

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084087.D
 Acq On : 24 Dec 2015 19:03
 Operator : UM/SJ
 Sample : PB87523BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Quant Time: Dec 25 01:39:46 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	48580	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	190347	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89270	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	165494	20.00	ng	0.00
75) Chrysene-d12	13.96	240	122167	20.00	ng	0.00
86) Perylene-d12	15.38	264	93639	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	217626	75.95	ng	0.01
7) Phenol-d6	6.45	99	262218	73.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	243106	74.76	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	70543	74.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	485276	74.38	ng	0.00
78) Terphenyl-d14	12.90	244	448680	66.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.43	88	38533	32.81	ng	98
3) Pyridine	3.14	79	96206	33.54	ng	98
4) n-Nitrosodimethylamine	3.08	42	51137	40.46	ng	91
6) Aniline	6.46	93	105291	23.49	ng	# 22
8) 2-Chlorophenol	6.59	128	145393	40.86	ng	94
9) Benzaldehyde	6.35	77	34440	18.16	ng	88
10) Phenol	6.46	94	154646	38.14	ng	86
11) bis(2-Chloroethyl)ether	6.53	93	111369	38.08	ng	95
12) 1,3-Dichlorobenzene	6.74	146	145983	37.58	ng	98
13) 1,4-Dichlorobenzene	6.74	146	145983	37.34	ng	95
14) 1,2-Dichlorobenzene	6.97	146	137736	38.23	ng	99
15) Benzyl Alcohol	6.96	79	114777	42.75	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	104203	36.48	ng	# 50
17) 2-Methylphenol	7.07	107	104853	38.38	ng	# 91
18) Hexachloroethane	7.31	117	54103	37.92	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	87259	39.95	ng	# 89
20) 3+4-Methylphenols	7.23	107	143931	41.30	ng	# 48
22) Acetophenone	7.21	105	184472	38.79	ng	93
24) Nitrobenzene	7.39	77	128439	37.20	ng	# 84
25) Isophorone	7.63	82	239652	39.84	ng	95
26) 2-Nitrophenol	7.70	139	71260	40.33	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	127266	43.39	ng	96
28) bis(2-Chloroethoxy)methane	7.84	93	140964	40.20	ng	99
29) 2,4-Dichlorophenol	7.95	162	112518	41.31	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	117557	39.38	ng	98
31) Naphthalene	8.11	128	404931	39.98	ng	99
32) Benzoic acid	7.89	122	60858	43.28	ng	93
33) 4-Chloroaniline	8.16	127	56810	14.10	ng	97
34) Hexachlorobutadiene	8.22	225	63951	37.56	ng	98
35) Caprolactam	8.53	113	23307	30.85	ng	94
36) 4-Chloro-3-methylphenol	8.66	107	125573	41.00	ng	93
37) 2-Methylnaphthalene	8.80	142	258784	40.82	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	118286	42.03	ng	98
40) Hexachlorocyclopentadiene	8.96	237	69211	83.12	ng	98

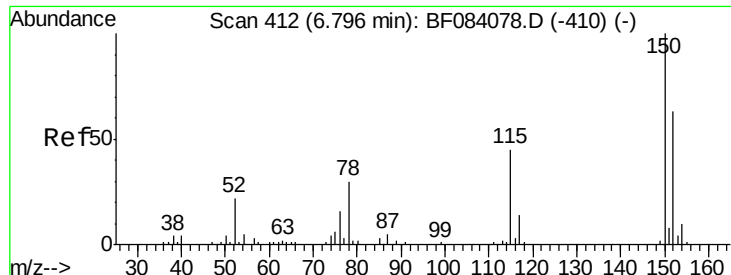
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084087.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	72590	39.56	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	75840	41.29	ng	97
45) 1,1'-Biphenyl	9.26	154	348949	43.27	ng	98
46) 2-Chloronaphthalene	9.29	162	255317	41.64	ng	95
47) 2-Nitroaniline	9.39	65	76118	46.72	ng	# 67
48) Acenaphthylene	9.70	152	390549	38.79	ng	99
49) Dimethylphthalate	9.57	163	311403	42.12	ng	# 90
50) 2,6-Dinitrotoluene	9.63	165	70931	45.20	ng	# 82
51) Acenaphthene	9.87	154	227128	38.79	ng	99
52) 3-Nitroaniline	9.80	138	35720	21.21	ng	# 71
53) 2,4-Dinitrophenol	9.92	184	48504	79.70	ng	96
54) Dibenzofuran	10.04	168	332361	41.27	ng	# 90
55) 4-Nitrophenol	9.98	139	71215	82.84	ng	# 76
56) 2,4-Dinitrotoluene	10.04	165	91903	44.36	ng	89
57) Fluorene	10.38	166	268163	39.18	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	59111	45.15	ng	97
59) Diethylphthalate	10.27	149	299205	39.84	ng	98
60) 4-Chlorophenyl-phenylether	10.37	204	116432	36.88	ng	# 81
61) 4-Nitroaniline	10.42	138	73582	47.27	ng	96
62) Azobenzene	10.53	77	272025	43.96	ng	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	40232	43.80	ng	81
65) n-Nitrosodiphenylamine	10.50	169	258379	43.80	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	80580	42.03	ng	# 79
67) Hexachlorobenzene	10.93	284	84646	40.33	ng	# 72
68) Atrazine	11.02	200	71162	40.05	ng	97
69) Pentachlorophenol	11.14	266	61328	87.98	ng	98
70) Phenanthrene	11.34	178	410263	41.82	ng	99
71) Anthracene	11.40	178	433065	42.21	ng	99
72) Carbazole	11.55	167	361031	41.37	ng	99
73) Di-n-butylphthalate	11.88	149	458987	40.82	ng	# 98
74) Fluoranthene	12.53	202	444127	43.25	ng	96
76) Benzidine	12.65	184	109789	26.44	ng	99
77) Pyrene	12.76	202	450502	42.74	ng	99
79) Butylbenzylphthalate	13.38	149	193543	44.36	ng	# 81
80) Benzo(a)anthracene	13.95	228	321584	42.79	ng	100
81) 3,3'-Dichlorobenzidine	13.91	252	68298	30.01	ng	# 96
82) Chrysene	13.99	228	260571	37.60	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	247217	43.85	ng	# 97
84) Di-n-octyl phthalate	14.55	149	356798	44.98	ng	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	283302	40.83	ng	99
87) Benzo(b)fluoranthene	15.00	252	518035	74.50	ng	99
88) Benzo(k)fluoranthene	15.00	252	518035	109.92	ng	97
89) Benzo(a)pyrene	15.32	252	248702	43.41	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	236561	42.31	ng	# 95
91) Benzo(g,h,i)perylene	17.19	276	239184	41.92	ng	98

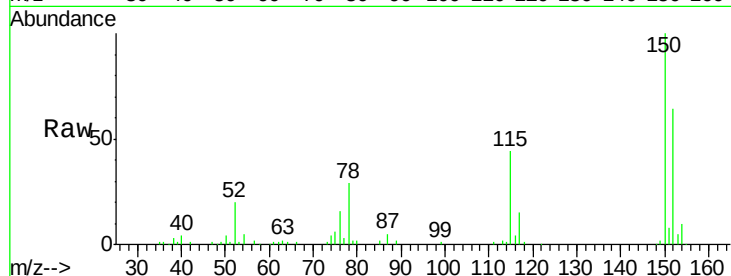
(#) = qualifier out of range (m) = manual integration (+) = signals summed



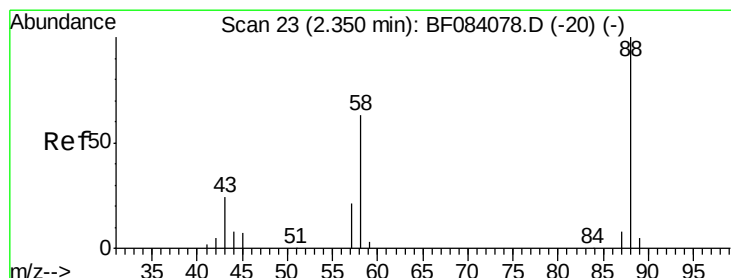
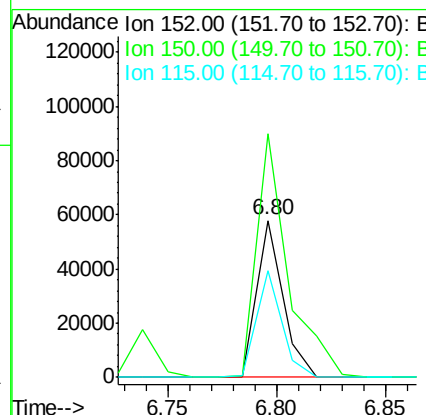
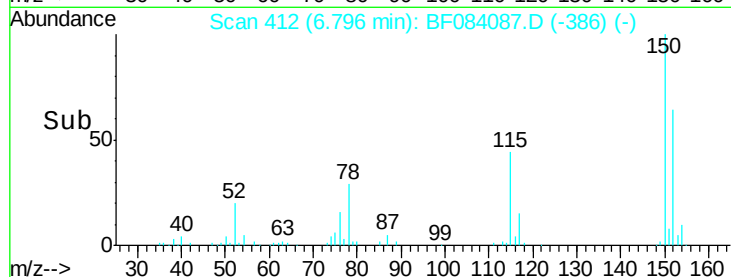
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tgt Ion:152 Resp: 48580
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.0 184.4
 115 68.3 51.4 77.2

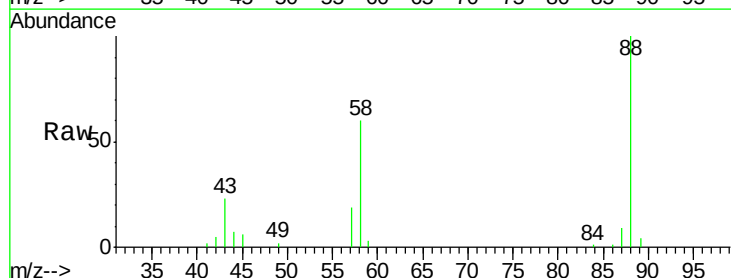


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

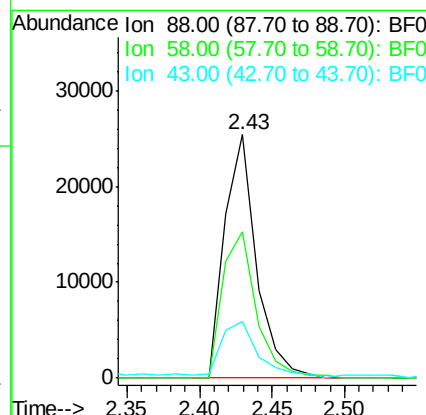
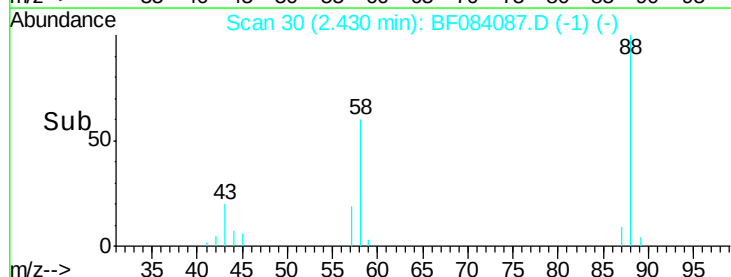


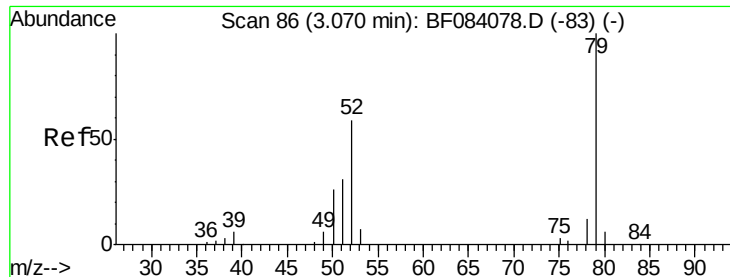
#2
 1,4-Dioxane
 Concen: 32.81 ng
 RT: 2.43 min Scan# 30
 Delta R.T. 0.08 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion: 88 Resp: 38533
 Ion Ratio Lower Upper
 88 100
 58 64.2 51.2 76.8
 43 28.0 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: 33.54 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.07 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

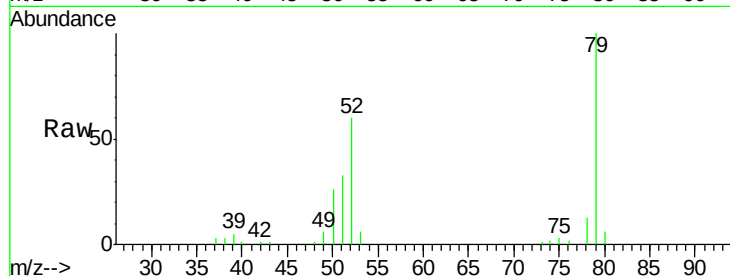
Tgt Ion: 79 Resp: 96206

Ion Ratio Lower Upper

79 100

52 59.6 49.0 73.4

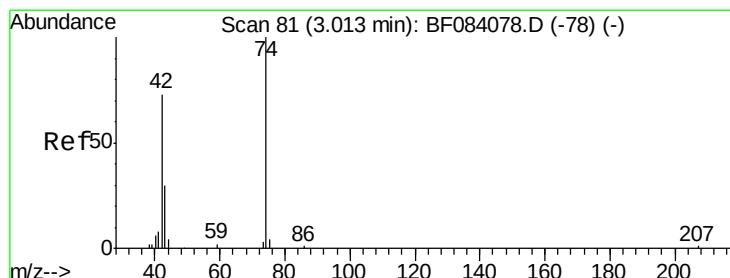
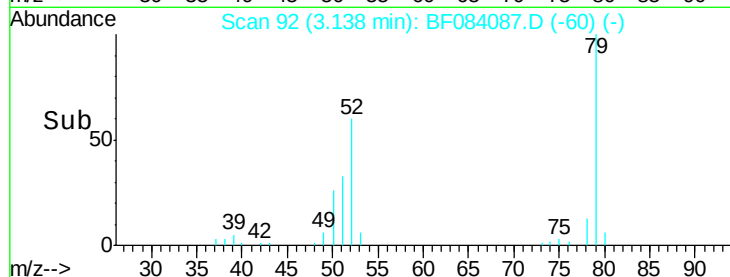
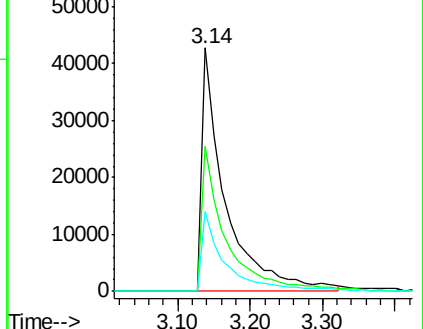
51 32.7 25.2 37.8



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: 40.46 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.07 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

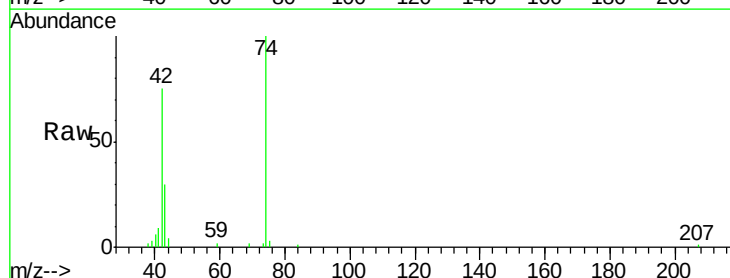
Tgt Ion: 42 Resp: 51137

Ion Ratio Lower Upper

42 100

74 133.5 115.7 173.5

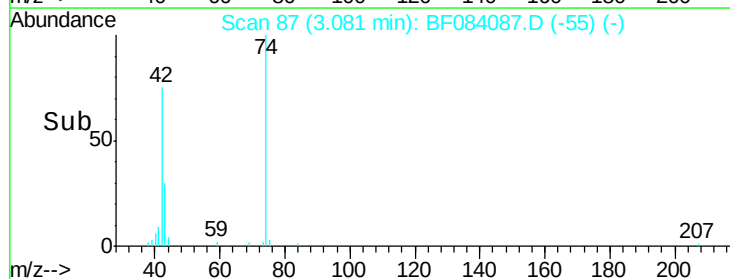
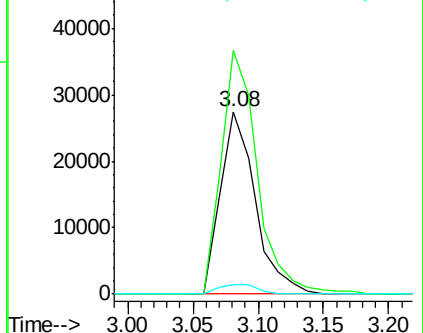
44 5.3 5.1 7.7

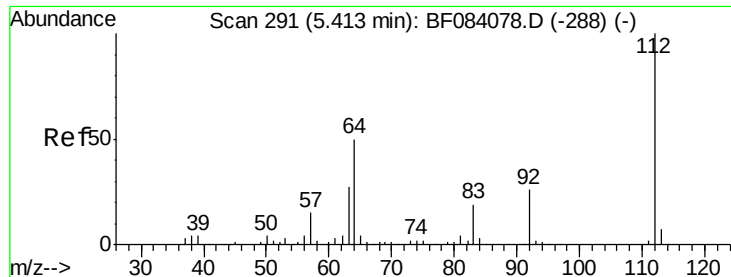


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.95 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

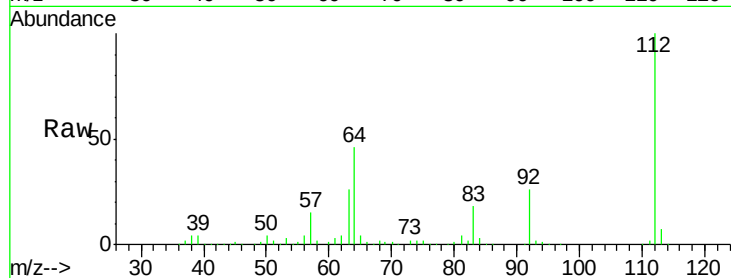
Tgt Ion: 112 Resp: 217626

Ion Ratio Lower Upper

112 100

64 46.4 36.6 55.0

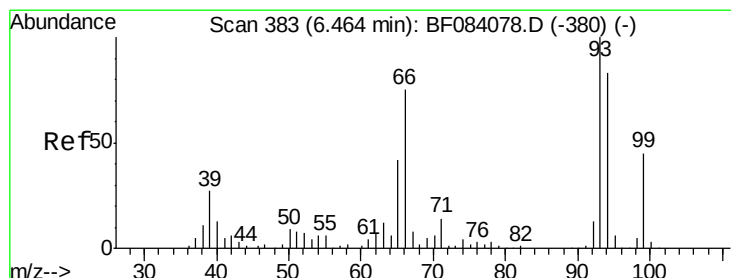
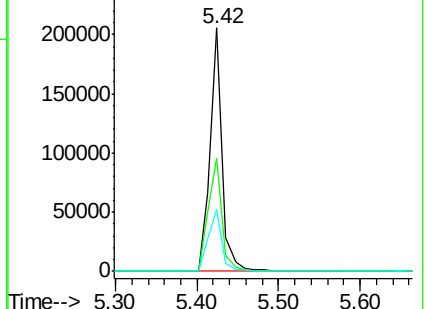
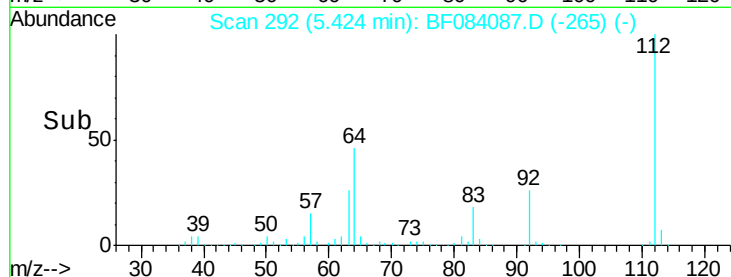
63 25.6 19.4 29.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.49 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

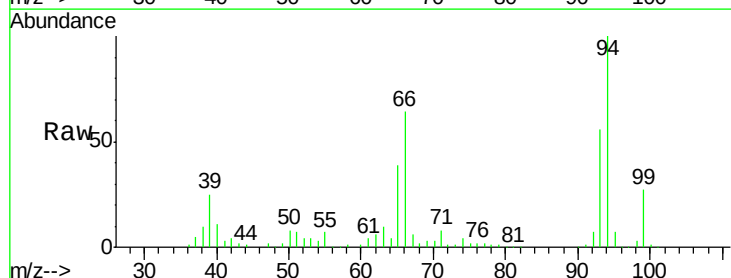
Tgt Ion: 93 Resp: 105291

Ion Ratio Lower Upper

93 100

66 114.3 44.9 67.3#

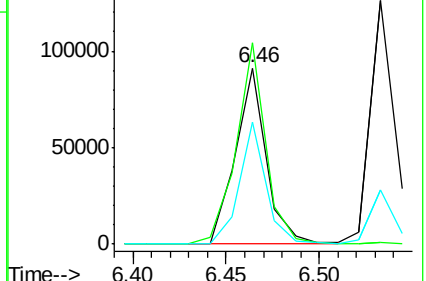
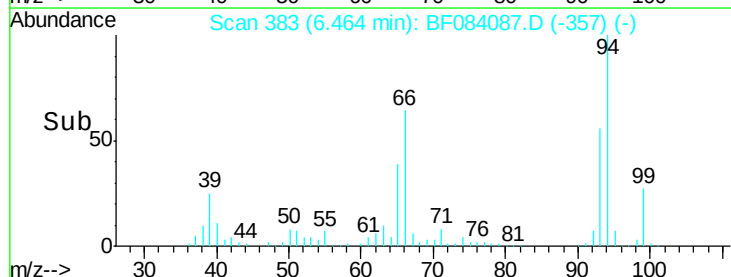
65 69.5 23.7 35.5#

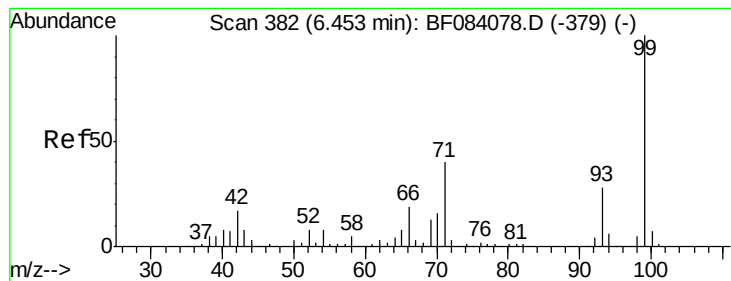


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.96 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

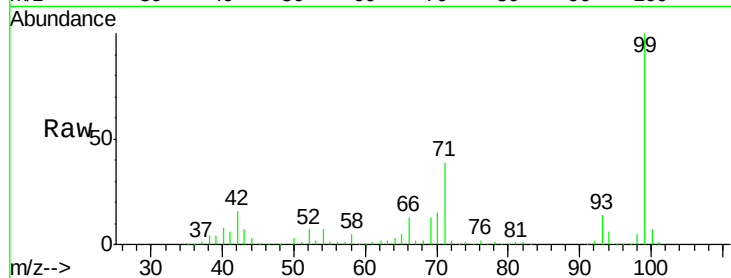
Tgt Ion: 99 Resp: 262218

Ion Ratio Lower Upper

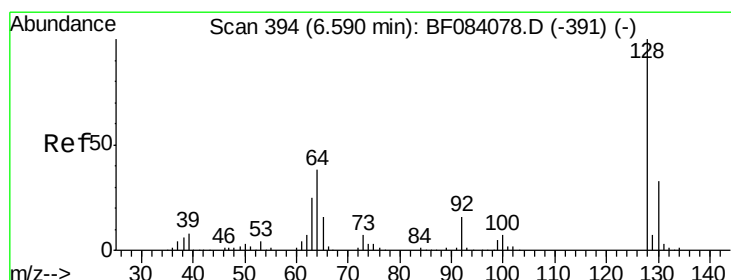
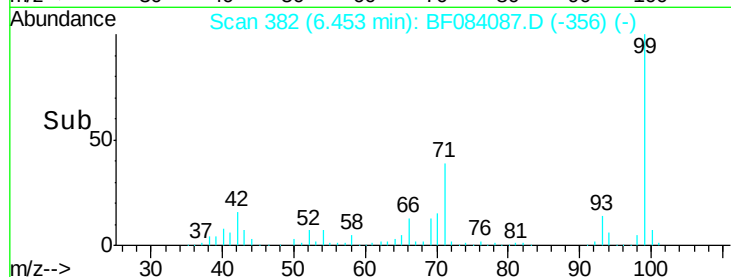
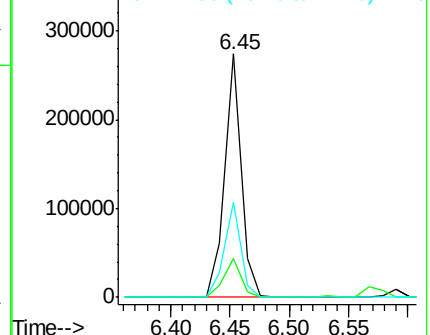
99 100

42 15.7 12.8 19.2

71 39.3 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: 40.86 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

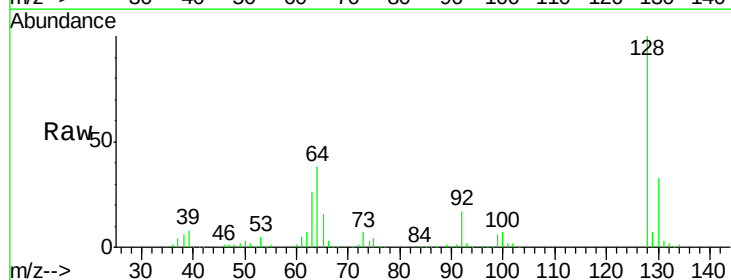
Tgt Ion: 128 Resp: 145393

Ion Ratio Lower Upper

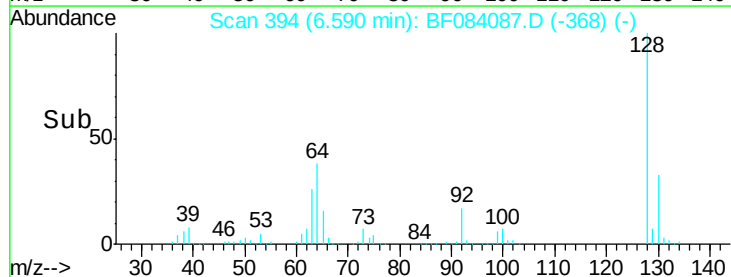
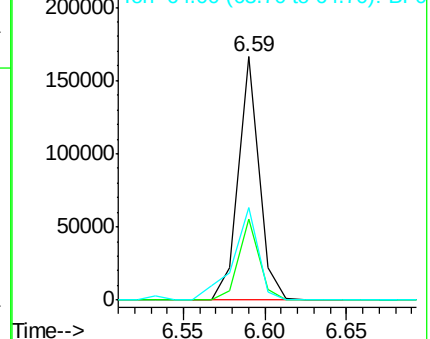
128 100

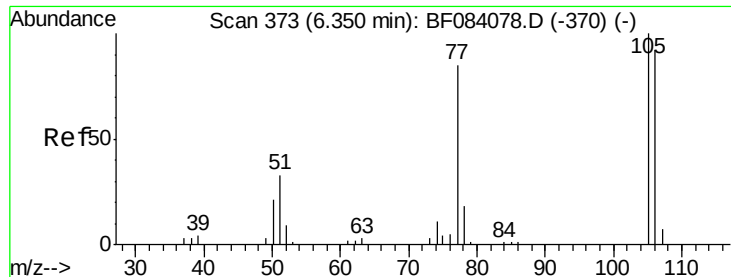
130 33.2 11.6 51.6

64 38.2 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

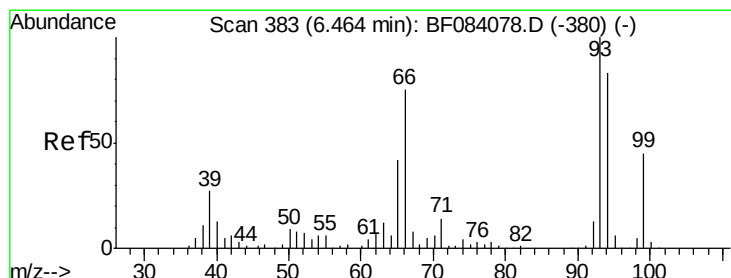
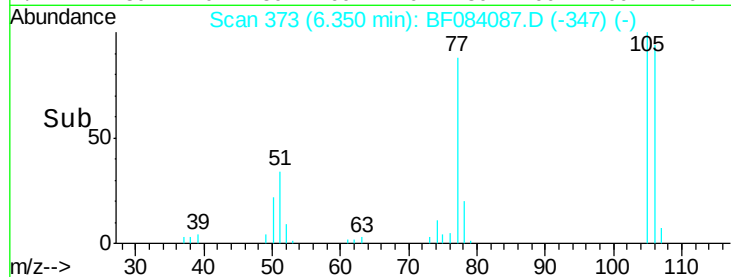
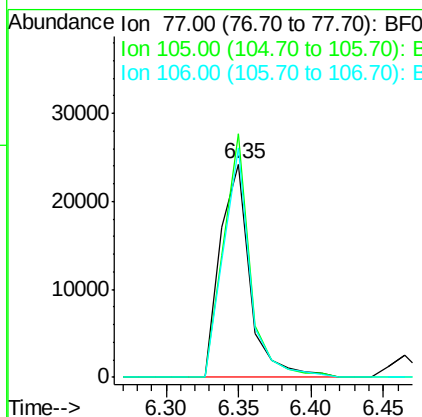
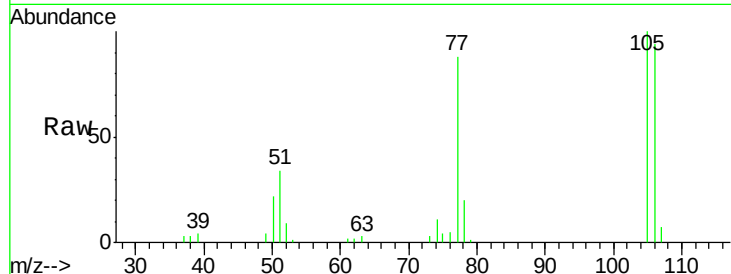




#9
Benzaldehyde
Concen: 18.16 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

