

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082405.D
 Acq On : 21 Oct 2015 15:40
 Operator : UM/IZ
 Sample : G4099-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

Quant Time: Oct 22 09:41:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105677	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	407018	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	216045	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	404160	20.00	ng	0.00
75) Chrysene-d12	14.02	240	344619	20.00	ng	0.01
86) Perylene-d12	15.59	264	280132	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	354392	67.68	ng	0.00
7) Phenol-d6	6.41	99	297020	43.59	ng	-0.01
23) Nitrobenzene-d5	7.35	82	615850	101.61	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	241966	119.42	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1172464	90.00	ng	0.00
78) Terphenyl-d14	12.90	244	1014448	78.01	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	48104	18.28	ng	94
3) Pyridine	3.06	79	84871	13.87	ng	99
4) n-Nitrosodimethylamine	3.01	42	49898	19.23	ng	97
6) Aniline	6.43	93	229396	26.11	ng	97
8) 2-Chlorophenol	6.56	128	229295	35.87	ng	98
9) Benzaldehyde	6.32	77	126445	36.34	ng	93
10) Phenol	6.42	94	124583	15.86	ng	# 75
11) bis(2-Chloroethyl)ether	6.51	93	284597	42.84	ng	96
12) 1,3-Dichlorobenzene	6.71	146	313205	42.07	ng	98
13) 1,4-Dichlorobenzene	6.79	146	325822	41.91	ng	99
14) 1,2-Dichlorobenzene	6.94	146	286233	38.77	ng	97
15) Benzyl Alcohol	6.93	79	147518	31.36	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.05	45	389230	42.07	ng	87
17) 2-Methylphenol	7.04	107	160884	31.83	ng	97
18) Hexachloroethane	7.28	117	109825	41.27	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	205619	42.97	ng	98
20) 3+4-Methylphenols	7.20	107	178610	29.65	ng	# 68
22) Acetophenone	7.19	105	389877	48.42	ng	# 90
24) Nitrobenzene	7.36	77	269157	41.03	ng	99
25) Isophorone	7.60	82	546827	44.70	ng	100
26) 2-Nitrophenol	7.68	139	152571	46.57	ng	# 89
27) 2,4-Dimethylphenol	7.73	122	248996	47.18	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	334264	46.96	ng	99
29) 2,4-Dichlorophenol	7.93	162	237128	44.95	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	259523	42.68	ng	96
31) Naphthalene	8.08	128	788856	44.71	ng	100
32) Benzoic acid	7.83	122	50624	14.29	ng	96
33) 4-Chloroaniline	8.14	127	238056	32.49	ng	96
34) Hexachlorobutadiene	8.19	225	155109	40.93	ng	98
35) Caprolactam	8.51	113	11871	7.75	ng	# 75
36) 4-Chloro-3-methylphenol	8.63	107	224736	43.56	ng	# 82
37) 2-Methylnaphthalene	8.78	142	613404	50.15	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	267477	41.62	ng	99
40) Hexachlorocyclopentadiene	8.93	237	208942	65.89	ng	97

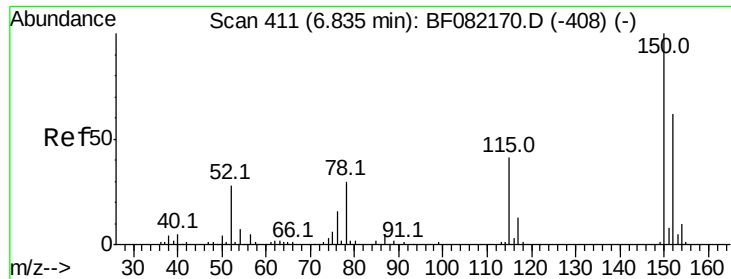
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	179161	41.98	nq	97
43) 2,4,5-Trichlorophenol	9.10	196	192249	41.58	nq	# 89
45) 1,1'-Biphenyl	9.25	154	749694	45.51	nq	96
46) 2-Chloronaphthalene	9.27	162	581953	44.87	nq	97
47) 2-Nitroaniline	9.37	65	171529	48.18	nq	87
48) Acenaphthylene	9.68	152	823170	40.74	nq	100
49) Dimethylphthalate	9.55	163	760570	49.99	nq	99
50) 2,6-Dinitrotoluene	9.61	165	139879	43.58	nq	# 62
51) Acenaphthene	9.85	154	495525	40.86	nq	99
52) 3-Nitroaniline	9.78	138	104949	28.94	nq	89
53) 2,4-Dinitrophenol	9.90	184	153157	84.95	nq	95
54) Dibenzofuran	10.02	168	729711	43.82	nq	97
55) 4-Nitrophenol	9.95	139	67029	34.39	nq	# 84
56) 2,4-Dinitrotoluene	10.02	165	205212	51.15	nq	96
57) Fluorene	10.37	166	599760	43.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	164091	43.44	nq	97
59) Diethylphthalate	10.25	149	709835	50.06	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	299406	47.79	nq	# 82
61) 4-Nitroaniline	10.41	138	148681	42.27	nq	89
62) Azobenzene	10.53	77	677291	48.80	nq	89
64) 4,6-Dinitro-2-methylphenol	10.43	198	111579	49.19	nq	91
65) n-Nitrosodiphenylamine	10.49	169	556034	45.95	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	180677	44.67	nq	# 80
67) Hexachlorobenzene	10.91	284	195926	44.79	nq	# 81
68) Atrazine	11.02	200	175794	45.86	nq	99
69) Pentachlorophenol	11.12	266	188735	83.85	nq	99
70) Phenanthrene	11.33	178	950321	47.97	nq	99
71) Anthracene	11.38	178	954374	46.75	nq	99
72) Carbazole	11.54	167	840226	45.12	nq	99
73) Di-n-butylphthalate	11.87	149	1122759	48.87	nq	99
74) Fluoranthene	12.53	202	1020569	47.97	nq	97
76) Benzidine	12.65	184	146478	14.67	nq	99
77) Pyrene	12.75	202	1006017	49.19	nq	99
79) Butylbenzylphthalate	13.41	149	481788	51.62	nq	89
80) Benzo(a)anthracene	14.01	228	794996	44.34	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	213309	31.34	nq	98
82) Chrysene	14.06	228	803388	42.52	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	620989	46.64	nq	99
84) Di-n-octyl phthalate	14.71	149	1077486	47.12	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	624871	41.61	nq	98
87) Benzo(b)fluoranthene	15.18	252	762829	44.76	nq	# 97
88) Benzo(k)fluoranthene	15.20	252	623450m	43.52	nq	
89) Benzo(a)pyrene	15.53	252	664235	45.35	nq	# 96
90) Dibenzo(a,h)anthracene	17.01	278	536294	44.68	nq	98
91) Benzo(g,h,i)perylene	17.42	276	512230	43.93	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

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20151013MGP208BRV68MSD

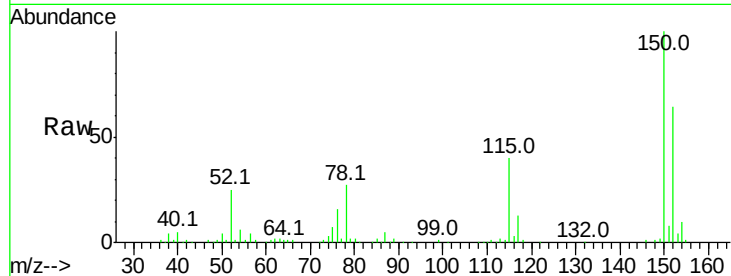
Tot Ion:152 Resp: 105677

Ion Ratio Lower Upper

152 100

150 157.3 129.0 193.4

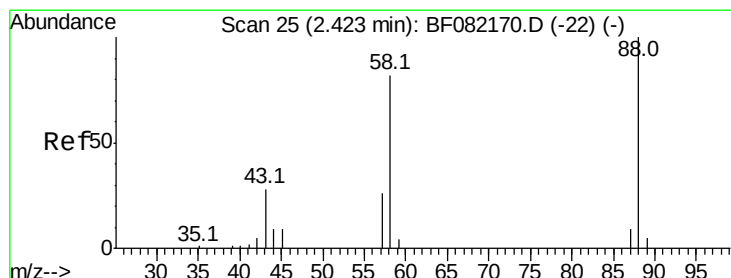
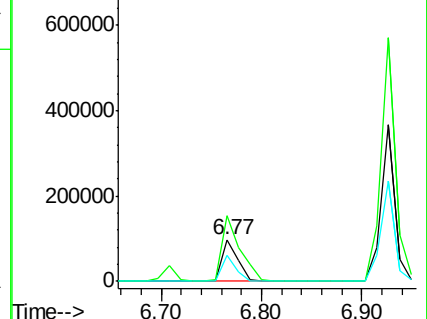
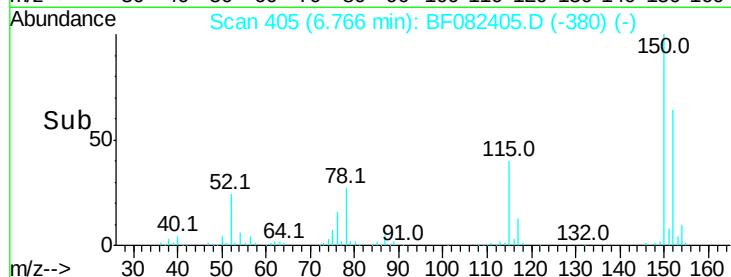
115 62.3 52.1 78.1



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: 18.28 ng

RT: 2.34 min Scan# 18

Delta R.T. 0.05 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

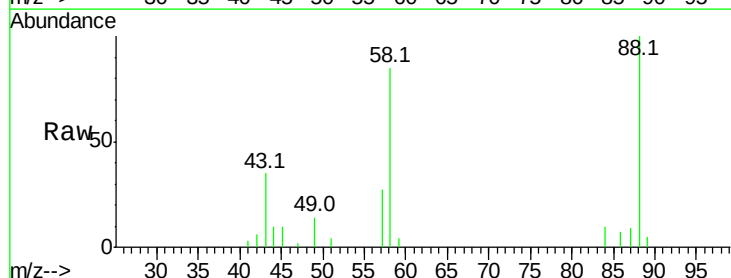
Tgt Ion: 88 Resp: 48104

Ion Ratio Lower Upper

88 100

58 86.5 66.2 99.4

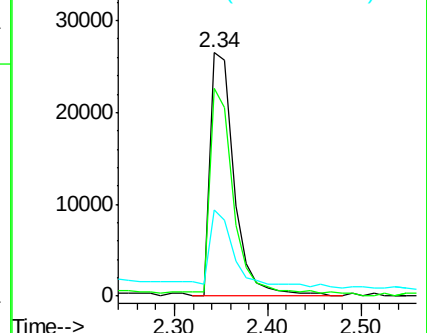
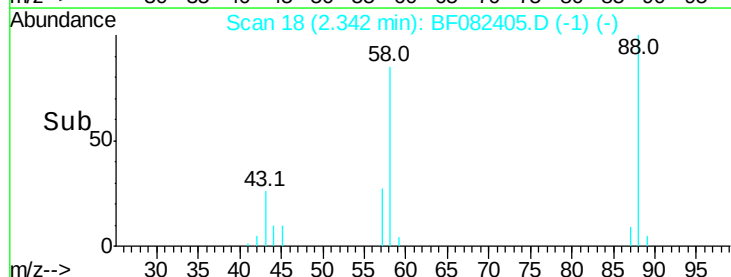
43 34.0 23.0 34.4

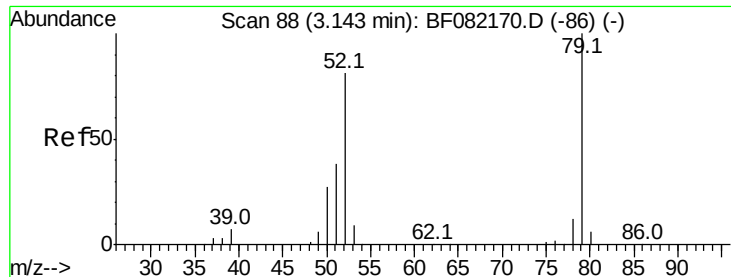


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

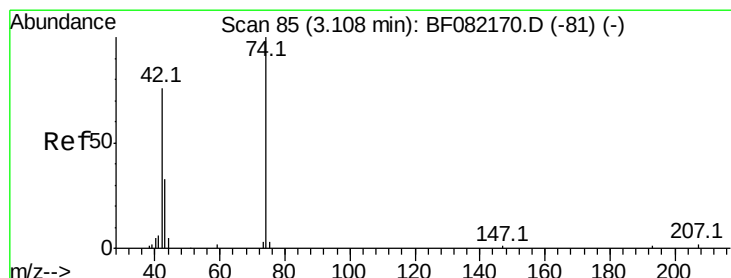
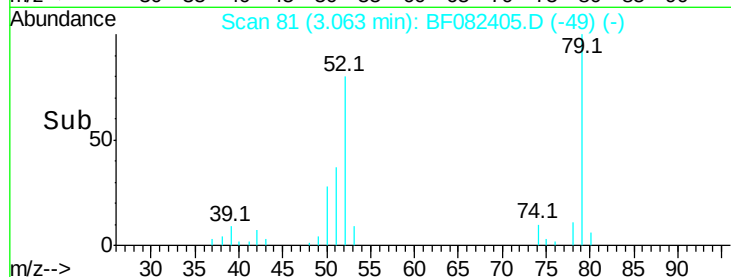
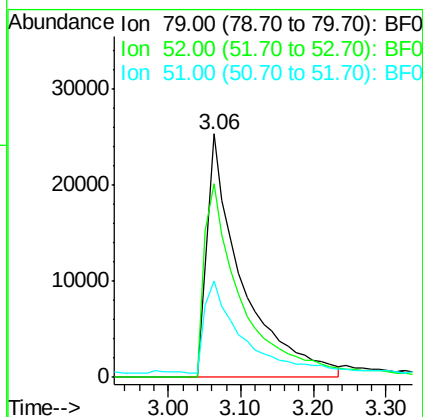
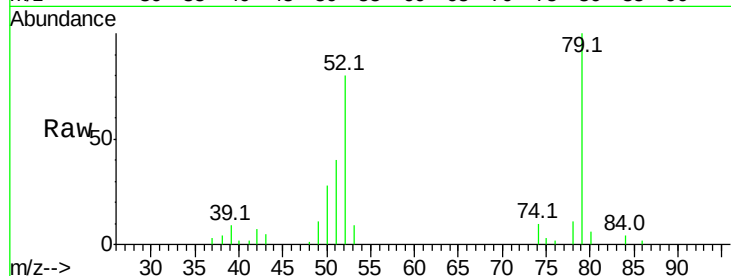




#3
 Pvridine
 Concen: 13.87 ng
 RT: 3.06 min Scan# 81
 Delta R.T. 0.07 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

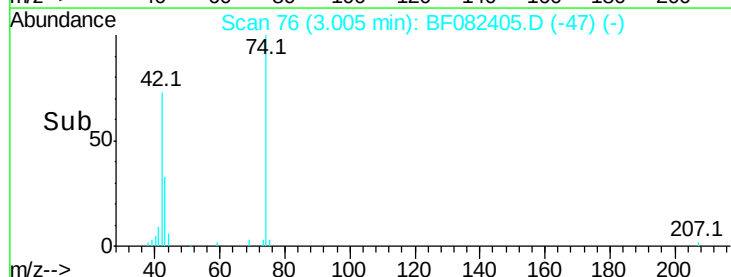
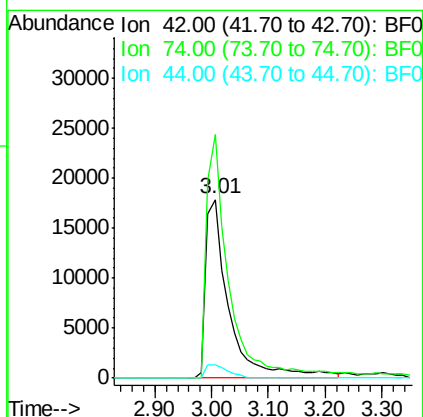
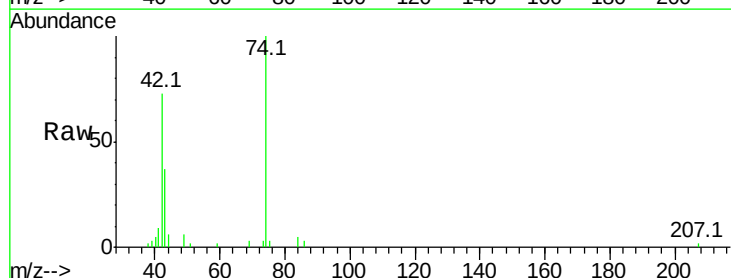
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

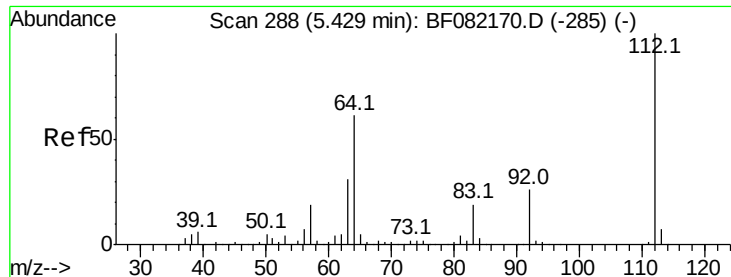
Tot Ion: 79 Resp: 84871
 Ion Ratio Lower Upper
 79 100
 52 79.6 64.4 96.6
 51 39.6 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 19.23 ng
 RT: 3.01 min Scan# 76
 Delta R.T. 0.03 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion: 42 Resp: 49898
 Ion Ratio Lower Upper
 42 100
 74 136.1 105.7 158.5
 44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 67.68 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

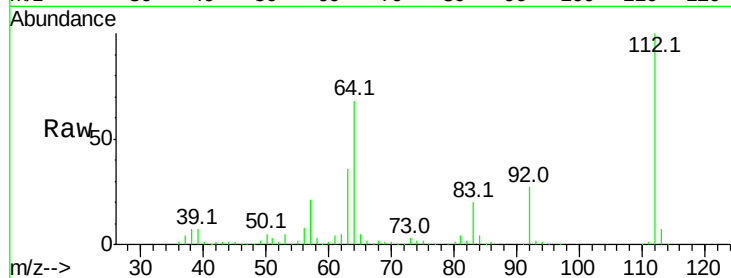
Tot Ion:112 Resp: 354392

Ion Ratio Lower Upper

112 100

64 67.9 48.6 73.0

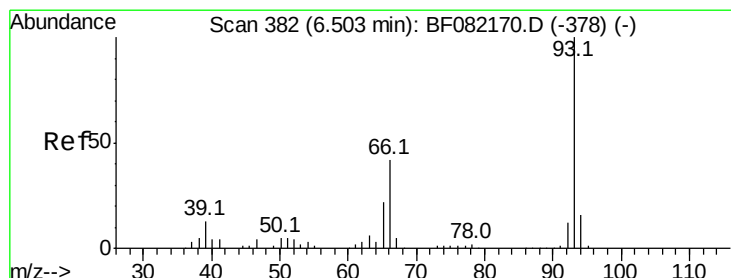
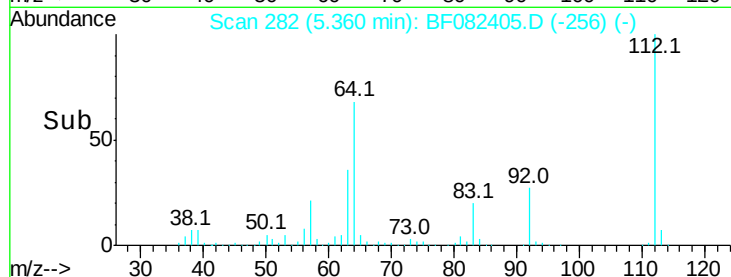
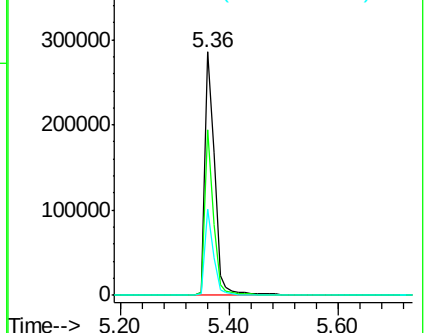
63 35.6 25.1 37.7



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: 26.11 ng

RT: 6.43 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

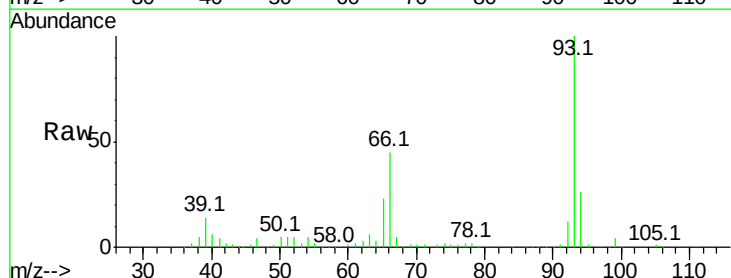
Tgt Ion: 93 Resp: 229396

Ion Ratio Lower Upper

93 100

66 44.6 34.2 51.2

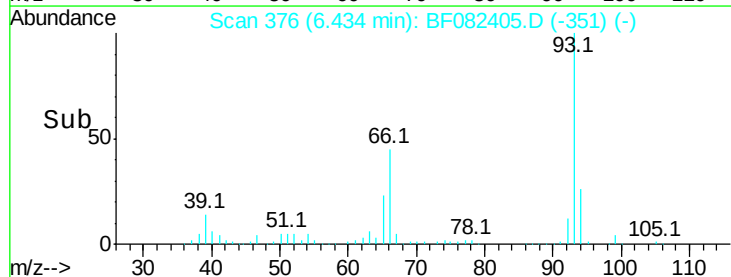
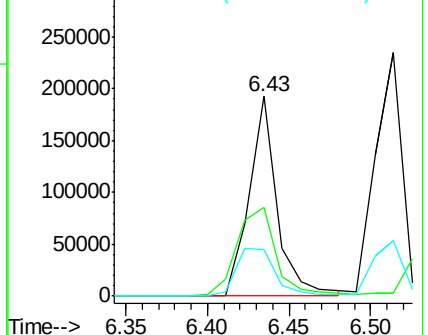
65 23.3 17.9 26.9

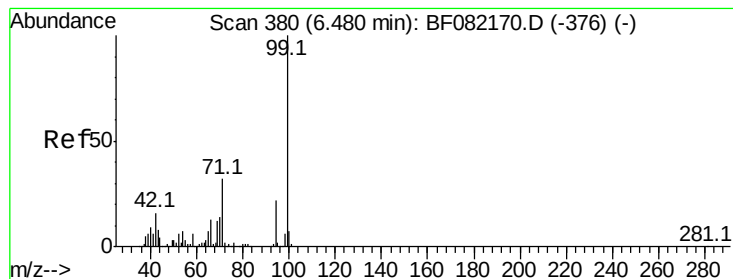


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.59 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

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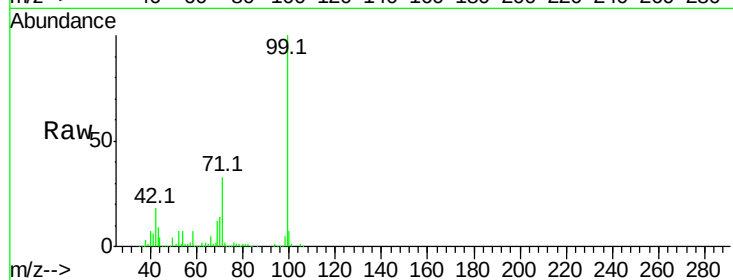
Tot Ion: 99 Resp: 297020

Ion Ratio Lower Upper

99 100

42 18.1 13.2 19.8

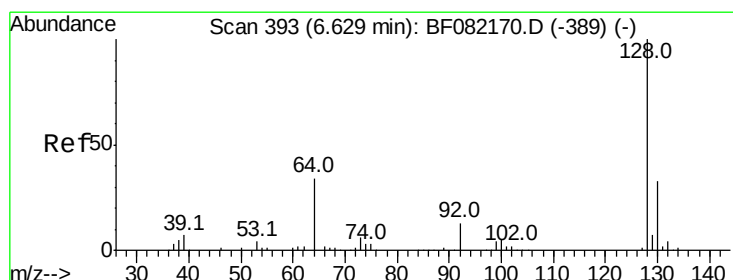
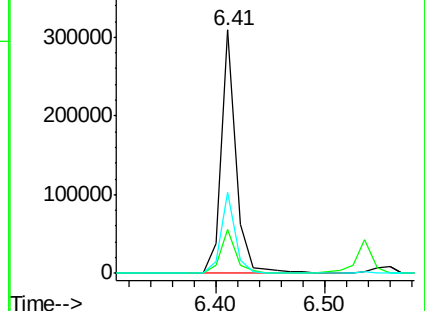
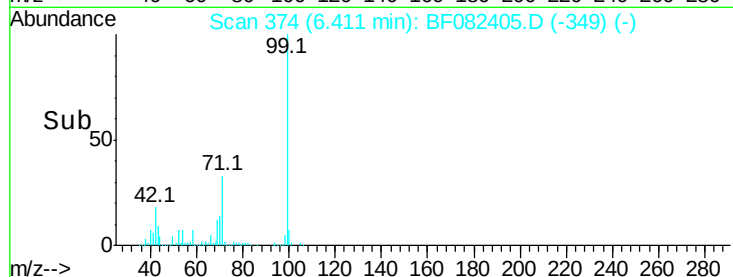
71 33.3 25.6 38.4



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: 35.87 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

