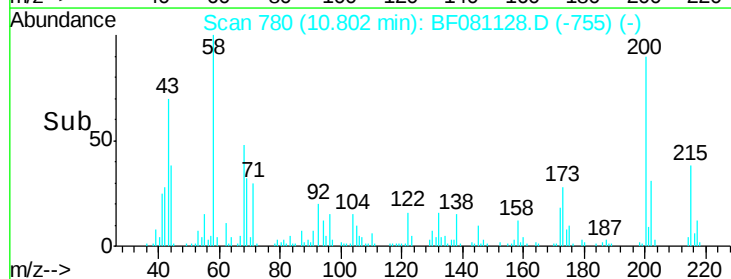
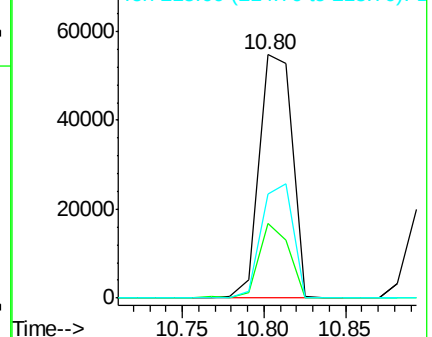
215 42.5 23.3 63.3

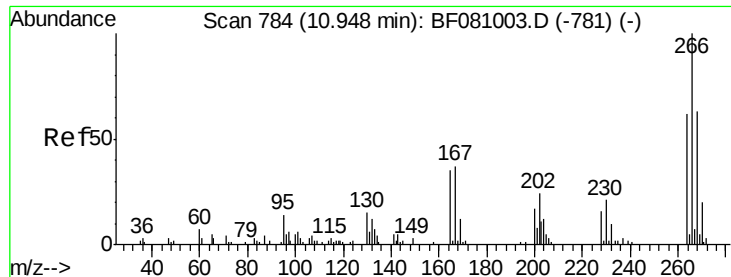


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

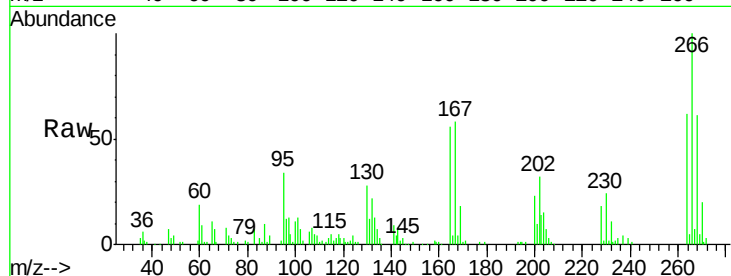




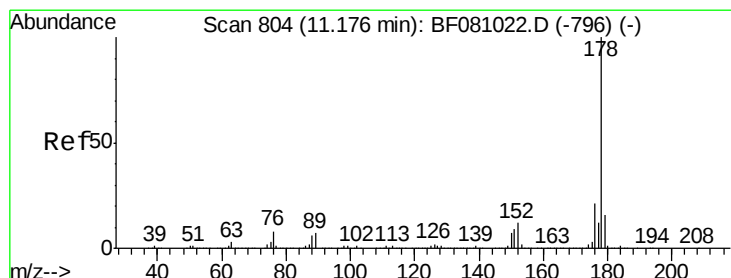
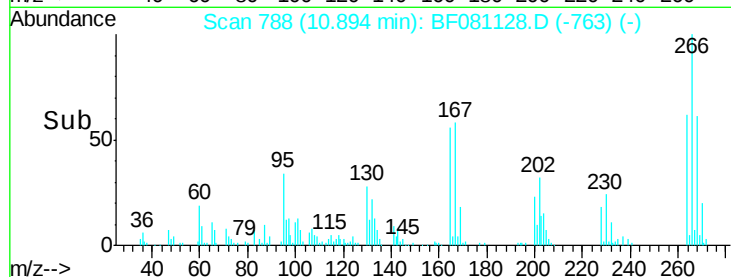
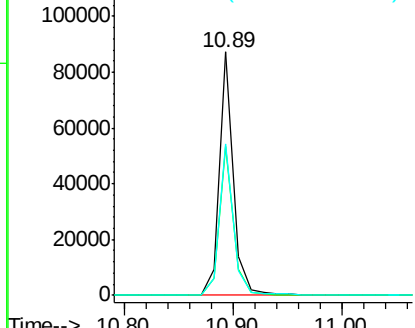
#69
 Pentachlorophenol
 Concen: 50.41 ng
 RT: 10.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion:266 Resp: 78833
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.2 76.8
 264 62.4 50.6 75.8

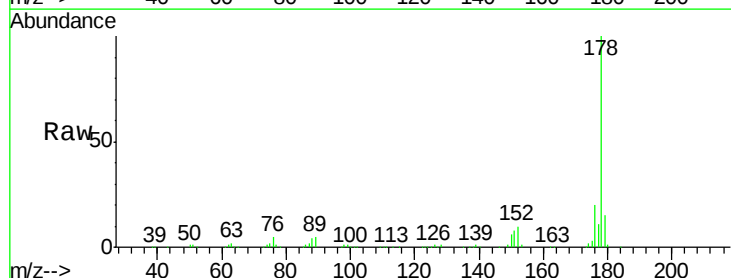


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

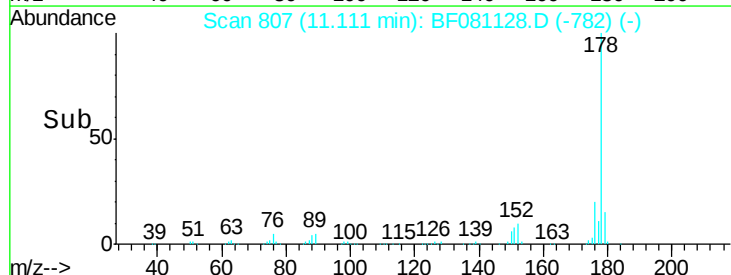
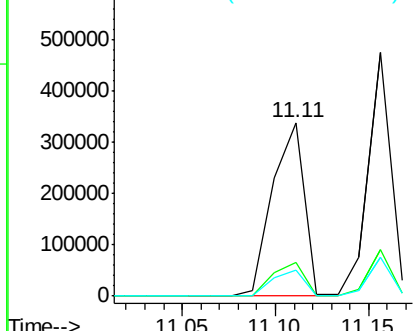


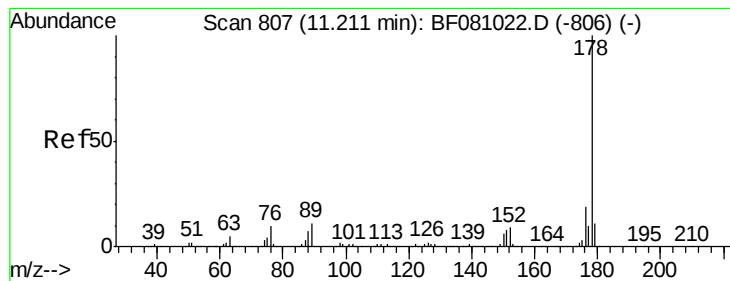
#70
 Phenanthrene
 Concen: 25.86 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion:178 Resp: 401406
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.1 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: 26.46 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

