

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083605.D
 Acq On : 8 Dec 2015 20:21
 Operator : UM/IZ
 Sample : PB87006BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Quant Time: Dec 09 01:22:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	134070	20.00	ng	0.00
21) Naphthalene-d8	7.60	136	537524	20.00	ng	-0.01
38) Acenaphthene-d10	10.38	164	266682	20.00	ng	0.00
63) Phenanthrene-d10	12.79	188	509454	20.00	ng	0.00
75) Chrysene-d12	16.99	240	423257	20.00	ng	0.00
86) Perylene-d12	18.64	264	324311	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	3.98	112	802016	90.73	ng	0.01
7) Phenol-d6	5.28	99	1034336	87.57	ng	0.00
23) Nitrobenzene-d5	6.53	82	964215	83.70	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	212704	89.53	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1568131	82.76	ng	0.00
78) Terphenyl-d14	15.41	244	1563621	86.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	141694	32.45	ng	# 90
3) Pyridine	2.30	79	355476	33.50	ng	98
4) n-Nitrosodimethylamine	2.26	42	230575	41.28	ng	83
6) Aniline	5.26	93	411410	28.27	ng	95
8) 2-Chlorophenol	5.42	128	407515	42.15	ng	95
9) Benzaldehyde	5.13	77	85437	11.31	ng	97
10) Phenol	5.29	94	611469	42.74	ng	82
11) bis(2-Chloroethyl)ether	5.36	93	405520	38.53	ng	98
12) 1,3-Dichlorobenzene	5.72	146	444915	41.30	ng	97
13) 1,4-Dichlorobenzene	5.72	146	445182	40.27	ng	99
14) 1,2-Dichlorobenzene	5.94	146	430986	42.01	ng	98
15) Benzyl Alcohol	5.95	79	406713	48.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.13	45	787076	40.44	ng	78
17) 2-Methylphenol	6.14	107	342001	43.48	ng	93
18) Hexachloroethane	6.41	117	159011	40.74	ng	# 86
19) n-Nitroso-di-n-propylamine	6.34	70	353010	42.82	ng	98
20) 3+4-Methylphenols	6.38	107	444506	42.92	ng	100
22) Acetophenone	6.32	105	583248	38.68	ng	# 98
24) Nitrobenzene	6.56	77	484794	38.08	ng	98
25) Isophorone	6.93	82	895269	40.05	ng	99
26) 2-Nitrophenol	7.04	139	209827	41.50	ng	92
27) 2,4-Dimethylphenol	7.16	122	381434	43.13	ng	97
28) bis(2-Chloroethoxy)methane	7.29	93	536014	43.18	ng	97
29) 2,4-Dichlorophenol	7.45	162	343009	42.65	ng	97
30) 1,2,4-Trichlorobenzene	7.53	180	353878	39.83	ng	97
31) Naphthalene	7.63	128	1164595	40.91	ng	99
32) Benzoic acid	7.48	122	205623	37.02	ng	96
33) 4-Chloroaniline	7.78	127	201476	19.41	ng	93
34) Hexachlorobutadiene	7.84	225	208030	40.08	ng	98
35) Caprolactam	8.37	113	59823	24.78	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	392941	43.49	ng	93
37) 2-Methylnaphthalene	8.73	142	777296	43.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	345931	39.51	ng	# 100
40) Hexachlorocyclopentadiene	8.98	237	141093	72.13	ng	98

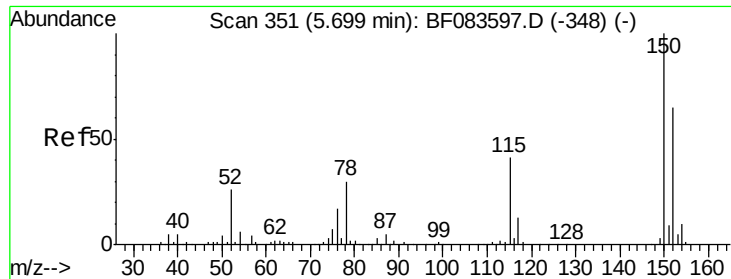
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
 Data File : BF083605.D
 Acq On : 8 Dec 2015 20:21
 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	212071	40.55	ng	99
43) 2,4,5-Trichlorophenol	9.32	196	222814	43.20	ng	98
45) 1,1'-Biphenyl	9.49	154	916971	39.56	ng	100
46) 2-Chloronaphthalene	9.50	162	719324	41.10	ng	96
47) 2-Nitroaniline	9.72	65	276001	43.73	ng	97
48) Acenaphthylene	10.16	152	1172841	40.64	ng	100
49) Dimethylphthalate	10.04	163	896347	42.22	ng	99
50) 2,6-Dinitrotoluene	10.13	165	191502	43.69	ng	87
51) Acenaphthene	10.44	154	680190	41.17	ng	99
52) 3-Nitroaniline	10.41	138	109433	23.49	ng	85
53) 2,4-Dinitrophenol	10.60	184	168637	77.90	ng	100
54) Dibenzofuran	10.73	168	1042557	45.51	ng	97
55) 4-Nitrophenol	10.81	139	190828	93.05	ng	93
56) 2,4-Dinitrotoluene	10.80	165	262303	45.12	ng	# 82
57) Fluorene	11.28	166	842763	42.15	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	201405	48.46	ng	# 100
59) Diethylphthalate	11.18	149	858189	41.58	ng	98
60) 4-Chlorophenyl-phenylether	11.30	204	404356	42.48	ng	99
61) 4-Nitroaniline	11.40	138	178527	42.19	ng	87
62) Azobenzene	11.56	77	1084076	47.72	ng	97
64) 4,6-Dinitro-2-methylphenol	11.46	198	135057	39.28	ng	88
65) n-Nitrosodiphenylamine	11.52	169	716065	42.59	ng	99
66) 4-Bromophenyl-phenylether	12.09	248	227336	40.01	ng	97
67) Hexachlorobenzene	12.17	284	256031	42.47	ng	# 91
68) Atrazine	12.43	200	212177	42.41	ng	100
69) Pentachlorophenol	12.53	266	152369	91.34	ng	98
70) Phenanthrene	12.82	178	1241567	42.42	ng	99
71) Anthracene	12.91	178	1292461	42.62	ng	100
72) Carbazole	13.21	167	1136043	43.69	ng	99
73) Di-n-butylphthalate	13.84	149	1425578	43.59	ng	99
74) Fluoranthene	14.75	202	1278439	42.69	ng	99
76) Benzidine	15.04	184	208182	15.81	ng	98
77) Pyrene	15.11	202	1320721	43.34	ng	99
79) Butylbenzylphthalate	16.24	149	576440	42.62	ng	91
80) Benzo(a)anthracene	16.98	228	1060785	42.82	ng	99
81) 3,3'-Dichlorobenzidine	16.97	252	277991	33.22	ng	97
82) Chrysene	17.03	228	1038543	41.82	ng	98
83) Bis(2-ethylhexyl)phthalate	17.09	149	818374	43.59	ng	99
84) Di-n-octyl phthalate	17.86	149	1283321	44.74	ng	# 100
85) Indeno(1,2,3-cd)pyrene	19.86	276	684574	40.84	ng	# 100
87) Benzo(b)fluoranthene	18.25	252	1726595	93.49	ng	99
88) Benzo(k)fluoranthene	18.25	252	1728439	84.94	ng	# 95
89) Benzo(a)pyrene	18.58	252	787666	43.71	ng	# 95
90) Dibenzo(a,h)anthracene	19.86	278	585245	42.48	ng	99
91) Benzo(g,h,i)perylene	20.23	276	543724	40.47	ng	96

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

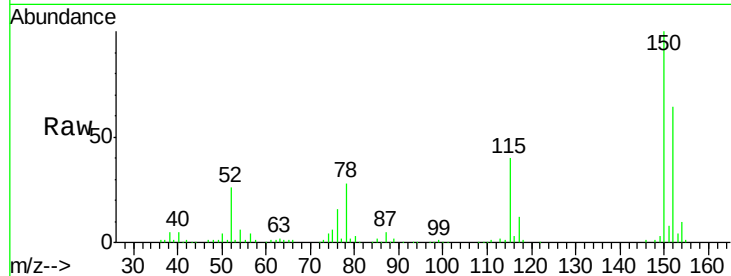


#1

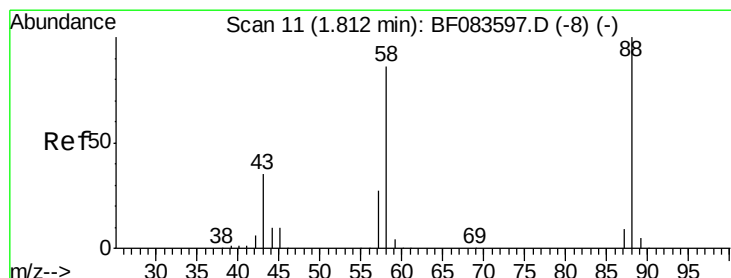
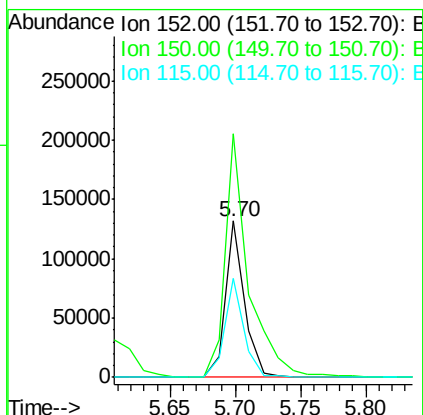
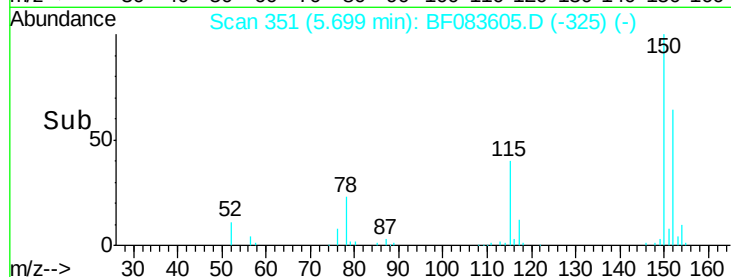
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.70 min Scan# 351
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tgt Ion:152 Resp: 134070
Ion Ratio Lower Upper
152 100
150 155.7 126.5 189.7
115 63.1 52.3 78.5



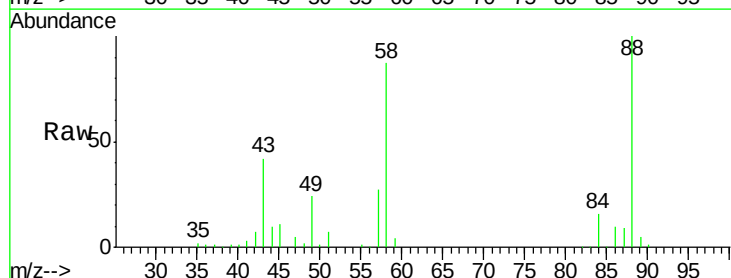
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



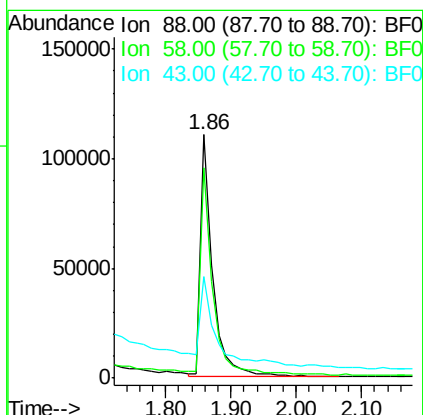
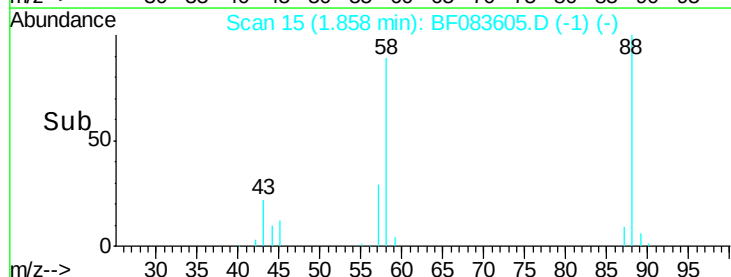
#2

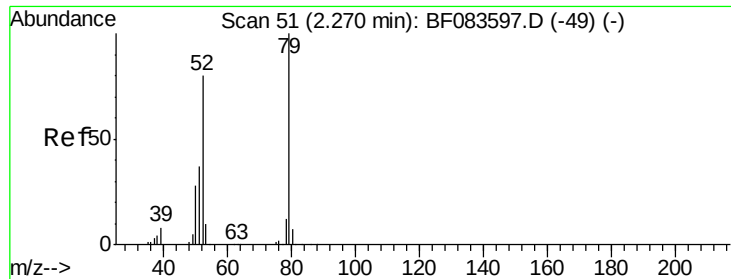
1,4-Dioxane
Concen: 32.45 ng
RT: 1.86 min Scan# 15
Delta R.T. 0.05 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion: 88 Resp: 141694
Ion Ratio Lower Upper
88 100
58 88.6 68.0 102.0
43 48.4 27.9 41.9#



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: 33.50 ng

RT: 2.30 min Scan# 54

Delta R.T. 0.03 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

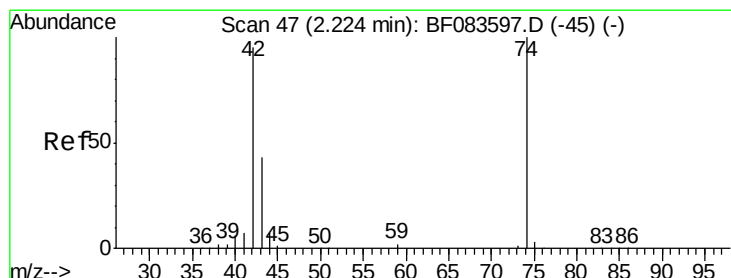
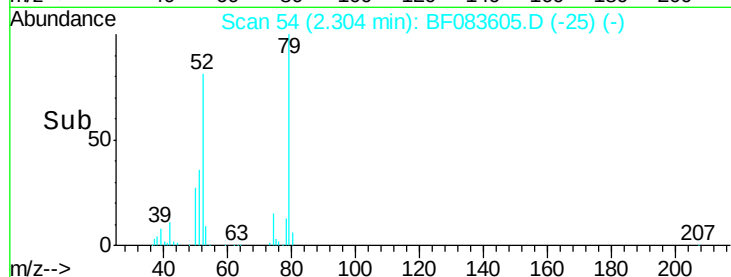
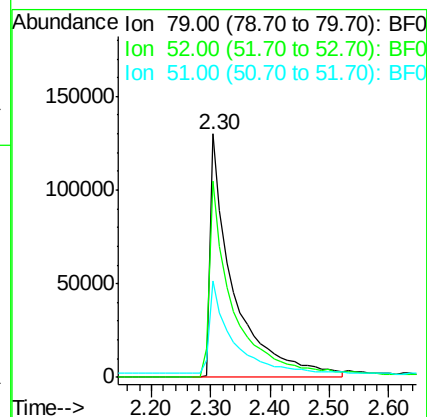
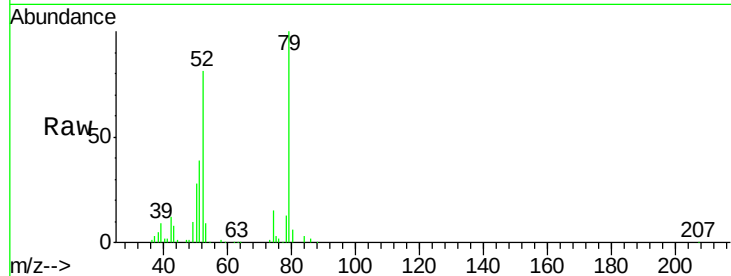
Tgt Ion: 79 Resp: 355476

Ion Ratio Lower Upper

79 100

52 80.8 63.7 95.5

51 39.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 41.28 ng

RT: 2.26 min Scan# 50

Delta R.T. 0.03 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

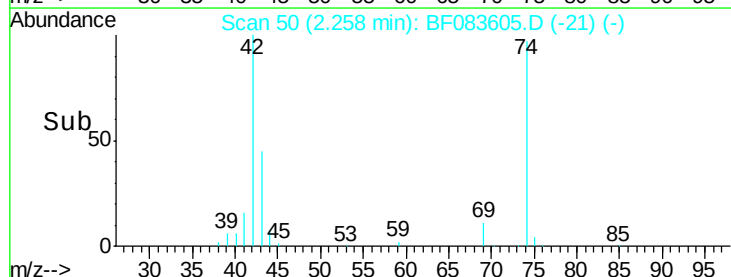
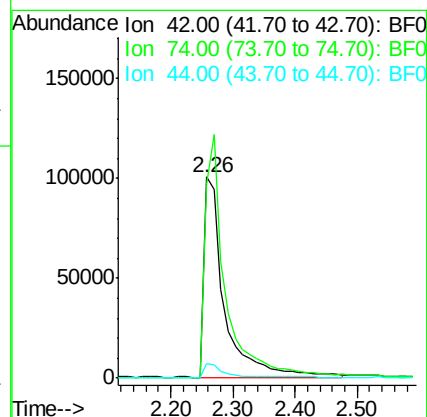
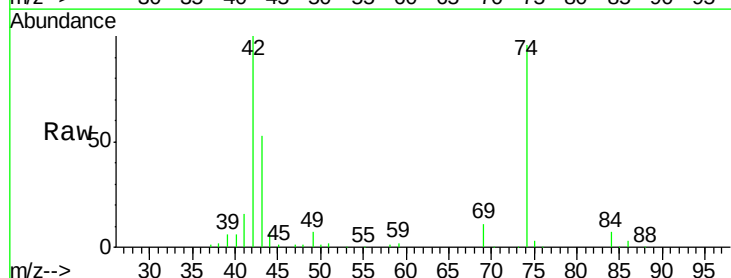
Tgt Ion: 42 Resp: 230575

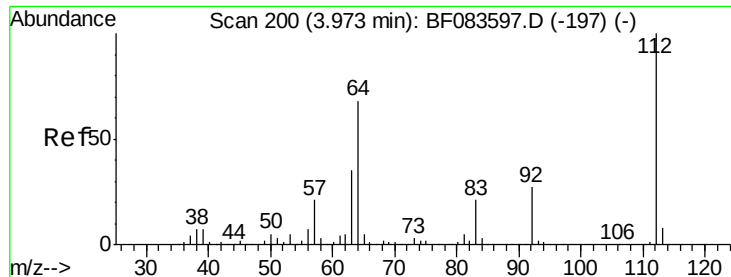
Ion Ratio Lower Upper

42 100

74 96.0 92.9 139.3

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 90.73 ng

RT: 3.98 min Scan# 201

Delta R.T. 0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

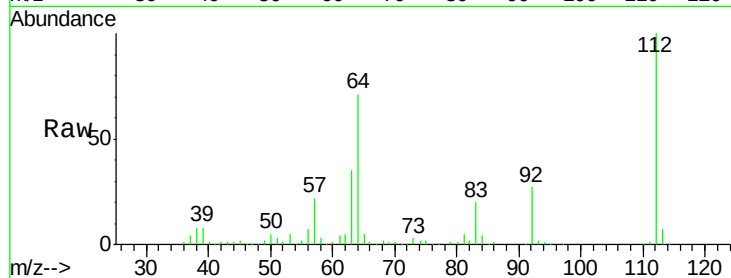
Tgt Ion: 112 Resp: 802016

Ion Ratio Lower Upper

112 100

64 70.6 50.5 75.7

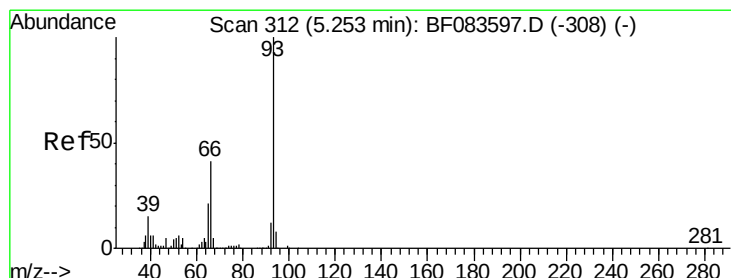
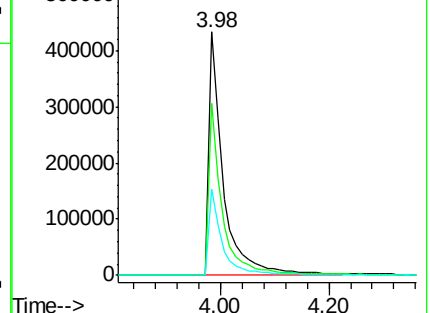
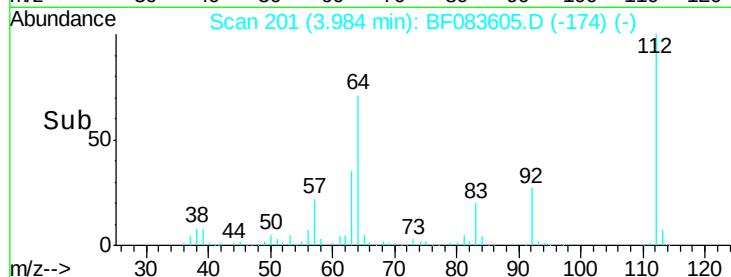
63 35.3 25.8 38.6



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: 28.27 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

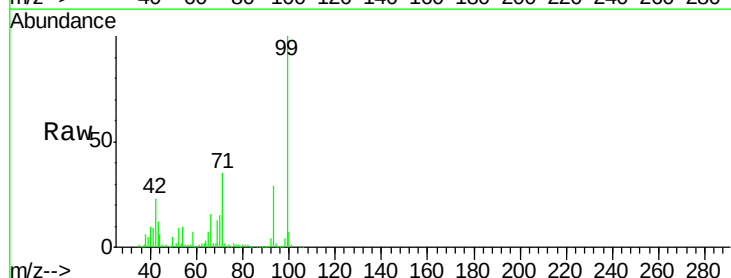
Tgt Ion: 93 Resp: 411410

Ion Ratio Lower Upper

93 100

66 55.1 41.3 61.9

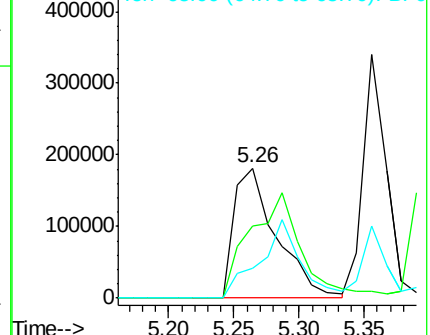
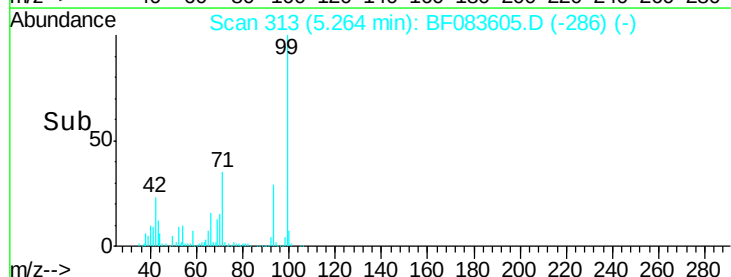
65 23.3 20.8 31.2

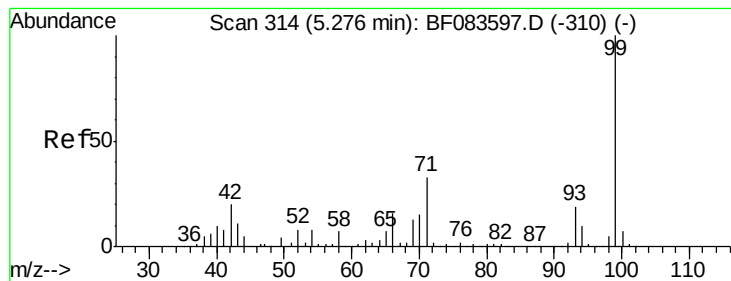


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.57 ng

RT: 5.28 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

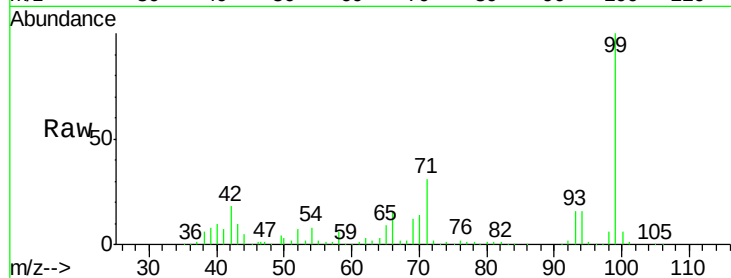
Tgt Ion: 99 Resp: 1034336

Ion Ratio Lower Upper

99 100

42 18.5 17.3 25.9

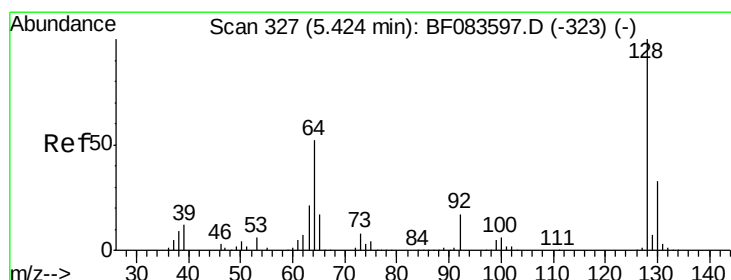
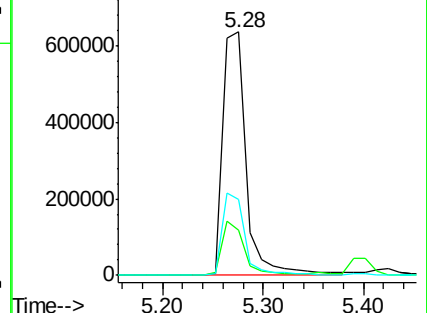
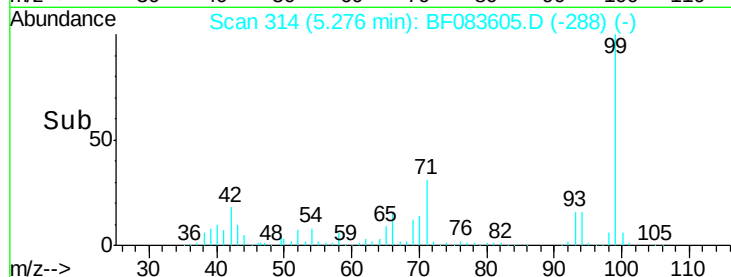
71 31.0 26.6 40.0



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: 42.15 ng

RT: 5.42 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

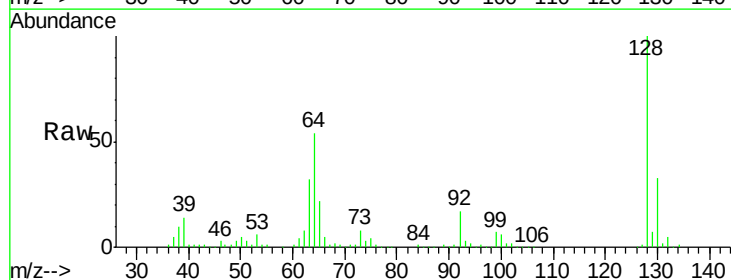
Tgt Ion: 128 Resp: 407515

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

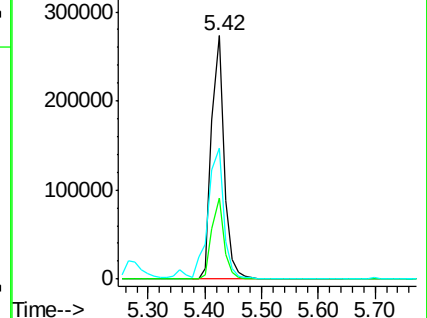
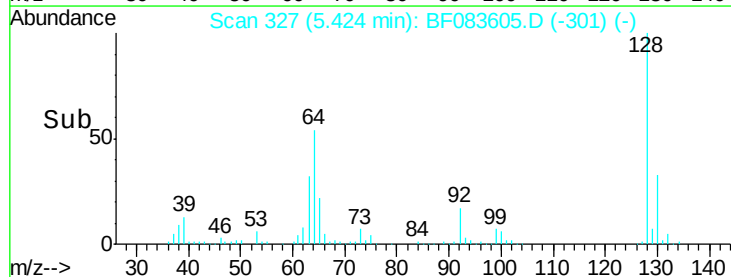
64 53.5 38.6 78.6

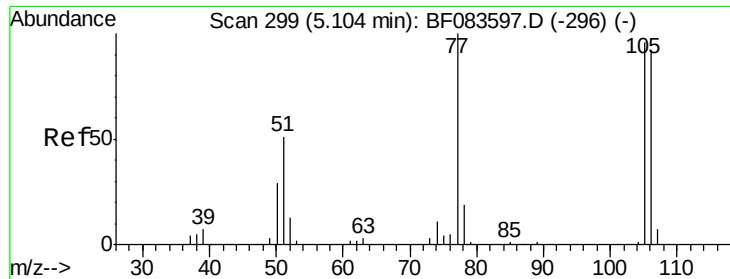


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.31 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.02 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

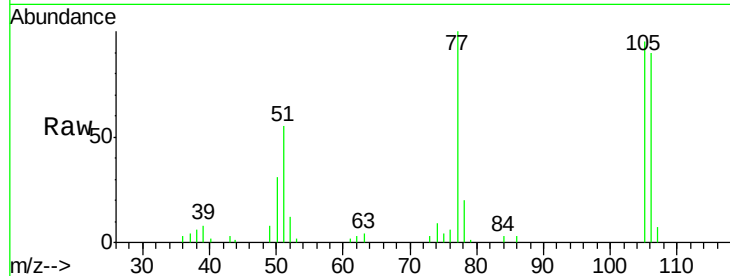
Tgt Ion: 77 Resp: 85437

Ion Ratio Lower Upper

77 100

105 94.5 71.8 111.8

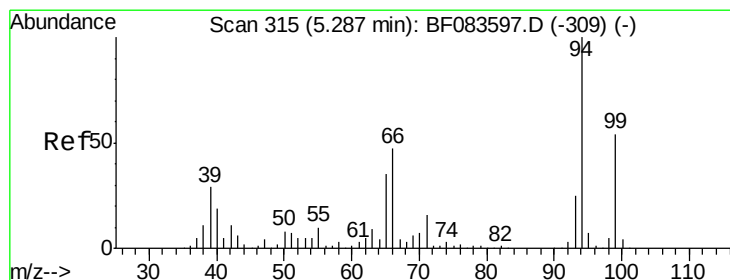
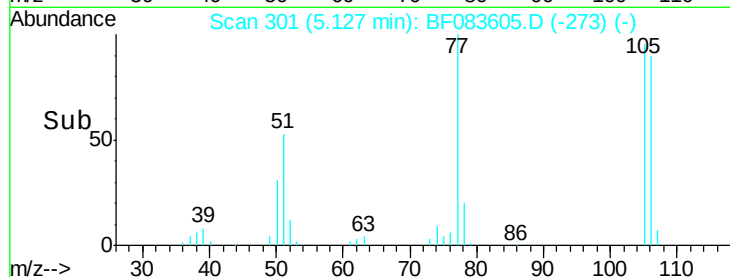
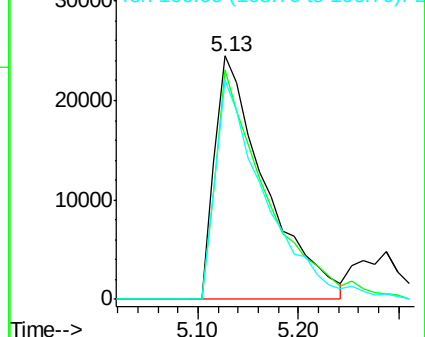
106 90.3 66.8 106.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.74 ng

