

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081856.D
 Acq On : 28 Sep 2015 21:47
 Operator : UM/IZ
 Sample : PB85768BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Quant Time: Sep 29 02:20:44 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	106243	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	413842	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	209133	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	395150	20.00	ng	0.00
75) Chrysene-d12	14.12	240	386232	20.00	ng	0.00
86) Perylene-d12	15.58	264	334410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	656603	112.19	ng	0.01
7) Phenol-d6	6.56	99	809874	109.97	ng	0.00
23) Nitrobenzene-d5	7.50	82	481380	77.54	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	243602	115.01	ng	0.01
44) 2-Fluorobiphenyl	9.30	172	1015304	80.38	ng	0.00
78) Terphenyl-d14	13.05	244	932693	75.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	80052	31.45	ng	88
3) Pyridine	3.37	79	224243	33.84	ng	85
4) n-Nitrosodimethylamine	3.33	42	102238	33.97	ng	94
6) Aniline	6.59	93	230006	23.25	ng	# 82
8) 2-Chlorophenol	6.72	128	237267	36.71	ng	98
9) Benzaldehyde	6.48	77	78808	16.34	ng	# 80
10) Phenol	6.57	94	313144	37.91	ng	70
11) bis(2-Chloroethyl)ether	6.66	93	240192	37.49	ng	96
12) 1,3-Dichlorobenzene	6.87	146	277818	36.39	ng	# 93
13) 1,4-Dichlorobenzene	6.95	146	290937	36.50	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	294006	41.39	ng	95
15) Benzyl Alcohol	7.07	79	202360	38.07	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.21	45	349005	38.53	ng	77
17) 2-Methylphenol	7.19	107	195275	37.27	ng	# 88
18) Hexachloroethane	7.44	117	92177	36.94	ng	# 87
19) n-Nitroso-di-n-propylamine	7.35	70	161527	36.09	ng	# 77
20) 3+4-Methylphenols	7.34	107	258508	39.06	ng	# 60
22) Acetophenone	7.35	105	333353	39.40	ng	# 84
24) Nitrobenzene	7.52	77	254397	37.74	ng	# 75
25) Isophorone	7.75	82	452516	36.78	ng	# 87
26) 2-Nitrophenol	7.84	139	123488	38.16	ng	# 79
27) 2,4-Dimethylphenol	7.87	122	226606	39.81	ng	# 84
28) bis(2-Chloroethoxy)methane	7.97	93	276998	37.91	ng	# 92
29) 2,4-Dichlorophenol	8.08	162	223471	40.49	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	231986	37.64	ng	98
31) Naphthalene	8.24	128	696748	38.00	ng	97
32) Benzoic acid	7.99	122	106724	33.89	ng	# 68
33) 4-Chloroaniline	8.30	127	122444	15.44	ng	# 93
34) Hexachlorobutadiene	8.35	225	138872	38.10	ng	99
35) Caprolactam	8.65	113	63682	41.67	ng	# 75
36) 4-Chloro-3-methylphenol	8.78	107	226588	41.98	ng	89
37) 2-Methylnaphthalene	8.94	142	493510	39.43	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	234564	36.53	ng	99
40) Hexachlorocyclopentadiene	9.09	237	279386	84.50	ng	96

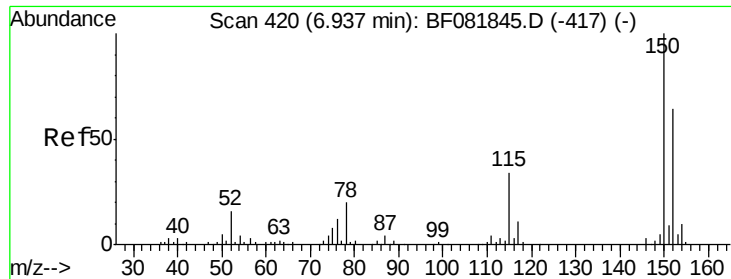
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	161144	36.61	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	177822	39.29	ng #	96
45) 1,1'-Biphenyl	9.41	154	592028	36.69	ng	95
46) 2-Chloronaphthalene	9.43	162	478196	37.75	ng	99
47) 2-Nitroaniline	9.52	65	137627	37.01	ng #	66
48) Acenaphthylene	9.84	152	752888	37.13	ng	96
49) Dimethylphthalate	9.70	163	568136	39.36	ng #	97
50) 2,6-Dinitrotoluene	9.76	165	117069	37.35	ng #	51
51) Acenaphthene	10.01	154	487877	40.52	ng	89
52) 3-Nitroaniline	9.93	138	81208	22.40	ng #	55
53) 2,4-Dinitrophenol	10.05	184	98225	70.29	ng #	79
54) Dibenzofuran	10.18	168	643364	37.81	ng #	88
55) 4-Nitrophenol	10.09	139	192692	73.55	ng #	43
56) 2,4-Dinitrotoluene	10.17	165	169860	42.51	ng #	92
57) Fluorene	10.53	166	489380	39.97	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.30	232	146020	40.67	ng	95
59) Diethylphthalate	10.40	149	544422	40.38	ng	99
60) 4-Chlorophenyl-phenylether	10.51	204	231901	37.22	ng #	80
61) 4-Nitroaniline	10.55	138	127748	35.14	ng #	46
62) Azobenzene	10.67	77	527487	40.08	ng	88
64) 4,6-Dinitro-2-methylphenol	10.57	198	73618	42.27	ng	92
65) n-Nitrosodiphenylamine	10.64	169	457603	38.28	ng	92
66) 4-Bromophenyl-phenylether	11.01	248	154414	38.76	ng #	83
67) Hexachlorobenzene	11.07	284	181024	40.26	ng #	80
68) Atrazine	11.17	200	153227	41.31	ng	82
69) Pentachlorophenol	11.27	266	202409	79.00	ng	97
70) Phenanthrene	11.49	178	774314	40.55	ng	96
71) Anthracene	11.54	178	818630	40.76	ng	98
72) Carbazole	11.70	167	732676	40.31	ng	96
73) Di-n-butylphthalate	12.02	149	784044	42.27	ng #	97
74) Fluoranthene	12.68	202	820891	38.78	ng	93
76) Benzidine	12.81	184	249576	21.45	ng	98
77) Pyrene	12.92	202	883310	38.28	ng	96
79) Butylbenzylphthalate	13.53	149	345205	39.76	ng #	94
80) Benzo(a)anthracene	14.10	228	771234	37.08	ng	96
81) 3,3'-Dichlorobenzidine	14.07	252	152651	21.73	ng #	93
82) Chrysene	14.10	228	771234	40.39	ng	97
83) Bis(2-ethylhexyl)phthalate	14.08	149	445271	40.88	ng #	90
84) Di-n-octyl phthalate	14.70	149	730682	41.23	ng #	93
85) Indeno(1,2,3-cd)pyrene	17.05	276	630064	38.73	ng #	86
87) Benzo(b)fluoranthene	15.16	252	756978	39.65	ng #	85
88) Benzo(k)fluoranthene	15.16	252	756978	43.26	ng #	86
89) Benzo(a)pyrene	15.52	252	661856	39.96	ng #	85
90) Dibenzo(a,h)anthracene	17.06	278	520501	37.46	ng #	81
91) Benzo(g,h,i)perylene	17.49	276	527790	37.06	ng #	76

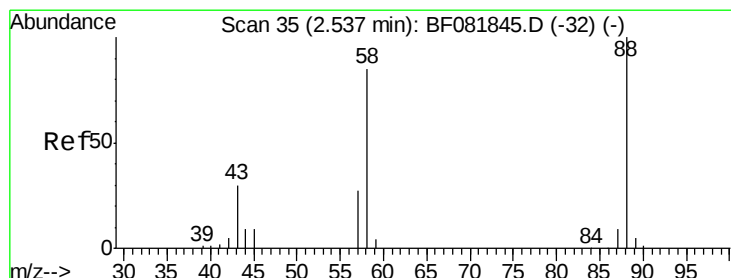
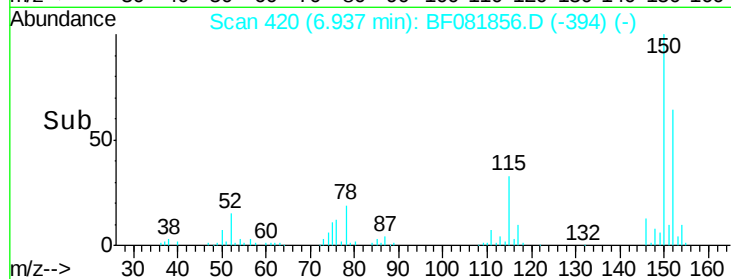
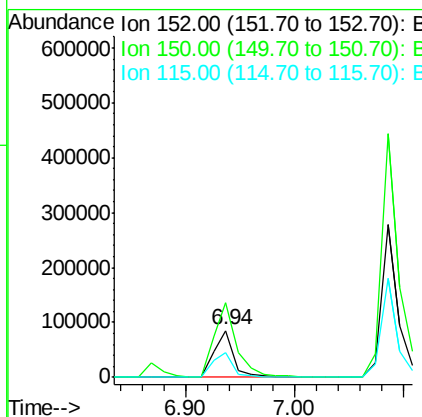
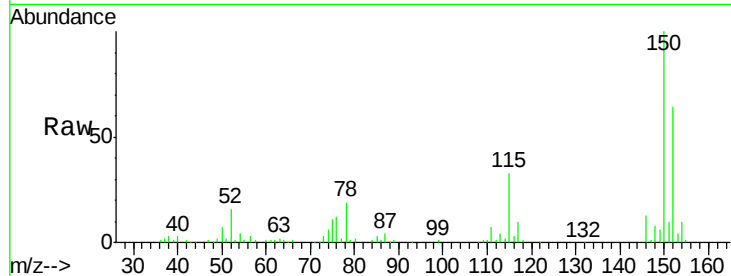
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

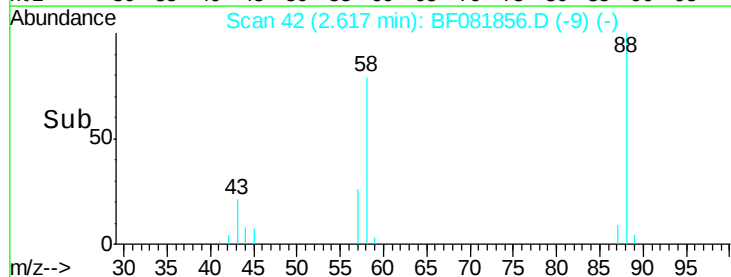
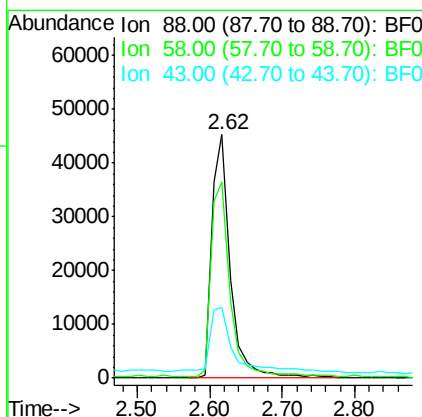
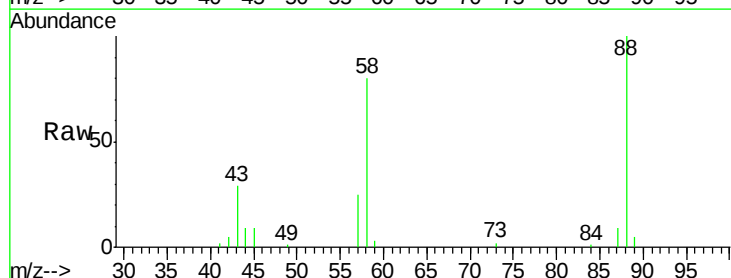
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

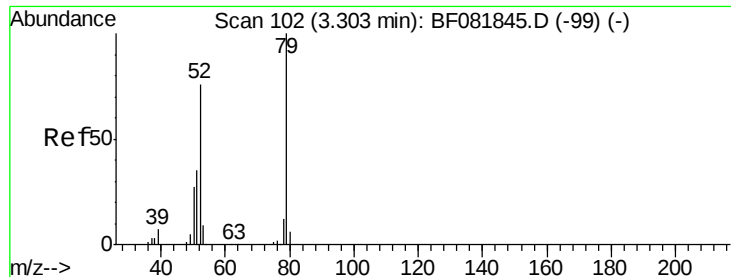
Tgt Ion:152 Resp: 106243
 Ion Ratio Lower Upper
 152 100
 150 157.3 124.7 187.1
 115 51.9 39.0 58.4



#2
 1,4-Dioxane
 Concen: 31.45 ng
 RT: 2.62 min Scan# 42
 Delta R.T. 0.08 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion: 88 Resp: 80052
 Ion Ratio Lower Upper
 88 100
 58 81.0 77.7 116.5
 43 33.4 26.6 40.0





#3

Pyridine

Concen: 33.84 ng

RT: 3.37 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

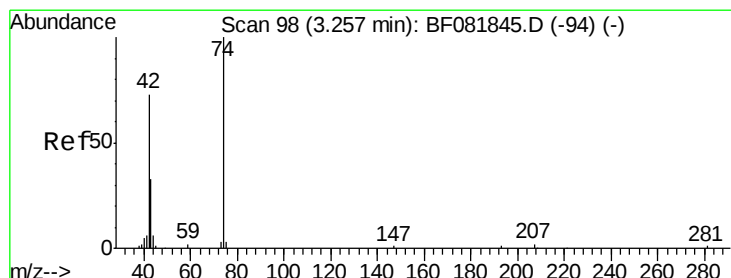
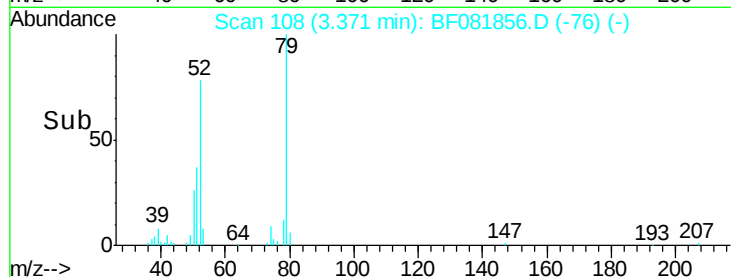
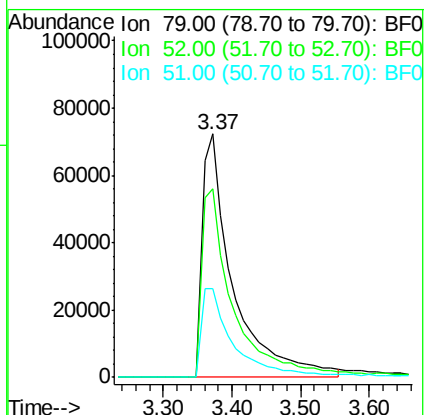
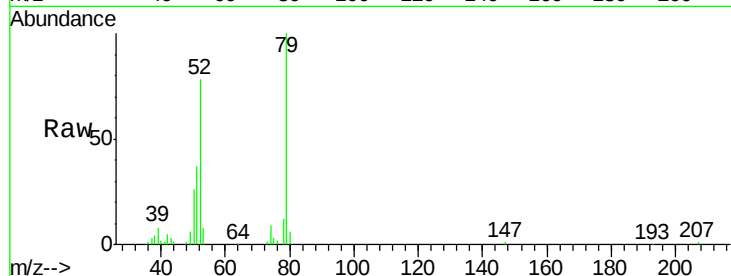
Tgt Ion: 79 Resp: 224243

Ion Ratio Lower Upper

79 100

52 77.7 76.8 115.2

51 36.5 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 33.97 ng

RT: 3.33 min Scan# 104

Delta R.T. 0.07 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

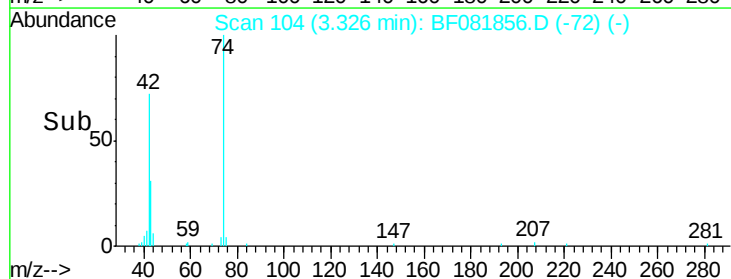
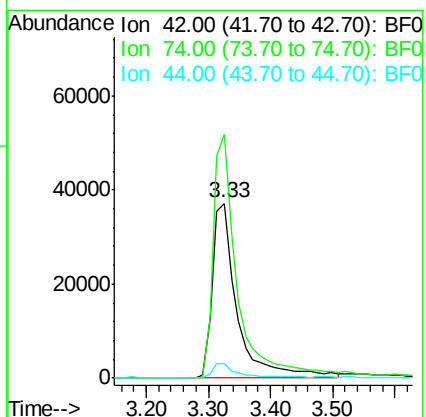
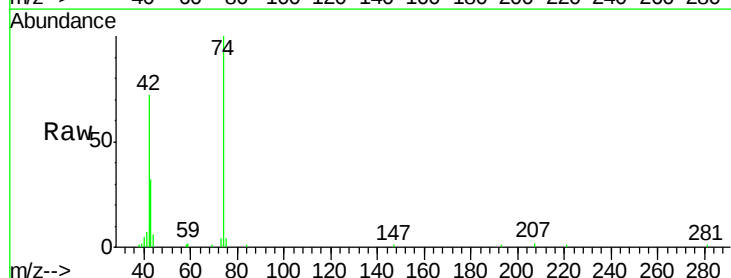
Tgt Ion: 42 Resp: 102238

Ion Ratio Lower Upper

42 100

74 139.2 105.0 157.6

44 8.0 6.6 10.0





#5

2-Fluorophenol

Concen: 112.19 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

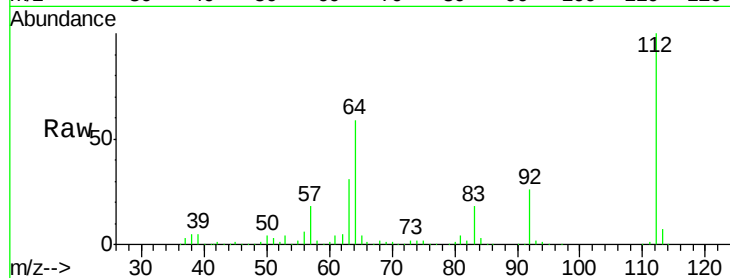
Tgt Ion: 112 Resp: 656603

Ion Ratio Lower Upper

112 100

64 58.7 39.7 59.5

63 30.6 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.53

600000

500000

400000

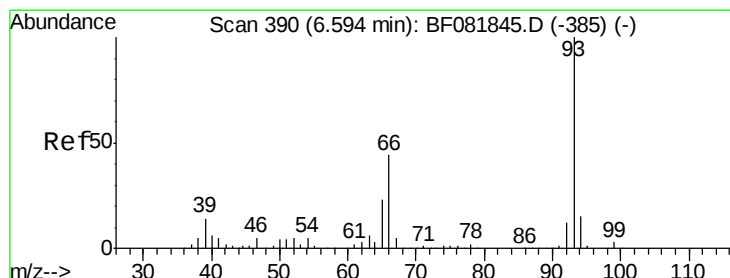
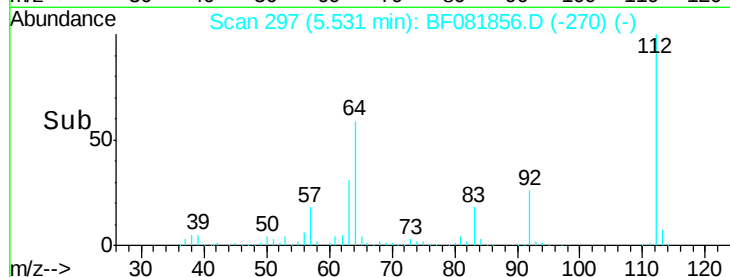
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 23.25 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

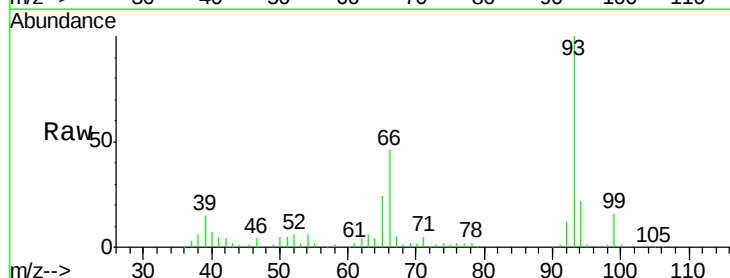
Tgt Ion: 93 Resp: 230006

Ion Ratio Lower Upper

93 100

66 45.8 27.2 40.8#

65 23.7 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

200000

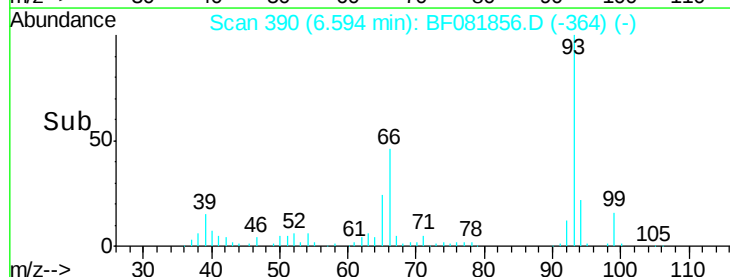
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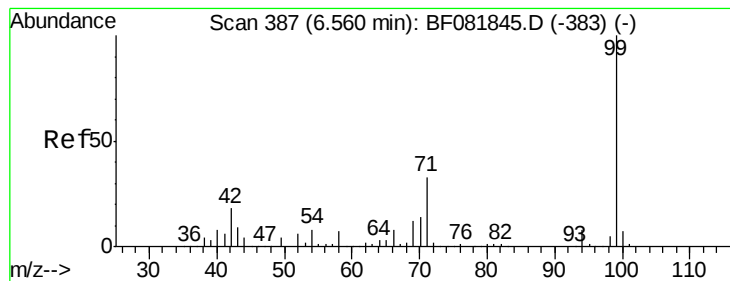
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 109.97 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

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ClientSampleId :

PB85768BS

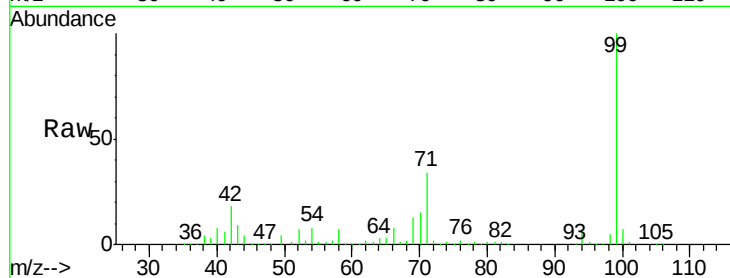
Tgt Ion: 99 Resp: 809874

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

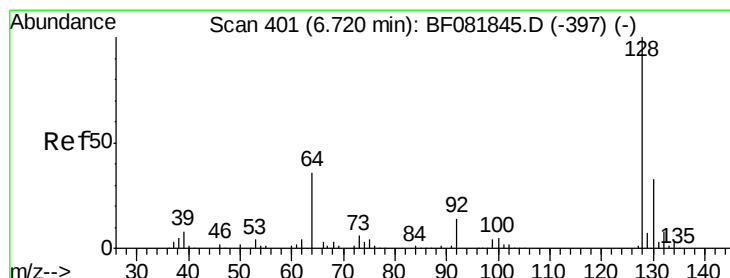
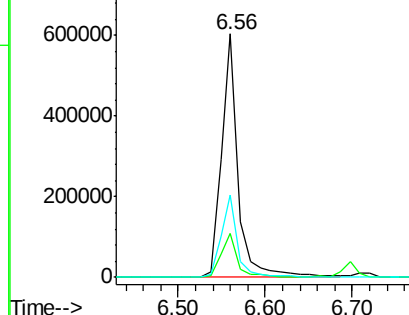
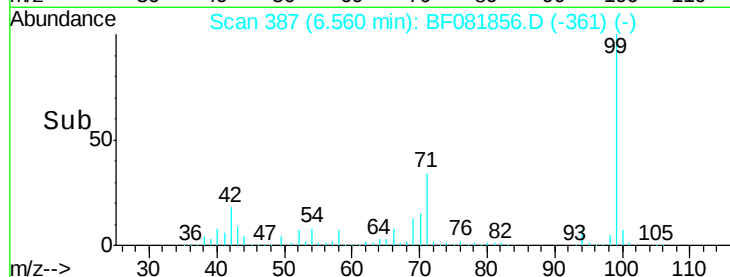
71 34.0 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.71 ng

RT: 6.72 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

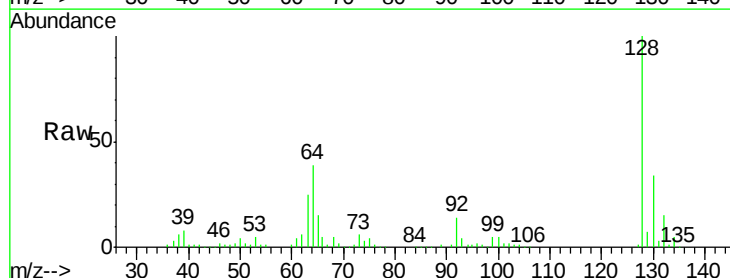
Tgt Ion: 128 Resp: 237267

Ion Ratio Lower Upper

128 100

130 33.8 12.2 52.2

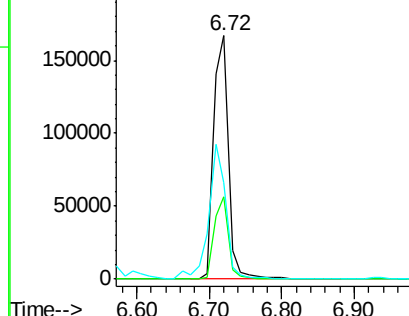
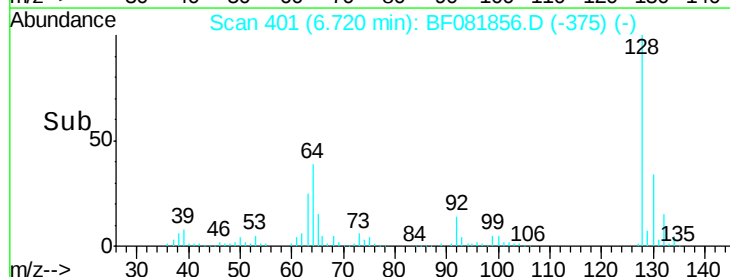
64 39.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.34 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

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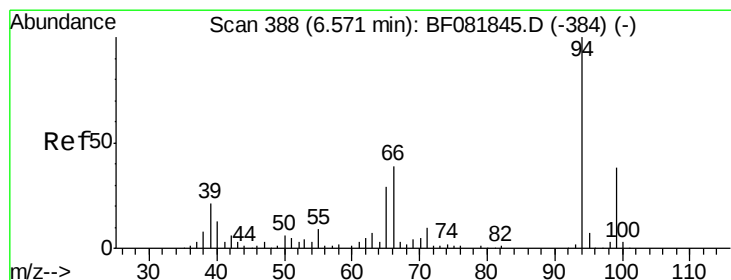
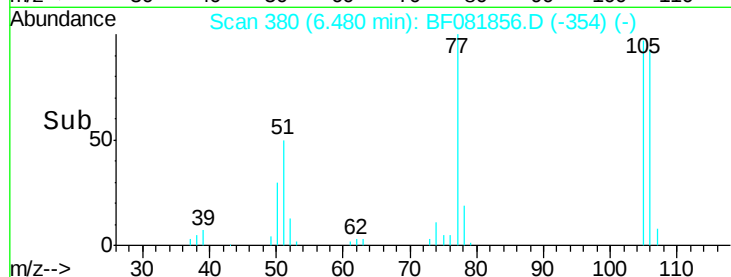
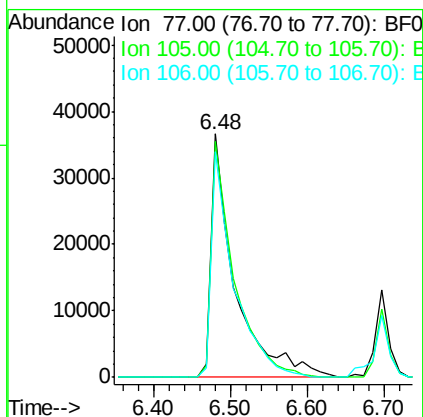
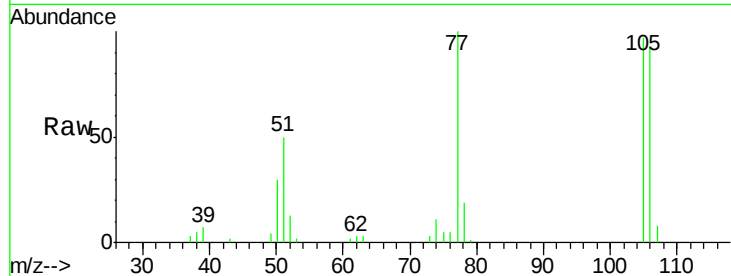
Tgt Ion: 77 Resp: 78808

Ion Ratio Lower Upper

77 100

105 97.2 91.6 131.6

106 92.9 102.6 142.6#



#10

Phenol

Concen: 37.91 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

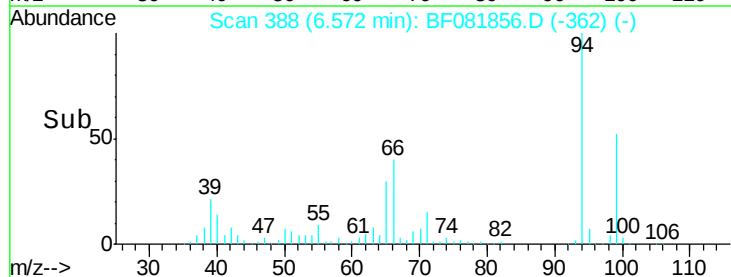
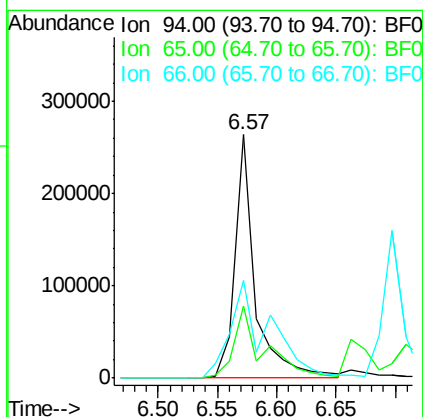
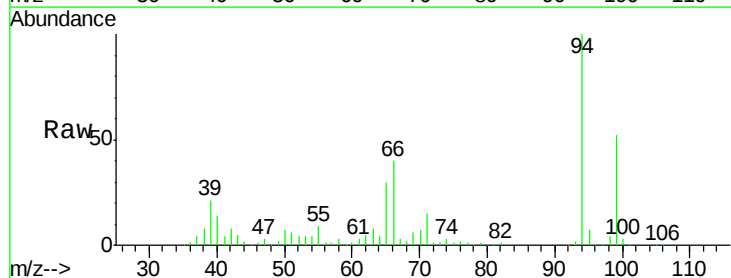
Tgt Ion: 94 Resp: 313144

