

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084091.D
 Acq On : 24 Dec 2015 20:57
 Operator : UM/SJ
 Sample : PB87543BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Quant Time: Dec 25 01:43:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52649	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	213388	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	101088	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	190530	20.00	ng	0.00
75) Chrysene-d12	13.96	240	136996	20.00	ng	0.00
86) Perylene-d12	15.38	264	109308	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	368188	118.57	ng	0.01
7) Phenol-d6	6.45	99	411625	107.12	ng	0.00
23) Nitrobenzene-d5	7.37	82	261784	71.81	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	119917	111.24	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	524939	71.05	ng	0.00
78) Terphenyl-d14	12.90	244	471124	62.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	38869	30.54	ng	99
3) Pyridine	3.13	79	106439	34.24	ng	97
4) n-Nitrosodimethylamine	3.07	42	51302	37.46	ng	94
6) Aniline	6.46	93	147336	30.33	ng	# 63
8) 2-Chlorophenol	6.59	128	144353	37.43	ng	94
9) Benzaldehyde	6.35	77	39069	19.01	ng	92
10) Phenol	6.46	94	140560	31.98	ng	# 60
11) bis(2-Chloroethyl)ether	6.53	93	109234	34.47	ng	93
12) 1,3-Dichlorobenzene	6.74	146	147472	35.03	ng	98
13) 1,4-Dichlorobenzene	6.74	146	147472	34.81	ng	96
14) 1,2-Dichlorobenzene	6.97	146	137019	35.10	ng	99
15) Benzyl Alcohol	6.96	79	113529	39.01	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	104846	33.87	ng	62
17) 2-Methylphenol	7.07	107	101669	34.33	ng	# 91
18) Hexachloroethane	7.31	117	54454	35.22	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	86885	36.71	ng	# 89
20) 3+4-Methylphenols	7.23	107	143096	37.88	ng	# 49
22) Acetophenone	7.22	105	183748	34.46	ng	# 91
24) Nitrobenzene	7.39	77	128714	33.25	ng	# 84
25) Isophorone	7.63	82	236699	35.10	ng	# 94
26) 2-Nitrophenol	7.70	139	71683	36.19	ng	# 79
27) 2,4-Dimethylphenol	7.76	122	127222	38.70	ng	93
28) bis(2-Chloroethoxy)methane	7.84	93	137710	35.03	ng	100
29) 2,4-Dichlorophenol	7.95	162	110506	36.19	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	115881	34.63	ng	96
31) Naphthalene	8.11	128	395572	34.84	ng	98
32) Benzoic acid	7.89	122	57095	36.22	ng	96
33) 4-Chloroaniline	8.16	127	114409	25.33	ng	98
34) Hexachlorobutadiene	8.22	225	63795	33.43	ng	99
35) Caprolactam	8.53	113	22232	26.25	ng	88
36) 4-Chloro-3-methylphenol	8.66	107	131940	38.43	ng	98
37) 2-Methylnaphthalene	8.80	142	254453	35.80	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	115755	36.32	ng	98
40) Hexachlorocyclopentadiene	8.96	237	70136	76.79	ng	97

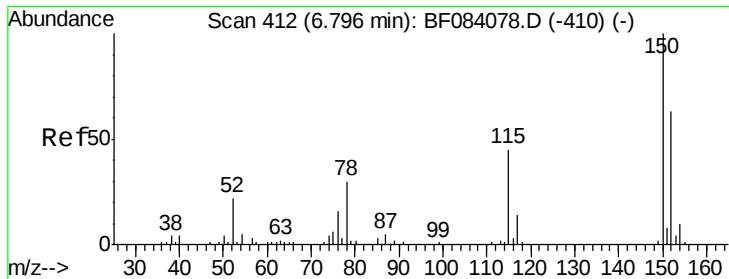
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084091.D
 Acq On : 24 Dec 2015 20:57
 Operator : UM/SJ
 Sample : PB87543BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Quant Time: Dec 25 01:43:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	69239	33.32	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	73236	35.21	ng	# 75
45) 1,1'-Biphenyl	9.26	154	337085	36.91	ng	96
46) 2-Chloronaphthalene	9.29	162	250339	36.06	ng	96
47) 2-Nitroaniline	9.39	65	72193	39.13	ng	# 61
48) Acenaphthylene	9.70	152	383207	33.61	ng	99
49) Dimethylphthalate	9.57	163	303527	36.26	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	70906	39.90	ng	# 87
51) Acenaphthene	9.87	154	224345	33.83	ng	99
52) 3-Nitroaniline	9.80	138	56038	29.38	ng	# 75
53) 2,4-Dinitrophenol	9.92	184	45047	69.28	ng	95
54) Dibenzofuran	10.04	168	326813	35.84	ng	91
55) 4-Nitrophenol	9.98	139	69849	71.76	ng	# 74
56) 2,4-Dinitrotoluene	10.04	165	88008	37.52	ng	89
57) Fluorene	10.38	166	266259	34.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	56893	38.37	ng	98
59) Diethylphthalate	10.27	149	297781	35.02	ng	100
60) 4-Chlorophenyl-phenylether	10.37	204	118636	33.19	ng	# 83
61) 4-Nitroaniline	10.42	138	73822	41.88	ng	96
62) Azobenzene	10.53	77	272256	38.86	ng	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	37716	35.66	ng	83
65) n-Nitrosodiphenylamine	10.50	169	252581	37.19	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	77118	34.94	ng	# 76
67) Hexachlorobenzene	10.93	284	83443	34.53	ng	# 72
68) Atrazine	11.02	200	68320	33.40	ng	99
69) Pentachlorophenol	11.14	266	58158	73.83	ng	99
70) Phenanthrene	11.34	178	404430	35.81	ng	99
71) Anthracene	11.40	178	416632	35.28	ng	99
72) Carbazole	11.55	167	353274	35.16	ng	100
73) Di-n-butylphthalate	11.88	149	440908	34.06	ng	# 98
74) Fluoranthene	12.53	202	426173	33.96	ng	96
76) Benzidine	12.65	184	171731	36.88	ng	98
77) Pyrene	12.76	202	436363	36.92	ng	100
79) Butylbenzylphthalate	13.38	149	181212	37.04	ng	# 75
80) Benzo(a)anthracene	13.95	228	311827	37.00	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	77848	30.51	ng	# 96
82) Chrysene	13.99	228	297080	38.23	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	247788	39.20	ng	# 97
84) Di-n-octyl phthalate	14.55	149	356319	40.06	ng	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	279441	35.91	ng	99
87) Benzo(b)fluoranthene	15.00	252	517509	63.75	ng	99
88) Benzo(k)fluoranthene	15.00	252	517509	94.07	ng	# 96
89) Benzo(a)pyrene	15.32	252	241514	36.11	ng	98
90) Dibenzo(a,h)anthracene	16.77	278	232482	35.62	ng	# 95
91) Benzo(g,h,i)perylene	17.19	276	241064	36.19	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

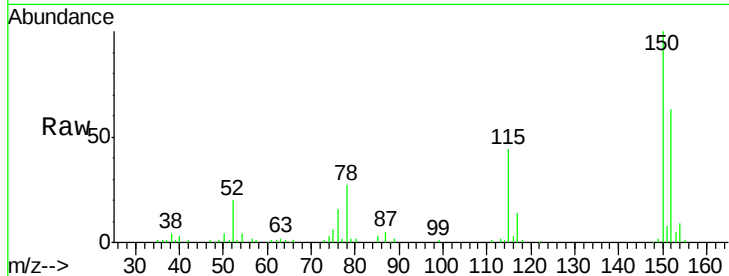
Tgt Ion:152 Resp: 52649

Ion Ratio Lower Upper

152 100

150 157.5 123.0 184.4

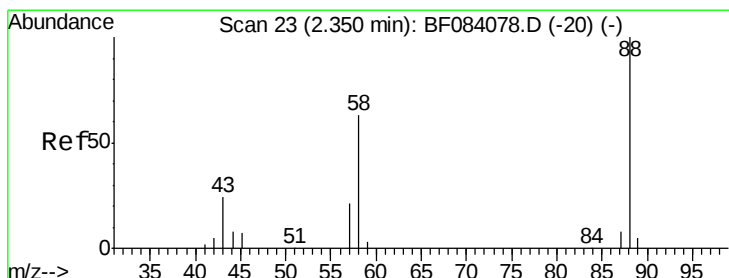
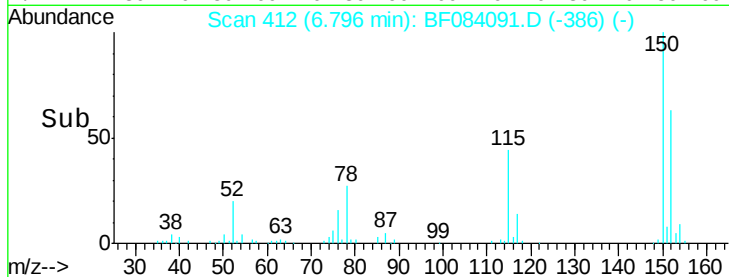
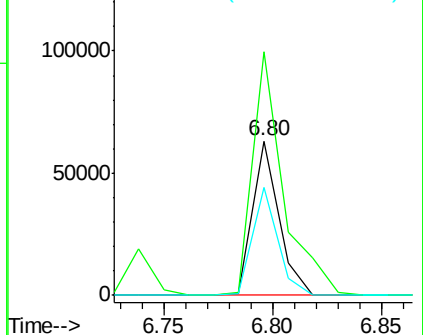
115 69.8 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.54 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.07 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

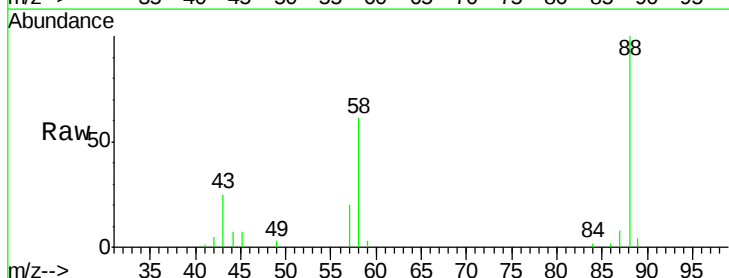
Tgt Ion: 88 Resp: 38869

Ion Ratio Lower Upper

88 100

58 64.9 51.2 76.8

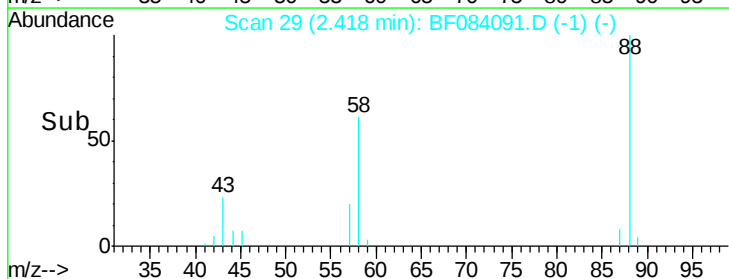
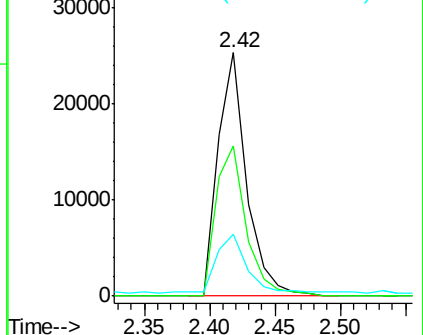
43 24.3 19.5 29.3

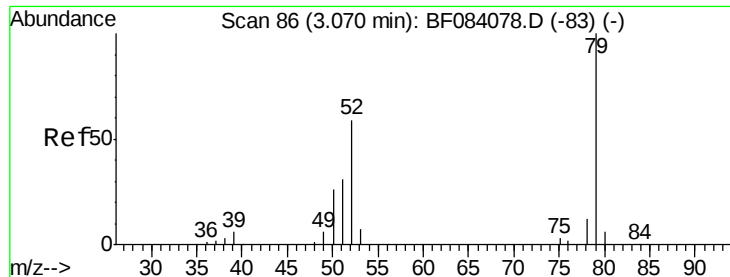


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.24 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

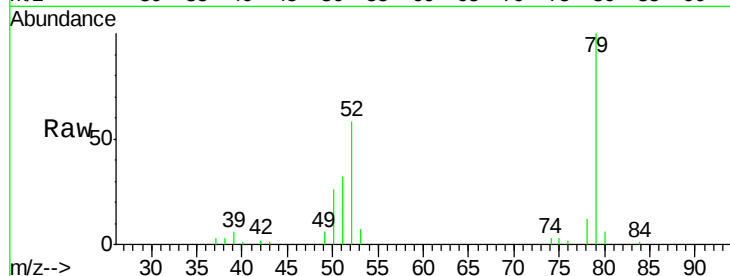
Tgt Ion: 79 Resp: 106439

Ion Ratio Lower Upper

79 100

52 58.0 49.0 73.4

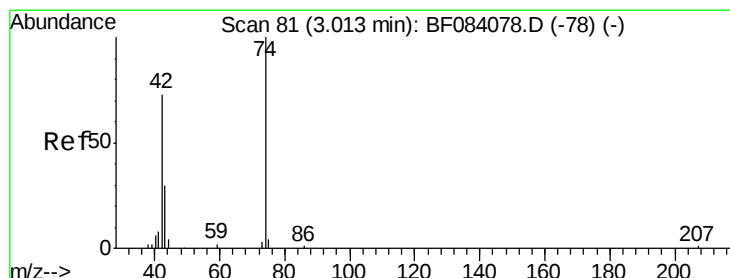
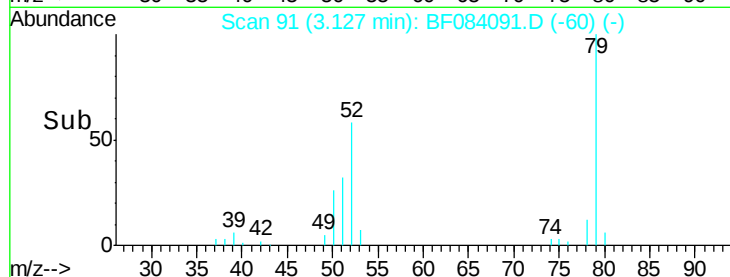
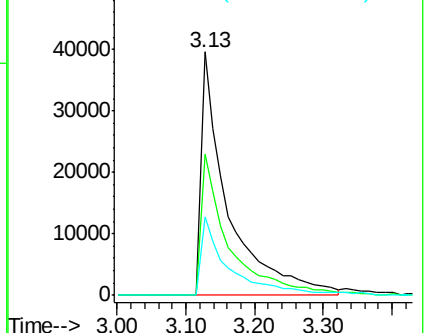
51 32.0 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.46 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

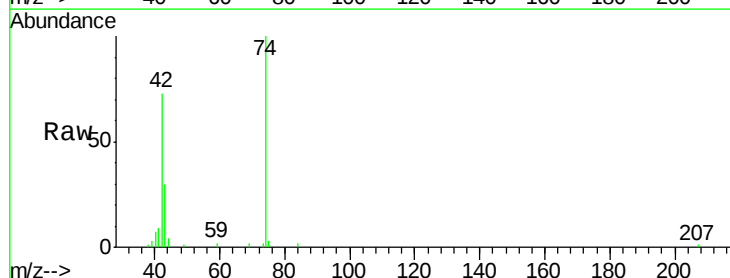
Tgt Ion: 42 Resp: 51302

Ion Ratio Lower Upper

42 100

74 136.8 115.7 173.5

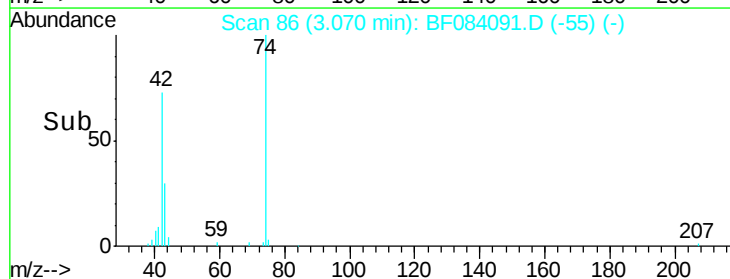
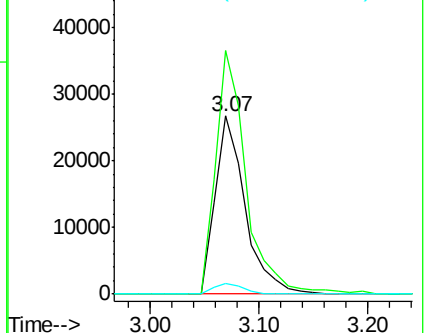
44 5.7 5.1 7.7

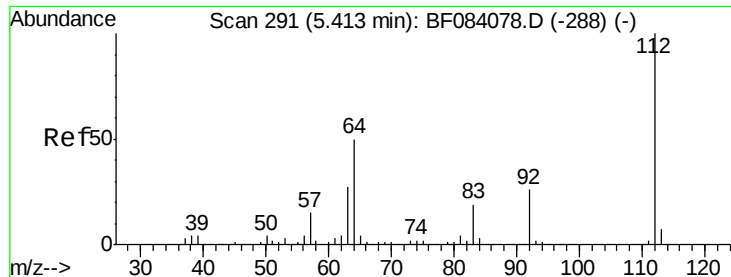


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.57 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

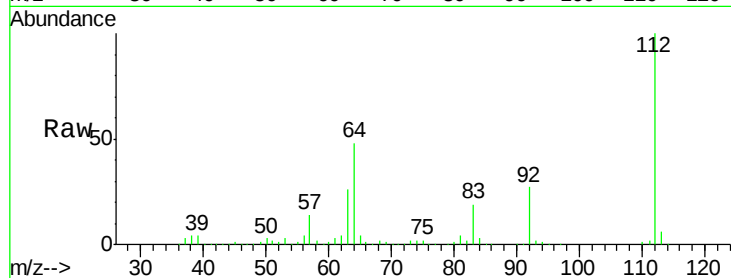
Instrument :

BNA_F

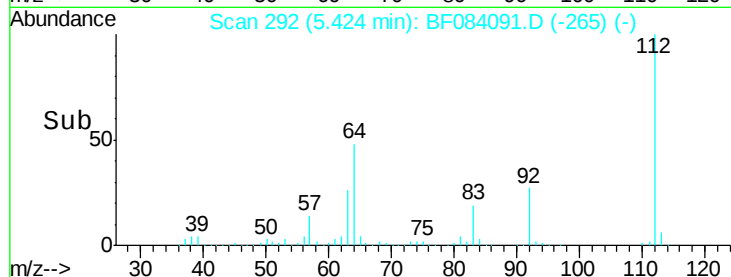
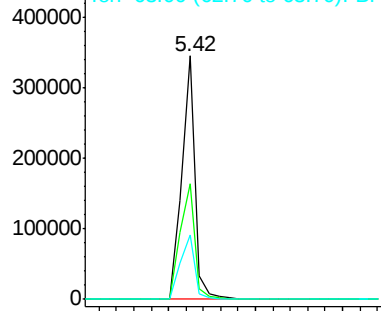
ClientSampleId :

PB87543BS

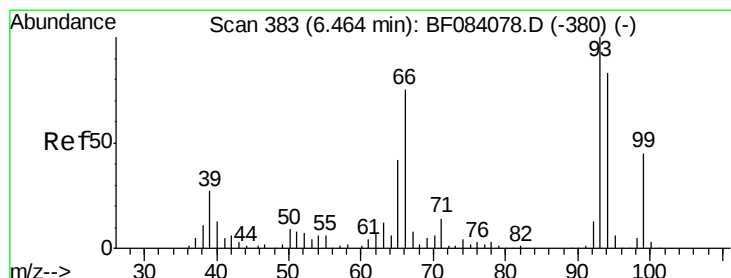
Tgt Ion:	112	Resp:	368188
Ion	Ratio	Lower	Upper
112	100		
64	47.7	36.6	55.0
63	26.3	19.4	29.0



Abundance Ion 112.00 (111.70 to 112.70): E



Time-->



#6

Aniline

Concen: 30.33 ng

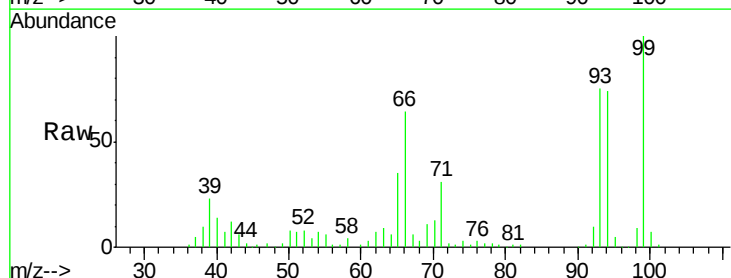
RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

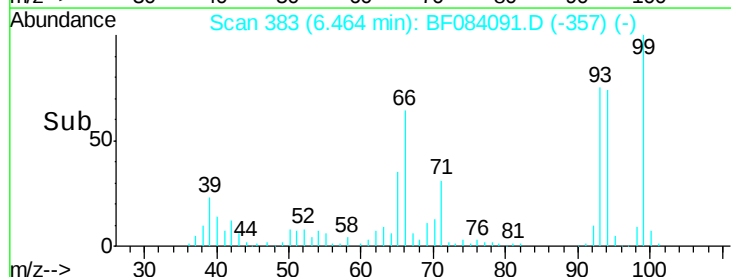
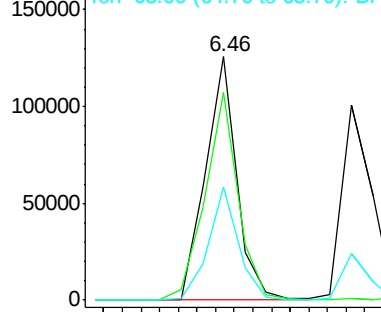
Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

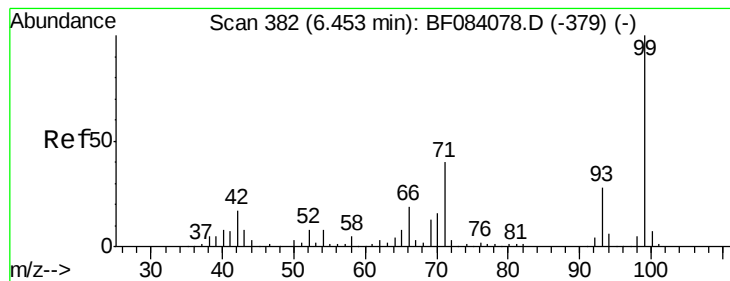
Tgt Ion:	93	Resp:	147336
Ion	Ratio	Lower	Upper
93	100		
66	85.4	44.9	67.3#
65	46.4	23.7	35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF0



Time-->



#7

Phenol-d6

Concen: 107.12 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

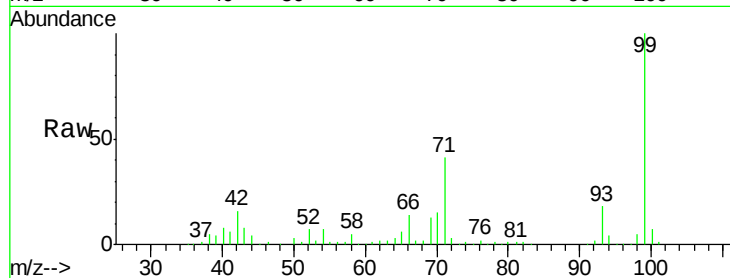
Tgt Ion: 99 Resp: 411625

Ion Ratio Lower Upper

99 100

42 16.5 12.8 19.2

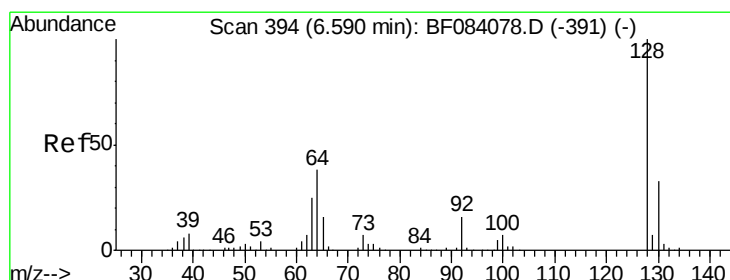
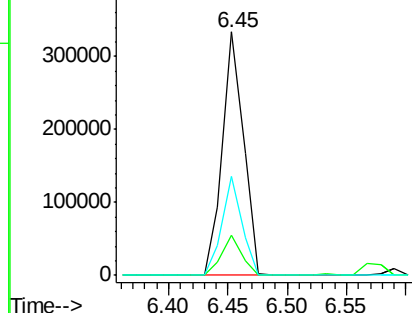
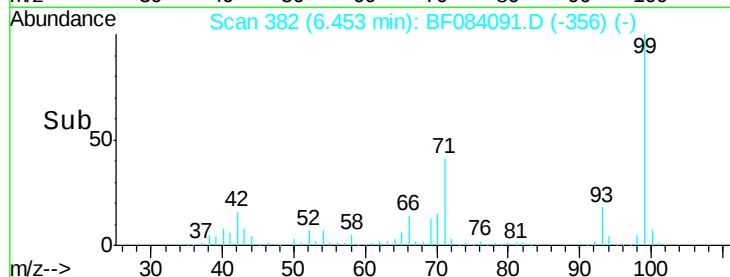
71 40.5 30.9 46.3



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: 37.43 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

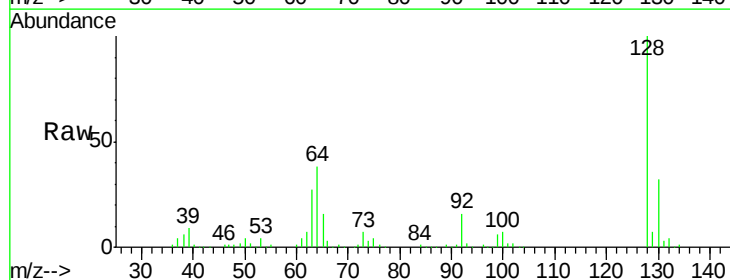
Tgt Ion: 128 Resp: 144353

Ion Ratio Lower Upper

128 100

130 32.3 11.6 51.6

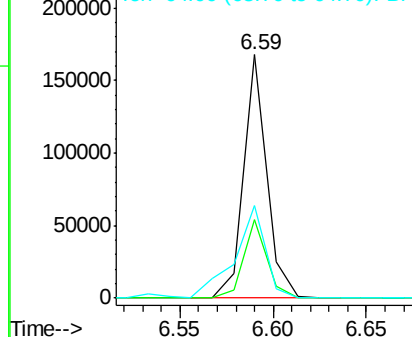
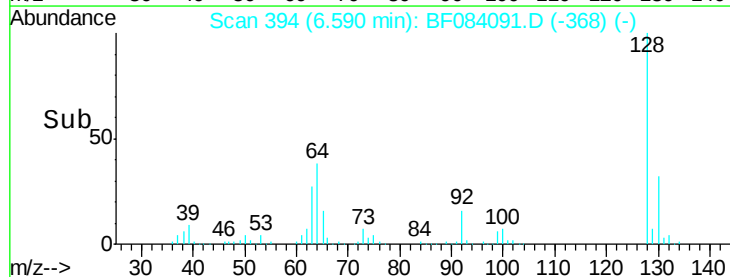
64 38.1 23.8 63.8

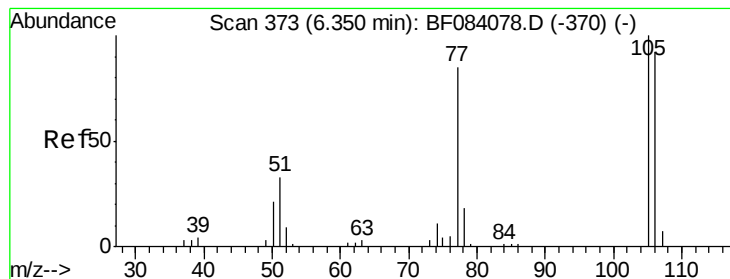


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.01 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

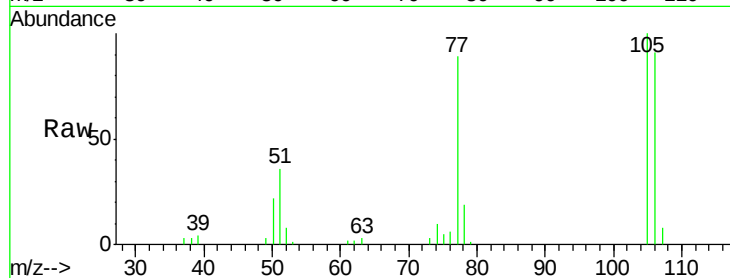
Tgt Ion: 77 Resp: 39069

Ion Ratio Lower Upper

77 100

105 111.8 83.0 123.0

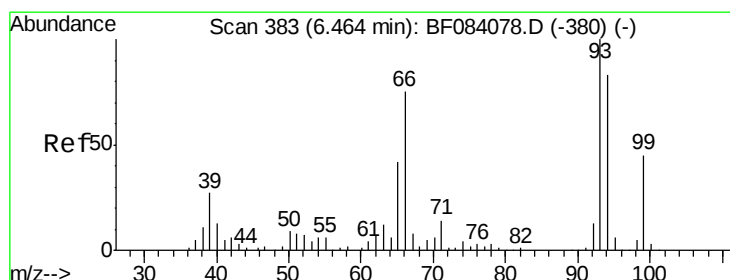
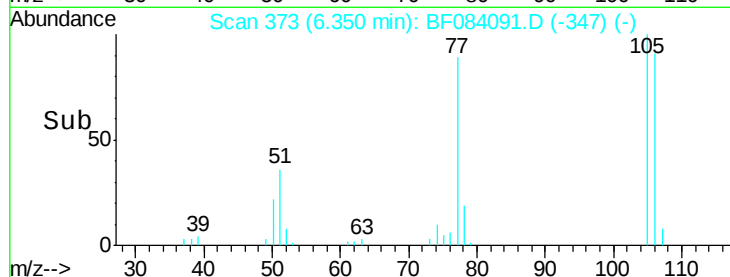
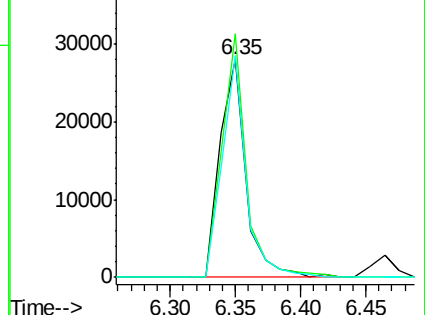
106 102.0 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 31.98 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