RT: 5.29 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

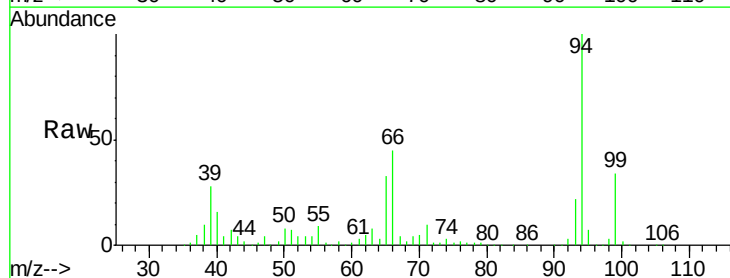
Tgt Ion: 94 Resp: 611469

Ion Ratio Lower Upper

94 100

65 33.3 20.9 60.9

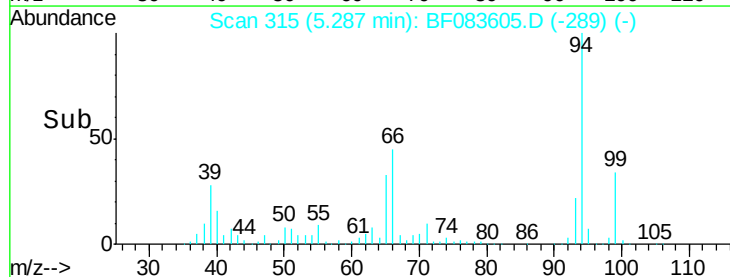
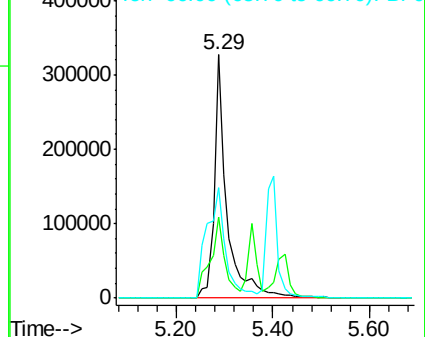
66 45.2 41.6 81.6

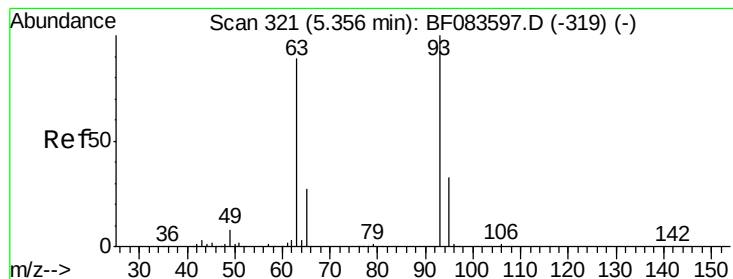


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.53 ng

RT: 5.36 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

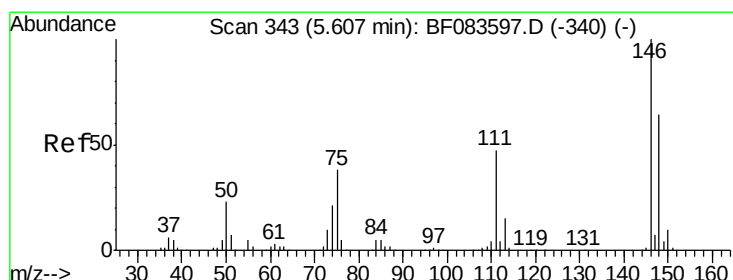
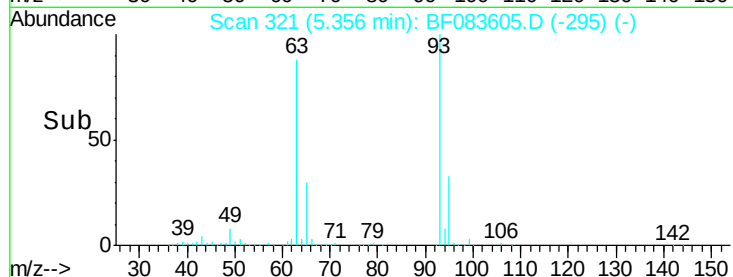
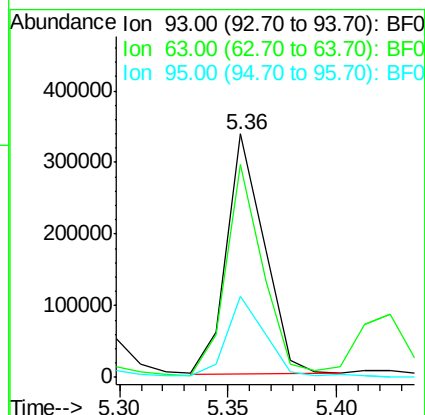
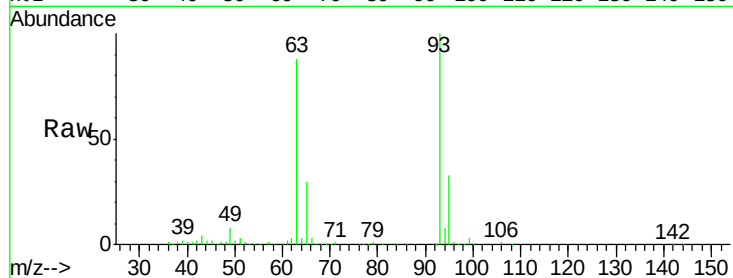
Tgt Ion: 93 Resp: 405520

Ion Ratio Lower Upper

93 100

63 87.5 64.7 104.7

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 41.30 ng

RT: 5.72 min Scan# 353

Delta R.T. 0.11 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

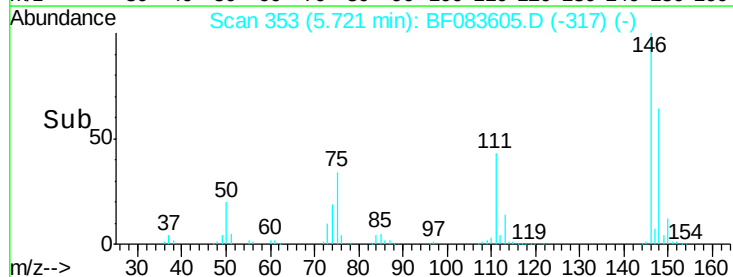
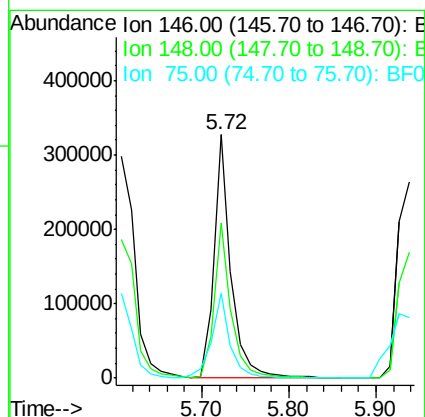
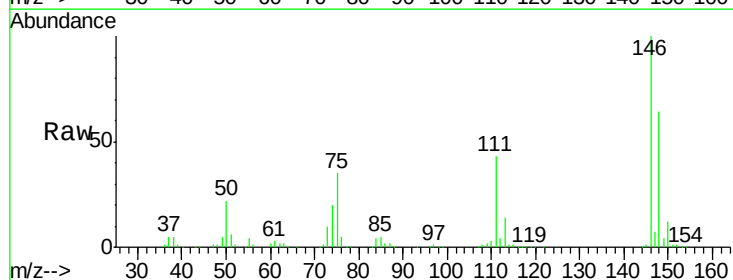
Tgt Ion: 146 Resp: 444915

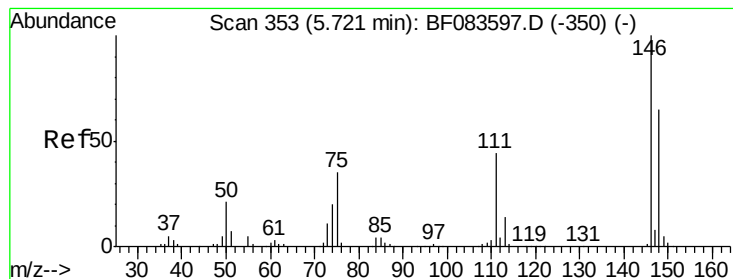
Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

75 34.7 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 40.27 ng

RT: 5.72 min Scan# 353

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

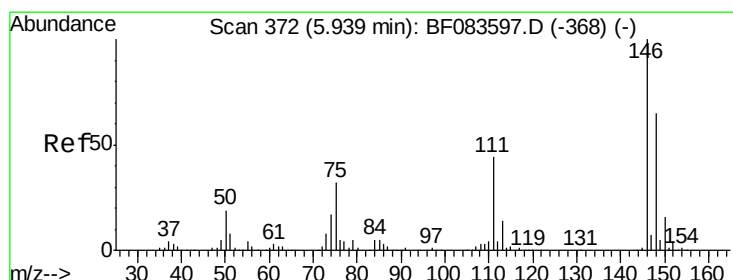
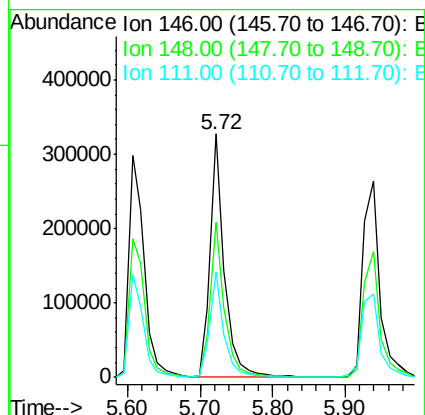
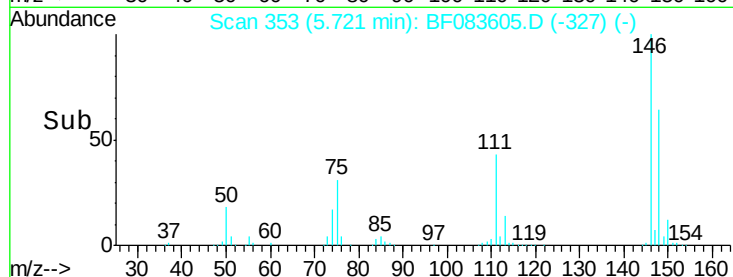
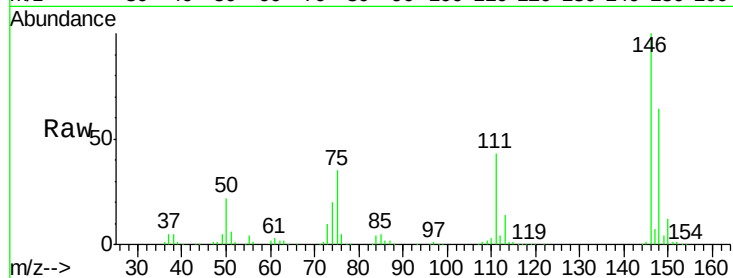
Tgt Ion:146 Resp: 445182

Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

111 43.2 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 42.01 ng

RT: 5.94 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

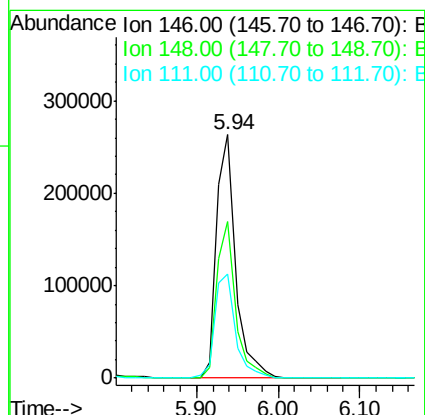
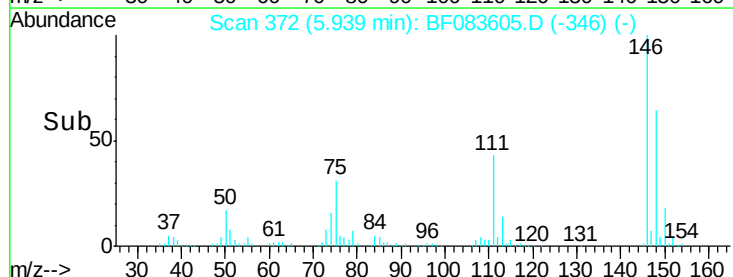
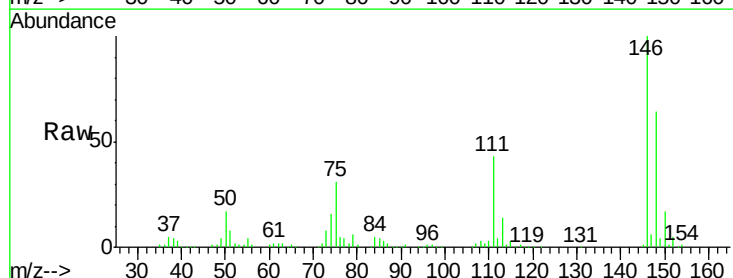
Tgt Ion:146 Resp: 430986

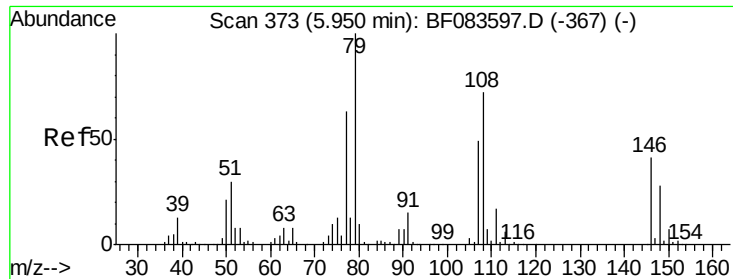
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

111 43.0 36.7 55.1

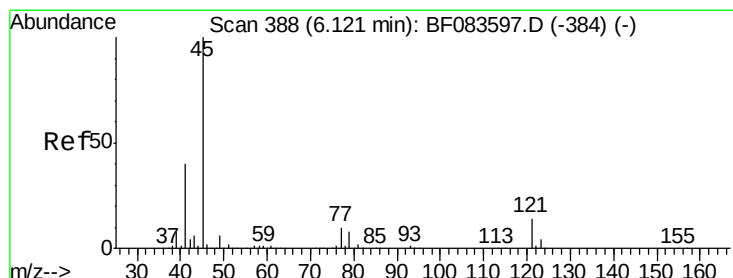
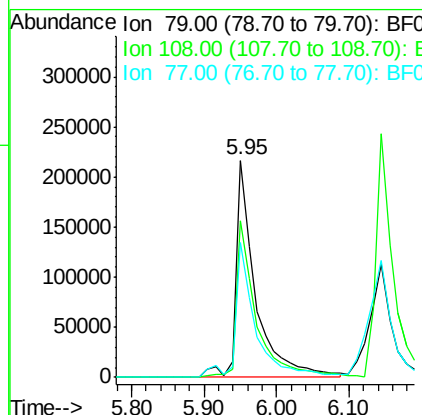
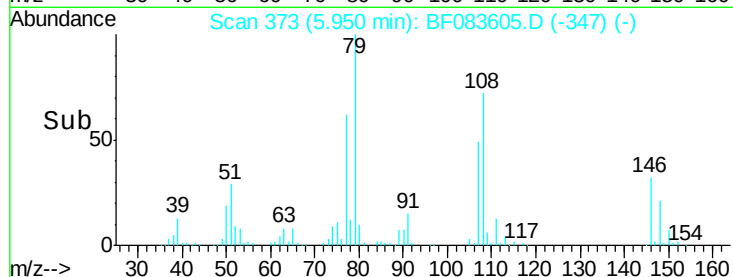
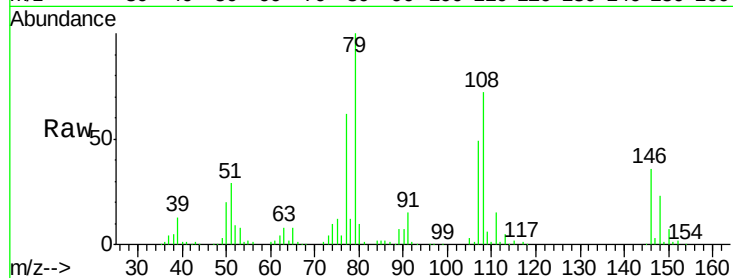




#15
Benzyl Alcohol
Concen: 48.40 ng
RT: 5.95 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

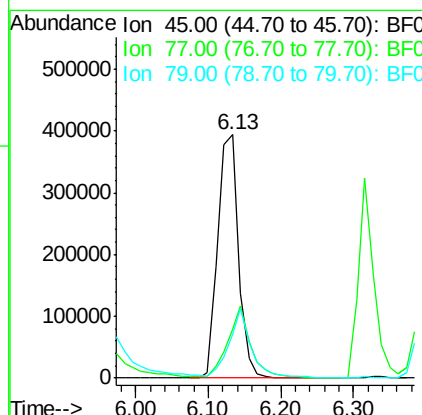
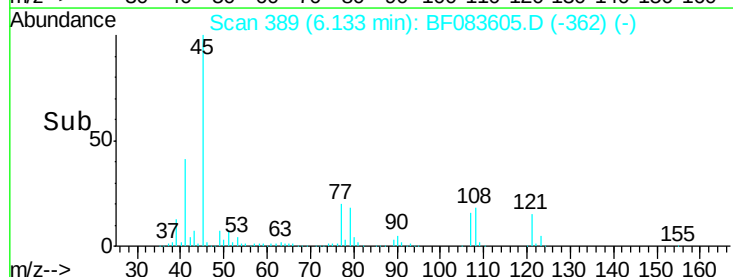
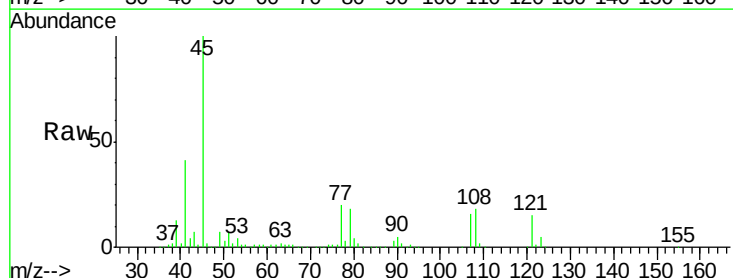
Instrument :
BNA_F
ClientSampleId :
PB87006BS

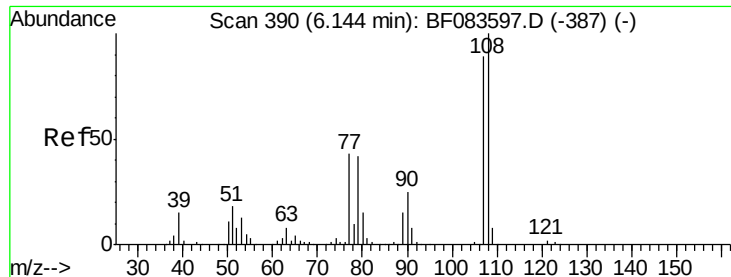
Tgt Ion: 79 Resp: 406713
Ion Ratio Lower Upper
79 100
108 72.0 59.6 89.4
77 62.3 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.44 ng
RT: 6.13 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion: 45 Resp: 787076
Ion Ratio Lower Upper
45 100
77 20.2 12.8 52.8
79 18.3 10.7 50.7





#17

2-Methylphenol

Concen: 43.48 ng

RT: 6.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tgt Ion:107 Resp: 342001

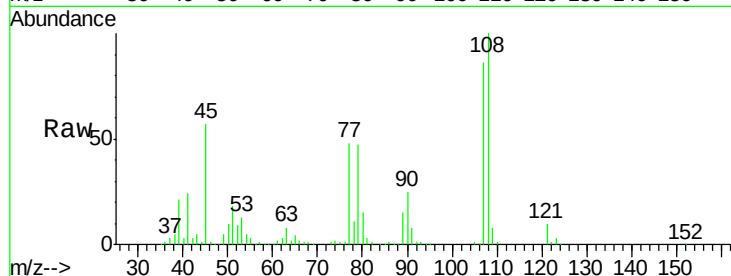
Ion Ratio Lower Upper

107 100

108 116.5 91.6 137.4

77 56.1 53.7 80.5

79 54.4 50.2 75.4

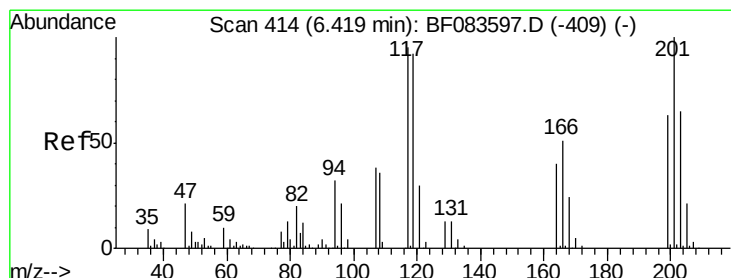
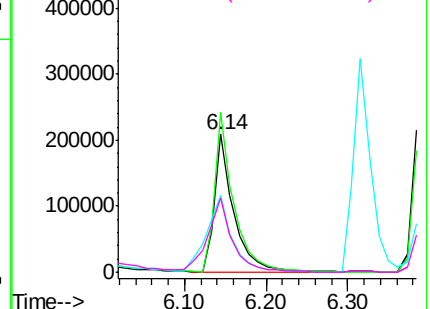
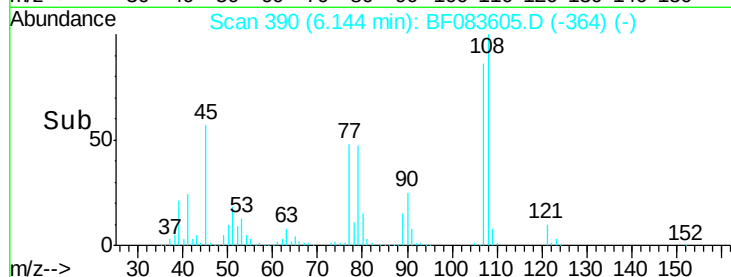


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.74 ng

RT: 6.41 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

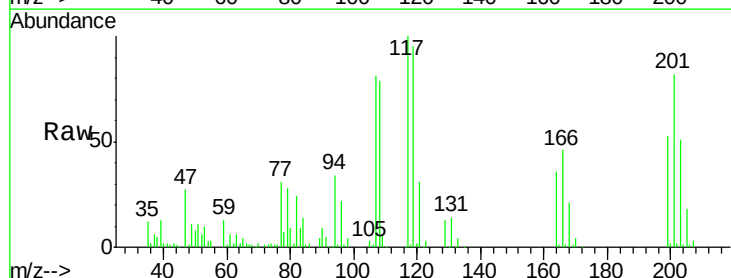
Tgt Ion:117 Resp: 159011

Ion Ratio Lower Upper

117 100

119 95.2 77.2 115.8

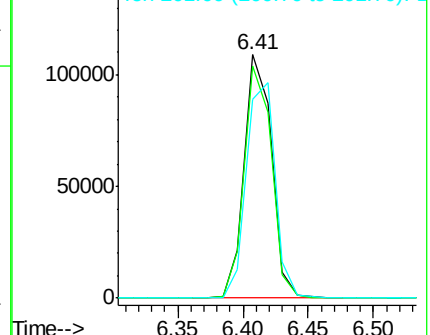
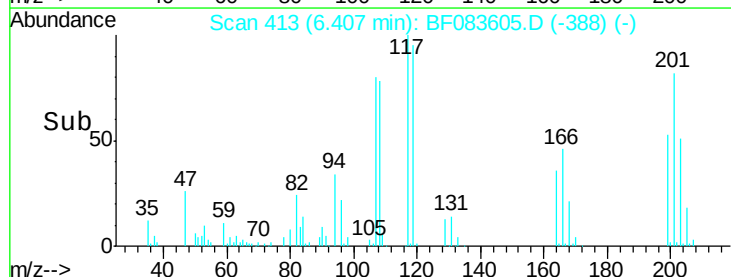
201 81.6 86.8 130.2#

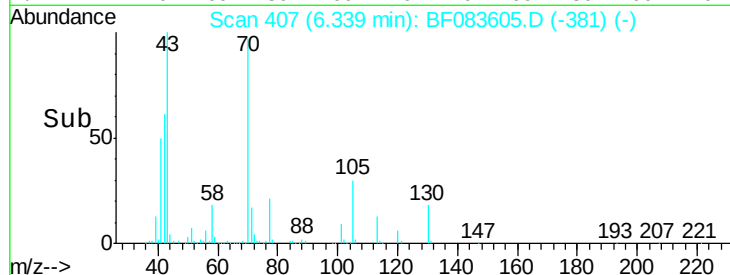
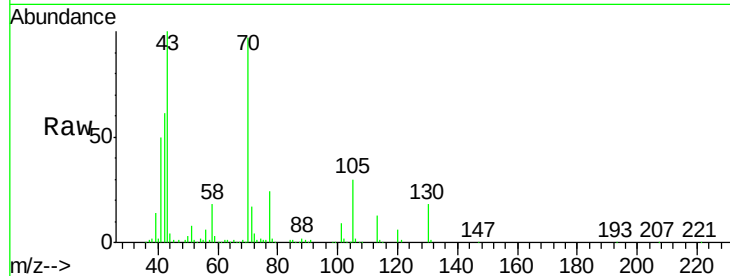
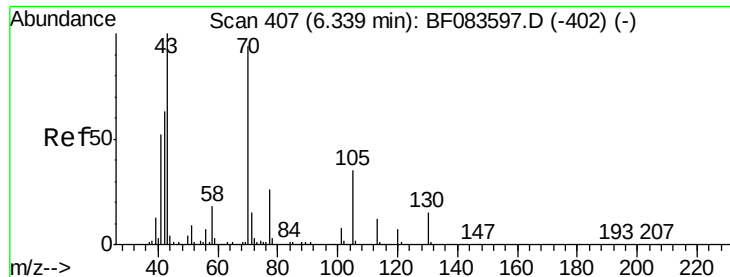


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

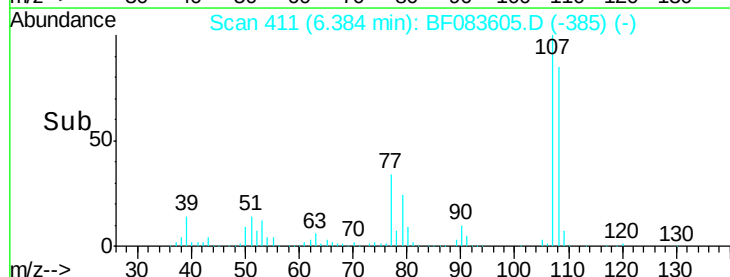
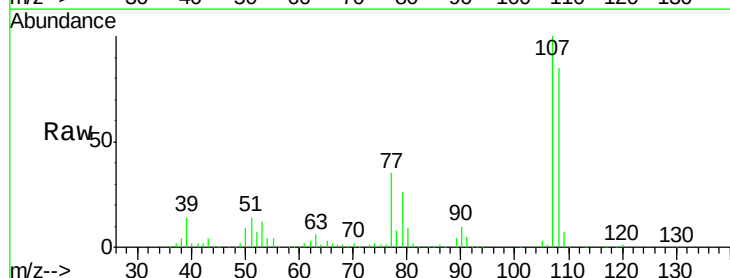
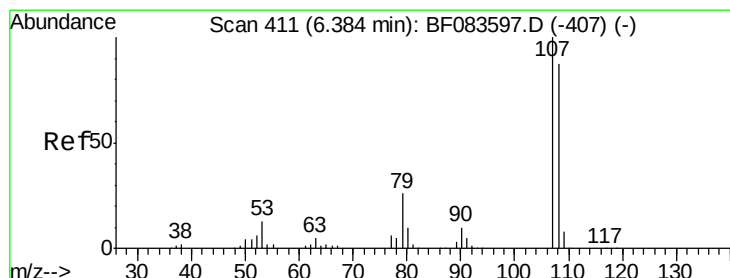
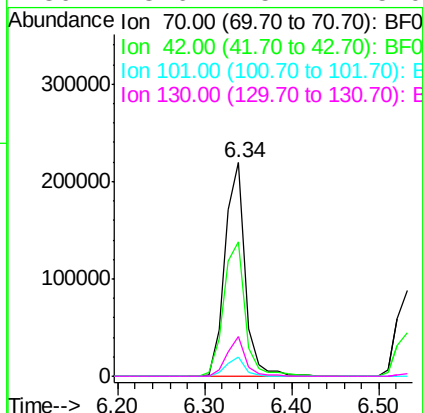




#19
n-Nitroso-di-n-propylamine
Concen: 42.82 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

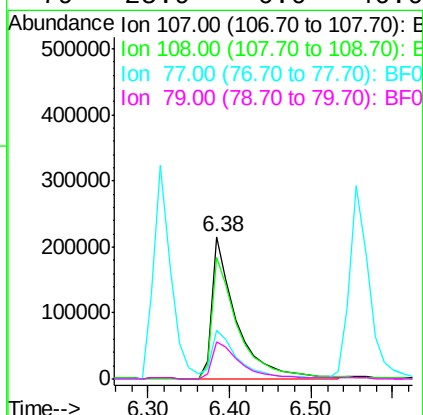
Instrument :
BNA_F
ClientSampleId :
PB87006BS

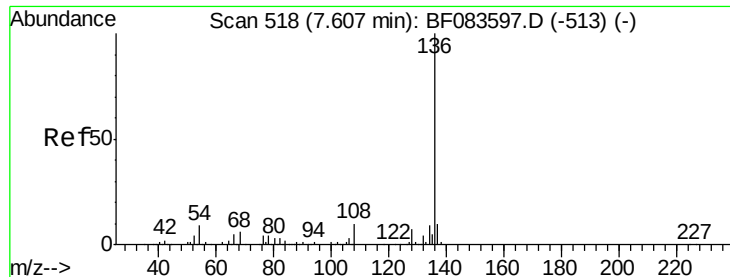
Tgt Ion:	70	Resp:	353010
Ion	Ratio	Lower	Upper
70	100		
42	63.2	49.2	73.8
101	9.2	7.1	10.7
130	18.6	15.4	23.0



#20
3+4-Methylphenols
Concen: 42.92 ng
RT: 6.38 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:	107	Resp:	444506
Ion	Ratio	Lower	Upper
107	100		
108	85.2	65.2	105.2
77	34.6	15.2	55.2
79	25.9	6.0	46.0

