

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083453.D
 Acq On : 3 Dec 2015 9:57
 Operator : UM/IZ
 Sample : G4583-11MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Quant Time: Dec 03 11:25:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	142718	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	317543	20.00	ng	0.03
38) Acenaphthene-d10	9.58	164	248317	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	343881	20.00	ng	0.01
75) Chrysene-d12	14.77	240	290230	20.00	ng	0.01
86) Perylene-d12	16.83	264	275312	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	1498878	157.59	ng	0.01
7) Phenol-d6	6.22	99	1809010	138.96	ng	0.00
23) Nitrobenzene-d5	7.13	82	1231459	170.48	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	302339	121.29	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1834814	105.30	ng	0.00
78) Terphenyl-d14	13.22	244	1291120	106.09	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.00	88	173022	33.60	ng	98
3) Pyridine	2.60	79	581628	45.15	ng	96
4) n-Nitrosodimethylamine	2.57	42	295407	46.59	ng	95
6) Aniline	6.21	93	582314	32.70	ng	89
8) 2-Chlorophenol	6.34	128	507520	48.37	ng	98
9) Benzaldehyde	6.09	77	430348	96.66	ng	# 1
10) Phenol	6.24	94	832115	53.12	ng	91
11) bis(2-Chloroethyl)ether	6.29	93	586059	51.43	ng	94
12) 1,3-Dichlorobenzene	6.56	146	544672	46.71	ng	95
13) 1,4-Dichlorobenzene	6.56	146	547487	45.42	ng	97
14) 1,2-Dichlorobenzene	6.72	146	455613	41.20	ng	# 91
15) Benzyl Alcohol	6.72	79	499185	49.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	941363	47.08	ng	# 51
17) 2-Methylphenol	6.84	107	432901	49.50	ng	96
18) Hexachloroethane	7.06	117	240104	57.35	ng	# 76
19) n-Nitroso-di-n-propylamine	6.99	70	452141	48.59	ng	97
20) 3+4-Methylphenols	7.00	107	586401	49.51	ng	97
22) Acetophenone	6.98	105	830857	87.45	ng	# 97
24) Nitrobenzene	7.14	77	650398	84.32	ng	# 88
25) Isophorone	7.41	82	1235261	88.28	ng	# 98
26) 2-Nitrophenol	7.47	139	287301	91.24	ng	# 83
27) 2,4-Dimethylphenol	7.55	122	477398	90.44	ng	98
28) bis(2-Chloroethoxy)methane	7.65	93	661575	83.02	ng	# 95
29) 2,4-Dichlorophenol	7.76	162	435437	85.77	ng	93
30) 1,2,4-Trichlorobenzene	7.85	180	212095	38.38	ng	97
31) Naphthalene	7.93	128	26046130	1511.74	ng	# 79
32) Benzoic acid	7.66	122	151712	41.67	ng	# 80
33) 4-Chloroaniline	7.93	127	5408043	728.14	ng	# 34
34) Hexachlorobutadiene	7.98	225	237800	75.79	ng	99
35) Caprolactam	8.30	113	177150	110.44	ng	# 89
36) 4-Chloro-3-methylphenol	8.44	107	464370	81.55	ng	98
37) 2-Methylnaphthalene	8.57	142	5930979	515.08	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	370244	47.04	ng	98
40) Hexachlorocyclopentadiene	8.70	237	19723	5.27	ng	97

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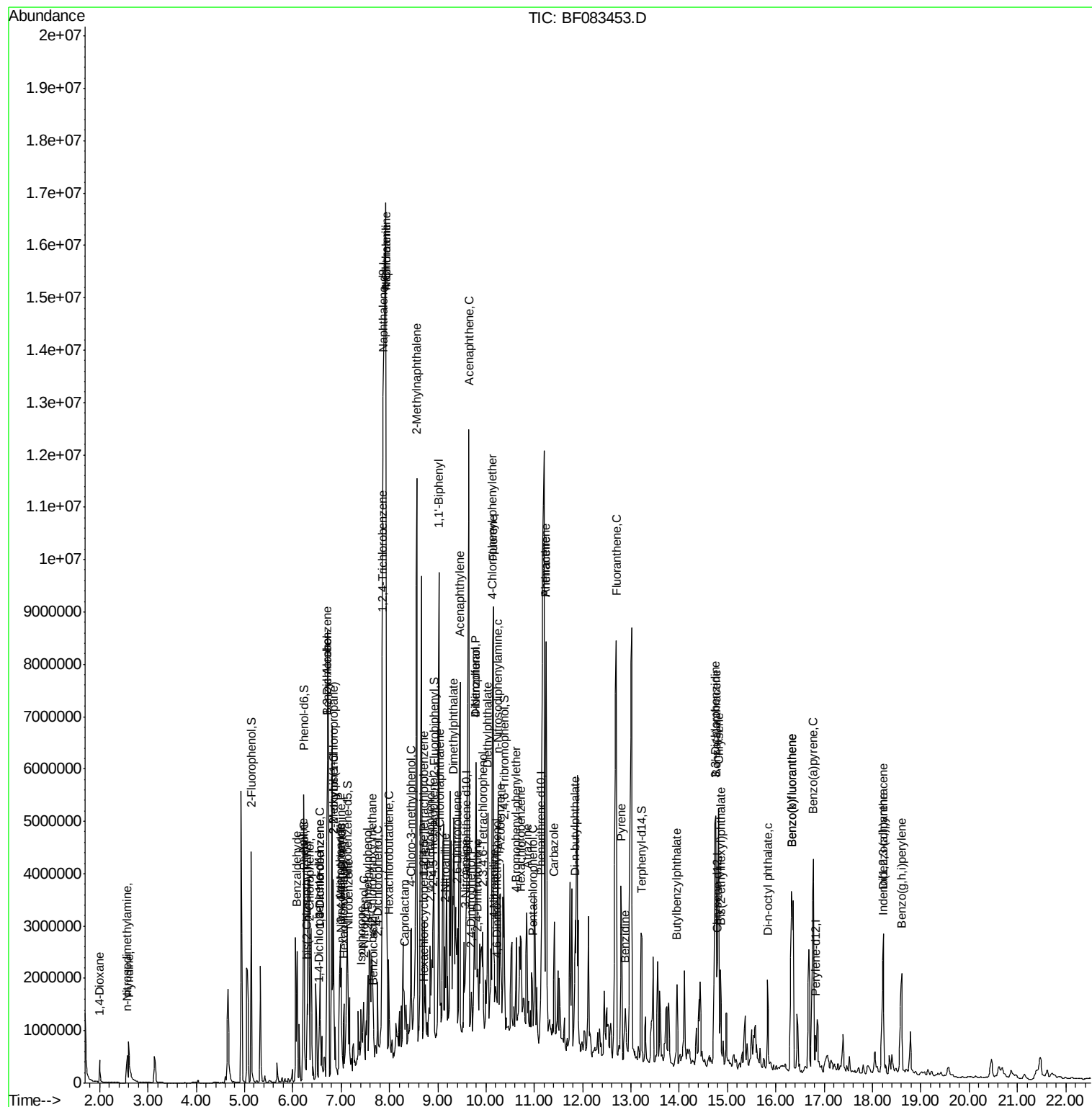
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	274417	49.70	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	283215	49.51	nq	97
45) 1,1'-Biphenyl	9.02	154	3113483	142.98	nq	93
46) 2-Chloronaphthalene	9.04	162	773595	46.62	nq	99
47) 2-Nitroaniline	9.15	65	393637	59.90	nq	87
48) Acenaphthylene	9.46	152	3858706	145.79	nq	96
49) Dimethylphthalate	9.33	163	1253024	62.09	nq	99
50) 2,6-Dinitrotoluene	9.40	165	205666	47.72	nq	95
51) Acenaphthene	9.64	154	4883955	313.70	nq	97
52) 3-Nitroaniline	9.57	138	172140	34.08	nq	85
53) 2,4-Dinitrophenol	9.69	184	25174	12.75	nq #	1
54) Dibenzofuran	9.79	168	1474168	64.61	nq #	96
55) 4-Nitrophenol	9.79	139	871004	275.68	nq #	1
56) 2,4-Dinitrotoluene	9.81	165	302837	55.38	nq #	68
57) Fluorene	10.14	166	3640735	202.08	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.93	232	206932	44.83	nq #	76
59) Diethylphthalate	10.03	149	918243	47.74	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	360062	43.50	nq	96
61) 4-Nitroaniline	10.17	138	208783	41.31	nq	89
62) Azobenzene	10.29	77	1078757	46.42	nq #	79
64) 4,6-Dinitro-2-methylphenol	10.22	198	24325	10.54	nq #	23
65) n-Nitrosodiphenylamine	10.25	169	815320	67.47	nq	94
66) 4-Bromophenyl-phenylether	10.62	248	236744	62.94	nq #	88
67) Hexachlorobenzene	10.72	284	230621	55.45	nq #	82
68) Atrazine	10.84	200	230670	69.02	nq	99
69) Pentachlorophenol	10.96	266	242592	111.34	nq	99
70) Phenanthrene	11.24	178	4169270	204.87	nq	94
71) Anthracene	11.24	178	4169270	203.50	nq	95
72) Carbazole	11.41	167	1091572	59.30	nq	99
73) Di-n-butylphthalate	11.85	149	1326414	60.80	nq	99
74) Fluoranthene	12.69	202	7158286	339.34	nq	96
76) Benzidine	12.88	184	554977	64.20	nq	99
77) Pyrene	12.80	202	2218809	109.47	nq	98
79) Butylbenzylphthalate	13.95	149	486323	56.56	nq	94
80) Benzo(a)anthracene	14.76	228	4158013	233.85	nq	94
81) 3,3'-Dichlorobenzidine	14.74	252	283046	50.96	nq	96
82) Chrysene	14.82	228	3272795	190.51	nq	96
83) Bis(2-ethylhexyl)phthalate	14.85	149	699313	60.63	nq	99
84) Di-n-octyl phthalate	15.83	149	1188789	69.21	nq	98
85) Indeno(1,2,3-cd)pyrene	18.21	276	1915469	153.09	nq	98
87) Benzo(b)fluoranthene	16.33	252	5155989	291.87	nq	99
88) Benzo(k)fluoranthene	16.33	252	5155989	309.10	nq #	95
89) Benzo(a)pyrene	16.77	252	3700937	243.92	nq #	95
90) Dibenzo(a,h)anthracene	18.23	278	826061	62.48	nq	97
91) Benzo(g,h,i)perylene	18.60	276	1935978	149.20	nq	97

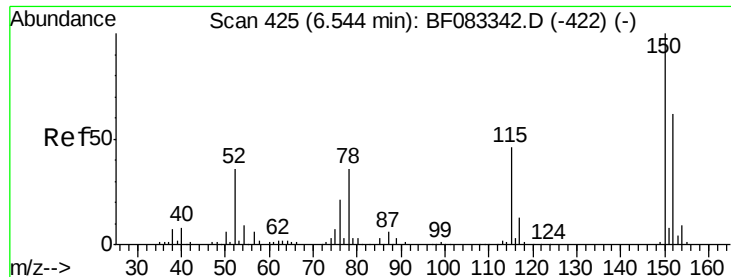
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

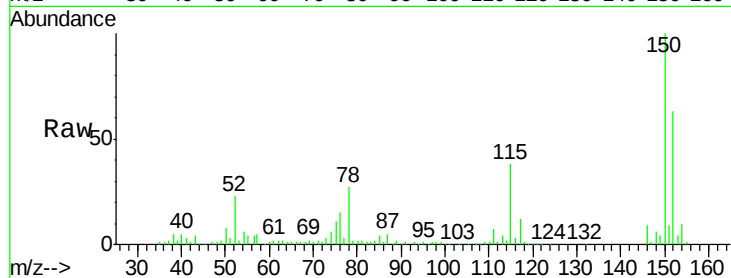
Tot Ion:152 Resp: 142718

Ion Ratio Lower Upper

152 100

150 159.1 129.8 194.8

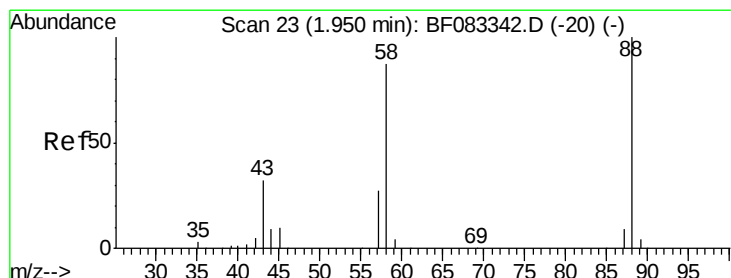
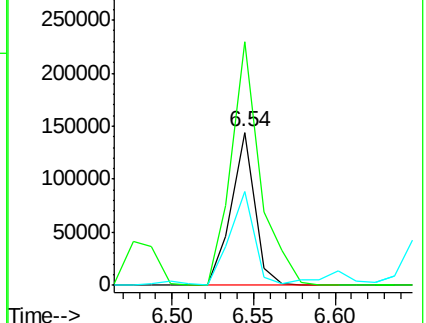
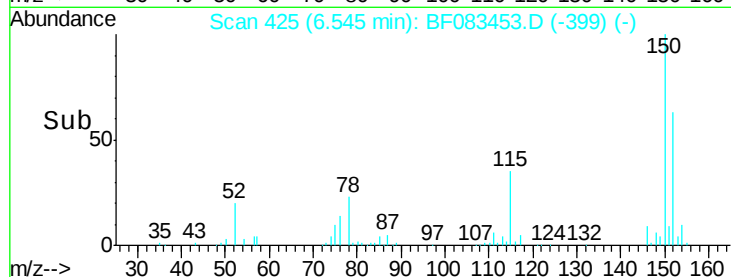
115 60.9 59.2 88.8



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: 33.60 ng

RT: 2.00 min Scan# 27

Delta R.T. 0.05 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

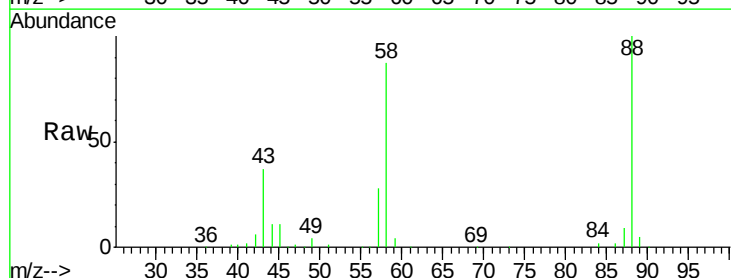
Tgt Ion: 88 Resp: 173022

Ion Ratio Lower Upper

88 100

58 85.0 66.6 100.0

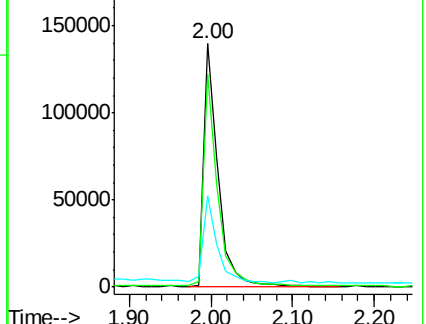
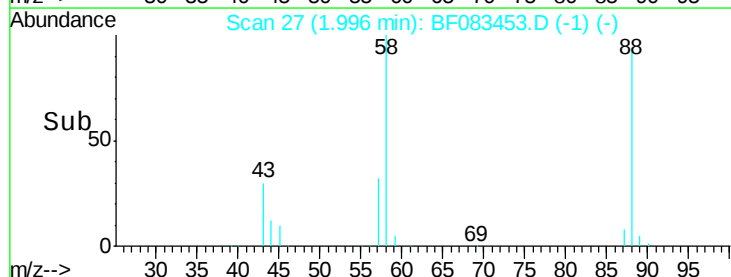
43 34.8 27.1 40.7

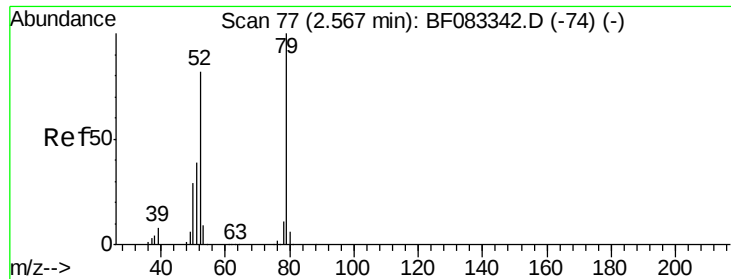


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.15 ng

RT: 2.60 min Scan# 80

Delta R.T. 0.04 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

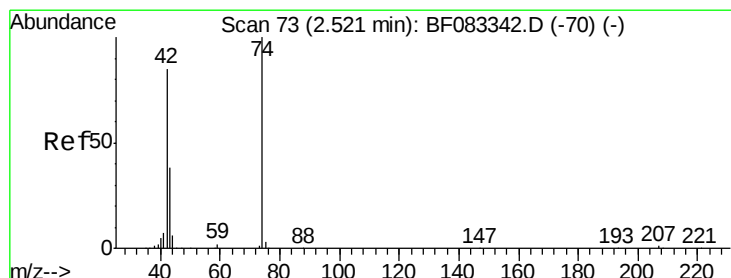
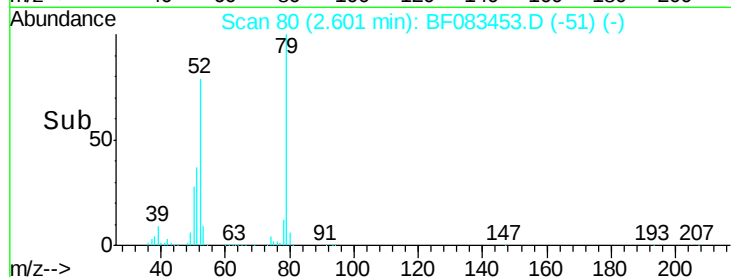
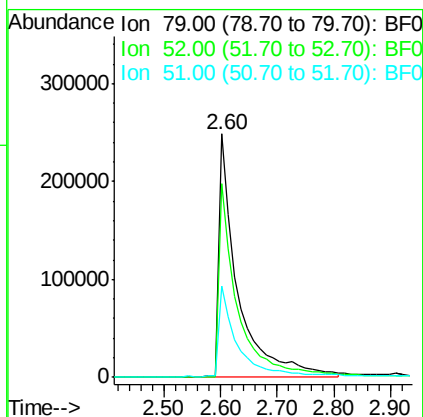
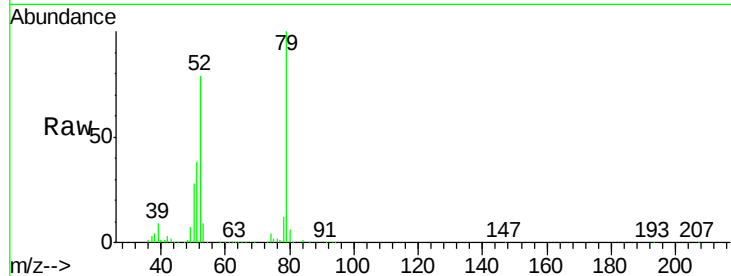
Tot Ion: 79 Resp: 581628

Ion Ratio Lower Upper

79 100

52 79.4 65.9 98.9

51 37.6 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 46.59 ng

RT: 2.57 min Scan# 77

Delta R.T. 0.05 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

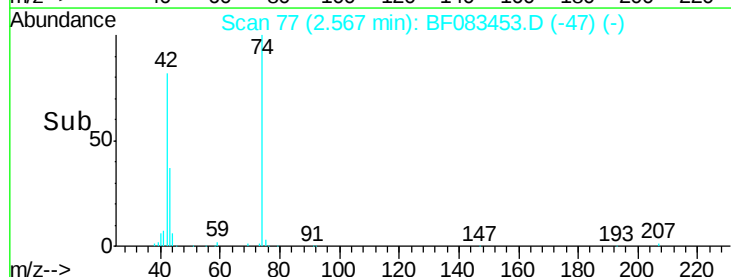
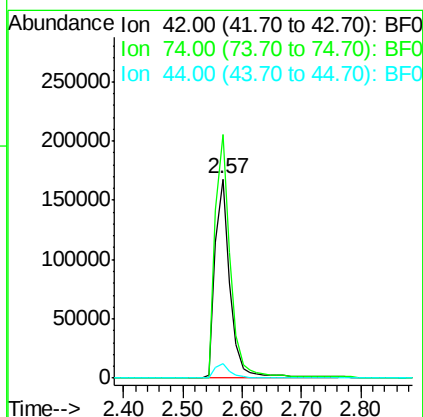
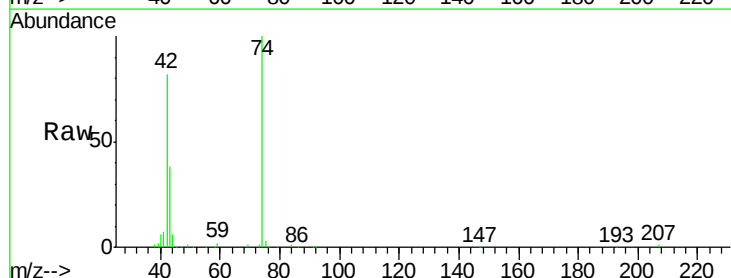
Tgt Ion: 42 Resp: 295407

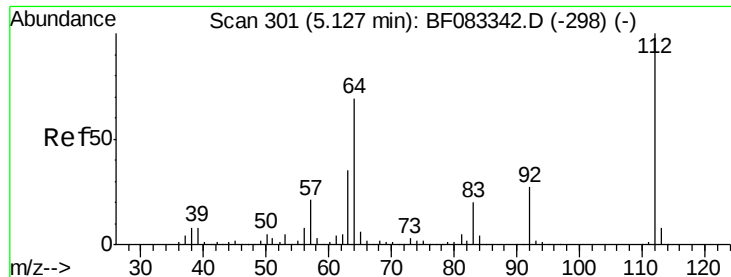
Ion Ratio Lower Upper

42 100

74 122.4 93.7 140.5

44 7.3 5.6 8.4





#5

2-Fluorophenol

Concen: 157.59 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083453.D

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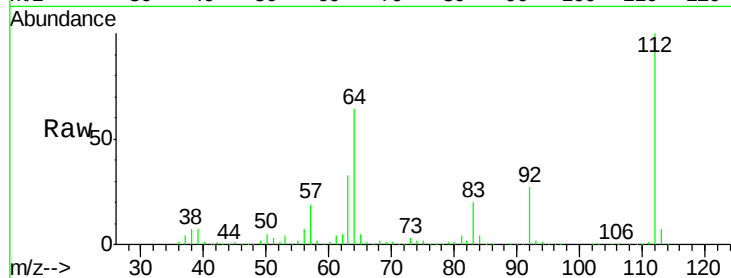
Tot Ion:112 Resp: 1498878

Ion Ratio Lower Upper

112 100

64 64.2 55.6 83.4

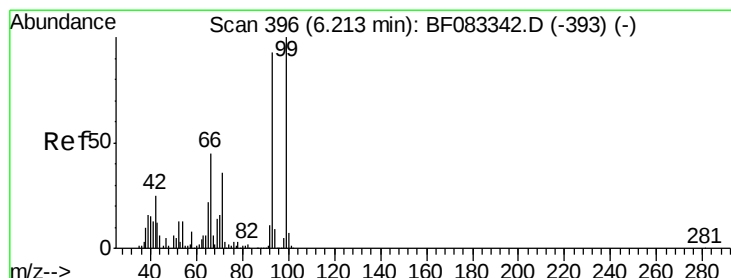
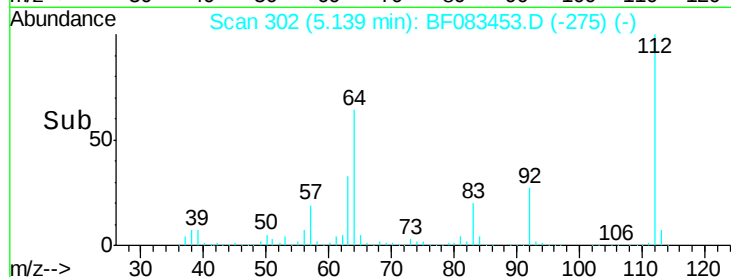
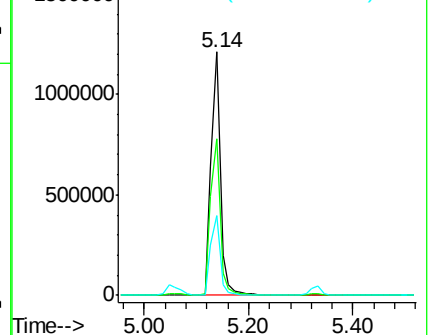
63 32.6 28.2 42.2



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: 32.70 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

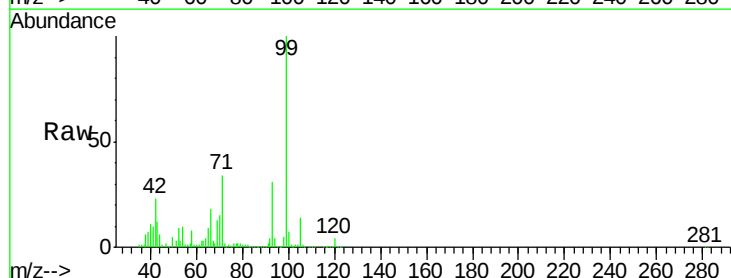
Tgt Ion: 93 Resp: 582314

Ion Ratio Lower Upper

93 100

66 56.8 38.7 58.1

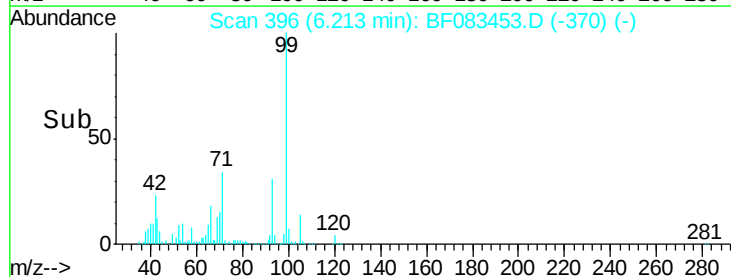
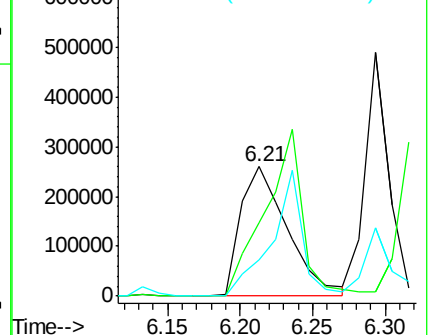
65 28.5 19.0 28.6

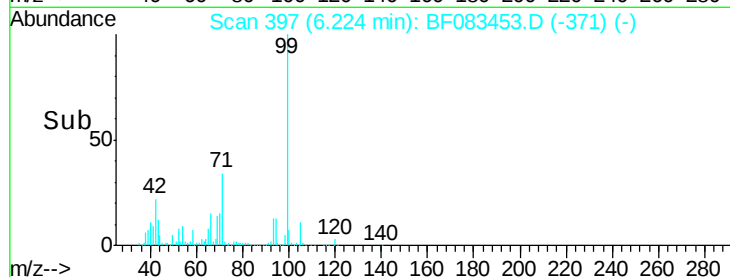
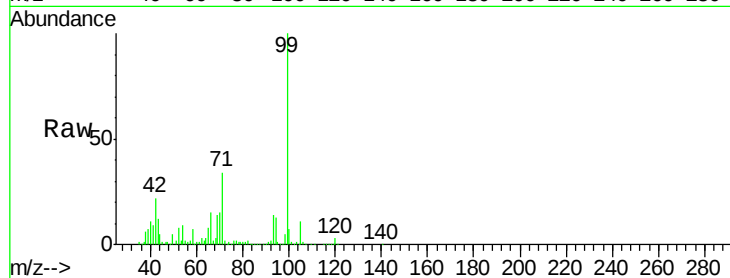
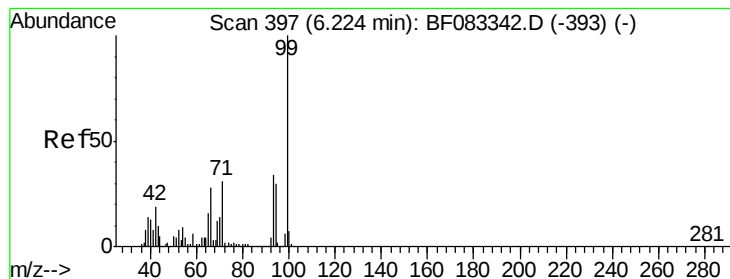


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 138.96 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

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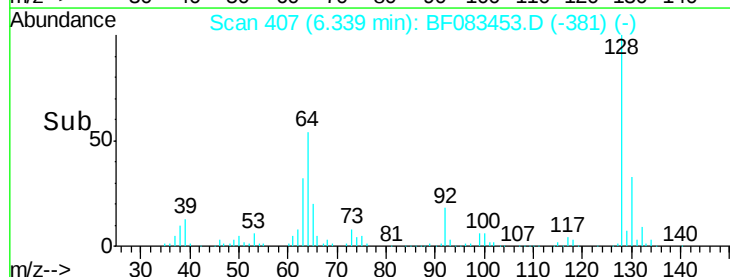
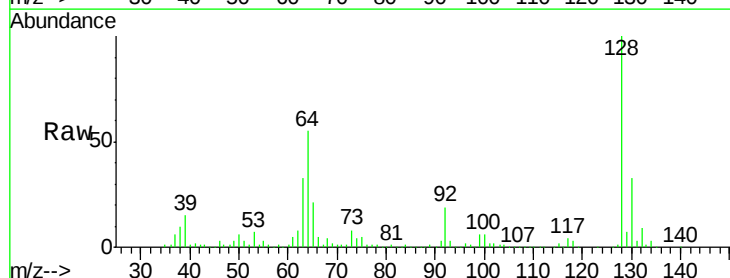
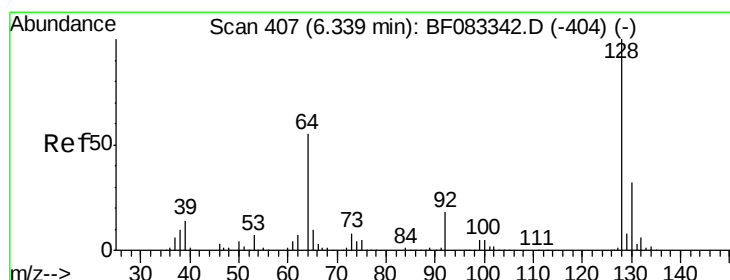
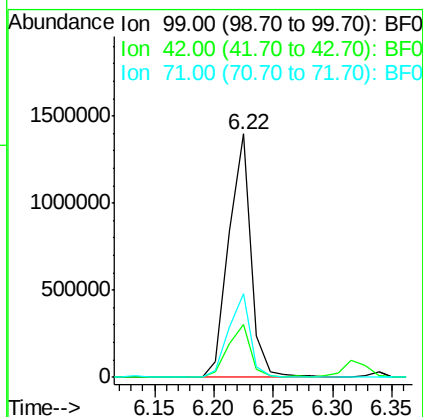
Tot Ion: 99 Resp: 1809010