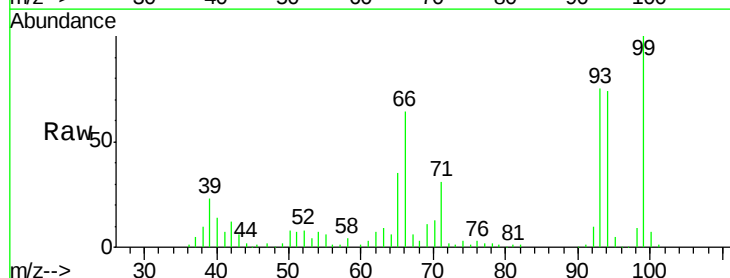
Tgt Ion: 94 Resp: 140560

Ion Ratio Lower Upper

94 100

65 47.3 12.9 52.9

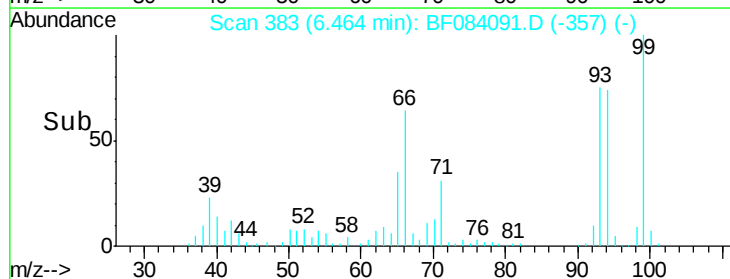
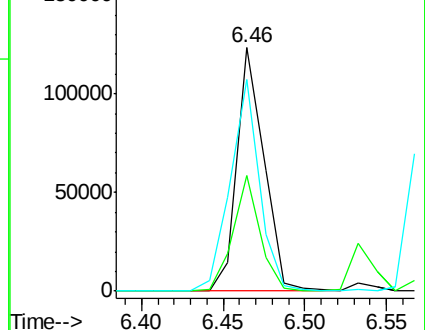
66 87.0 32.7 72.7#

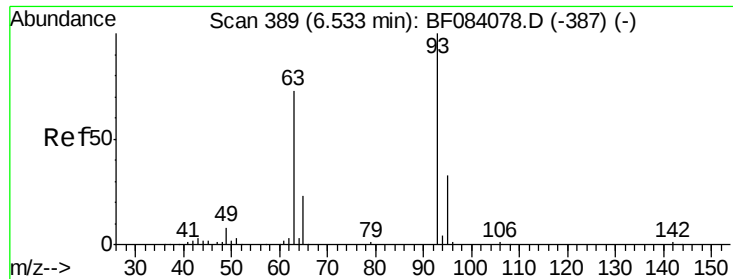


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

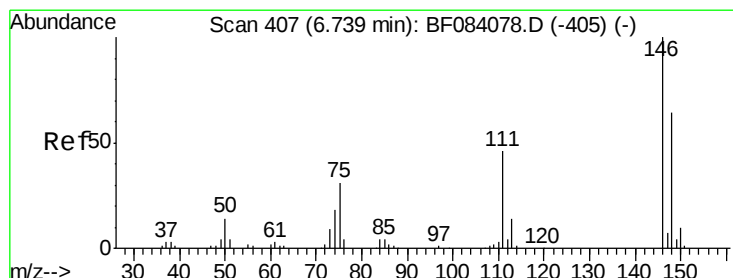
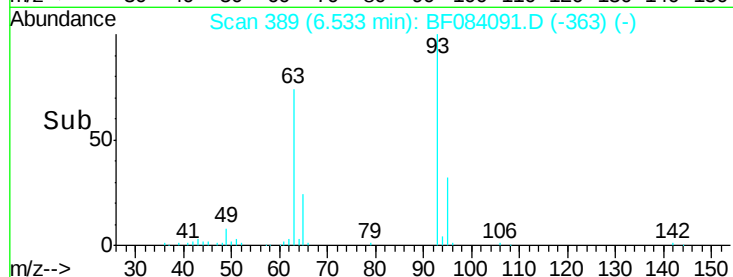
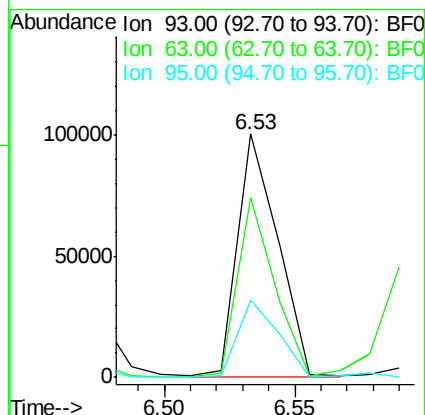
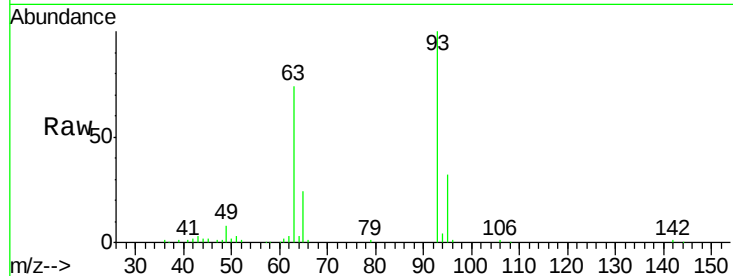




#11
bis(2-Chloroethyl)ether
Concen: 34.47 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

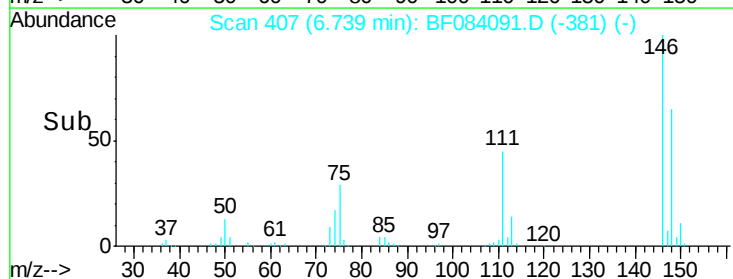
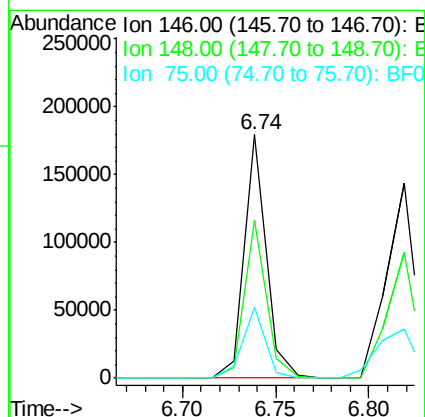
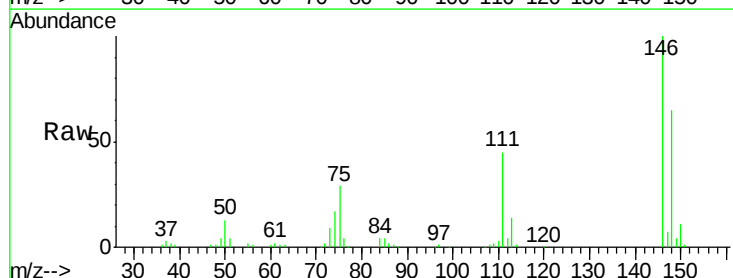
Instrument :
BNA_F
ClientSampleId :
PB87543BS

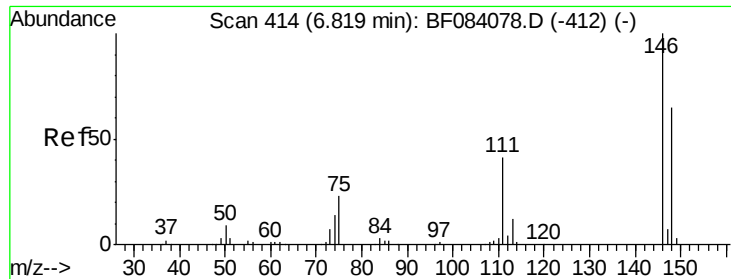
Tgt Ion: 93 Resp: 109234
Ion Ratio Lower Upper
93 100
63 73.8 45.9 85.9
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.03 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion: 146 Resp: 147472
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 29.3 20.5 30.7

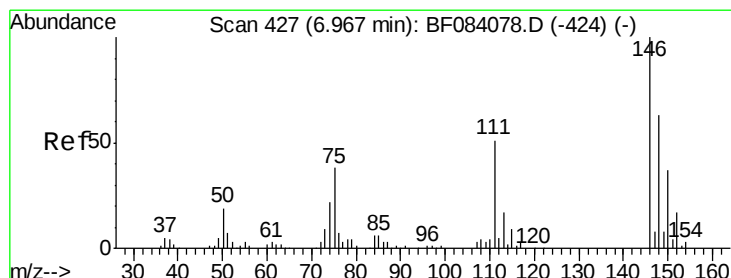
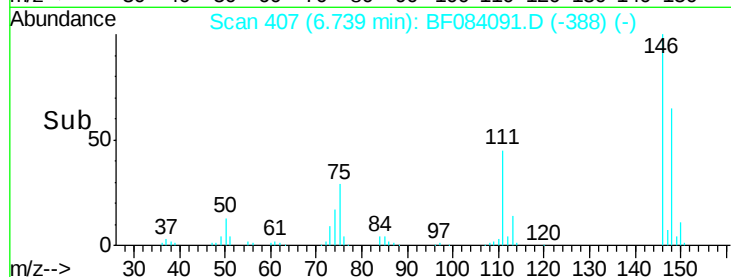
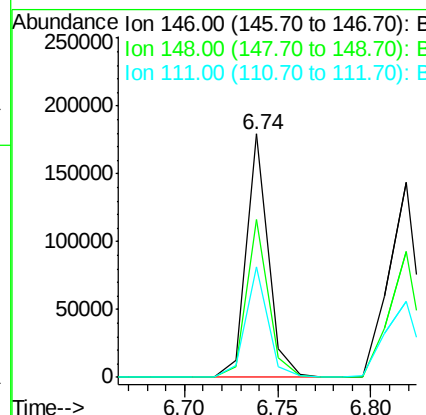
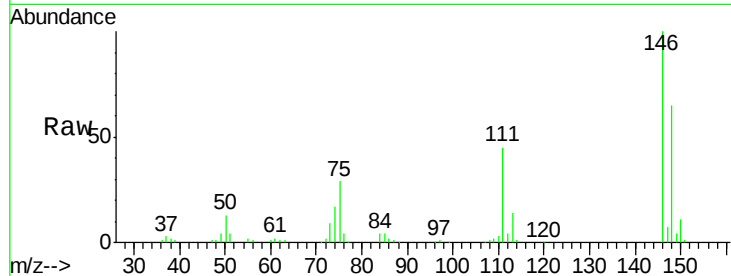




#13
 1,4-Dichlorobenzene
 Concen: 34.81 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

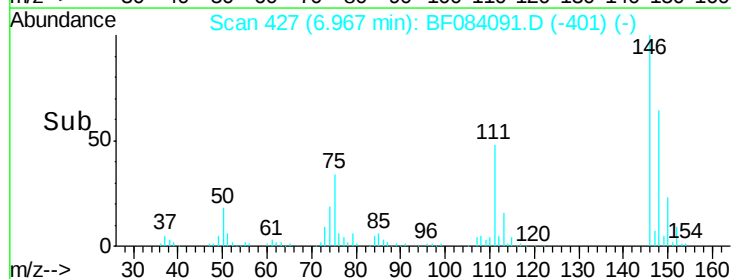
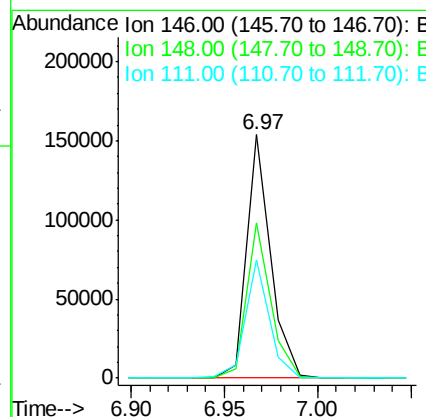
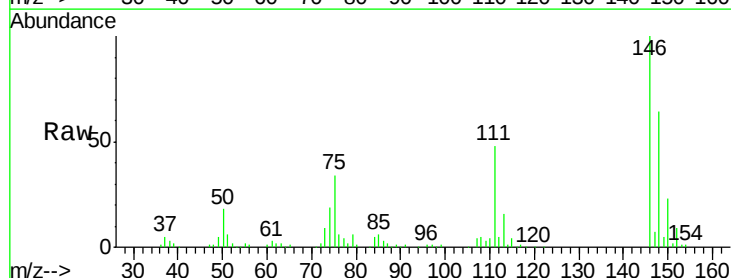
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

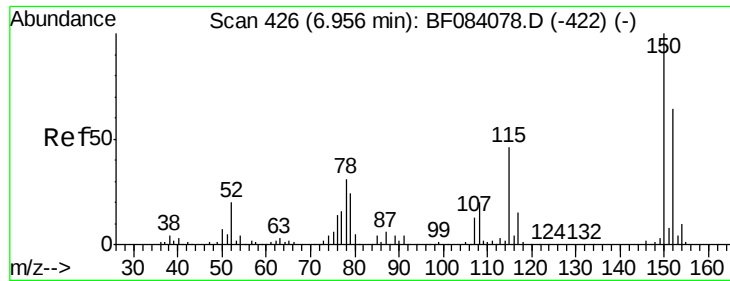
Tgt Ion:146 Resp: 147472
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.9 77.9
 111 45.2 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 35.10 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:146 Resp: 137019
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 48.4 38.0 57.0

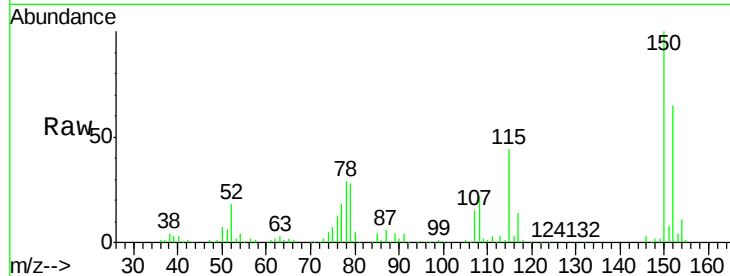




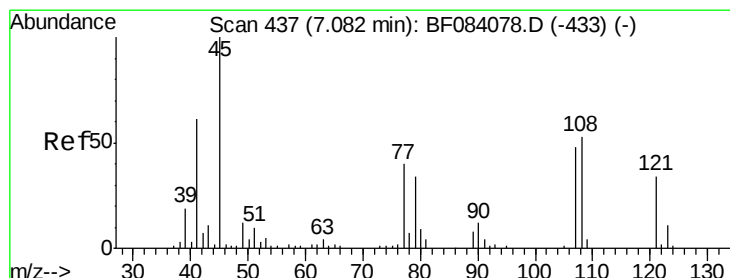
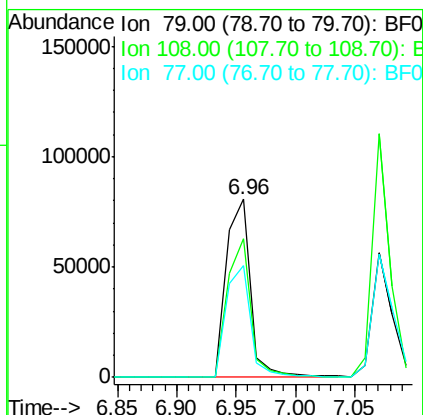
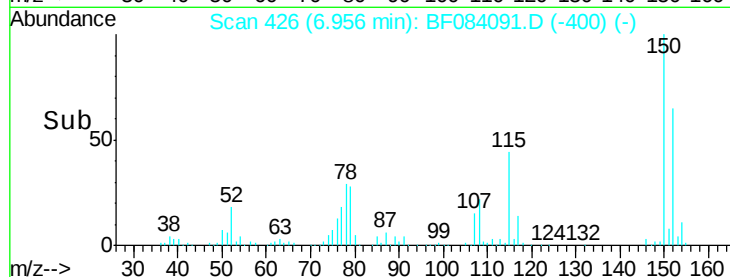
#15
Benzyl Alcohol
Concen: 39.01 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleID :
PB87543BS

Tgt Ion: 79 Resp: 113529
Ion Ratio Lower Upper
79 100
108 78.0 69.0 103.4
77 63.2 50.0 75.0

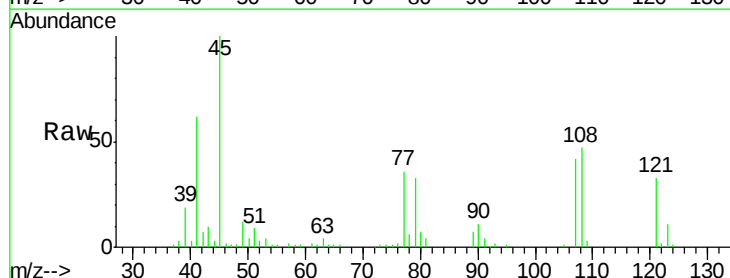


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

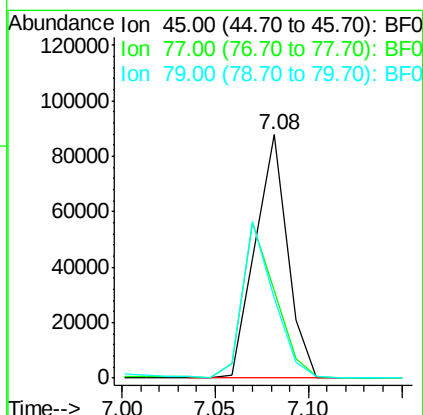
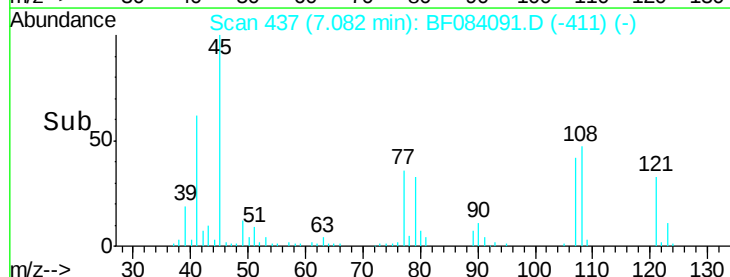


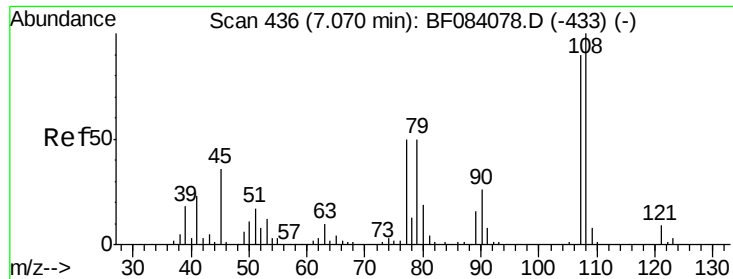
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.87 ng
RT: 7.08 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion: 45 Resp: 104846
Ion Ratio Lower Upper
45 100
77 35.7 0.0 39.6
79 32.7 0.0 35.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

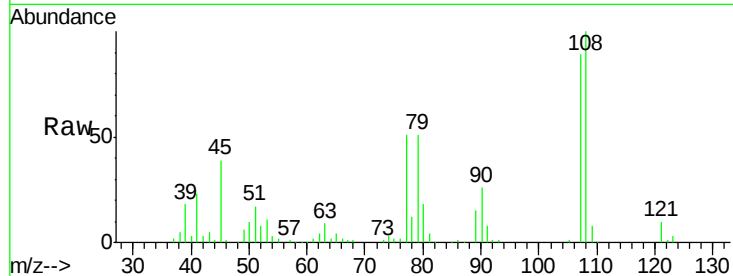




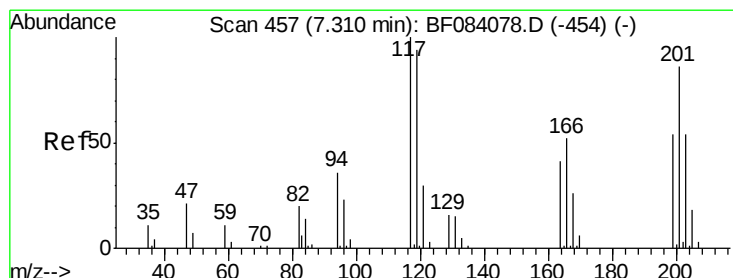
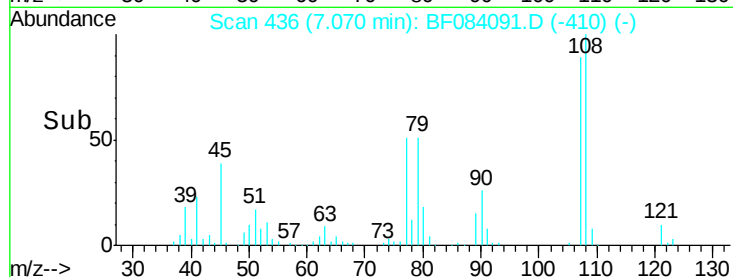
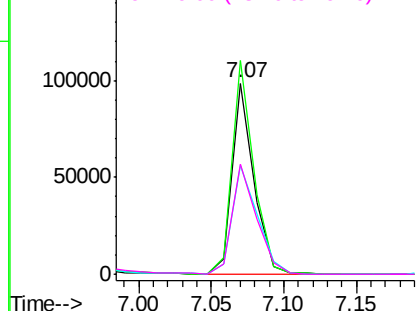
#17
2-Methylphenol
Concen: 34.33 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tgt Ion:107 Resp: 101669
Ion Ratio Lower Upper
107 100
108 111.9 89.8 134.6
77 56.8 35.7 53.5#
79 57.4 35.7 53.5#

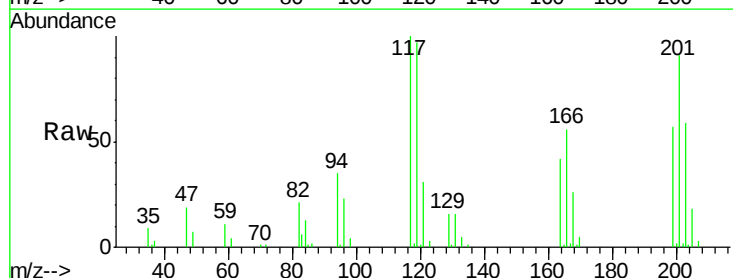


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

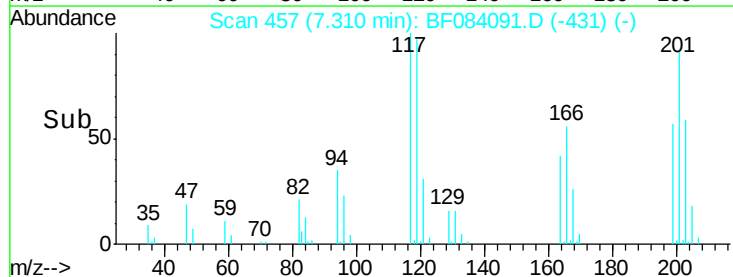
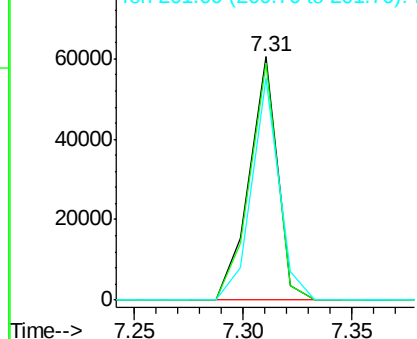


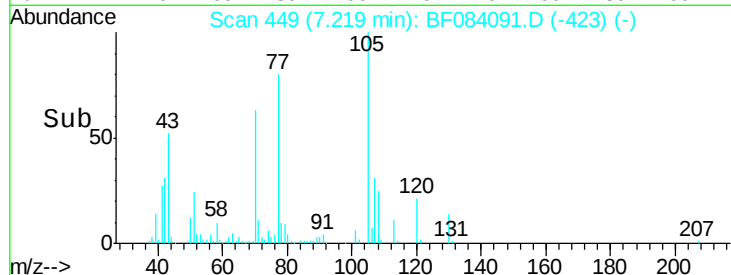
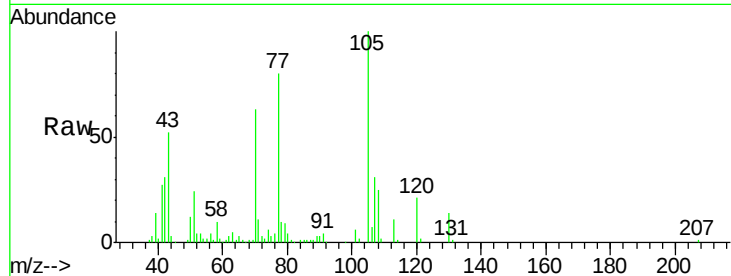
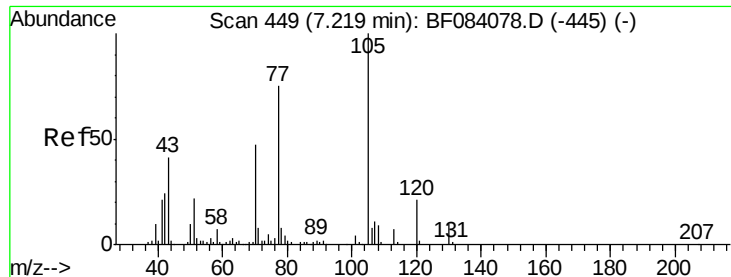
#18
Hexachloroethane
Concen: 35.22 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:117 Resp: 54454
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
201 91.3 68.6 103.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

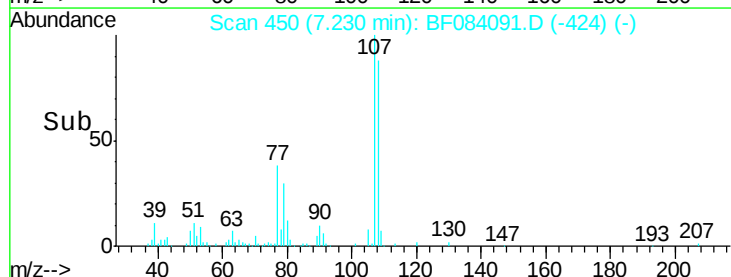
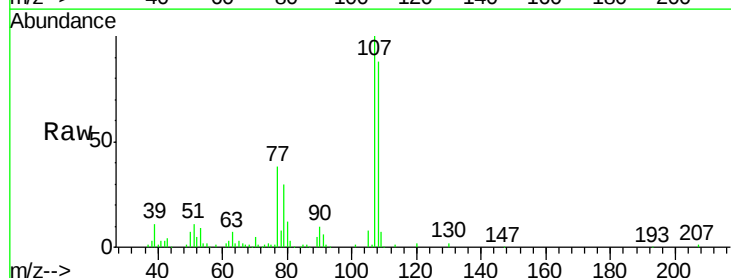
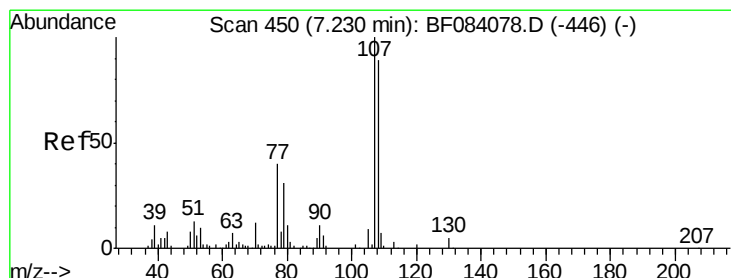
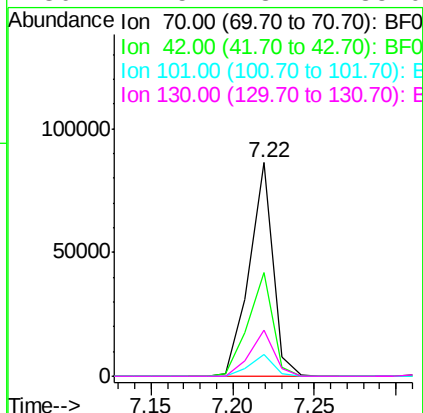




#19
n-Nitroso-di-n-propylamine
Concen: 36.71 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

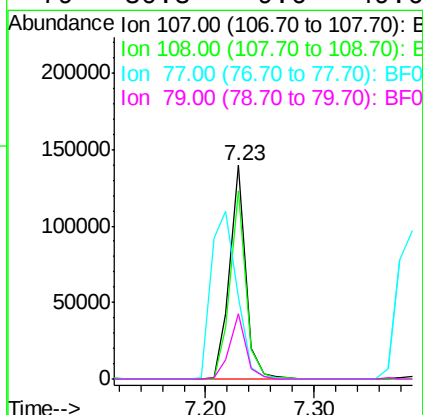
Instrument :
BNA_F
ClientSampleId :
PB87543BS

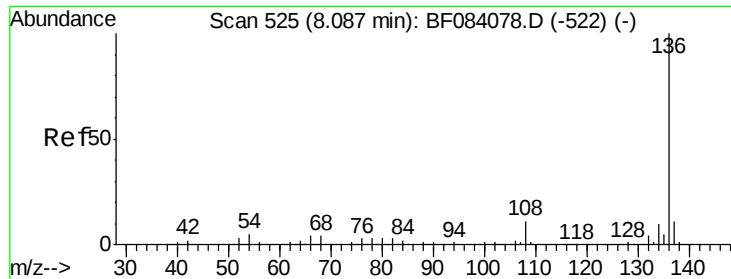
Tgt Ion:	70	Resp:	86885
Ion	Ratio	Lower	Upper
70	100		
42	48.6	33.3	49.9
101	10.2	9.3	13.9
130	21.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 37.88 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:	107	Resp:	143096
Ion	Ratio	Lower	Upper
107	100		
108	88.2	64.1	104.1
77	38.3	128.9	168.9#
79	30.3	9.6	49.6

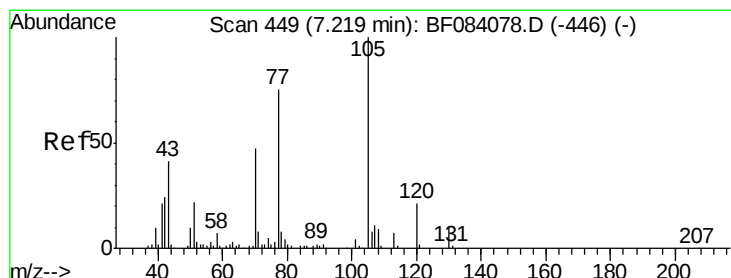
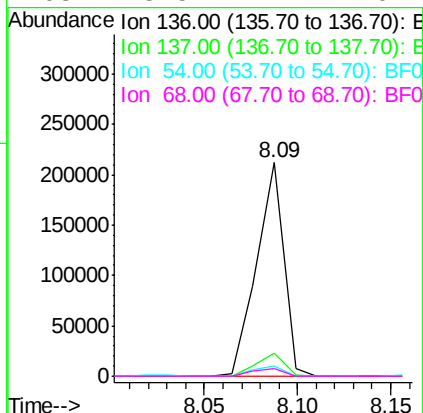
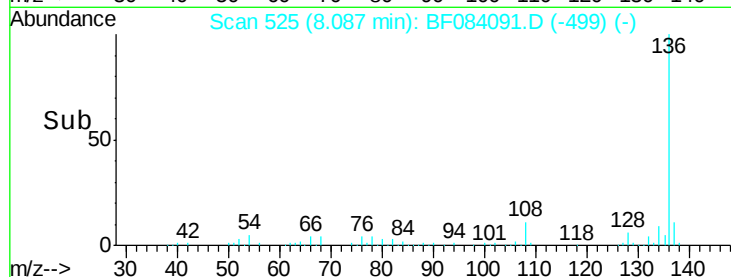
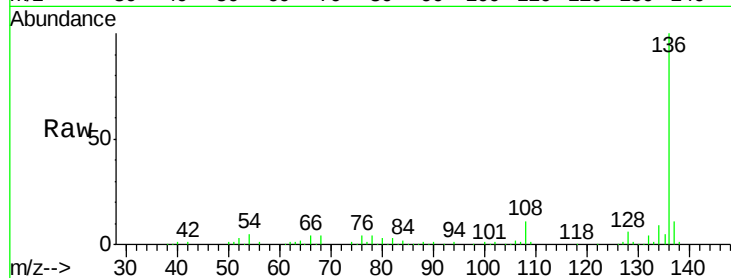