Ion Ratio Lower Upper

94 100

65 29.5 0.7 40.7

66 40.3 0.8 40.8

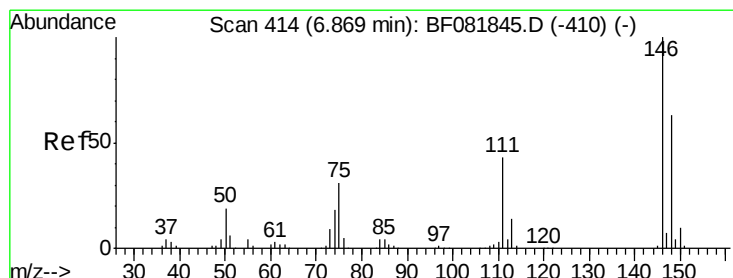
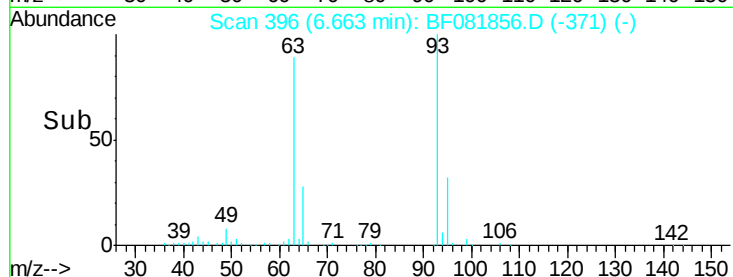
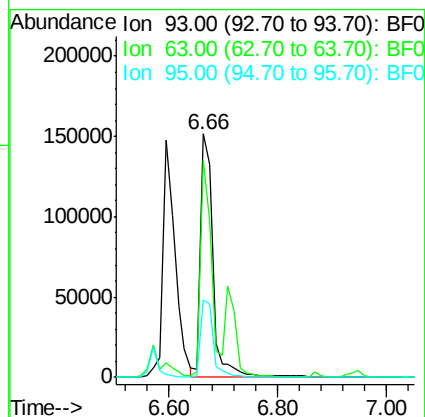
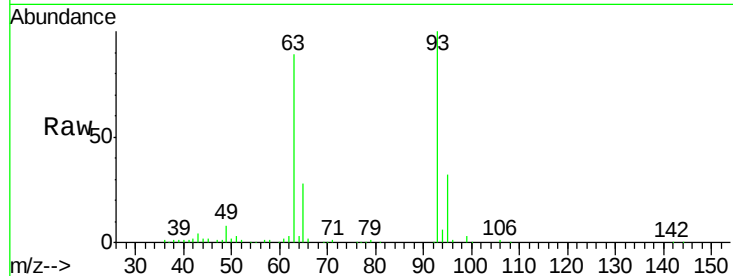




#11
 bis(2-Chloroethyl)ether
 Concen: 37.49 ng
 RT: 6.66 min Scan# 396
 Delta R.T. -0.01 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

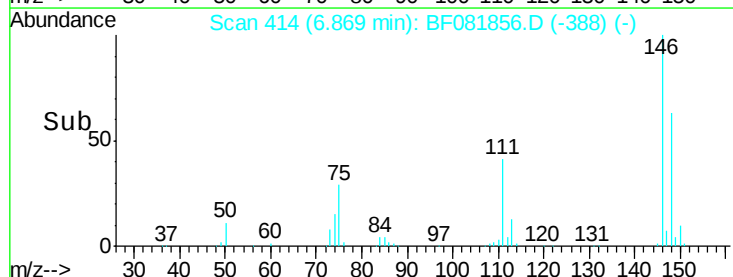
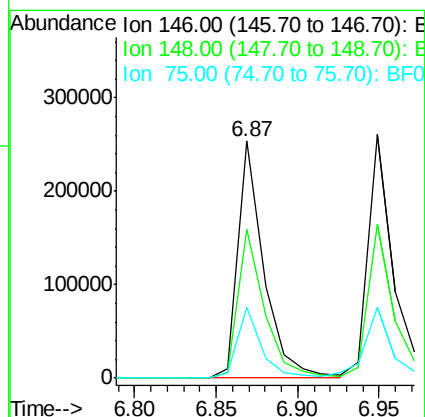
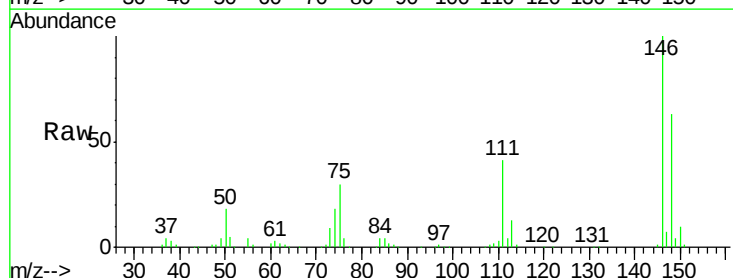
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

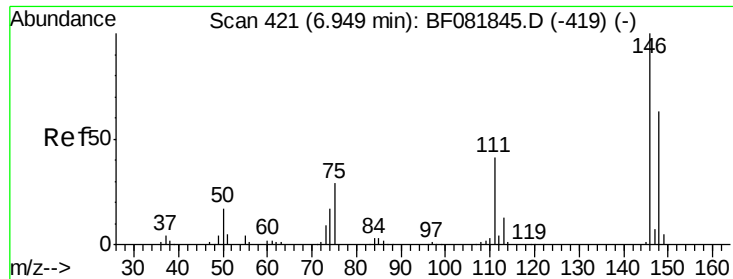
Tgt Ion: 93 Resp: 240192
 Ion Ratio Lower Upper
 93 100
 63 89.0 65.6 105.6
 95 31.9 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 36.39 ng
 RT: 6.87 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion: 146 Resp: 277818
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.0 76.4
 75 30.2 15.0 22.6#

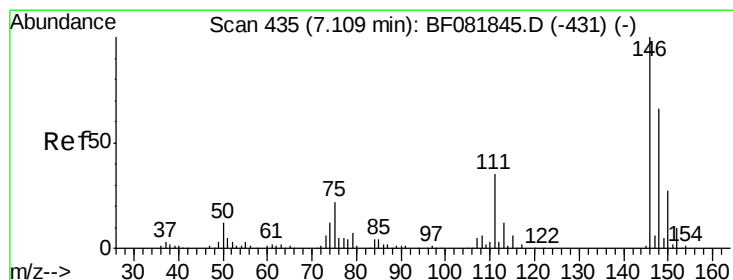
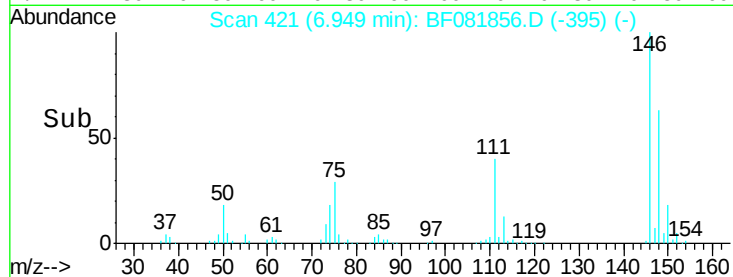
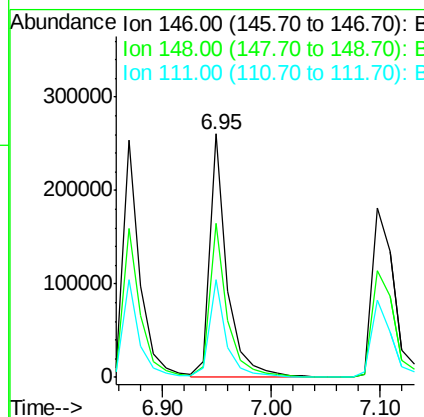
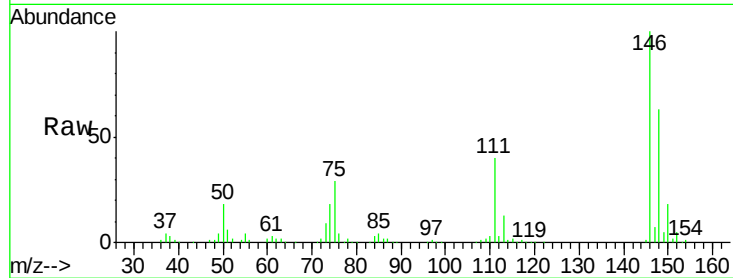




#13
 1,4-Dichlorobenzene
 Concen: 36.50 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

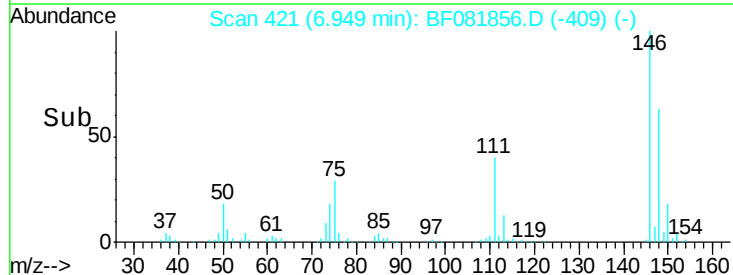
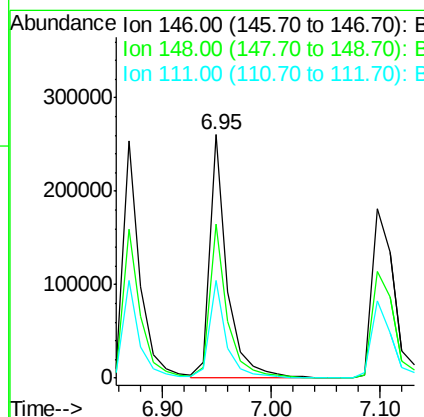
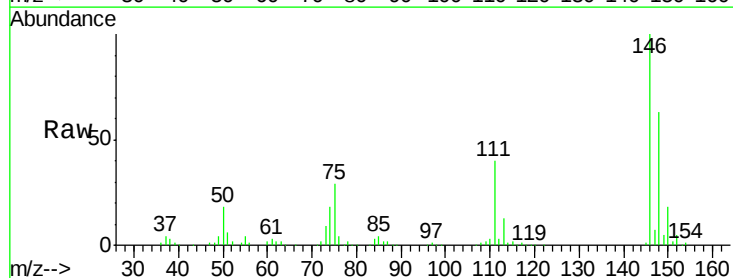
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

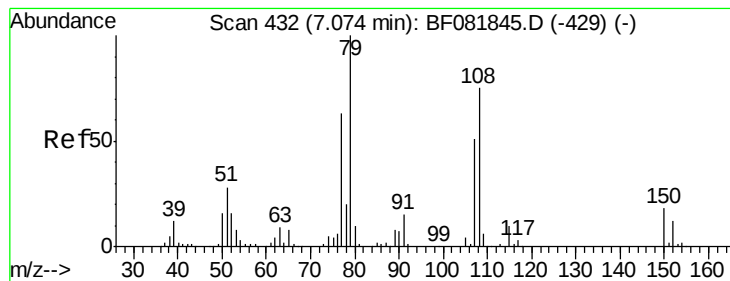
Tgt Ion:146 Resp: 290937
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.6
 111 40.1 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 41.39 ng
 RT: 6.95 min Scan# 421
 Delta R.T. -0.16 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:146 Resp: 294006
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.7 79.1
 111 40.1 28.8 43.2





#15

Benzyl Alcohol

Concen: 38.07 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

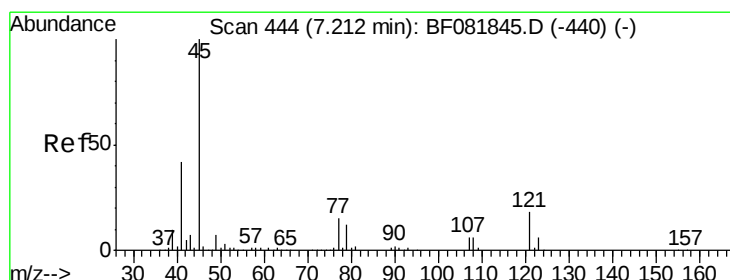
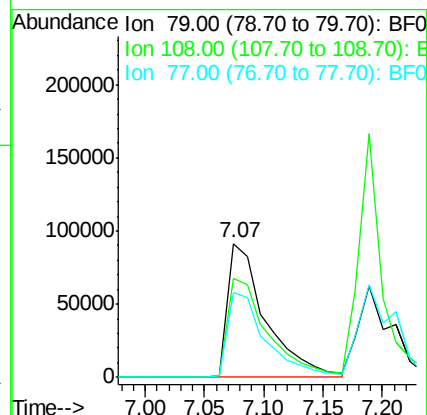
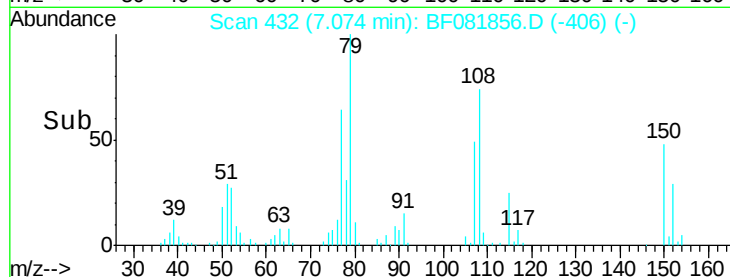
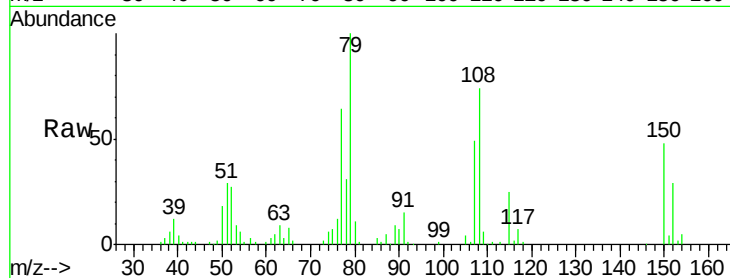
Tgt Ion: 79 Resp: 202360

Ion Ratio Lower Upper

79 100

108 73.7 88.6 132.8#

77 63.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.53 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

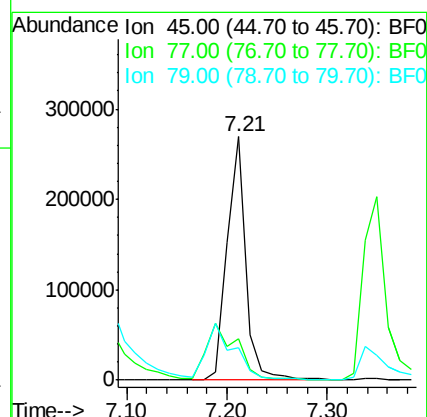
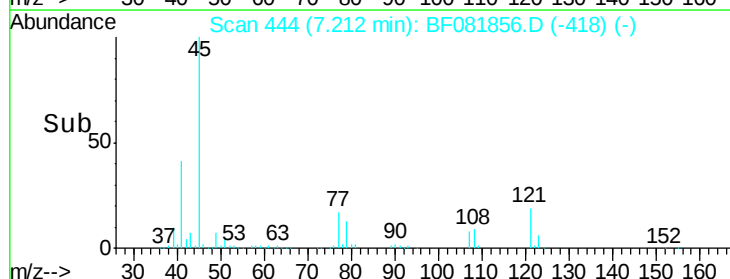
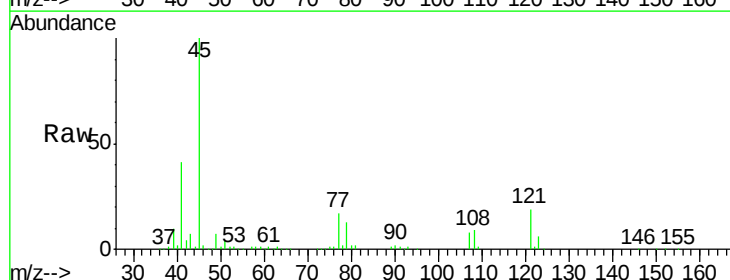
Tgt Ion: 45 Resp: 349005

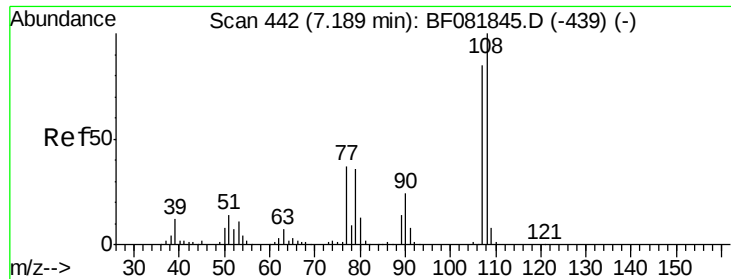
Ion Ratio Lower Upper

45 100

77 16.7 0.0 28.1

79 13.3 0.0 26.0

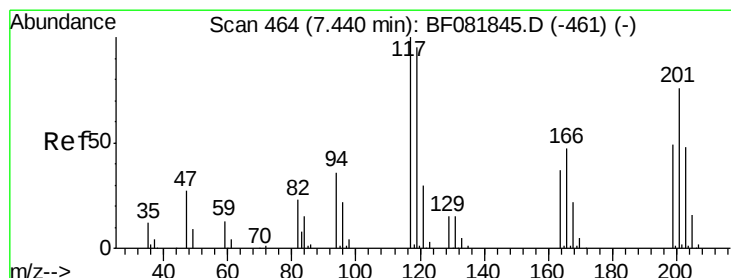
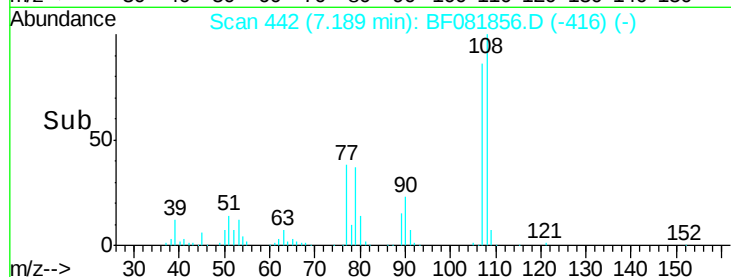
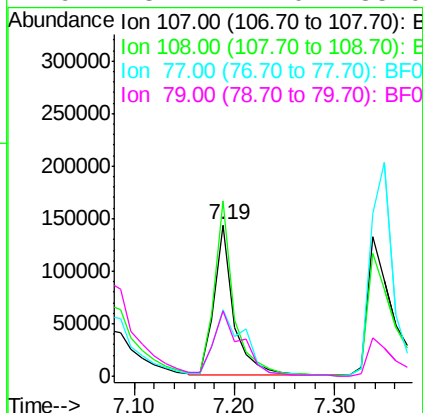
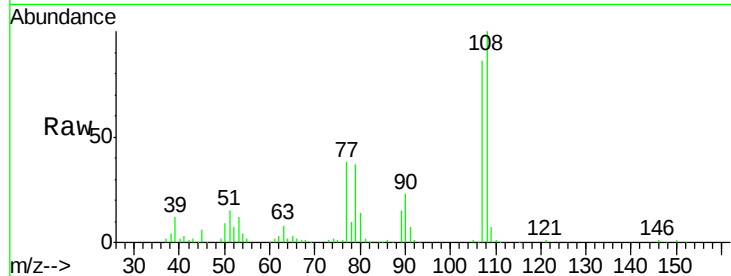




#17
2-Methylphenol
Concen: 37.27 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

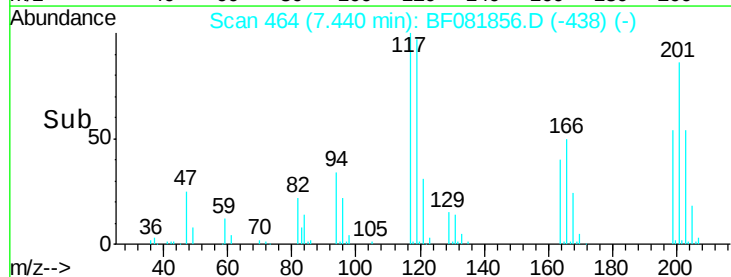
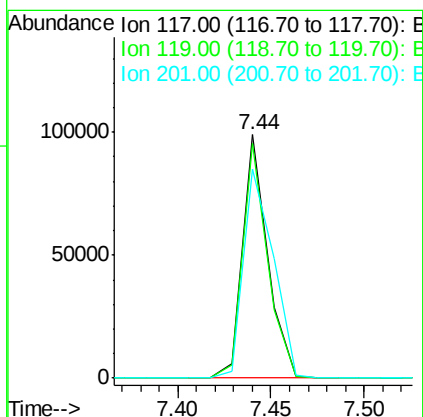
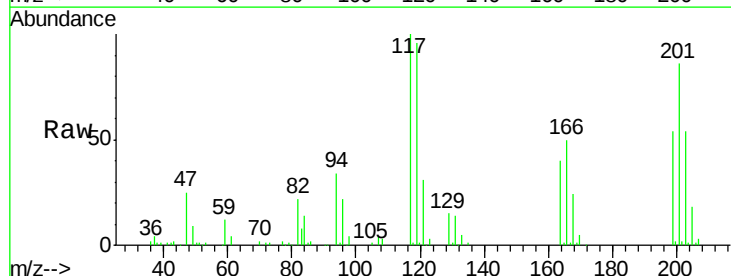
Instrument :
BNA_F
ClientSampleId :
PB85768BS

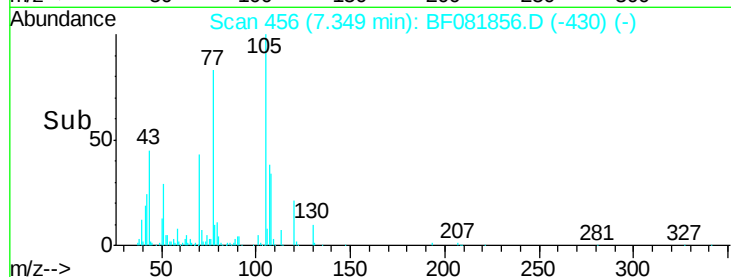
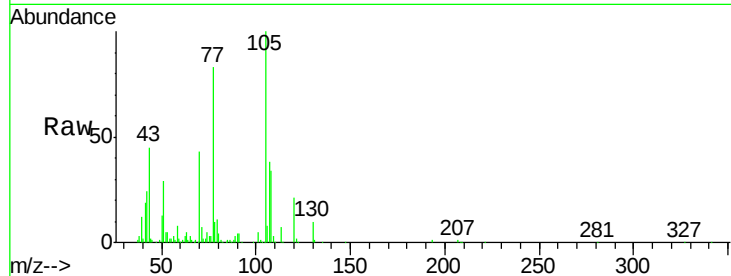
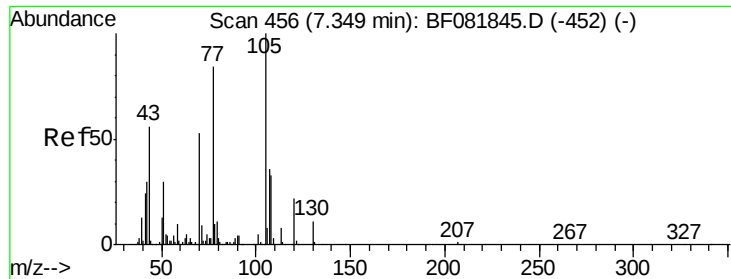
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.8	96.6	145.0
77	43.8	23.3	34.9#
79	43.4	22.0	33.0#



#18
Hexachloroethane
Concen: 36.94 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	83.8	125.6
201	85.9	55.1	82.7#

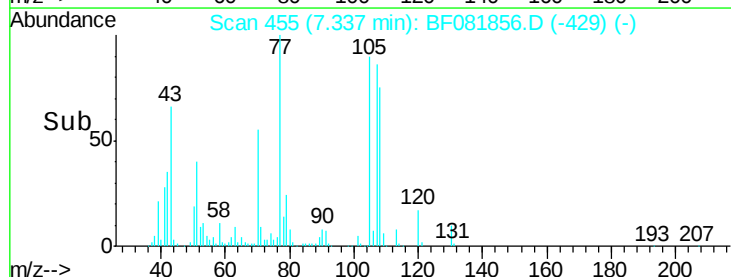
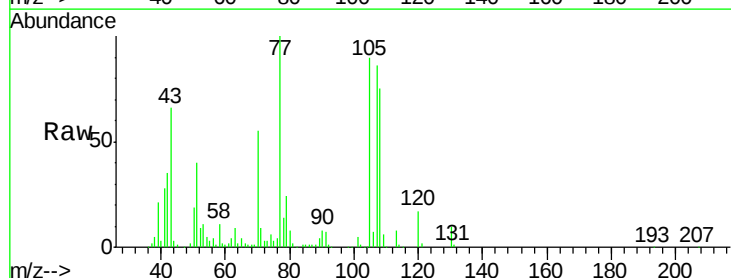
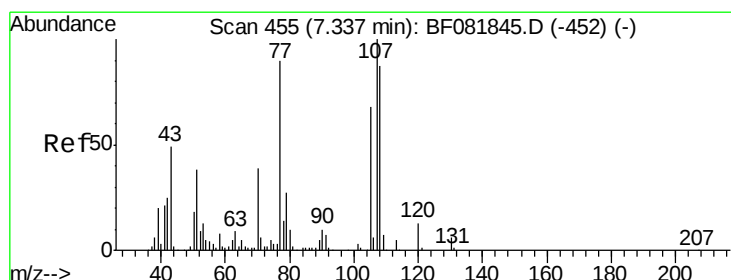
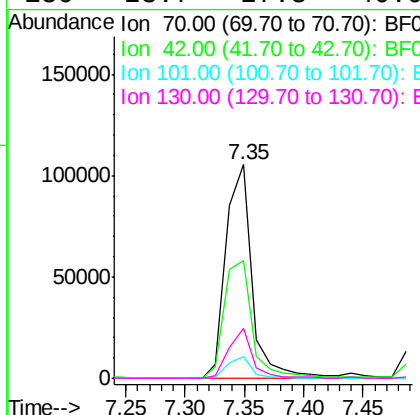




#19
n-Nitroso-di-n-propylamine
Concen: 36.09 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

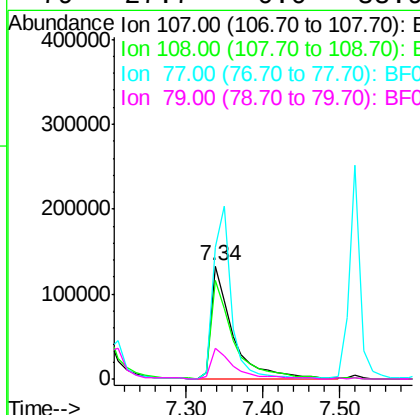
Instrument :
BNA_F
ClientSampleId :
PB85768BS

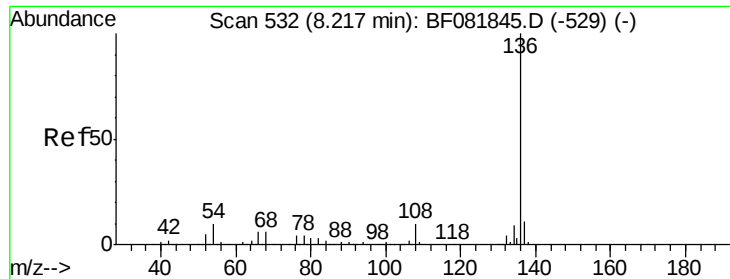
Tgt Ion:	70	Resp:	161527
Ion	Ratio	Lower	Upper
70	100		
42	55.0	63.8	95.6#
101	10.5	9.2	13.8
130	23.7	27.3	40.9#



#20
3+4-Methylphenols
Concen: 39.06 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion:	107	Resp:	258508
Ion	Ratio	Lower	Upper
107	100		
108	87.4	74.6	114.6
77	116.3	0.7	40.7#
79	27.7	0.0	38.9

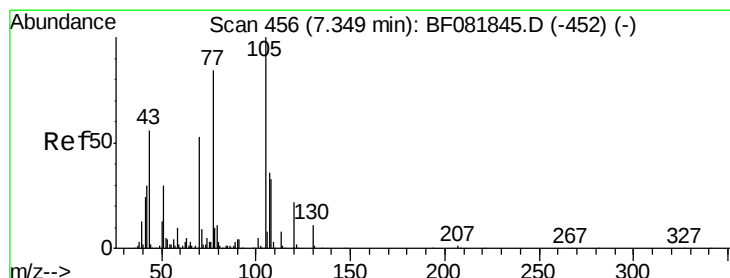
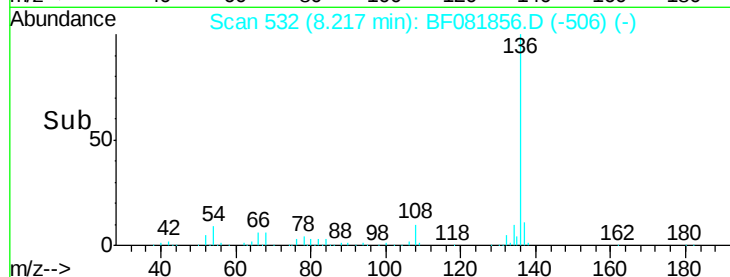
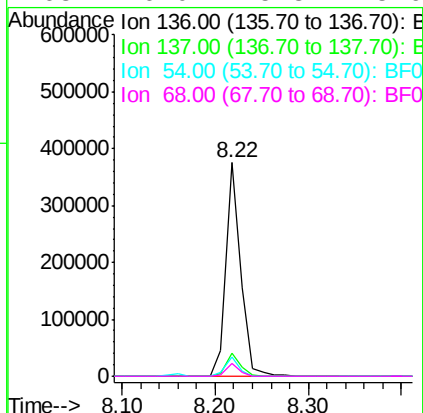
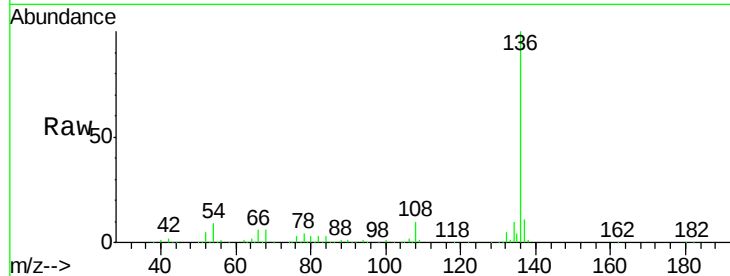




