

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083414.D
 Acq On : 2 Dec 2015 13:04
 Operator : UM/IZ
 Sample : G4606-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-68-20151130

Quant Time: Dec 03 02:34:04 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	6.69	152	14311	20.00	ng	0.15
21) Naphthalene-d8	8.09	136	26239	20.00	ng	0.25
38) Acenaphthene-d10	9.94	164	13089	20.00	ng	0.35
63) Phenanthrene-d10	11.51	188	713	20.00	ng	0.38
75) Chrysene-d12	15.30	240	2140	20.00	ng	0.54
86) Perylene-d12	17.38	264	2742	20.00	ng	0.56
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	13160	13.80	ng	0.09
7) Phenol-d6	6.21	99	201249	154.17	ng	-0.01
23) Nitrobenzene-d5	7.39	82	631198	1057.46	ng	0.26
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.23	172	3551	3.87	ng	0.31
78) Terphenyl-d14	13.68	244	2513	28.01	ng	0.46
Target Compounds						
2) 1,4-Dioxane	1.73	88	113000	218.81	ng	# 1
3) Pyridine	2.69	79	90010	69.68	ng	# 38
4) n-Nitrosodimethylamine	2.65	42	432752	680.60	ng	# 1
6) Aniline	6.35	93	438984	245.81	ng	# 1
8) 2-Chlorophenol	6.58	128	4118	3.91	ng	# 1
9) Benzaldehyde	6.42	77	18378319	Below Cal		# 1
10) Phenol	6.35	94	22172	14.12	ng	# 1
11) bis(2-Chloroethyl)ether	6.35	93	138017	120.80	ng	# 1
15) Benzyl Alcohol	6.89	79	2856446	2831.22	ng	# 11
17) 2-Methylphenol	6.93	107	7658	8.73	ng	# 1
18) Hexachloroethane	7.15	117	1280750	3050.99	ng	# 1
19) n-Nitroso-di-n-propylamine	7.16	70	540029	578.75	ng	# 67
20) 3+4-Methylphenols	7.15	107	76423	64.35	ng	# 1
22) Acetophenone	7.20	105	6750309	8598.38	ng	# 58
24) Nitrobenzene	7.44	77	1298207	2036.70	ng	# 25
25) Isophorone	7.64	82	970056	839.00	ng	# 42
26) 2-Nitrophenol	7.71	139	13341	51.27	ng	# 1
27) 2,4-Dimethylphenol	7.81	122	28975	66.43	ng	# 1
28) bis(2-Chloroethoxy)methane	7.84	93	69754	105.94	ng	# 1
29) 2,4-Dichlorophenol	7.92	162	126529	301.63	ng	# 56
30) 1,2,4-Trichlorobenzene	8.08	180	18380	40.25	ng	# 1
31) Naphthalene	8.03	128	20033590	14071.72	ng	# 86
32) Benzoic acid	7.90	122	25360	84.30	ng	# 1
33) 4-Chloroaniline	8.22	127	309461	504.24	ng	# 1
35) Caprolactam	8.53	113	81562	615.33	ng	# 1
36) 4-Chloro-3-methylphenol	8.67	107	63476	134.90	ng	# 1
37) 2-Methylnaphthalene	8.74	142	7262942	7633.37	ng	# 89
42) 2,4,6-Trichlorophenol	9.12	196	1481	5.09	ng	# 12
43) 2,4,5-Trichlorophenol	9.25	196	2553	8.47	ng	# 1
45) 1,1'-Biphenyl	9.38	154	102339	89.16	ng	# 1
46) 2-Chloronaphthalene	9.39	162	10921	12.49	ng	# 1
47) 2-Nitroaniline	9.46	65	37420	108.02	ng	# 42
48) Acenaphthylene	9.80	152	219478	157.31	ng	# 1
49) Dimethylphthalate	9.63	163	13195	12.40	ng	# 1

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 QLast Update : Tue Dec 01 01:17:16 2015
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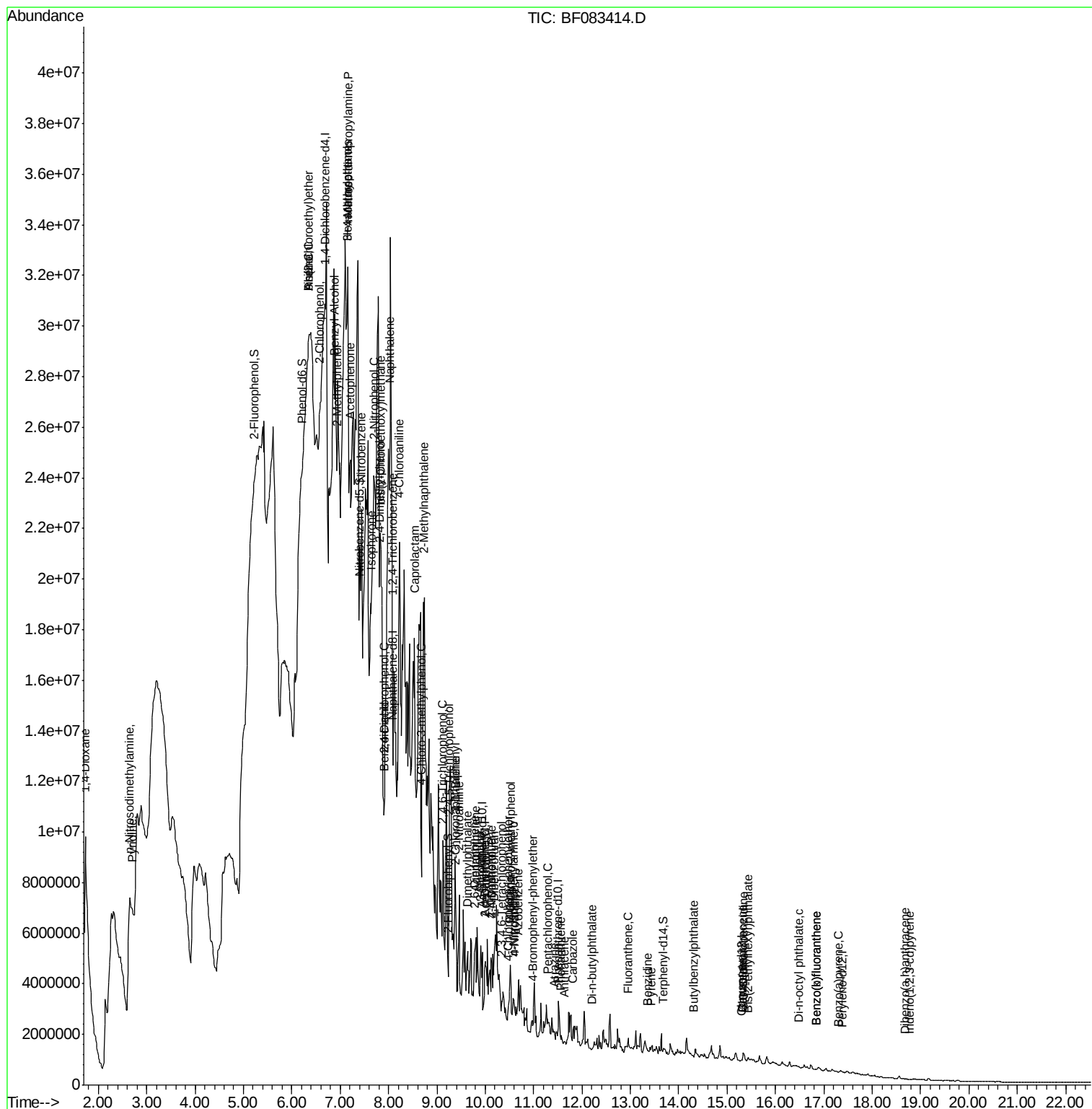
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 2,6-Dinitrotoluene	9.78	165	259604	1142.84	nq	# 53
51) Acenaphthene	10.00	154	87094	106.13	nq	# 1
52) 3-Nitroaniline	9.90	138	6390	24.00	nq	# 43
53) 2,4-Dinitrophenol	10.00	184	18365	114.90	nq	# 1
54) Dibenzofuran	10.19	168	515992	429.07	nq	# 51
55) 4-Nitrophenol	10.13	139	119496	717.52	nq	# 37
56) 2,4-Dinitrotoluene	10.13	165	980650	3402.16	nq	# 10
57) Fluorene	10.51	166	22153	23.33	nq	# 1
58) 2,3,4,6-Tetrachlorophenol	10.34	232	2650	10.89	nq	# 7
60) 4-Chlorophenyl-phenylether	10.48	204	1089	2.50	nq	# 1
61) 4-Nitroaniline	10.60	138	1065	4.00	nq	# 1
62) Azobenzene	10.68	77	58213	47.53	nq	# 1
64) 4,6-Dinitro-2-methylphenol	10.52	198	5997	1252.67	nq	# 7
65) n-Nitrosodiphenylamine	10.59	169	397637	15870.25	nq	# 41
66) 4-Bromophenyl-phenylether	10.98	248	1143	146.55	nq	# 1
68) Atrazine	11.42	200	4126	595.40	nq	# 68
69) Pentachlorophenol	11.29	266	310	68.62	nq	# 27
70) Phenanthrene	11.55	178	22413	531.18	nq	# 1
71) Anthracene	11.64	178	11501	270.75	nq	# 1
72) Carbazole	11.81	167	3500	91.70	nq	# 1
73) Di-n-butylphthalate	12.21	149	1593	35.22	nq	# 2
74) Fluoranthene	12.96	202	233442	5337.28	nq	# 89
76) Benzidine	13.36	184	215	3.37	nq	# 1
77) Pyrene	13.43	202	3478	23.27	nq	# 33
79) Butylbenzylphthalate	14.31	149	1713	27.02	nq	# 85
80) Benzo(a)anthracene	15.32	228	1315	10.03	nq	# 1
81) 3,3'-Dichlorobenzidine	15.35	252	2200	53.72	nq	# 1
82) Chrysene	15.32	228	1315	10.38	nq	# 1
83) Bis(2-ethylhexyl)phthalate	15.44	149	6856	80.61	nq	# 90
84) Di-n-octyl phthalate	16.48	149	7263	57.35	nq	# 69
85) Indeno(1,2,3-cd)pyrene	18.76	276	5300	57.45	nq	# 78
87) Benzo(b)fluoranthene	16.84	252	4823	27.41	nq	# 1
88) Benzo(k)fluoranthene	16.84	252	4823	29.03	nq	# 1
89) Benzo(a)pyrene	17.31	252	662	4.38	nq	# 1
90) Dibenzo(a,h)anthracene	18.68	278	738	5.60	nq	# 1

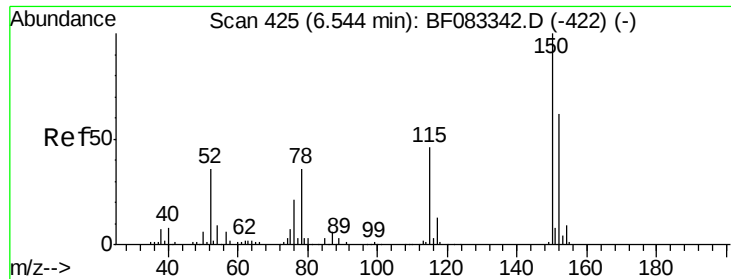
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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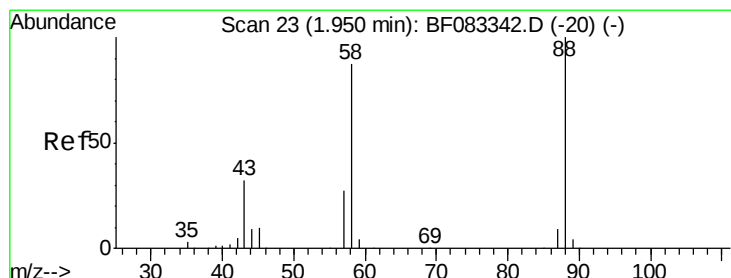
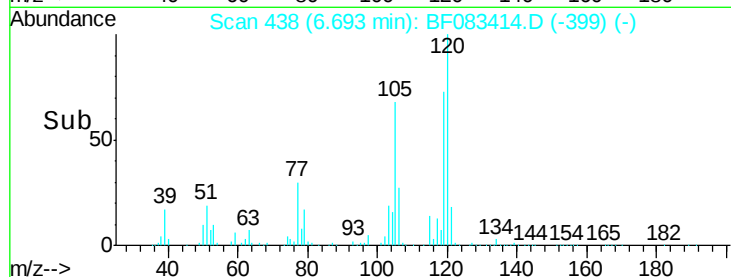
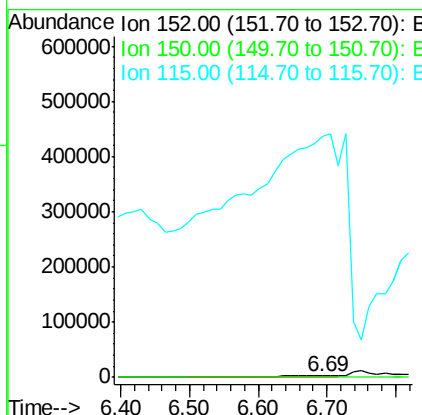
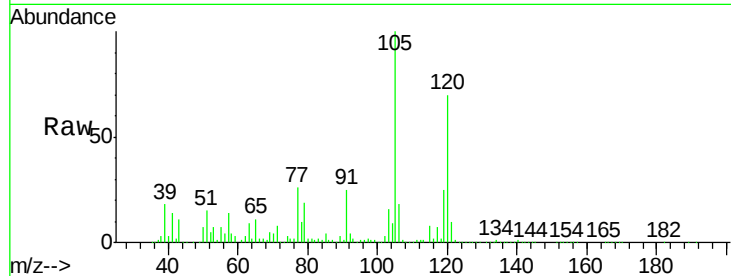


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 438
Delta R.T. 0.15 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Instrument :
BNA_F
ClientSampleId :
C-68-20151130

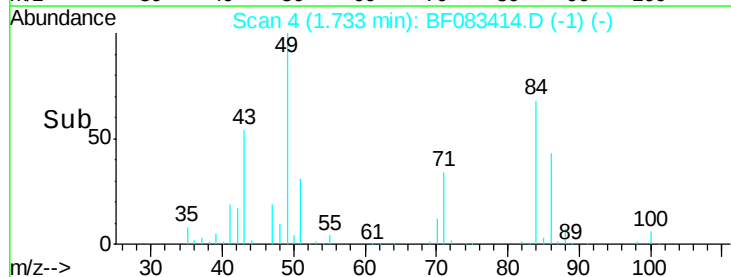
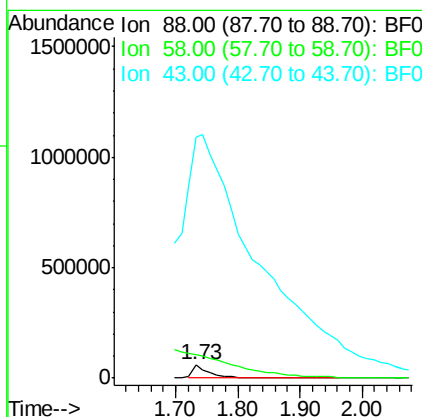
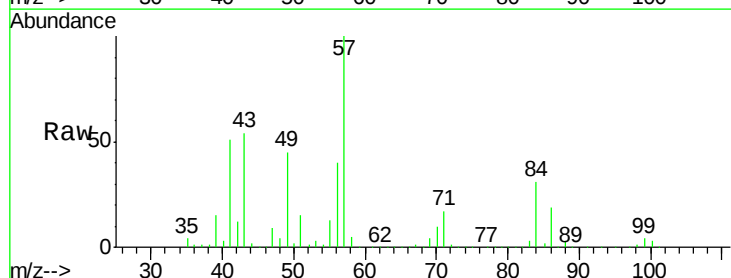
Tot Ion:152 Resp: 14311
Ion Ratio Lower Upper
152 100
150 0.0 129.8 194.8#
115 15450.1 59.2 88.8#

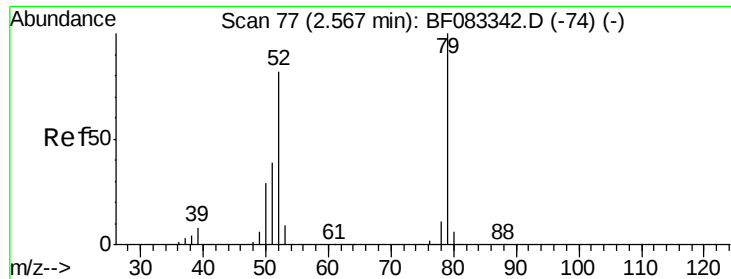


#2

1,4-Dioxane
Concen: 218.81 ng
RT: 1.73 min Scan# 4
Delta R.T. -0.22 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion: 88 Resp: 113000
Ion Ratio Lower Upper
88 100
58 0.0 66.6 100.0#
43 6950.6 27.1 40.7#





#3

Pvridine

Concen: 69.68 ng

RT: 2.69 min Scan# 88

Delta R.T. 0.13 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

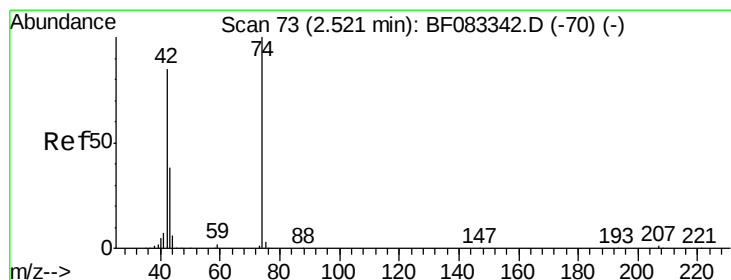
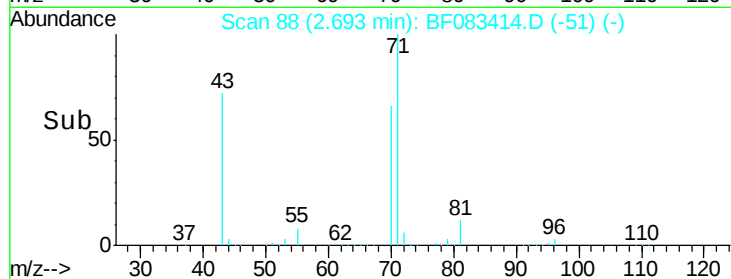
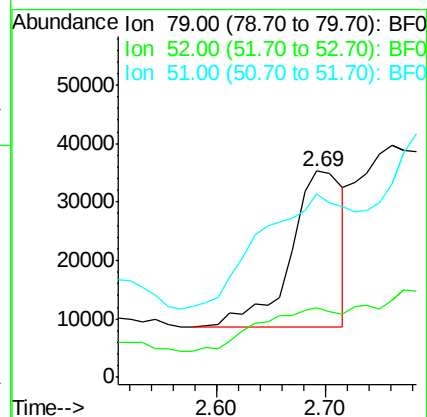
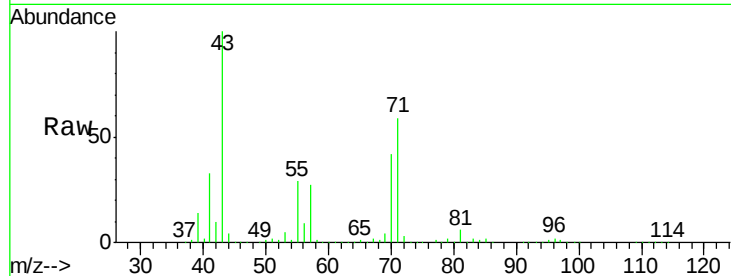
Tot Ion: 79 Resp: 90010

Ion Ratio Lower Upper

79 100

52 33.8 65.9 98.9#

51 88.9 32.3 48.5#



#4

n-Nitrosodimethylamine

Concen: 680.60 ng

RT: 2.65 min Scan# 84

Delta R.T. 0.13 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

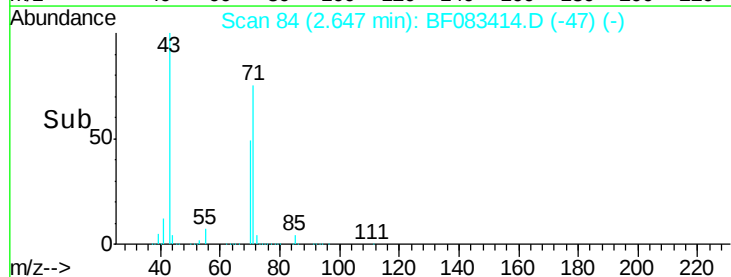
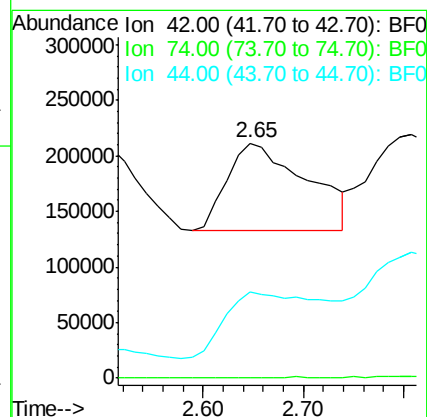
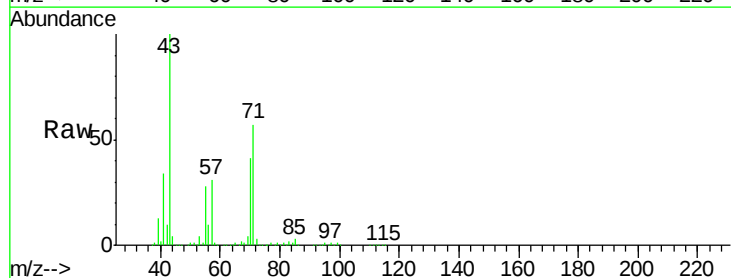
Tgt Ion: 42 Resp: 432752

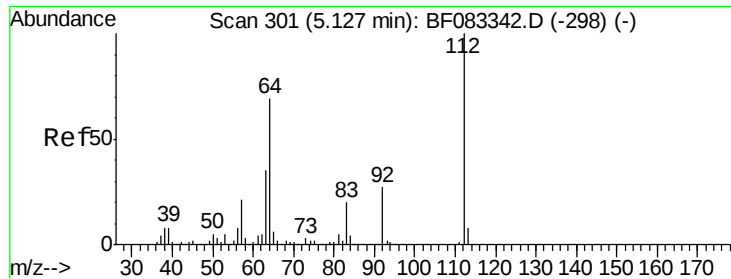
Ion Ratio Lower Upper

42 100

74 0.4 93.7 140.5#

44 36.6 5.6 8.4#





#5

2-Fluorophenol

Concen: 13.80 ng

RT: 5.22 min Scan# 309

Delta R.T. 0.09 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

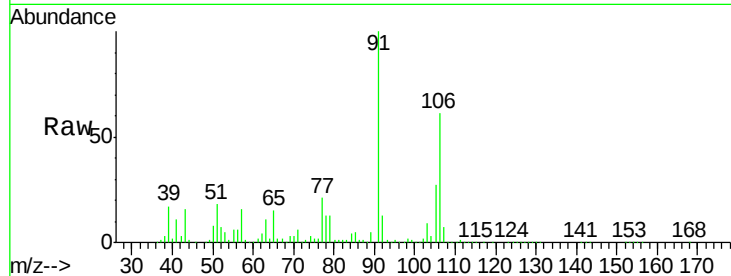
Tot Ion:112 Resp: 13160

Ion Ratio Lower Upper

112 100

64 653.4 55.6 83.4#

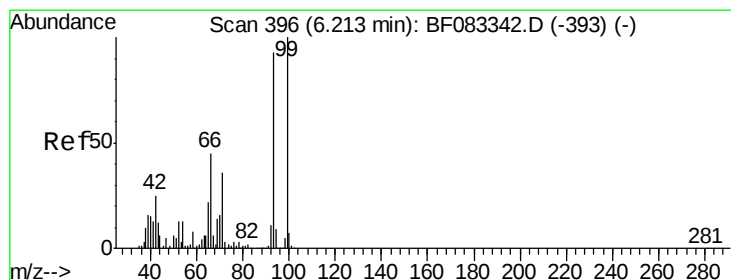
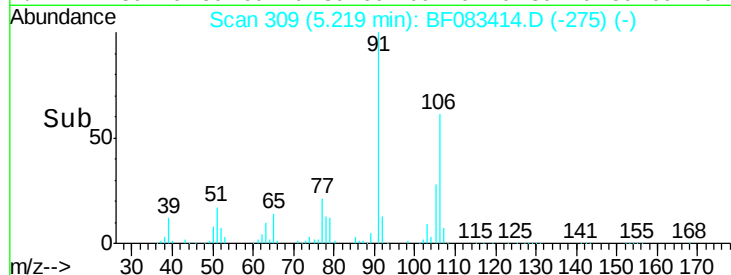
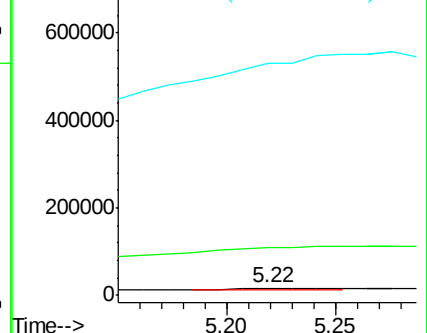
63 3140.0 28.2 42.2#



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: 245.81 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.14 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

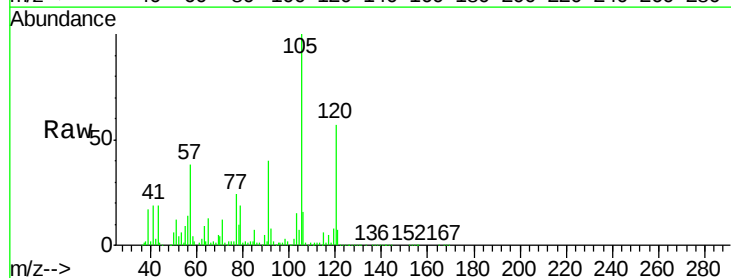
Tgt Ion: 93 Resp: 438984

Ion Ratio Lower Upper

93 100

66 92.7 38.7 58.1#

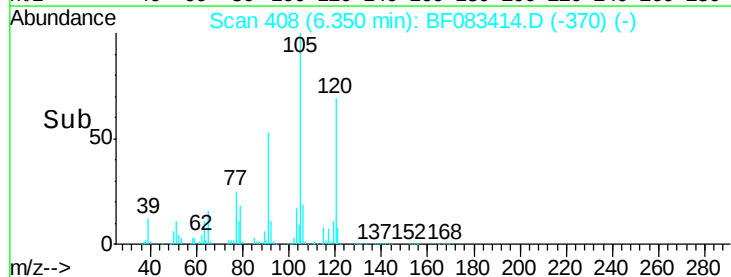
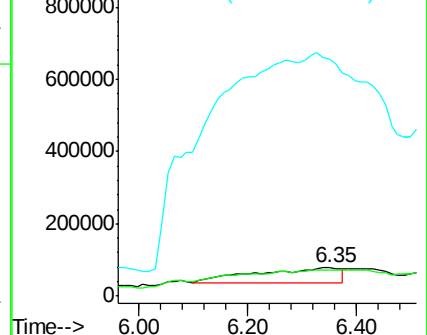
65 837.1 19.0 28.6#

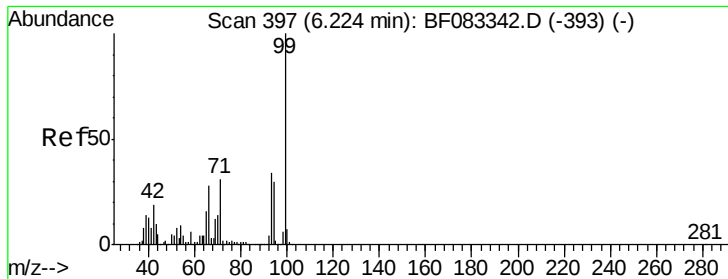


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 154.17 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

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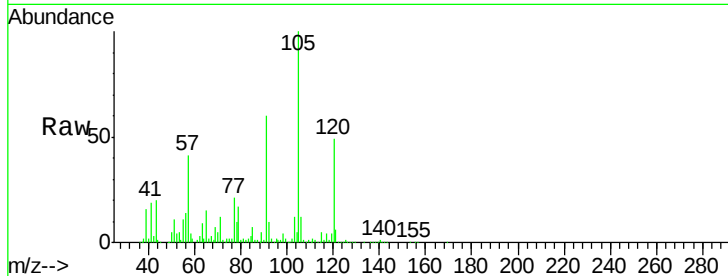
Tot Ion: 99 Resp: 201249