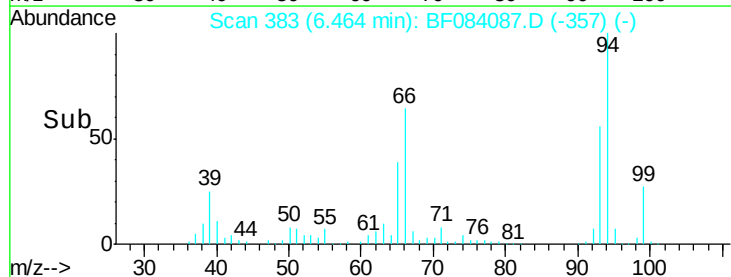
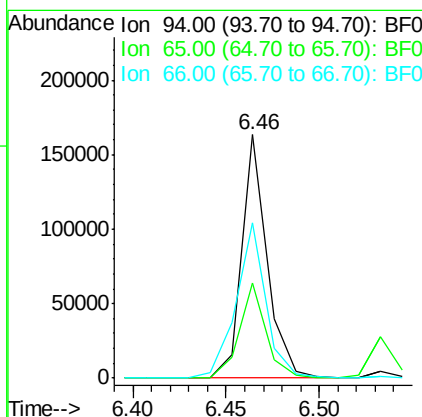
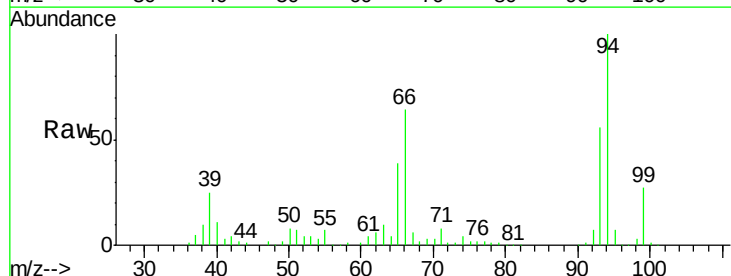
Instrument :
BNA_F
ClientSampleId :
PB87523BSD

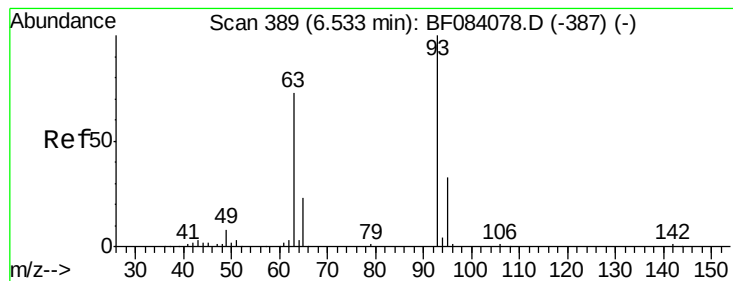
Tgt Ion: 77 Resp: 34440
Ion Ratio Lower Upper
77 100
105 114.1 83.0 123.0
106 107.5 74.6 114.6



#10
Phenol
Concen: 38.14 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion: 94 Resp: 154646
Ion Ratio Lower Upper
94 100
65 38.8 12.9 52.9
66 63.9 32.7 72.7

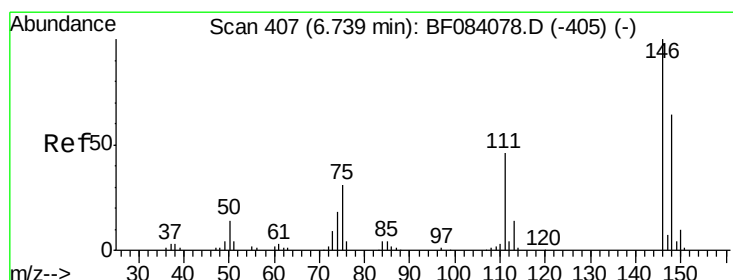
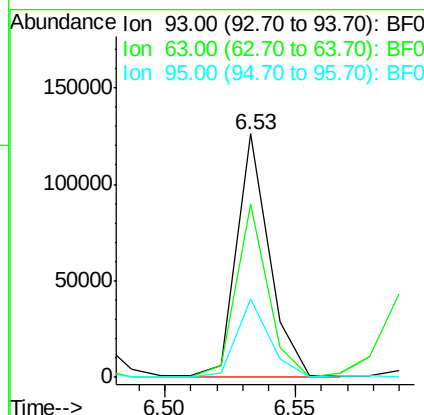
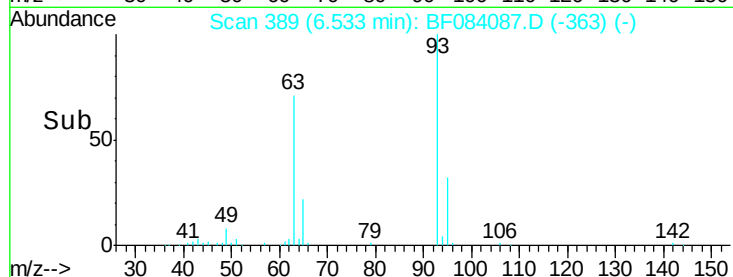
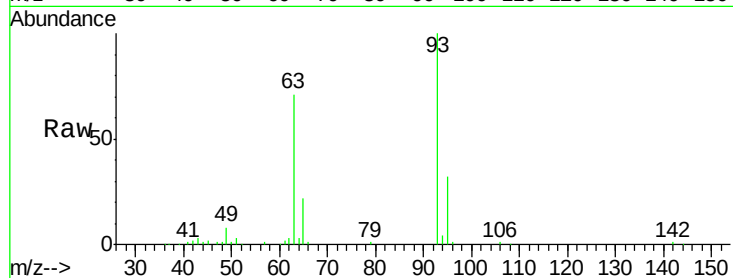




#11
 bis(2-Chloroethyl)ether
 Concen: 38.08 ng
 RT: 6.53 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

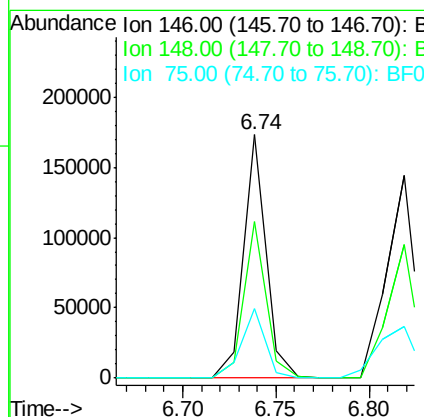
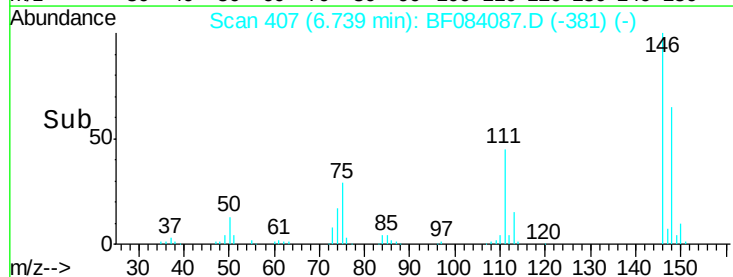
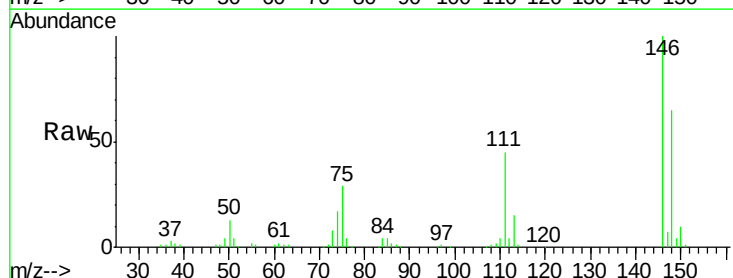
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

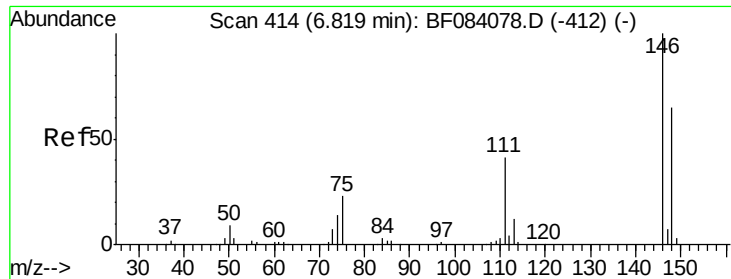
Tgt Ion: 93 Resp: 111369
 Ion Ratio Lower Upper
 93 100
 63 71.3 45.9 85.9
 95 32.4 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 37.58 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion: 146 Resp: 145983
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 75 28.7 20.5 30.7

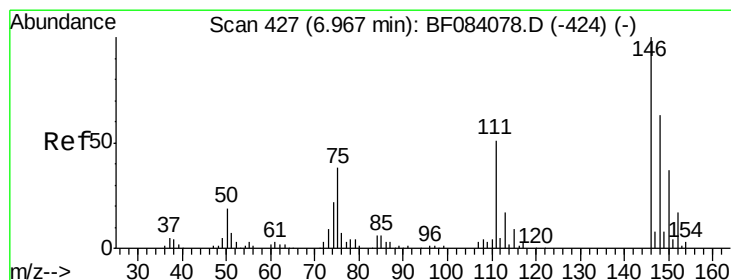
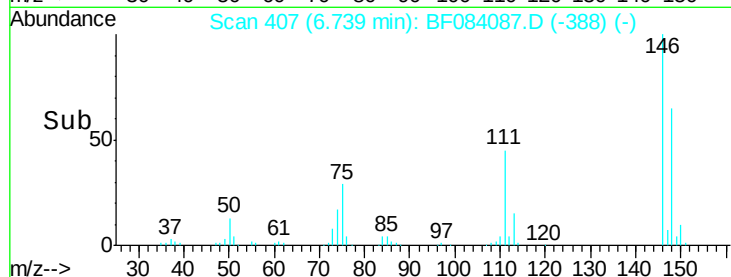
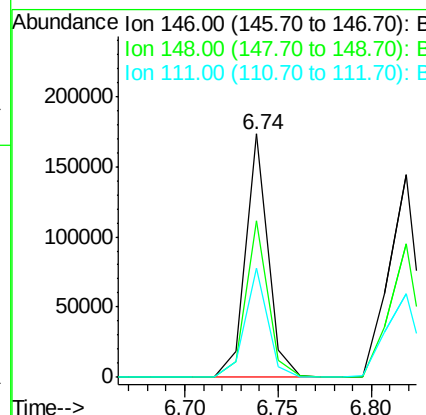
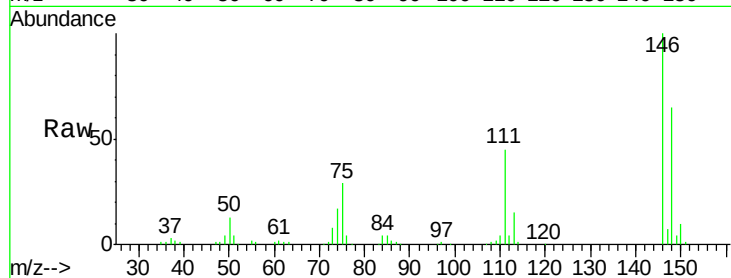




#13
 1,4-Dichlorobenzene
 Concen: 37.34 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.08 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

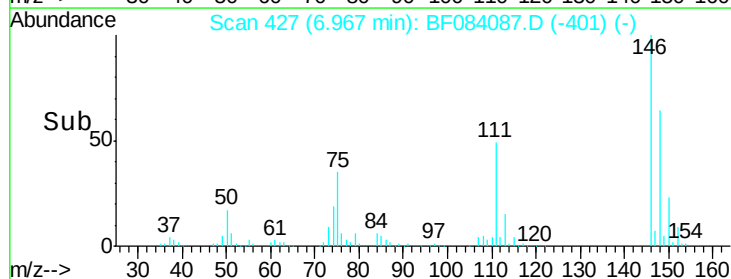
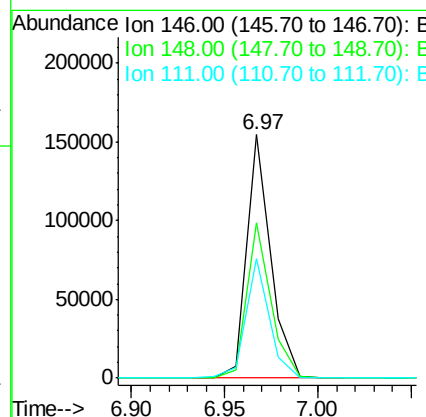
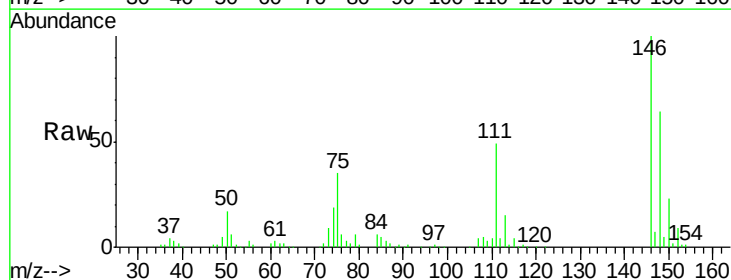
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

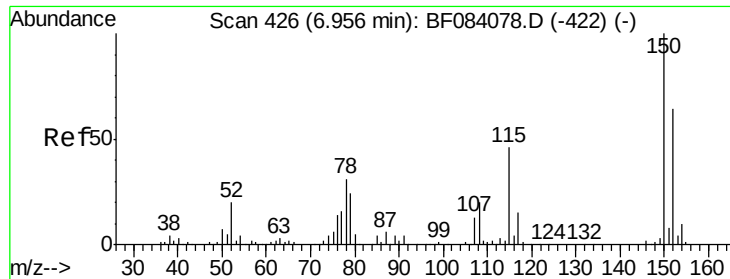
Tgt Ion:146 Resp: 145983
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.9 77.9
 111 44.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.23 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:146 Resp: 137736
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.6 77.4
 111 48.9 38.0 57.0

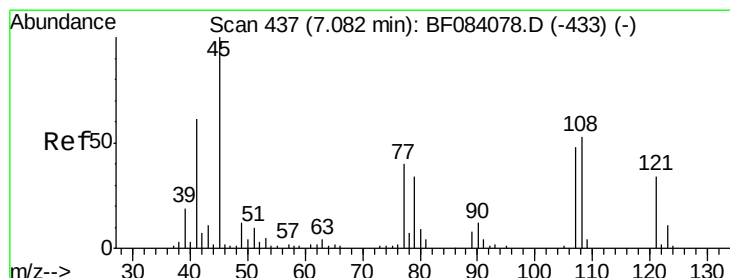
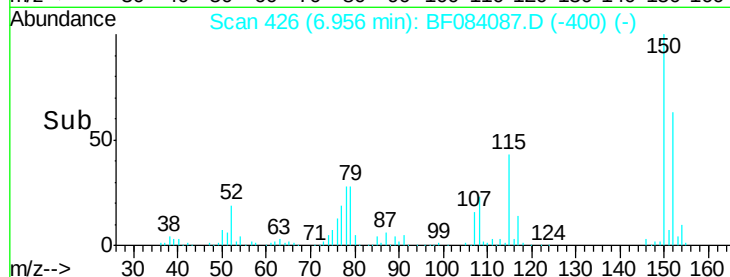
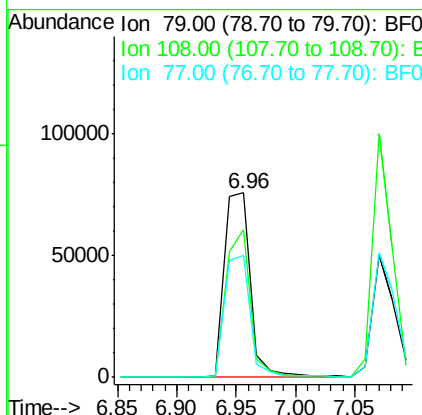
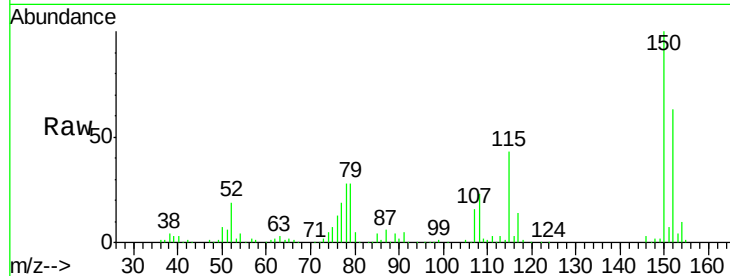




#15
Benzyl Alcohol
Concen: 42.75 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

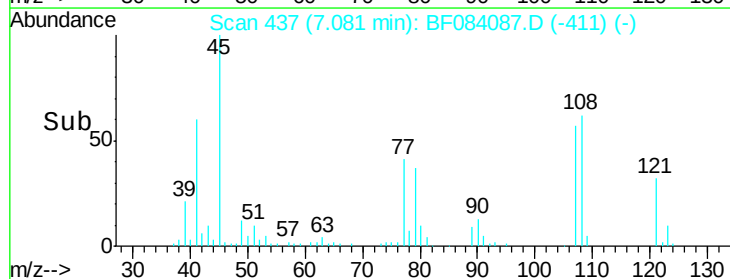
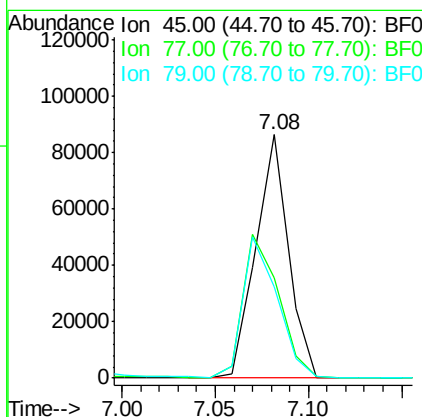
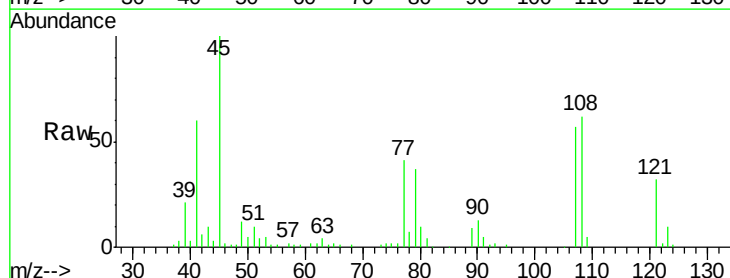
Instrument :
BNA_F
ClientSampleId :
PB87523BSD

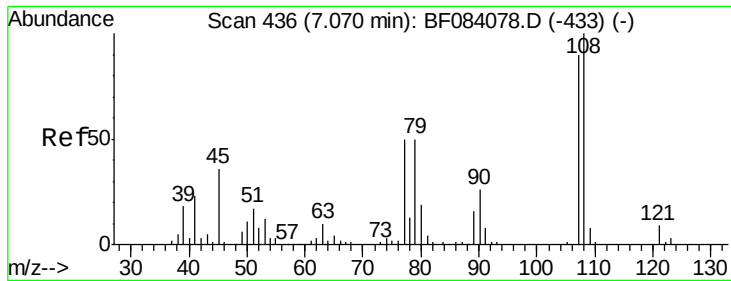
Tgt Ion: 79 Resp: 114777
Ion Ratio Lower Upper
79 100
108 80.3 69.0 103.4
77 66.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.48 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion: 45 Resp: 104203
Ion Ratio Lower Upper
45 100
77 41.4 0.0 39.6#
79 37.3 0.0 35.0#





#17

2-Methylphenol

Concen: 38.38 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

Tgt Ion:107 Resp: 104853

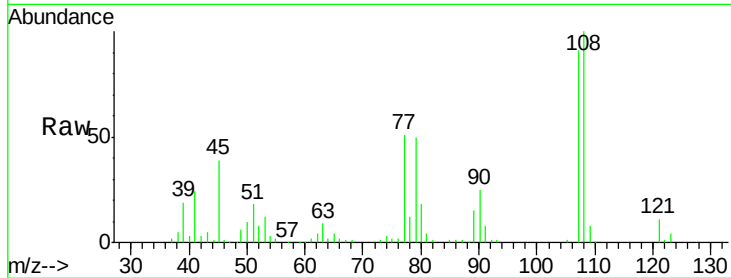
Ion Ratio Lower Upper

107 100

108 109.8 89.8 134.6

77 56.1 35.7 53.5#

79 55.2 35.7 53.5#



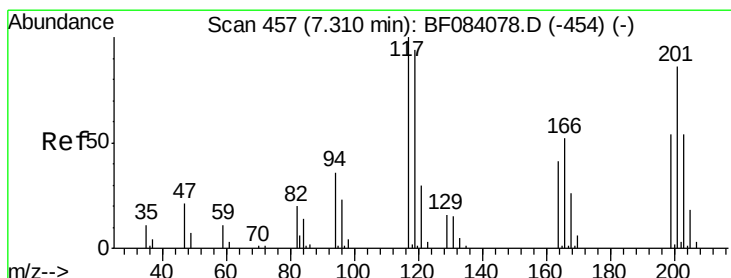
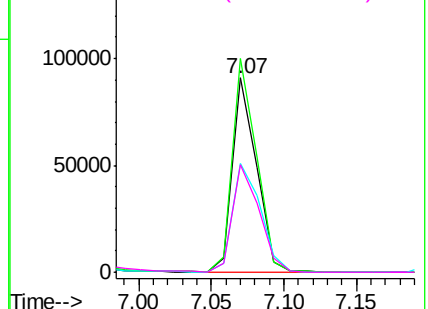
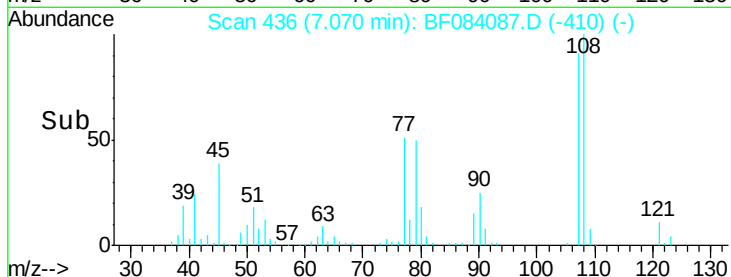
Abundance

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: 37.92 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

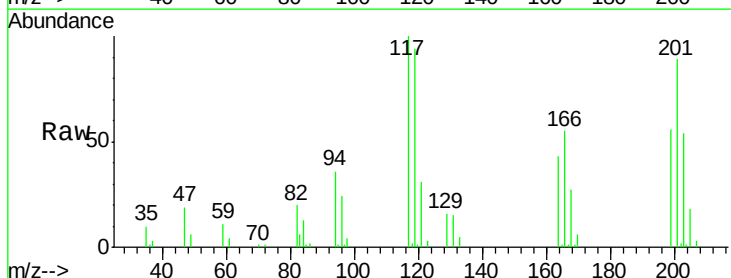
Tgt Ion:117 Resp: 54103

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.0

201 89.4 68.6 103.0

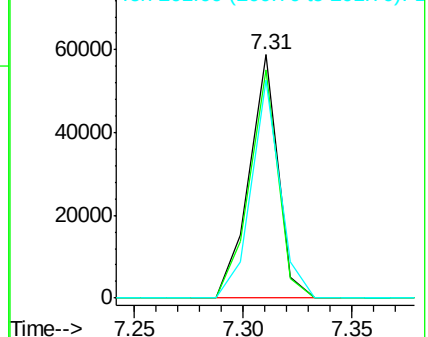
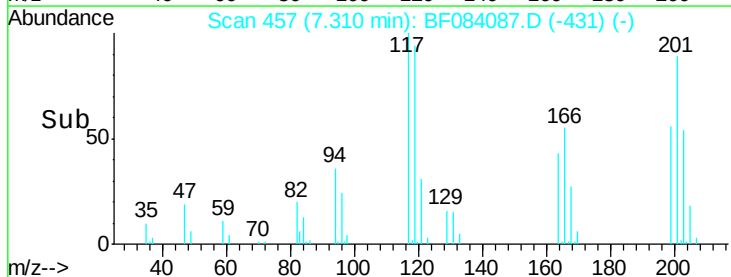


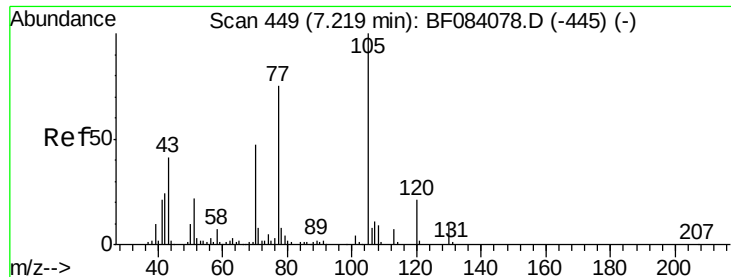
Abundance

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

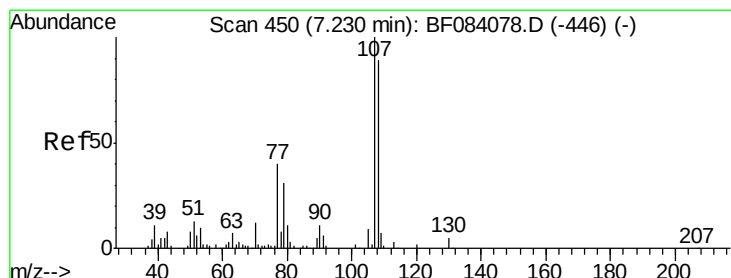
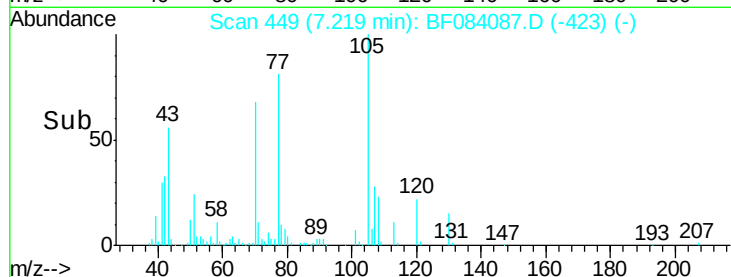
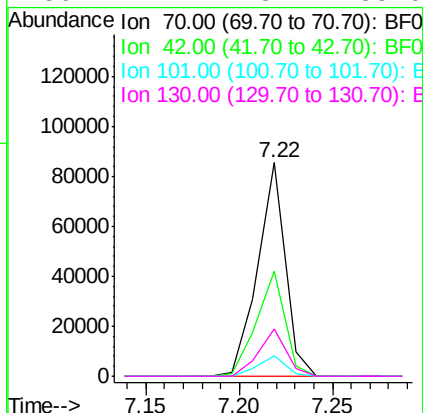
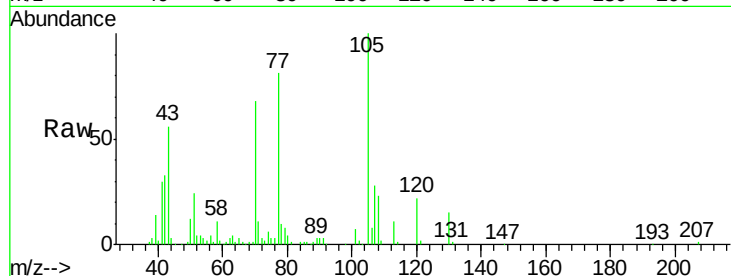




#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

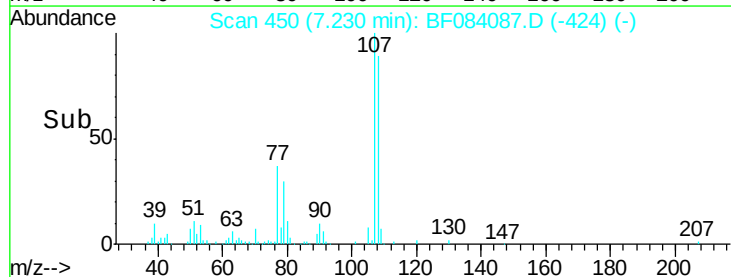
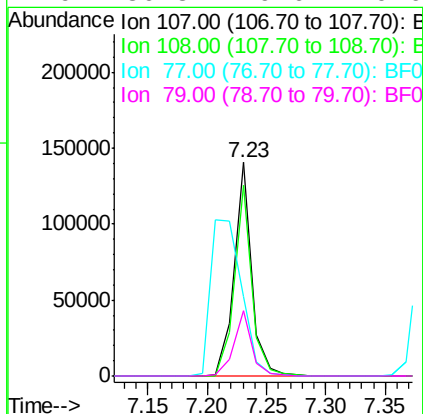
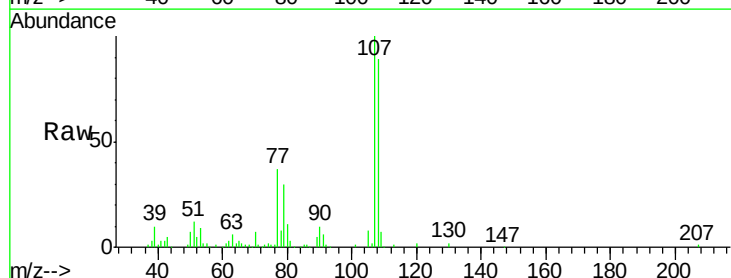
Instrument :
BNA_F
ClientSampleId :
PB87523BSD

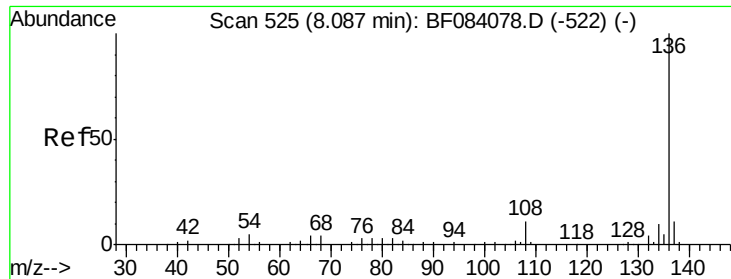
Tgt Ion: 70 Resp: 87259
Ion Ratio Lower Upper
70 100
42 48.9 33.3 49.9
101 9.8 9.3 13.9
130 22.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 41.30 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion: 107 Resp: 143931
Ion Ratio Lower Upper
107 100
108 89.2 64.1 104.1
77 37.1 128.9 168.9#
79 30.3 9.6 49.6