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

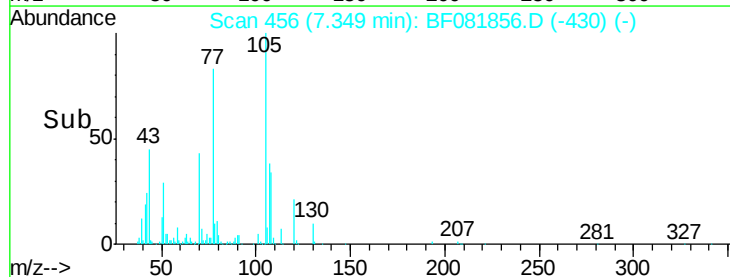
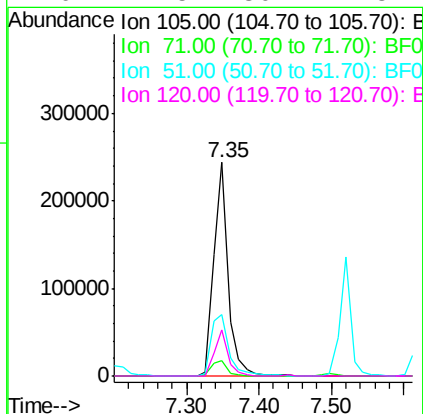
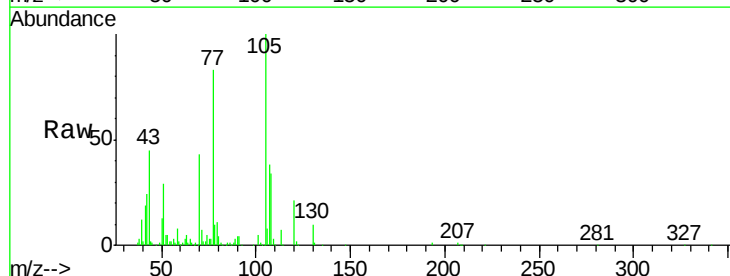
Instrument :
BNA_F
ClientSampleId :
PB85768BS

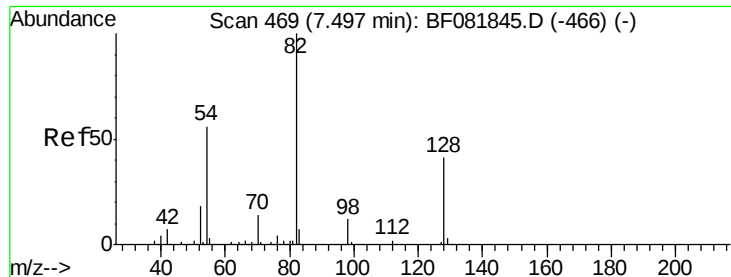
Tgt Ion:	136	Resp:	413842
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.1	8.2	12.2
68	6.0	5.8	8.6



#22
Acetophenone
Concen: 39.40 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion:	105	Resp:	333353
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.7	7.1
51	29.0	22.0	33.0
120	21.5	30.1	45.1#

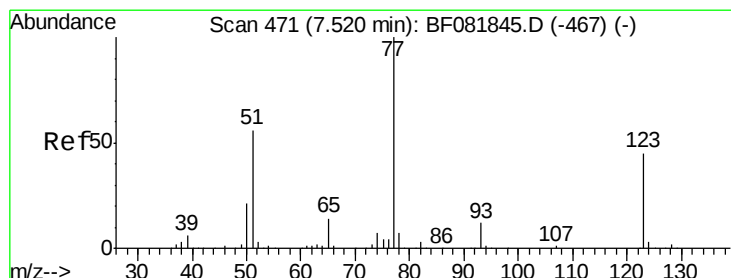
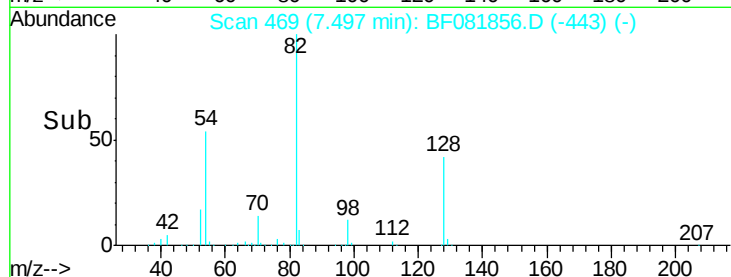
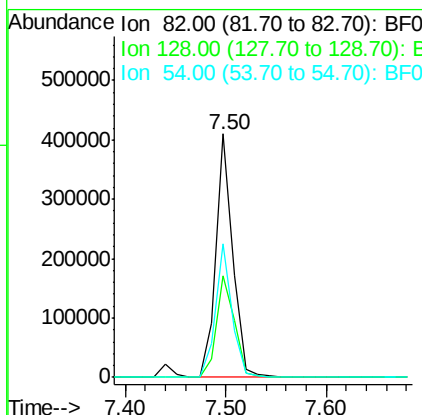
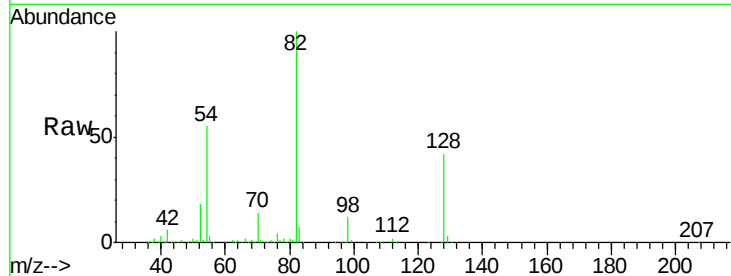




#23
 Nitrobenzene-d5
 Concen: 77.54 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

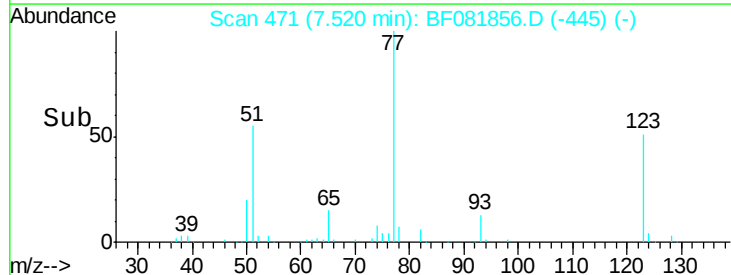
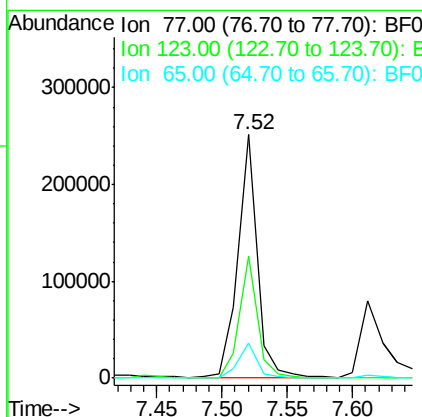
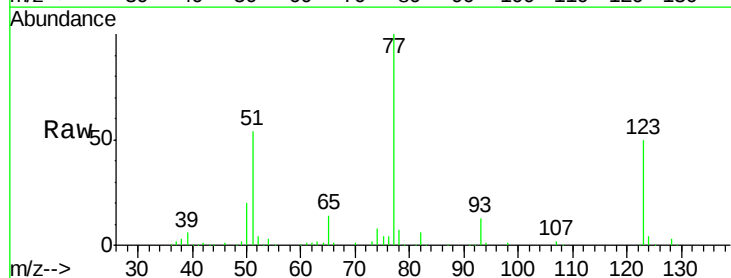
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion: 82 Resp: 481380
 Ion Ratio Lower Upper
 82 100
 128 41.7 51.0 76.6#
 54 54.8 47.5 71.3



#24
 Nitrobenzene
 Concen: 37.74 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion: 77 Resp: 254397
 Ion Ratio Lower Upper
 77 100
 123 50.1 59.8 89.8#
 65 14.3 10.2 15.4





#25

Isophorone

Concen: 36.78 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

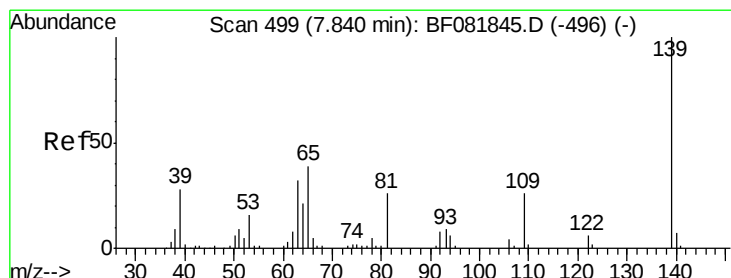
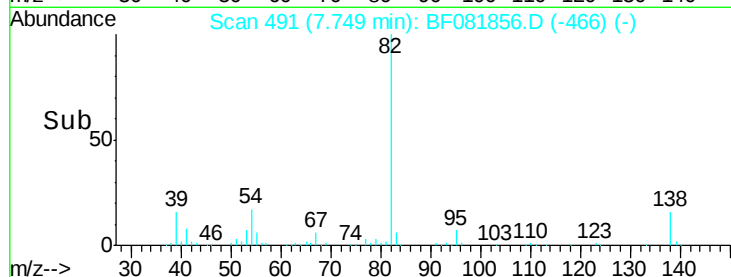
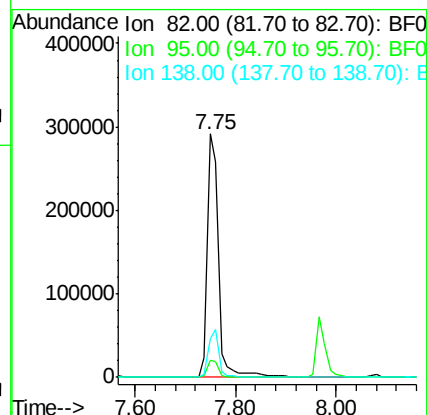
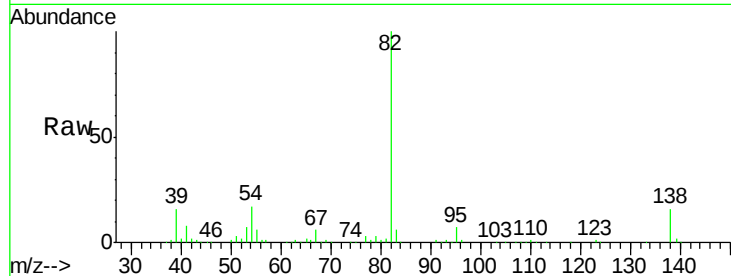
Tgt Ion: 82 Resp: 452516

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

138 15.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 38.16 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

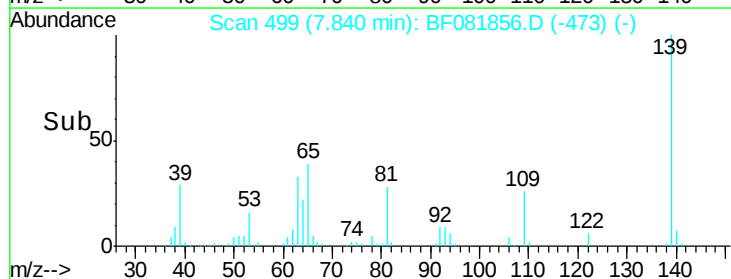
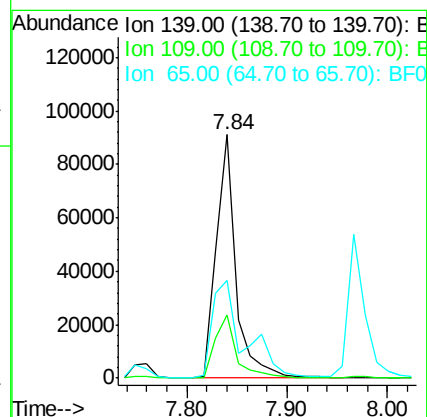
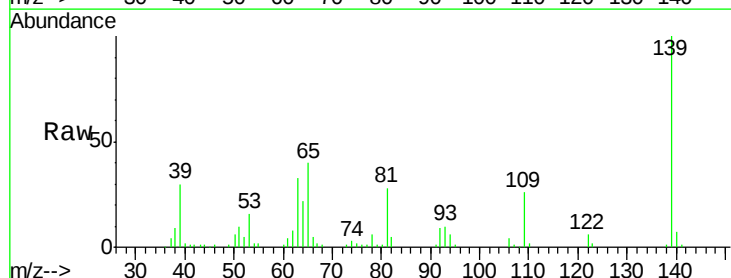
Tgt Ion: 139 Resp: 123488

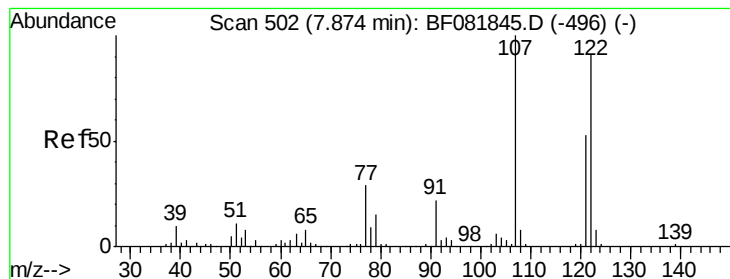
Ion Ratio Lower Upper

139 100

109 25.9 11.0 16.4#

65 40.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 39.81 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

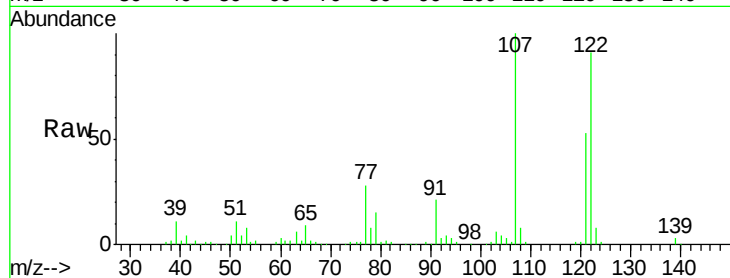
Tgt Ion:122 Resp: 226606

Ion Ratio Lower Upper

122 100

107 110.0 71.8 107.6#

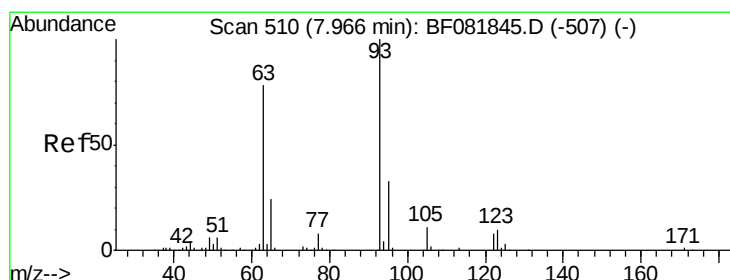
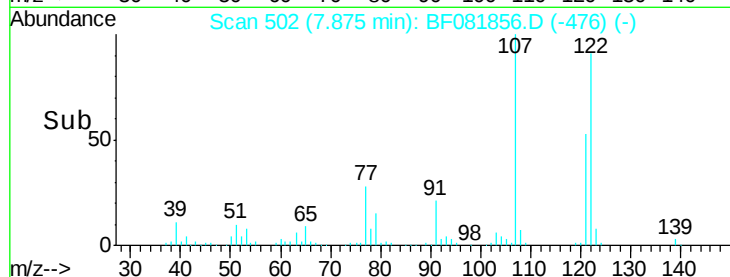
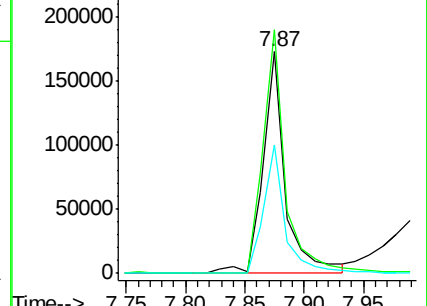
121 58.1 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.91 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

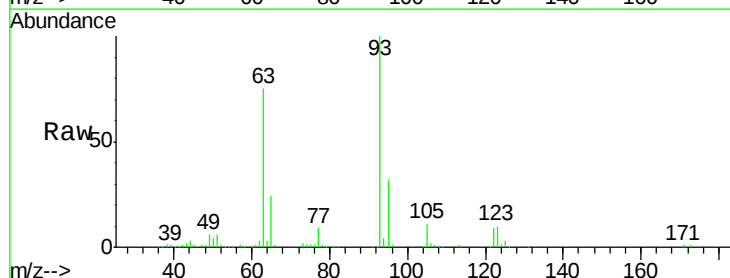
Tgt Ion: 93 Resp: 276998

Ion Ratio Lower Upper

93 100

95 32.0 27.5 41.3

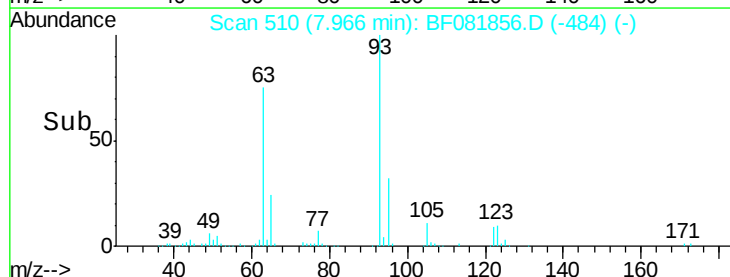
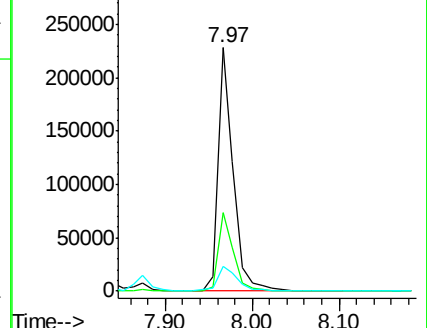
123 10.2 13.7 20.5#

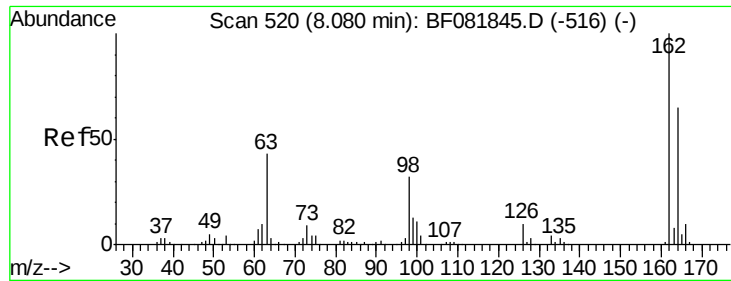


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

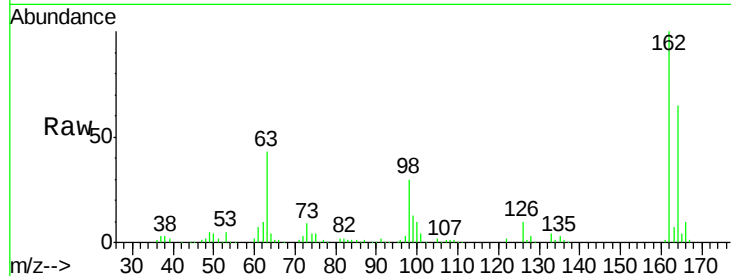




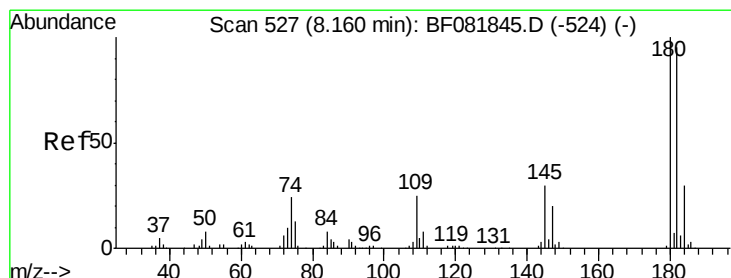
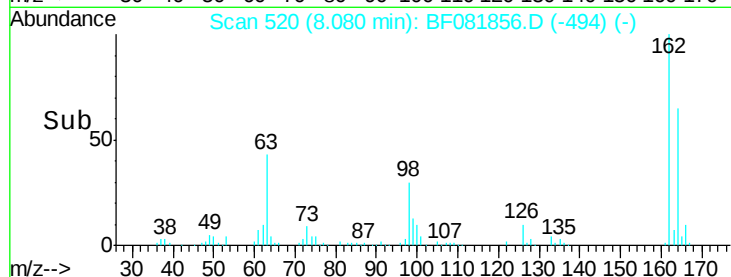
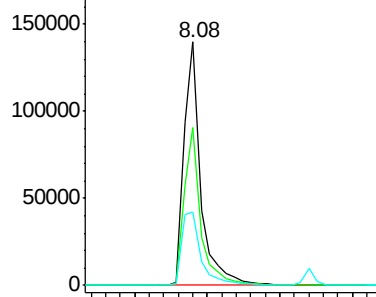
#29
 2,4-Dichlorophenol
 Concen: 40.49 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.9	84.9
98	30.1	13.0	53.0

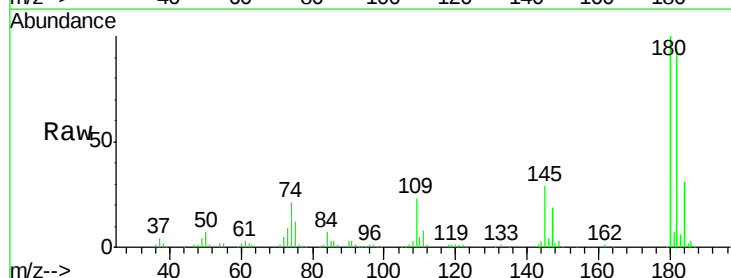


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

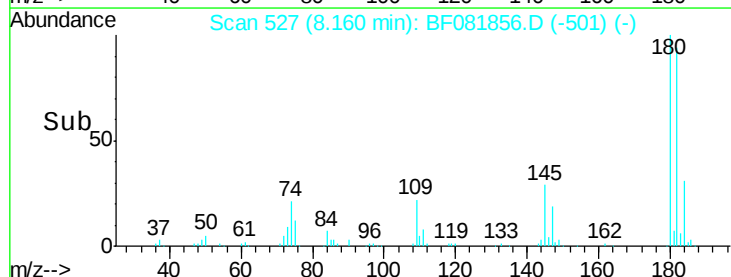
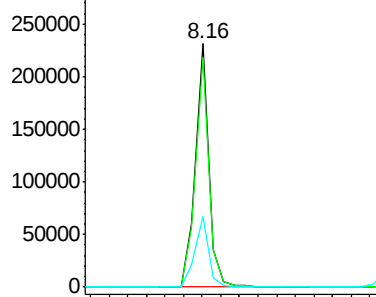


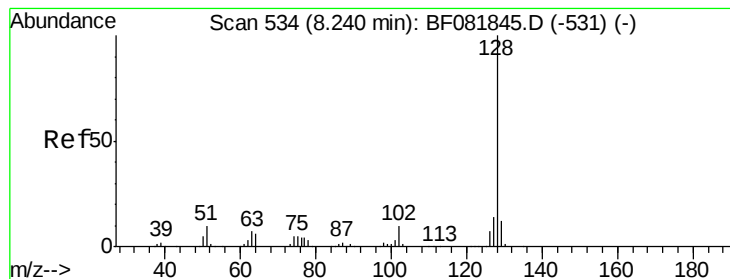
#30
 1,2,4-Trichlorobenzene
 Concen: 37.64 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.1	115.7
145	29.3	23.3	34.9



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





#31

Naphthalene

Concen: 38.00 ng

RT: 8.24 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

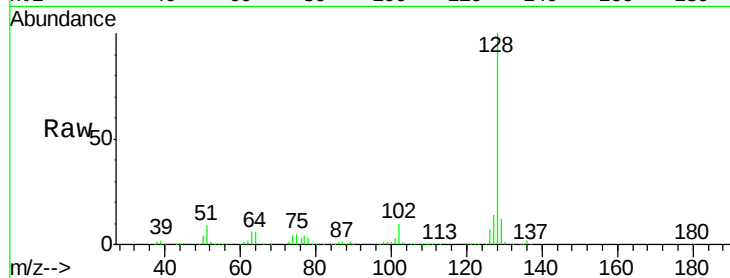
Tgt Ion:128 Resp: 696748

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

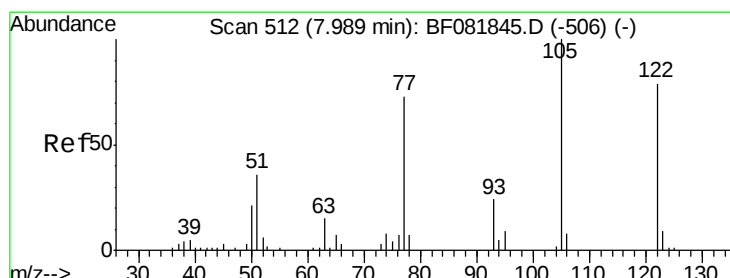
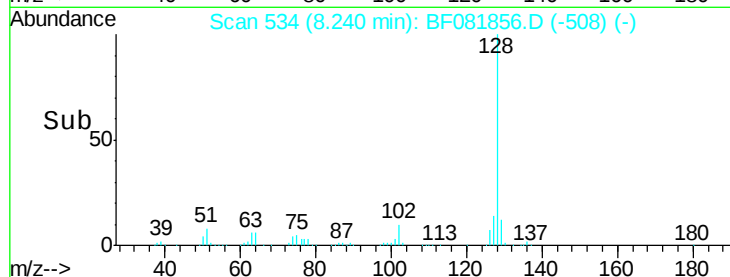
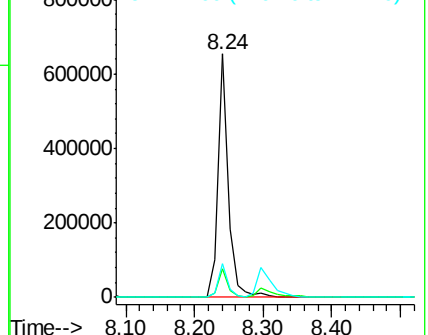
127 13.6 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.89 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

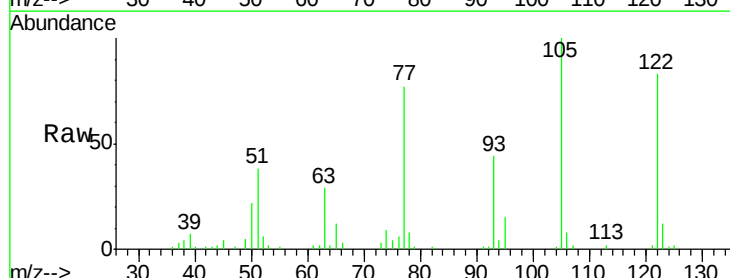
Tgt Ion:122 Resp: 106724

Ion Ratio Lower Upper

122 100

105 120.8 76.1 116.1#

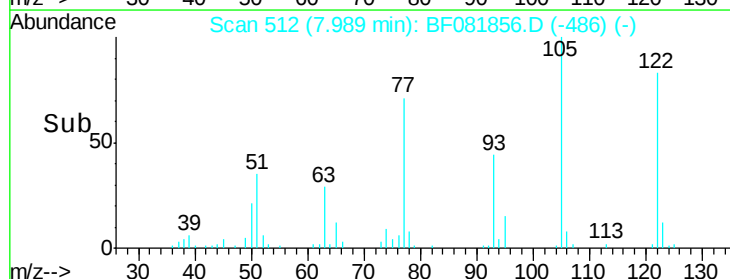
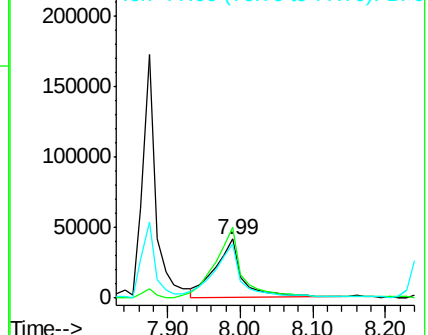
77 92.7 40.5 80.5#