Ion Ratio Lower Upper

99 100

42 134.3 14.9 22.3#

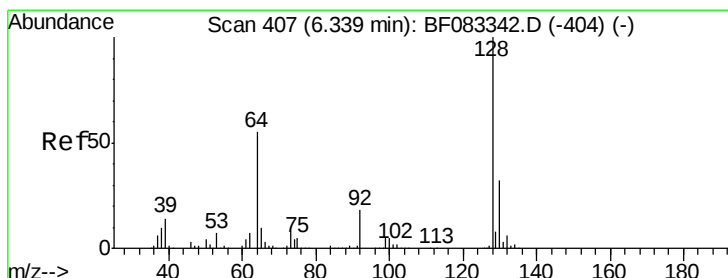
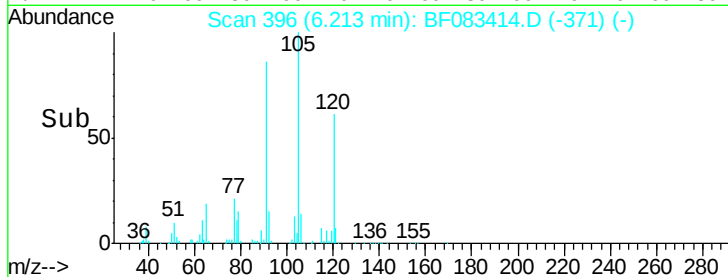
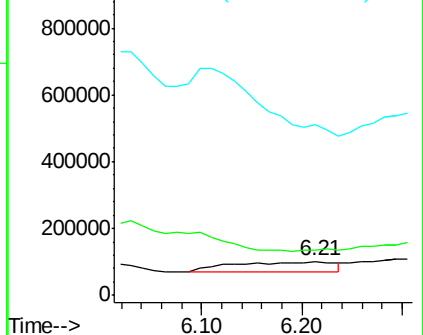
71 506.9 24.7 37.1#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 3.91 ng

RT: 6.58 min Scan# 428

Delta R.T. 0.24 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

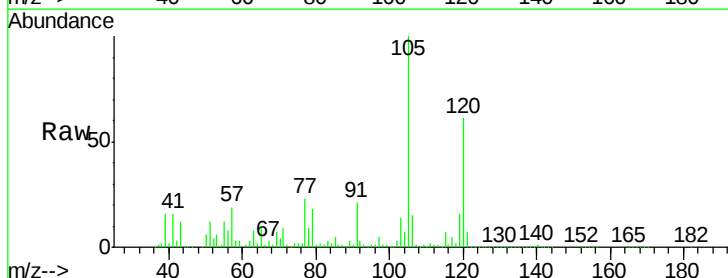
Tgt Ion:128 Resp: 4118

Ion Ratio Lower Upper

128 100

130 20.6 12.3 52.3

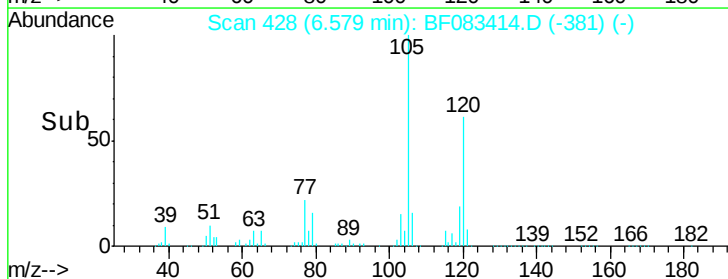
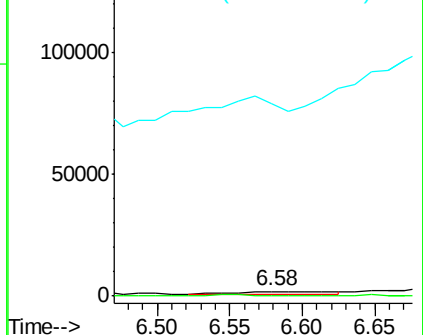
64 4174.0 36.4 76.4#

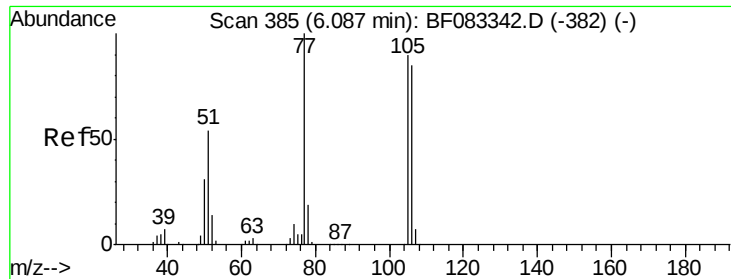


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.42 min Scan# 414

Delta R.T. 0.33 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

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C-68-20151130

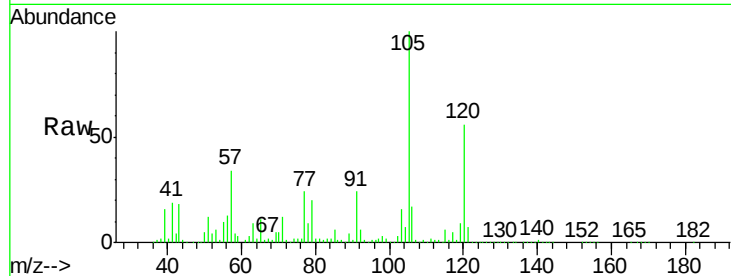
Tot Ion: 77 Resp:18378319

Ion Ratio Lower Upper

77 100

105 411.1 70.0 110.0#

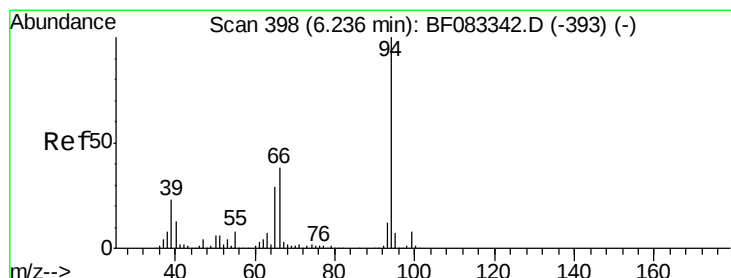
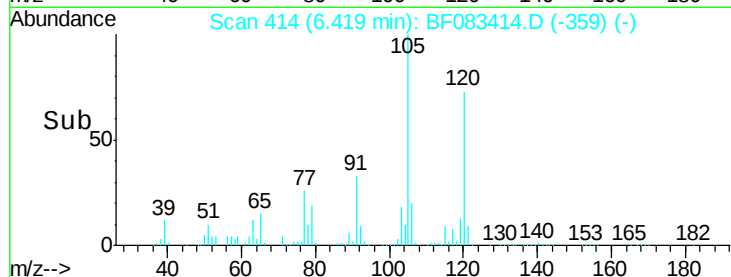
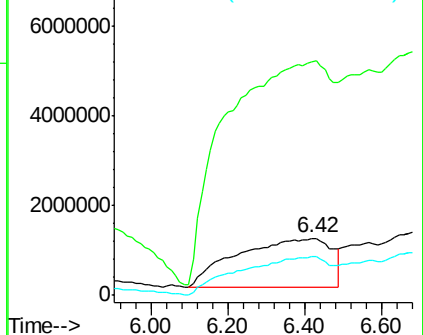
106 68.6 65.0 105.0



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: 14.12 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.11 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

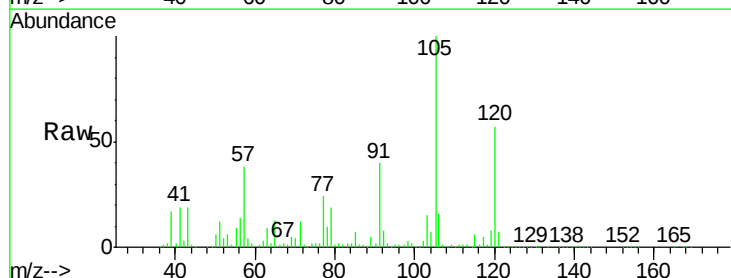
Tgt Ion: 94 Resp: 22172

Ion Ratio Lower Upper

94 100

65 6157.0 9.5 49.5#

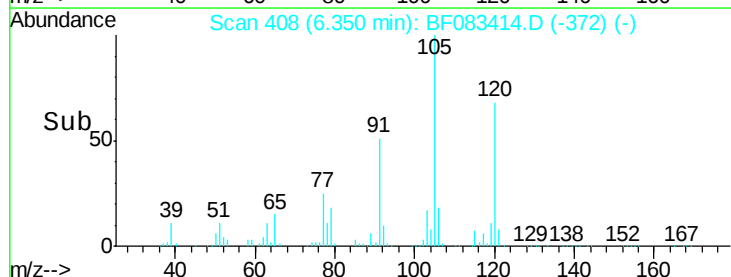
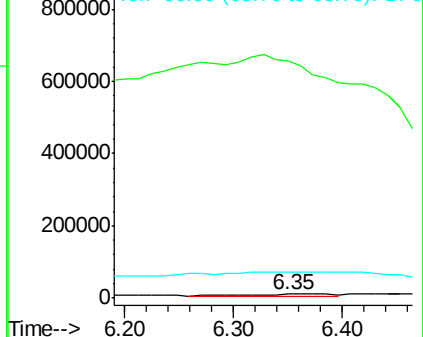
66 681.9 17.9 57.9#

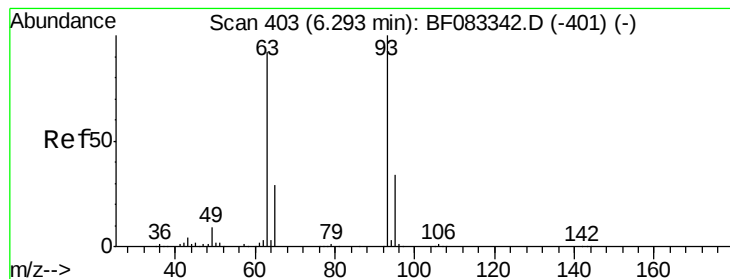


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 120.80 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.06 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

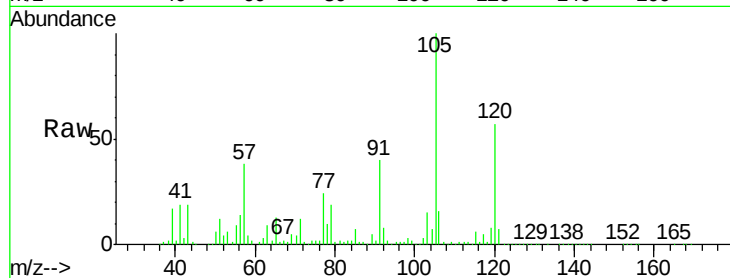
Tot Ion: 93 Resp: 138017

Ion Ratio Lower Upper

93 100

63 572.9 71.4 111.4#

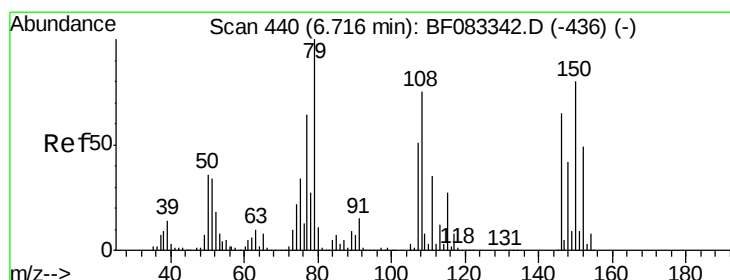
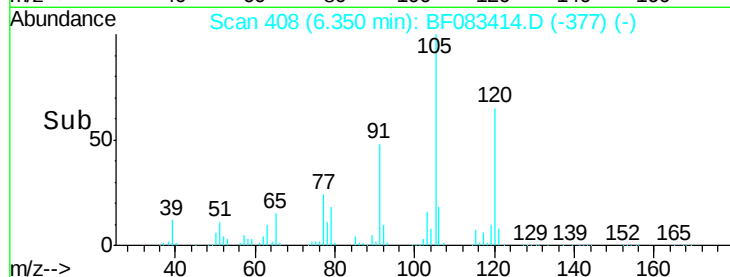
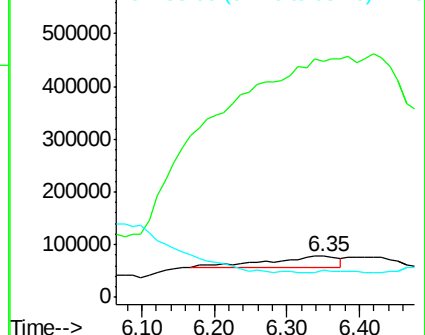
95 66.3 13.4 53.4#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#15

Benzyl Alcohol

Concen: 2831.22 ng

RT: 6.89 min Scan# 455

Delta R.T. 0.17 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

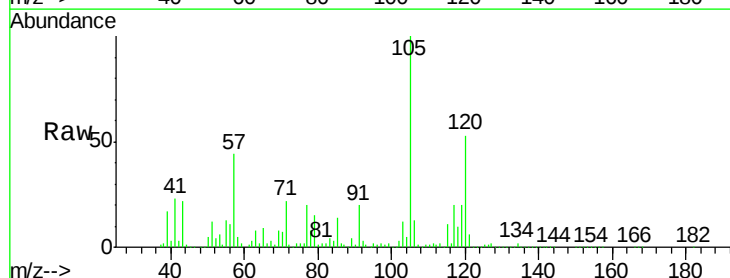
Tgt Ion: 79 Resp: 2856446

Ion Ratio Lower Upper

79 100

108 0.8 59.9 89.9#

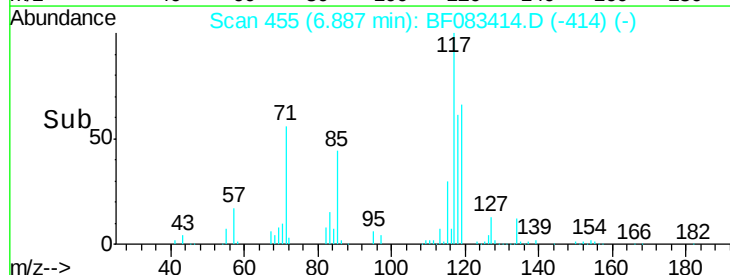
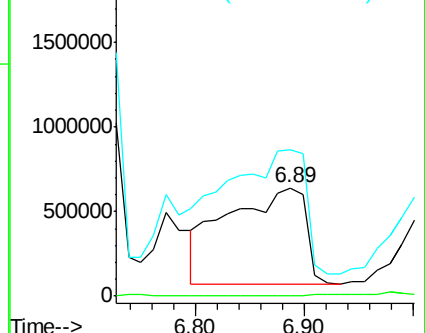
77 135.8 51.0 76.6#

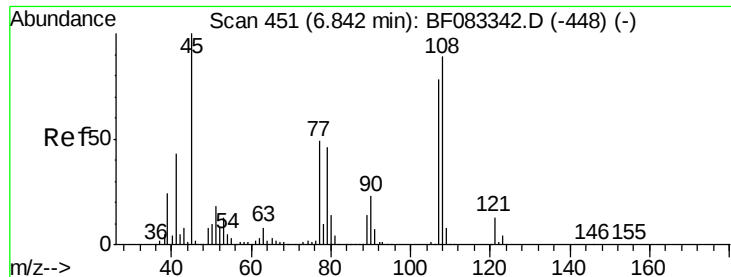


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 8.73 ng

RT: 6.93 min Scan# 459

Delta R.T. 0.09 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

Tot Ion:107 Resp: 7658

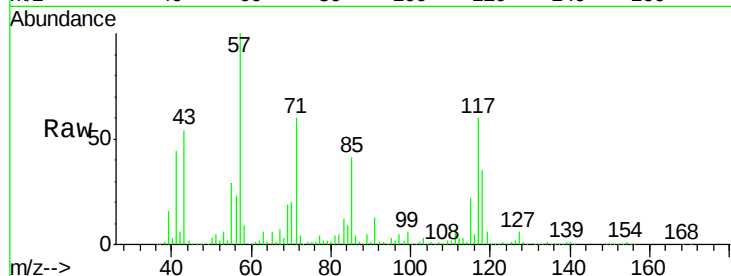
Ion Ratio Lower Upper

107 100

108 43.1 91.6 137.4#

77 562.4 49.9 74.9#

79 306.9 47.3 70.9#

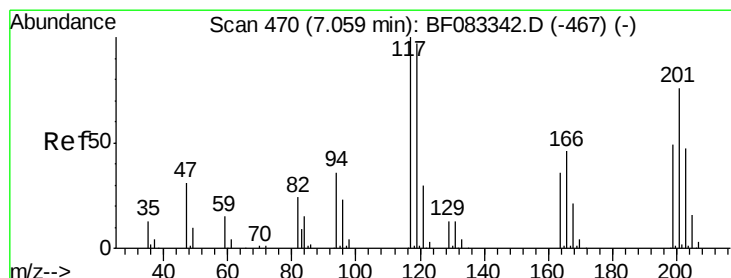
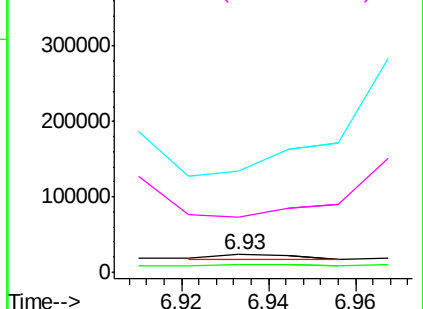
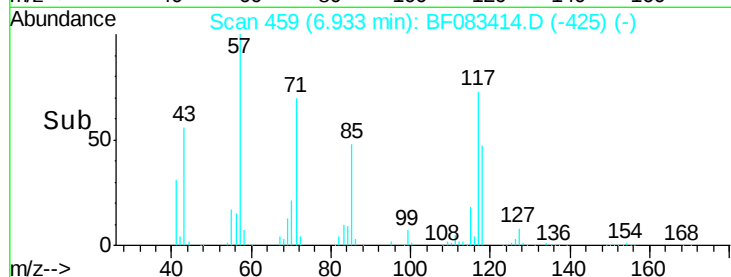


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 3050.99 ng

RT: 7.15 min Scan# 478

Delta R.T. 0.09 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

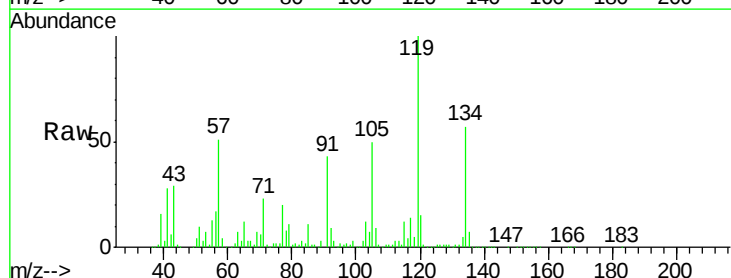
Tgt Ion:117 Resp: 1280750

Ion Ratio Lower Upper

117 100

119 710.1 77.3 115.9#

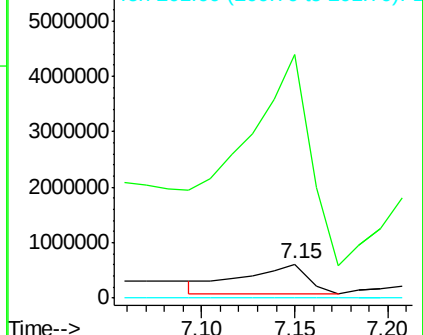
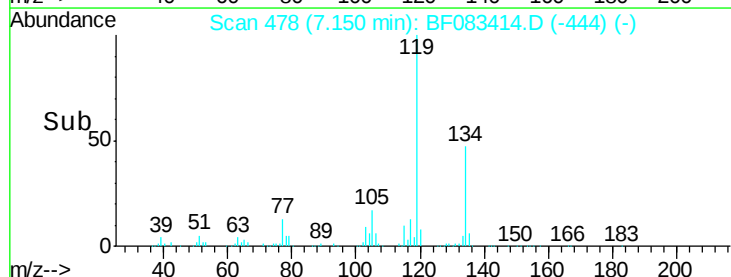
201 0.0 60.6 90.8#

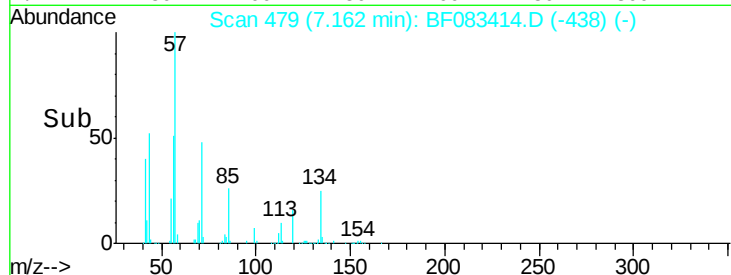
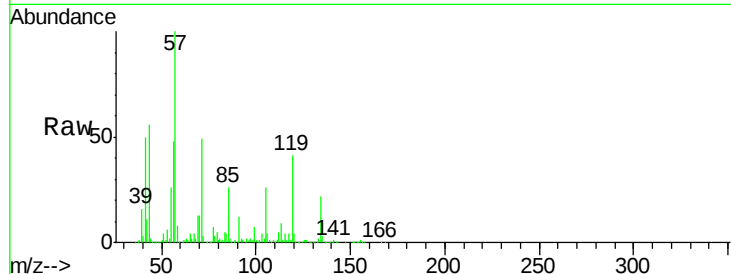
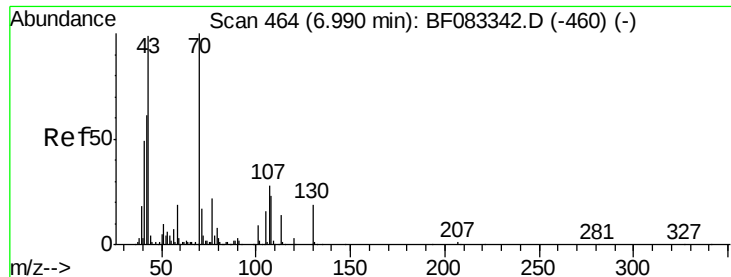


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

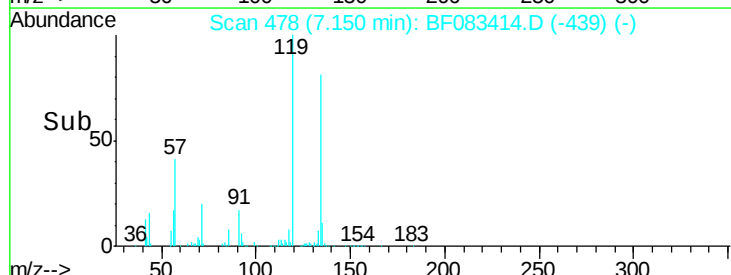
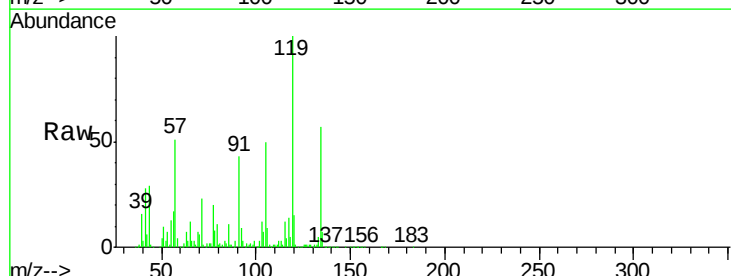
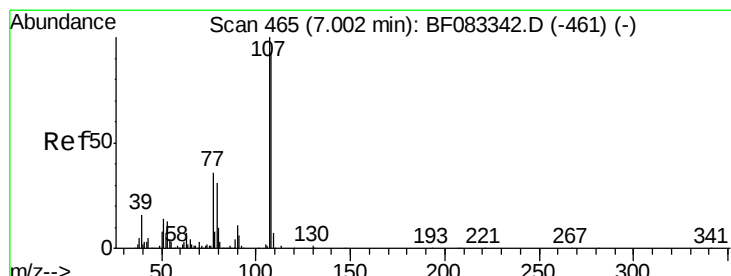
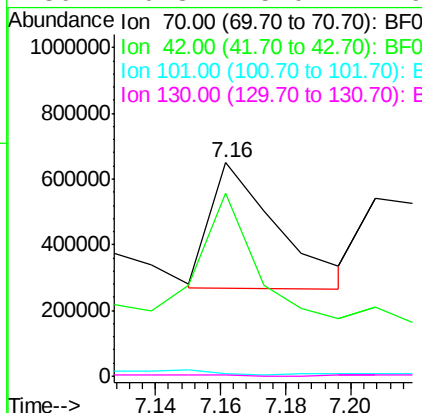




#19
n-Nitroso-di-n-propylamine
Concen: 578.75 ng
RT: 7.16 min Scan# 479
Delta R.T. 0.17 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

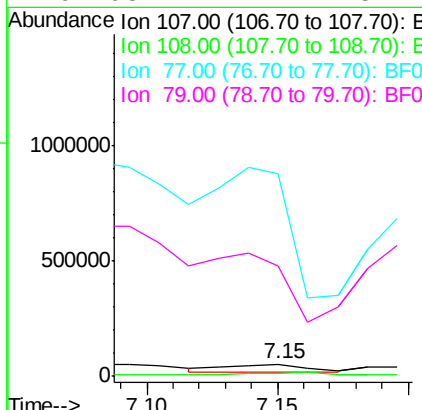
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

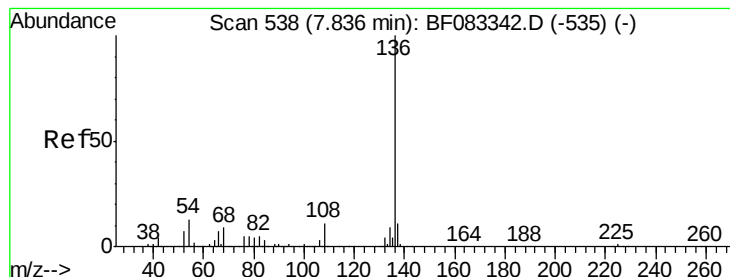
Tot Ion: 70 Resp: 540029
Ion Ratio Lower Upper
70 100
42 85.8 48.8 73.2#
101 1.1 7.1 10.7#
130 0.3 15.0 22.6#



#20
3+4-Methylphenols
Concen: 64.35 ng
RT: 7.15 min Scan# 478
Delta R.T. 0.15 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion:107 Resp: 76423
Ion Ratio Lower Upper
107 100
108 20.0 73.0 113.0#
77 1712.3 16.8 56.8#
79 934.2 11.4 51.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 560

Delta R.T. 0.25 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

Tot Ion:136 Resp: 26239

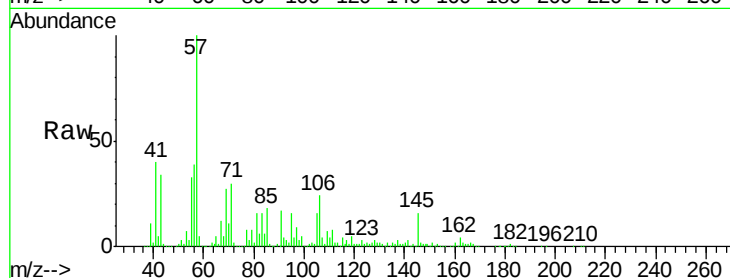
Ion Ratio Lower Upper

136 100

137 444.6 9.0 13.4#

54 343.6 10.1 15.1#

68 643.3 7.1 10.7#

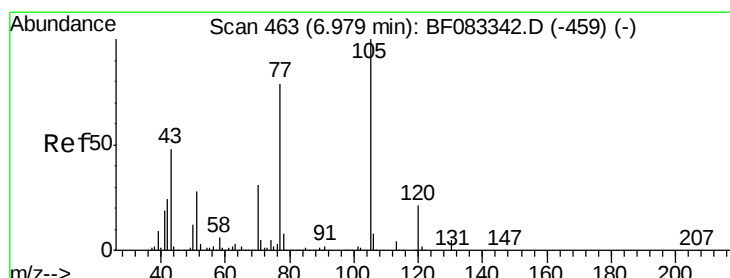
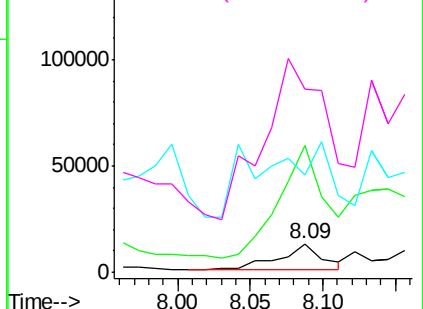
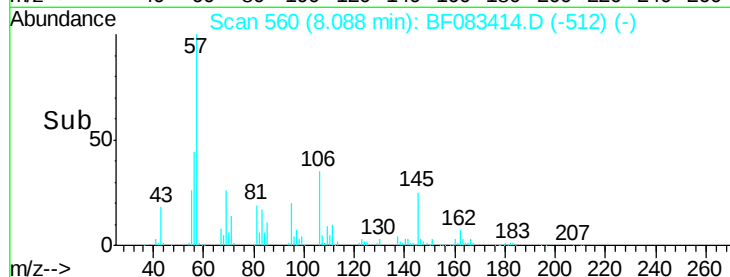


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 8598.38 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.22 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Tgt Ion:105 Resp: 6750309