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

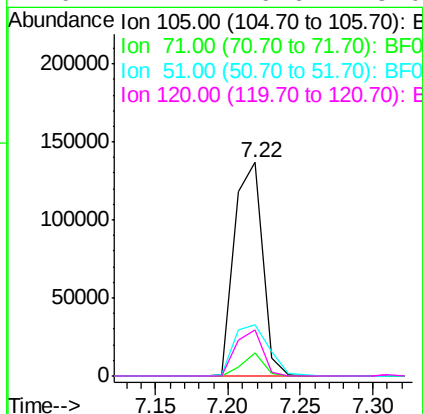
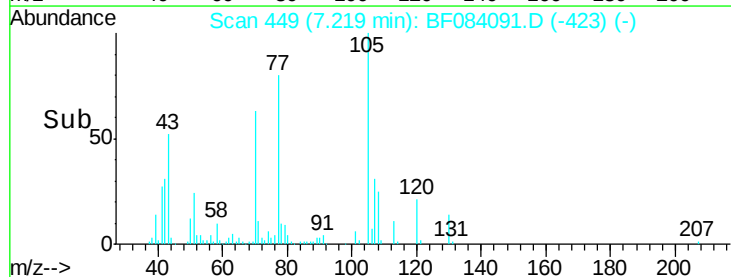
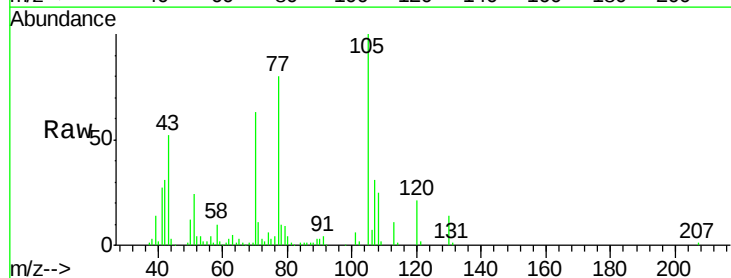
Instrument :
BNA_F
ClientSampleId :
PB87543BS

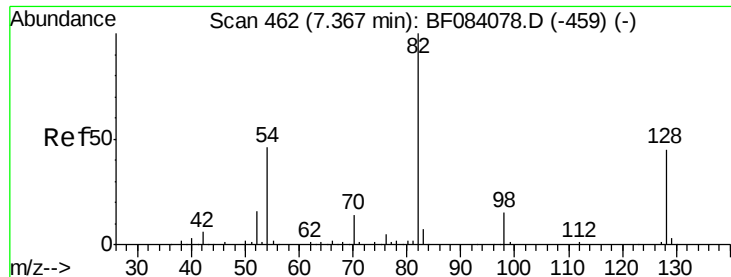
Tgt Ion:	136	Resp:	213388
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	4.7	5.8	8.8#
68	3.5	4.2	6.2#



#22
Acetophenone
Concen: 34.46 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:	105	Resp:	183748
Ion	Ratio	Lower	Upper
105	100		
71	10.6	3.7	5.5#
51	24.1	25.1	37.7#
120	21.4	16.6	25.0

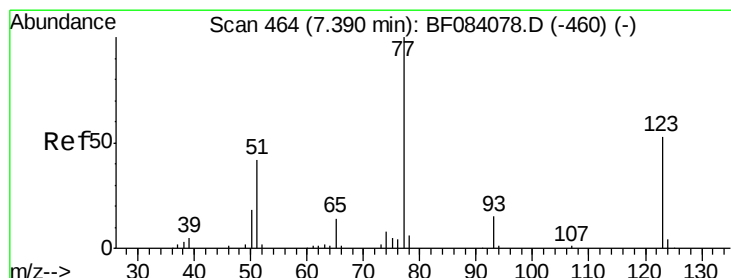
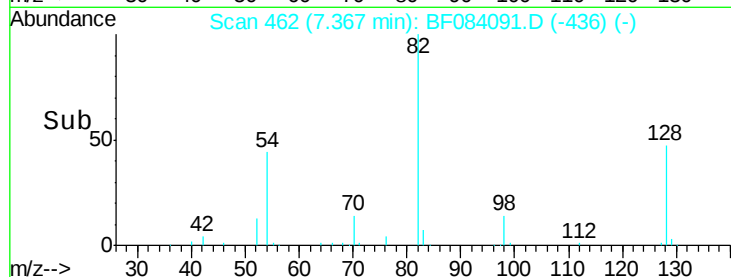
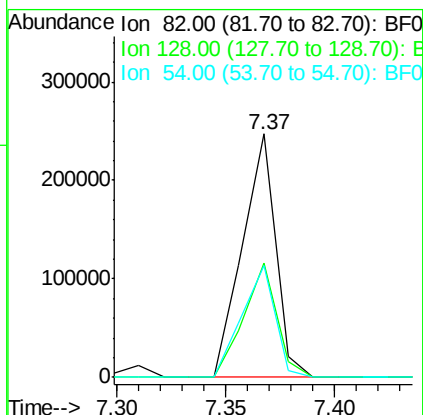
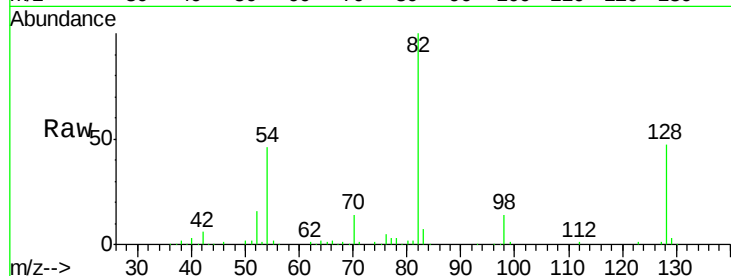




#23
 Nitrobenzene-d5
 Concen: 71.81 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

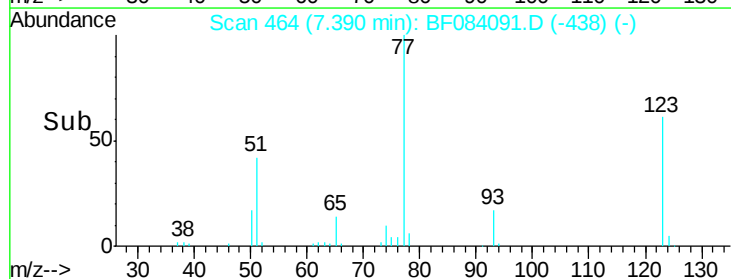
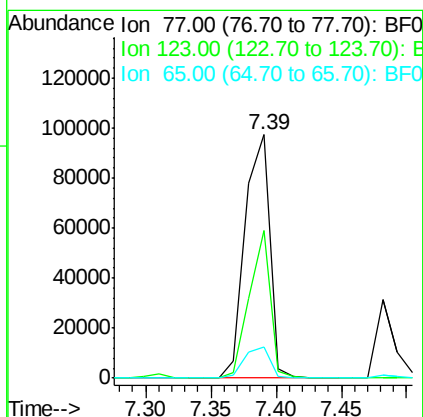
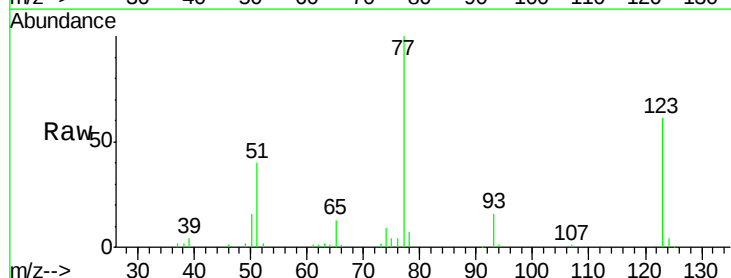
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

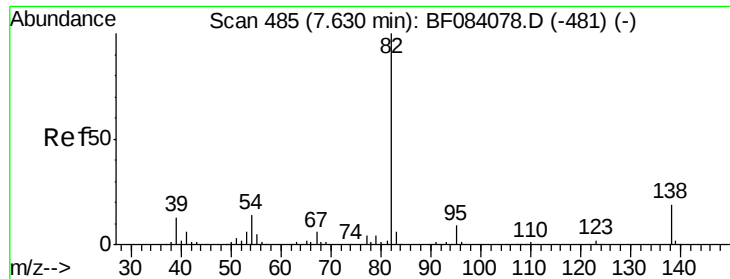
Tgt Ion: 82 Resp: 261784
 Ion Ratio Lower Upper
 82 100
 128 47.2 34.6 51.8
 54 45.7 38.4 57.6



#24
 Nitrobenzene
 Concen: 33.25 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion: 77 Resp: 128714
 Ion Ratio Lower Upper
 77 100
 123 60.6 37.4 56.2#
 65 13.0 10.9 16.3





#25

Isophorone

Concen: 35.10 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

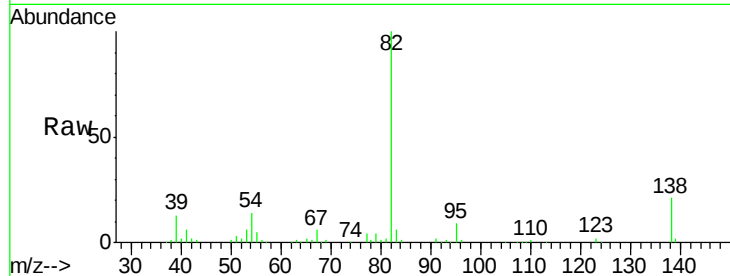
Tgt Ion: 82 Resp: 236699

Ion Ratio Lower Upper

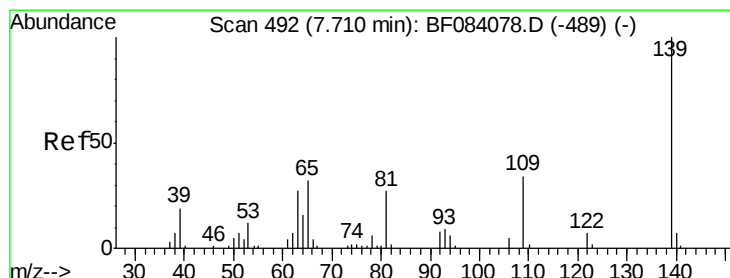
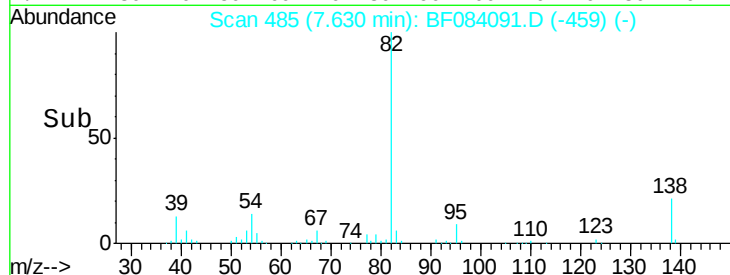
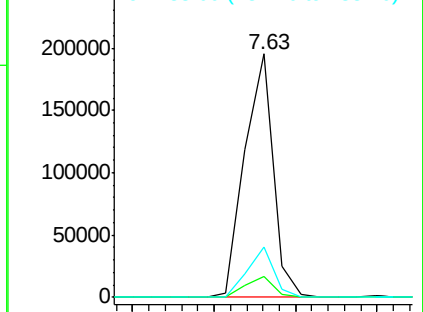
82 100

95 8.6 6.6 10.0

138 20.9 13.6 20.4#



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



#26

2-Nitrophenol

Concen: 36.19 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

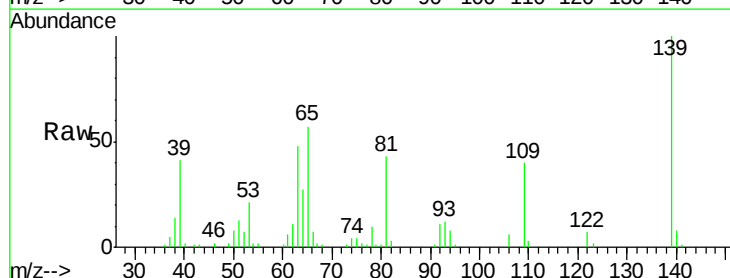
Tgt Ion: 139 Resp: 71683

Ion Ratio Lower Upper

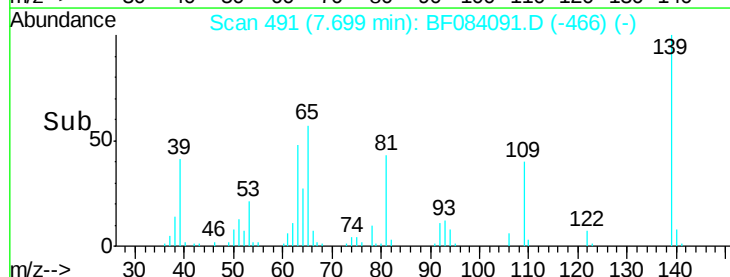
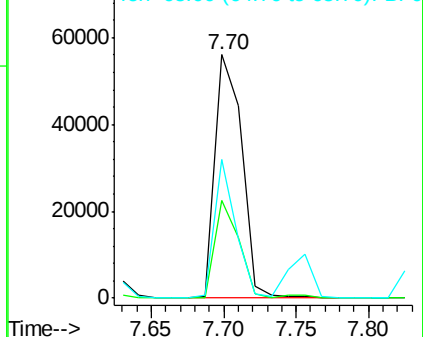
139 100

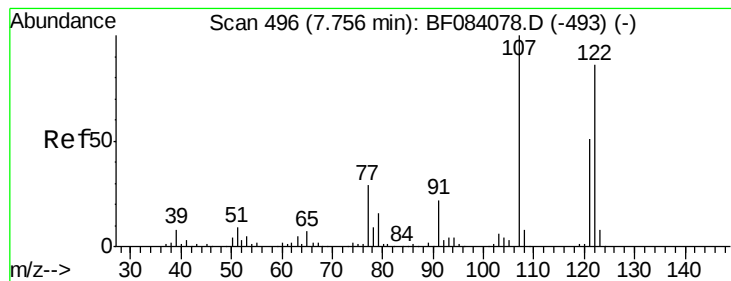
109 40.1 25.4 38.2#

65 56.7 32.3 48.5#



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





#27

2,4-Dimethylphenol

Concen: 38.70 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

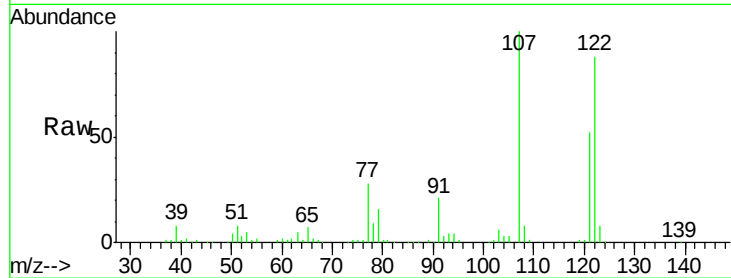
Tgt Ion:122 Resp: 127222

Ion Ratio Lower Upper

122 100

107 113.2 99.1 148.7

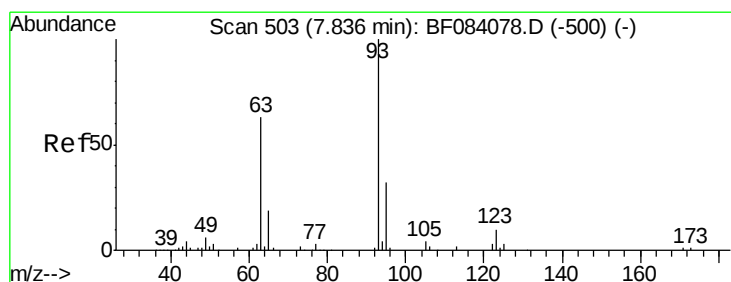
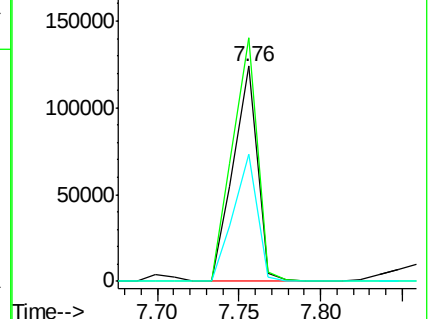
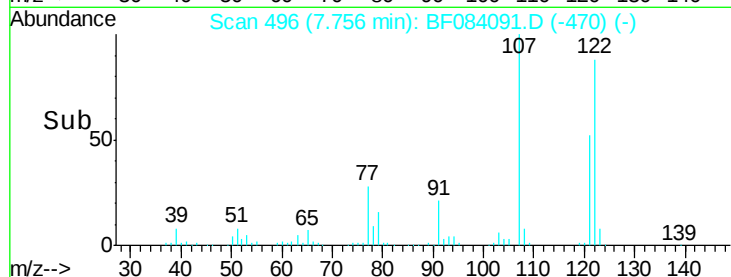
121 59.3 47.9 71.9



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: 35.03 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

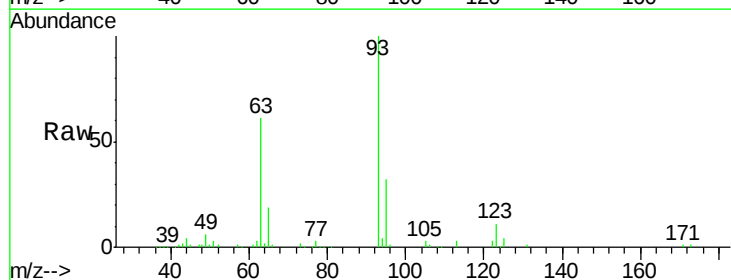
Tgt Ion: 93 Resp: 137710

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

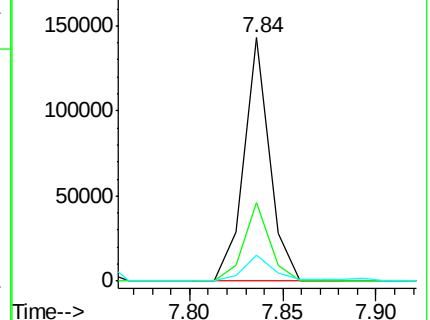
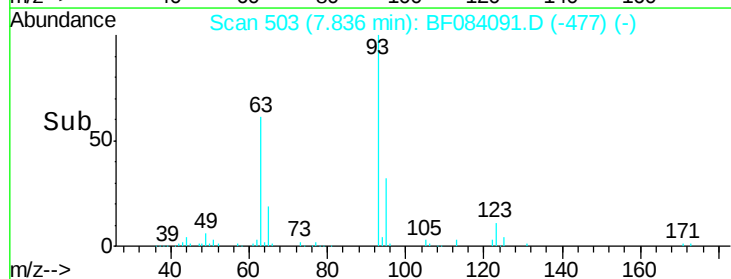
123 10.8 8.6 12.8

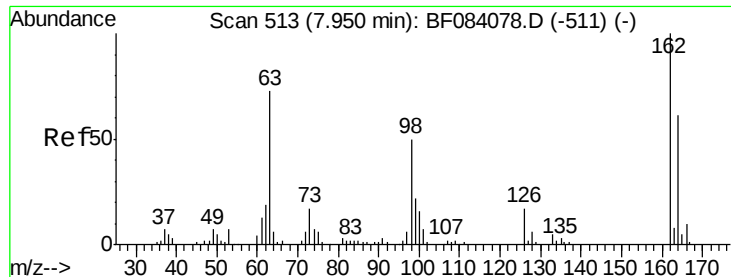


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

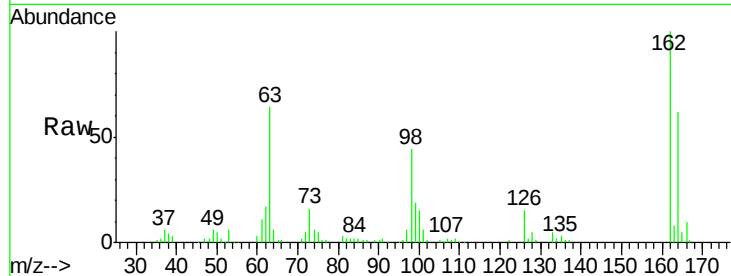




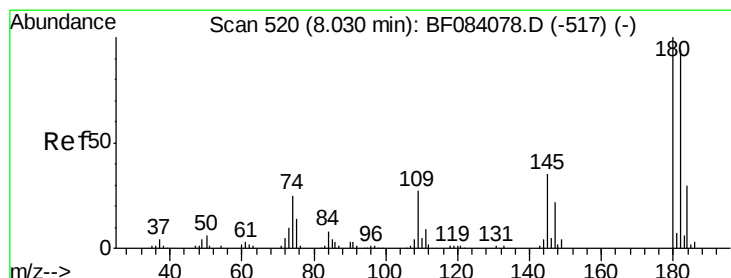
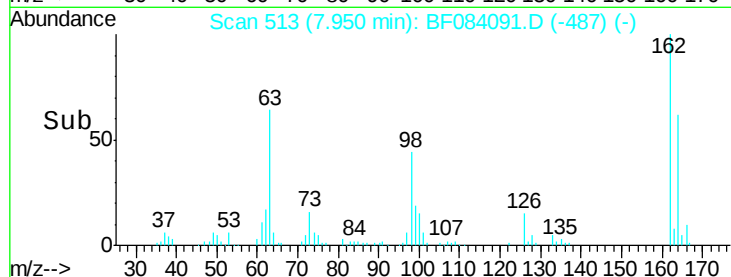
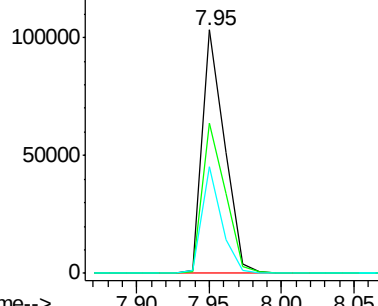
#29
2,4-Dichlorophenol
Concen: 36.19 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.1	84.1
98	43.8	20.2	60.2

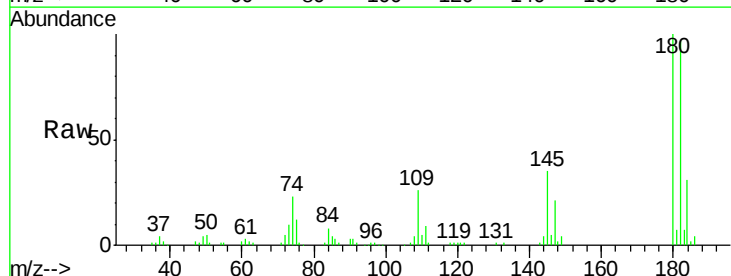


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

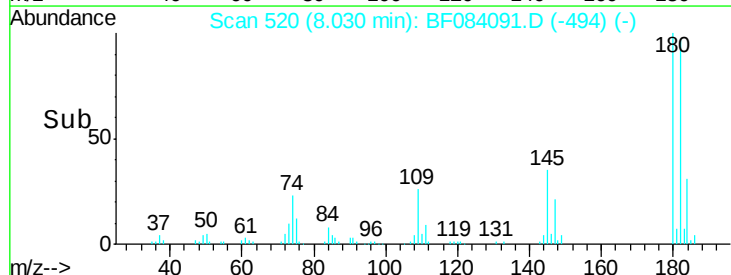
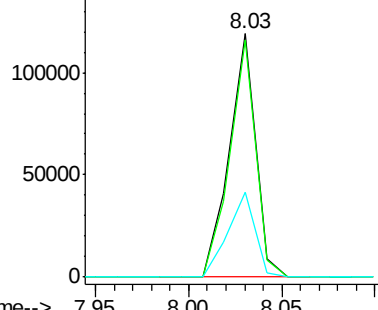


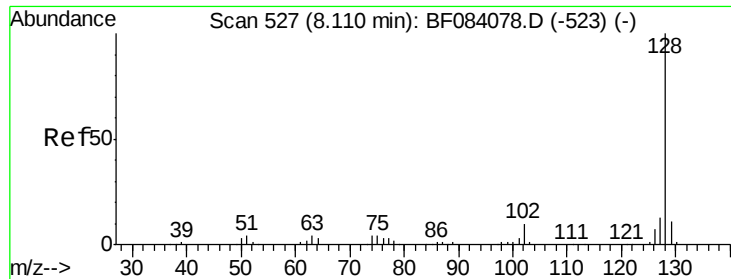
#30
1,2,4-Trichlorobenzene
Concen: 34.63 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.4	114.6
145	34.8	31.6	47.4



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

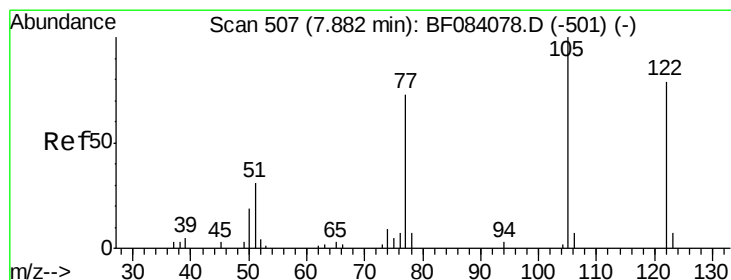
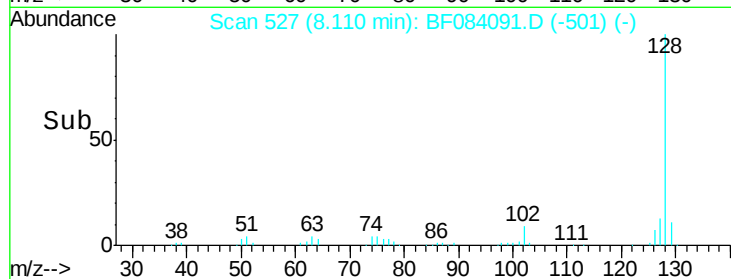
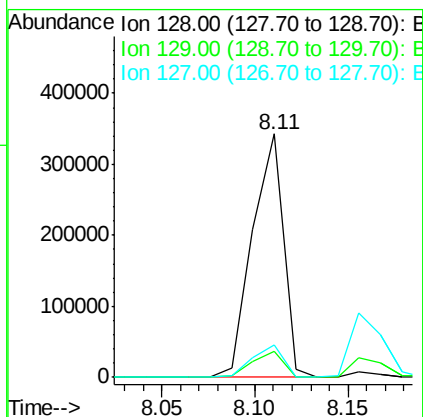
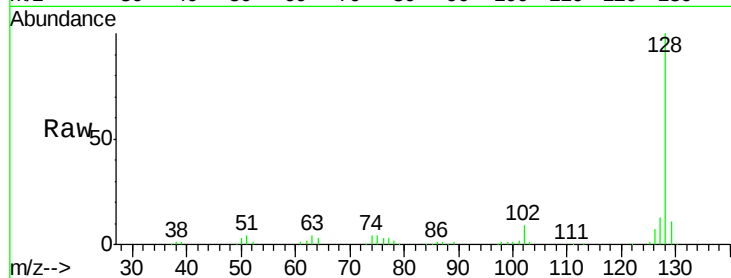




#31
Naphthalene
Concen: 34.84 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

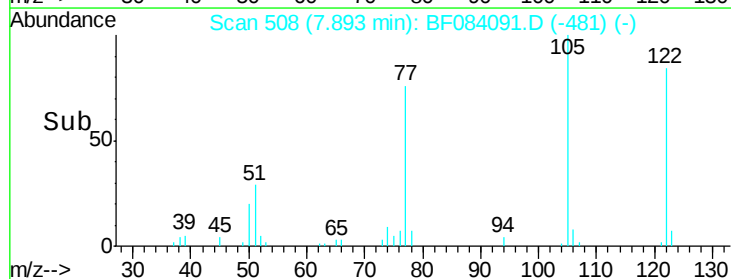
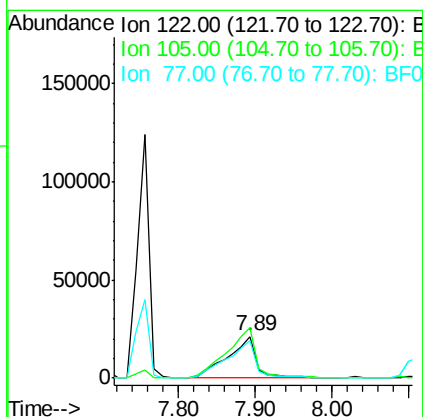
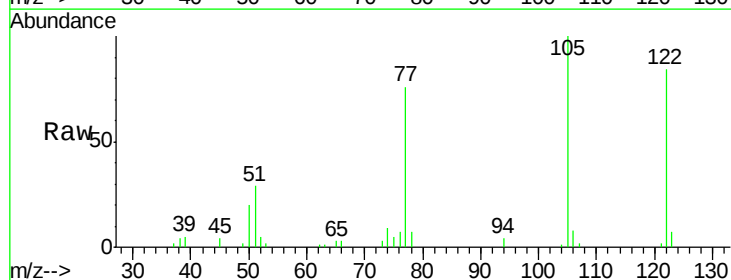
Instrument :
BNA_F
ClientSampleId :
PB87543BS

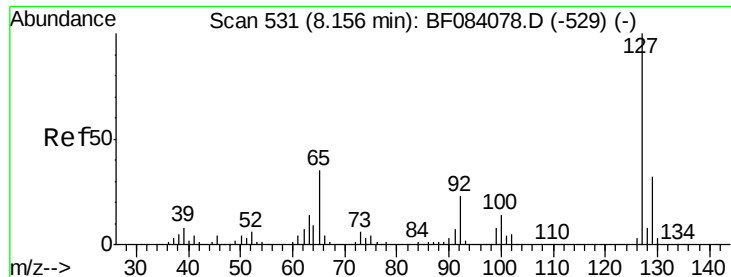
Tgt Ion:128 Resp: 395572
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 36.22 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:122 Resp: 57095
Ion Ratio Lower Upper
122 100
105 118.7 100.3 140.3
77 90.7 63.5 103.5