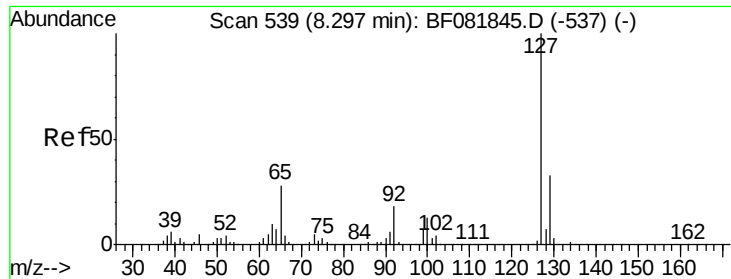


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

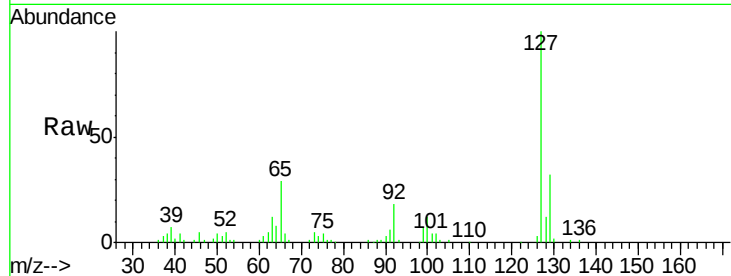




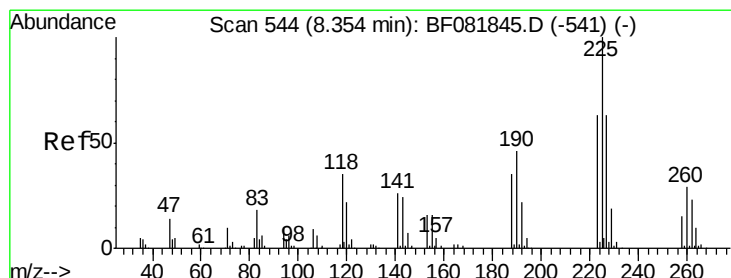
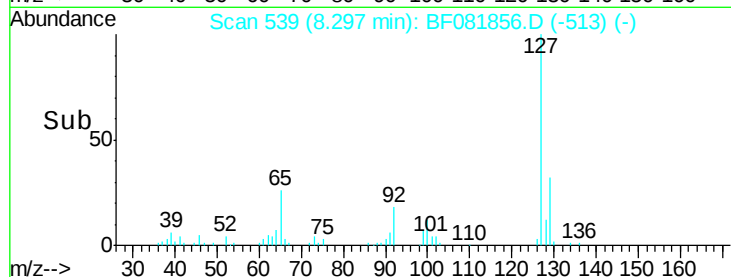
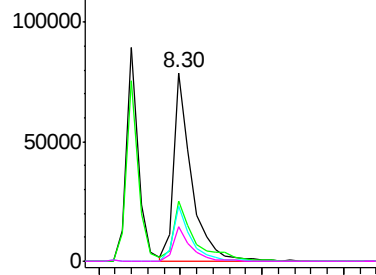
#33
4-Chloroaniline
Concen: 15.44 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Instrument :
BNA_F
ClientSampleId :
PB85768BS

Tgt Ion:	127	Resp:	122444
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	29.0	17.9	26.9#
92	18.3	10.5	15.7#

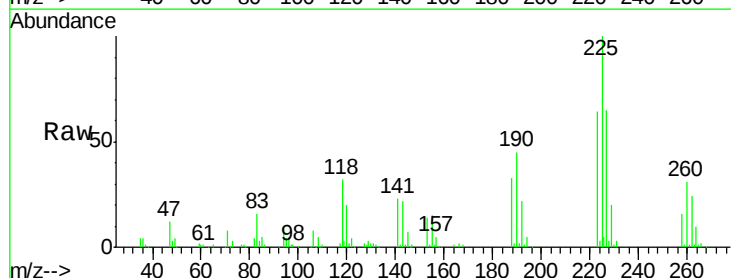


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

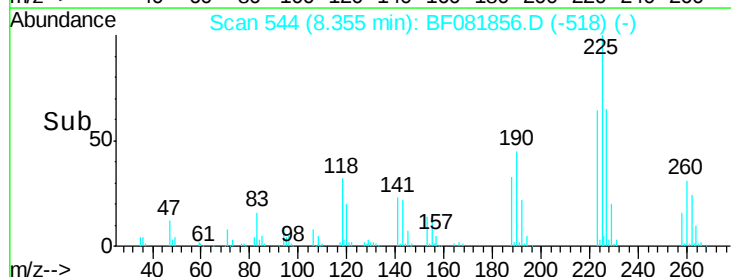
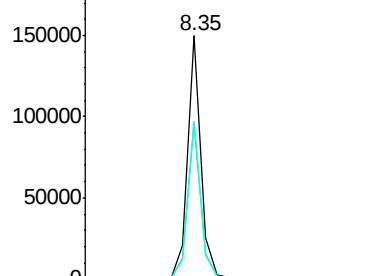


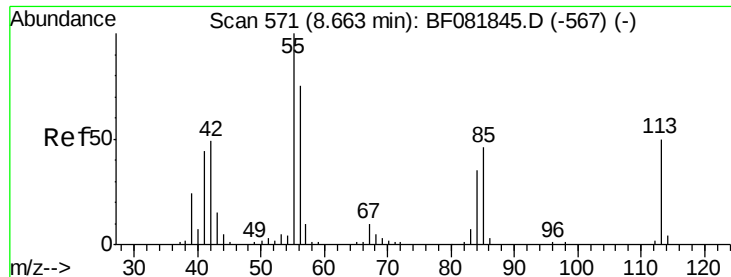
#34
Hexachlorobutadiene
Concen: 38.10 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion:	225	Resp:	138872
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.2
227	64.8	52.2	78.2



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

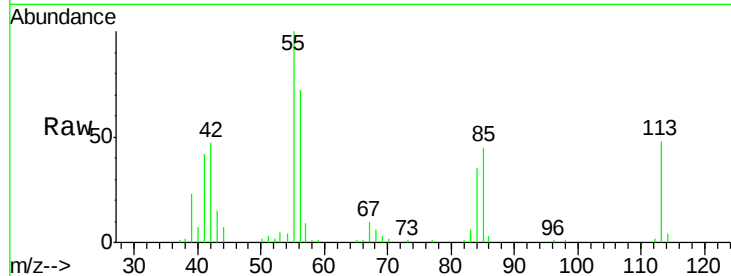




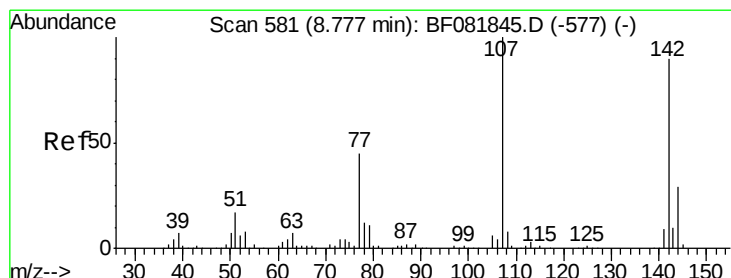
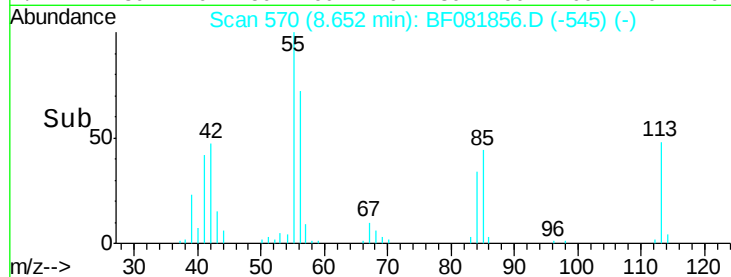
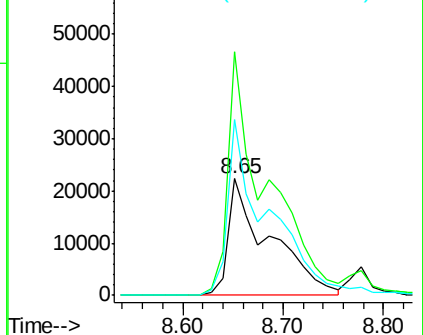
#35
 Caprolactam
 Concen: 41.67 ng
 RT: 8.65 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion:113 Resp: 63682
 Ion Ratio Lower Upper
 113 100
 55 208.6 152.4 192.4#
 56 150.6 104.6 144.6#

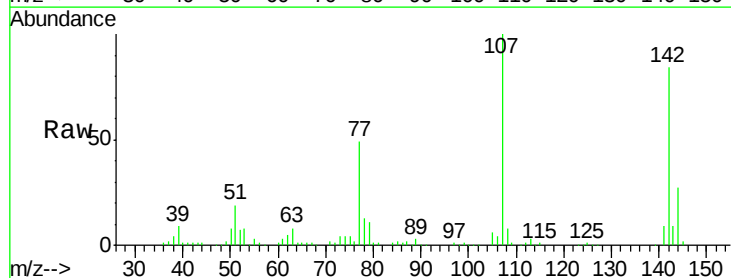


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

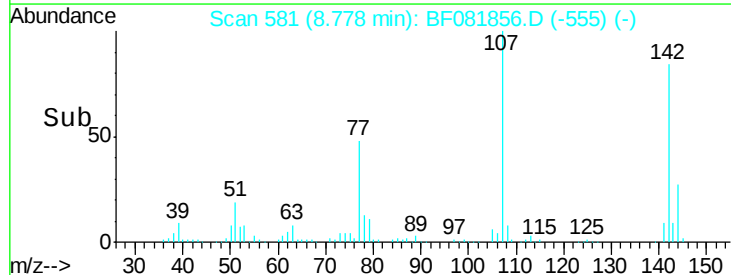
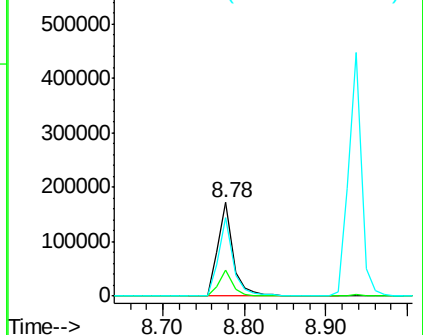


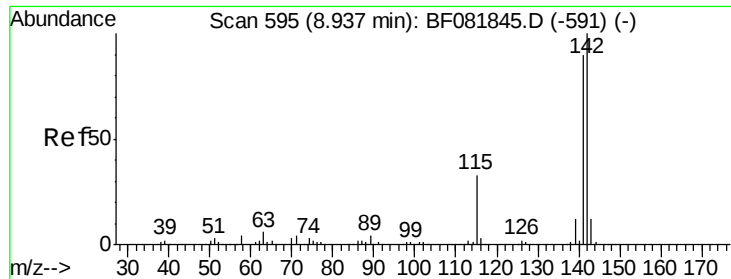
#36
 4-Chloro-3-methylphenol
 Concen: 41.98 ng
 RT: 8.78 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:107 Resp: 226588
 Ion Ratio Lower Upper
 107 100
 144 27.3 25.4 38.0
 142 84.3 77.3 115.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

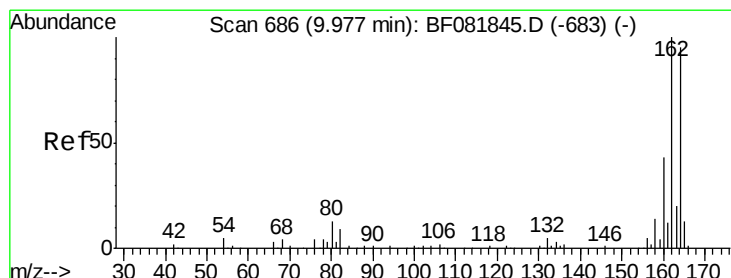
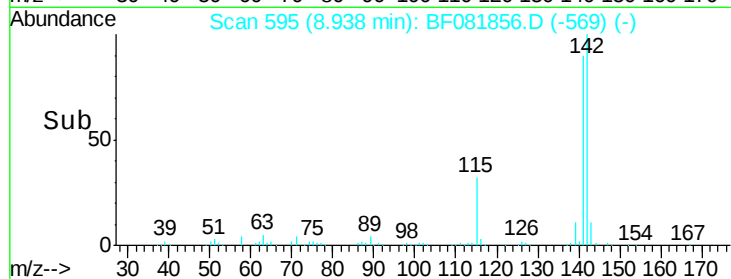
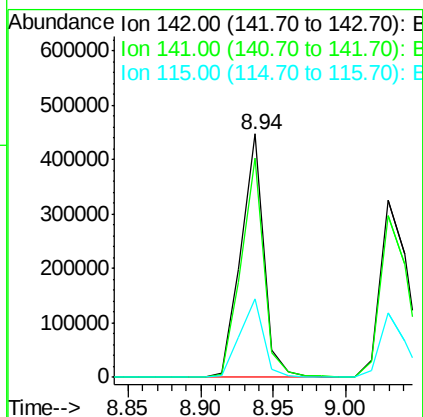
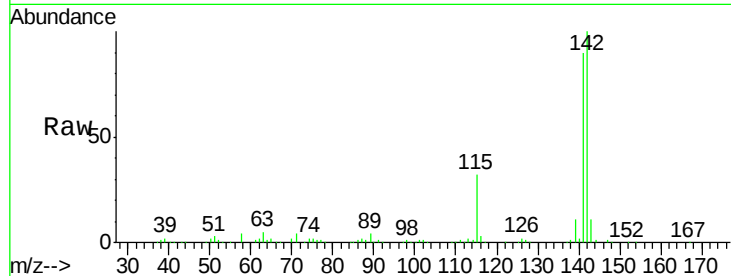




#37
 2-Methylnaphthalene
 Concen: 39.43 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

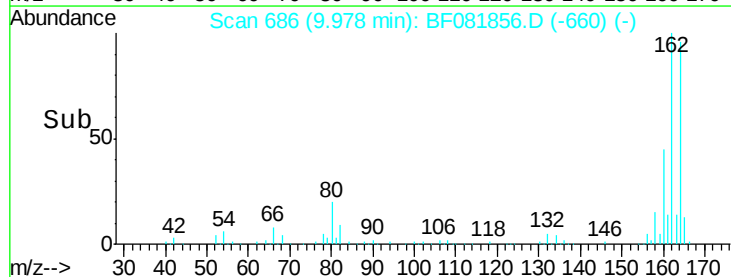
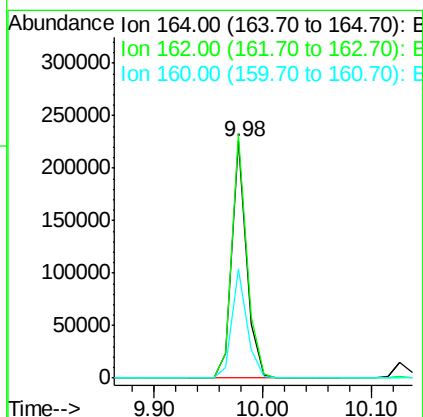
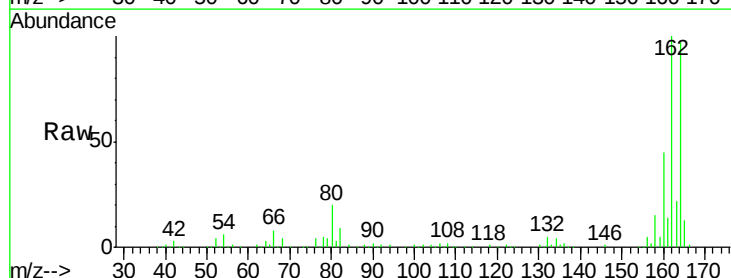
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

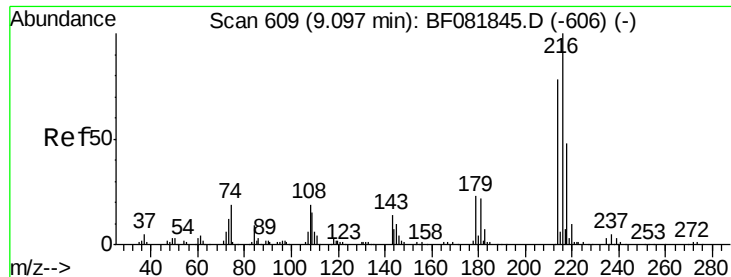
Tgt Ion:142 Resp: 493510
 Ion Ratio Lower Upper
 142 100
 141 90.0 67.5 101.3
 115 32.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:164 Resp: 209133
 Ion Ratio Lower Upper
 164 100
 162 102.7 75.2 112.8
 160 46.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.53 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

Tgt Ion:216 Resp: 234564

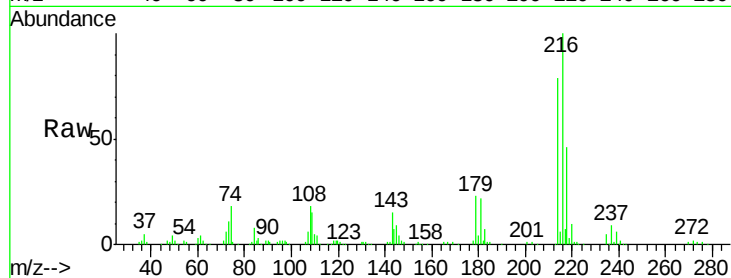
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.4 16.6 24.8

108 19.9 16.3 24.5

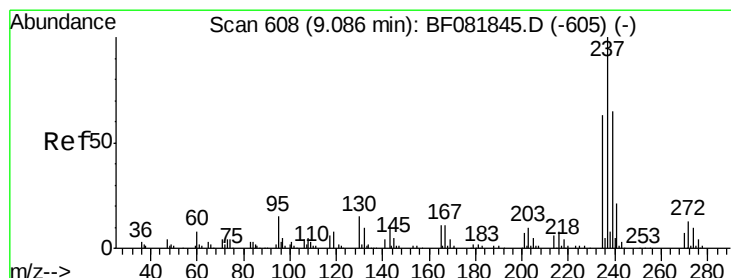
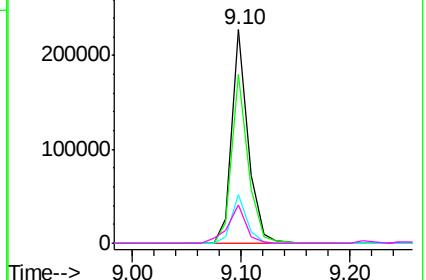
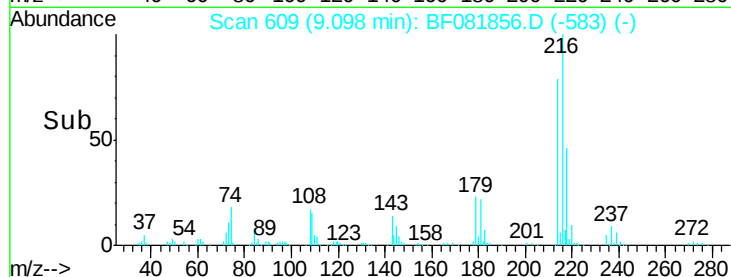


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 84.50 ng

RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

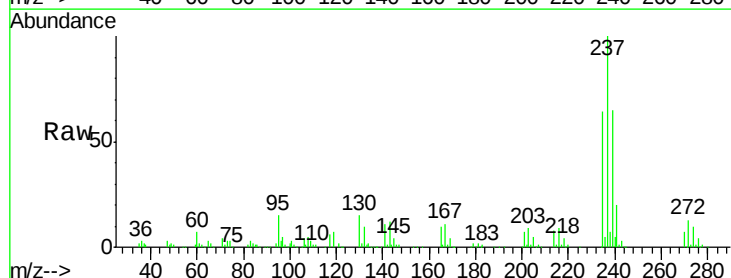
Tgt Ion:237 Resp: 279386

Ion Ratio Lower Upper

237 100

235 64.4 42.0 82.0

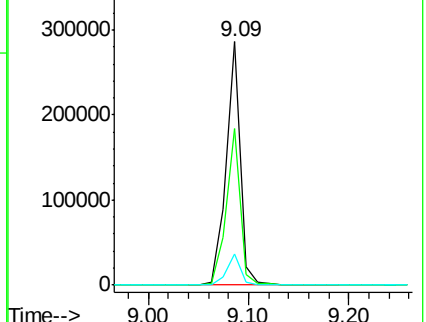
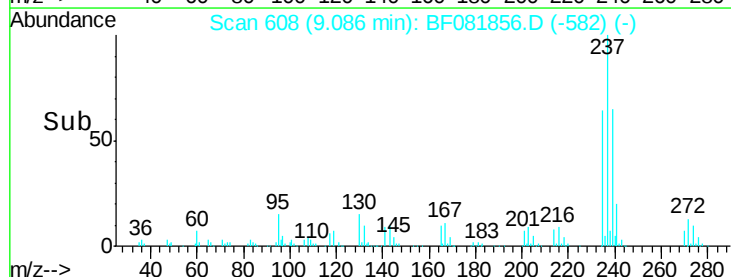
272 12.8 0.0 36.1

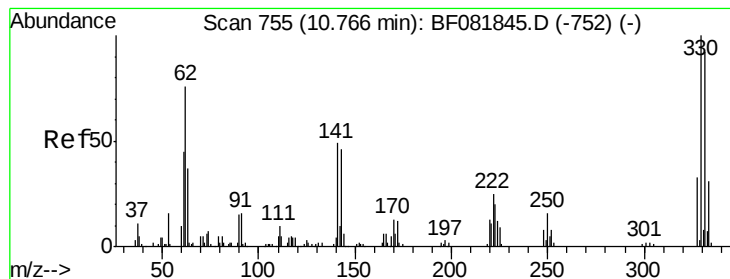


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

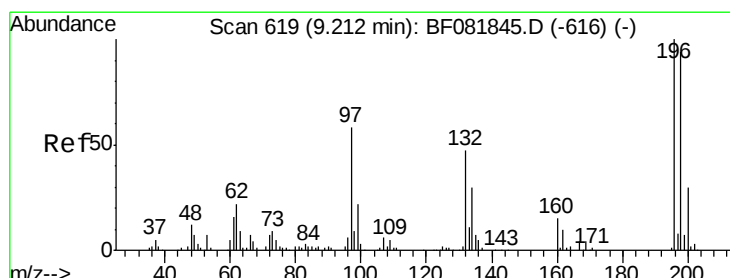
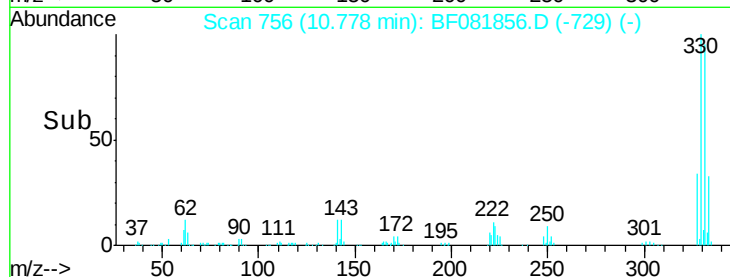
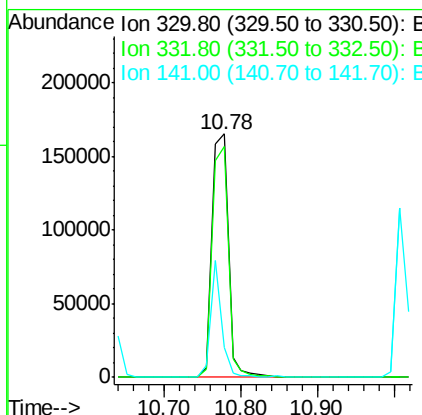
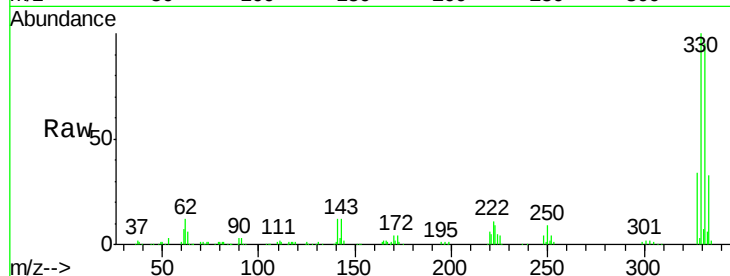




#41
 2,4,6-Tribromophenol
 Concen: 115.01 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

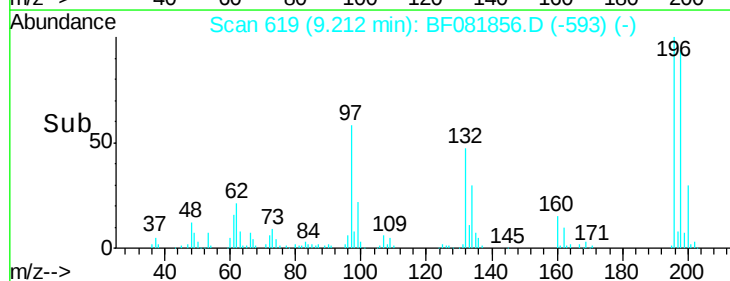
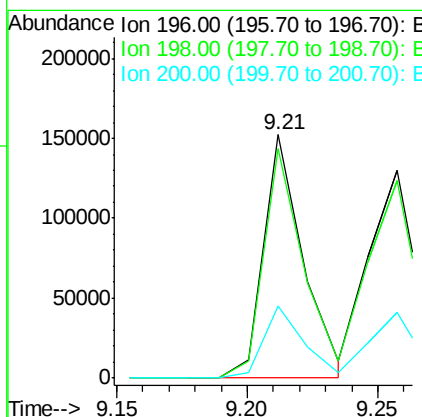
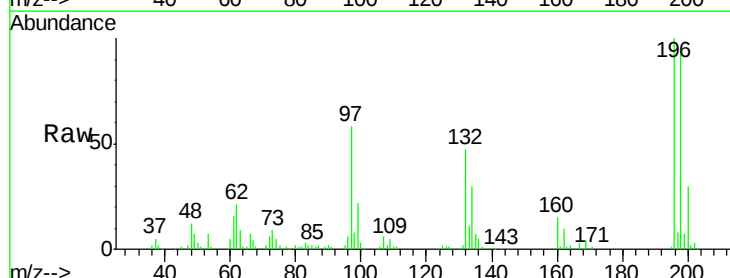
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion:330 Resp: 243602
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.6 114.8
 141 32.0 29.7 44.5



#42
 2,4,6-Trichlorophenol
 Concen: 36.61 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:196 Resp: 161144
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 29.6 23.9 35.9

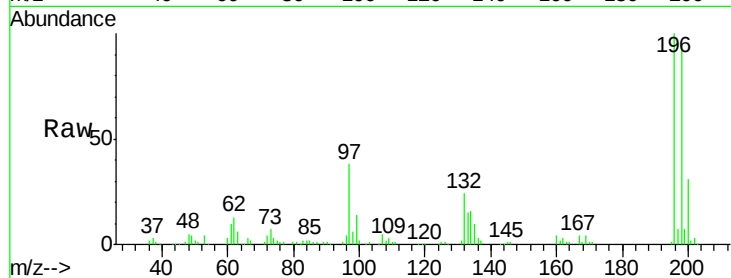




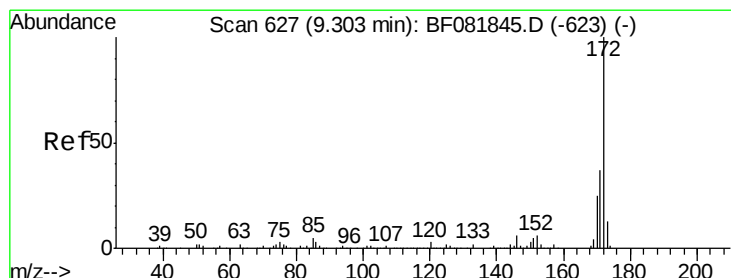
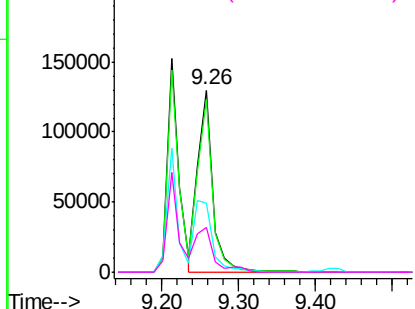
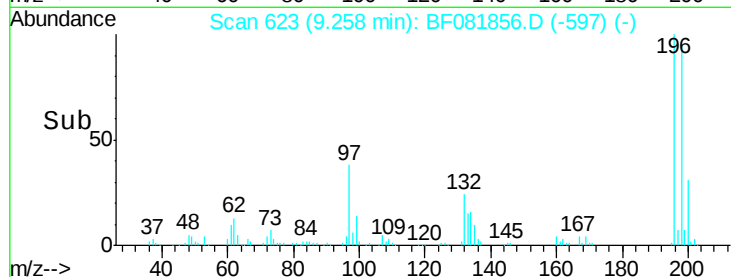
#43
 2,4,5-Trichlorophenol
 Concen: 39.29 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion:196 Resp: 177822
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.4 113.0
 97 38.0 33.3 49.9
 132 24.4 24.6 37.0#

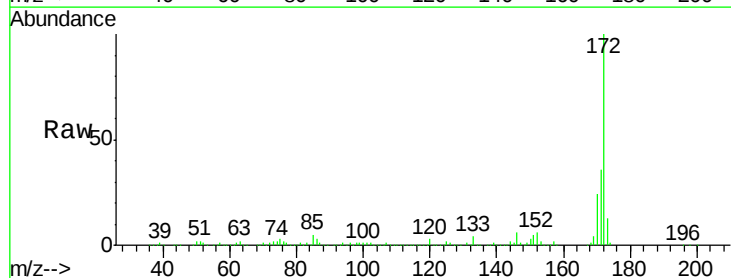


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

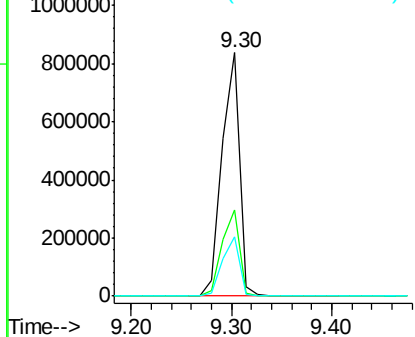
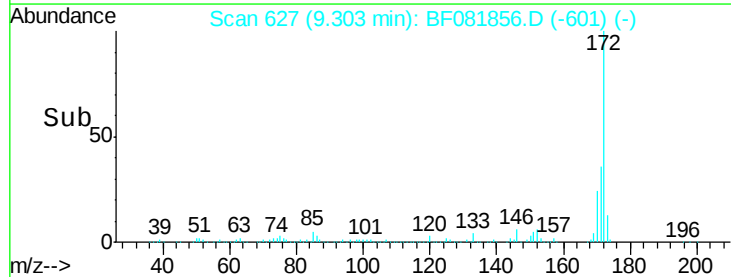


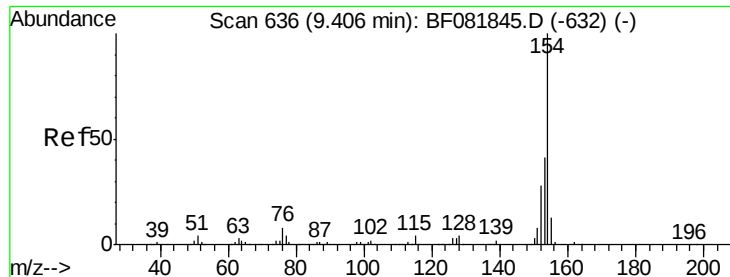
#44
 2-Fluorobiphenyl
 Concen: 80.38 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:172 Resp: 1015304
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.4 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