Ion Ratio Lower Upper

99 100

42 22.0 14.9 22.3

71 34.4 24.7 37.1



#8

2-Chlorophenol

Concen: 48.37 ng

RT: 6.34 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

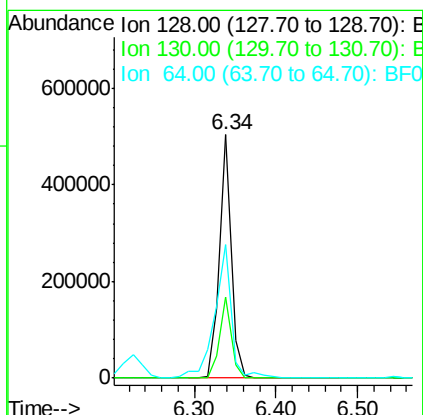
Tgt Ion:128 Resp: 507520

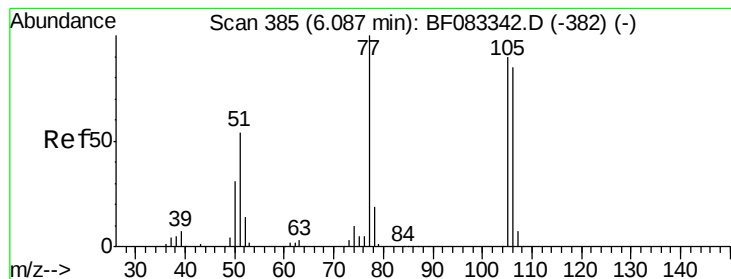
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 54.6 36.4 76.4





#9

Benzaldehyde

Concen: 96.66 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083453.D

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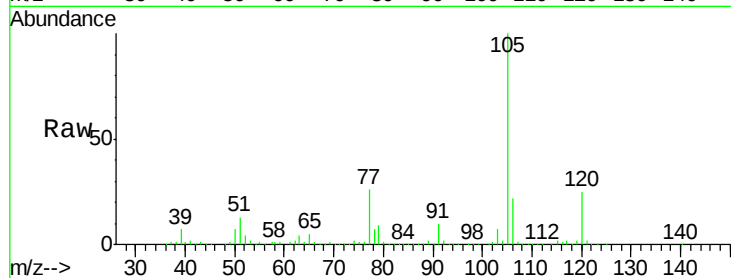
Tot Ion: 77 Resp: 430348

Ion Ratio Lower Upper

77 100

105 386.2 70.0 110.0#

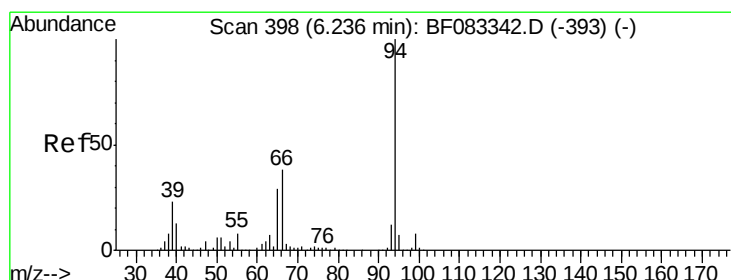
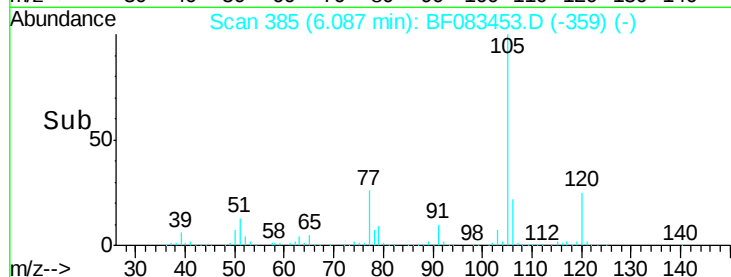
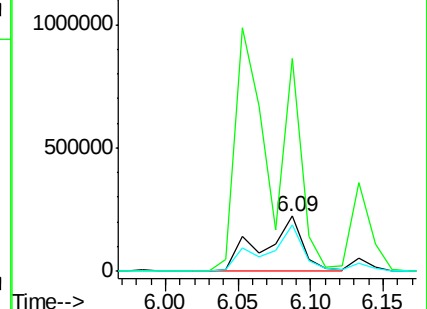
106 85.3 65.0 105.0



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: 53.12 ng

RT: 6.24 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

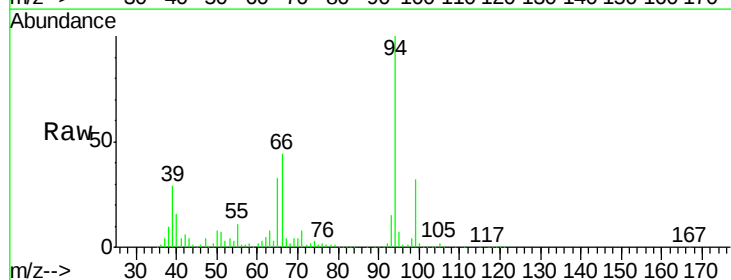
Tgt Ion: 94 Resp: 832115

Ion Ratio Lower Upper

94 100

65 33.4 9.5 49.5

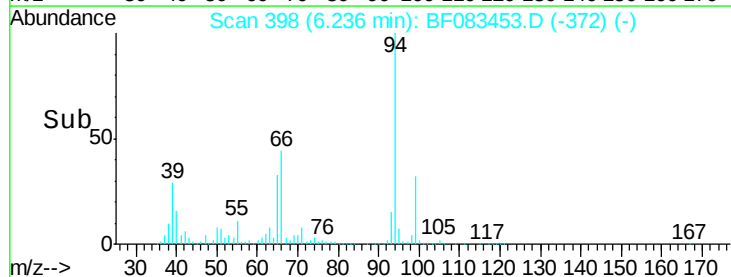
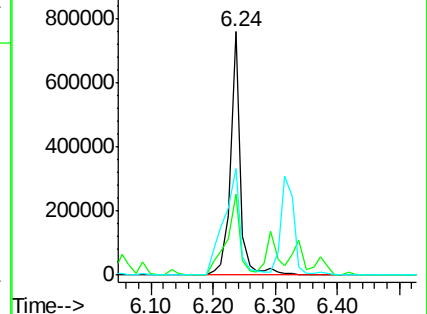
66 44.0 17.9 57.9

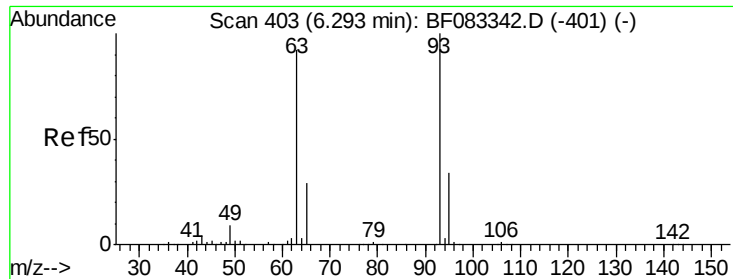


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.43 ng

RT: 6.29 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

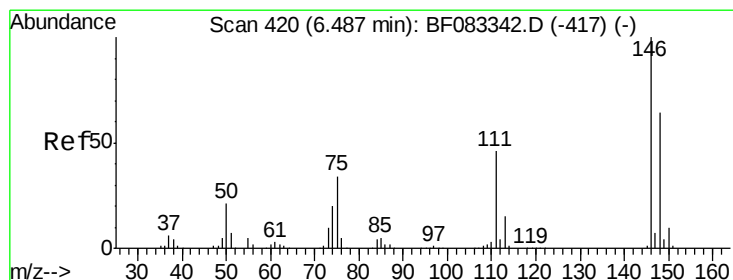
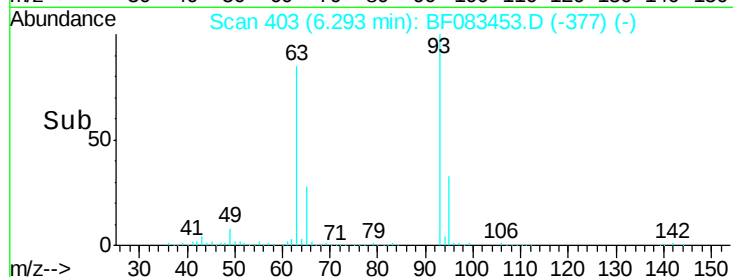
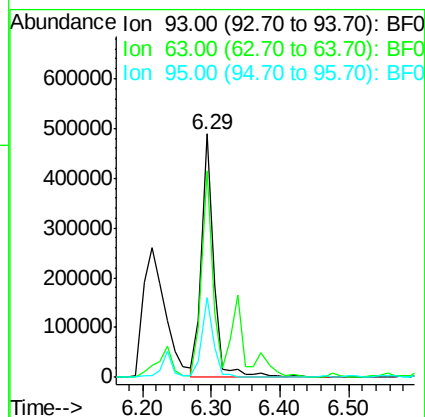
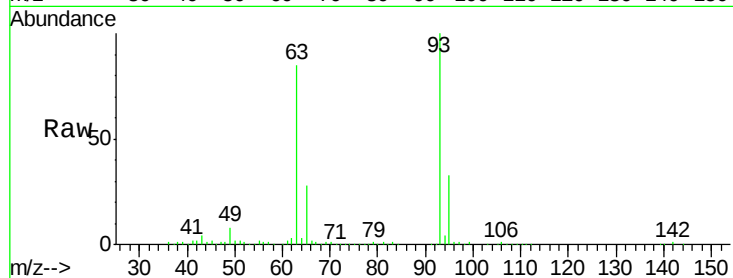
Tot Ion: 93 Resp: 586059

Ion Ratio Lower Upper

93 100

63 84.7 71.4 111.4

95 32.6 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 46.71 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.07 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

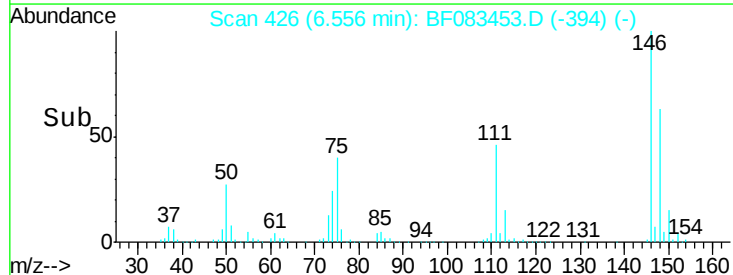
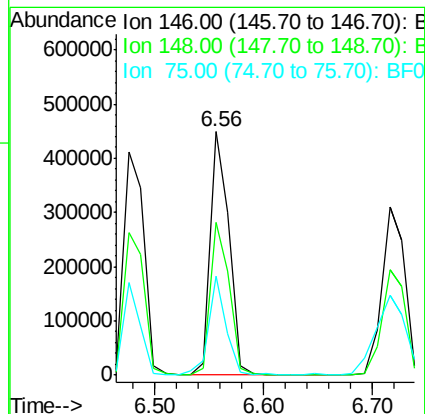
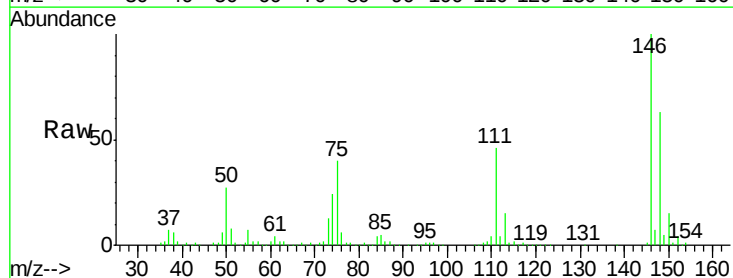
Tgt Ion: 146 Resp: 544672

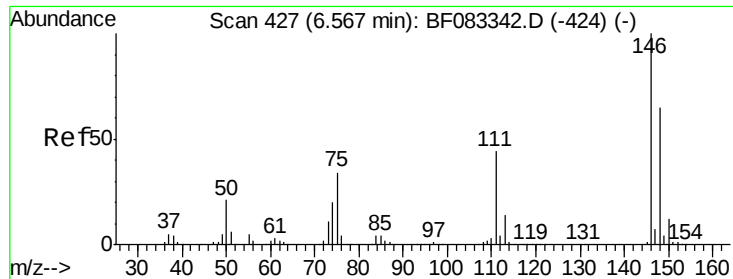
Ion Ratio Lower Upper

146 100

148 62.6 51.1 76.7

75 40.5 27.5 41.3

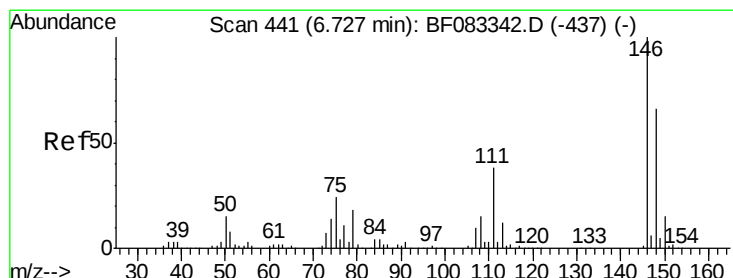
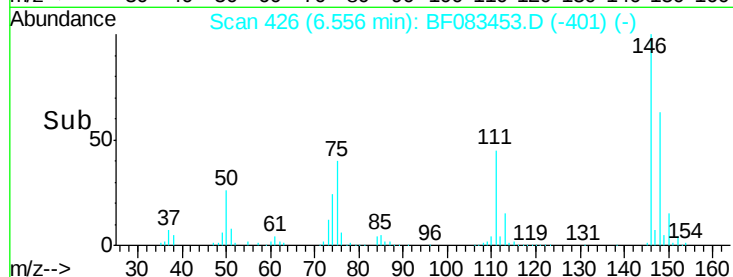
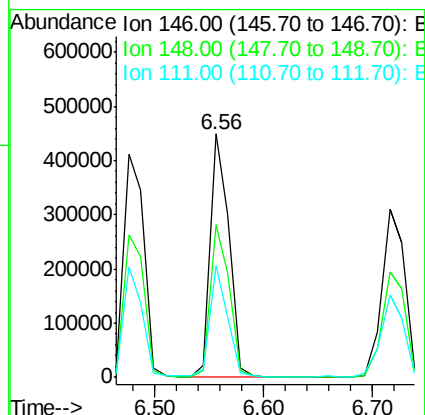
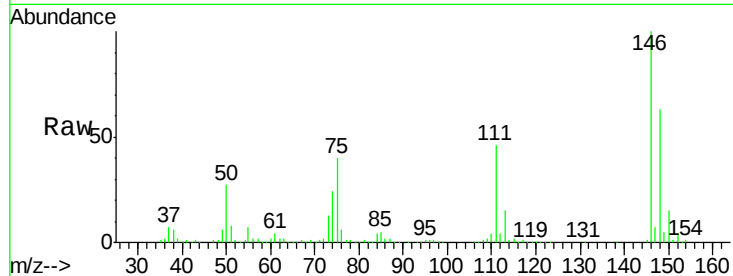




#13
 1,4-Dichlorobenzene
 Concen: 45.42 ng
 RT: 6.56 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

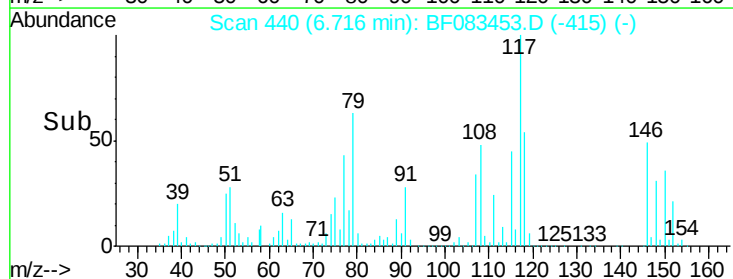
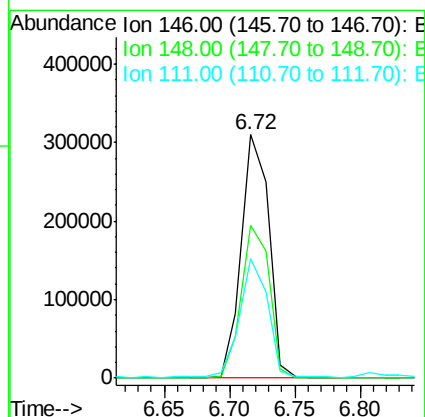
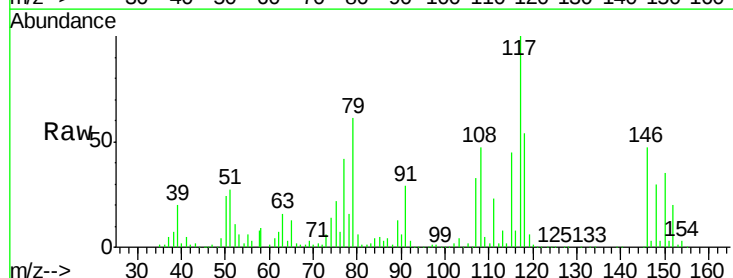
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

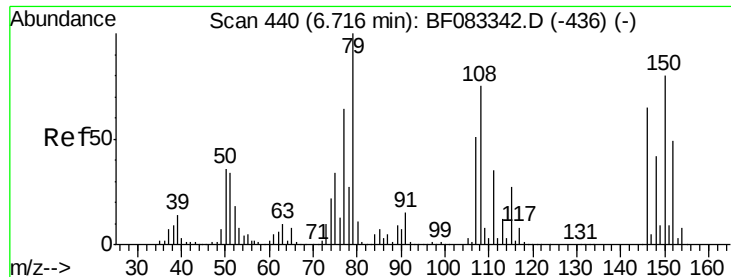
Tot Ion:146 Resp: 547487
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.1 78.1
 111 46.0 35.4 53.0



#14
 1,2-Dichlorobenzene
 Concen: 41.20 ng
 RT: 6.72 min Scan# 440
 Delta R.T. -0.01 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion:146 Resp: 455613
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.5 78.7
 111 48.8 30.6 46.0#

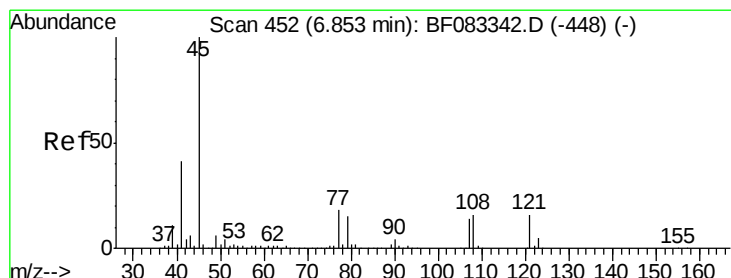
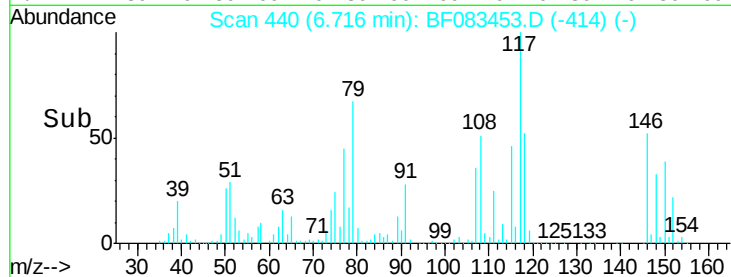
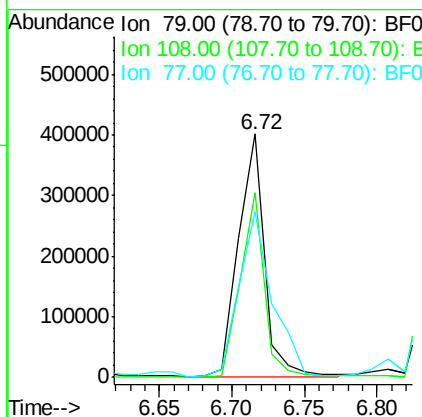
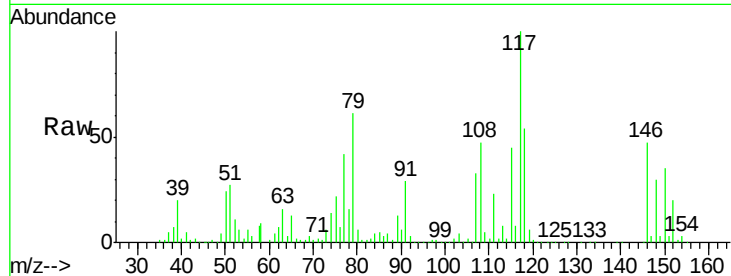




#15
Benzyl Alcohol
Concen: 49.61 ng
RT: 6.72 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

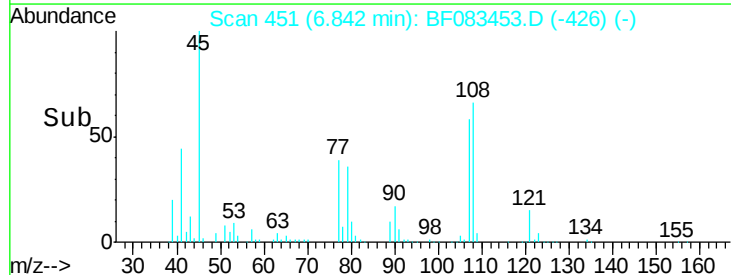
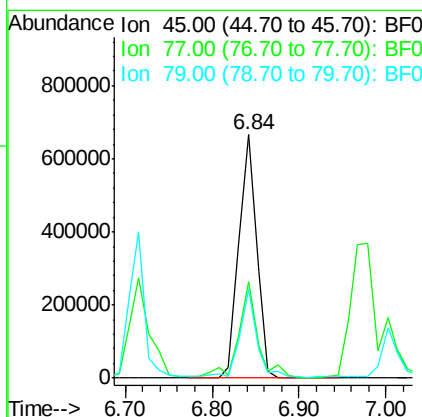
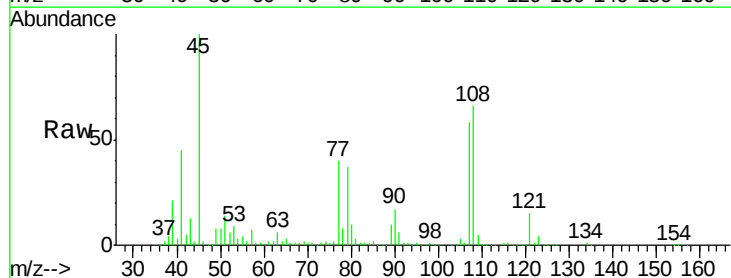
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

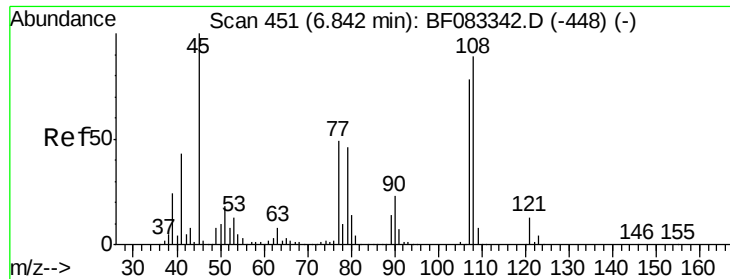
Tot Ion: 79 Resp: 499185
Ion Ratio Lower Upper
79 100
108 75.9 59.9 89.9
77 68.1 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.08 ng
RT: 6.84 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion: 45 Resp: 941363
Ion Ratio Lower Upper
45 100
77 39.7 0.0 38.3#
79 36.6 0.0 35.4#

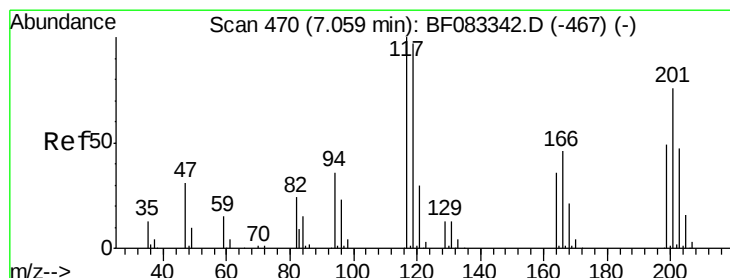
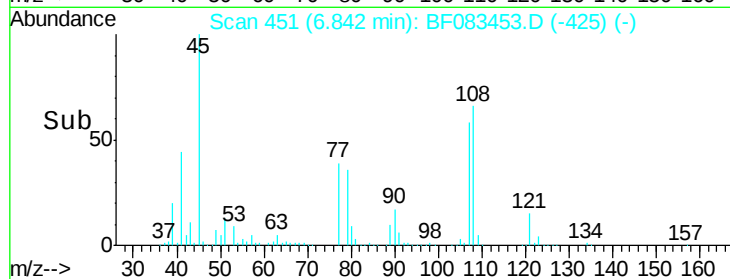
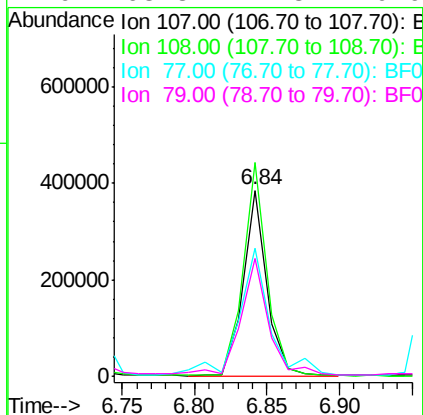
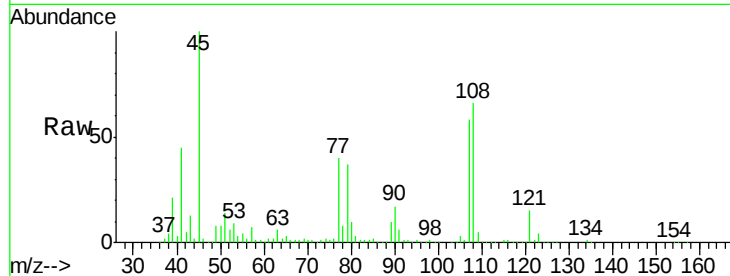




#17
2-Methylphenol
Concen: 49.50 ng
RT: 6.84 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

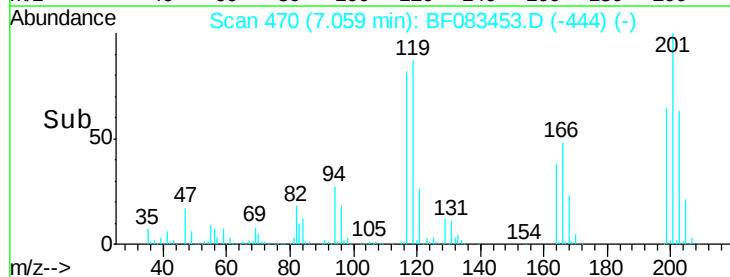
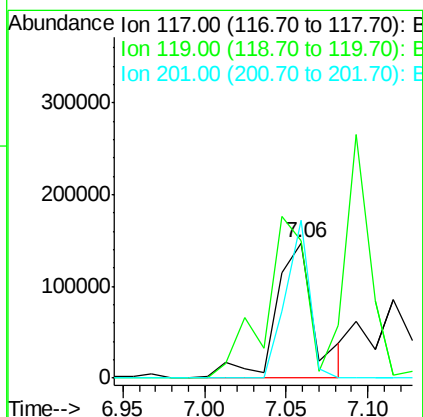
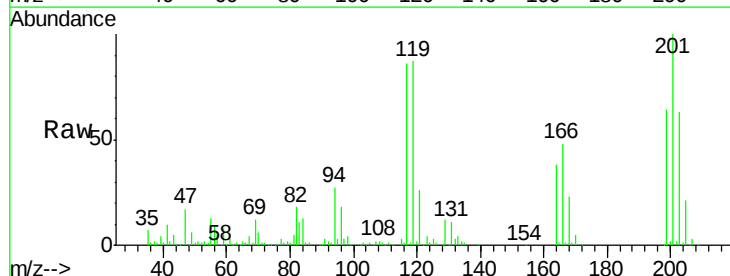
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

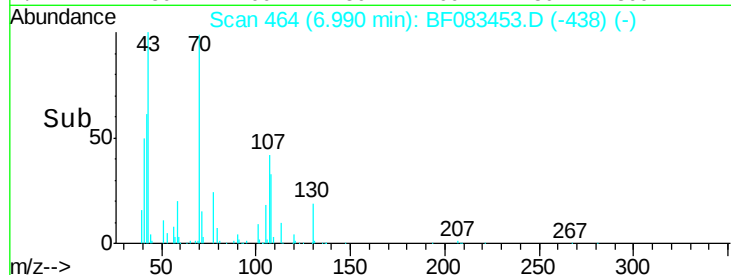
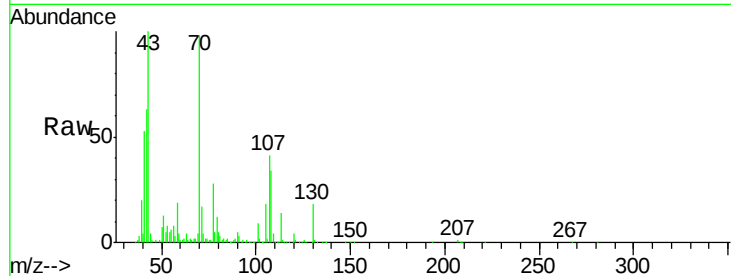
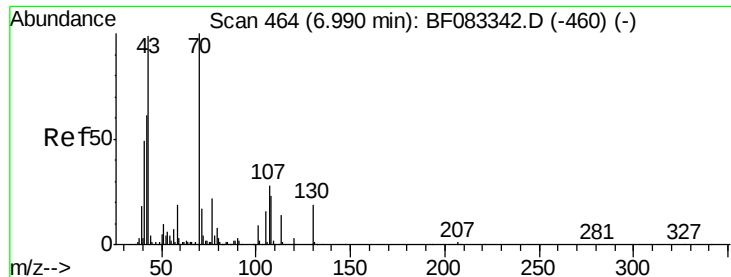
Tot Ion:	107	Resp:	432901
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.6	137.4
77	68.8	49.9	74.9
79	63.3	47.3	70.9



#18
Hexachloroethane
Concen: 57.35 ng
RT: 7.06 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion:	117	Resp:	240104
Ion	Ratio	Lower	Upper
117	100		
119	101.4	77.3	115.9
201	116.6	60.6	90.8#

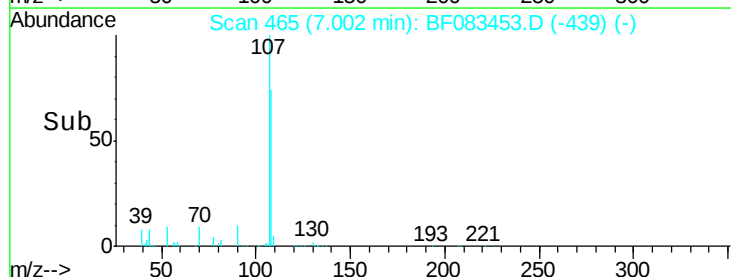
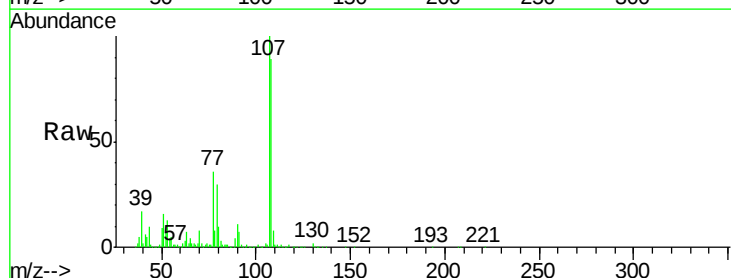
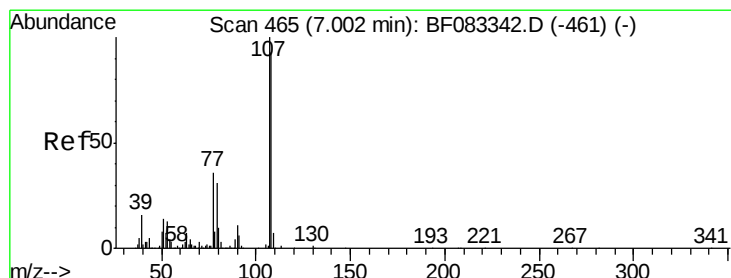
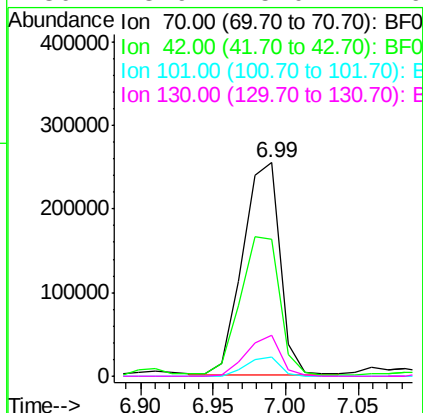