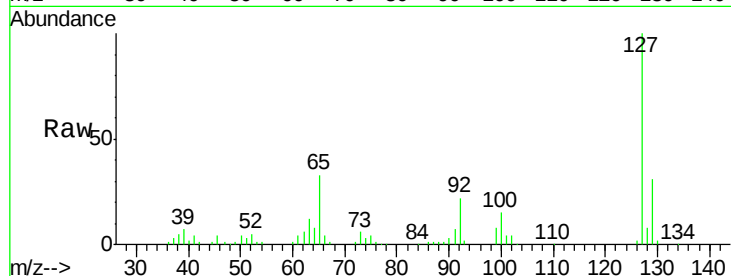




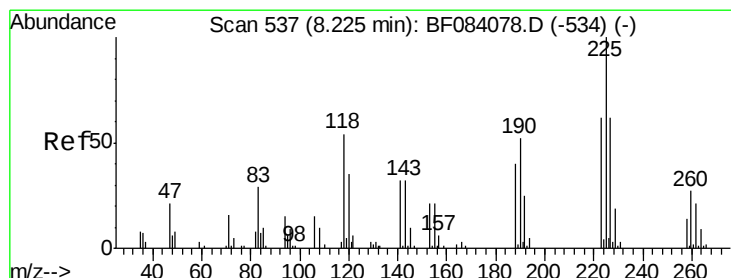
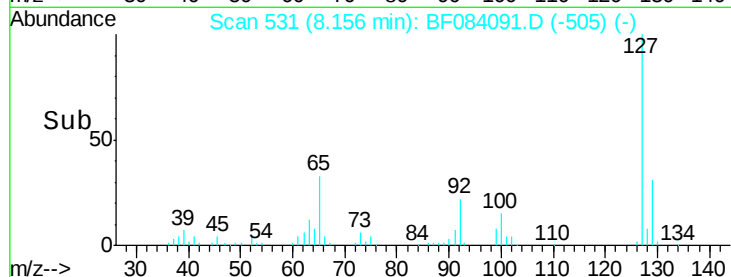
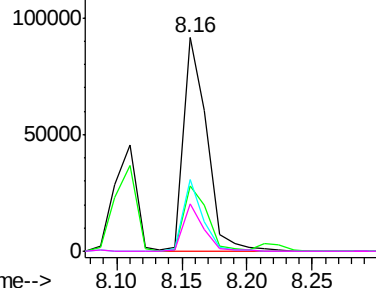
#33
4-Chloroaniline
Concen: 25.33 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tgt Ion:	127	Resp:	114409
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	33.5	27.2	40.8
92	22.2	17.7	26.5

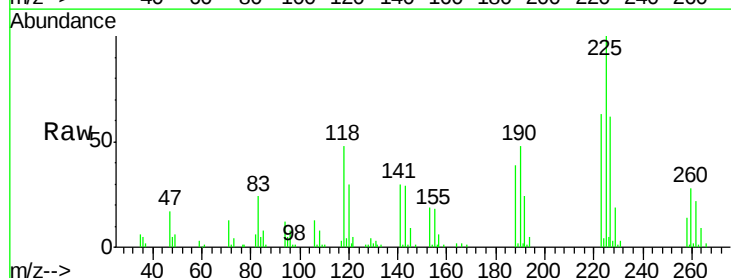


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

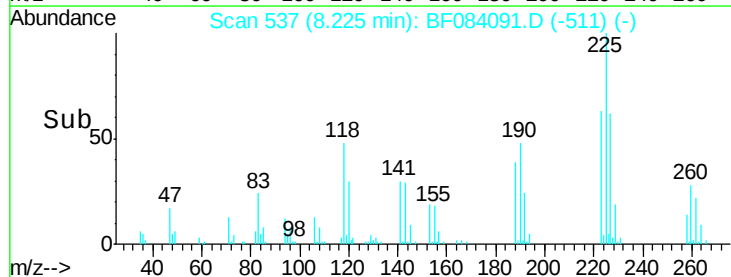
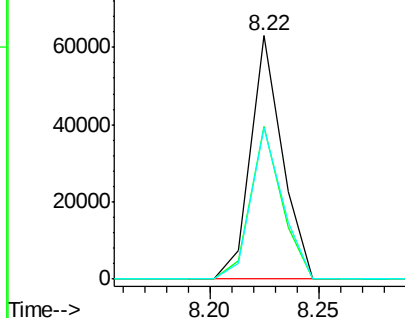


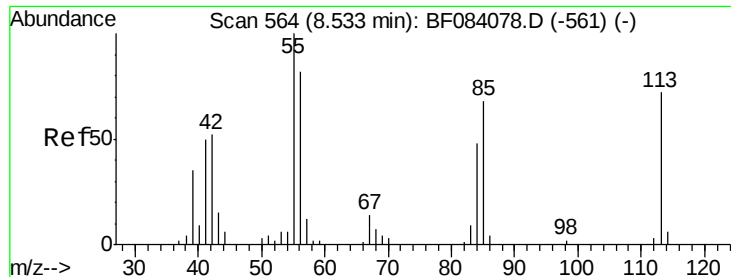
#34
Hexachlorobutadiene
Concen: 33.43 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:	225	Resp:	63795
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.4	74.0
227	62.1	50.8	76.2



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

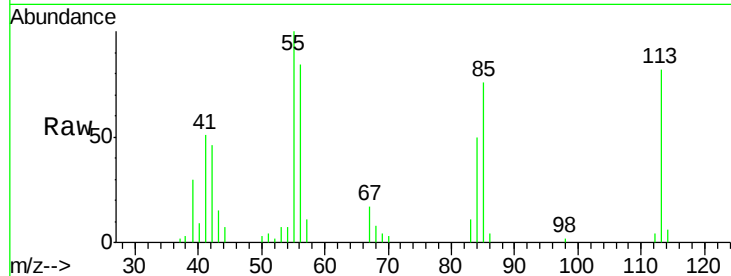




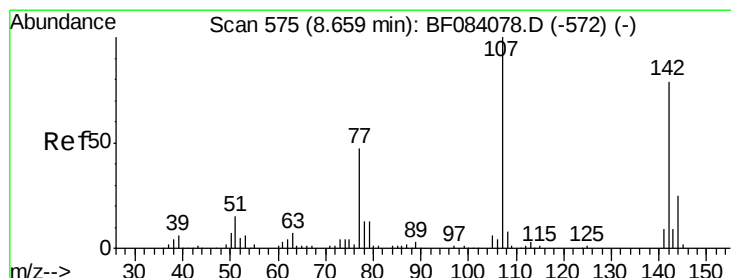
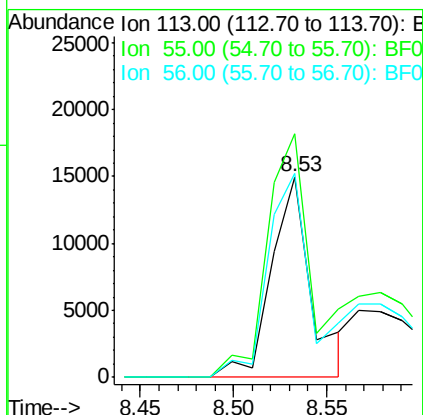
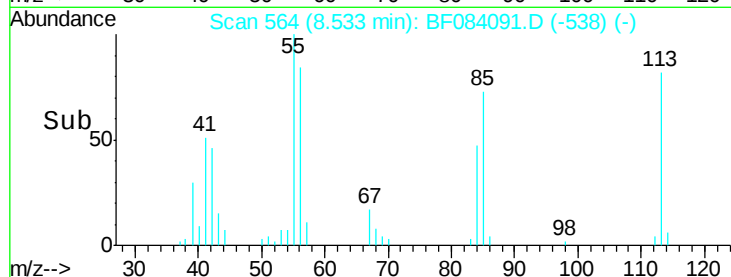
#35
 Caprolactam
 Concen: 26.25 ng
 RT: 8.53 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tgt Ion:113 Resp: 22232
 Ion Ratio Lower Upper
 113 100
 55 121.4 116.9 156.9
 56 101.4 93.8 133.8

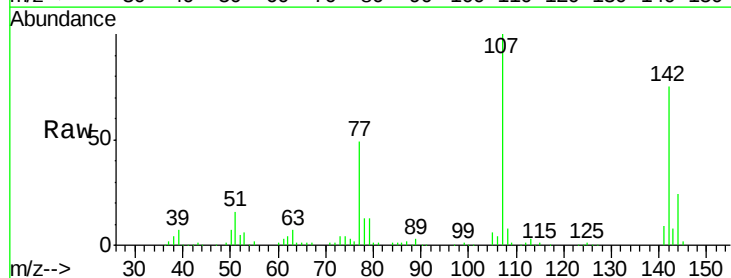


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

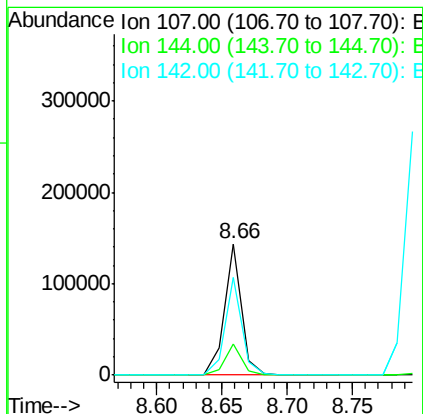
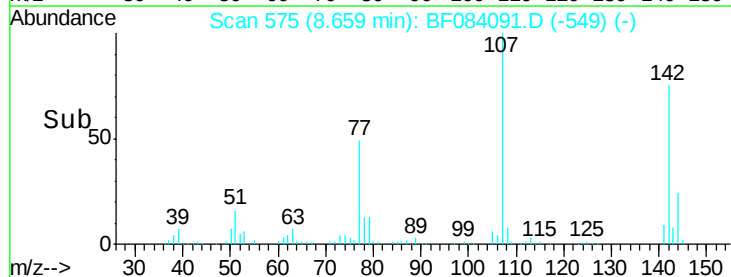


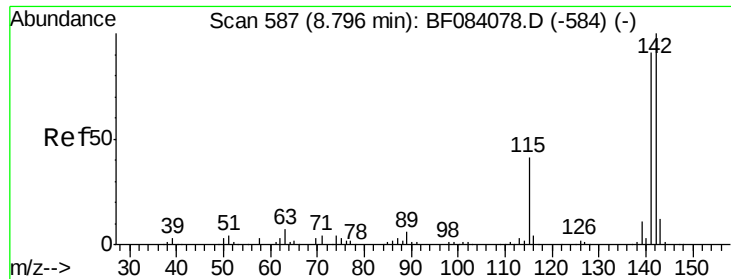
#36
 4-Chloro-3-methylphenol
 Concen: 38.43 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:107 Resp: 131940
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.7 29.5
 142 75.0 61.8 92.6



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

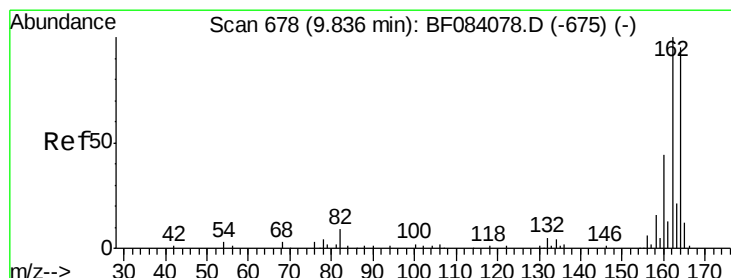
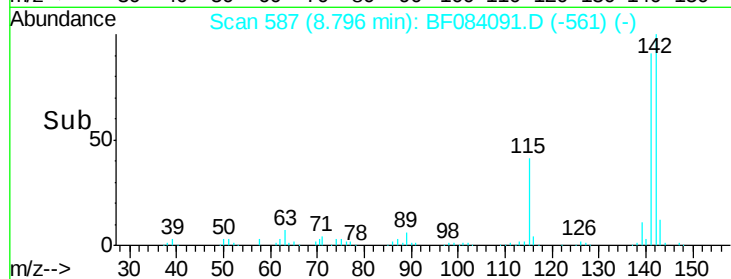
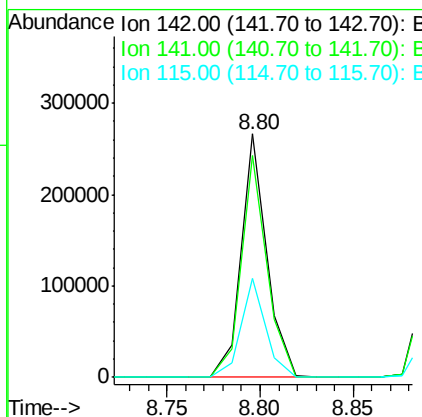
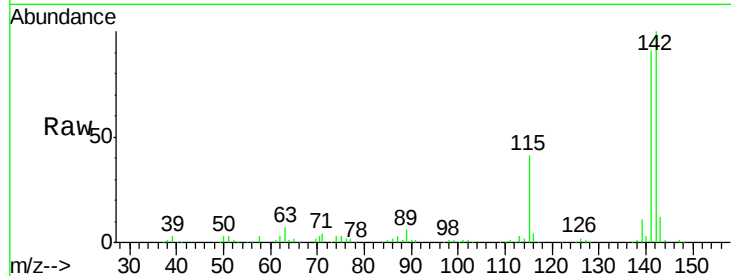




#37
 2-Methylnaphthalene
 Concen: 35.80 ng
 RT: 8.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

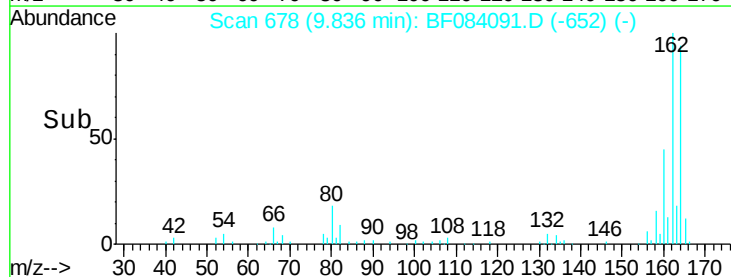
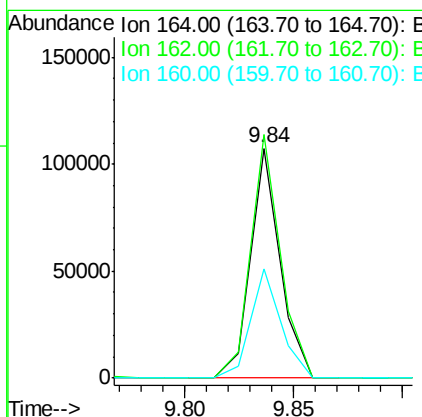
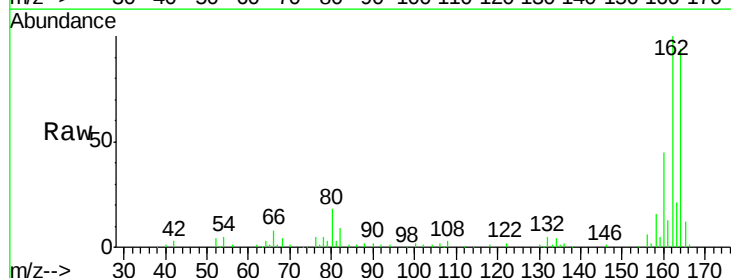
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

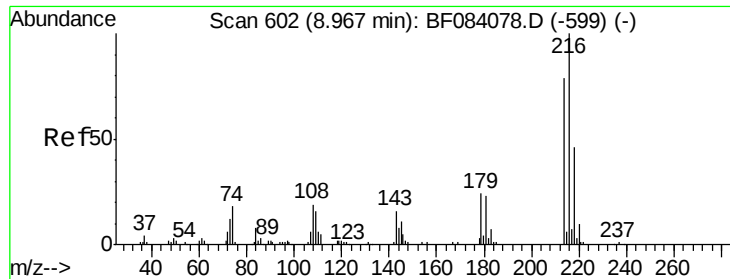
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.4	108.6
115	40.6	27.9	41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.1	127.7
160	47.4	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.32 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

Tgt Ion:216 Resp: 115755

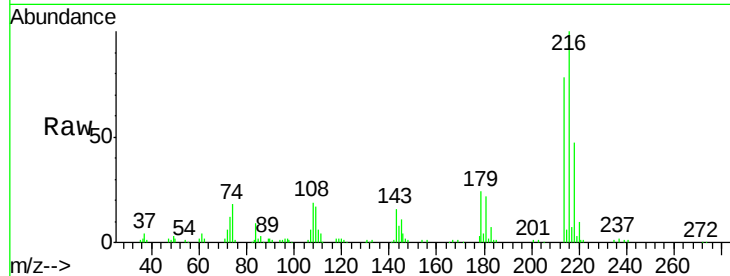
Ion Ratio Lower Upper

216 100

214 77.8 64.2 96.2

179 23.6 18.7 28.1

108 21.4 16.8 25.2

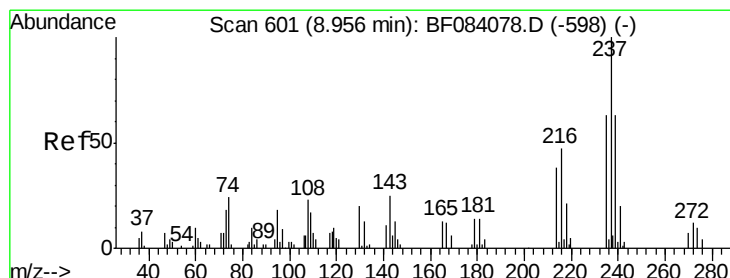
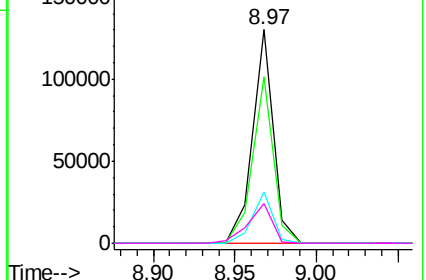
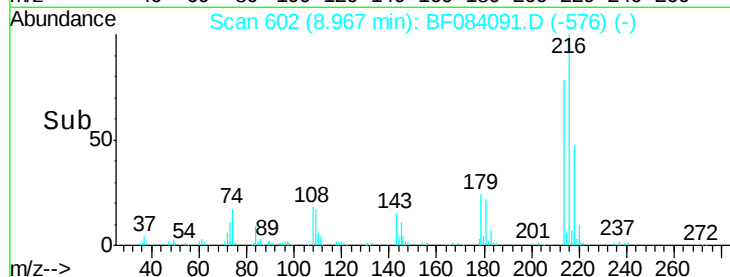


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.79 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

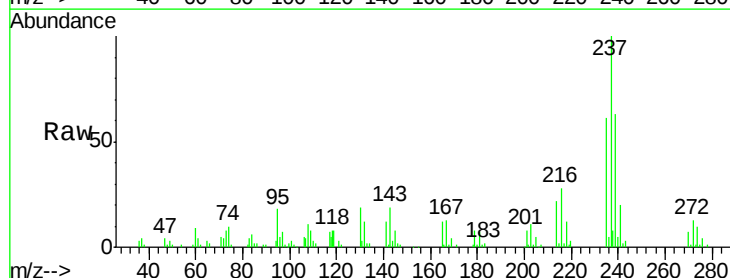
Tgt Ion:237 Resp: 70136

Ion Ratio Lower Upper

237 100

235 61.2 43.1 83.1

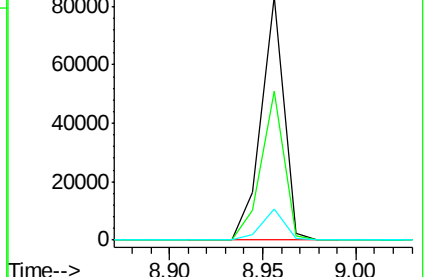
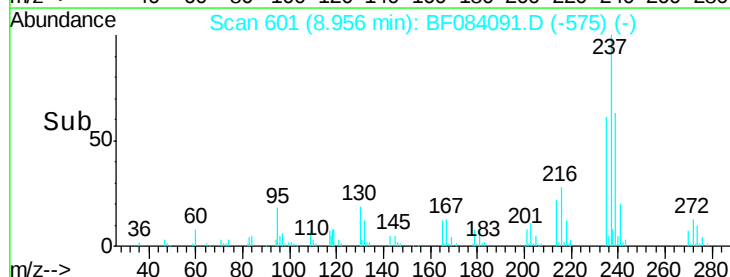
272 12.7 0.0 35.1

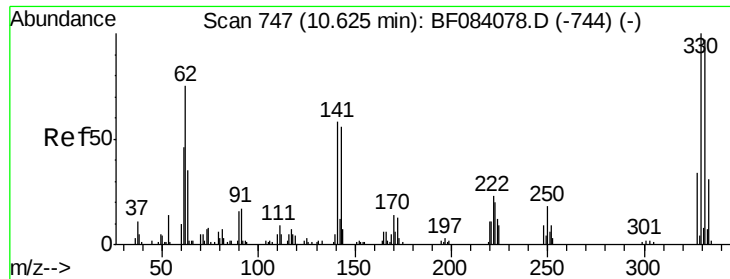


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

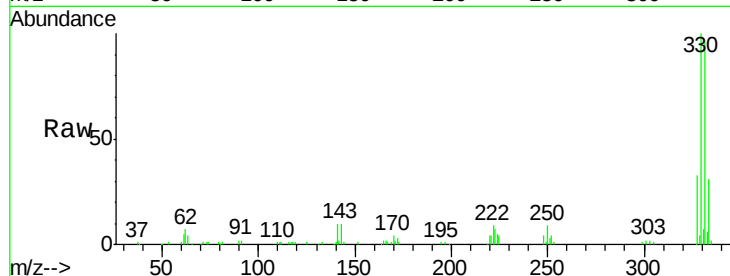




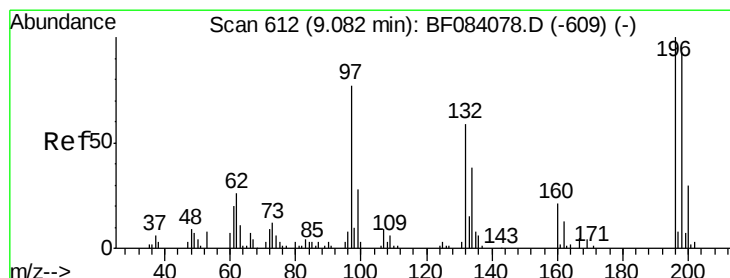
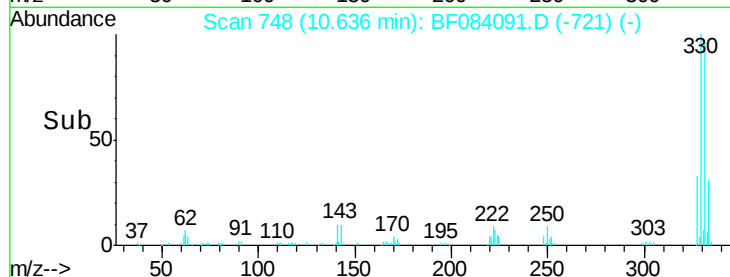
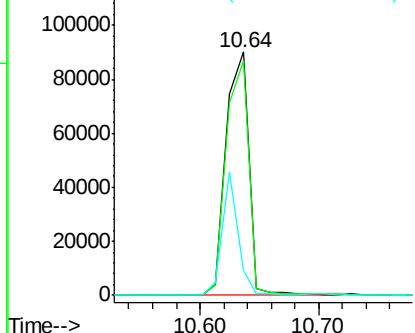
#41
 2,4,6-Tribromophenol
 Concen: 111.24 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tgt Ion:330 Resp: 119917
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 34.9 27.8 41.6

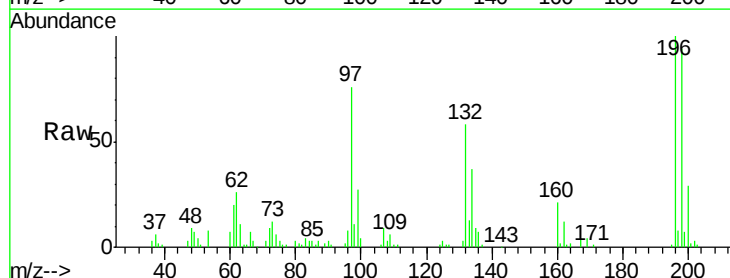


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

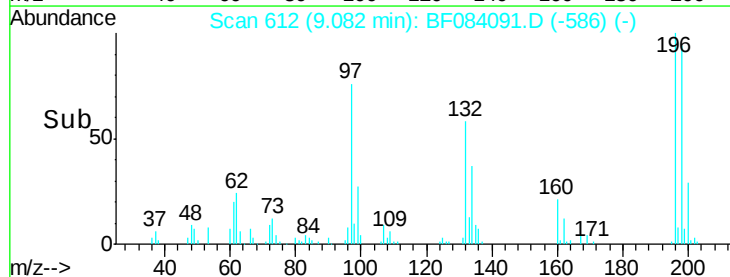
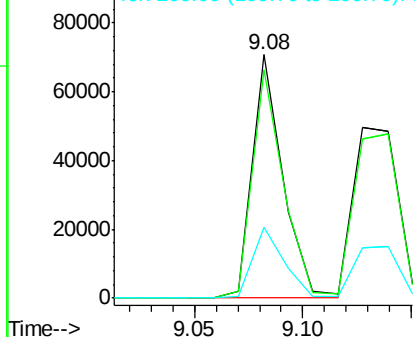


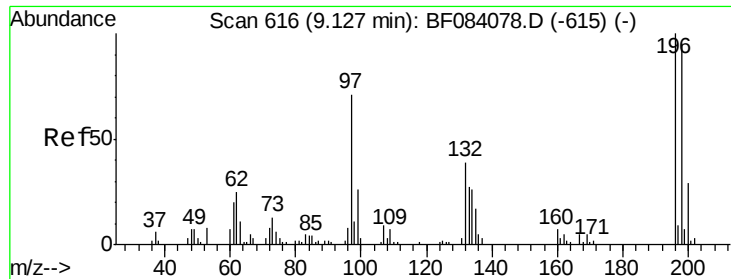
#42
 2,4,6-Trichlorophenol
 Concen: 33.32 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:196 Resp: 69239
 Ion Ratio Lower Upper
 196 100
 198 93.7 77.7 116.5
 200 29.2 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

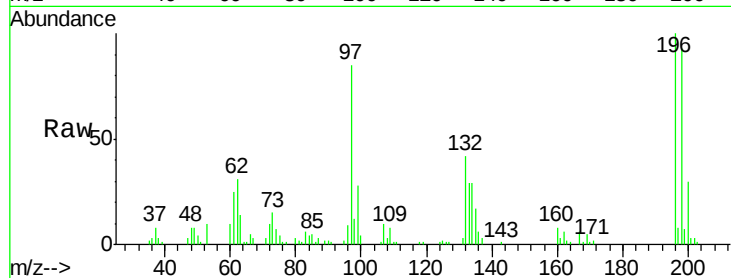




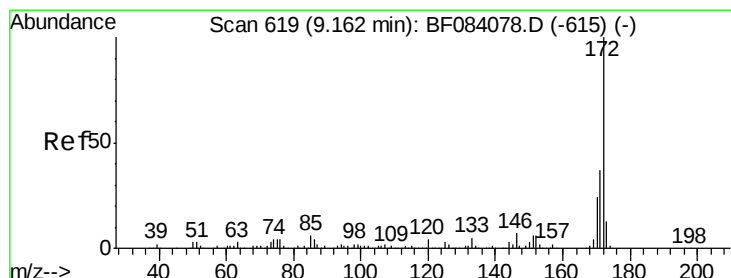
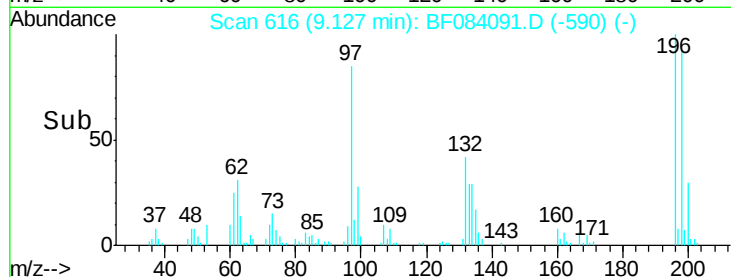
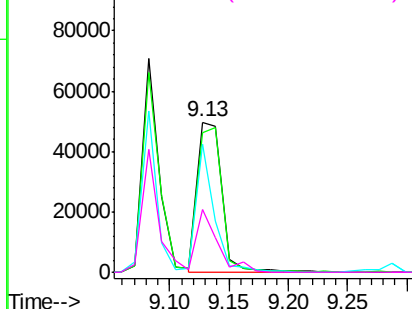
#43
 2,4,5-Trichlorophenol
 Concen: 35.21 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tgt Ion:196 Resp: 73236
 Ion Ratio Lower Upper
 196 100
 198 93.3 79.0 118.6
 97 85.2 33.0 49.6#
 132 41.9 21.1 31.7#

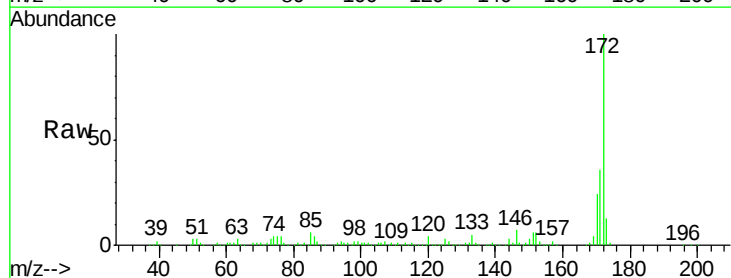


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

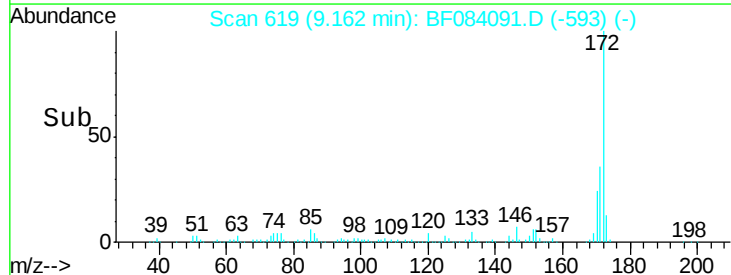
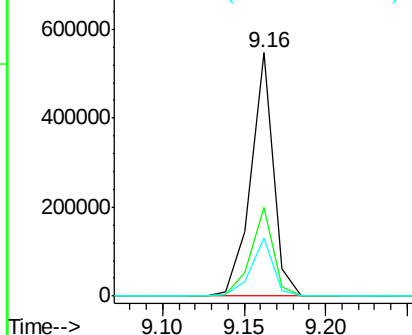


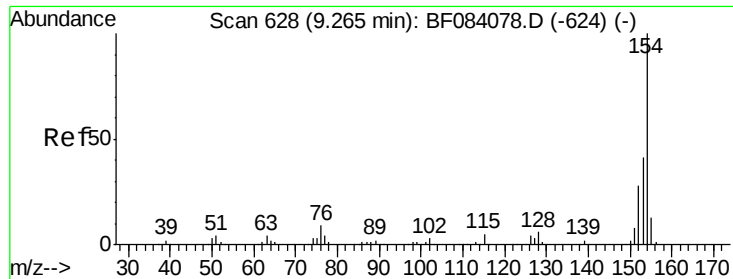
#44
 2-Fluorobiphenyl
 Concen: 71.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:172 Resp: 524939
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.8 18.6 27.8