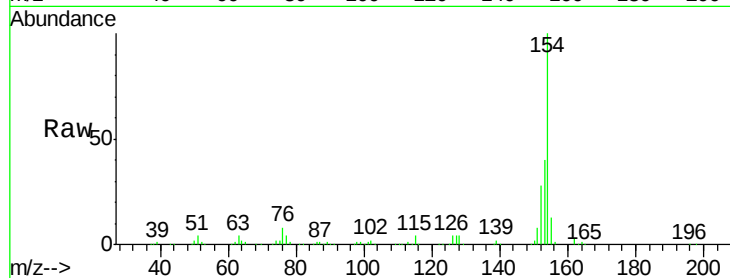




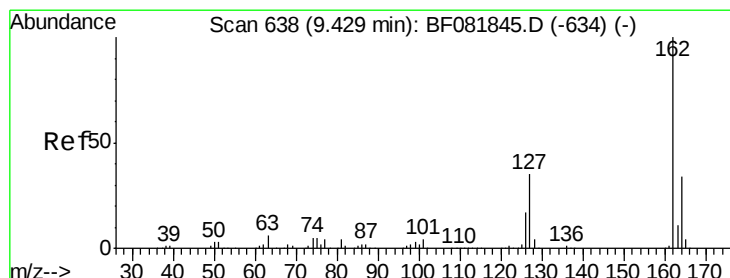
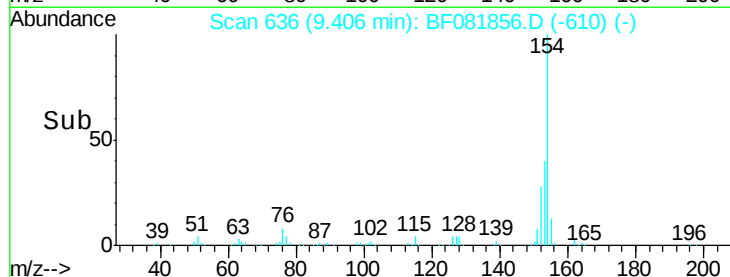
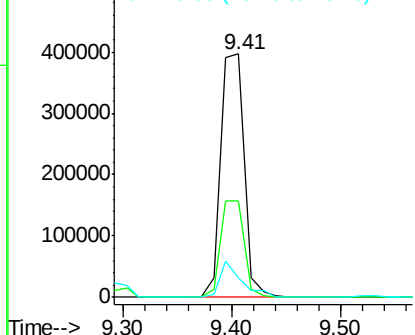
#45
 1,1'-Biphenyl
 Concen: 36.69 ng
 RT: 9.41 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Instrument :
 BNA_F
 ClientSampled :
 PB85768BS

Tgt Ion:154 Resp: 592028
 Ion Ratio Lower Upper
 154 100
 153 39.6 17.1 57.1
 76 8.2 0.0 31.6

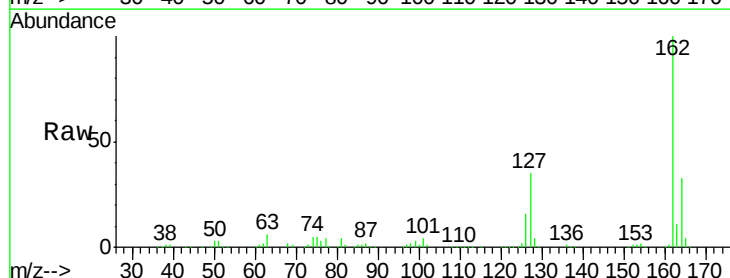


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

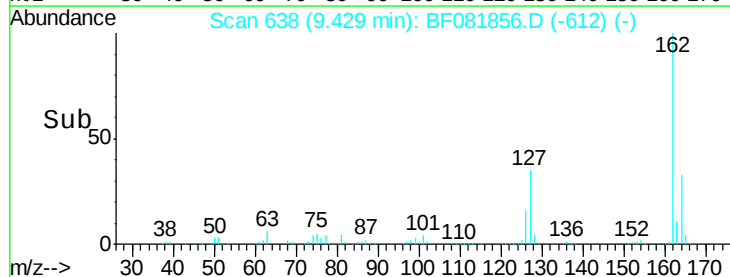
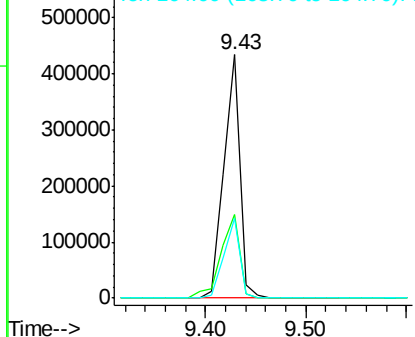


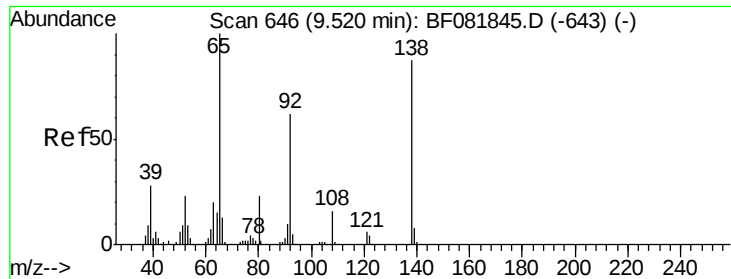
#46
 2-Chloronaphthalene
 Concen: 37.75 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:162 Resp: 478196
 Ion Ratio Lower Upper
 162 100
 127 34.5 27.6 41.4
 164 32.9 25.4 38.2



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

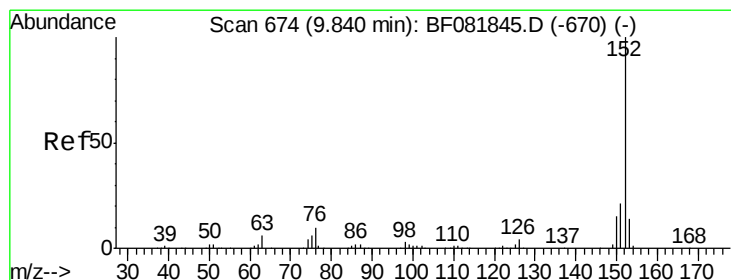
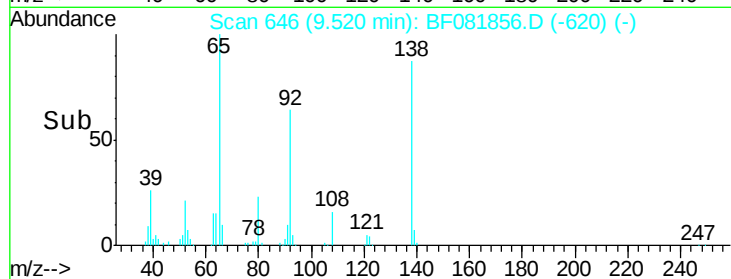
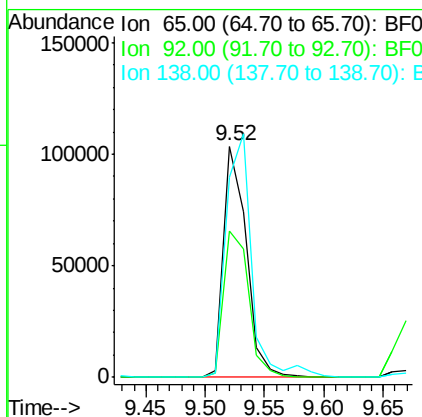
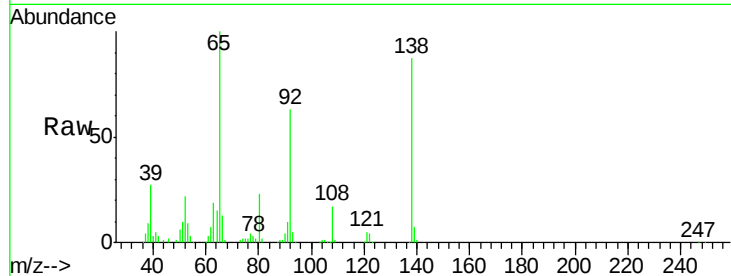




#47
2-Nitroaniline
Concen: 37.01 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

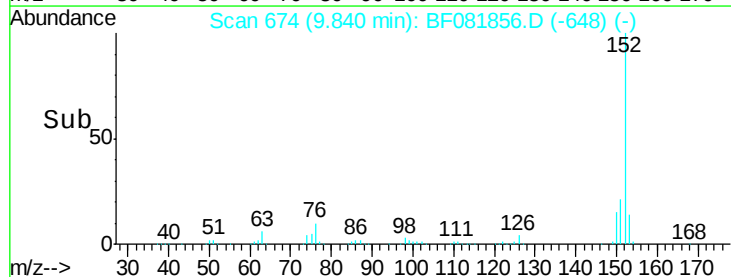
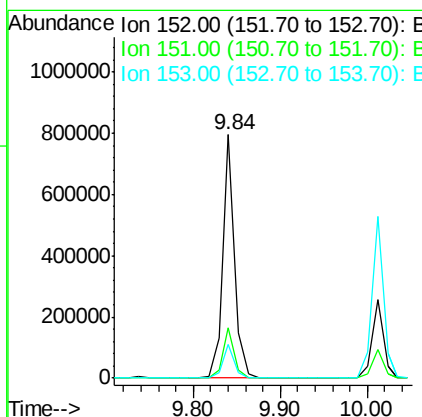
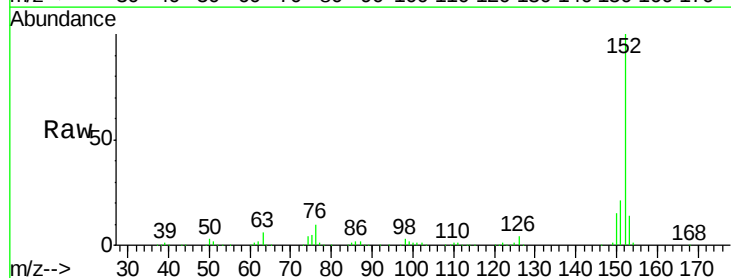
Instrument :
BNA_F
ClientSampleId :
PB85768BS

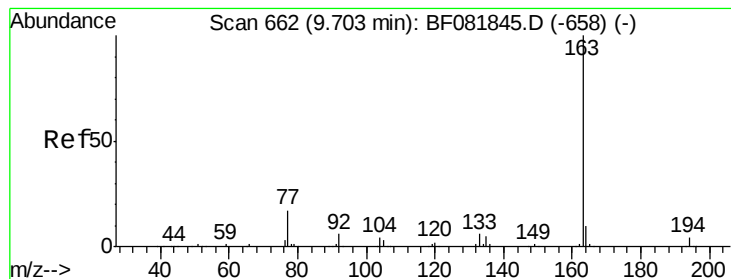
Tgt Ion: 65 Resp: 137627
Ion Ratio Lower Upper
65 100
92 63.4 55.4 83.0
138 86.6 115.5 173.3#



#48
Acenaphthylene
Concen: 37.13 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion: 152 Resp: 752888
Ion Ratio Lower Upper
152 100
151 20.6 14.6 22.0
153 13.7 10.3 15.5





#49

Dimethylphthalate

Concen: 39.36 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

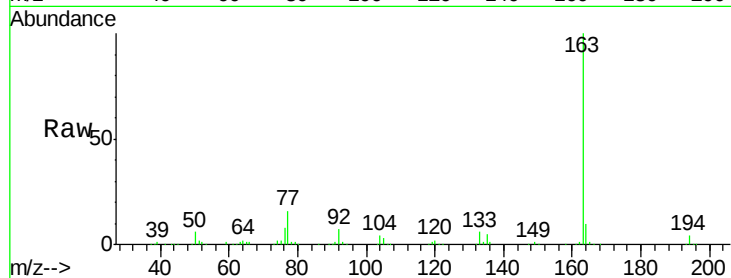
Tgt Ion:163 Resp: 568136

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

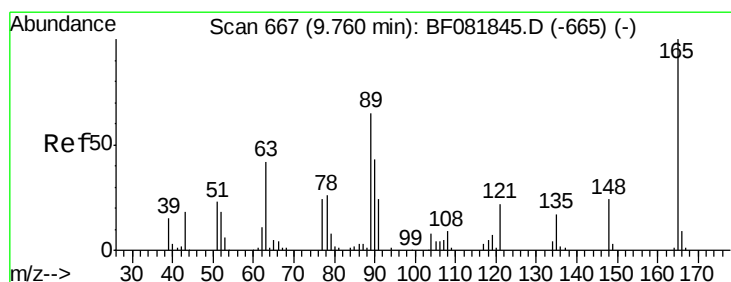
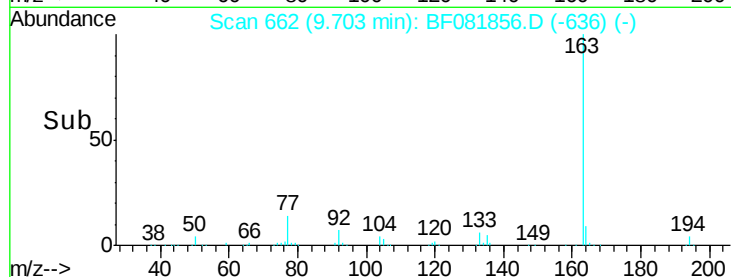
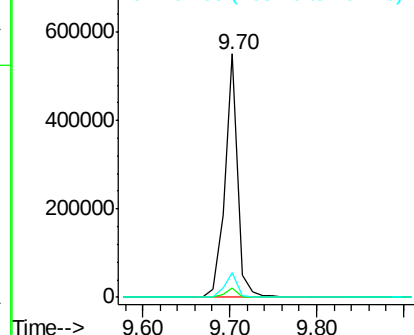
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.35 ng

RT: 9.76 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

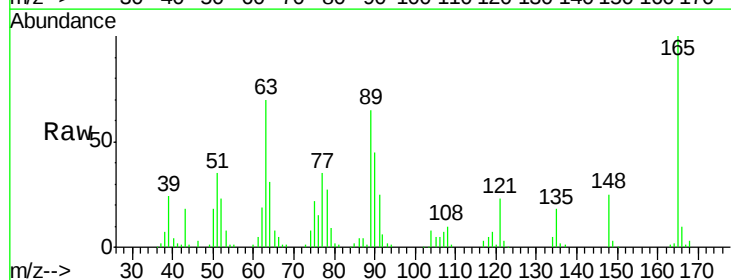
Tgt Ion:165 Resp: 117069

Ion Ratio Lower Upper

165 100

63 70.3 32.3 48.5#

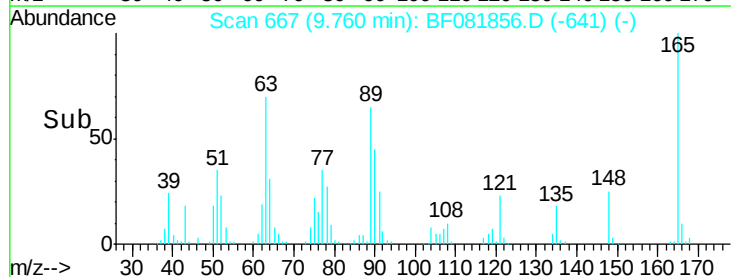
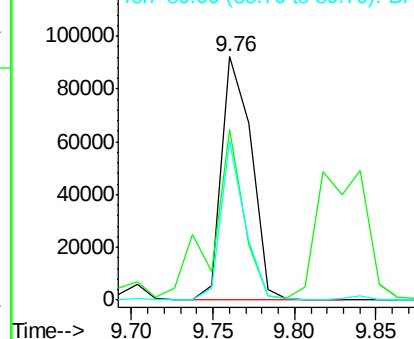
89 65.2 28.6 43.0#

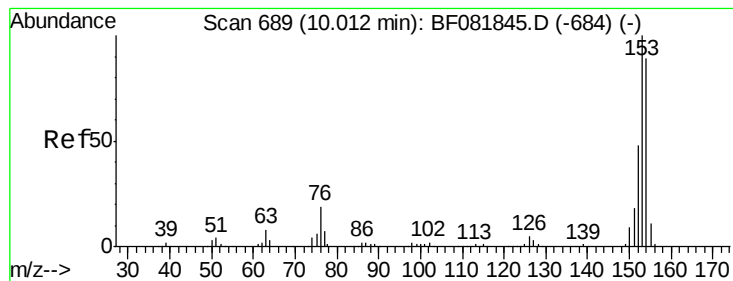


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.52 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

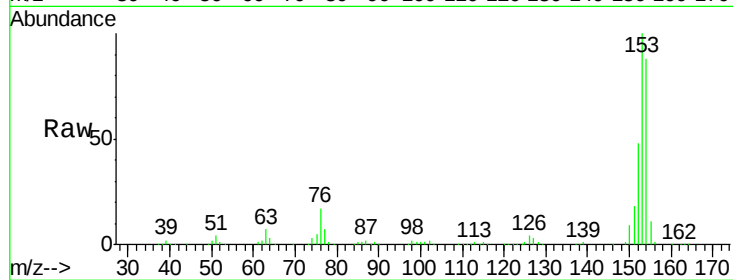
Tgt Ion:154 Resp: 487877

Ion Ratio Lower Upper

154 100

153 113.9 82.1 123.1

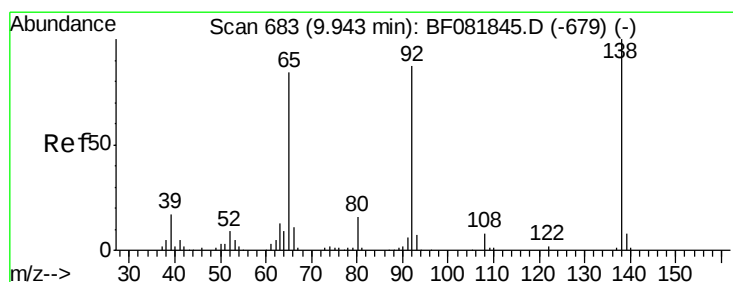
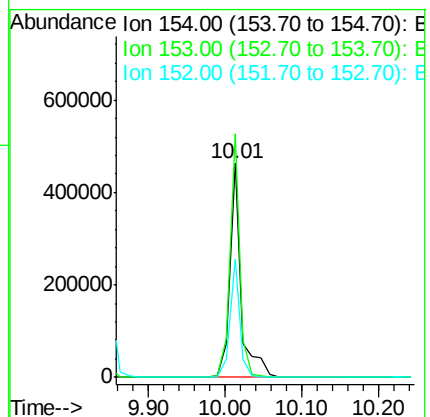
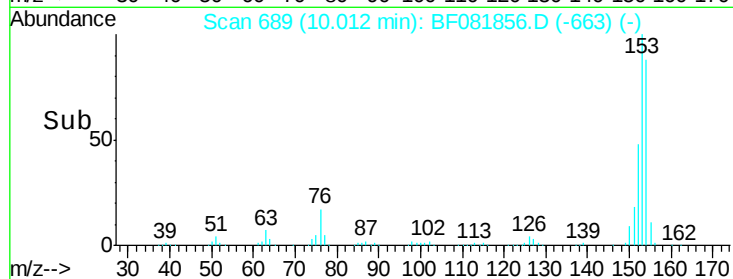
152 55.2 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.40 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

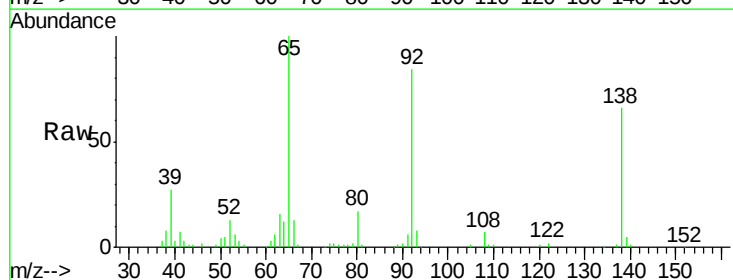
Tgt Ion:138 Resp: 81208

Ion Ratio Lower Upper

138 100

108 11.1 5.7 8.5#

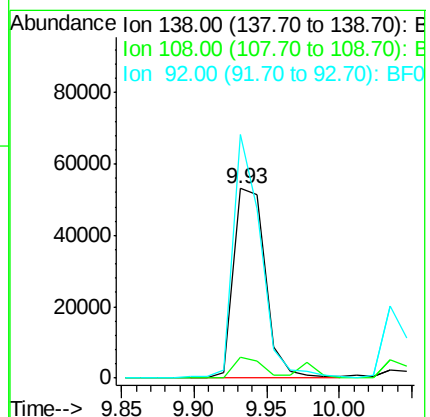
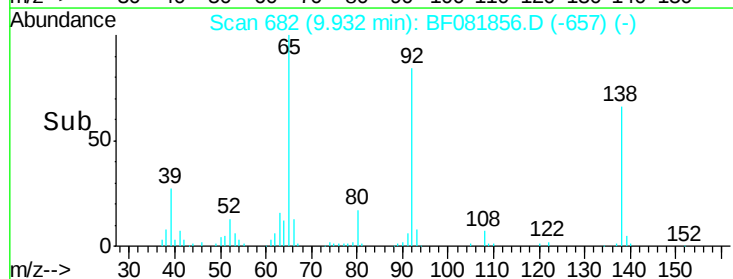
92 128.3 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

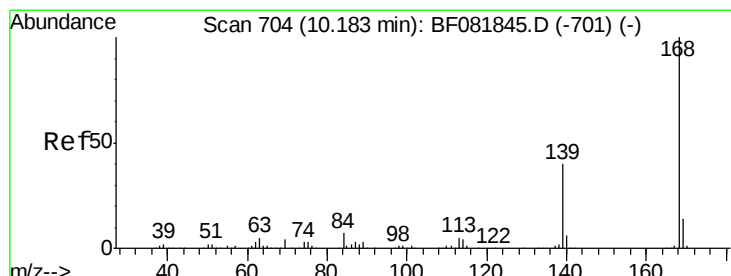
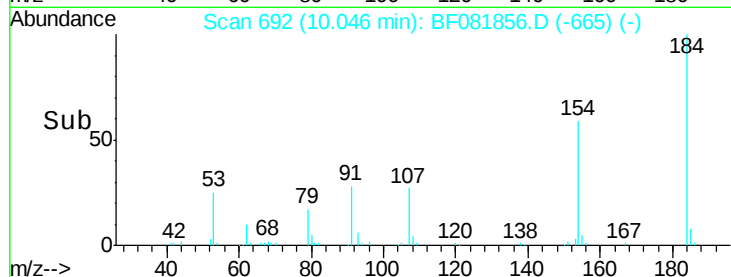
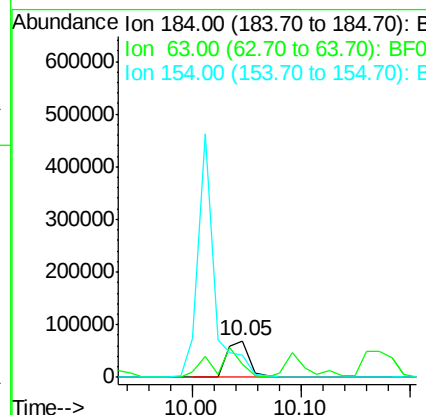
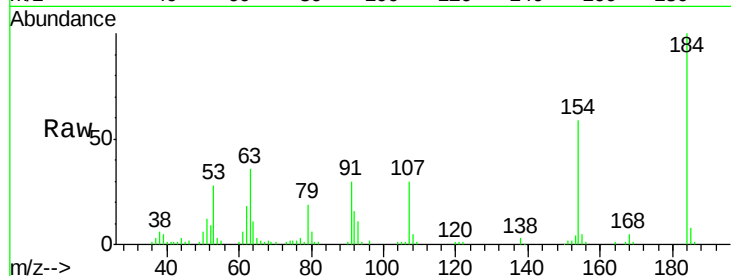




#53
2,4-Dinitrophenol
Concen: 70.29 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

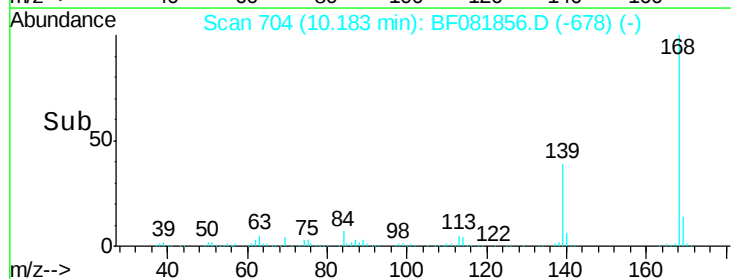
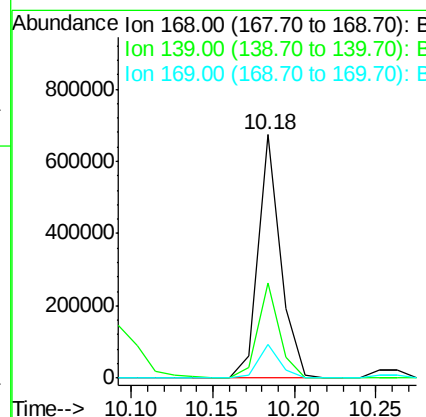
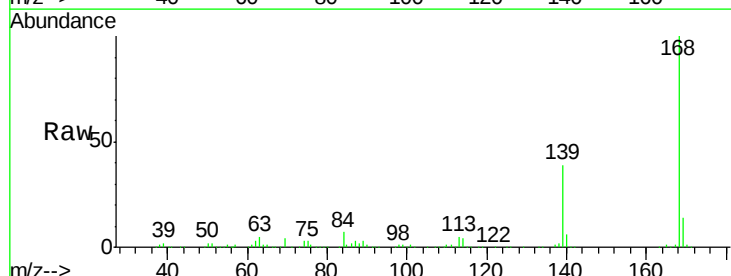
Instrument :
BNA_F
ClientSampleId :
PB85768BS

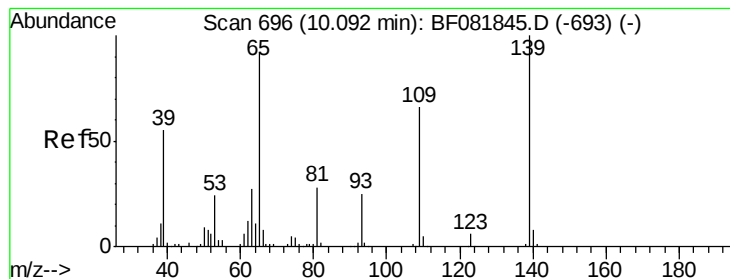
Tgt Ion:184 Resp: 98225
Ion Ratio Lower Upper
184 100
63 36.2 35.4 53.2
154 58.7 32.2 48.4#



#54
Dibenzofuran
Concen: 37.81 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion:168 Resp: 643364
Ion Ratio Lower Upper
168 100
139 39.3 24.2 36.2#
169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 73.55 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

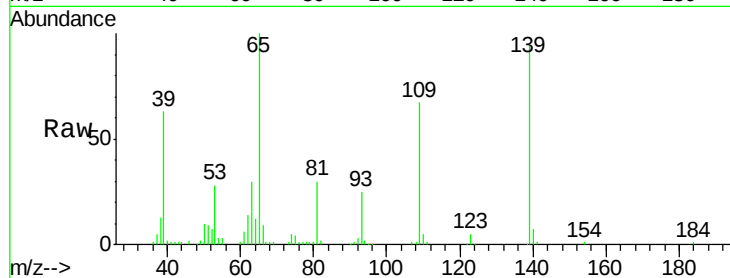
Tgt Ion:139 Resp: 192692

Ion Ratio Lower Upper

139 100

109 71.0 12.7 52.7#

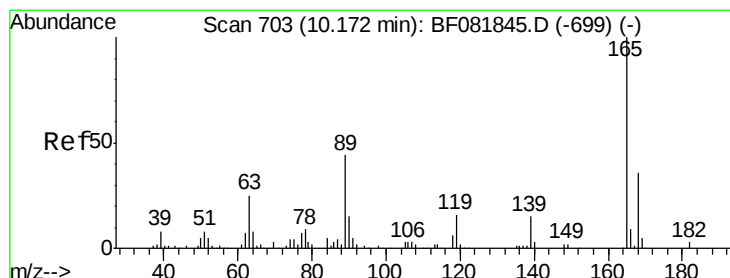
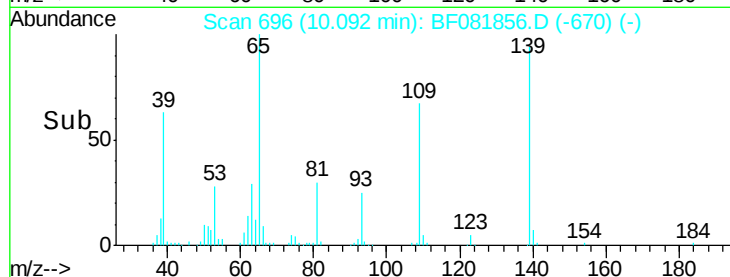
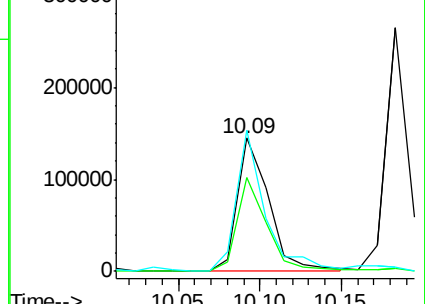
65 106.3 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.51 ng

RT: 10.17 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Tgt Ion:165 Resp: 169860