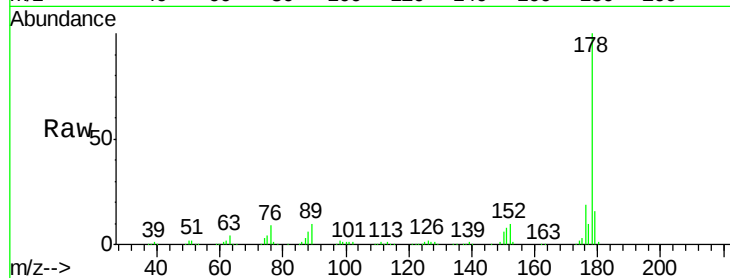
Tot Ion:178 Resp: 399702

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

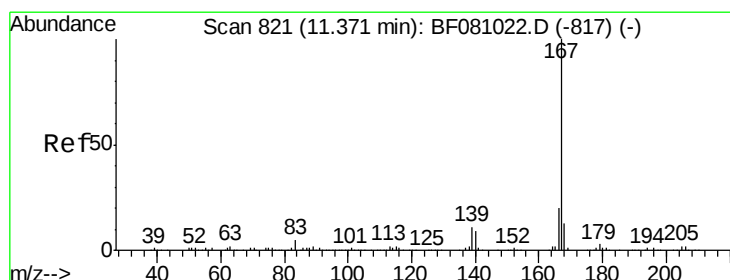
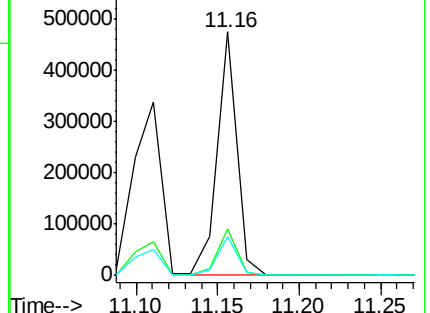
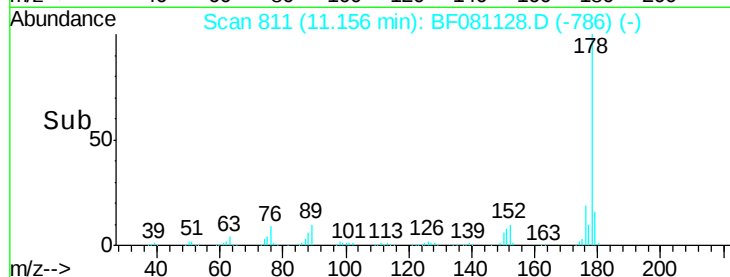
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 28.40 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

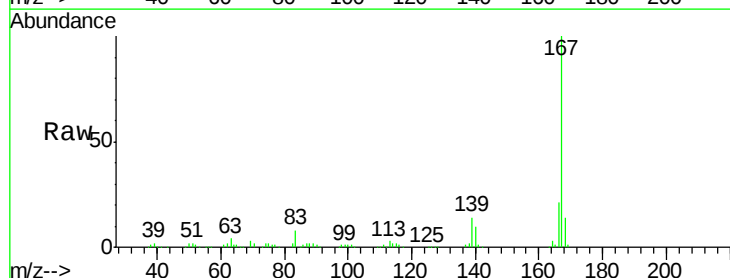
Tgt Ion:167 Resp: 413123

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

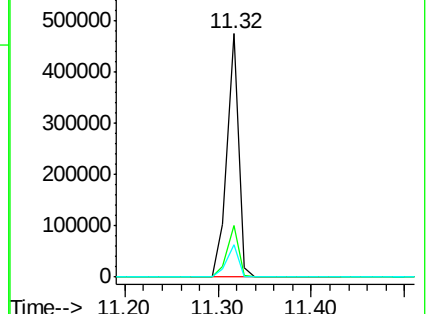
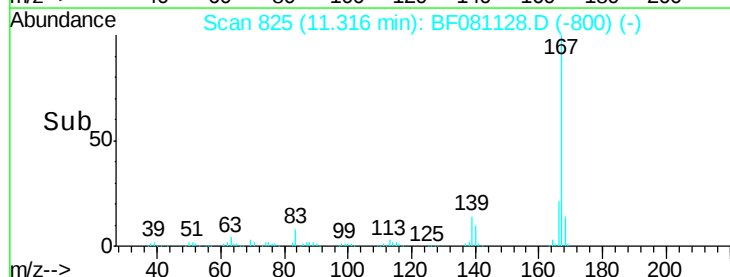
139 13.6 10.6 16.0

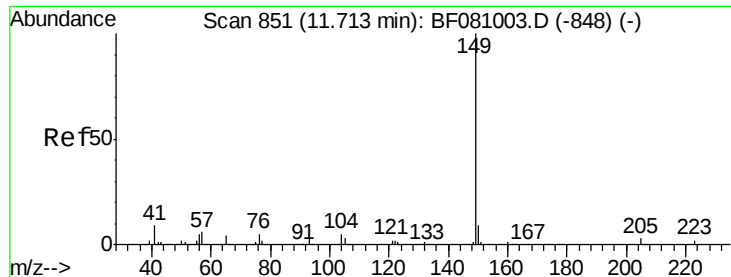


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 26.53 ng

RT: 11.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

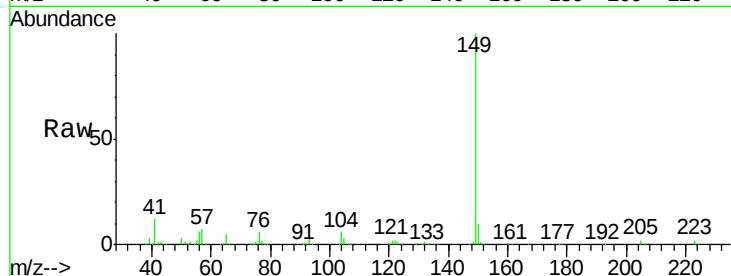
Tot Ion:149 Resp: 466998

Ion Ratio Lower Upper

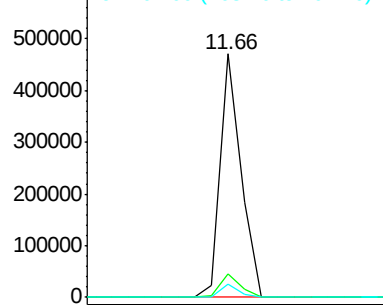
149 100

150 9.5 7.1 10.7

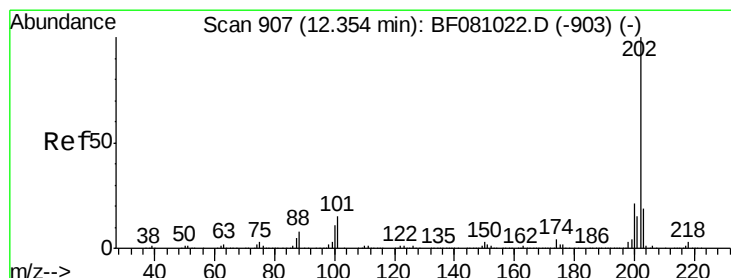
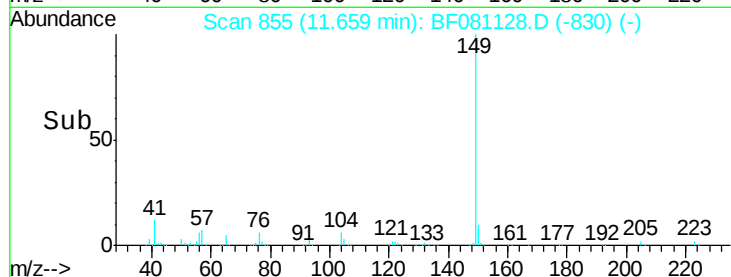
104 5.5 3.9 5.9