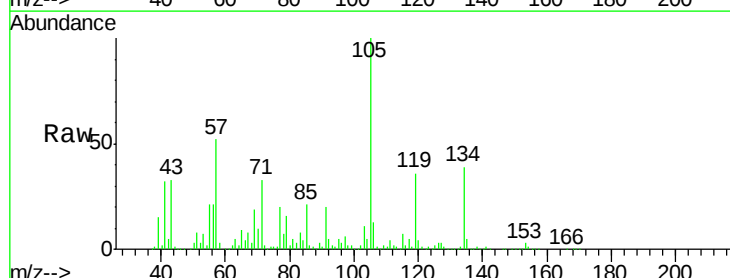
Ion Ratio Lower Upper

105 100

71 33.3 4.3 6.5#

51 8.0 22.9 34.3#

120 3.9 16.7 25.1#

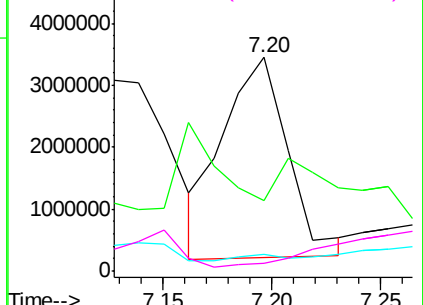
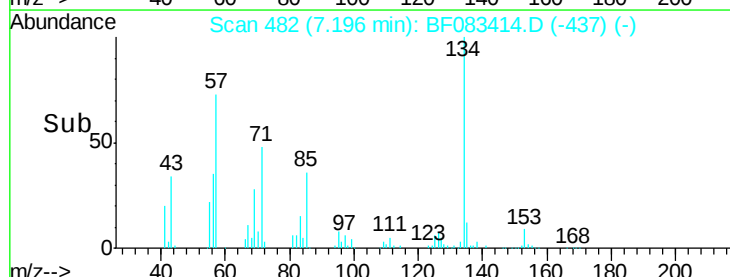


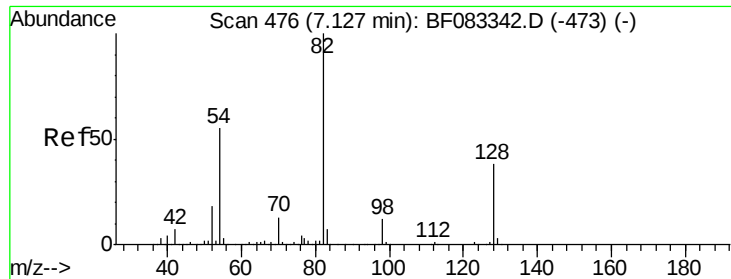
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

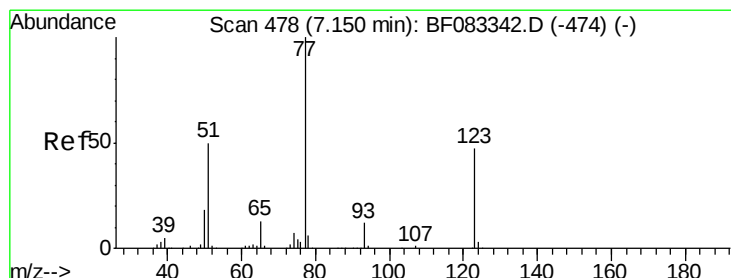
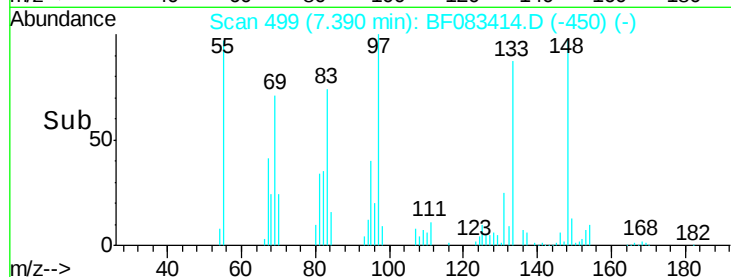
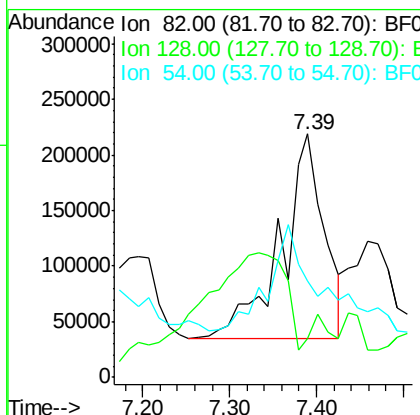
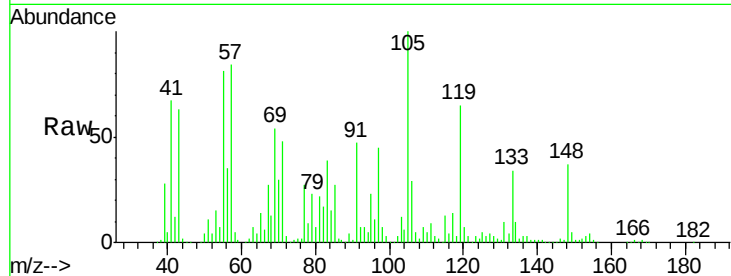




#23
 Nitrobenzene-d5
 Concen: 1057.46 ng
 RT: 7.39 min Scan# 499
 Delta R.T. 0.26 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

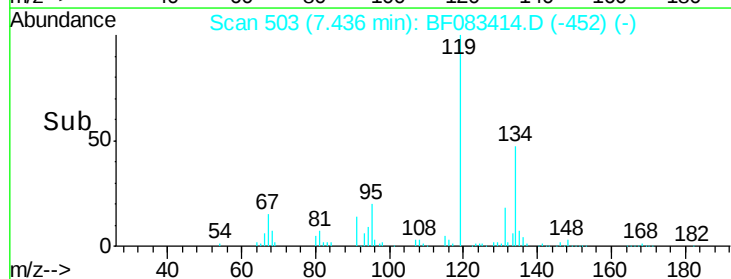
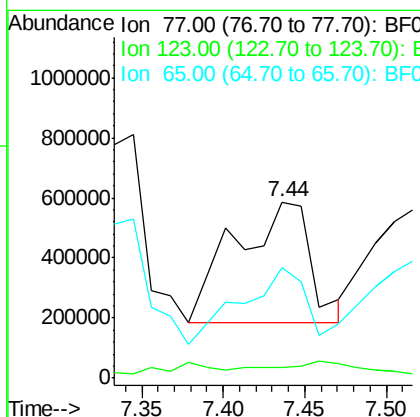
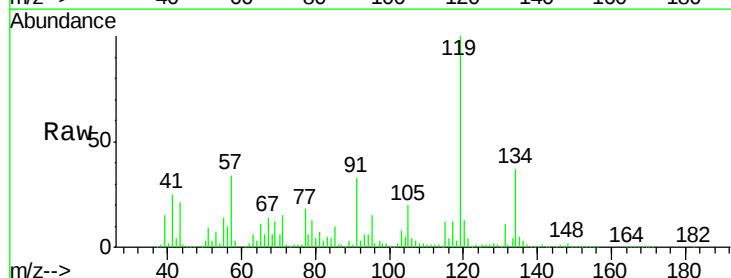
Instrument :
 BNA_F
 ClientSampleId :
 C-68-20151130

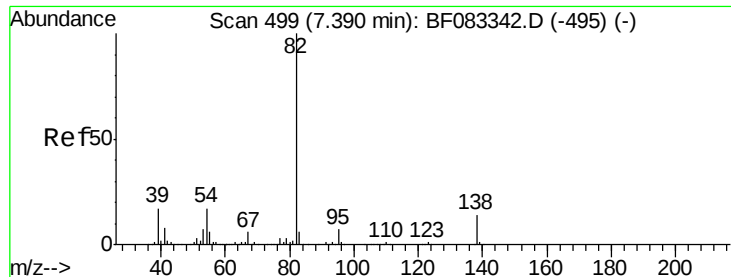
Tot Ion: 82 Resp: 631198
 Ion Ratio Lower Upper
 82 100
 128 15.8 30.6 46.0#
 54 39.8 43.8 65.6#



#24
 Nitrobenzene
 Concen: 2036.70 ng
 RT: 7.44 min Scan# 503
 Delta R.T. 0.29 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

Tgt Ion: 77 Resp: 1298207
 Ion Ratio Lower Upper
 77 100
 123 6.0 37.4 56.0#
 65 62.8 10.6 15.8#





#25

Isophorone

Concen: 839.00 ng

RT: 7.64 min Scan# 521

Delta R.T. 0.25 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

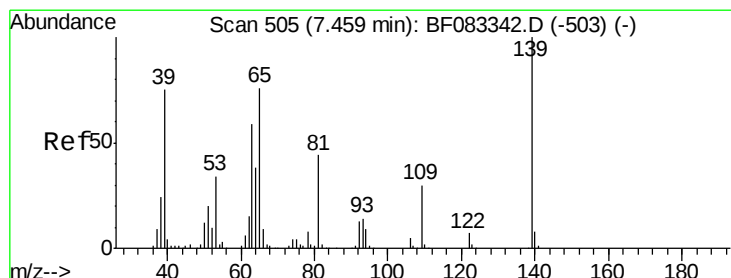
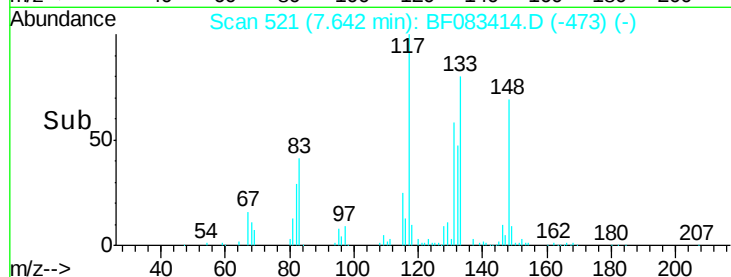
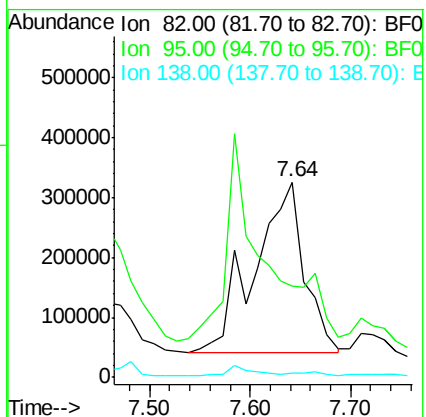
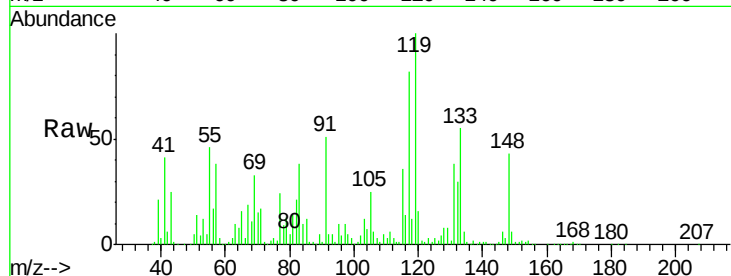
Tot Ion: 82 Resp: 970056

Ion Ratio Lower Upper

82 100

95 46.9 5.3 7.9#

138 2.2 11.6 17.4#



#26

2-Nitrophenol

Concen: 51.27 ng

RT: 7.71 min Scan# 527

Delta R.T. 0.25 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

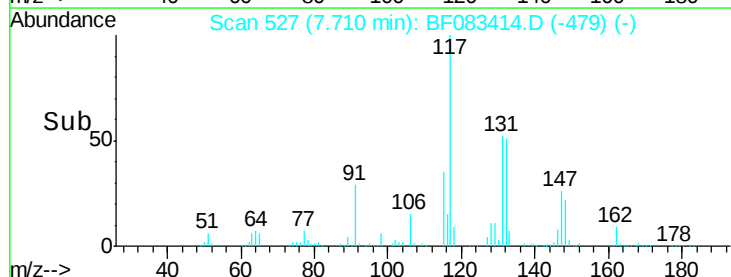
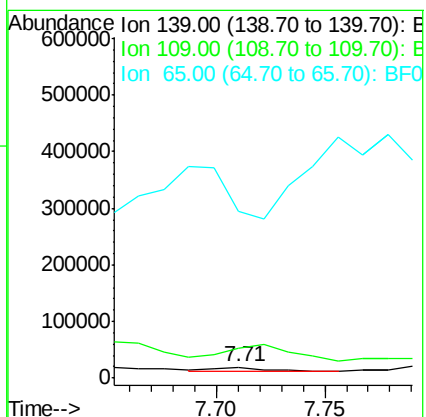
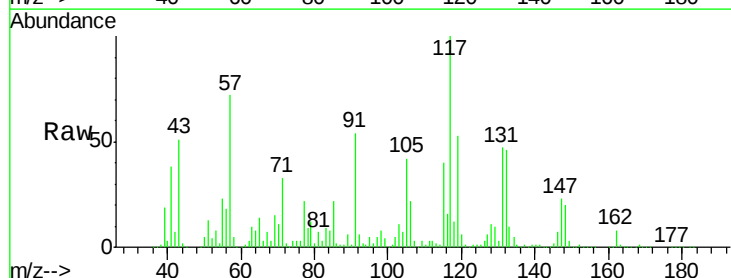
Tgt Ion: 139 Resp: 13341

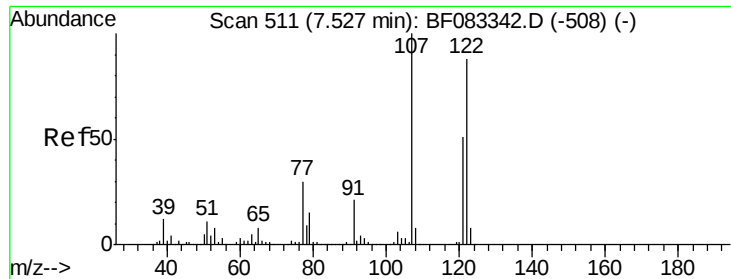
Ion Ratio Lower Upper

139 100

109 282.6 24.2 36.4#

65 1559.1 61.0 91.6#

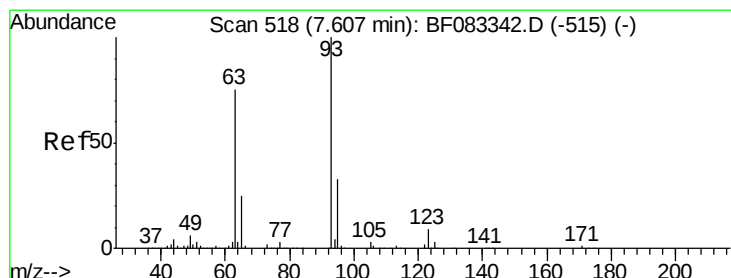
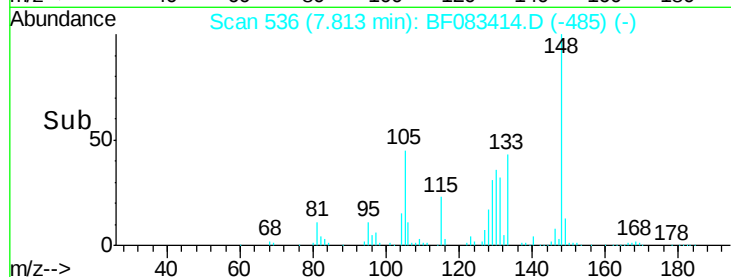
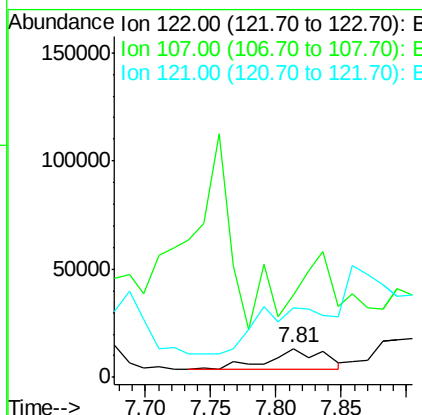
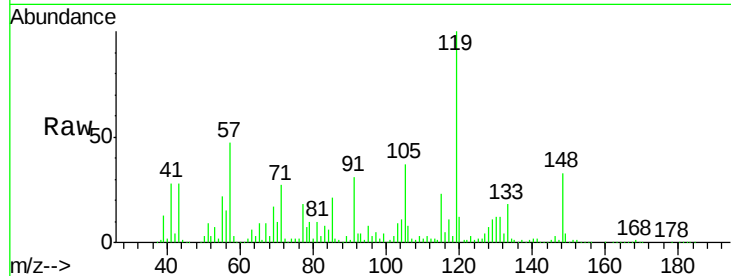




#27
2,4-Dimethylphenol
Concen: 66.43 ng
RT: 7.81 min Scan# 536
Delta R.T. 0.29 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

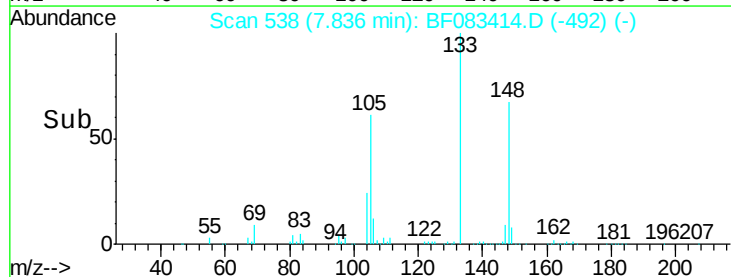
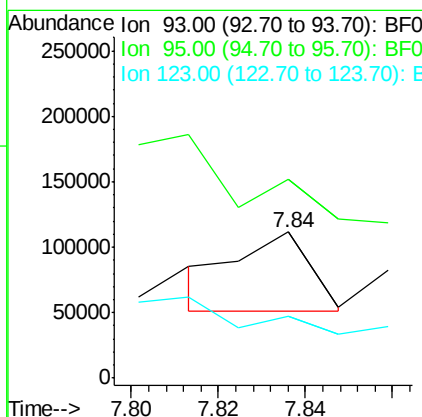
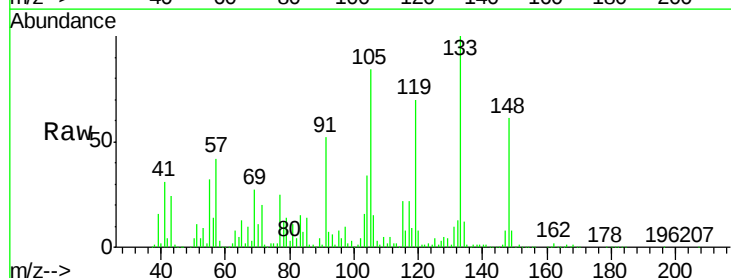
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

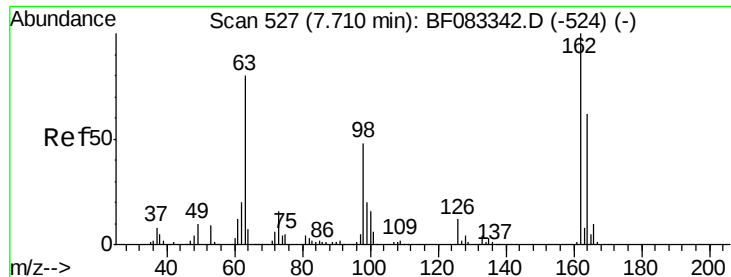
Tot Ion:122 Resp: 28975
Ion Ratio Lower Upper
122 100
107 285.2 91.2 136.8#
121 239.4 46.4 69.6#



#28
bis(2-Chloroethoxy)methane
Concen: 105.94 ng
RT: 7.84 min Scan# 538
Delta R.T. 0.23 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion: 93 Resp: 69754
Ion Ratio Lower Upper
93 100
95 136.3 26.1 39.1#
123 42.1 7.4 11.0#





#29

2,4-Dichlorophenol

Concen: 301.63 ng

RT: 7.92 min Scan# 545

Delta R.T. 0.21 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

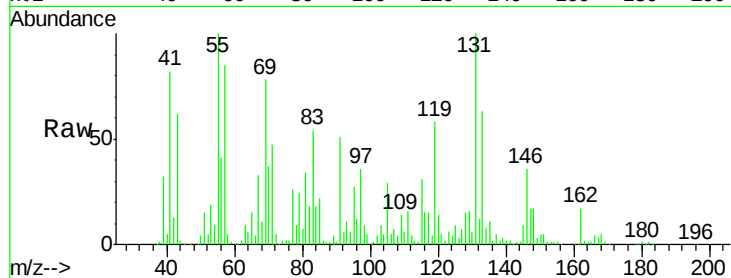
Tot Ion:162 Resp: 126529

Ion Ratio Lower Upper

162 100

164 5.7 41.9 81.9#

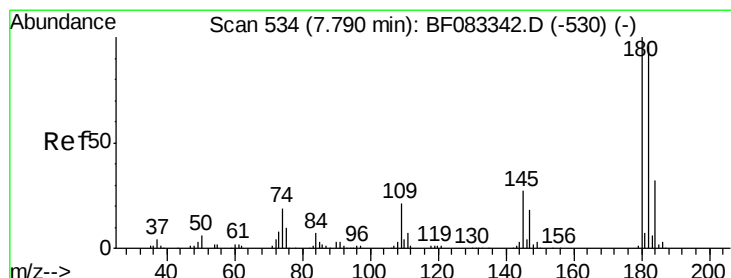
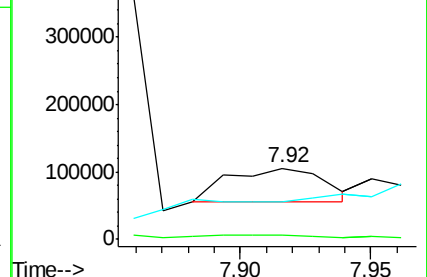
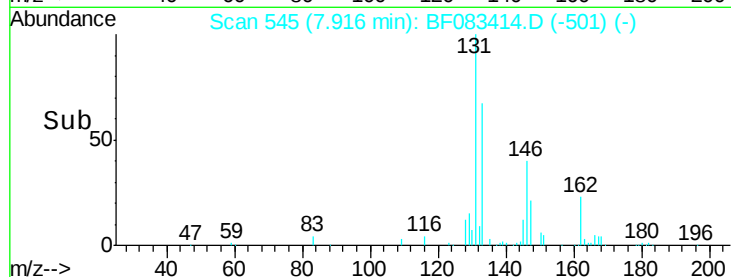
98 52.9 28.1 68.1



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: 40.25 ng

RT: 8.08 min Scan# 559

Delta R.T. 0.29 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

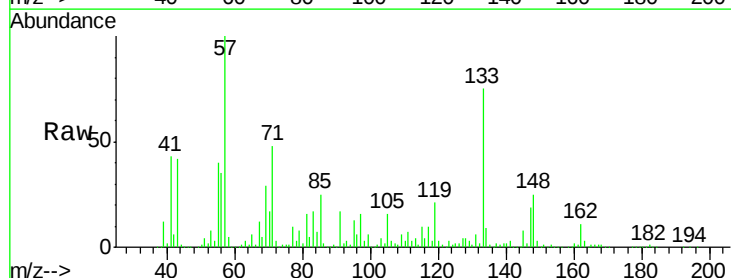
Tgt Ion:180 Resp: 18380

Ion Ratio Lower Upper

180 100

182 167.0 77.2 115.8#

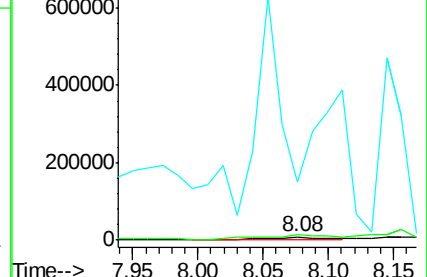
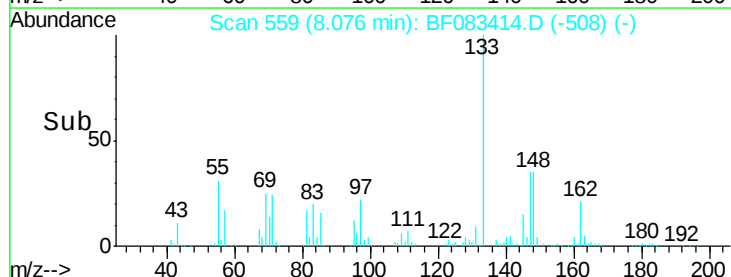
145 1861.2 21.4 32.2#

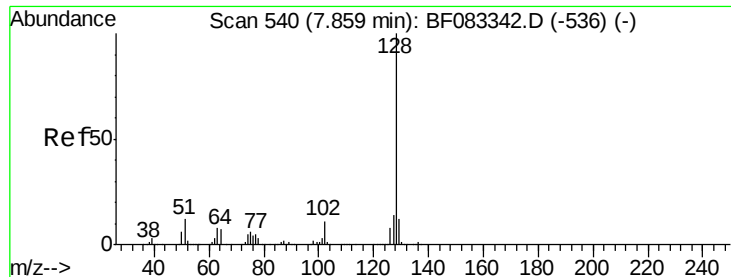


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

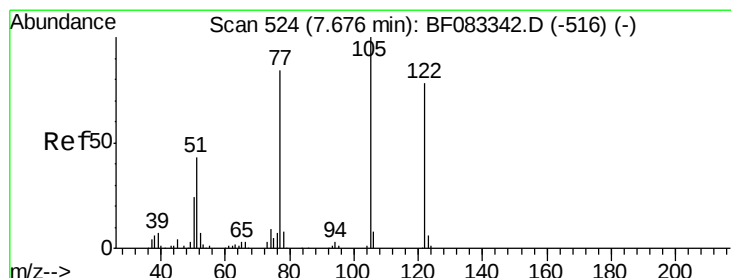
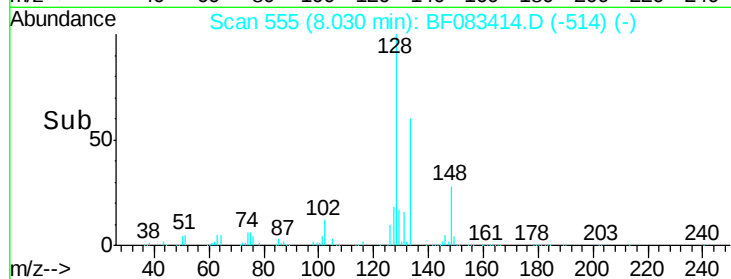
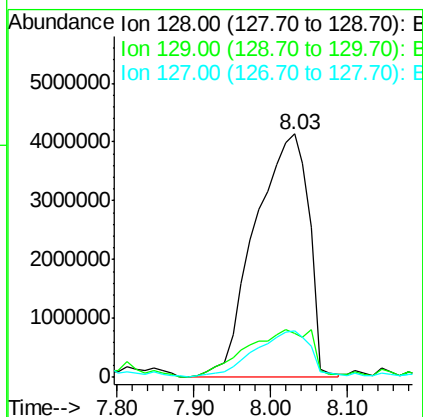
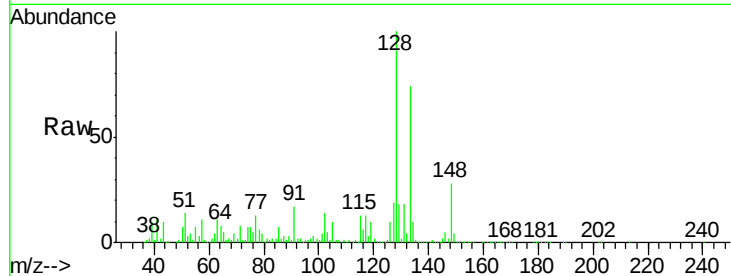




#31
Naphthalene
Concen: 14071.72 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.17 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

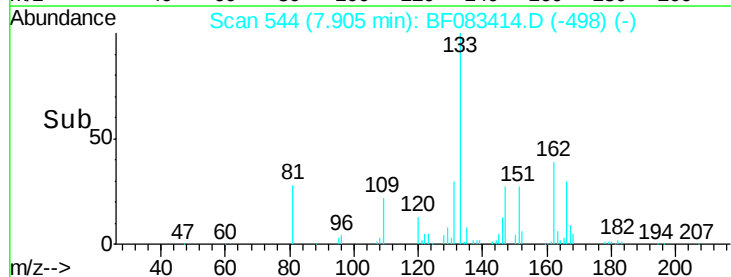
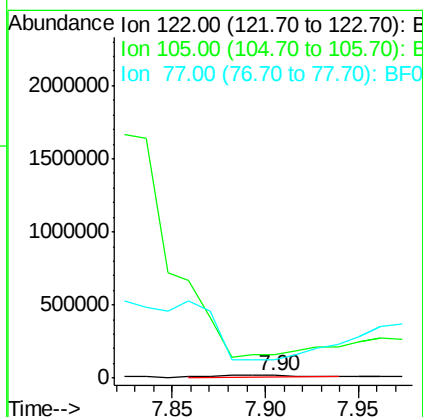
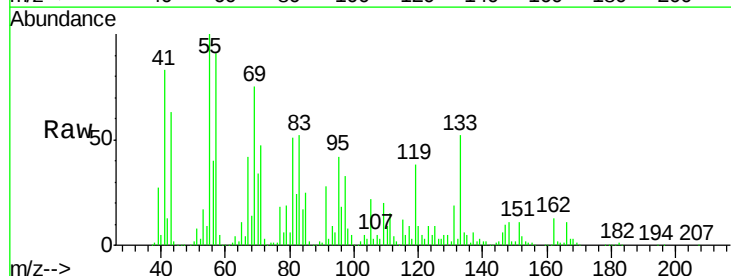
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