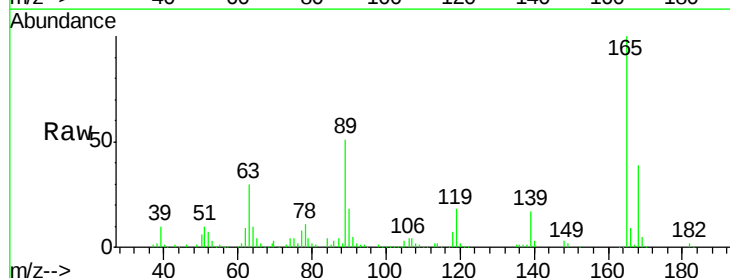
Ion Ratio Lower Upper

165 100

63 30.2 29.8 44.6

89 51.1 44.5 66.7

182 2.3 3.0 4.4#

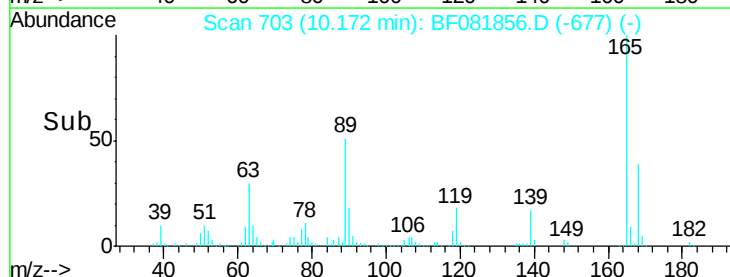
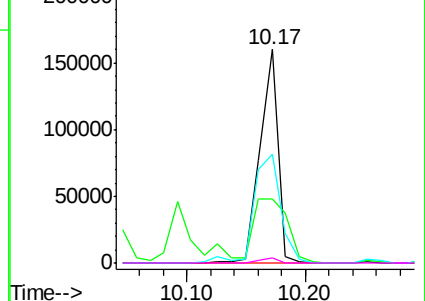


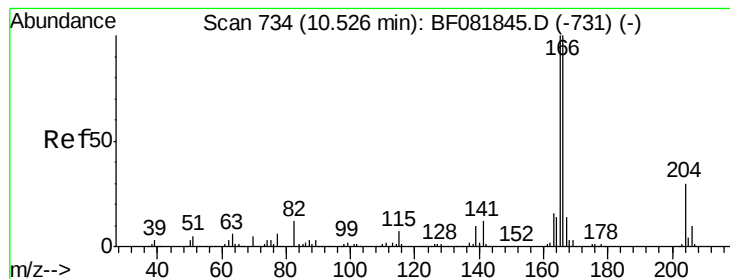
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.97 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

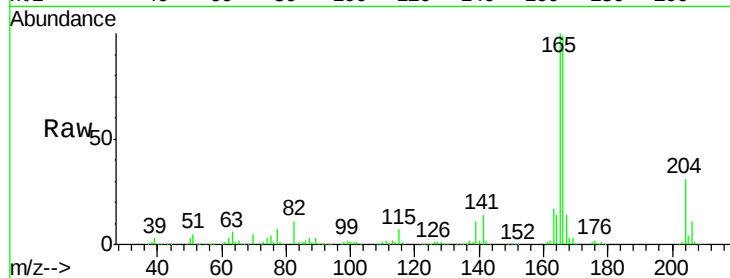
Tgt Ion:166 Resp: 489380

Ion Ratio Lower Upper

166 100

165 100.6 72.6 109.0

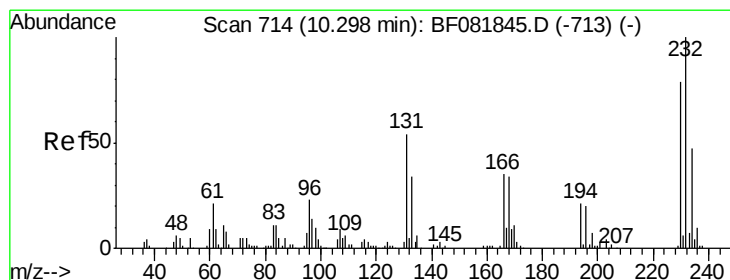
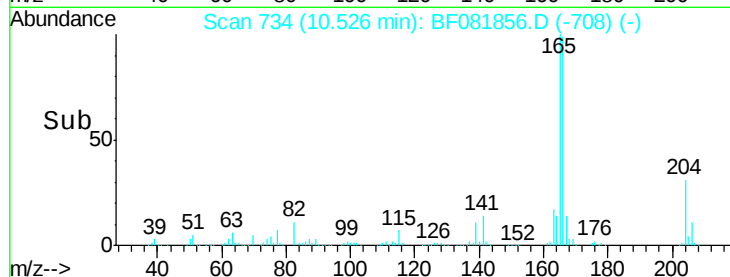
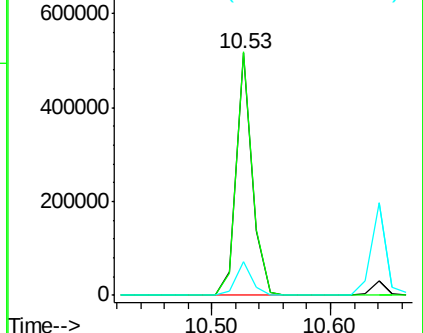
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.67 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Tgt Ion:232 Resp: 146020

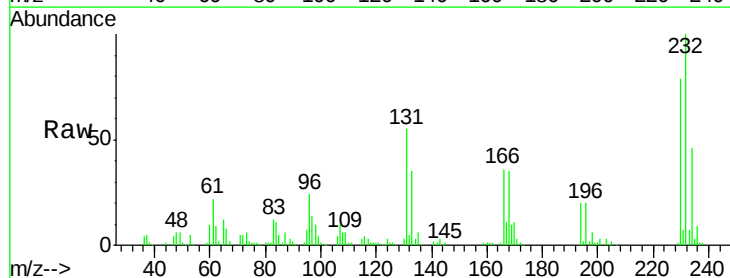
Ion Ratio Lower Upper

232 100

131 44.4 38.5 57.7

130 1.8 1.8 2.6

166 28.8 25.0 37.6

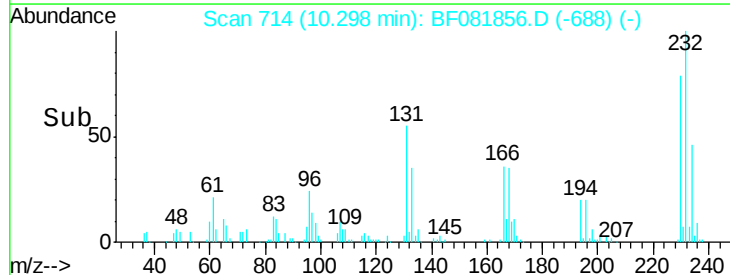
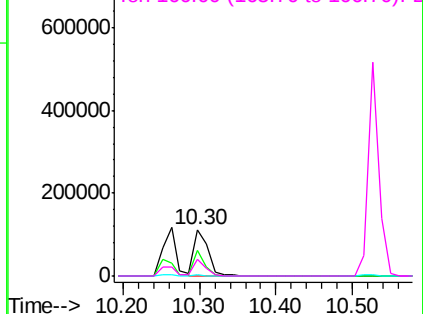


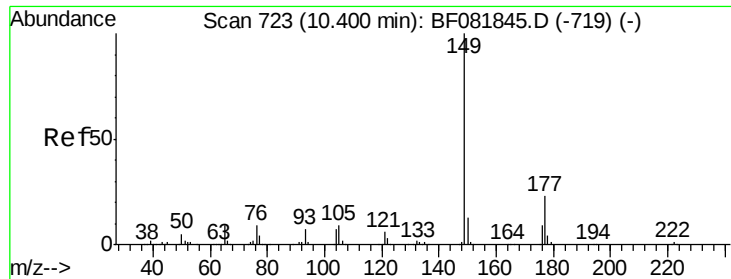
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

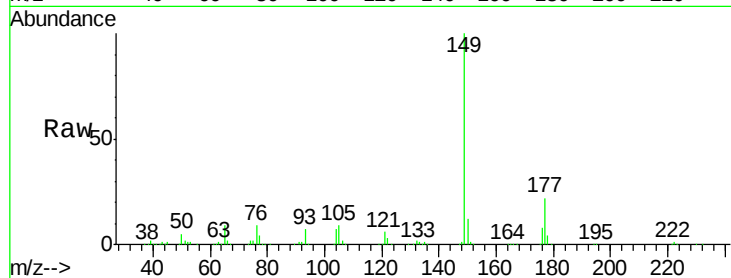




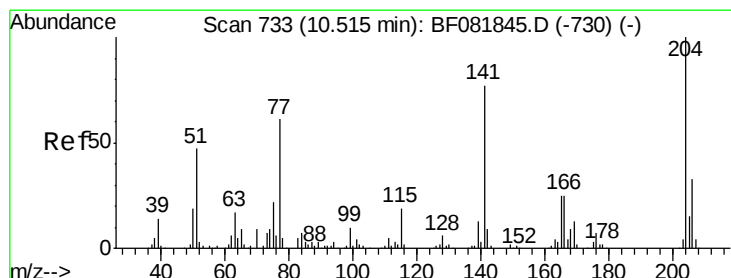
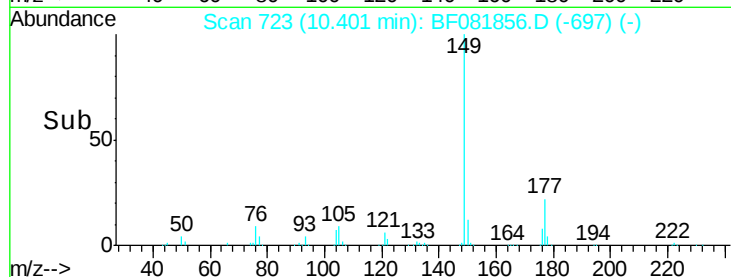
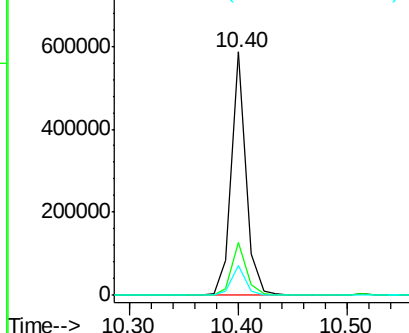
#59
Diethylphthalate
Concen: 40.38 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Instrument :
BNA_F
ClientSampleId :
PB85768BS

Tgt Ion:149 Resp: 544422
Ion Ratio Lower Upper
149 100
177 21.8 17.5 26.3
150 12.4 9.4 14.2

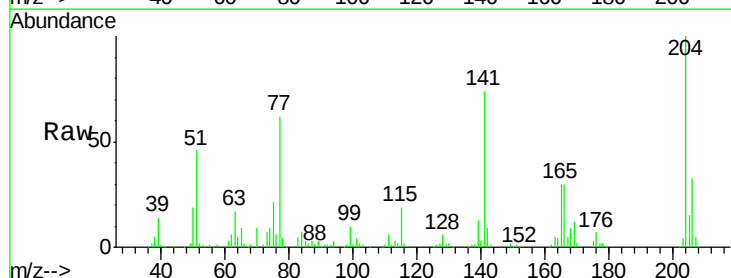


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

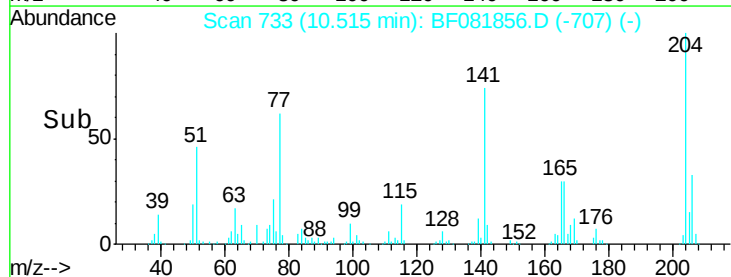
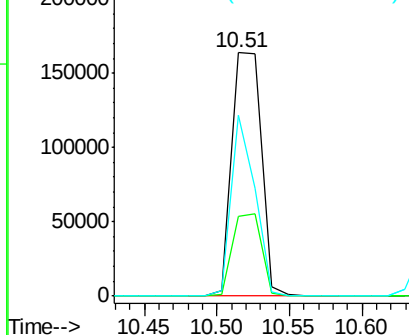


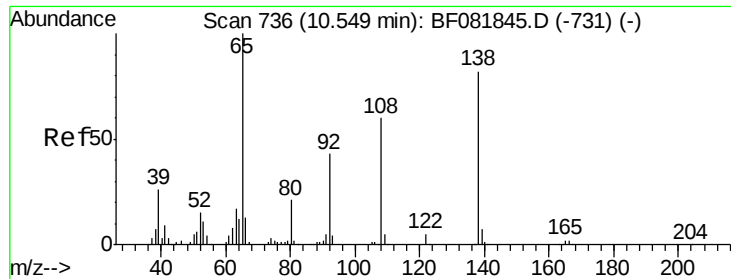
#60
4-Chlorophenyl-phenylether
Concen: 37.22 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion:204 Resp: 231901
Ion Ratio Lower Upper
204 100
206 32.8 24.8 37.2
141 74.3 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

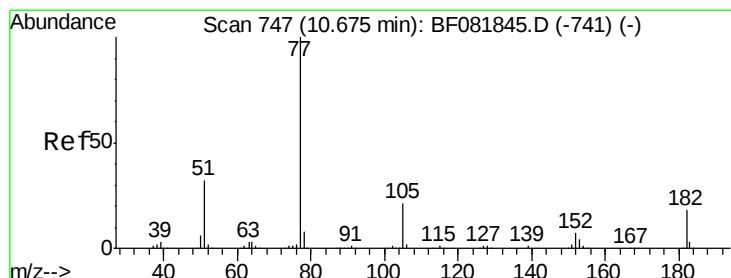
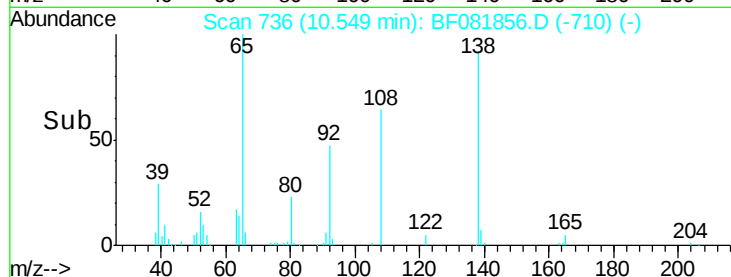
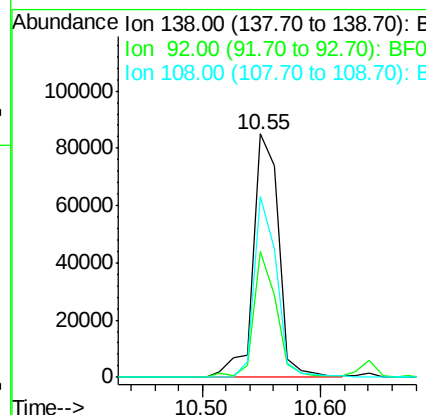
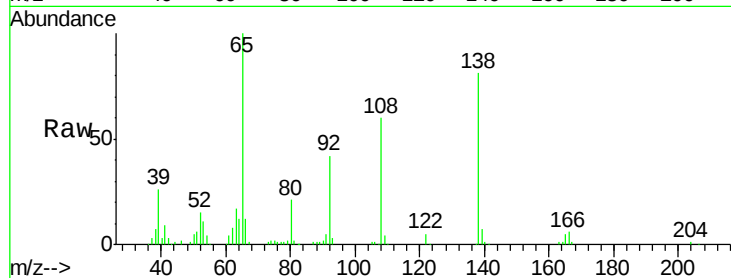




#61
4-Nitroaniline
Concen: 35.14 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

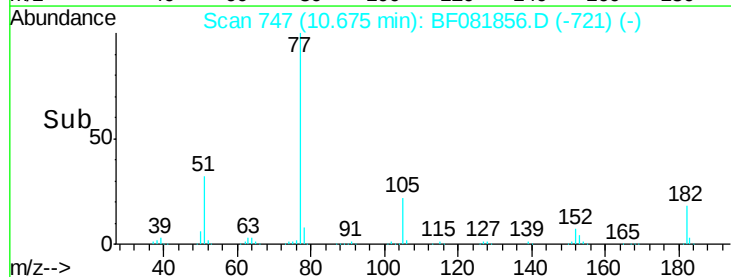
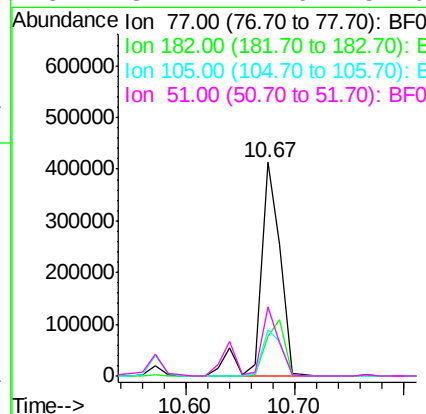
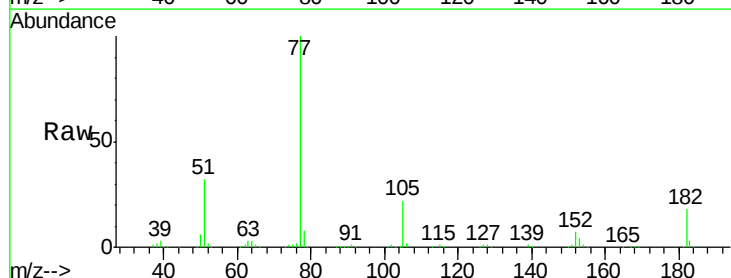
Instrument :
BNA_F
ClientSampleId :
PB85768BS

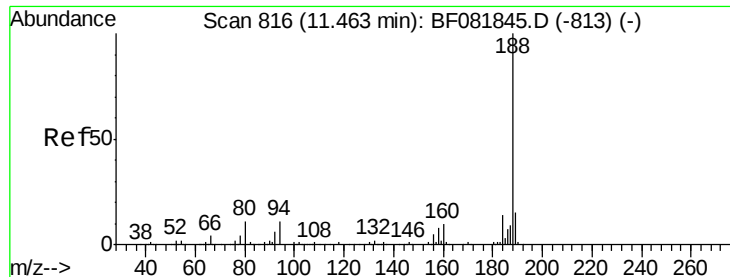
Tgt Ion:138 Resp: 127748
Ion Ratio Lower Upper
138 100
92 51.5 12.6 52.6
108 74.5 12.4 52.4#



#62
Azobenzene
Concen: 40.08 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion: 77 Resp: 527487
Ion Ratio Lower Upper
77 100
182 18.4 15.1 55.1
105 21.7 3.4 43.4
51 32.2 12.0 52.0

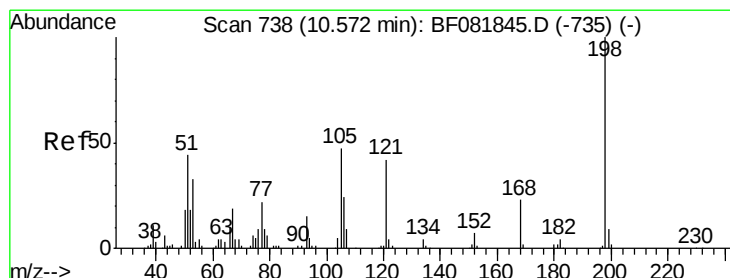
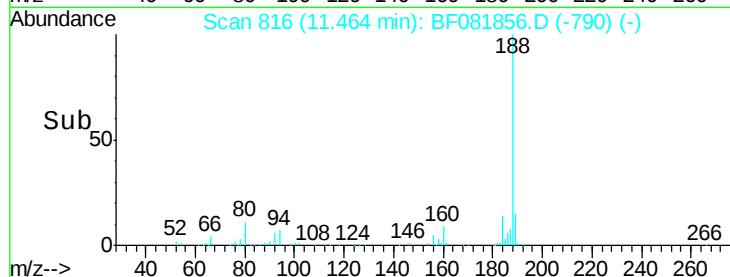
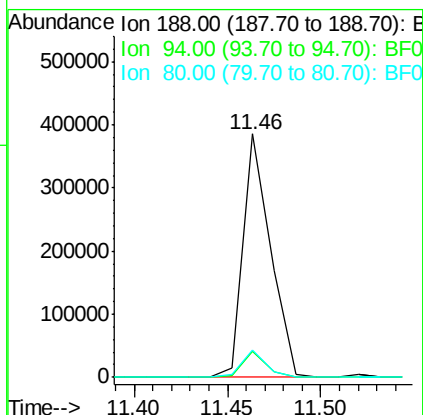
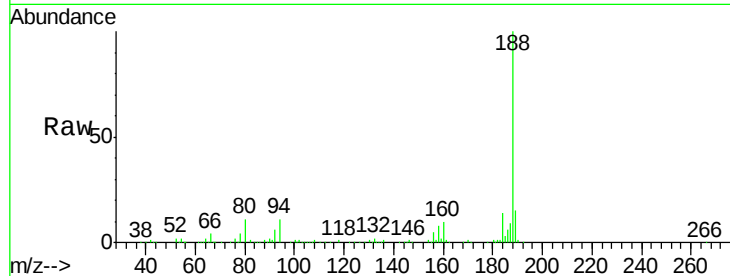




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

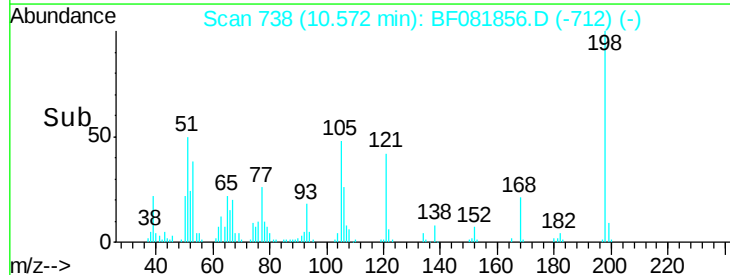
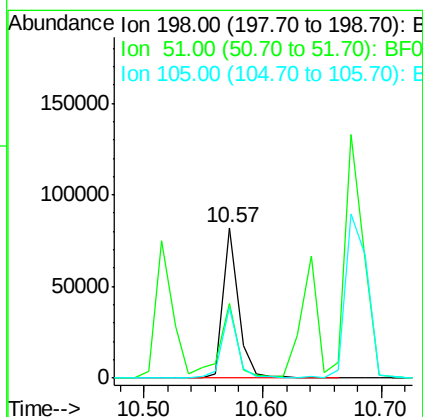
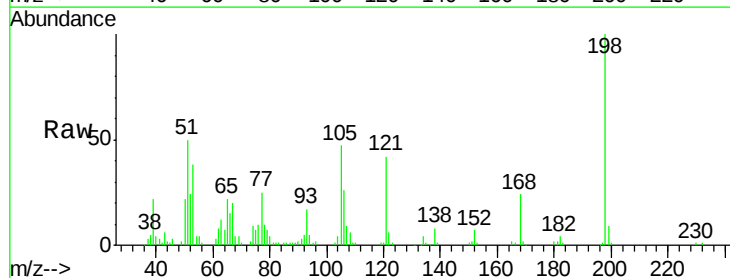
Instrument :
BNA_F
ClientSampleId :
PB85768BS

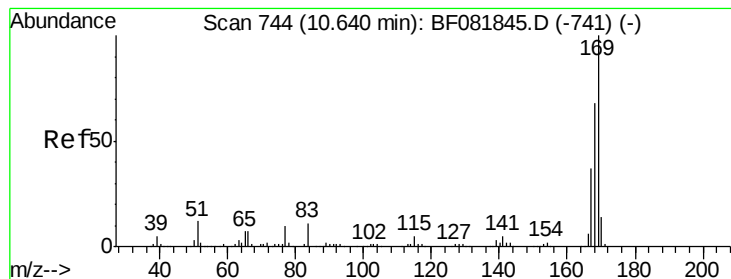
Tgt Ion:188 Resp: 395150
Ion Ratio Lower Upper
188 100
94 10.8 11.1 16.7#
80 11.1 11.0 16.4



#64
4,6-Dinitro-2-methylphenol
Concen: 42.27 ng
RT: 10.57 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion:198 Resp: 73618
Ion Ratio Lower Upper
198 100
51 49.9 39.6 79.6
105 47.3 28.5 68.5

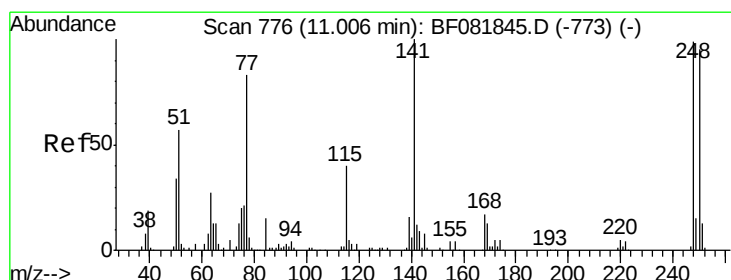
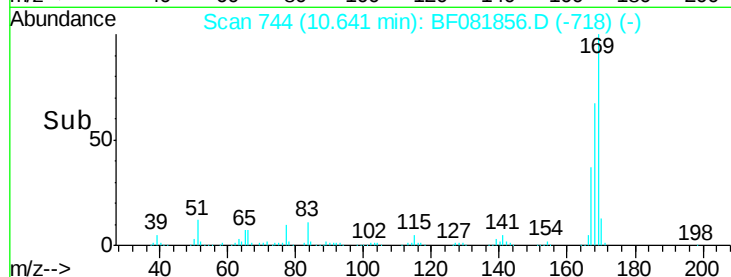
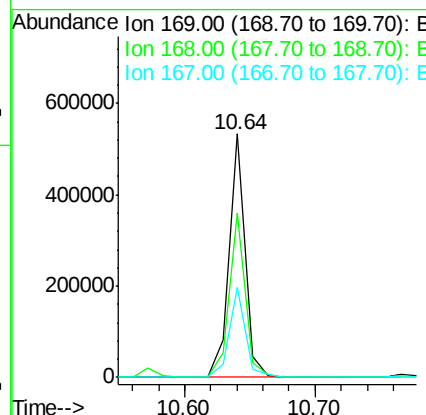
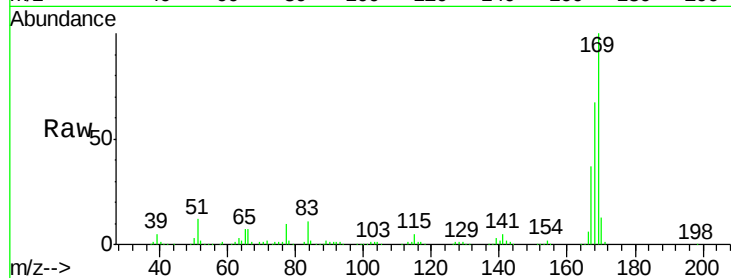




#65
 n-Nitrosodiphenylamine
 Concen: 38.28 ng
 RT: 10.64 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

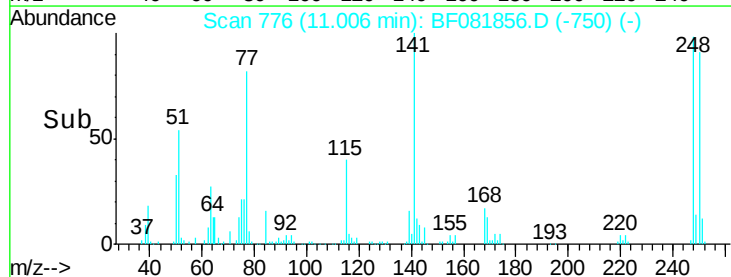
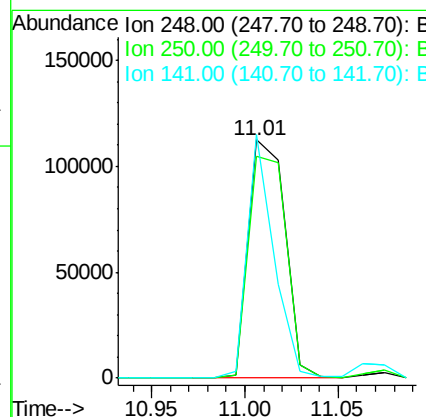
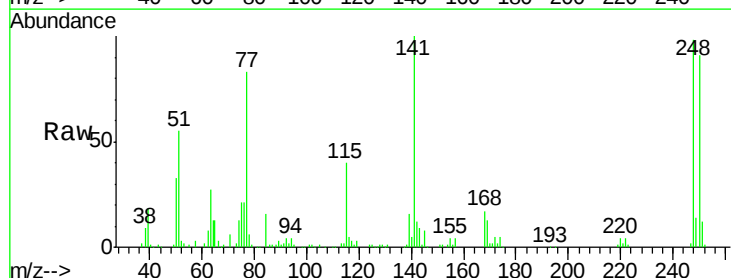
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

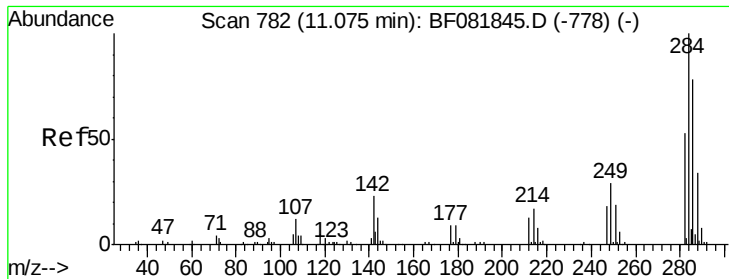
Tgt Ion:169 Resp: 457603
 Ion Ratio Lower Upper
 169 100
 168 67.4 48.9 73.3
 167 36.8 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 38.76 ng
 RT: 11.01 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:248 Resp: 154414
 Ion Ratio Lower Upper
 248 100
 250 93.5 78.5 117.7
 141 102.4 59.0 88.6#