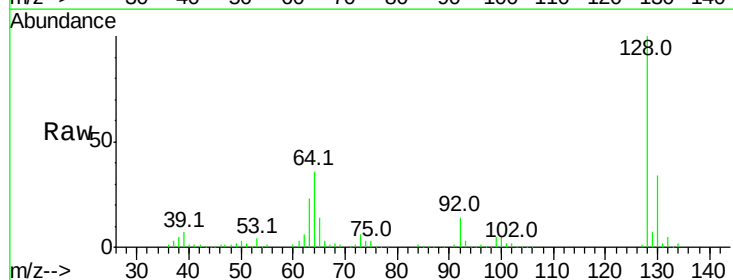
Tgt Ion: 128 Resp: 229295

Ion Ratio Lower Upper

128 100

130 33.9 12.6 52.6

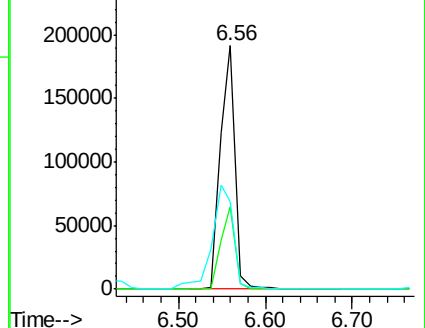
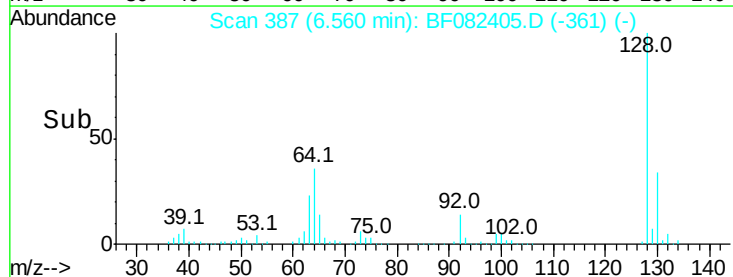
64 35.7 16.7 56.7

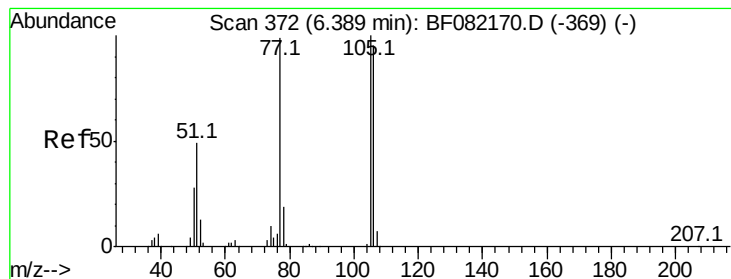


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.34 ng

RT: 6.32 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

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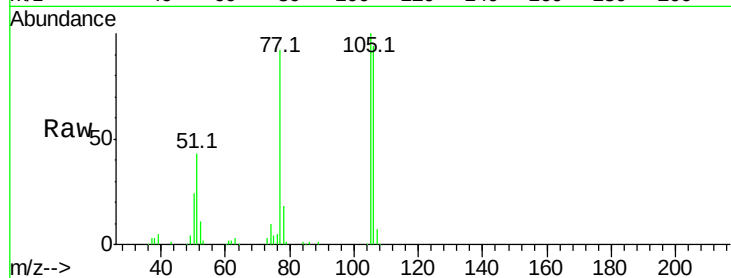
Tot Ion: 77 Resp: 126445

Ion Ratio Lower Upper

77 100

105 108.4 80.6 120.6

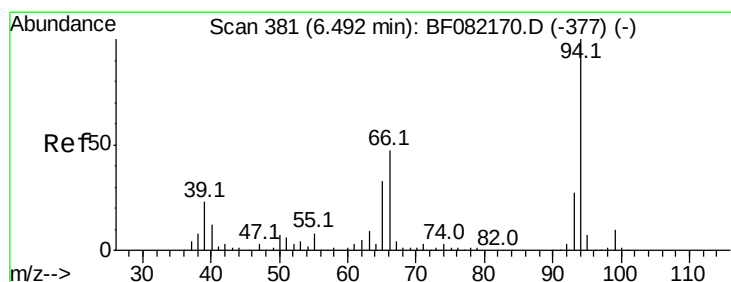
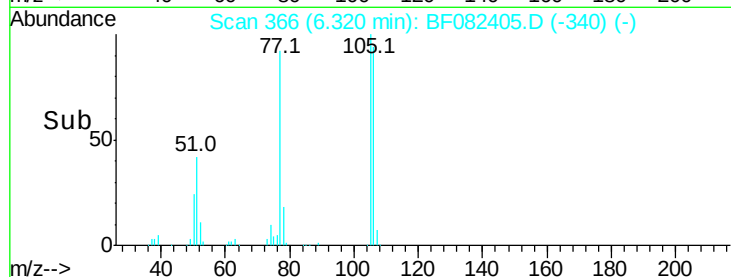
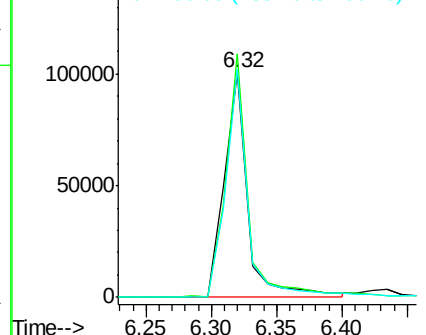
106 101.8 75.5 115.5



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: 15.86 ng

RT: 6.42 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

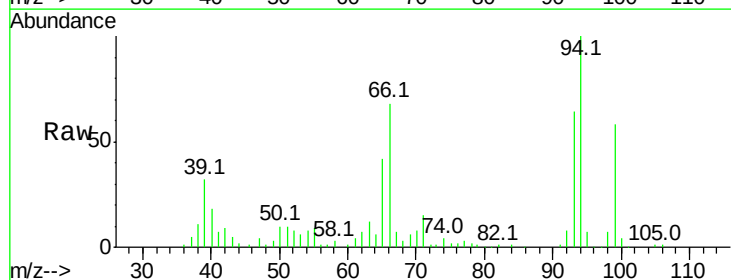
Tgt Ion: 94 Resp: 124583

Ion Ratio Lower Upper

94 100

65 42.3 12.6 52.6

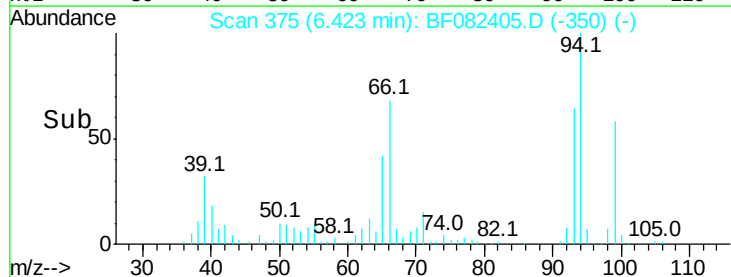
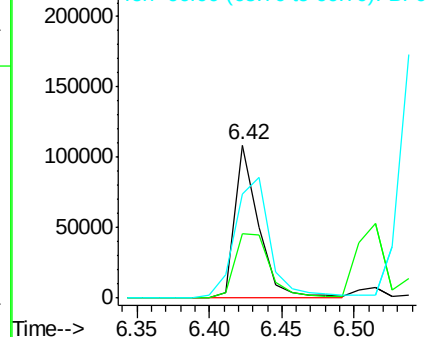
66 67.8 27.3 67.3#

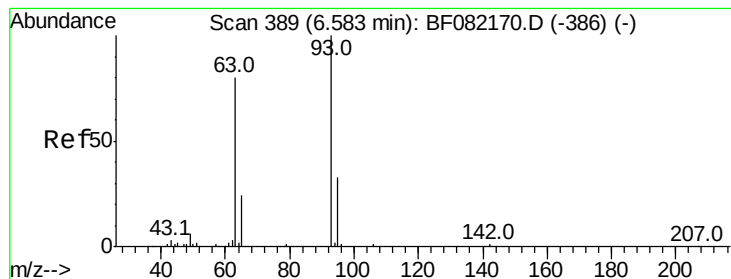


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.84 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

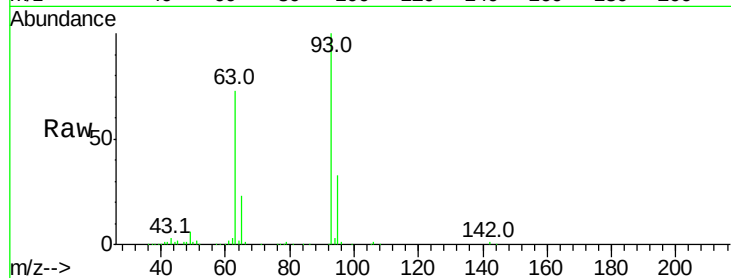
Tot Ion: 93 Resp: 284597

Ion Ratio Lower Upper

93 100

63 72.5 57.1 97.1

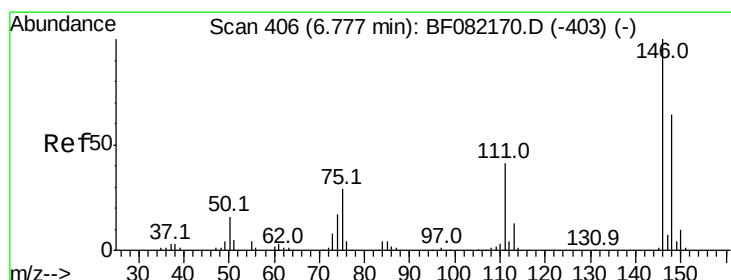
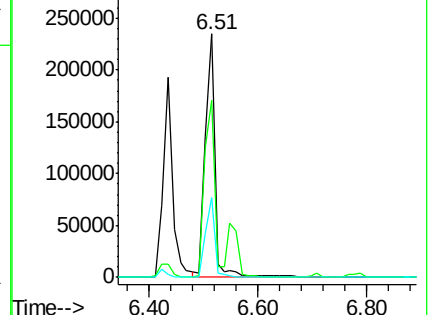
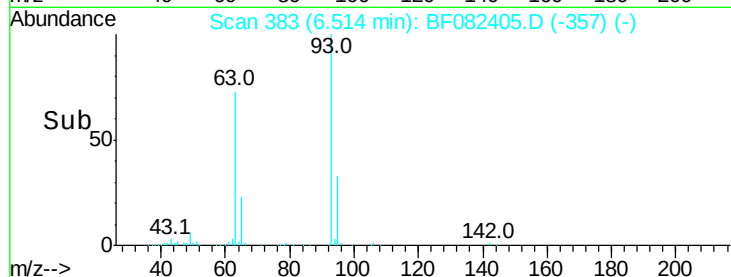
95 32.7 11.9 51.9



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



#12

1,3-Dichlorobenzene

Concen: 42.07 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

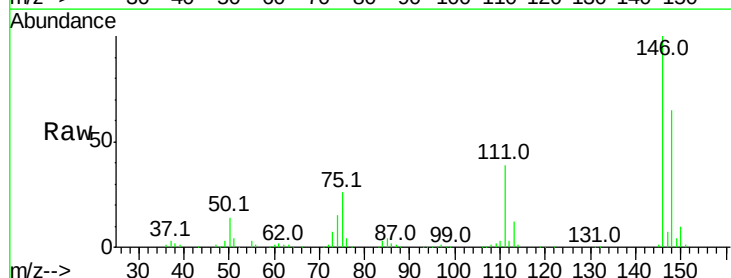
Tgt Ion: 146 Resp: 313205

Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

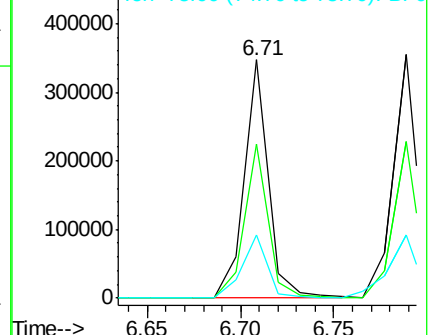
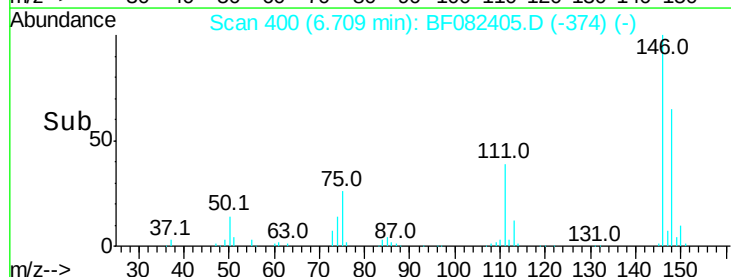
75 26.4 23.0 34.6

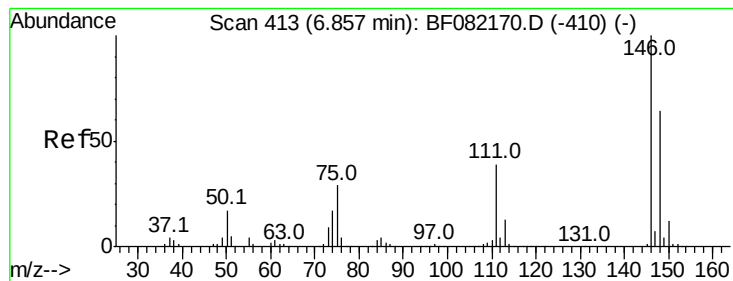


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.91 ng

RT: 6.79 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

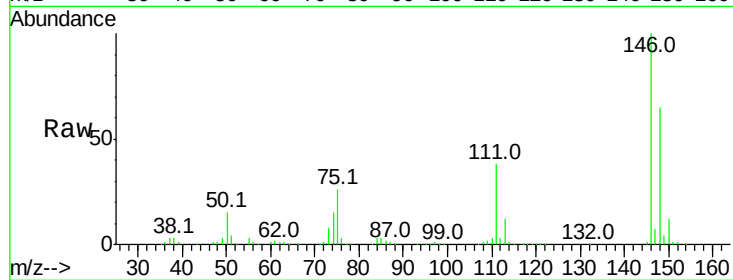
Tot Ion:146 Resp: 325822

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.4

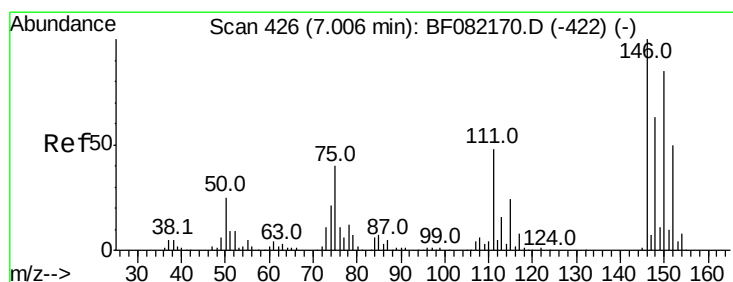
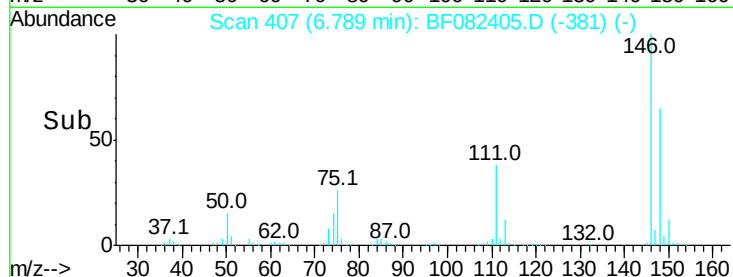
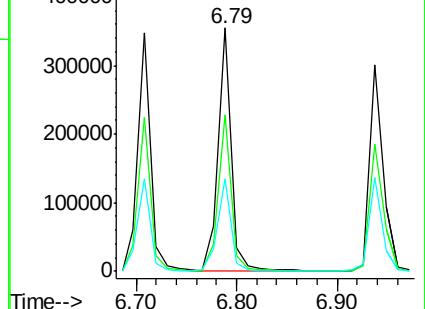
111 38.0 31.1 46.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.77 ng

RT: 6.94 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

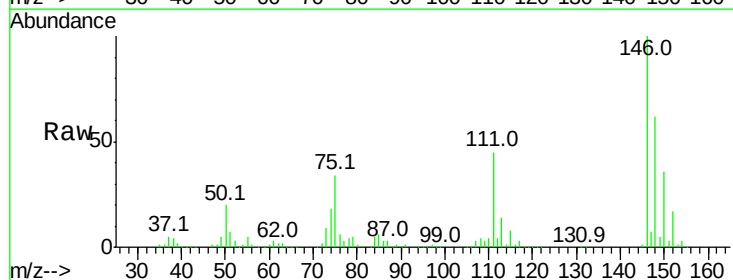
Tgt Ion:146 Resp: 286233

Ion Ratio Lower Upper

146 100

148 61.8 50.5 75.7

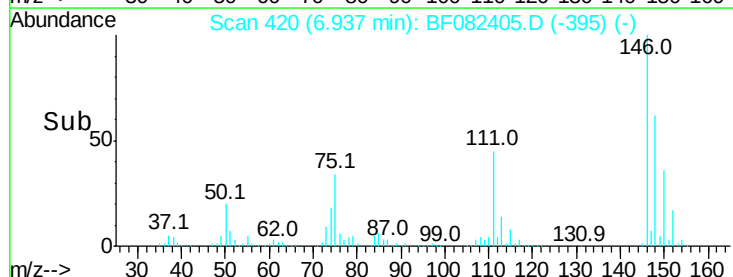
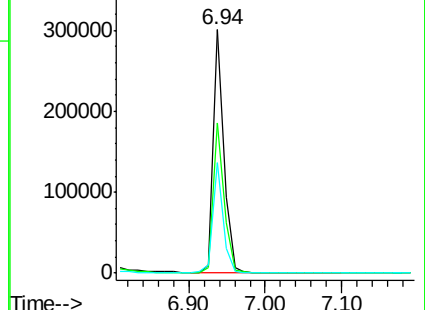
111 45.3 38.5 57.7

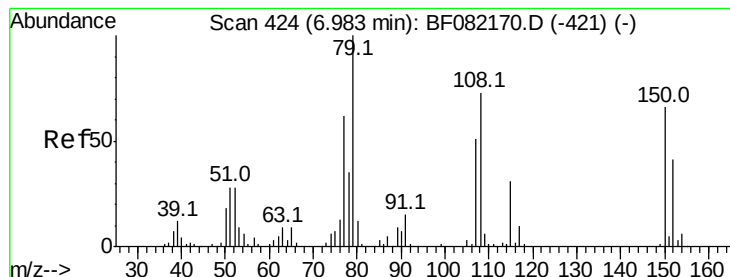


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.36 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

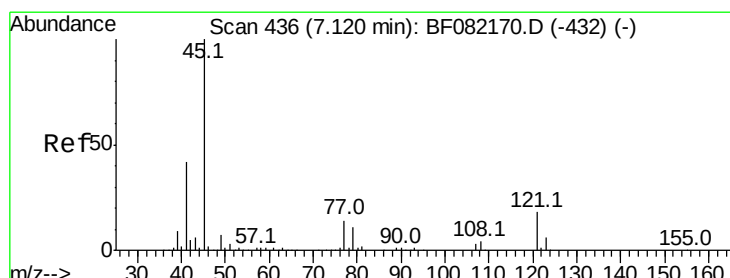
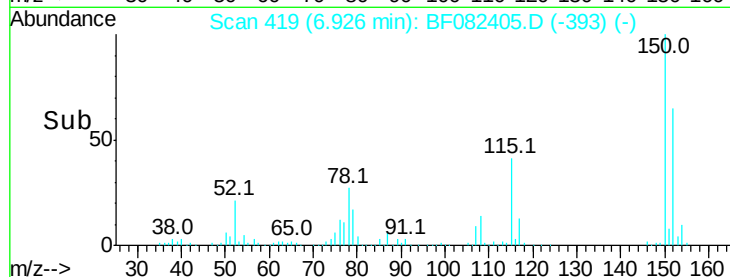
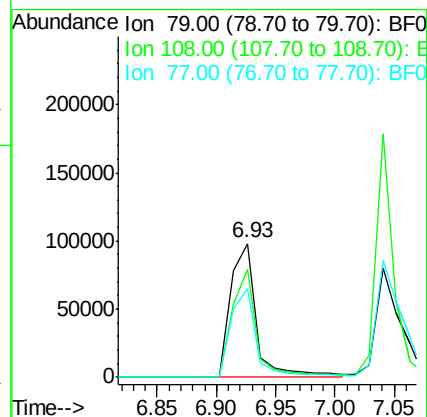
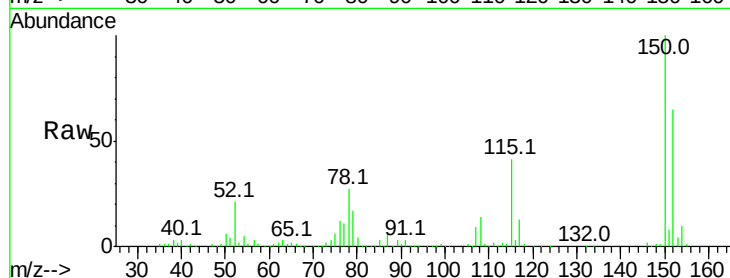
Tot Ion: 79 Resp: 147518

Ion Ratio Lower Upper

79 100

108 81.2 58.4 87.6

77 66.8 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.07 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

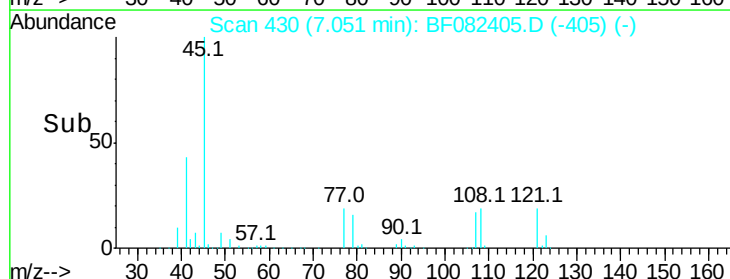
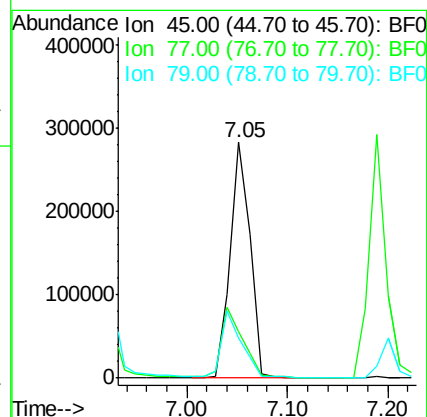
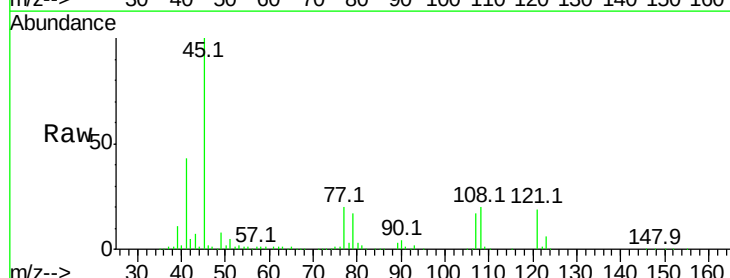
Tgt Ion: 45 Resp: 389230

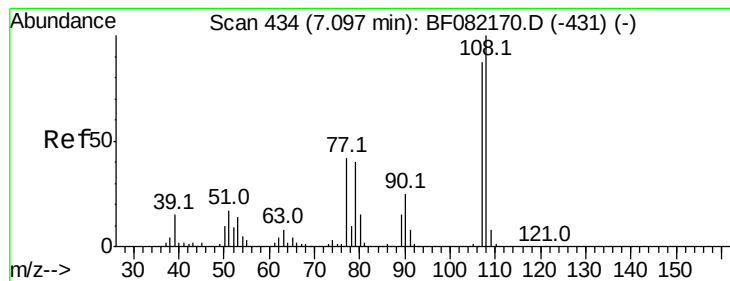
Ion Ratio Lower Upper

45 100

77 19.8 0.0 34.5

79 16.8 0.0 31.6





#17

2-Methylphenol

Concen: 31.83 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

Tot Ion:107 Resp: 160884

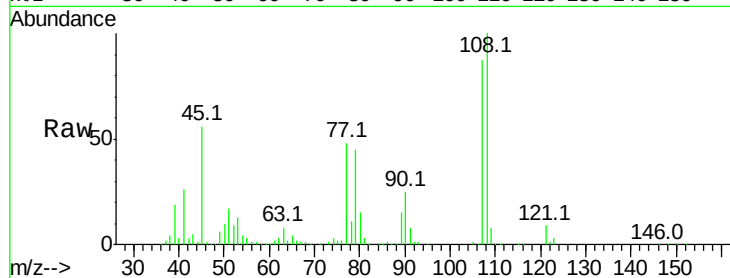
Ion Ratio Lower Upper

107 100

108 114.6 92.2 138.2

77 54.8 39.6 59.4

79 51.4 38.2 57.4

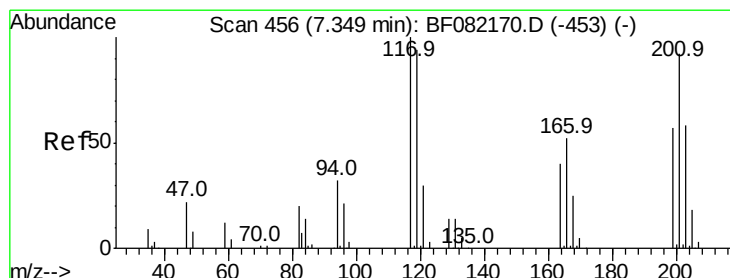
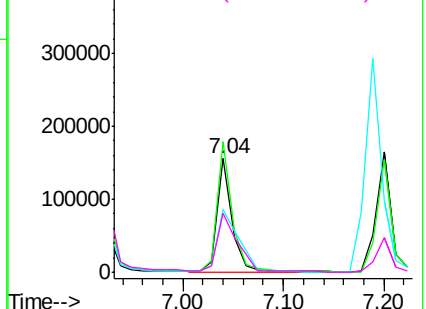
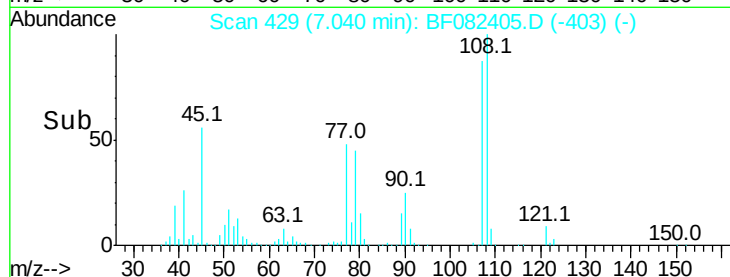