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

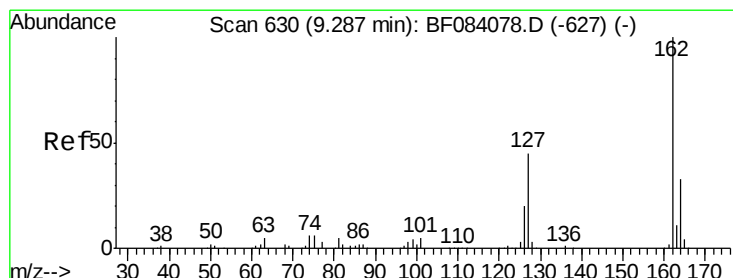
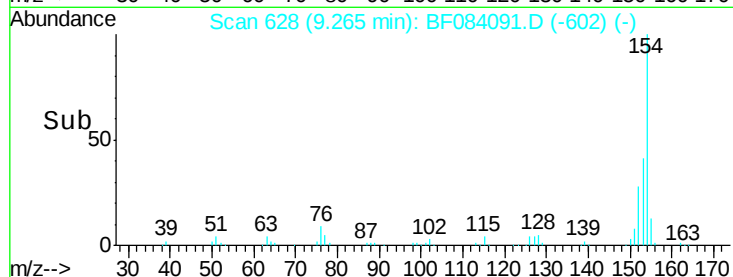
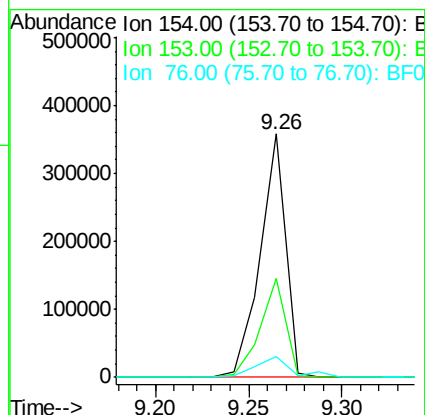
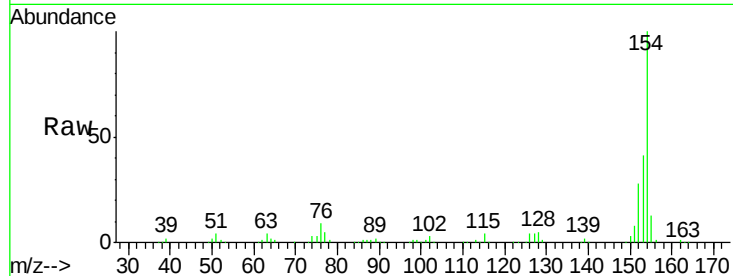




#45
1,1'-Biphenyl
Concen: 36.91 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

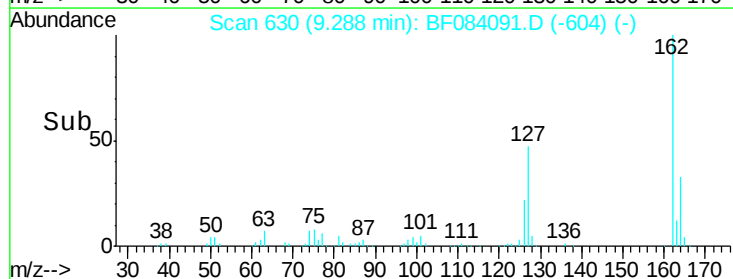
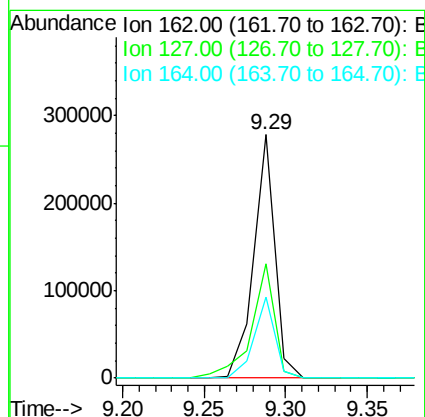
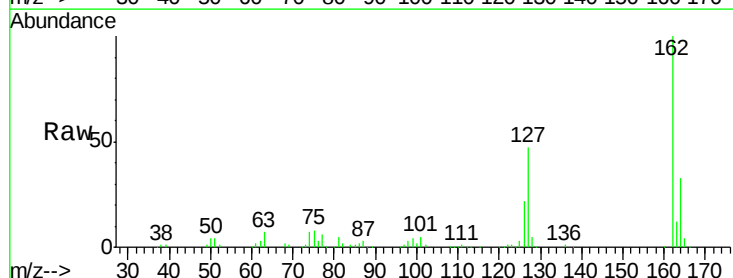
Instrument :
BNA_F
ClientSampleId :
PB87543BS

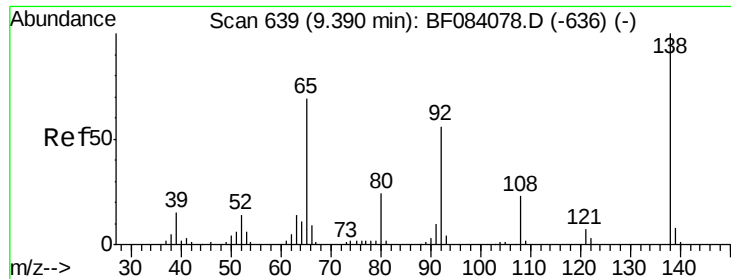
Tgt Ion:154 Resp: 337085
Ion Ratio Lower Upper
154 100
153 40.5 21.6 61.6
76 8.7 0.0 32.7



#46
2-Chloronaphthalene
Concen: 36.06 ng
RT: 9.29 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:162 Resp: 250339
Ion Ratio Lower Upper
162 100
127 46.9 40.2 60.4
164 33.1 25.7 38.5

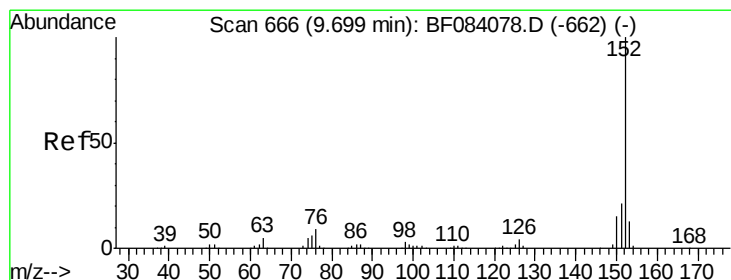
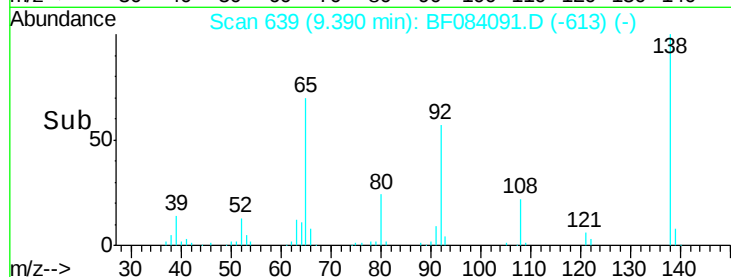
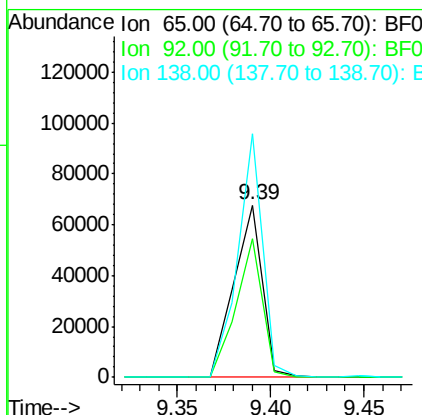
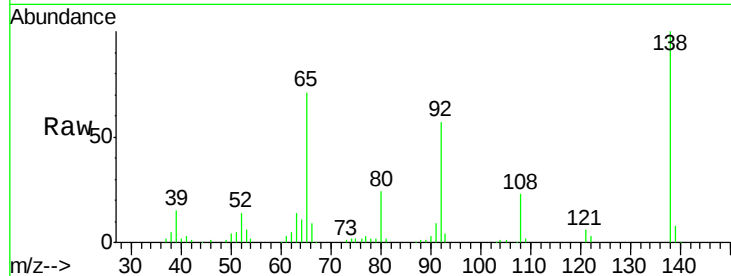




#47
2-Nitroaniline
Concen: 39.13 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

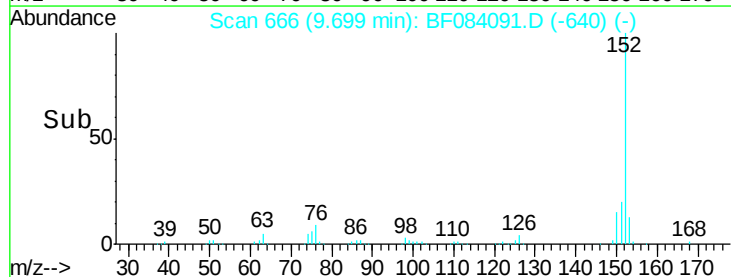
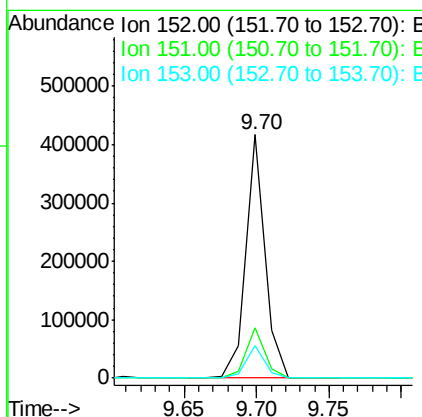
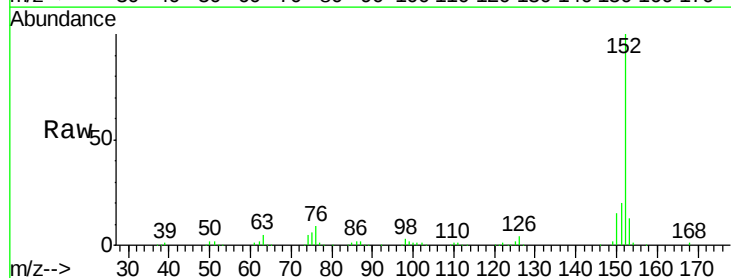
Instrument :
BNA_F
ClientSampleId :
PB87543BS

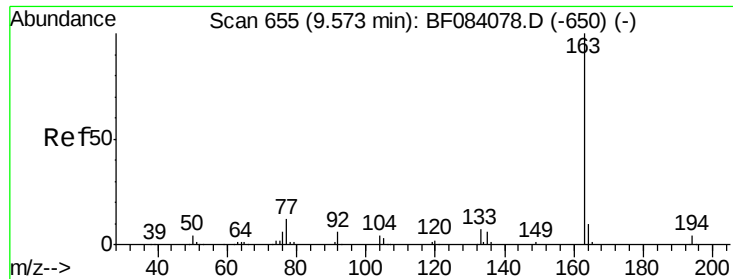
Tgt Ion: 65 Resp: 72193
Ion Ratio Lower Upper
65 100
92 80.5 53.4 80.2#
138 141.4 71.1 106.7#



#48
Acenaphthylene
Concen: 33.61 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion: 152 Resp: 383207
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.4 15.6





#49

Dimethylphthalate

Concen: 36.26 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

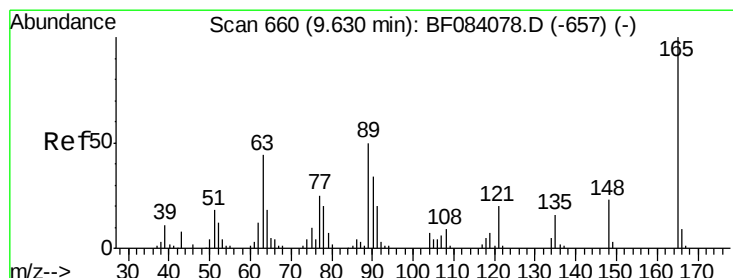
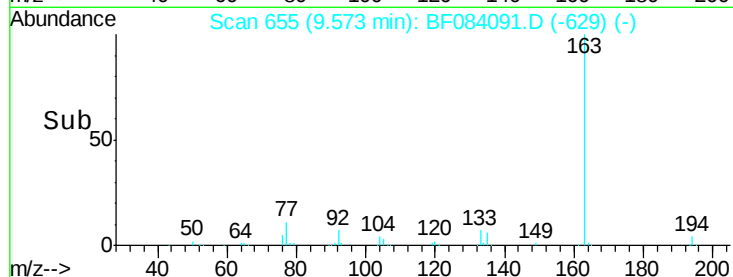
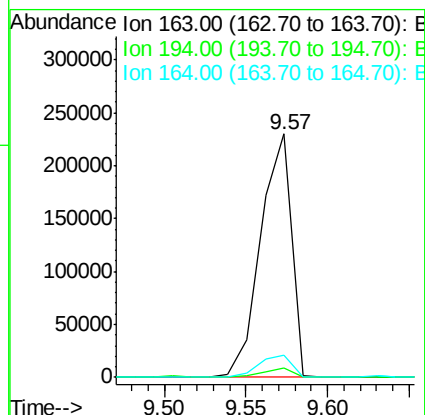
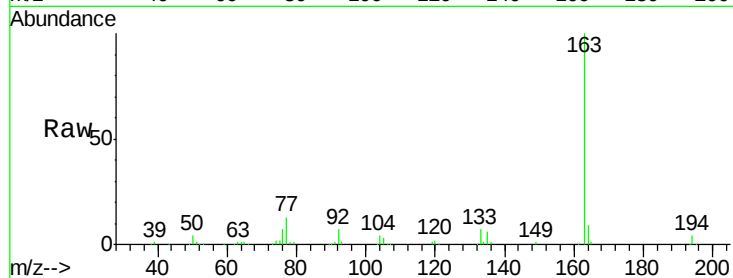
Instrument :

BNA_F

ClientSampleId :

PB87543BS

Tgt Ion:	163	Resp:	303527
Ion	Ratio	Lower	Upper
163	100		
194	3.8	8.0	12.0#
164	9.4	8.0	12.0



#50

2,6-Dinitrotoluene

Concen: 39.90 ng

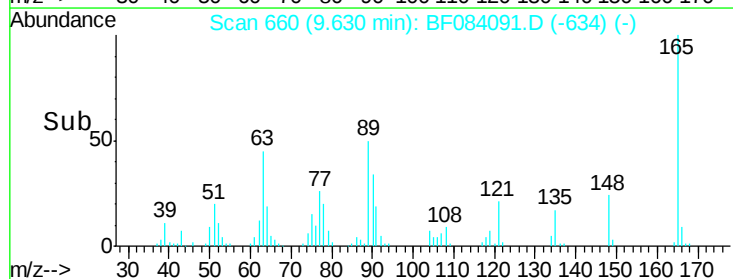
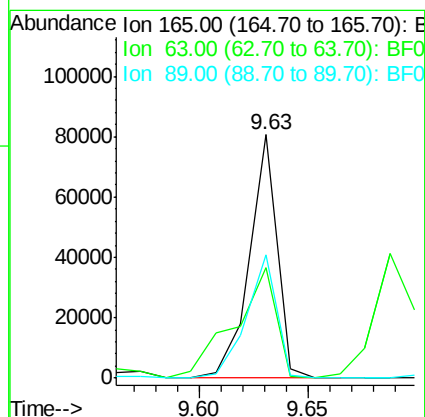
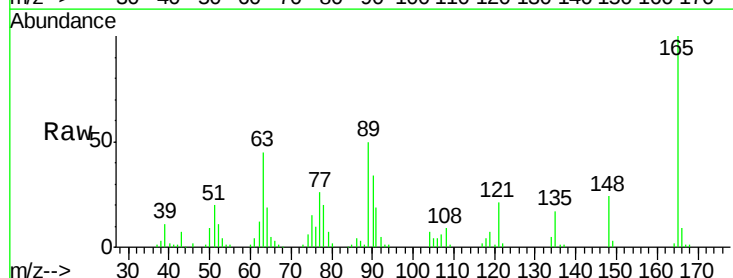
RT: 9.63 min Scan# 660

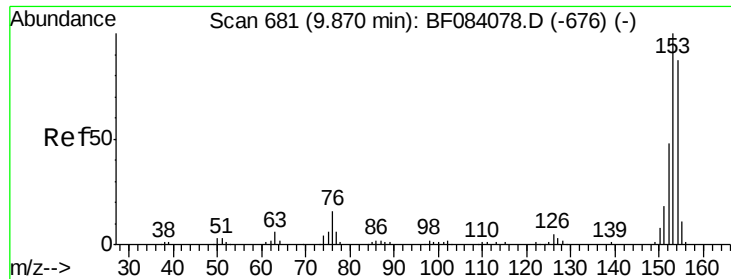
Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion:	165	Resp:	70906
Ion	Ratio	Lower	Upper
165	100		
63	45.4	28.8	43.2#
89	50.4	35.1	52.7





#51

Acenaphthene

Concen: 33.83 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

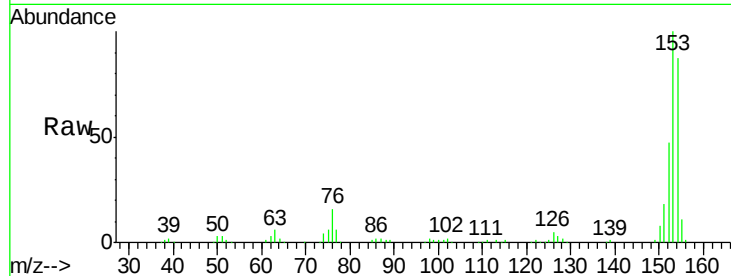
Tgt Ion:154 Resp: 224345

Ion Ratio Lower Upper

154 100

153 115.0 91.5 137.3

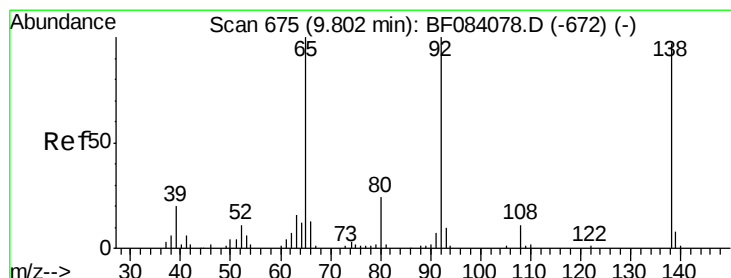
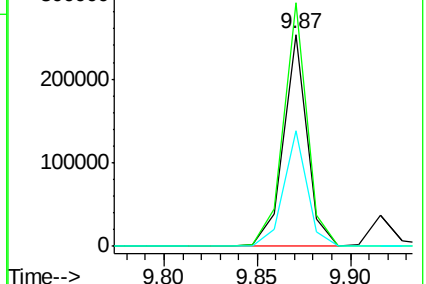
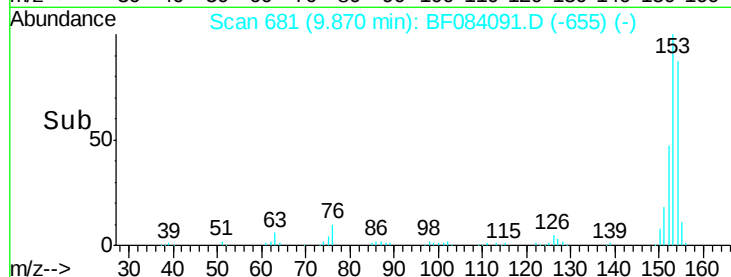
152 54.5 43.0 64.6



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: 29.38 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

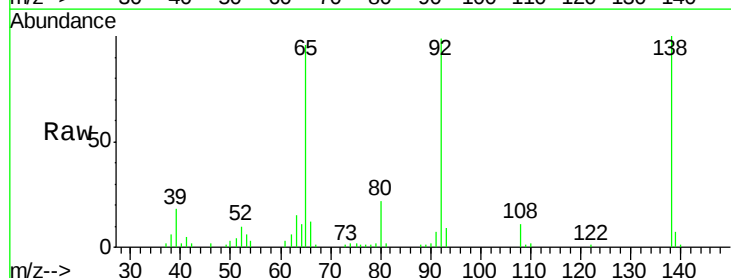
Tgt Ion:138 Resp: 56038

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

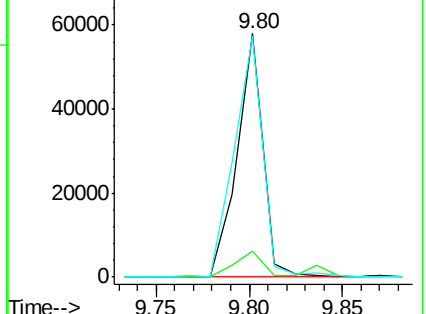
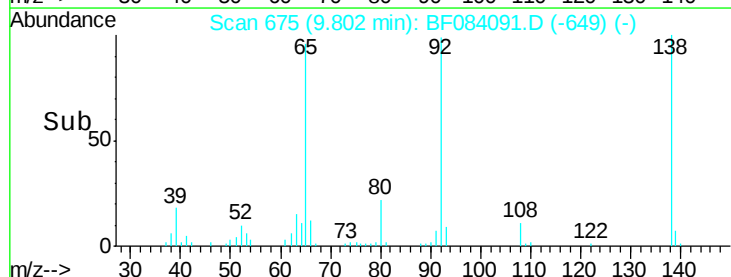
92 98.9 103.9 155.9#

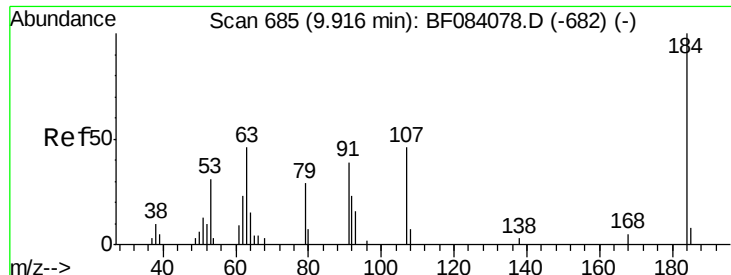


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

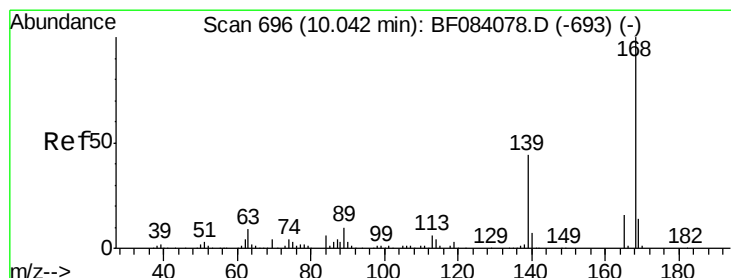
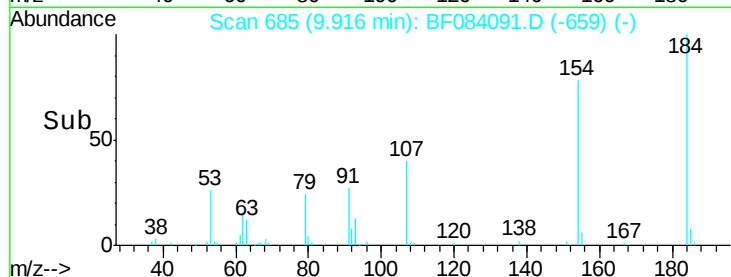
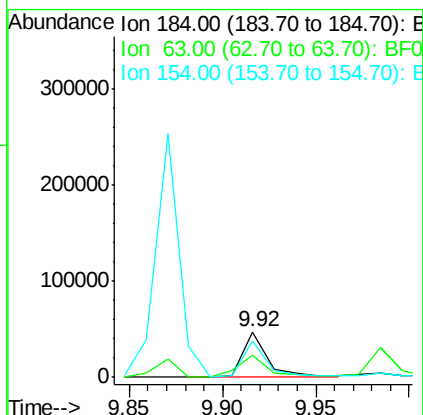
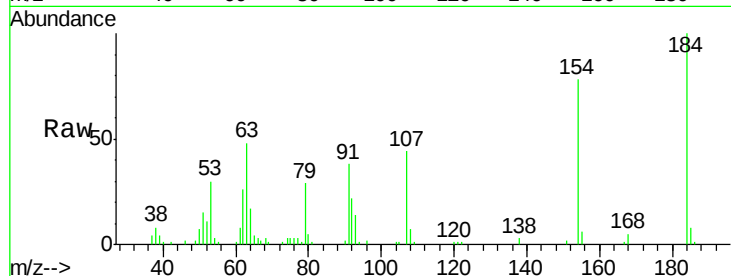




#53
 2,4-Dinitrophenol
 Concen: 69.28 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

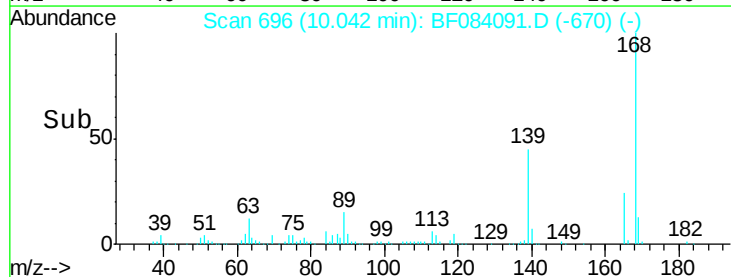
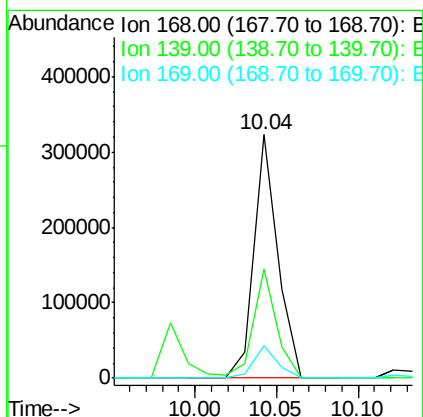
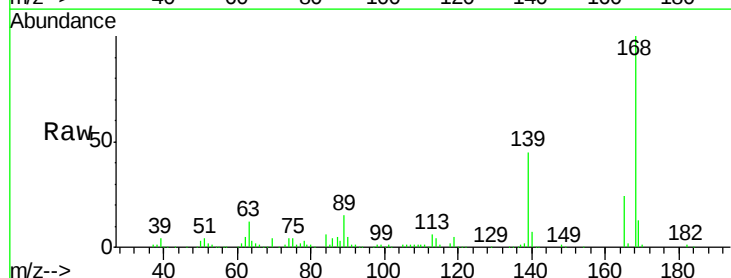
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

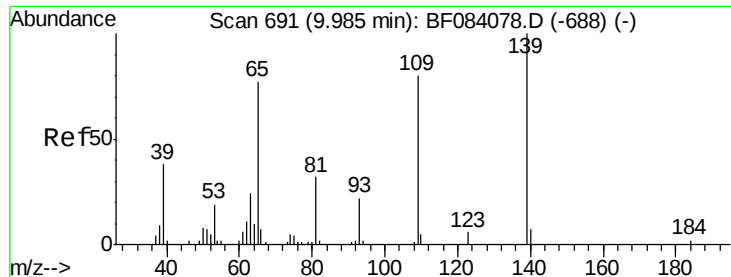
Tgt Ion:184 Resp: 45047
 Ion Ratio Lower Upper
 184 100
 63 47.7 43.1 64.7
 154 78.1 60.5 90.7



#54
 Dibenzofuran
 Concen: 35.84 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:168 Resp: 326813
 Ion Ratio Lower Upper
 168 100
 139 45.1 30.5 45.7
 169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 71.76 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

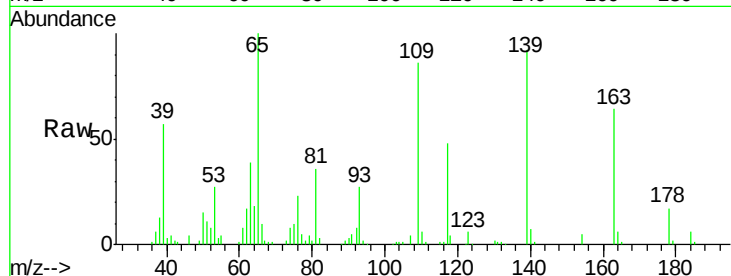
Tgt Ion:139 Resp: 69849

Ion Ratio Lower Upper

139 100

109 93.4 58.5 98.5

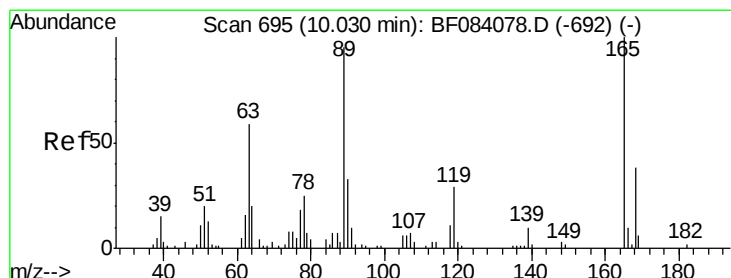
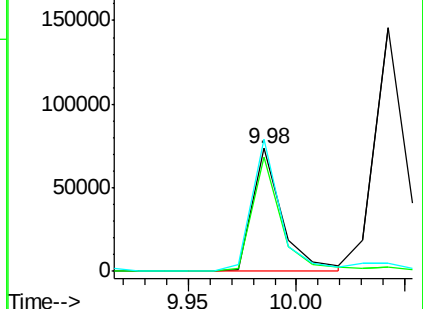
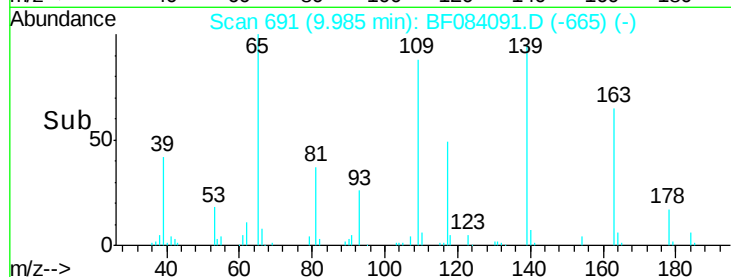
65 108.2 57.6 97.6#



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: 37.52 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion:165 Resp: 88008

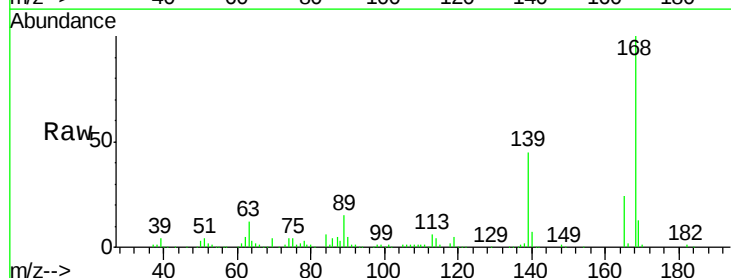
Ion Ratio Lower Upper

165 100

63 48.6 36.7 55.1

89 64.4 61.9 92.9

182 2.4 2.0 3.0

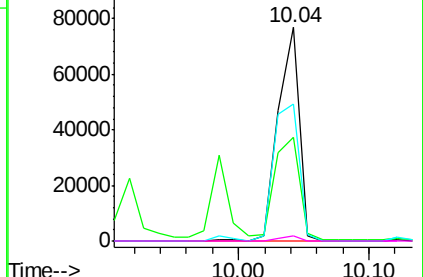
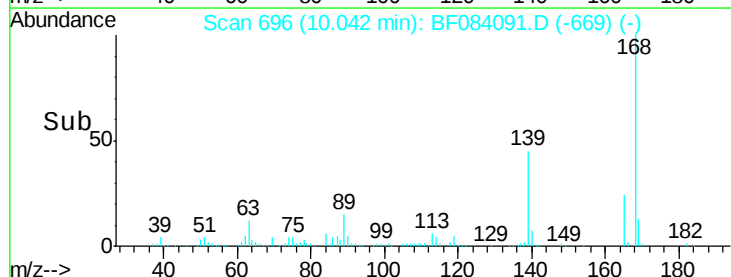