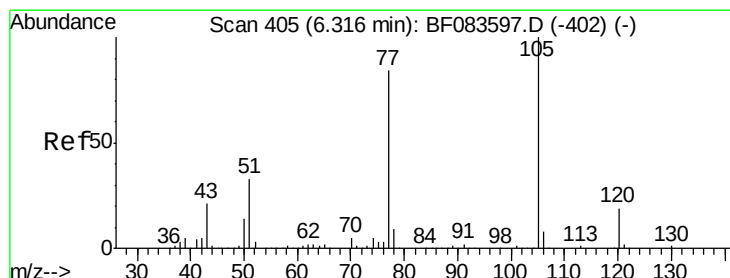
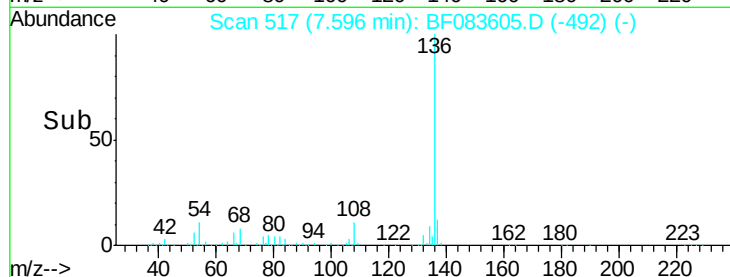
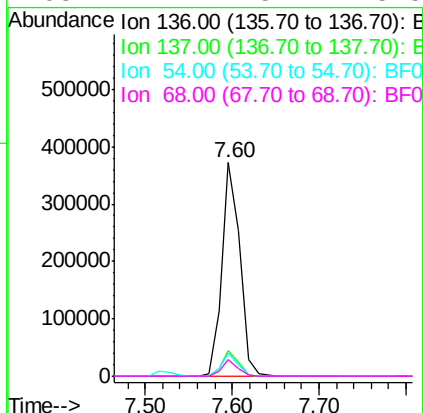
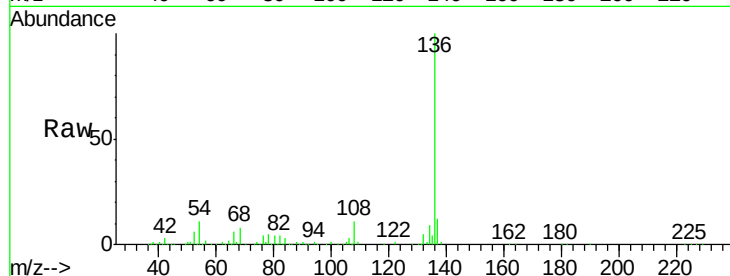




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

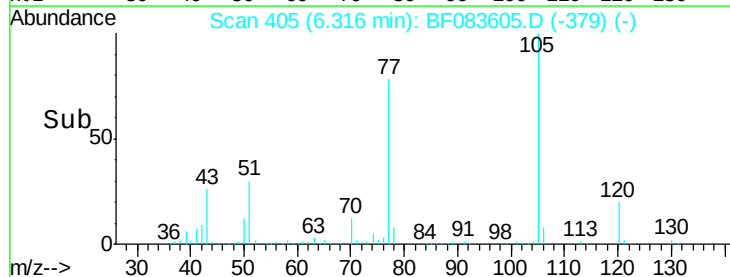
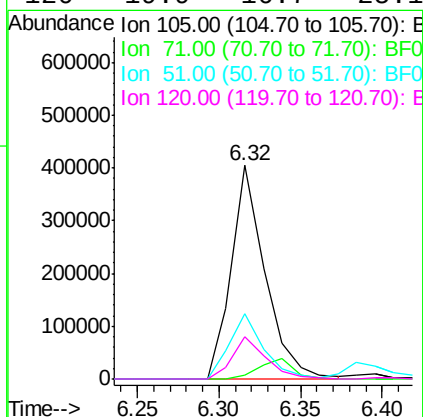
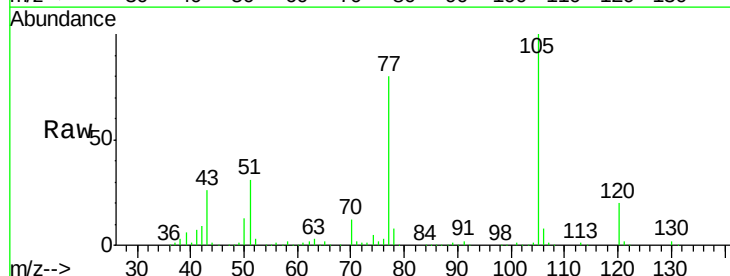
Instrument :
BNA_F
ClientSampleId :
PB87006BS

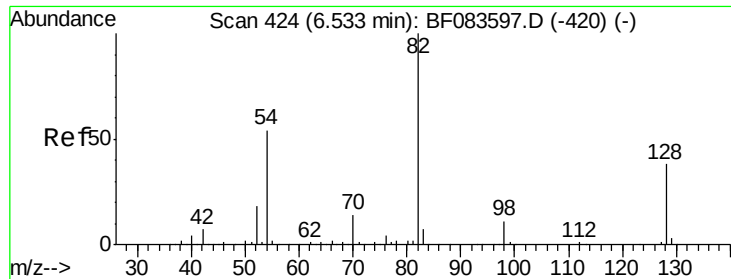
Tgt Ion:	136	Resp:	537524
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	11.0	7.8	11.6
68	7.7	5.7	8.5



#22
Acetophenone
Concen: 38.68 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:	105	Resp:	583248
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.3	1.9#
51	30.7	23.8	35.8
120	19.9	16.7	25.1

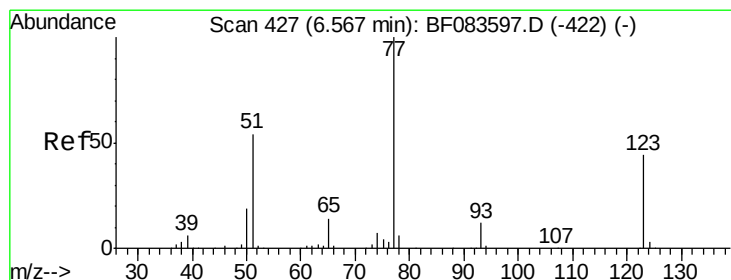
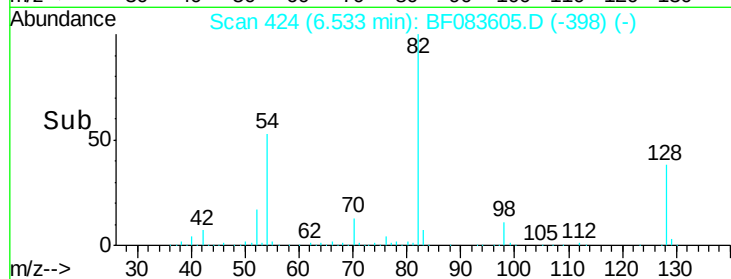
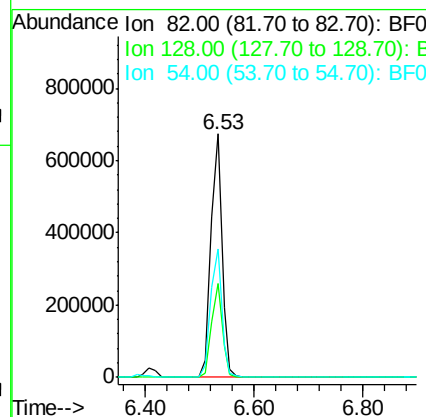
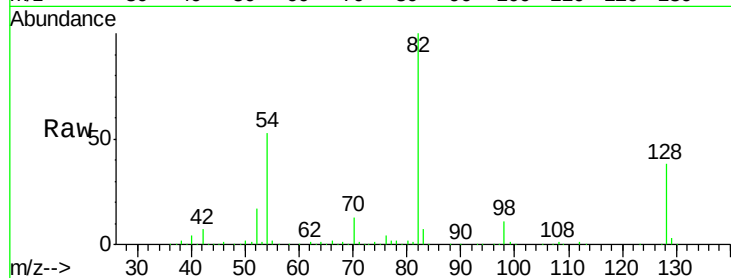




#23
 Nitrobenzene-d5
 Concen: 83.70 ng
 RT: 6.53 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

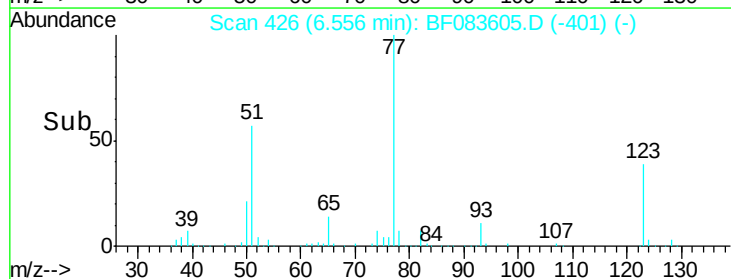
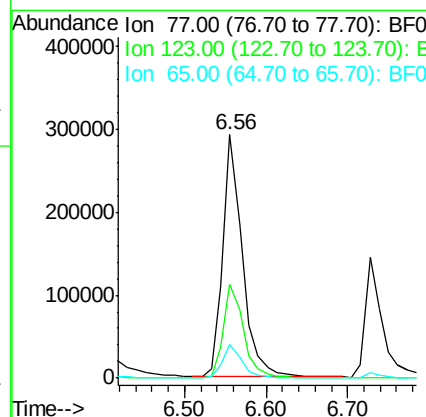
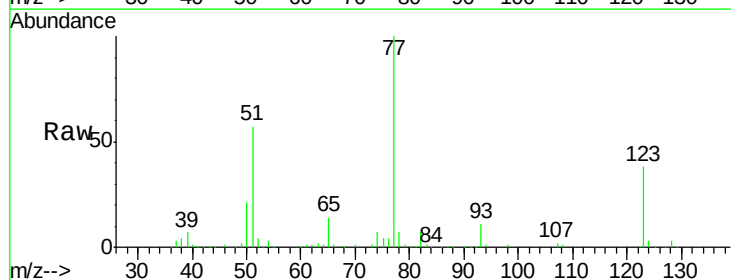
Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

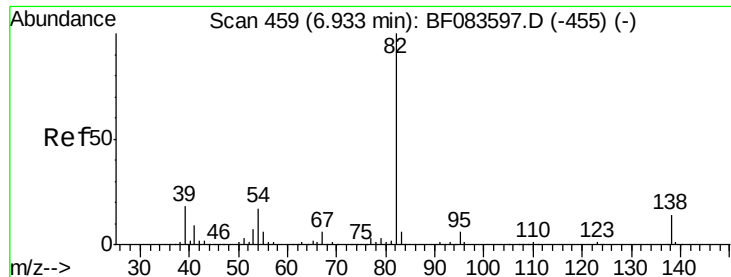
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.7	46.1
54	53.0	42.5	63.7



#24
 Nitrobenzene
 Concen: 38.08 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	29.8	44.6
65	13.6	11.1	16.7





#25

Isophorone

Concen: 40.05 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

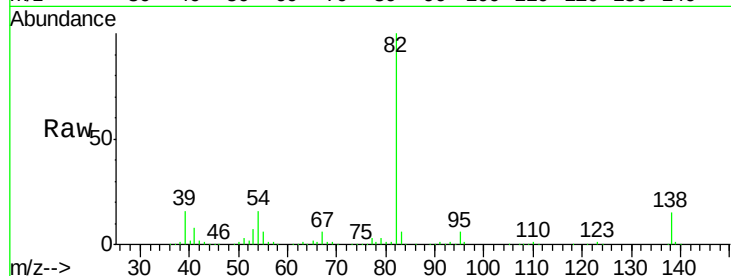
Tgt Ion: 82 Resp: 895269

Ion Ratio Lower Upper

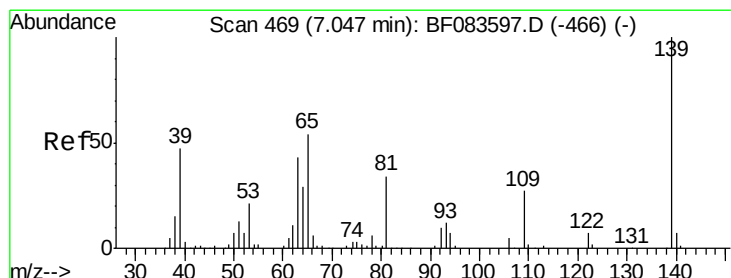
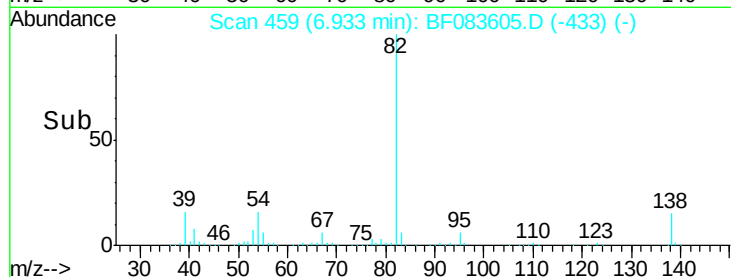
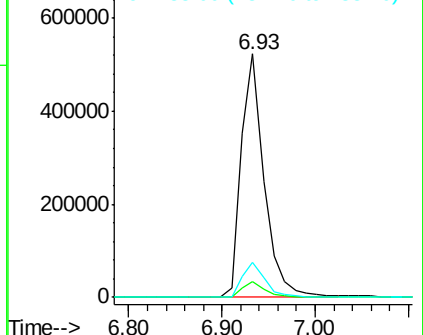
82 100

95 6.3 5.0 7.4

138 14.5 12.1 18.1



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: 41.50 ng

RT: 7.04 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

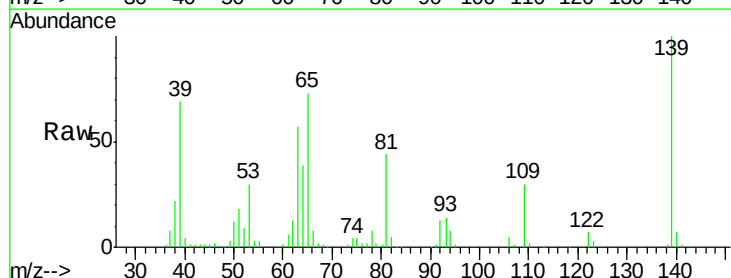
Tgt Ion: 139 Resp: 209827

Ion Ratio Lower Upper

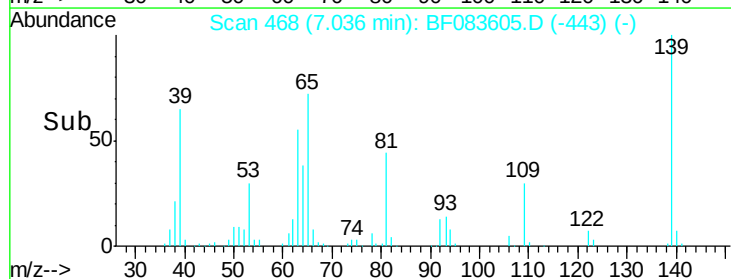
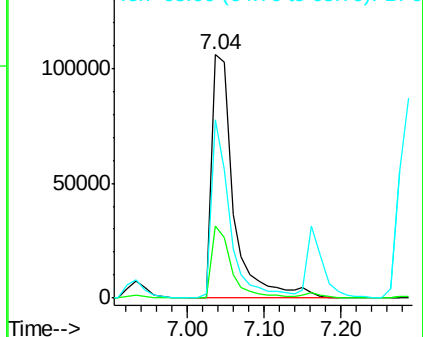
139 100

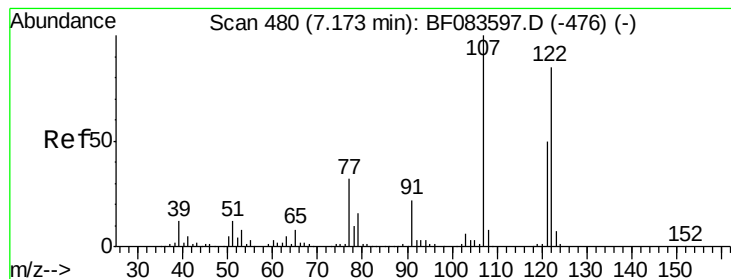
109 29.5 22.7 34.1

65 73.5 51.8 77.8



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: 43.13 ng

RT: 7.16 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

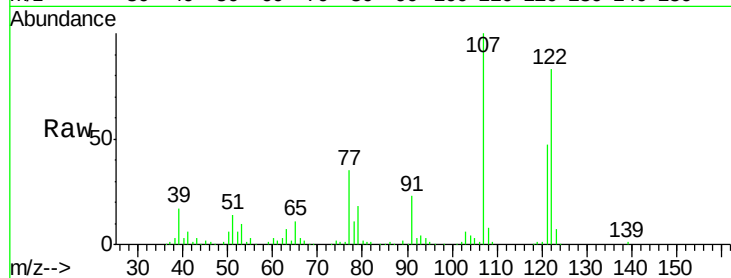
Tgt Ion:122 Resp: 381434

Ion Ratio Lower Upper

122 100

107 120.0 92.4 138.6

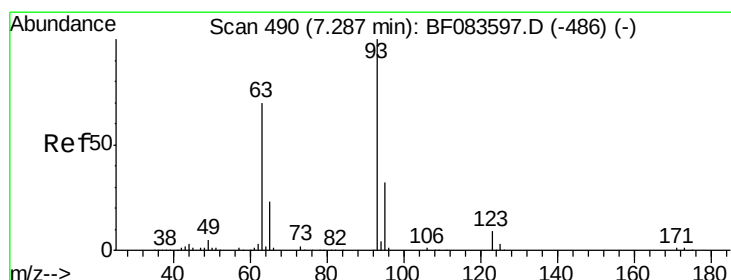
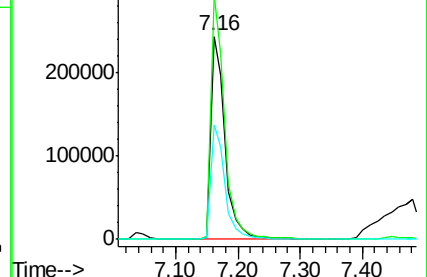
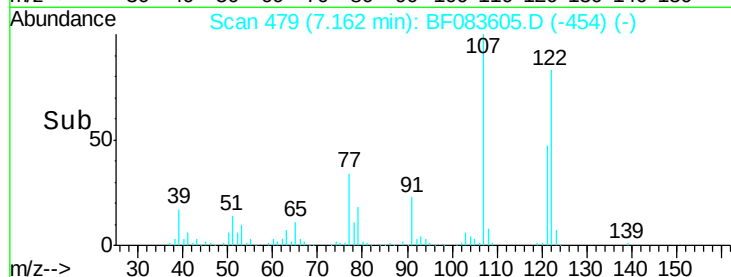
121 56.4 45.8 68.6



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: 43.18 ng

RT: 7.29 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

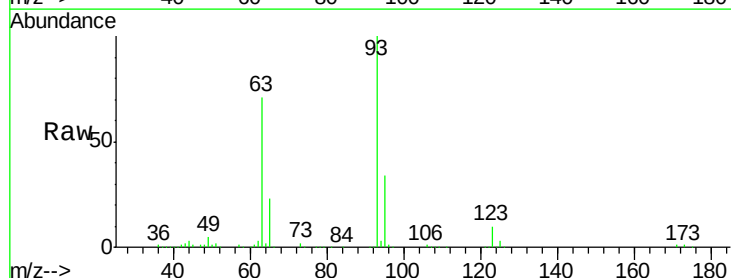
Tgt Ion: 93 Resp: 536014

Ion Ratio Lower Upper

93 100

95 33.6 25.6 38.4

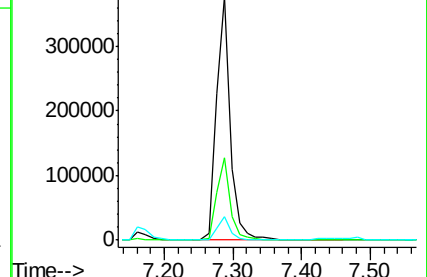
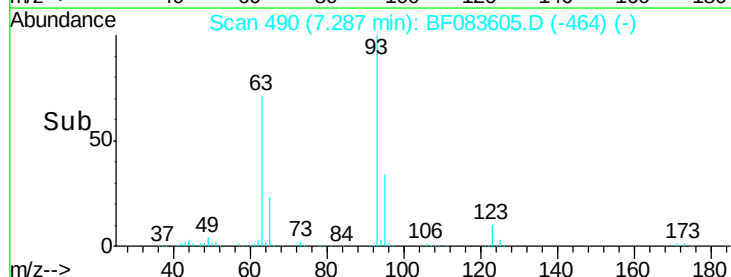
123 9.8 7.3 10.9

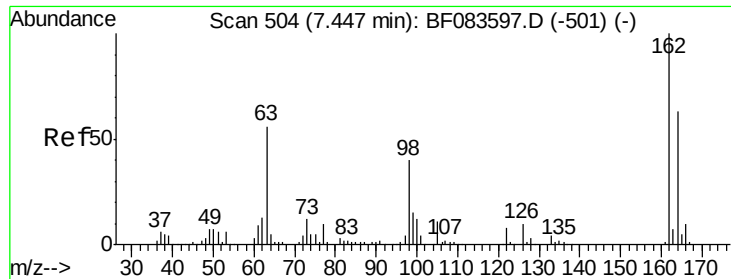


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

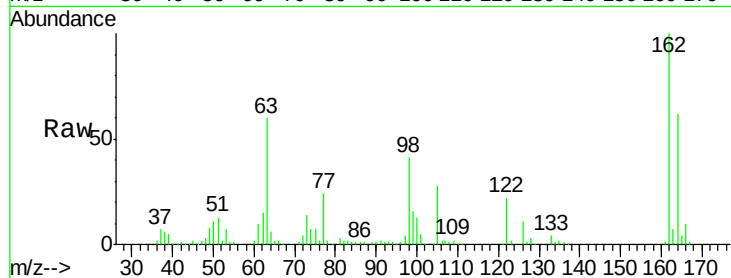




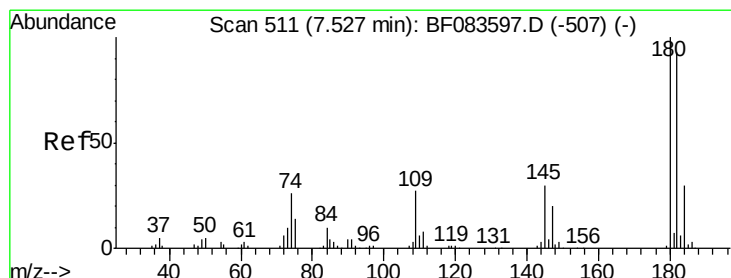
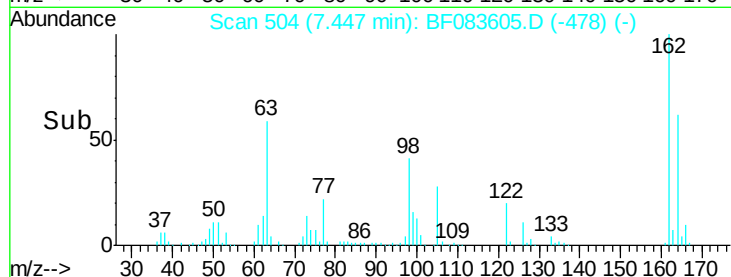
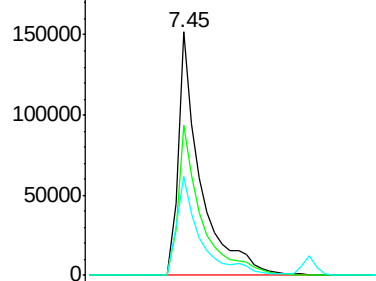
#29
 2,4-Dichlorophenol
 Concen: 42.65 ng
 RT: 7.45 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.9	43.4	83.4
98	40.6	17.5	57.5

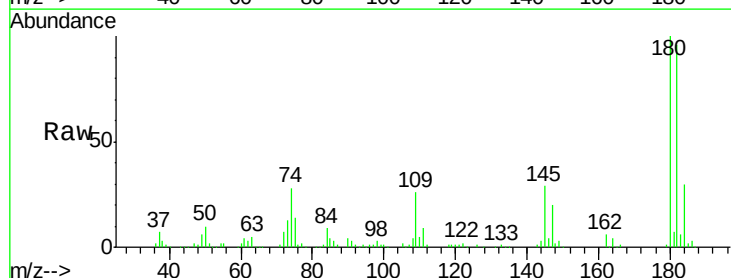


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

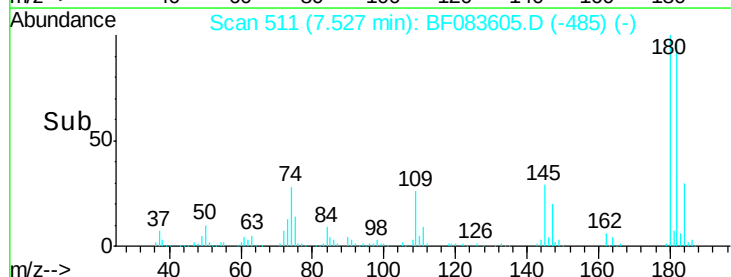
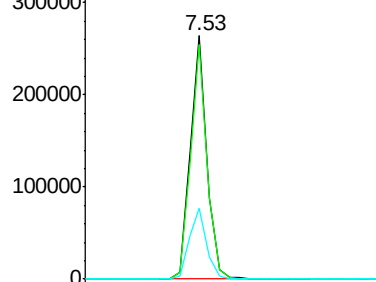


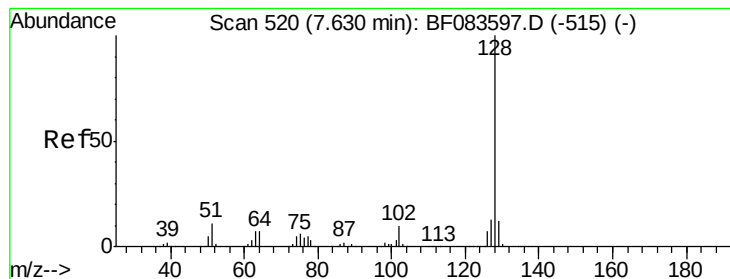
#30
 1,2,4-Trichlorobenzene
 Concen: 39.83 ng
 RT: 7.53 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	74.9	112.3
145	29.2	24.7	37.1



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: 40.91 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

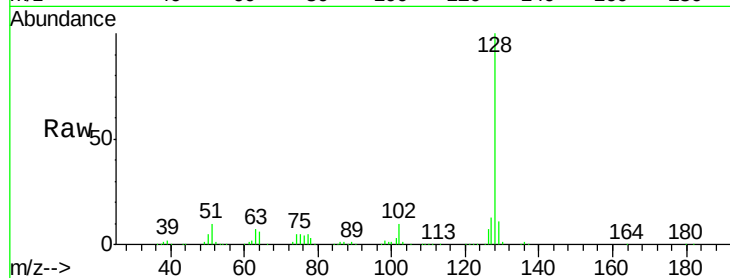
Tgt Ion:128 Resp: 1164595

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

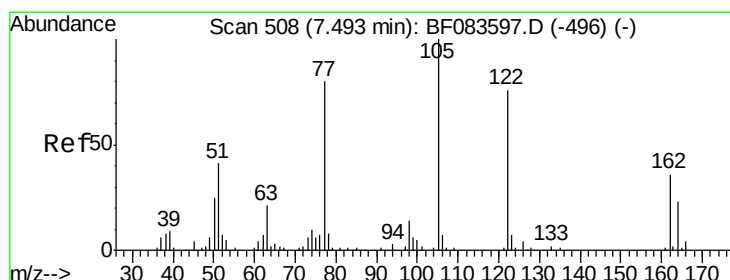
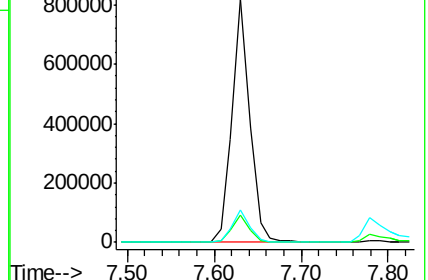
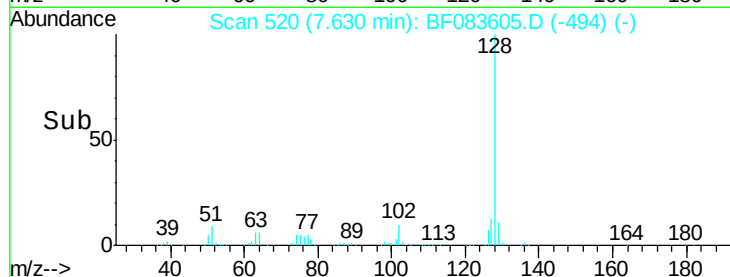
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.02 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

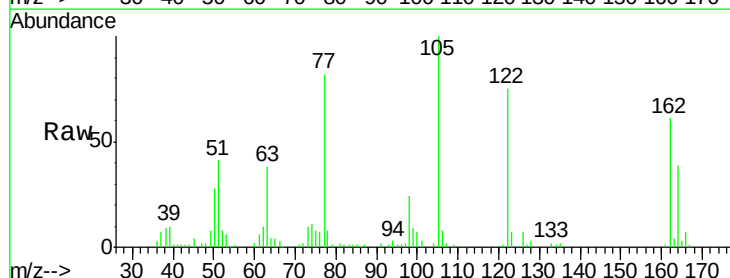
Tgt Ion:122 Resp: 205623

Ion Ratio Lower Upper

122 100

105 133.1 105.6 145.6

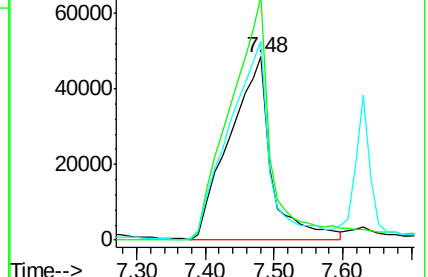
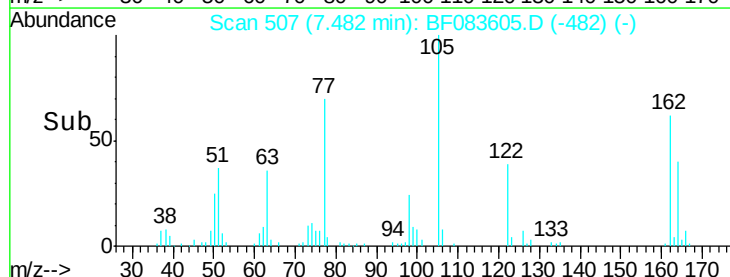
77 108.7 86.8 126.8