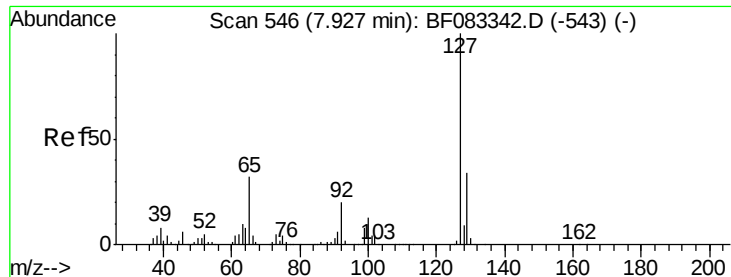
Tot Ion:128 Resp:20033590
Ion Ratio Lower Upper
128 100
129 17.8 9.7 14.5#
127 19.1 11.0 16.4#



#32
Benzoic acid
Concen: 84.30 ng
RT: 7.90 min Scan# 544
Delta R.T. 0.23 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion:122 Resp: 25360
Ion Ratio Lower Upper
122 100
105 887.6 106.0 146.0#
77 705.1 86.3 126.3#

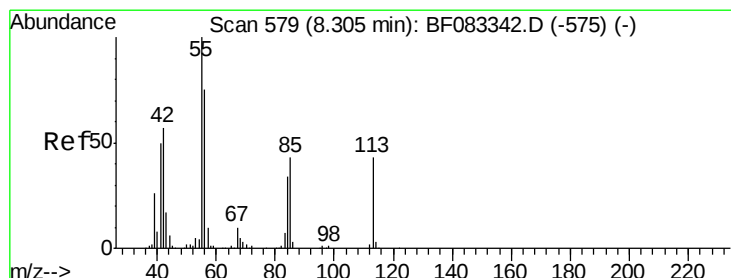
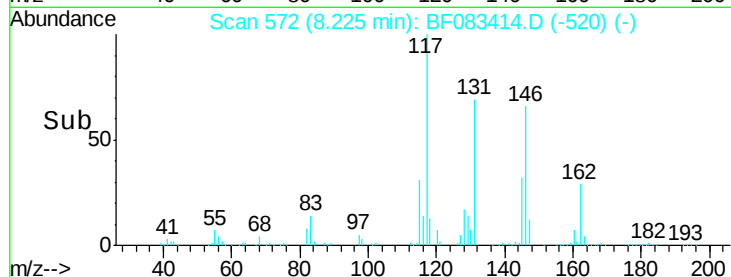
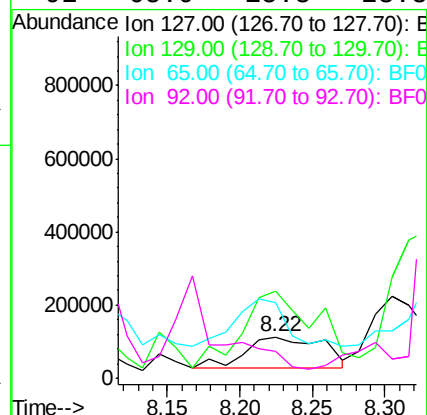
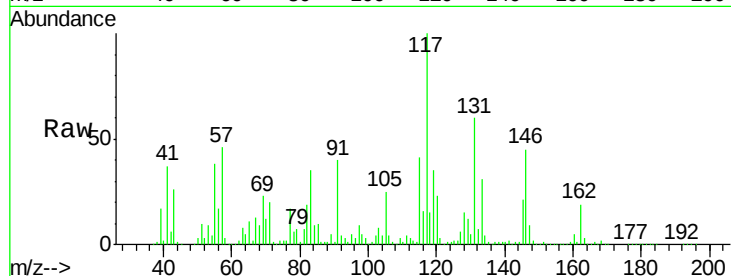




#33
4-Chloroaniline
Concen: 504.24 ng
RT: 8.22 min Scan# 572
Delta R.T. 0.30 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

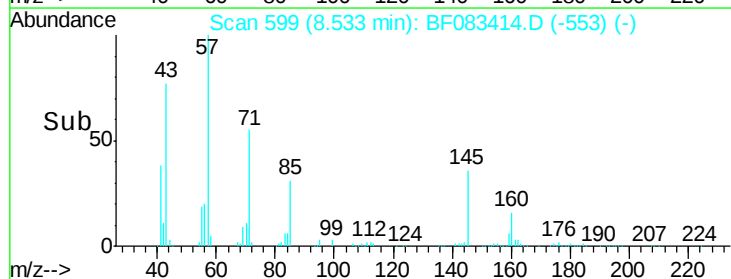
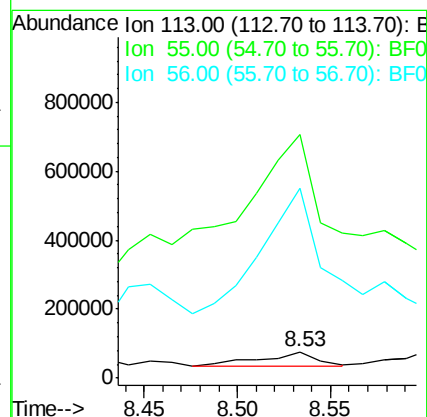
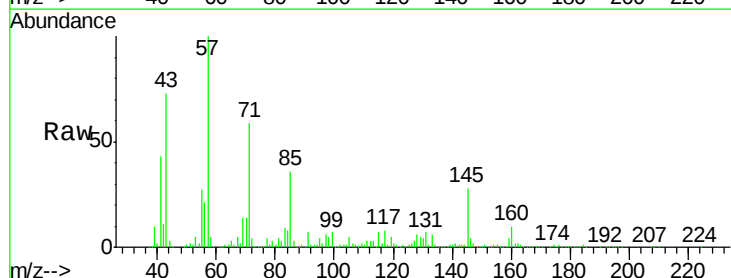
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

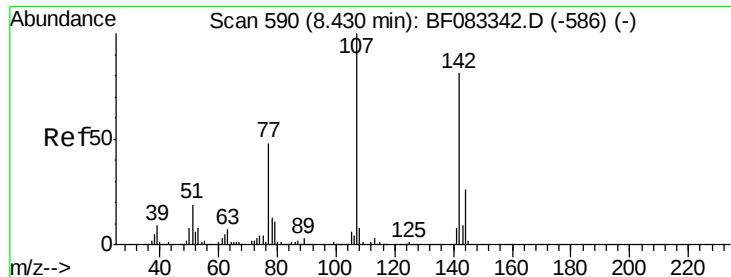
Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	212.7	27.0	40.4#	
65	185.5	25.9	38.9#	
92	65.9	15.8	23.8#	



#35
Caprolactam
Concen: 615.33 ng
RT: 8.53 min Scan# 599
Delta R.T. 0.23 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
113	100			
55	932.2	211.6	251.6#	
56	725.0	153.0	193.0#	

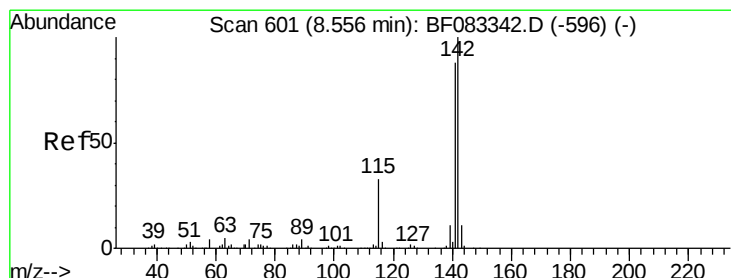
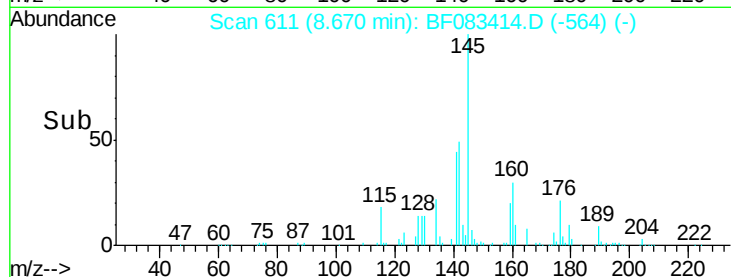
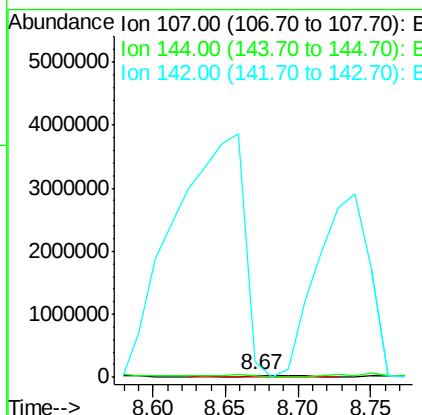
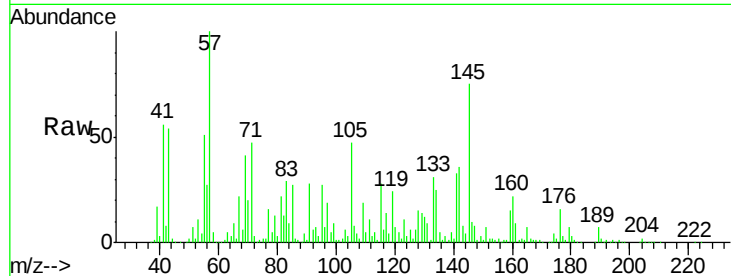




#36
 4-Chloro-3-methylphenol
 Concen: 134.90 ng
 RT: 8.67 min Scan# 611
 Delta R.T. 0.24 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

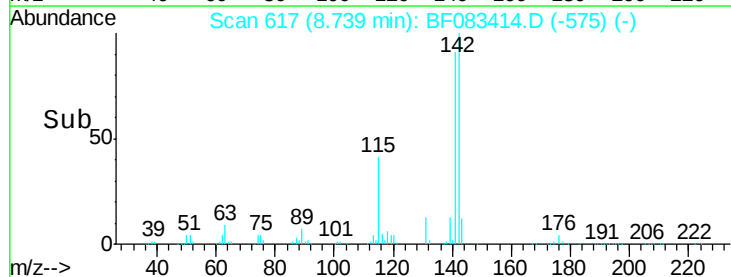
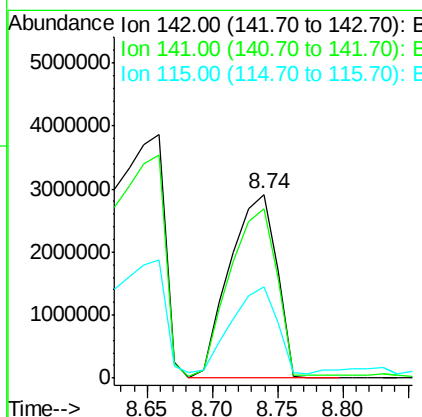
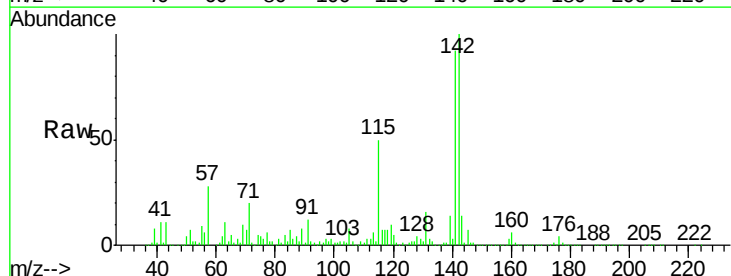
Instrument :
 BNA_F
 ClientSampleId :
 C-68-20151130

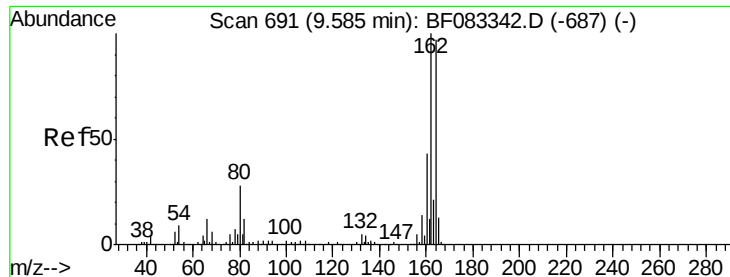
Tot Ion:107 Resp: 63476
 Ion Ratio Lower Upper
 107 100
 144 92.8 21.1 31.7#
 142 801.0 65.1 97.7#



#37
 2-Methylnaphthalene
 Concen: 7633.37 ng
 RT: 8.74 min Scan# 617
 Delta R.T. 0.18 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

Tgt Ion:142 Resp: 7262942
 Ion Ratio Lower Upper
 142 100
 141 92.0 70.6 105.8
 115 50.0 26.2 39.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 722

Delta R.T. 0.35 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

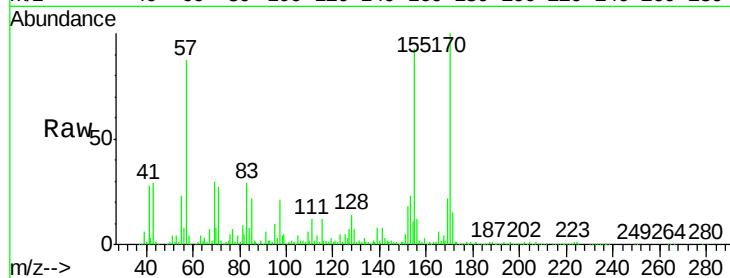
Tot Ion:164 Resp: 13089

Ion Ratio Lower Upper

164 100

162 21.5 82.6 123.8#

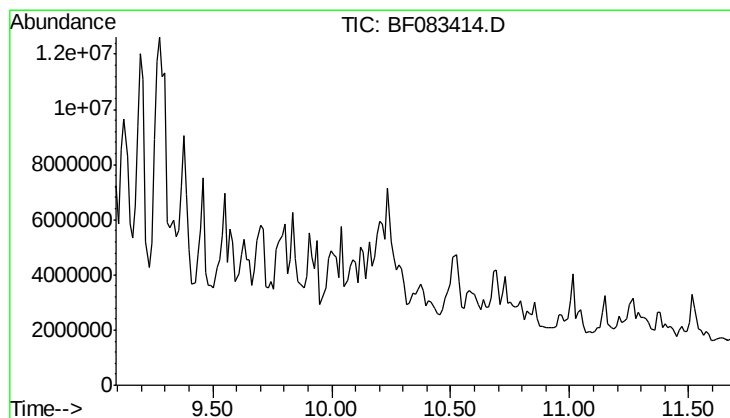
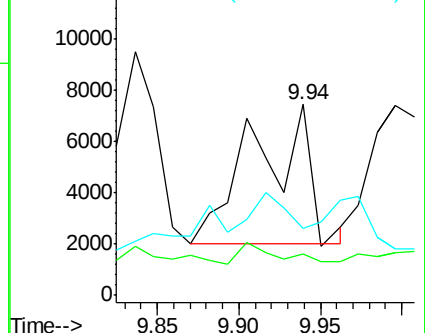
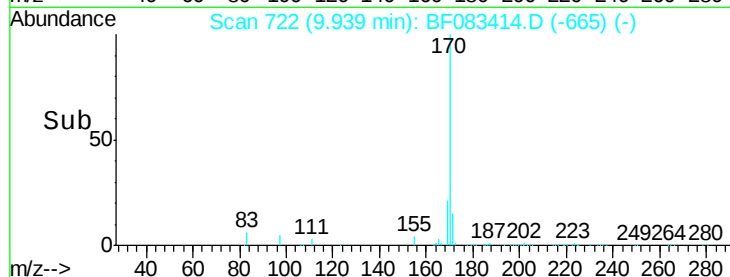
160 35.3 35.3 52.9



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



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.38 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

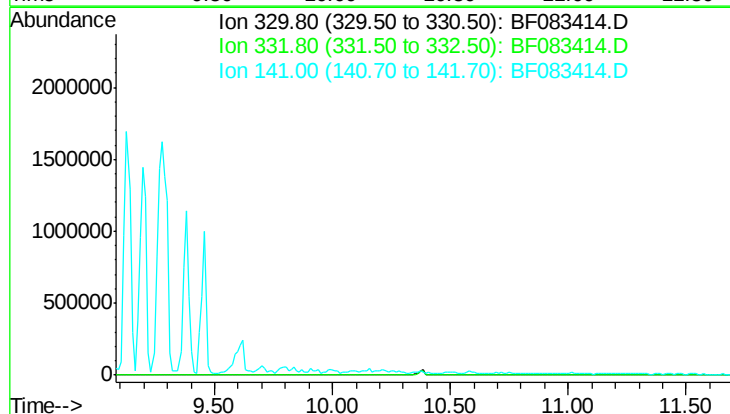
Tgt Ion: 330

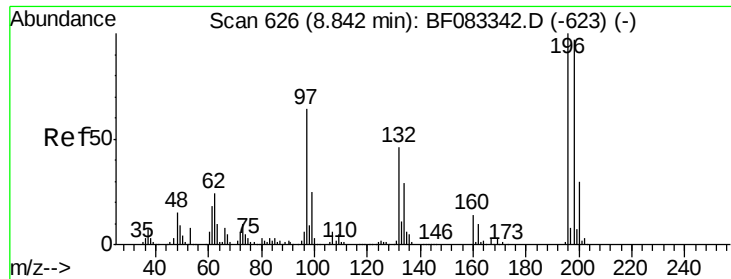
Sig Exp Ratio

330 100

332 97.2

141 36.7





#42

2,4,6-Trichlorophenol

Concen: 5.09 ng

RT: 9.12 min Scan# 650

Delta R.T. 0.27 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

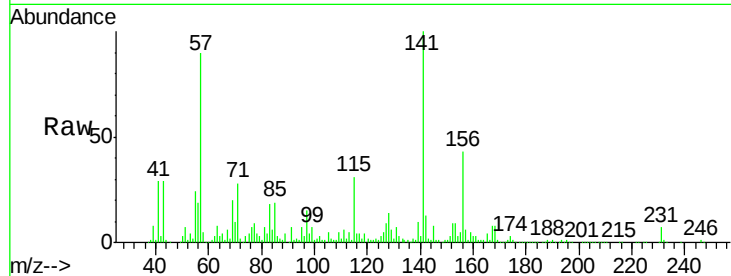
Tot Ion:196 Resp: 1481

Ion Ratio Lower Upper

196 100

198 0.0 77.2 115.8#

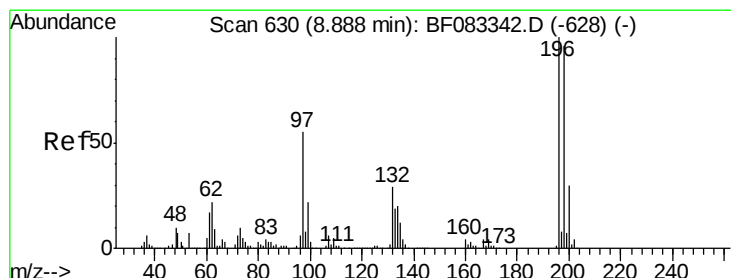
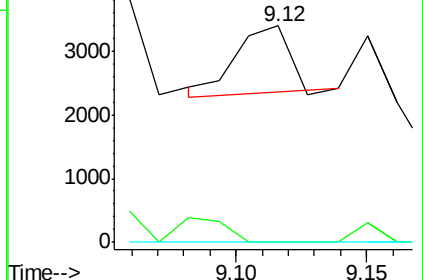
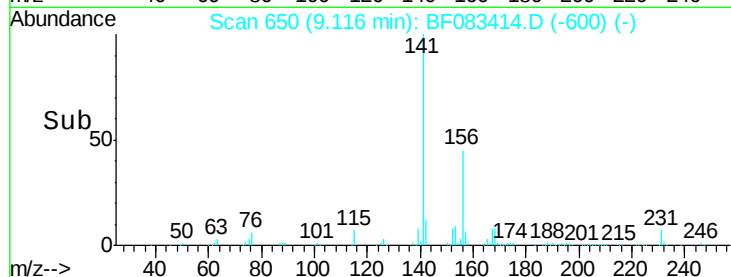
200 0.0 24.2 36.4#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 8.47 ng

RT: 9.25 min Scan# 662

Delta R.T. 0.37 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Tgt Ion:196 Resp: 2553

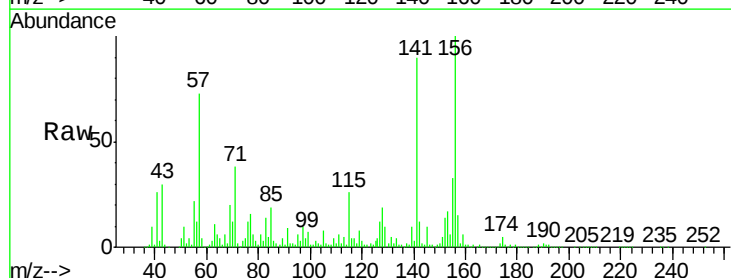
Ion Ratio Lower Upper

196 100

198 0.0 77.2 115.8#

97 5780.1 44.4 66.6#

132 892.7 23.2 34.8#

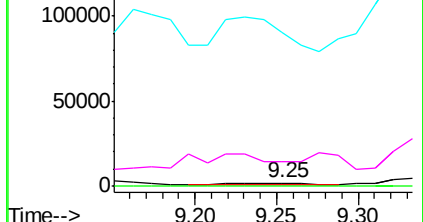
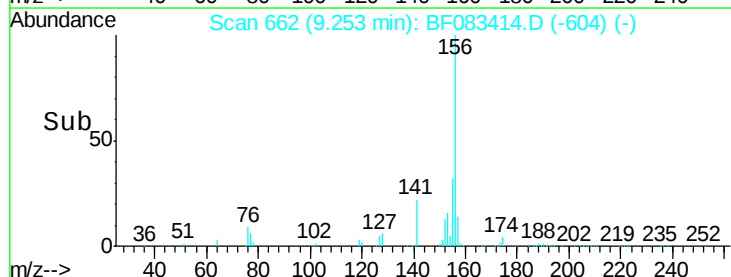


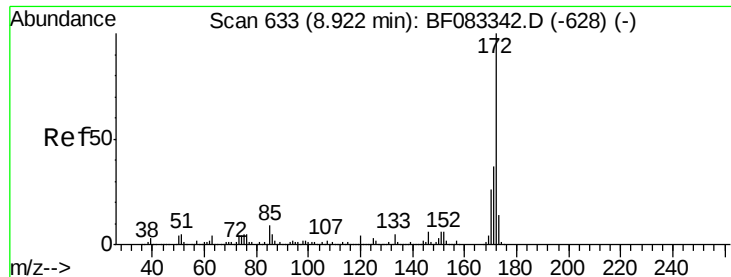
Abundance Ion 196.00 (195.70 to 196.70): E

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: 3.87 ng

RT: 9.23 min Scan# 660

Delta R.T. 0.31 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

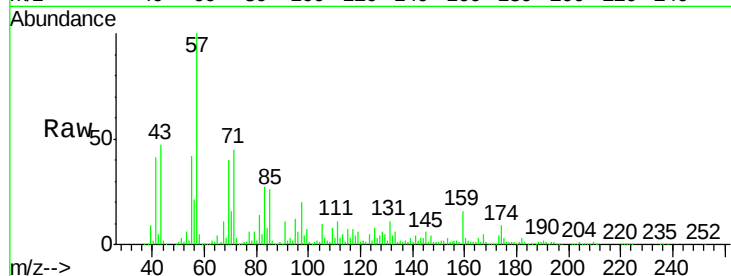
Tot Ion:172 Resp: 3551

Ion Ratio Lower Upper

172 100

171 54.8 29.4 44.0#

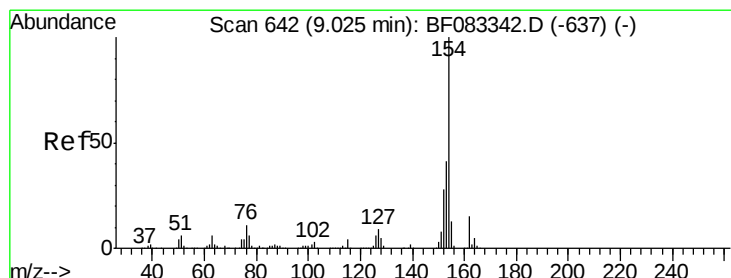
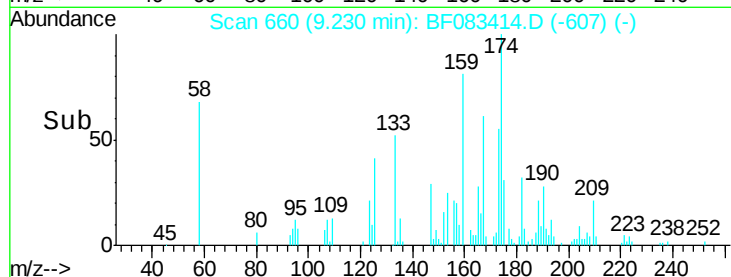
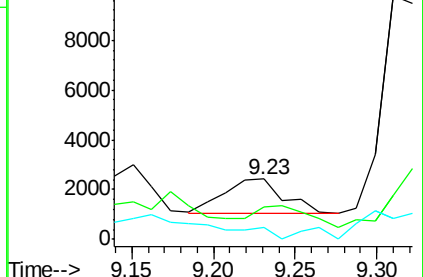
170 20.8 20.4 30.6



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: 89.16 ng

RT: 9.38 min Scan# 673

Delta R.T. 0.35 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

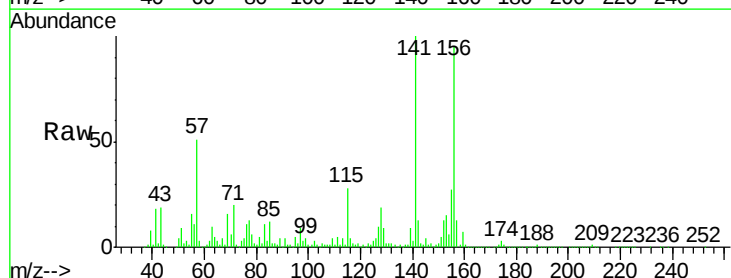
Tgt Ion:154 Resp: 102339

Ion Ratio Lower Upper

154 100

153 258.9 20.6 60.6#

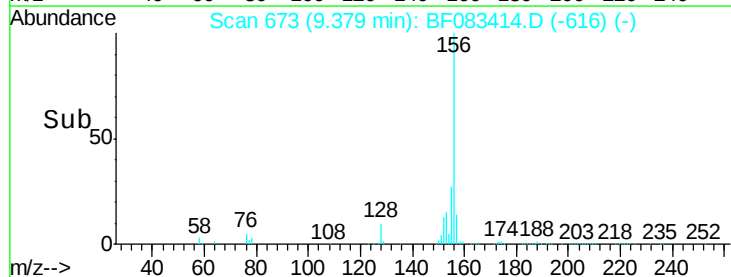
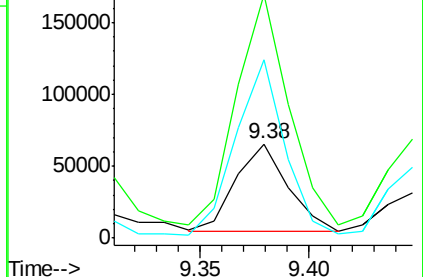
76 190.0 0.0 30.5#

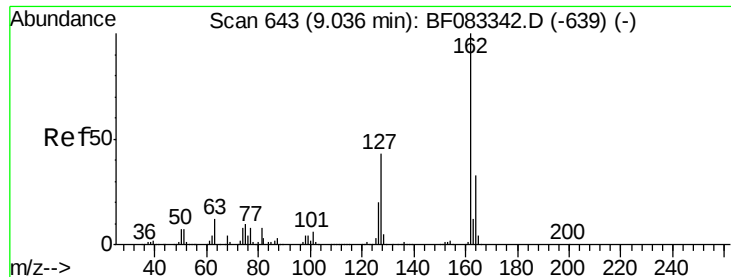


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

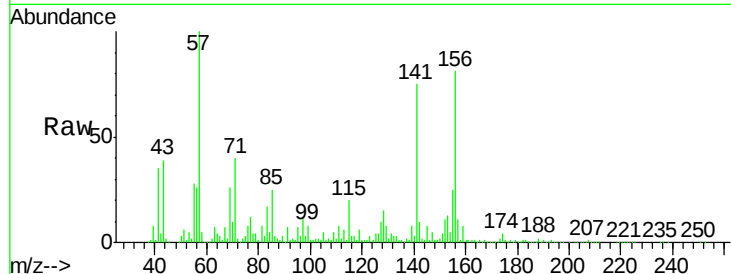




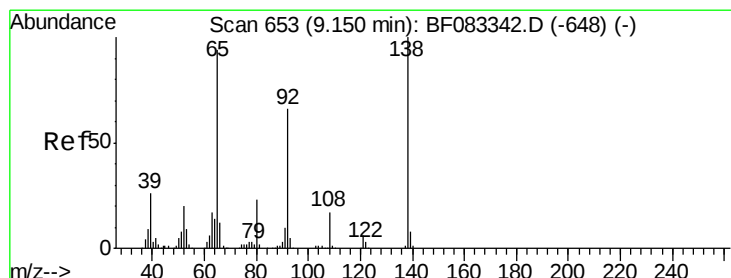
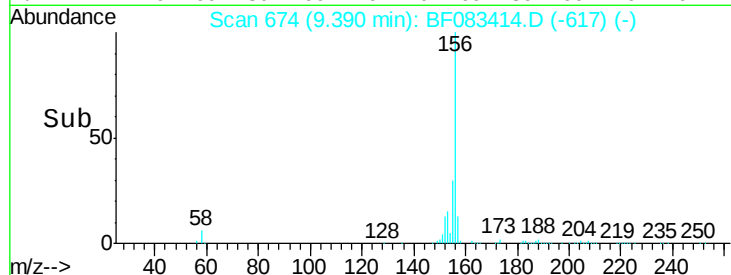
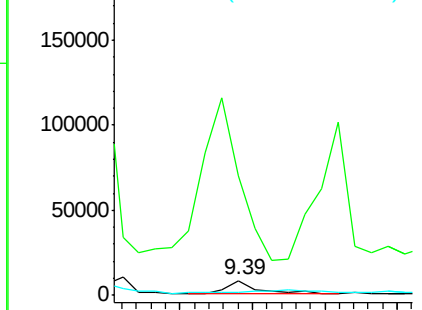
#46
2-Chloronaphthalene
Concen: 12.49 ng
RT: 9.39 min Scan# 674
Delta R.T. 0.35 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Instrument :
BNA_F
ClientSampleId :
C-68-20151130