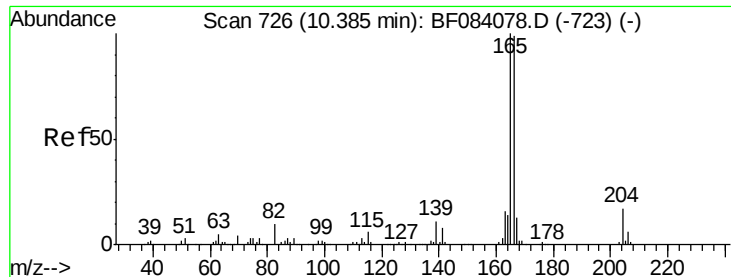
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

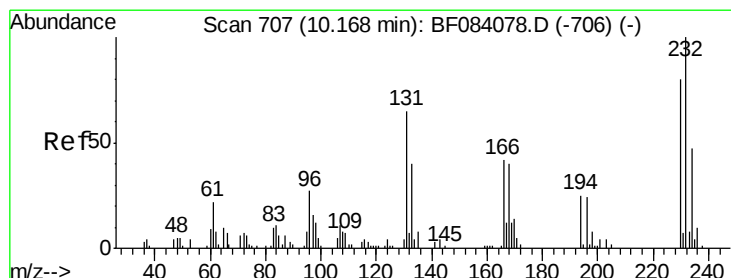
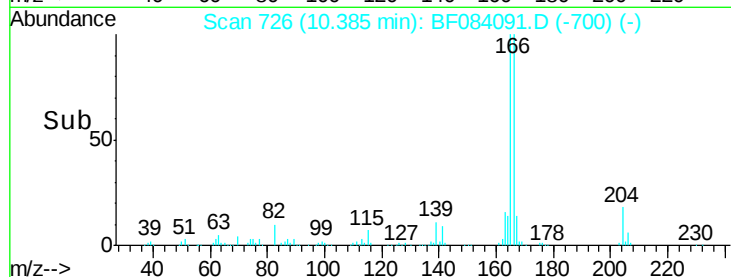
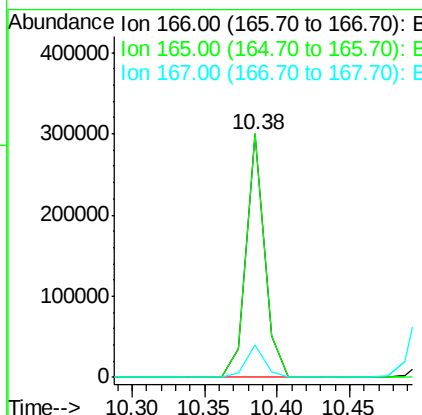
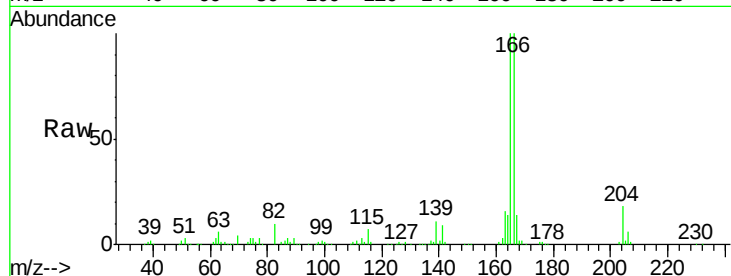




#57
 Fluorene
 Concen: 34.35 ng
 RT: 10.38 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

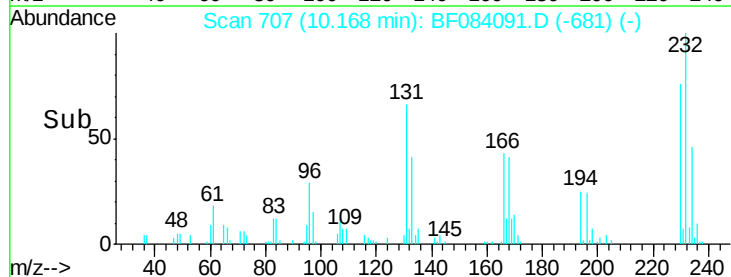
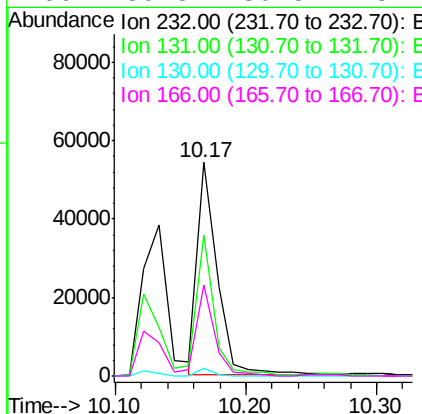
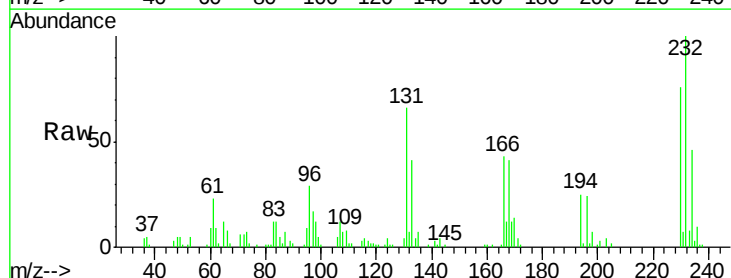
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

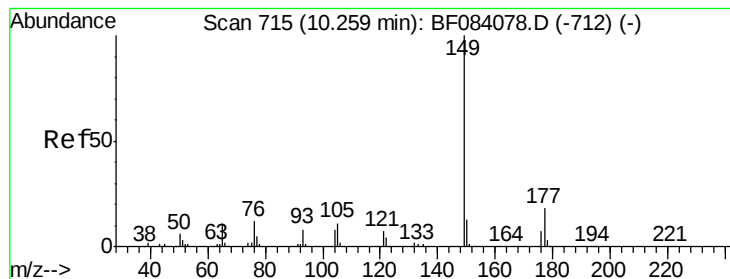
Tgt Ion:166 Resp: 266259
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.1 118.7
 167 13.5 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.37 ng
 RT: 10.17 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:232 Resp: 56893
 Ion Ratio Lower Upper
 232 100
 131 60.4 47.0 70.6
 130 2.9 2.0 3.0
 166 39.8 30.5 45.7





#59

Diethylphthalate

Concen: 35.02 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

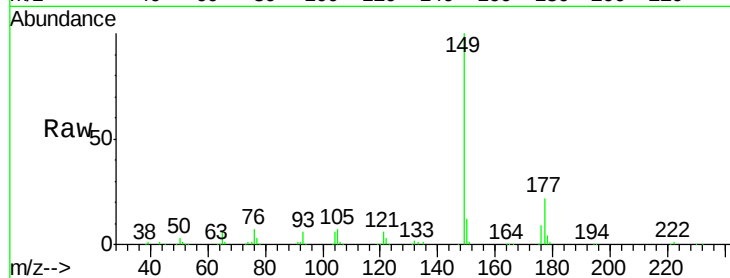
Tgt Ion:149 Resp: 297781

Ion Ratio Lower Upper

149 100

177 21.8 17.3 25.9

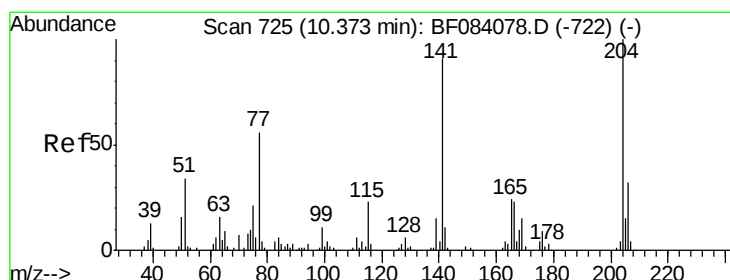
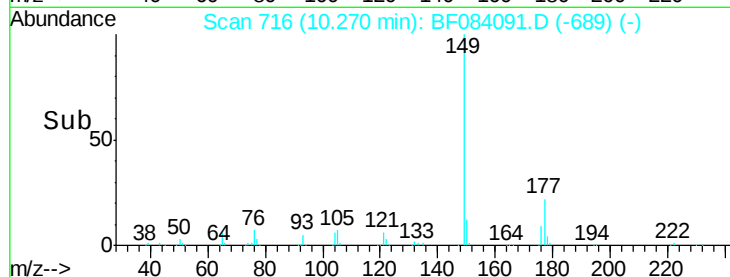
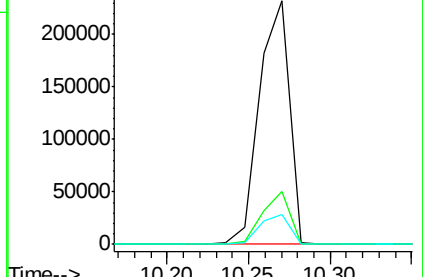
150 12.4 9.8 14.8



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: 33.19 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

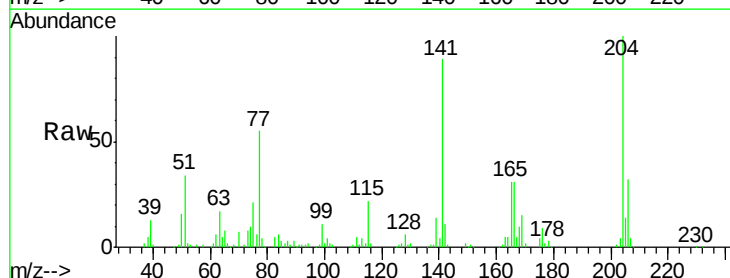
Tgt Ion:204 Resp: 118636

Ion Ratio Lower Upper

204 100

206 32.1 25.7 38.5

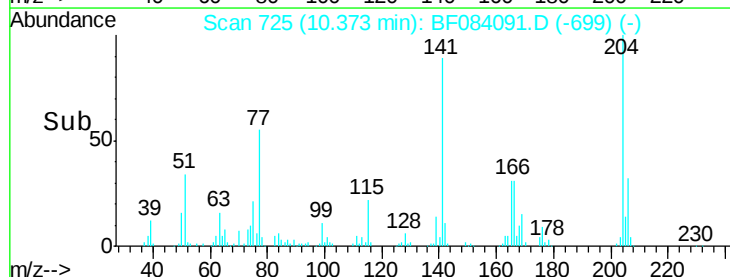
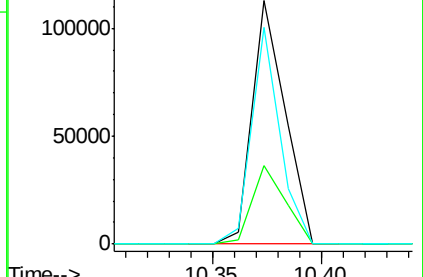
141 88.8 55.1 82.7#

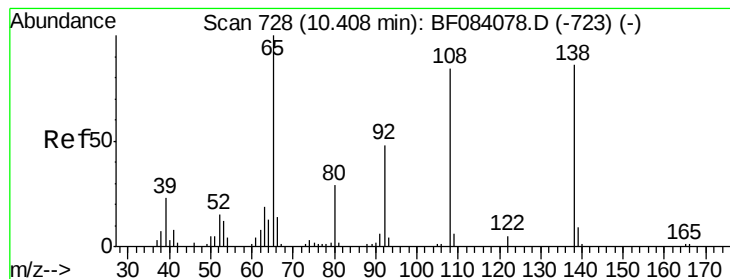


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.88 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

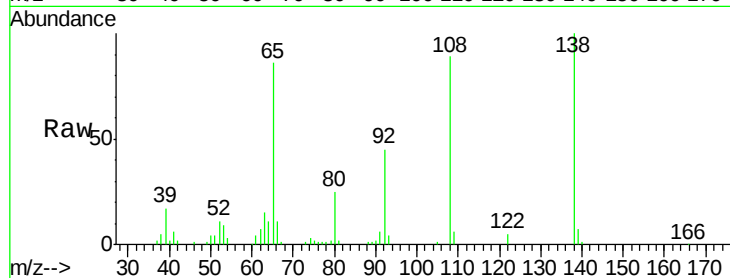
Tgt Ion:138 Resp: 73822

Ion Ratio Lower Upper

138 100

92 45.1 32.6 72.6

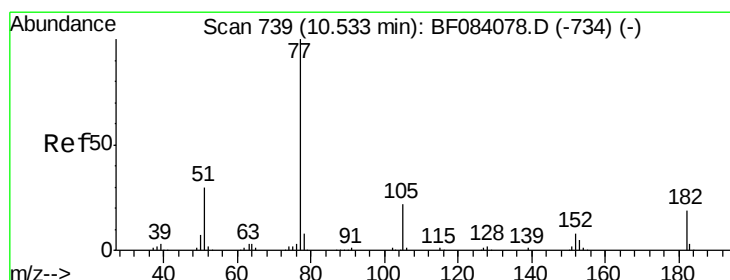
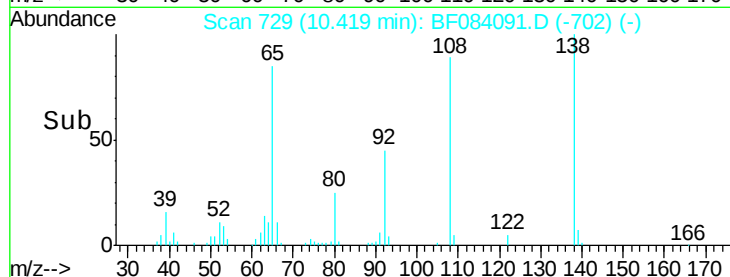
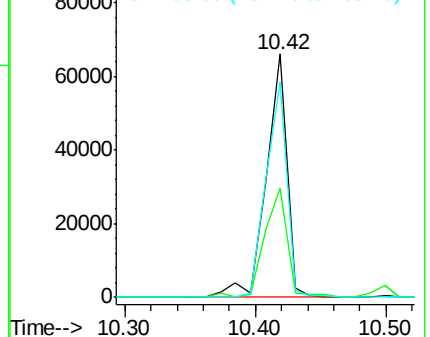
108 88.6 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.86 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Tgt Ion: 77 Resp: 272256

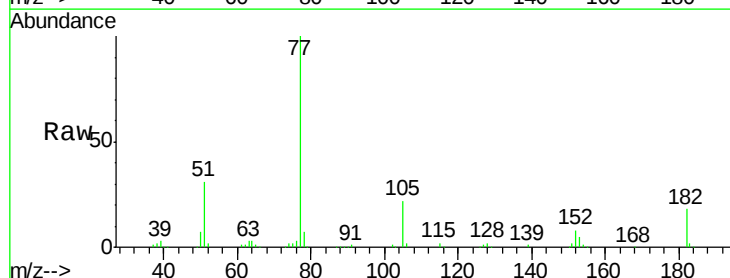
Ion Ratio Lower Upper

77 100

182 17.6 8.3 48.3

105 21.5 4.6 44.6

51 30.6 6.2 46.2

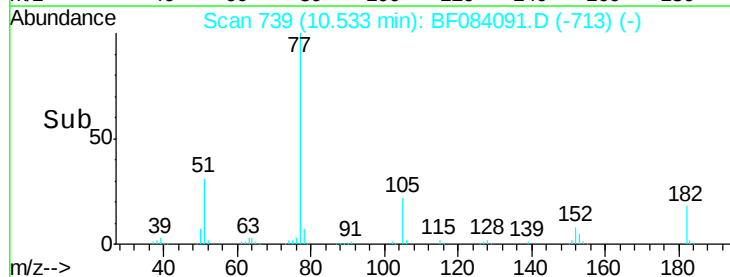
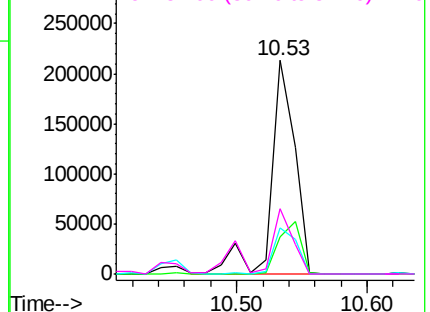


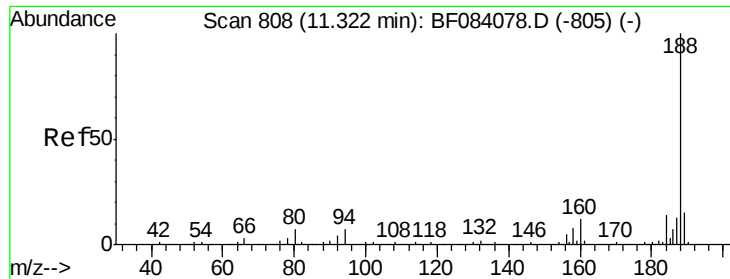
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

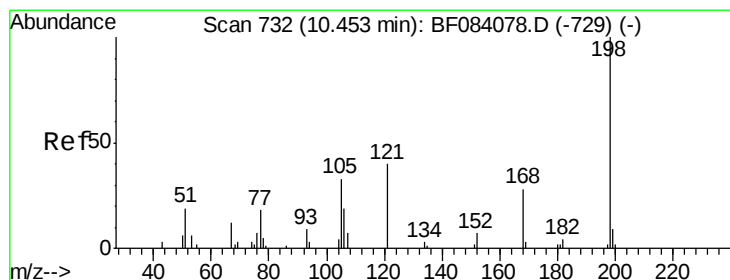
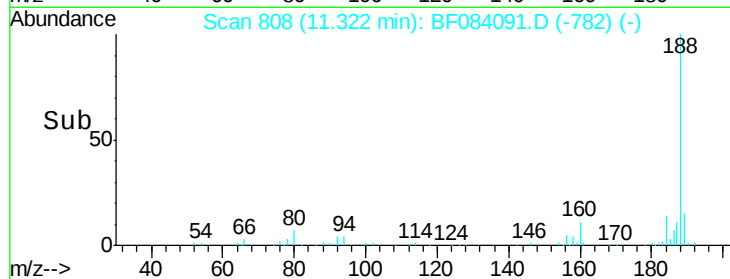
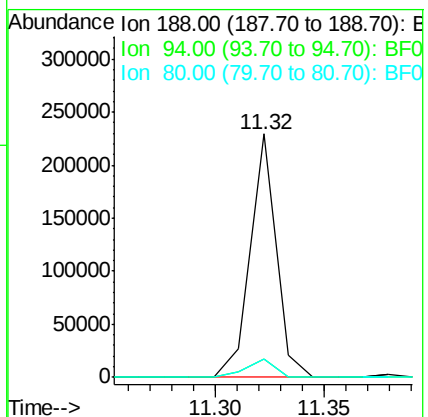
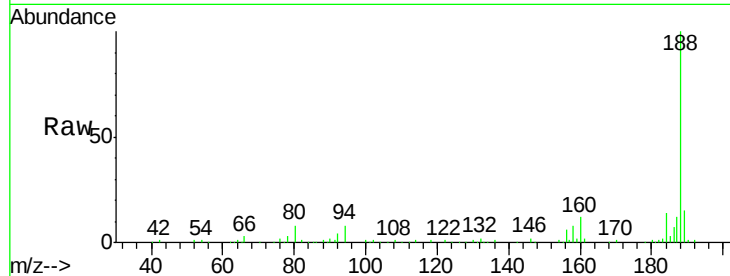




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

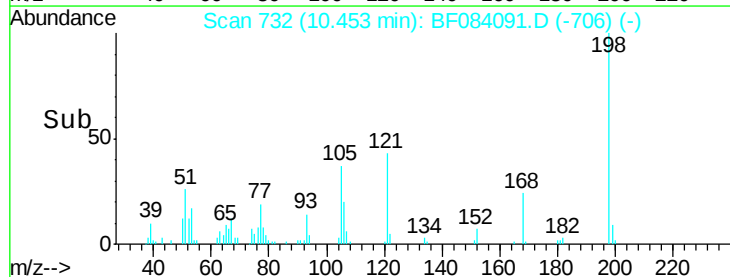
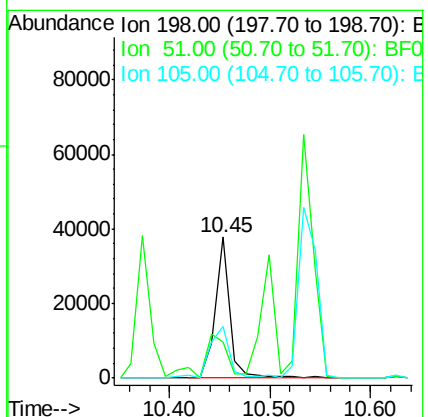
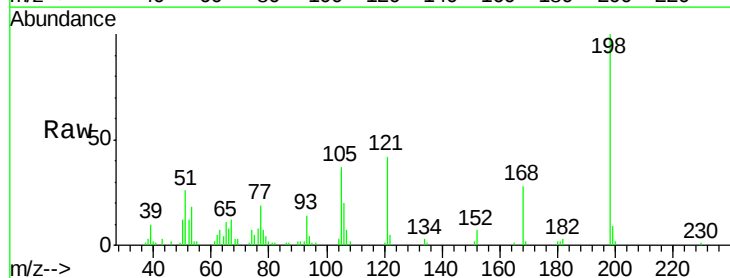
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

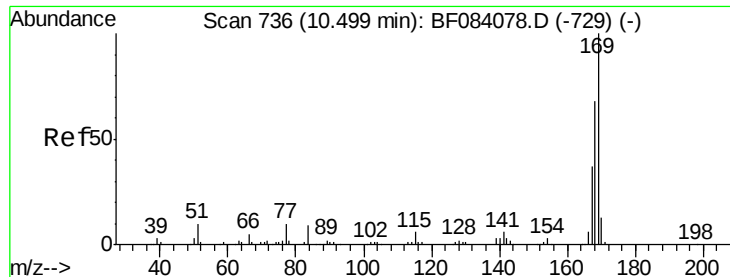
Tgt Ion:188 Resp: 190530
 Ion Ratio Lower Upper
 188 100
 94 7.6 9.0 13.4#
 80 7.7 9.6 14.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.66 ng
 RT: 10.45 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:198 Resp: 37716
 Ion Ratio Lower Upper
 198 100
 51 26.1 18.9 58.9
 105 37.0 26.4 66.4

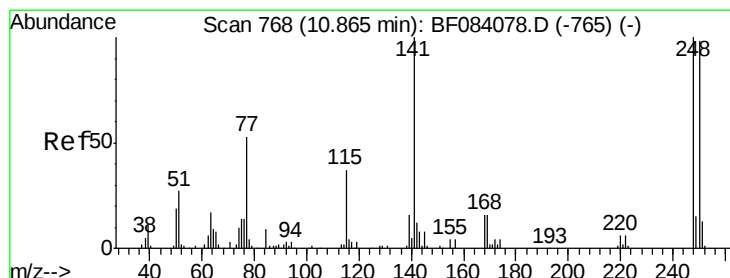
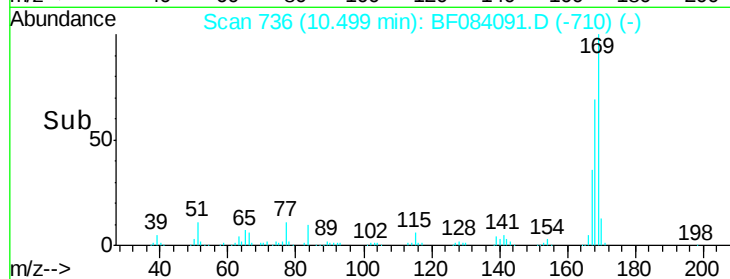
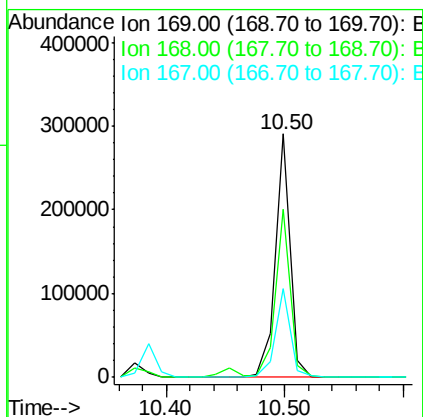
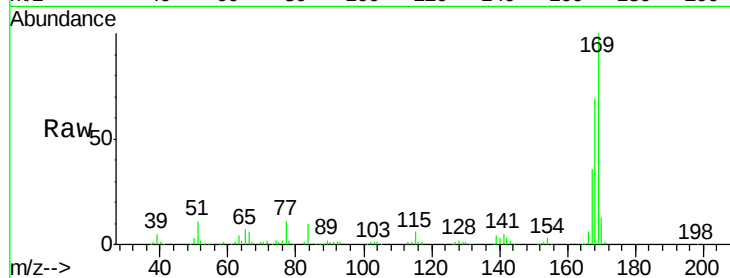




#65
n-Nitrosodiphenylamine
Concen: 37.19 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

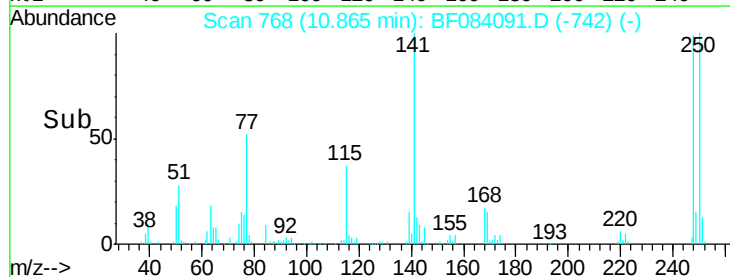
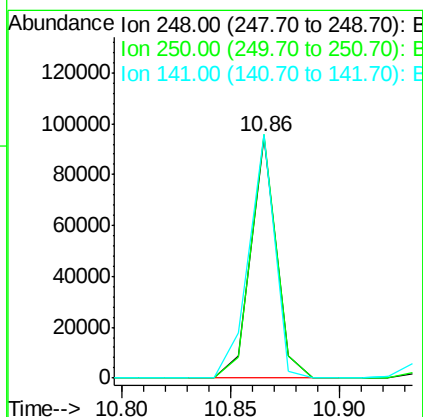
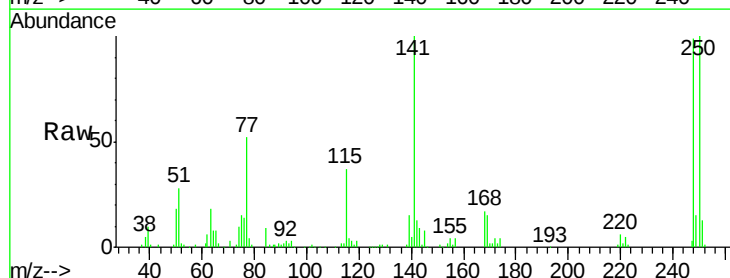
Instrument :
BNA_F
ClientSampleId :
PB87543BS

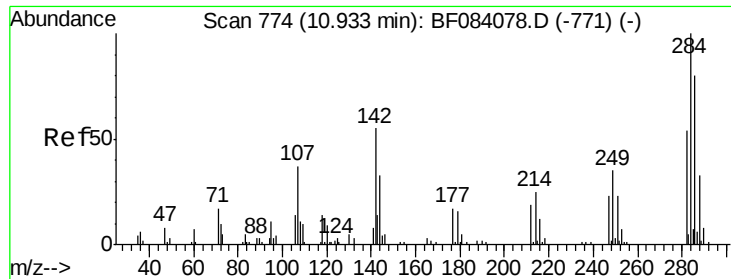
Tgt Ion:169 Resp: 252581
Ion Ratio Lower Upper
169 100
168 69.2 55.1 82.7
167 36.4 30.0 45.0



#66
4-Bromophenyl-phenylether
Concen: 34.94 ng
RT: 10.86 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:248 Resp: 77118
Ion Ratio Lower Upper
248 100
250 100.7 78.4 117.6
141 100.7 44.0 66.0#

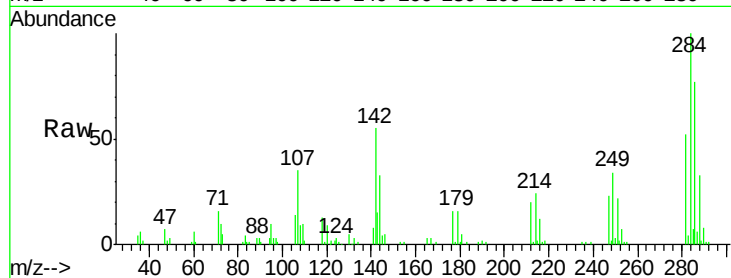




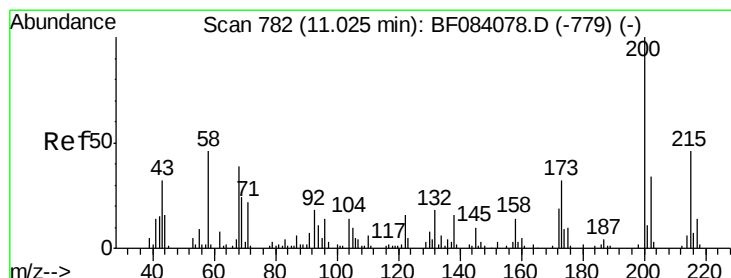
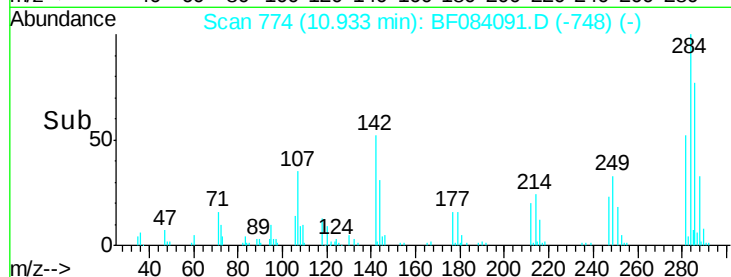
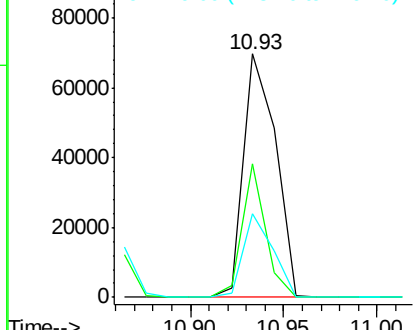
#67
Hexachlorobenzene
Concen: 34.53 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Instrument :
BNA_F
ClientSampleId :
PB87543BS

Tgt Ion:284 Resp: 83443
Ion Ratio Lower Upper
284 100
142 54.8 22.2 33.4#
249 34.5 24.6 37.0