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.27 ng

RT: 7.28 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

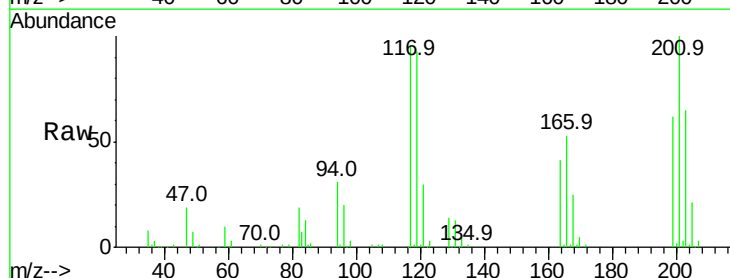
Tgt Ion:117 Resp: 109825

Ion Ratio Lower Upper

117 100

119 97.0 75.4 113.2

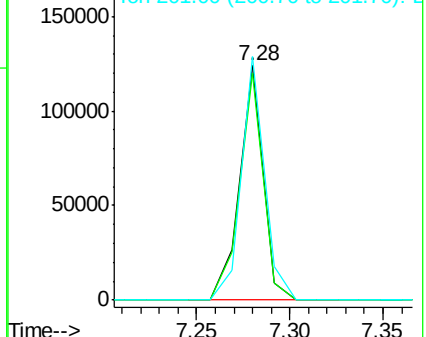
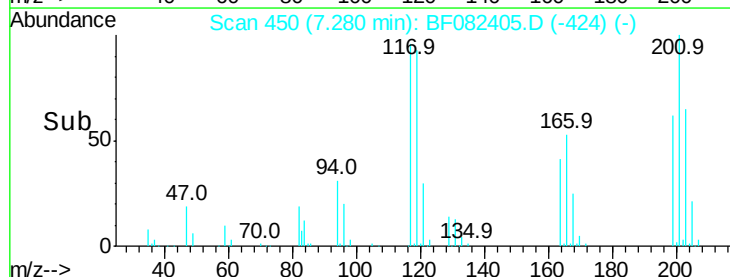
201 103.9 73.4 110.0

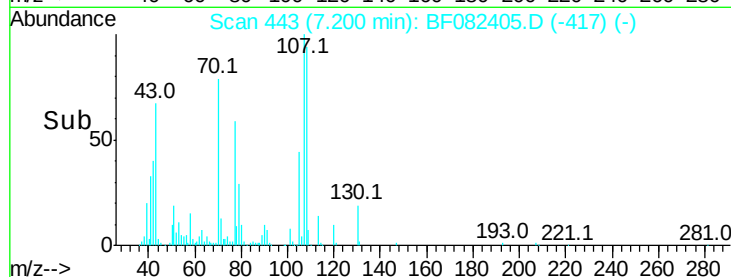
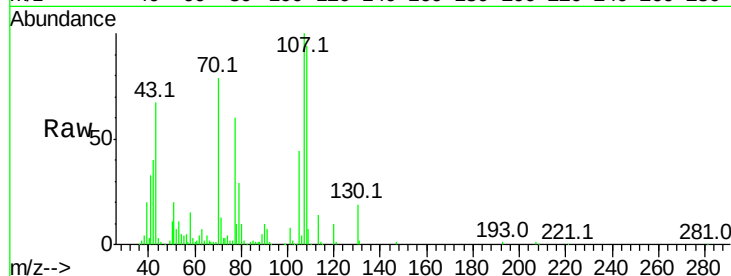
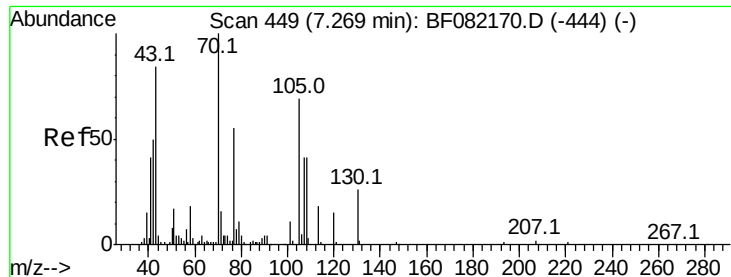


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

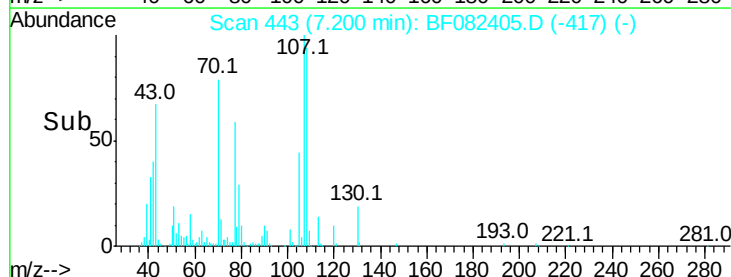
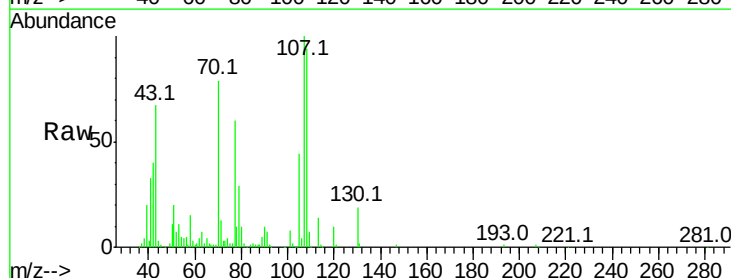
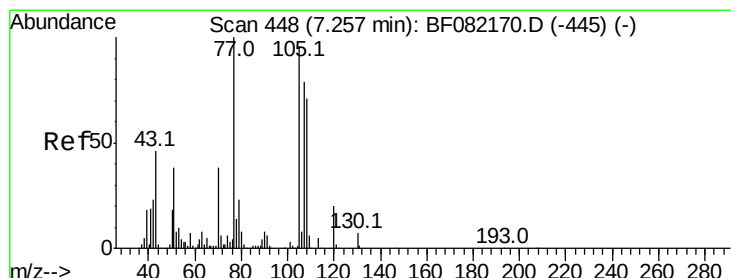
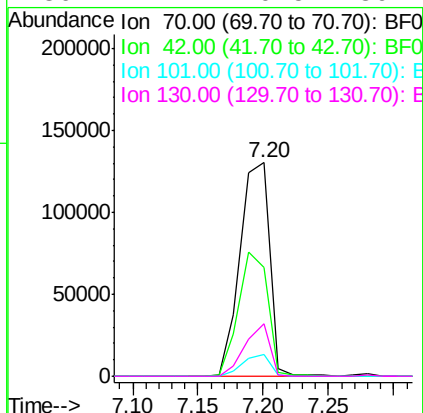




#19
n-Nitroso-di-n-propylamine
Concen: 42.97 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

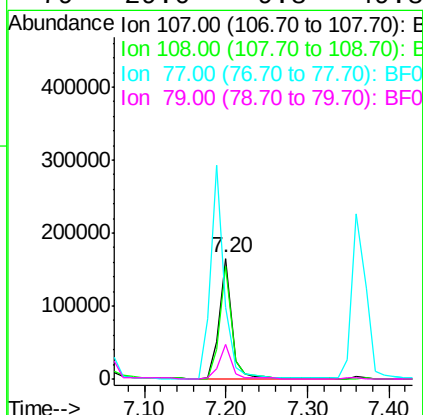
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

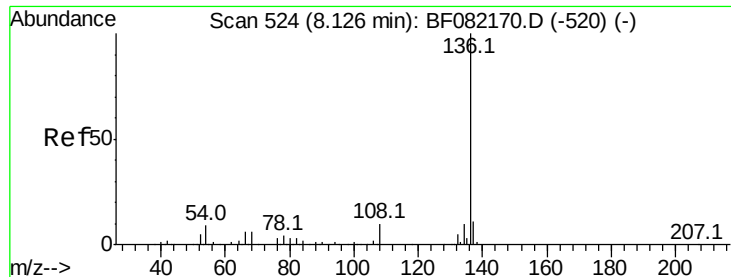
Tot Ion:	70	Resp:	205619
Ion	Ratio	Lower	Upper
70	100		
42	51.2	39.8	59.8
101	10.2	8.6	13.0
130	24.4	20.5	30.7



#20
3+4-Methylphenols
Concen: 29.65 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:	107	Resp:	178610
Ion	Ratio	Lower	Upper
107	100		
108	93.9	69.9	109.9
77	59.6	106.0	146.0#
79	29.0	9.8	49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

Tot Ion:136 Resp: 407018

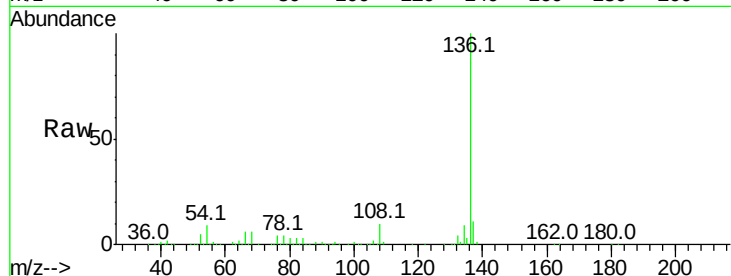
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 9.2 7.5 11.3

68 6.0 4.6 7.0

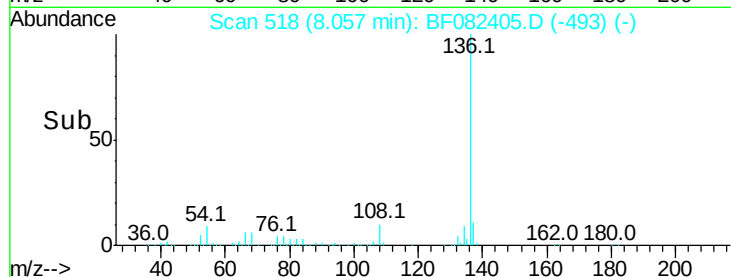


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

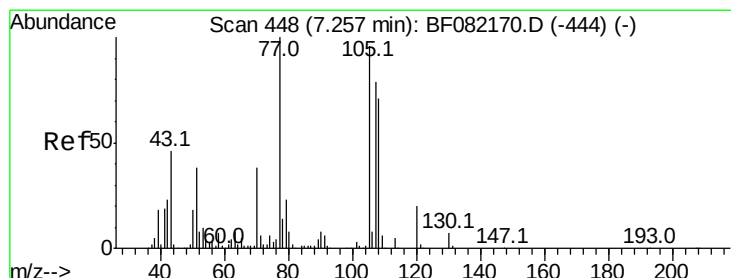
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

8.06



#22

Acetophenone

Concen: 48.42 ng

RT: 7.19 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Tgt Ion:105 Resp: 389877

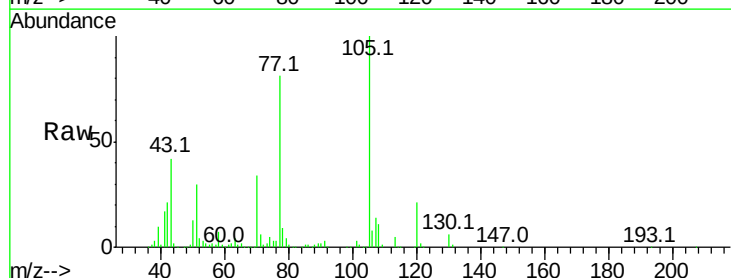
Ion Ratio Lower Upper

105 100

71 5.8 5.4 8.0

51 29.9 31.8 47.6#

120 21.1 16.3 24.5

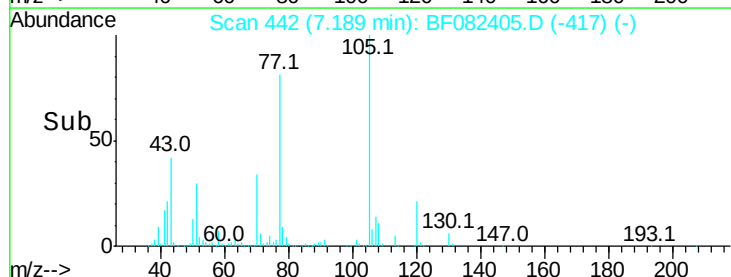


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

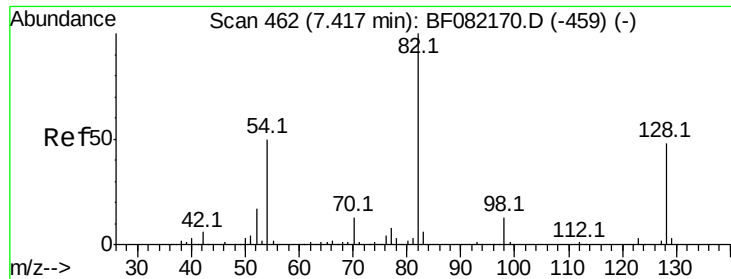
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

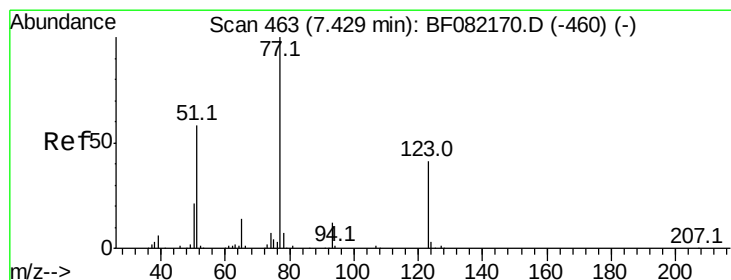
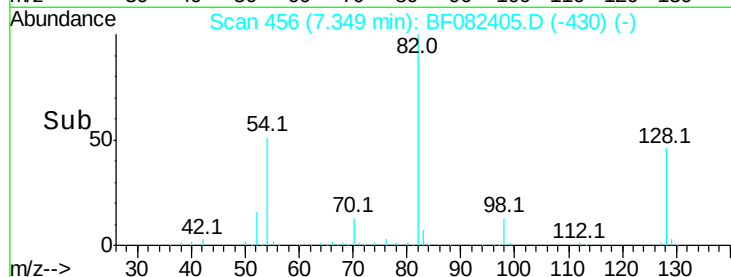
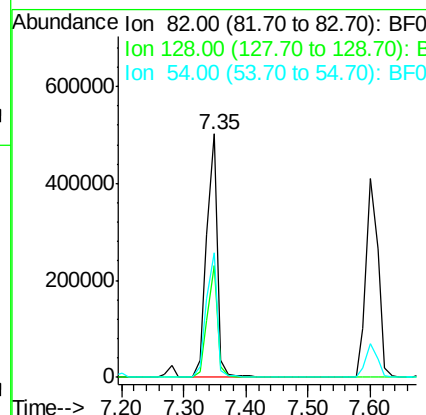
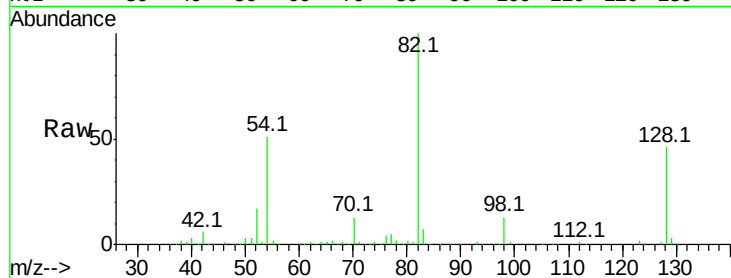
7.19



#23
 Nitrobenzene-d5
 Concen: 101.61 ng
 RT: 7.35 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

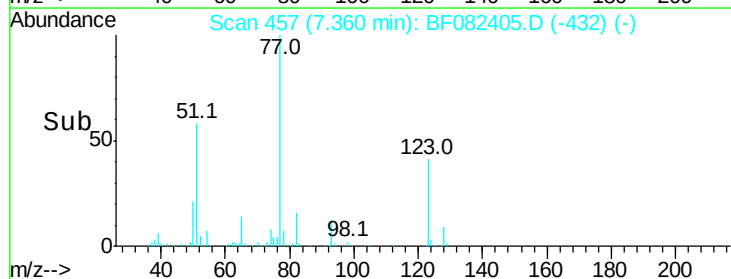
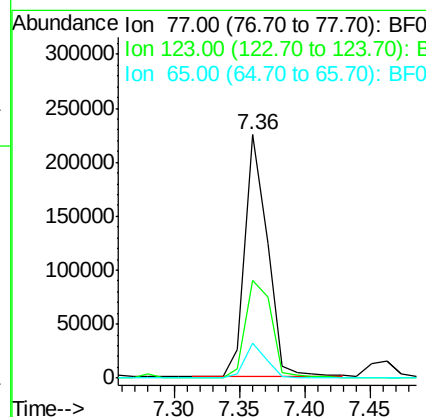
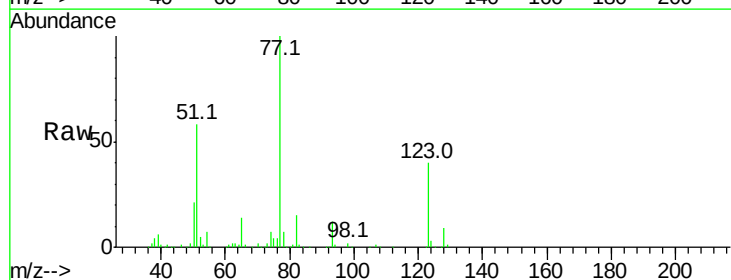
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

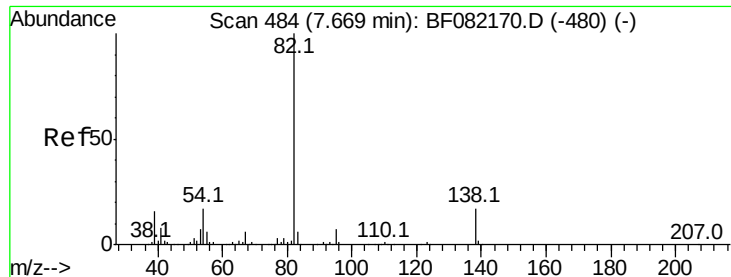
Tot Ion: 82 Resp: 615850
 Ion Ratio Lower Upper
 82 100
 128 46.1 38.7 58.1
 54 51.1 40.1 60.1



#24
 Nitrobenzene
 Concen: 41.03 ng
 RT: 7.36 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion: 77 Resp: 269157
 Ion Ratio Lower Upper
 77 100
 123 40.3 33.0 49.4
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 44.70 ng

RT: 7.60 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

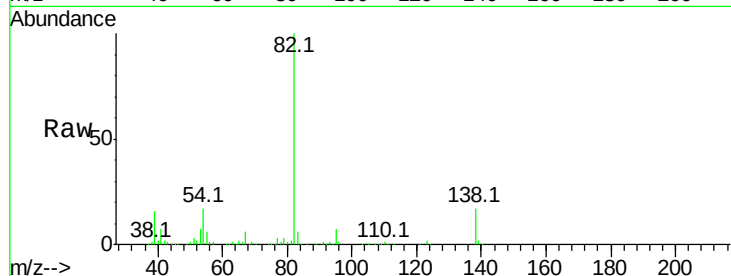
Tot Ion: 82 Resp: 546827

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

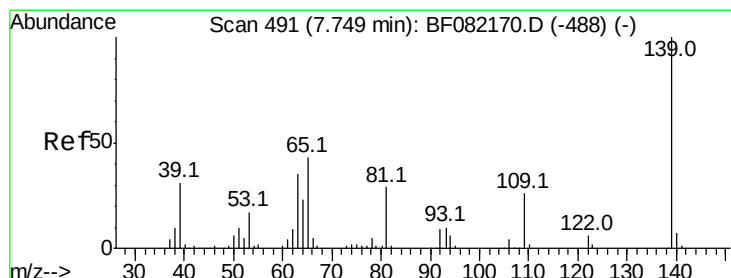
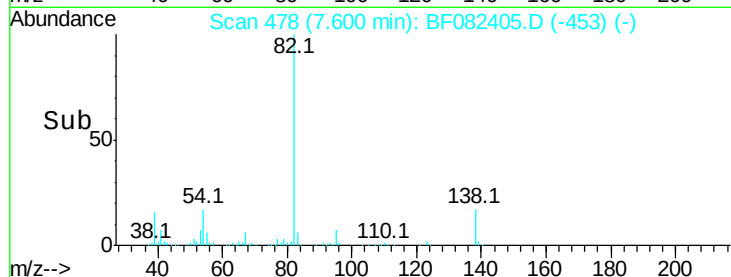
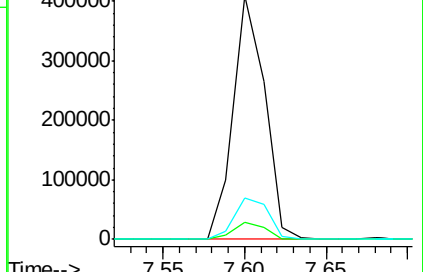
138 16.8 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.57 ng

RT: 7.68 min Scan# 485

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

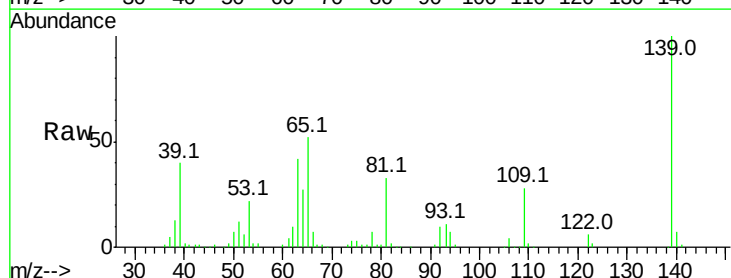
Tgt Ion: 139 Resp: 152571

Ion Ratio Lower Upper

139 100

109 28.3 20.6 31.0

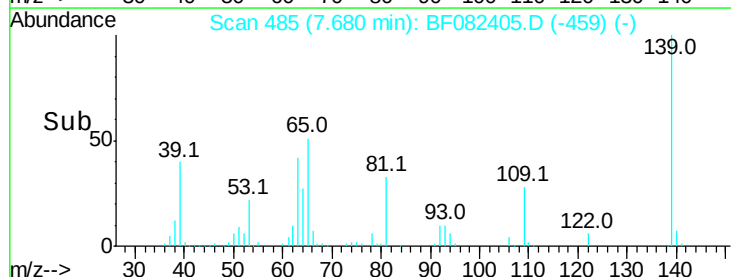
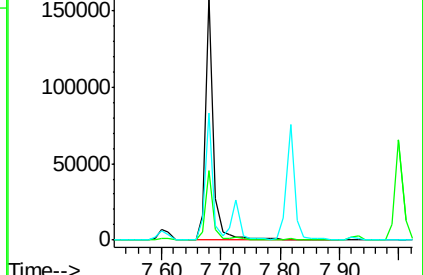
65 52.1 34.3 51.5#

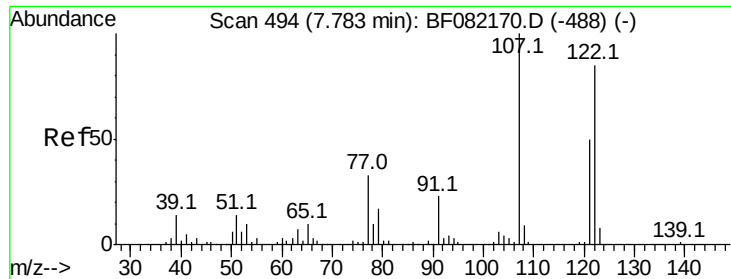


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

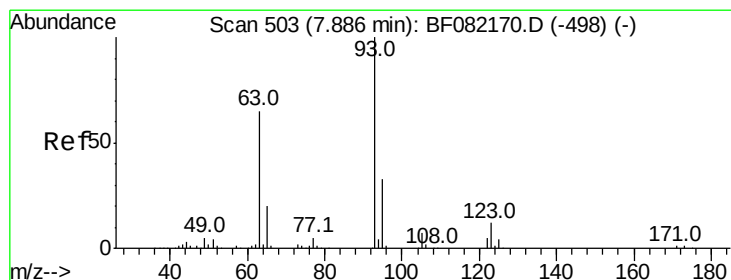
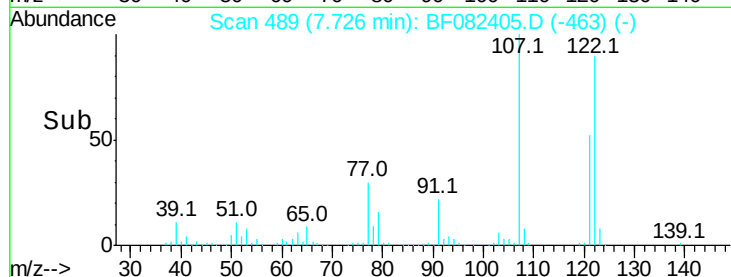
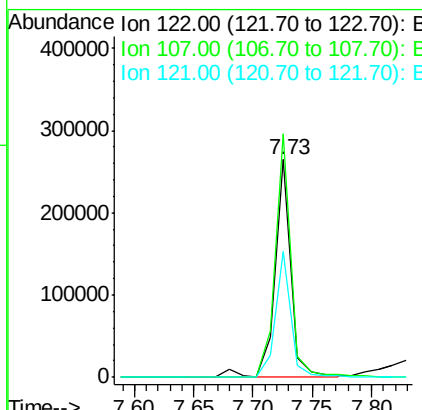
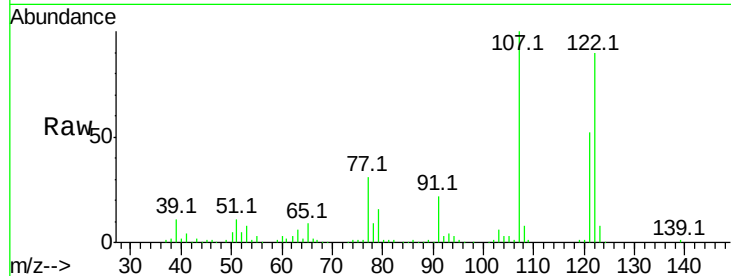




#27
2,4-Dimethylphenol
Concen: 47.18 ng
RT: 7.73 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