Tot Ion	Ratio	Lower	Upper
162	100		
127	803.7	34.1	51.1#
164	20.2	26.6	39.8#

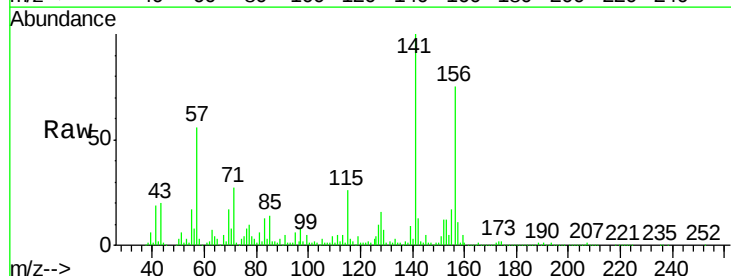


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

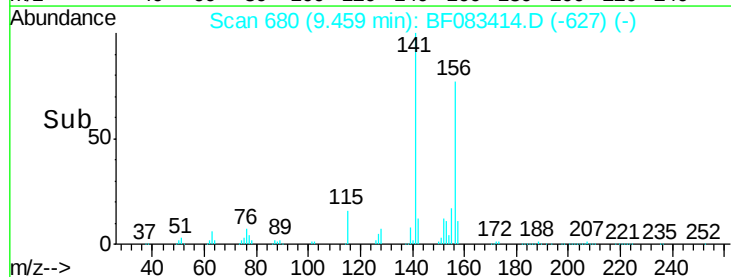
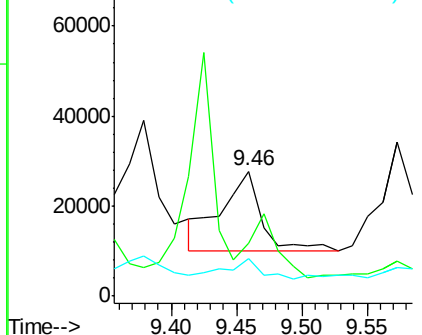


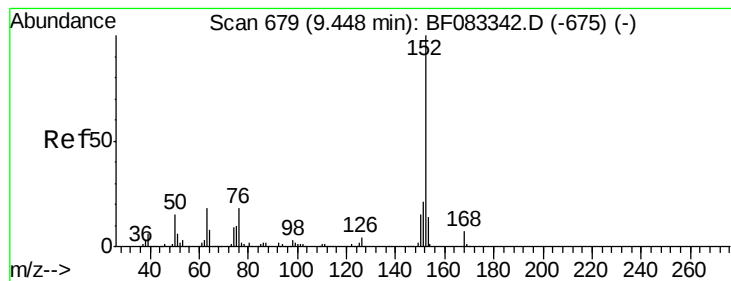
#47
2-Nitroaniline
Concen: 108.02 ng
RT: 9.46 min Scan# 680
Delta R.T. 0.31 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	42.1	56.2	84.4#
138	30.1	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: 157.31 ng

RT: 9.80 min Scan# 710

Delta R.T. 0.35 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

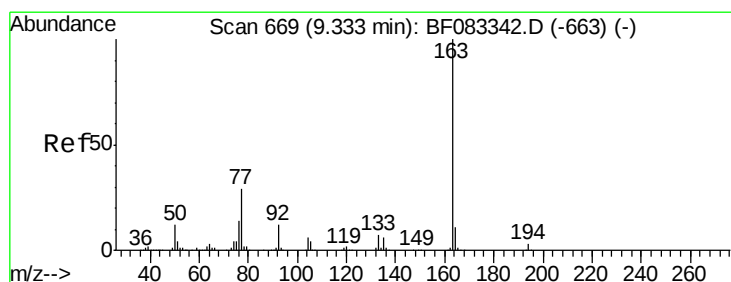
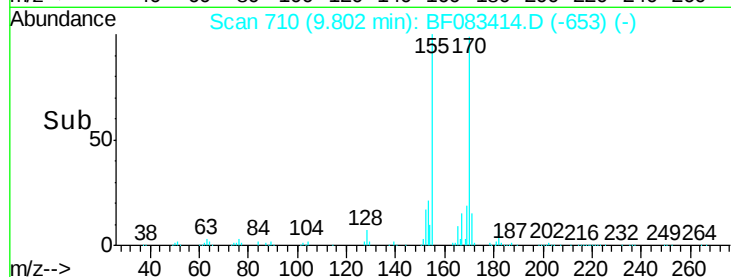
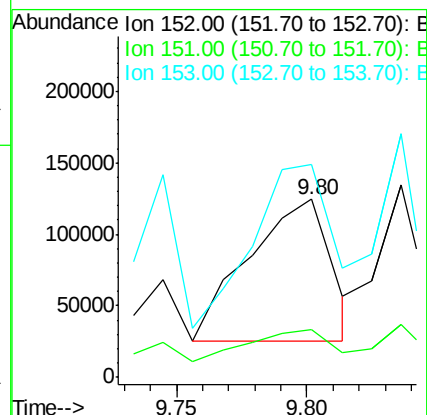
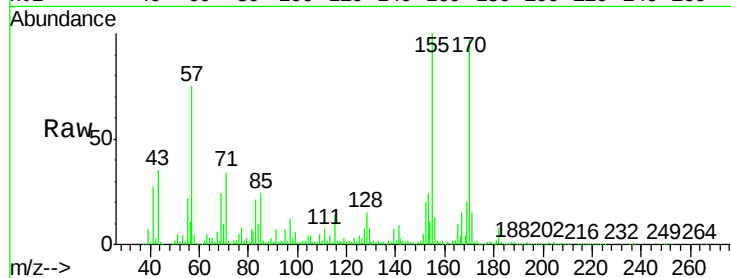
Tot Ion:152 Resp: 219478

Ion Ratio Lower Upper

152 100

151 26.5 16.7 25.1#

153 119.8 11.2 16.8#



#49

Dimethylphthalate

Concen: 12.40 ng

RT: 9.63 min Scan# 695

Delta R.T. 0.30 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

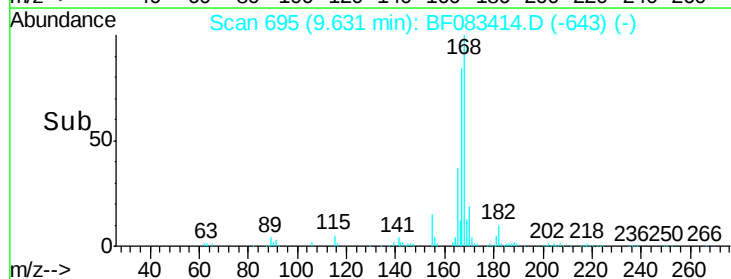
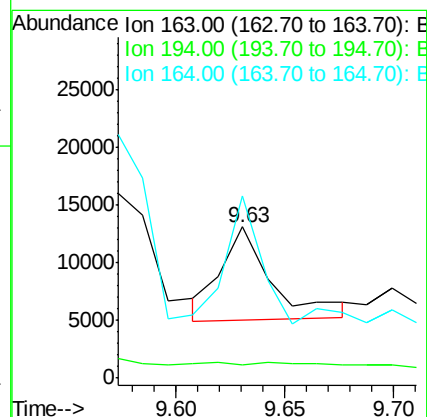
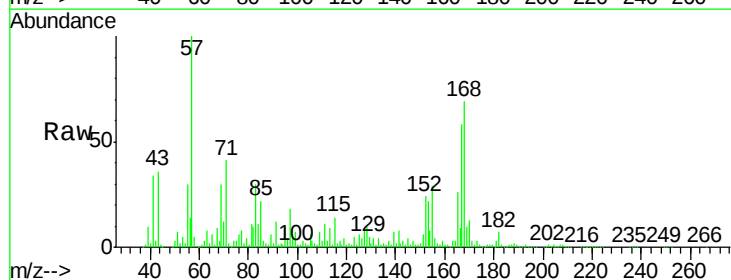
Tgt Ion:163 Resp: 13195

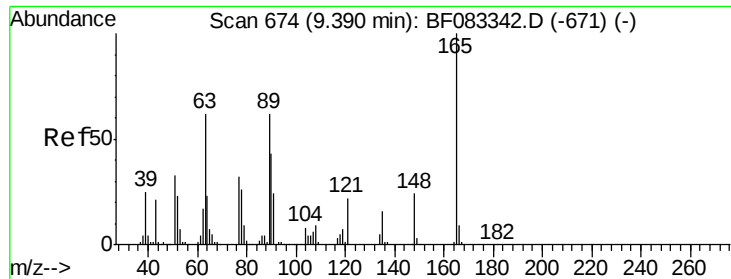
Ion Ratio Lower Upper

163 100

194 8.6 2.7 4.1#

164 120.8 8.8 13.2#

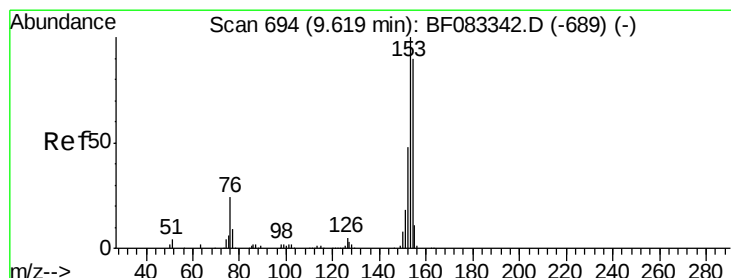
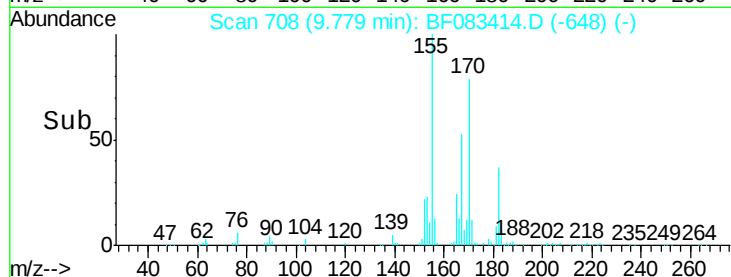
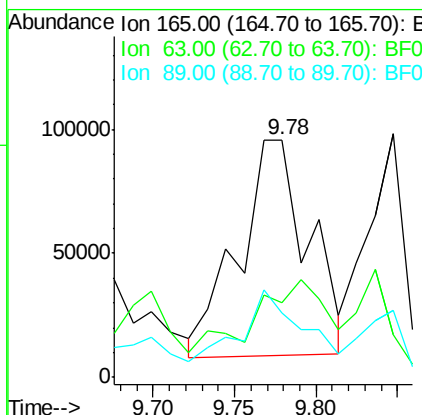
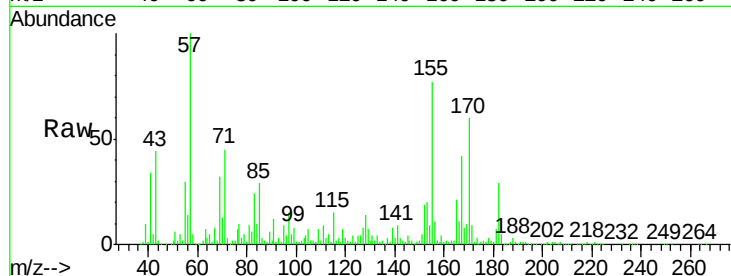




#50
 2,6-Dinitrotoluene
 Concen: 1142.84 ng
 RT: 9.78 min Scan# 708
 Delta R.T. 0.39 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

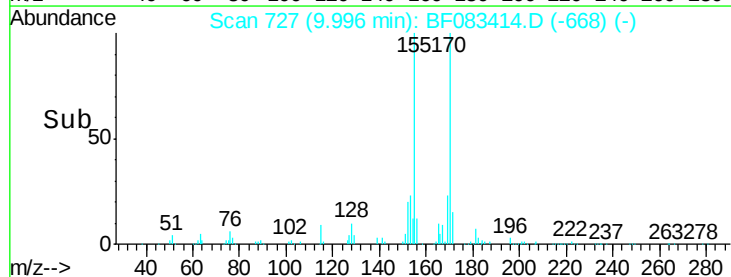
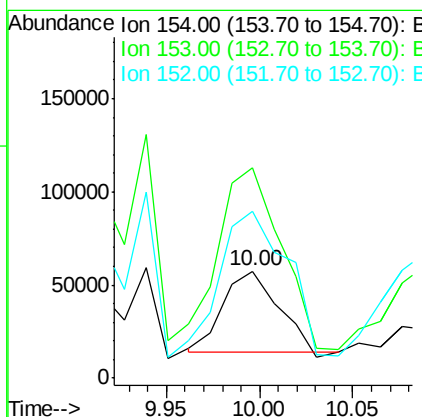
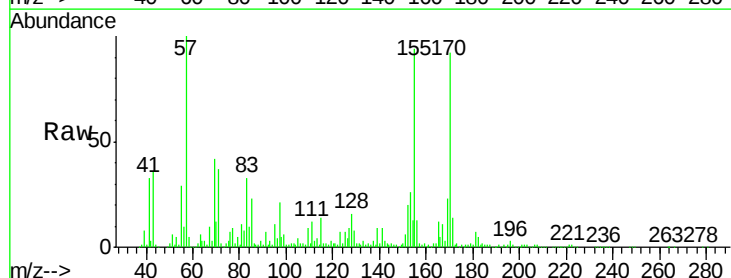
Instrument :
 BNA_F
 ClientSampleId :
 C-68-20151130

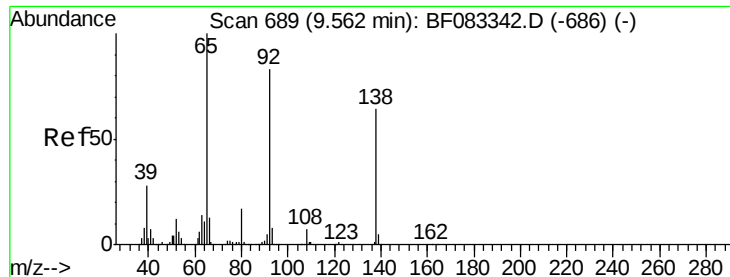
Tot Ion:165 Resp: 259604
 Ion Ratio Lower Upper
 165 100
 63 31.4 56.0 84.0#
 89 26.9 49.8 74.8#



#51
 Acenaphthene
 Concen: 106.13 ng
 RT: 10.00 min Scan# 727
 Delta R.T. 0.38 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

Tgt Ion:154 Resp: 87094
 Ion Ratio Lower Upper
 154 100
 153 197.4 89.3 133.9#
 152 156.4 42.5 63.7#

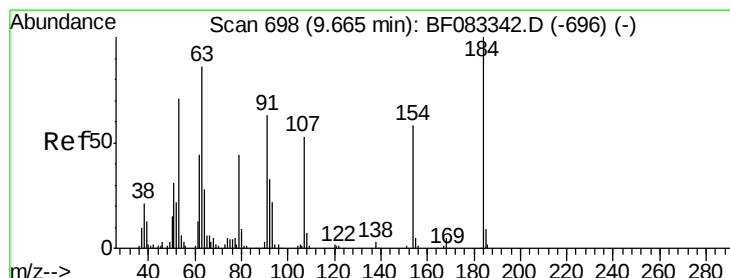
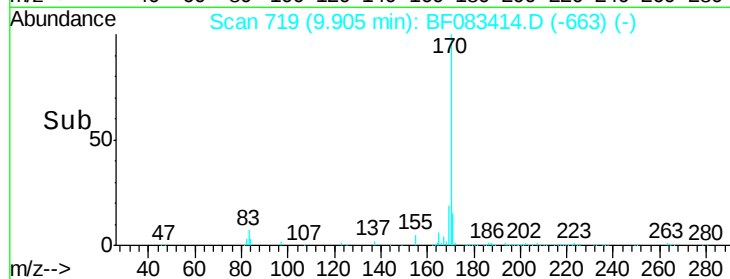
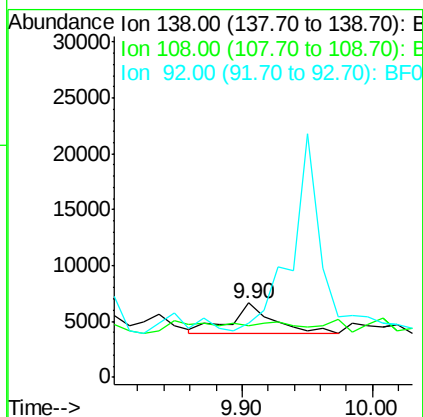
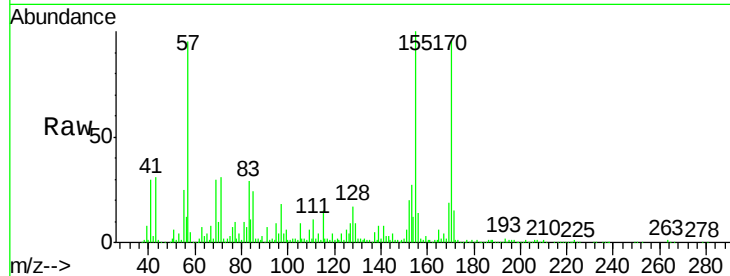




#52
3-Nitroaniline
Concen: 24.00 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.34 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

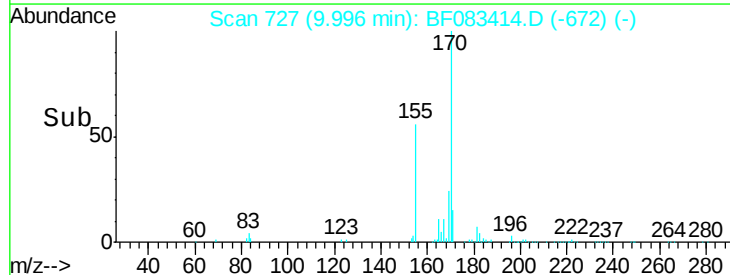
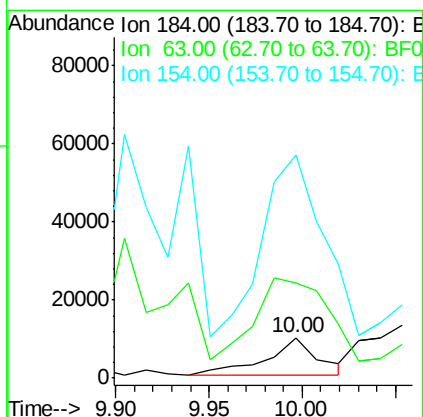
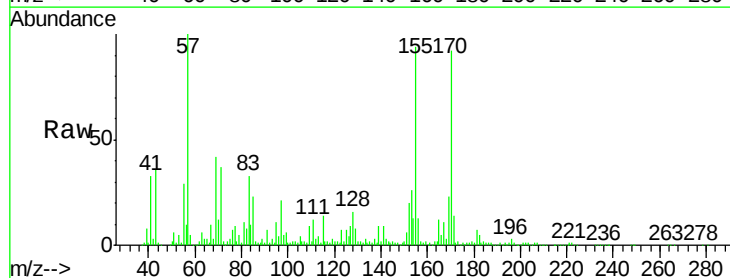
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

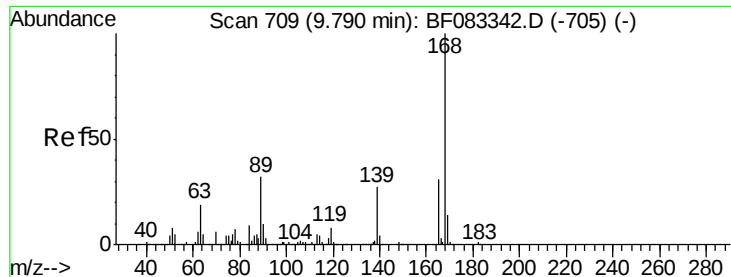
Tot Ion:138 Resp: 6390
Ion Ratio Lower Upper
138 100
108 69.2 8.4 12.6#
92 73.2 104.2 156.4#



#53
2,4-Dinitrophenol
Concen: 114.90 ng
RT: 10.00 min Scan# 727
Delta R.T. 0.33 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion:184 Resp: 18365
Ion Ratio Lower Upper
184 100
63 237.7 69.0 103.6#
154 557.4 50.0 75.0#





#54

Dibenzofuran

Concen: 429.07 ng

RT: 10.19 min Scan# 744

Delta R.T. 0.40 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

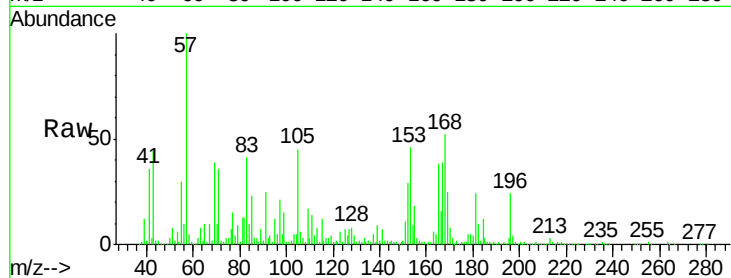
Tot Ion:168 Resp: 515992

Ion Ratio Lower Upper

168 100

139 17.4 32.7 49.1#

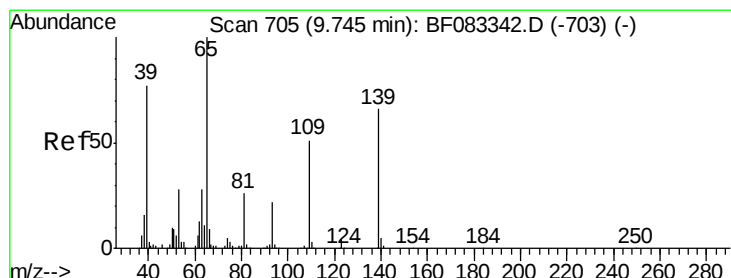
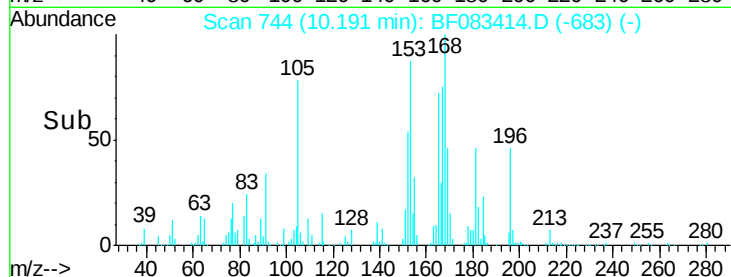
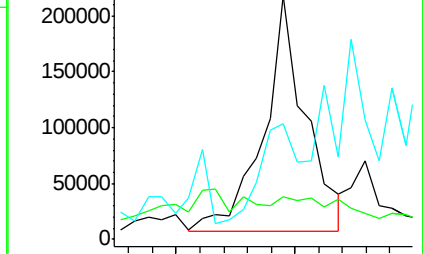
169 47.4 11.1 16.7#



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: 717.52 ng

RT: 10.13 min Scan# 739

Delta R.T. 0.39 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

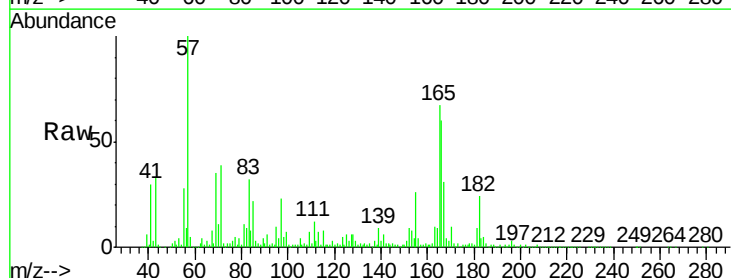
Tgt Ion:139 Resp: 119496

Ion Ratio Lower Upper

139 100

109 74.0 57.4 97.4

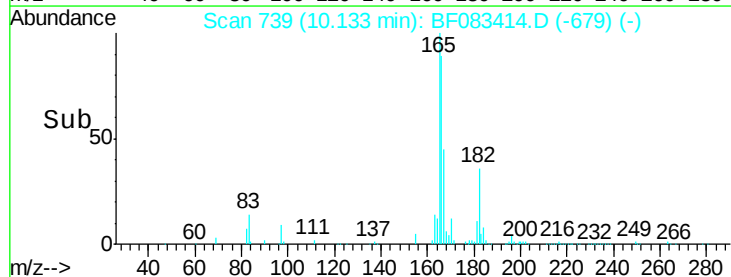
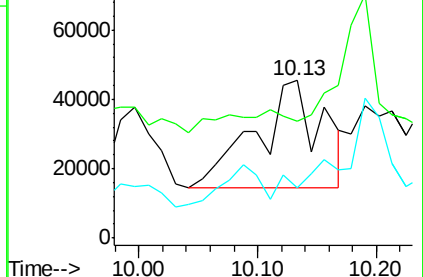
65 32.3 131.6 171.6#

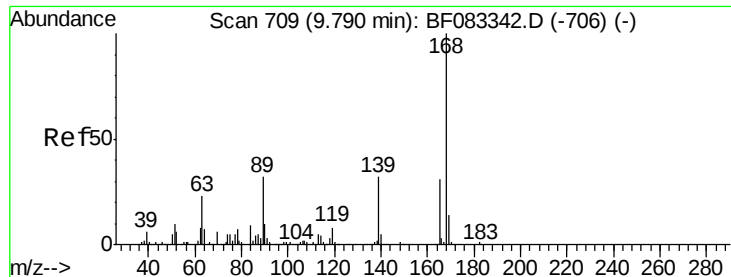


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

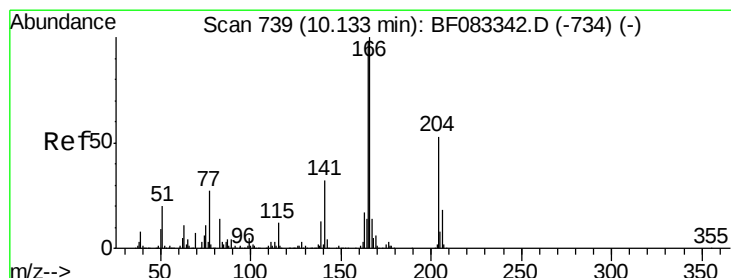
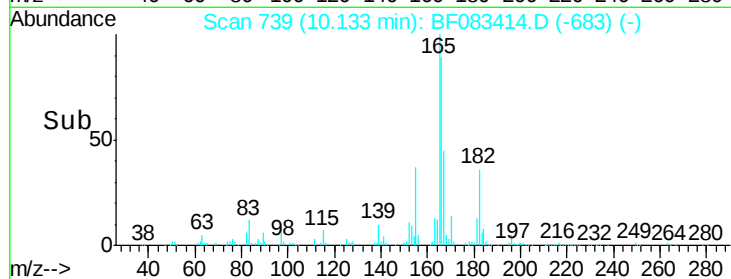
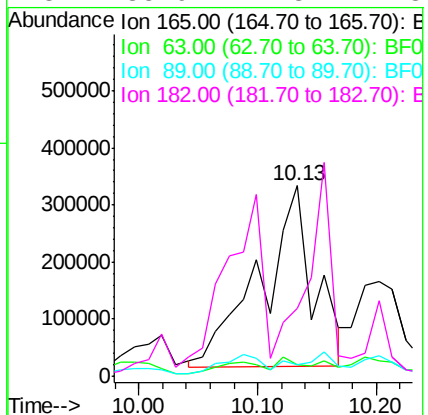
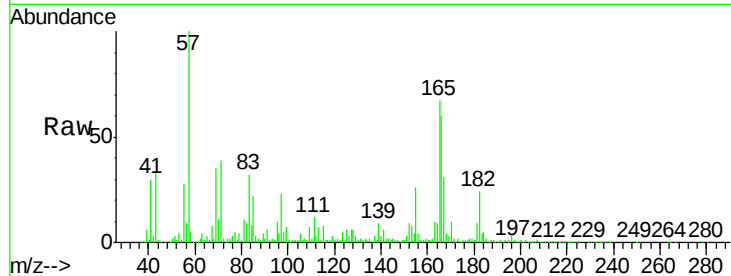