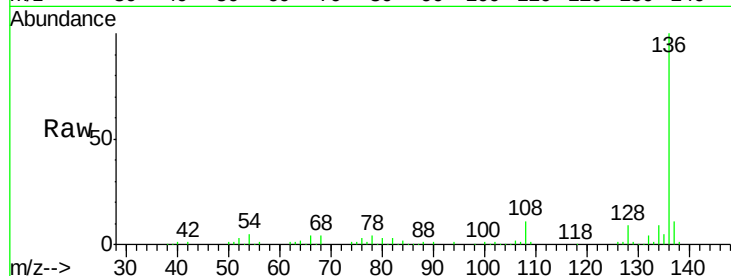




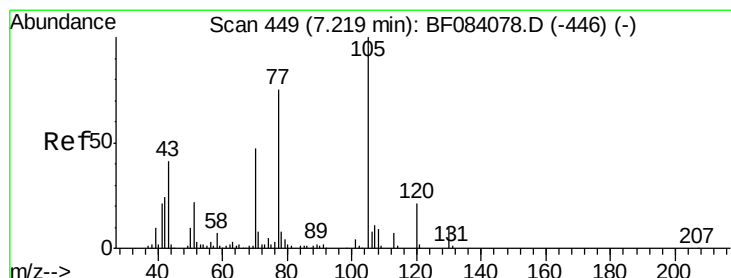
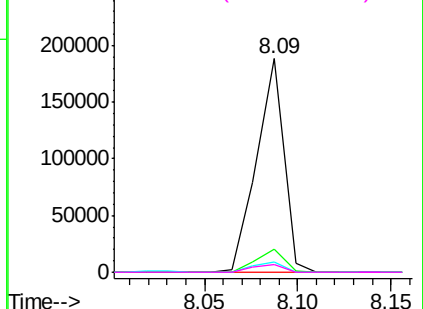
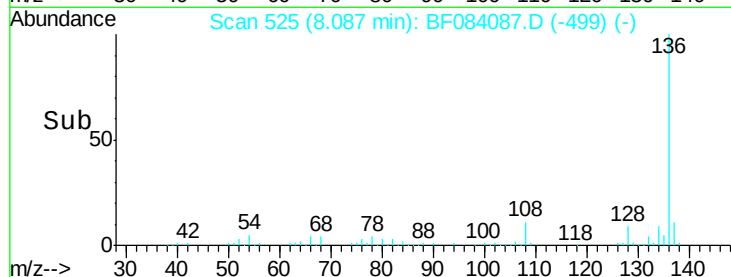
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tgt Ion:	136	Resp:	190347
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	4.8	5.8	8.8#
68	3.7	4.2	6.2#

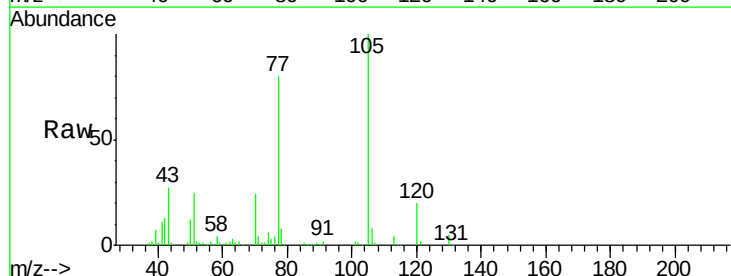


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

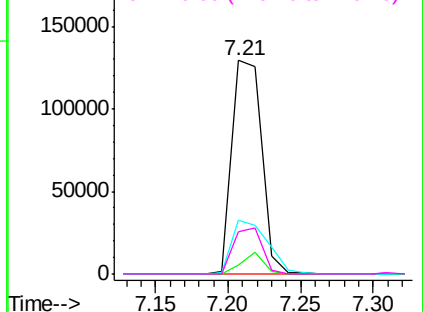
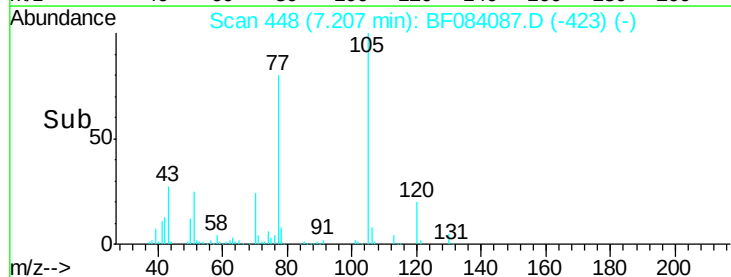


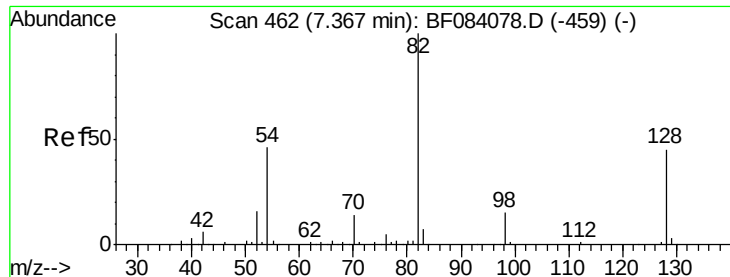
#22
Acetophenone
Concen: 38.79 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:	105	Resp:	184472
Ion Ratio	Lower	Upper	
105	100		
71	4.0	3.7	5.5
51	25.4	25.1	37.7
120	19.5	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 74.76 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

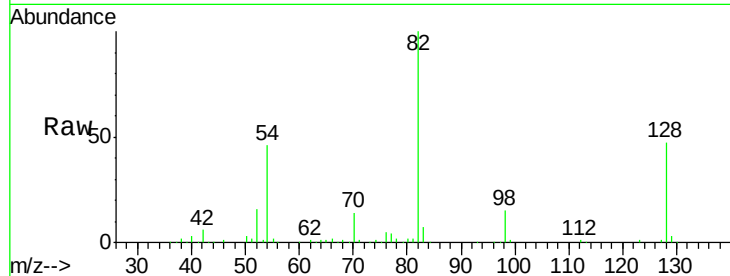
Tgt Ion: 82 Resp: 243106

Ion Ratio Lower Upper

82 100

128 46.5 34.6 51.8

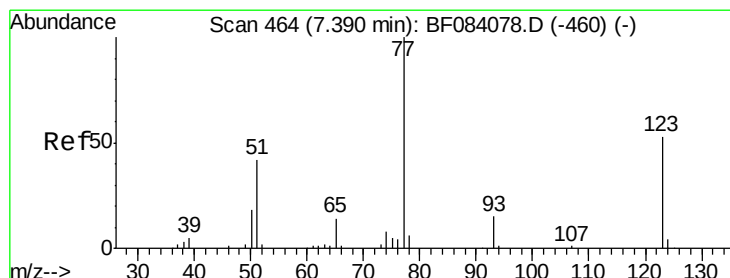
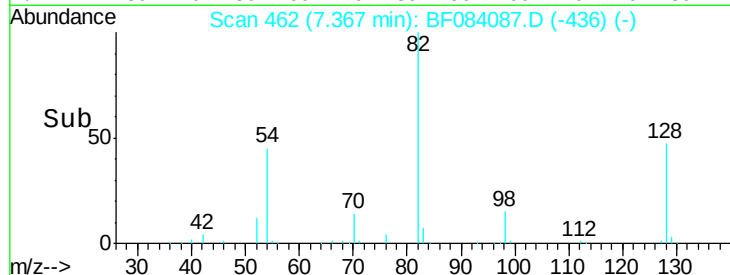
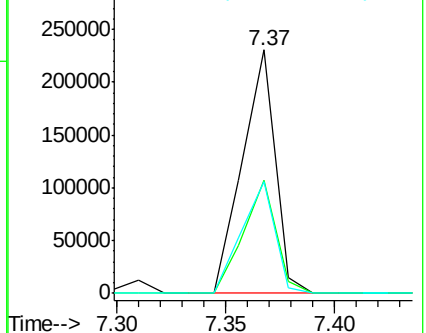
54 45.9 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.20 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

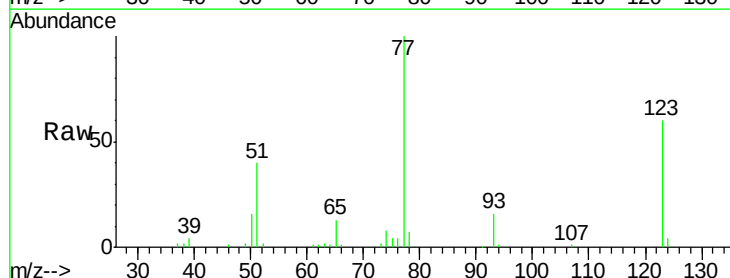
Tgt Ion: 77 Resp: 128439

Ion Ratio Lower Upper

77 100

123 60.2 37.4 56.2#

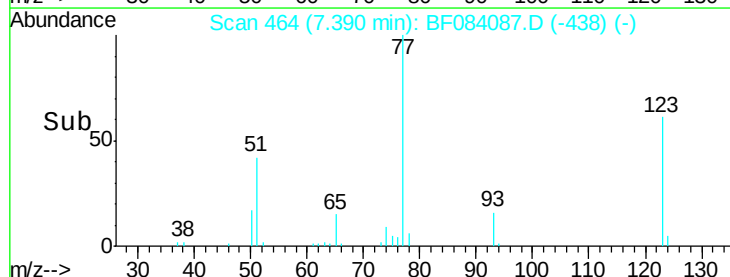
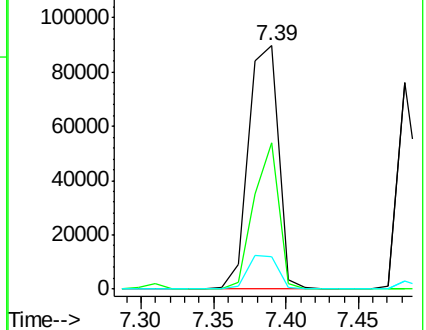
65 13.4 10.9 16.3

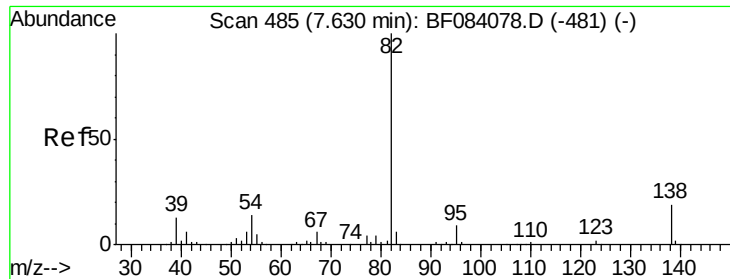


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.84 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

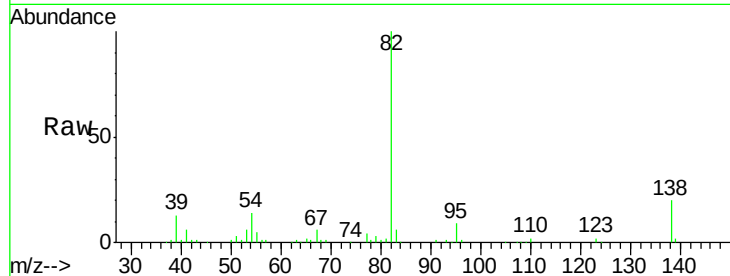
Tgt Ion: 82 Resp: 239652

Ion Ratio Lower Upper

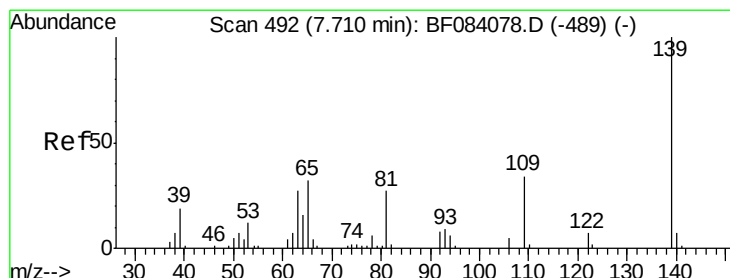
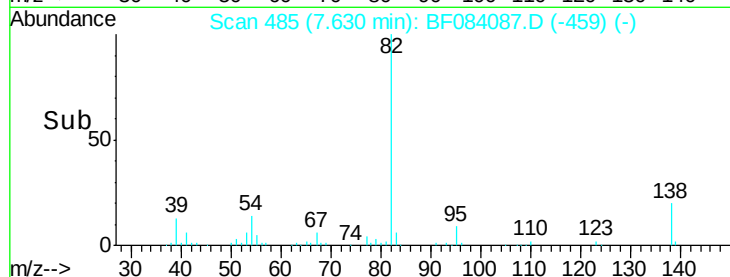
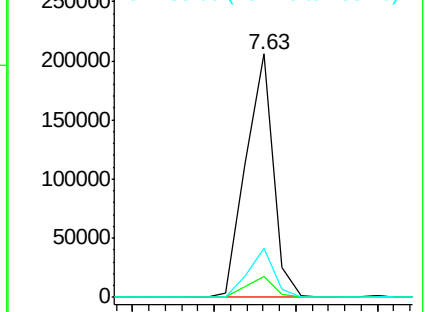
82 100

95 8.8 6.6 10.0

138 20.0 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: 40.33 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

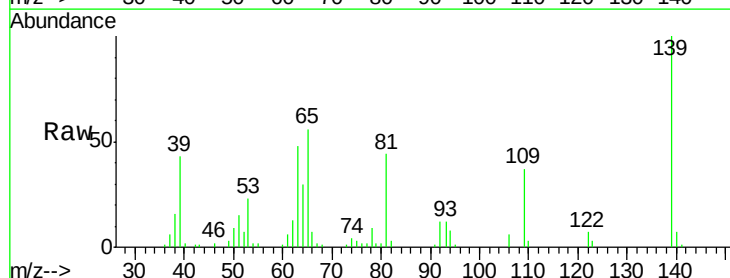
Tgt Ion: 139 Resp: 71260

Ion Ratio Lower Upper

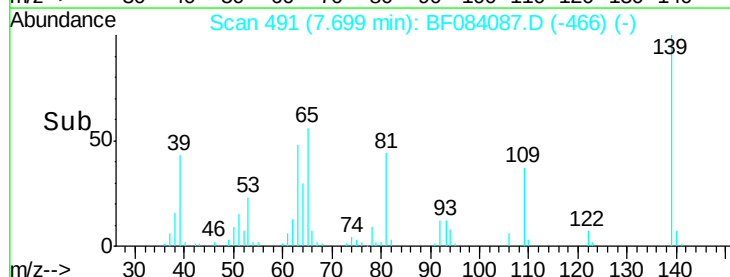
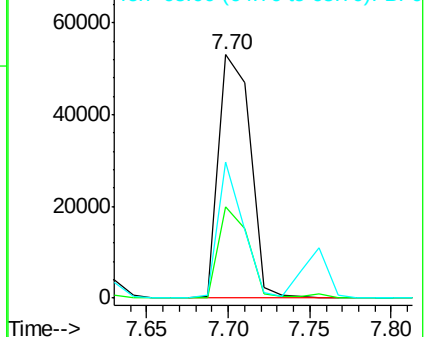
139 100

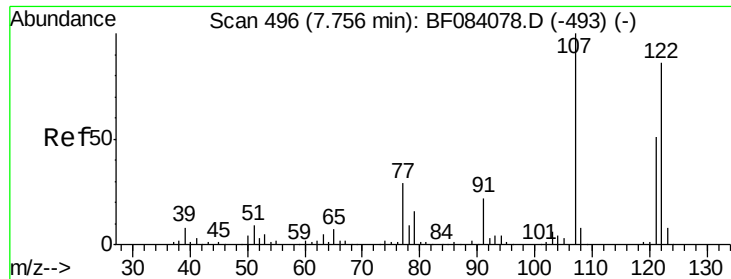
109 37.4 25.4 38.2

65 55.7 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

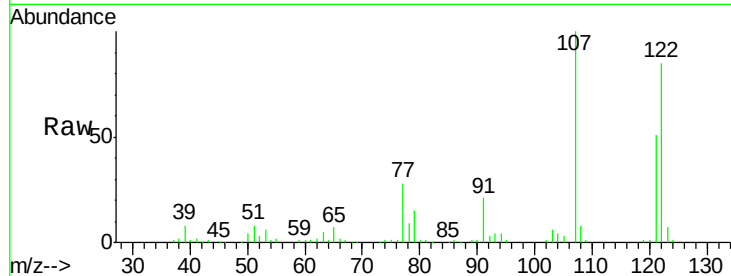




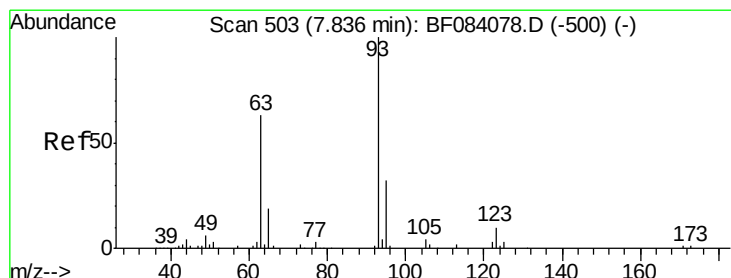
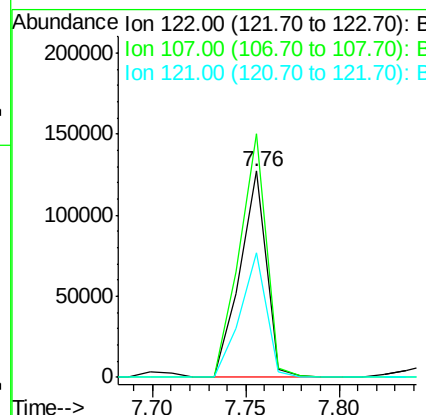
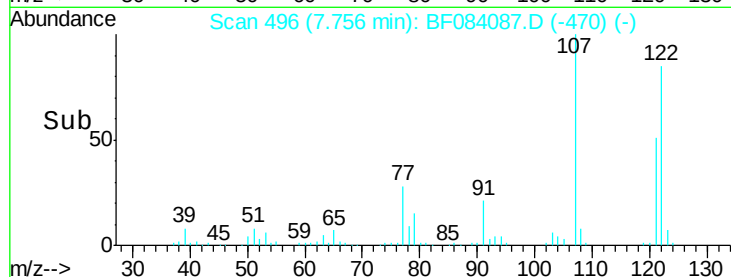
#27
 2,4-Dimethylphenol
 Concen: 43.39 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tgt Ion:122 Resp: 127266
 Ion Ratio Lower Upper
 122 100
 107 118.0 99.1 148.7
 121 60.1 47.9 71.9

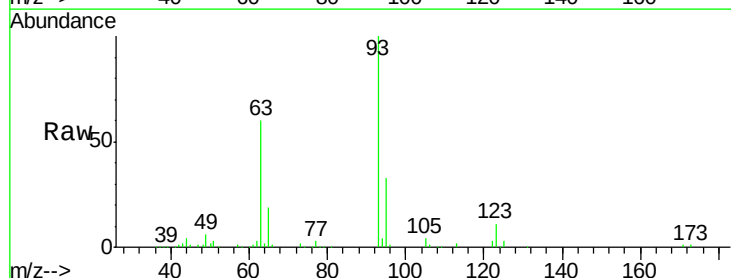


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

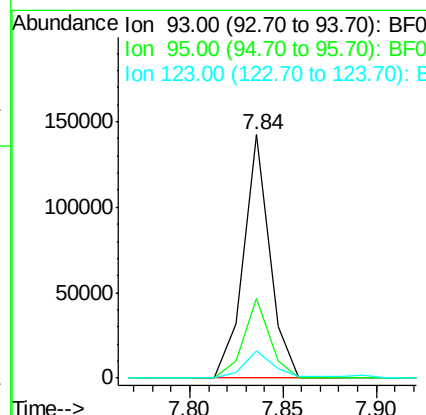
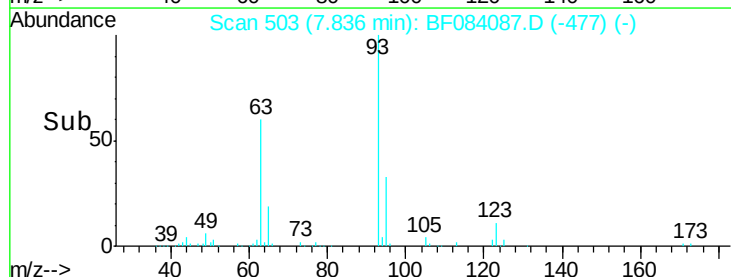


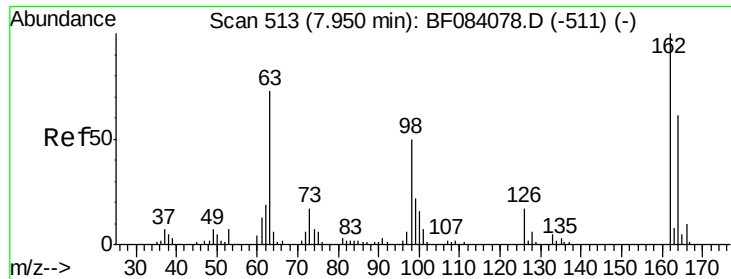
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.20 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion: 93 Resp: 140964
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.6
 123 11.4 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

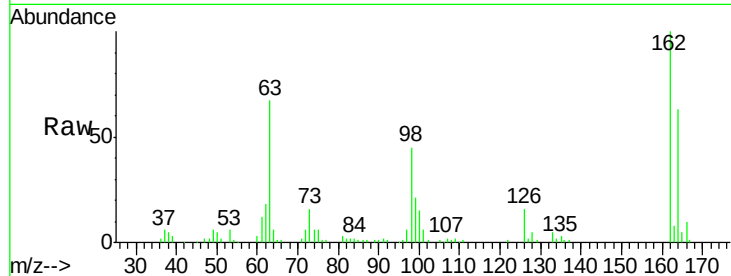




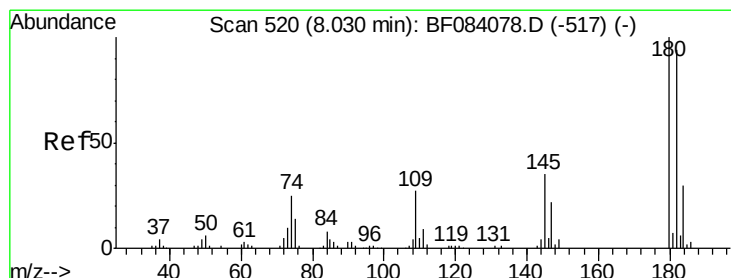
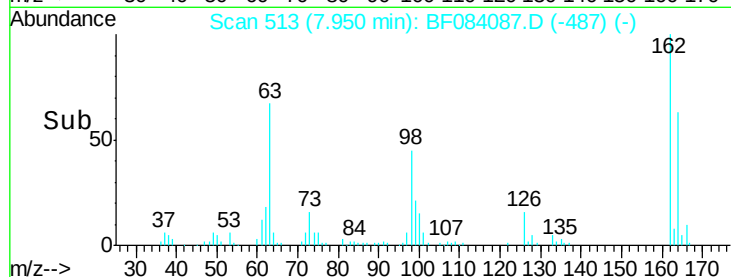
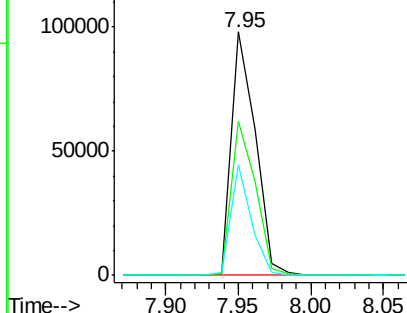
#29
2,4-Dichlorophenol
Concen: 41.31 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tgt Ion:162 Resp: 112518
Ion Ratio Lower Upper
162 100
164 63.2 44.1 84.1
98 45.3 20.2 60.2

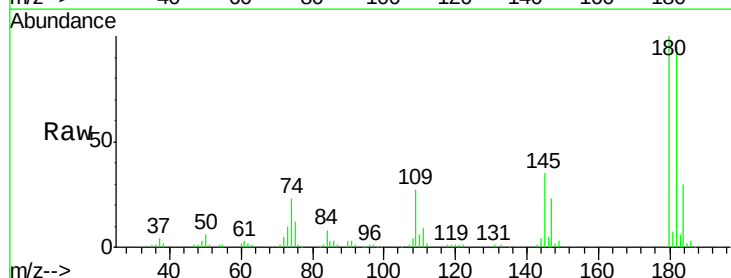


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

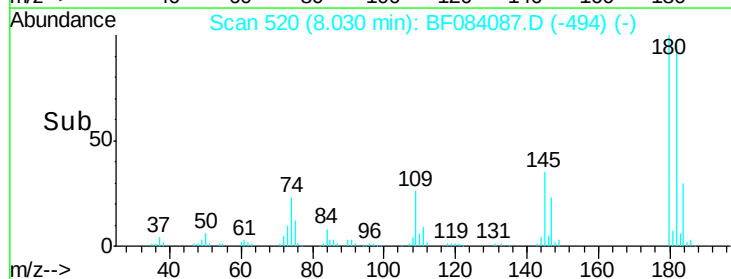
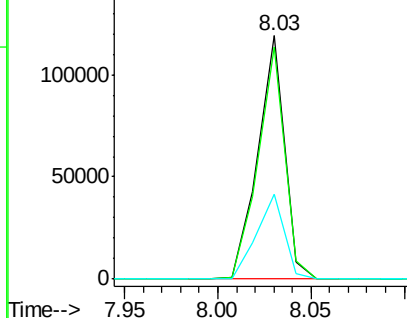


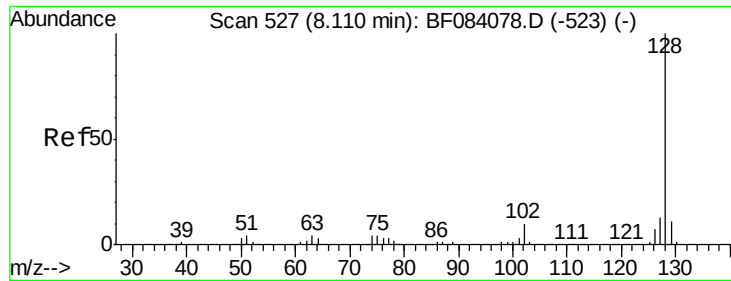
#30
1,2,4-Trichlorobenzene
Concen: 39.38 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:180 Resp: 117557
Ion Ratio Lower Upper
180 100
182 95.2 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

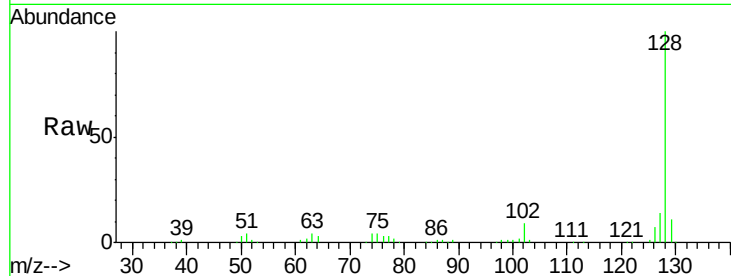




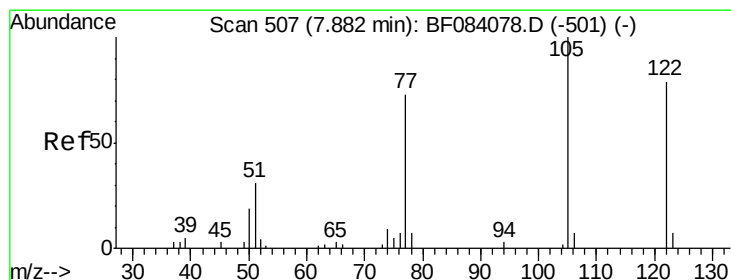
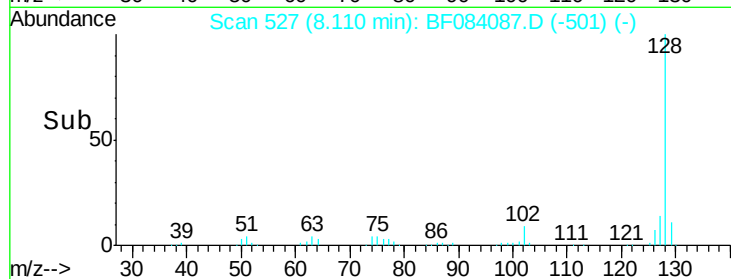
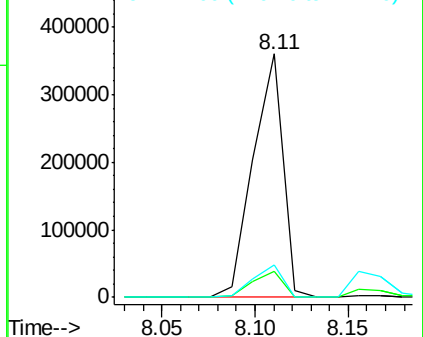
#31
Naphthalene
Concen: 39.98 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tgt Ion:128 Resp: 404931
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.5 11.1 16.7

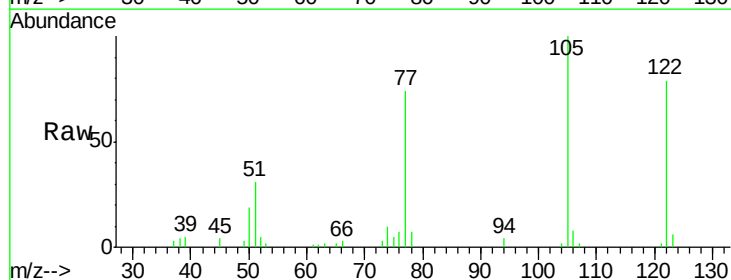


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

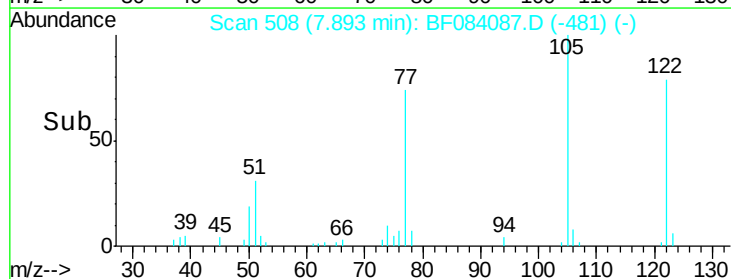
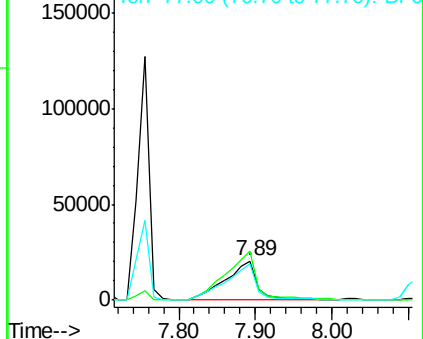


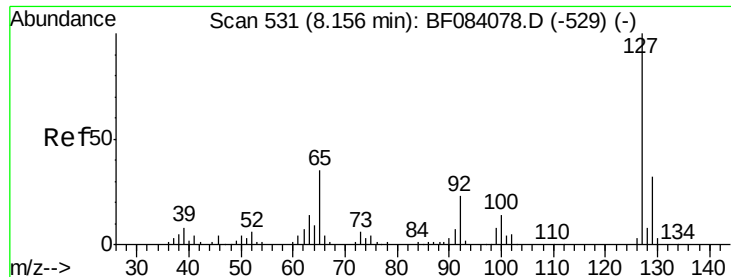
#32
Benzoic acid
Concen: 43.28 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:122 Resp: 60858
Ion Ratio Lower Upper
122 100
105 125.9 100.3 140.3
77 92.7 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