#19
n-Nitroso-di-n-propylamine
Concen: 48.59 ng
RT: 6.99 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

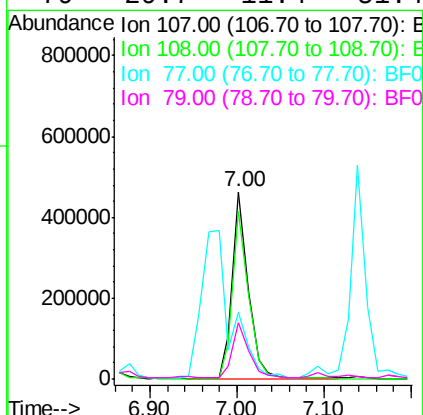
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

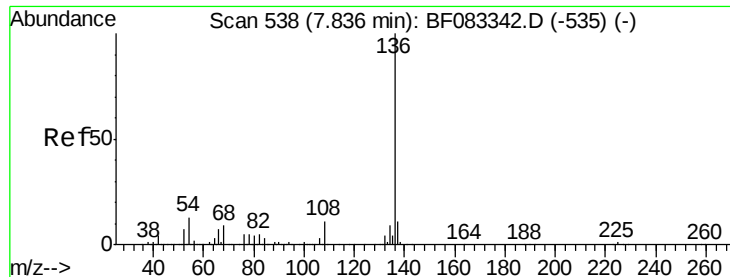
Tot Ion: 70 Resp: 452141
Ion Ratio Lower Upper
70 100
42 64.4 48.8 73.2
101 9.0 7.1 10.7
130 18.9 15.0 22.6



#20
3+4-Methylphenols
Concen: 49.51 ng
RT: 7.00 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion:107 Resp: 586401
Ion Ratio Lower Upper
107 100
108 89.4 73.0 113.0
77 35.5 16.8 56.8
79 29.7 11.4 51.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 541

Delta R.T. 0.03 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

Tot Ion:136 Resp: 317543

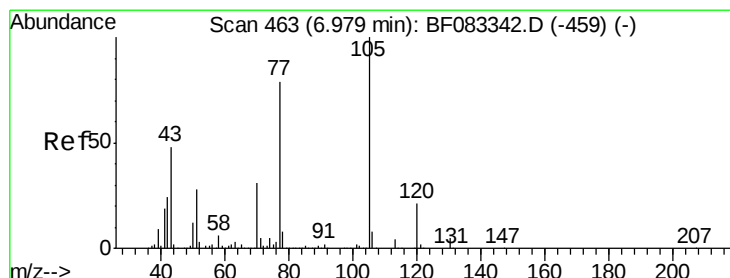
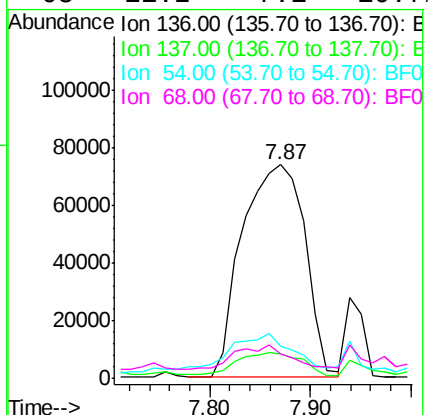
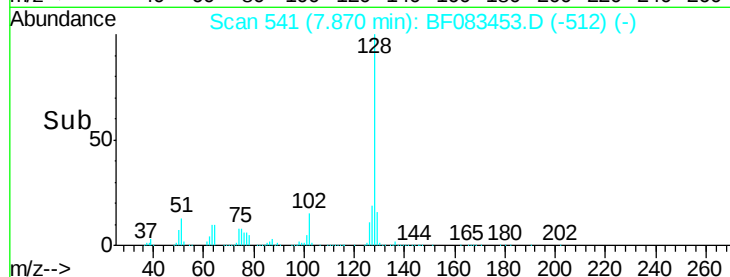
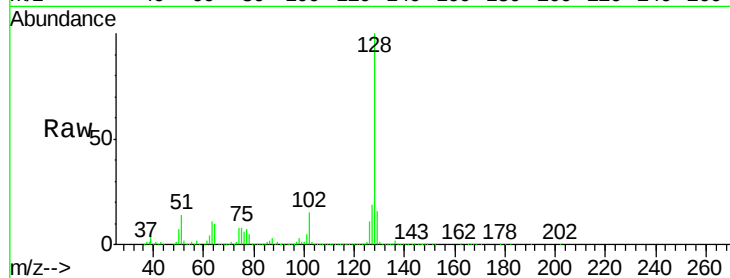
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 14.8 10.1 15.1

68 11.2 7.1 10.7#



#22

Acetophenone

Concen: 87.45 ng

RT: 6.98 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Tgt Ion:105 Resp: 830857

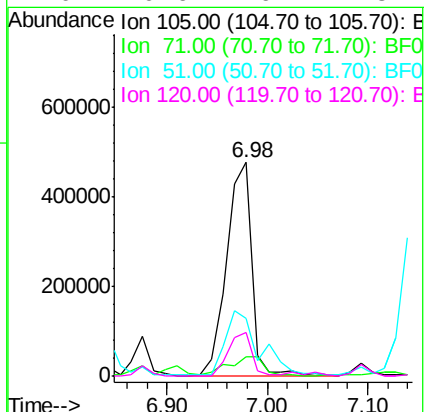
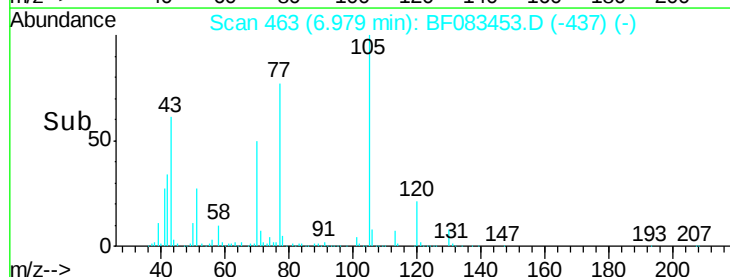
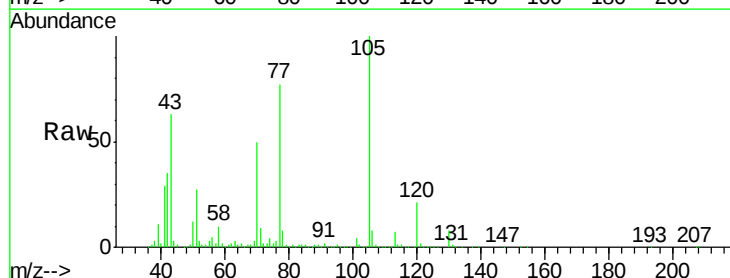
Ion Ratio Lower Upper

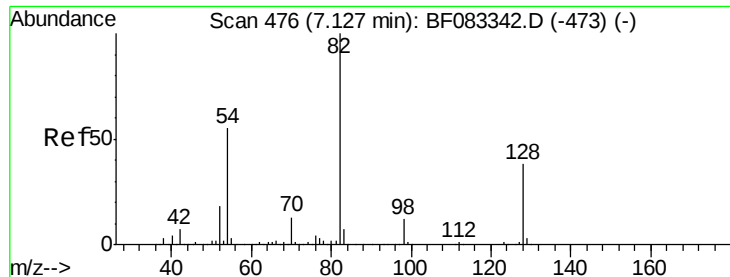
105 100

71 8.9 4.3 6.5#

51 27.3 22.9 34.3

120 20.6 16.7 25.1

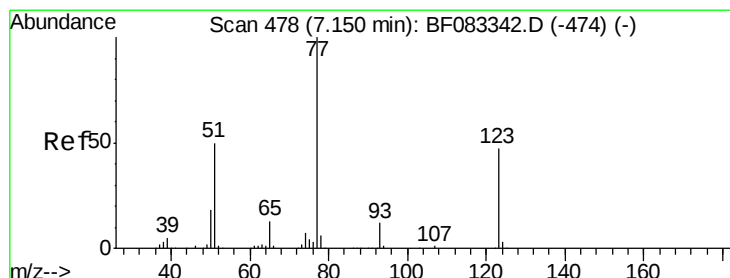
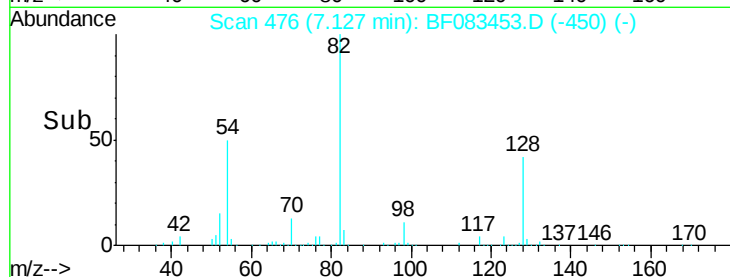
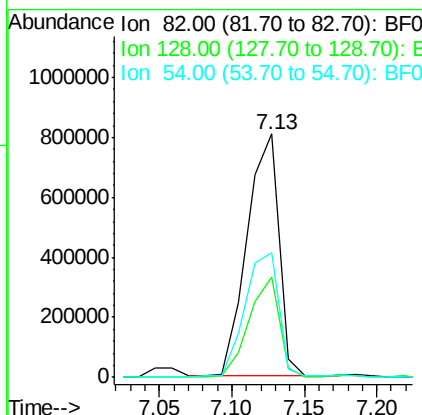
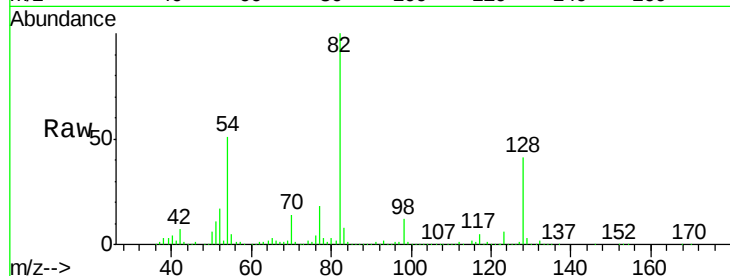




#23
 Nitrobenzene-d5
 Concen: 170.48 ng
 RT: 7.13 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

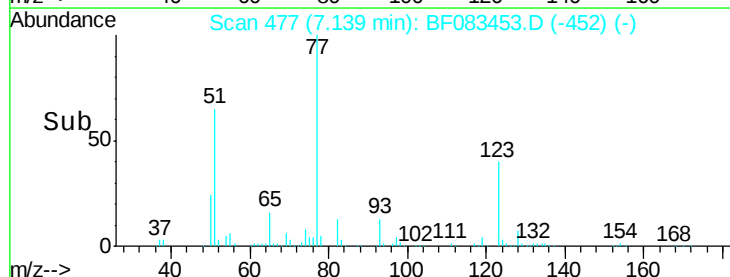
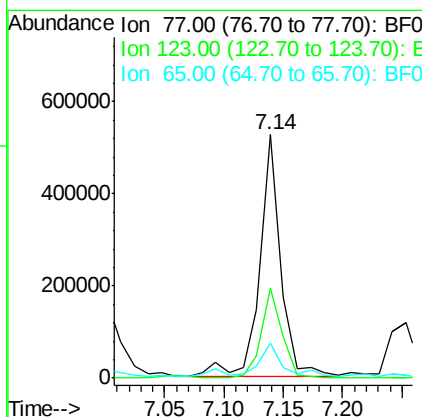
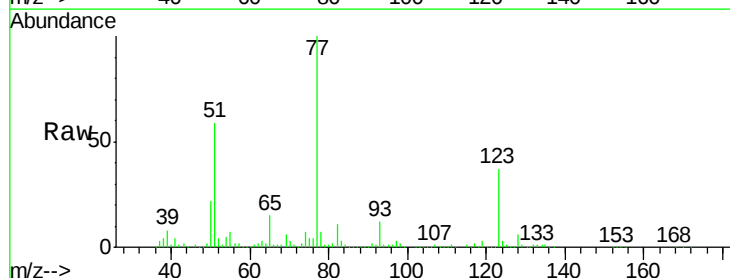
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

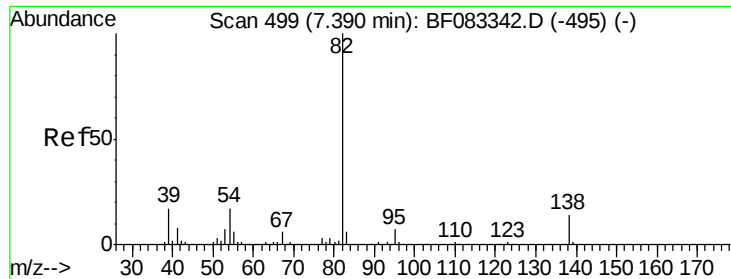
Tot Ion: 82 Resp: 1231459
 Ion Ratio Lower Upper
 82 100
 128 41.4 30.6 46.0
 54 51.2 43.8 65.6



#24
 Nitrobenzene
 Concen: 84.32 ng
 RT: 7.14 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion: 77 Resp: 650398
 Ion Ratio Lower Upper
 77 100
 123 37.0 37.4 56.0#
 65 14.6 10.6 15.8





#25

Isophorone

Concen: 88.28 ng

RT: 7.41 min Scan# 501

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

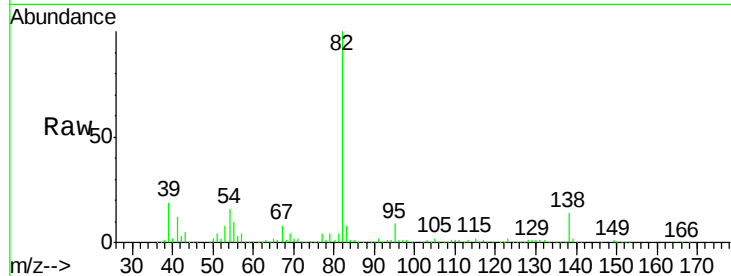
Tot Ion: 82 Resp: 1235261

Ion Ratio Lower Upper

82 100

95 8.8 5.3 7.9#

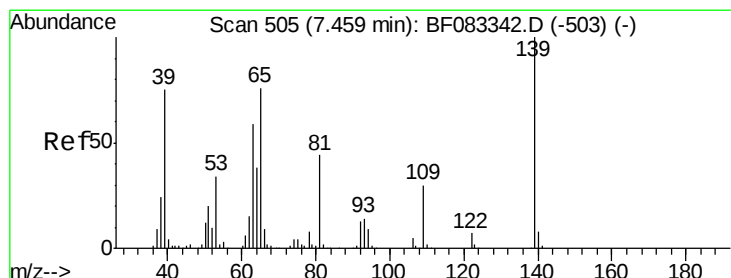
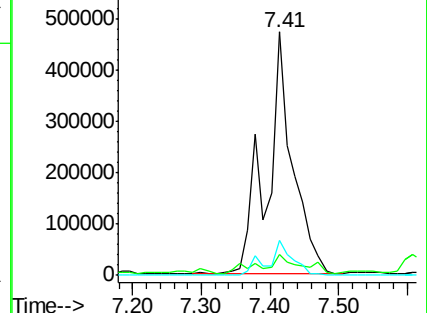
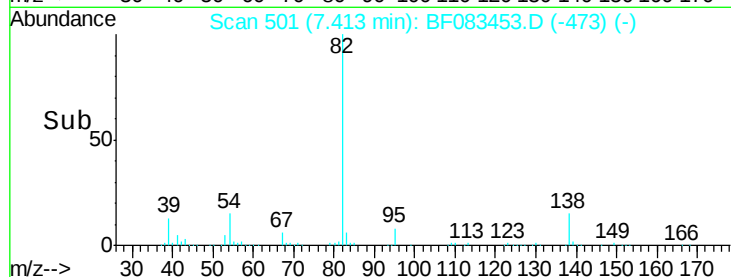
138 14.3 11.6 17.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 91.24 ng

RT: 7.47 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

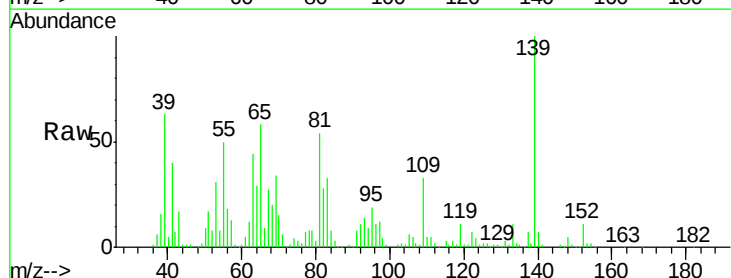
Tgt Ion: 139 Resp: 287301

Ion Ratio Lower Upper

139 100

109 33.4 24.2 36.4

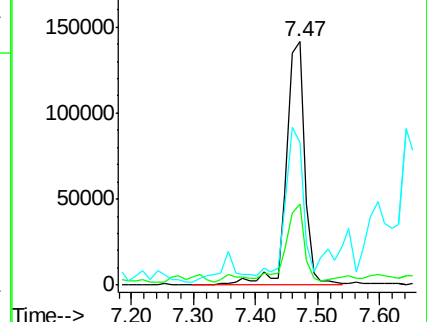
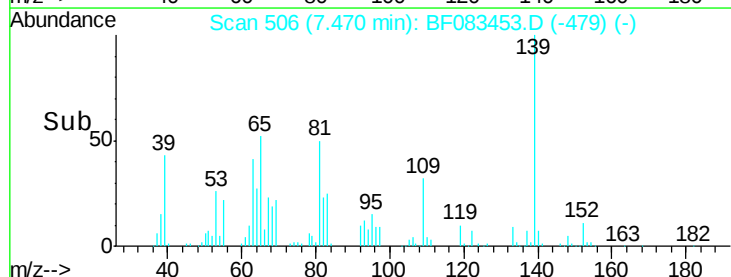
65 58.4 61.0 91.6#

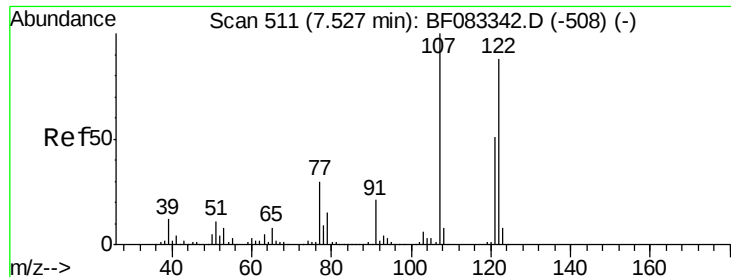


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 90.44 ng

RT: 7.55 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

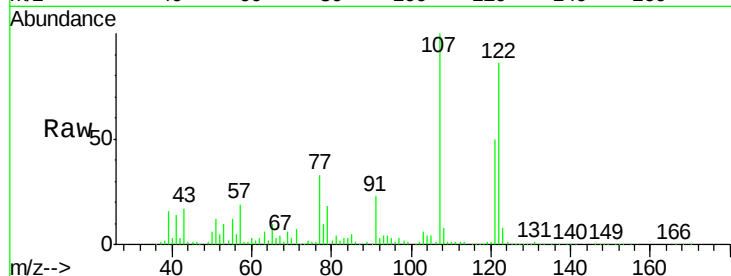
Tot Ion:122 Resp: 477398

Ion Ratio Lower Upper

122 100

107 116.6 91.2 136.8

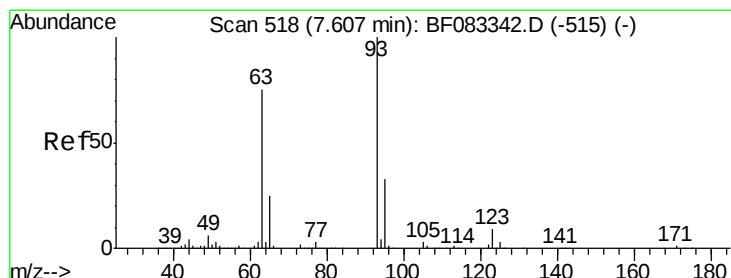
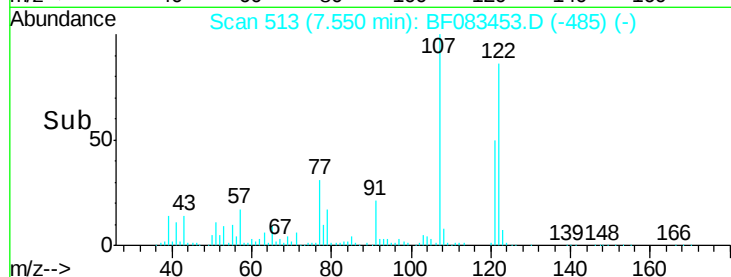
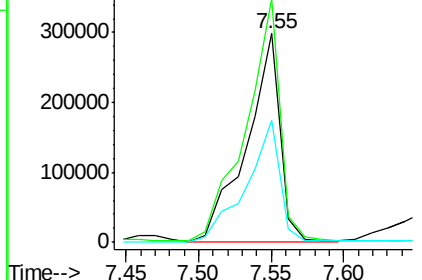
121 58.7 46.4 69.6



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: 83.02 ng

RT: 7.65 min Scan# 522

Delta R.T. 0.05 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

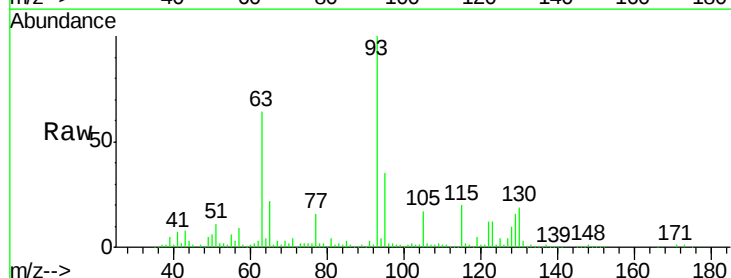
Tgt Ion: 93 Resp: 661575

Ion Ratio Lower Upper

93 100

95 35.3 26.1 39.1

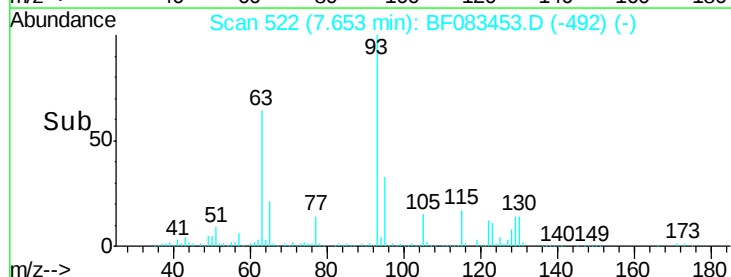
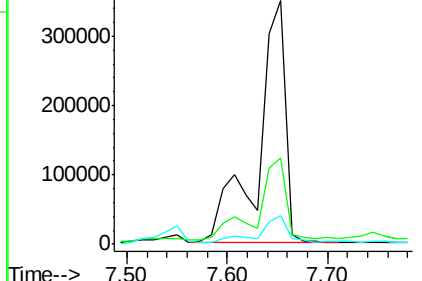
123 12.0 7.4 11.0#

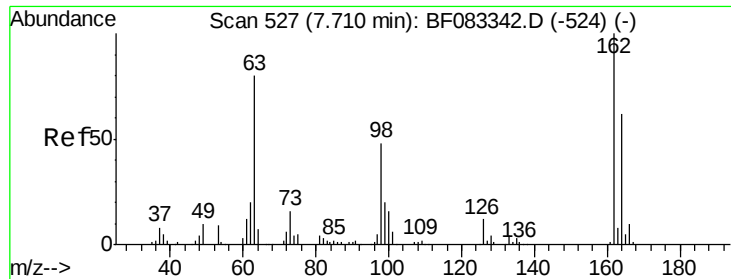


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

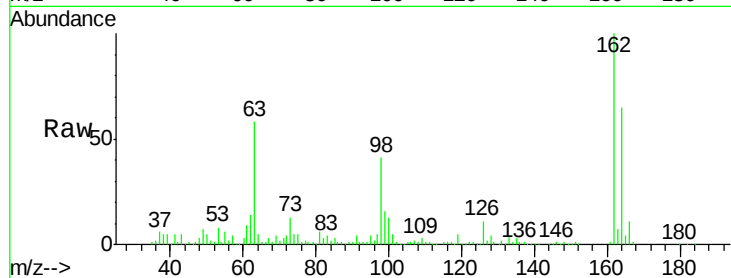




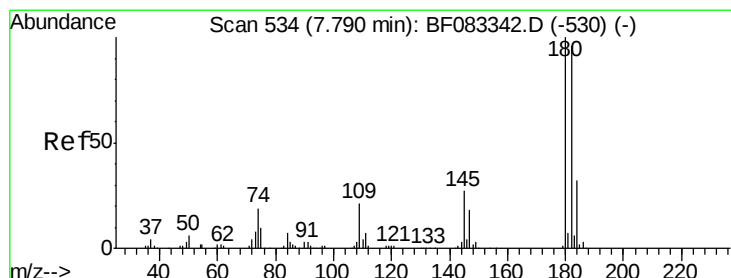
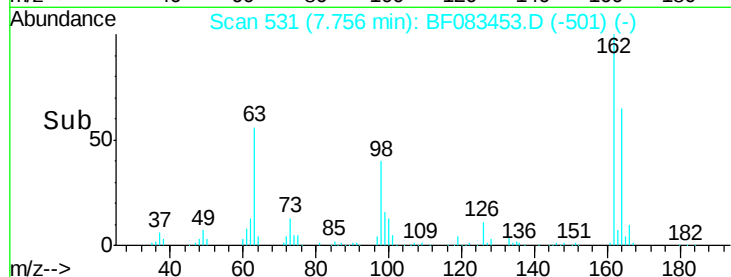
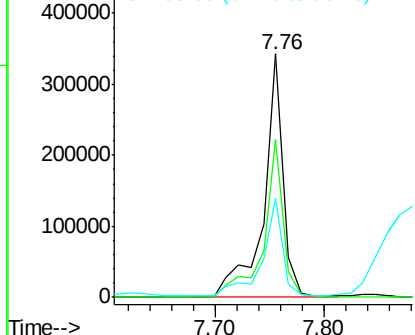
#29
 2,4-Dichlorophenol
 Concen: 85.77 ng
 RT: 7.76 min Scan# 531
 Delta R.T. 0.05 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tot Ion:162 Resp: 435437
 Ion Ratio Lower Upper
 162 100
 164 65.0 41.9 81.9
 98 40.8 28.1 68.1

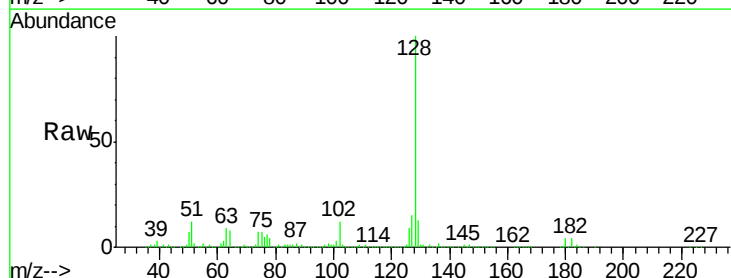


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

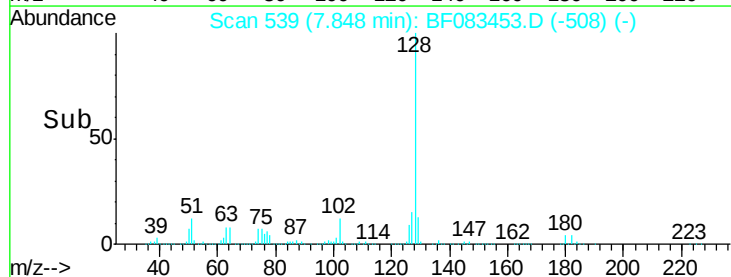
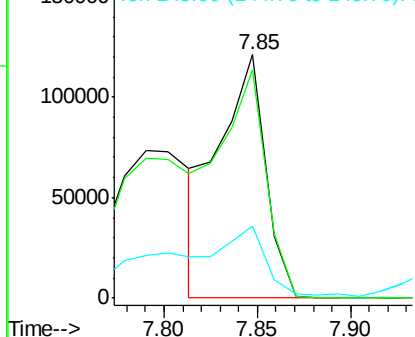


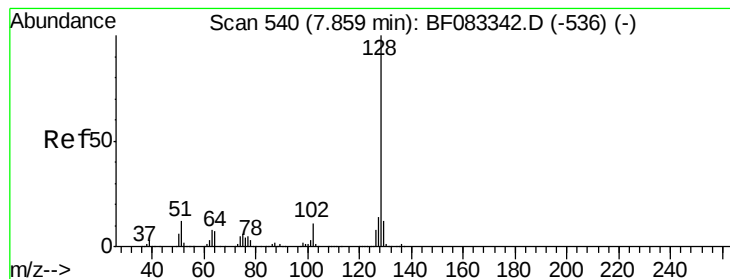
#30
 1,2,4-Trichlorobenzene
 Concen: 38.38 ng
 RT: 7.85 min Scan# 539
 Delta R.T. 0.06 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion:180 Resp: 212095
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.2 115.8
 145 29.6 21.4 32.2



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: 1511.74 ng

RT: 7.93 min Scan# 546

Delta R.T. 0.07 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

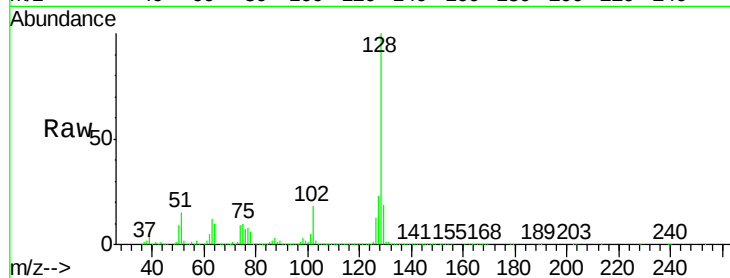
Tot Ion:128 Resp:26046130

Ion Ratio Lower Upper

128 100

129 19.5 9.7 14.5#

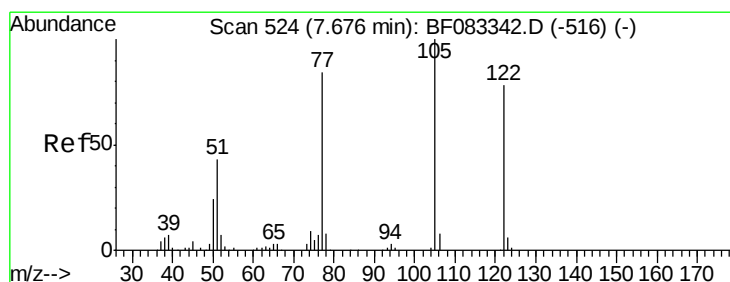
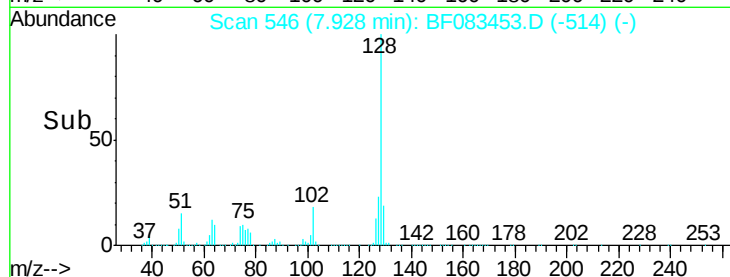
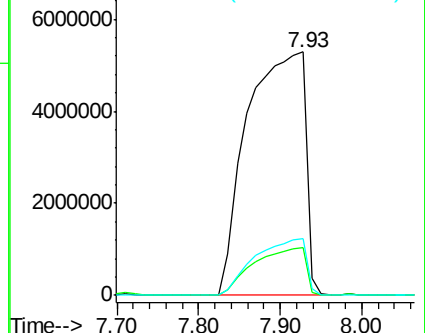
127 23.1 11.0 16.4#