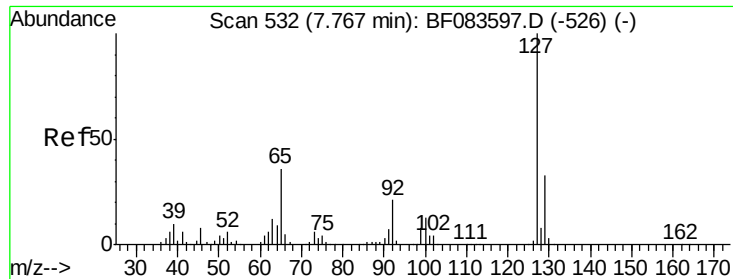


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

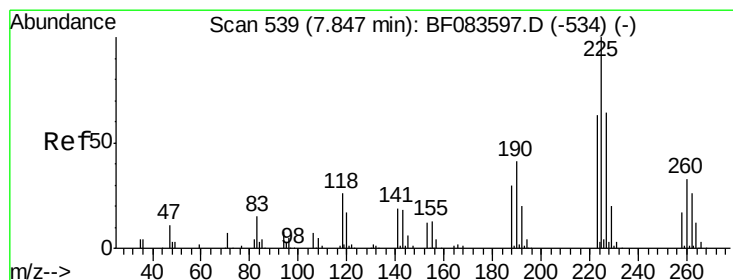
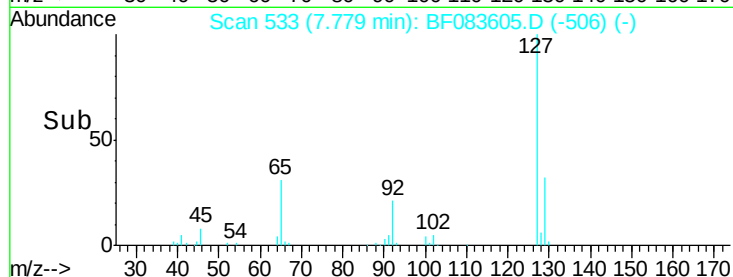
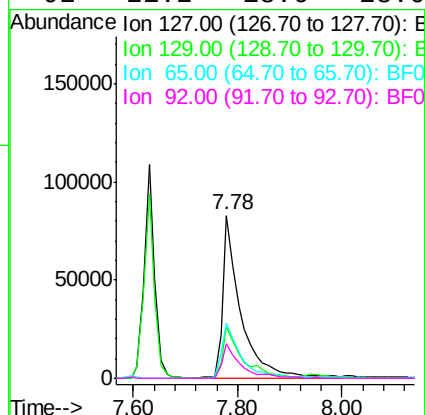
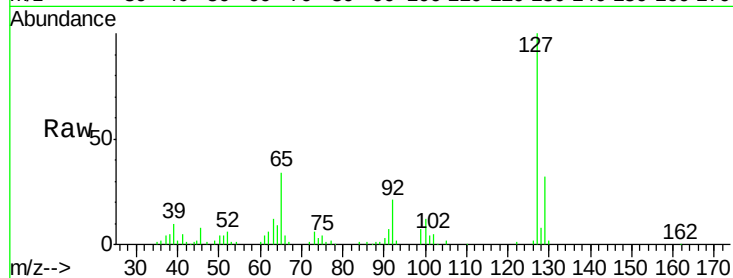




#33
4-Chloroaniline
Concen: 19.41 ng
RT: 7.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

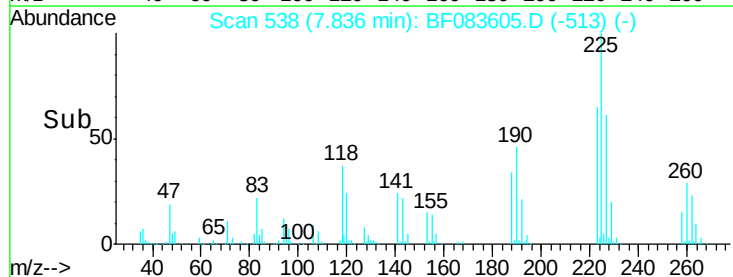
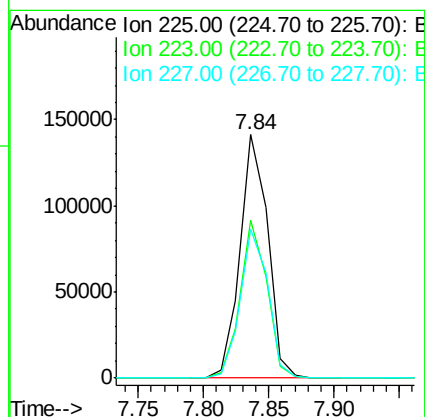
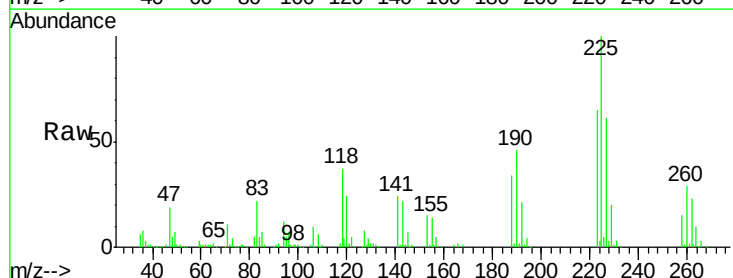
Instrument :
BNA_F
ClientSampleId :
PB87006BS

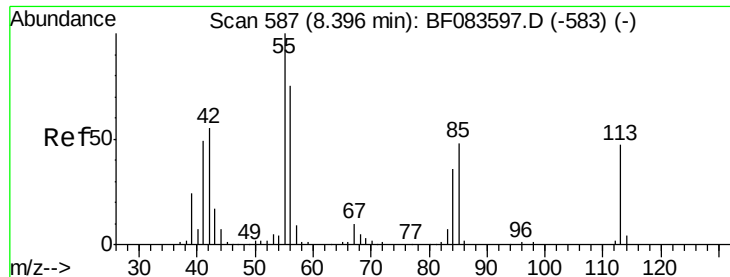
Tgt Ion:	127	Resp:	201476
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	33.8	33.5	50.3
92	21.2	18.6	28.0



#34
Hexachlorobutadiene
Concen: 40.08 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:	225	Resp:	208030
Ion	Ratio	Lower	Upper
225	100		
223	64.8	52.3	78.5
227	61.0	50.4	75.6

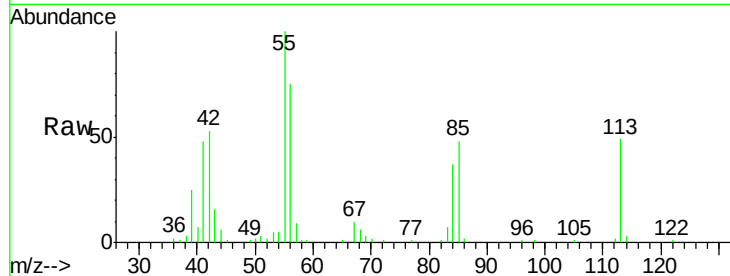




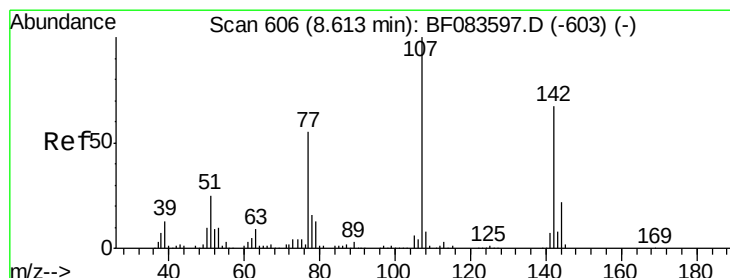
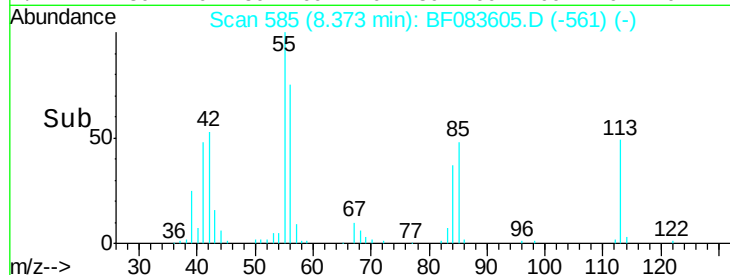
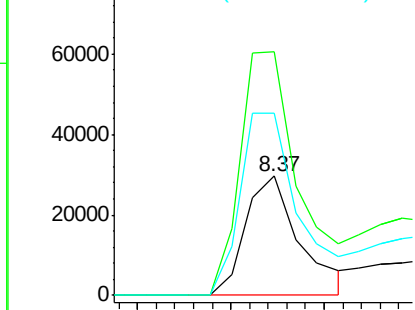
#35
 Caprolactam
 Concen: 24.78 ng
 RT: 8.37 min Scan# 585
 Delta R.T. -0.02 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tgt Ion:113 Resp: 59823
 Ion Ratio Lower Upper
 113 100
 55 204.1 189.7 229.7
 56 152.4 130.7 170.7

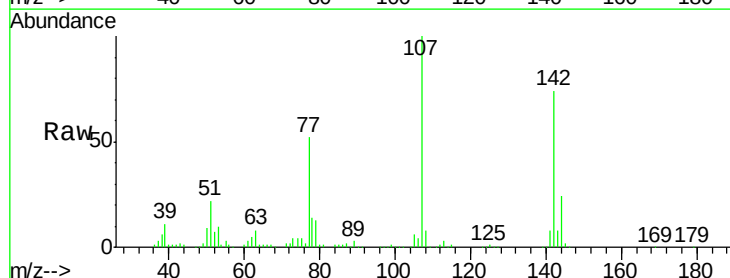


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

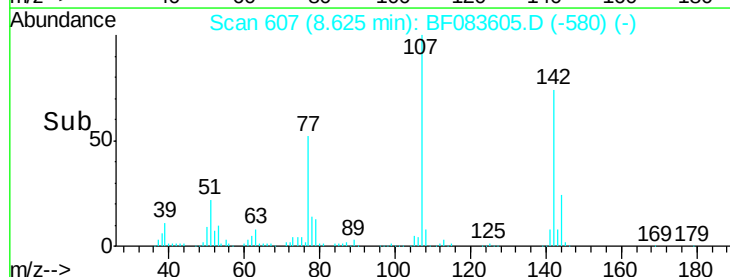
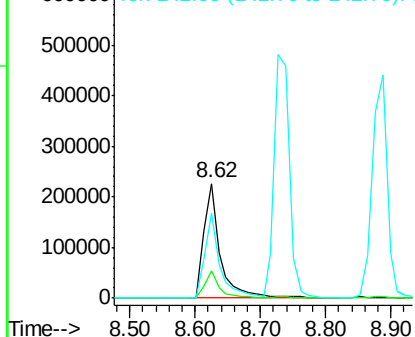


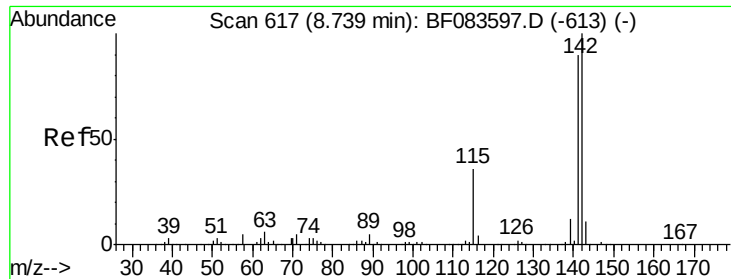
#36
 4-Chloro-3-methylphenol
 Concen: 43.49 ng
 RT: 8.62 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion:107 Resp: 392941
 Ion Ratio Lower Upper
 107 100
 144 24.1 17.5 26.3
 142 73.6 53.6 80.4



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

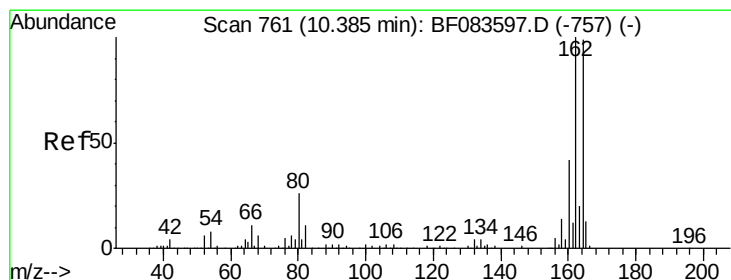
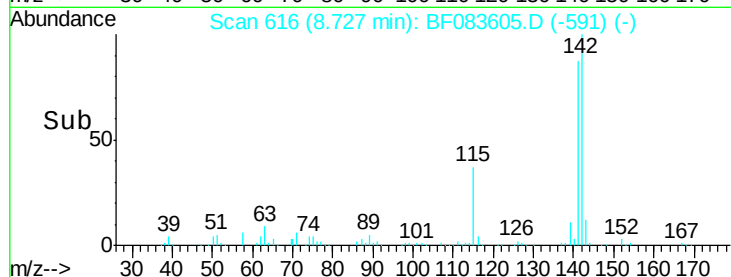
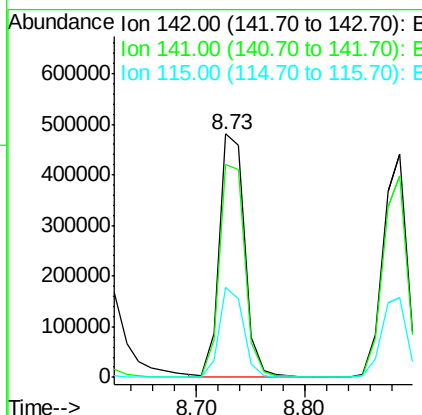
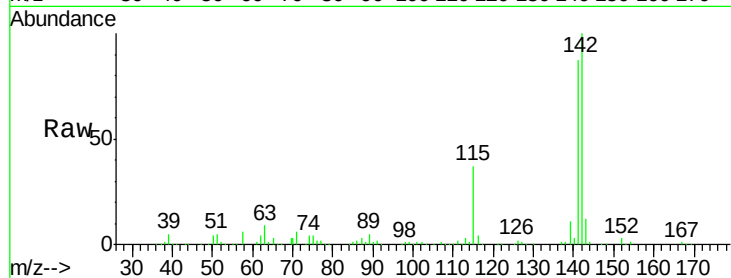




#37
2-Methylnaphthalene
Concen: 43.47 ng
RT: 8.73 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

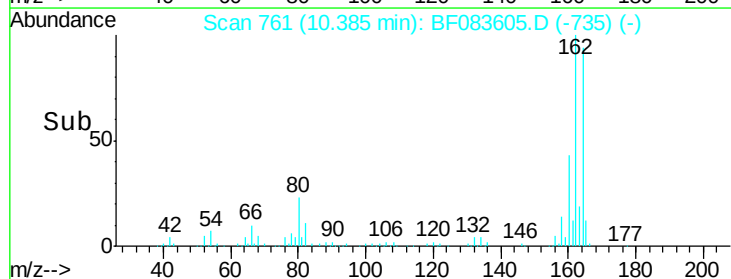
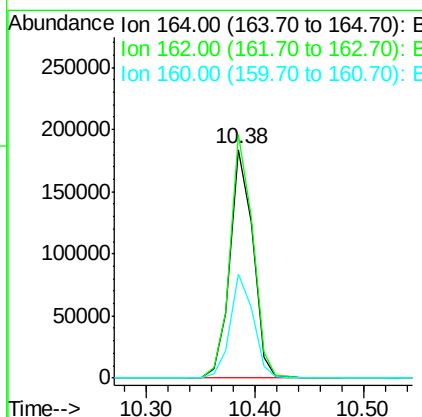
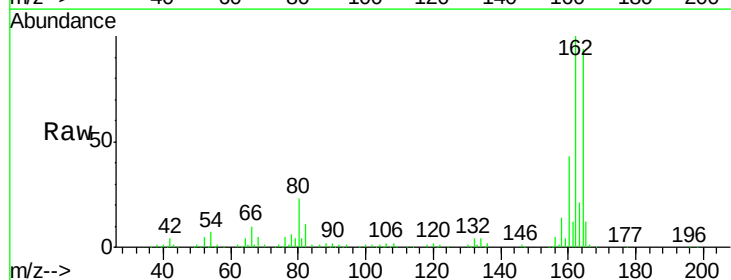
Instrument :
BNA_F
ClientSampleId :
PB87006BS

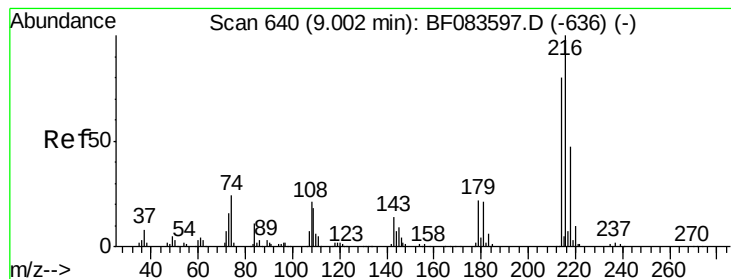
Tgt Ion:142 Resp: 777296
Ion Ratio Lower Upper
142 100
141 87.4 70.3 105.5
115 37.0 29.2 43.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.38 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:164 Resp: 266682
Ion Ratio Lower Upper
164 100
162 106.6 78.8 118.2
160 45.6 33.4 50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.51 ng

RT: 9.00 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

Tgt Ion:216 Resp: 345931

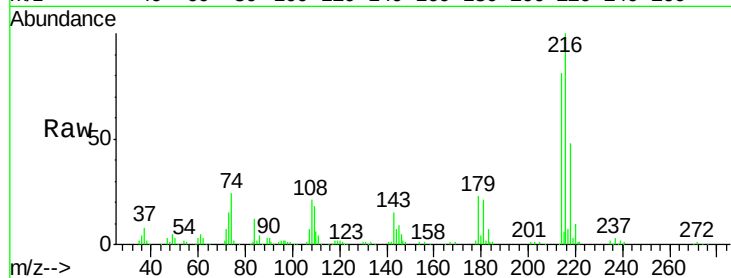
Ion Ratio Lower Upper

216 100

214 78.6 0.0 0.0#

179 20.8 0.0 0.0#

108 19.7 0.0 0.0#

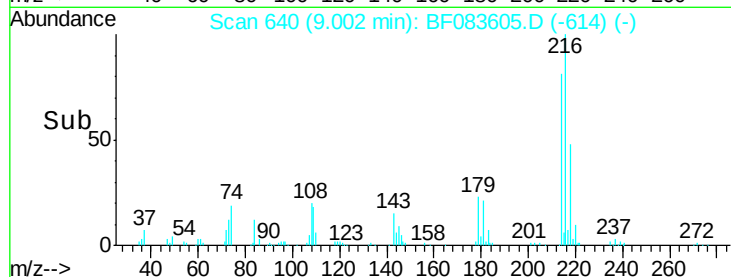


Abundance Ion 216.00 (215.70 to 216.70): E

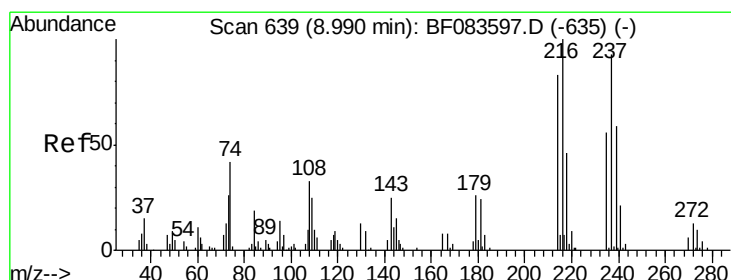
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 72.13 ng

RT: 8.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

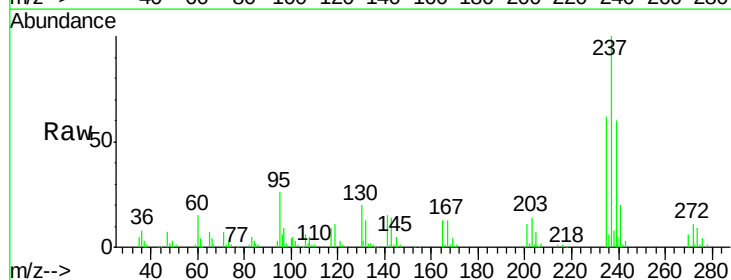
Tgt Ion:237 Resp: 141093

Ion Ratio Lower Upper

237 100

235 62.4 43.9 83.9

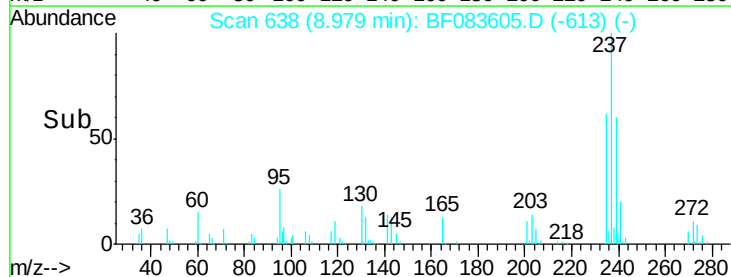
272 11.0 0.0 31.8



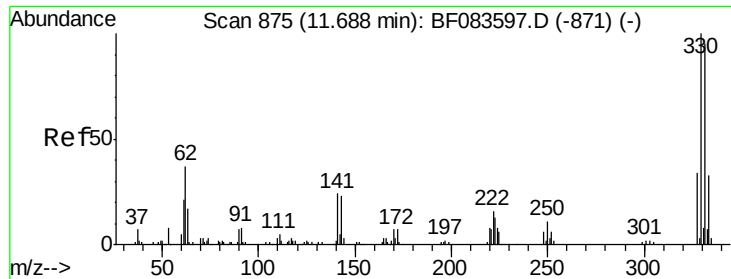
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



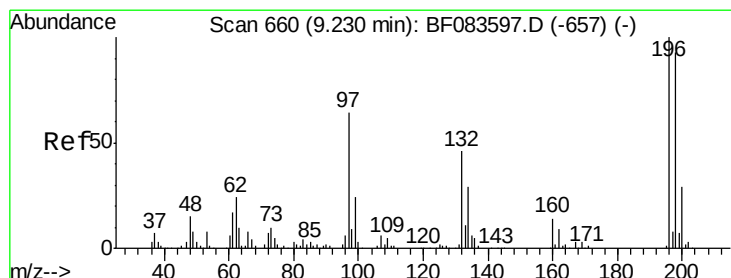
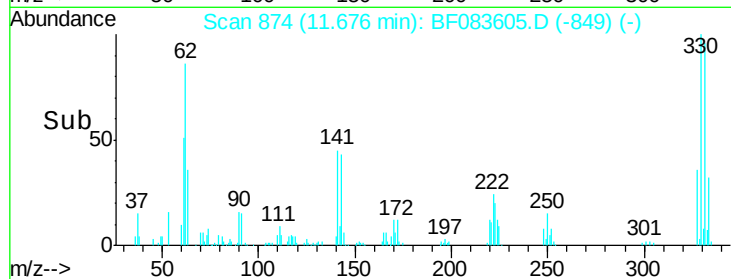
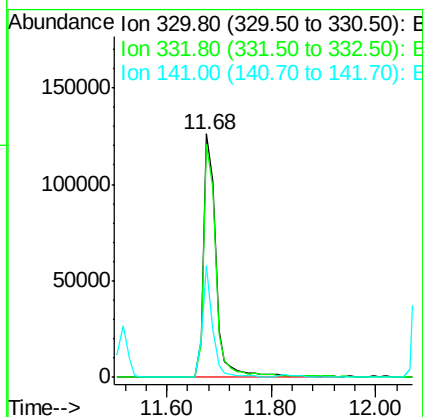
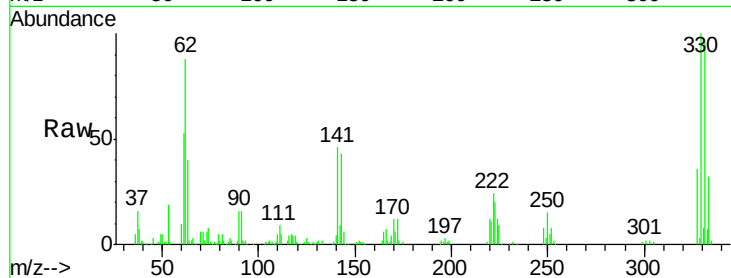
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 89.53 ng
 RT: 11.68 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

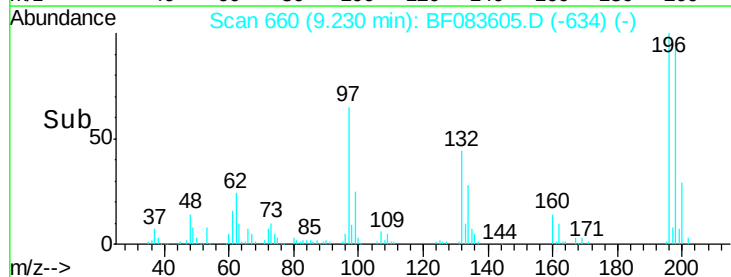
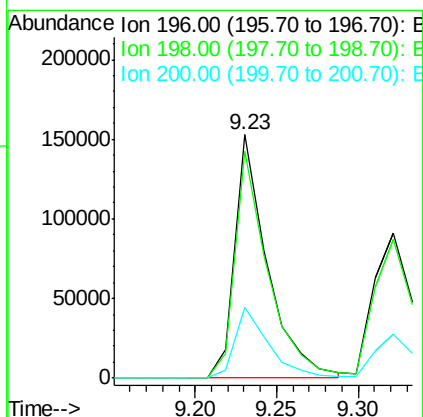
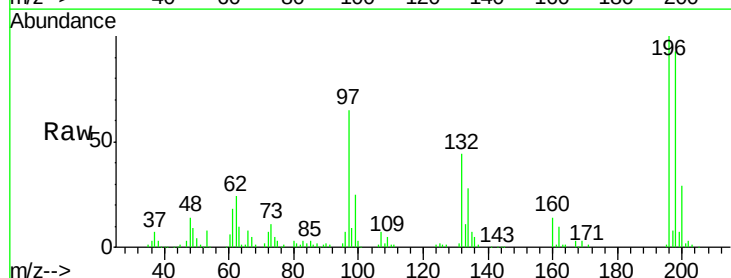
Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

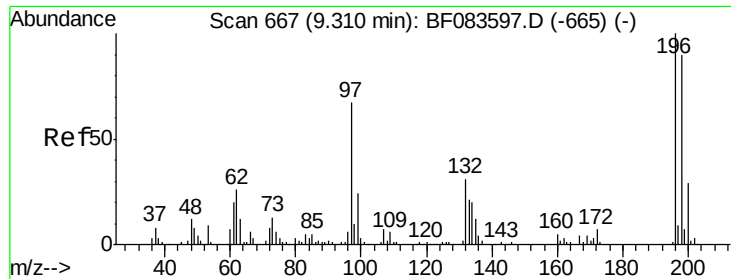
Tgt Ion:330 Resp: 212704
 Ion Ratio Lower Upper
 330 100
 332 94.5 0.0 0.0#
 141 38.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 40.55 ng
 RT: 9.23 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion:196 Resp: 212071
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.2 112.8
 200 29.0 23.0 34.6

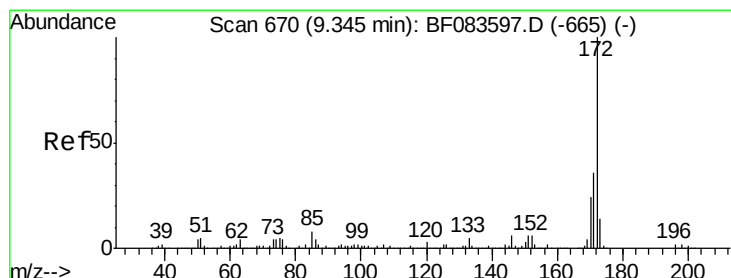
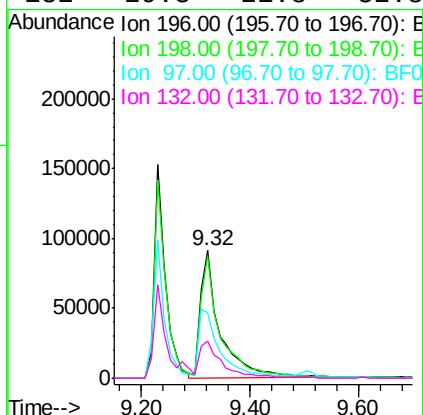
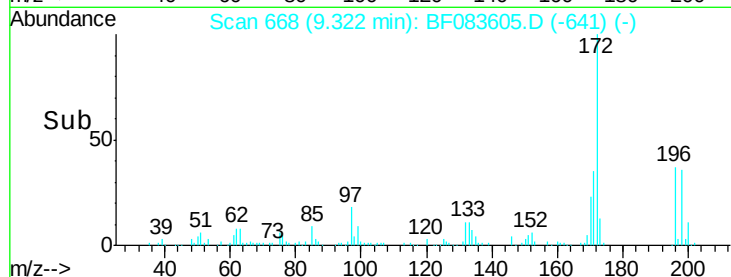
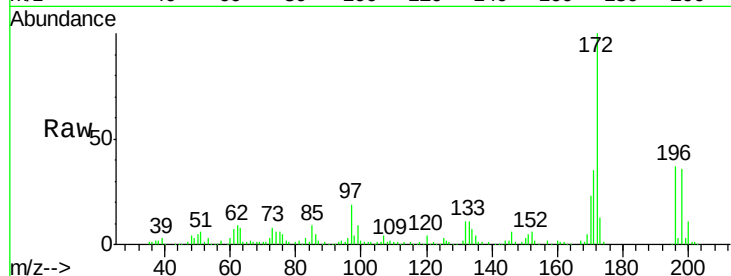




#43
 2,4,5-Trichlorophenol
 Concen: 43.20 ng
 RT: 9.32 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

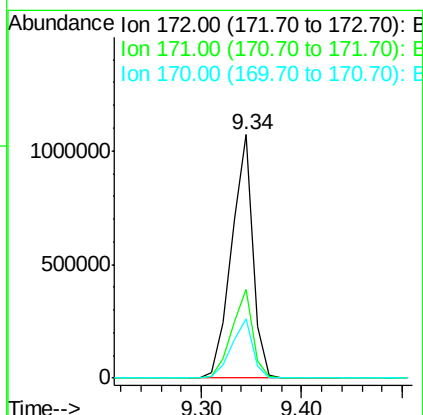
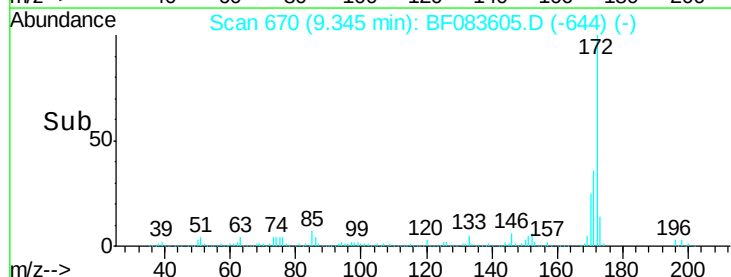
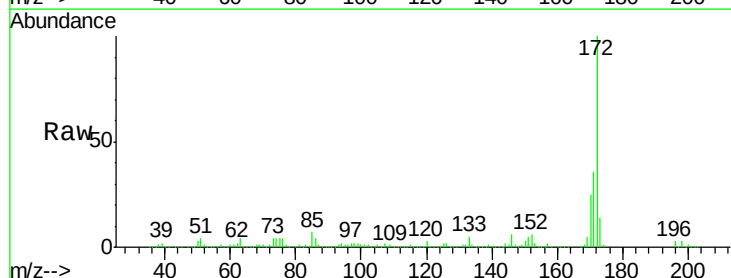
Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