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



Time-->



#74

Fluoranthene

Concen: 26.06 ng

RT: 12.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

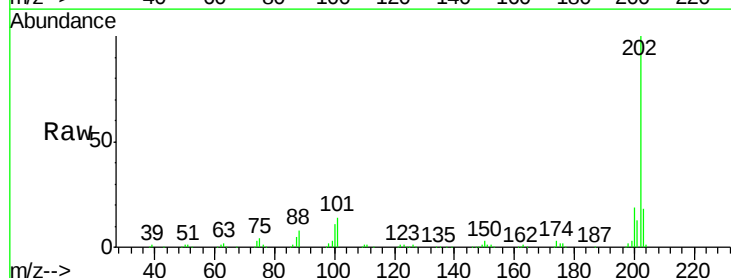
Tgt Ion:202 Resp: 436626

Ion Ratio Lower Upper

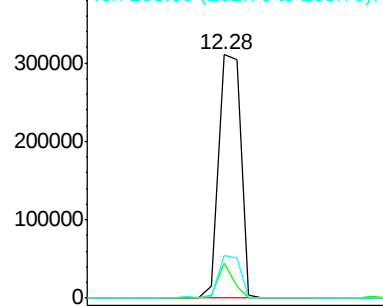
202 100

101 14.1 0.0 24.8

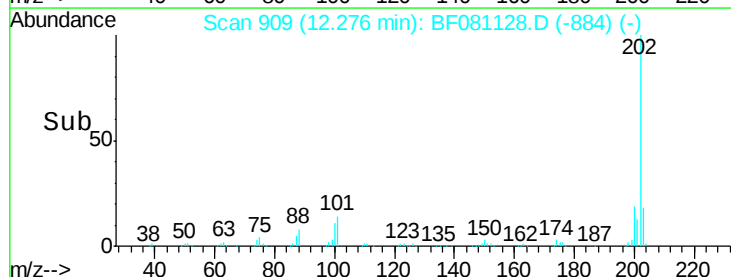
203 17.5 0.0 36.9

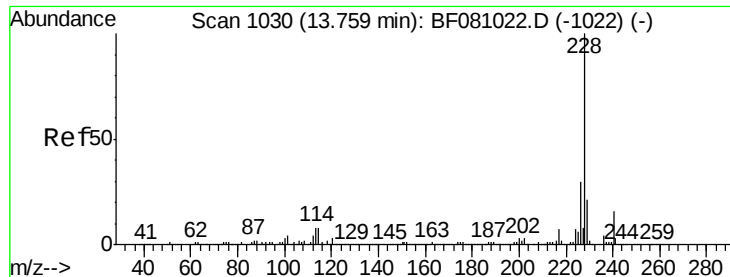


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

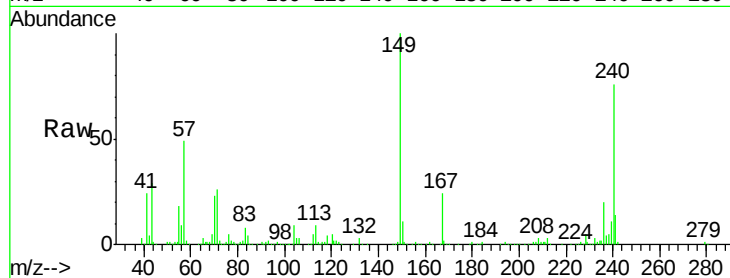
Tot Ion:240 Resp: 207624

Ion Ratio Lower Upper

240 100

120 6.0 5.6 8.4

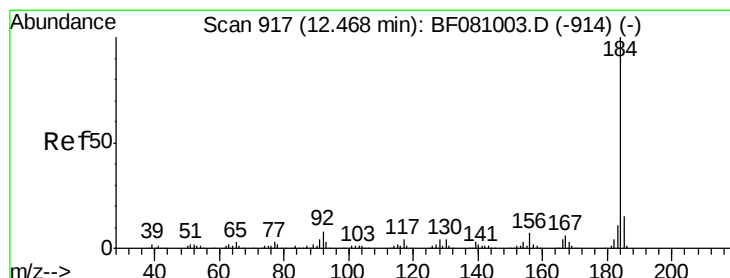
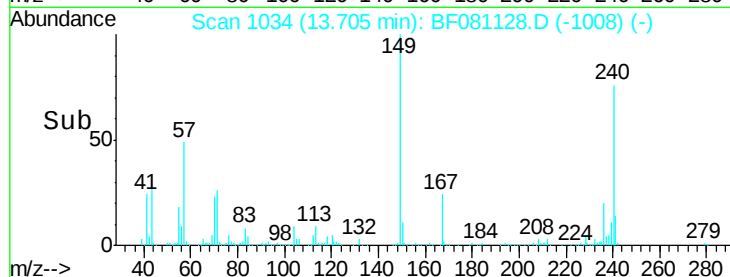
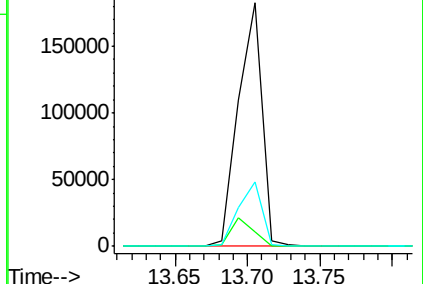
236 26.4 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.67 ng

RT: 12.41 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

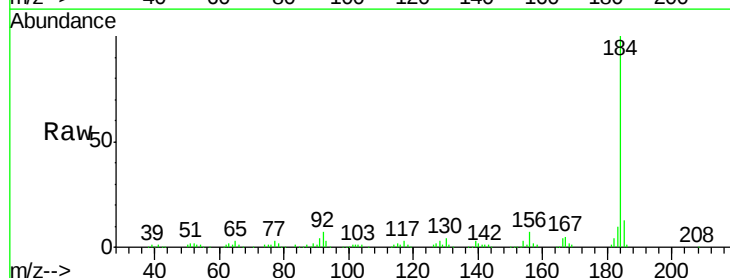
Tgt Ion:184 Resp: 177812

Ion Ratio Lower Upper

184 100

185 13.4 12.0 18.0

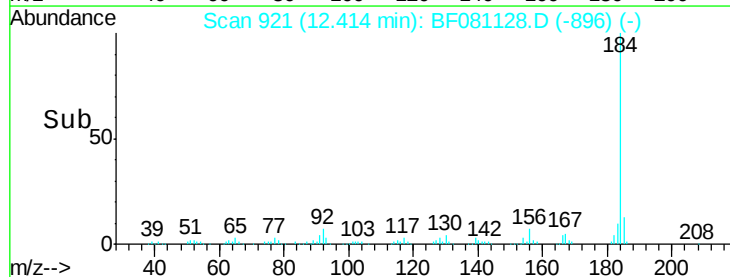
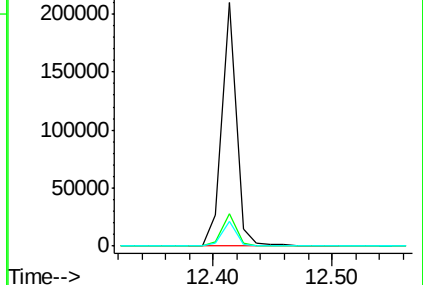
183 10.4 8.9 13.3