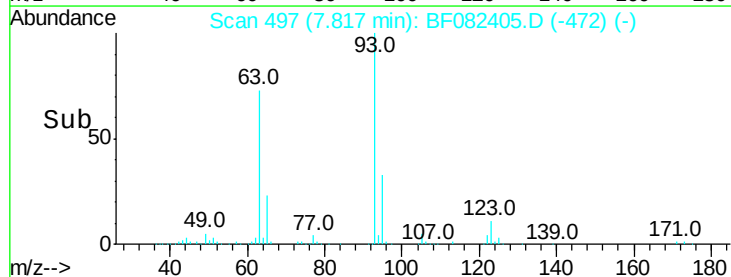
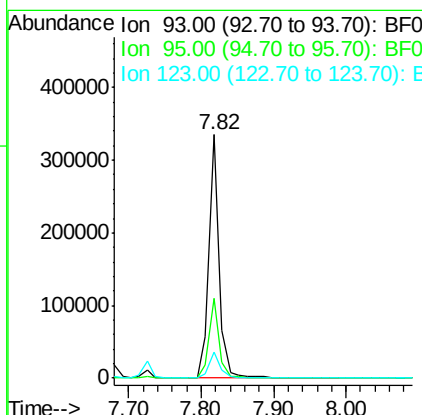
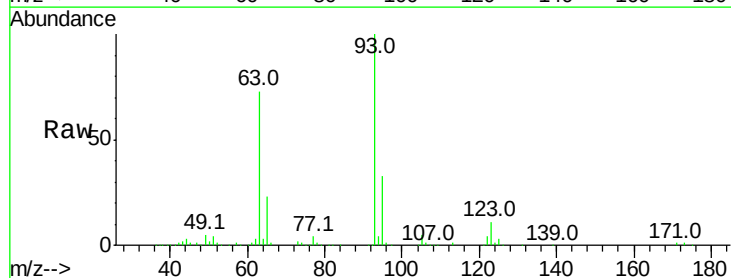
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

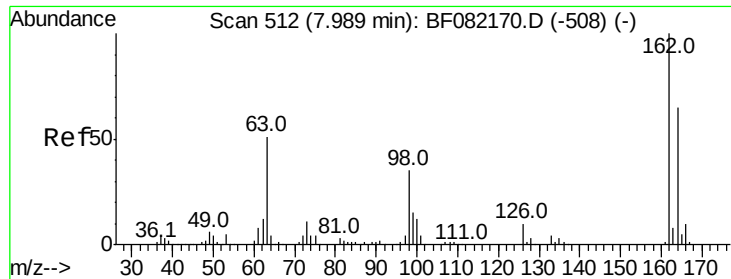
Tot Ion:122 Resp: 248996
Ion Ratio Lower Upper
122 100
107 111.7 94.0 141.0
121 58.0 46.8 70.2



#28
bis(2-Chloroethoxy)methane
Concen: 46.96 ng
RT: 7.82 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion: 93 Resp: 334264
Ion Ratio Lower Upper
93 100
95 32.7 26.6 39.8
123 10.6 9.5 14.3

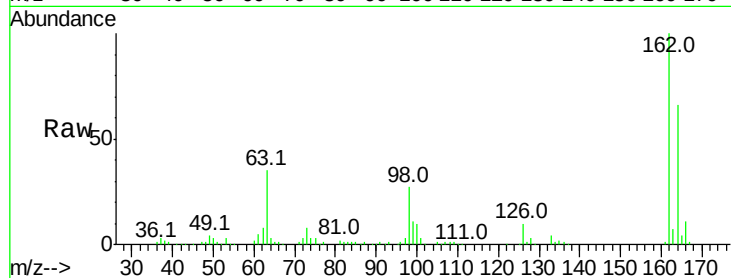




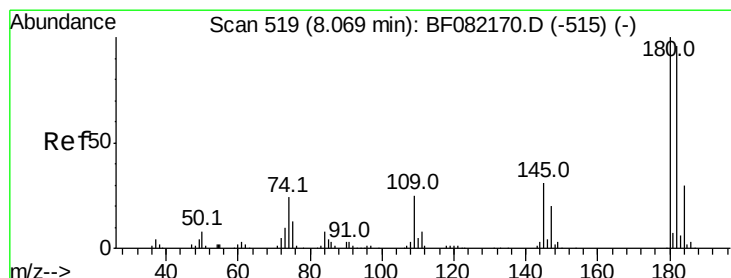
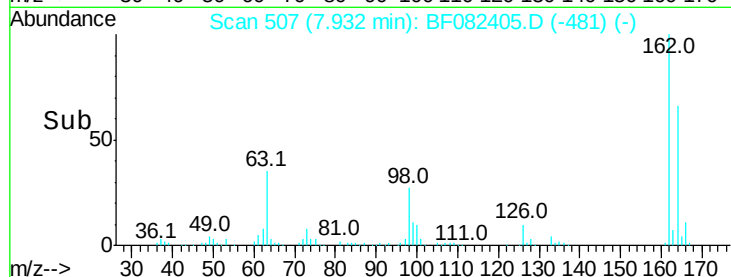
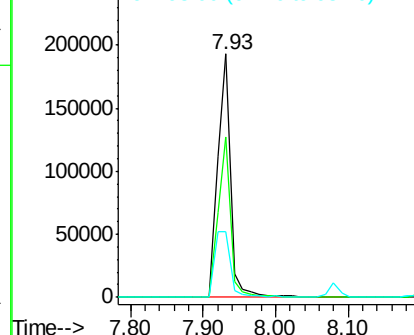
#29
 2,4-Dichlorophenol
 Concen: 44.95 ng
 RT: 7.93 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	44.6	84.6
98	27.2	15.0	55.0

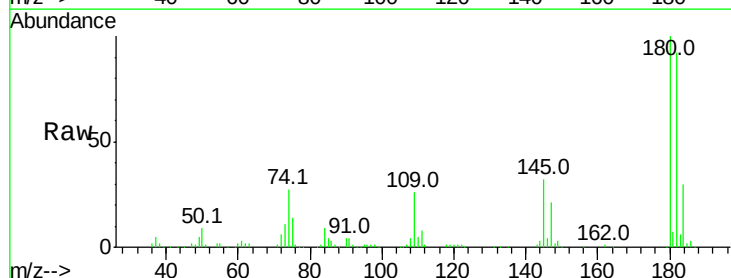


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

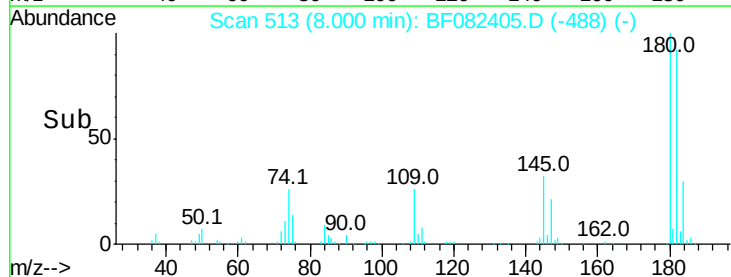
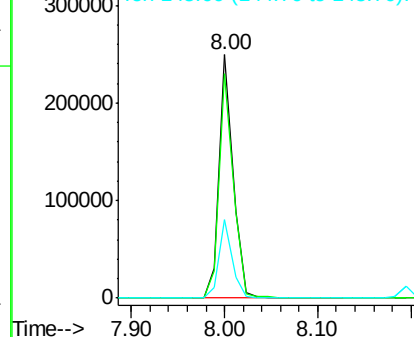


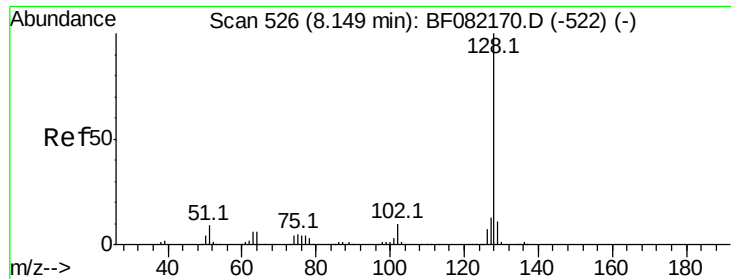
#30
 1,2,4-Trichlorobenzene
 Concen: 42.68 ng
 RT: 8.00 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.0	115.4
145	32.0	25.0	37.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

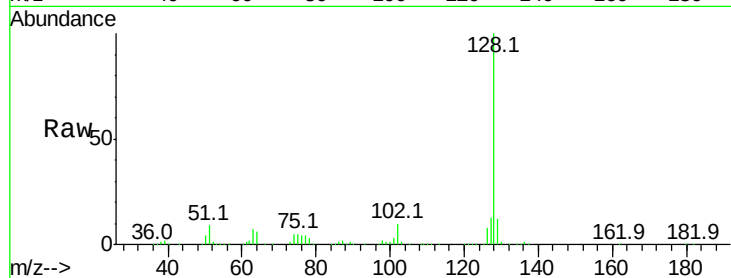




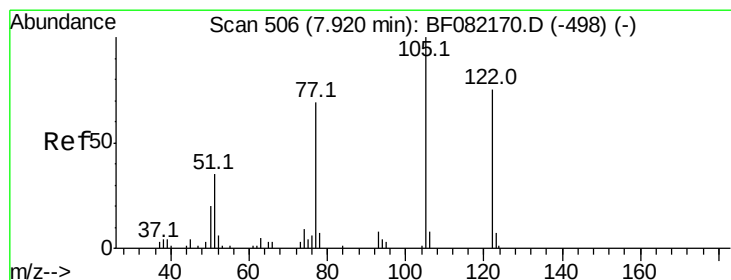
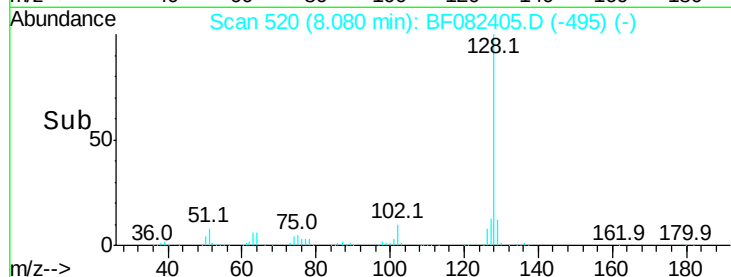
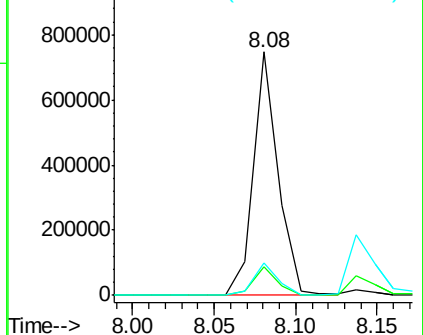
#31
Naphthalene
Concen: 44.71 ng
RT: 8.08 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

Tot Ion:128 Resp: 788856
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 10.7 16.1

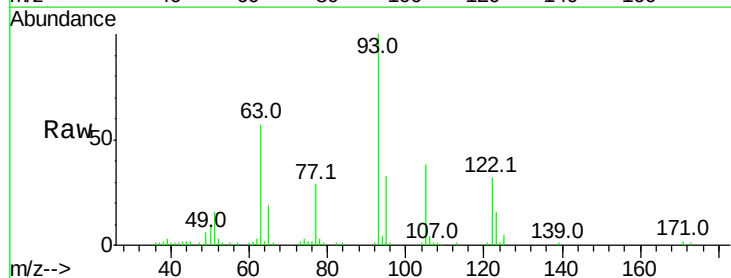


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

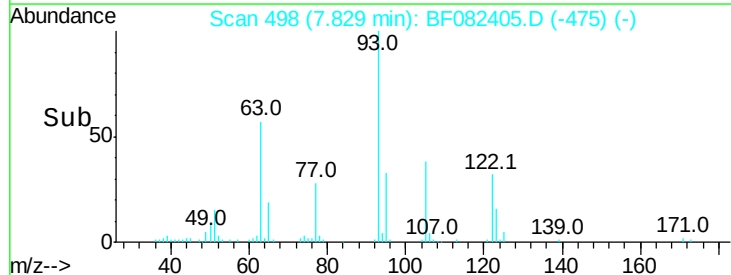
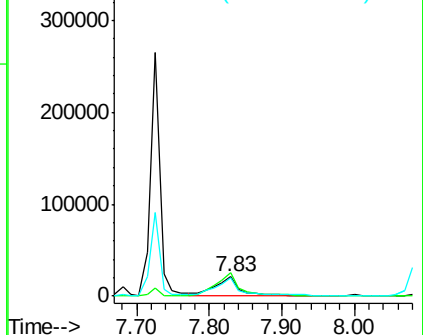


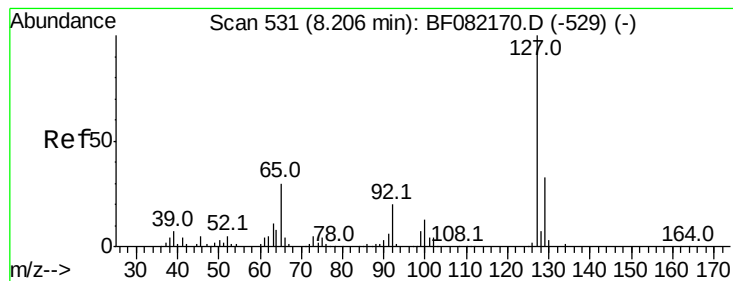
#32
Benzoic acid
Concen: 14.29 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.03 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:122 Resp: 50624
Ion Ratio Lower Upper
122 100
105 119.1 104.4 144.4
77 91.1 69.0 109.0



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: 32.49 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

Tot Ion:127 Resp: 238056

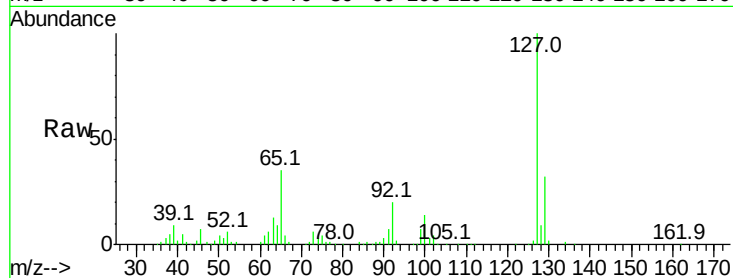
Ion Ratio Lower Upper

127 100

129 31.8 26.3 39.5

65 35.2 24.4 36.6

92 20.3 15.7 23.5

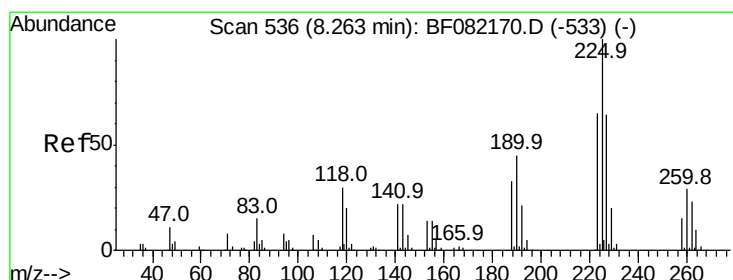
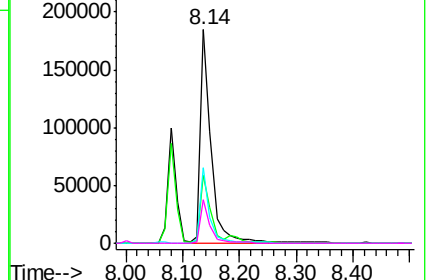
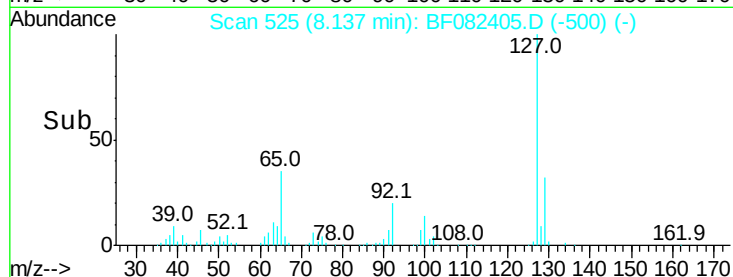


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.93 ng

RT: 8.19 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

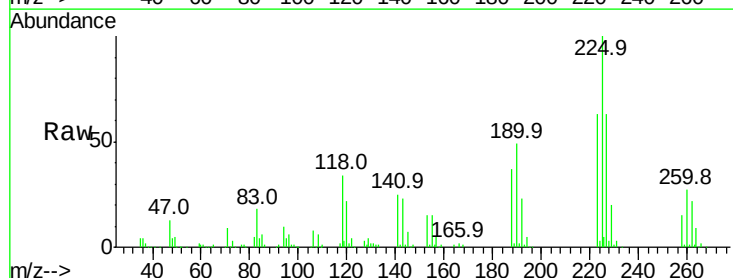
Tgt Ion:225 Resp: 155109

Ion Ratio Lower Upper

225 100

223 63.3 52.2 78.2

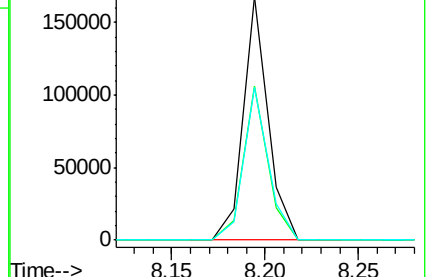
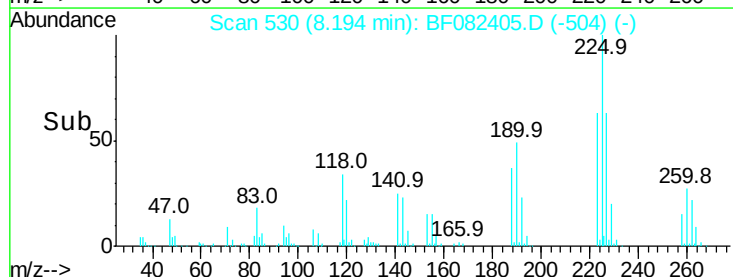
227 62.8 51.3 76.9

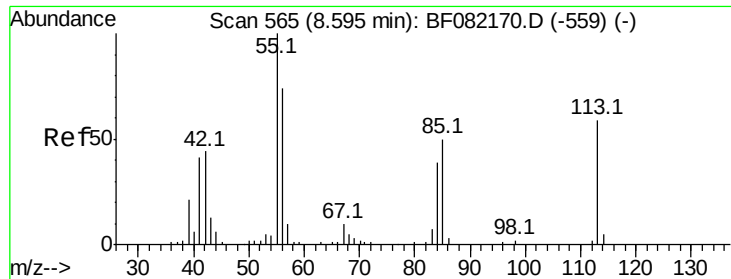


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.75 ng

RT: 8.51 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

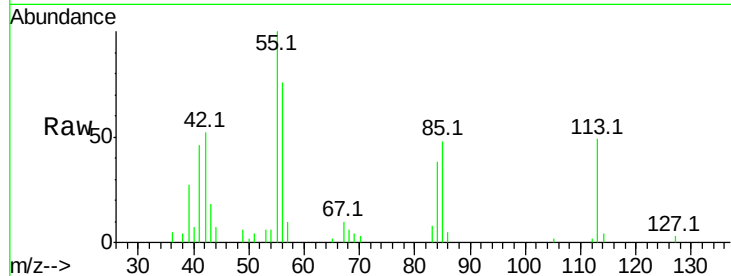
Tot Ion:113 Resp: 11871

Ion Ratio Lower Upper

113 100

55 203.5 149.7 189.7#

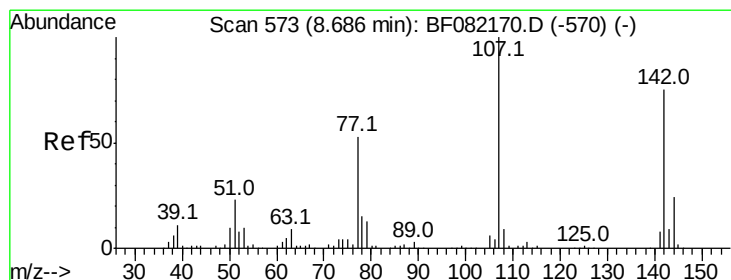
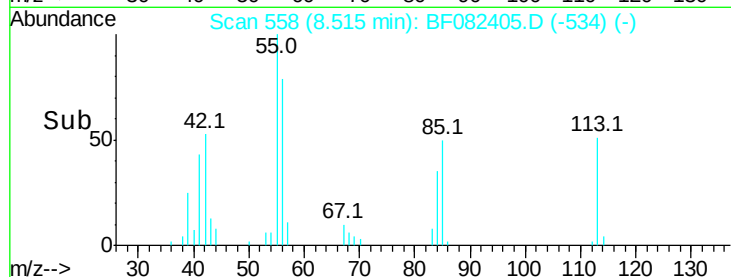
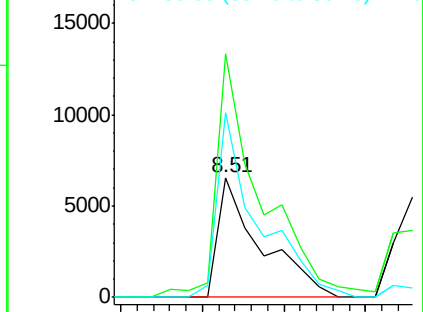
56 154.8 105.4 145.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.56 ng

RT: 8.63 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

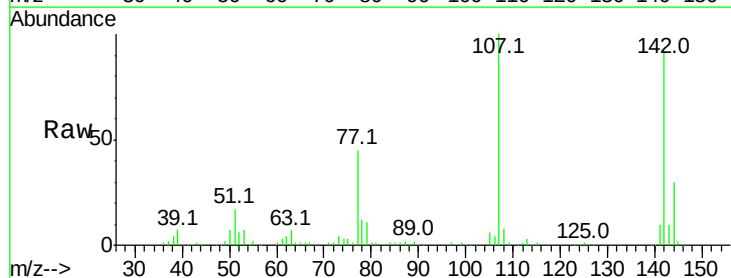
Tgt Ion:107 Resp: 224736

Ion Ratio Lower Upper

107 100

144 29.7 19.3 28.9#

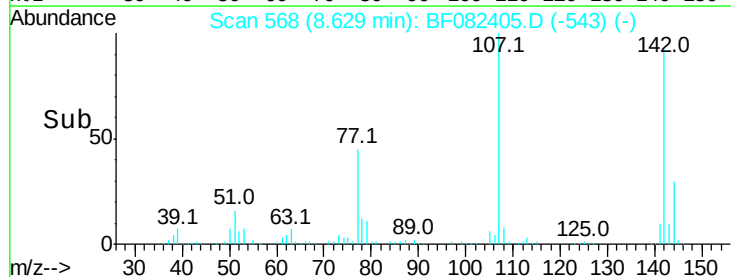
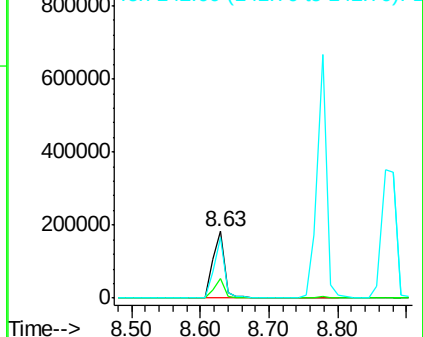
142 91.9 59.9 89.9#

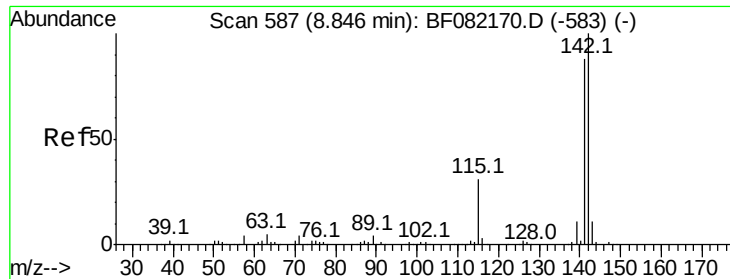


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

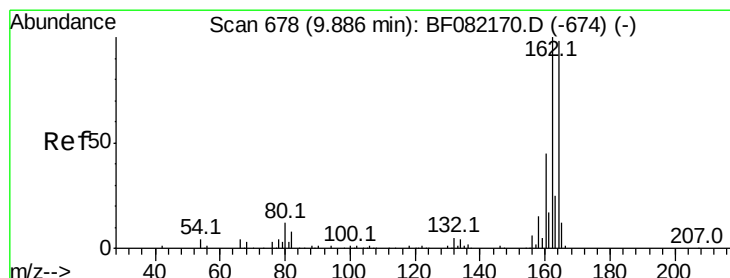
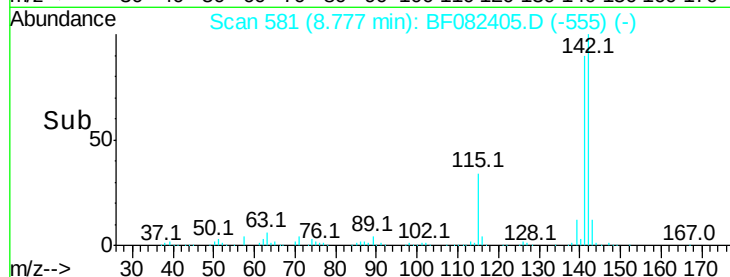
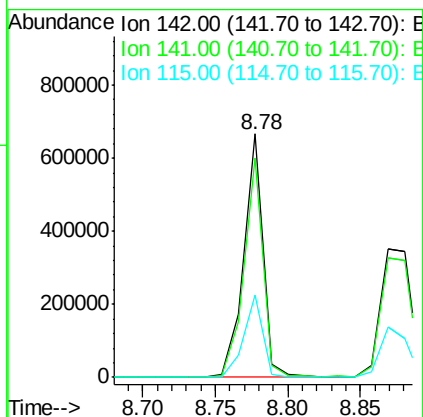
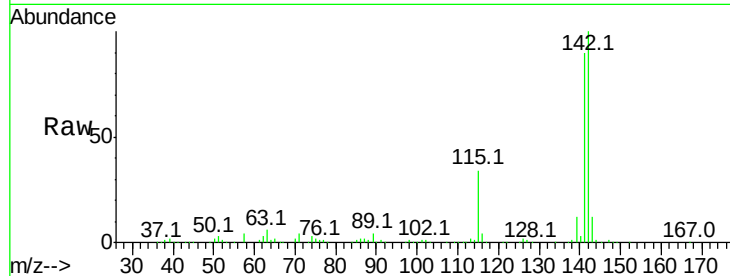




#37
2-Methylnaphthalene
Concen: 50.15 ng
RT: 8.78 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