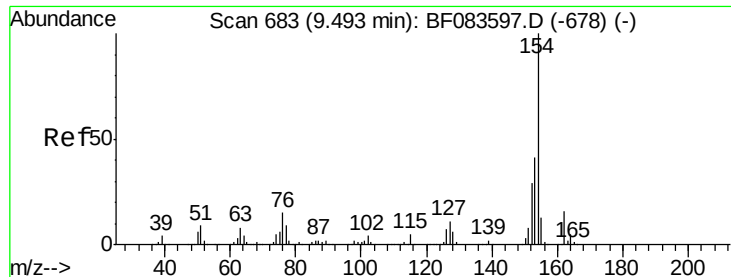
Tgt Ion	Resp	Lower	Upper
196	222814		
196	100		
198	95.6	77.7	116.5
97	51.2	41.2	61.8
132	29.3	21.8	32.8



#44
 2-Fluorobiphenyl
 Concen: 82.76 ng
 RT: 9.34 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion	Resp	Lower	Upper
172	1568131		
172	100		
171	36.3	28.6	42.8
170	24.5	19.4	29.0

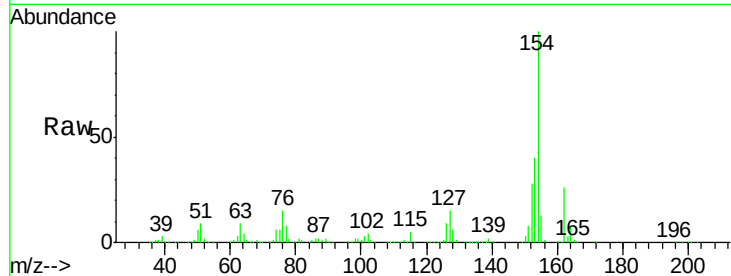




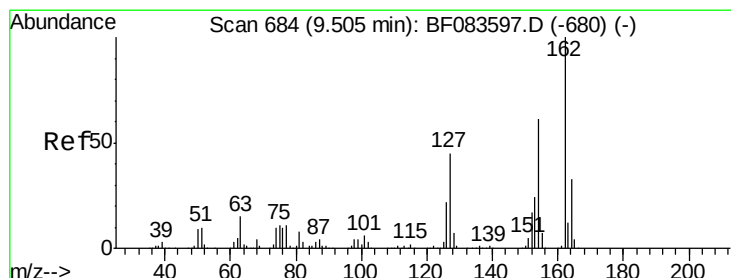
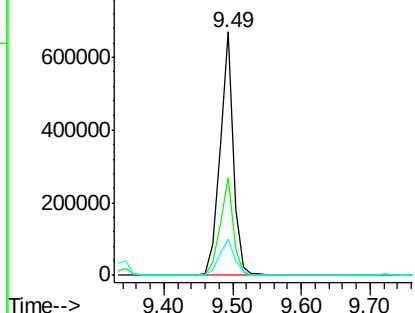
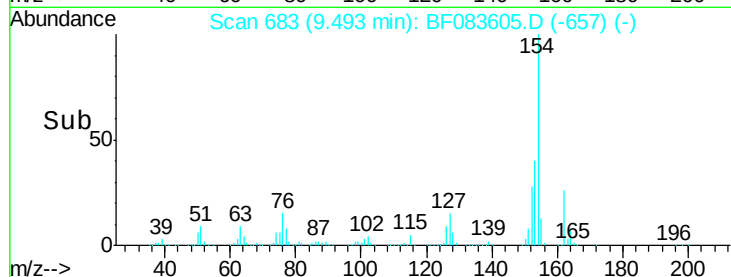
#45
 1,1'-Biphenyl
 Concen: 39.56 ng
 RT: 9.49 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tgt Ion:154 Resp: 916971
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.2 60.2
 76 15.1 0.0 34.8

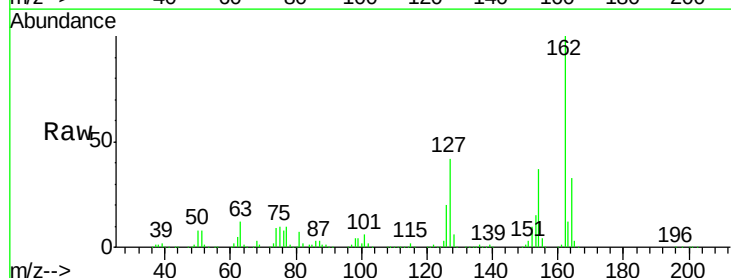


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

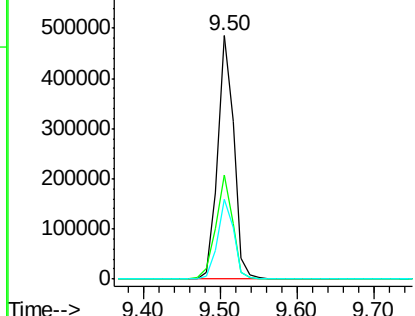
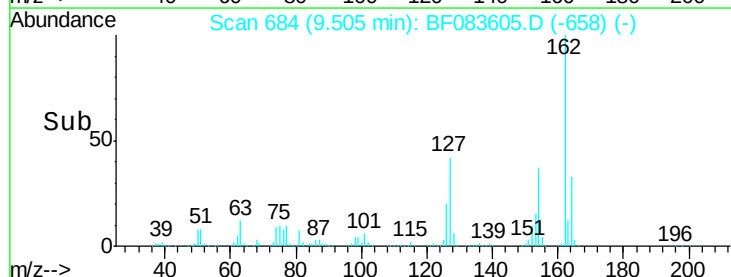


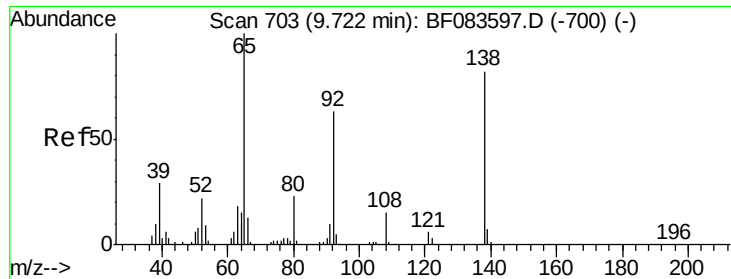
#46
 2-Chloronaphthalene
 Concen: 41.10 ng
 RT: 9.50 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion:162 Resp: 719324
 Ion Ratio Lower Upper
 162 100
 127 42.5 31.0 46.4
 164 32.8 27.4 41.0



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

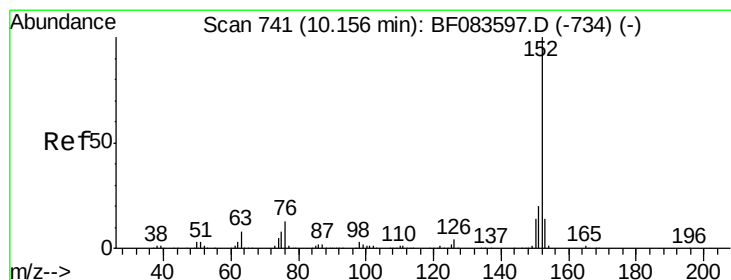
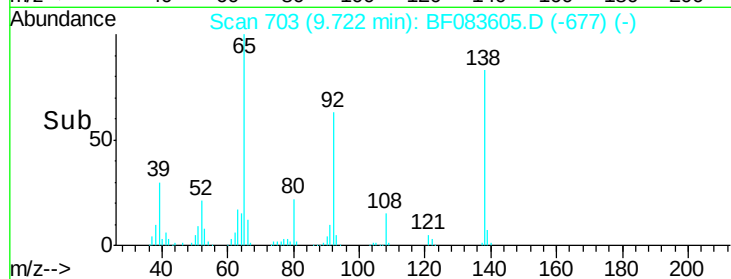
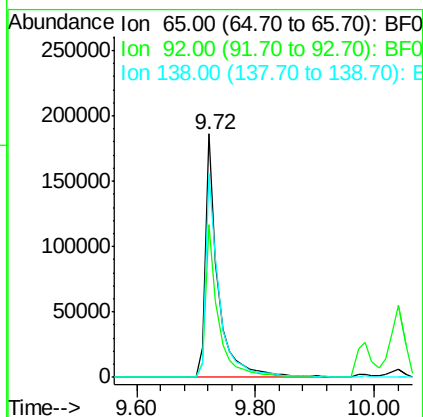
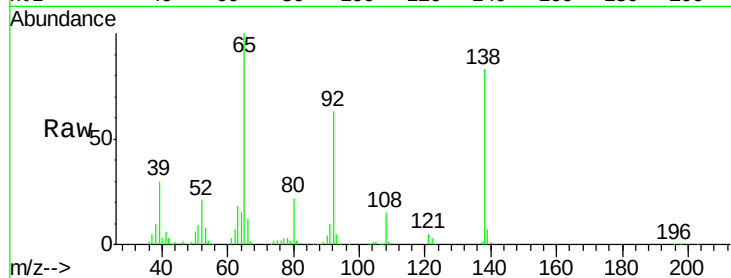




#47
2-Nitroaniline
Concen: 43.73 ng
RT: 9.72 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

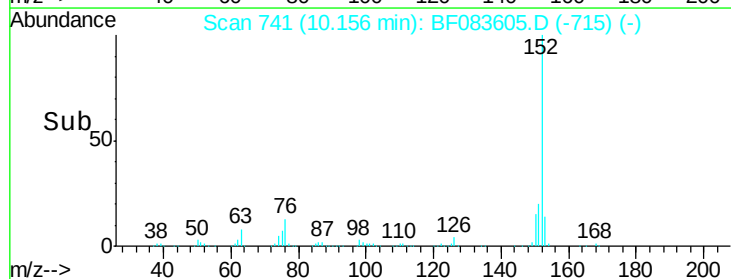
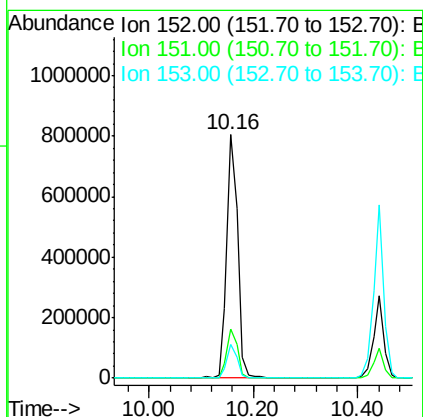
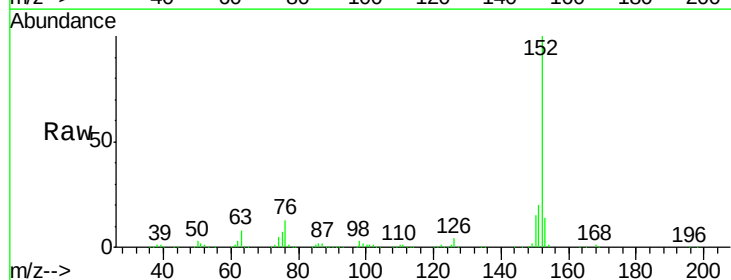
Instrument :
BNA_F
ClientSampleId :
PB87006BS

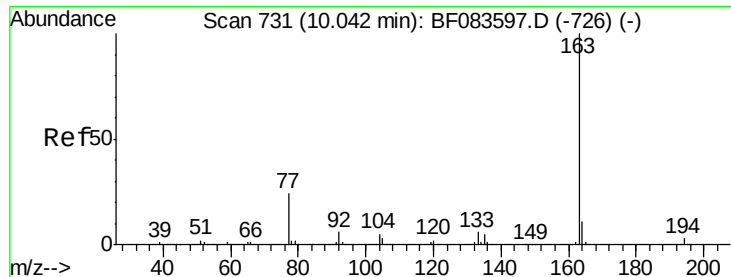
Tgt Ion: 65 Resp: 276001
Ion Ratio Lower Upper
65 100
92 62.9 49.6 74.4
138 83.5 64.1 96.1



#48
Acenaphthylene
Concen: 40.64 ng
RT: 10.16 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion: 152 Resp: 1172841
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.8 10.8 16.2

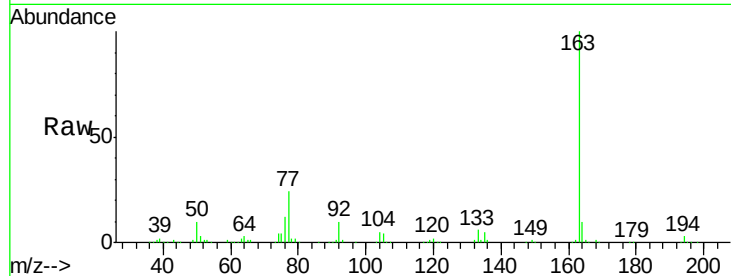




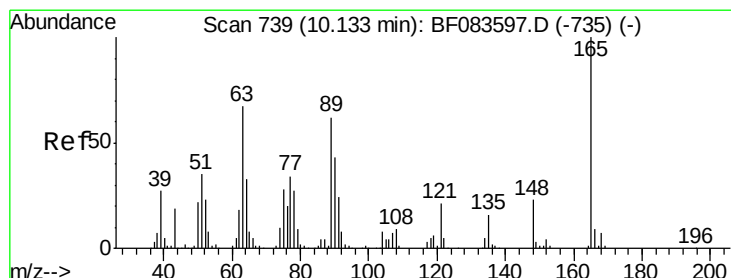
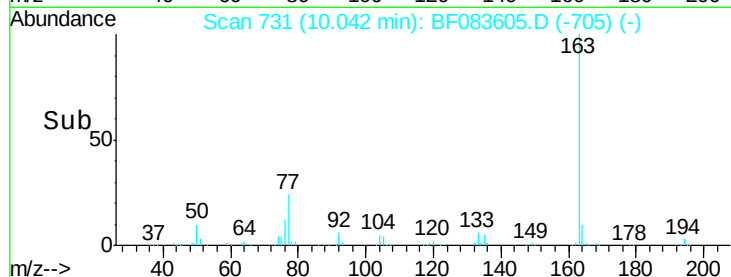
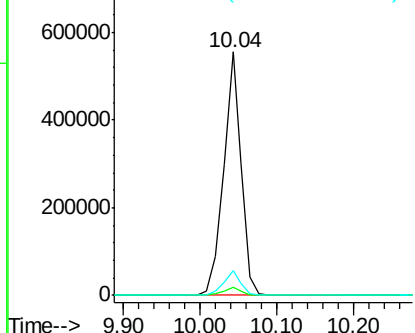
#49
Dimethylphthalate
Concen: 42.22 ng
RT: 10.04 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tgt Ion:163 Resp: 896347
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.2 8.6 13.0

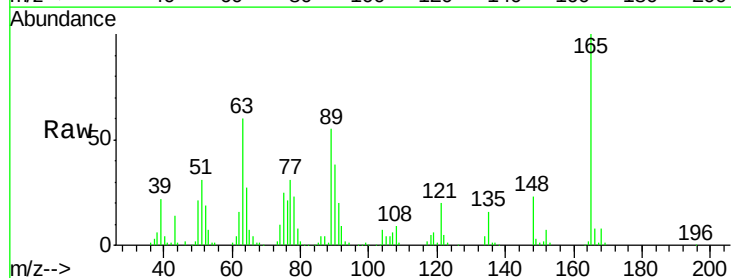


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

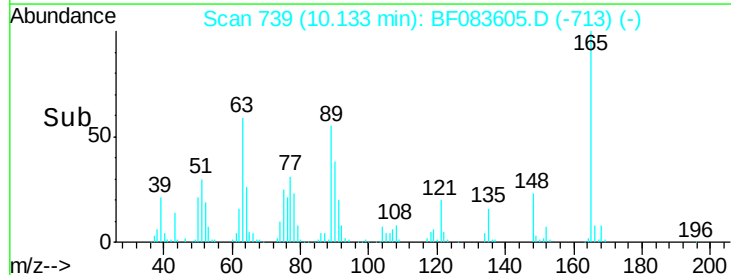
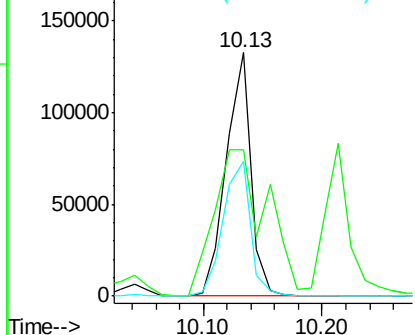


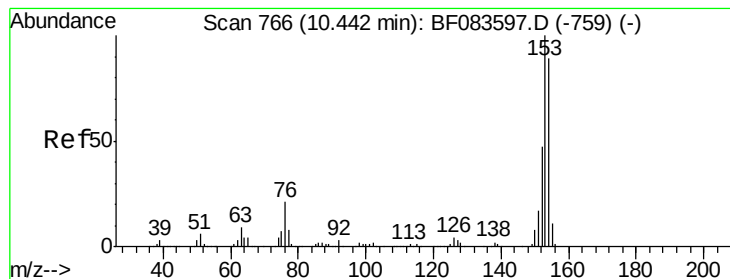
#50
2,6-Dinitrotoluene
Concen: 43.69 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:165 Resp: 191502
Ion Ratio Lower Upper
165 100
63 59.9 56.9 85.3
89 55.2 52.1 78.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.17 ng

RT: 10.44 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

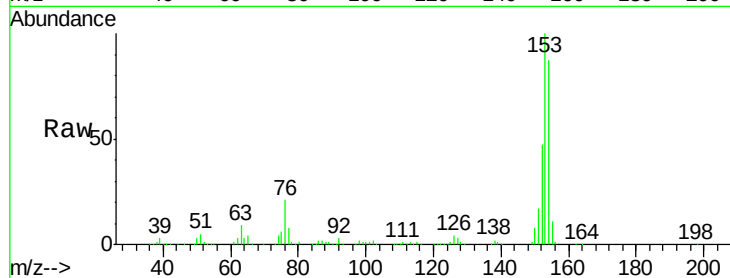
Tgt Ion:154 Resp: 680190

Ion Ratio Lower Upper

154 100

153 115.6 91.4 137.0

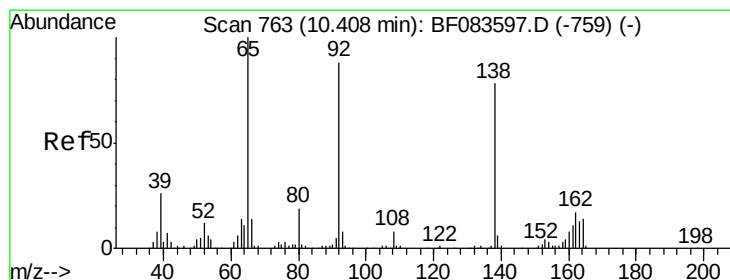
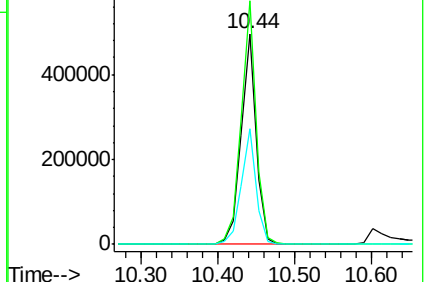
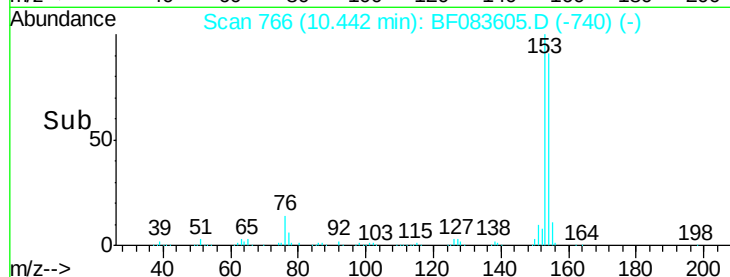
152 54.8 43.4 65.2



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: 23.49 ng

RT: 10.41 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

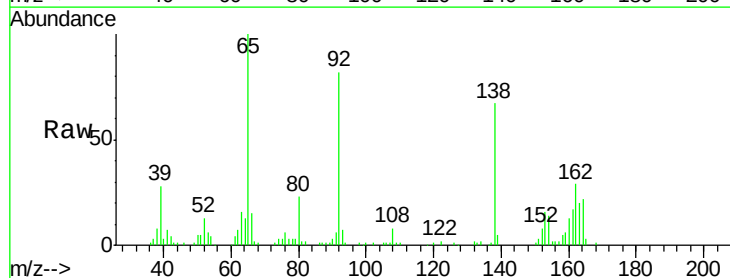
Tgt Ion:138 Resp: 109433

Ion Ratio Lower Upper

138 100

108 11.7 9.9 14.9

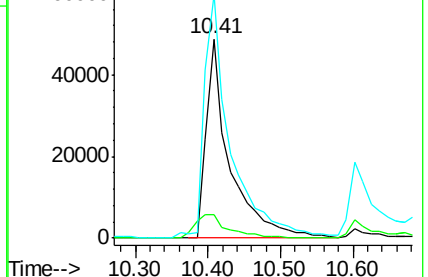
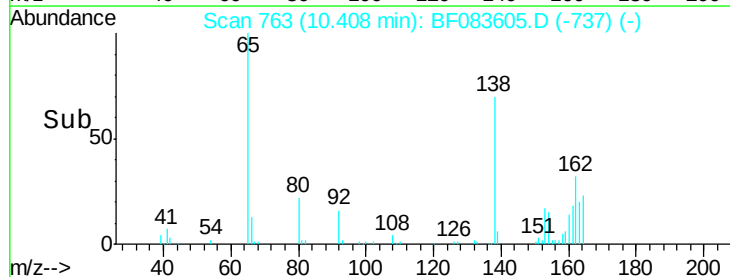
92 122.1 113.8 170.8

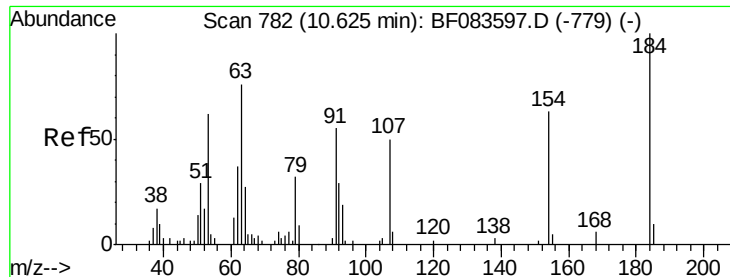


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

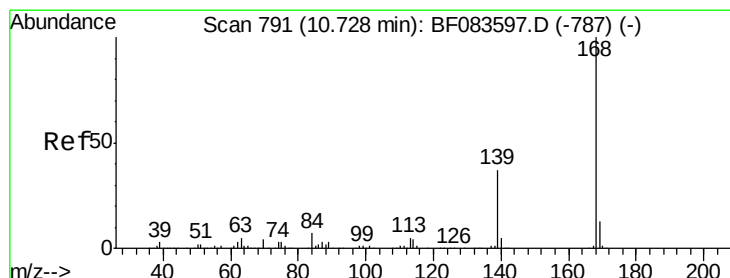
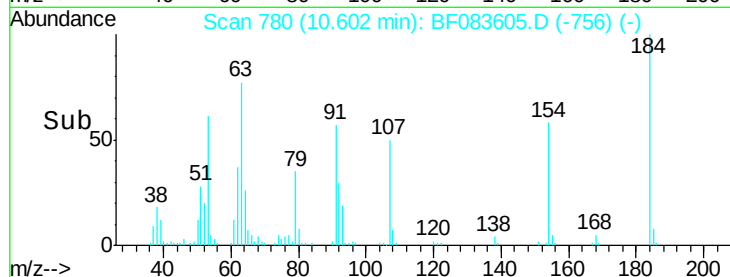
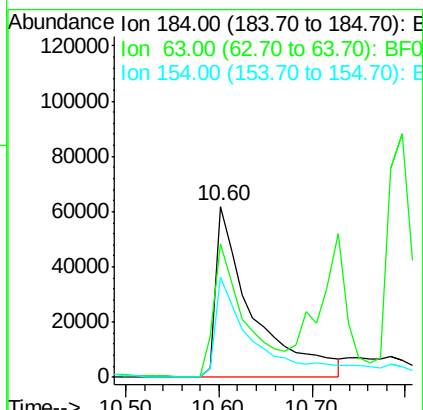
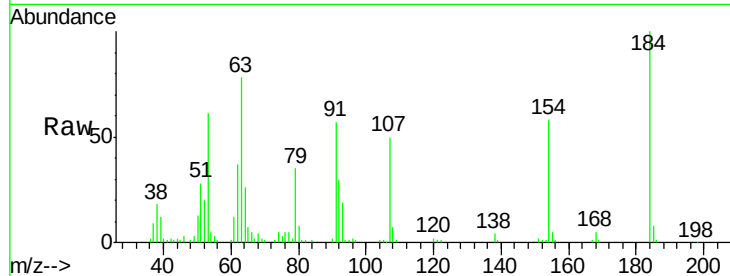




#53
2,4-Dinitrophenol
Concen: 77.90 ng
RT: 10.60 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

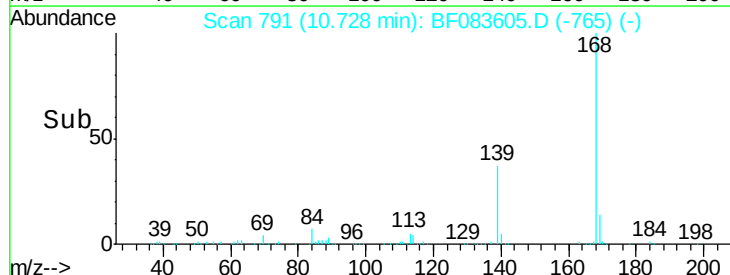
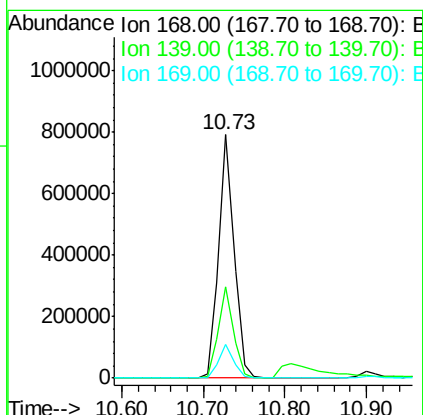
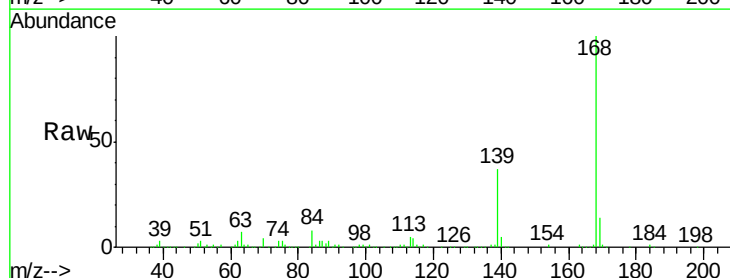
Instrument :
BNA_F
ClientSampleId :
PB87006BS

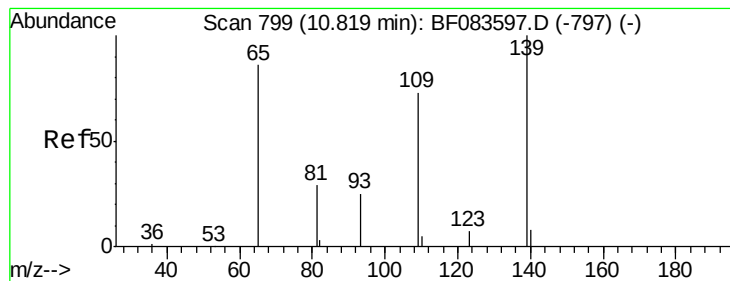
Tgt Ion:184 Resp: 168637
Ion Ratio Lower Upper
184 100
63 78.0 62.4 93.6
154 58.3 46.6 69.8



#54
Dibenzofuran
Concen: 45.51 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:168 Resp: 1042557
Ion Ratio Lower Upper
168 100
139 37.3 28.0 42.0
169 13.7 10.8 16.2





#55

4-Nitrophenol

Concen: 93.05 ng

RT: 10.81 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

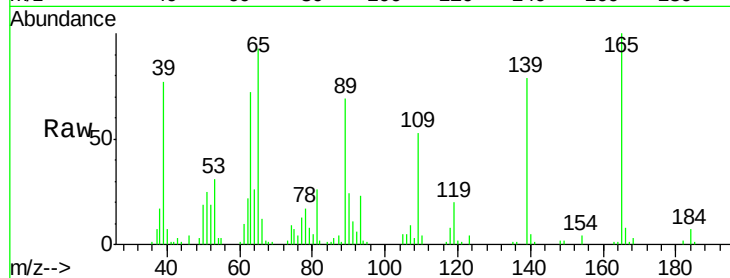
Tgt Ion:139 Resp: 190828

Ion Ratio Lower Upper

139 100

109 67.2 42.0 82.0

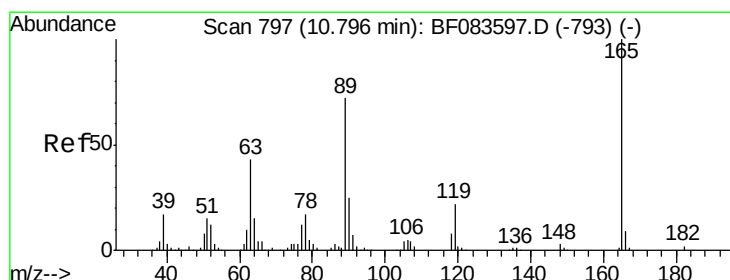
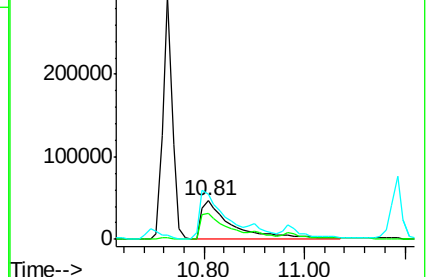
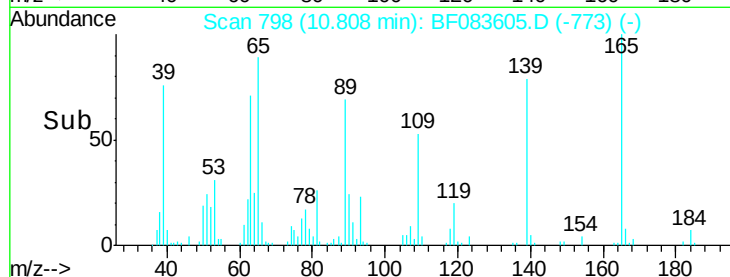
65 117.1 89.2 129.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.12 ng

RT: 10.80 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Tgt Ion:165 Resp: 262303