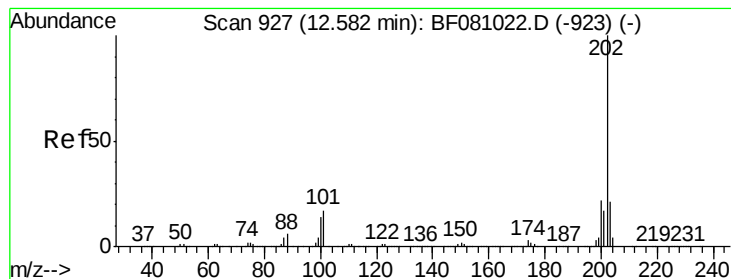


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 25.59 ng

RT: 12.51 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

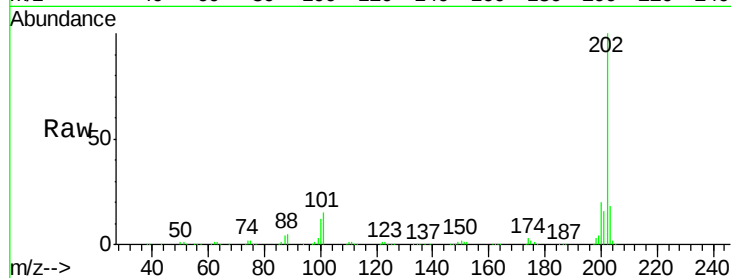
Tot Ion:202 Resp: 431846

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

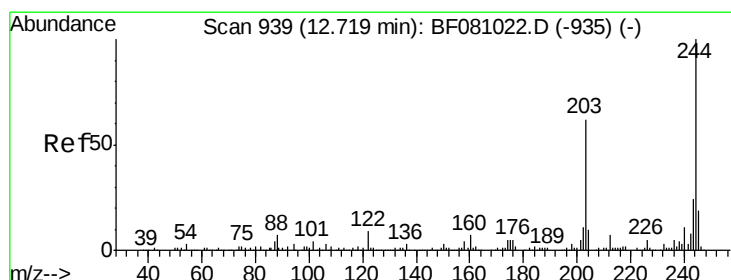
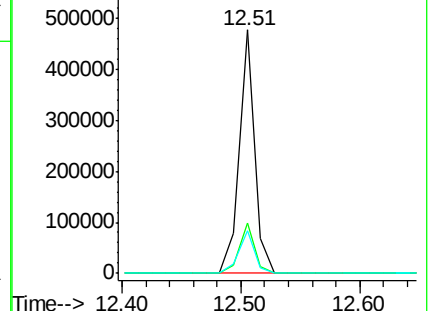
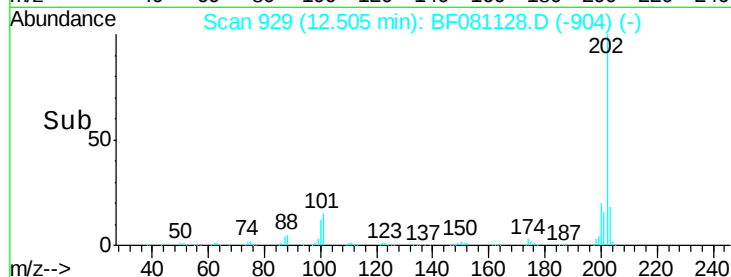
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 52.02 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

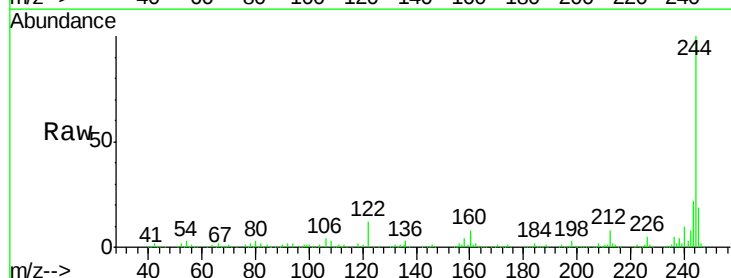
Tgt Ion:244 Resp: 503772

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

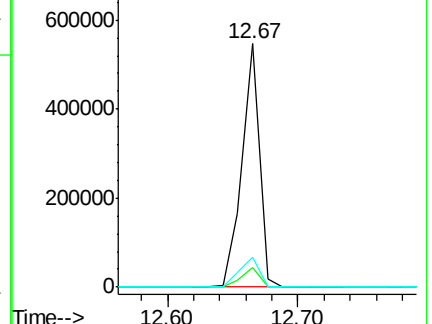
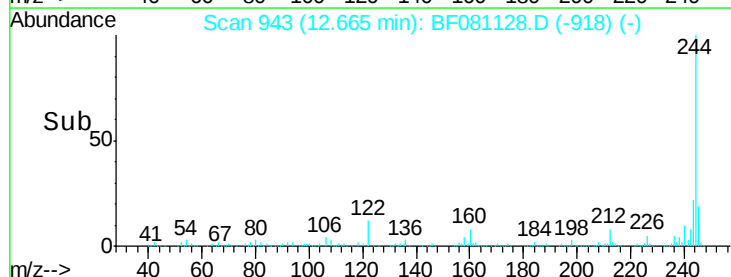
122 12.1 8.2 12.4