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: 41.67 ng

RT: 7.66 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

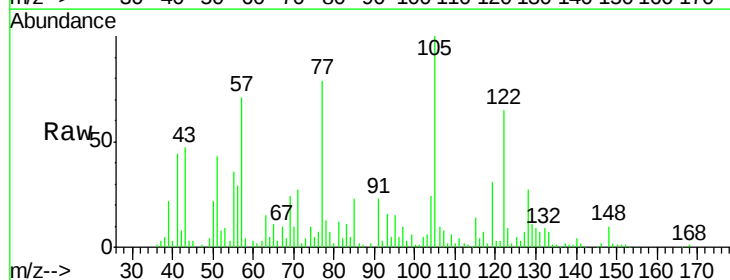
Tgt Ion:122 Resp: 151712

Ion Ratio Lower Upper

122 100

105 153.7 106.0 146.0#

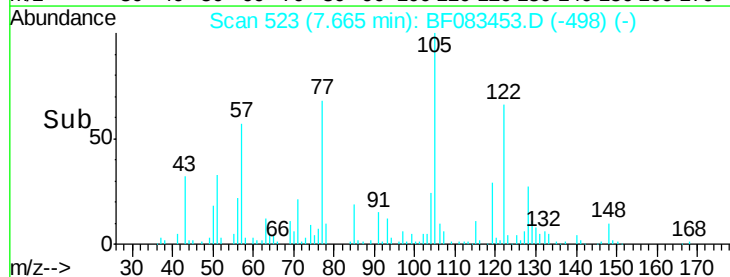
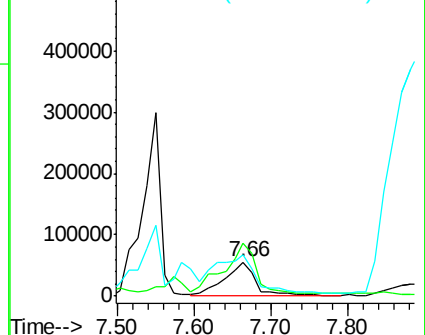
77 122.1 86.3 126.3

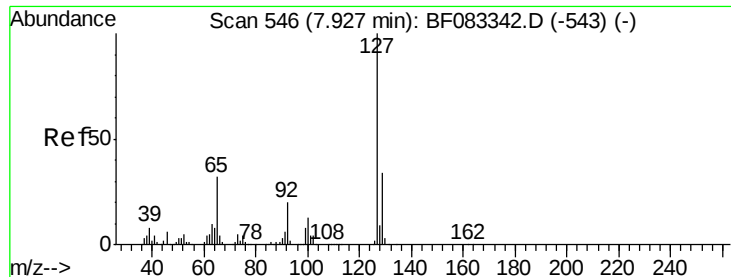


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

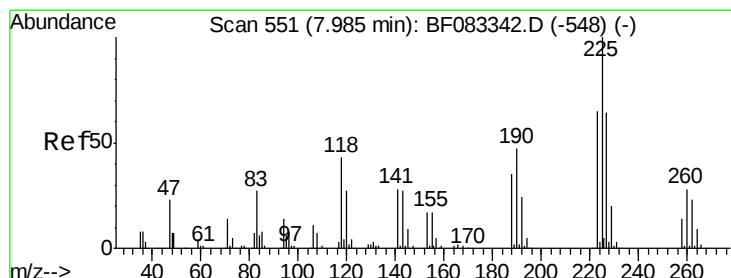
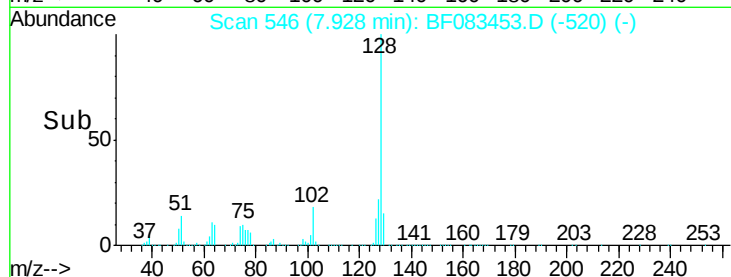
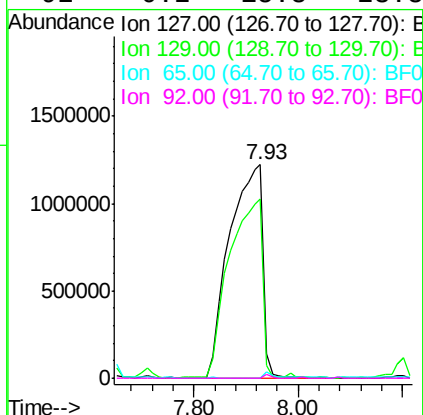
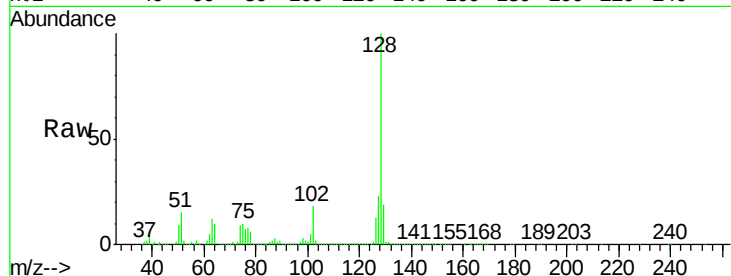




#33
4-Chloroaniline
Concen: 728.14 ng
RT: 7.93 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

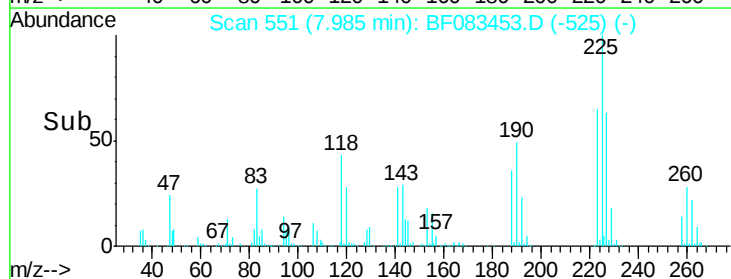
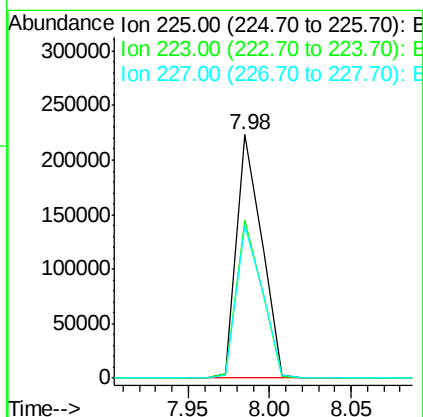
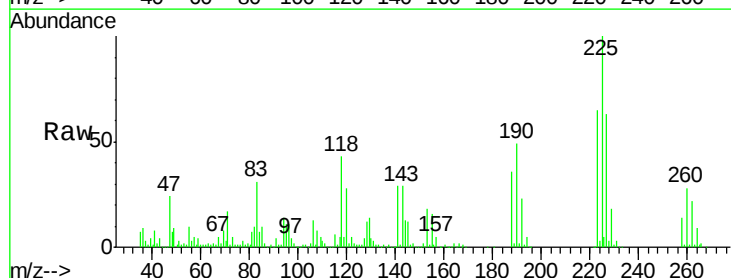
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

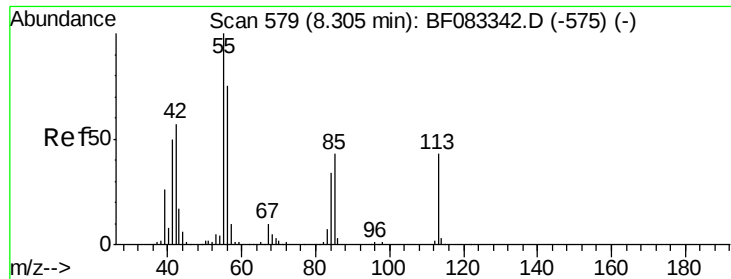
Tot Ion:127 Resp: 5408043
Ion Ratio Lower Upper
127 100
129 84.2 27.0 40.4#
65 0.0 25.9 38.9#
92 0.2 15.8 23.8#



#34
Hexachlorobutadiene
Concen: 75.79 ng
RT: 7.98 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion:225 Resp: 237800
Ion Ratio Lower Upper
225 100
223 64.7 52.0 78.0
227 62.7 51.1 76.7





#35

Caprolactam

Concen: 110.44 ng

RT: 8.30 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

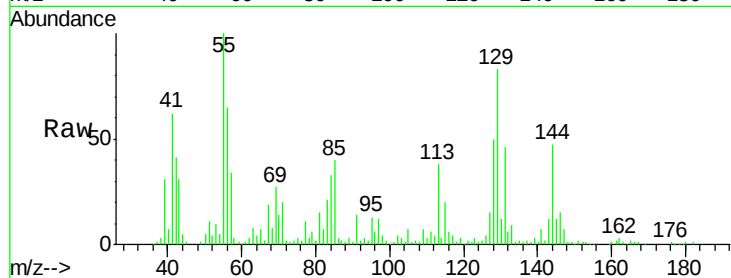
Tot Ion:113 Resp: 177150

Ion Ratio Lower Upper

113 100

55 260.7 211.6 251.6#

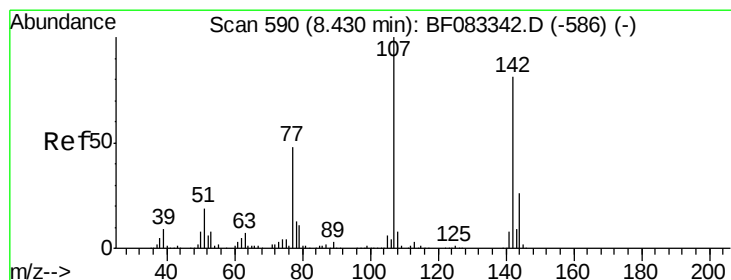
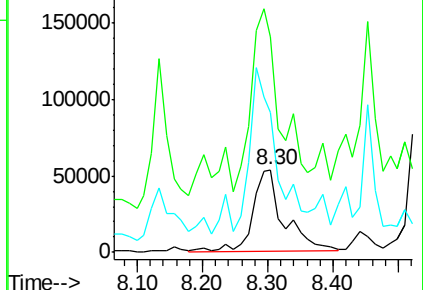
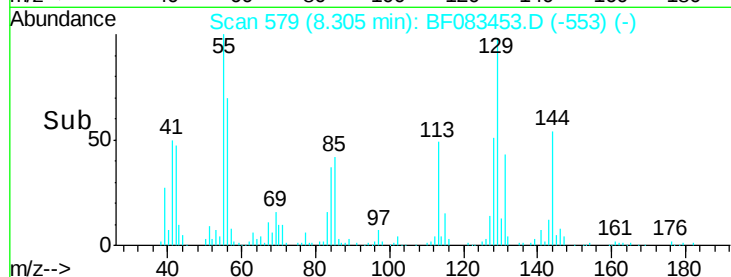
56 169.1 153.0 193.0



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: 81.55 ng

RT: 8.44 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

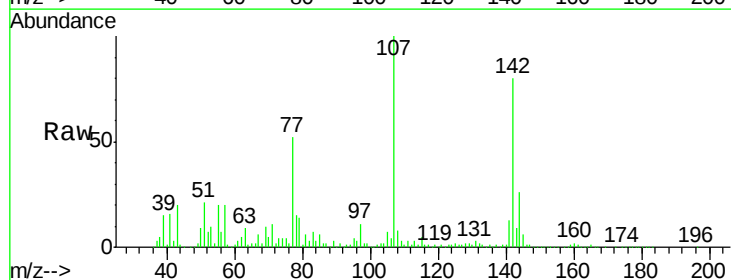
Tgt Ion:107 Resp: 464370

Ion Ratio Lower Upper

107 100

144 25.9 21.1 31.7

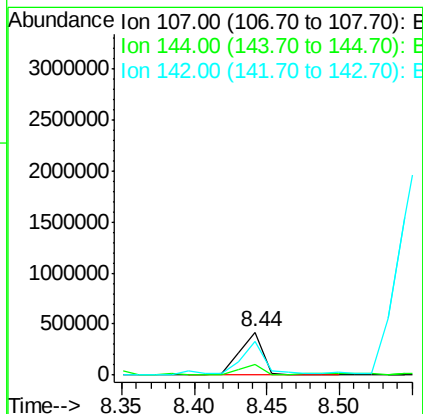
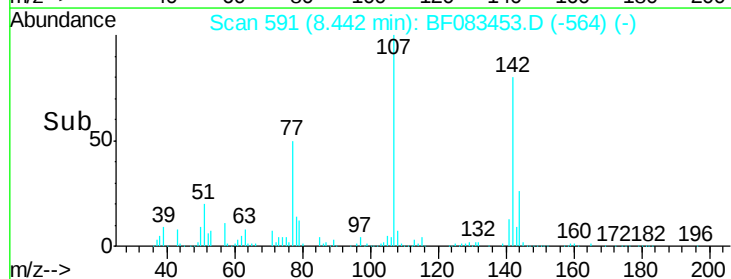
142 79.8 65.1 97.7

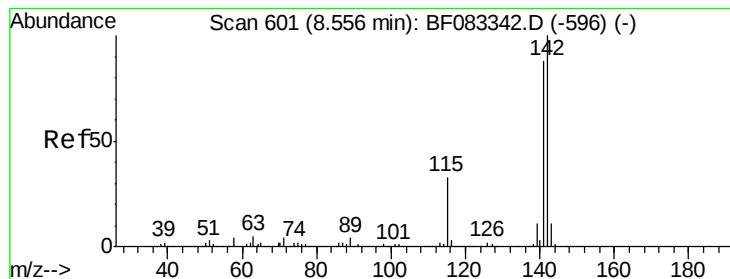


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

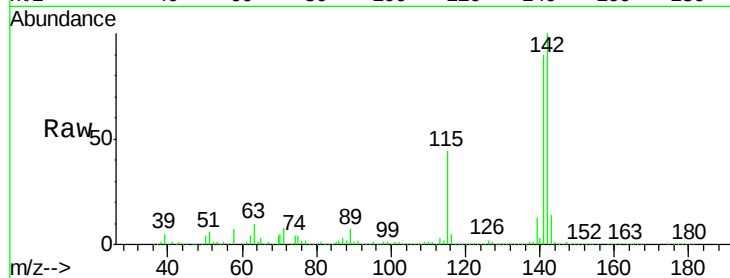




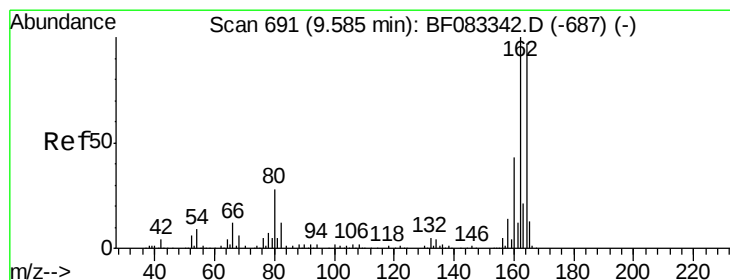
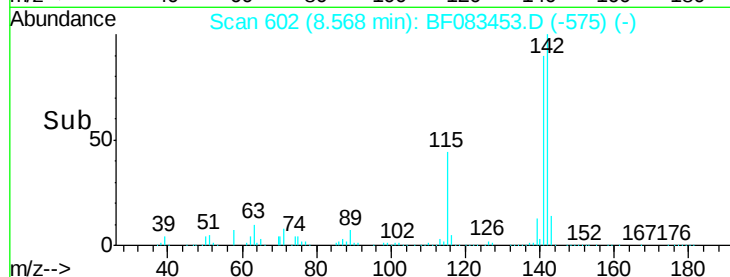
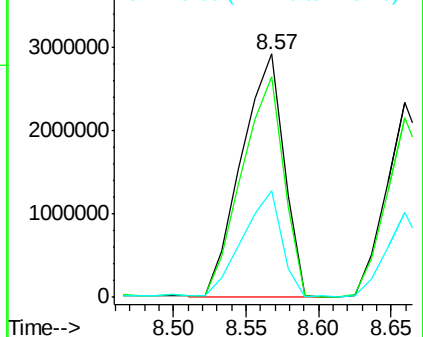
#37
 2-Methylnaphthalene
 Concen: 515.08 ng
 RT: 8.57 min Scan# 602
 Delta R.T. 0.01 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tot Ion:142 Resp: 5930979
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.6 105.8
 115 44.1 26.2 39.2#

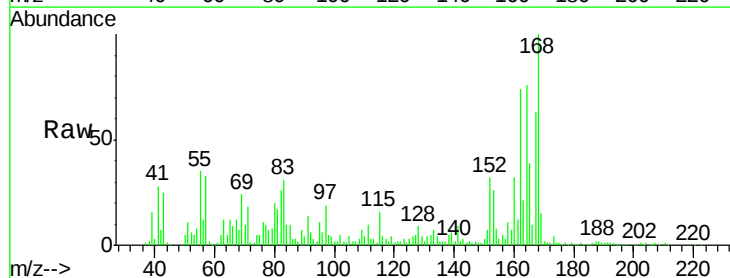


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

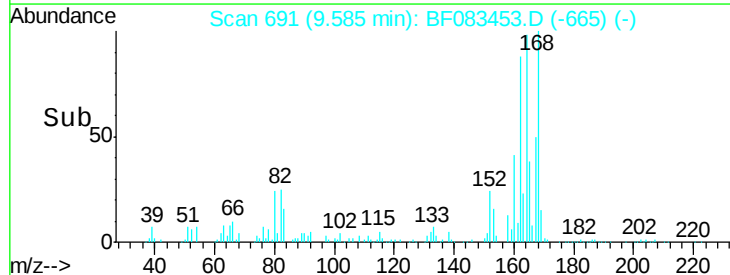
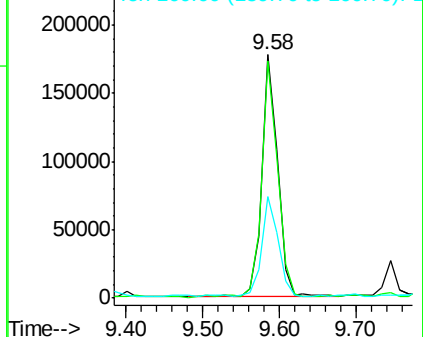


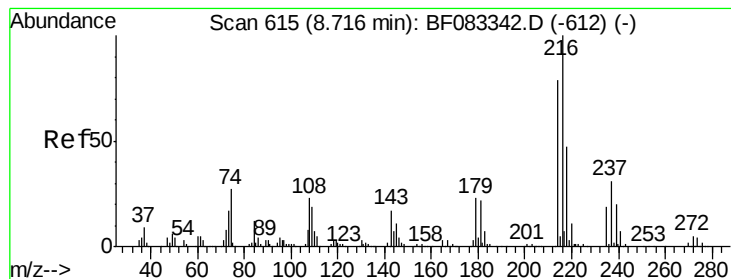
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion:164 Resp: 248317
 Ion Ratio Lower Upper
 164 100
 162 97.4 82.6 123.8
 160 41.6 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.04 ng

RT: 8.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

Tot Ion:216 Resp: 370244

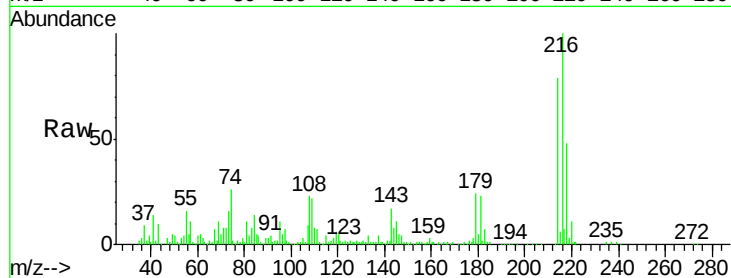
Ion Ratio Lower Upper

216 100

214 77.5 62.3 93.5

179 23.7 17.0 25.4

108 19.8 16.7 25.1

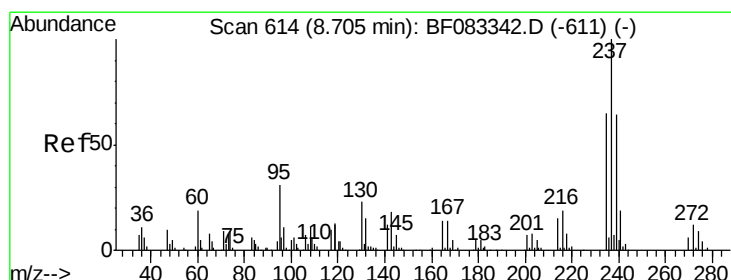
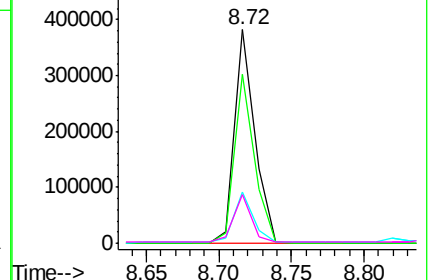
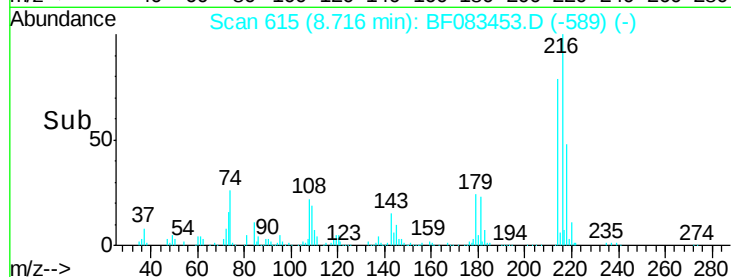


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 5.27 ng

RT: 8.70 min Scan# 614

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

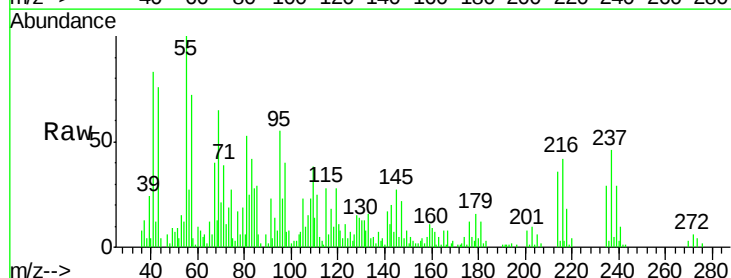
Tgt Ion:237 Resp: 19723

Ion Ratio Lower Upper

237 100

235 62.3 44.5 84.5

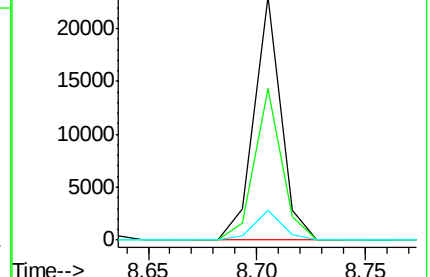
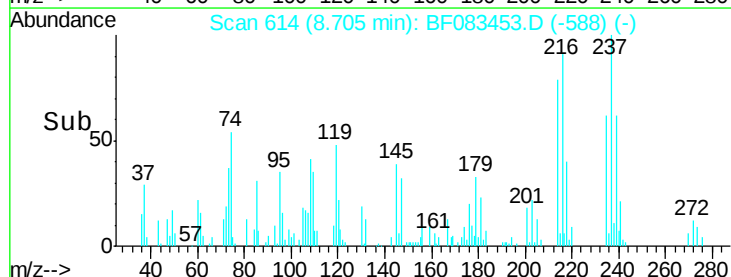
272 12.0 0.0 31.6

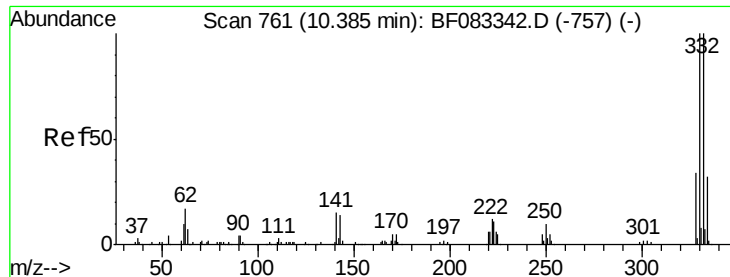


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

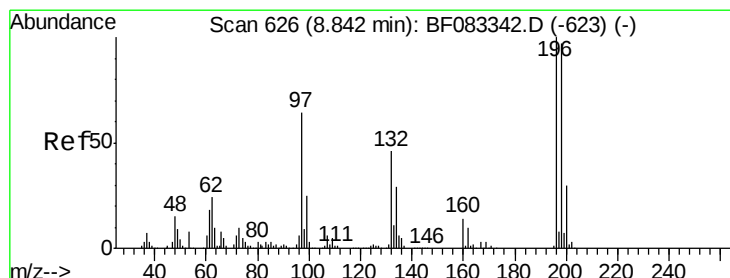
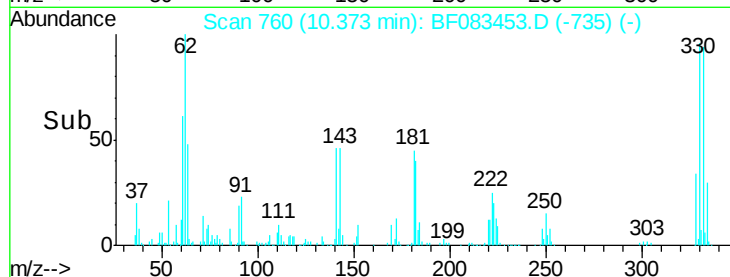
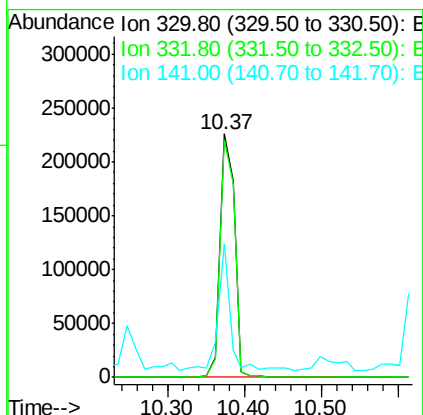
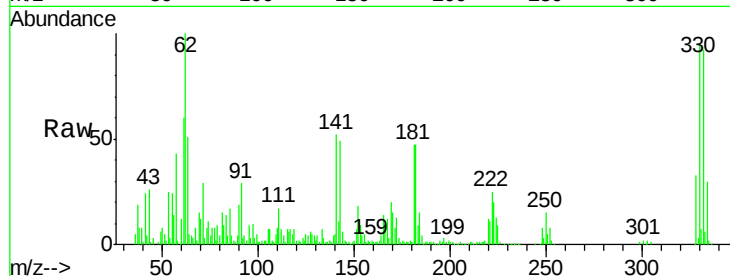




#41
 2,4,6-Tribromophenol
 Concen: 121.29 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

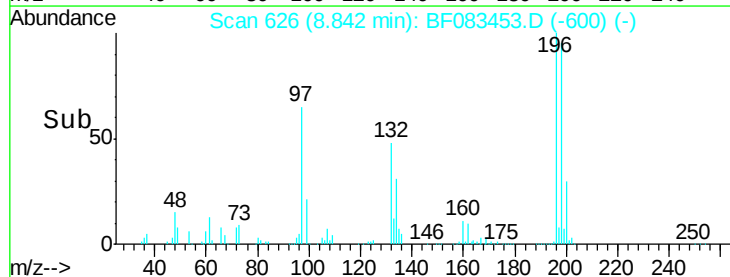
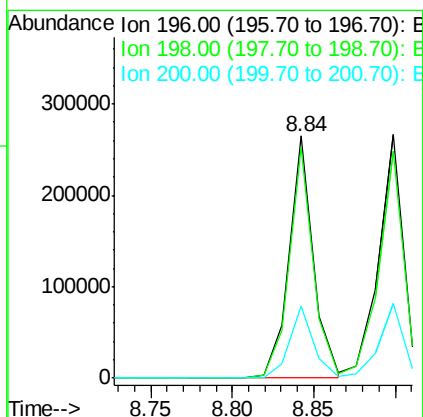
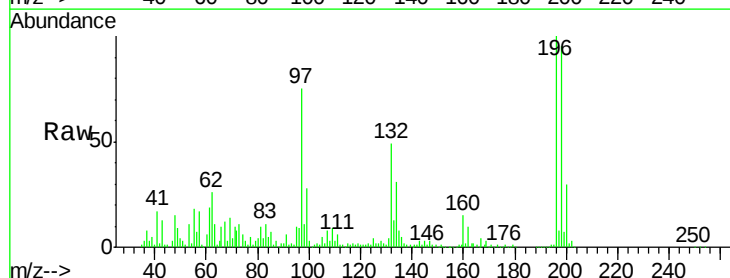
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

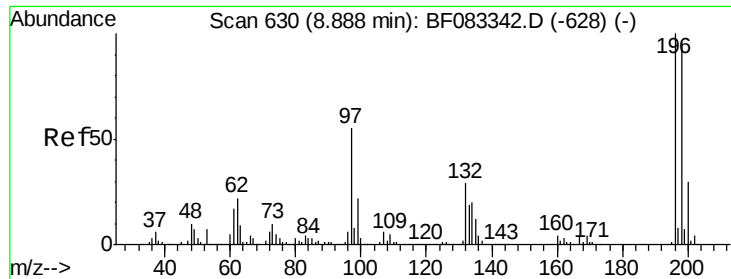
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	42.0	29.4	44.0



#42
 2,4,6-Trichlorophenol
 Concen: 49.70 ng
 RT: 8.84 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.2	115.8
200	29.9	24.2	36.4

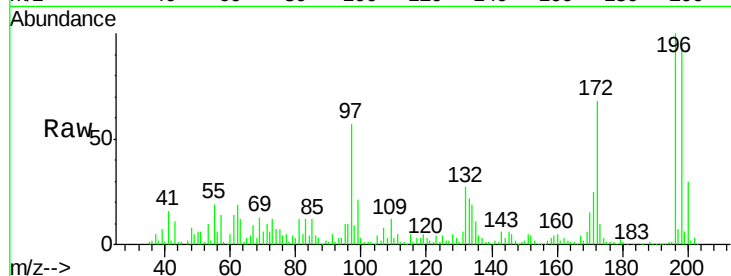




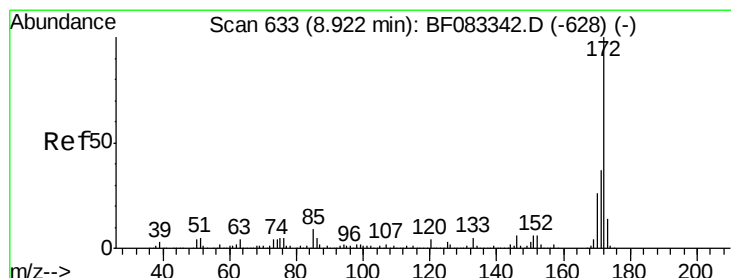
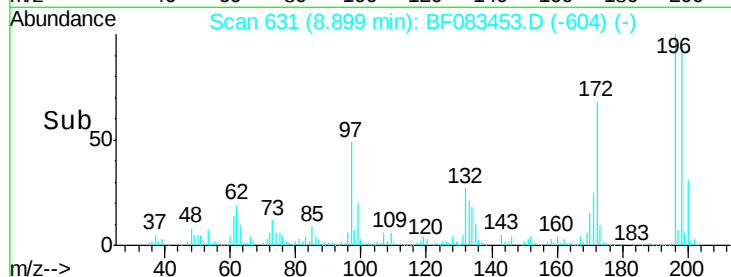
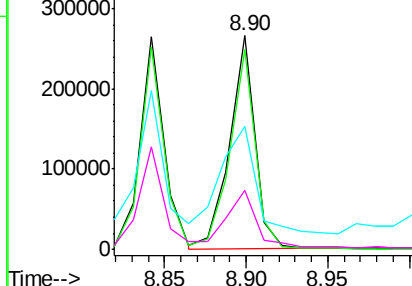
#43
 2,4,5-Trichlorophenol
 Concen: 49.51 ng
 RT: 8.90 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tot Ion:	196	Resp:	283215
Ion	Ratio	Lower	Upper
196	100		
198	93.4	77.2	115.8
97	57.3	44.4	66.6
132	27.4	23.2	34.8