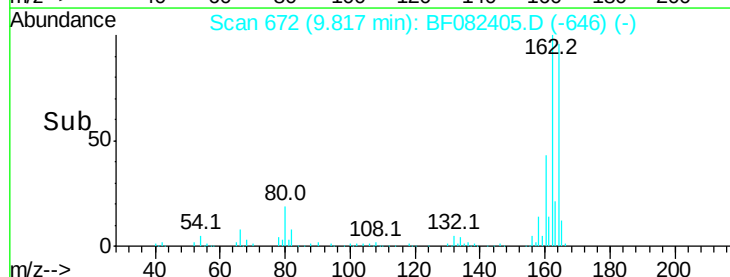
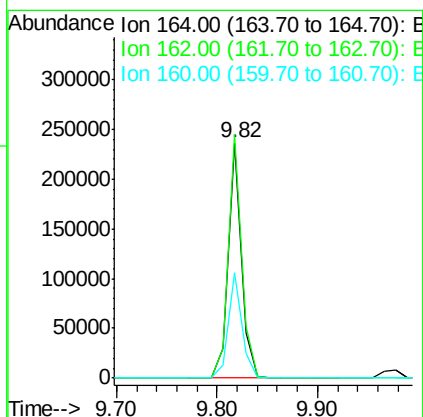
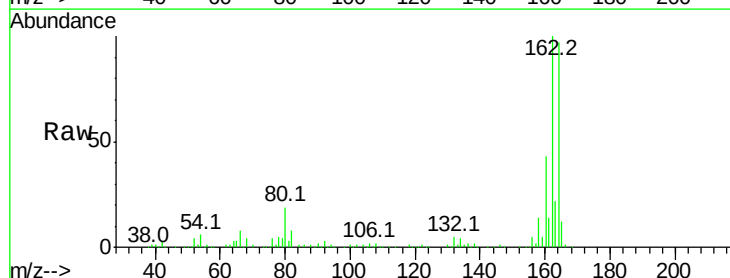
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

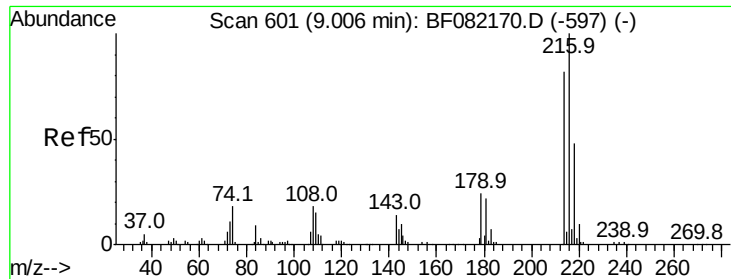
Tot Ion:142 Resp: 613404
Ion Ratio Lower Upper
142 100
141 90.0 70.4 105.6
115 33.8 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:164 Resp: 216045
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 44.7 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.62 ng

RT: 8.95 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

Tot Ion:216 Resp: 267477

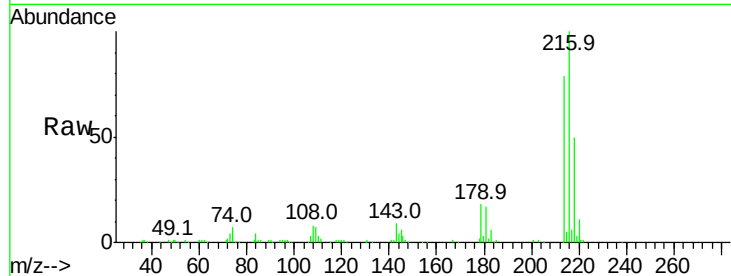
Ion Ratio Lower Upper

216 100

214 80.4 64.6 97.0

179 21.1 17.6 26.4

108 18.5 14.5 21.7

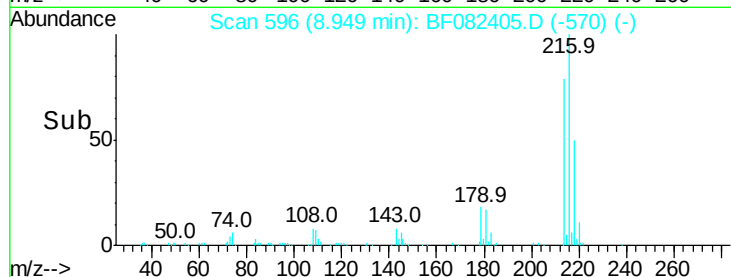


Abundance Ion 216.00 (215.70 to 216.70): E

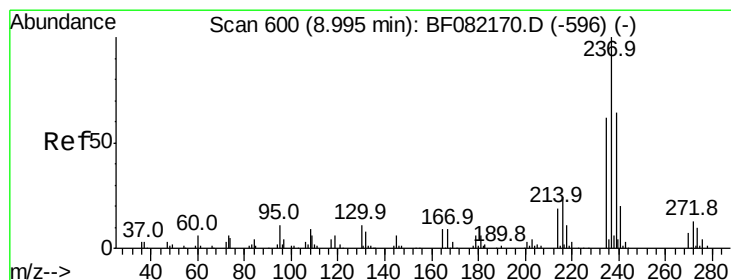
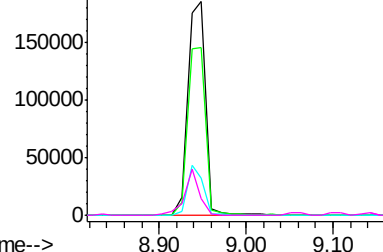
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 65.89 ng

RT: 8.93 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

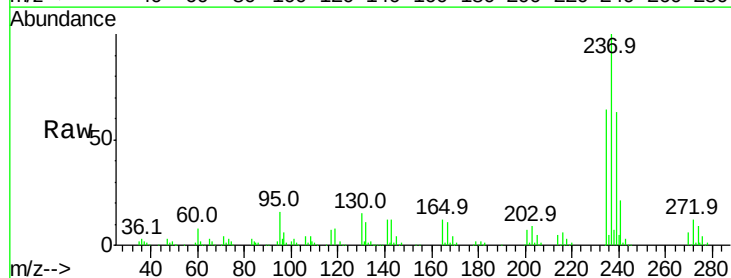
Tgt Ion:237 Resp: 208942

Ion Ratio Lower Upper

237 100

235 63.9 41.7 81.7

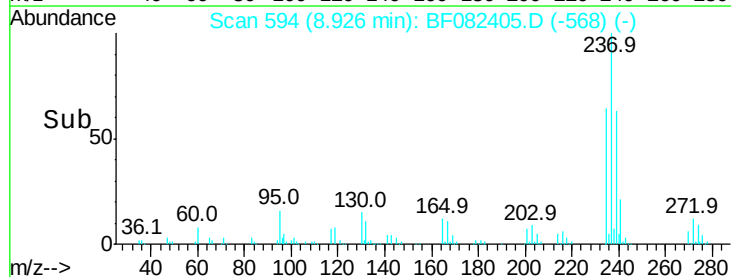
272 11.8 0.0 32.8



Abundance Ion 236.80 (236.50 to 237.50): E

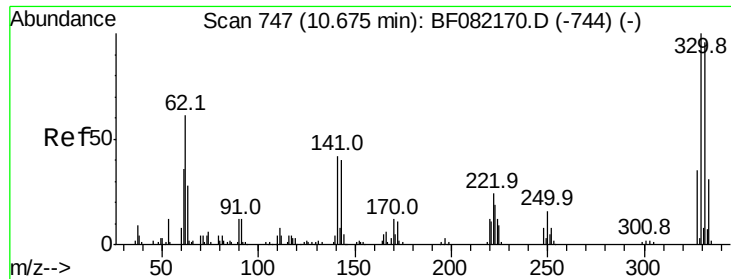
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

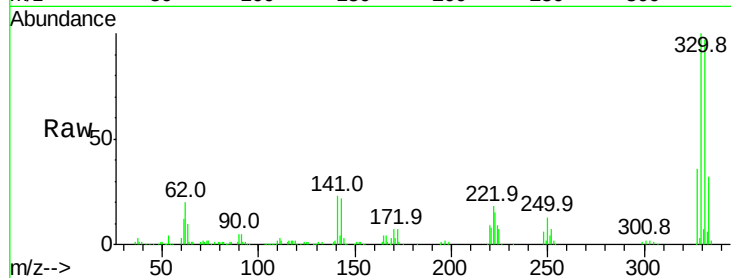




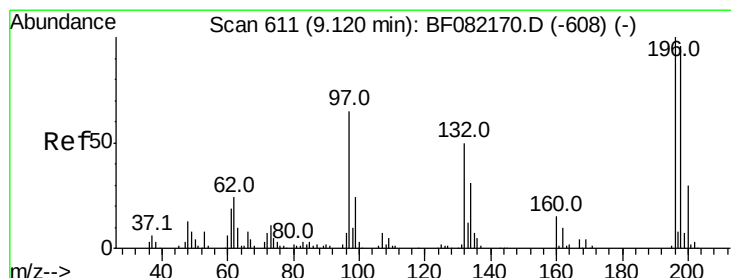
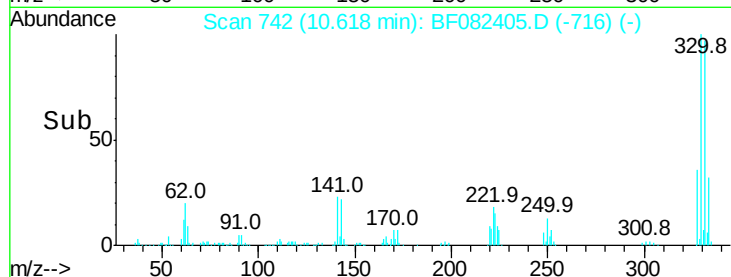
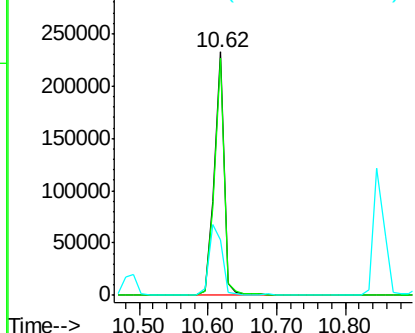
#41
 2,4,6-Tribromophenol
 Concen: 119.42 ng
 RT: 10.62 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	37.6	29.8	44.8

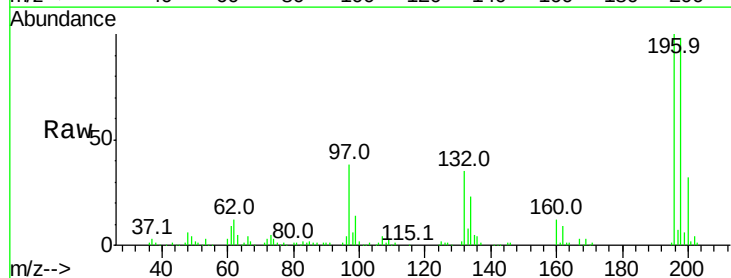


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

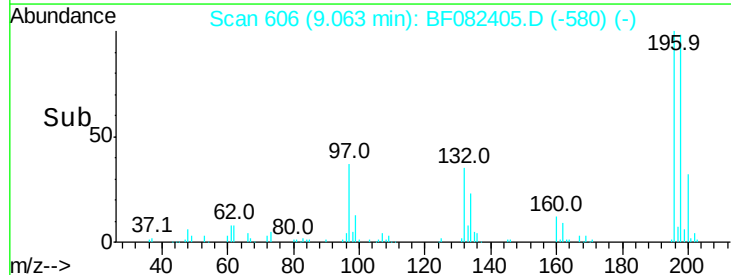
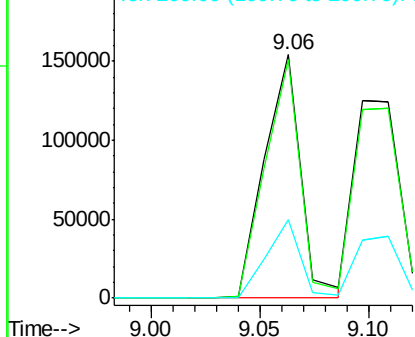


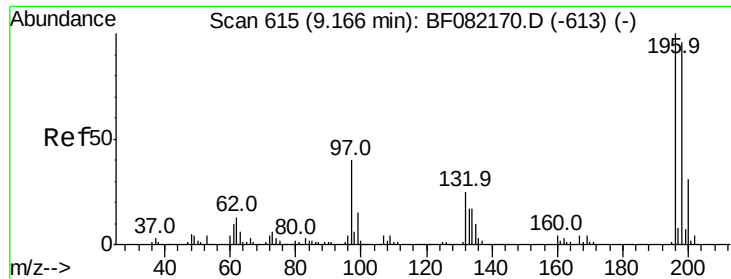
#42
 2,4,6-Trichlorophenol
 Concen: 41.98 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.6	115.0
200	32.3	23.7	35.5



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

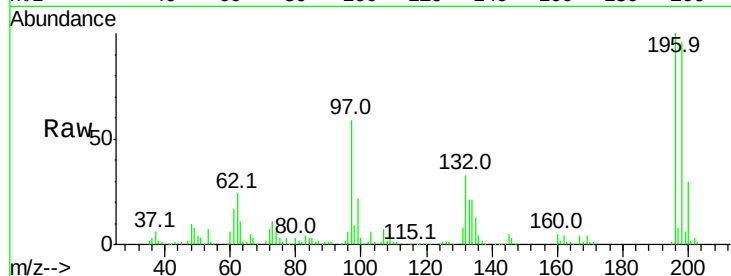




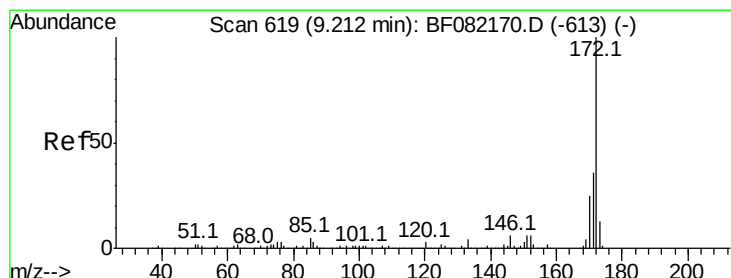
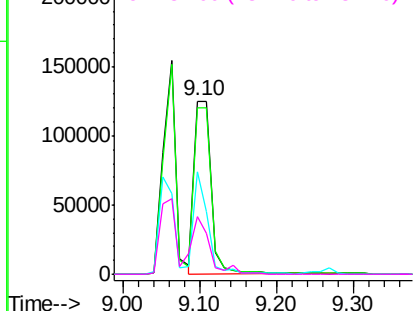
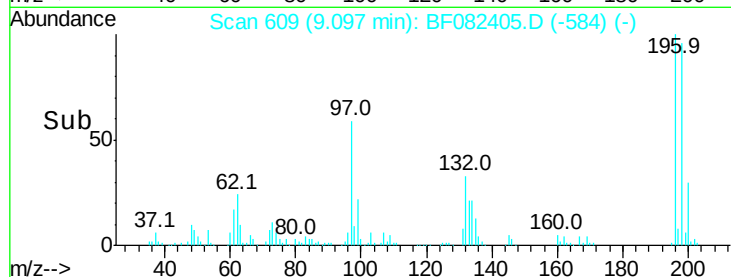
#43
 2,4,5-Trichlorophenol
 Concen: 41.58 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

Tot Ion:196 Resp: 192249
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.0 115.4
 97 59.4 31.9 47.9#
 132 33.5 20.3 30.5#

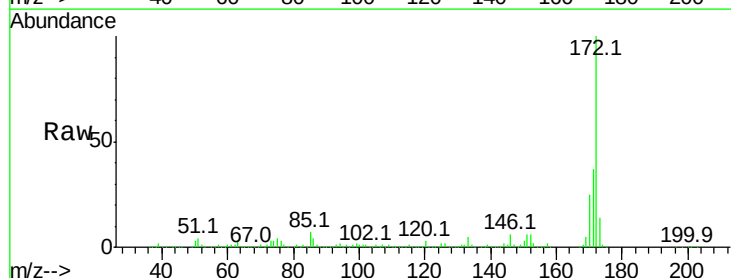


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

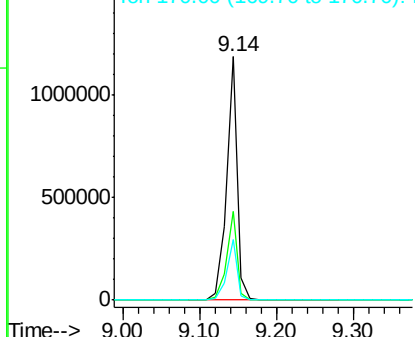
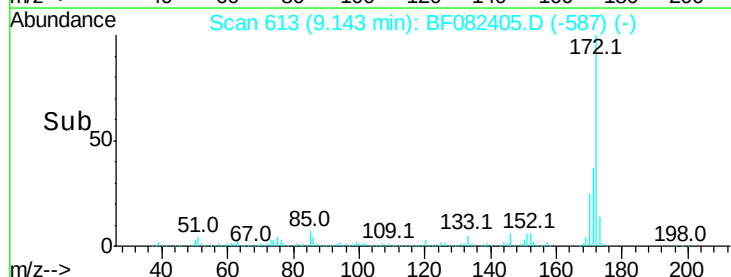


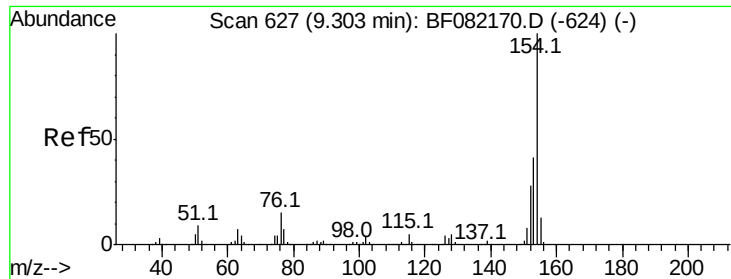
#44
 2-Fluorobiphenyl
 Concen: 90.00 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion:172 Resp: 1172464
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 25.0 19.7 29.5



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: 45.51 ng

RT: 9.25 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

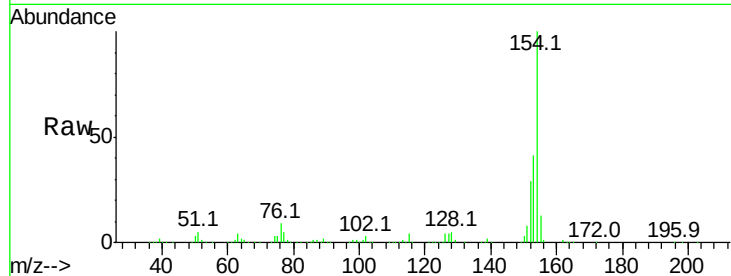
Tot Ion:154 Resp: 749694

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

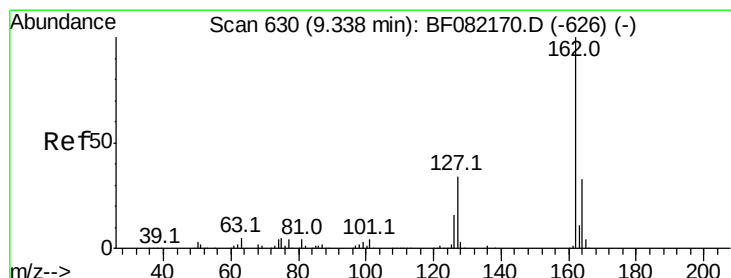
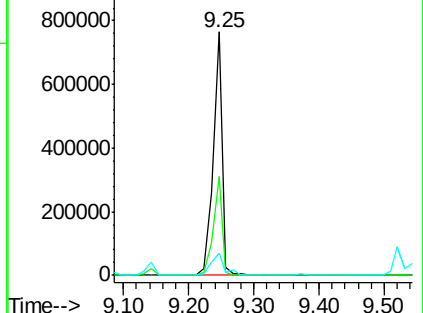
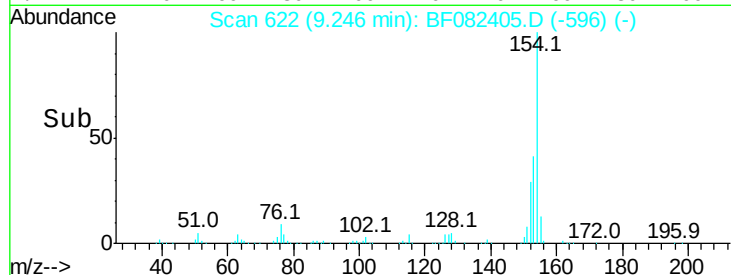
76 9.3 0.0 35.2



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: 44.87 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

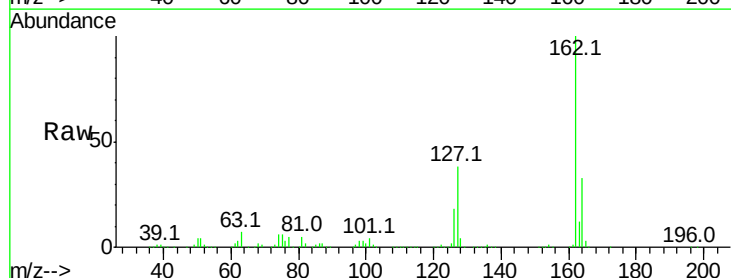
Tgt Ion:162 Resp: 581953

Ion Ratio Lower Upper

162 100

127 37.7 27.5 41.3

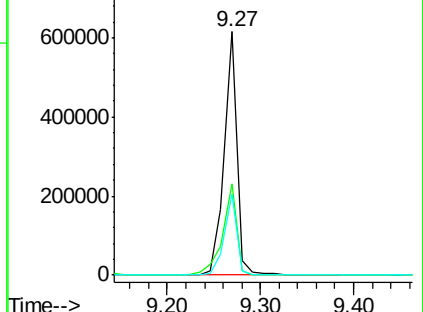
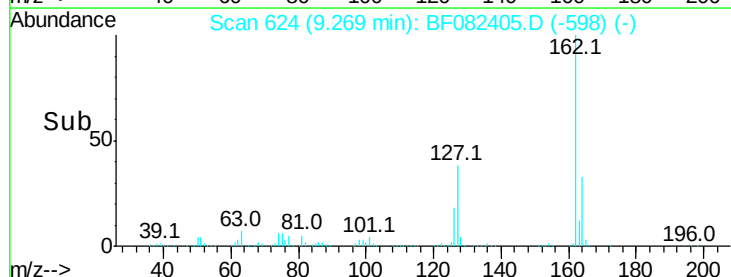
164 33.1 26.6 39.8

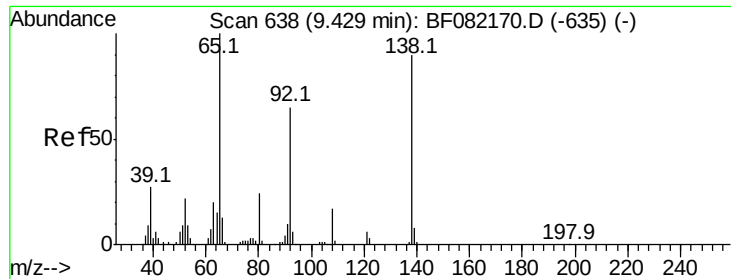


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

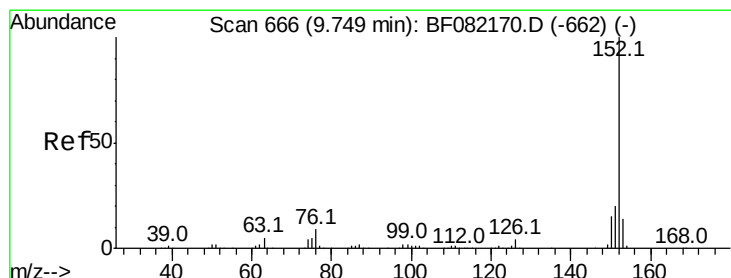
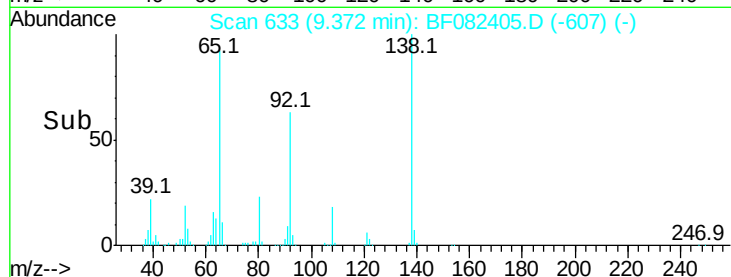
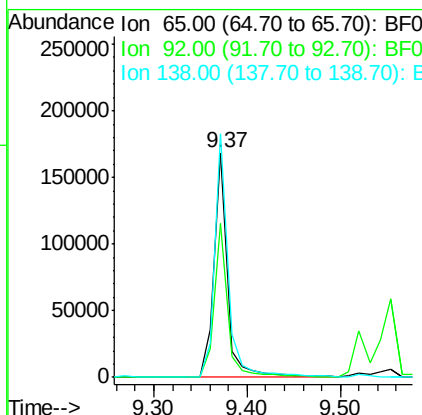
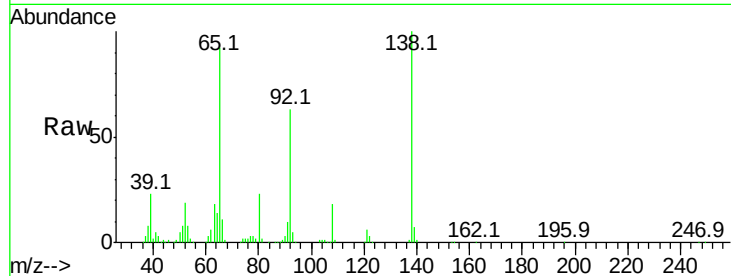




#47
2-Nitroaniline
Concen: 48.18 ng
RT: 9.37 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