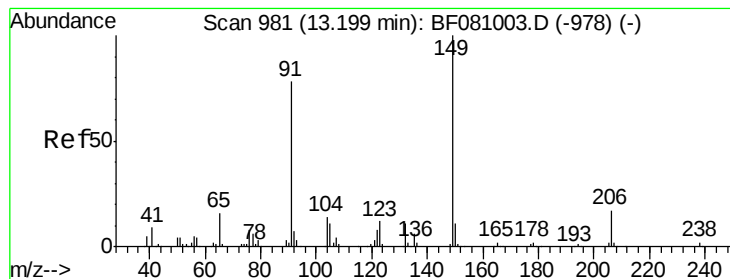


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 29.66 ng

RT: 13.15 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

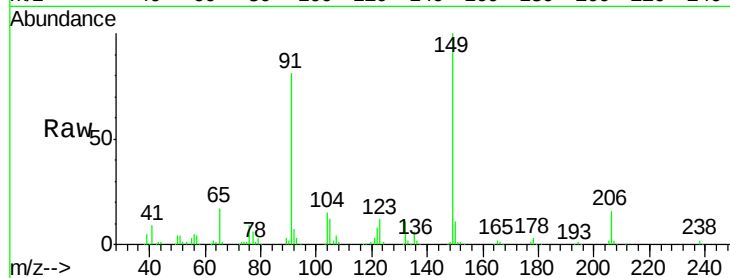
Tot Ion:149 Resp: 215172

Ion Ratio Lower Upper

149 100

91 80.5 46.9 70.3#

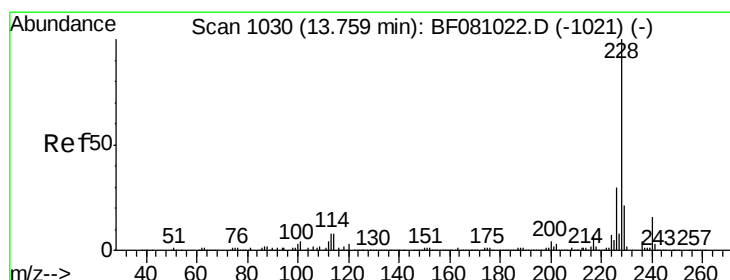
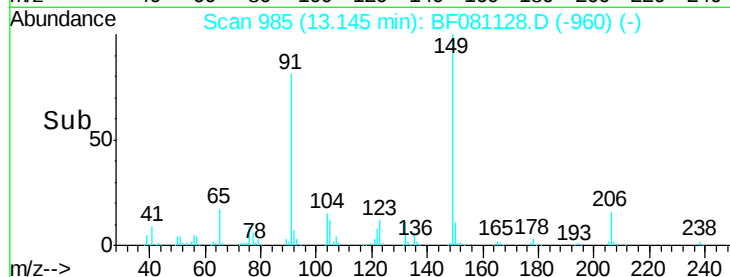
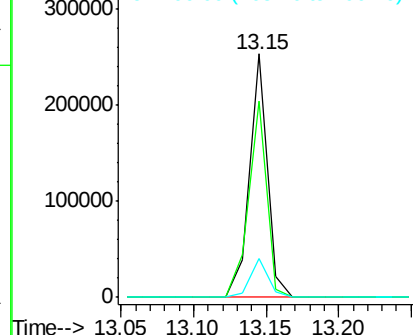
206 15.8 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 27.18 ng

RT: 13.69 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

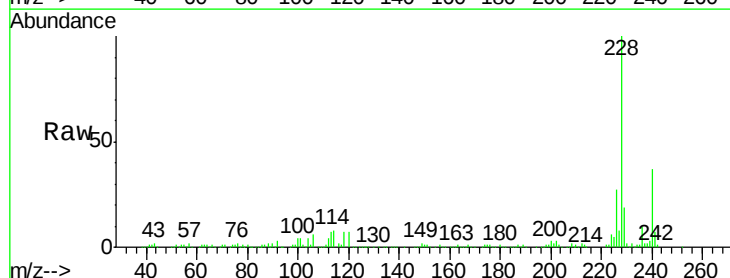
Tgt Ion:228 Resp: 378456

Ion Ratio Lower Upper

228 100

226 26.5 22.3 33.5

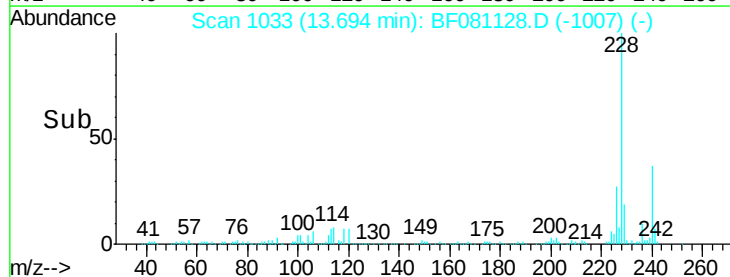
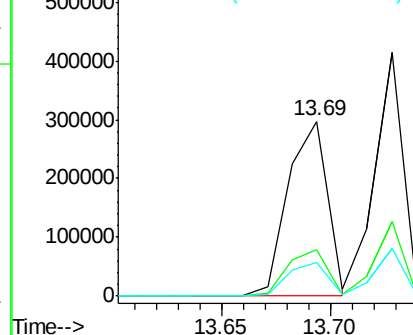
229 19.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

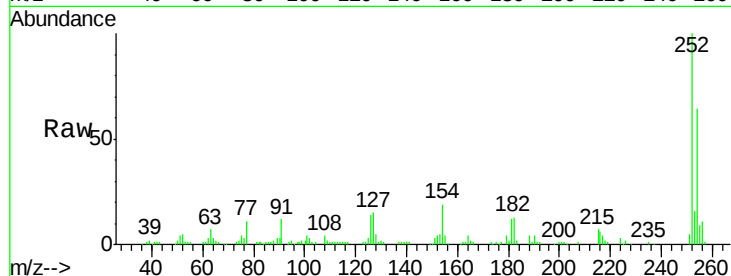




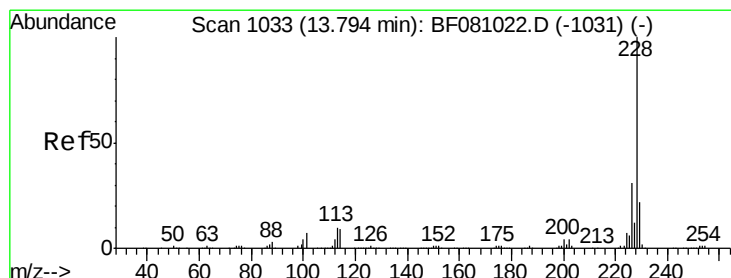
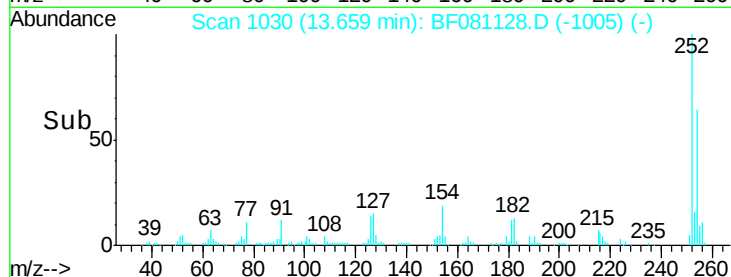
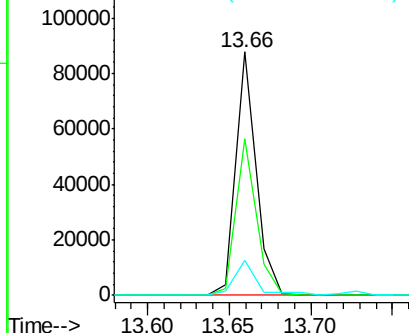
#81
 3,3'-Dichlorobenzidine
 Concen: 16.59 ng
 RT: 13.66 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.2	12.5	18.7

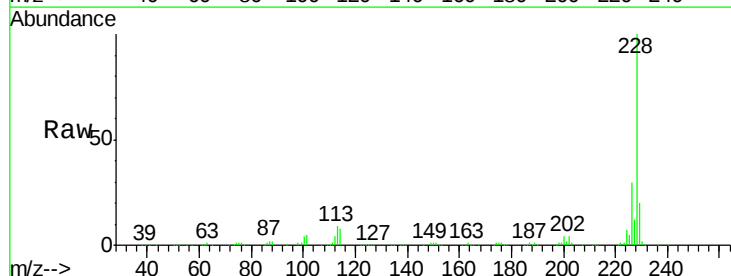


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

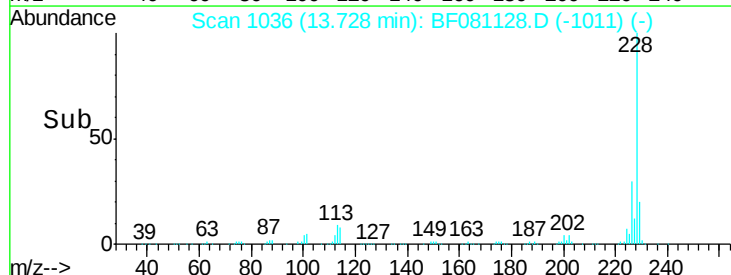
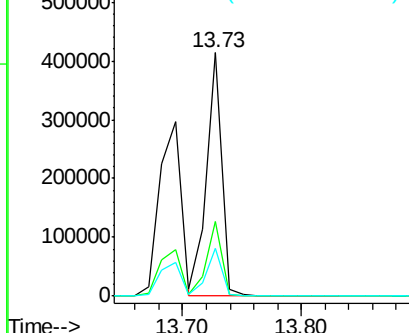