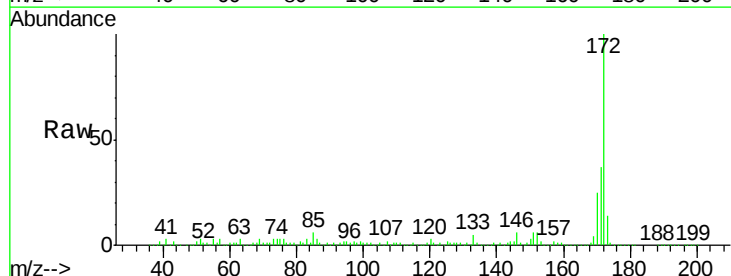


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

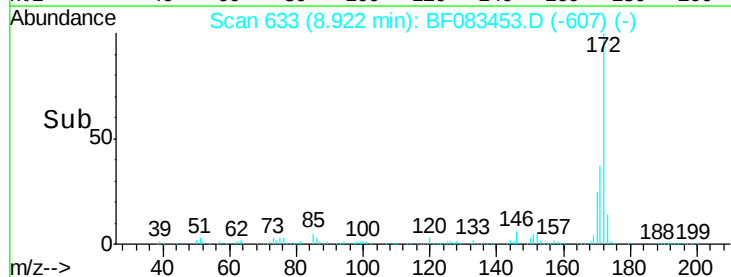
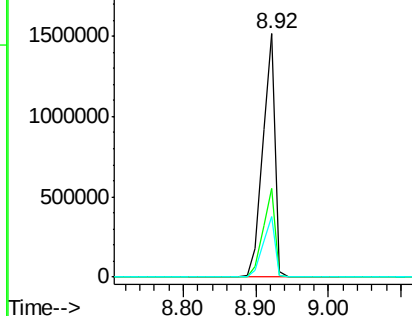


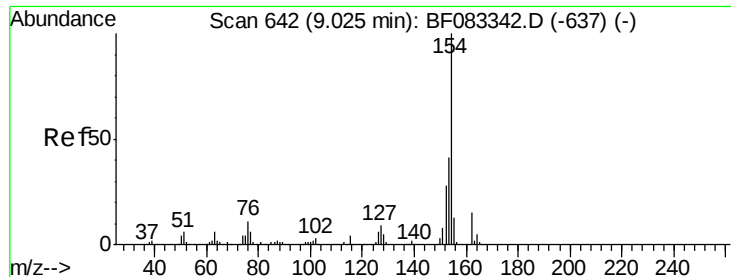
#44
 2-Fluorobiphenyl
 Concen: 105.30 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion:	172	Resp:	1834814
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.1	20.4	30.6



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





#45

1,1'-Biphenyl

Concen: 142.98 ng

RT: 9.02 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

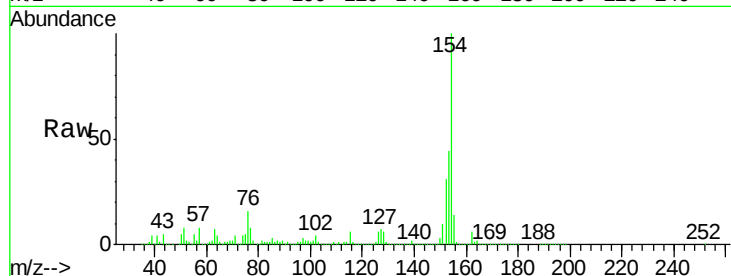
Tot Ion:154 Resp: 3113483

Ion Ratio Lower Upper

154 100

153 43.6 20.6 60.6

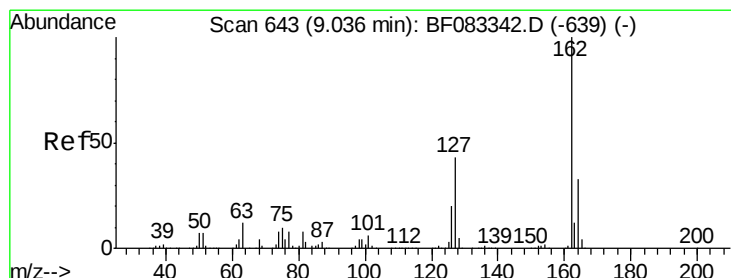
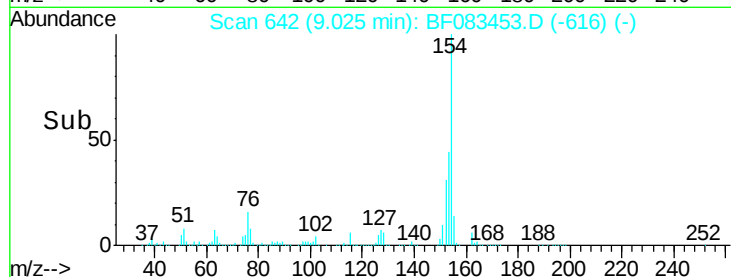
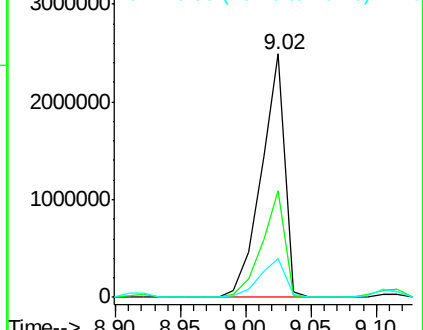
76 15.8 0.0 30.5



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: 46.62 ng

RT: 9.04 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

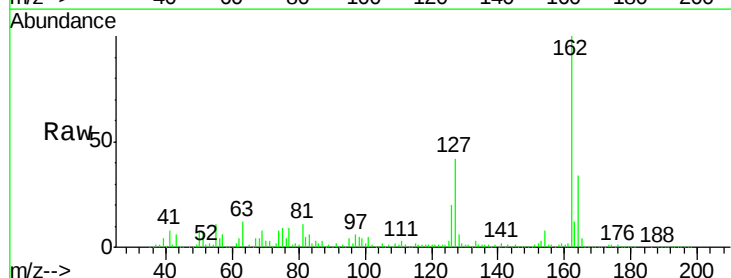
Tgt Ion:162 Resp: 773595

Ion Ratio Lower Upper

162 100

127 42.4 34.1 51.1

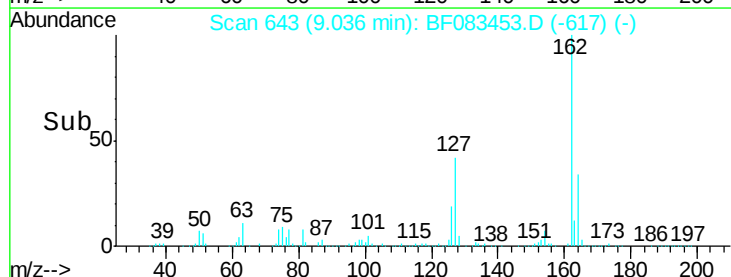
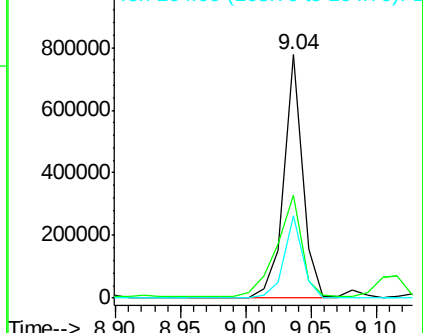
164 33.6 26.6 39.8

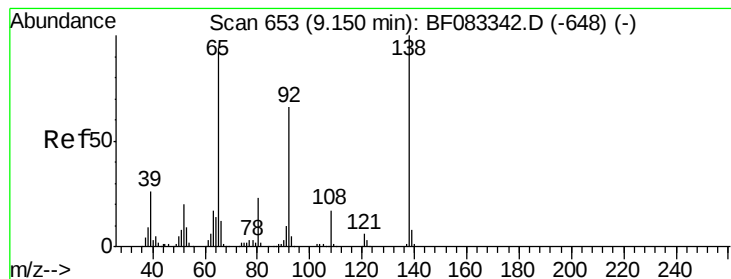


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.90 ng

RT: 9.15 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

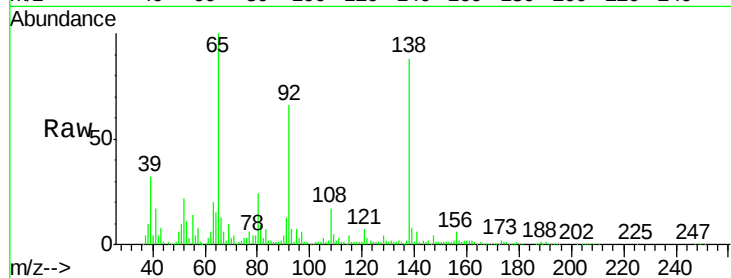
Tot Ion: 65 Resp: 393637

Ion Ratio Lower Upper

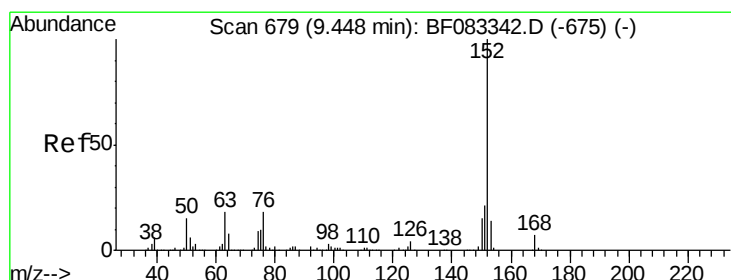
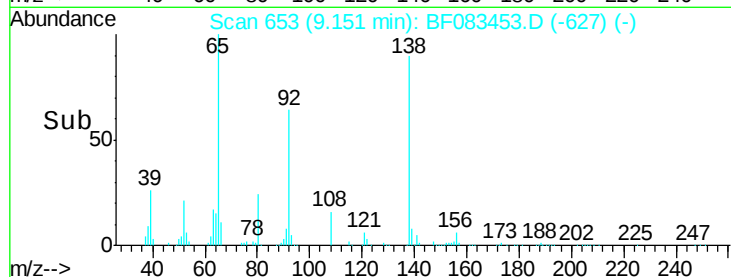
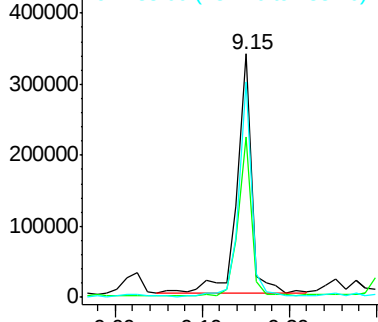
65 100

92 65.9 56.2 84.4

138 88.3 85.4 128.0



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 145.79 ng

RT: 9.46 min Scan# 680

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

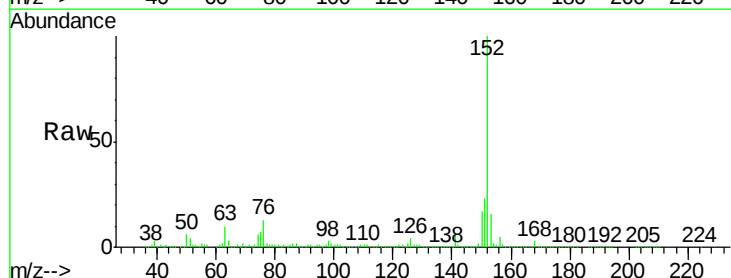
Tgt Ion:152 Resp: 3858706

Ion Ratio Lower Upper

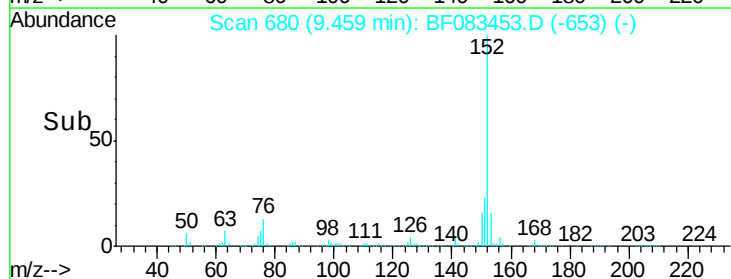
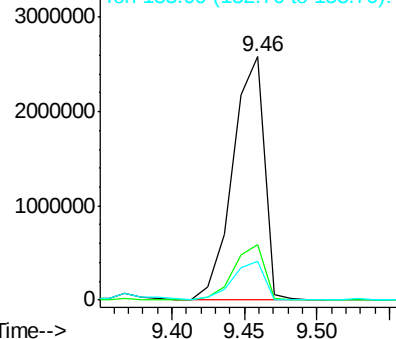
152 100

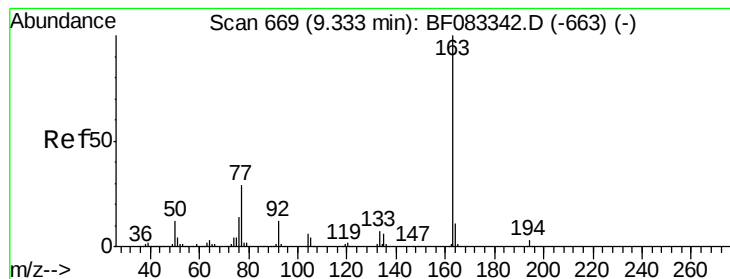
151 22.7 16.7 25.1

153 15.7 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 62.09 ng

RT: 9.33 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

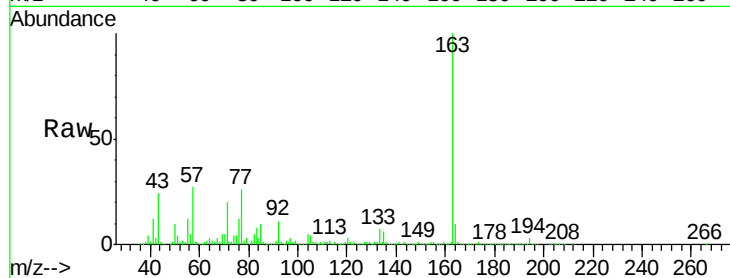
Tot Ion:163 Resp: 1253024

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

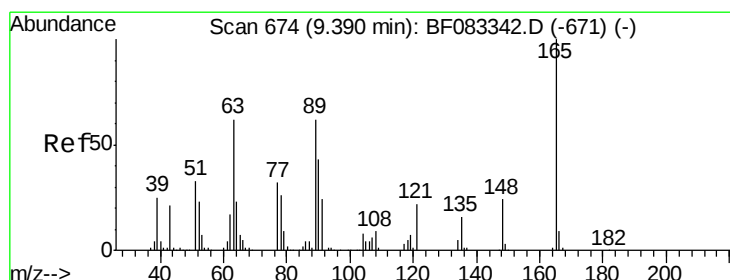
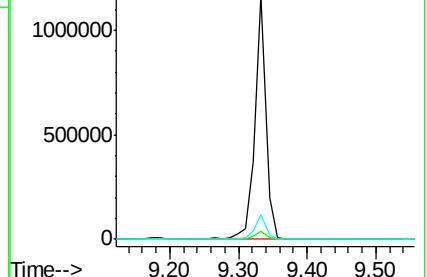
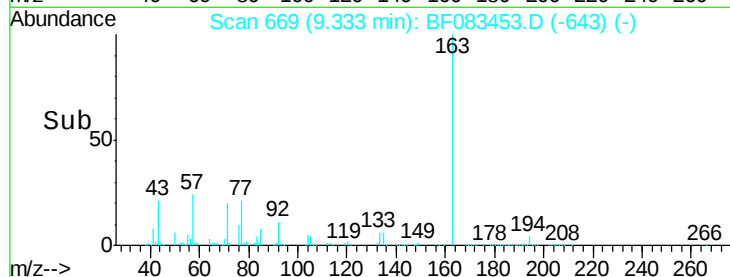
164 10.3 8.8 13.2



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: 47.72 ng

RT: 9.40 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

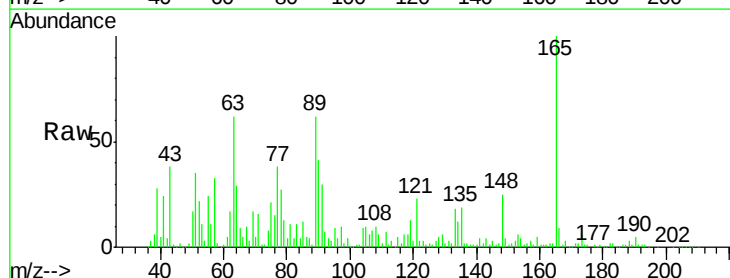
Tgt Ion:165 Resp: 205666

Ion Ratio Lower Upper

165 100

63 62.4 56.0 84.0

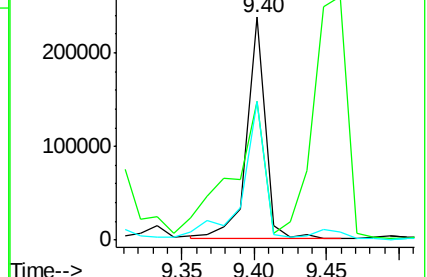
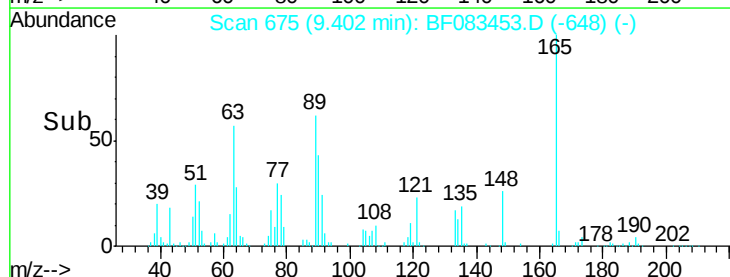
89 62.2 49.8 74.8

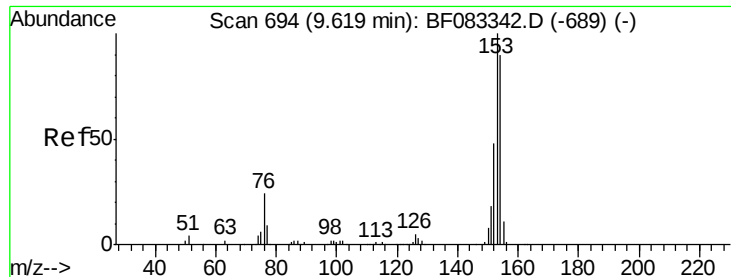


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 313.70 ng

RT: 9.64 min Scan# 696

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

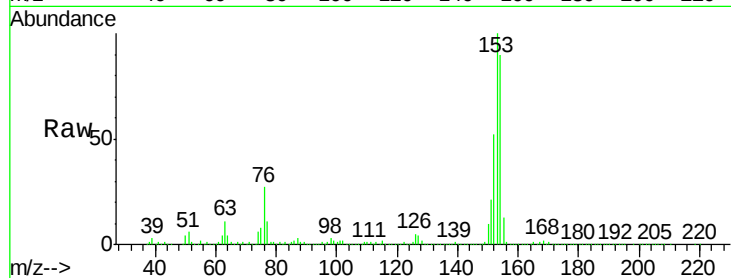
Tot Ion:154 Resp: 4883955

Ion Ratio Lower Upper

154 100

153 110.9 89.3 133.9

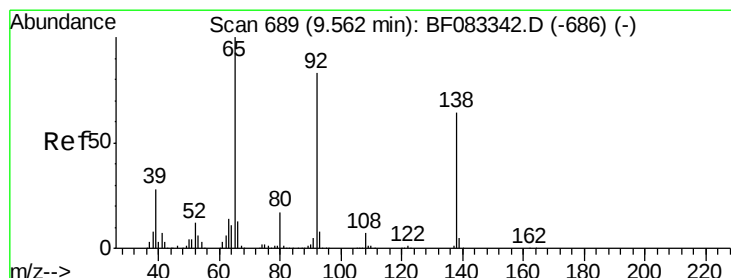
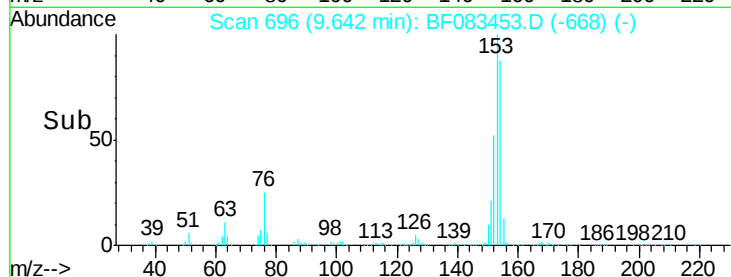
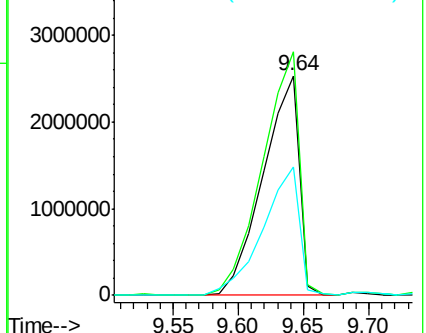
152 58.2 42.5 63.7



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: 34.08 ng

RT: 9.57 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

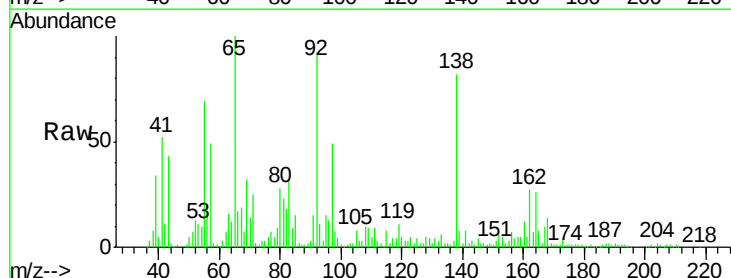
Tgt Ion:138 Resp: 172140

Ion Ratio Lower Upper

138 100

108 12.3 8.4 12.6

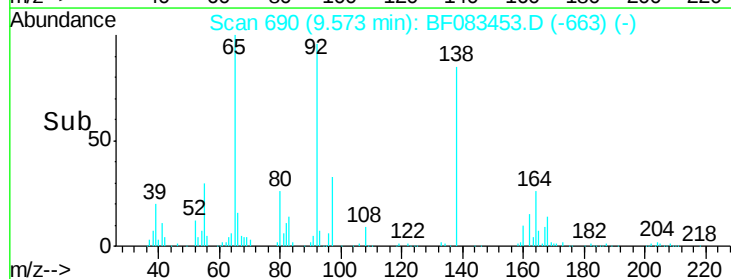
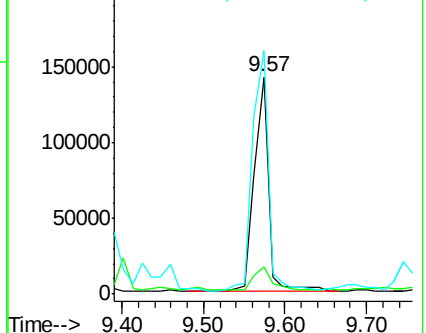
92 112.1 104.2 156.4

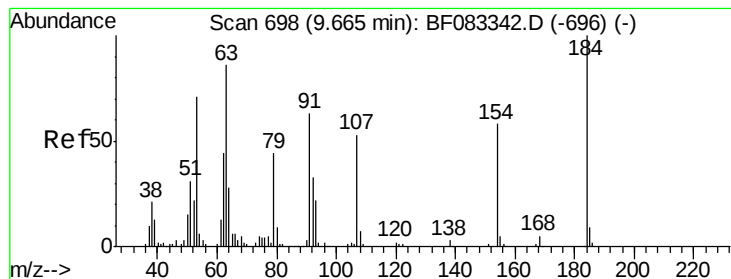


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 12.75 ng

RT: 9.69 min Scan# 700

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

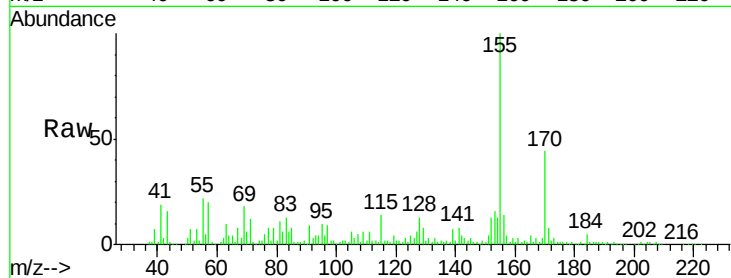
Tot Ion:184 Resp: 25174

Ion Ratio Lower Upper

184 100

63 195.8 69.0 103.6#

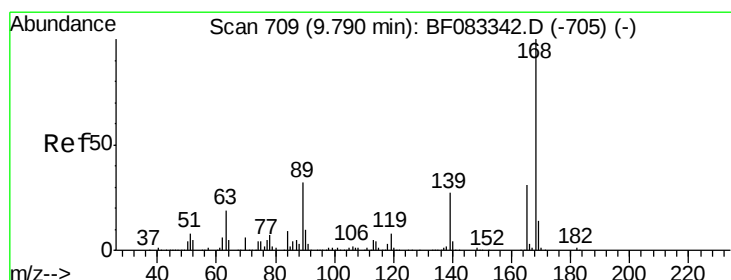
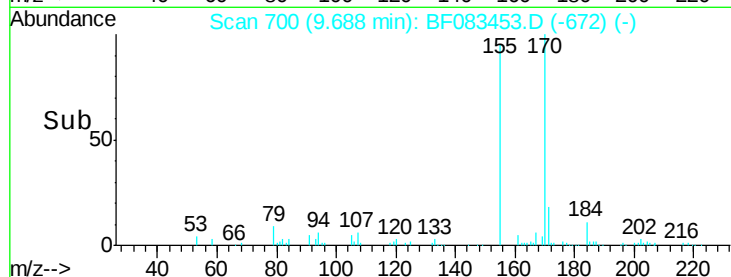
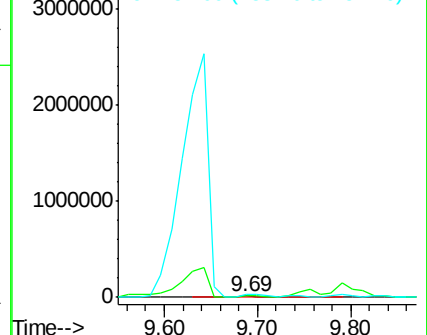
154 257.7 50.0 75.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 64.61 ng

RT: 9.79 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

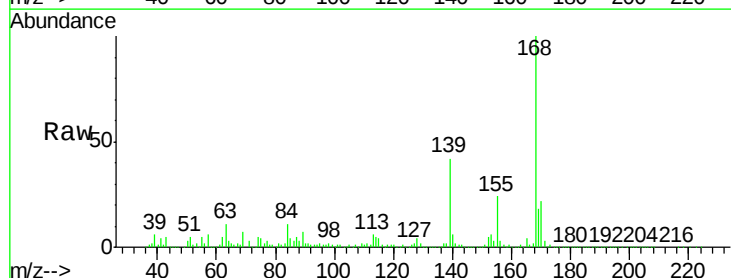
Tgt Ion:168 Resp: 1474168

Ion Ratio Lower Upper

168 100

139 42.3 32.7 49.1

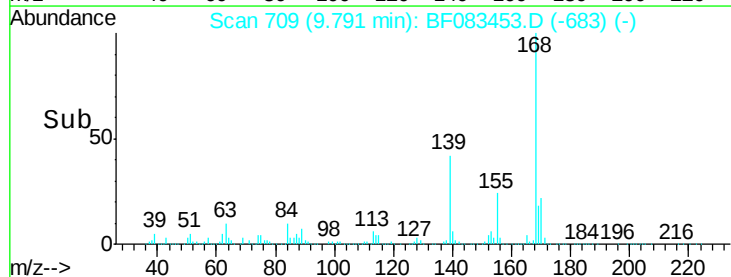
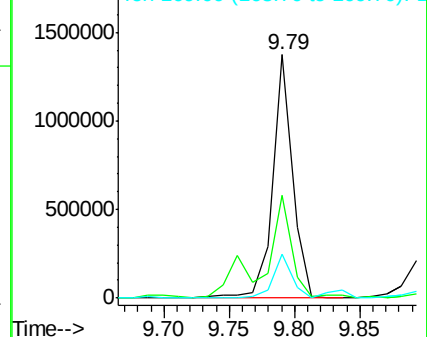
169 17.9 11.1 16.7#

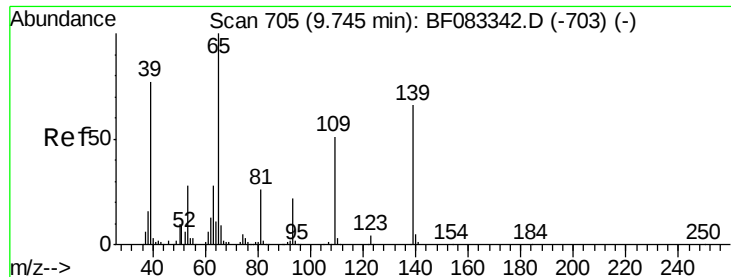


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

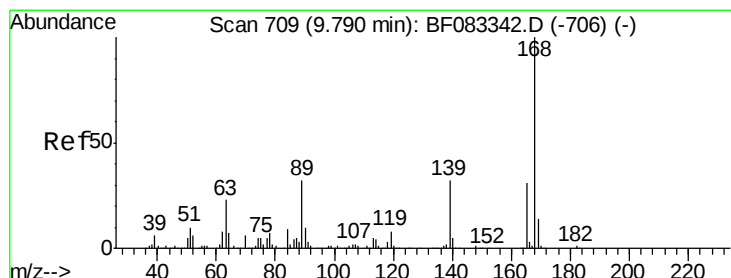
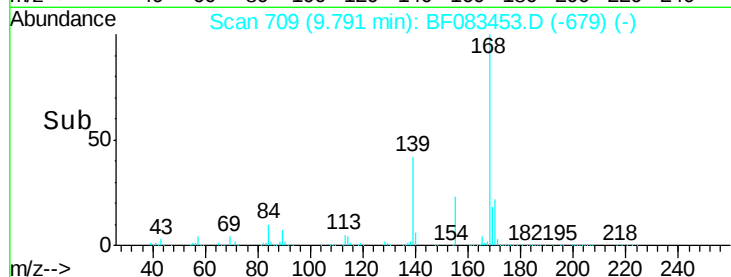
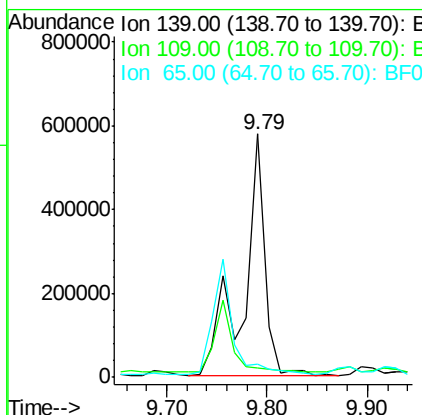
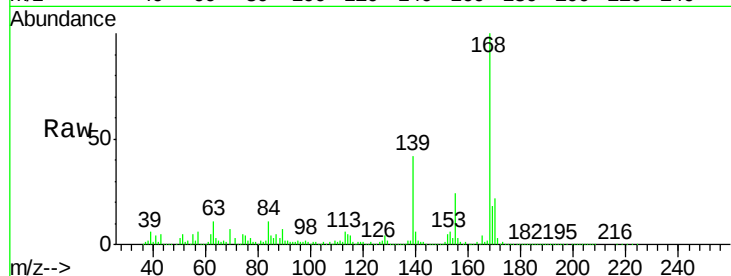