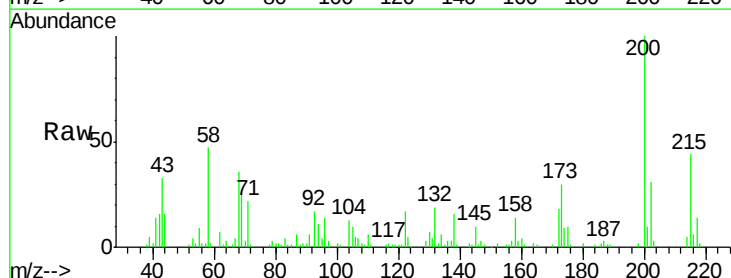


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

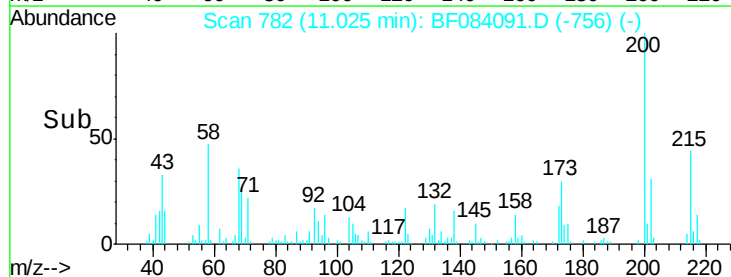
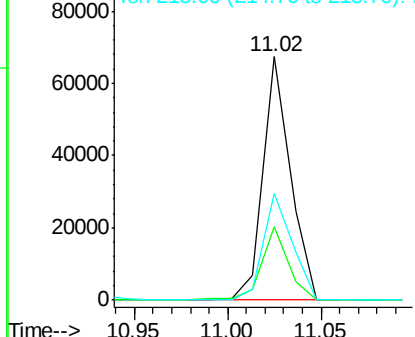


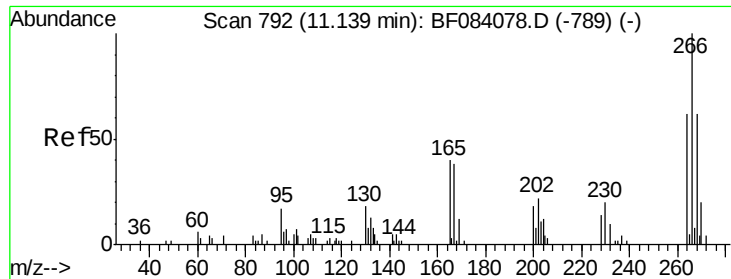
#68
Atrazine
Concen: 33.40 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:200 Resp: 68320
Ion Ratio Lower Upper
200 100
173 30.3 9.5 49.5
215 43.7 23.8 63.8



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

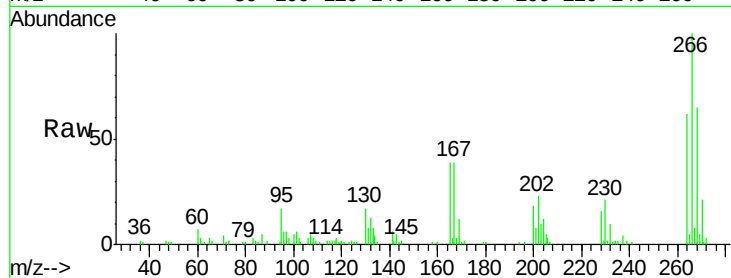




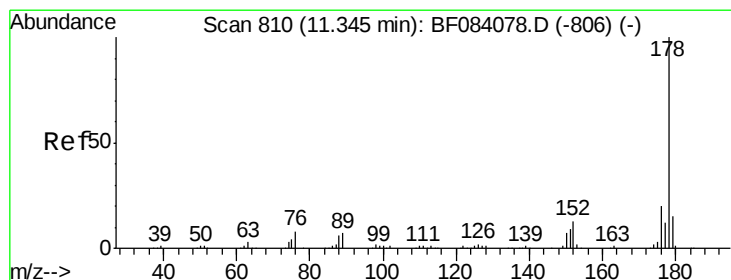
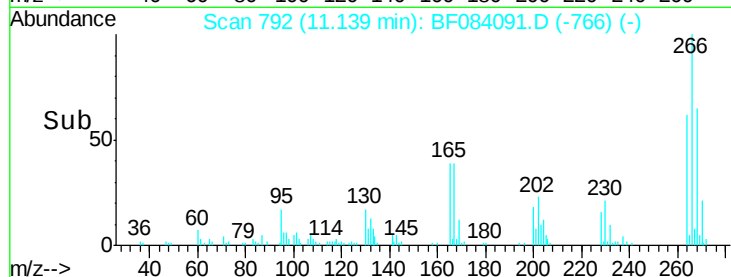
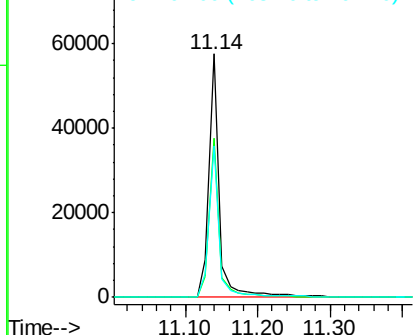
#69
 Pentachlorophenol
 Concen: 73.83 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tgt Ion:266 Resp: 58158
 Ion Ratio Lower Upper
 266 100
 268 65.1 52.4 78.6
 264 62.1 50.2 75.2

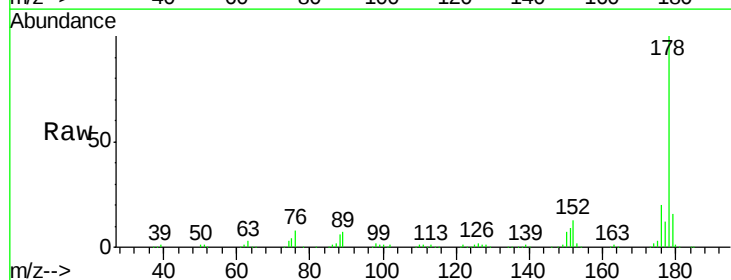


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

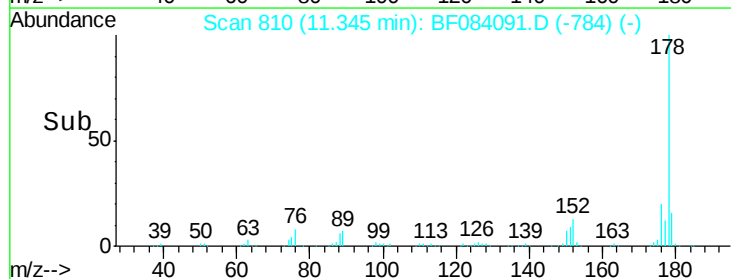
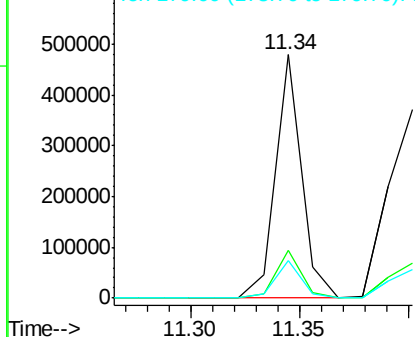


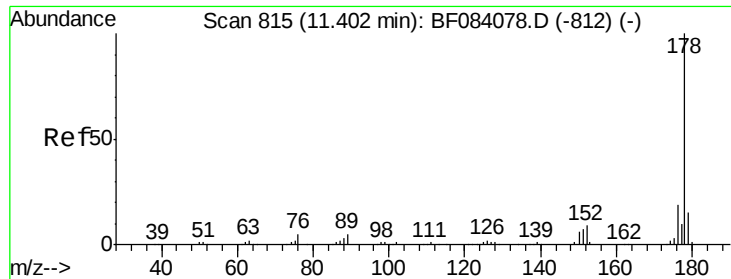
#70
 Phenanthrene
 Concen: 35.81 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:178 Resp: 404430
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 15.6 12.0 18.0



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

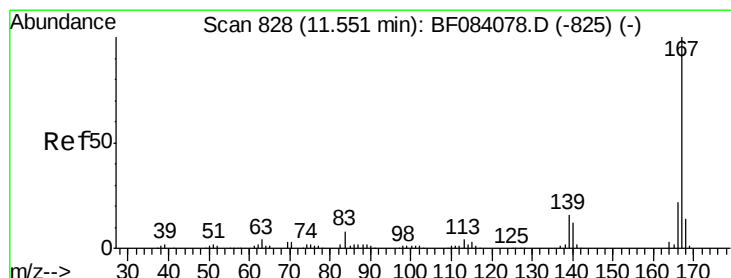
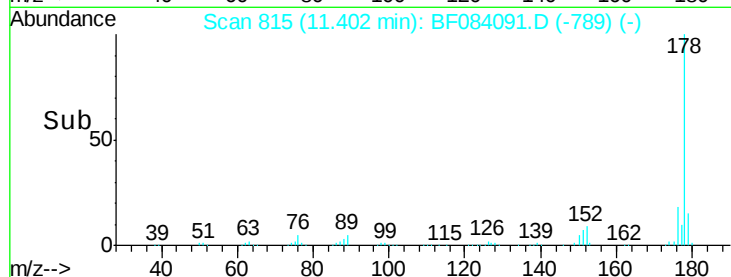
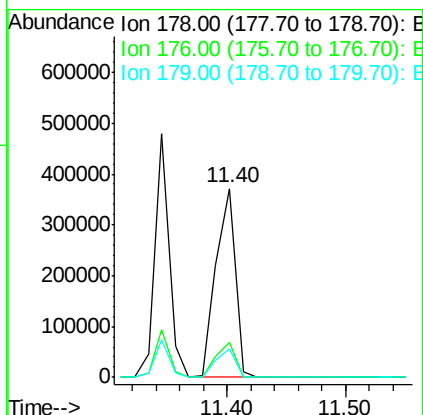
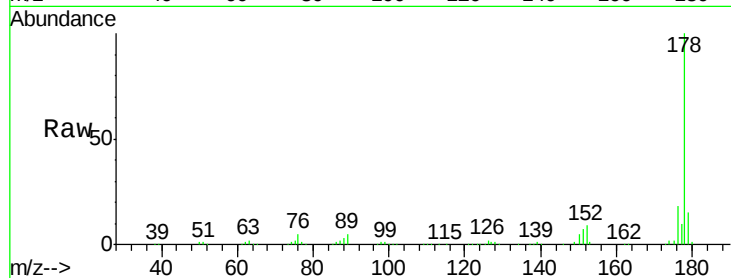




#71
 Anthracene
 Concen: 35.28 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

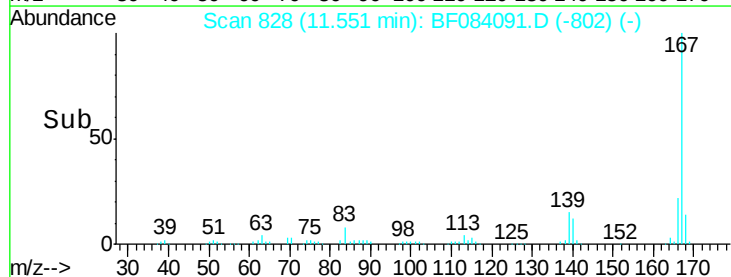
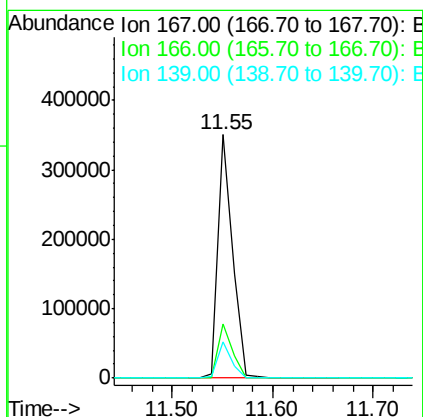
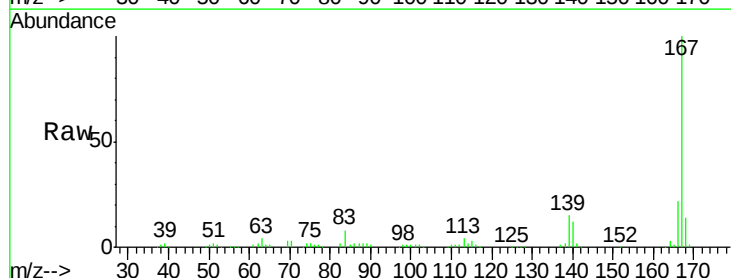
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

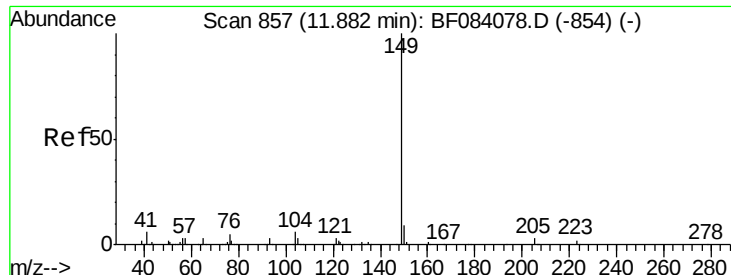
Tgt Ion:178 Resp: 416632
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.0
 179 15.2 12.5 18.7



#72
 Carbazole
 Concen: 35.16 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:167 Resp: 353274
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.9 11.8 17.8

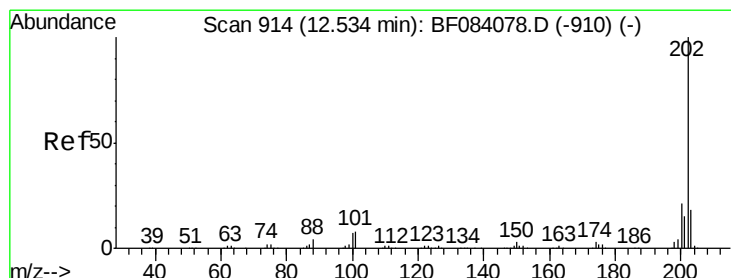
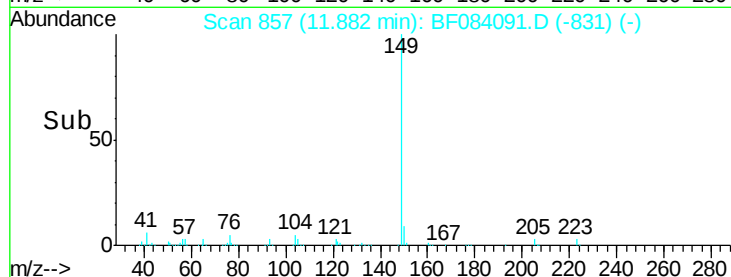
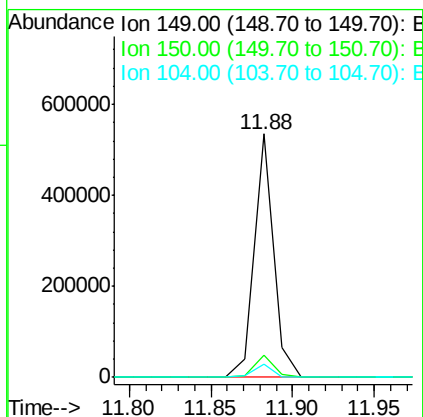
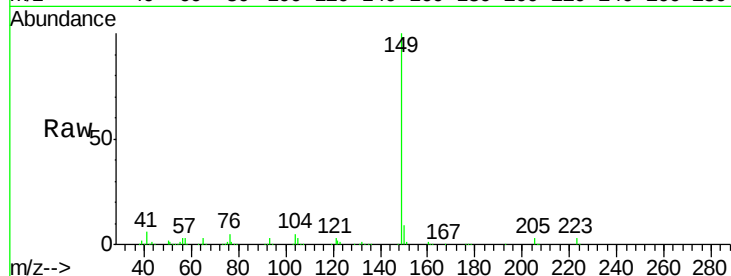




#73
Di-n-butylphthalate
Concen: 34.06 ng
RT: 11.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

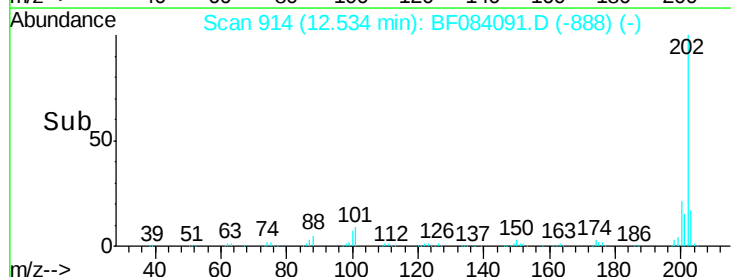
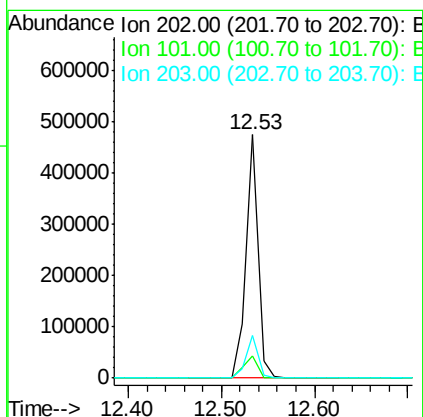
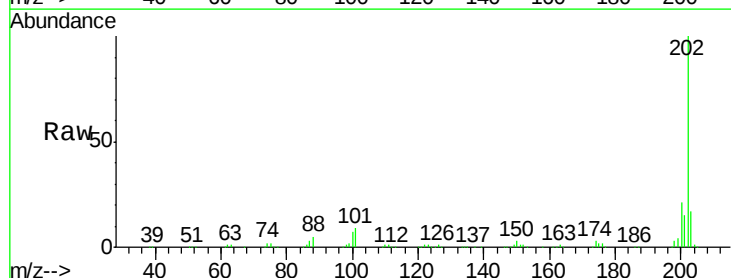
Instrument :
BNA_F
ClientSampleId :
PB87543BS

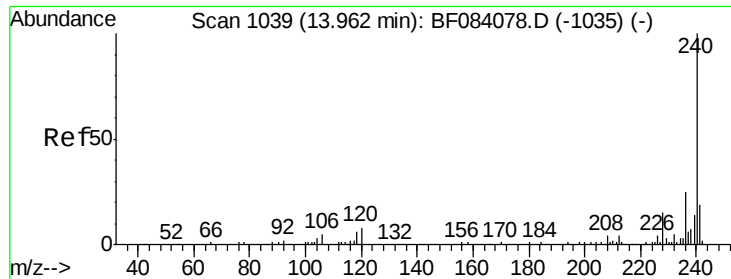
Tgt Ion:149 Resp: 440908
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 5.3 3.2 4.8#



#74
Fluoranthene
Concen: 33.96 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:202 Resp: 426173
Ion Ratio Lower Upper
202 100
101 9.3 0.0 32.8
203 17.5 0.0 37.9

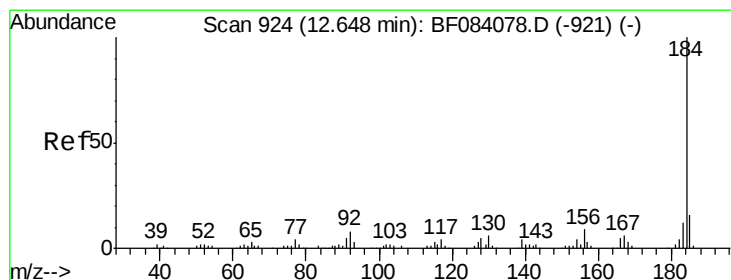
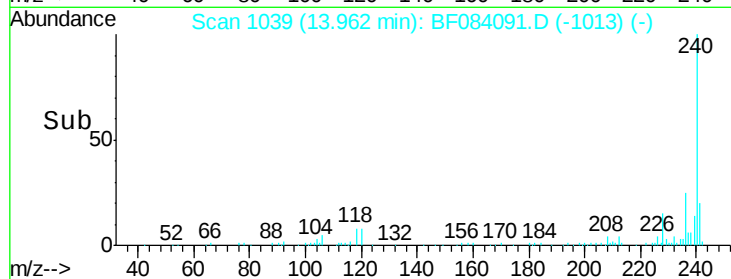
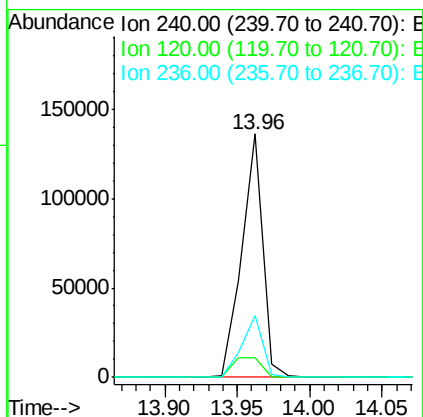
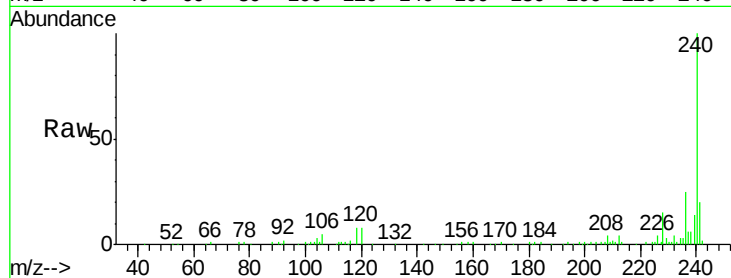




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

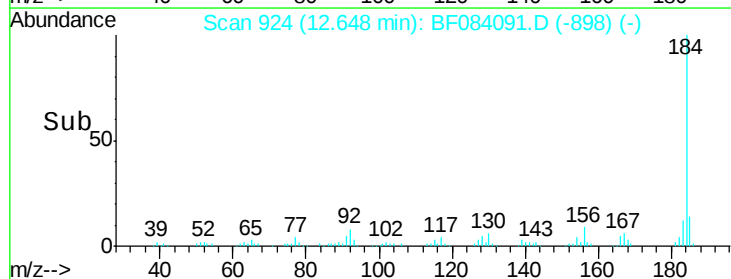
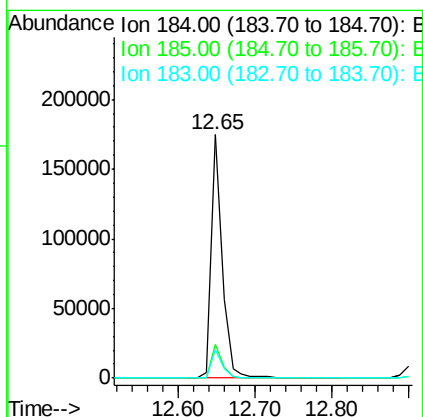
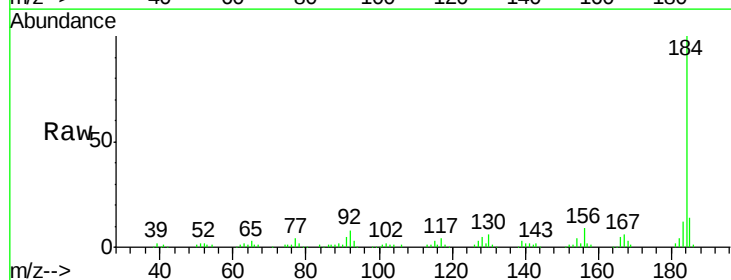
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

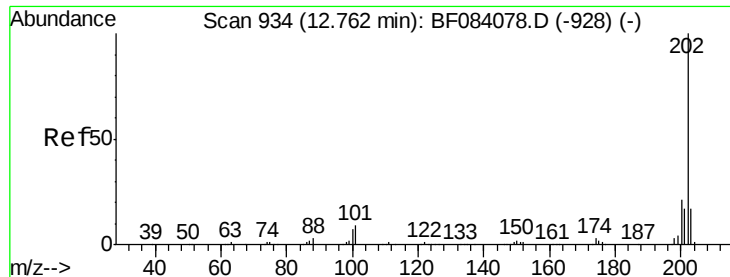
Tgt Ion:240 Resp: 136996
 Ion Ratio Lower Upper
 240 100
 120 8.1 9.5 14.3#
 236 25.3 20.6 31.0



#76
 Benzidine
 Concen: 36.88 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:184 Resp: 171731
 Ion Ratio Lower Upper
 184 100
 185 14.0 12.2 18.2
 183 11.9 9.8 14.8

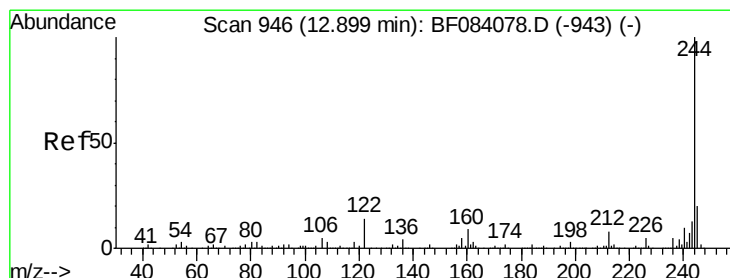
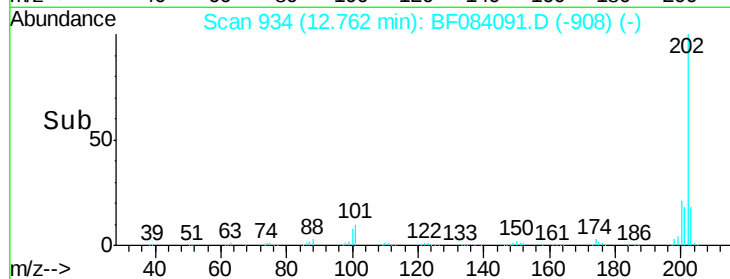
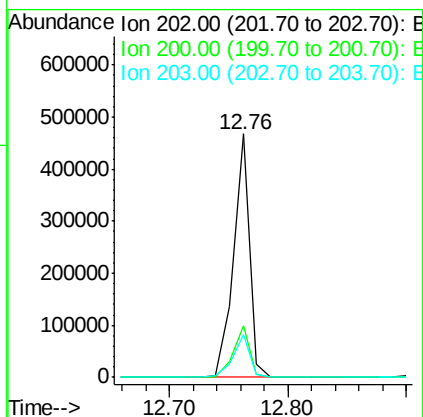
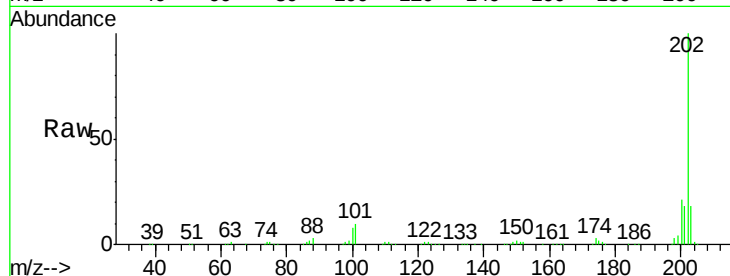




#77
Pyrene
 Concen: 36.92 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

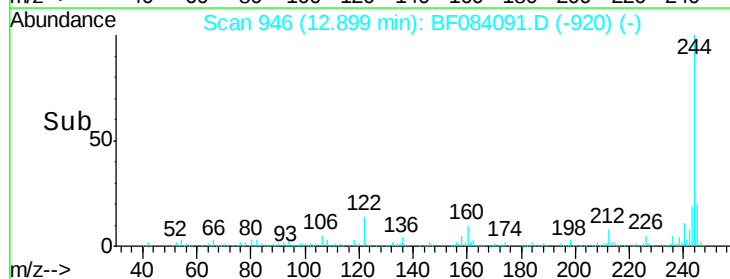
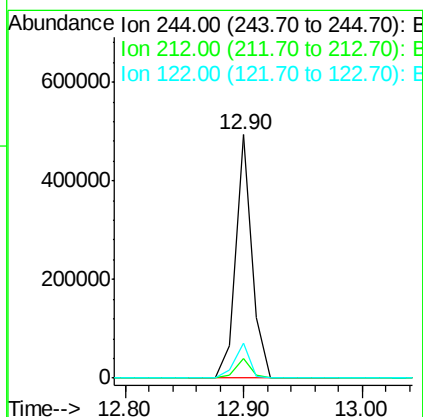
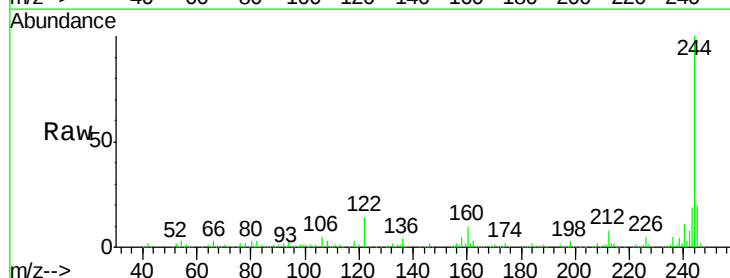
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

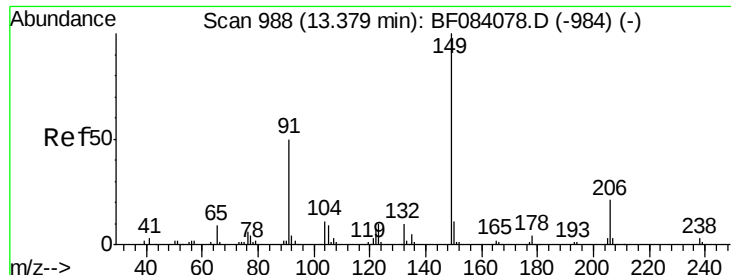
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.2	25.8
203	17.6	14.3	21.5



#78
Terphenyl-d14
 Concen: 62.23 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.1	7.4	11.0

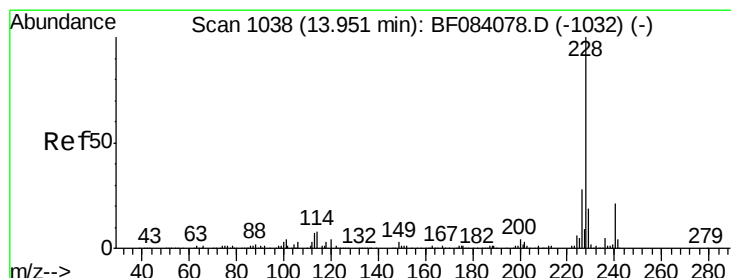
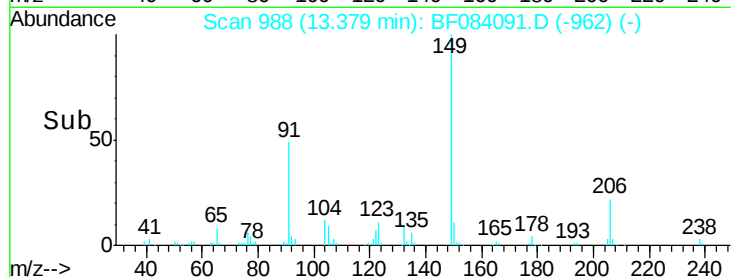
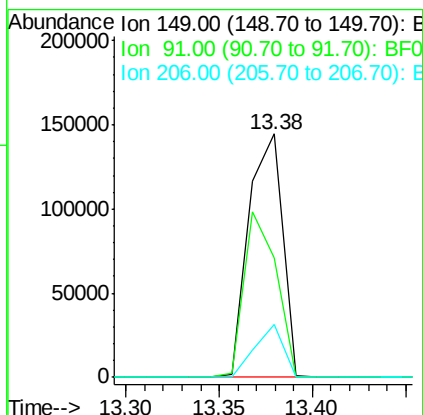
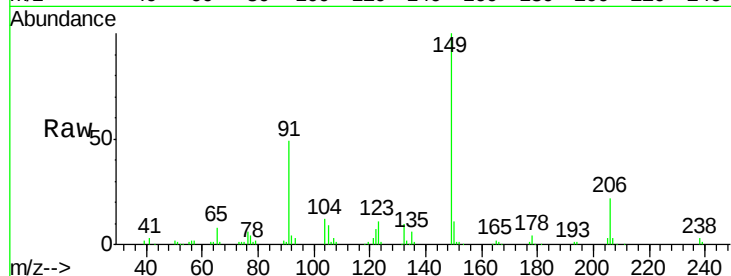