#56
2,4-Dinitrotoluene
Concen: 3402.16 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.34 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

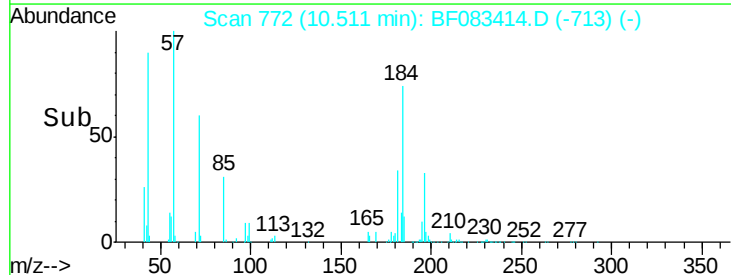
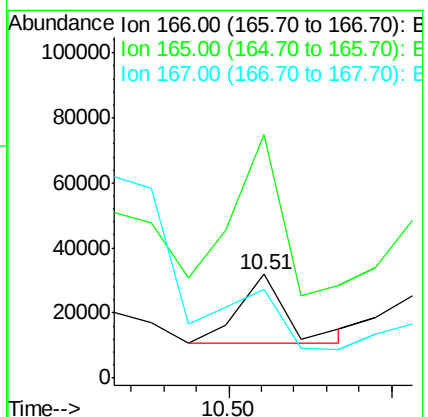
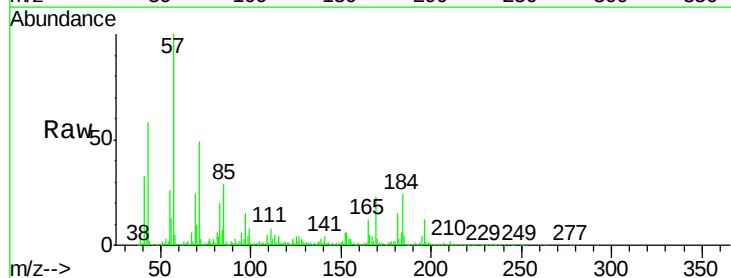
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

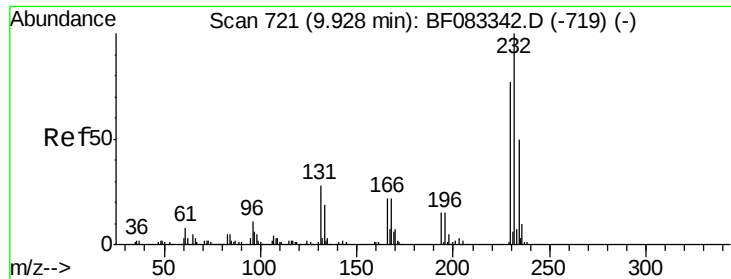
Tot Ion:165 Resp: 980650
Ion Ratio Lower Upper
165 100
63 6.2 65.4 98.0#
89 6.2 81.2 121.8#
182 35.9 1.8 2.8#



#57
Fluorene
Concen: 23.33 ng
RT: 10.51 min Scan# 772
Delta R.T. 0.38 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion:166 Resp: 22153
Ion Ratio Lower Upper
166 100
165 234.6 78.3 117.5#
167 85.8 11.1 16.7#

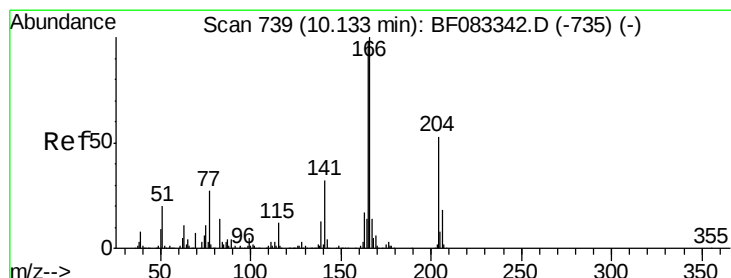
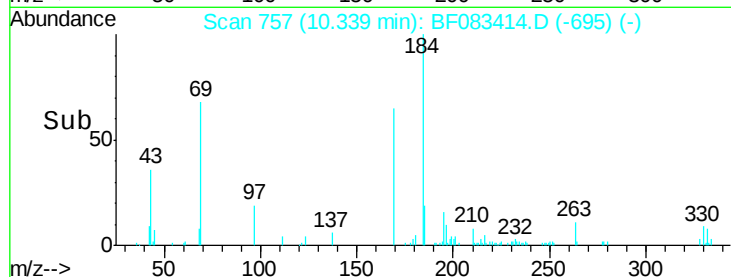
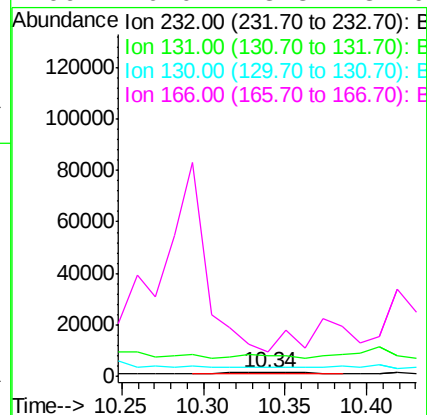
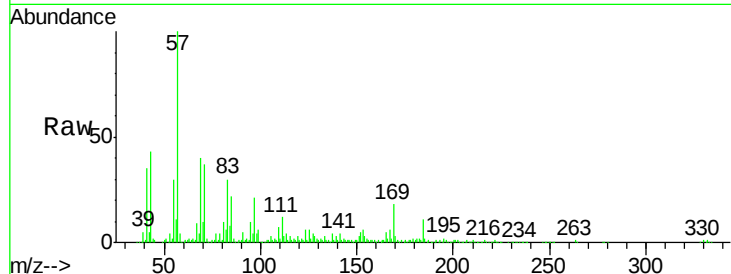




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 10.89 ng
 RT: 10.34 min Scan# 757
 Delta R.T. 0.41 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

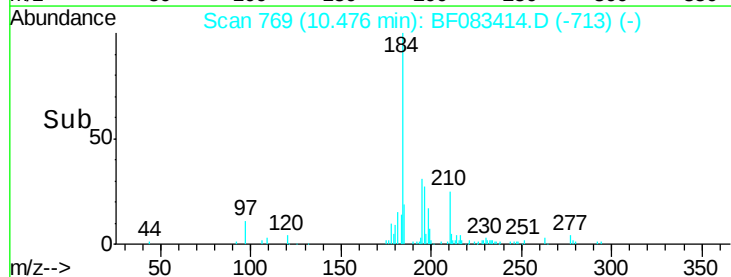
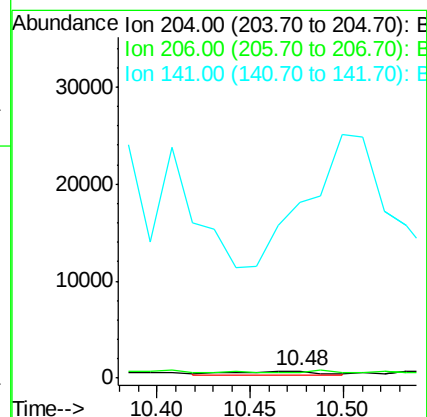
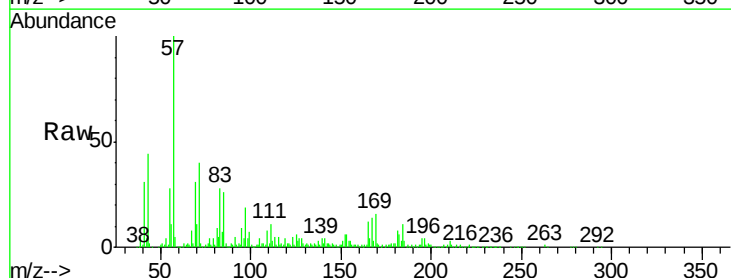
Instrument :
 BNA_F
 ClientSampleId :
 C-68-20151130

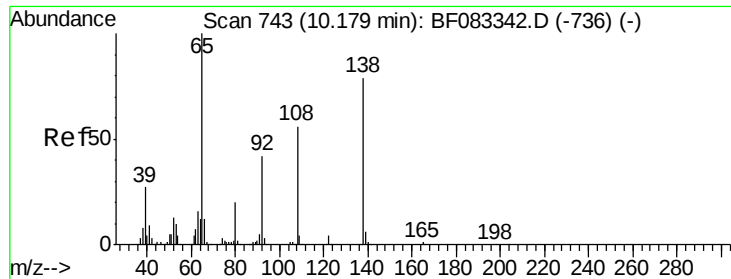
Tot Ion:232 Resp: 2650
 Ion Ratio Lower Upper
 232 100
 131 124.0 35.4 53.2#
 130 0.0 1.7 2.5#
 166 0.0 23.3 34.9#



#60
 4-Chlorophenyl-phenylether
 Concen: 2.50 ng
 RT: 10.48 min Scan# 769
 Delta R.T. 0.34 min
 Lab File: BF083414.D
 Acq: 2 Dec 2015 13:04

Tgt Ion:204 Resp: 1089
 Ion Ratio Lower Upper
 204 100
 206 84.2 27.5 41.3#
 141 2493.5 48.1 72.1#

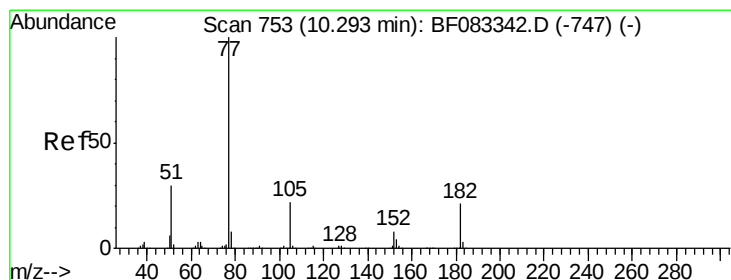
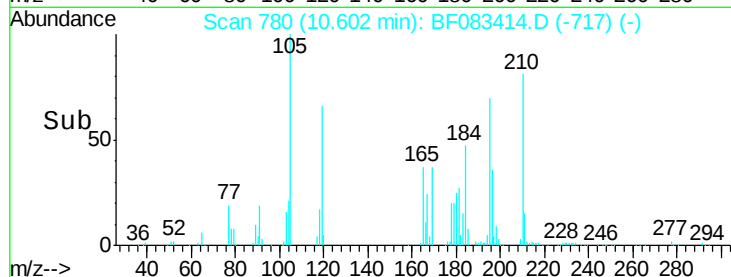
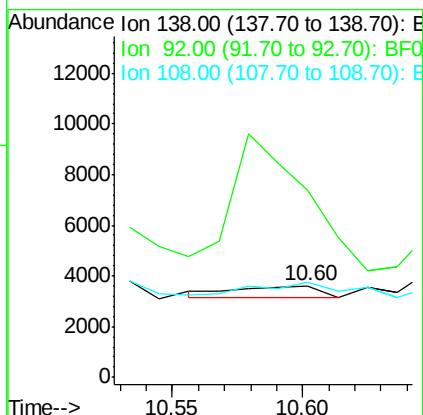
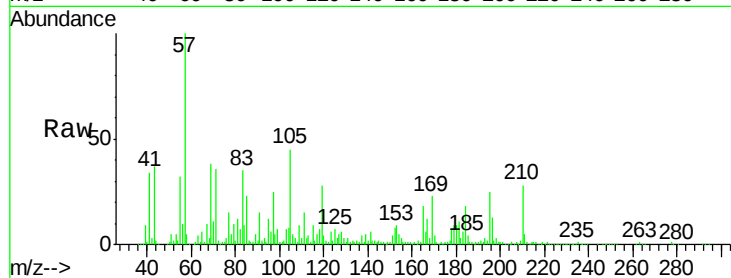




#61
4-Nitroaniline
Concen: 4.00 ng
RT: 10.60 min Scan# 780
Delta R.T. 0.42 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

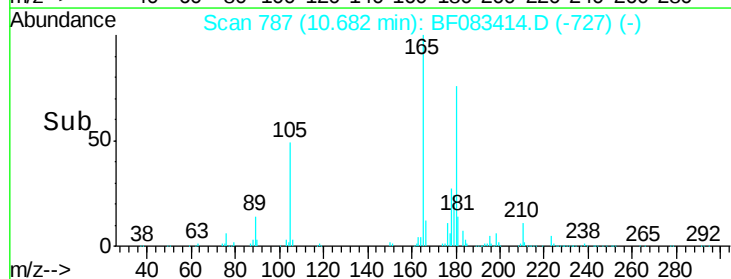
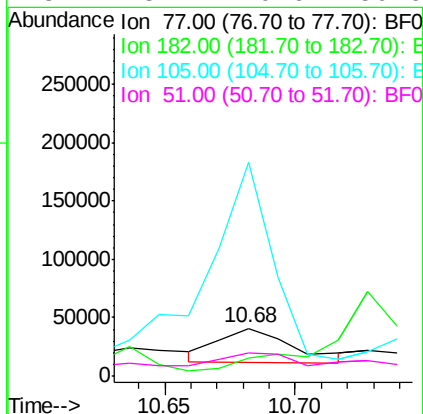
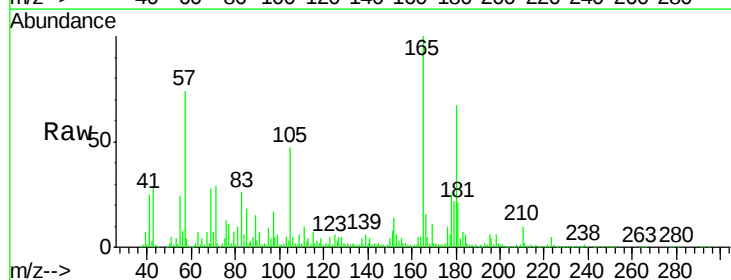
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

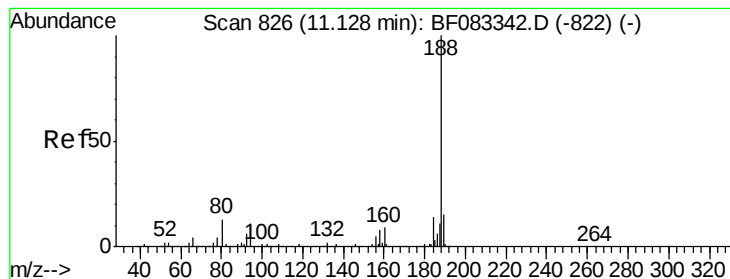
Tot Ion:138 Resp: 1065
Ion Ratio Lower Upper
138 100
92 205.6 33.6 73.6#
108 104.4 51.0 91.0#



#62
Azobenzene
Concen: 47.53 ng
RT: 10.68 min Scan# 787
Delta R.T. 0.39 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion: 77 Resp: 58213
Ion Ratio Lower Upper
77 100
182 38.3 0.8 40.8
105 444.8 2.3 42.3#
51 48.1 10.6 50.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 859

Delta R.T. 0.38 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

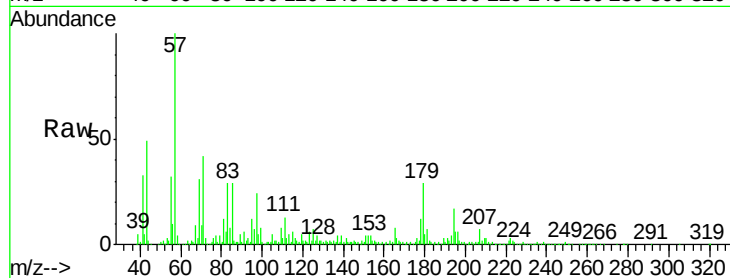
Tot Ion:188 Resp: 713

Ion Ratio Lower Upper

188 100

94 381.2 8.7 13.1#

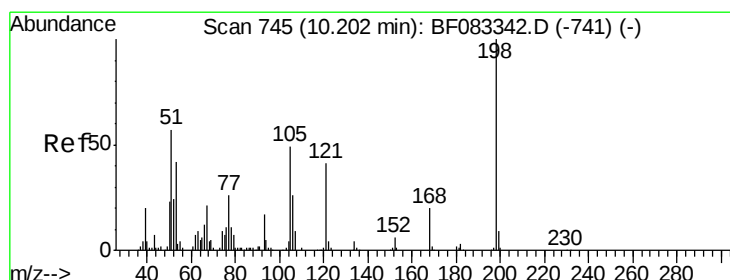
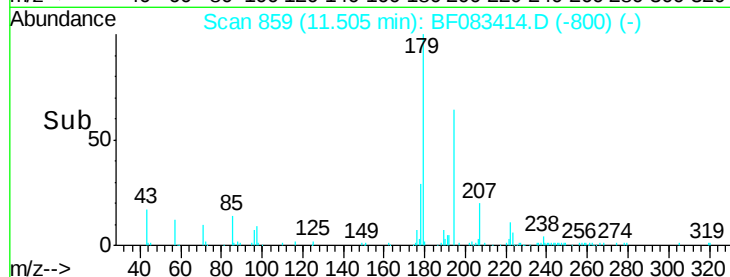
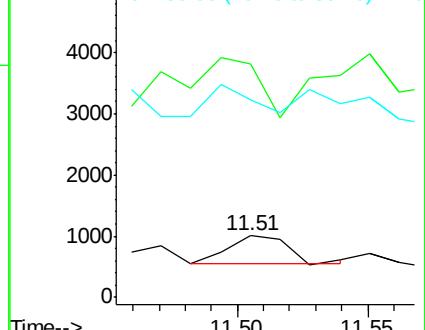
80 321.5 10.3 15.5#



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: 1252.67 ng

RT: 10.52 min Scan# 773

Delta R.T. 0.32 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

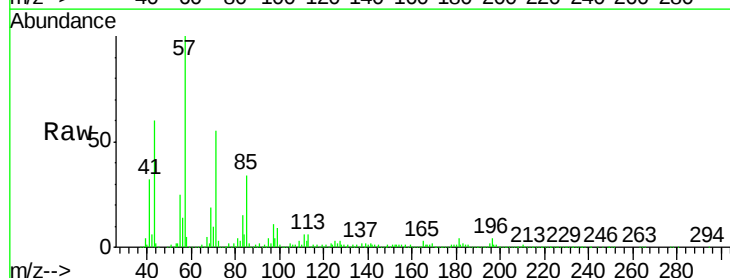
Tgt Ion:198 Resp: 5997

Ion Ratio Lower Upper

198 100

51 67.3 38.3 78.3

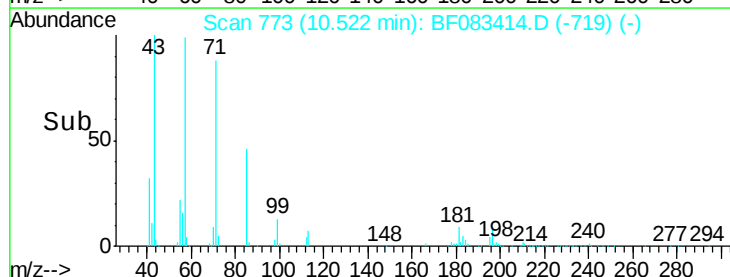
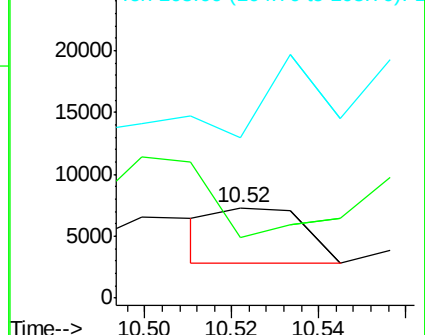
105 177.8 29.2 69.2#

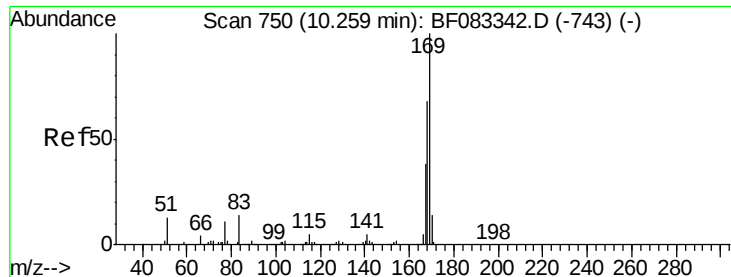


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 15870.25 ng

RT: 10.59 min Scan# 779

Delta R.T. 0.33 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

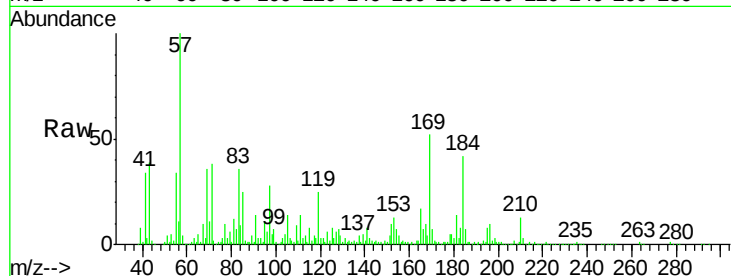
Tot Ion:169 Resp: 397637

Ion Ratio Lower Upper

169 100

168 7.9 54.8 82.2#

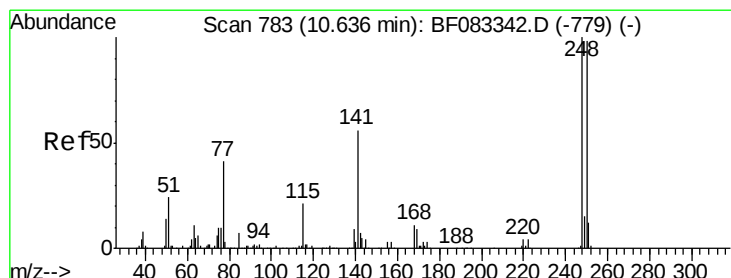
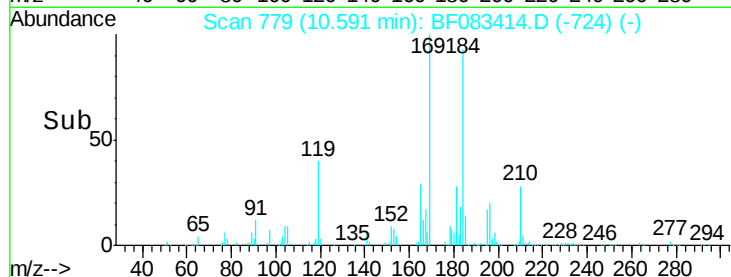
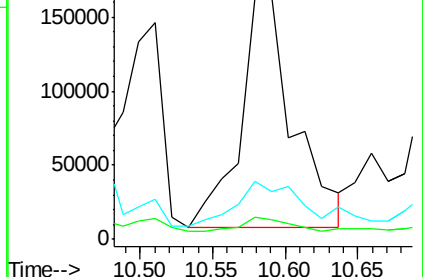
167 19.4 30.2 45.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 146.55 ng

RT: 10.98 min Scan# 813

Delta R.T. 0.34 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

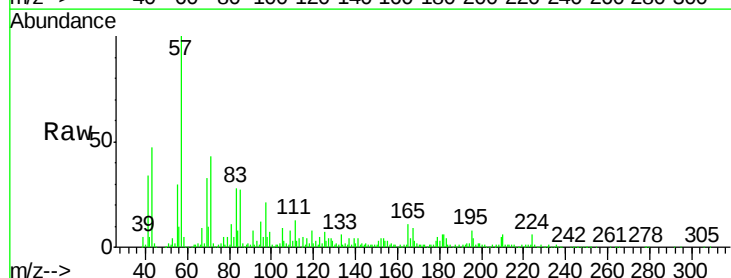
Tgt Ion:248 Resp: 1143

Ion Ratio Lower Upper

248 100

250 101.0 78.6 118.0

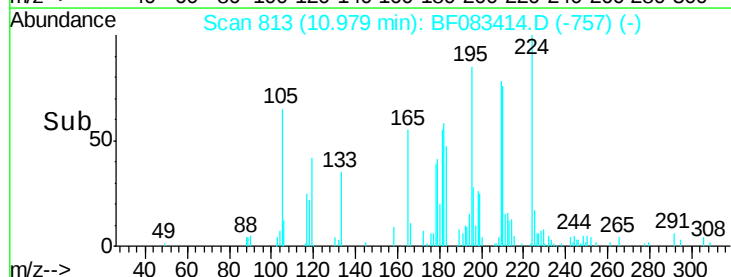
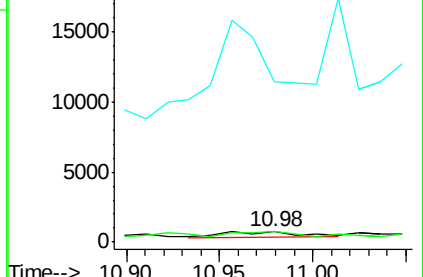
141 1584.1 44.4 66.6#

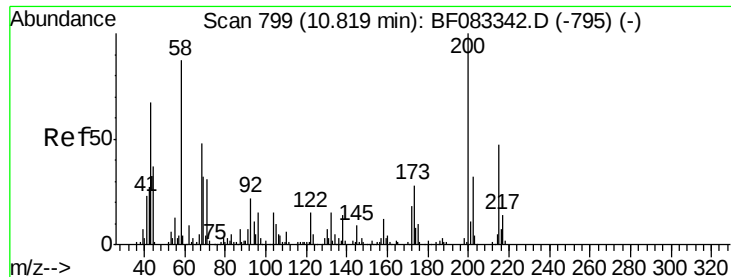


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

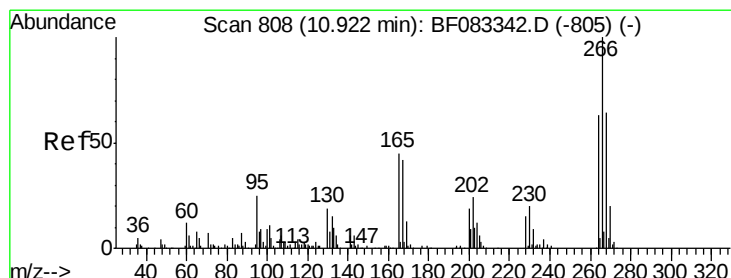
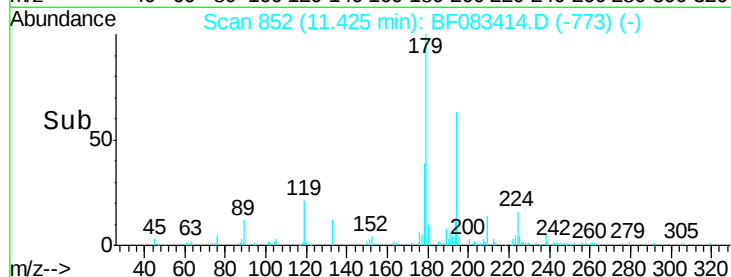
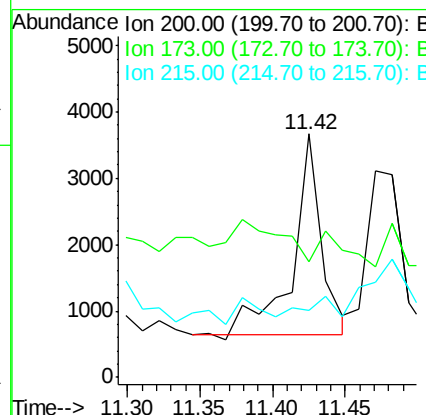
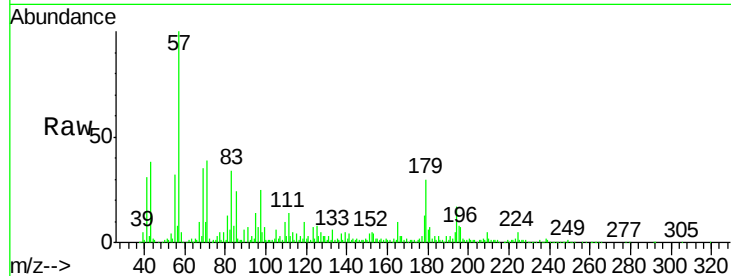




#68
Atrazine
Concen: 595.40 ng
RT: 11.42 min Scan# 852
Delta R.T. 0.61 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

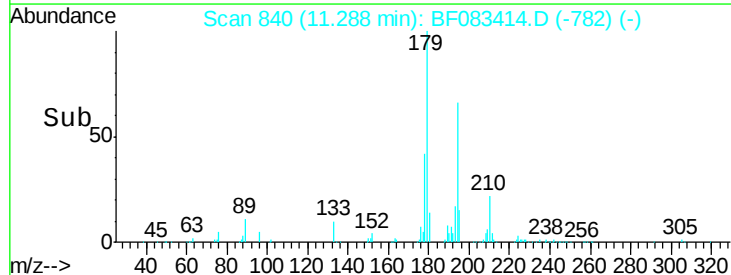
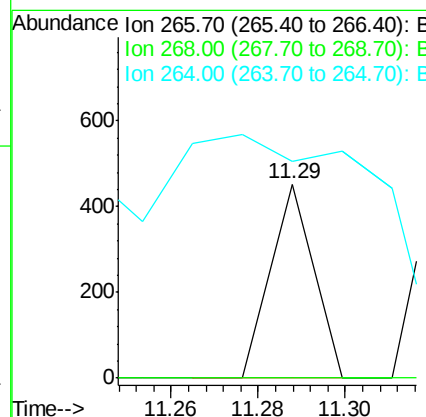
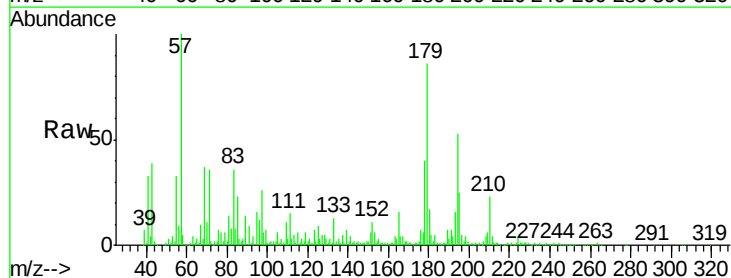
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