#55
4-Nitrophenol
Concen: 275.68 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.05 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

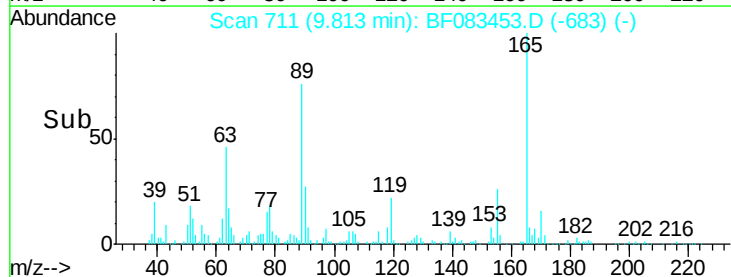
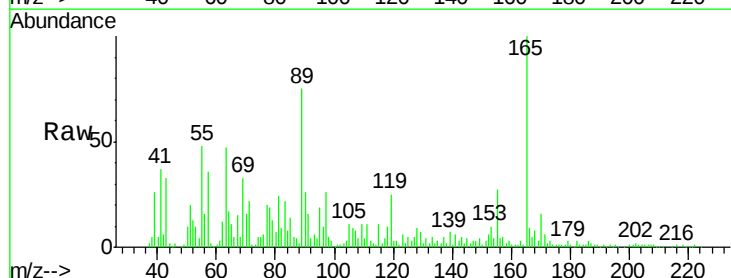
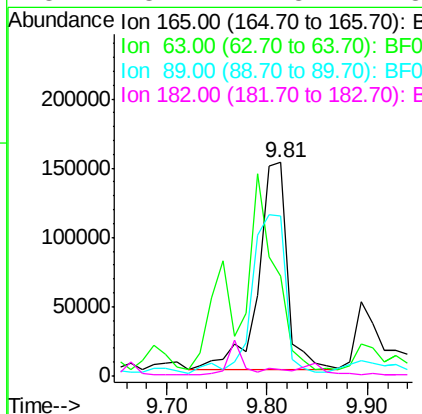
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

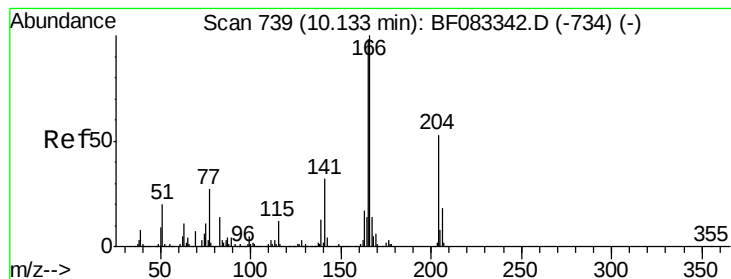
Tot Ion	Ratio	Lower	Upper
139	100		
109	3.9	57.4	97.4#
65	5.5	131.6	171.6#



#56
2,4-Dinitrotoluene
Concen: 55.38 ng
RT: 9.81 min Scan# 711
Delta R.T. 0.02 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.7	65.4	98.0#
89	74.6	81.2	121.8#
182	3.1	1.8	2.8#





#57

Fluorene

Concen: 202.08 ng

RT: 10.14 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

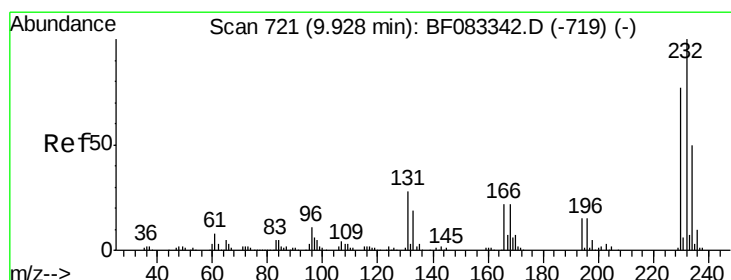
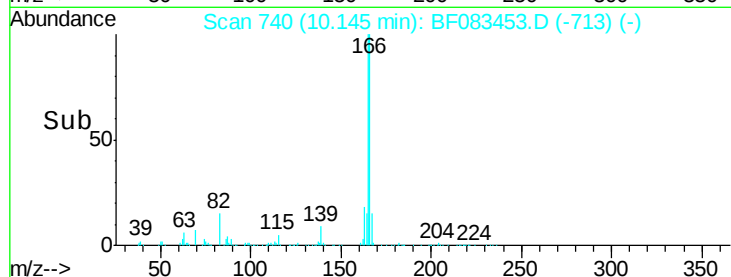
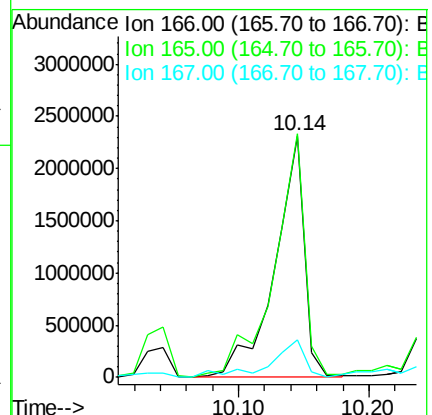
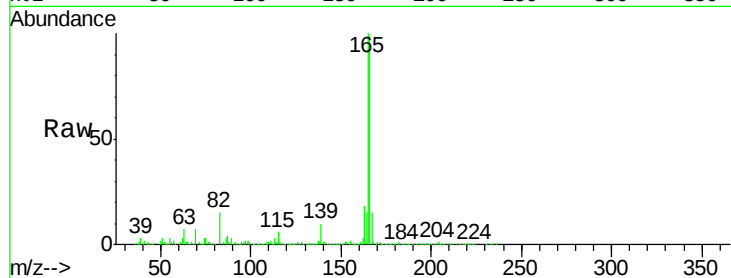
Tot Ion:166 Resp: 3640735

Ion Ratio Lower Upper

166 100

165 100.8 78.3 117.5

167 15.6 11.1 16.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.83 ng

RT: 9.93 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Tgt Ion:232 Resp: 206932

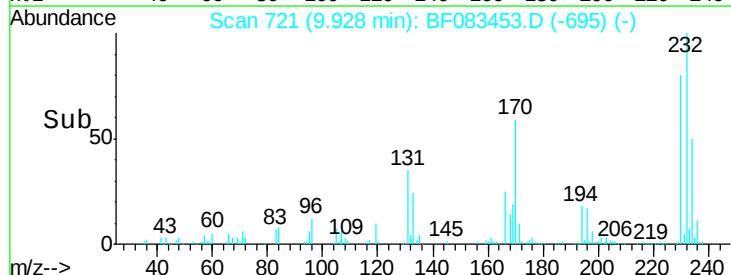
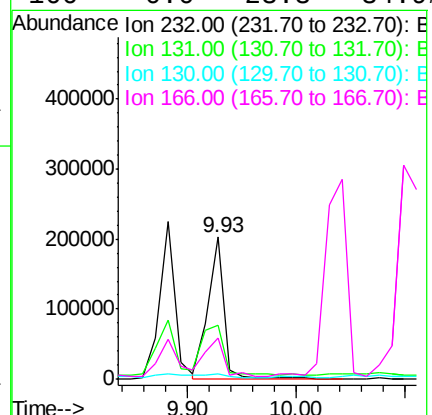
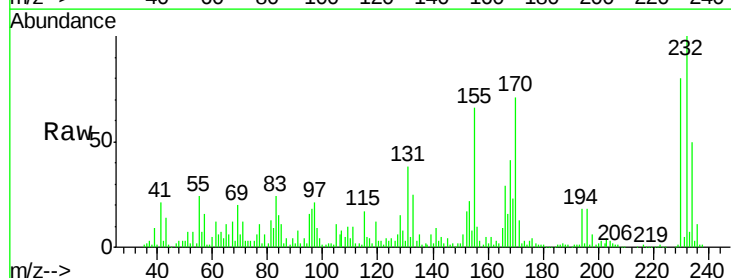
Ion Ratio Lower Upper

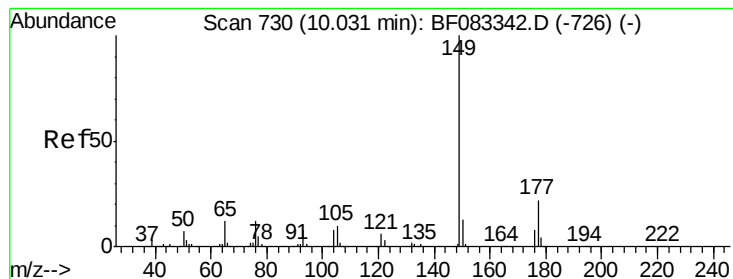
232 100

131 47.6 35.4 53.2

130 0.0 1.7 2.5#

166 0.0 23.3 34.9#





#59

Diethylphthalate

Concen: 47.74 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

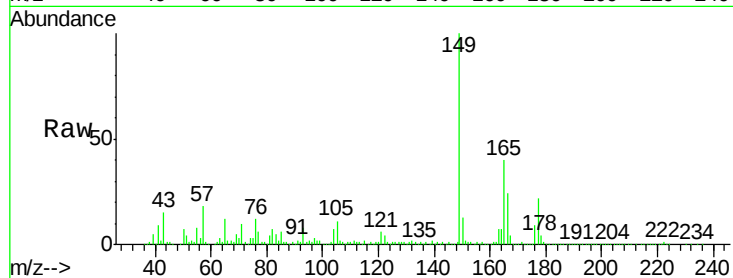
Tot Ion:149 Resp: 918243

Ion Ratio Lower Upper

149 100

177 22.5 17.4 26.2

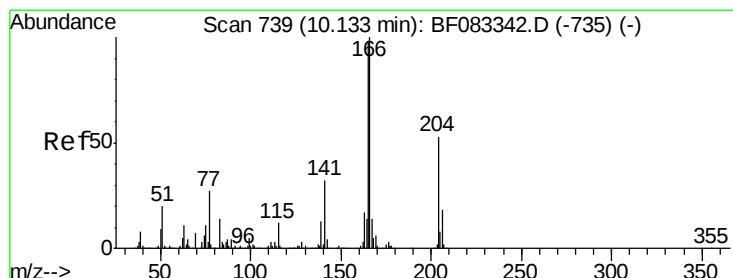
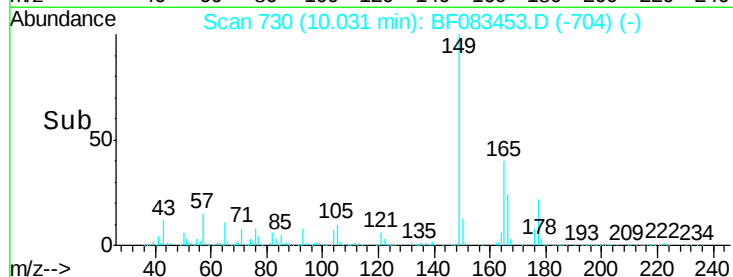
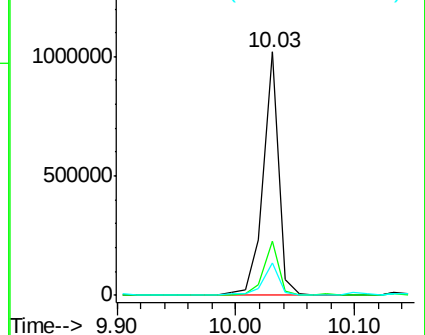
150 13.4 10.4 15.6



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: 43.50 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

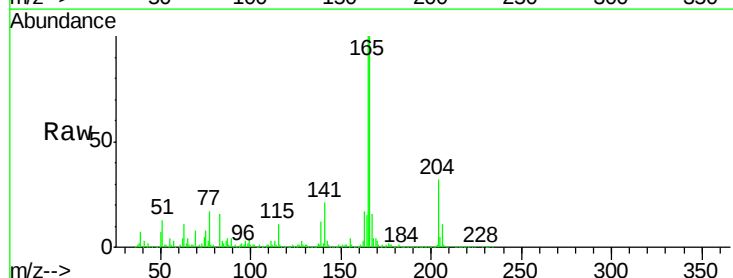
Tgt Ion:204 Resp: 360062

Ion Ratio Lower Upper

204 100

206 34.6 27.5 41.3

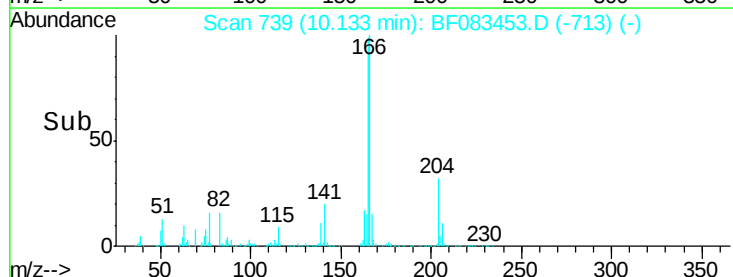
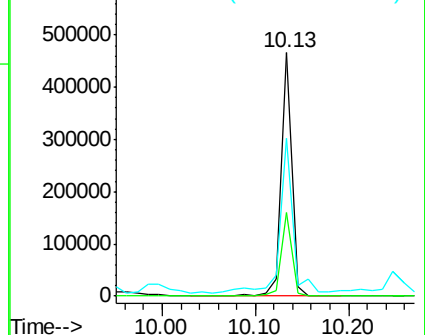
141 64.9 48.1 72.1

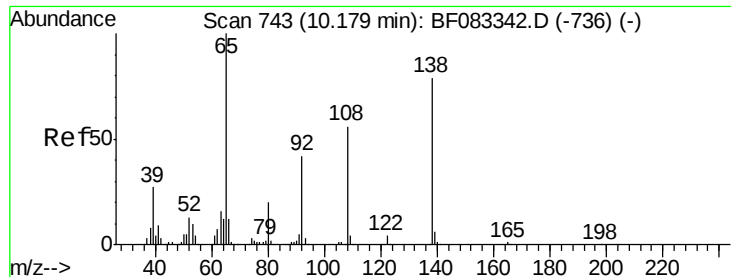


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.31 ng

RT: 10.17 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

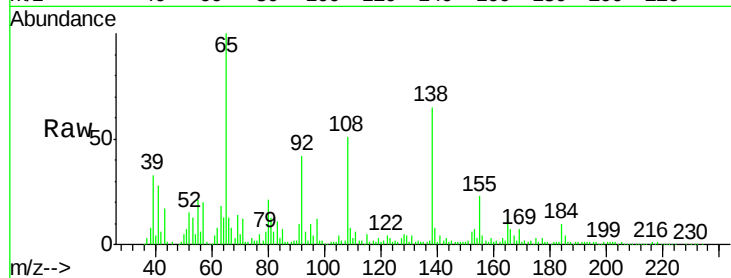
Tot Ion:138 Resp: 208783

Ion Ratio Lower Upper

138 100

92 63.8 33.6 73.6

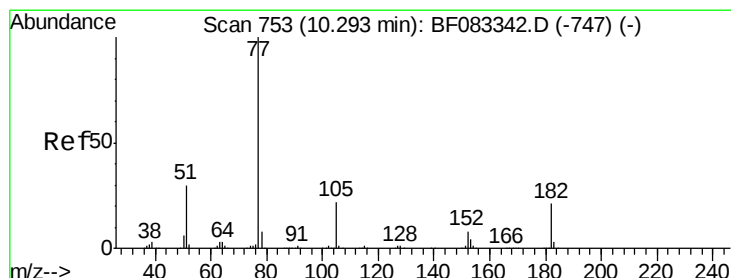
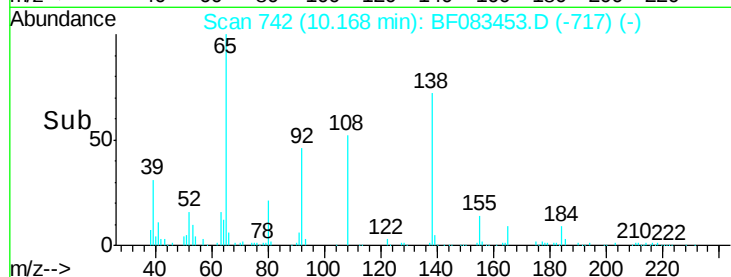
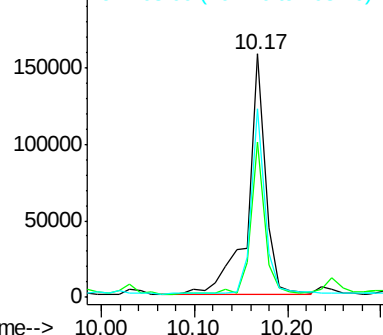
108 77.6 51.0 91.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.42 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Tgt Ion: 77 Resp: 1078757

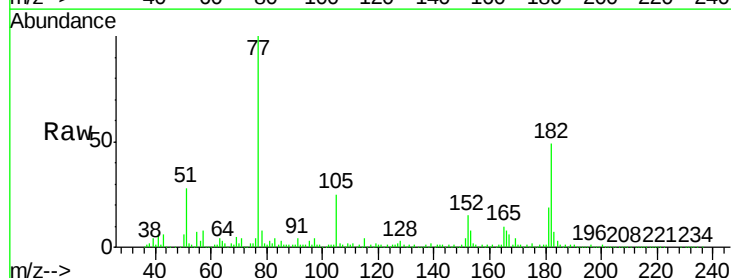
Ion Ratio Lower Upper

77 100

182 49.3 0.8 40.8#

105 25.4 2.3 42.3

51 28.1 10.6 50.6

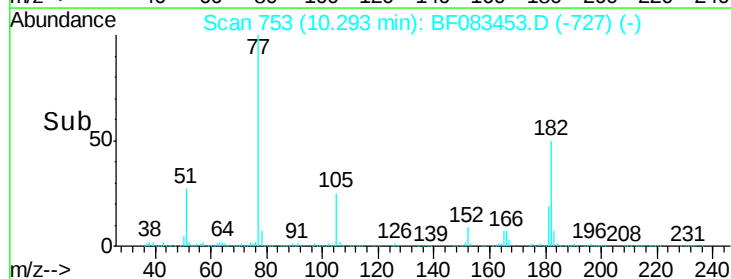
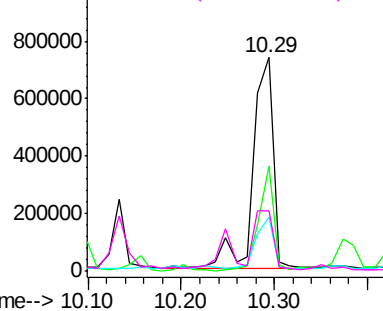


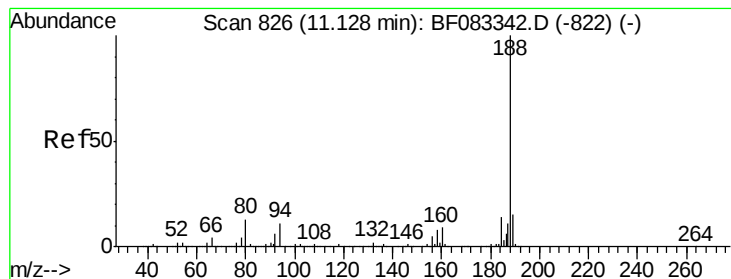
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

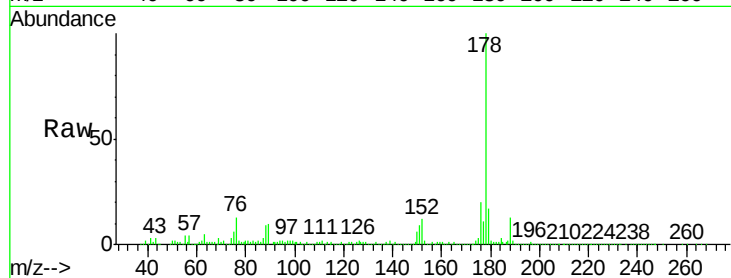
Tot Ion:188 Resp: 343881

Ion Ratio Lower Upper

188 100

94 11.8 8.7 13.1

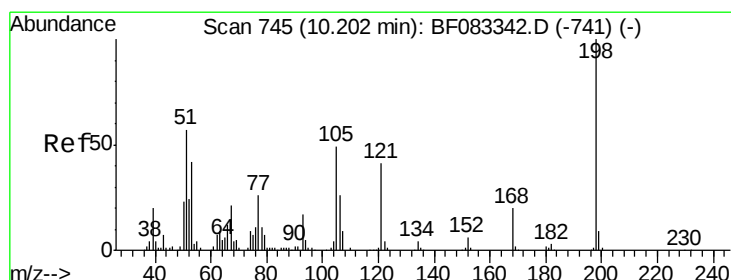
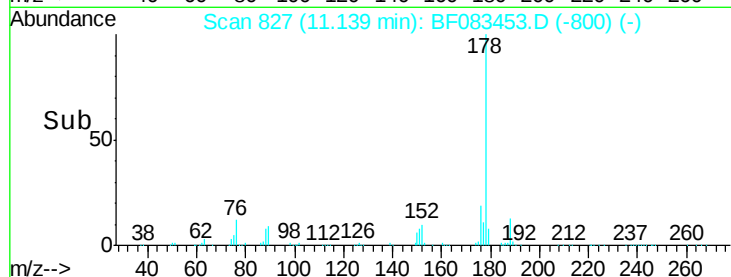
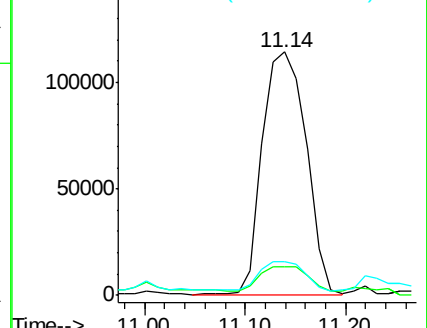
80 14.0 10.3 15.5



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: 10.54 ng

RT: 10.22 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

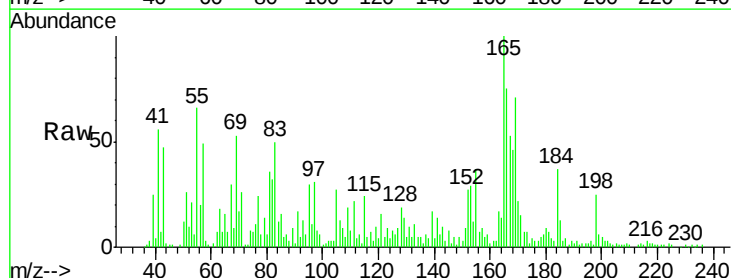
Tgt Ion:198 Resp: 24325

Ion Ratio Lower Upper

198 100

51 107.2 38.3 78.3#

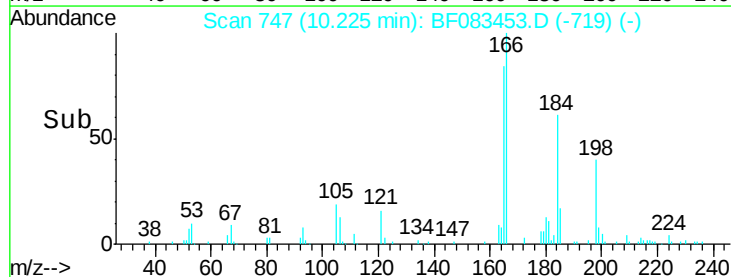
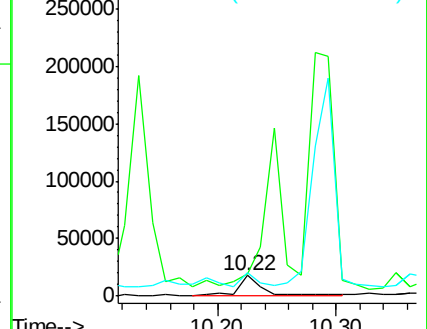
105 111.2 29.2 69.2#

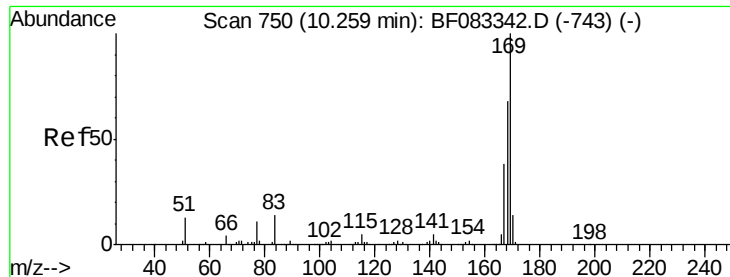


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

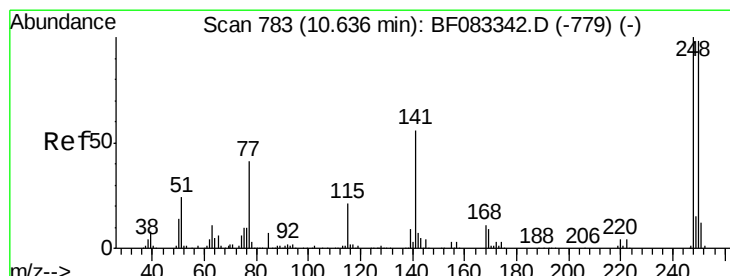
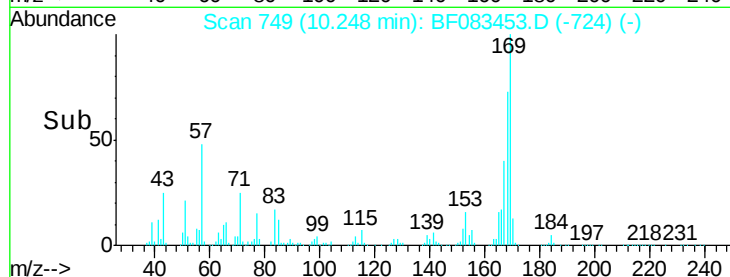
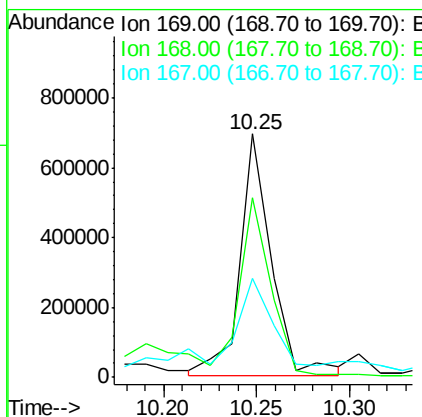
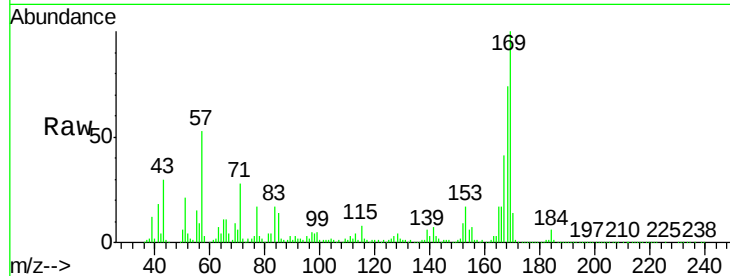




#65
n-Nitrosodiphenylamine
Concen: 67.47 ng
RT: 10.25 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

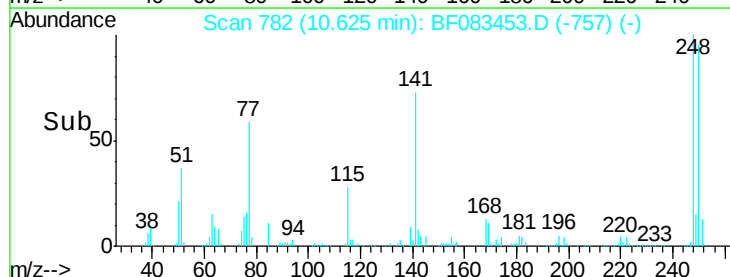
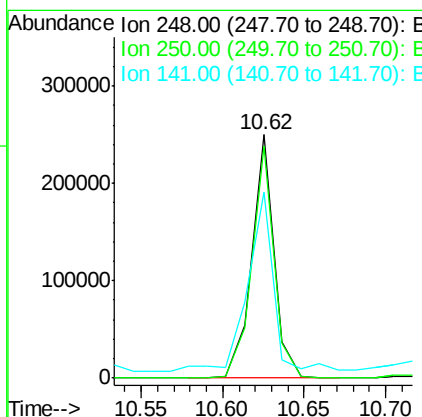
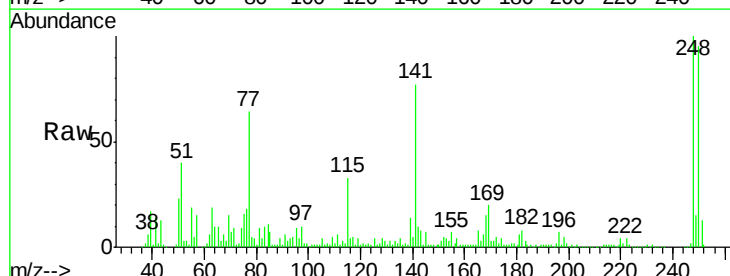
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

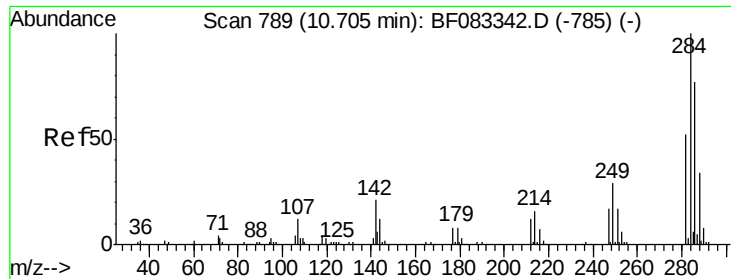
Tot Ion:169 Resp: 815320
Ion Ratio Lower Upper
169 100
168 74.0 54.8 82.2
167 40.8 30.2 45.2



#66
4-Bromophenyl-phenylether
Concen: 62.94 ng
RT: 10.62 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion:248 Resp: 236744
Ion Ratio Lower Upper
248 100
250 95.5 78.6 118.0
141 76.5 44.4 66.6#

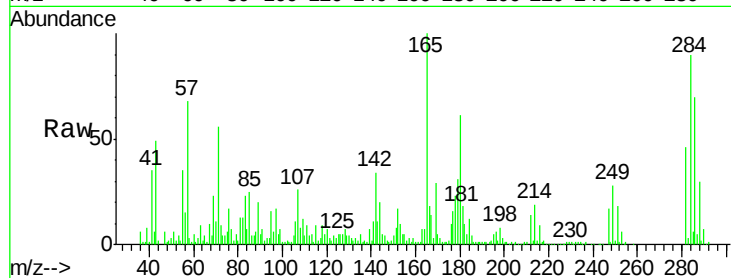




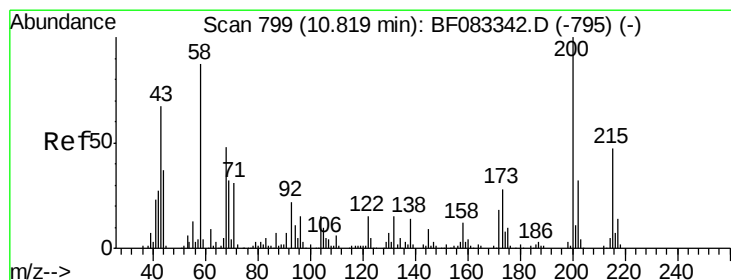
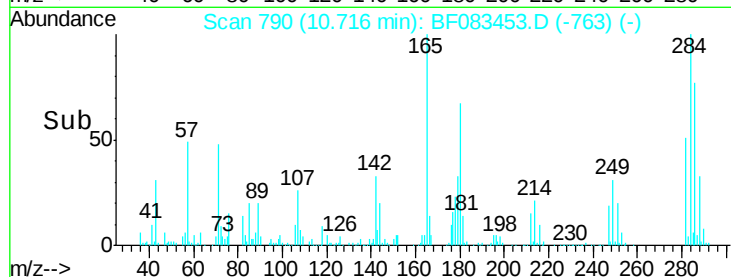
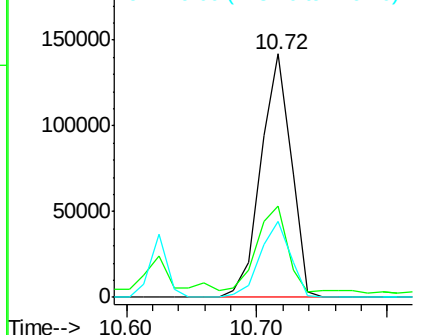
#67
Hexachlorobenzene
Concen: 55.45 ng
RT: 10.72 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