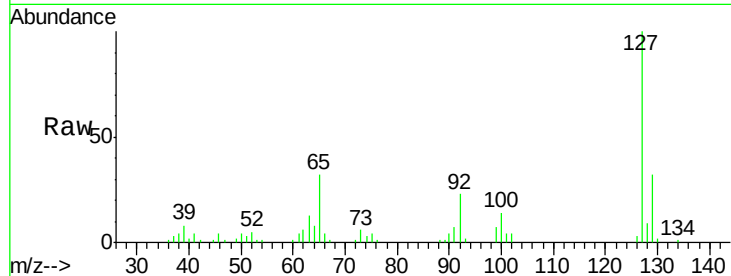




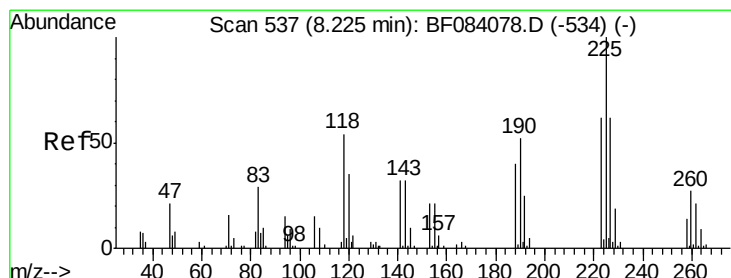
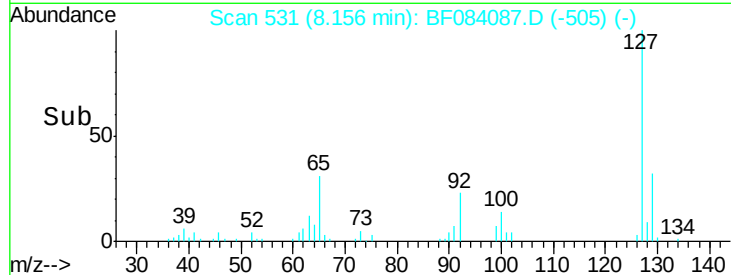
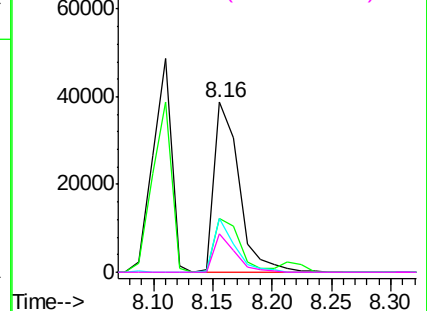
#33
4-Chloroaniline
Concen: 14.10 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tgt Ion:	127	Resp:	56810
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	31.7	27.2	40.8
92	22.5	17.7	26.5

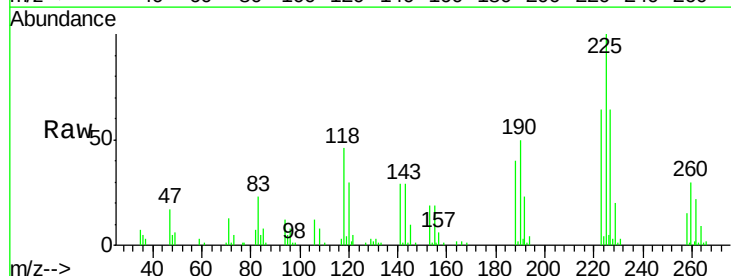


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

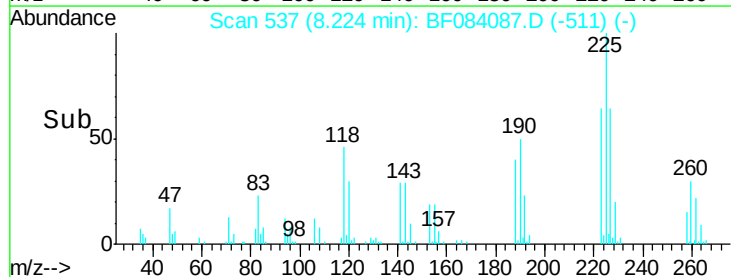
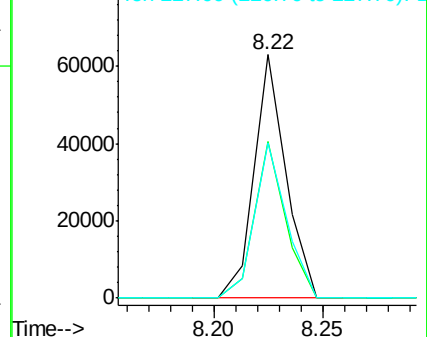


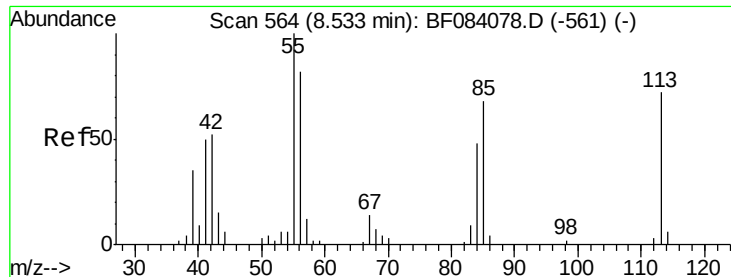
#34
Hexachlorobutadiene
Concen: 37.56 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:	225	Resp:	63951
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.4	74.0
227	63.7	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

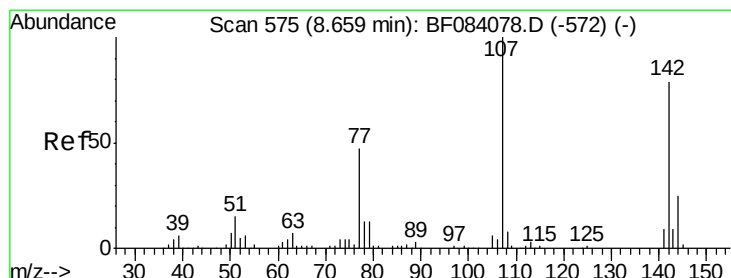
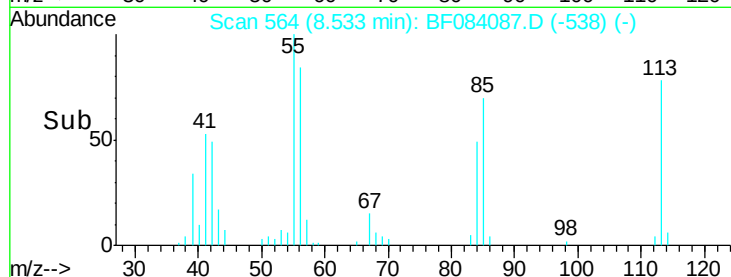
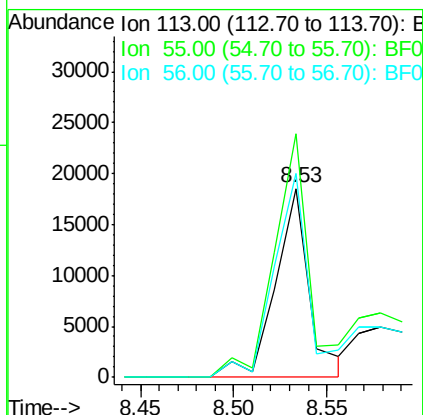
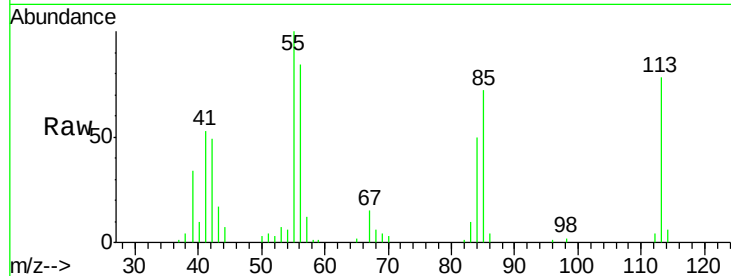




#35
 Caprolactam
 Concen: 30.85 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

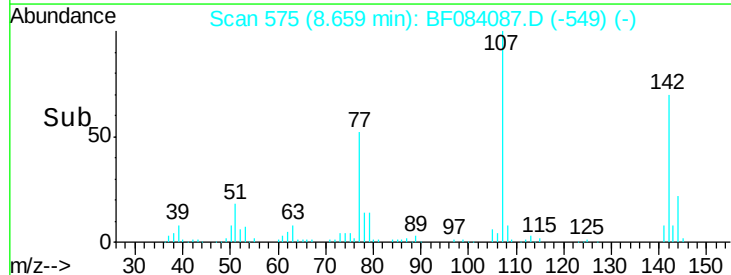
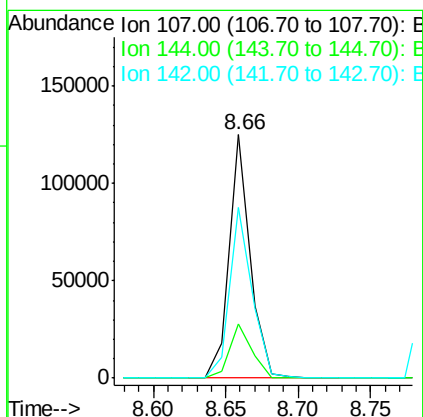
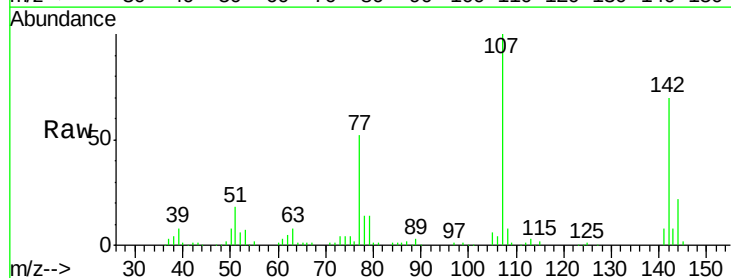
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

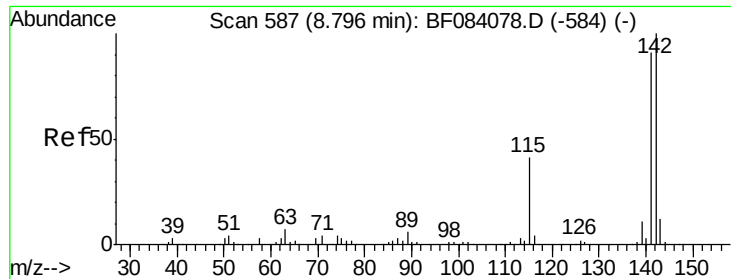
Tgt Ion:113 Resp: 23307
 Ion Ratio Lower Upper
 113 100
 55 128.9 116.9 156.9
 56 108.2 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.00 ng
 RT: 8.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:107 Resp: 125573
 Ion Ratio Lower Upper
 107 100
 144 22.1 19.7 29.5
 142 70.1 61.8 92.6

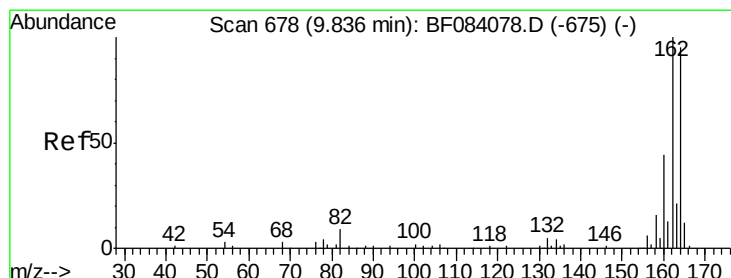
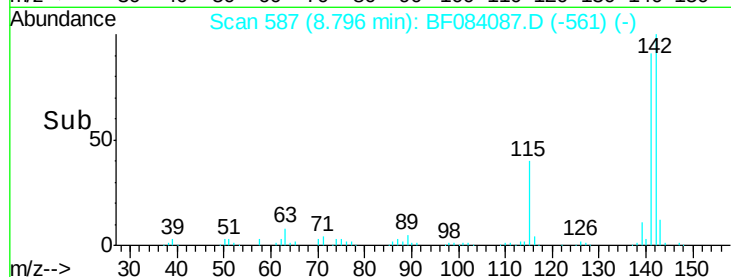
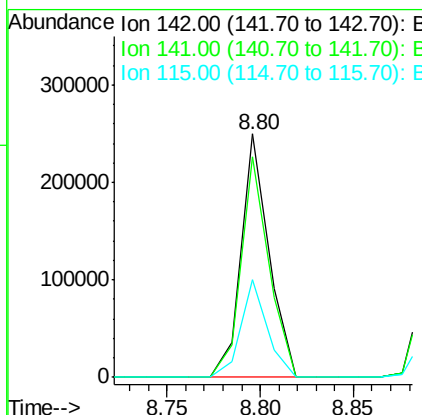
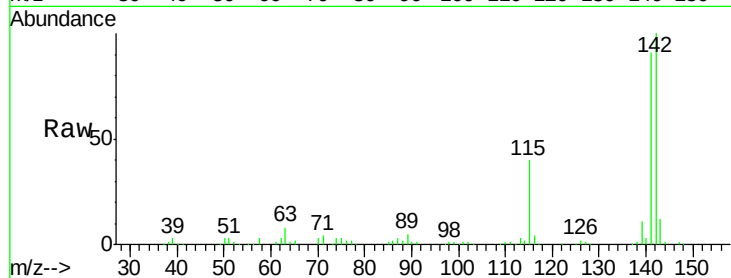




#37
 2-Methylnaphthalene
 Concen: 40.82 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

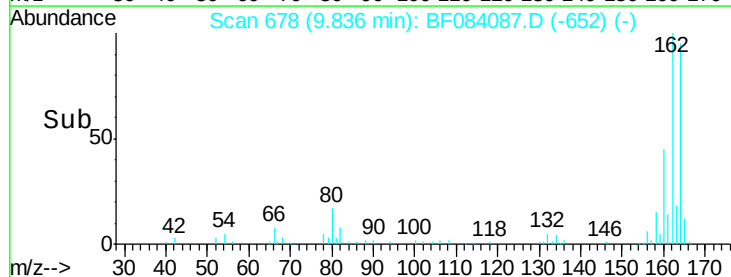
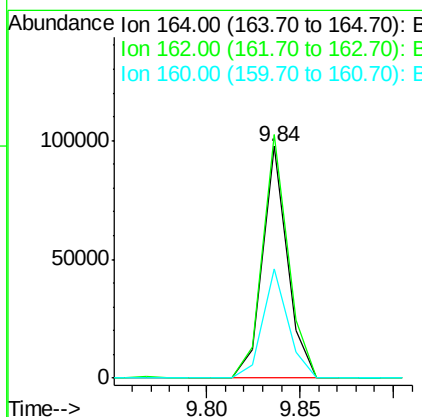
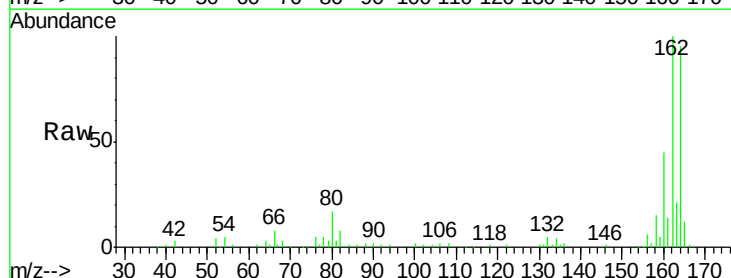
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

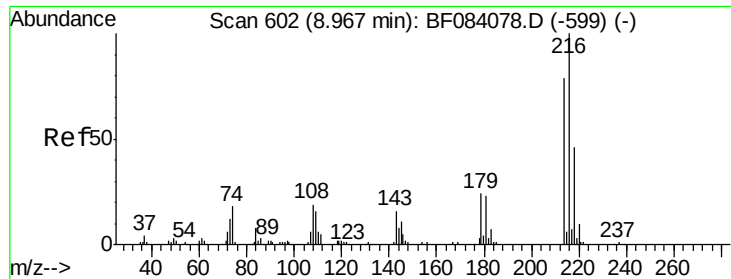
Tgt Ion:142 Resp: 258784
 Ion Ratio Lower Upper
 142 100
 141 90.7 72.4 108.6
 115 40.1 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:164 Resp: 89270
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.1 127.7
 160 47.1 37.5 56.3

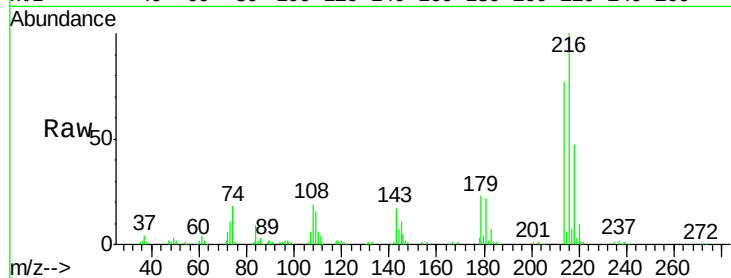




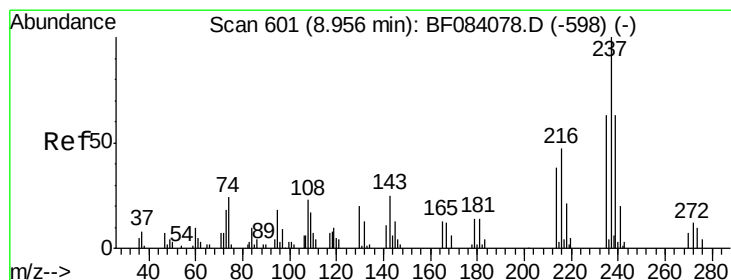
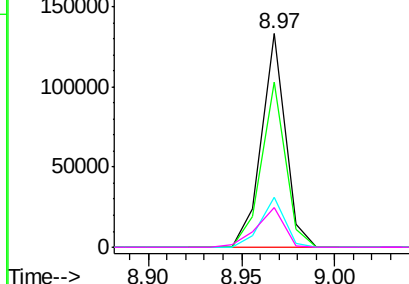
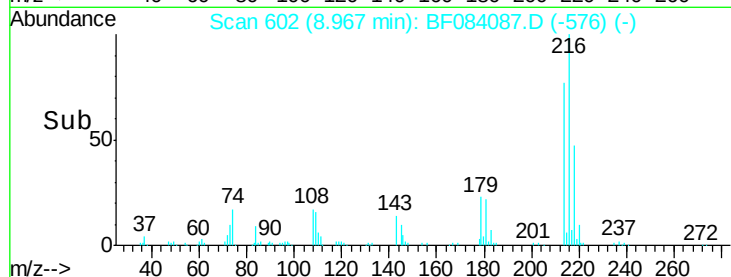
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.03 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tgt Ion:	216	Resp:	118286
Ion	Ratio	Lower	Upper
216	100		
214	77.9	64.2	96.2
179	23.6	18.7	28.1
108	21.6	16.8	25.2

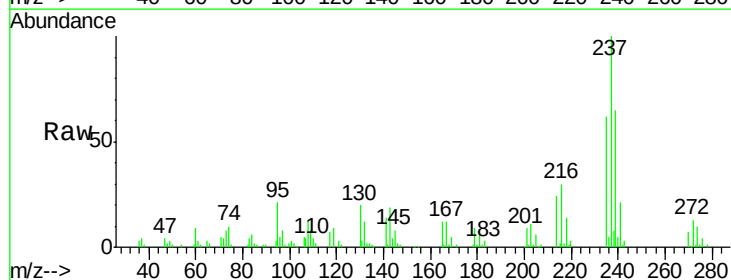


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

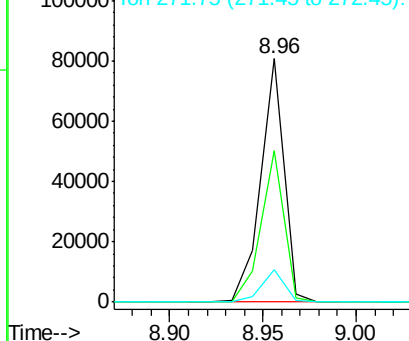
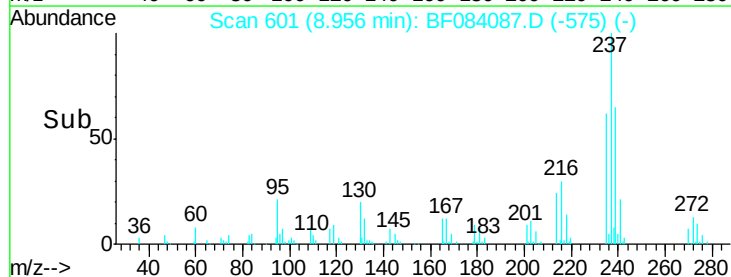


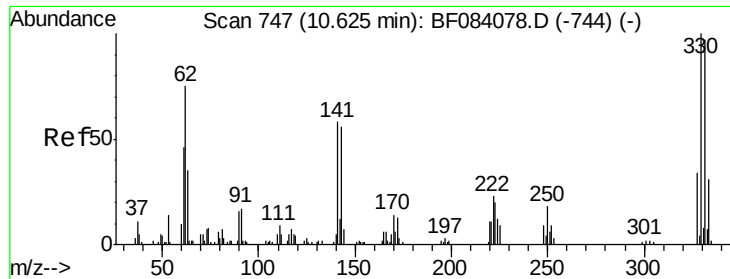
#40
 Hexachlorocyclopentadiene
 Concen: 83.12 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:	237	Resp:	69211
Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.1	83.1
272	13.3	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

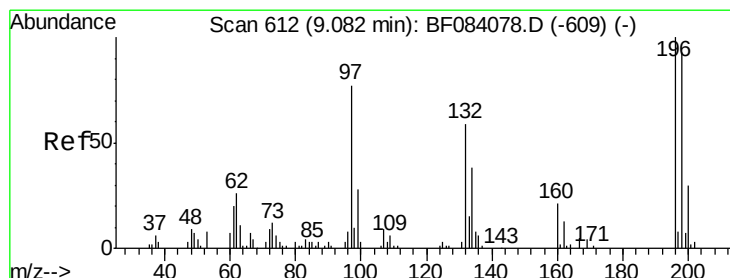
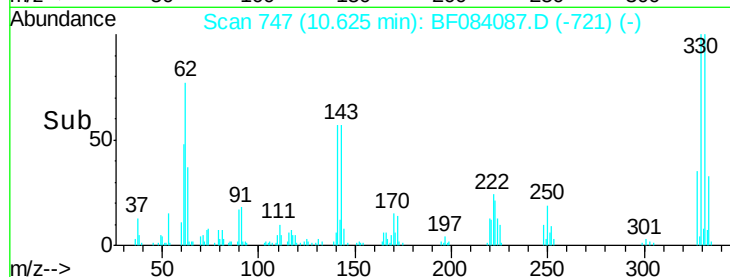
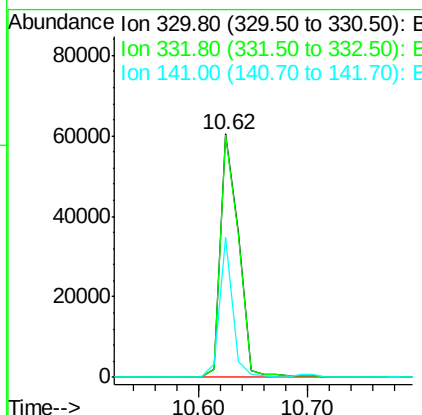
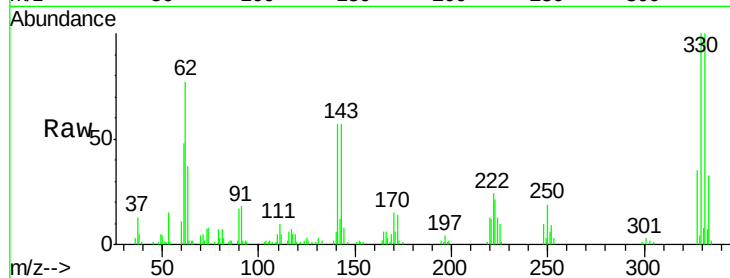




#41
 2,4,6-Tribromophenol
 Concen: 74.10 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

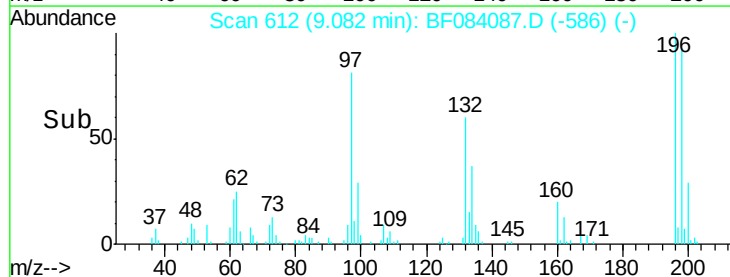
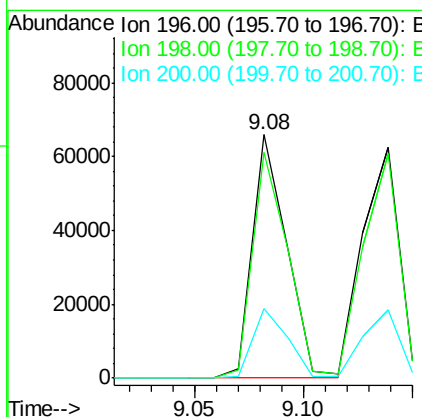
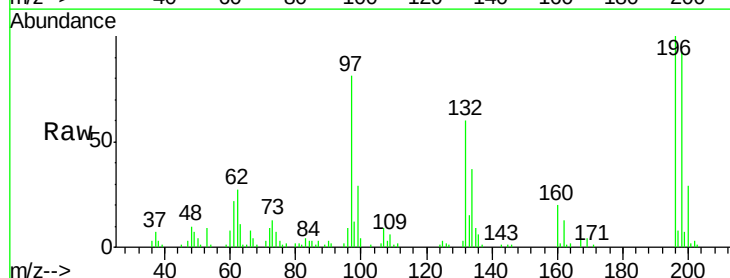
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

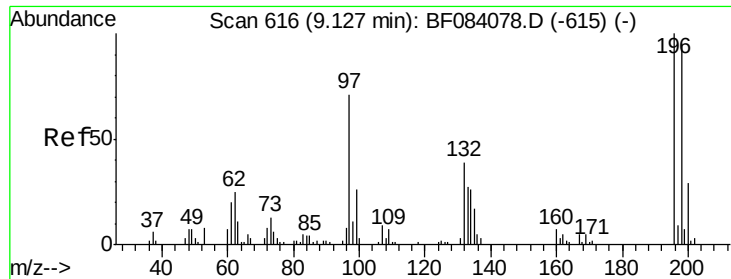
Tgt Ion:330 Resp: 70543
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 114.8
 141 41.8 27.8 41.6#



#42
 2,4,6-Trichlorophenol
 Concen: 39.56 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:196 Resp: 72590
 Ion Ratio Lower Upper
 196 100
 198 92.9 77.7 116.5
 200 28.7 24.6 37.0

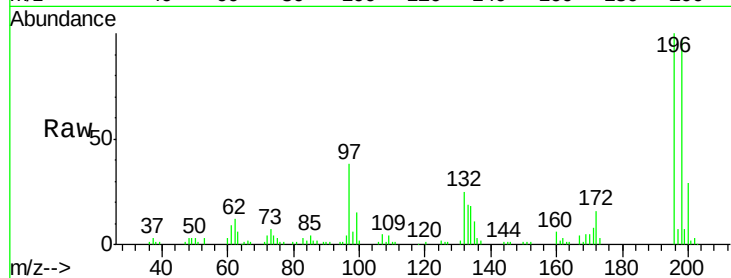




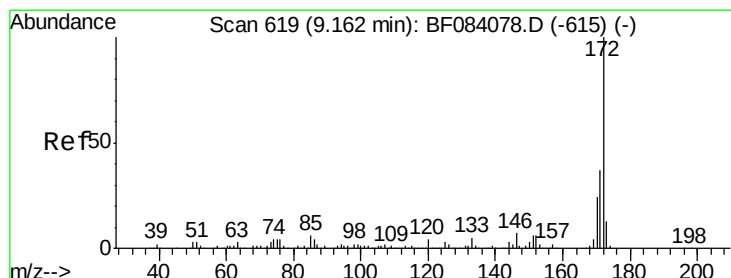
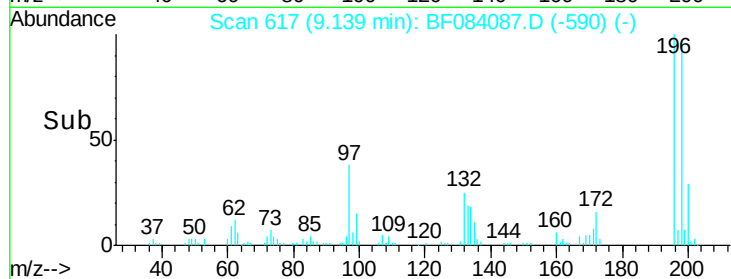
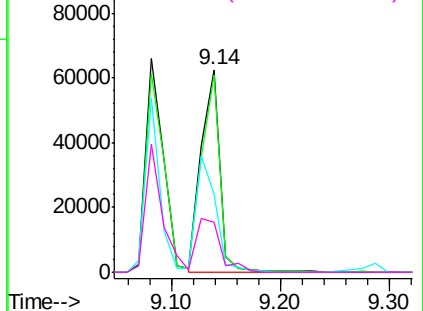
#43
 2,4,5-Trichlorophenol
 Concen: 41.29 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tgt Ion:196 Resp: 75840
 Ion Ratio Lower Upper
 196 100
 198 97.1 79.0 118.6
 97 38.3 33.0 49.6
 132 24.7 21.1 31.7

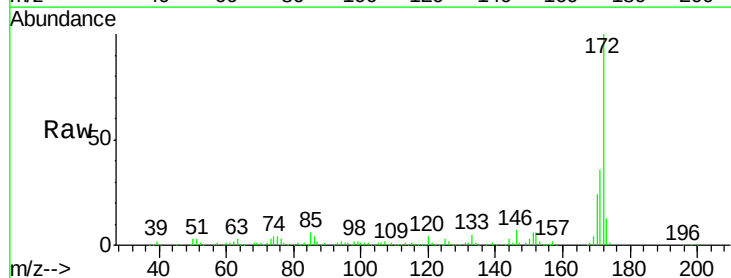


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

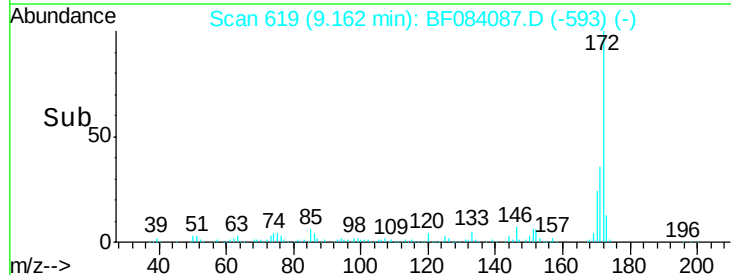
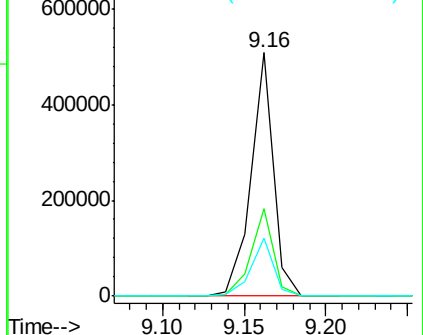