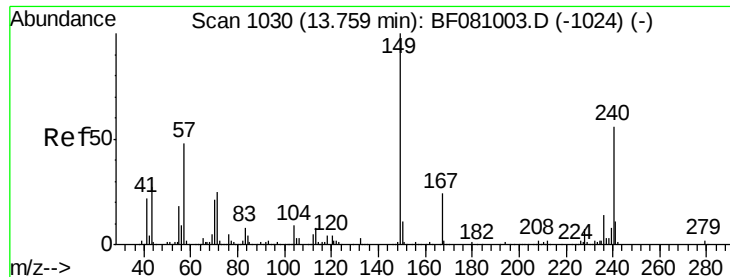
#82
 Chrysene
 Concen: 29.83 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.8	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.89 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

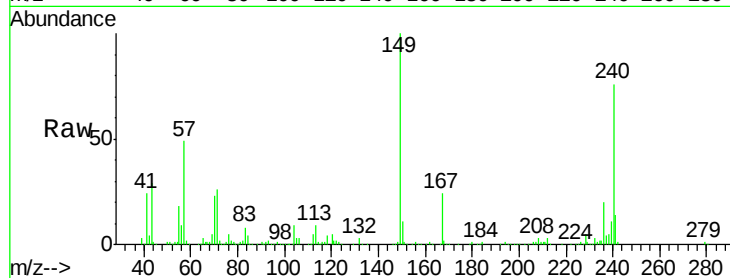
Tot Ion:149 Resp: 287067

Ion Ratio Lower Upper

149 100

167 23.6 20.7 31.1

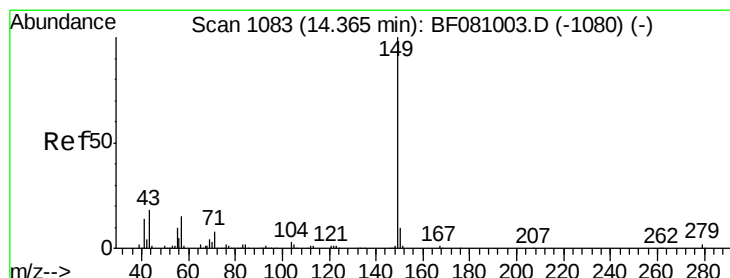
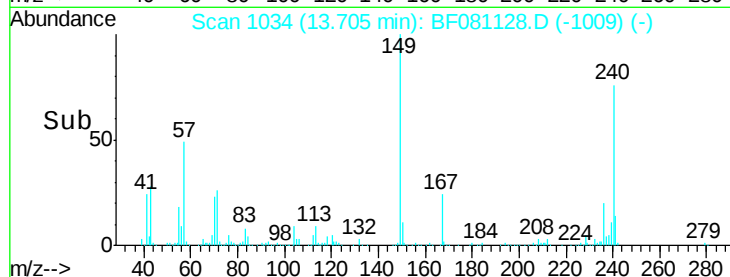
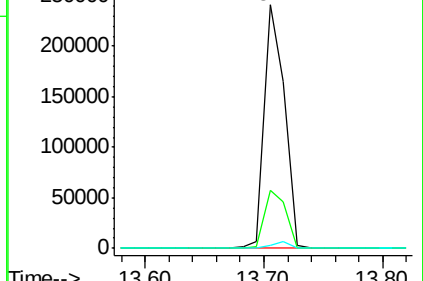
279 1.4 2.2 3.4#



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: 33.56 ng

RT: 14.32 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

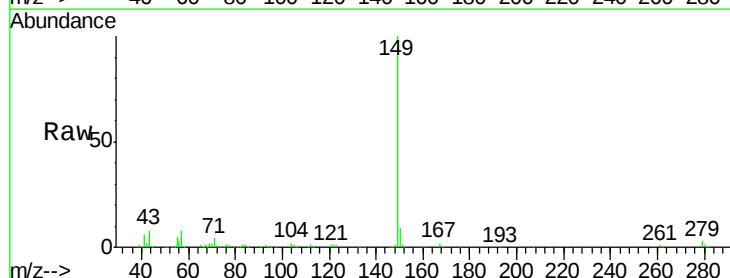
Tgt Ion:149 Resp: 474037

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

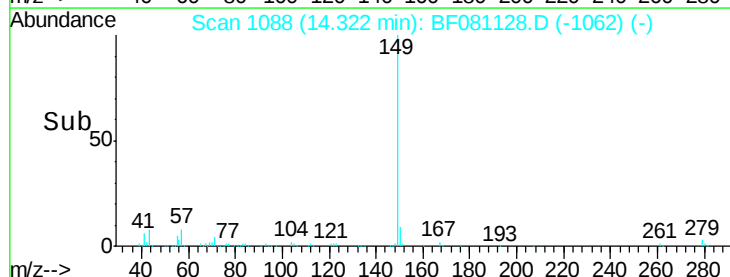
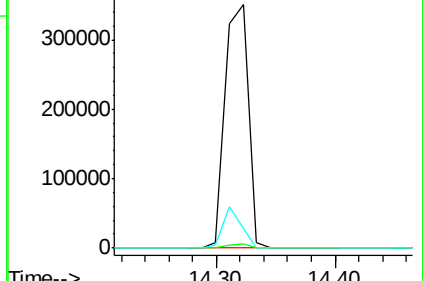
43 13.3 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

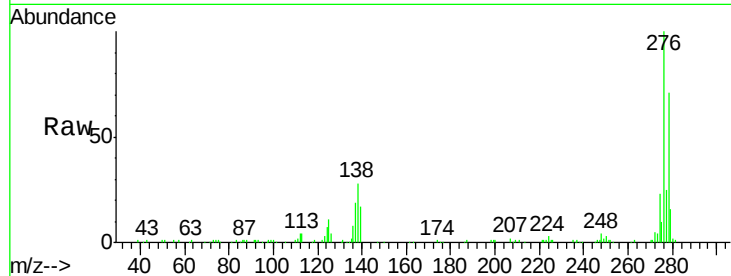




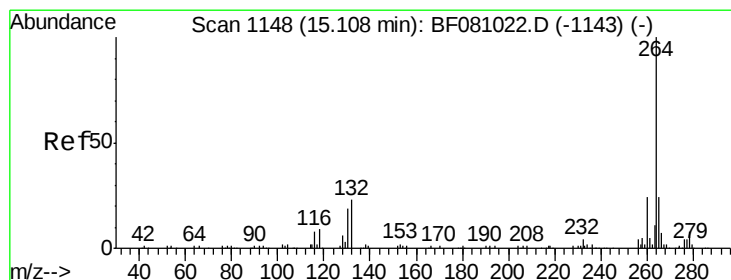
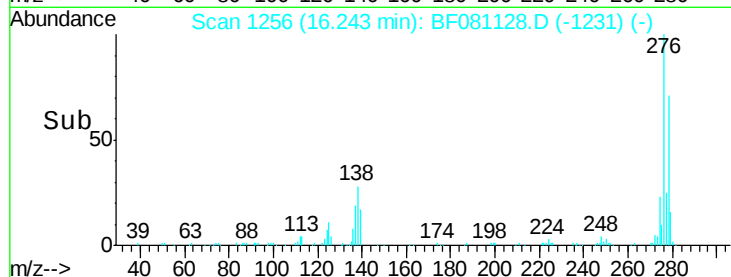
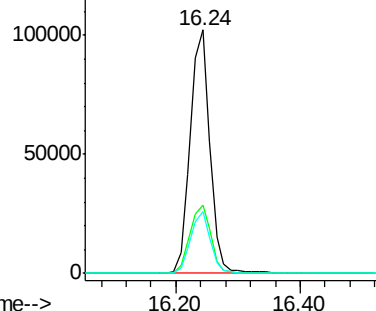
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.37 ng
 RT: 16.24 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	18.6	28.0#
277	25.0	19.8	29.8