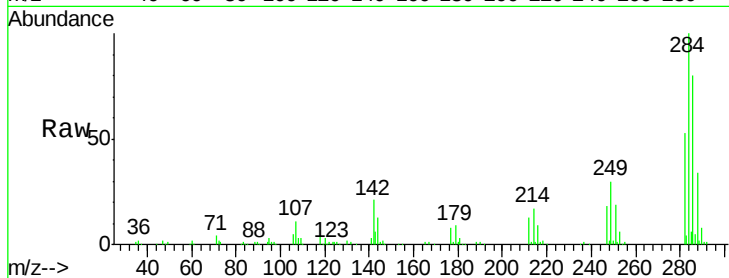




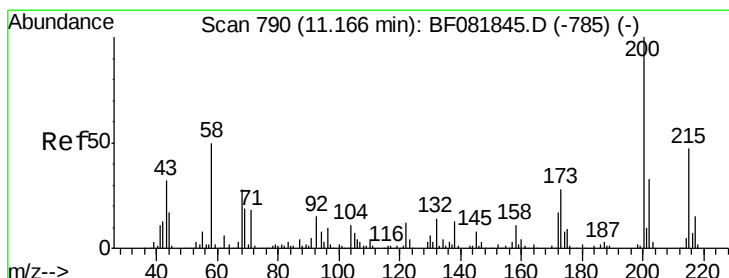
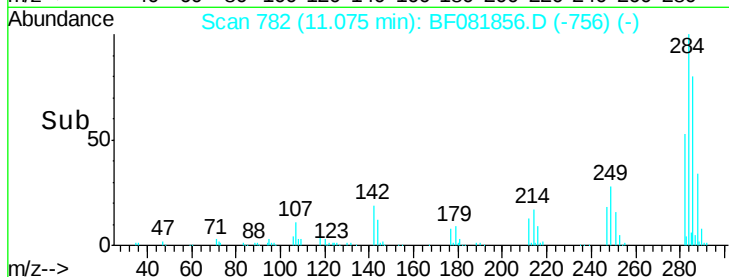
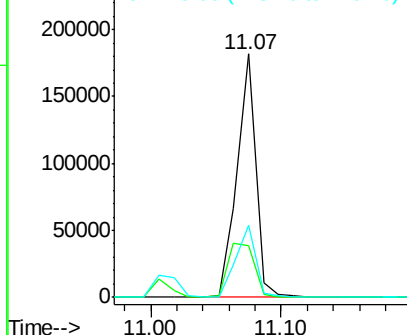
#67
Hexachlorobenzene
Concen: 40.26 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Instrument :
BNA_F
ClientSampleId :
PB85768BS

Tgt Ion:284 Resp: 181024
Ion Ratio Lower Upper
284 100
142 21.3 29.5 44.3#
249 29.7 19.5 29.3#

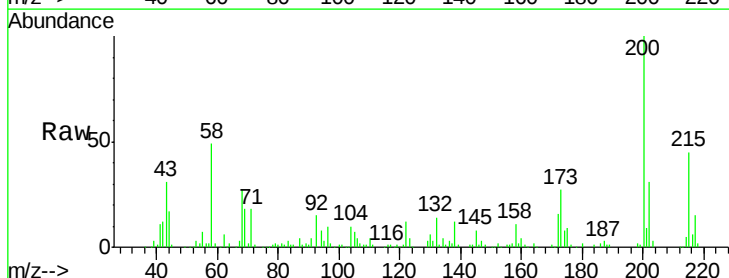


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

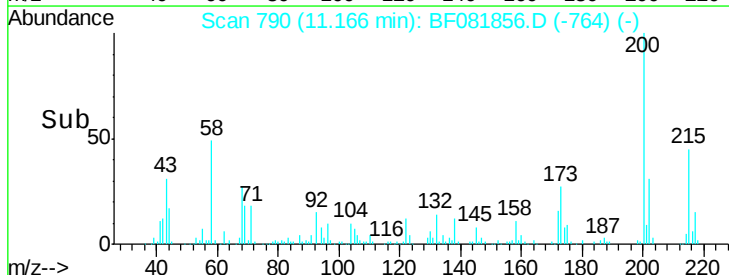
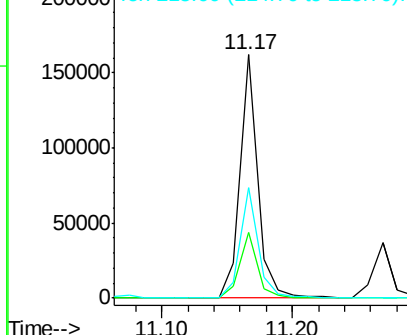


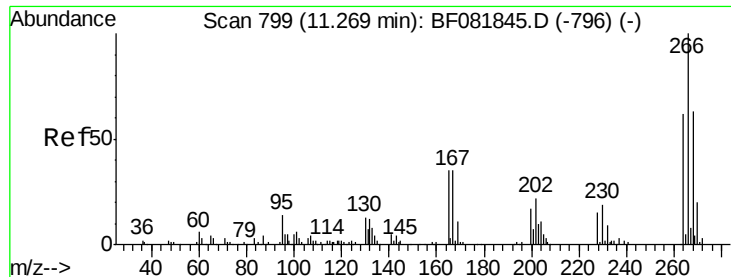
#68
Atrazine
Concen: 41.31 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion:200 Resp: 153227
Ion Ratio Lower Upper
200 100
173 26.9 13.2 53.2
215 45.2 41.8 81.8



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

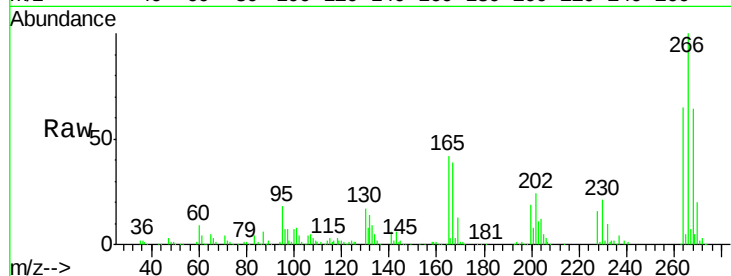




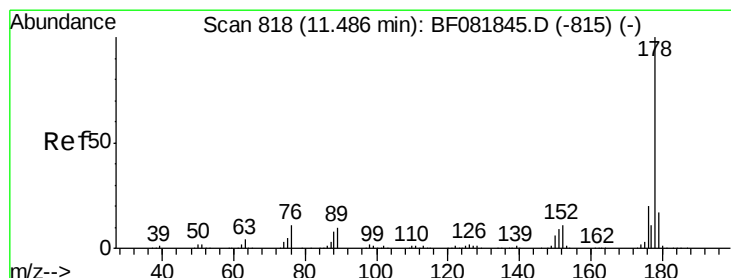
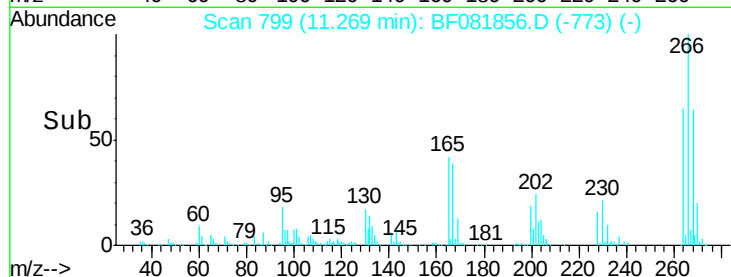
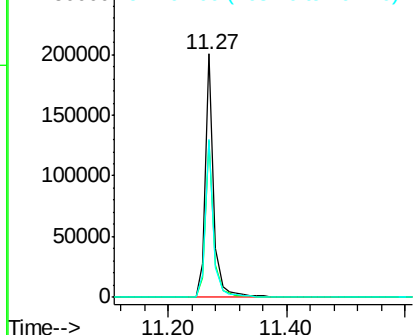
#69
 Pentachlorophenol
 Concen: 79.00 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion:266 Resp: 202409
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 65.0 50.2 75.2

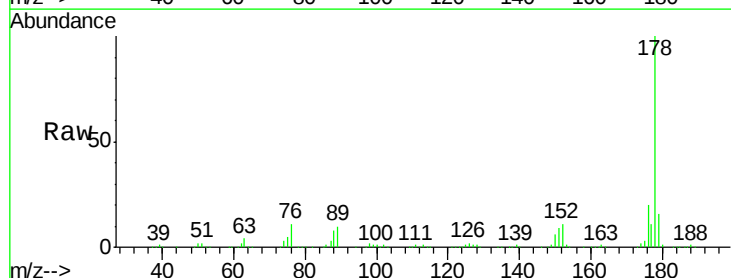


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

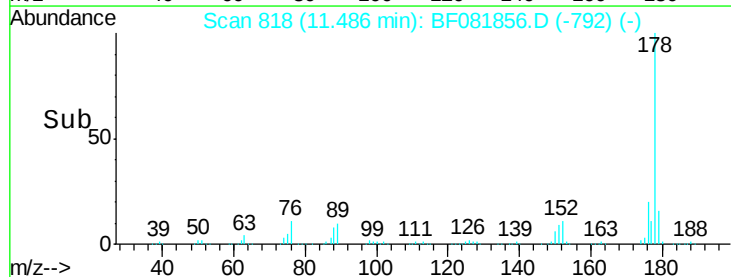
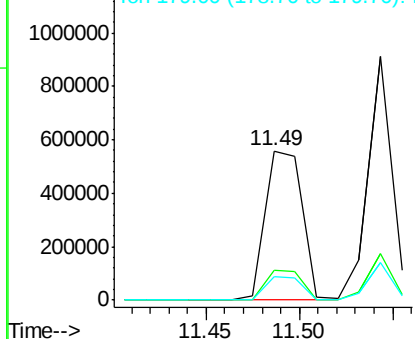


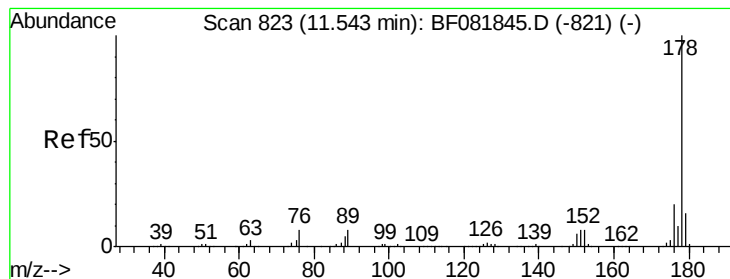
#70
 Phenanthrene
 Concen: 40.55 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion:178 Resp: 774314
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 179 16.0 12.2 18.2



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





#71

Anthracene

Concen: 40.76 ng

RT: 11.54 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

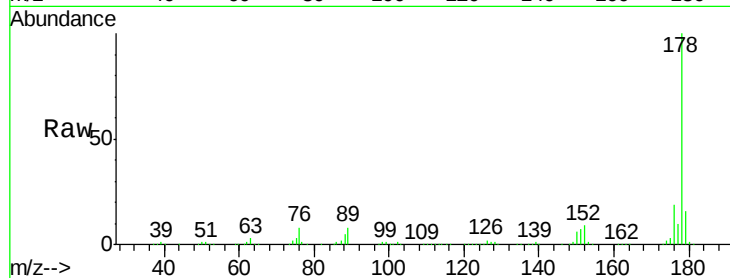
Tgt Ion:178 Resp: 818630

Ion Ratio Lower Upper

178 100

176 19.2 14.1 21.1

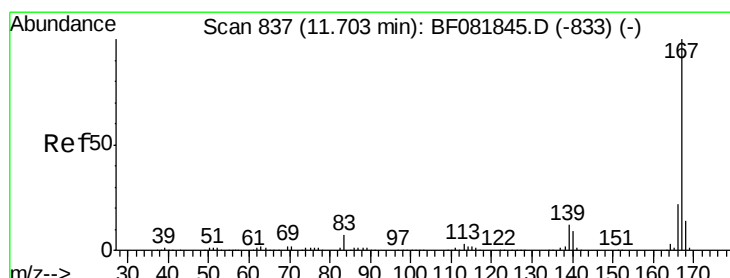
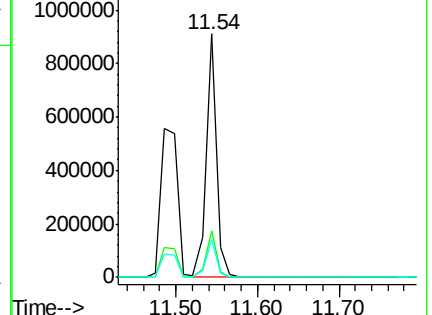
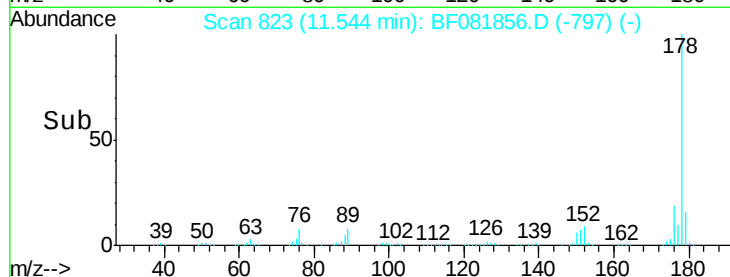
179 15.6 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.31 ng

RT: 11.70 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

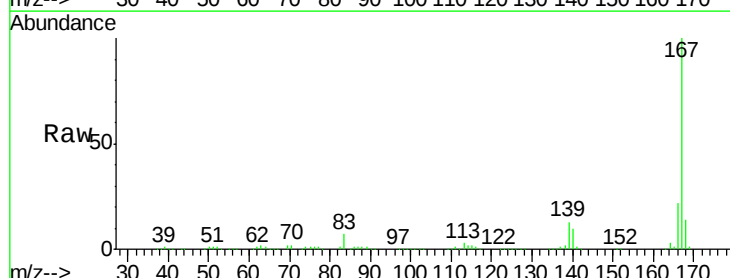
Tgt Ion:167 Resp: 732676

Ion Ratio Lower Upper

167 100

166 21.9 15.7 23.5

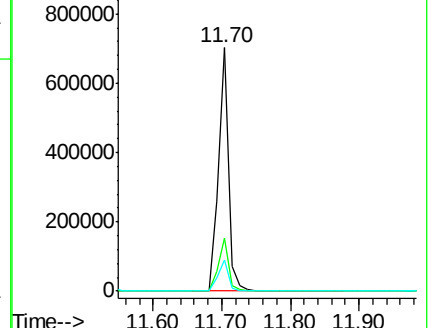
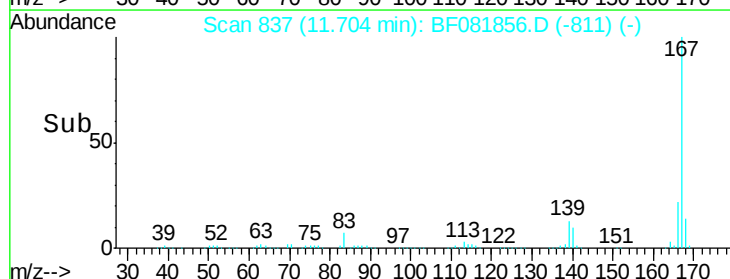
139 12.7 9.5 14.3

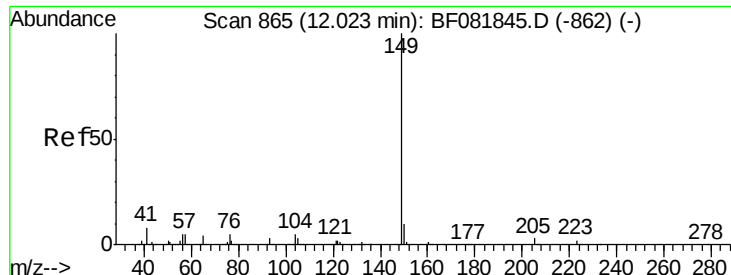


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.27 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

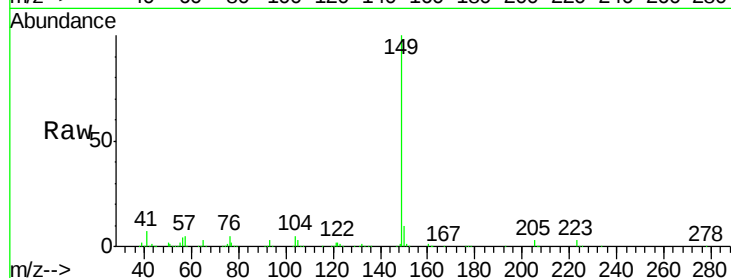
Tgt Ion:149 Resp: 784044

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

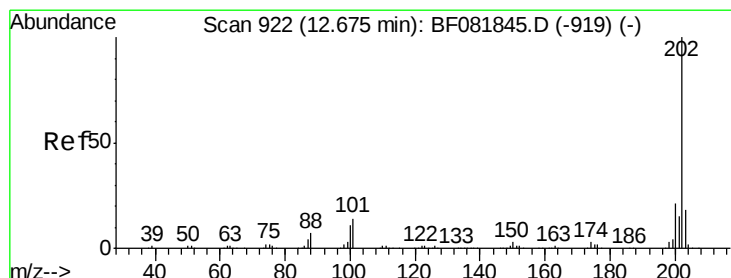
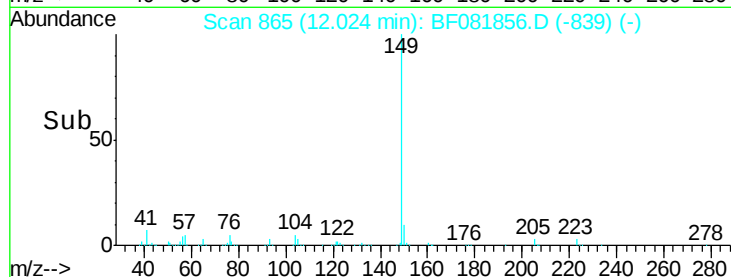
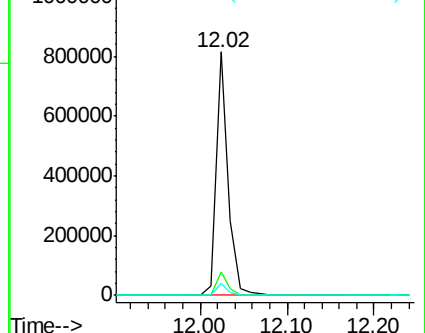
104 5.0 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.78 ng

RT: 12.68 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

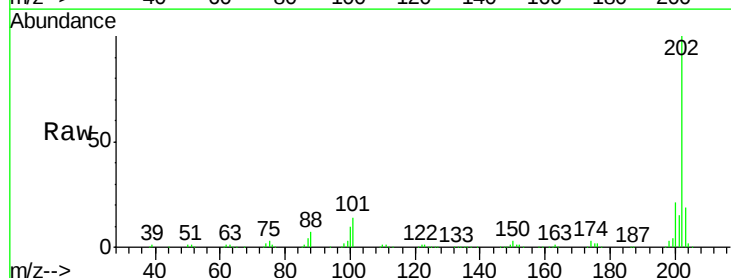
Tgt Ion:202 Resp: 820891

Ion Ratio Lower Upper

202 100

101 13.6 0.0 38.3

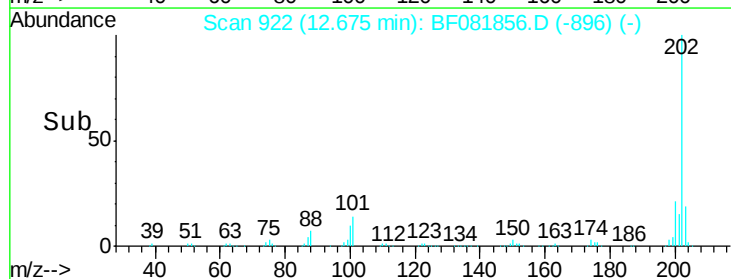
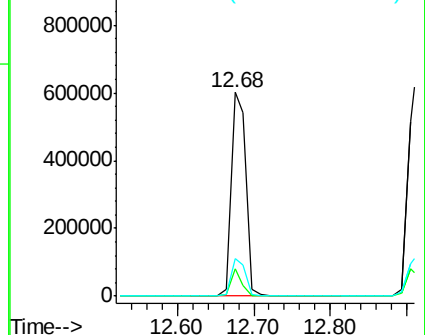
203 18.5 0.0 37.3

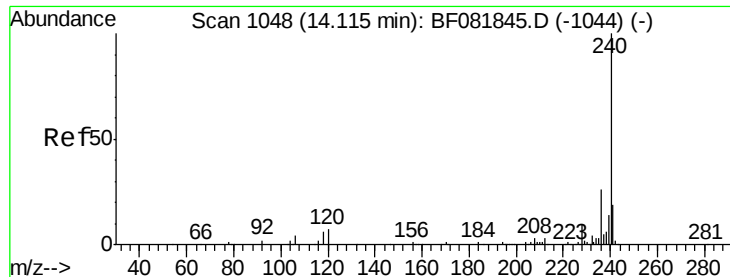


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

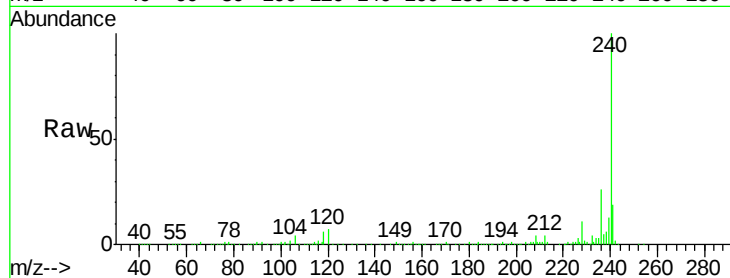
Tgt Ion:240 Resp: 386232

Ion Ratio Lower Upper

240 100

120 6.6 16.2 24.2#

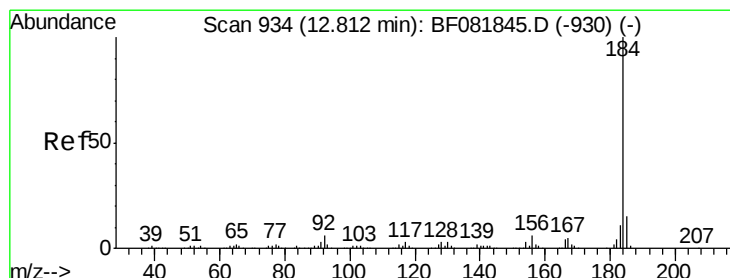
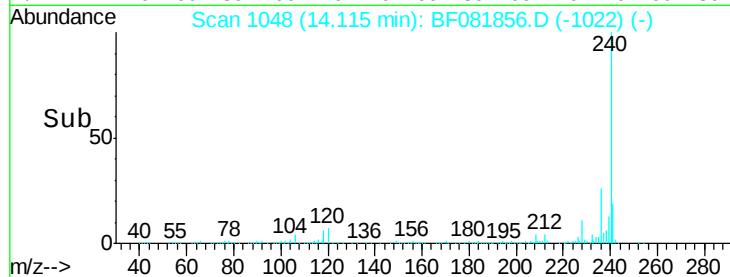
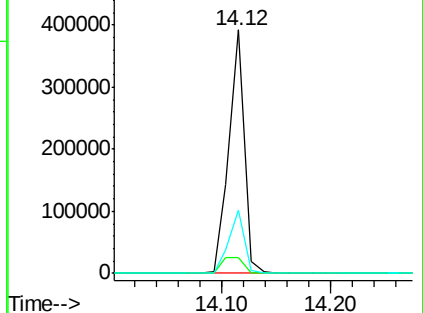
236 26.0 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.45 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

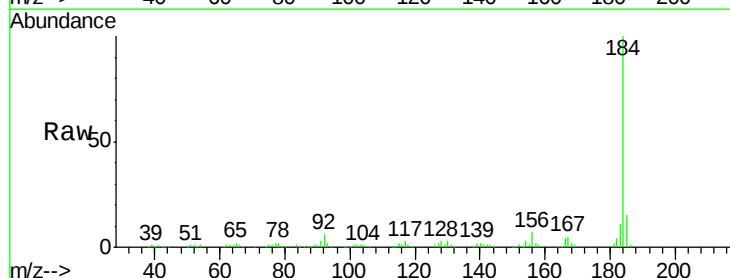
Tgt Ion:184 Resp: 249576

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

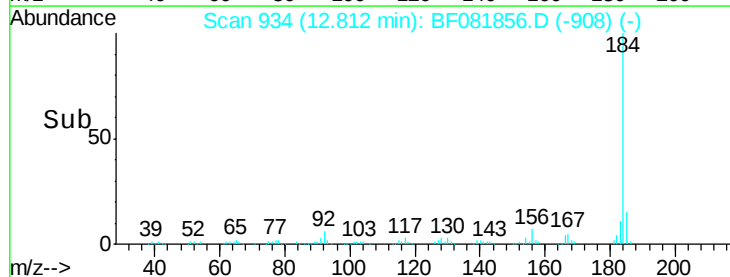
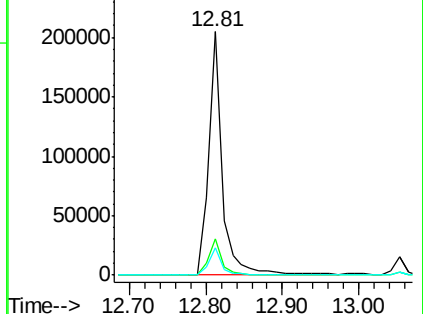
183 11.2 7.6 11.4

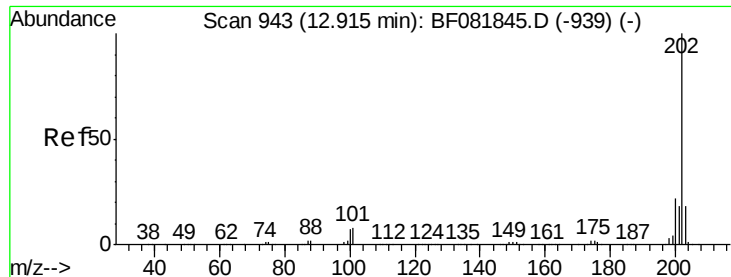


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

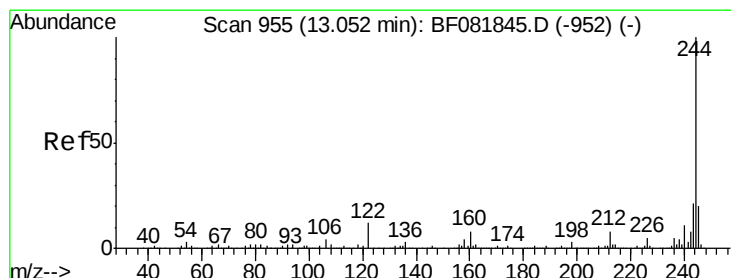
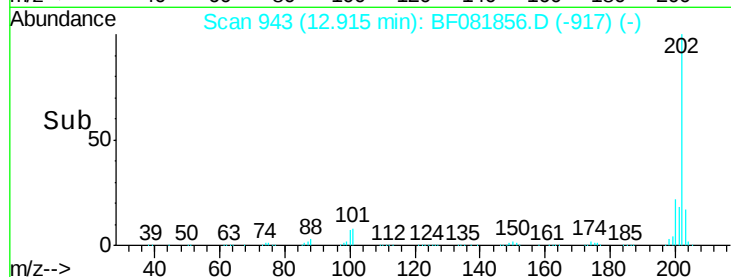
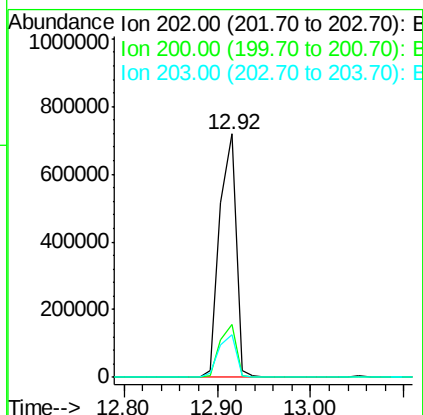
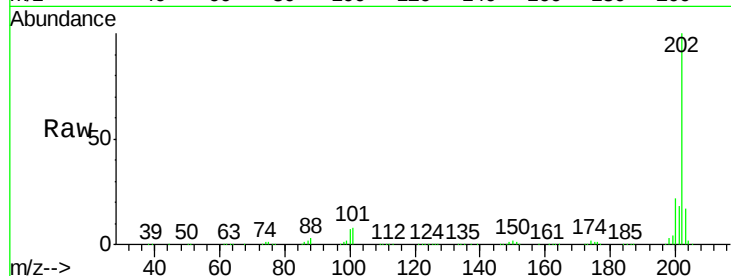




#77
 Pyrene
 Concen: 38.28 ng
 RT: 12.92 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

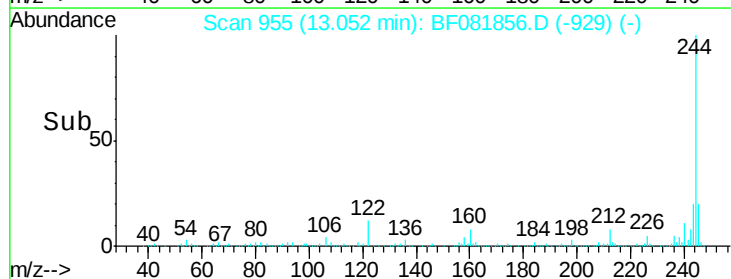
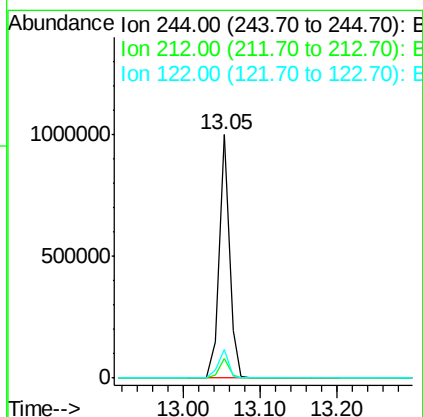
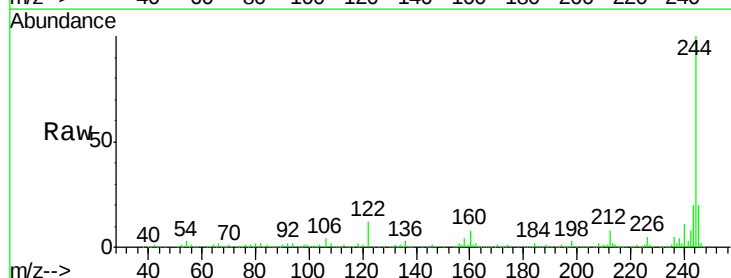
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.4	14.1	21.1



#78
 Terphenyl-d14
 Concen: 75.66 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	11.5	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 39.76 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