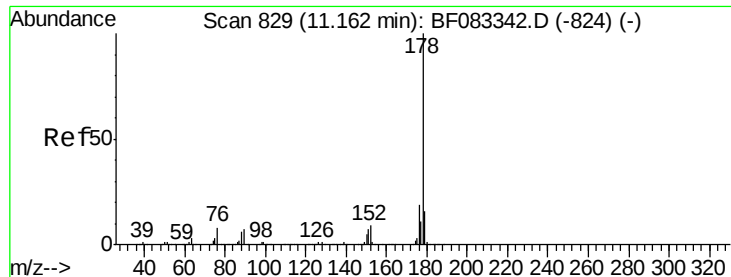
Tot Ion	Ratio	Lower	Upper
200	100		
173	47.4	8.3	48.3
215	27.6	26.7	66.7



#69
Pentachlorophenol
Concen: 68.62 ng
RT: 11.29 min Scan# 840
Delta R.T. 0.37 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.5	77.3#
264	112.2	50.4	75.6#

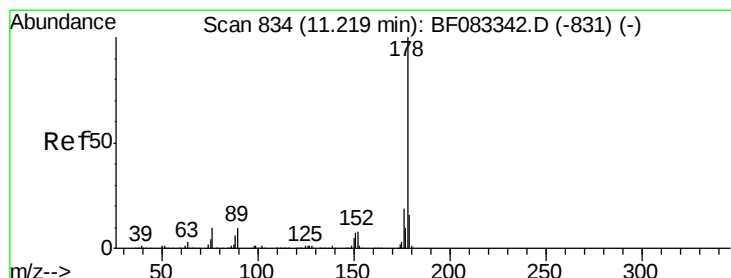
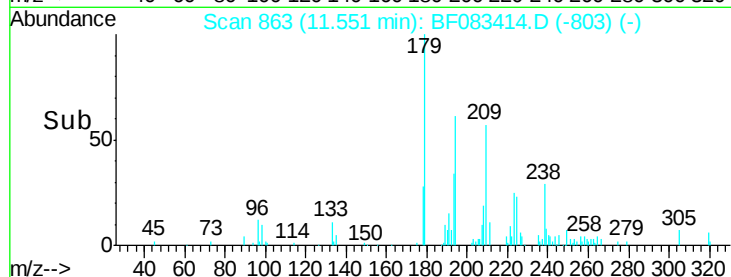
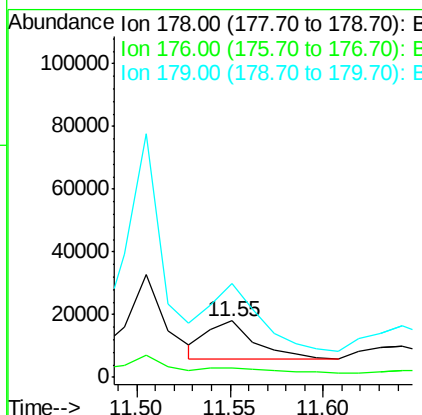
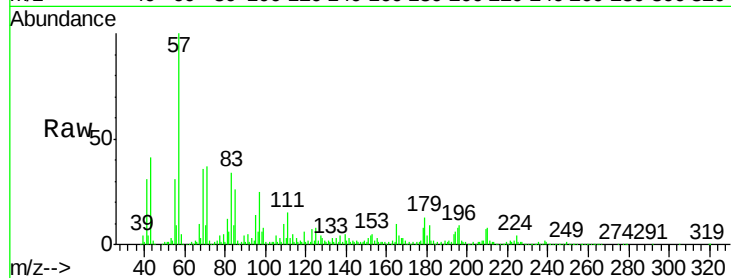




#70
Phenanthrene
Concen: 531.18 ng
RT: 11.55 min Scan# 863
Delta R.T. 0.39 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

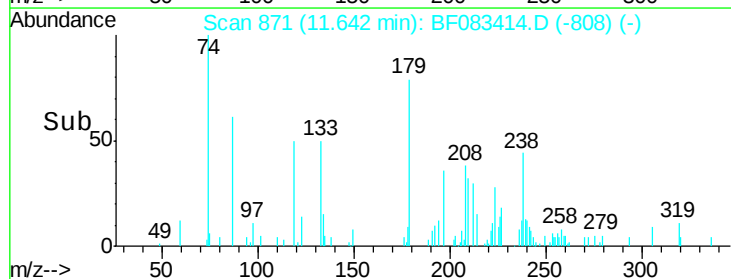
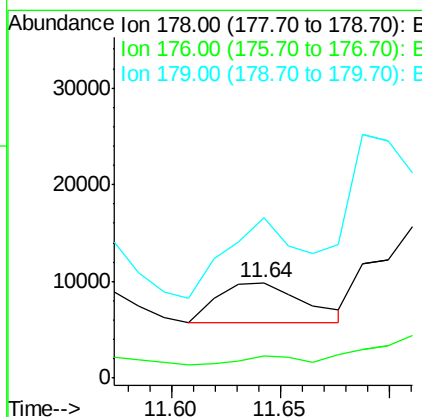
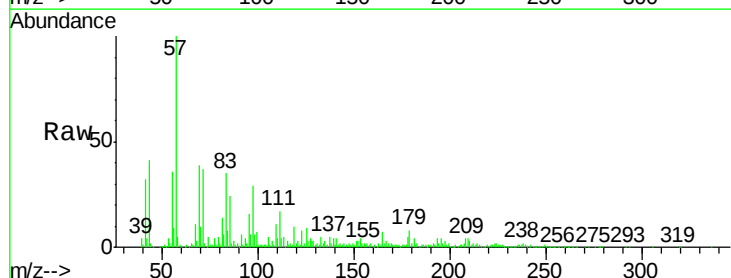
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

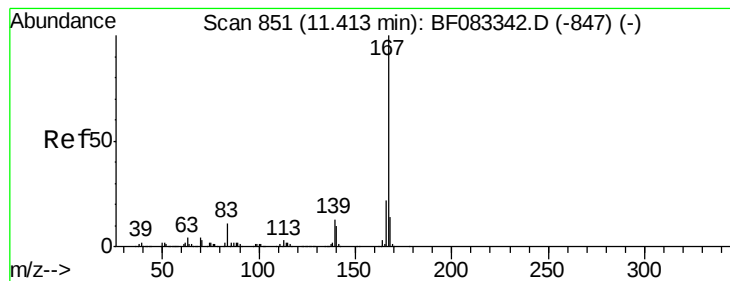
Tot Ion:178 Resp: 22413
Ion Ratio Lower Upper
178 100
176 16.6 15.3 22.9
179 165.4 12.4 18.6#



#71
Anthracene
Concen: 270.75 ng
RT: 11.64 min Scan# 871
Delta R.T. 0.42 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion:178 Resp: 11501
Ion Ratio Lower Upper
178 100
176 23.0 15.6 23.4
179 167.7 12.8 19.2#





#72

Carbazole

Concen: 91.70 ng

RT: 11.81 min Scan# 886

Delta R.T. 0.40 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

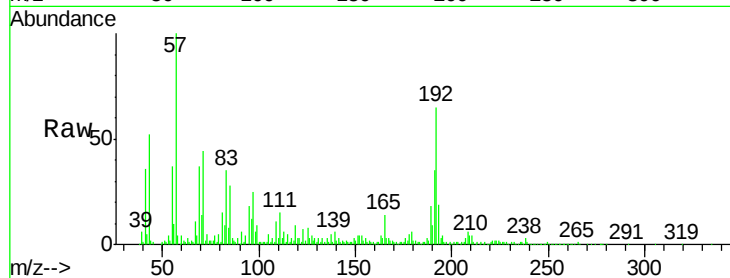
Tot Ion:167 Resp: 3500

Ion Ratio Lower Upper

167 100

166 118.0 17.4 26.0#

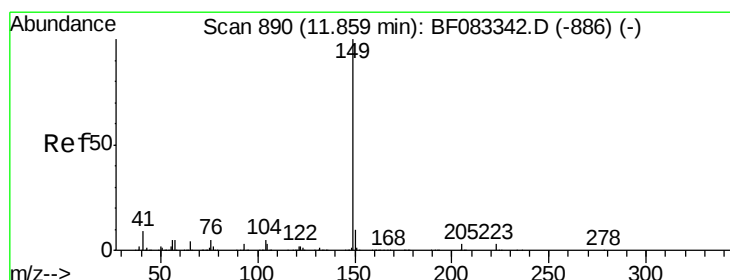
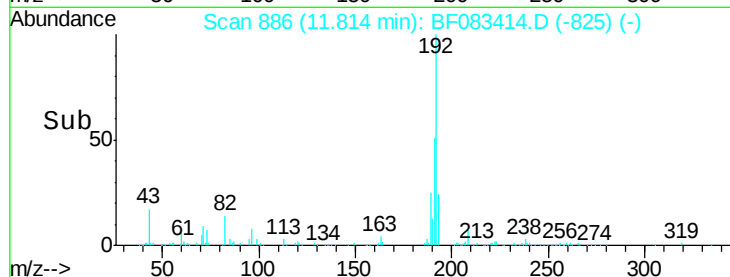
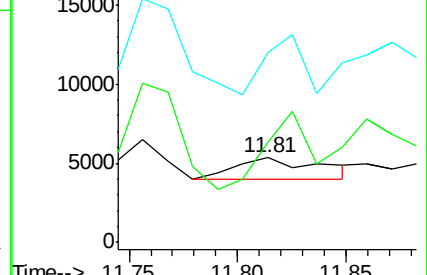
139 224.4 10.5 15.7#



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: 35.22 ng

RT: 12.21 min Scan# 921

Delta R.T. 0.35 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

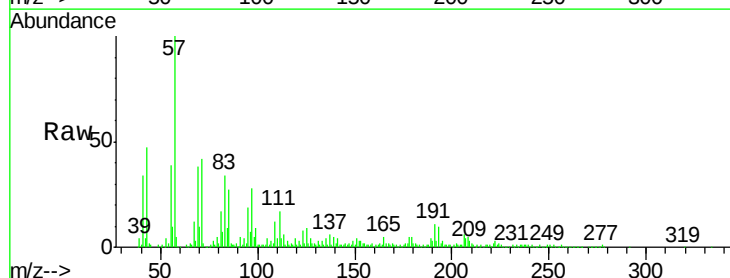
Tgt Ion:149 Resp: 1593

Ion Ratio Lower Upper

149 100

150 49.2 7.7 11.5#

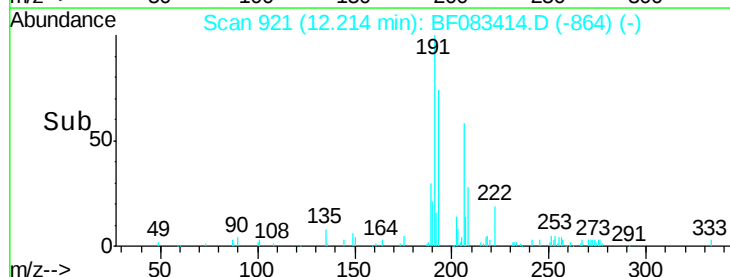
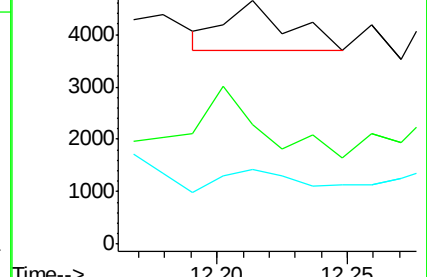
104 30.7 4.0 6.0#

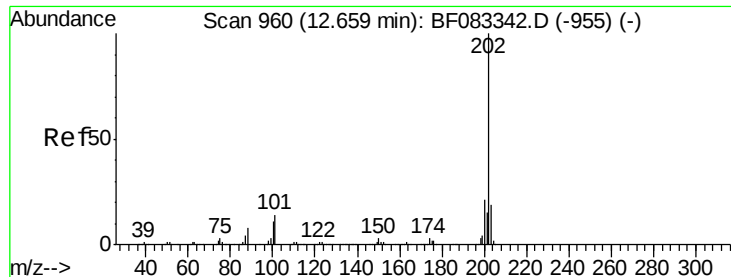


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 5337.28 ng

RT: 12.96 min Scan# 986

Delta R.T. 0.30 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

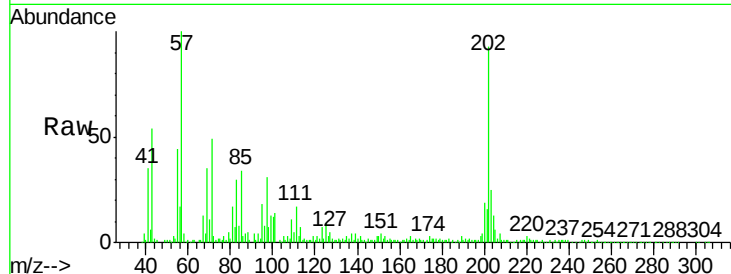
Tot Ion:202 Resp: 233442

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.5

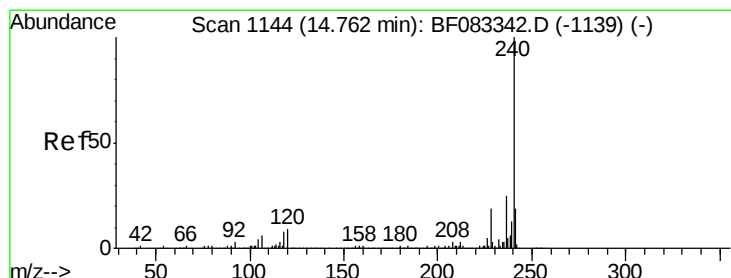
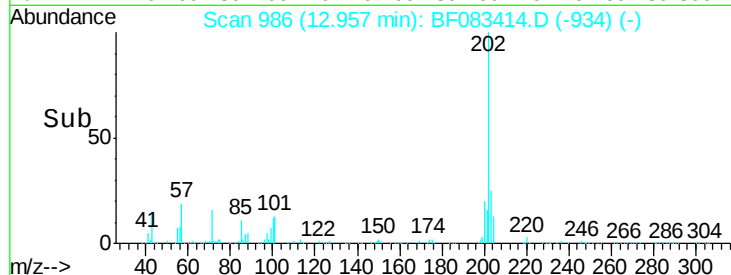
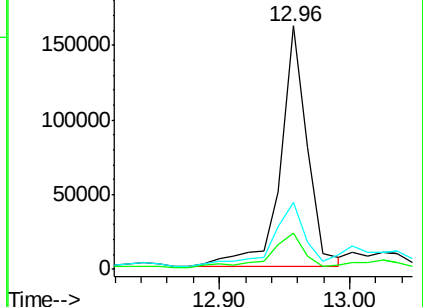
203 27.3 0.0 38.7



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: 15.30 min Scan# 1191

Delta R.T. 0.54 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

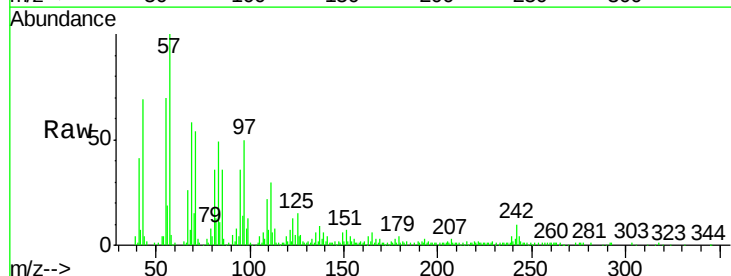
Tgt Ion:240 Resp: 2140

Ion Ratio Lower Upper

240 100

120 97.8 6.9 10.3#

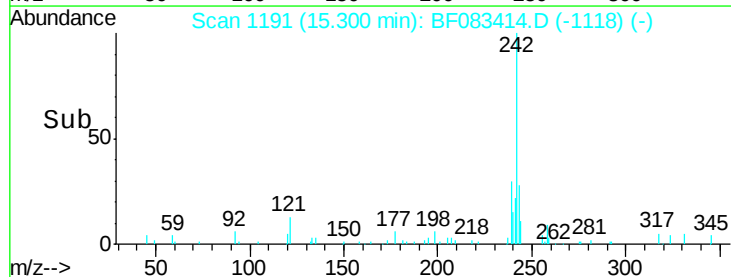
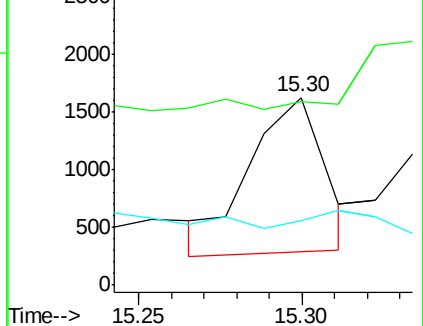
236 34.6 19.8 29.6#

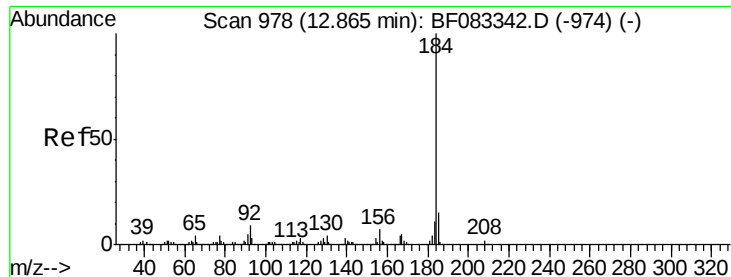


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

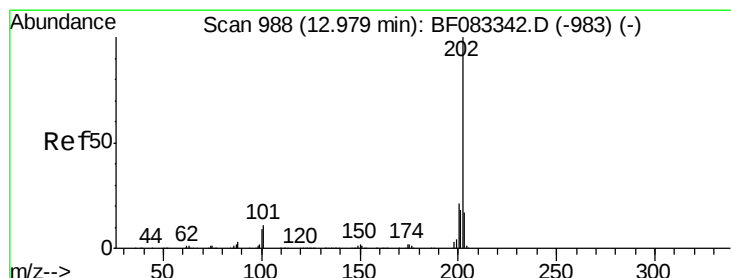
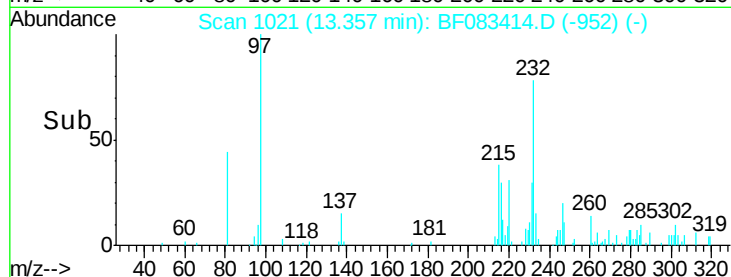
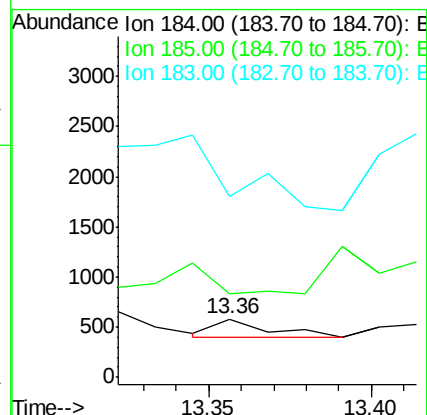
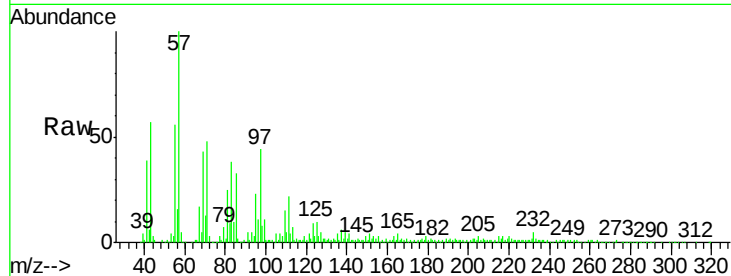




#76
Benzidine
Concen: 3.37 ng
RT: 13.36 min Scan# 1021
Delta R.T. 0.49 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

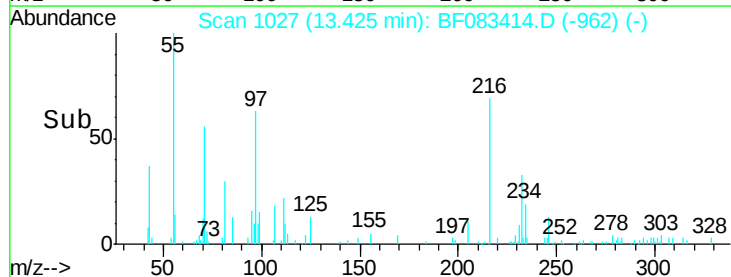
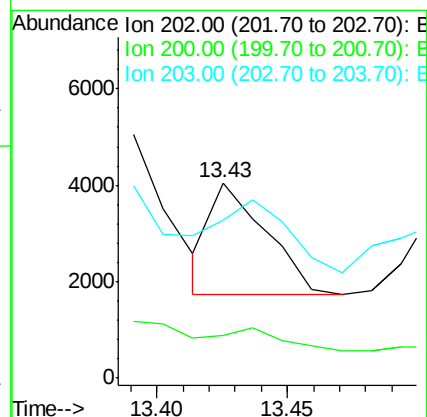
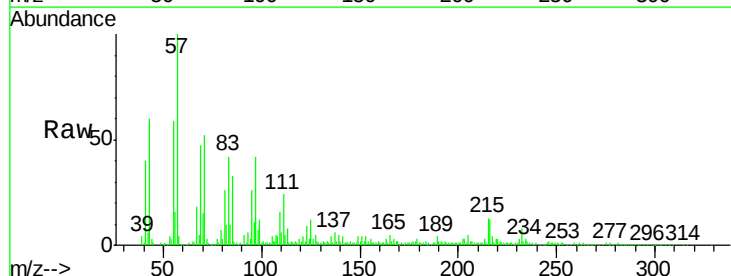
Instrument :
BNA_F
ClientSampleId :
C-68-20151130

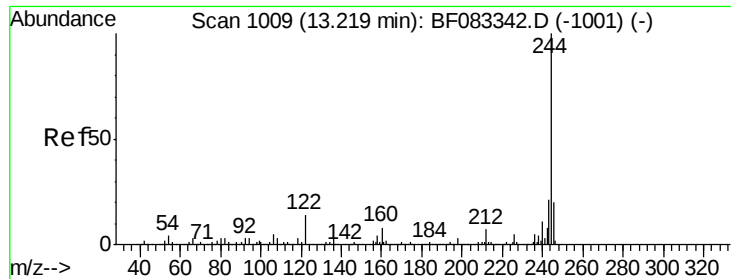
Tot Ion:184 Resp: 215
Ion Ratio Lower Upper
184 100
185 142.8 12.4 18.6#
183 308.9 9.0 13.4#



#77
Pyrene
Concen: 23.27 ng
RT: 13.43 min Scan# 1027
Delta R.T. 0.45 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion:202 Resp: 3478
Ion Ratio Lower Upper
202 100
200 22.1 16.9 25.3
203 80.7 13.9 20.9#





#78

Terphenyl-d14

Concen: 28.01 ng

RT: 13.68 min Scan# 1049

Delta R.T. 0.46 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

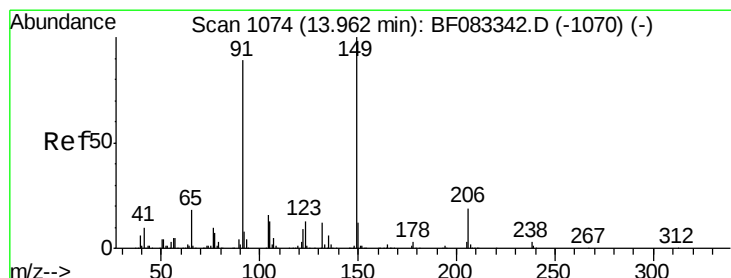
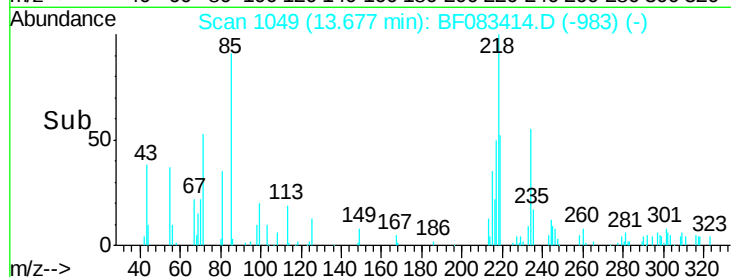
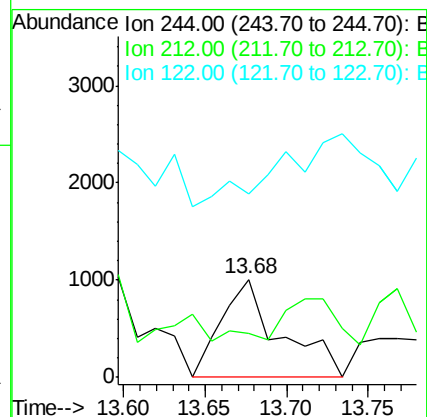
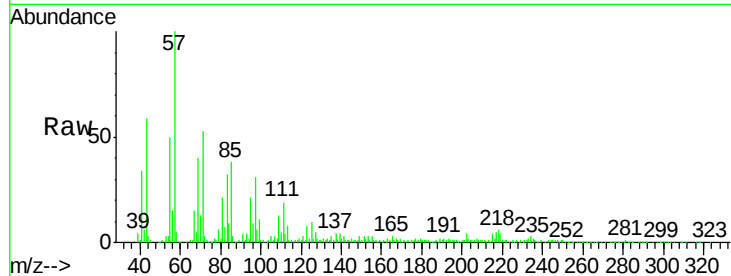
Tot Ion:244 Resp: 2513

Ion Ratio Lower Upper

244 100

212 44.7 5.8 8.8#

122 186.4 11.0 16.4#



#79

Butylbenzylphthalate

Concen: 27.02 ng

RT: 14.31 min Scan# 1104

Delta R.T. 0.34 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

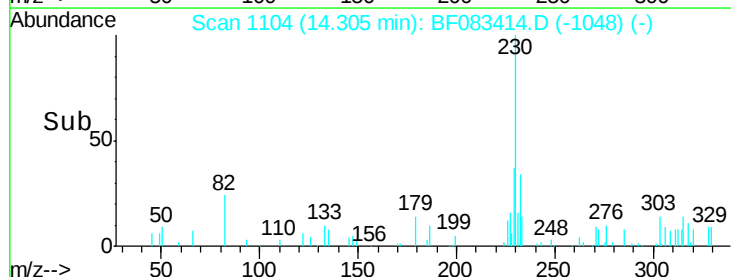
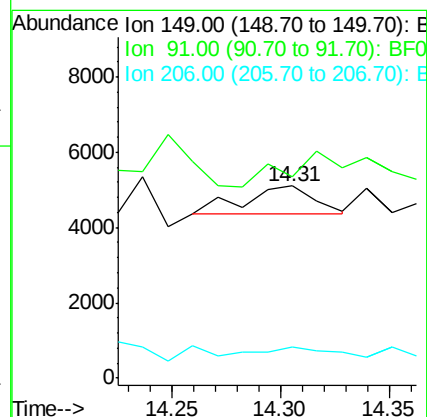
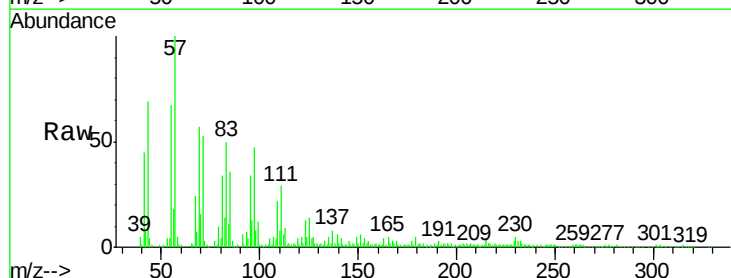
Tgt Ion:149 Resp: 1713