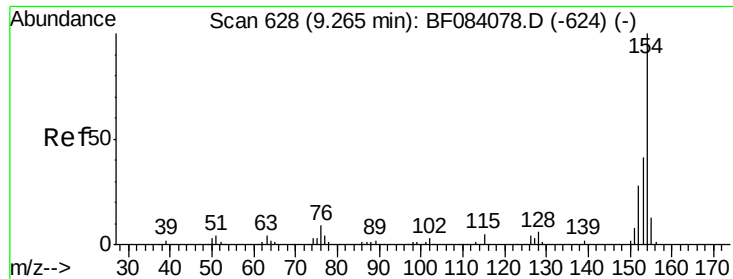
#44
 2-Fluorobiphenyl
 Concen: 74.38 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:172 Resp: 485276
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

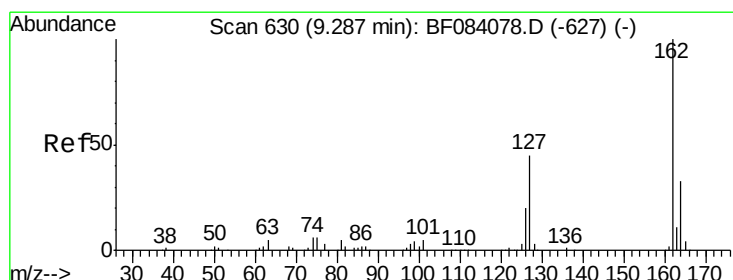
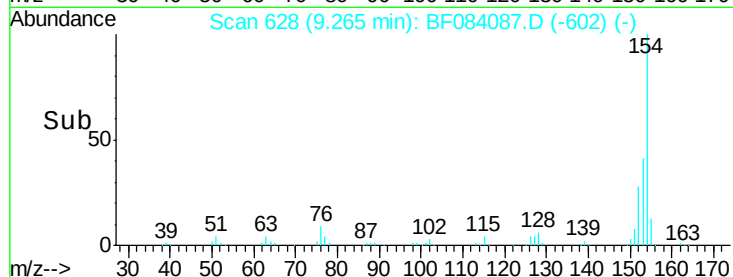
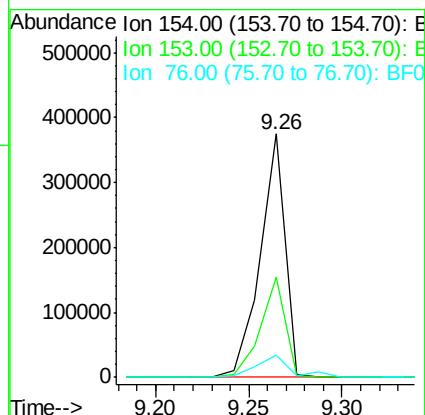
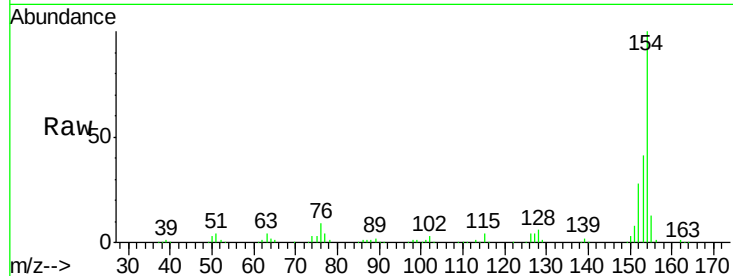




#45
1,1'-Biphenyl
Concen: 43.27 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

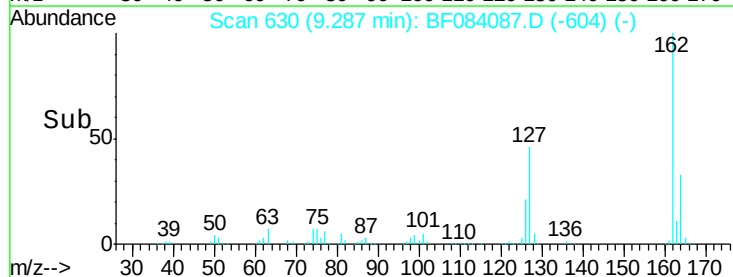
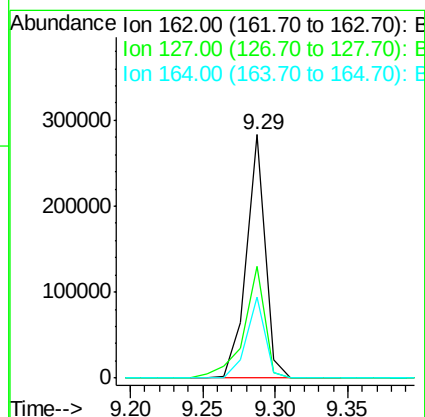
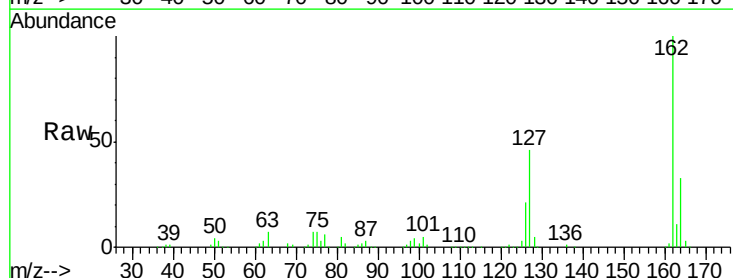
Instrument :
BNA_F
ClientSampleId :
PB87523BSD

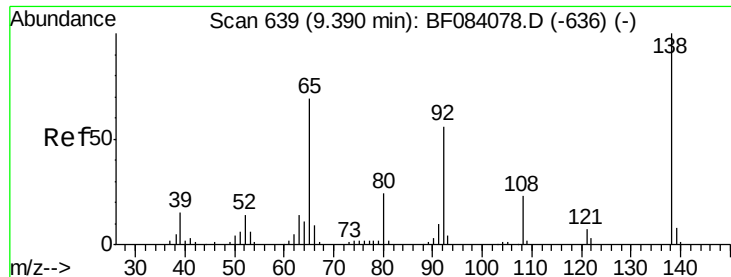
Tgt Ion:154 Resp: 348949
Ion Ratio Lower Upper
154 100
153 41.4 21.6 61.6
76 9.1 0.0 32.7



#46
2-Chloronaphthalene
Concen: 41.64 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:162 Resp: 255317
Ion Ratio Lower Upper
162 100
127 45.7 40.2 60.4
164 33.2 25.7 38.5

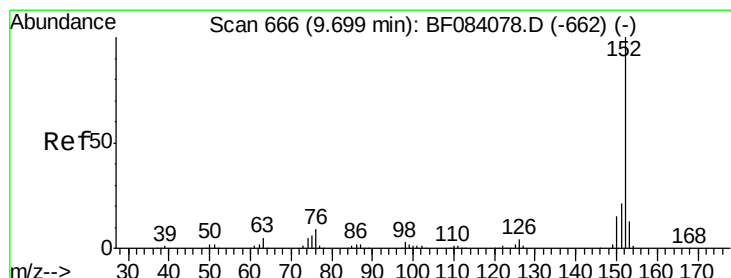
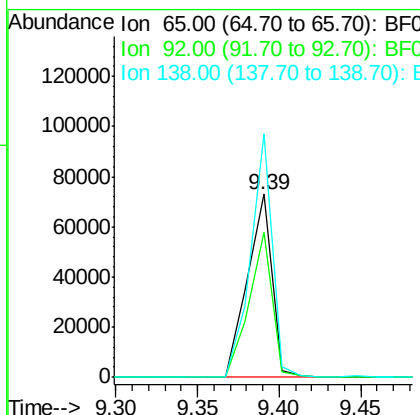
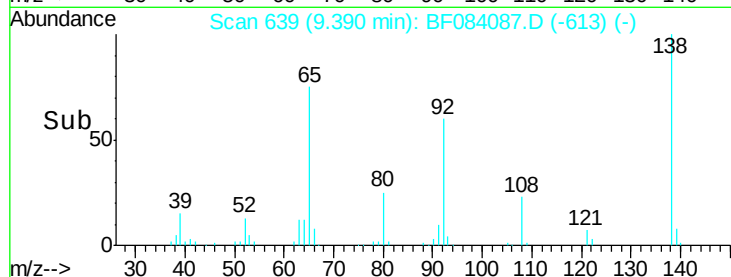
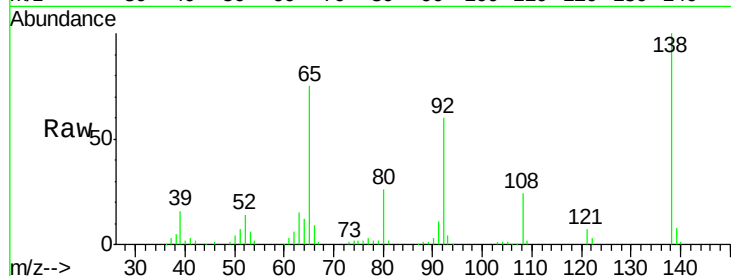




#47
2-Nitroaniline
Concen: 46.72 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

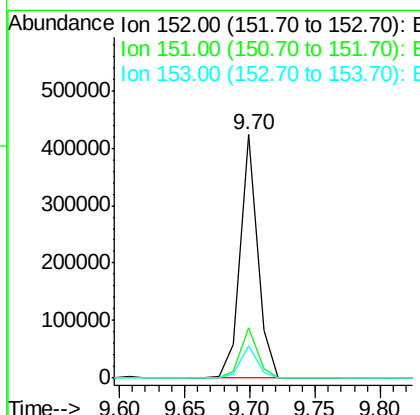
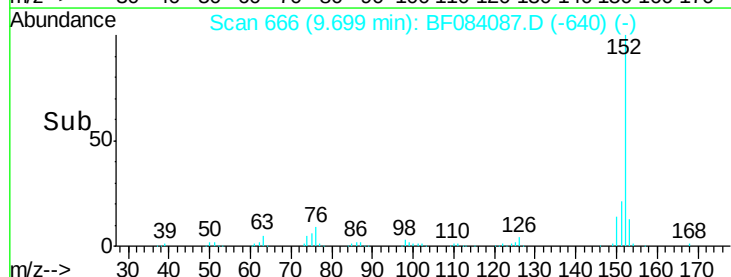
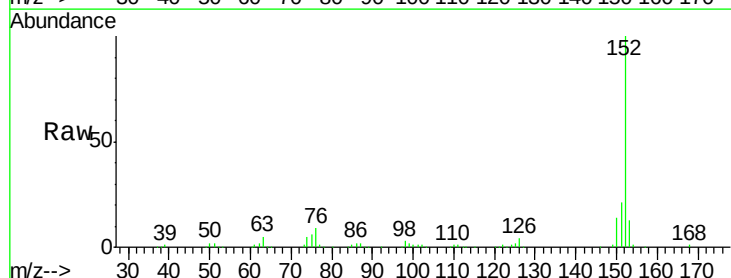
Instrument :
BNA_F
ClientSampleId :
PB87523BSD

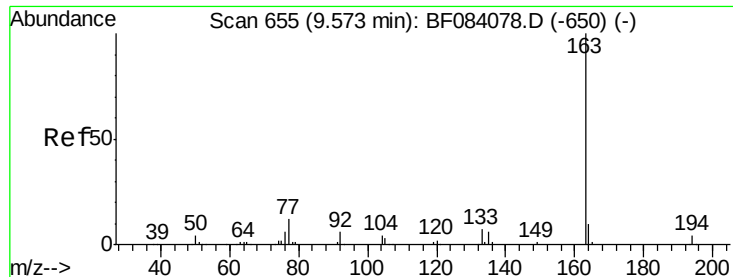
Tgt Ion: 65 Resp: 76118
Ion Ratio Lower Upper
65 100
92 79.1 53.4 80.2
138 132.8 71.1 106.7#



#48
Acenaphthylene
Concen: 38.79 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion: 152 Resp: 390549
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.4 10.4 15.6

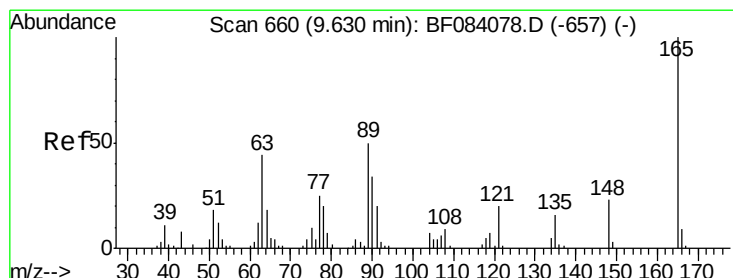
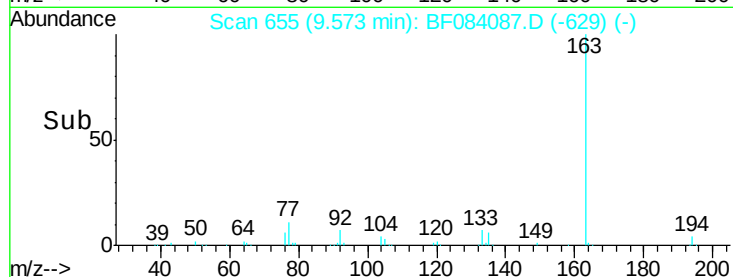
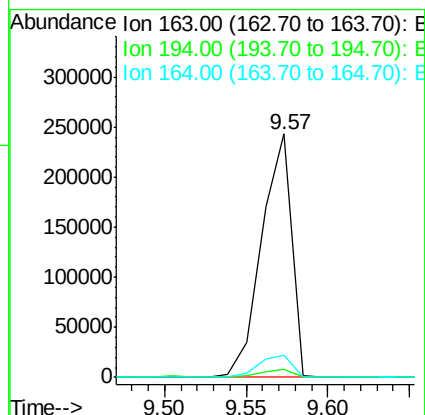
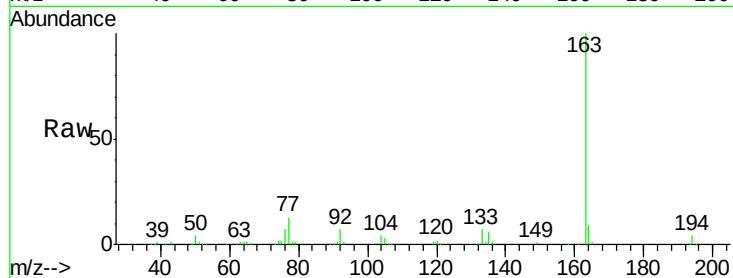




#49
Dimethylphthalate
Concen: 42.12 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

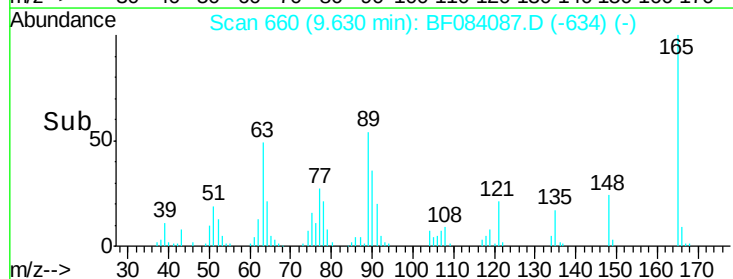
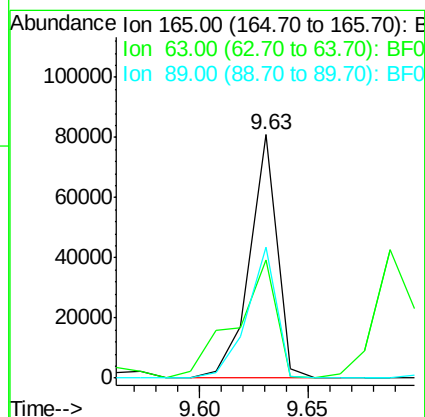
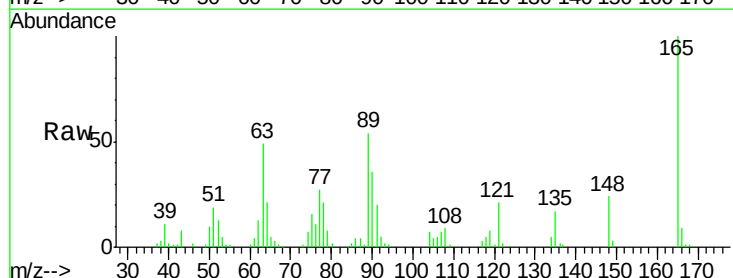
Instrument :
BNA_F
ClientSampleId :
PB87523BSD

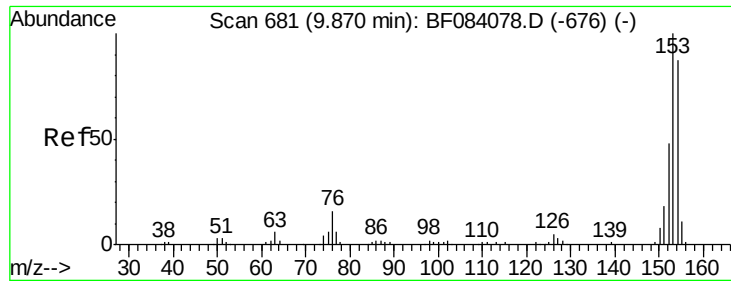
Tgt Ion:163 Resp: 311403
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 9.3 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 45.20 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:165 Resp: 70931
Ion Ratio Lower Upper
165 100
63 48.6 28.8 43.2#
89 53.6 35.1 52.7#

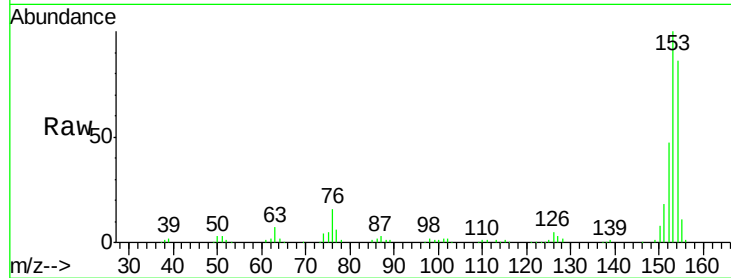




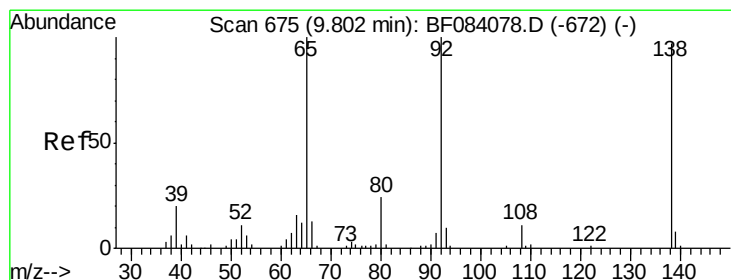
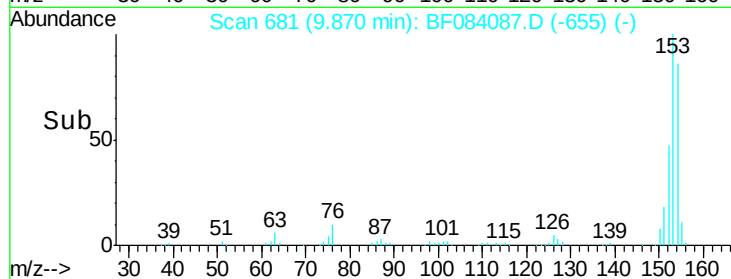
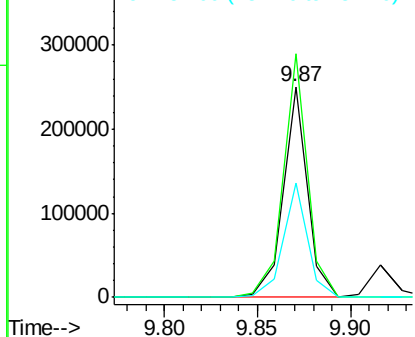
#51
Acenaphthene
Concen: 38.79 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tgt Ion:154 Resp: 227128
Ion Ratio Lower Upper
154 100
153 115.7 91.5 137.3
152 54.5 43.0 64.6

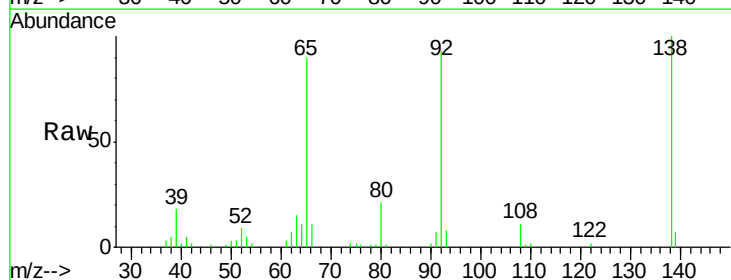


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

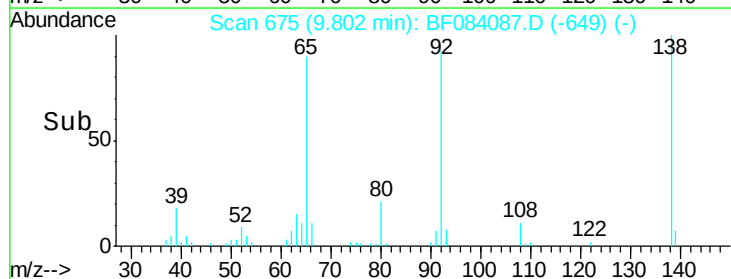
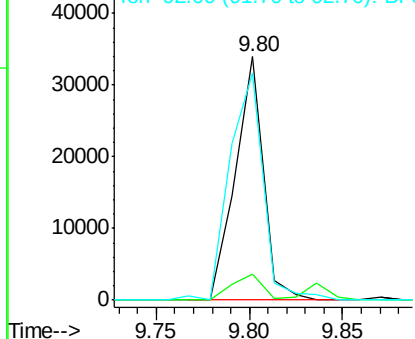


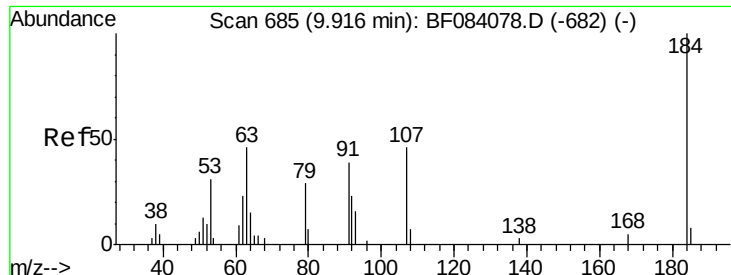
#52
3-Nitroaniline
Concen: 21.21 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:138 Resp: 35720
Ion Ratio Lower Upper
138 100
108 10.8 10.5 15.7
92 93.2 103.9 155.9#



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

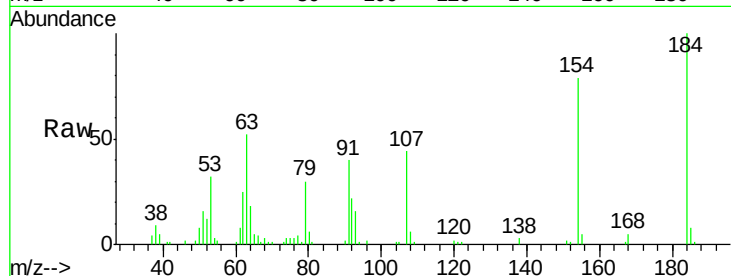




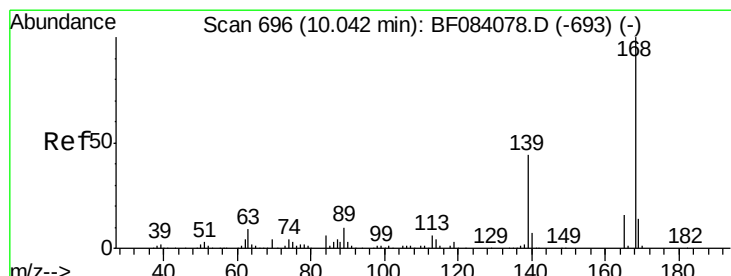
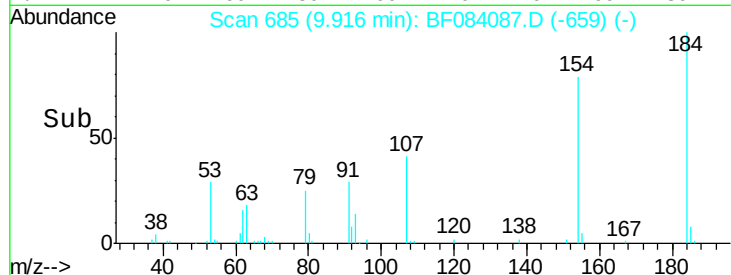
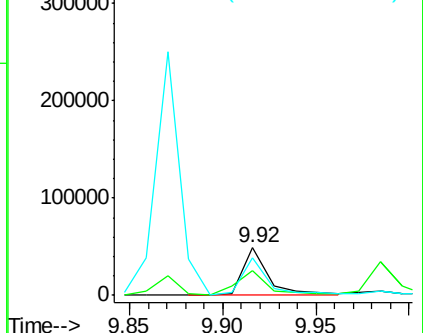
#53
 2,4-Dinitrophenol
 Concen: 79.70 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tgt Ion:184 Resp: 48504
 Ion Ratio Lower Upper
 184 100
 63 52.1 43.1 64.7
 154 79.3 60.5 90.7

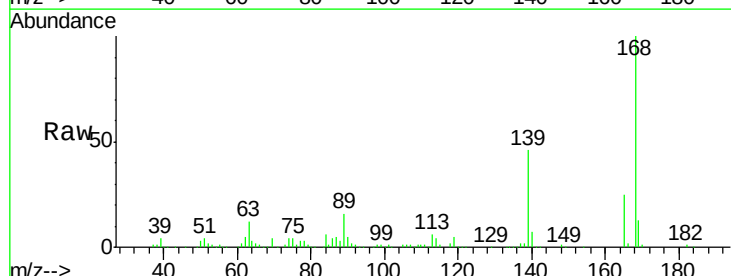


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

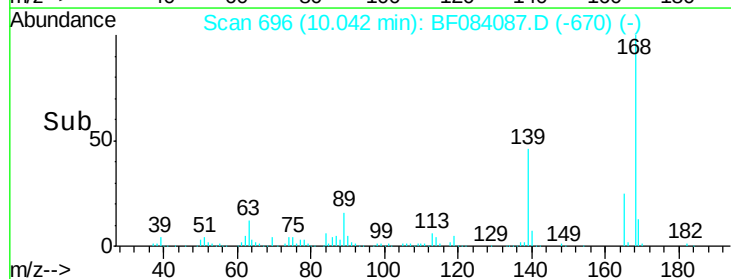
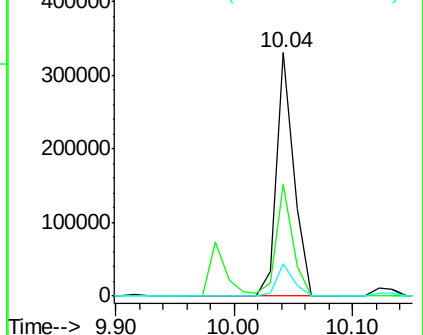


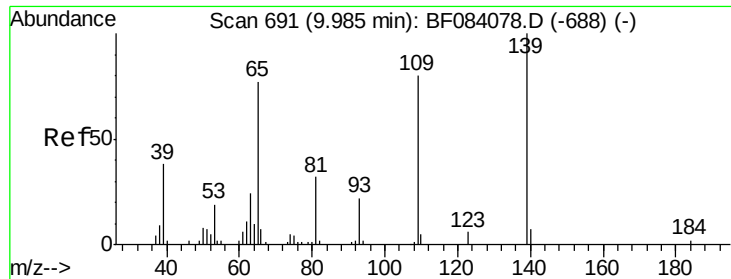
#54
 Dibenzofuran
 Concen: 41.27 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:168 Resp: 332361
 Ion Ratio Lower Upper
 168 100
 139 46.1 30.5 45.7#
 169 13.3 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 82.84 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

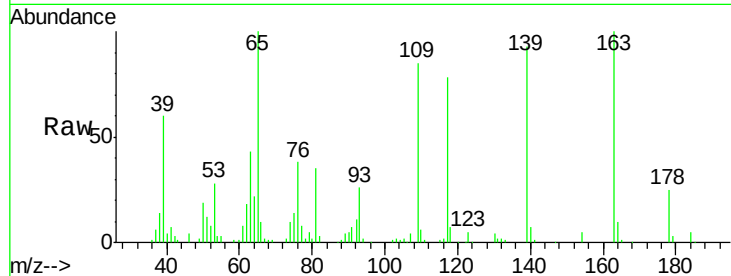
Tgt Ion:139 Resp: 71215

Ion Ratio Lower Upper

139 100

109 91.3 58.5 98.5

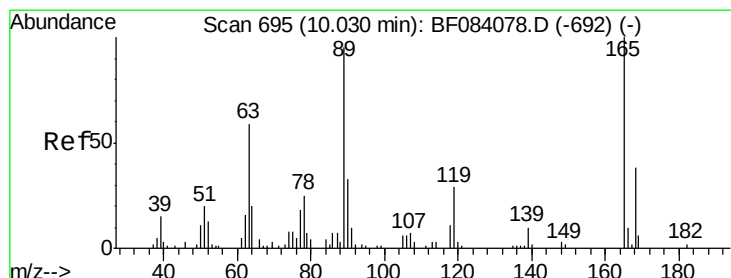
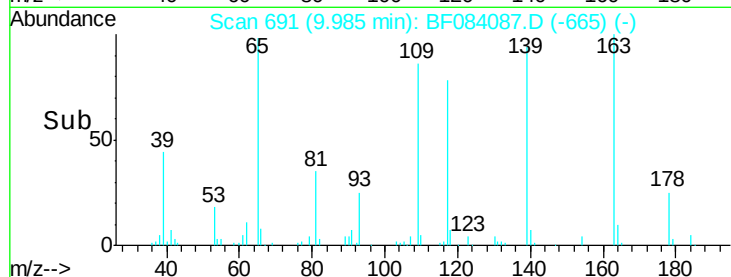
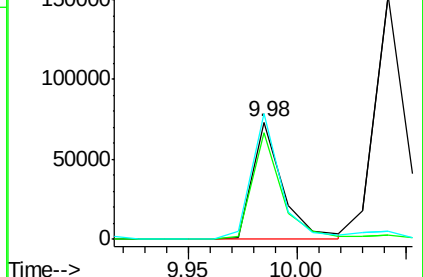
65 107.1 57.6 97.6#



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: 44.36 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:165 Resp: 91903