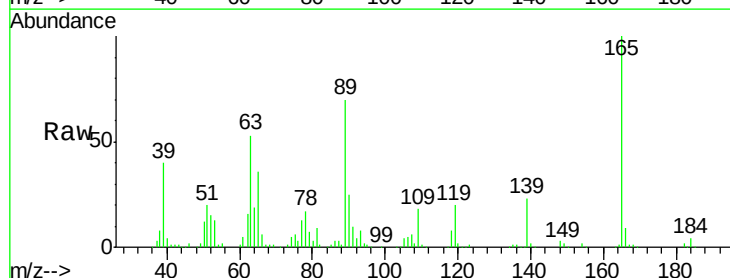
Ion Ratio Lower Upper

165 100

63 53.3 51.4 77.2

89 70.0 72.6 108.8#

182 2.2 1.4 2.0#

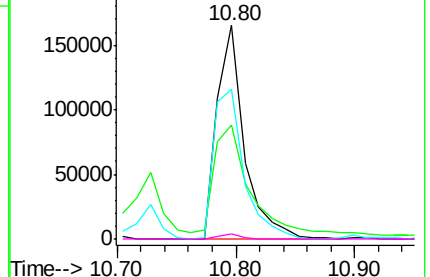
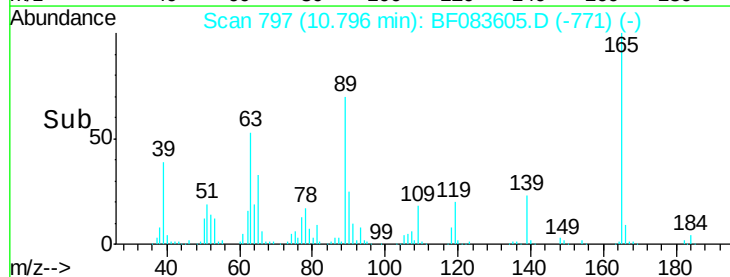


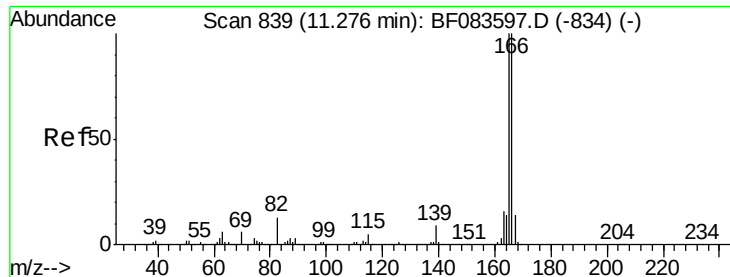
Abundance Ion 165.00 (164.70 to 165.70): E

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

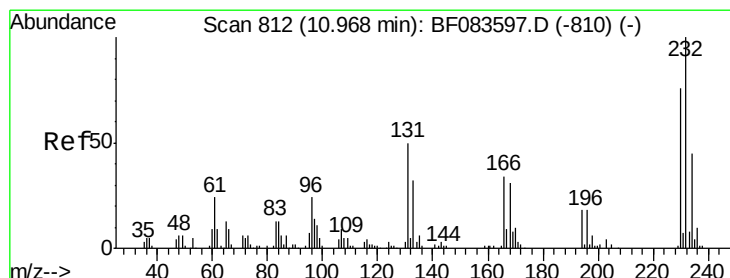
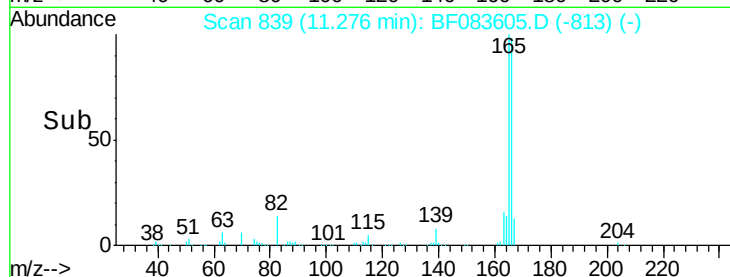
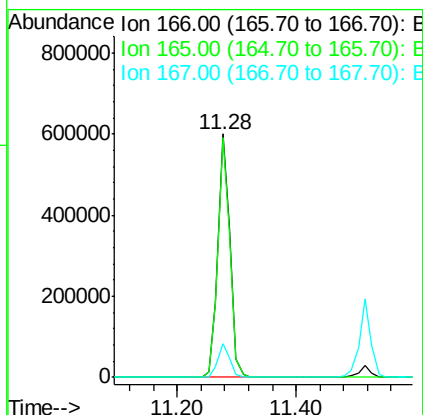
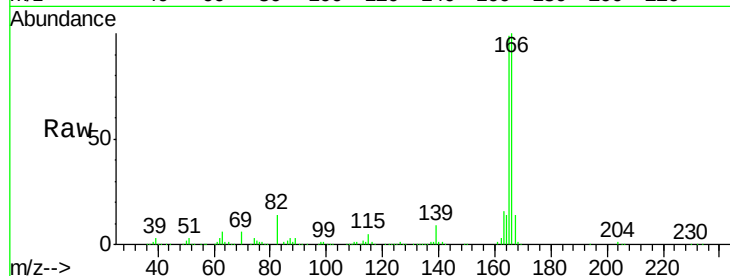




#57
 Fluorene
 Concen: 42.15 ng
 RT: 11.28 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

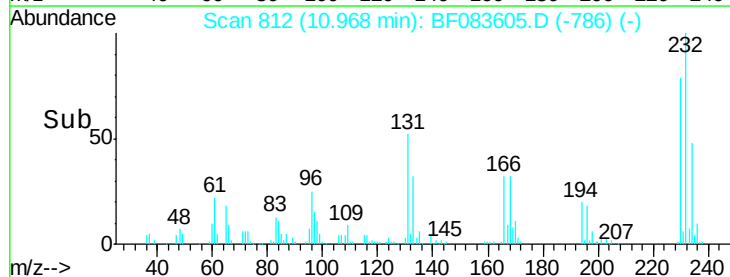
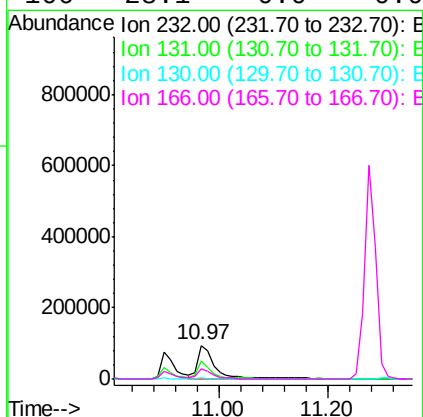
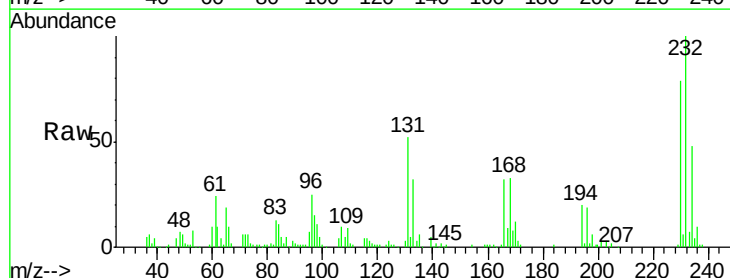
Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

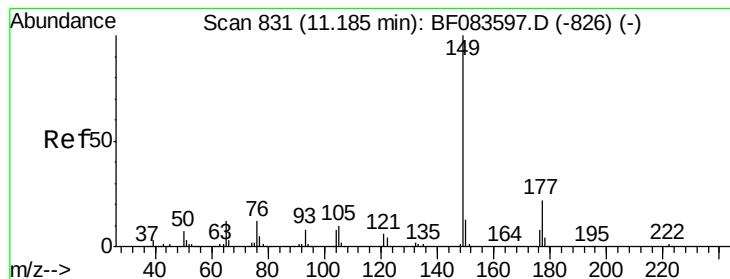
Tgt Ion:166 Resp: 842763
 Ion Ratio Lower Upper
 166 100
 165 98.6 80.0 120.0
 167 13.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.46 ng
 RT: 10.97 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion:232 Resp: 201405
 Ion Ratio Lower Upper
 232 100
 131 45.5 0.0 0.0#
 130 2.2 0.0 0.0#
 166 28.1 0.0 0.0#





#59

Diethylphthalate

Concen: 41.58 ng

RT: 11.18 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

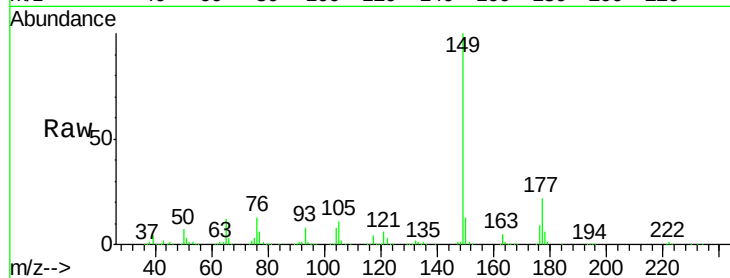
Tgt Ion:149 Resp: 858189

Ion Ratio Lower Upper

149 100

177 22.3 16.9 25.3

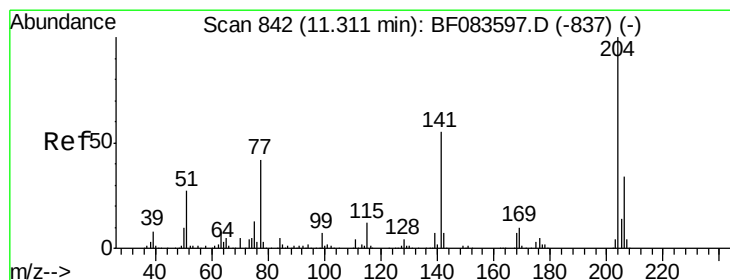
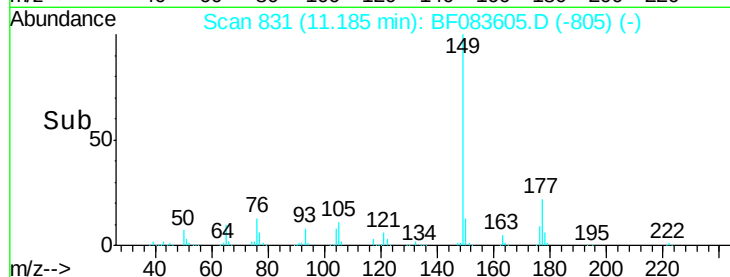
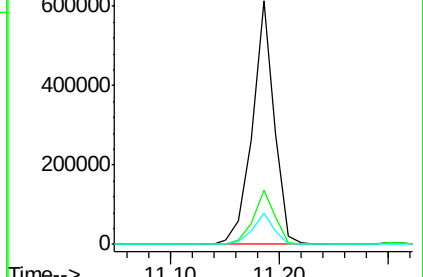
150 12.6 10.2 15.4



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: 42.48 ng

RT: 11.30 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

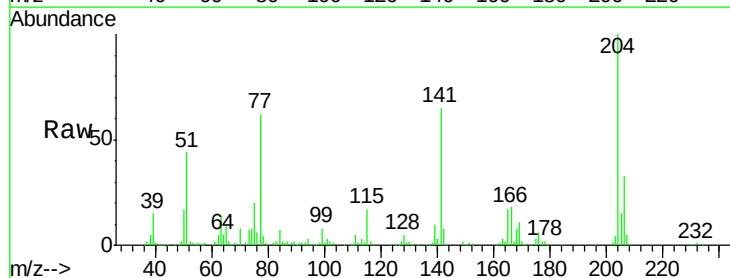
Tgt Ion:204 Resp: 404356

Ion Ratio Lower Upper

204 100

206 32.9 27.3 40.9

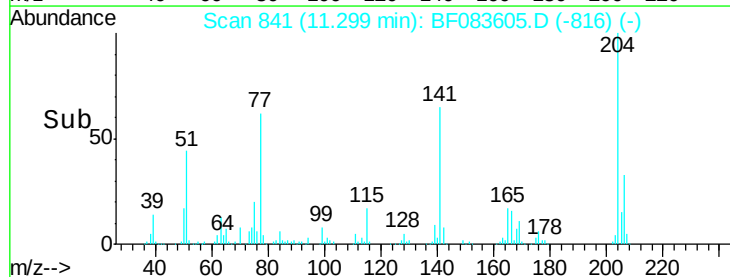
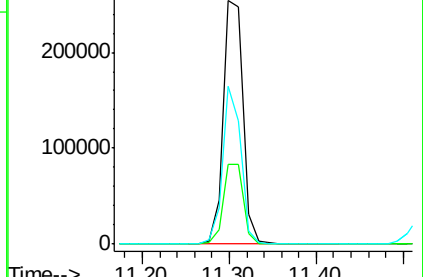
141 64.9 51.9 77.9

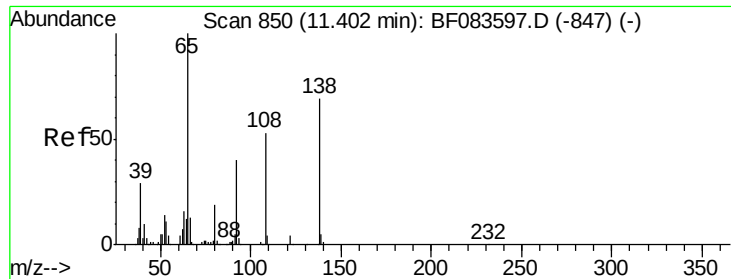


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

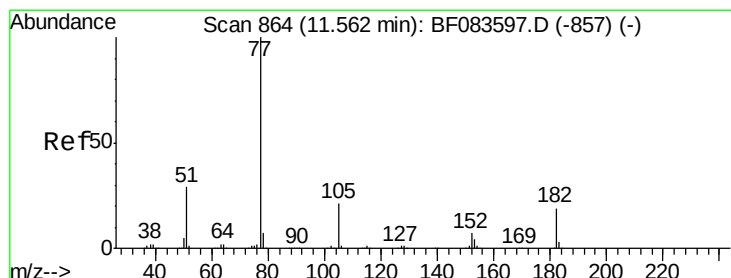
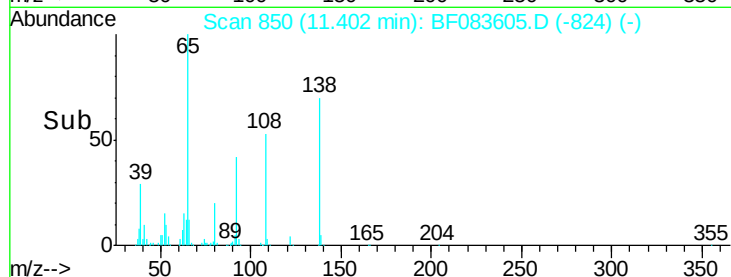
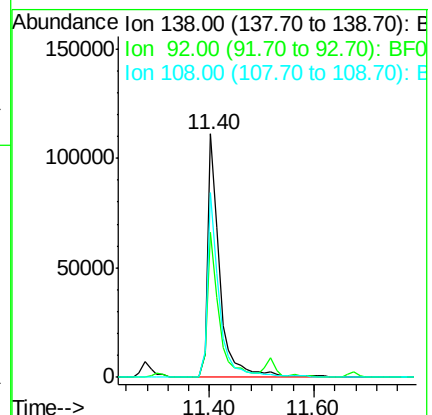
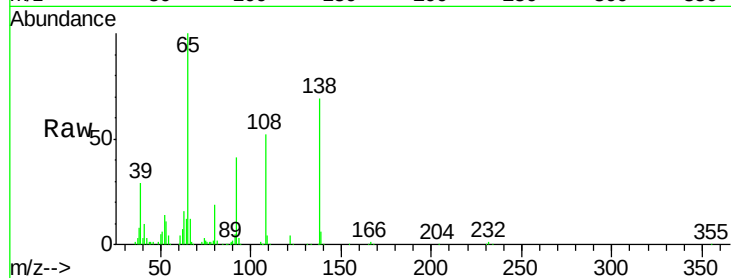




#61
4-Nitroaniline
Concen: 42.19 ng
RT: 11.40 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

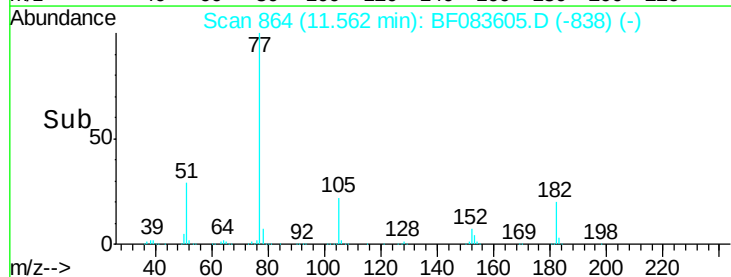
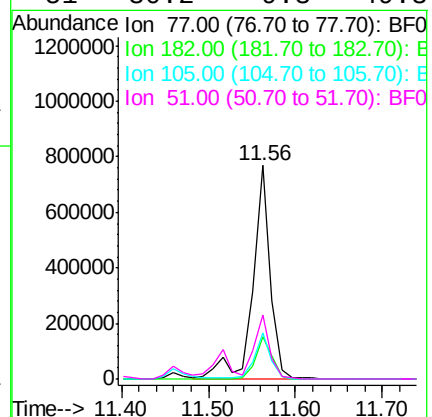
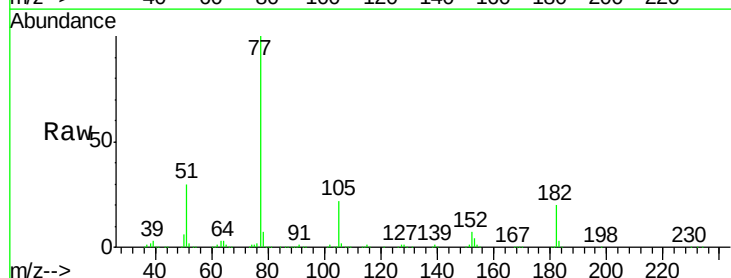
Instrument :
BNA_F
ClientSampleId :
PB87006BS

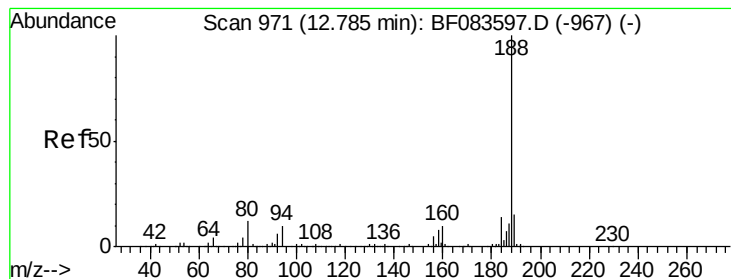
Tgt Ion:138 Resp: 178527
Ion Ratio Lower Upper
138 100
92 59.7 29.0 69.0
108 75.8 47.4 87.4



#62
Azobenzene
Concen: 47.72 ng
RT: 11.56 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion: 77 Resp: 1084076
Ion Ratio Lower Upper
77 100
182 19.8 2.5 42.5
105 21.7 2.1 42.1
51 30.2 9.3 49.3





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.79 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampled :

PB87006BS

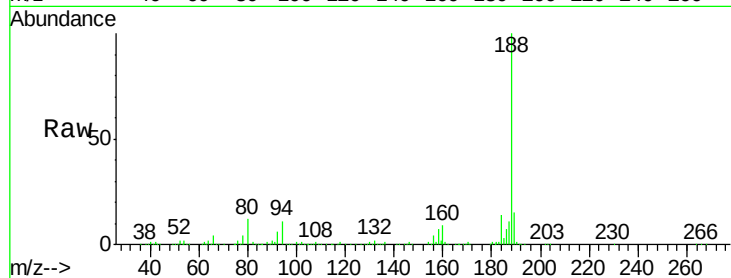
Tgt Ion:188 Resp: 509454

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

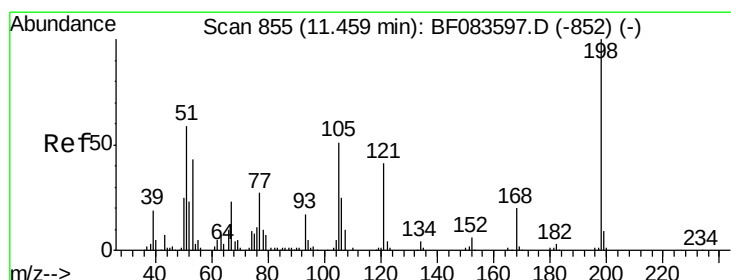
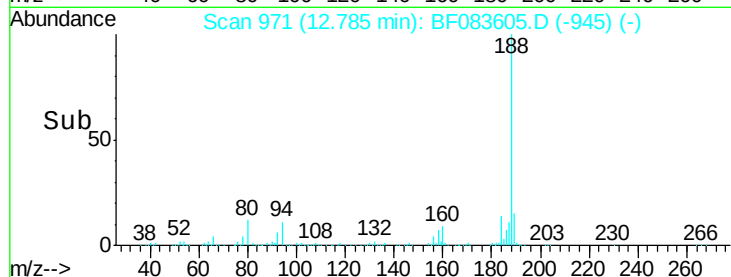
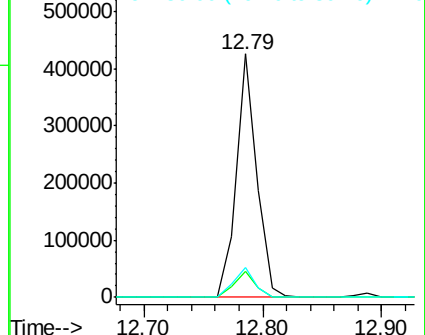
80 12.4 10.6 16.0



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: 39.28 ng

RT: 11.46 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

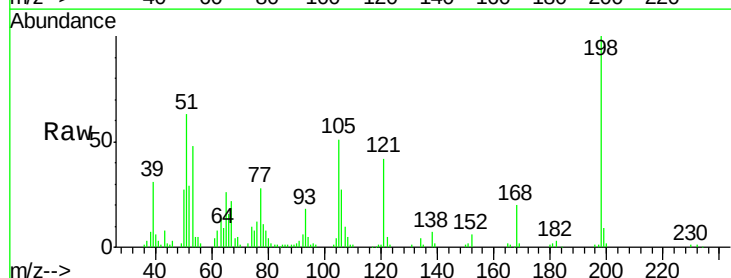
Tgt Ion:198 Resp: 135057

Ion Ratio Lower Upper

198 100

51 62.6 53.8 93.8

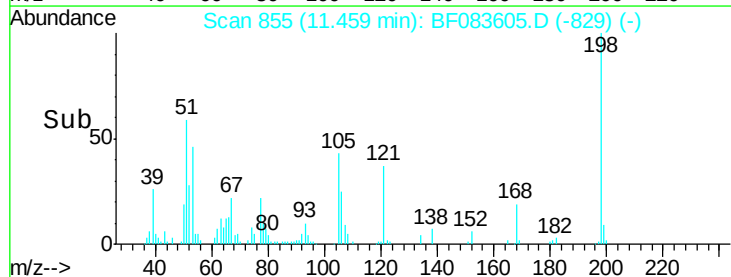
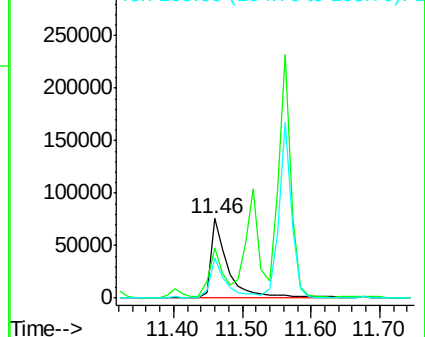
105 51.3 38.6 78.6

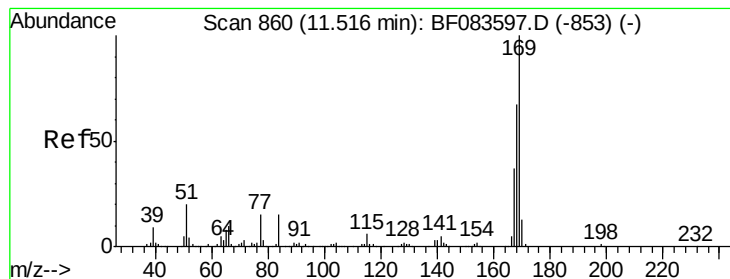


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.59 ng

RT: 11.52 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

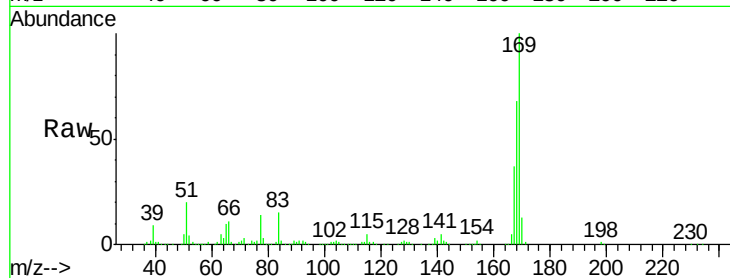
Tgt Ion:169 Resp: 716065

Ion Ratio Lower Upper

169 100

168 67.7 53.0 79.6

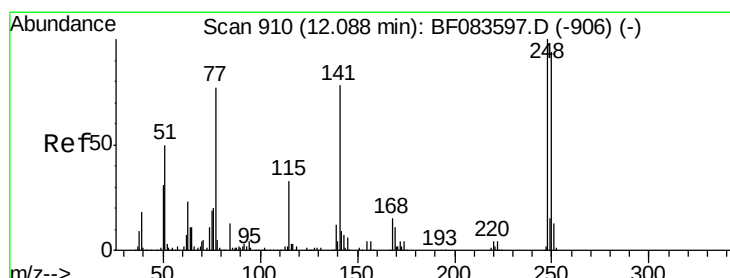
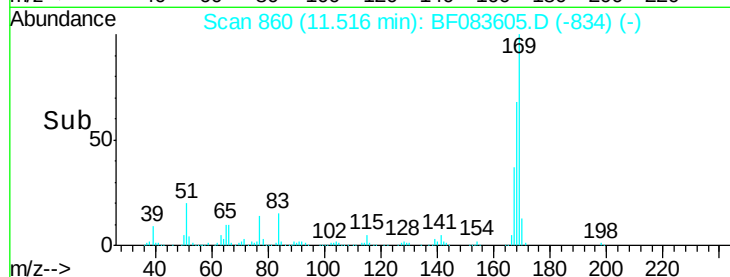
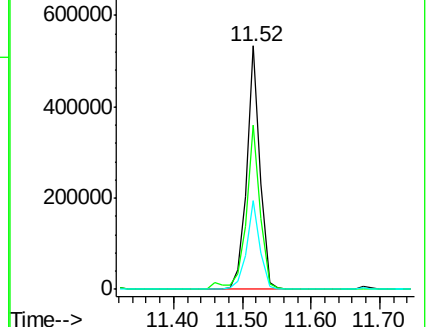
167 36.6 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.01 ng

RT: 12.09 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

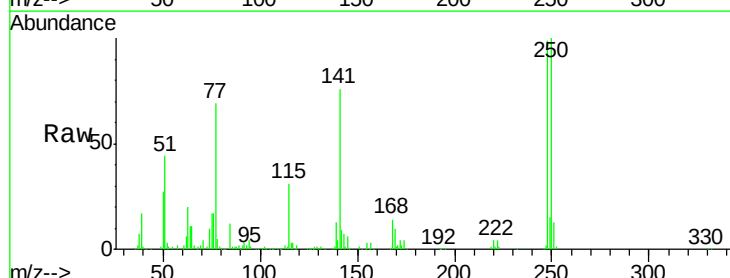
Tgt Ion:248 Resp: 227336

Ion Ratio Lower Upper

248 100

250 101.4 79.2 118.8

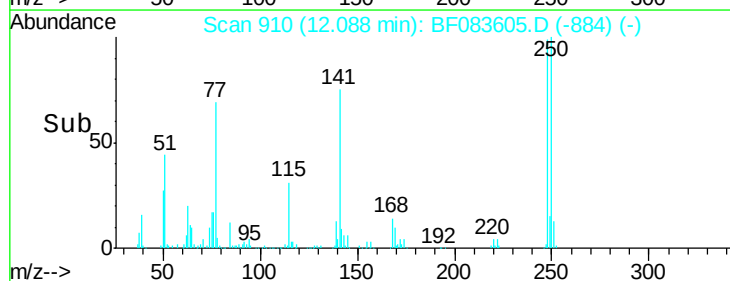
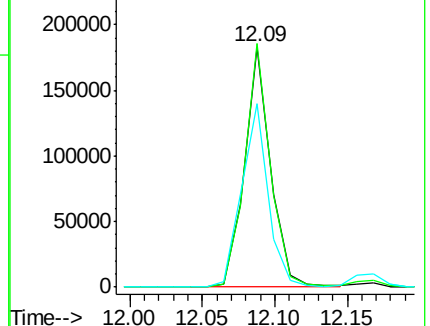
141 76.6 58.2 87.4

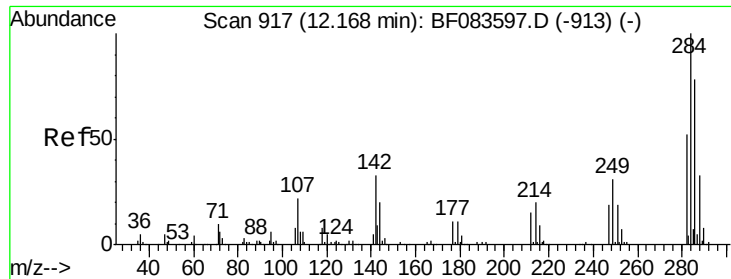


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

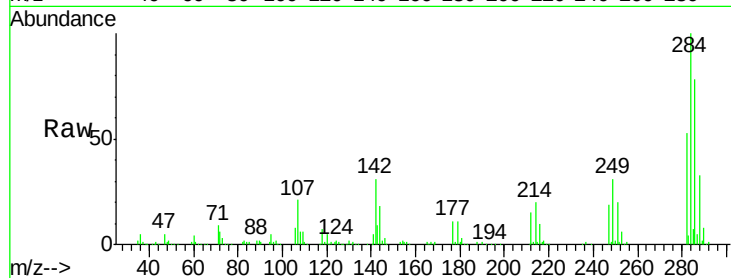




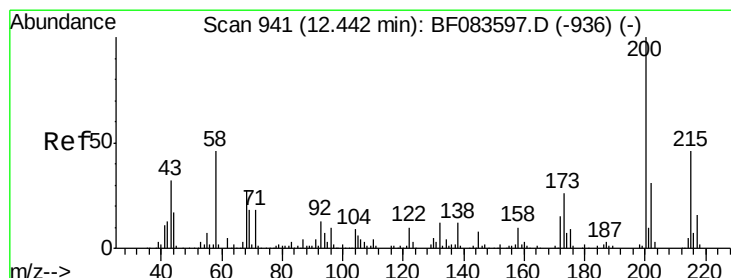
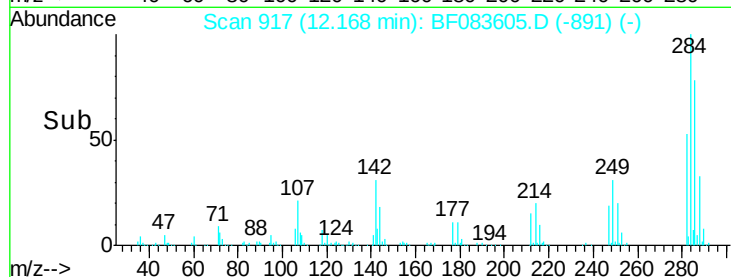
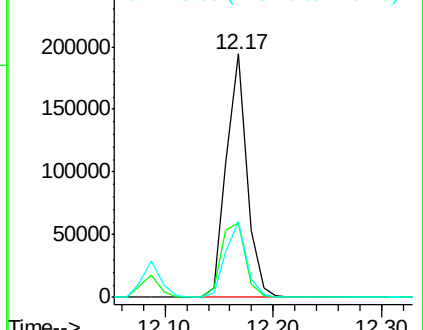
#67
Hexachlorobenzene
Concen: 42.47 ng
RT: 12.17 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB87006BS