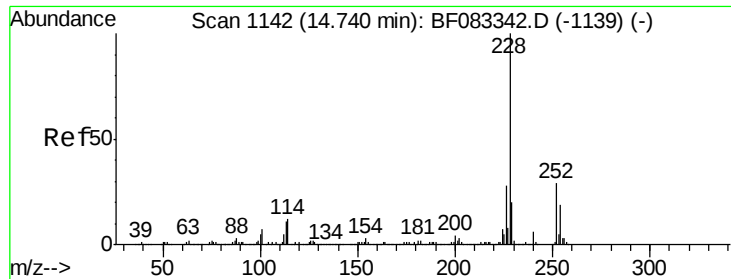
Ion Ratio Lower Upper

149 100

91 105.1 71.4 107.2

206 15.9 15.1 22.7





#80

Benzo(a)anthracene

Concen: 10.03 ng

RT: 15.32 min Scan# 1193

Delta R.T. 0.58 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

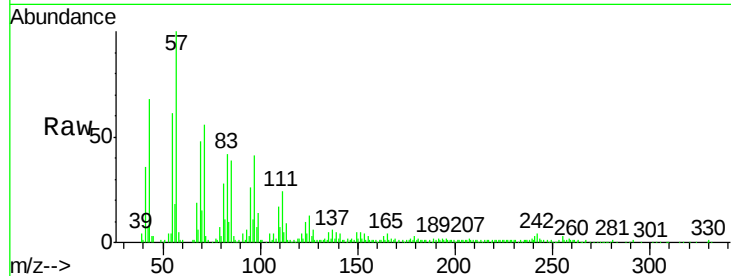
Tot Ion:228 Resp: 1315

Ion Ratio Lower Upper

228 100

226 106.3 22.2 33.4#

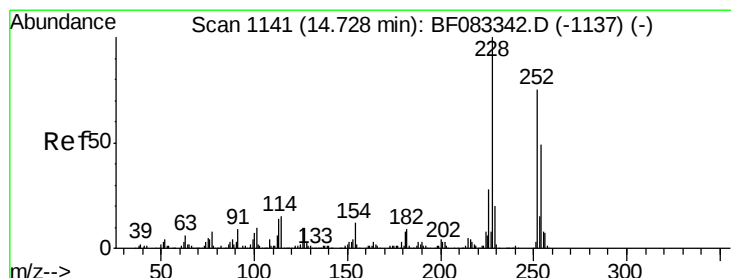
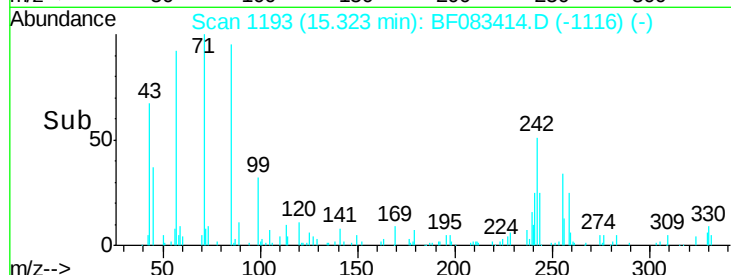
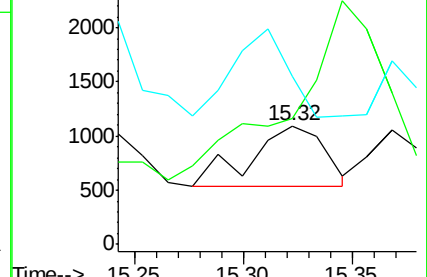
229 141.5 16.1 24.1#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 53.72 ng

RT: 15.35 min Scan# 1195

Delta R.T. 0.62 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

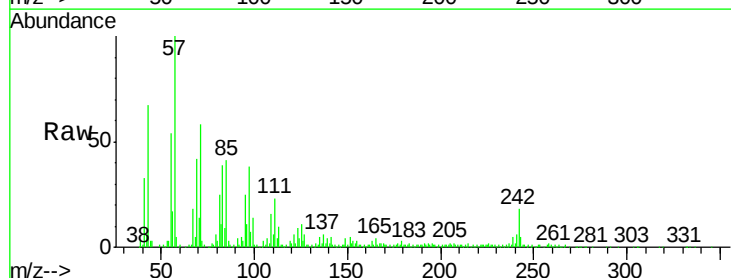
Tgt Ion:252 Resp: 2200

Ion Ratio Lower Upper

252 100

254 0.0 52.0 78.0#

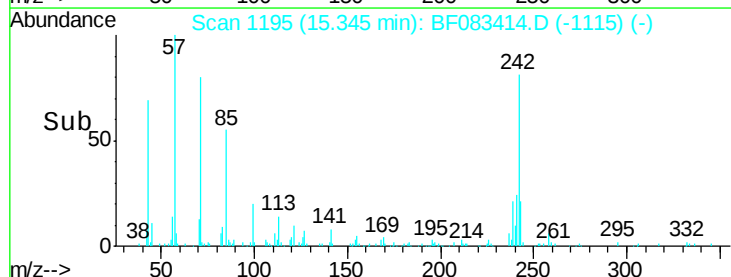
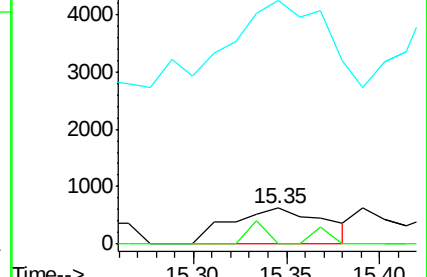
126 674.8 10.7 16.1#

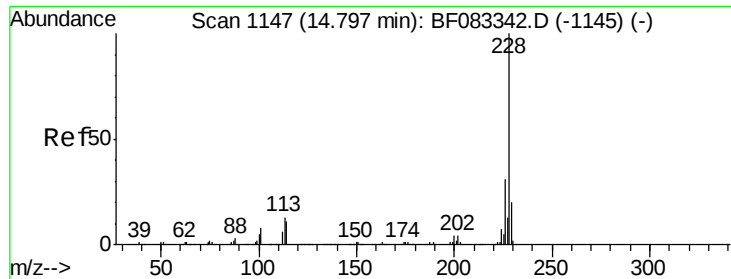


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 10.38 ng

RT: 15.32 min Scan# 1193

Delta R.T. 0.53 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

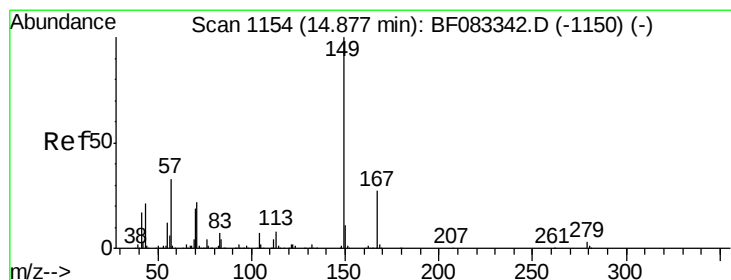
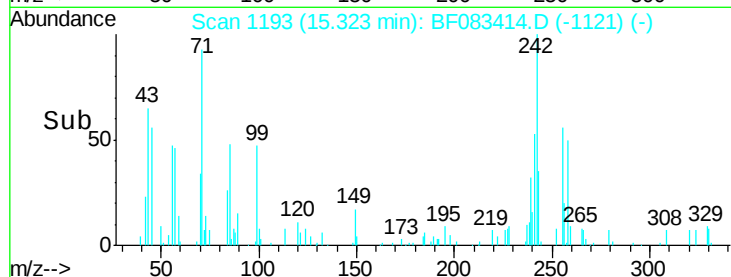
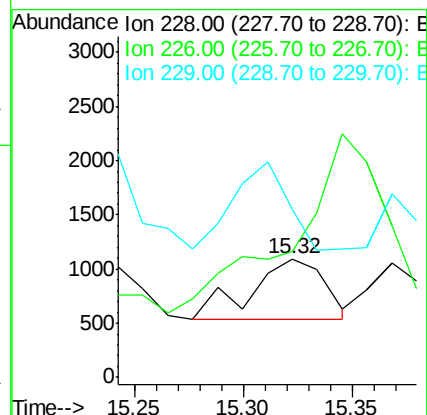
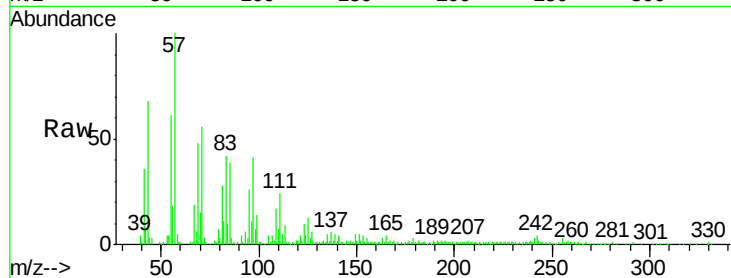
Tot Ion:228 Resp: 1315

Ion Ratio Lower Upper

228 100

226 106.3 24.6 37.0#

229 141.5 16.2 24.2#



#83

Bis(2-ethylhexyl)phthalate

Concen: 80.61 ng

RT: 15.44 min Scan# 1203

Delta R.T. 0.56 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

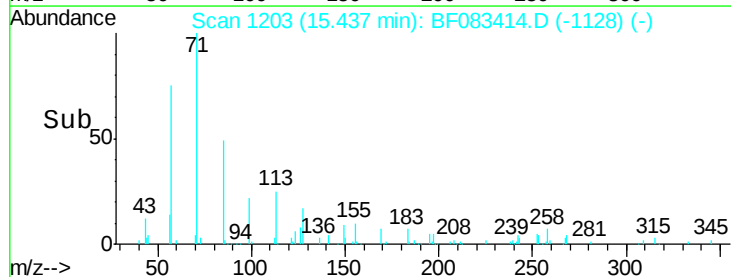
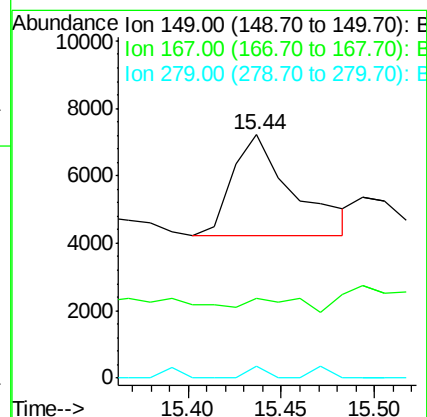
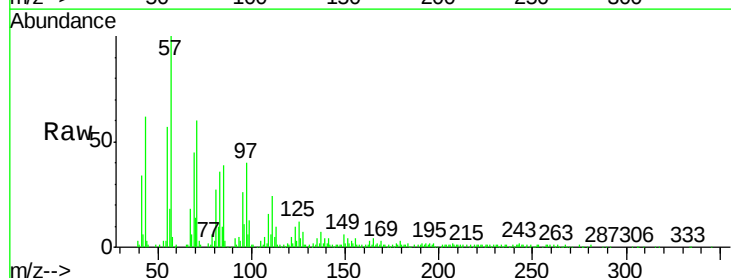
Tgt Ion:149 Resp: 6856

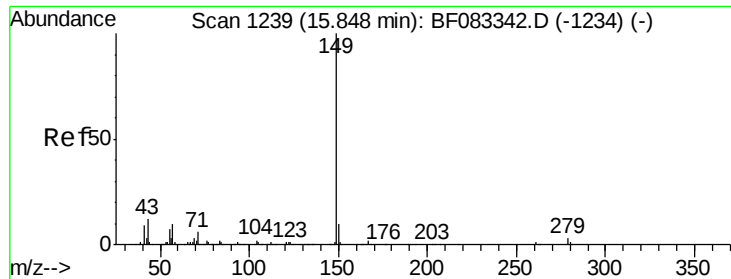
Ion Ratio Lower Upper

149 100

167 32.6 21.5 32.3#

279 4.8 2.6 3.8#

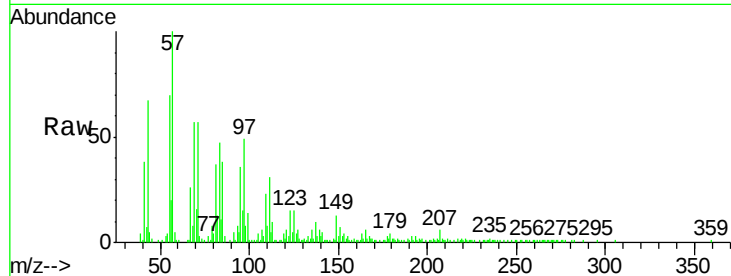




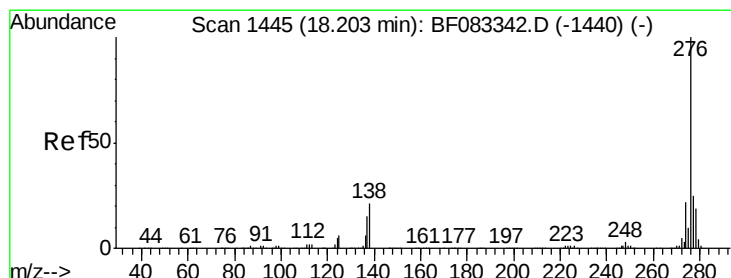
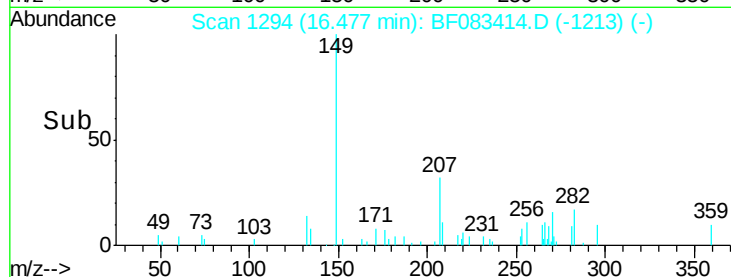
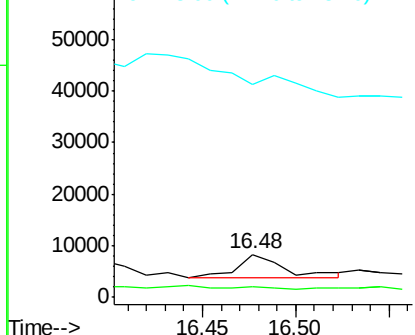
#84
Di-n-octyl phthalate
Concen: 57.35 ng
RT: 16.48 min Scan# 1294
Delta R.T. 0.63 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Instrument :
BNA_F
ClientSampleId :
C-68-20151130

Tot Ion:149 Resp: 7263
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 11.0 16.6#

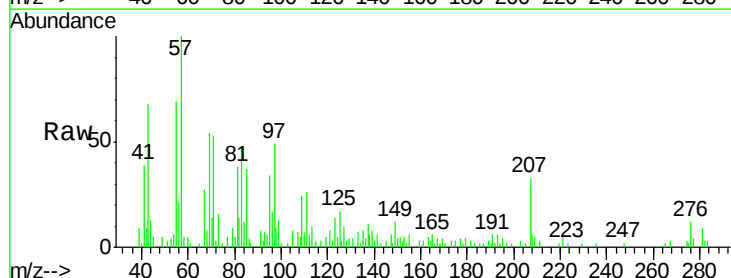


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

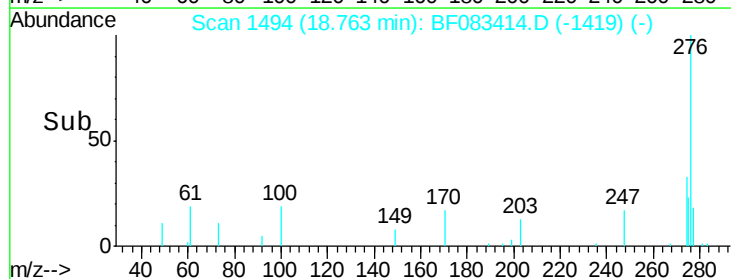
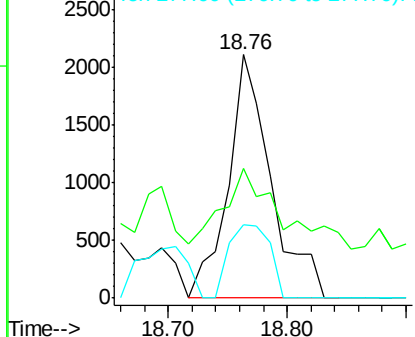


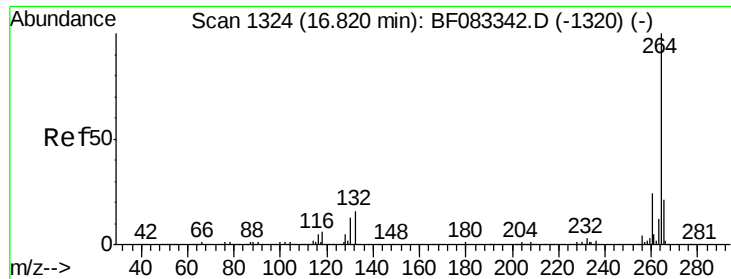
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.45 ng
RT: 18.76 min Scan# 1494
Delta R.T. 0.56 min
Lab File: BF083414.D
Acq: 2 Dec 2015 13:04

Tgt Ion:276 Resp: 5300
Ion Ratio Lower Upper
276 100
138 44.7 21.2 31.8#
277 28.8 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

Pervlene-d12

Concen: 20.00 ng

RT: 17.38 min Scan# 1373

Delta R.T. 0.56 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

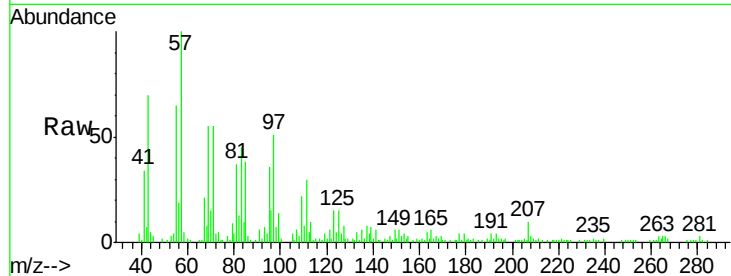
Tot Ion:264 Resp: 2742

Ion Ratio Lower Upper

264 100

260 0.0 19.0 28.4#

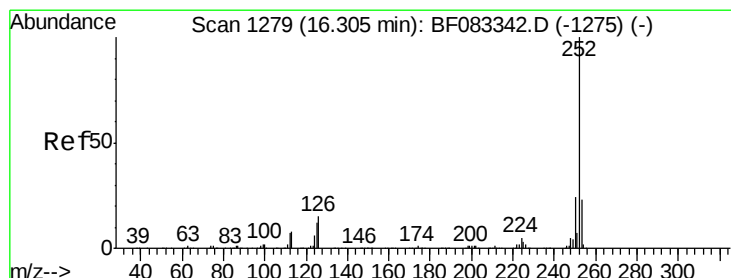
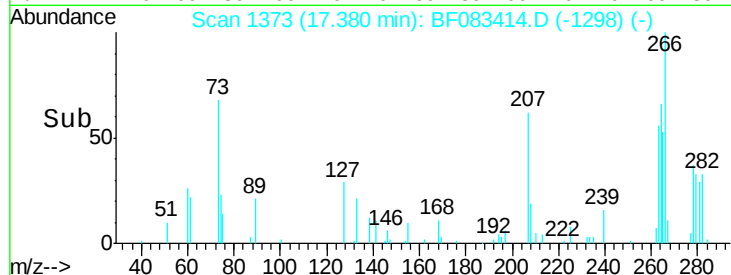
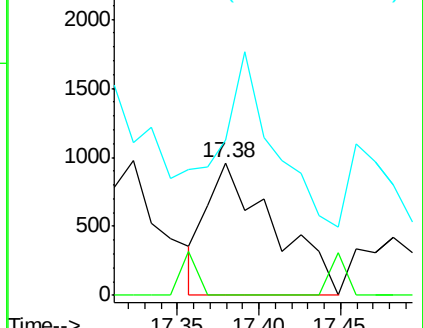
265 117.6 16.8 25.2#



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: 27.41 ng

RT: 16.84 min Scan# 1326

Delta R.T. 0.54 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

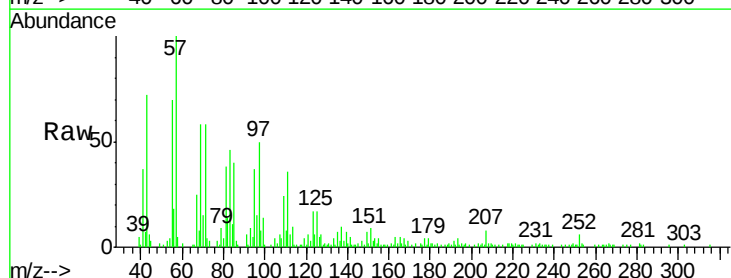
Tgt Ion:252 Resp: 4823

Ion Ratio Lower Upper

252 100

253 40.3 18.4 27.6#

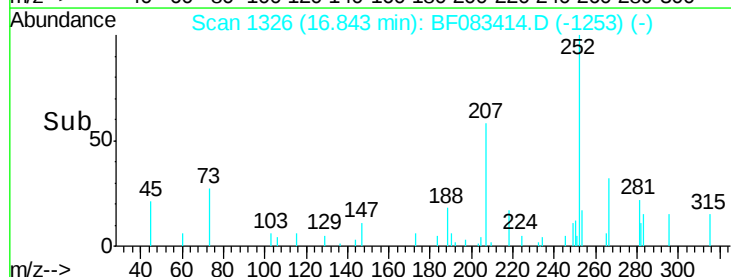
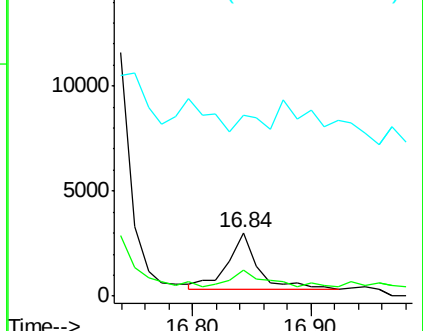
125 284.0 9.6 14.4#

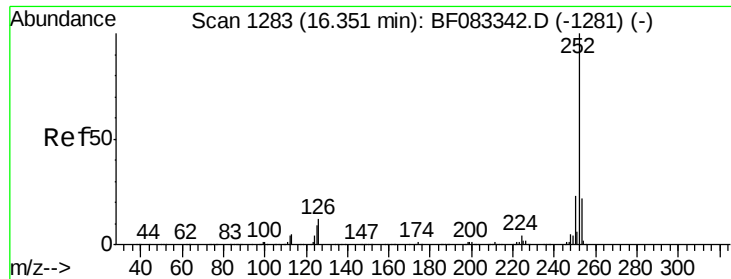


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 29.03 ng

RT: 16.84 min Scan# 1326

Delta R.T. 0.49 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130

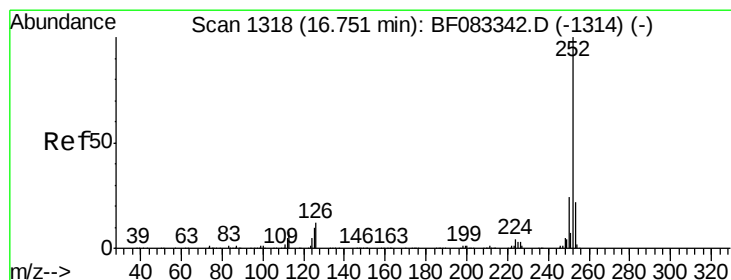
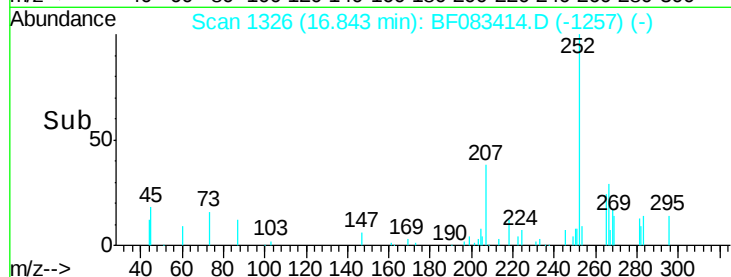
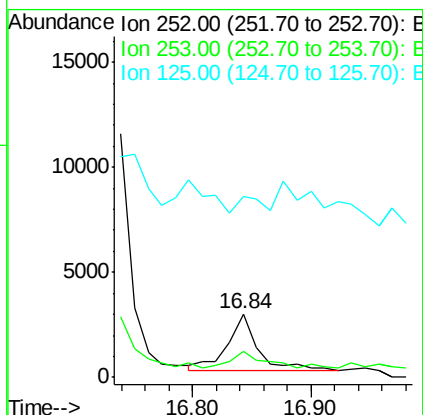
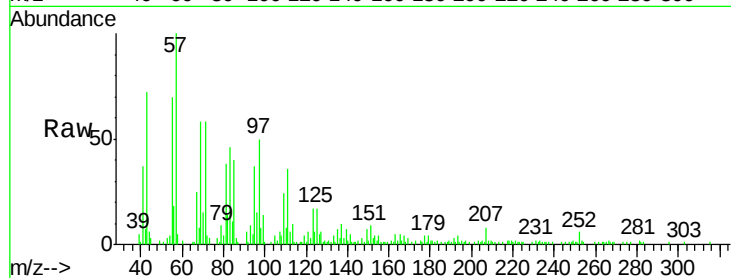
Tot Ion:252 Resp: 4823

Ion Ratio Lower Upper

252 100

253 40.3 17.4 26.0#

125 284.0 7.5 11.3#



#89

Benzo(a)pyrene

Concen: 4.38 ng

RT: 17.31 min Scan# 1367

Delta R.T. 0.56 min

Lab File: BF083414.D

Acq: 2 Dec 2015 13:04

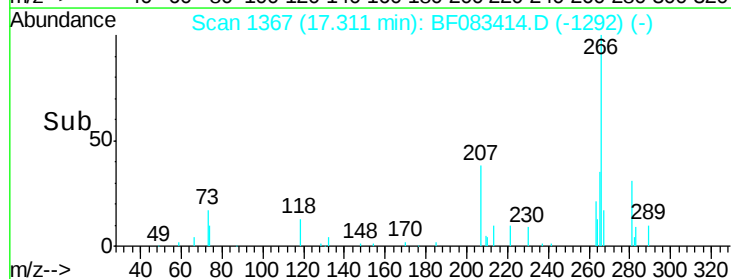
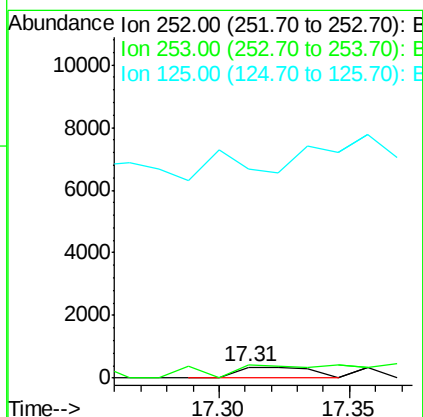
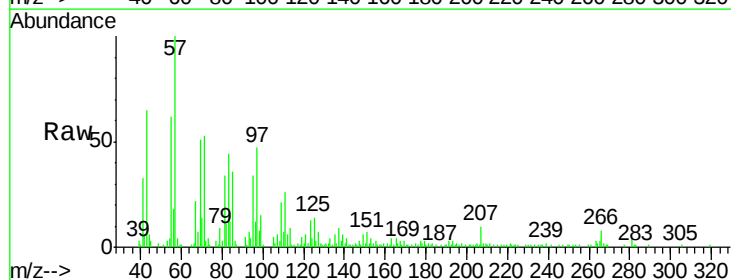
Tgt Ion:252 Resp: 662

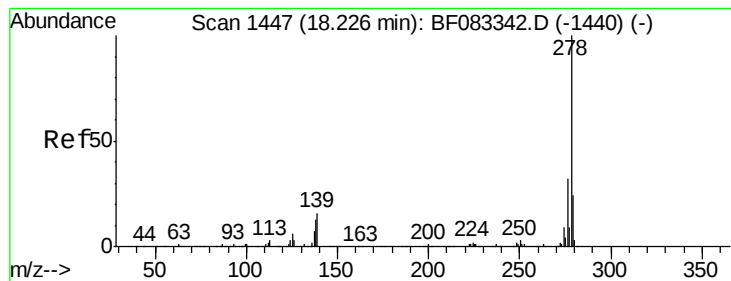
Ion Ratio Lower Upper

252 100

253 118.5 17.5 26.3#

125 1962.8 7.8 11.8#





#90

Dibenzo(a,h)anthracene

Concen: 5.60 ng

RT: 18.68 min Scan# 1487

Delta R.T. 0.46 min

Lab File: BF083414.D

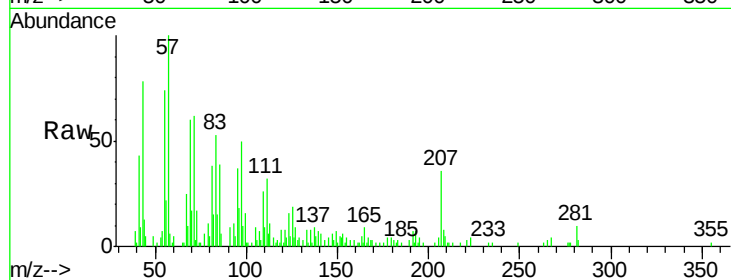
Acq: 2 Dec 2015 13:04

Instrument :

BNA_F

ClientSampleId :

C-68-20151130



Tot Ion: 278 Resp: 738

Ion Ratio Lower Upper

278 100

139 290.3 13.1 19.7#

279 0.0 19.2 28.8#