Ion Ratio Lower Upper

165 100

63 49.0 36.7 55.1

89 64.6 61.9 92.9

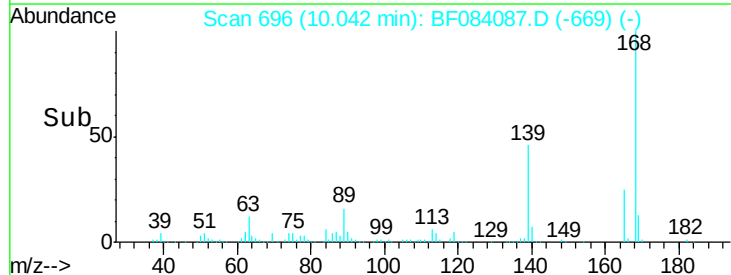
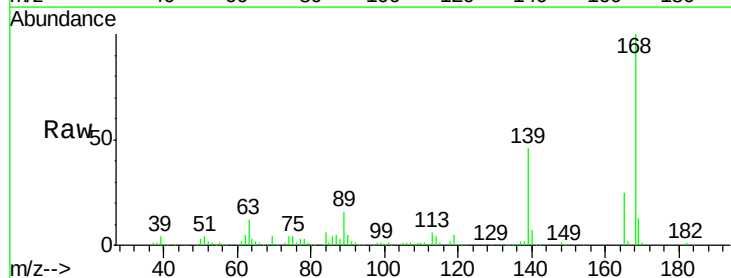
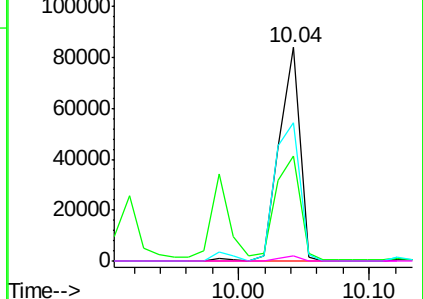
182 2.4 2.0 3.0

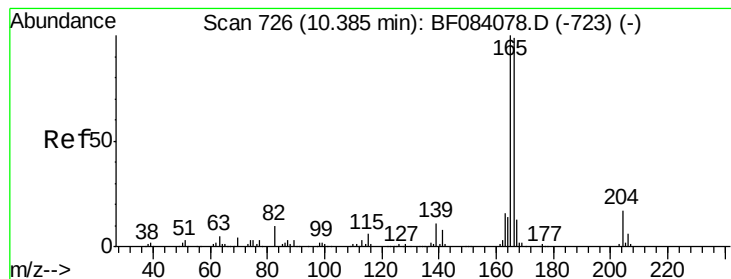
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.18 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

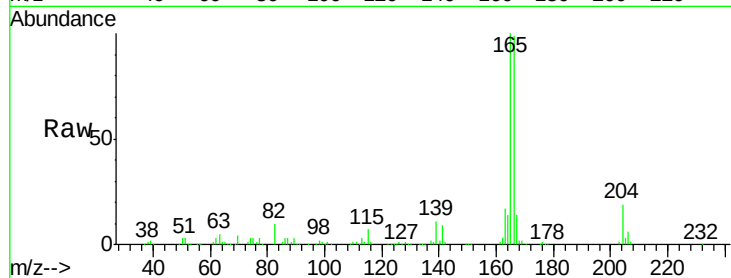
Tgt Ion:166 Resp: 268163

Ion Ratio Lower Upper

166 100

165 100.8 79.1 118.7

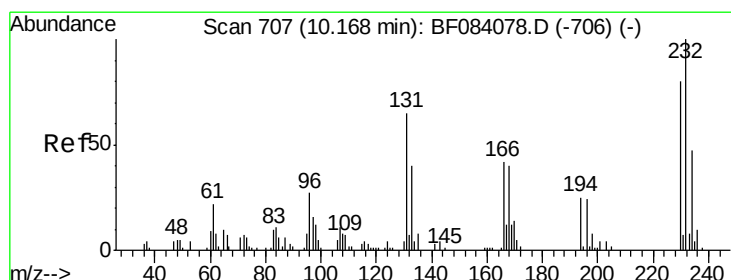
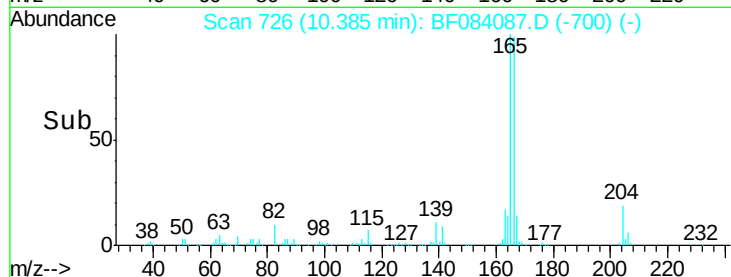
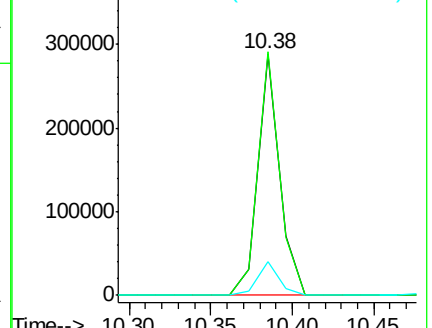
167 14.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.15 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Tgt Ion:232 Resp: 59111

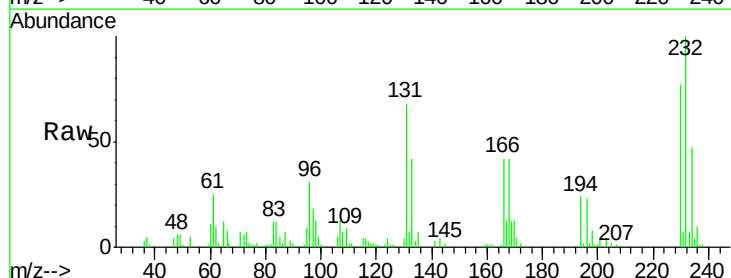
Ion Ratio Lower Upper

232 100

131 61.8 47.0 70.6

130 2.9 2.0 3.0

166 37.2 30.5 45.7

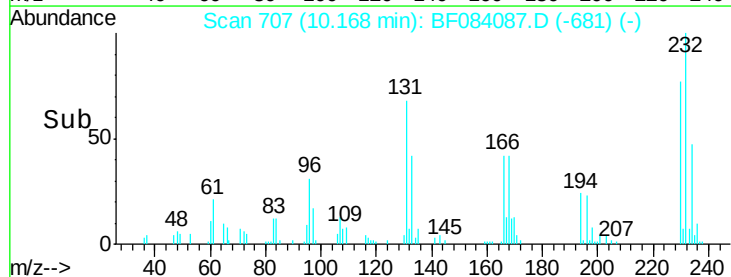
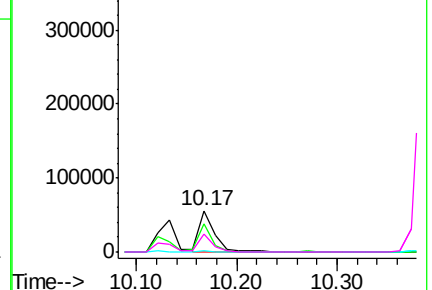


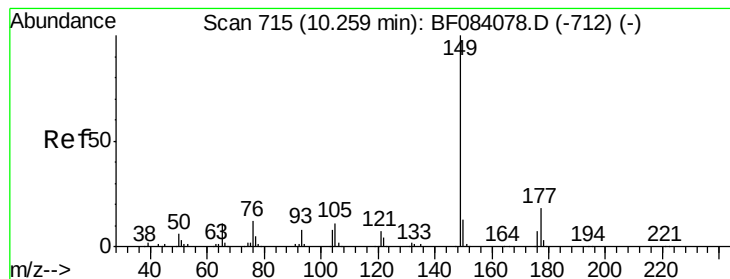
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.84 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

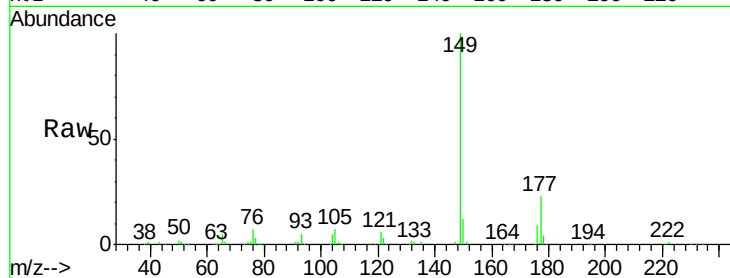
Tgt Ion:149 Resp: 299205

Ion Ratio Lower Upper

149 100

177 23.3 17.3 25.9

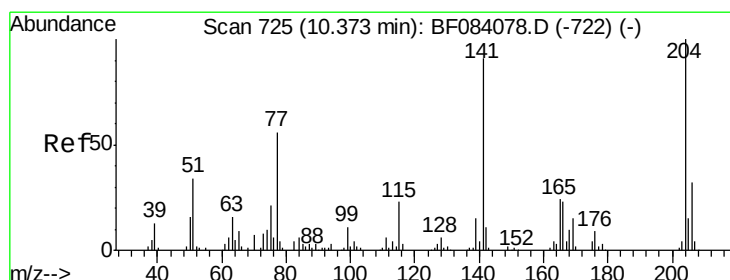
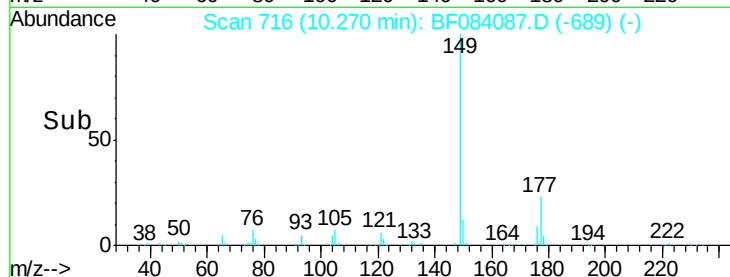
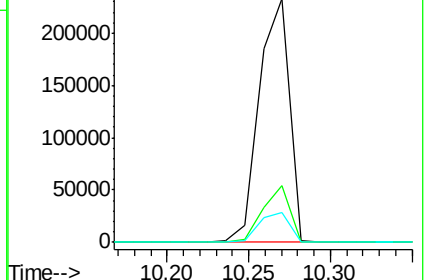
150 12.4 9.8 14.8



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: 36.88 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

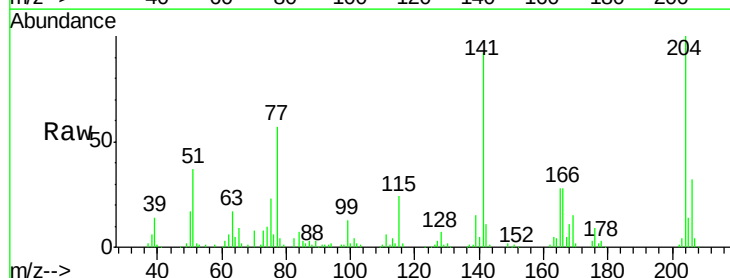
Tgt Ion:204 Resp: 116432

Ion Ratio Lower Upper

204 100

206 32.3 25.7 38.5

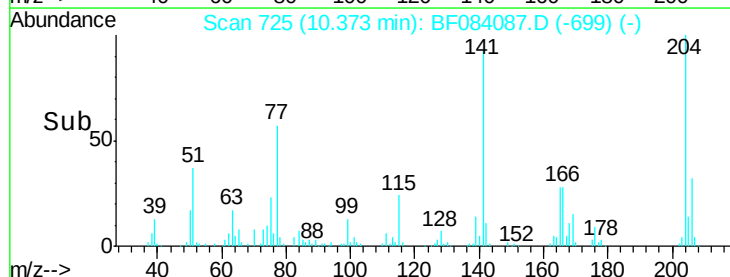
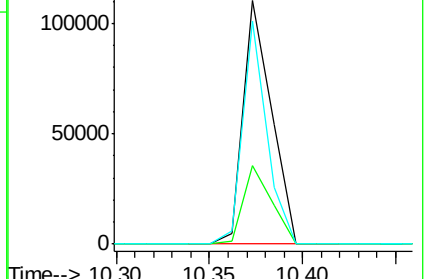
141 91.8 55.1 82.7#

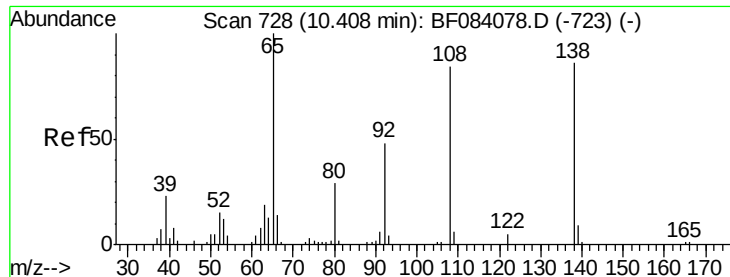


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

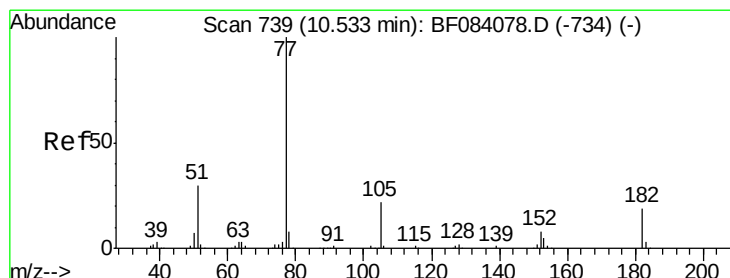
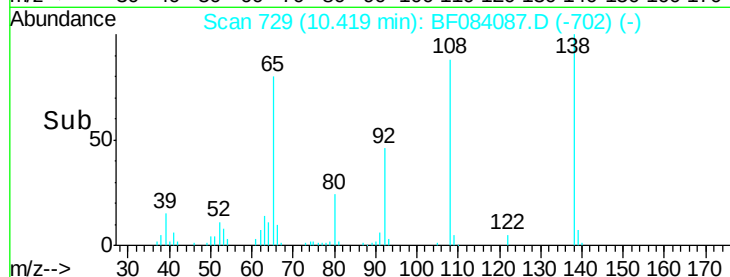
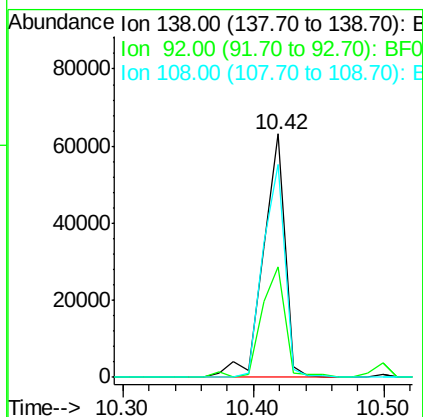
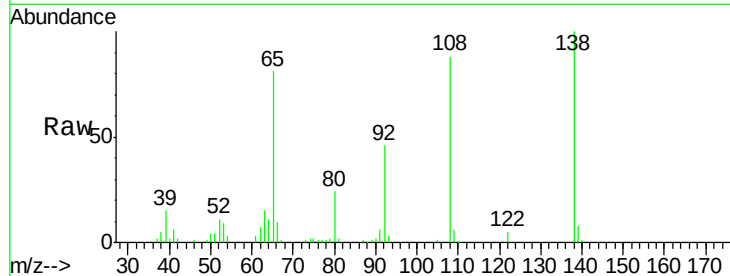




#61
4-Nitroaniline
Concen: 47.27 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

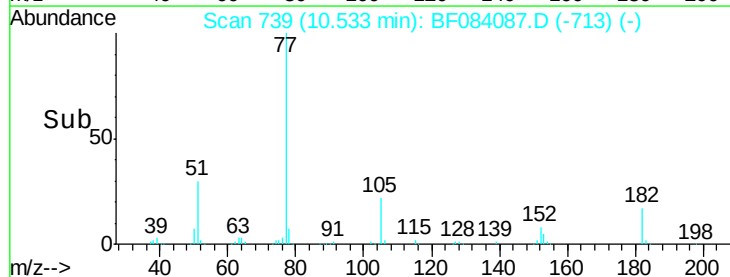
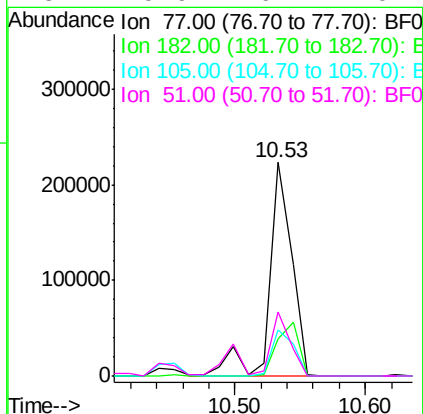
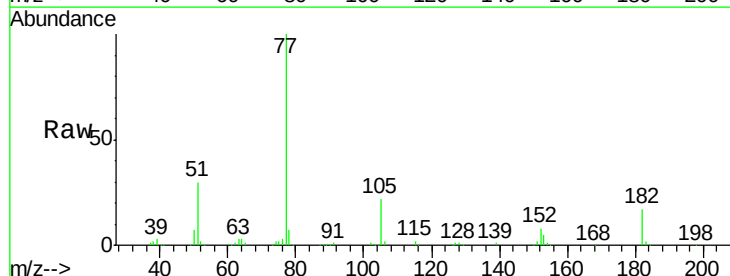
Instrument :
BNA_F
ClientSampleId :
PB87523BSD

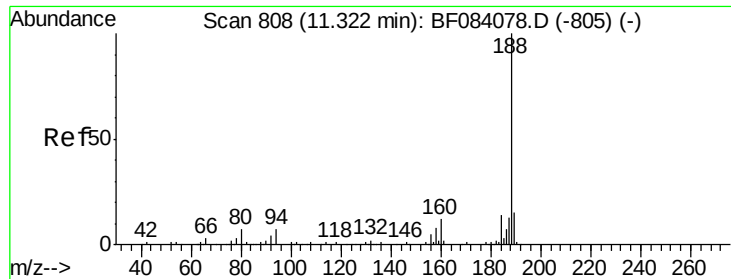
Tgt Ion:138 Resp: 73582
Ion Ratio Lower Upper
138 100
92 45.6 32.6 72.6
108 87.7 68.6 108.6



#62
Azobenzene
Concen: 43.96 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion: 77 Resp: 272025
Ion Ratio Lower Upper
77 100
182 17.2 8.3 48.3
105 21.9 4.6 44.6
51 29.9 6.2 46.2

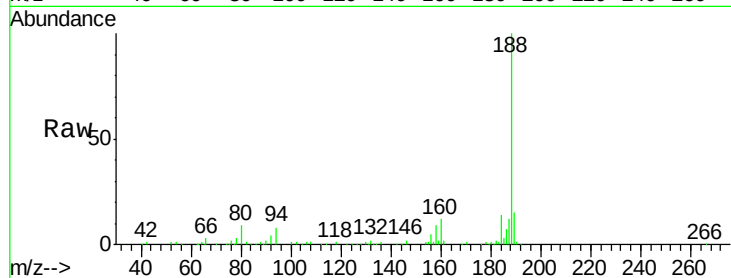




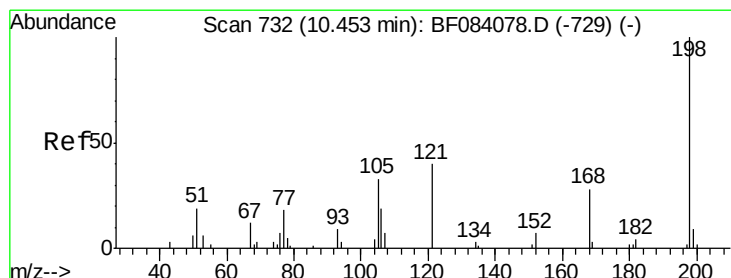
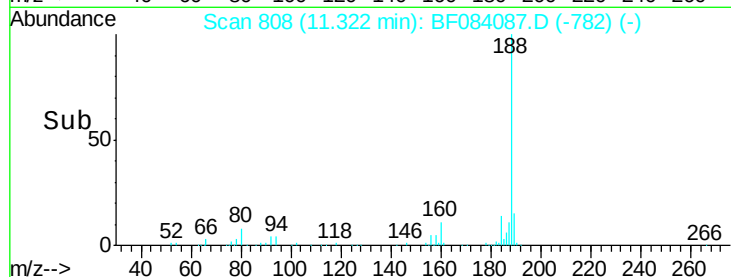
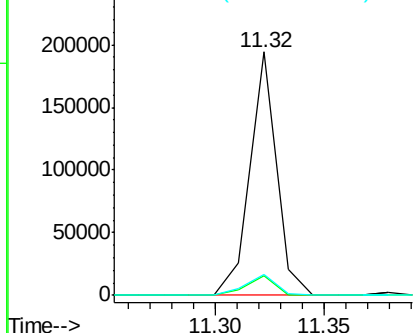
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Instrument :
BNA_F
ClientSampleId :
PB87523BSD

Tgt Ion:188 Resp: 165494
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.5 9.6 14.4#

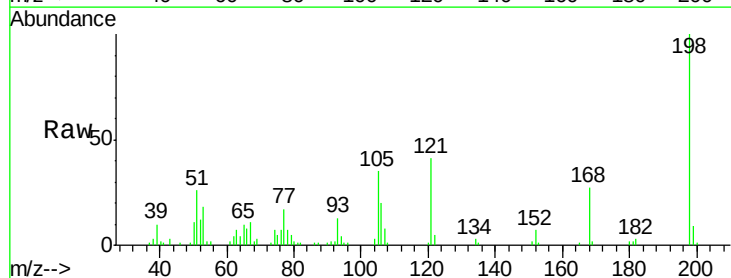


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

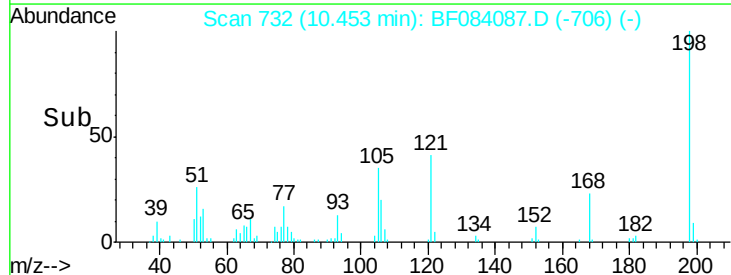
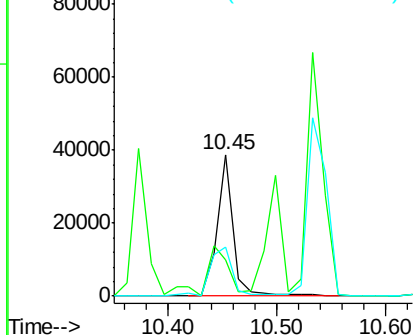


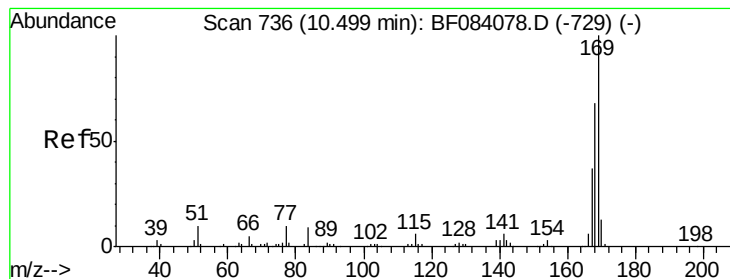
#64
4,6-Dinitro-2-methylphenol
Concen: 43.80 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF084087.D
Acq: 24 Dec 2015 19:03

Tgt Ion:198 Resp: 40232
Ion Ratio Lower Upper
198 100
51 26.1 18.9 58.9
105 34.9 26.4 66.4



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





#65

n-Nitrosodiphenylamine

Concen: 43.80 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

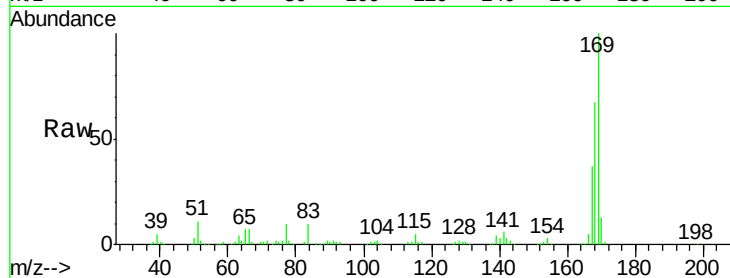
Tgt Ion:169 Resp: 258379

Ion Ratio Lower Upper

169 100

168 67.4 55.1 82.7

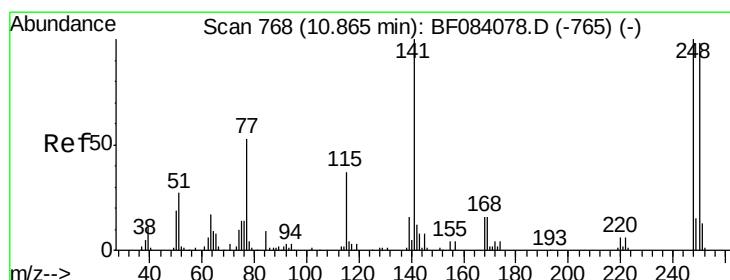
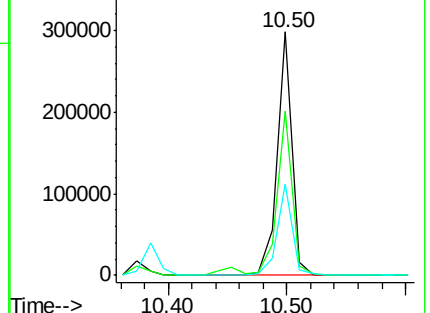
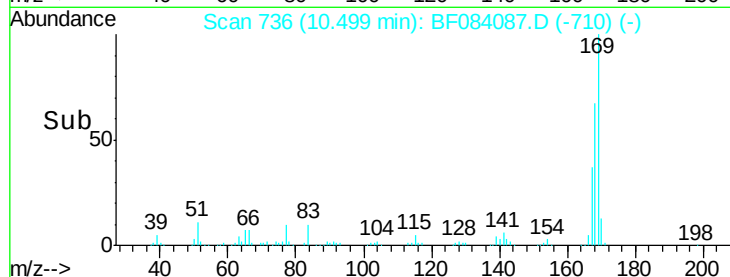
167 37.2 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.03 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

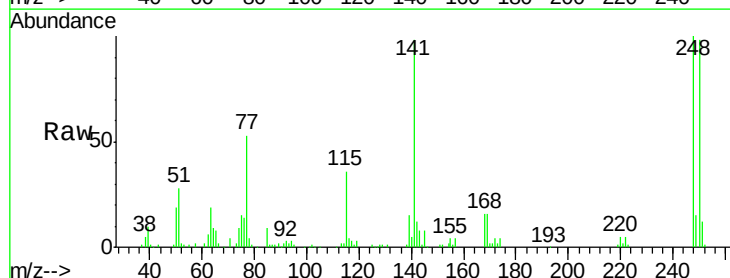
Tgt Ion:248 Resp: 80580

Ion Ratio Lower Upper

248 100

250 98.2 78.4 117.6

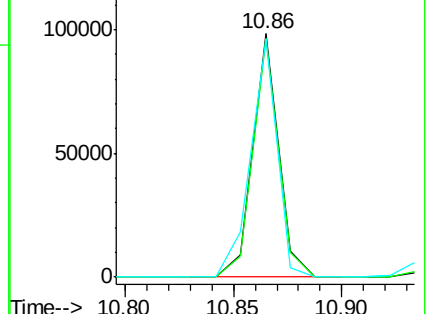
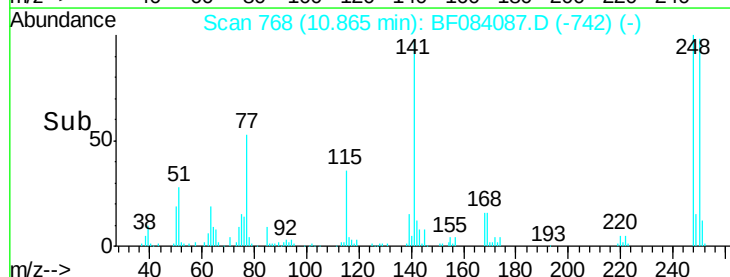
141 97.8 44.0 66.0#

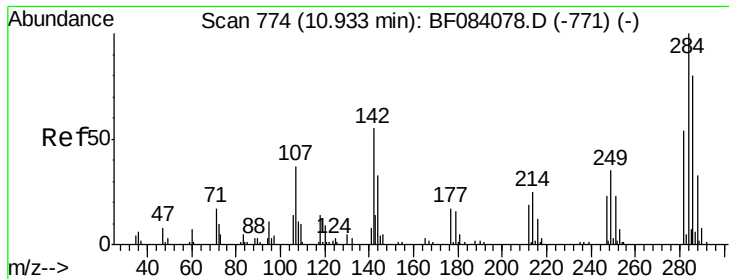


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.33 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

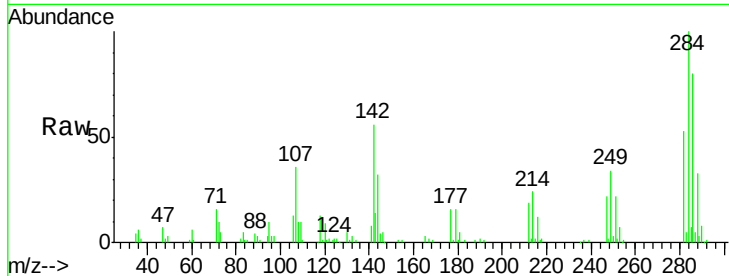
Tgt Ion:284 Resp: 84646

Ion Ratio Lower Upper

284 100

142 55.7 22.2 33.4#

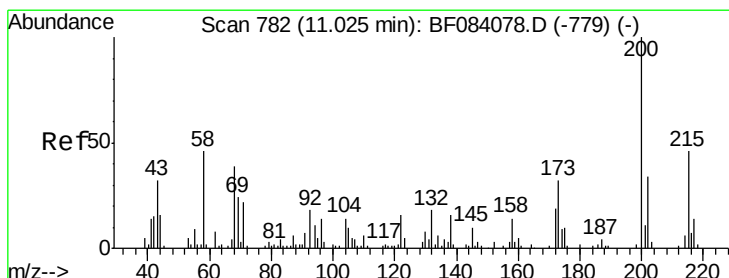
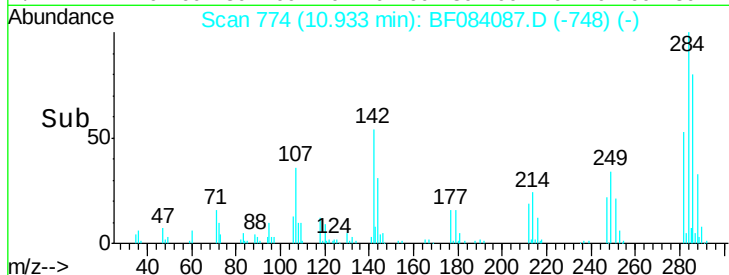
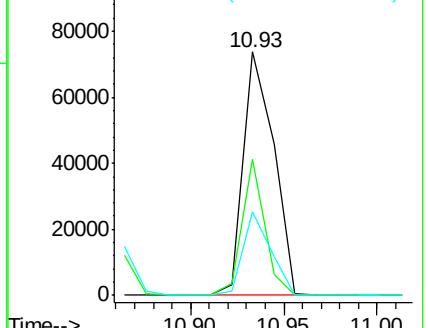
249 34.2 24.6 37.0