#79
Butylbenzylphthalate
Concen: 37.04 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

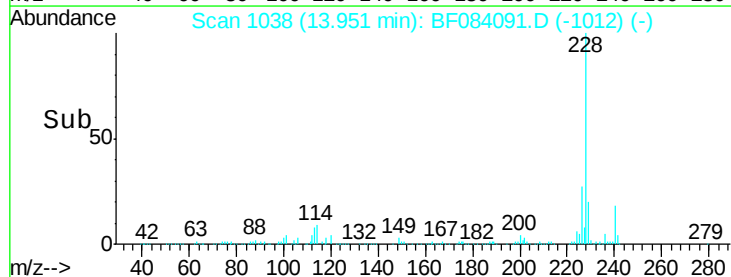
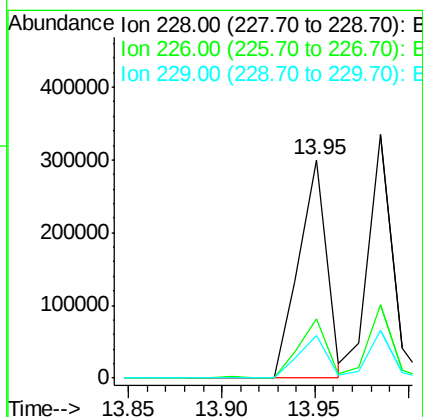
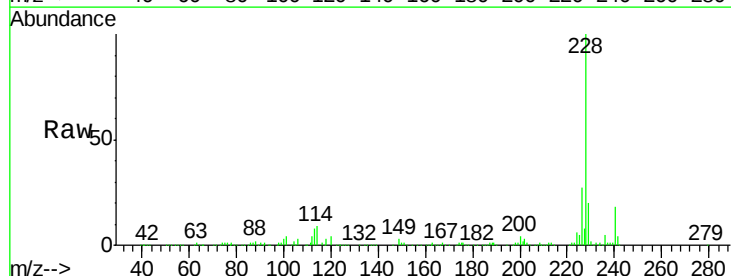
Instrument :
BNA_F
ClientSampleId :
PB87543BS

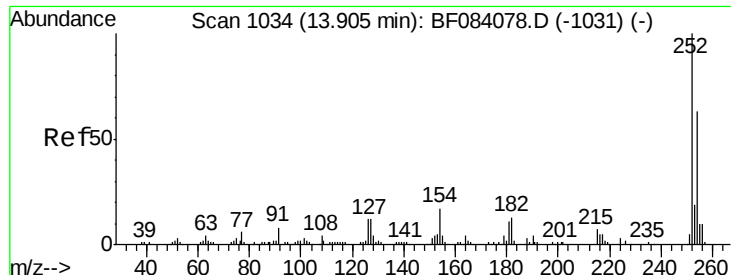
Tgt Ion:149 Resp: 181212
Ion Ratio Lower Upper
149 100
91 49.2 57.6 86.4#
206 21.9 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 37.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:228 Resp: 311827
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 19.8 15.8 23.8

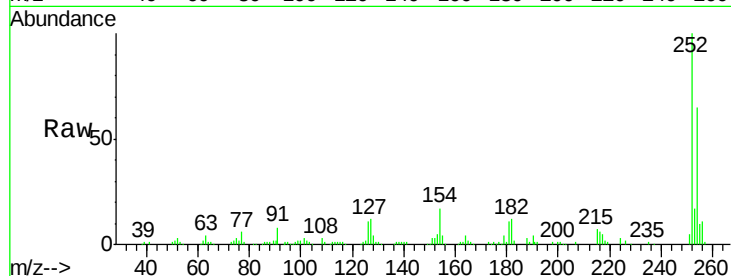




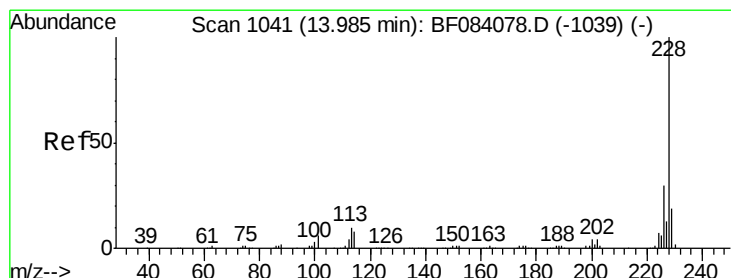
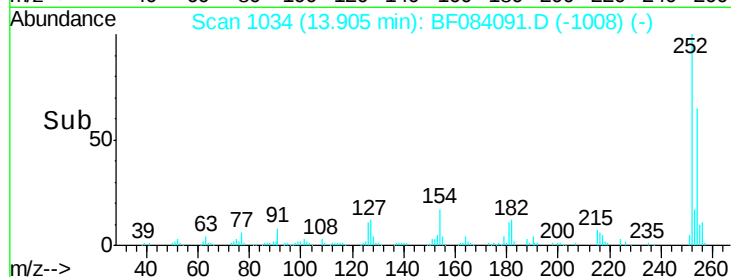
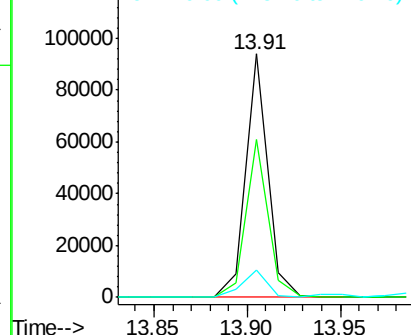
#81
 3,3'-Dichlorobenzidine
 Concen: 30.51 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

Tgt Ion:252 Resp: 77848
 Ion Ratio Lower Upper
 252 100
 254 64.6 53.5 80.3
 126 11.4 4.9 7.3#

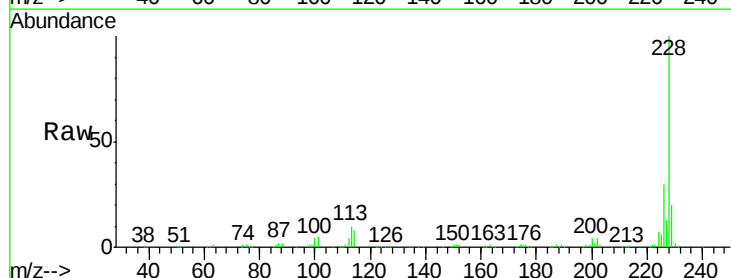


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

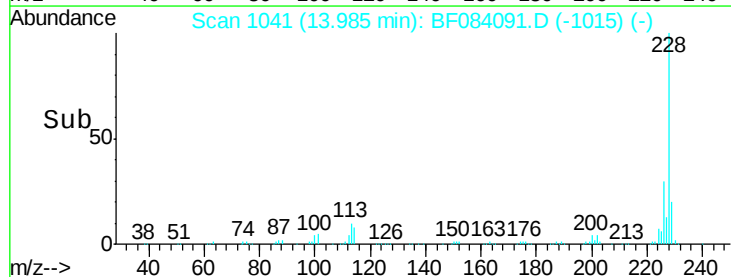
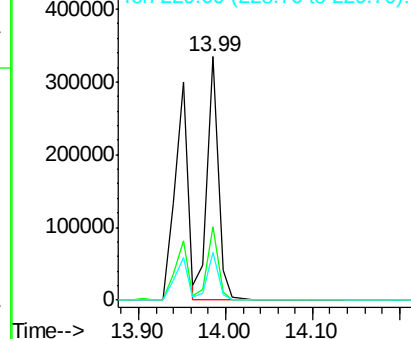


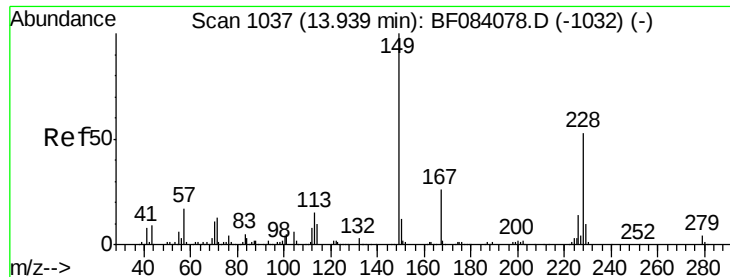
#82
 Chrysene
 Concen: 38.23 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:228 Resp: 297080
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.3 36.5
 229 19.5 16.1 24.1



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

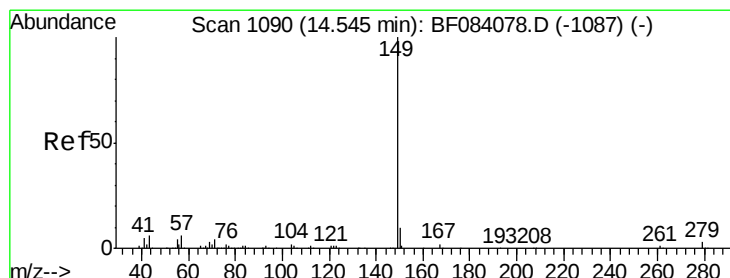
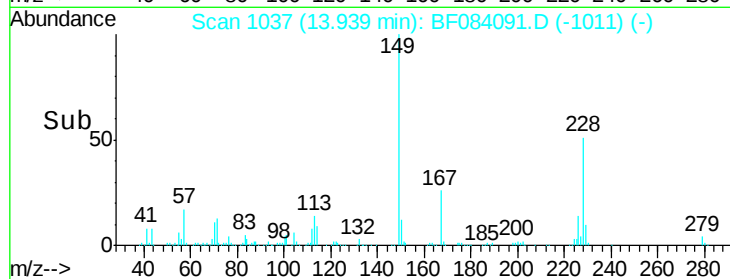
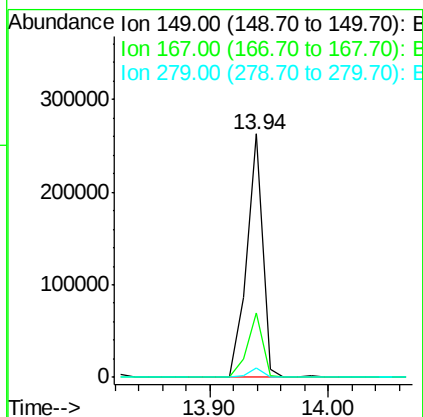
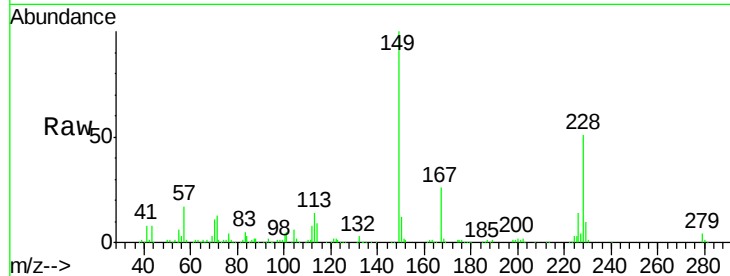




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.20 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

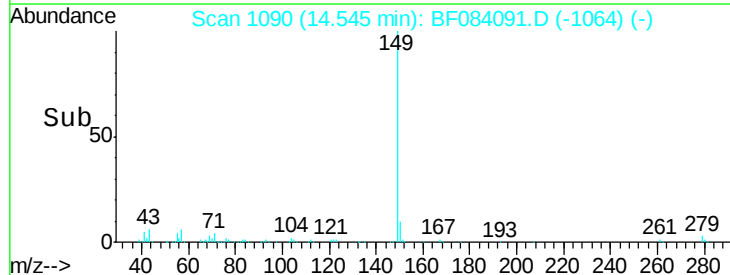
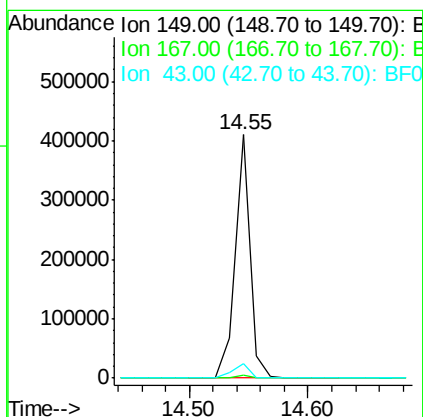
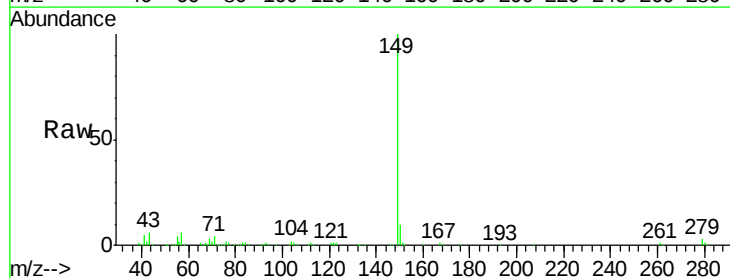
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

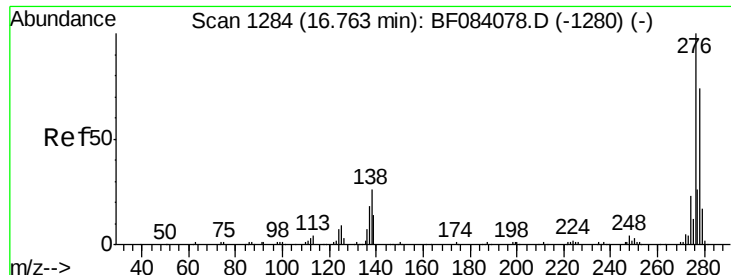
Tgt Ion:149 Resp: 247788
 Ion Ratio Lower Upper
 149 100
 167 26.3 19.7 29.5
 279 3.6 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 40.06 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion:149 Resp: 356319
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.0 5.6 8.4

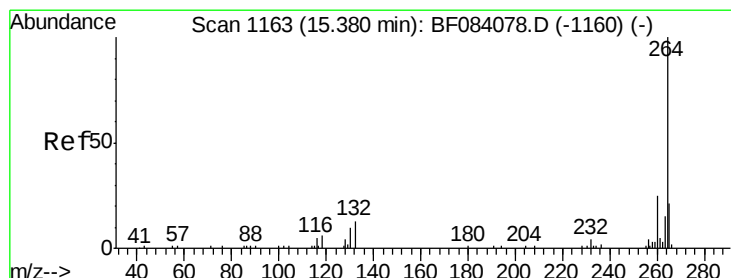
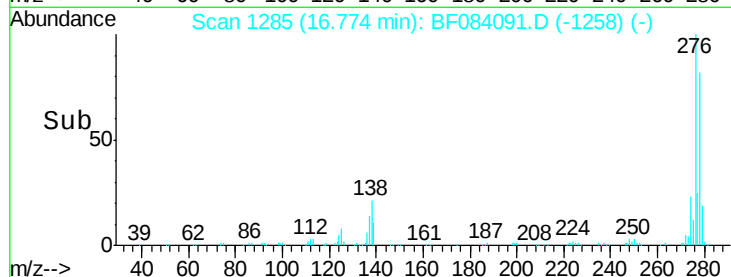
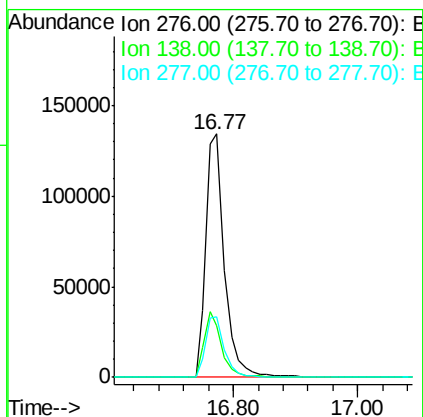
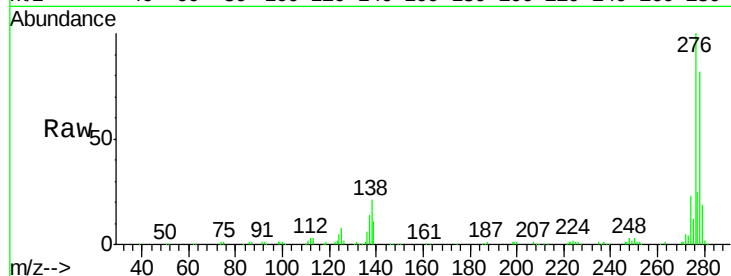




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.91 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

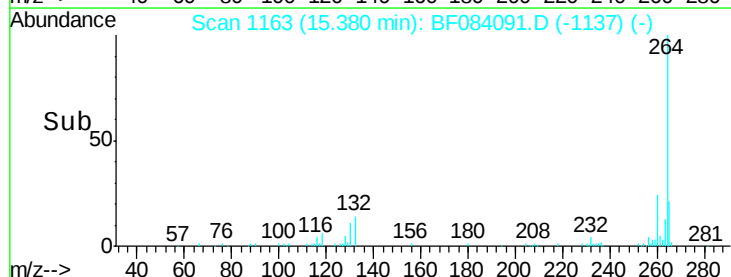
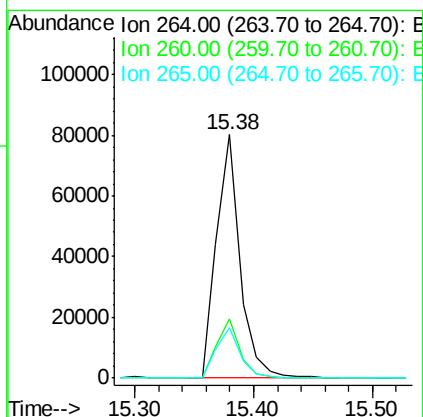
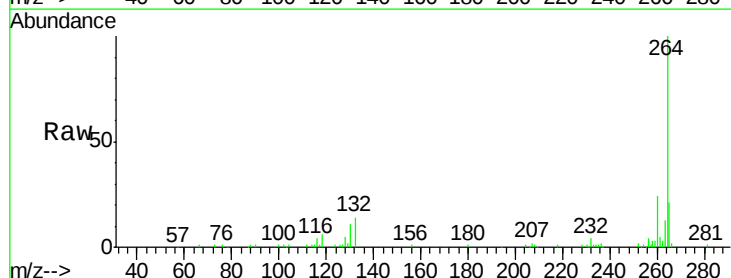
Instrument :
 BNA_F
 ClientSampleId :
 PB87543BS

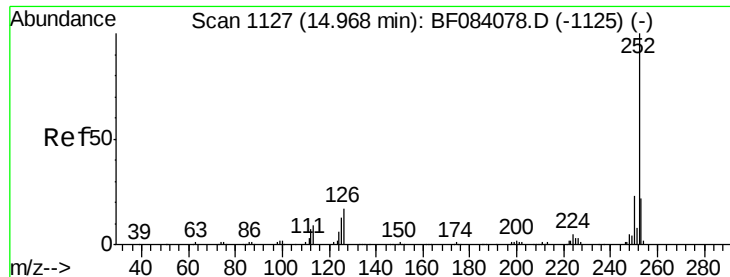
Tgt Ion: 276 Resp: 279441
 Ion Ratio Lower Upper
 276 100
 138 25.1 20.6 30.8
 277 25.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084091.D
 Acq: 24 Dec 2015 20:57

Tgt Ion: 264 Resp: 109308
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 20.9 17.8 26.6

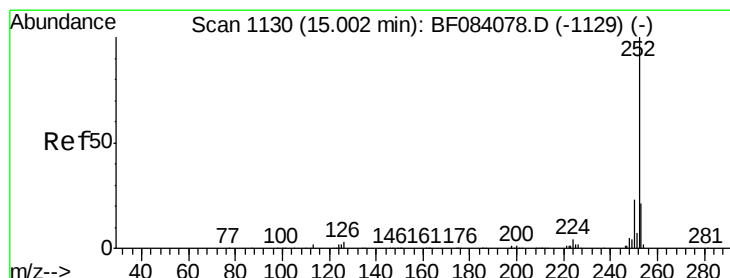
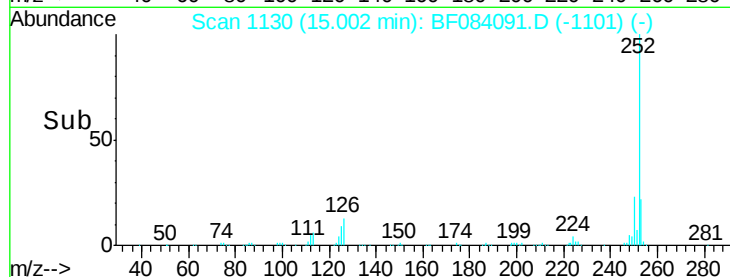
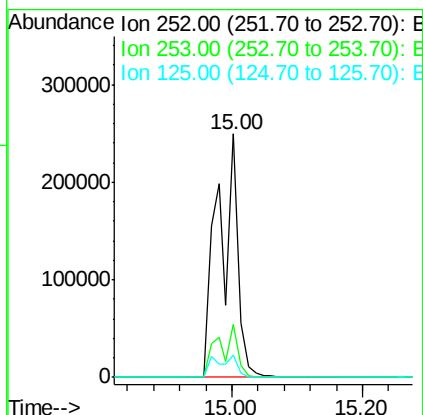
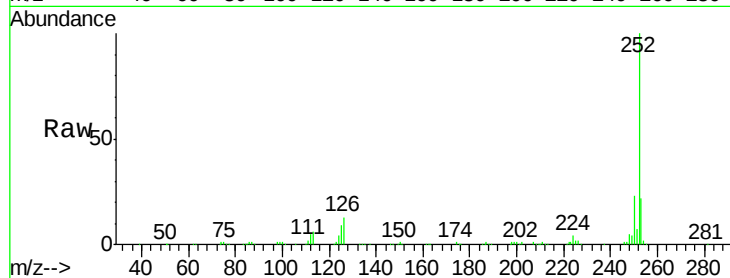




#87
Benzo(b)fluoranthene
Concen: 63.75 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

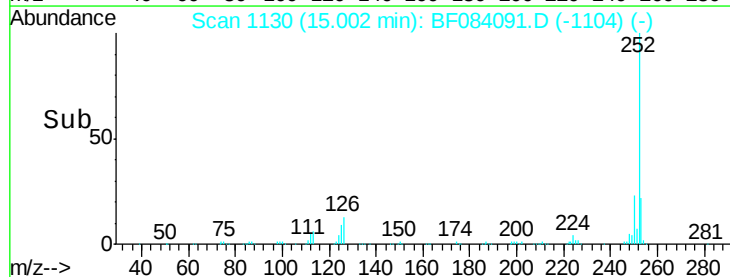
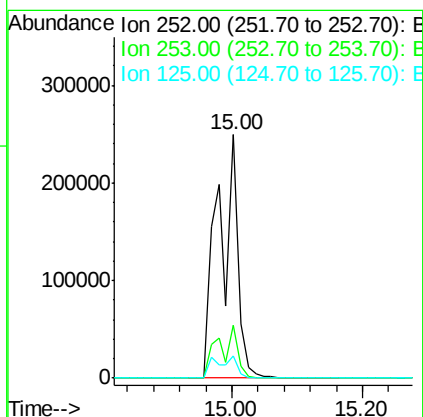
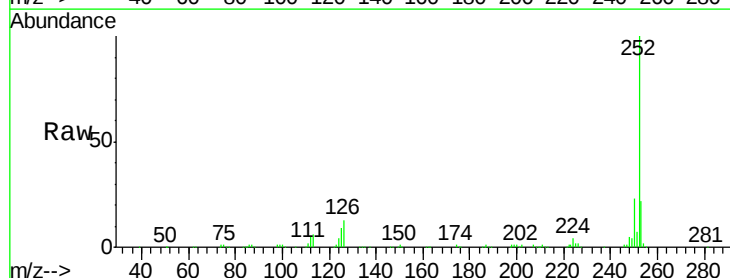
Instrument :
BNA_F
ClientSampleId :
PB87543BS

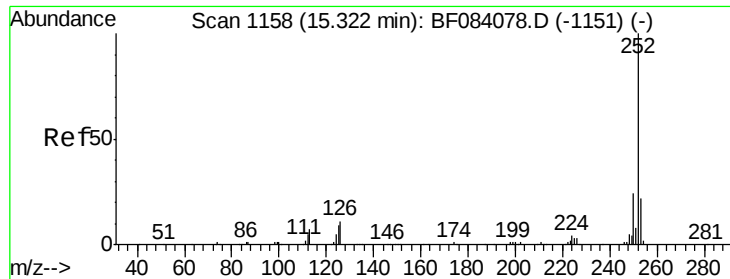
Tgt Ion:252 Resp: 517509
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 8.9 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 94.07 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF084091.D
Acq: 24 Dec 2015 20:57

Tgt Ion:252 Resp: 517509
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 8.9 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 36.11 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS

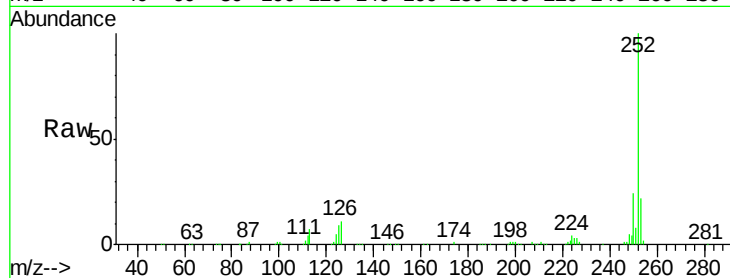
Tgt Ion:252 Resp: 241514

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

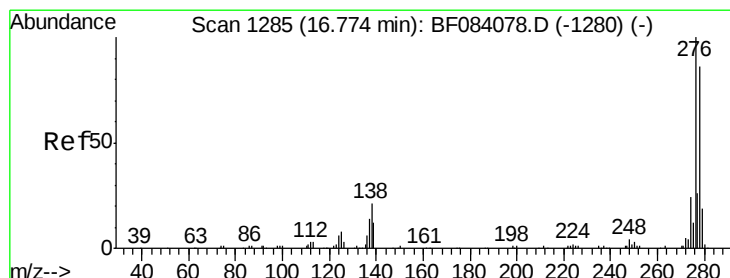
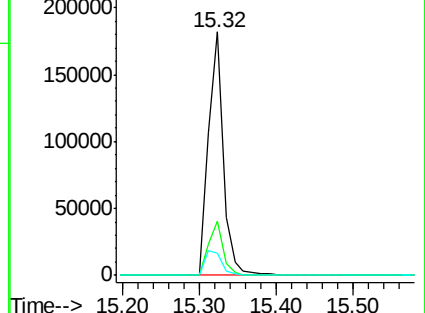
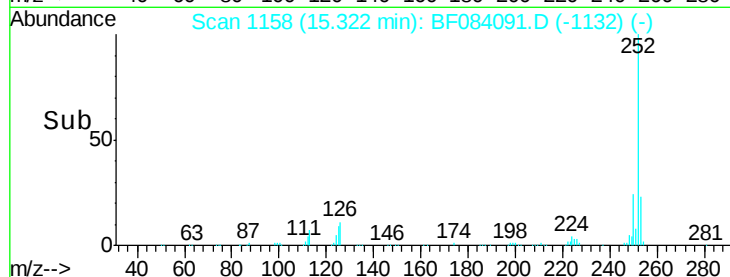
125 9.0 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.62 ng

RT: 16.77 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF084091.D

Acq: 24 Dec 2015 20:57

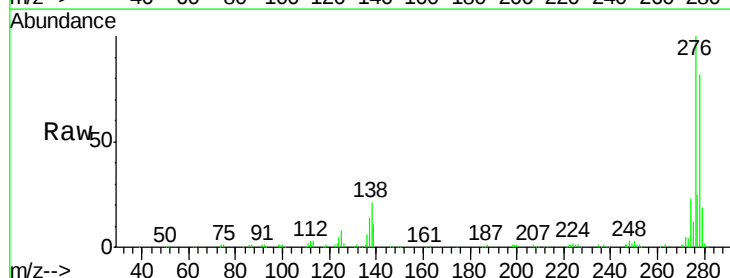
Tgt Ion:278 Resp: 232482

Ion Ratio Lower Upper

278 100

139 13.7 15.0 22.4#

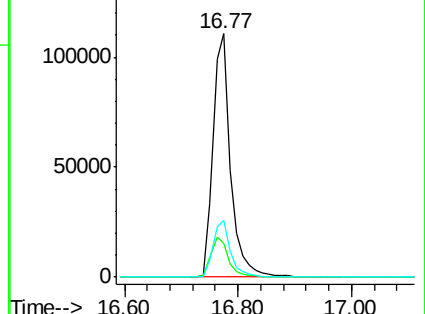
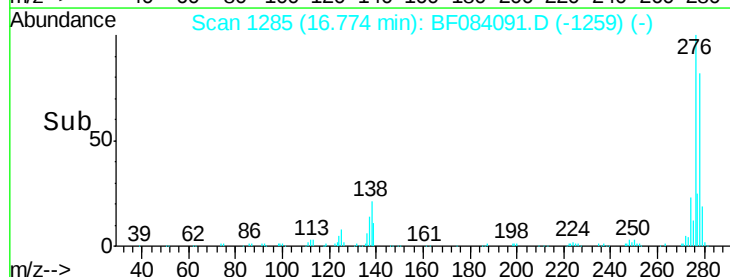
279 23.3 18.9 28.3

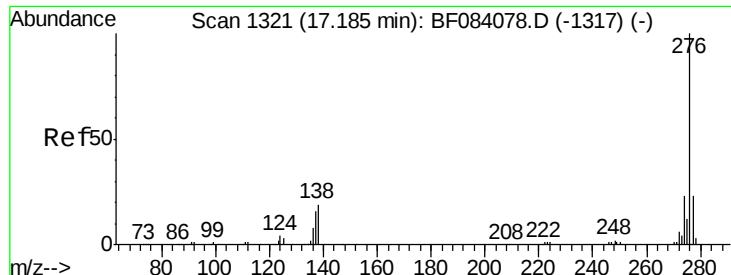


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.19 ng

RT: 17.19 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF084091.D

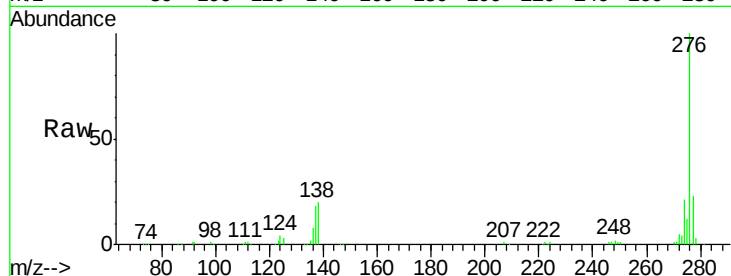
Acq: 24 Dec 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB87543BS



Tgt Ion: 276 Resp: 241064

Ion Ratio Lower Upper

276 100

277 22.8 18.8 28.2

138 19.6 17.8 26.6

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