Tgt Ion:284 Resp: 256031
Ion Ratio Lower Upper
284 100
142 30.6 31.0 46.4#
249 31.0 26.9 40.3

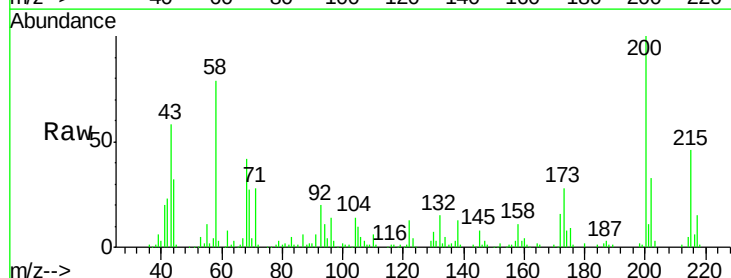


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

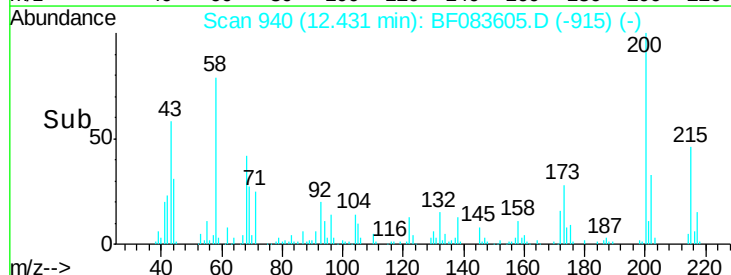
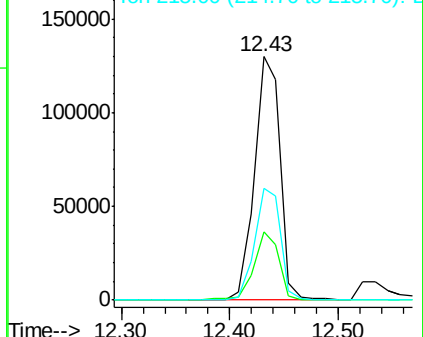


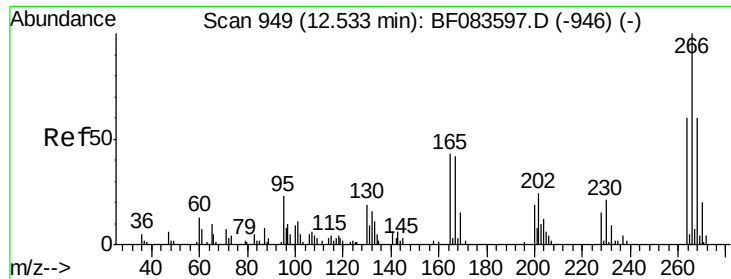
#68
Atrazine
Concen: 42.41 ng
RT: 12.43 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:200 Resp: 212177
Ion Ratio Lower Upper
200 100
173 27.9 7.8 47.8
215 45.7 25.7 65.7



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

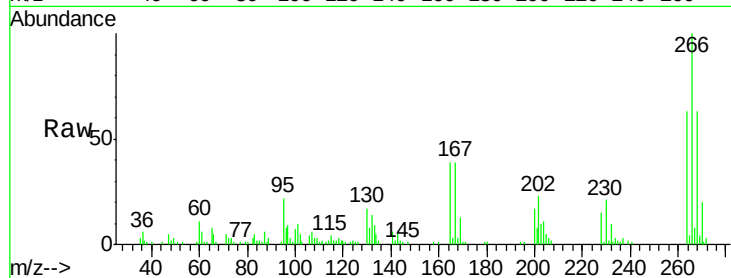




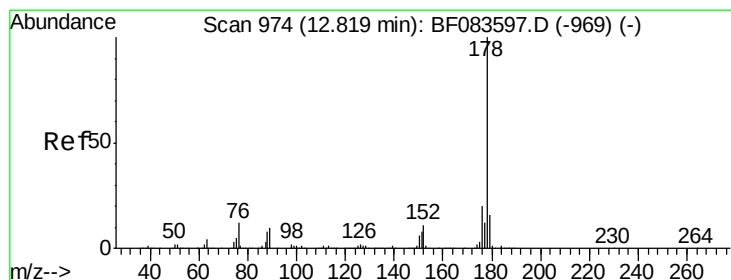
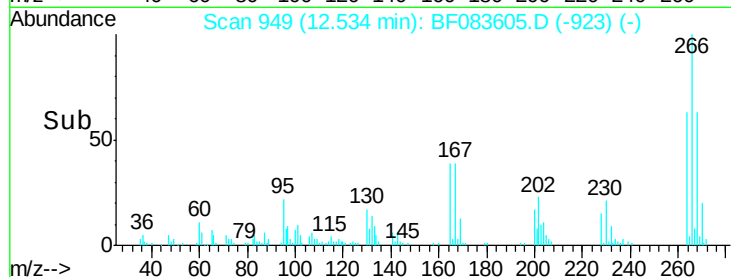
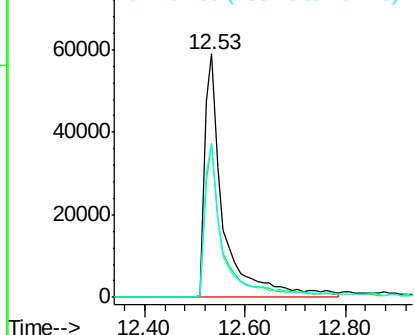
#69
 Pentachlorophenol
 Concen: 91.34 ng
 RT: 12.53 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tgt Ion:266 Resp: 152369
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.2 75.2
 264 62.6 51.4 77.2

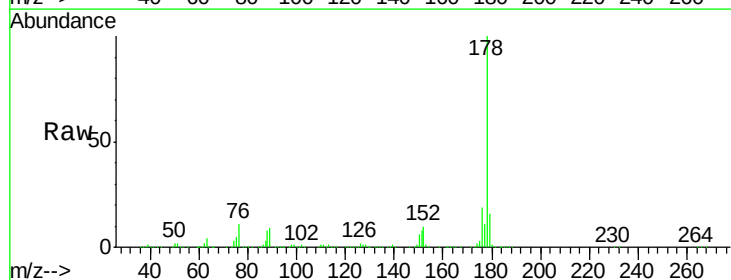


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

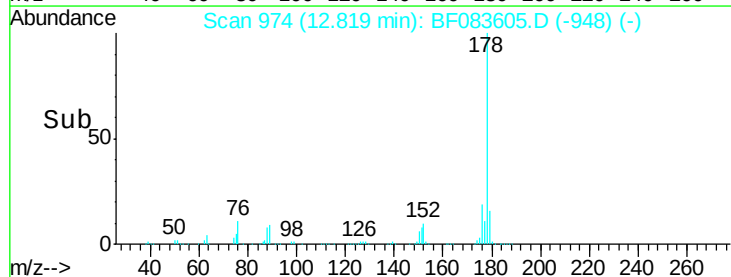
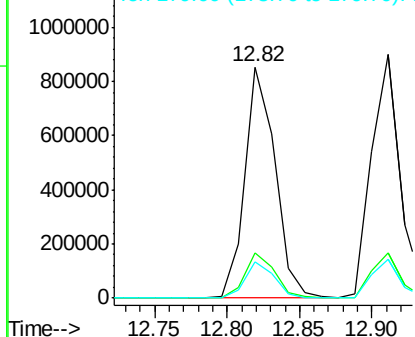


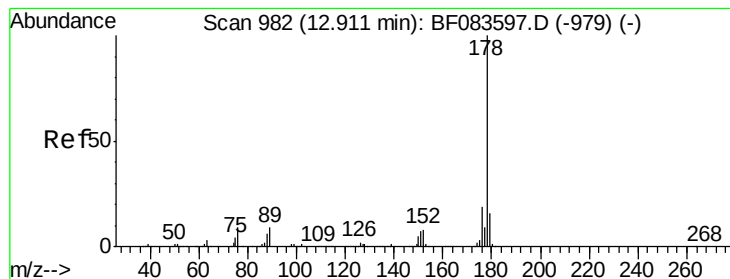
#70
 Phenanthrene
 Concen: 42.42 ng
 RT: 12.82 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion:178 Resp: 1241567
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.7 23.5
 179 15.7 12.2 18.4



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: 42.62 ng

RT: 12.91 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

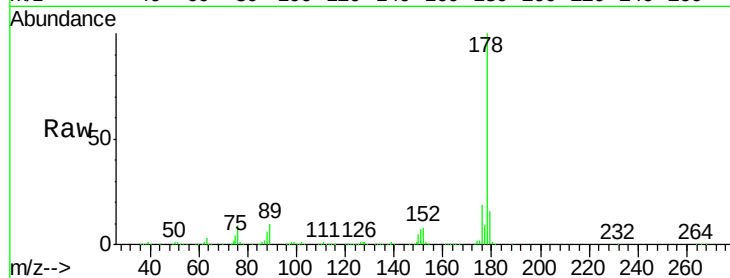
Tgt Ion:178 Resp: 1292461

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

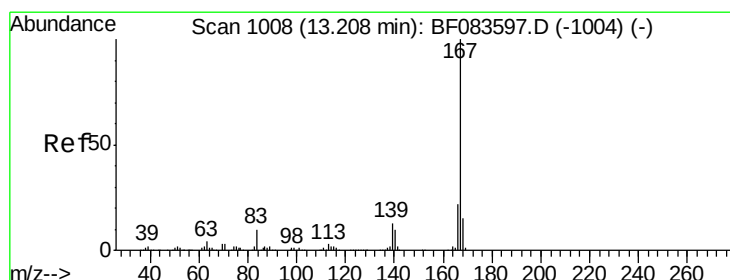
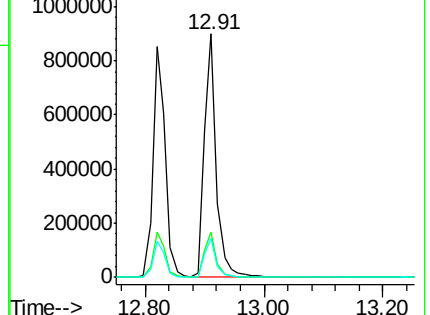
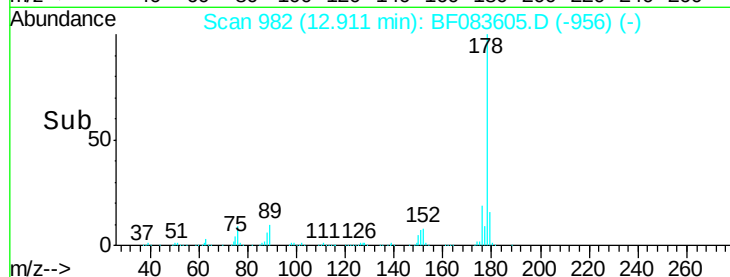
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.69 ng

RT: 13.21 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

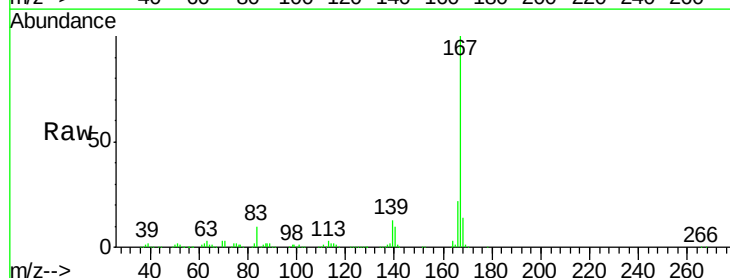
Tgt Ion:167 Resp: 1136043

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

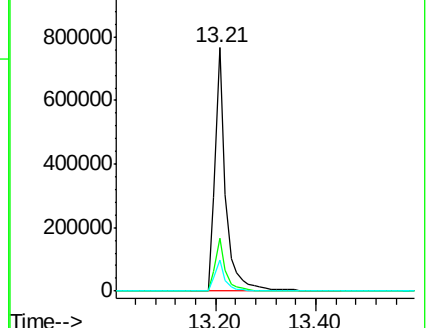
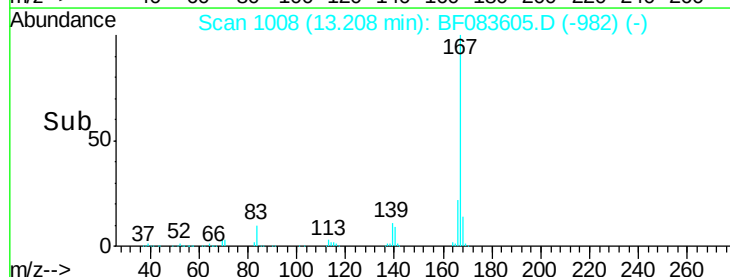
139 12.7 9.3 13.9

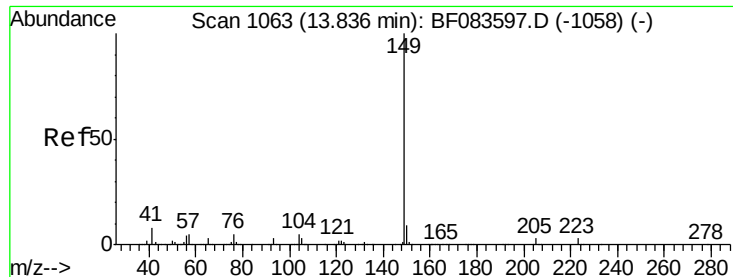


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.59 ng

RT: 13.84 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

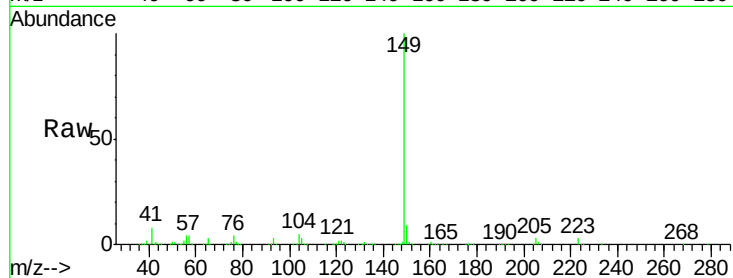
Tgt Ion:149 Resp: 1425578

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

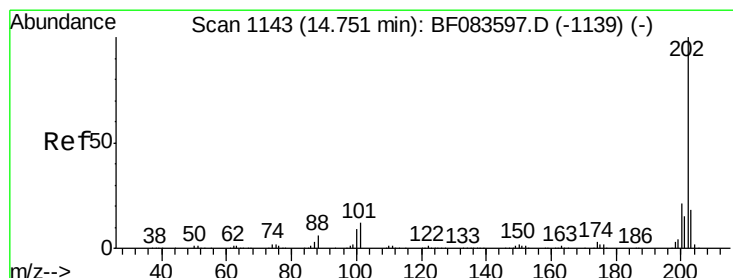
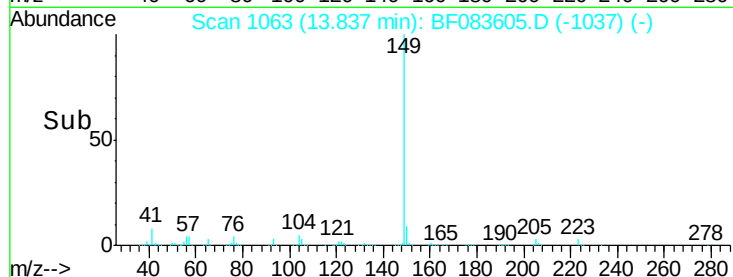
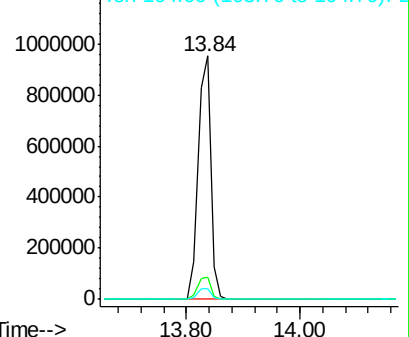
104 4.6 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.69 ng

RT: 14.75 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

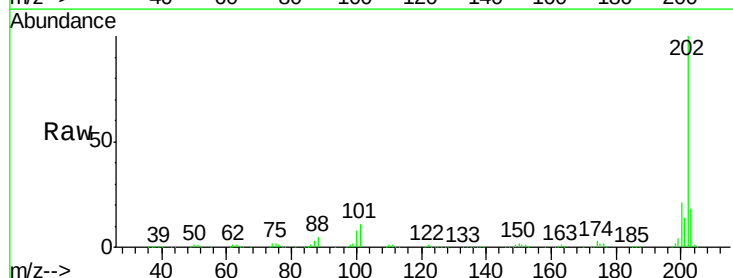
Tgt Ion:202 Resp: 1278439

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.5

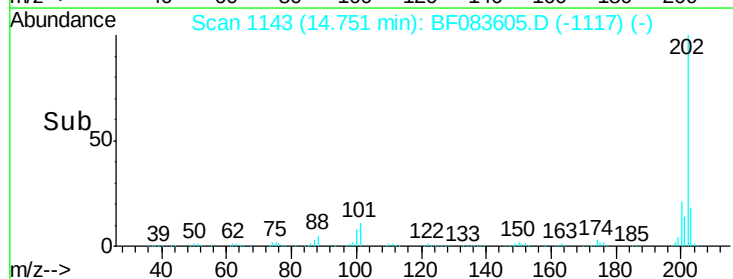
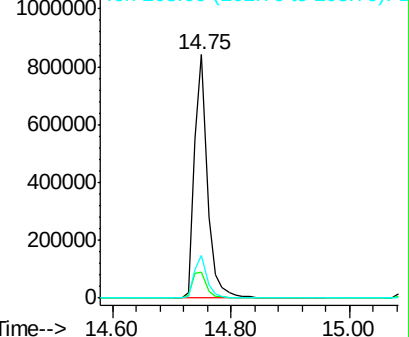
203 17.7 0.0 37.6

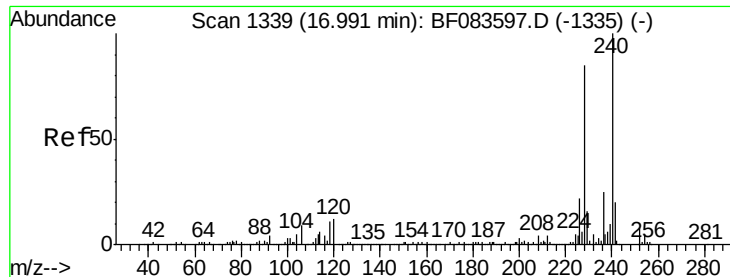


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.99 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

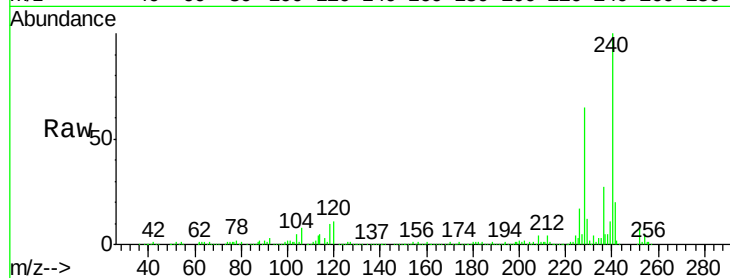
Tgt Ion:240 Resp: 423257

Ion Ratio Lower Upper

240 100

120 10.9 8.1 12.1

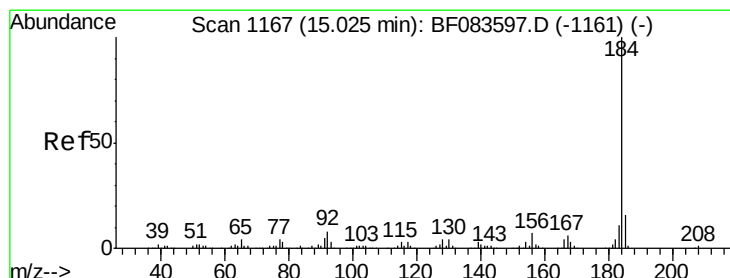
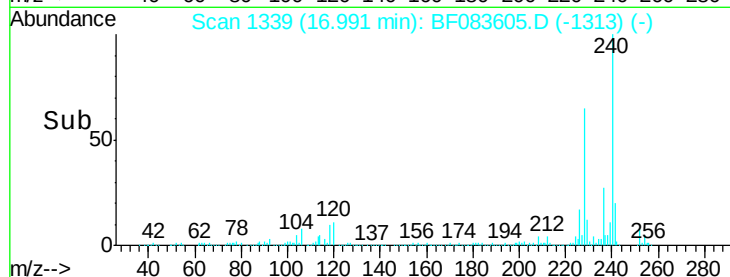
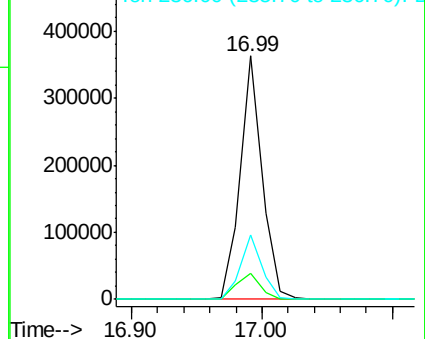
236 26.5 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.81 ng

RT: 15.04 min Scan# 1168

Delta R.T. 0.01 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

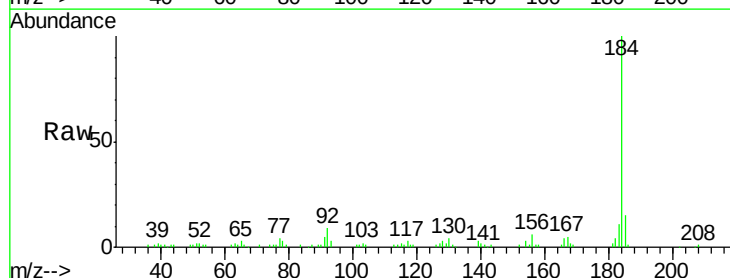
Tgt Ion:184 Resp: 208182

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

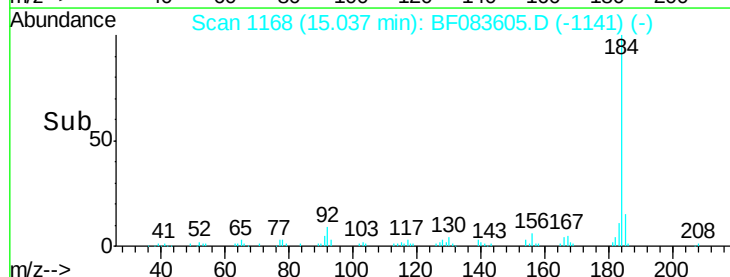
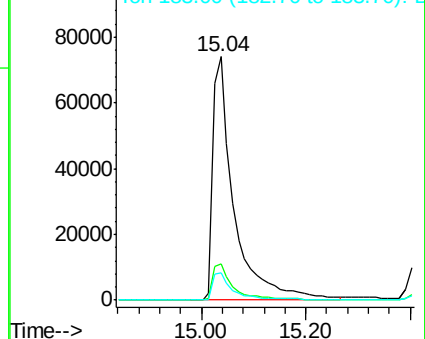
183 11.1 9.0 13.4

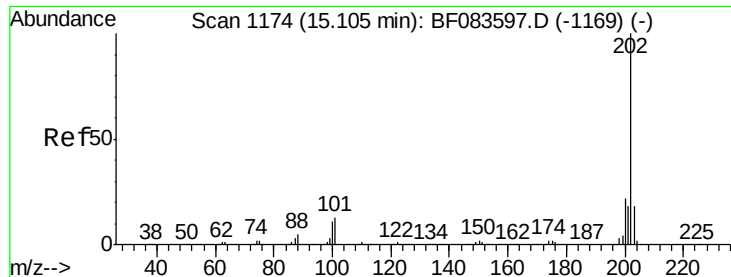


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

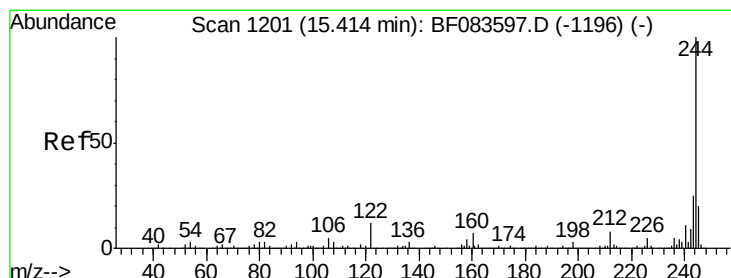
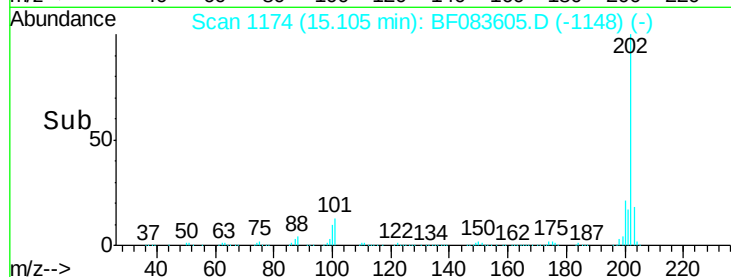
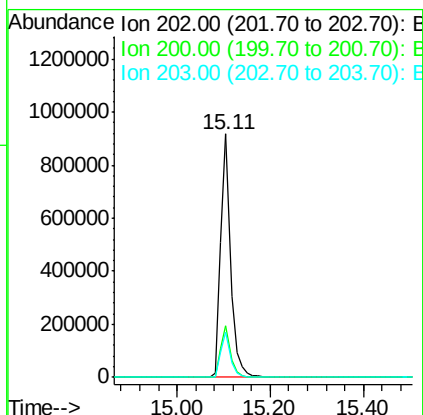
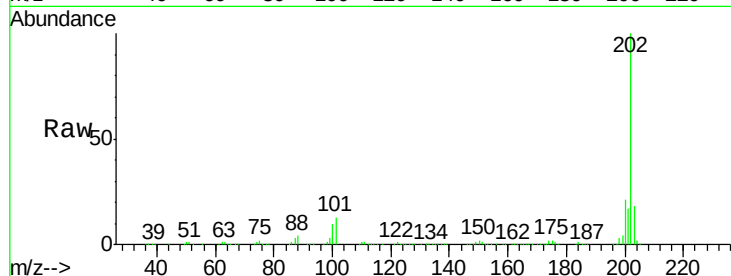




#77
 Pyrene
 Concen: 43.34 ng
 RT: 15.11 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

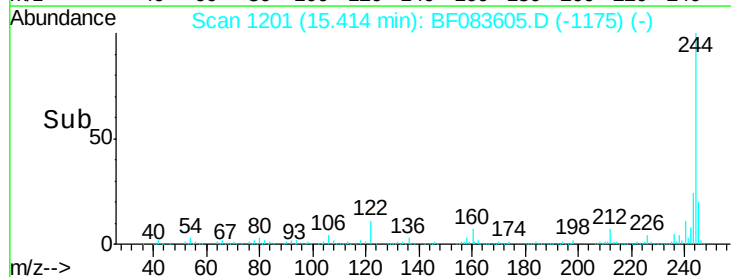
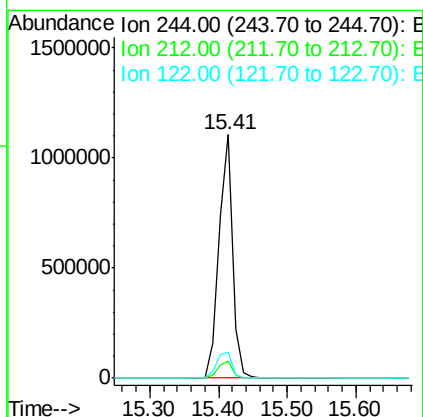
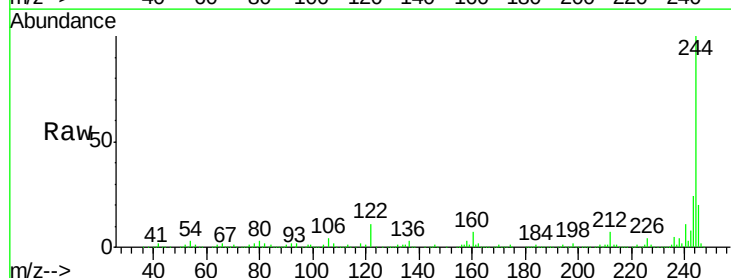
Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

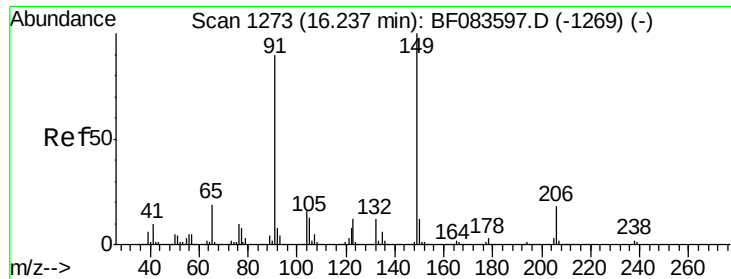
Tgt Ion: 202 Resp: 1320721
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.7 25.1
 203 18.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 86.92 ng
 RT: 15.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion: 244 Resp: 1563621
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.8 11.0 16.6#

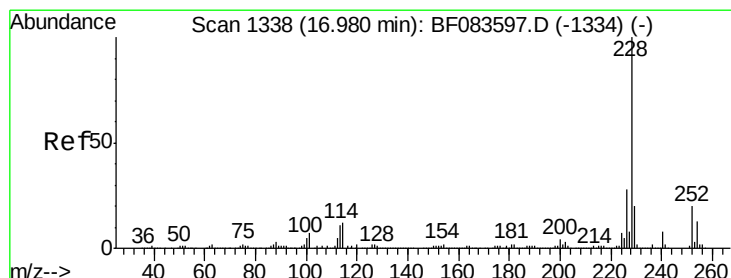
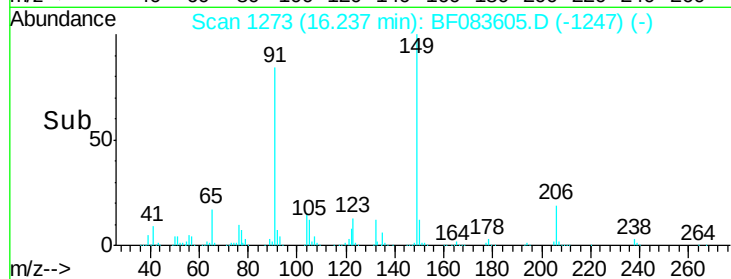
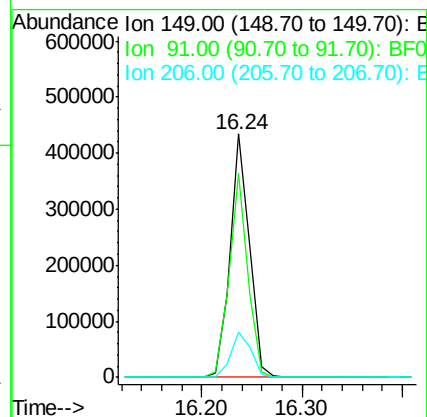
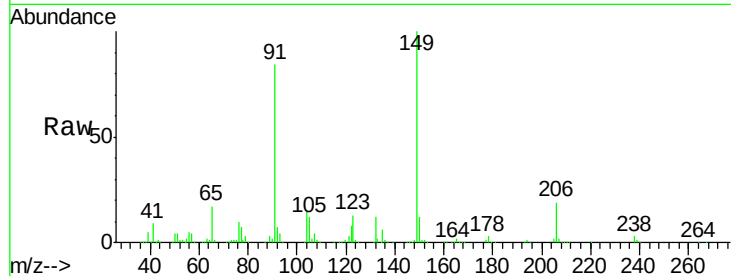