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: 40.05 ng

RT: 11.02 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

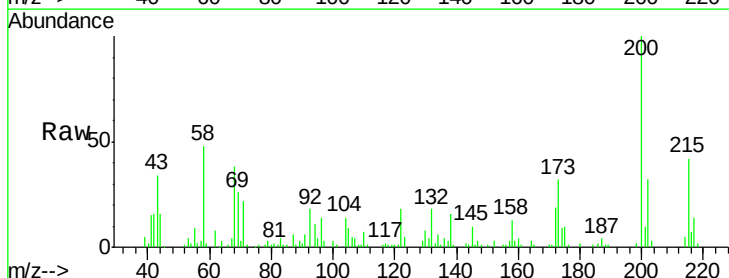
Tgt Ion:200 Resp: 71162

Ion Ratio Lower Upper

200 100

173 31.9 9.5 49.5

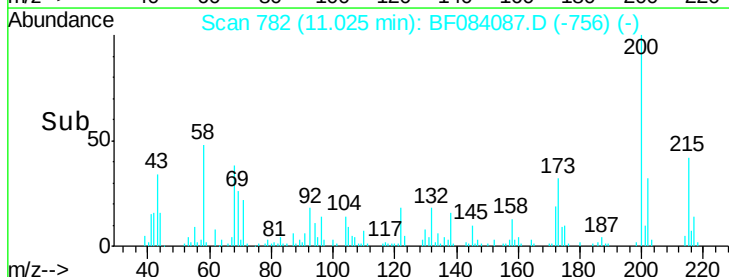
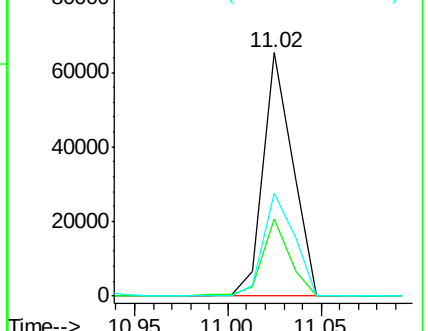
215 42.2 23.8 63.8

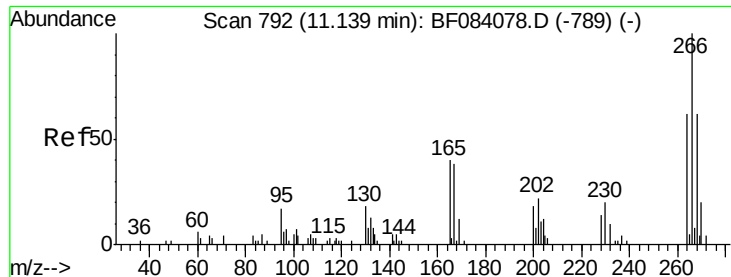


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

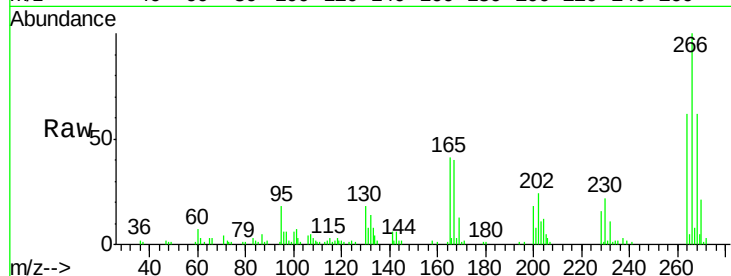




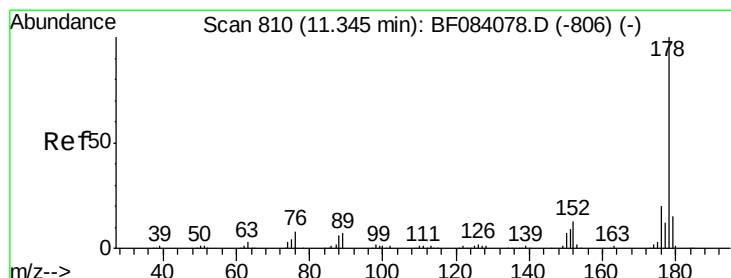
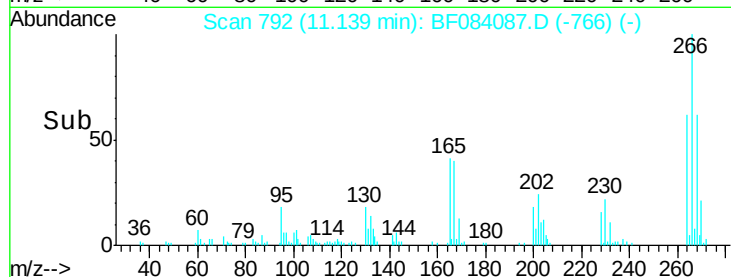
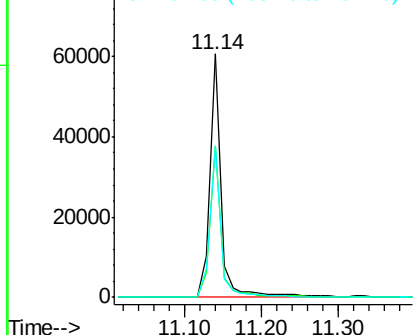
#69
 Pentachlorophenol
 Concen: 87.98 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tgt Ion:266 Resp: 61328
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.4 78.6
 264 62.2 50.2 75.2

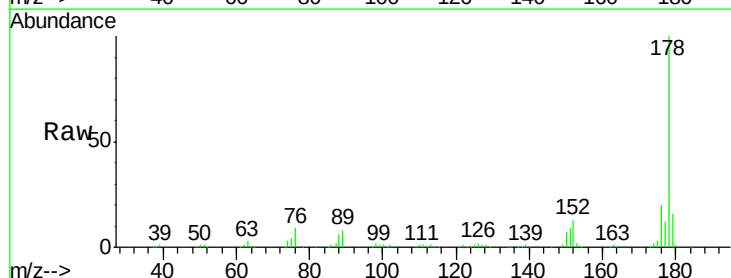


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

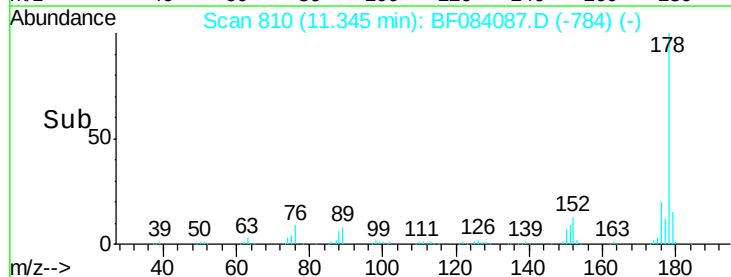
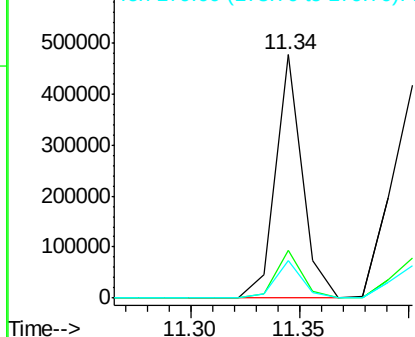


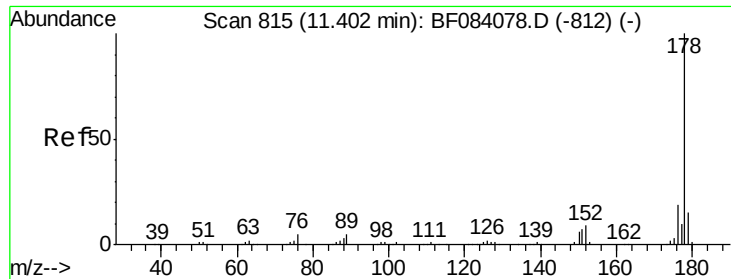
#70
 Phenanthrene
 Concen: 41.82 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:178 Resp: 410263
 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

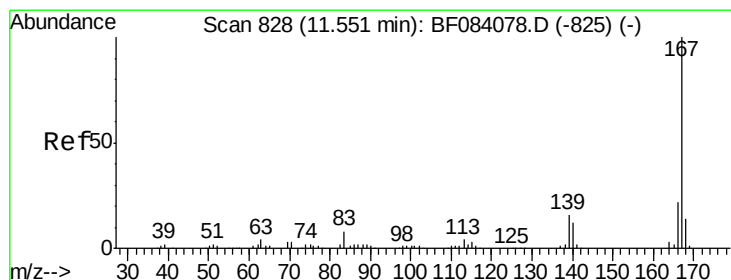
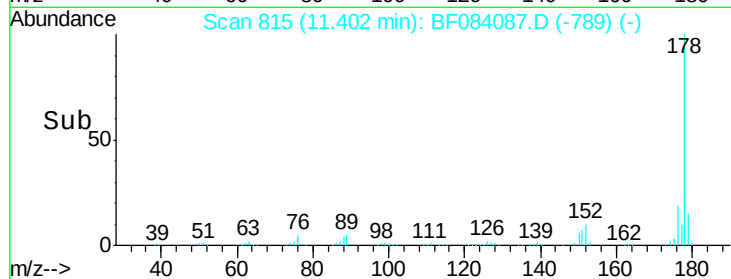
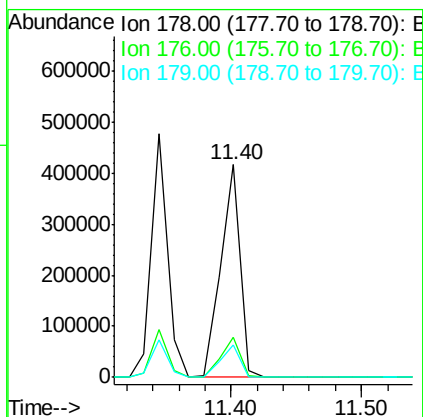
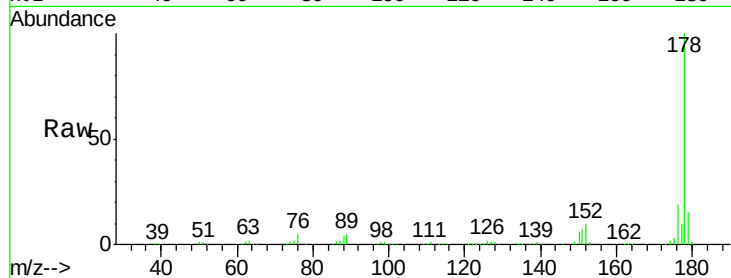




#71
 Anthracene
 Concen: 42.21 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

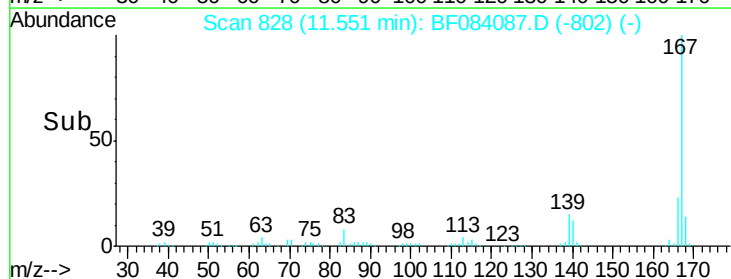
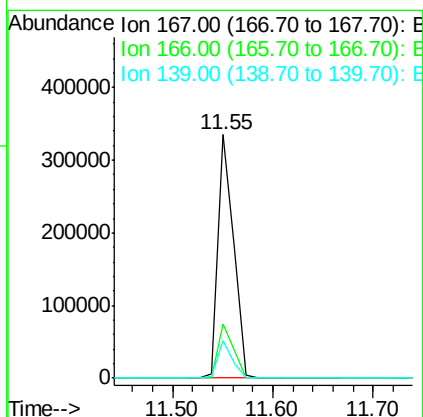
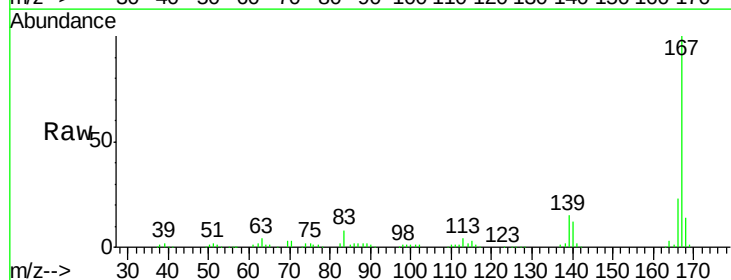
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

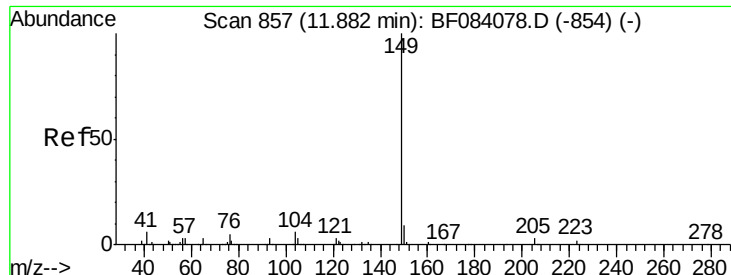
Tgt Ion:178 Resp: 433065
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 41.37 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:167 Resp: 361031
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 15.3 11.8 17.8





#73

Di-n-butylphthalate

Concen: 40.82 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

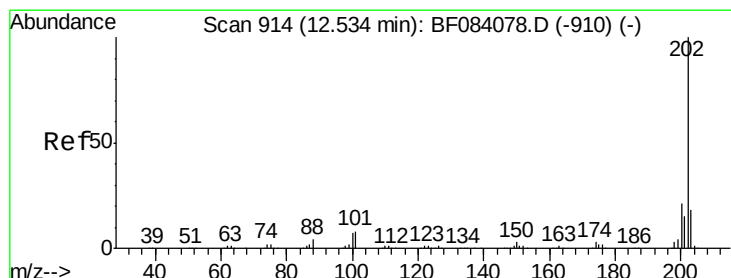
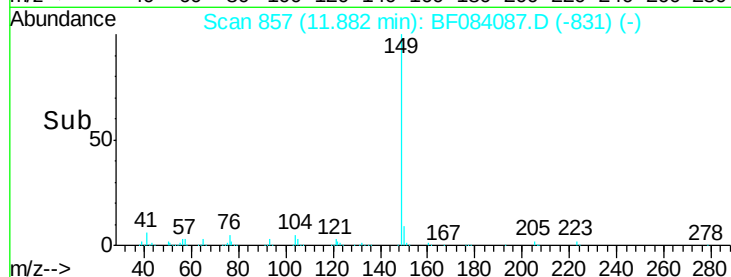
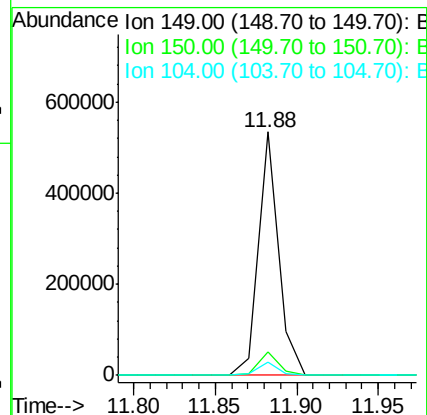
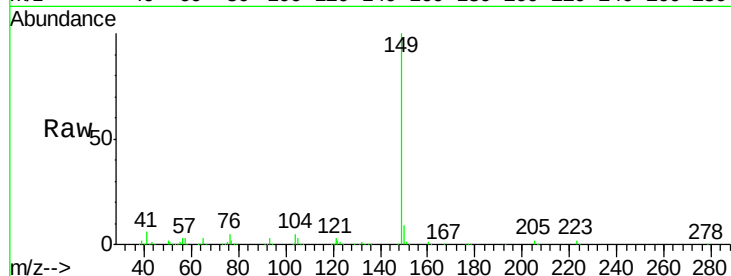
Tgt Ion:149 Resp: 458987

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

104 5.4 3.2 4.8#



#74

Fluoranthene

Concen: 43.25 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

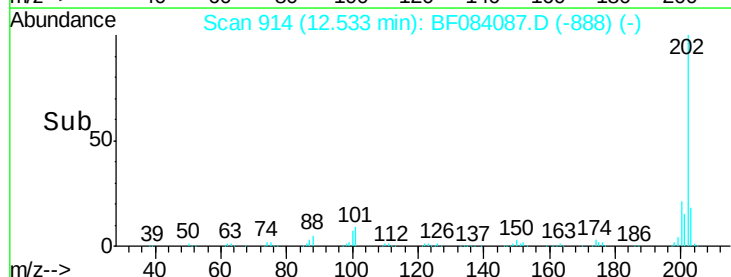
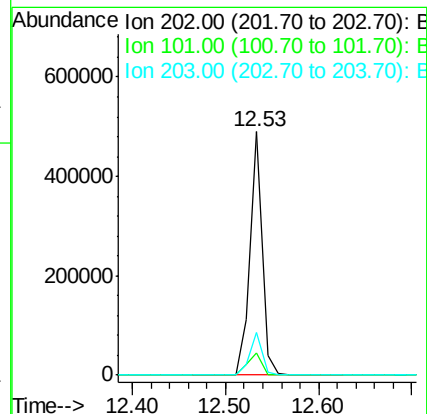
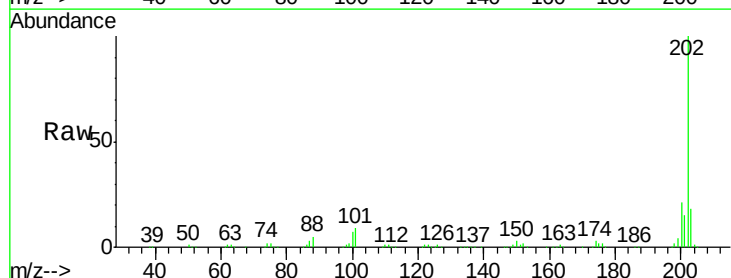
Tgt Ion:202 Resp: 444127

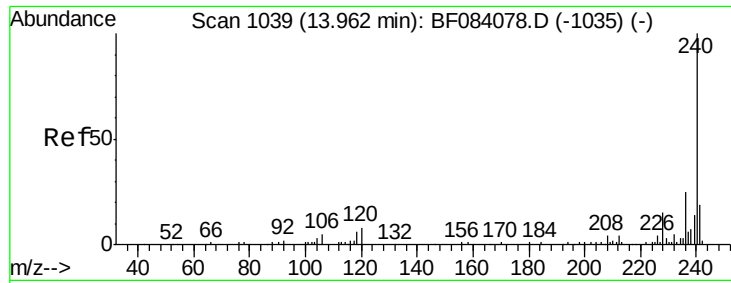
Ion Ratio Lower Upper

202 100

101 9.3 0.0 32.8

203 17.5 0.0 37.9

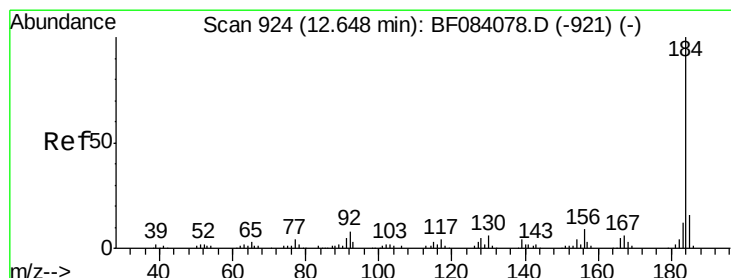
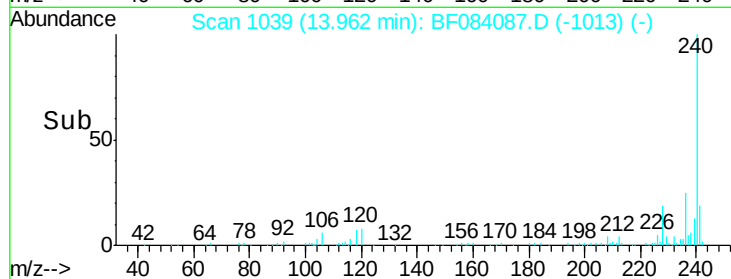
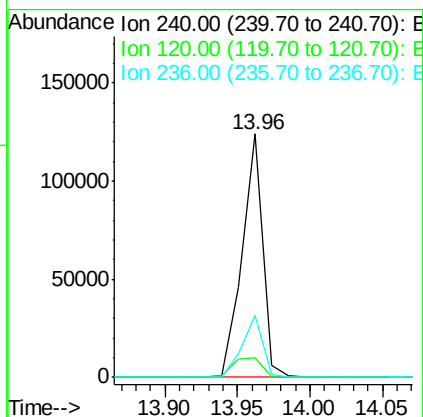
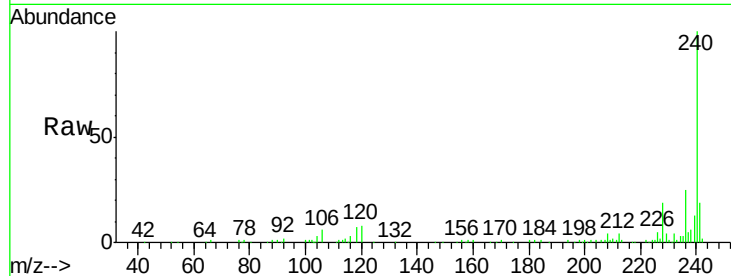




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

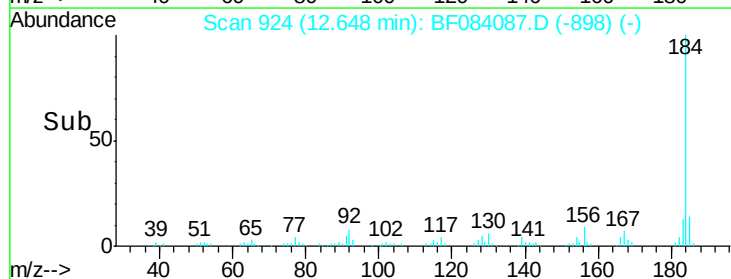
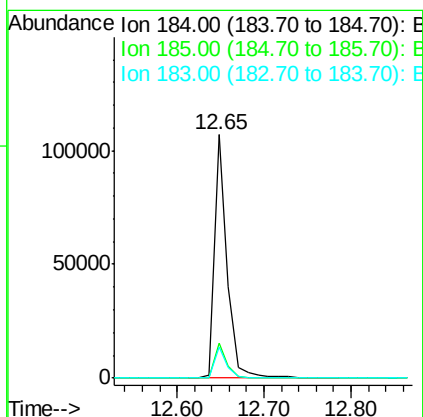
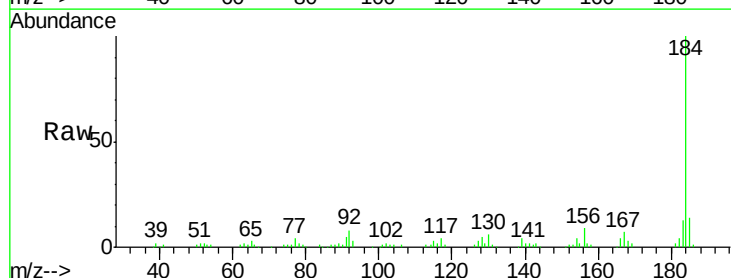
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

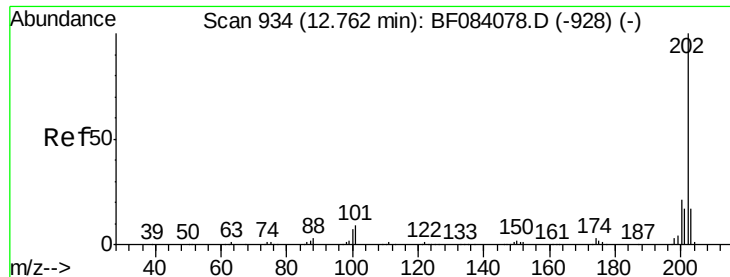
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.3	20.6	31.0



#76
 Benzidine
 Concen: 26.44 ng
 RT: 12.65 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.2	18.2
183	12.6	9.8	14.8

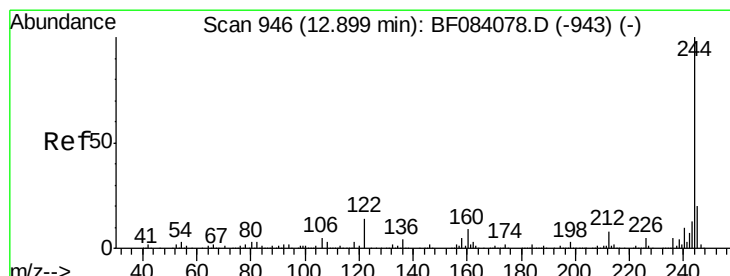
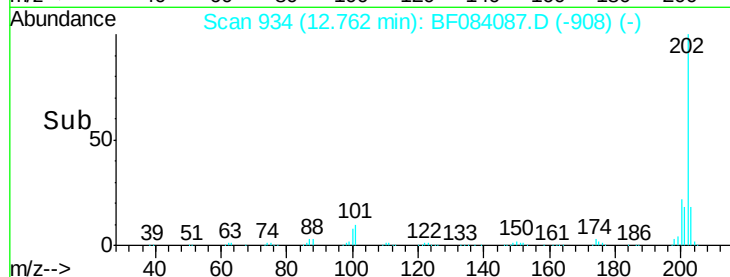
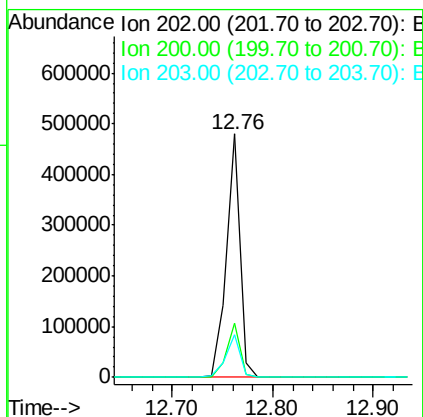
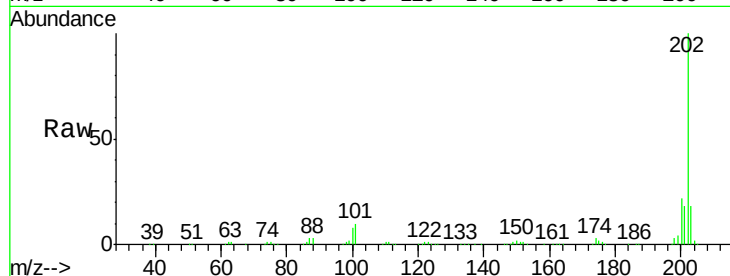




#77
Pyrene
 Concen: 42.74 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

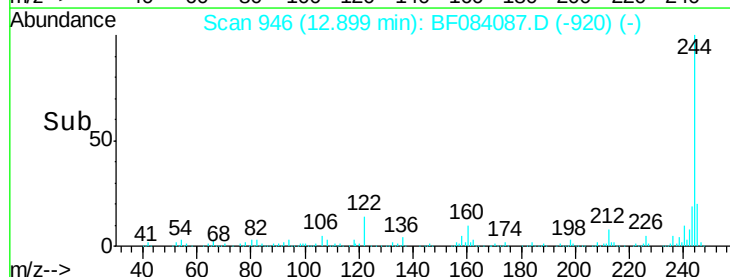
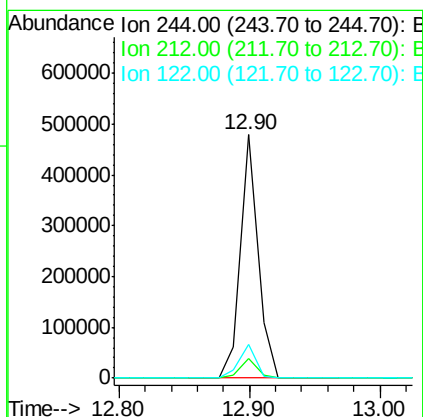
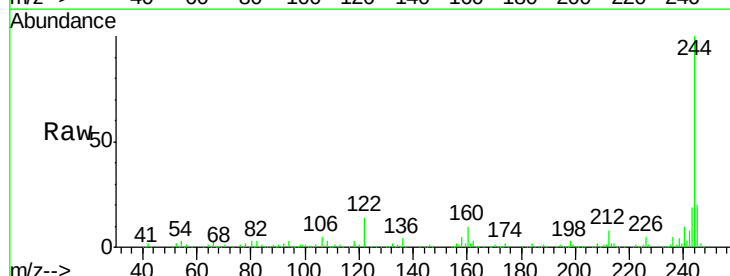
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

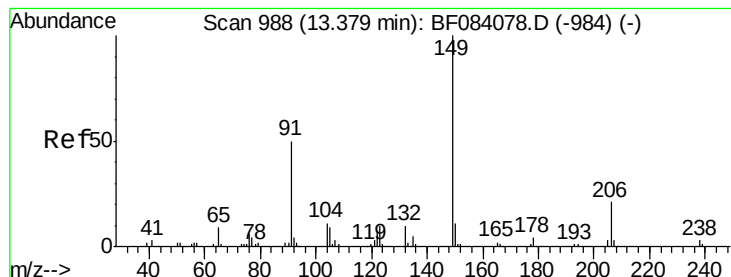
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	17.8	14.3	21.5



#78
Terphenyl-d14
 Concen: 66.46 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	13.8	7.4	11.0





#79

Butylbenzylphthalate

Concen: 44.36 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

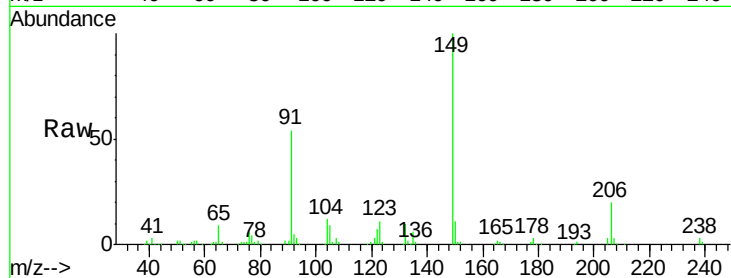
Tgt Ion:149 Resp: 193543

Ion Ratio Lower Upper

149 100

91 54.1 57.6 86.4#

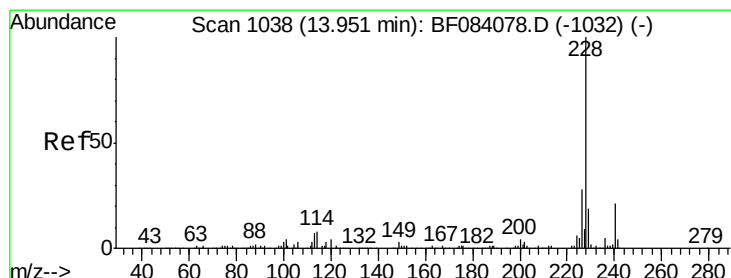
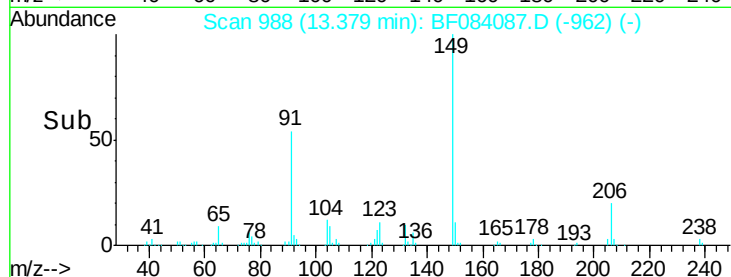
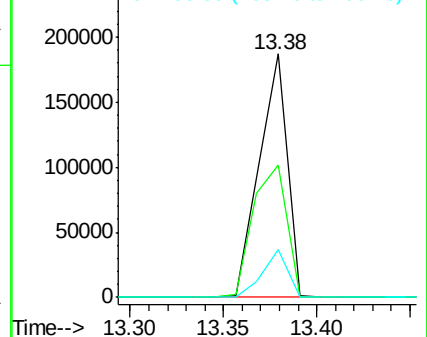
206 19.8 13.2 19.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.79 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