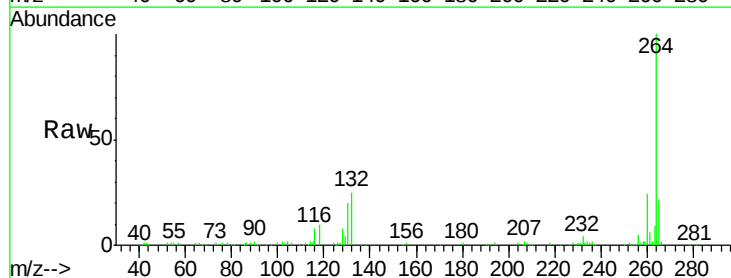


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

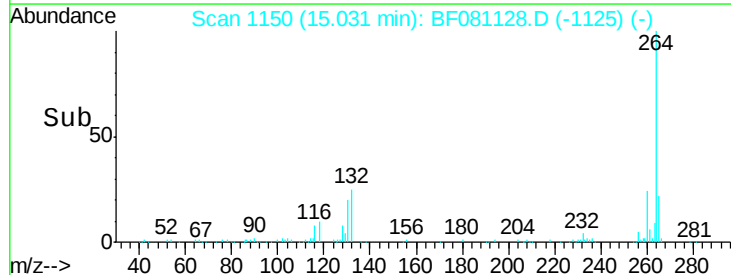
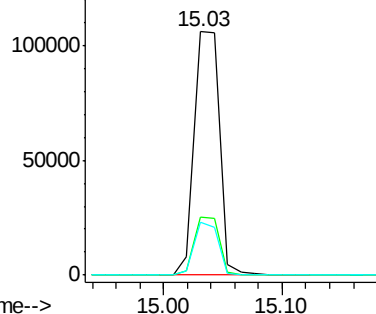


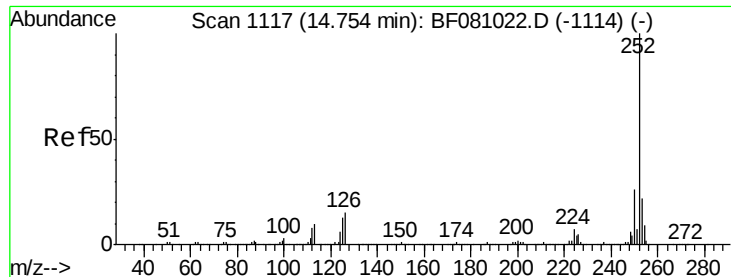
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.6	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.69 ng

RT: 14.71 min Scan# 1122

Delta R.T. 0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

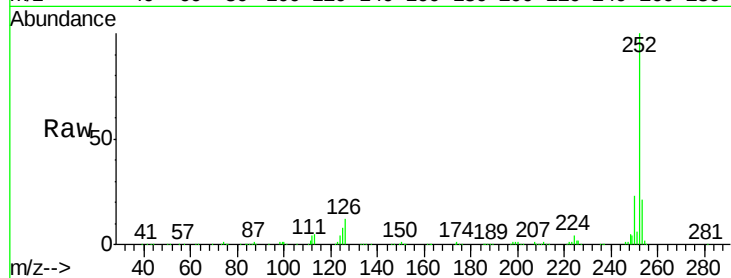
Tot Ion:252 Resp: 581790

Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

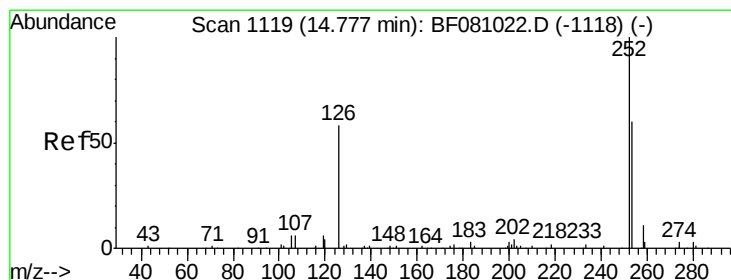
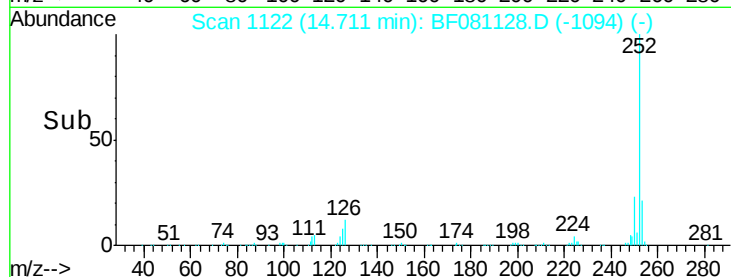
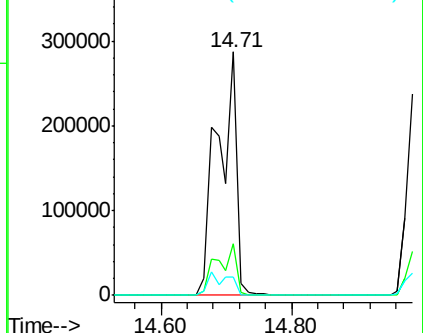
125 7.6 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 56.55 ng

RT: 14.71 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

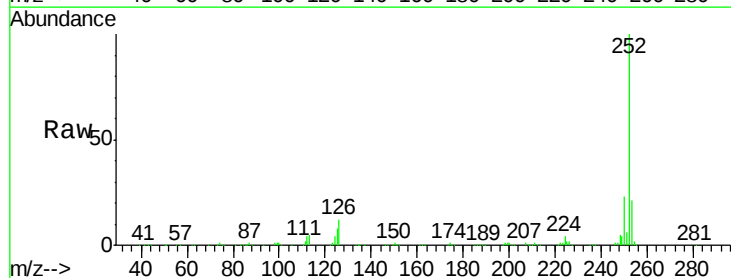
Tgt Ion:252 Resp: 581790

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

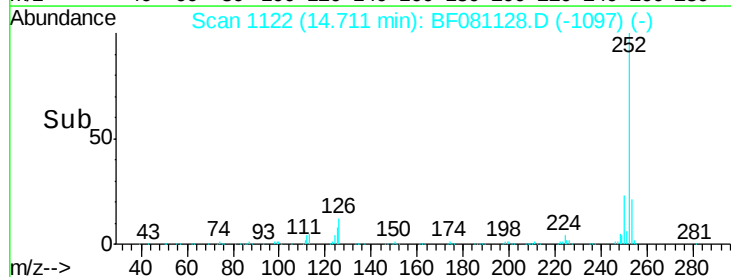
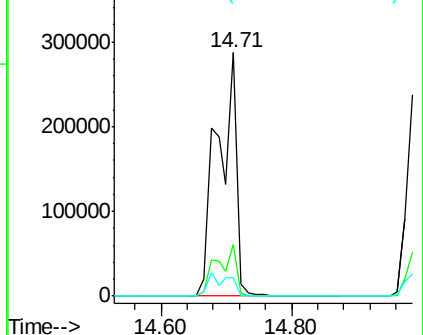
125 7.6 10.3 15.5#