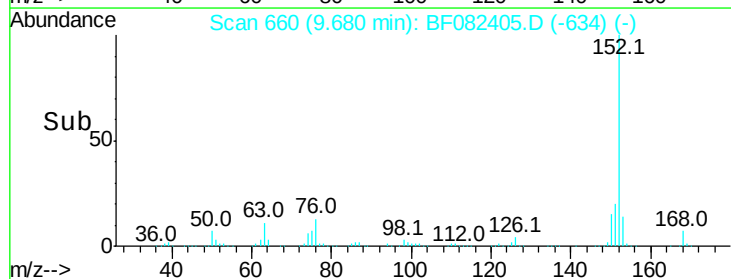
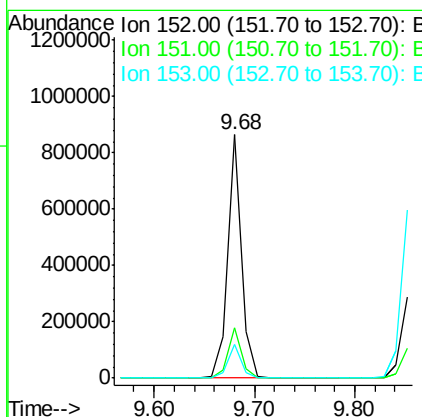
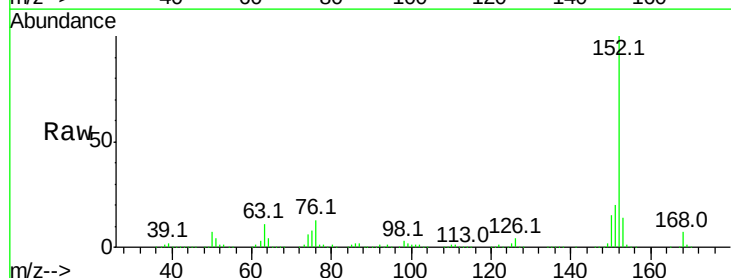
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

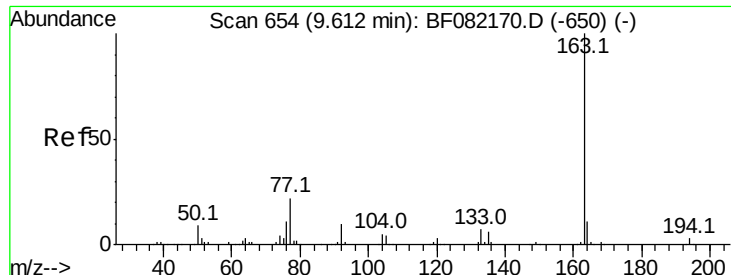
Tot Ion: 65 Resp: 171529
Ion Ratio Lower Upper
65 100
92 68.2 52.3 78.5
138 108.2 72.2 108.4



#48
Acenaphthylene
Concen: 40.74 ng
RT: 9.68 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion: 152 Resp: 823170
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.9 10.8 16.2





#49

Dimethylphthalate

Concen: 49.99 ng

RT: 9.55 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

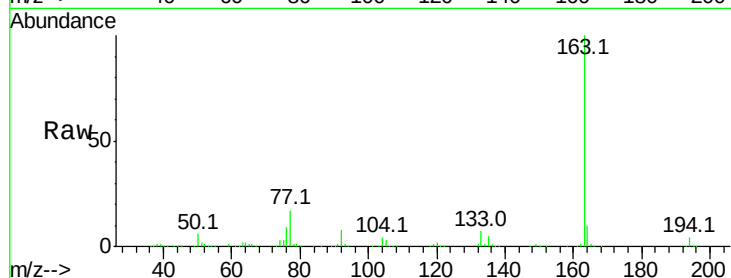
Tot Ion:163 Resp: 760570

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

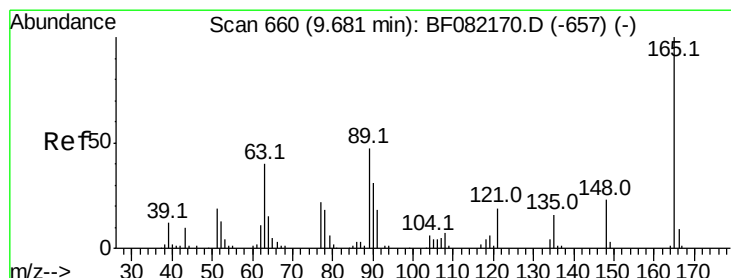
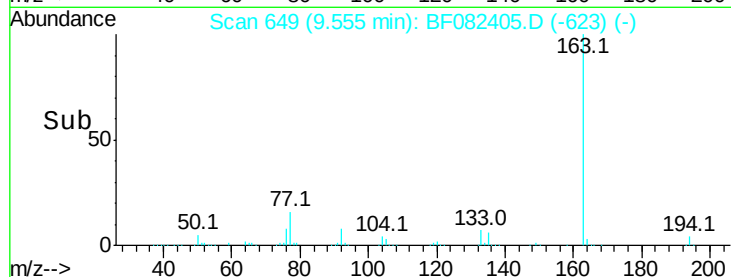
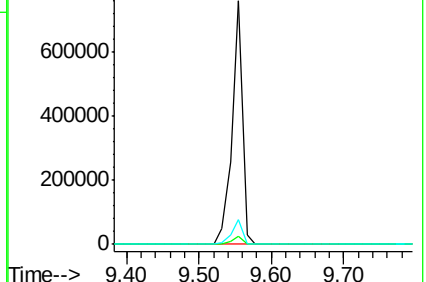
164 10.3 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.58 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

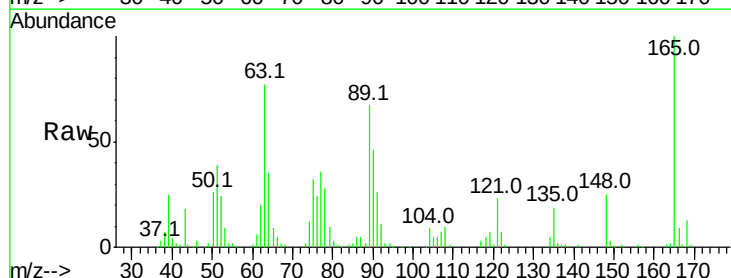
Tgt Ion:165 Resp: 139879

Ion Ratio Lower Upper

165 100

63 76.6 36.7 55.1#

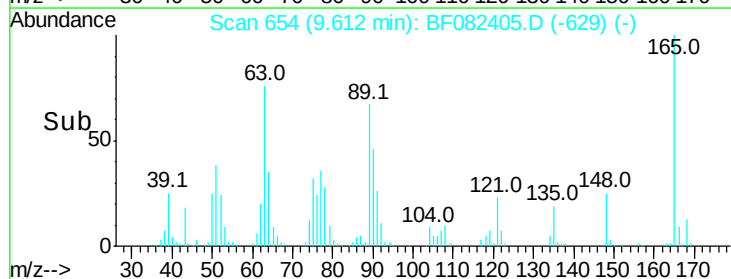
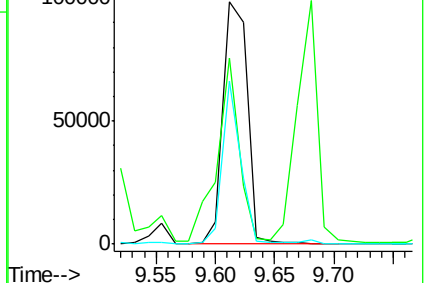
89 67.0 37.8 56.6#

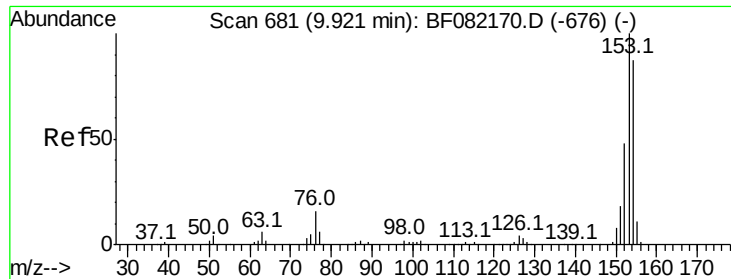


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.86 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

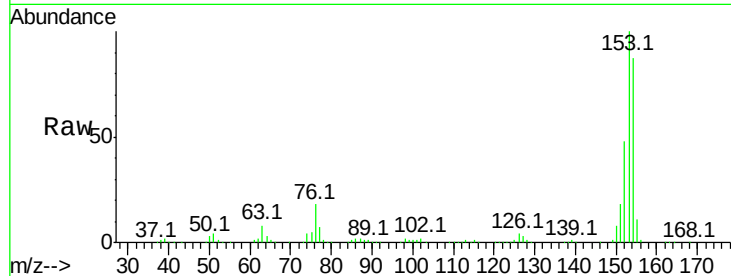
Tot Ion:154 Resp: 495525

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

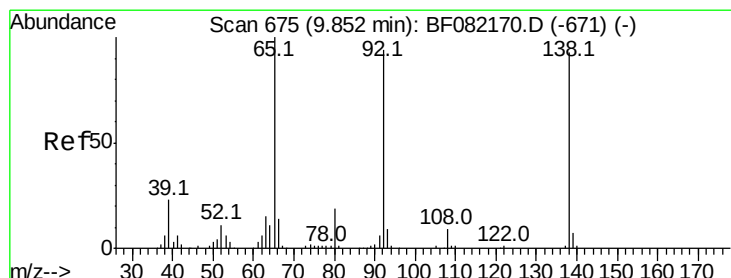
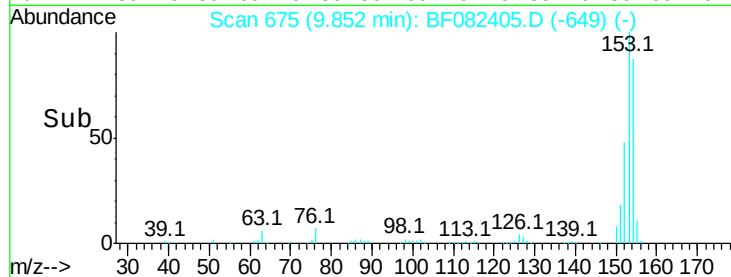
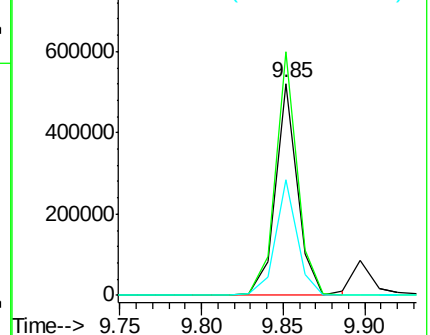
152 54.8 44.3 66.5



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: 28.94 ng

RT: 9.78 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

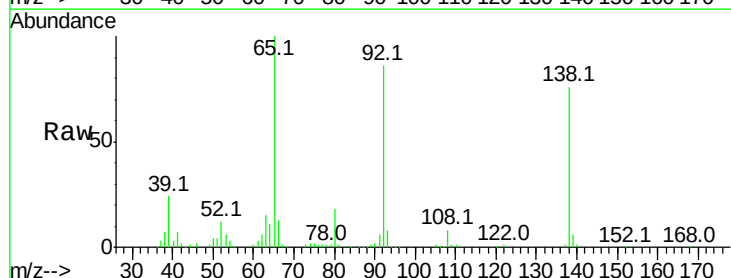
Tgt Ion:138 Resp: 104949

Ion Ratio Lower Upper

138 100

108 10.2 7.4 11.0

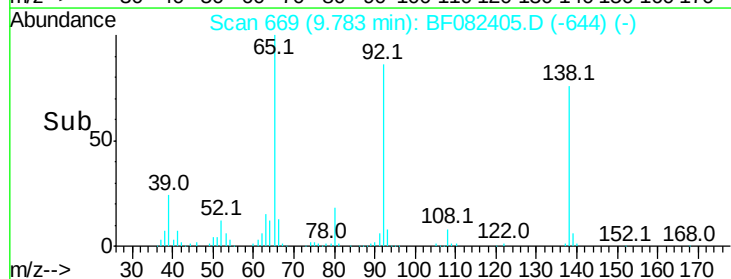
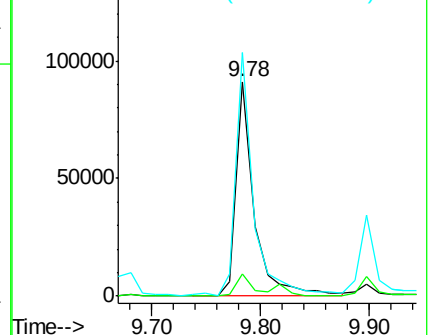
92 113.4 81.3 121.9

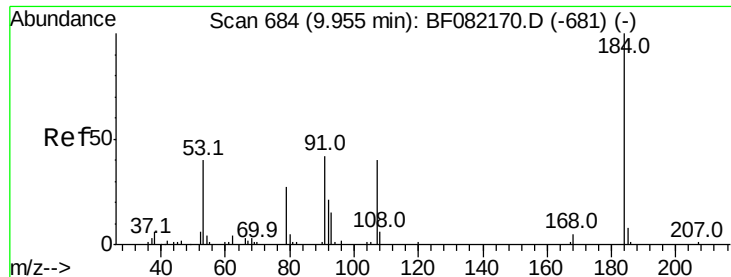


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

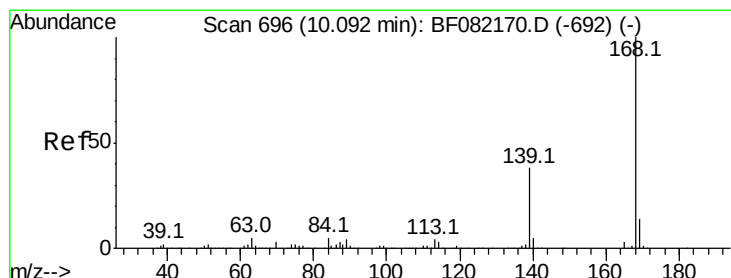
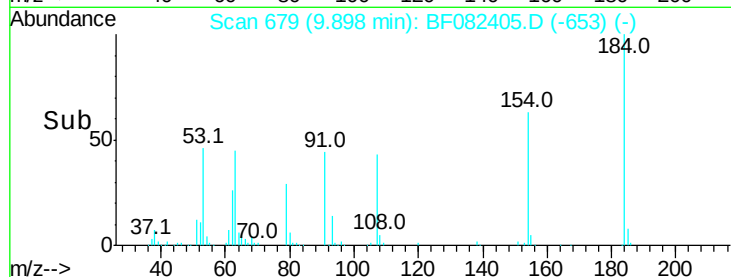
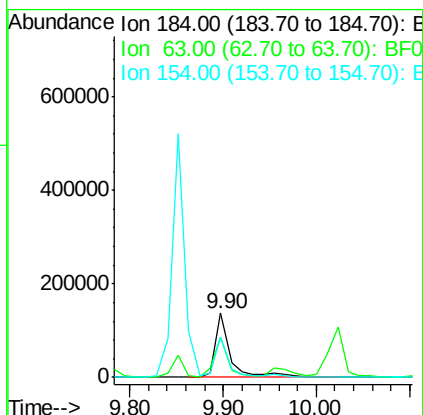
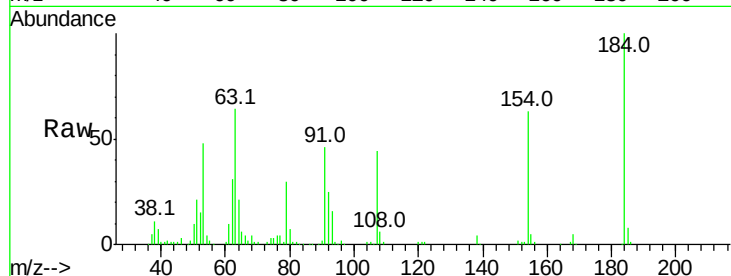




#53
 2,4-Dinitrophenol
 Concen: 84.95 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

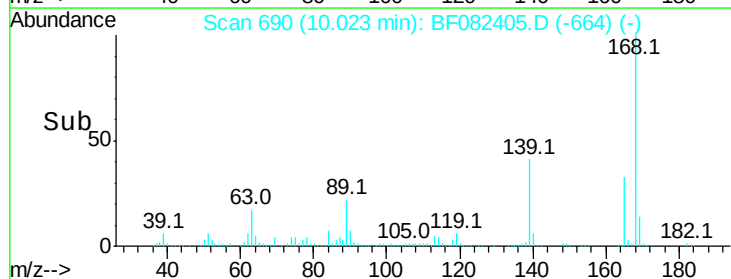
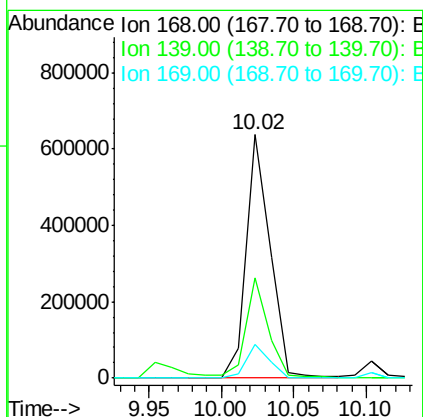
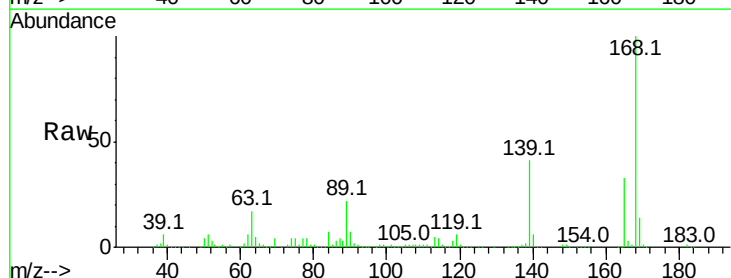
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

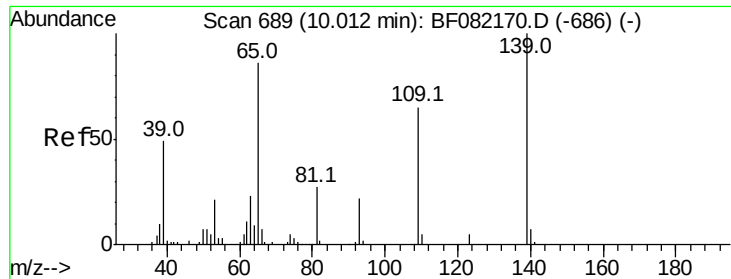
Tot Ion:184 Resp: 153157
 Ion Ratio Lower Upper
 184 100
 63 63.6 45.1 67.7
 154 62.7 51.2 76.8



#54
 Dibenzofuran
 Concen: 43.82 ng
 RT: 10.02 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion:168 Resp: 729711
 Ion Ratio Lower Upper
 168 100
 139 41.1 31.0 46.6
 169 14.0 10.9 16.3

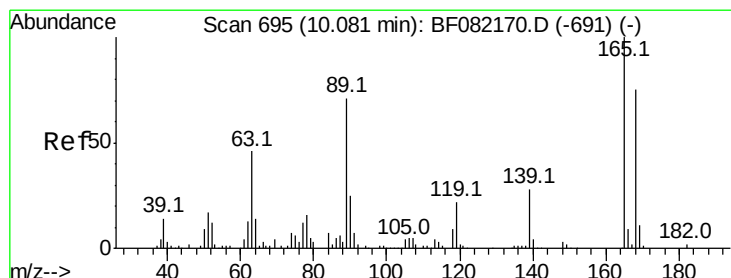
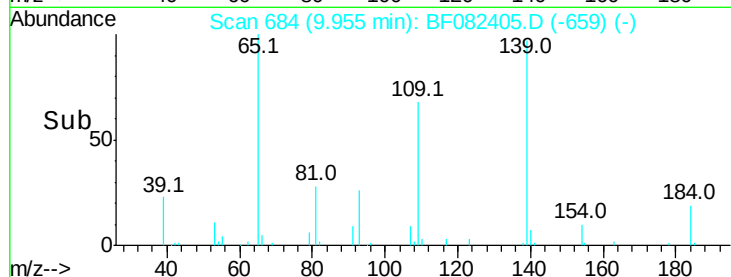
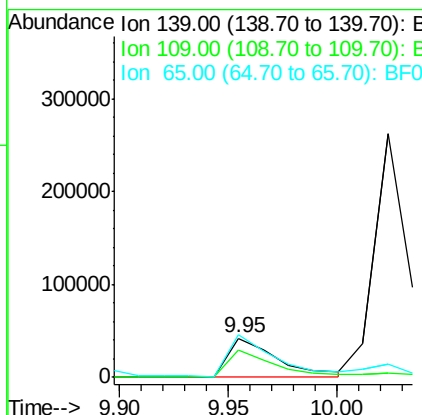
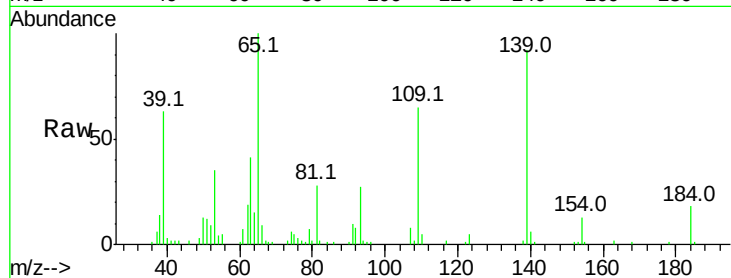




#55
4-Nitrophenol
Concen: 34.39 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

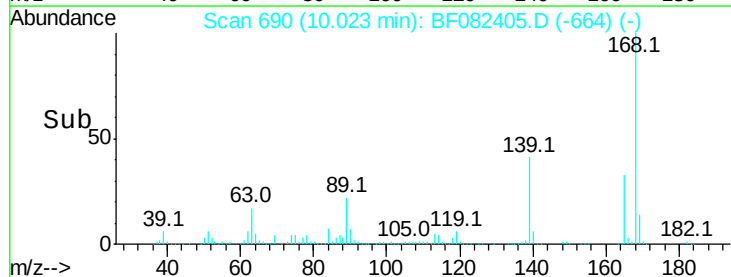
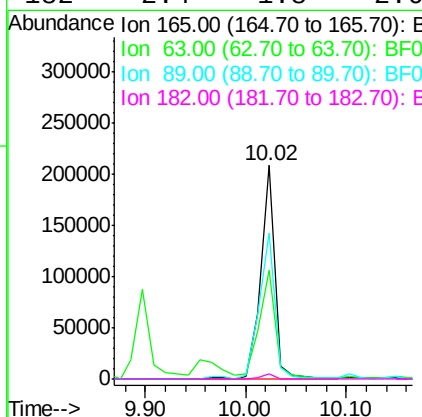
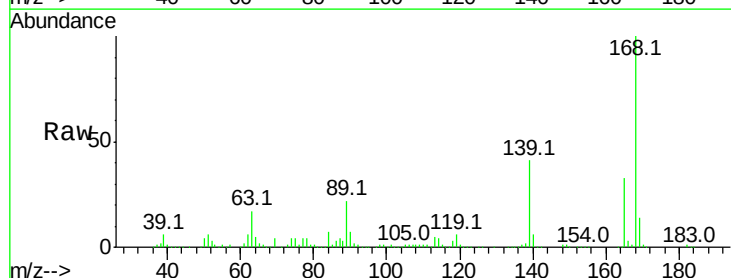
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

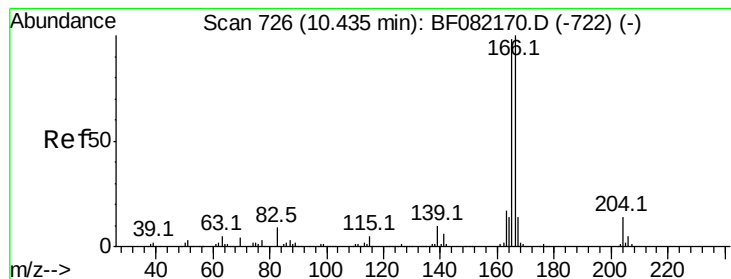
Tot Ion:139 Resp: 67029
Ion Ratio Lower Upper
139 100
109 70.8 44.8 84.8
65 108.4 67.7 107.7#



#56
2,4-Dinitrotoluene
Concen: 51.15 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:165 Resp: 205212
Ion Ratio Lower Upper
165 100
63 51.1 38.6 58.0
89 68.4 57.0 85.6
182 2.4 1.8 2.6





#57

Fluorene

Concen: 43.85 ng

RT: 10.37 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

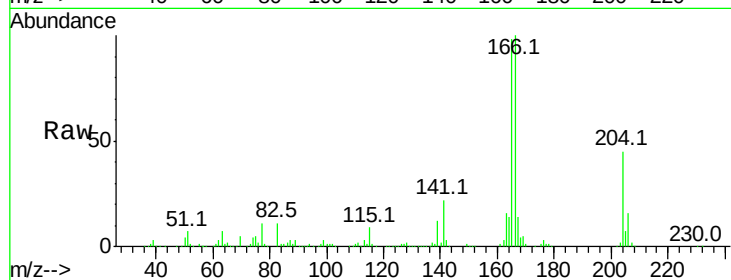
Tot Ion:166 Resp: 599760

Ion Ratio Lower Upper

166 100

165 97.6 78.3 117.5

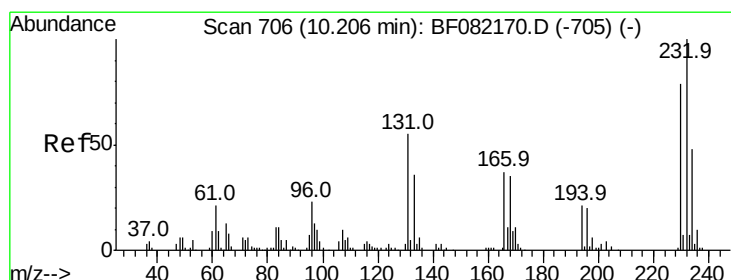
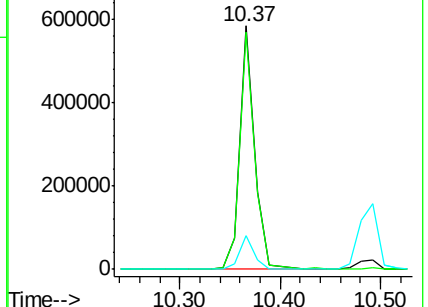
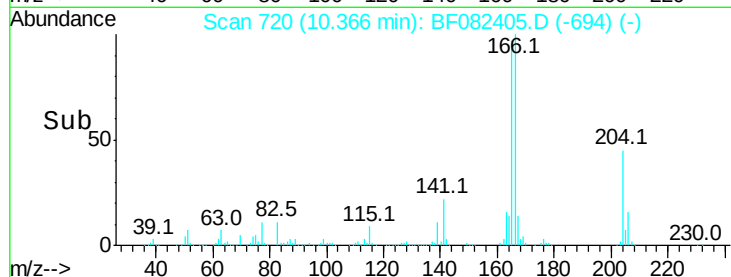
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.44 ng

RT: 10.15 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Tgt Ion:232 Resp: 164091