#79
Butylbenzylphthalate
Concen: 42.62 ng
RT: 16.24 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

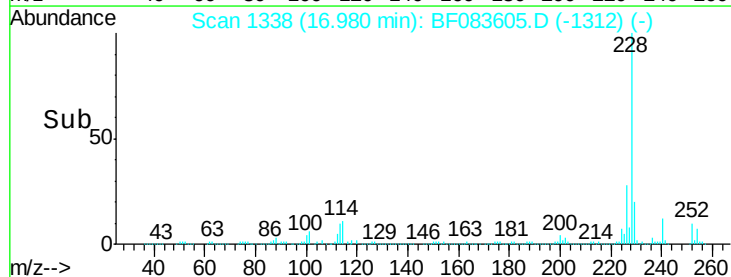
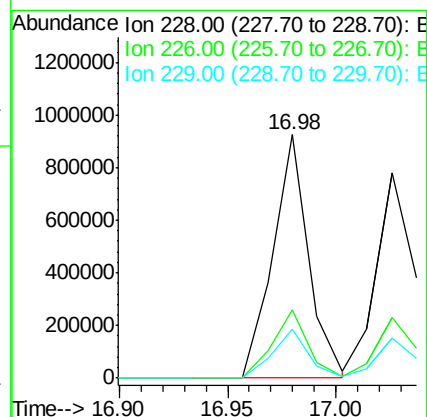
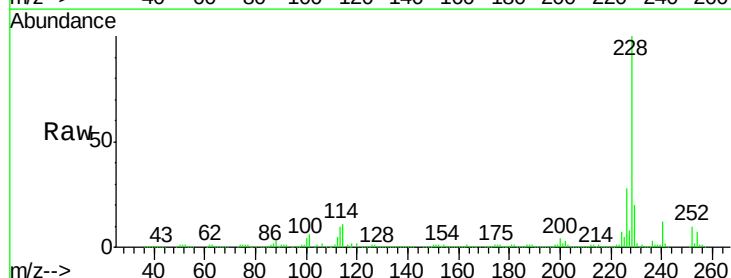
Instrument :
BNA_F
ClientSampleId :
PB87006BS

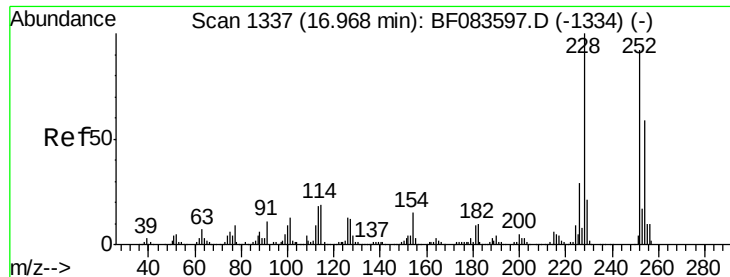
Tgt Ion:149 Resp: 576440
Ion Ratio Lower Upper
149 100
91 84.0 60.0 90.0
206 18.8 16.2 24.4



#80
Benzo(a)anthracene
Concen: 42.82 ng
RT: 16.98 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion:228 Resp: 1060785
Ion Ratio Lower Upper
228 100
226 27.9 22.3 33.5
229 20.3 15.7 23.5

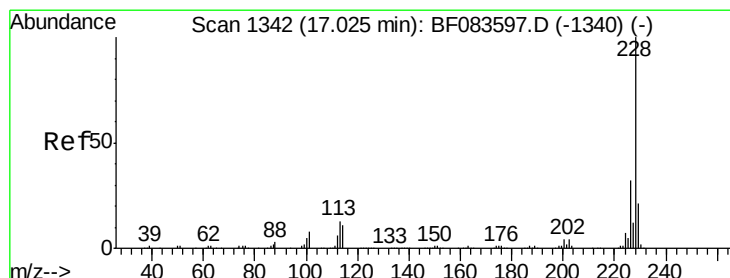
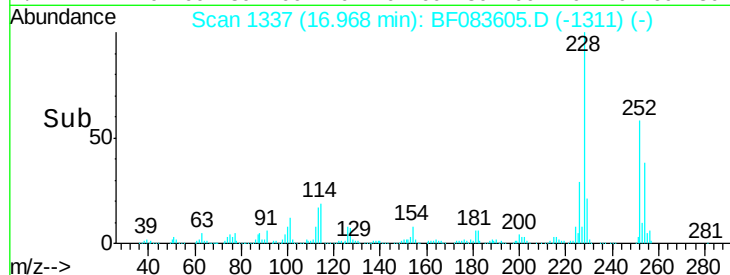
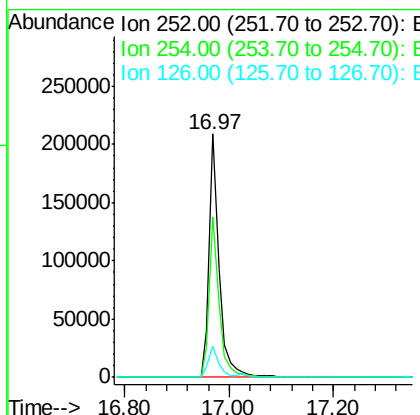
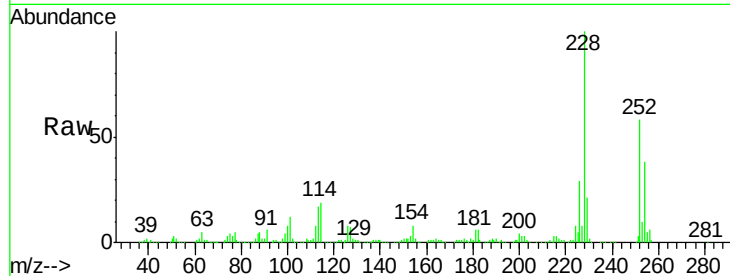




#81
 3,3'-Dichlorobenzidine
 Concen: 33.22 ng
 RT: 16.97 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

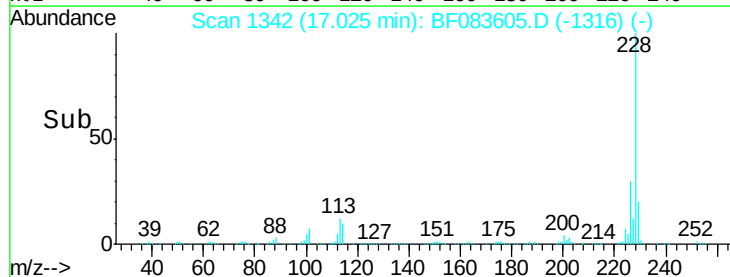
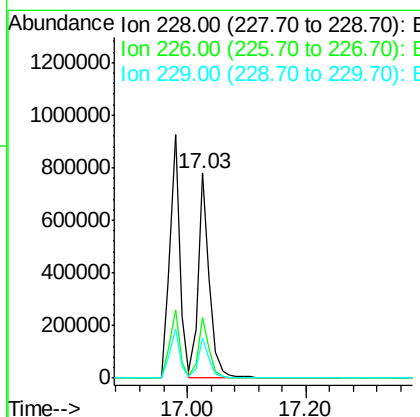
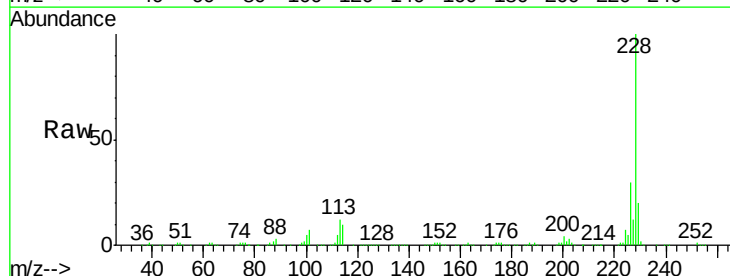
Instrument :
 BNA_F
 ClientSampled :
 PB87006BS

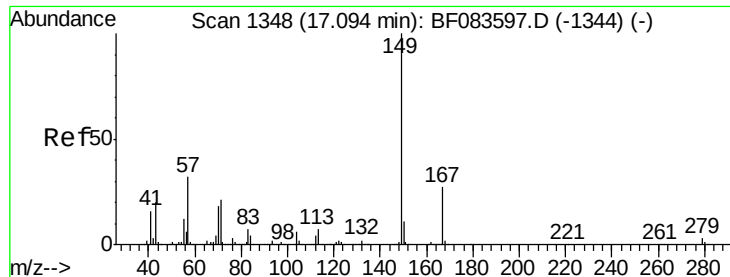
Tgt Ion: 252 Resp: 277991
 Ion Ratio Lower Upper
 252 100
 254 65.8 50.6 76.0
 126 13.0 11.0 16.4



#82
 Chrysene
 Concen: 41.82 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion: 228 Resp: 1038543
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.7 37.1
 229 19.9 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.59 ng

RT: 17.09 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

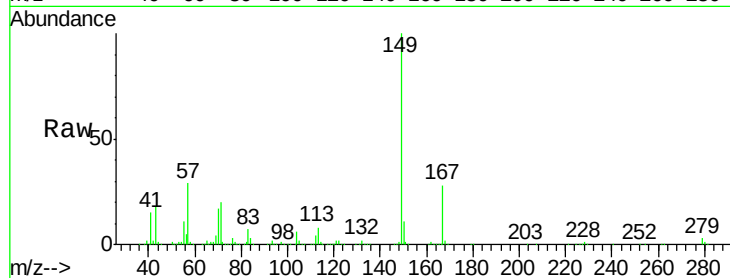
Tgt Ion:149 Resp: 818374

Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

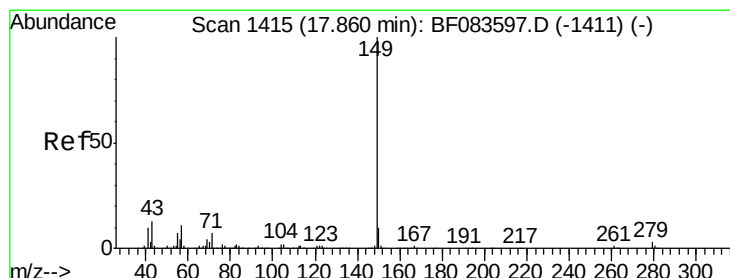
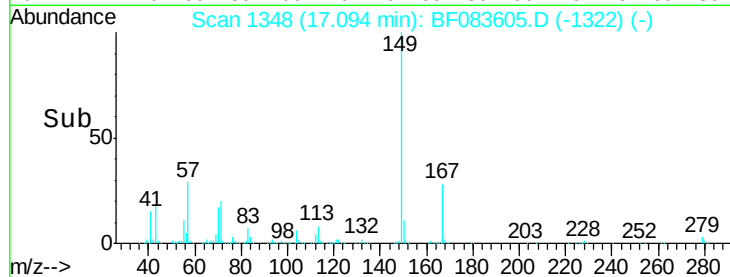
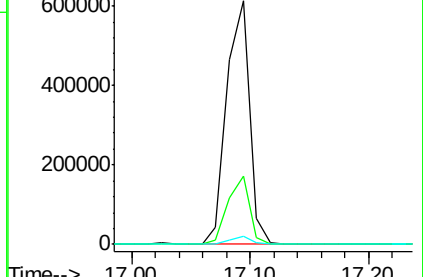
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.74 ng

RT: 17.86 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

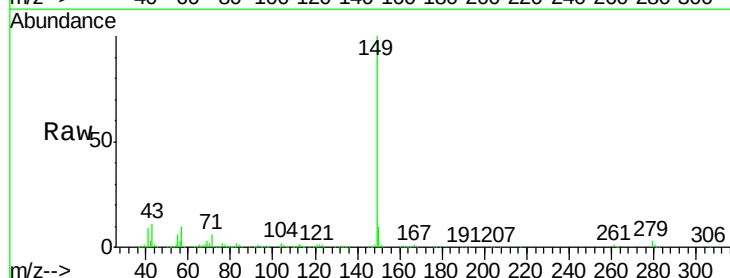
Tgt Ion:149 Resp: 1283321

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

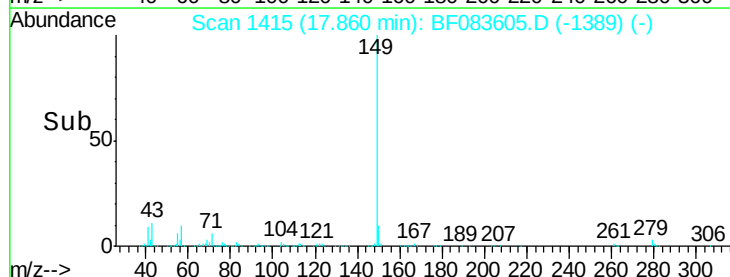
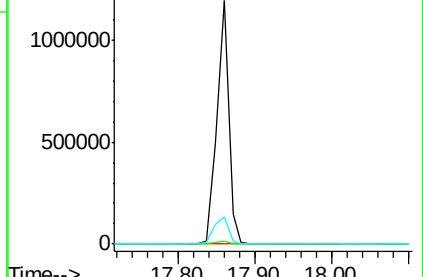
43 13.4 0.0 0.0#

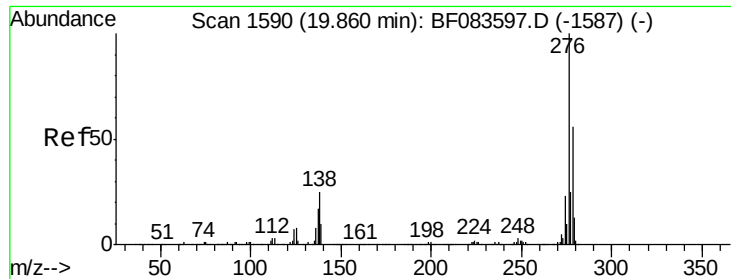


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

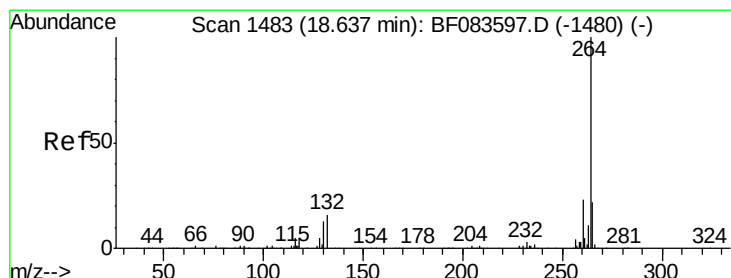
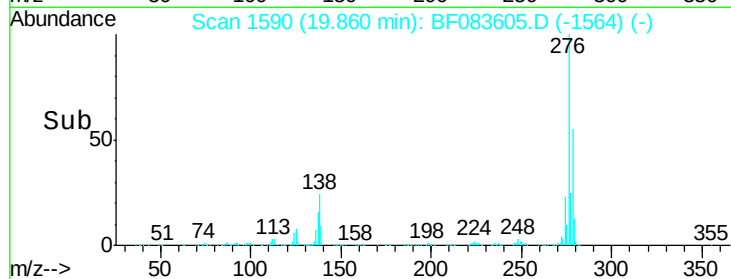
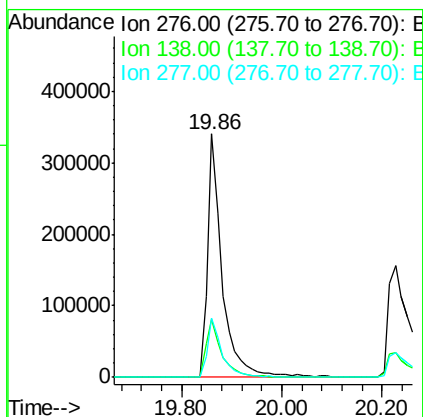
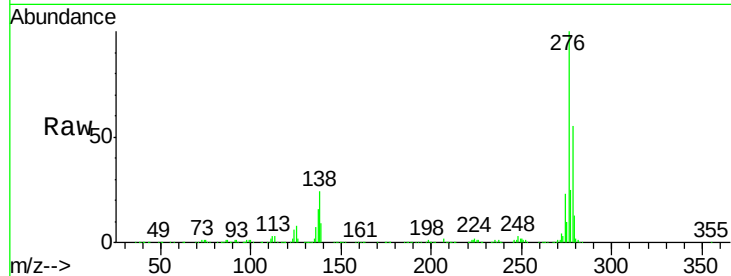




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.84 ng
 RT: 19.86 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

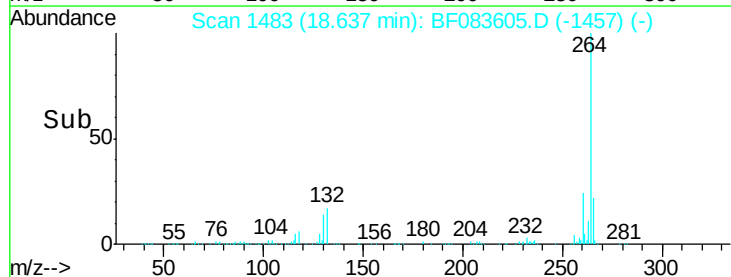
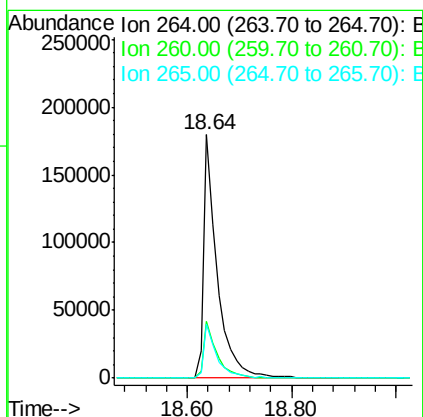
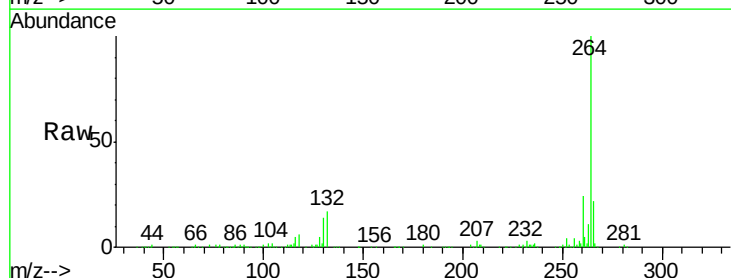
Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

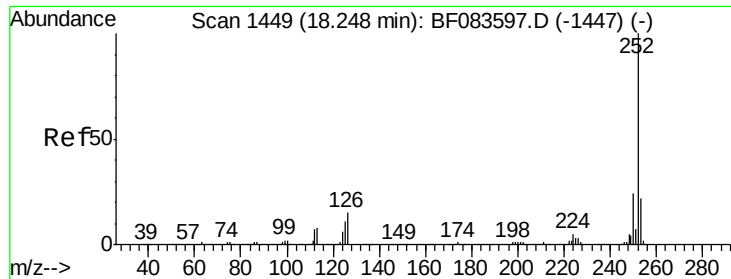
Tgt Ion:276 Resp: 684574
 Ion Ratio Lower Upper
 276 100
 138 25.9 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Tgt Ion:264 Resp: 324311
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 22.0 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 93.49 ng

RT: 18.25 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB87006BS

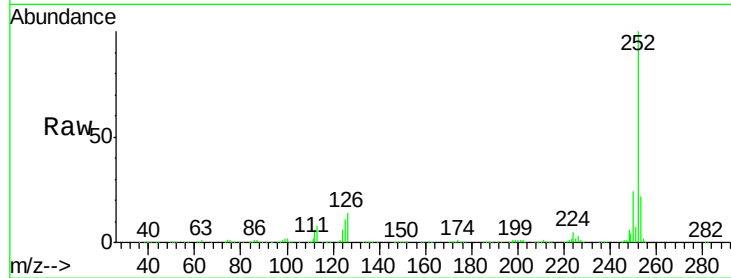
Tgt Ion:252 Resp: 1726595

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

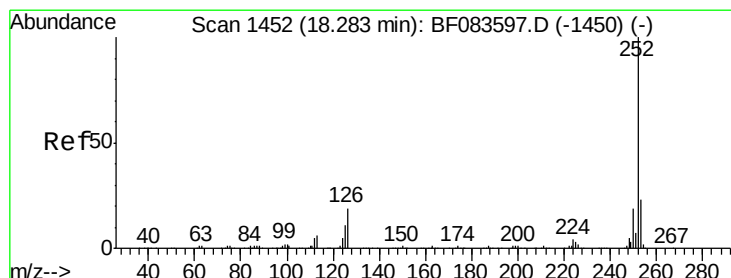
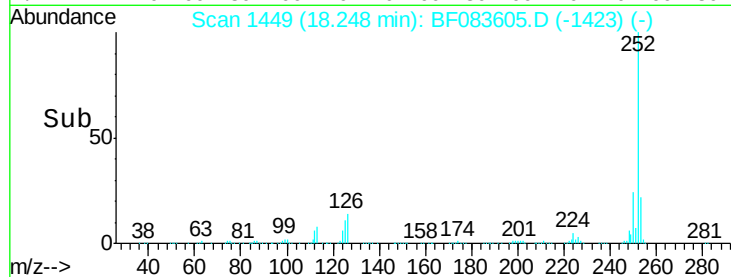
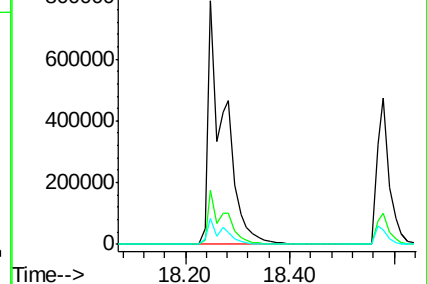
125 10.7 8.2 12.4



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



#88

Benzo(k)fluoranthene

Concen: 84.94 ng

RT: 18.25 min Scan# 1449

Delta R.T. -0.03 min

Lab File: BF083605.D

Acq: 8 Dec 2015 20:21

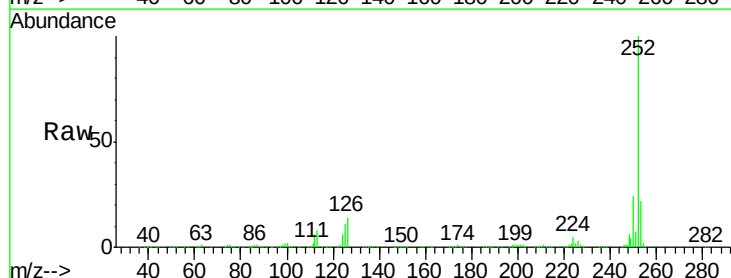
Tgt Ion:252 Resp: 1728439

Ion Ratio Lower Upper

252 100

253 22.3 18.6 27.8

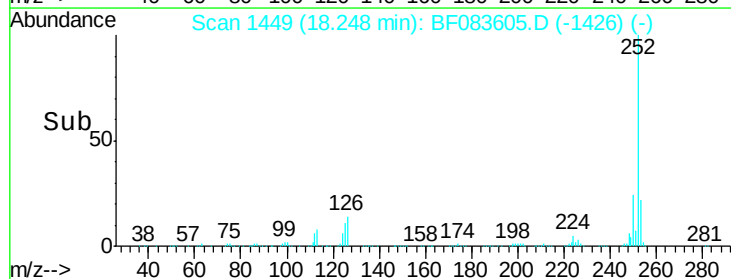
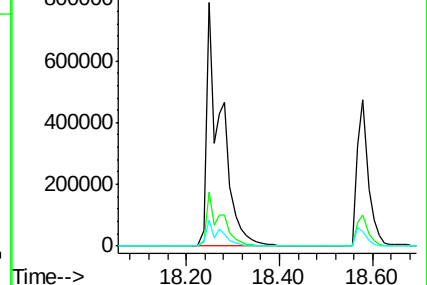
125 10.7 11.5 17.3#

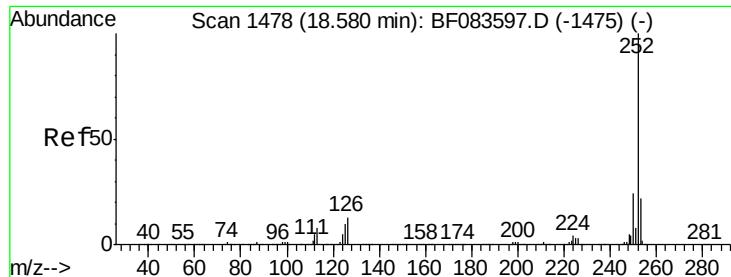


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

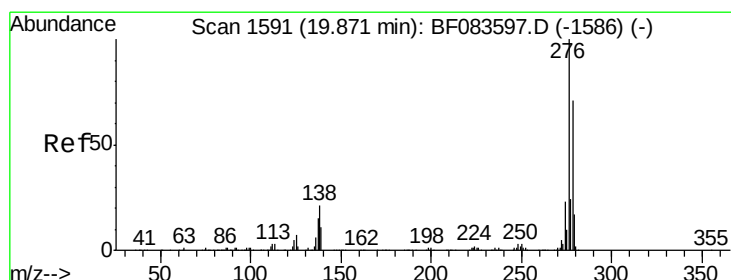
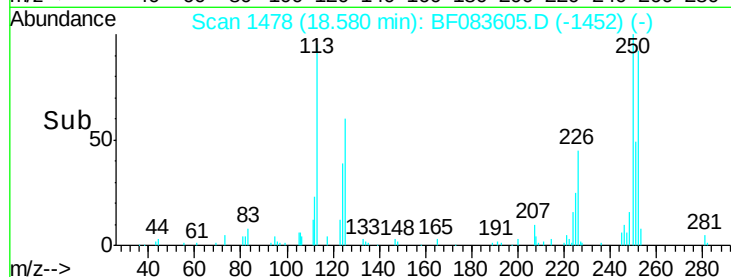
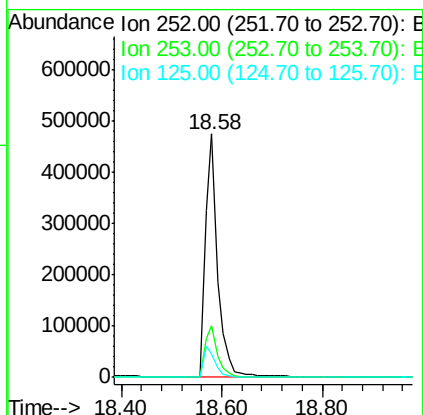
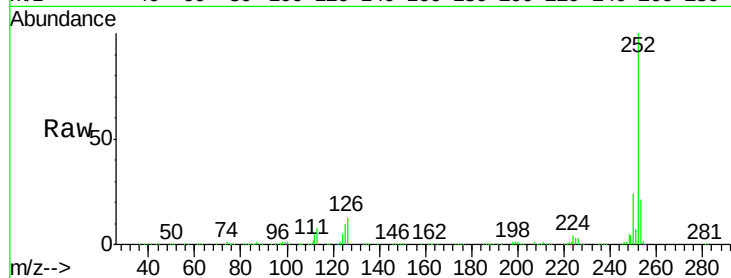




#89
Benzo(a)pyrene
Concen: 43.71 ng
RT: 18.58 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

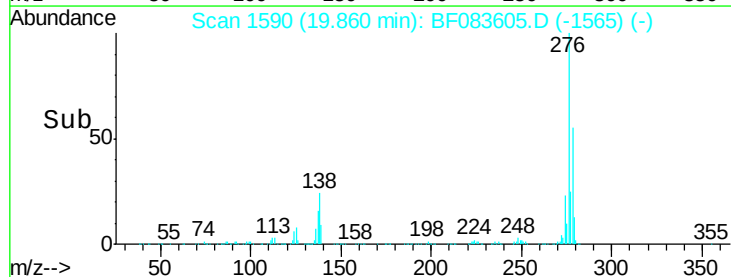
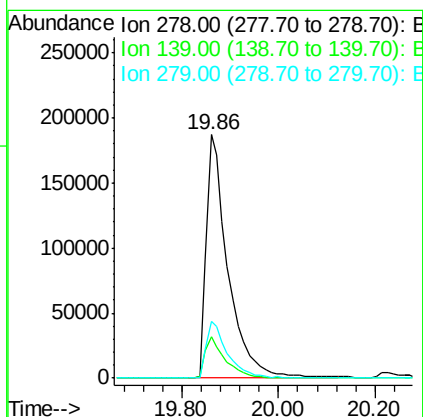
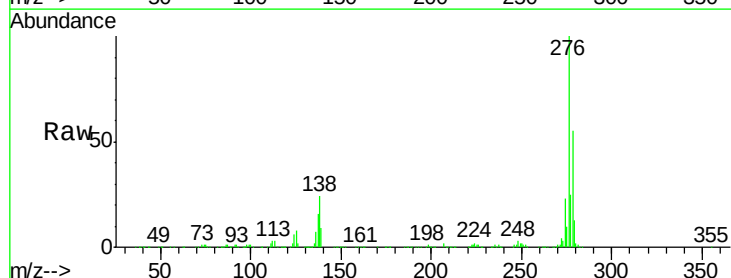
Instrument :
BNA_F
ClientSampleId :
PB87006BS

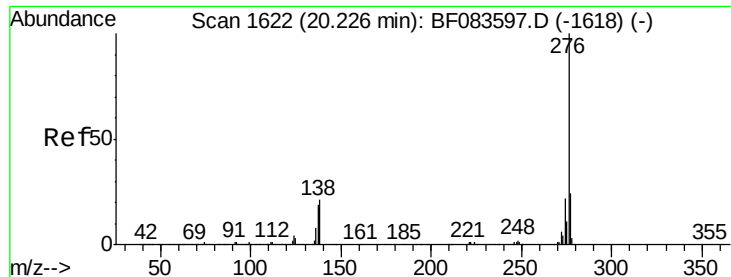
Tgt Ion: 252 Resp: 787666
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.6 11.0 16.6#



#90
Dibenzo(a,h)anthracene
Concen: 42.48 ng
RT: 19.86 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF083605.D
Acq: 8 Dec 2015 20:21

Tgt Ion: 278 Resp: 585245
Ion Ratio Lower Upper
278 100
139 17.1 12.8 19.2
279 23.3 18.6 28.0





#91
 Benzo(g,h,i)perylene
 Concen: 40.47 ng
 RT: 20.23 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF083605.D
 Acq: 8 Dec 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB87006BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.2	28.8
138	22.0	19.5	29.3