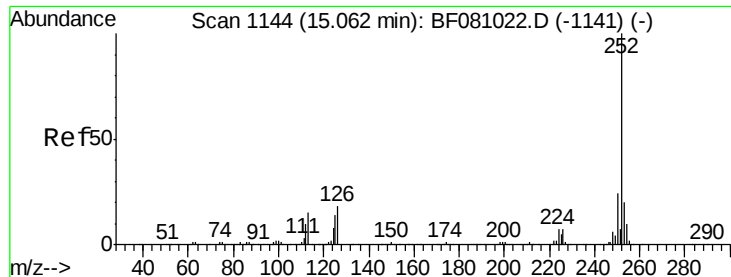


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

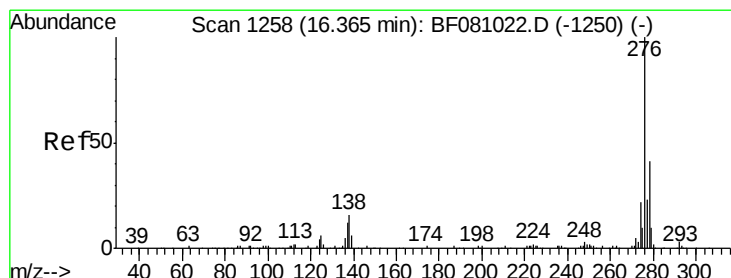
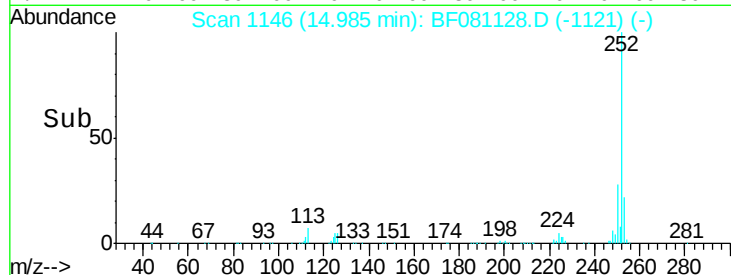
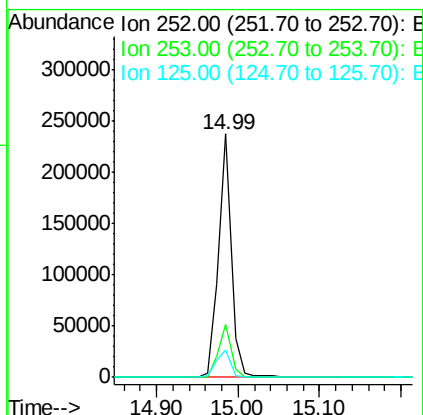
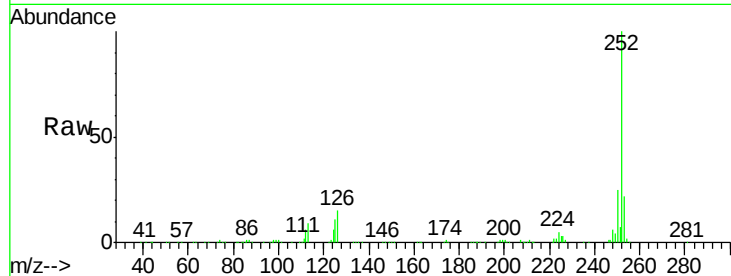




#89
Benzo(a)pyrene
Concen: 27.25 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

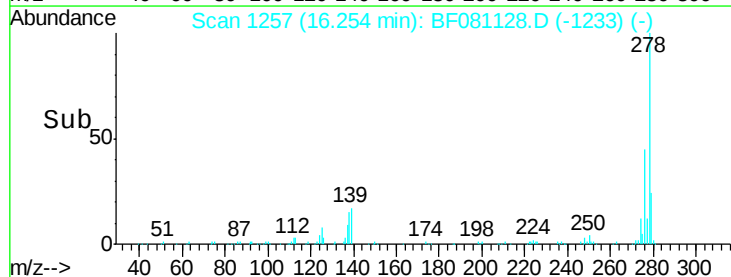
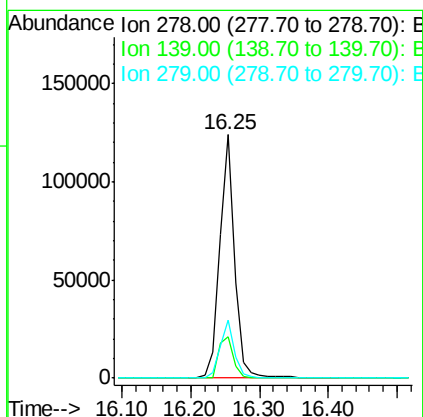
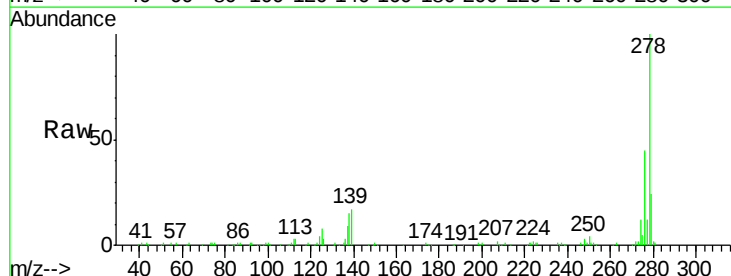
Instrument :
BNA_F
ClientSampleId :
PB85099BS

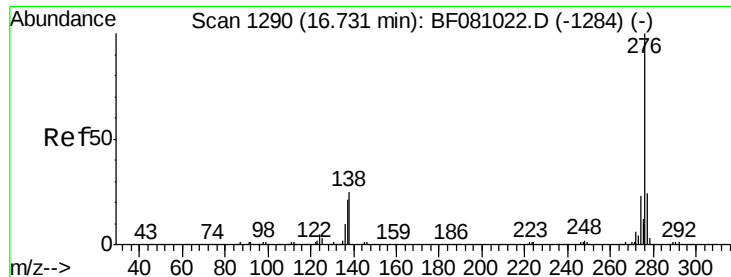
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.6	25.0
125	11.1	7.8	11.8



#90
Dibenzo(a,h)anthracene
Concen: 25.46 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	10.8	16.2#
279	24.1	19.0	28.6

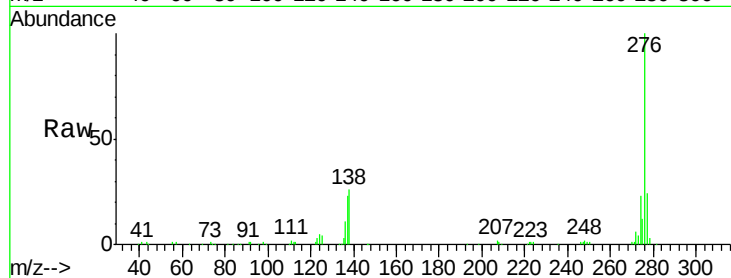




#91
 Benzo(a,h,i)perylene
 Concen: 24.67 ng
 RT: 16.60 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.2	27.2
138	25.9	13.7	20.5



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