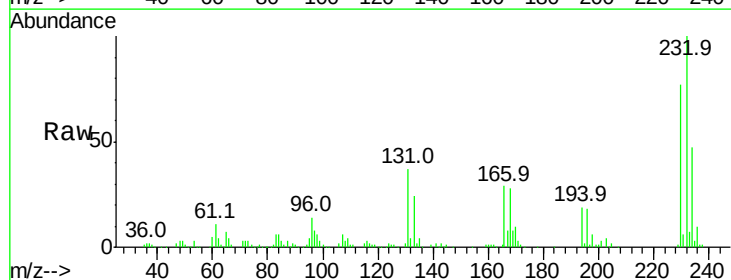
Ion Ratio Lower Upper

232 100

131 43.3 36.6 54.8

130 2.0 1.5 2.3

166 29.6 24.6 37.0

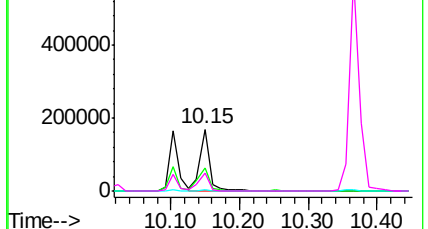
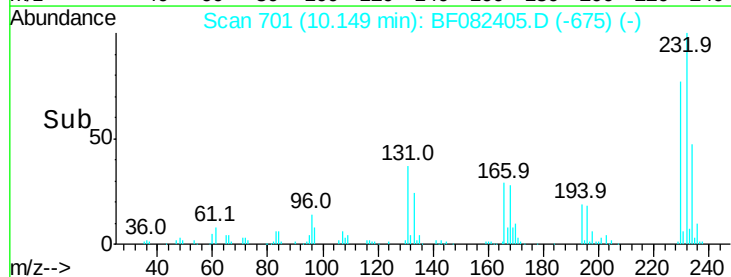


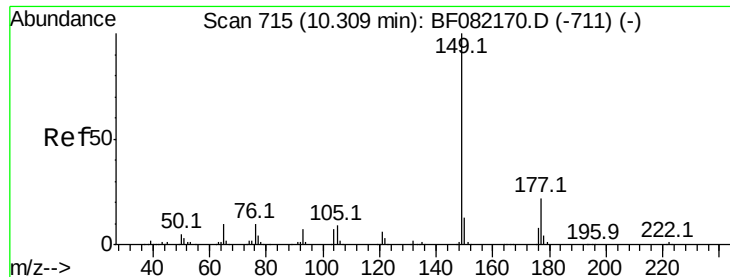
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

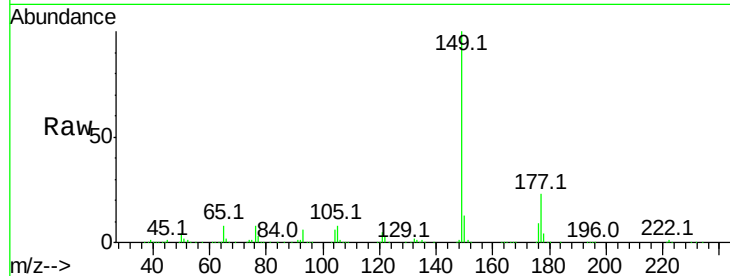




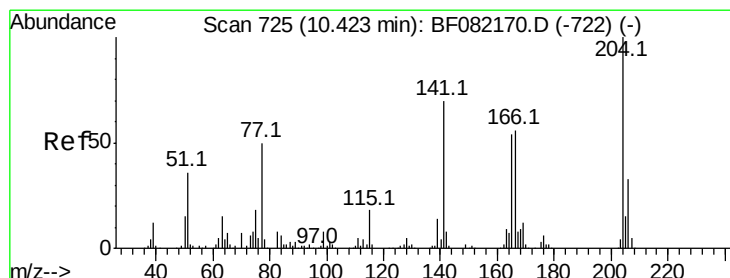
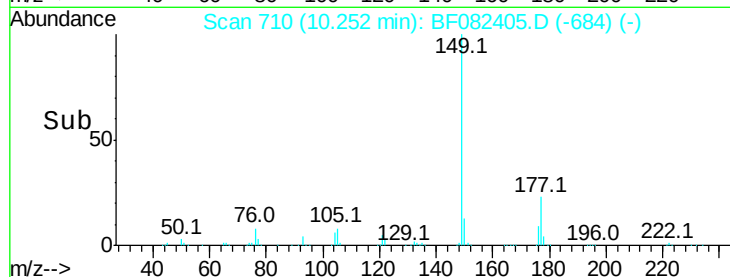
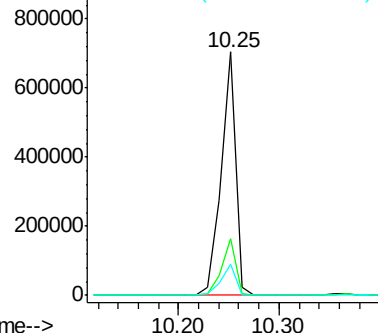
#59
Diethylphthalate
Concen: 50.06 ng
RT: 10.25 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

Tot Ion:149 Resp: 709835
Ion Ratio Lower Upper
149 100
177 23.4 17.6 26.4
150 12.7 10.3 15.5

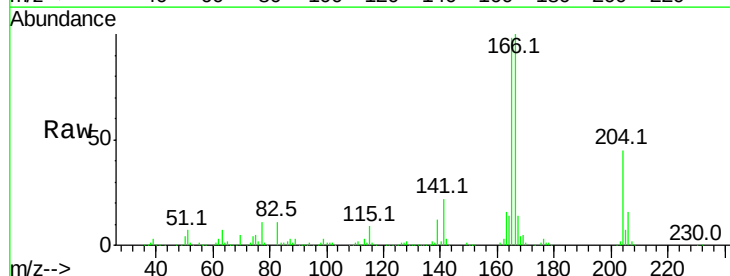


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

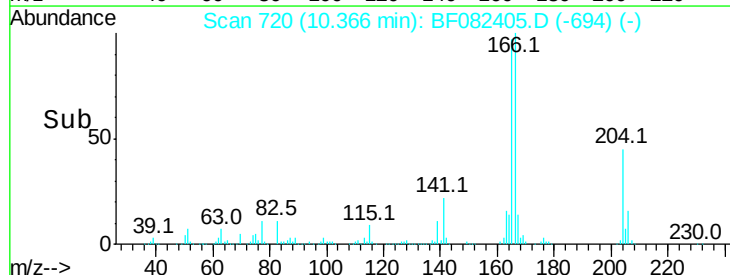
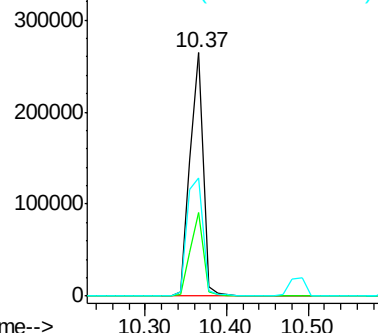


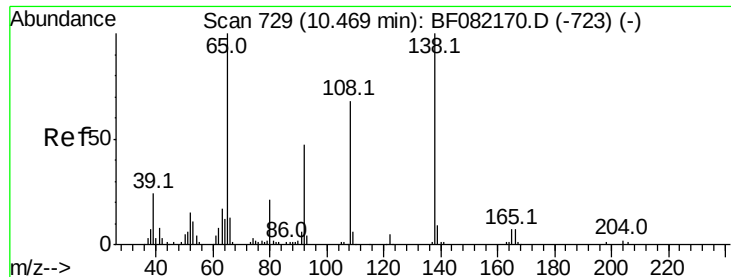
#60
4-Chlorophenyl-phenylether
Concen: 47.79 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:204 Resp: 299406
Ion Ratio Lower Upper
204 100
206 34.5 26.8 40.2
141 48.5 56.1 84.1#



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

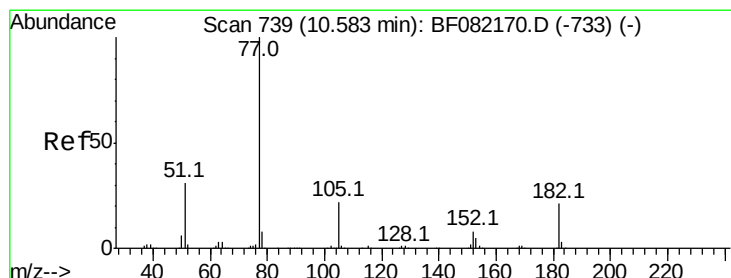
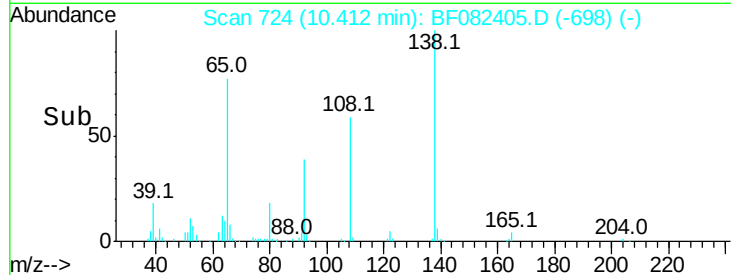
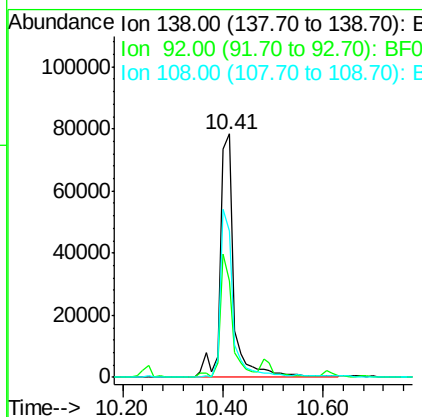
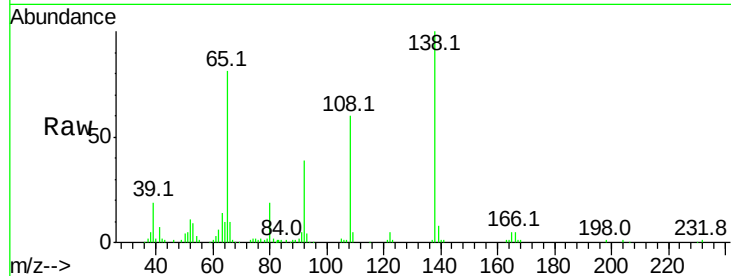




#61
 4-Nitroaniline
 Concen: 42.27 ng
 RT: 10.41 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

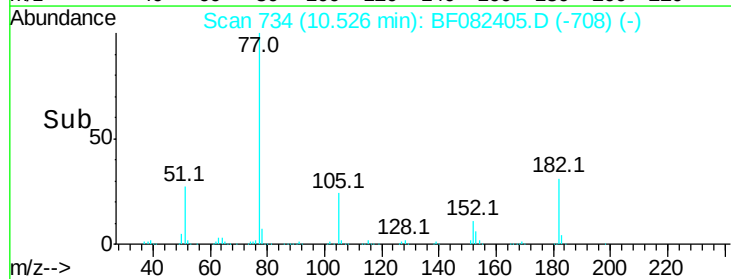
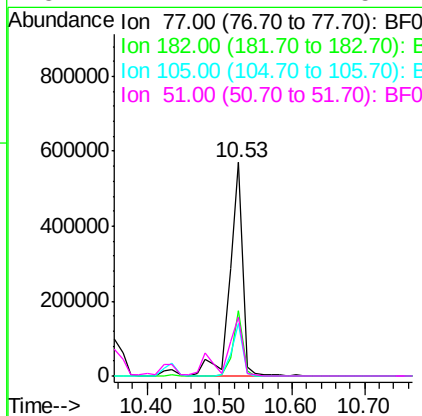
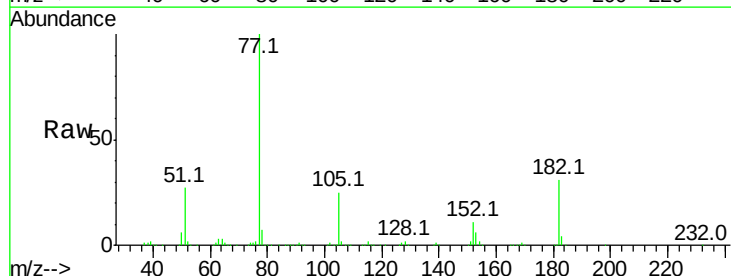
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

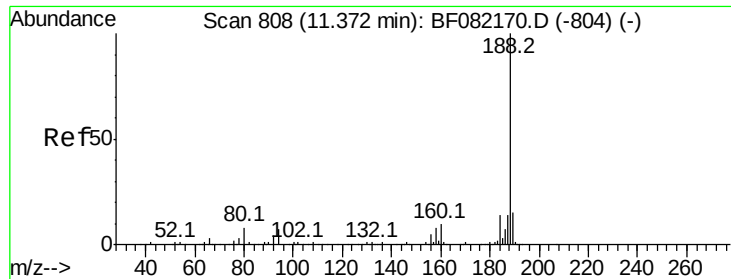
Tot Ion:138 Resp: 148681
 Ion Ratio Lower Upper
 138 100
 92 39.5 26.8 66.8
 108 59.9 48.4 88.4



#62
 Azobenzene
 Concen: 48.80 ng
 RT: 10.53 min Scan# 734
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion: 77 Resp: 677291
 Ion Ratio Lower Upper
 77 100
 182 30.9 0.5 40.5
 105 24.5 1.8 41.8
 51 27.4 11.2 51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

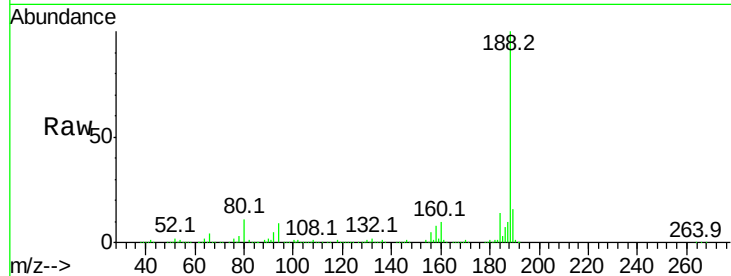
Tot Ion:188 Resp: 404160

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.6#

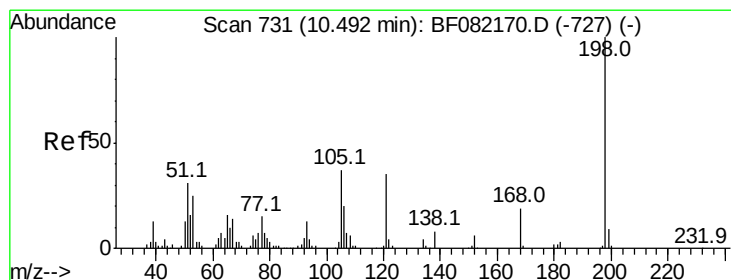
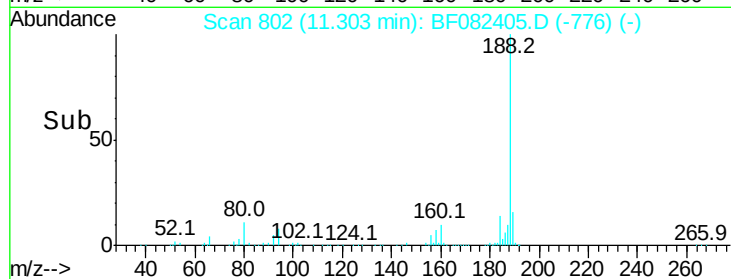
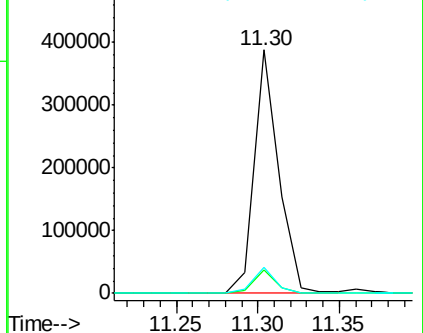
80 10.8 6.4 9.6#



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: 49.19 ng

RT: 10.43 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

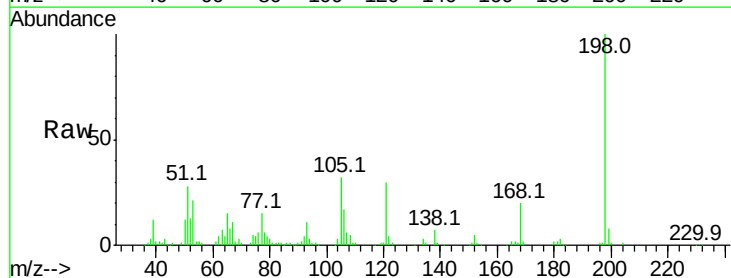
Tgt Ion:198 Resp: 111579

Ion Ratio Lower Upper

198 100

51 27.7 13.6 53.6

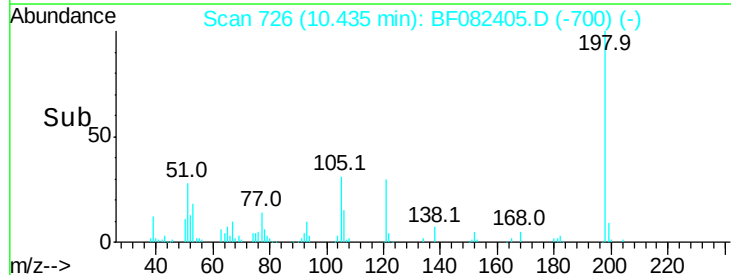
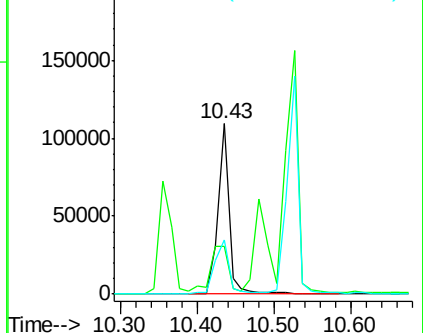
105 31.9 17.1 57.1

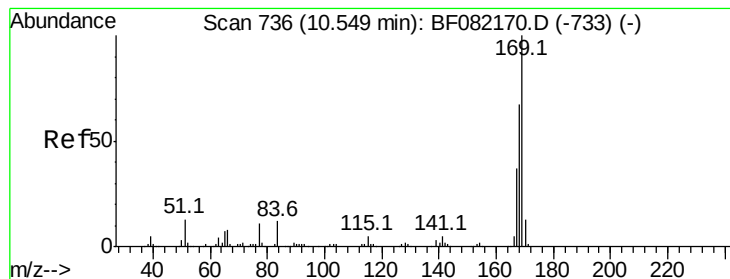


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.95 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

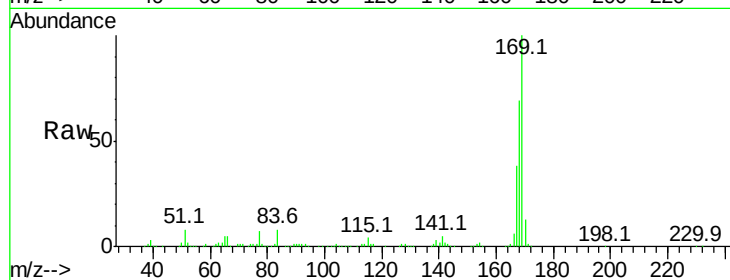
Tot Ion:169 Resp: 556034

Ion Ratio Lower Upper

169 100

168 68.7 54.0 81.0

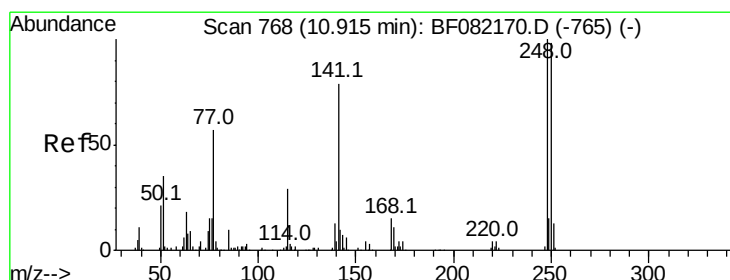
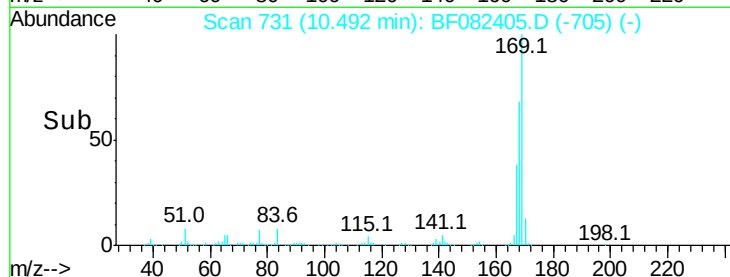
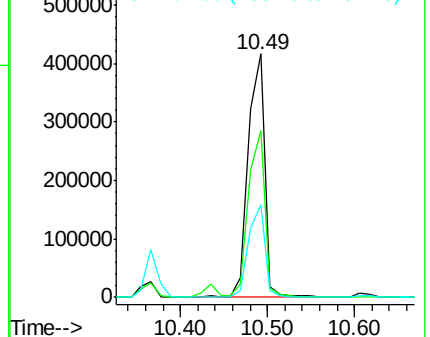
167 37.8 29.6 44.4



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: 44.67 ng

RT: 10.86 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

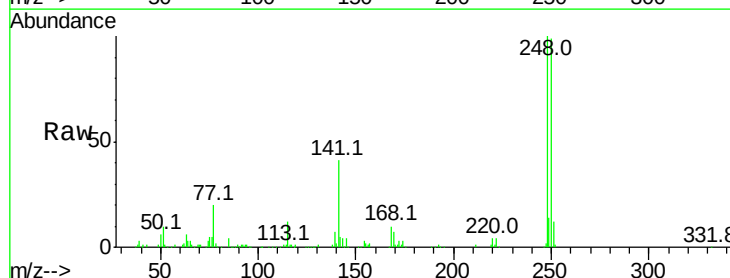
Tgt Ion:248 Resp: 180677

Ion Ratio Lower Upper

248 100

250 98.6 78.6 117.8

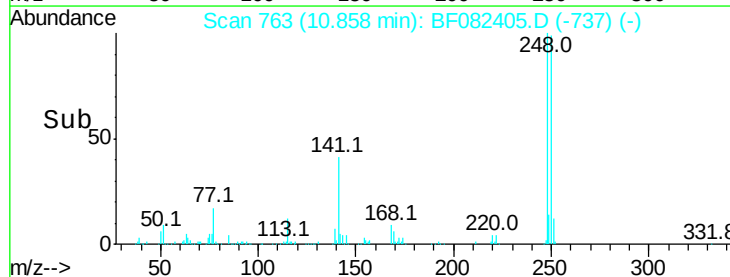
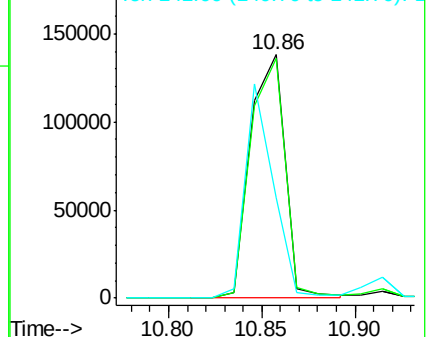
141 41.1 63.3 94.9#

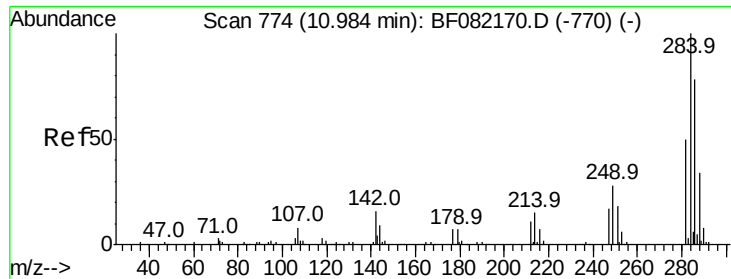


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

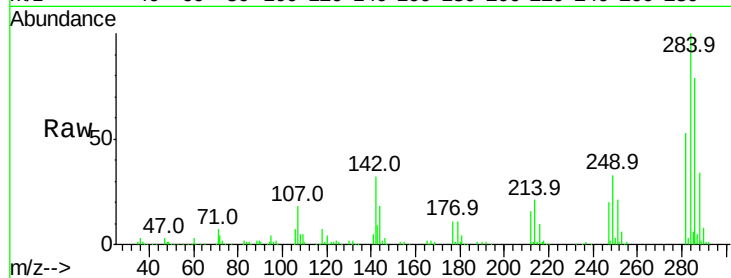




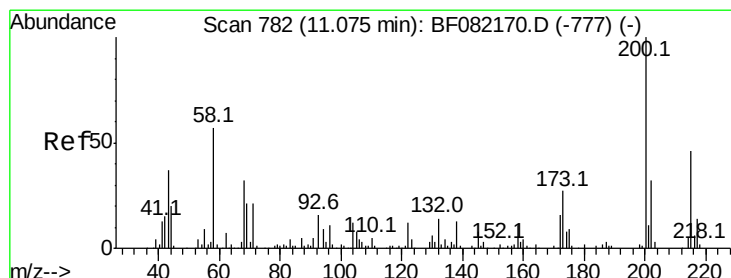
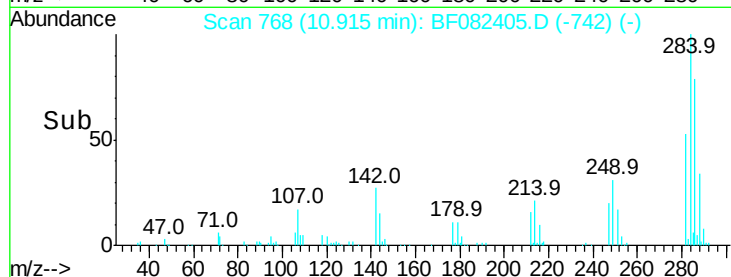
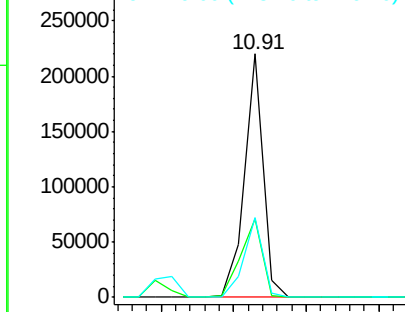
#67
Hexachlorobenzene
Concen: 44.79 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.0	13.0	19.6#
249	32.9	22.5	33.7