Tot Ion:284 Resp: 230621
Ion Ratio Lower Upper
284 100
142 37.6 16.6 24.8#
249 31.0 23.0 34.4

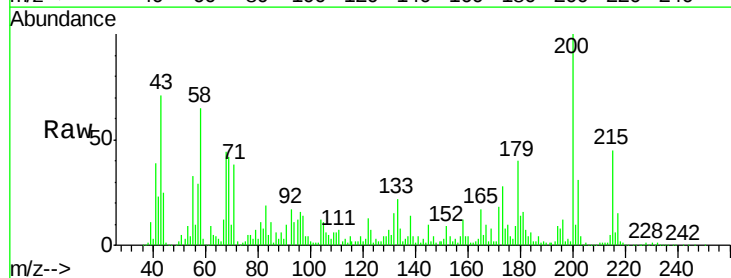


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

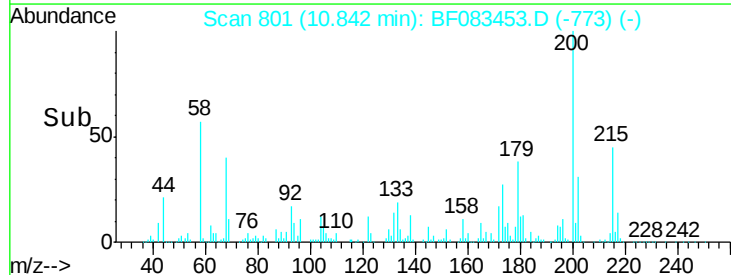
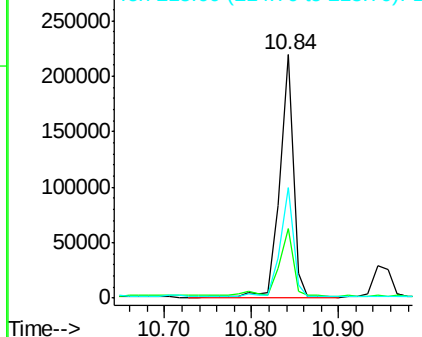


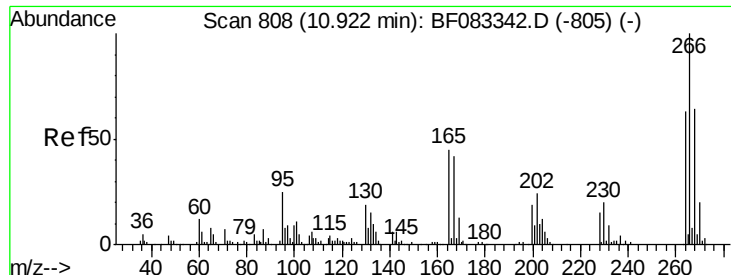
#68
Atrazine
Concen: 69.02 ng
RT: 10.84 min Scan# 801
Delta R.T. 0.02 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion:200 Resp: 230670
Ion Ratio Lower Upper
200 100
173 28.4 8.3 48.3
215 45.2 26.7 66.7



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

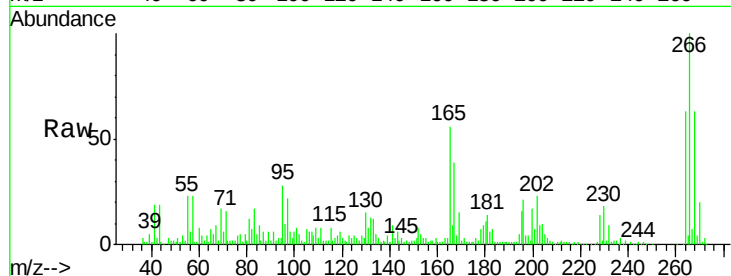




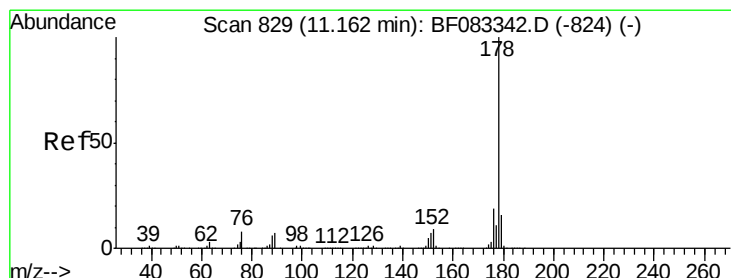
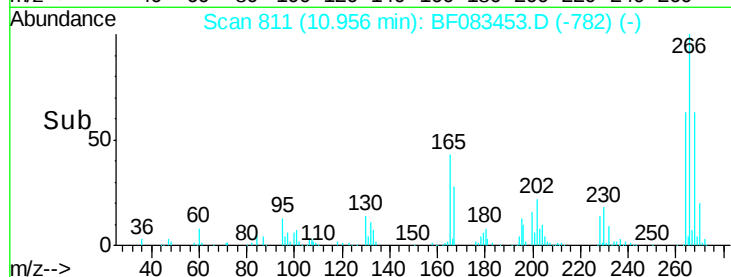
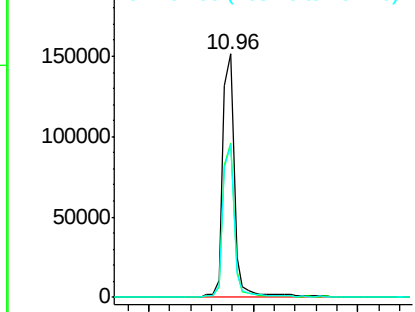
#69
 Pentachlorophenol
 Concen: 111.34 ng
 RT: 10.96 min Scan# 811
 Delta R.T. 0.03 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tot Ion:266 Resp: 242592
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 62.8 50.4 75.6

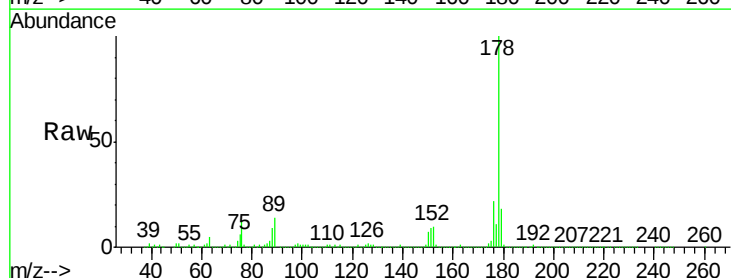


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

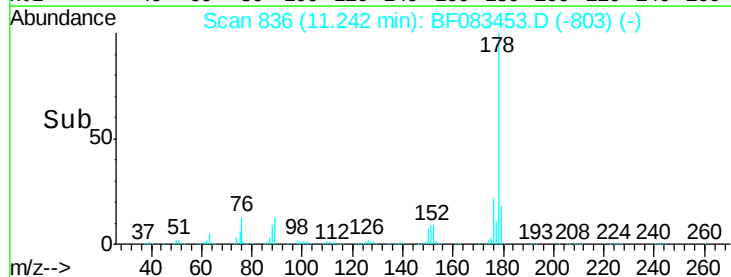
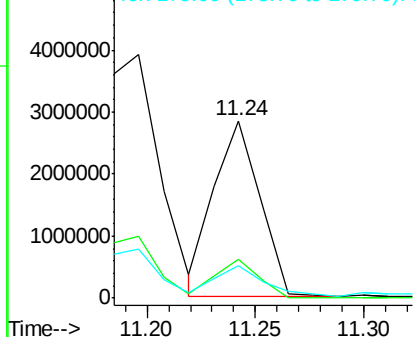


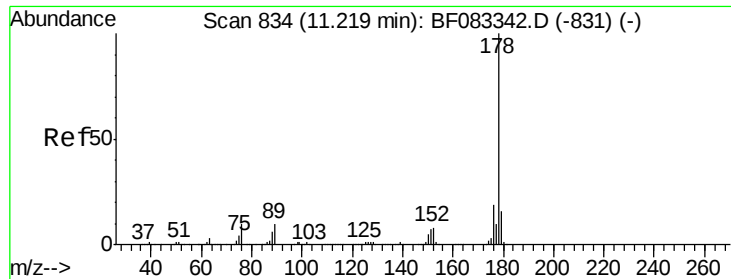
#70
 Phenanthrene
 Concen: 204.87 ng
 RT: 11.24 min Scan# 836
 Delta R.T. 0.08 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion:178 Resp: 4169270
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.3 22.9
 179 18.2 12.4 18.6



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

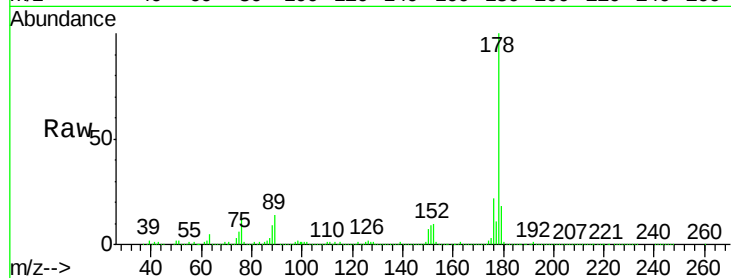




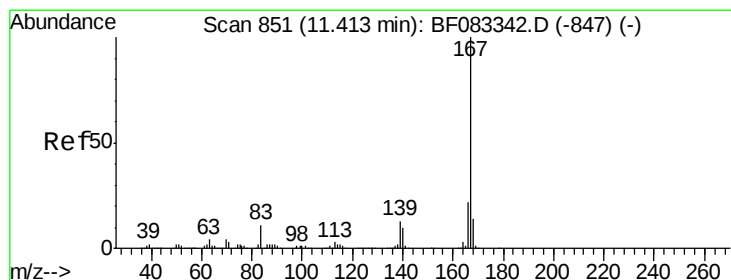
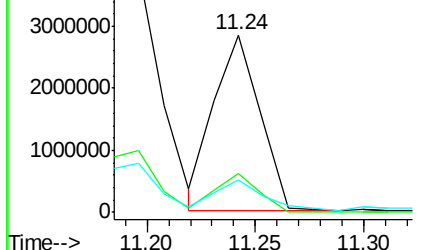
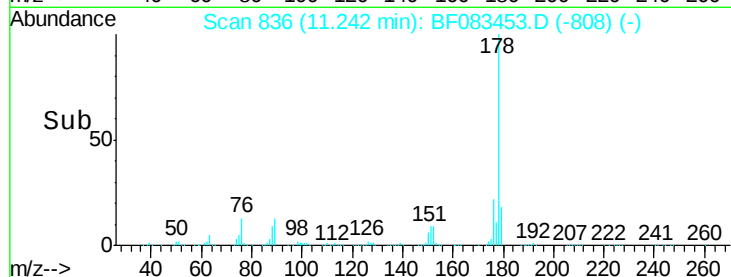
#71
 Anthracene
 Concen: 203.50 ng
 RT: 11.24 min Scan# 836
 Delta R.T. 0.02 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

Tot Ion:178 Resp: 4169270
 Ion Ratio Lower Upper
 178 100
 176 22.0 15.6 23.4
 179 18.2 12.8 19.2

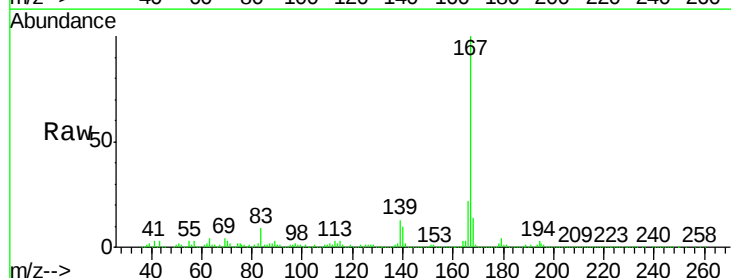


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

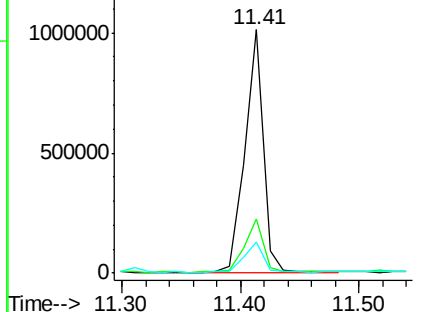
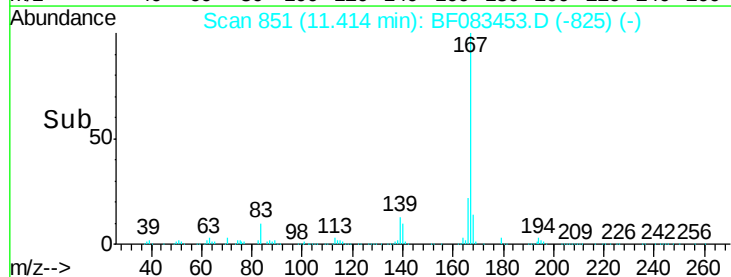


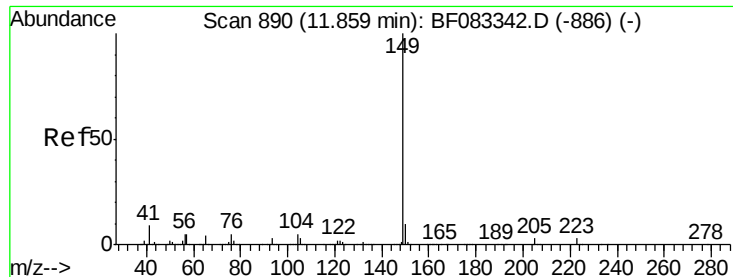
#72
 Carbazole
 Concen: 59.30 ng
 RT: 11.41 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion:167 Resp: 1091572
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 13.0 10.5 15.7



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: 60.80 ng

RT: 11.85 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

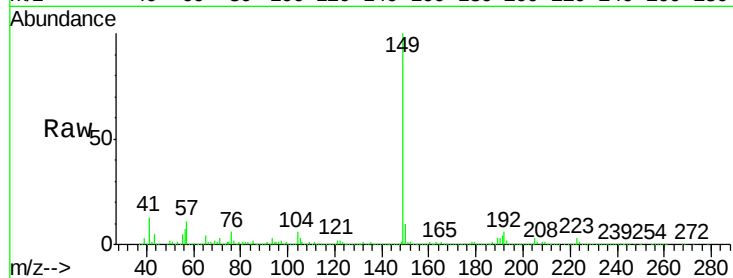
Tot Ion:149 Resp: 1326414

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

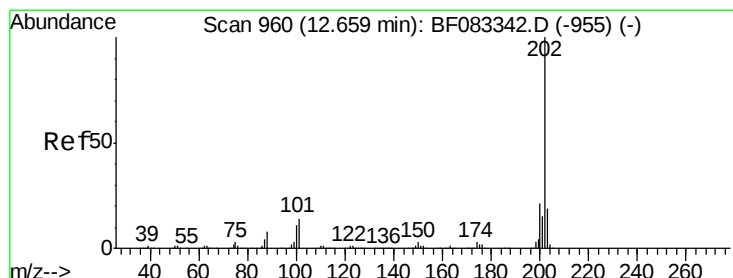
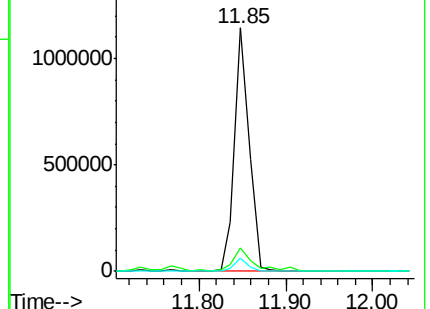
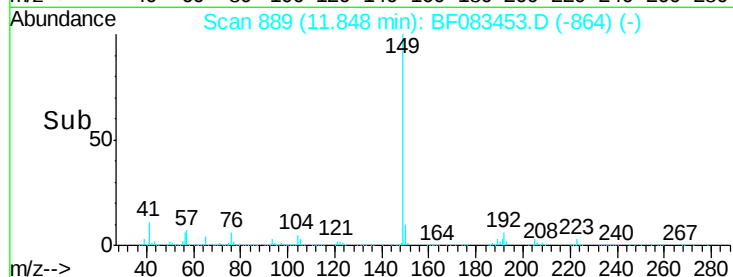
104 5.6 4.0 6.0



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: 339.34 ng

RT: 12.69 min Scan# 963

Delta R.T. 0.03 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

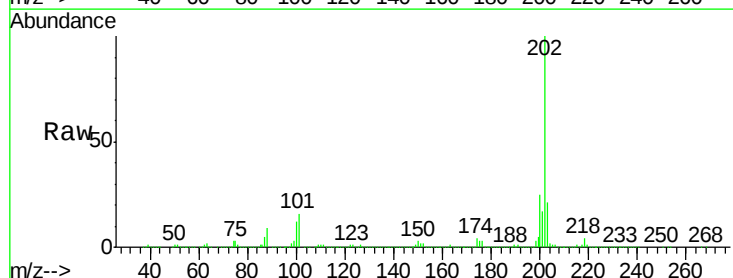
Tgt Ion:202 Resp: 7158286

Ion Ratio Lower Upper

202 100

101 16.1 0.0 34.5

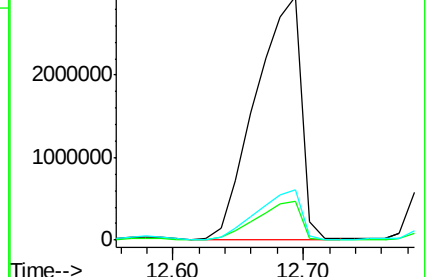
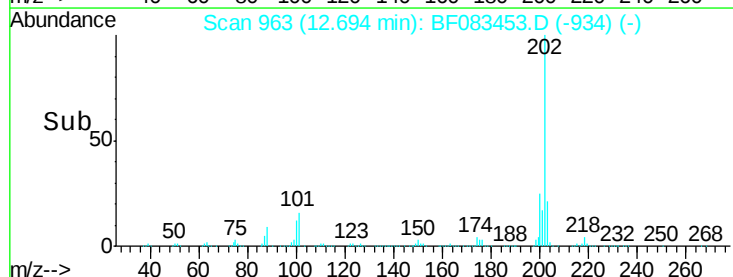
203 20.9 0.0 38.7

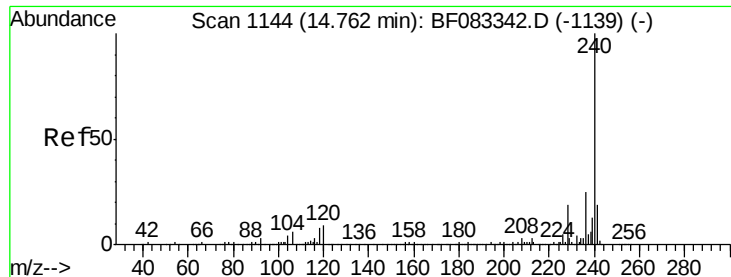


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.77 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

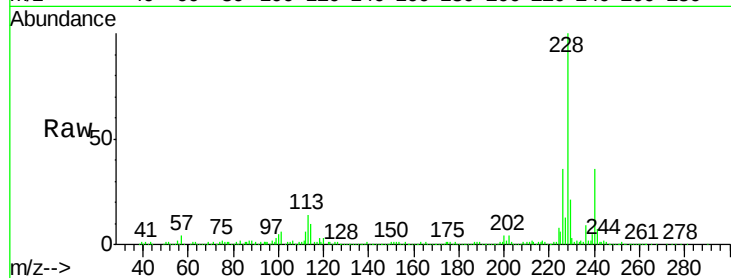
Tot Ion:240 Resp: 290230

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

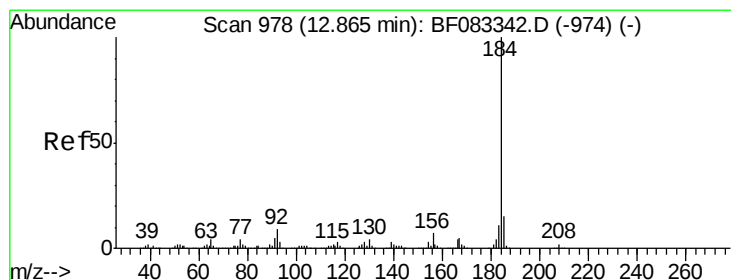
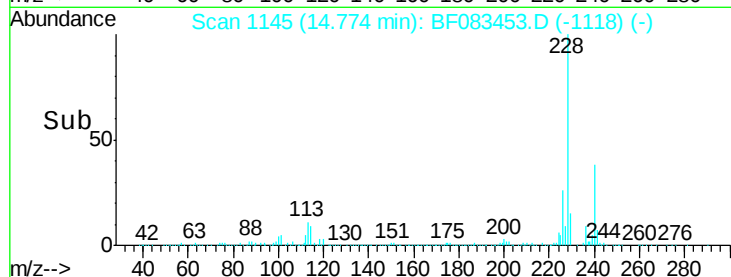
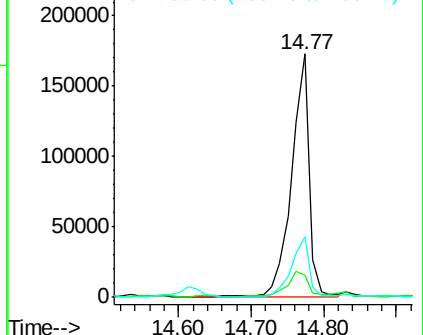
236 24.8 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 64.20 ng

RT: 12.88 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

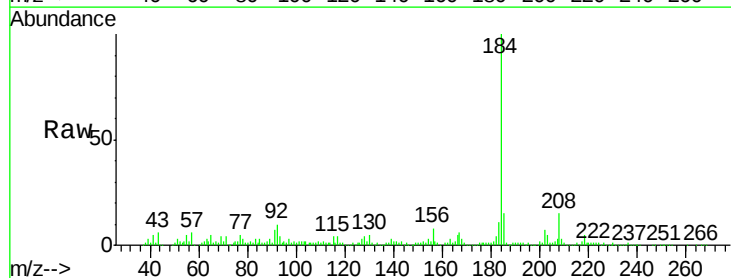
Tgt Ion:184 Resp: 554977

Ion Ratio Lower Upper

184 100

185 14.7 12.4 18.6

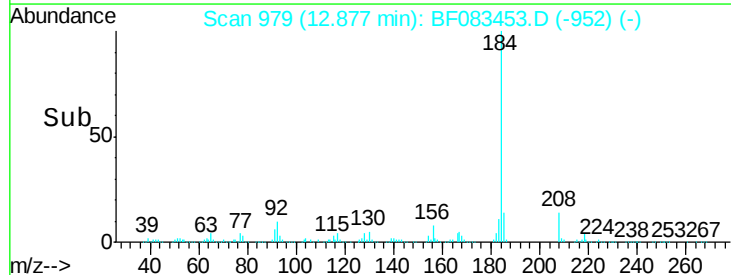
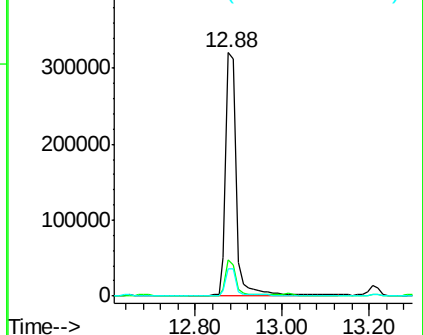
183 11.3 9.0 13.4

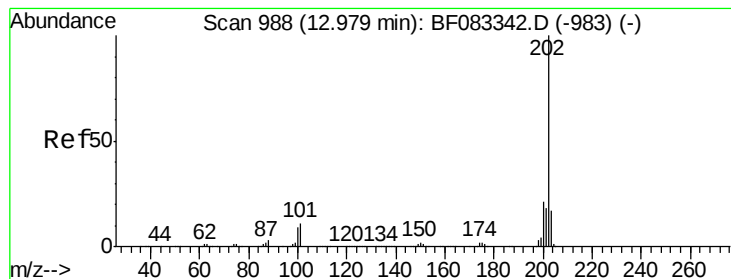


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 109.47 ng

RT: 12.80 min Scan# 972

Delta R.T. -0.18 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

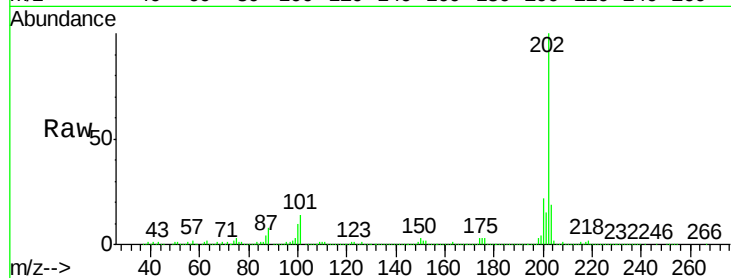
Tot Ion:202 Resp: 2218809

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

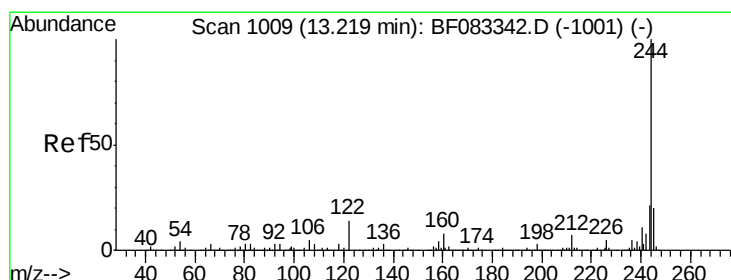
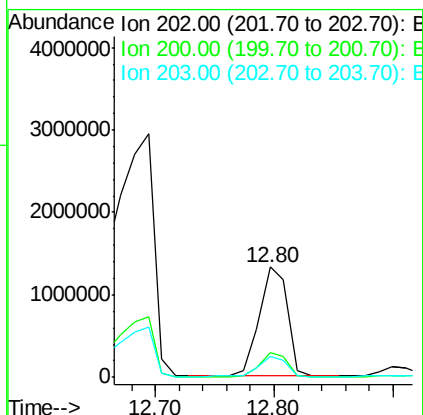
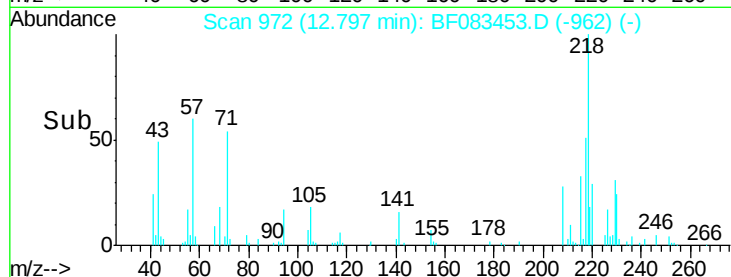
203 18.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.09 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

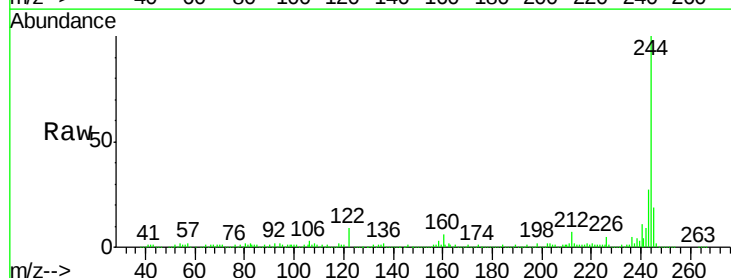
Tgt Ion:244 Resp: 1291120

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

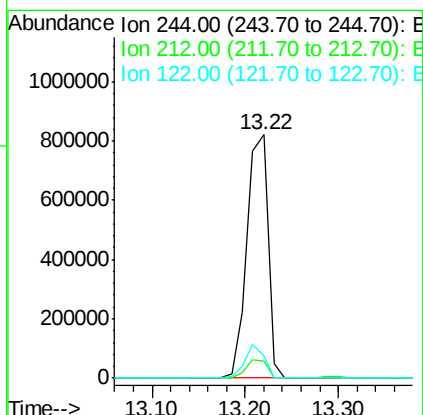
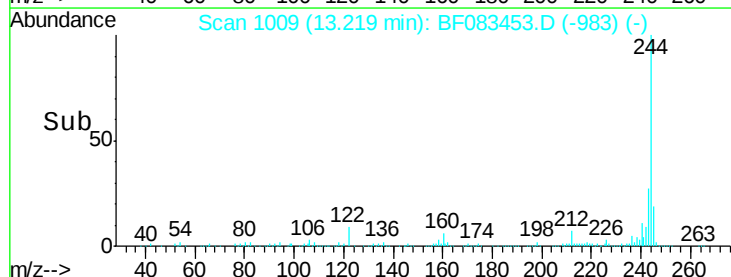
122 8.9 11.0 16.4#

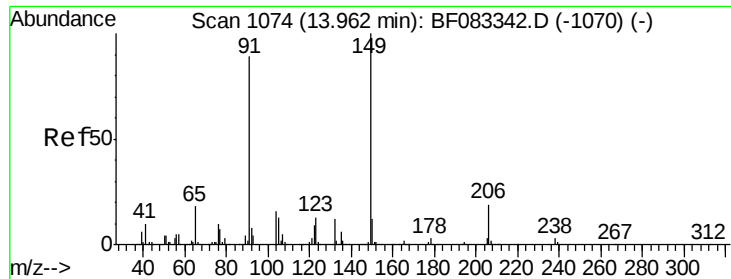


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 56.56 ng

RT: 13.95 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

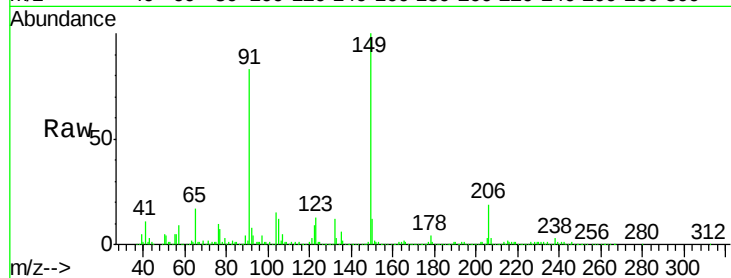
Tot Ion:149 Resp: 486323

Ion Ratio Lower Upper

149 100

91 83.0 71.4 107.2

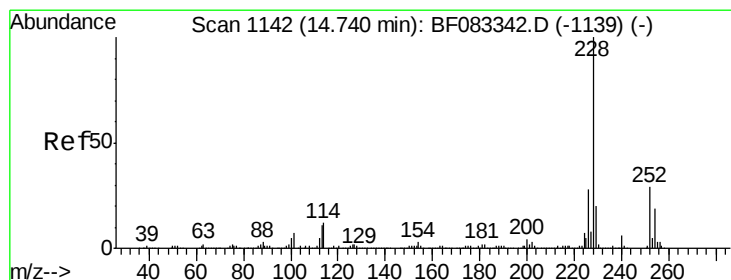
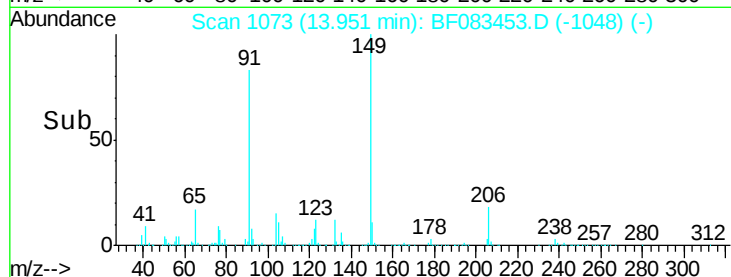
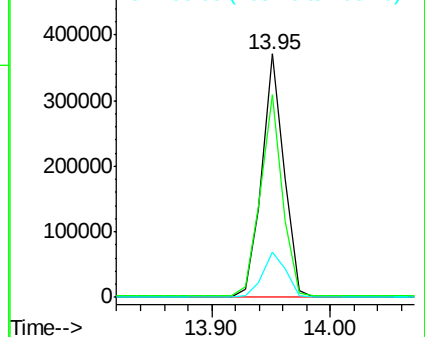
206 18.5 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 233.85 ng