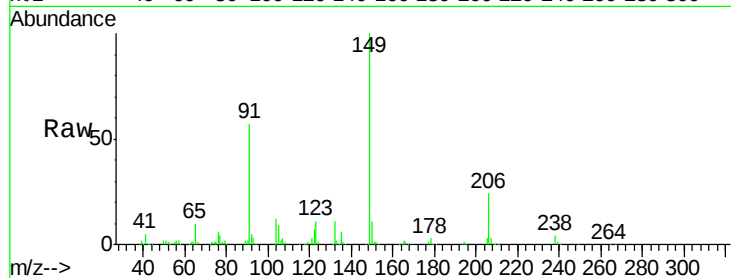
Tgt Ion:149 Resp: 345205

Ion Ratio Lower Upper

149 100

91 57.1 48.6 72.8

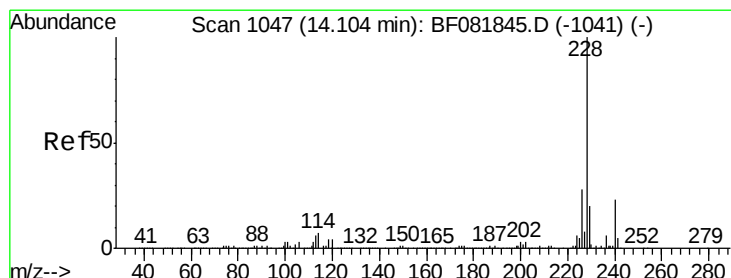
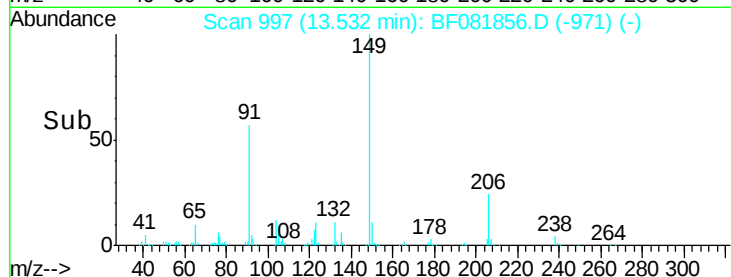
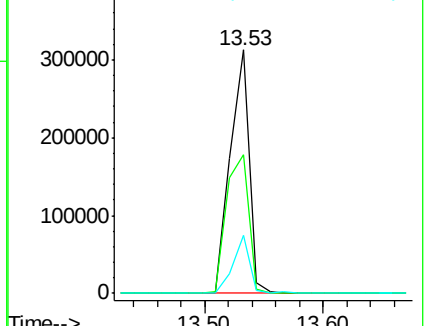
206 23.6 14.9 22.3#



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: 37.08 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

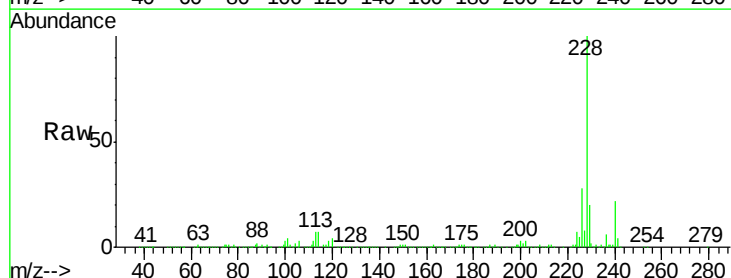
Tgt Ion:228 Resp: 771234

Ion Ratio Lower Upper

228 100

226 27.9 20.0 30.0

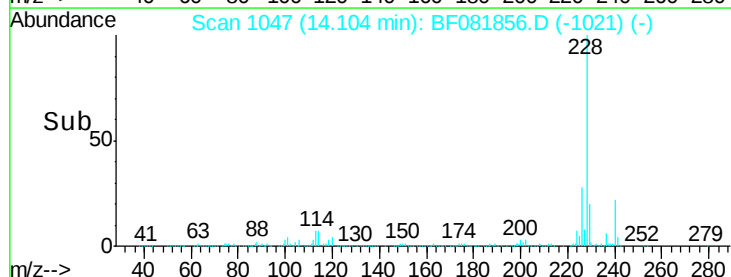
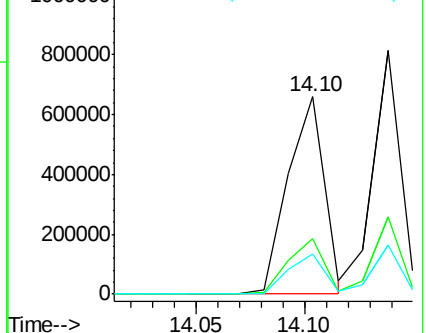
229 20.1 15.4 23.2

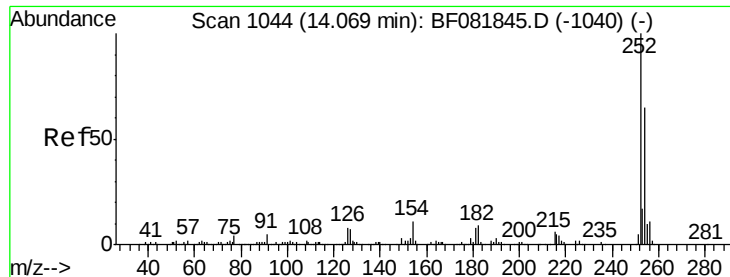


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

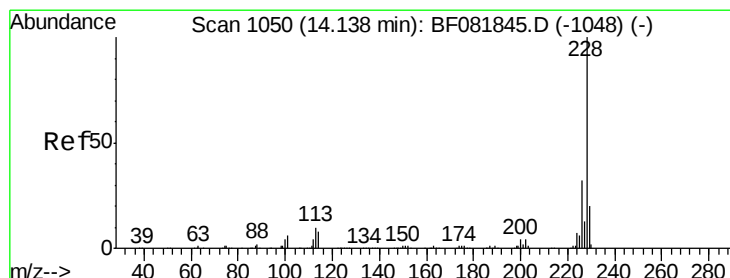
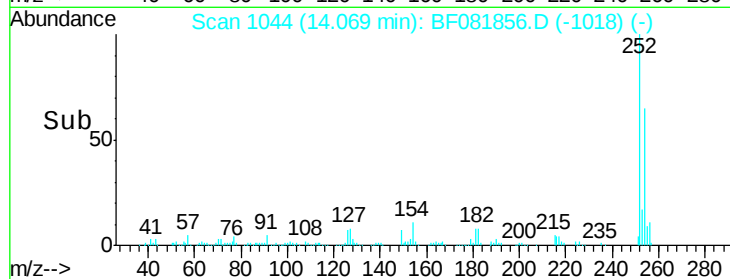
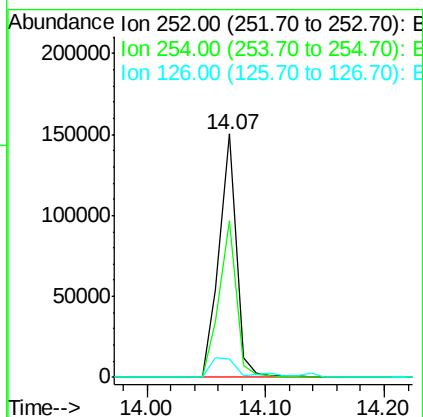
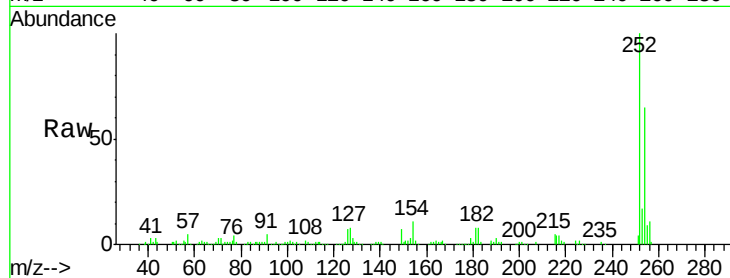




#81
 3,3'-Dichlorobenzidine
 Concen: 21.73 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

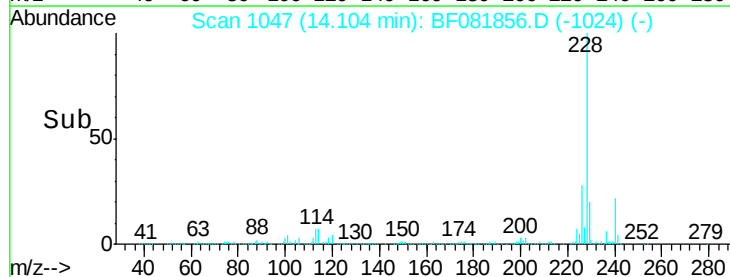
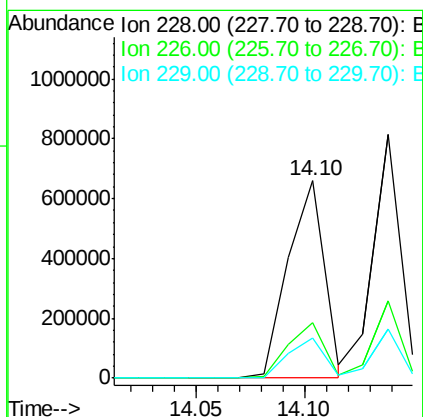
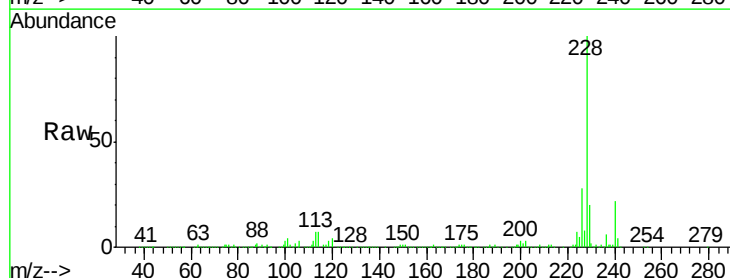
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	7.4	16.4	24.6



#82
 Chrysene
 Concen: 40.39 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.0	31.4
229	20.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.88 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

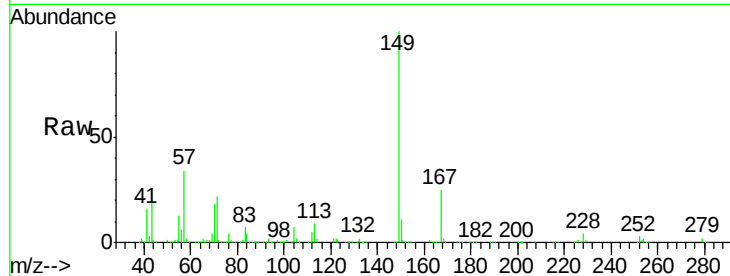
Tgt Ion:149 Resp: 445271

Ion Ratio Lower Upper

149 100

167 24.8 24.2 36.2

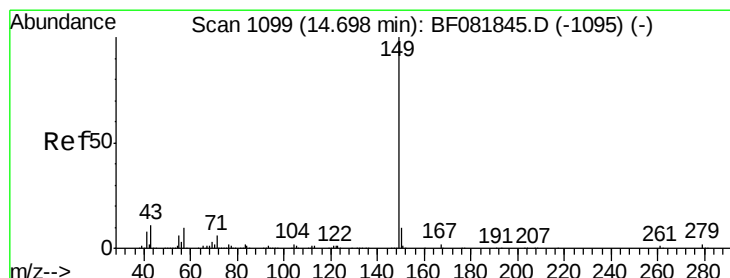
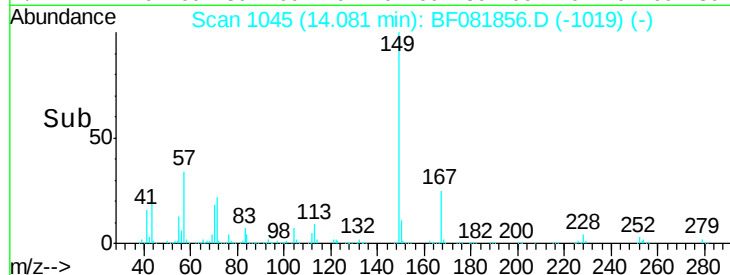
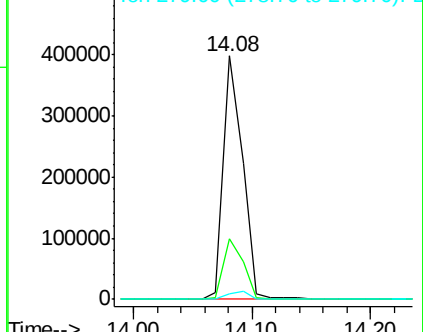
279 2.3 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.23 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

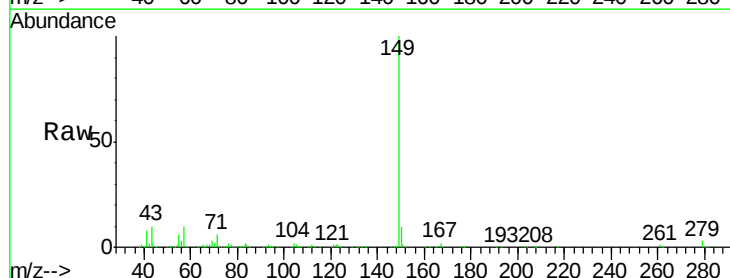
Tgt Ion:149 Resp: 730682

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

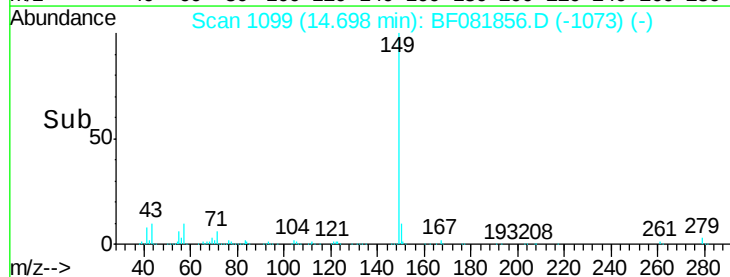
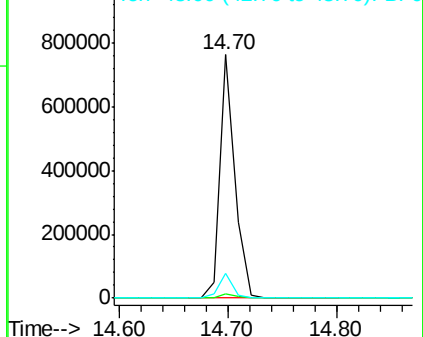
43 9.8 10.2 15.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

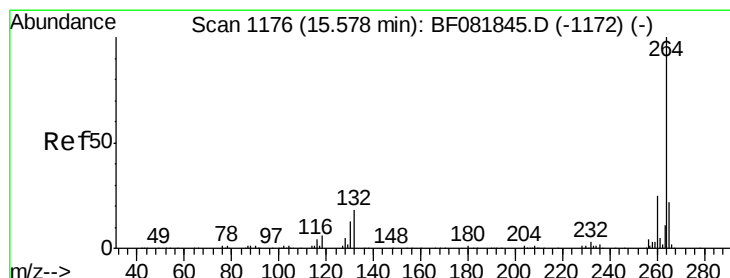
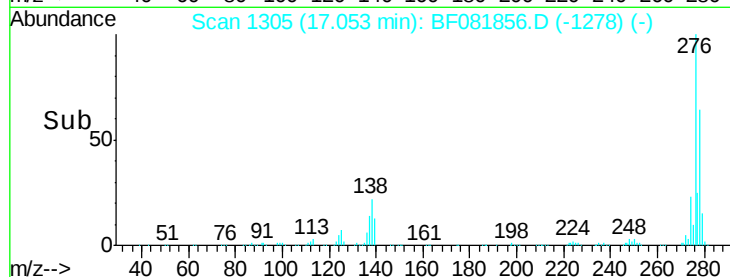
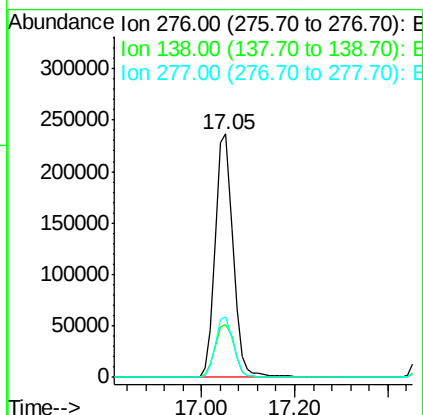
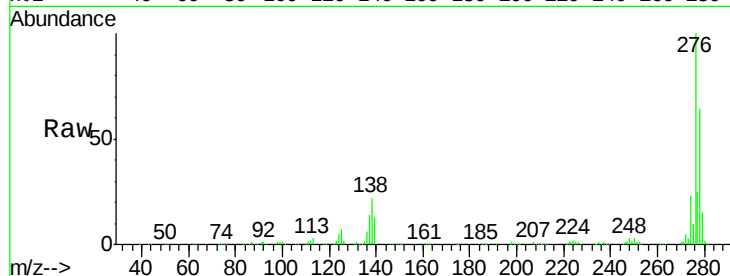




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.73 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

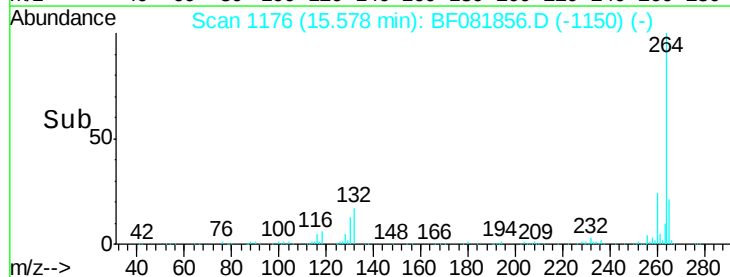
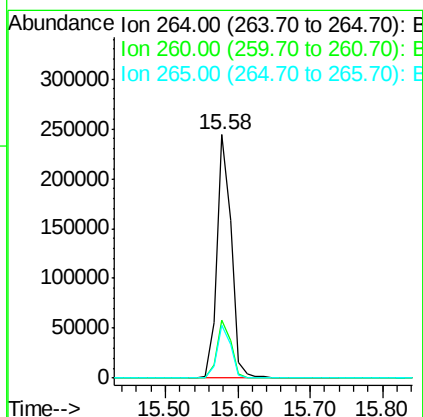
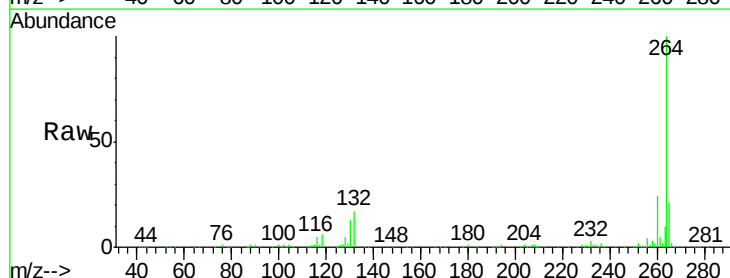
Instrument :
 BNA_F
 ClientSampleId :
 PB85768BS

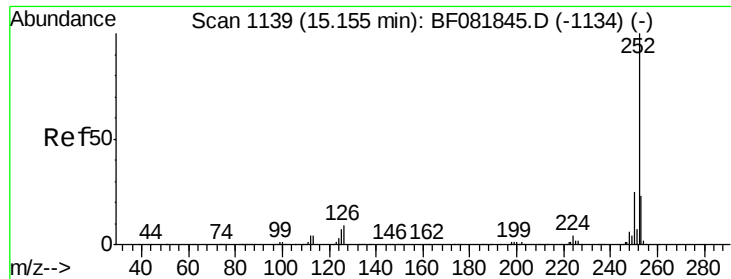
Tgt Ion: 276 Resp: 630064
 Ion Ratio Lower Upper
 276 100
 138 23.5 25.7 38.5#
 277 24.9 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081856.D
 Acq: 28 Sep 2015 21:47

Tgt Ion: 264 Resp: 334410
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 39.65 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS

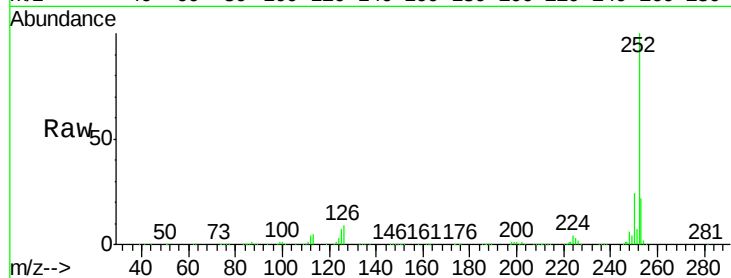
Tgt Ion:252 Resp: 756978

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

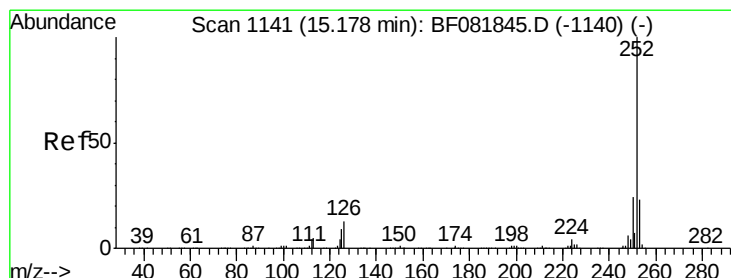
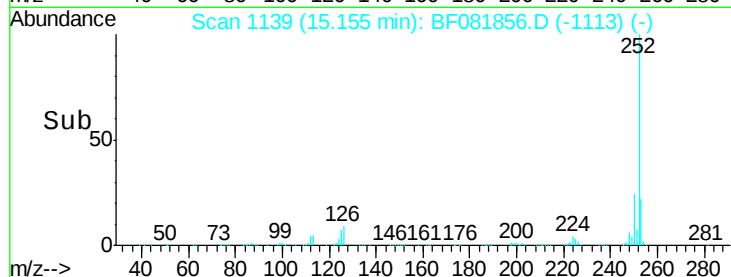
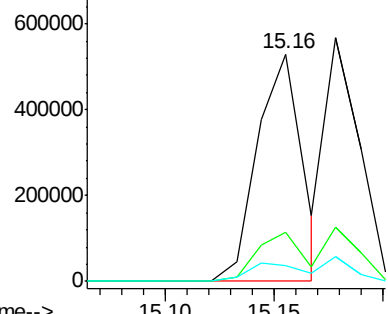
125 7.0 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.26 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081856.D

Acq: 28 Sep 2015 21:47

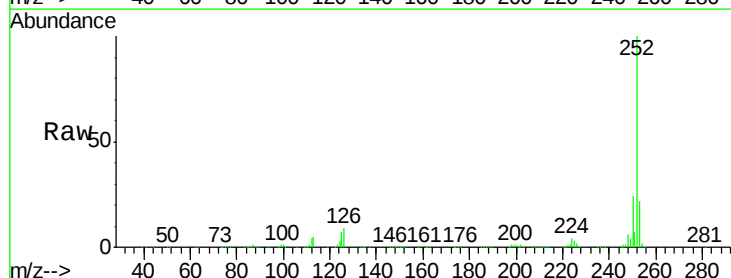
Tgt Ion:252 Resp: 756978

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

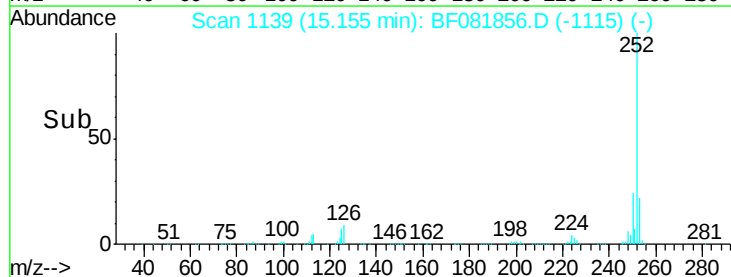
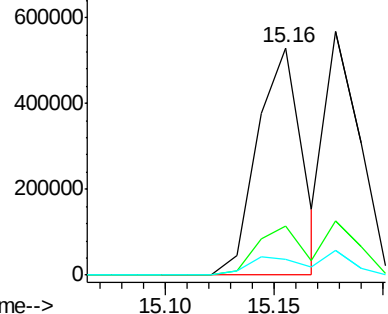
125 7.0 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

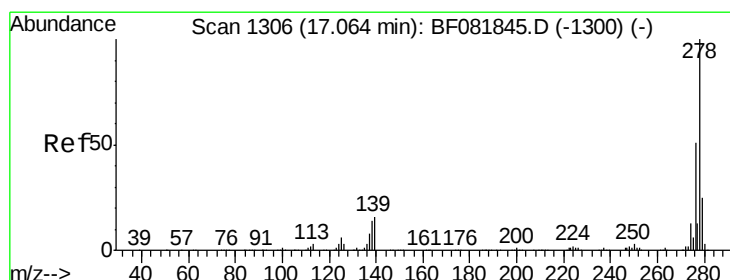
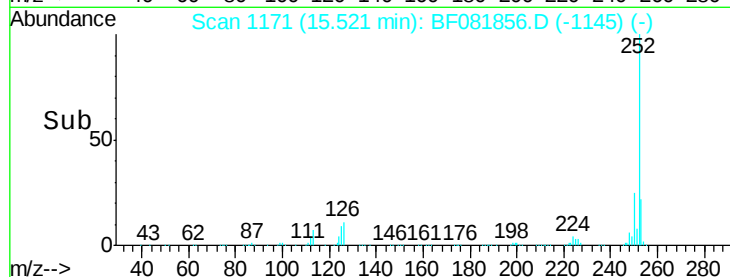
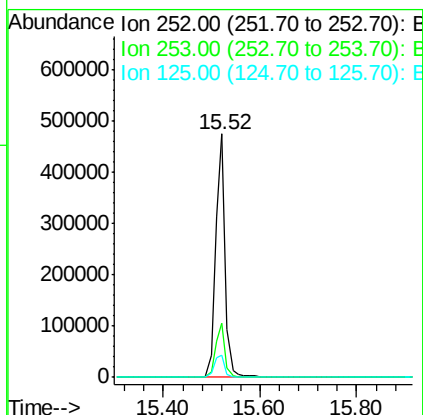
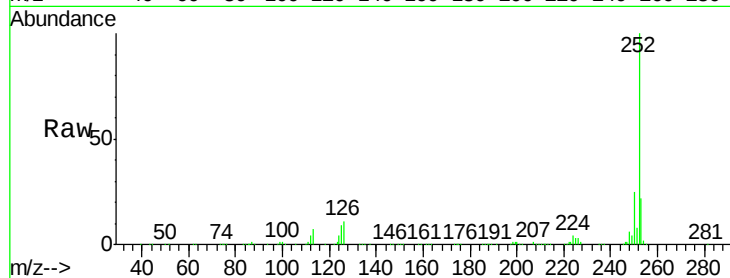




#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

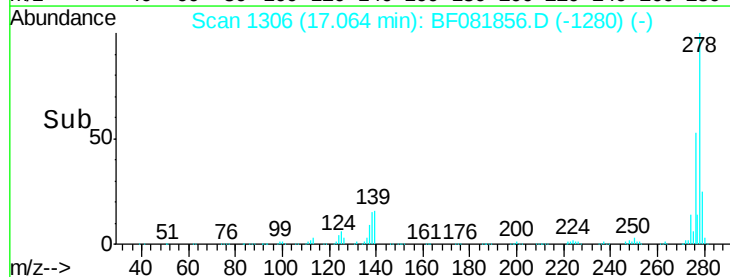
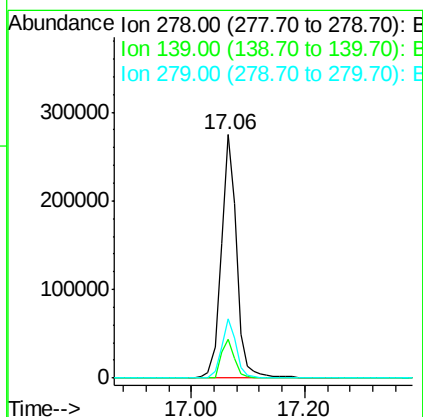
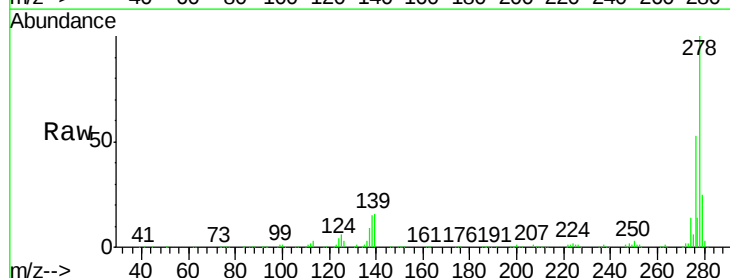
Instrument :
BNA_F
ClientSampleId :
PB85768BS

Tgt Ion: 252 Resp: 661856
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 9.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 37.46 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081856.D
Acq: 28 Sep 2015 21:47

Tgt Ion: 278 Resp: 520501
Ion Ratio Lower Upper
278 100
139 15.8 26.3 39.5#
279 24.6 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 37.06 ng

RT: 17.49 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF081856.D

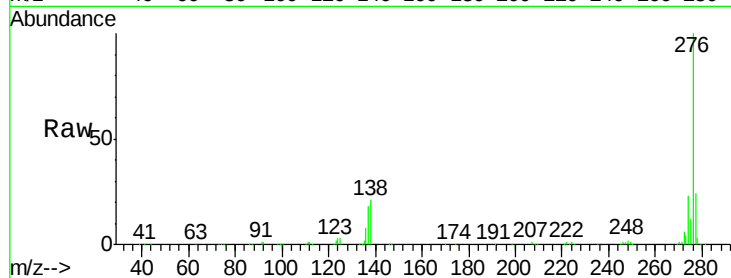
Acq: 28 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

PB85768BS



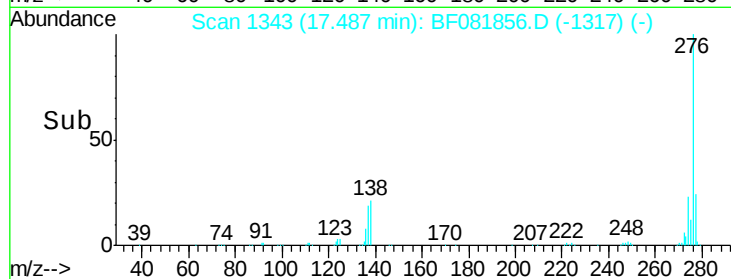
Tgt Ion: 276 Resp: 527790

Ion Ratio Lower Upper

276 100

277 23.6 17.8 26.6

138 21.2 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