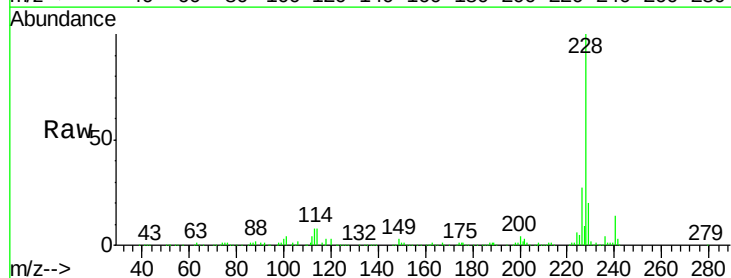
Tgt Ion:228 Resp: 321584

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.6

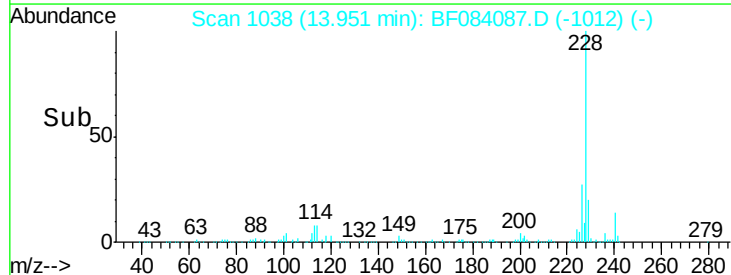
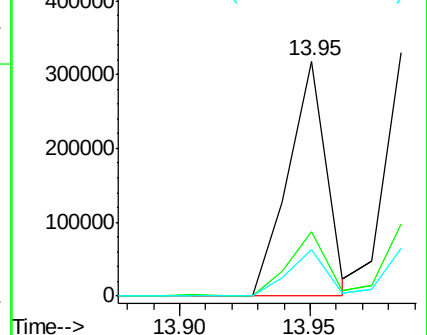
229 19.8 15.8 23.8

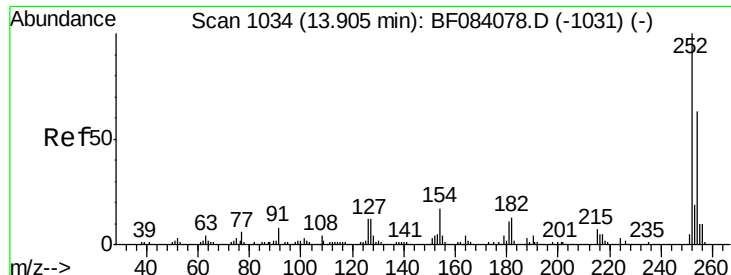


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

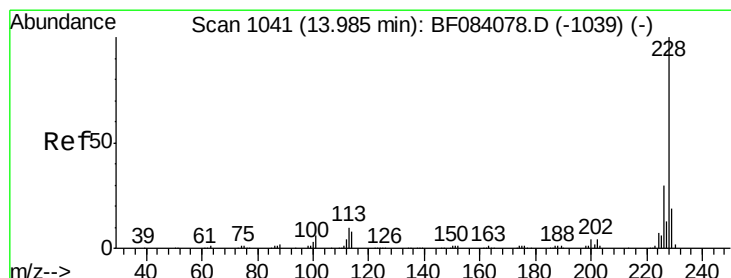
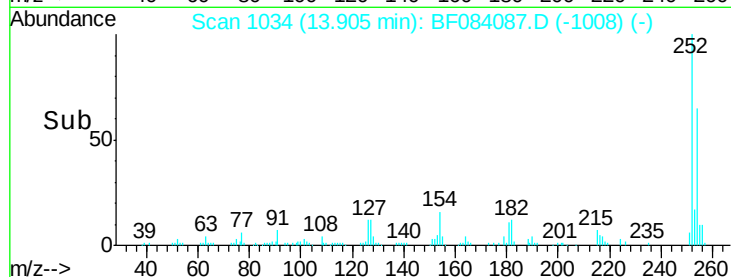
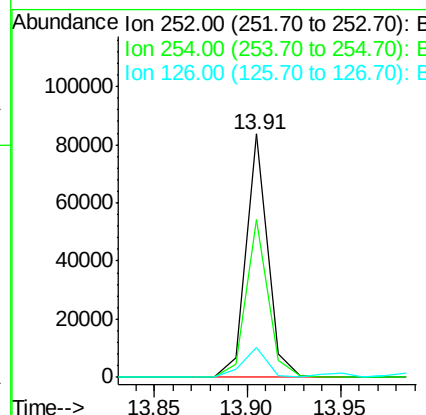
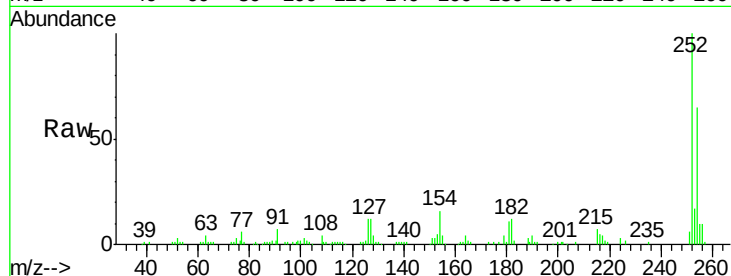




#81
 3,3'-Dichlorobenzidine
 Concen: 30.01 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

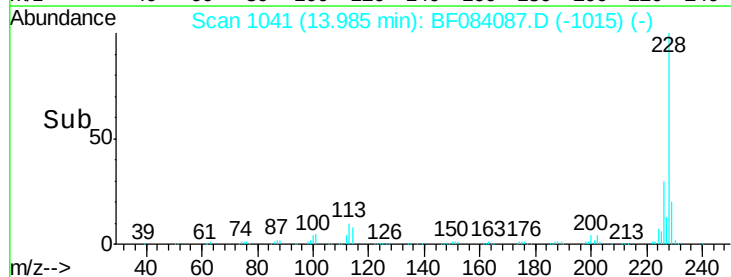
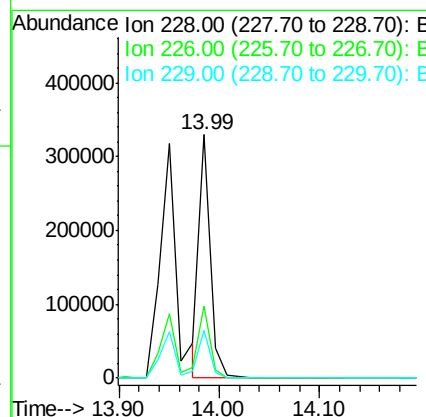
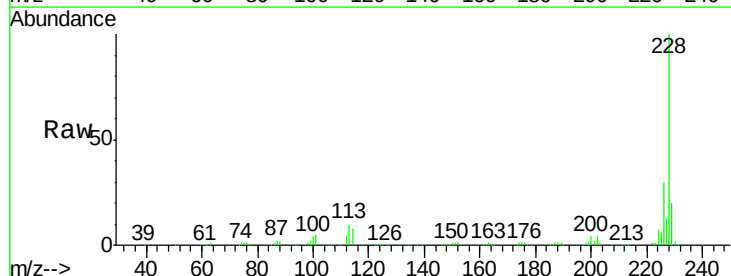
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

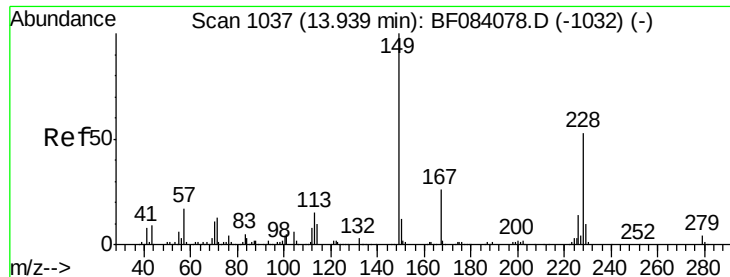
Tgt Ion:252 Resp: 68298
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 12.1 4.9 7.3#



#82
 Chrysene
 Concen: 37.60 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:228 Resp: 260571
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 19.8 16.1 24.1

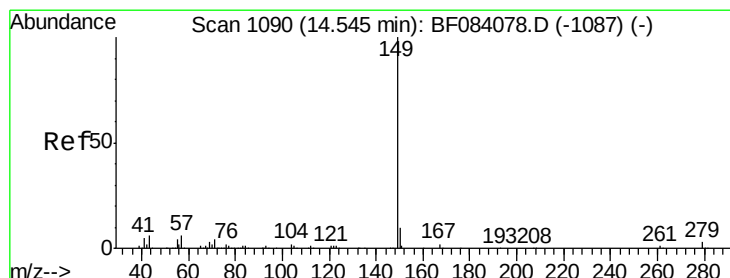
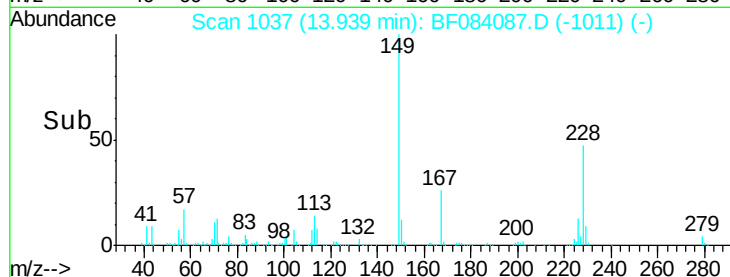
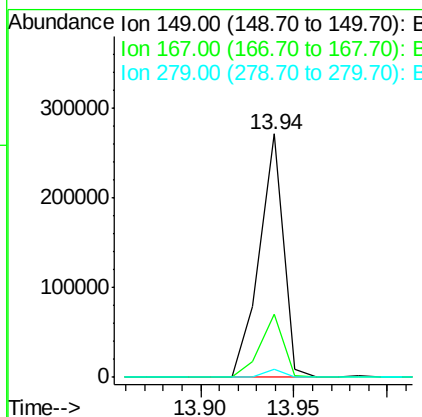
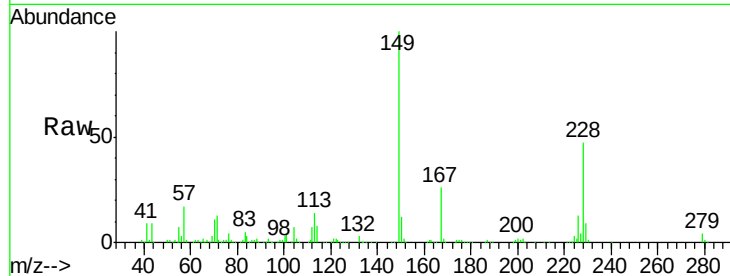




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.85 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

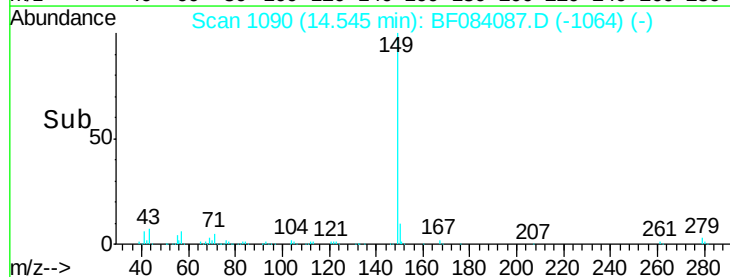
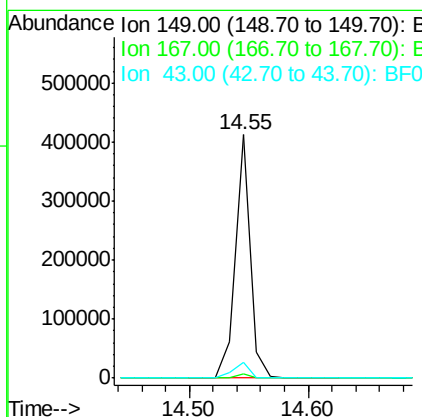
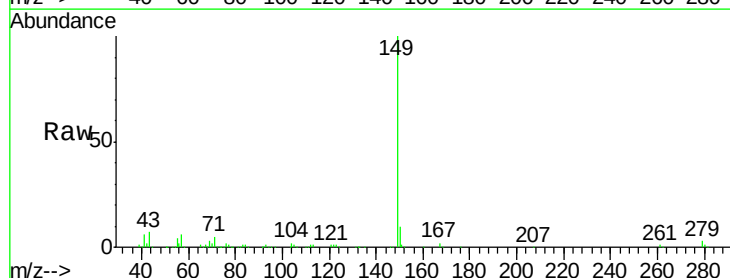
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

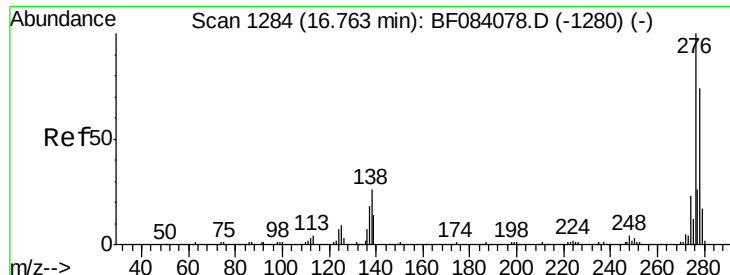
Tgt Ion:149 Resp: 247217
 Ion Ratio Lower Upper
 149 100
 167 26.2 19.7 29.5
 279 3.6 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 44.98 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion:149 Resp: 356798
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 7.1 5.6 8.4

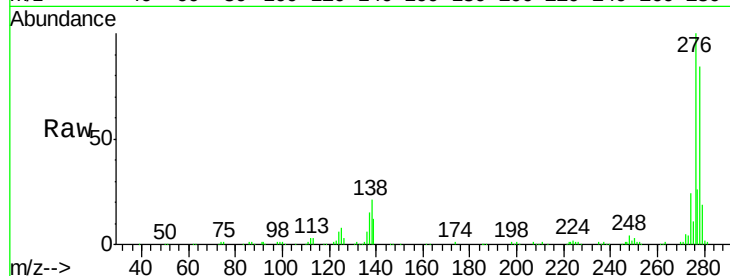




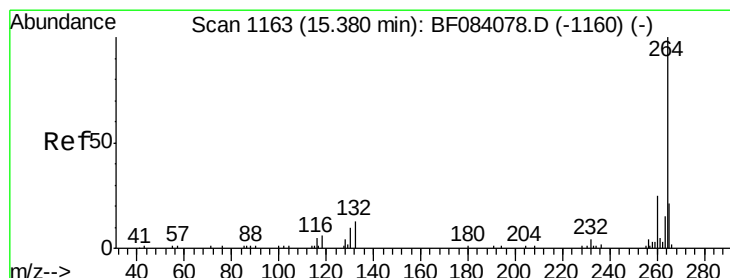
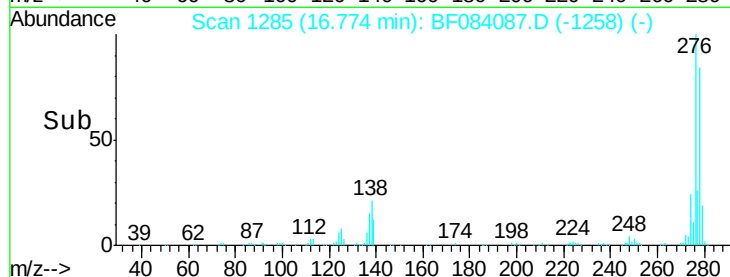
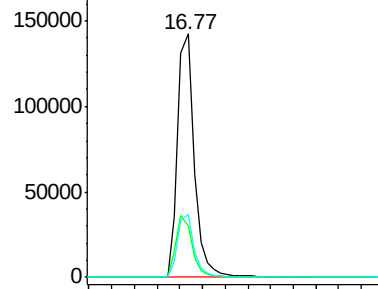
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.83 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

Tgt Ion: 276 Resp: 283302
 Ion Ratio Lower Upper
 276 100
 138 24.6 20.6 30.8
 277 25.3 20.1 30.1

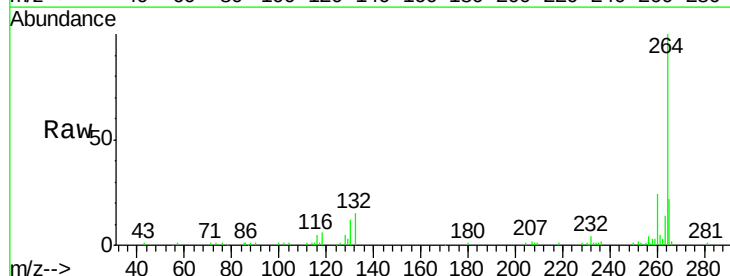


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

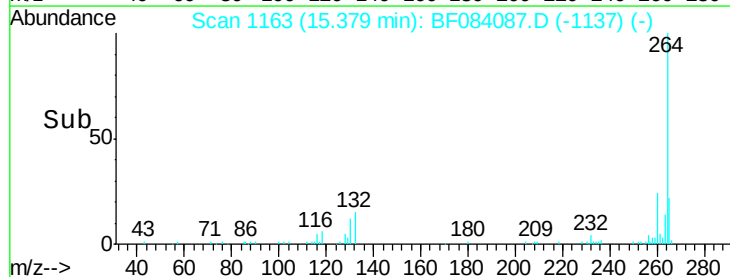
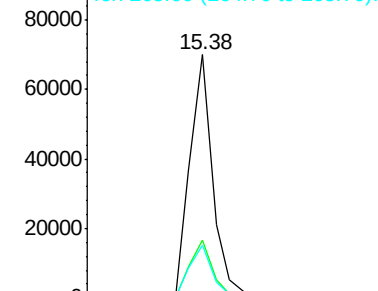


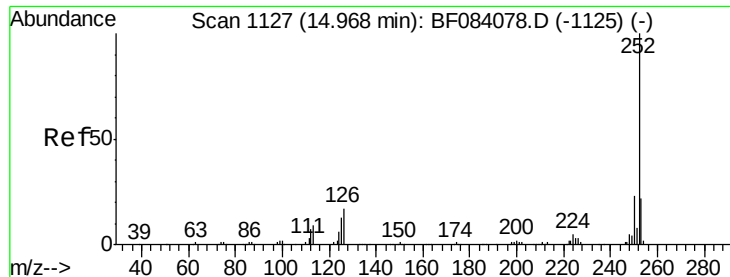
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion: 264 Resp: 93639
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.5 17.8 26.6



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

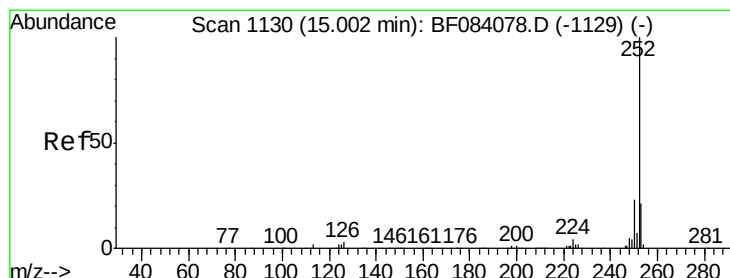
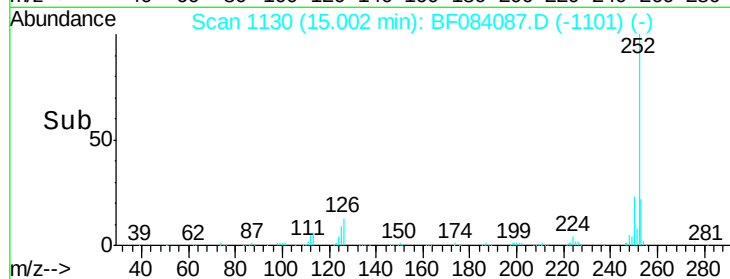
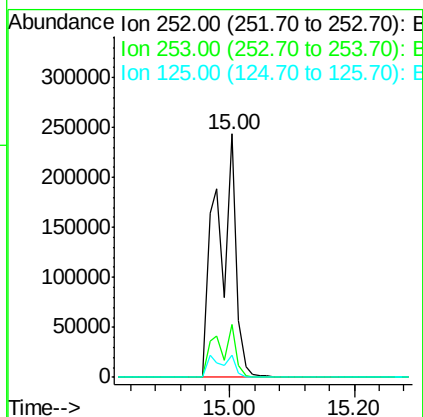
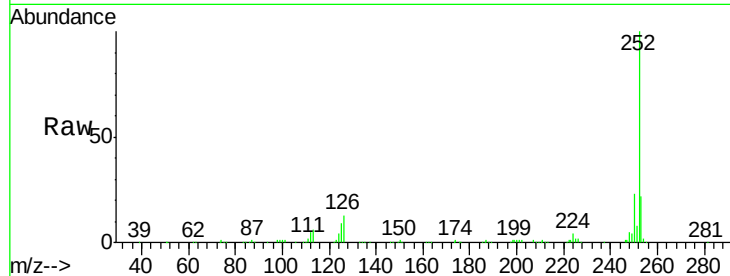




#87
 Benzo(b)fluoranthene
 Concen: 74.50 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.03 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

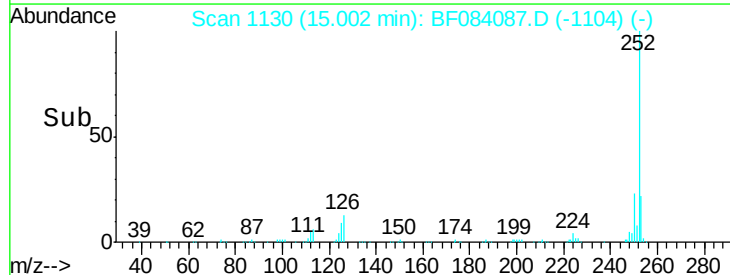
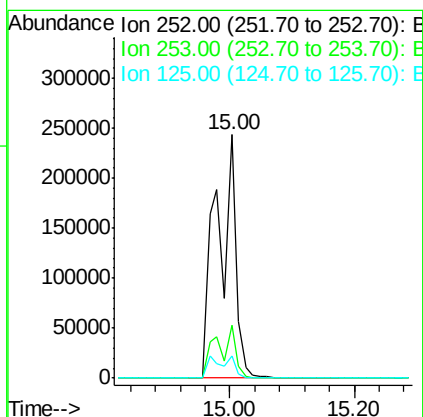
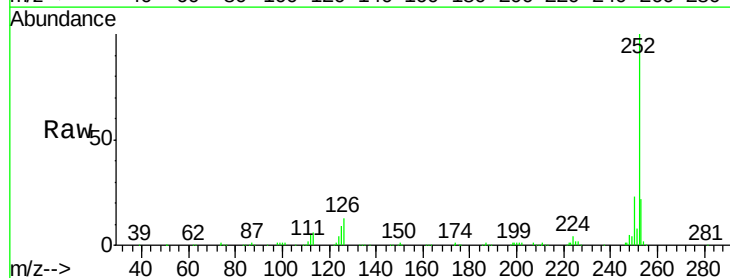
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BSD

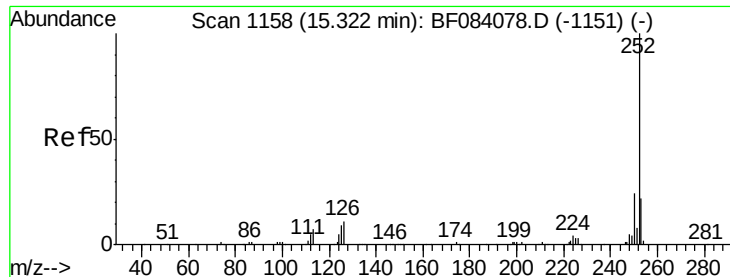
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.1	6.5	9.7



#88
 Benzo(k)fluoranthene
 Concen: 109.92 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF084087.D
 Acq: 24 Dec 2015 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.1	9.0	13.6





#89

Benzo(a)pyrene

Concen: 43.41 ng

RT: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD

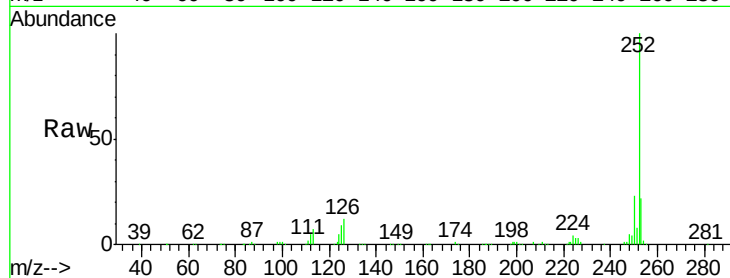
Tgt Ion: 252 Resp: 248702

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

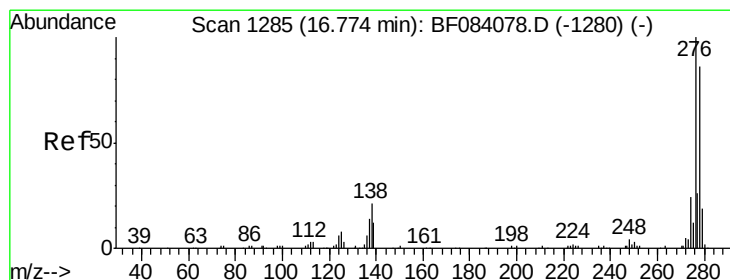
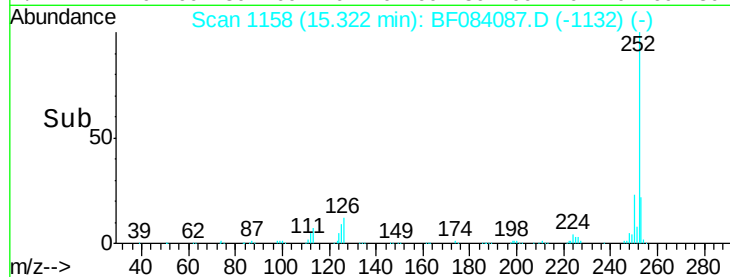
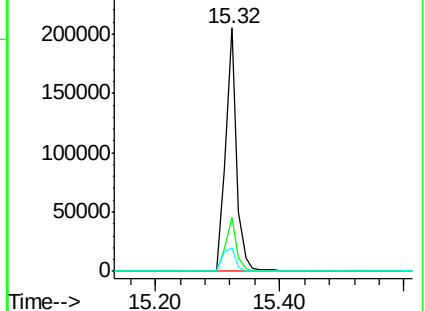
125 9.4 7.0 10.4



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: 42.31 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF084087.D

Acq: 24 Dec 2015 19:03

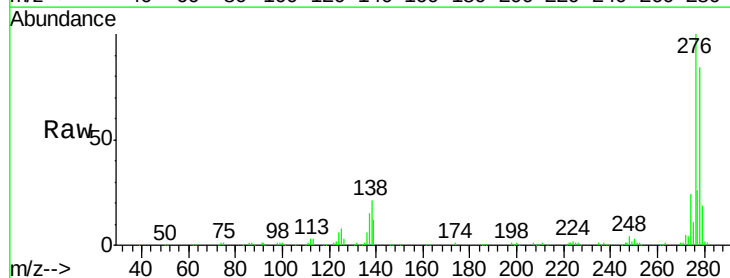
Tgt Ion: 278 Resp: 236561

Ion Ratio Lower Upper

278 100

139 13.9 15.0 22.4#

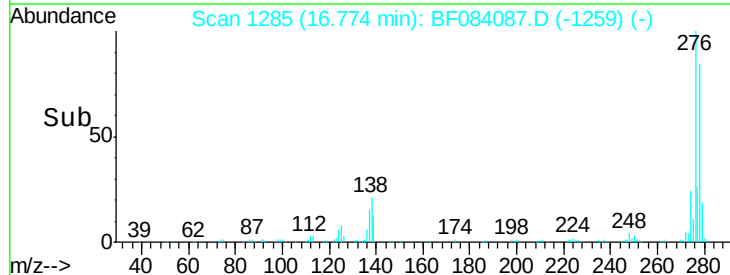
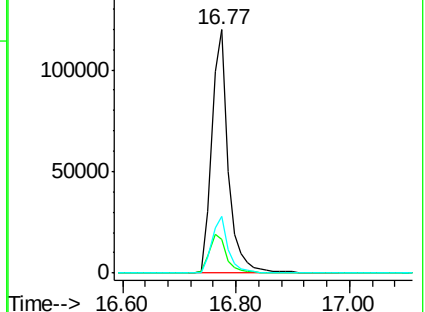
279 23.1 18.9 28.3

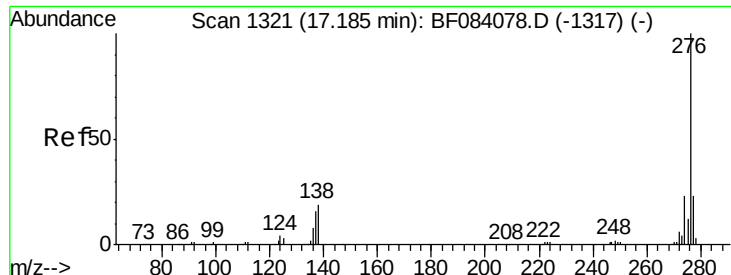


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.92 ng

RT: 17.19 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF084087.D

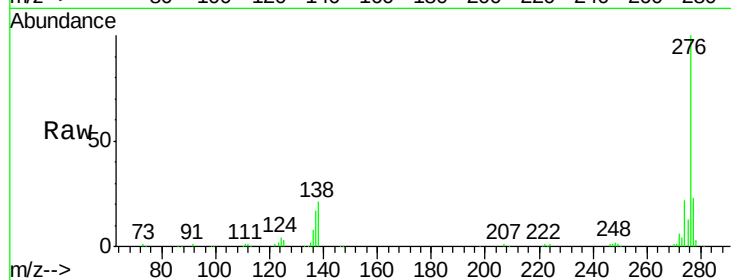
Acq: 24 Dec 2015 19:03

Instrument :

BNA_F

ClientSampleId :

PB87523BSD



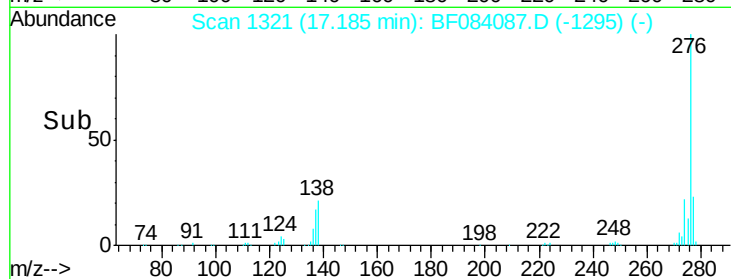
Tgt Ion: 276 Resp: 239184

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 20.6 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