RT: 14.76 min Scan# 1144

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

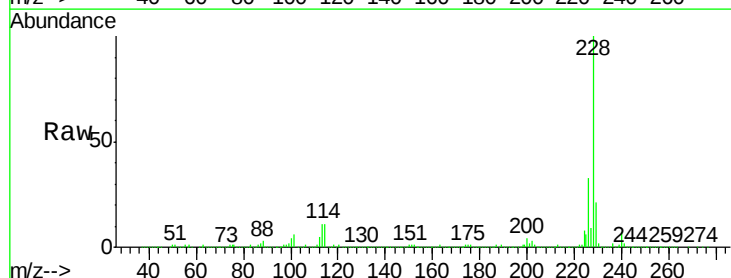
Tgt Ion:228 Resp: 4158013

Ion Ratio Lower Upper

228 100

226 32.8 22.2 33.4

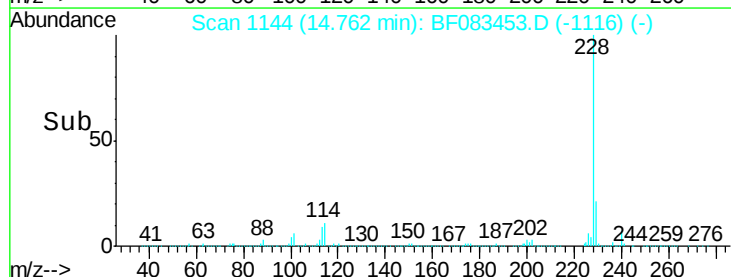
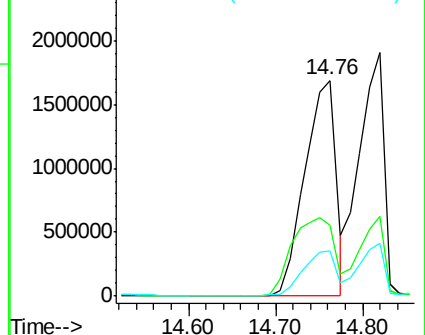
229 20.9 16.1 24.1

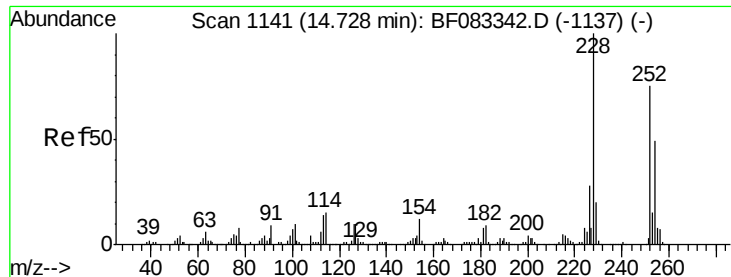


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

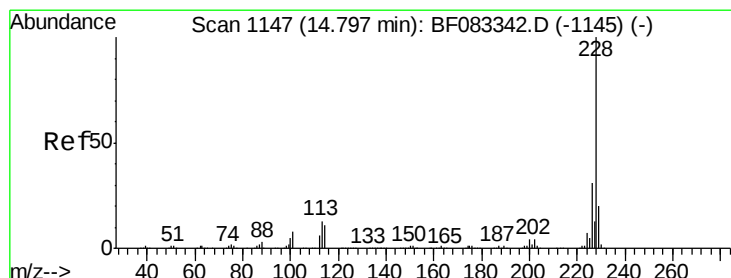
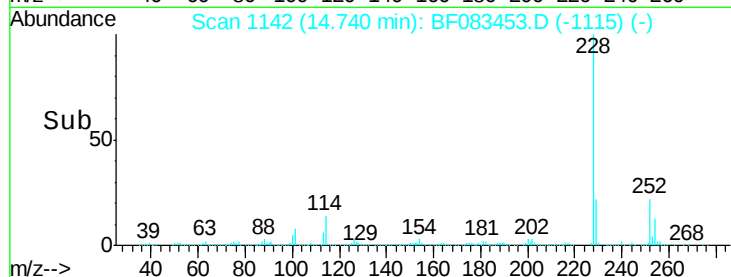
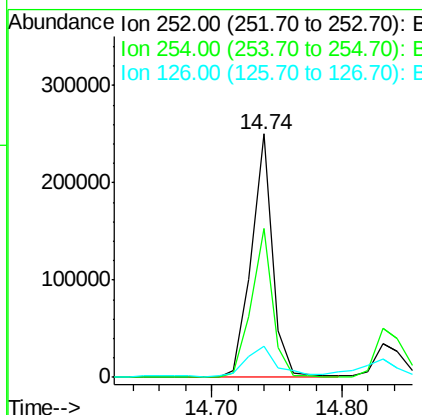
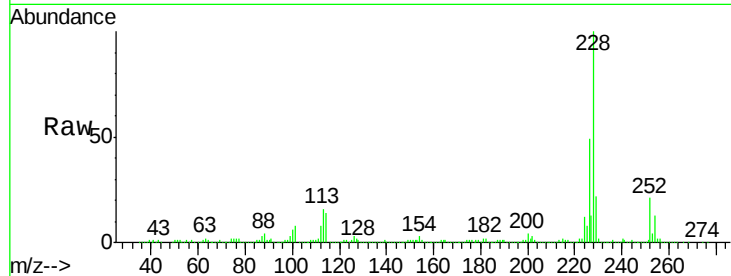




#81
 3,3'-Dichlorobenzidine
 Concen: 50.96 ng
 RT: 14.74 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

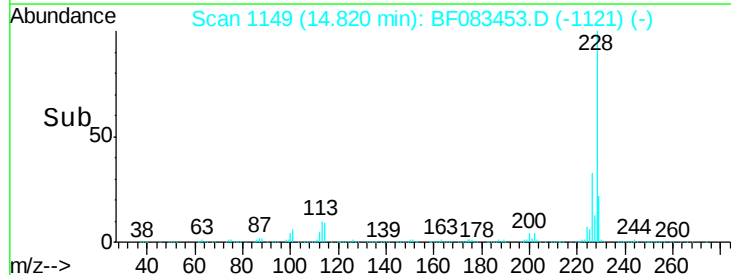
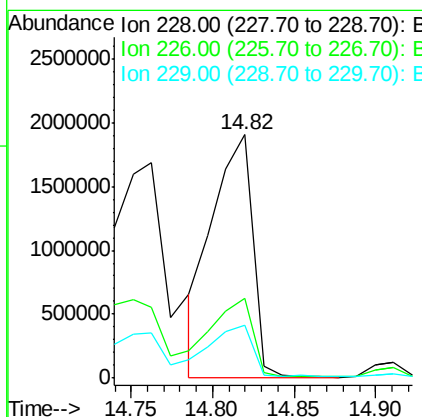
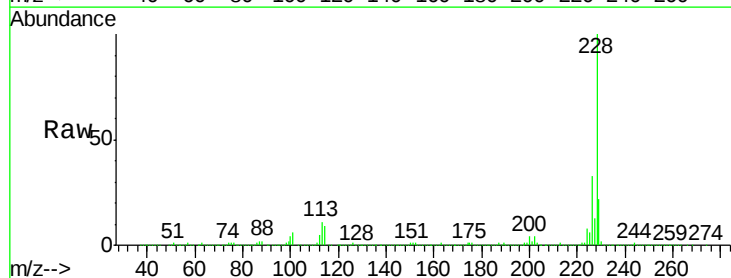
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-09(0-8)MSD

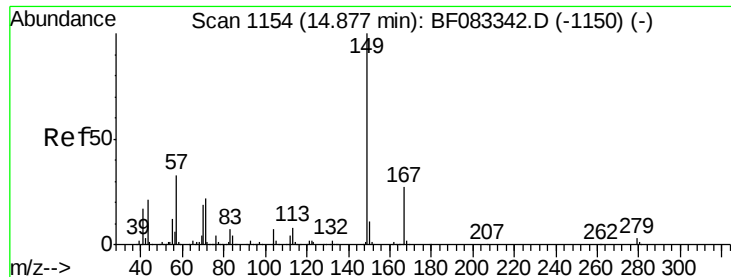
Tot Ion:252 Resp: 283046
 Ion Ratio Lower Upper
 252 100
 254 61.3 52.0 78.0
 126 12.6 10.7 16.1



#82
 Chrysene
 Concen: 190.51 ng
 RT: 14.82 min Scan# 1149
 Delta R.T. 0.02 min
 Lab File: BF083453.D
 Acq: 3 Dec 2015 9:57

Tgt Ion:228 Resp: 3272795
 Ion Ratio Lower Upper
 228 100
 226 32.8 24.6 37.0
 229 21.8 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.63 ng

RT: 14.85 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

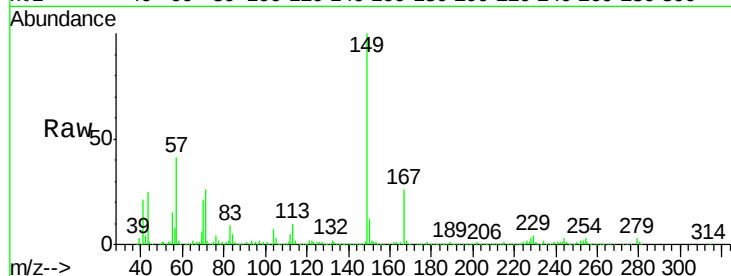
Tot Ion:149 Resp: 699313

Ion Ratio Lower Upper

149 100

167 26.3 21.5 32.3

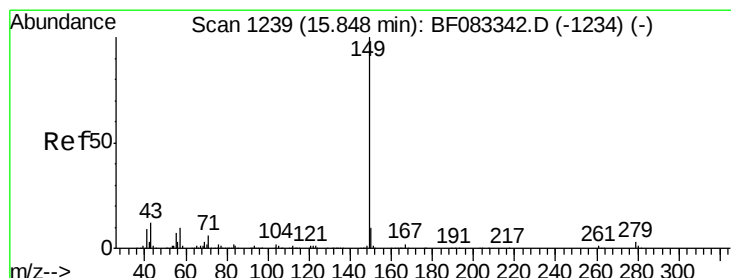
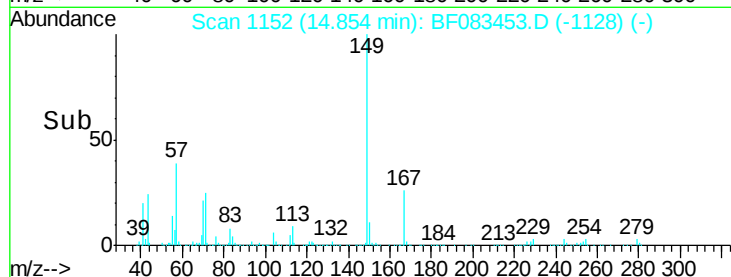
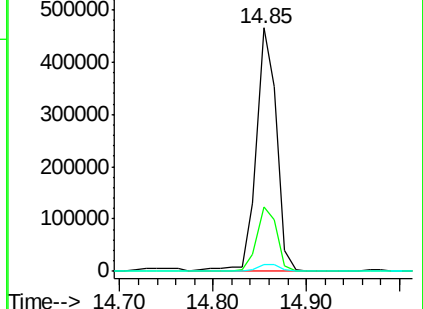
279 2.6 2.6 3.8



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: 69.21 ng

RT: 15.83 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

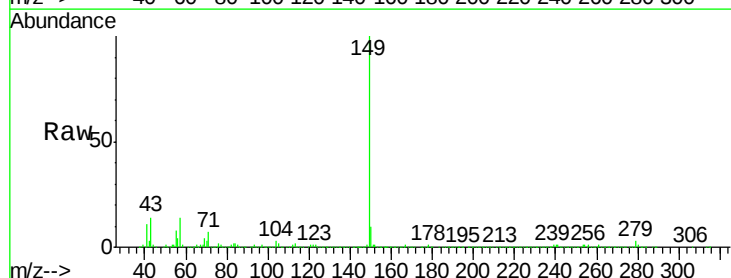
Tgt Ion:149 Resp: 1188789

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

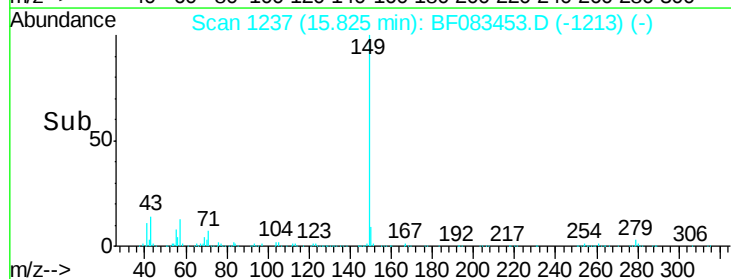
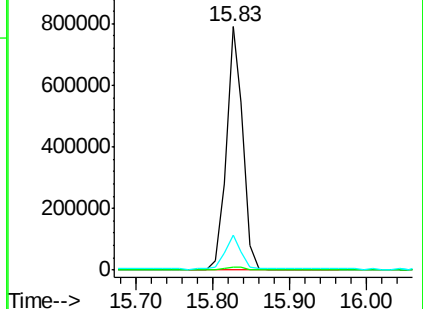
43 14.5 11.0 16.6

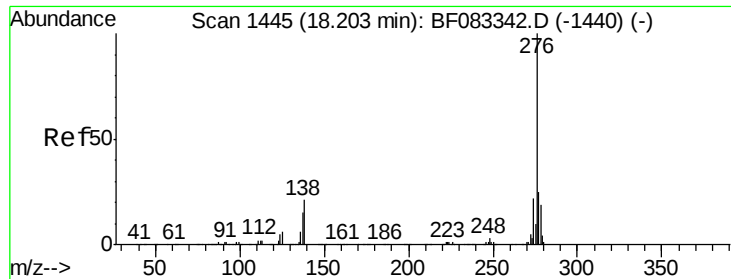


Abundance Ion 149.00 (148.70 to 149.70): E

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: 153.09 ng

RT: 18.21 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

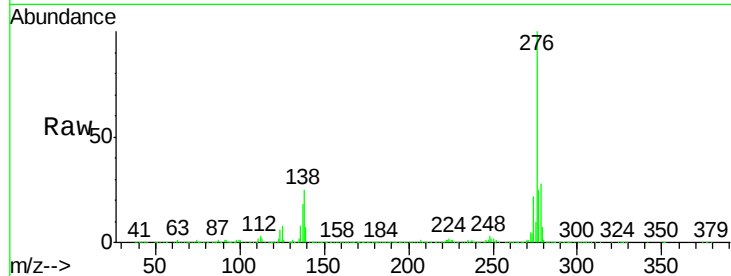
Tot Ion:276 Resp: 1915469

Ion Ratio Lower Upper

276 100

138 25.1 21.2 31.8

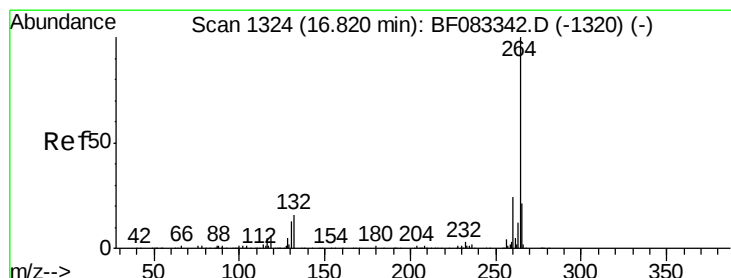
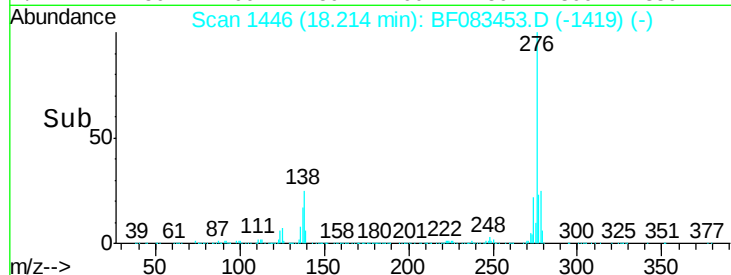
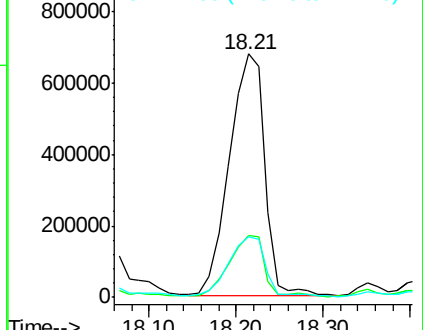
277 25.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.83 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

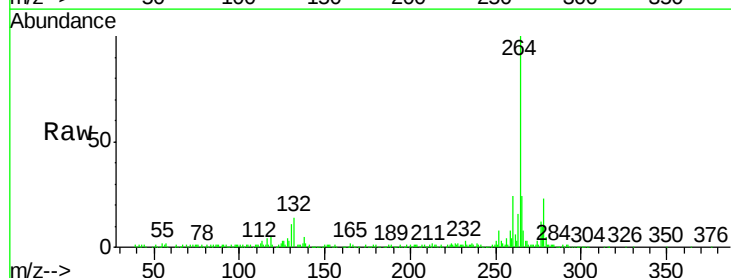
Tgt Ion:264 Resp: 275312

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

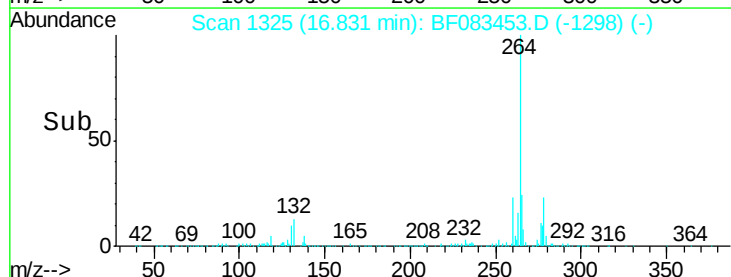
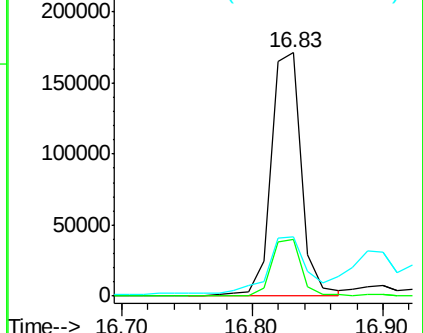
265 24.5 16.8 25.2

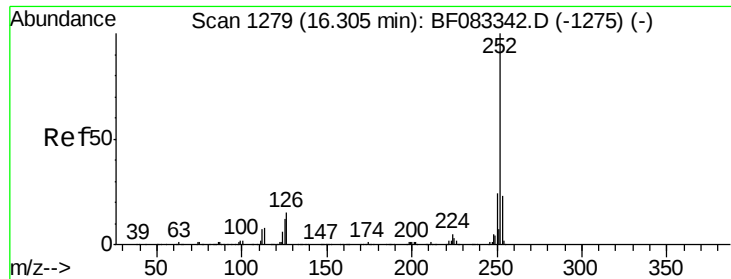


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

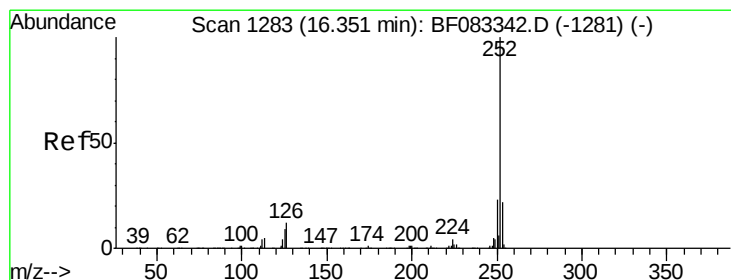
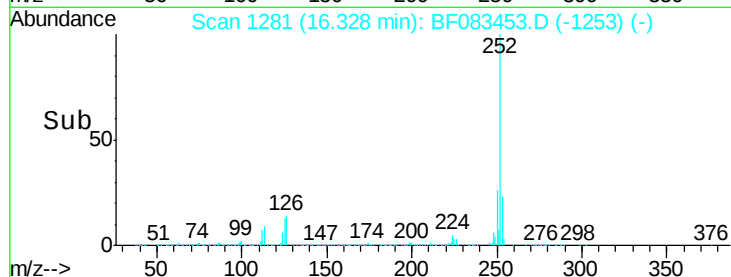
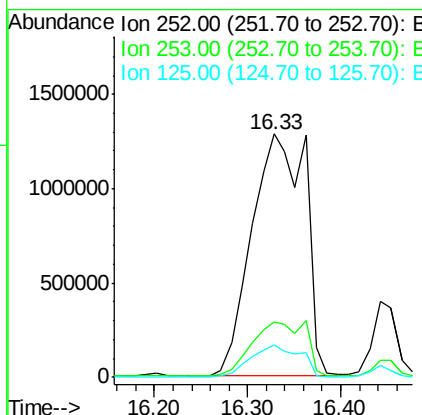
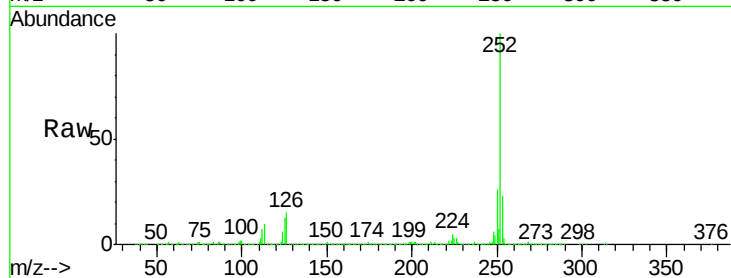




#87
Benzo(b)fluoranthene
Concen: 291.87 ng
RT: 16.33 min Scan# 1281
Delta R.T. 0.02 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

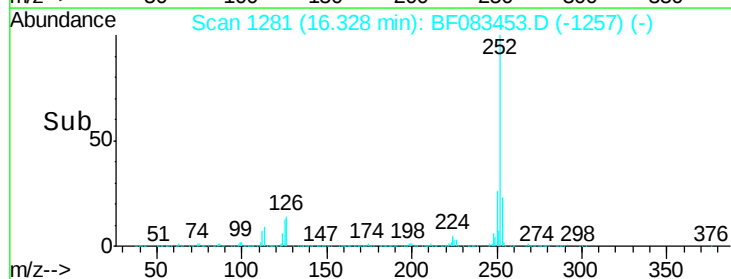
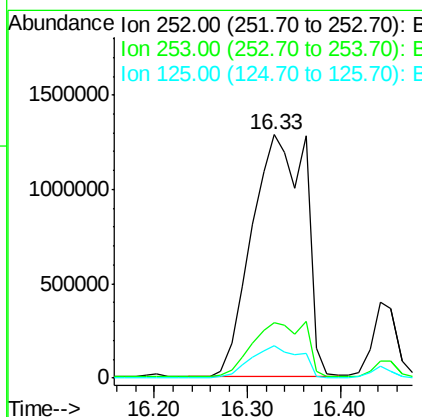
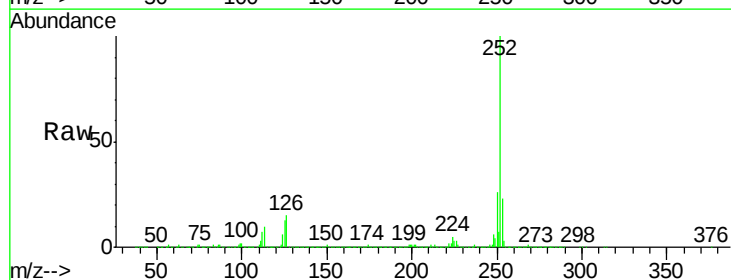
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

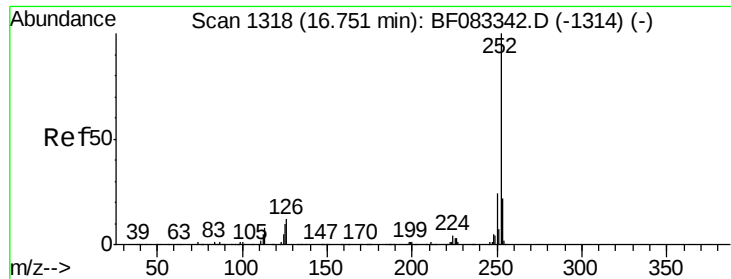
Tot Ion:252 Resp: 5155989
Ion Ratio Lower Upper
252 100
253 22.8 18.4 27.6
125 13.1 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 309.10 ng
RT: 16.33 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF083453.D
Acq: 3 Dec 2015 9:57

Tgt Ion:252 Resp: 5155989
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 13.1 7.5 11.3#





#89

Benzo(a)pyrene

Concen: 243.92 ng

RT: 16.77 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

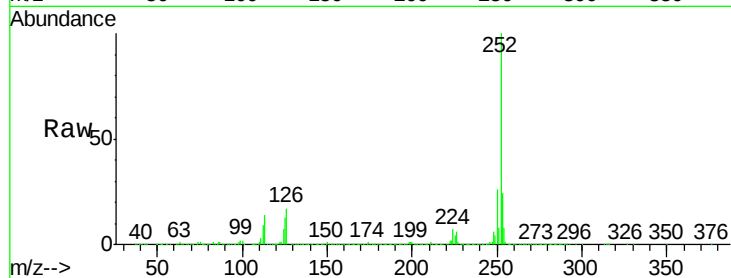
Tot Ion:252 Resp: 3700937

Ion Ratio Lower Upper

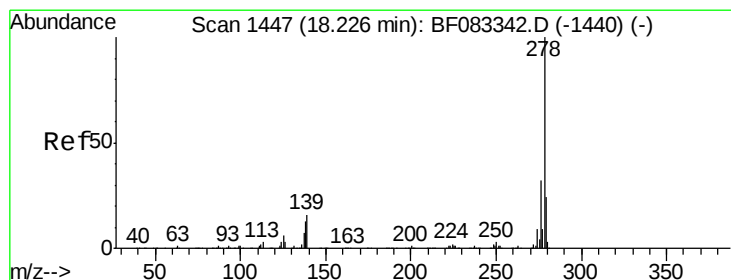
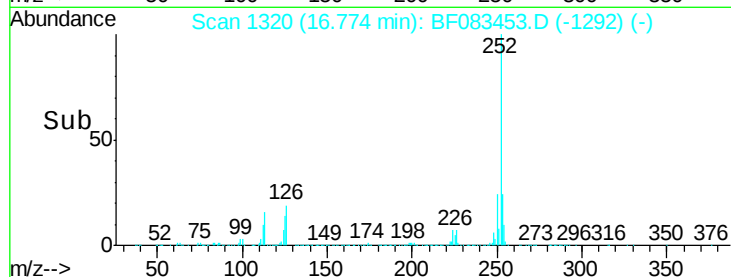
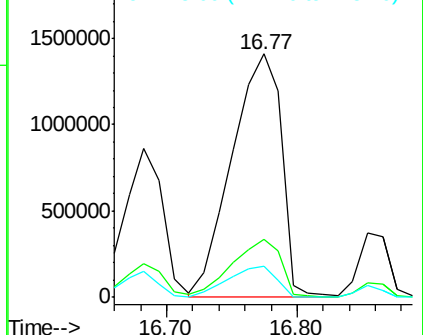
252 100

253 23.6 17.5 26.3

125 13.0 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 62.48 ng

RT: 18.23 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

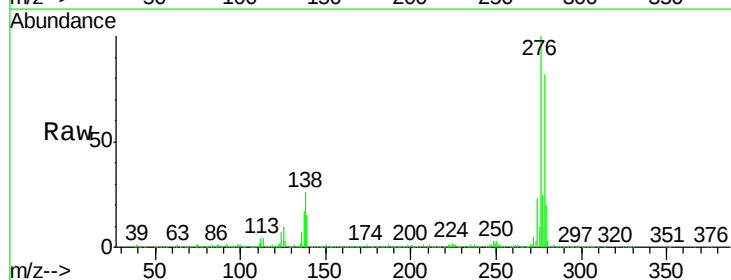
Tgt Ion:278 Resp: 826061

Ion Ratio Lower Upper

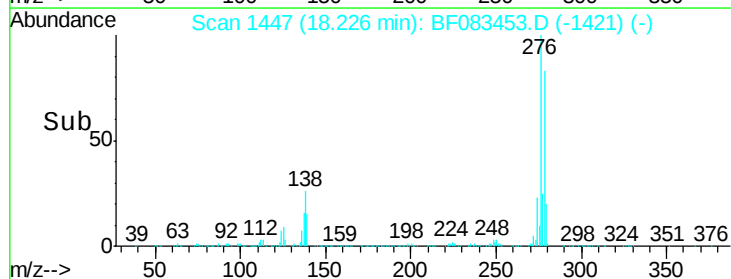
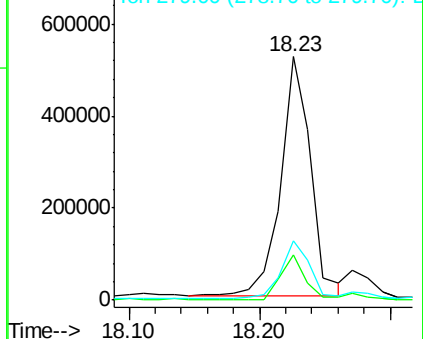
278 100

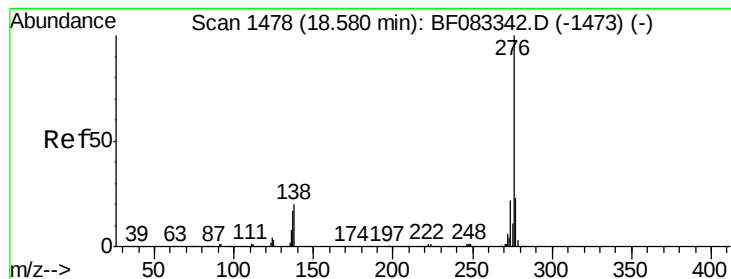
139 18.7 13.1 19.7

279 24.4 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 149.20 ng

RT: 18.60 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BF083453.D

Acq: 3 Dec 2015 9:57

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-09(0-8)MSD

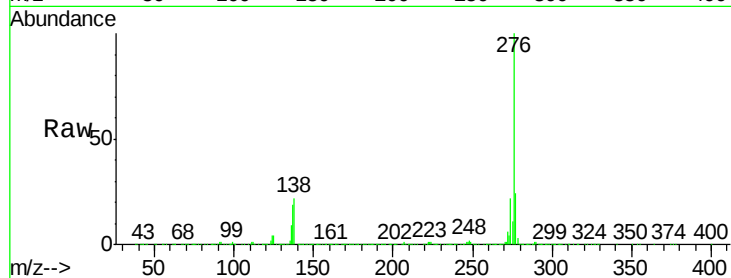
Tot Ion:276 Resp: 1935978

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 22.1 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