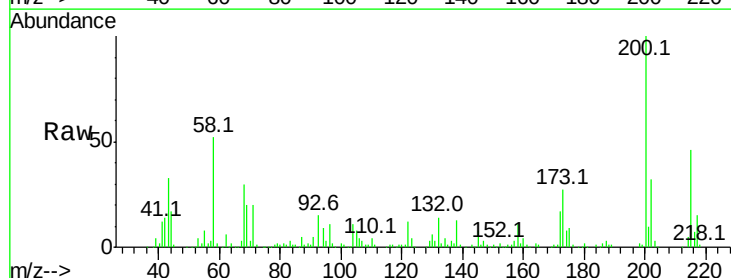


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

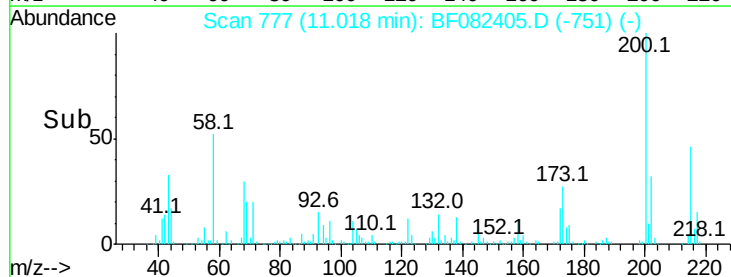
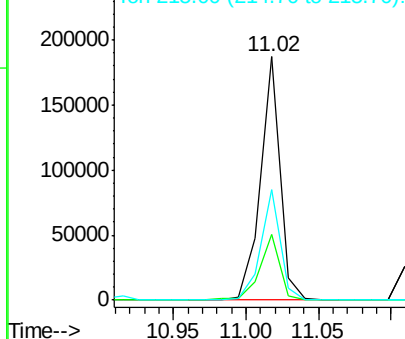


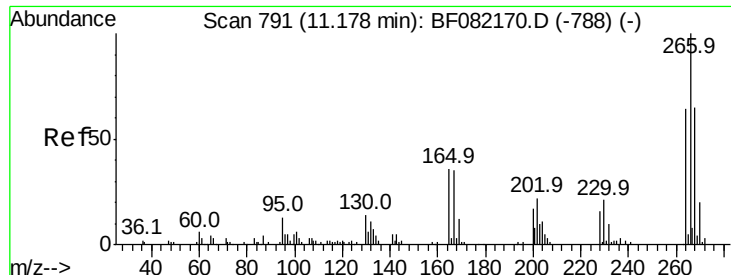
#68
Atrazine
Concen: 45.86 ng
RT: 11.02 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.3	47.3
215	45.6	26.2	66.2



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

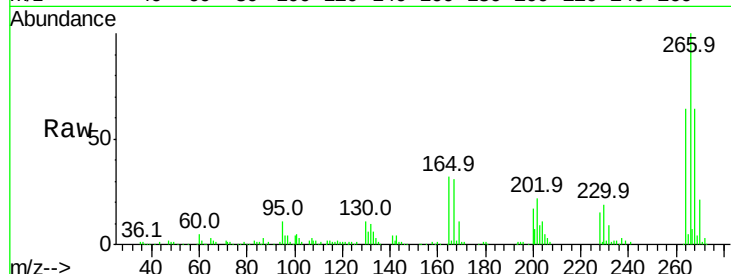




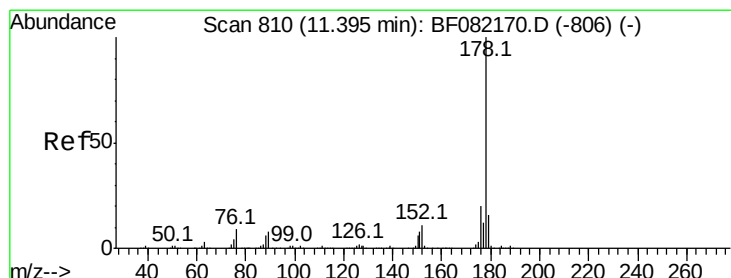
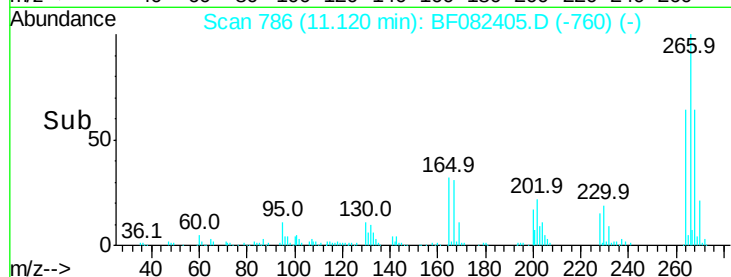
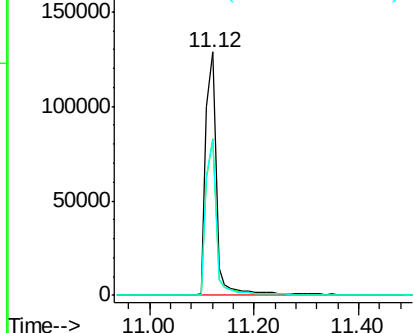
#69
 Pentachlorophenol
 Concen: 83.85 ng
 RT: 11.12 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.0	78.0
264	63.6	51.4	77.0

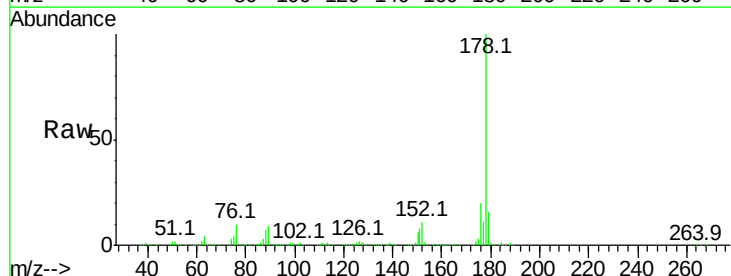


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

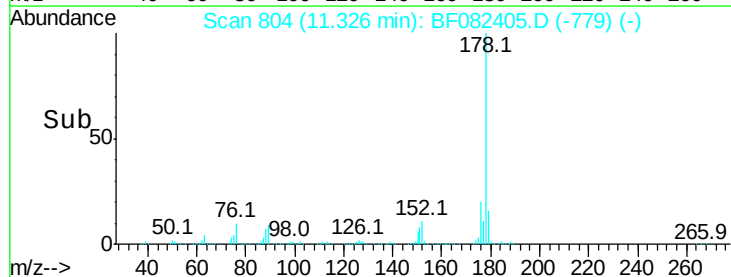
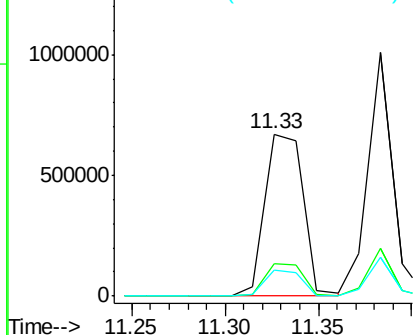


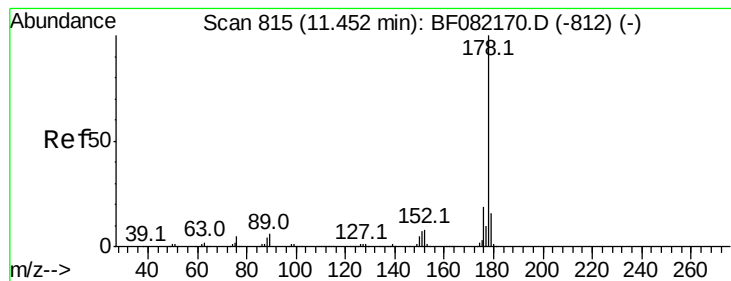
#70
 Phenanthrene
 Concen: 47.97 ng
 RT: 11.33 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.1	12.6	19.0



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





#71

Anthracene

Concen: 46.75 ng

RT: 11.38 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

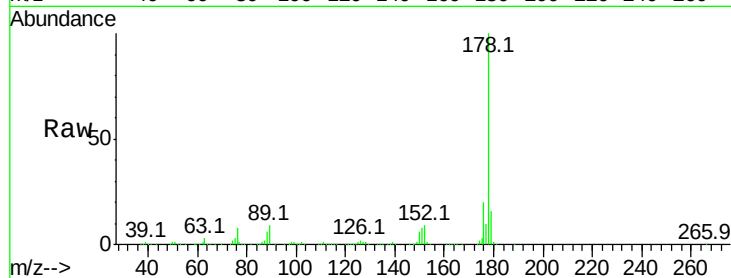
Tot Ion:178 Resp: 954374

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.0

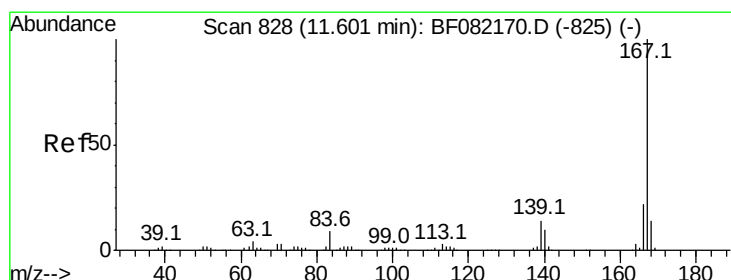
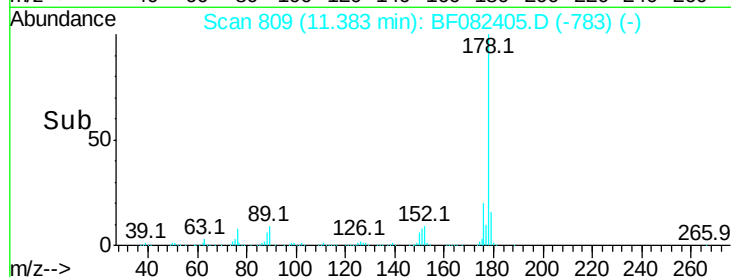
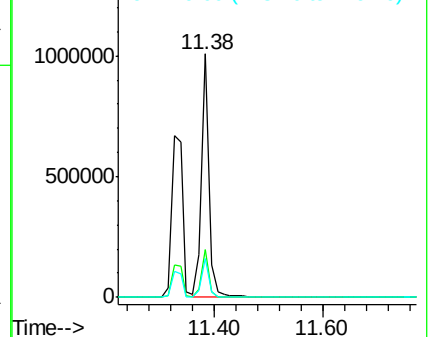
179 16.1 12.5 18.7



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: 45.12 ng

RT: 11.54 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

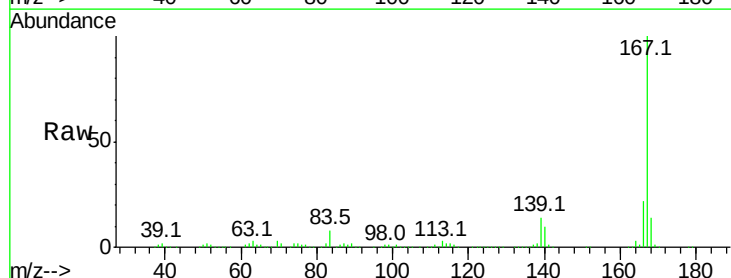
Tgt Ion:167 Resp: 840226

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

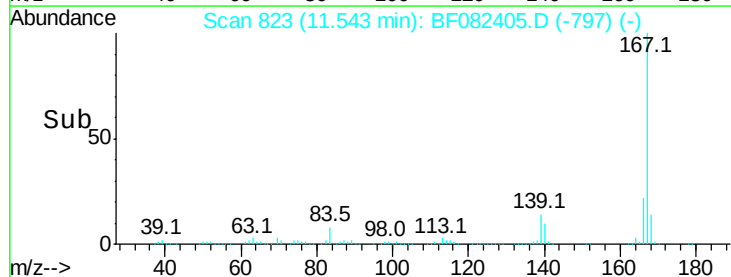
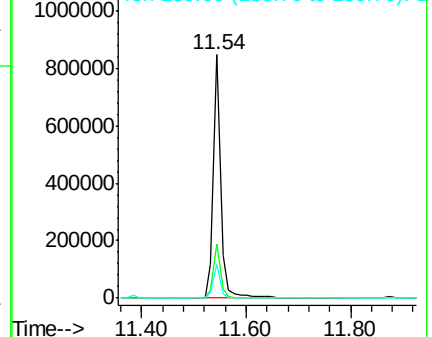
139 13.7 11.2 16.8

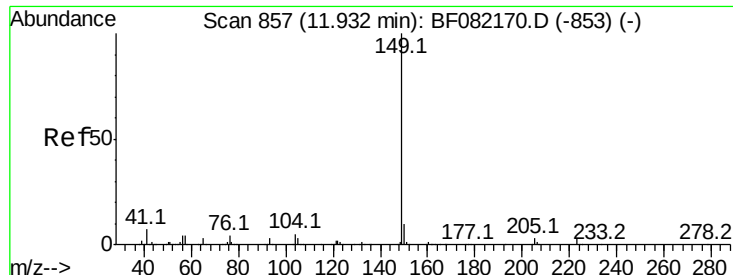


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.87 ng

RT: 11.87 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

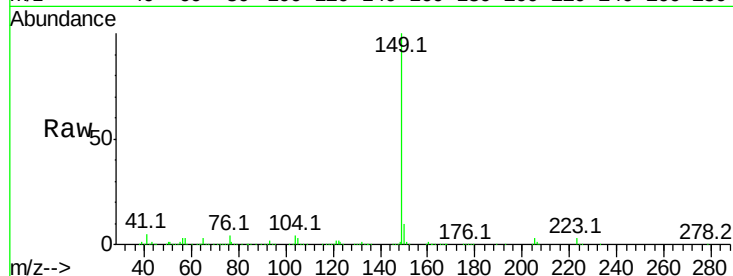
Tot Ion:149 Resp: 1122759

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

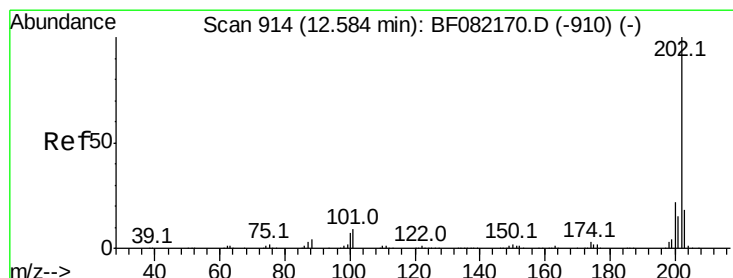
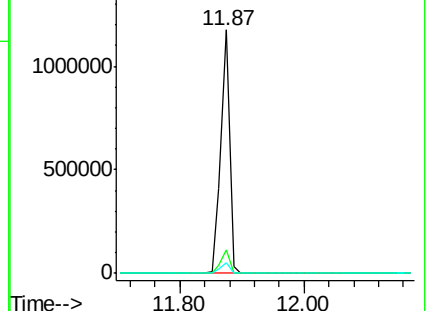
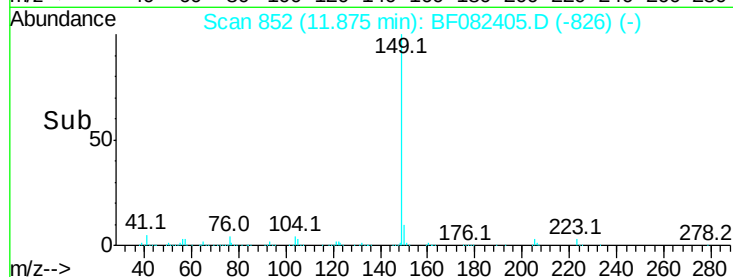
104 4.4 3.8 5.8



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: 47.97 ng

RT: 12.53 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

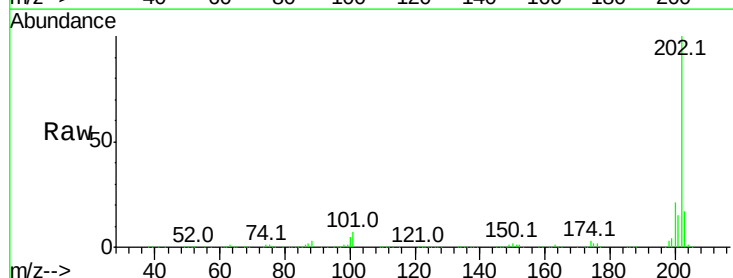
Tgt Ion:202 Resp: 1020569

Ion Ratio Lower Upper

202 100

101 6.8 0.0 29.3

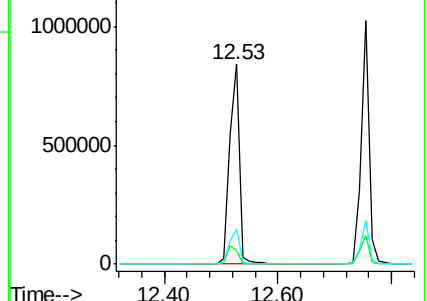
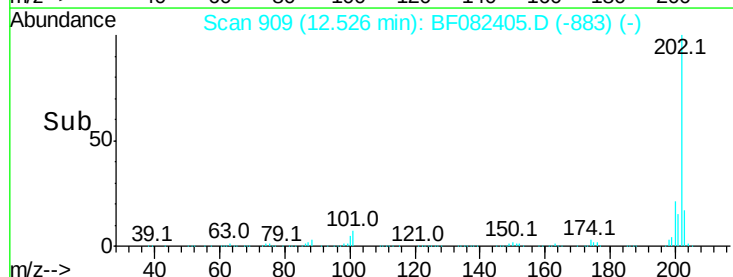
203 17.3 0.0 37.8

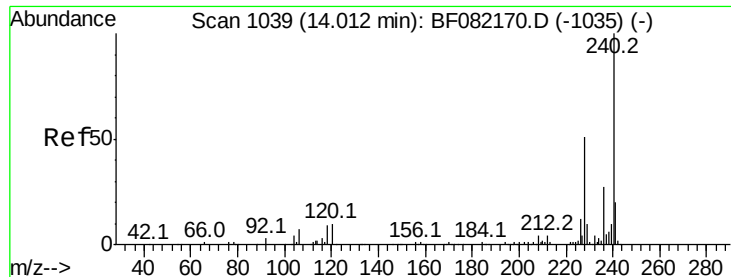


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1040

Delta R.T. 0.01 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

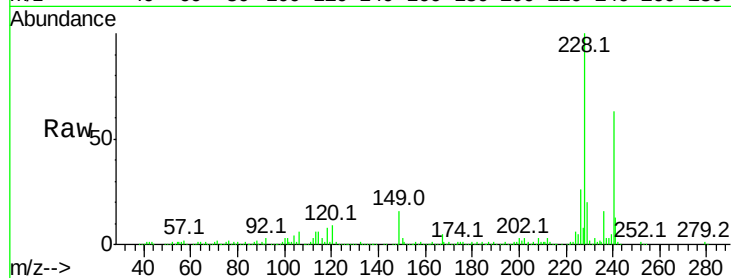
Tot Ion:240 Resp: 344619

Ion Ratio Lower Upper

240 100

120 14.3 8.1 12.1#

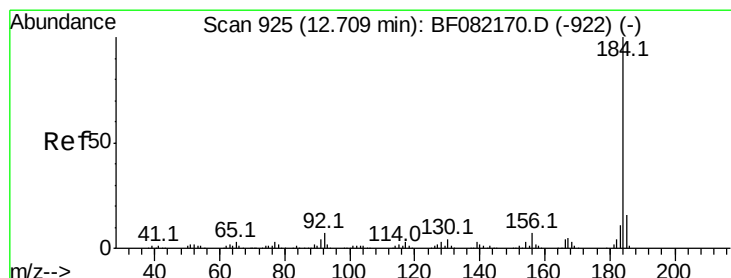
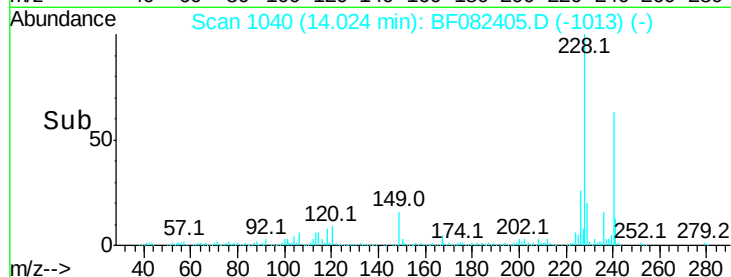
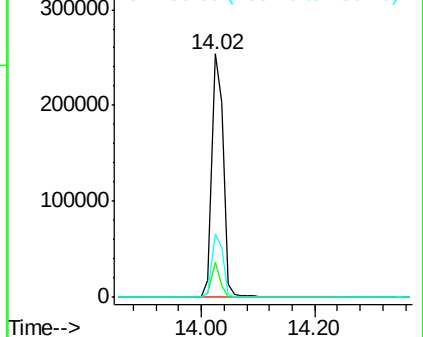
236 26.1 21.3 31.9



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: 14.67 ng

RT: 12.65 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

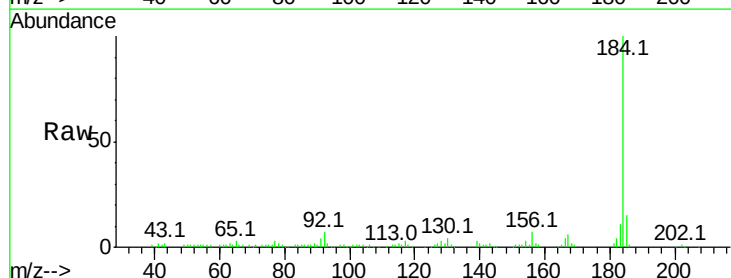
Tgt Ion:184 Resp: 146478

Ion Ratio Lower Upper

184 100

185 14.8 12.5 18.7

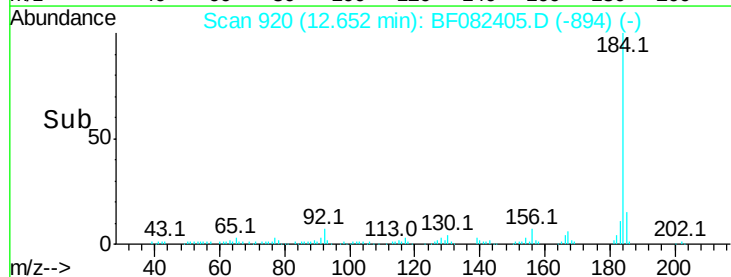
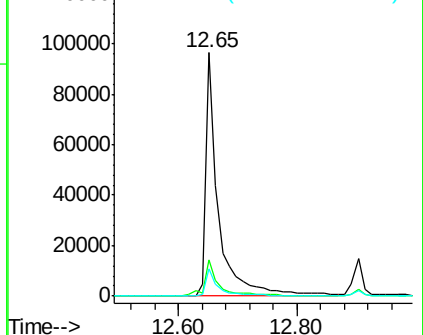
183 11.1 9.1 13.7

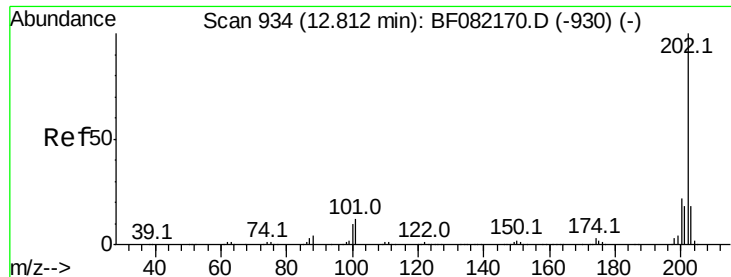


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

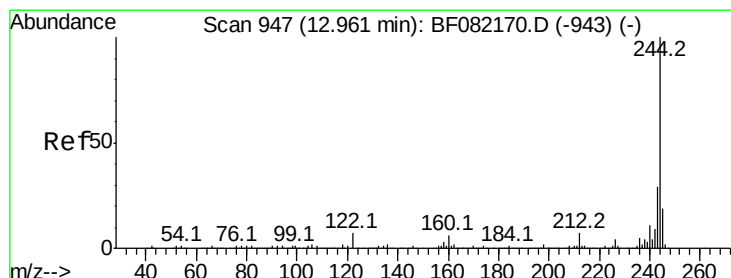
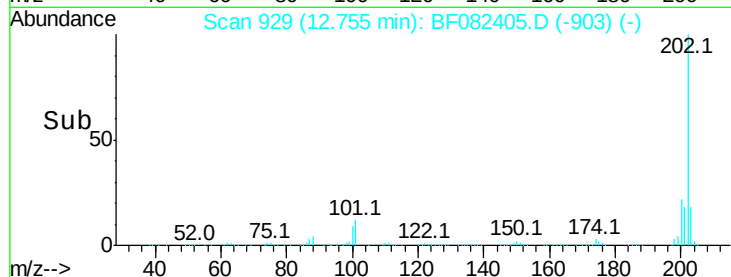
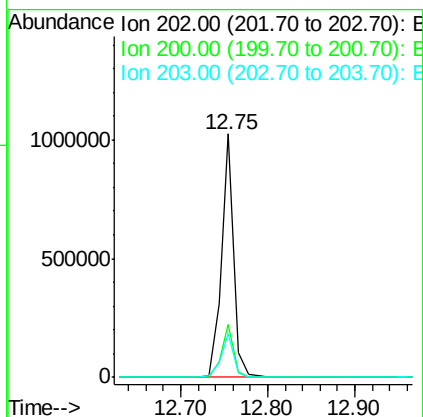
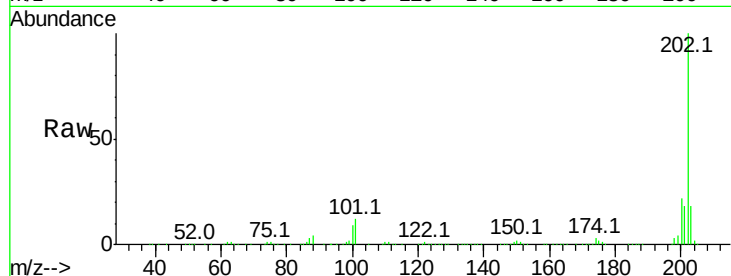




#77
Pvrene
Concen: 49.19 ng
RT: 12.75 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

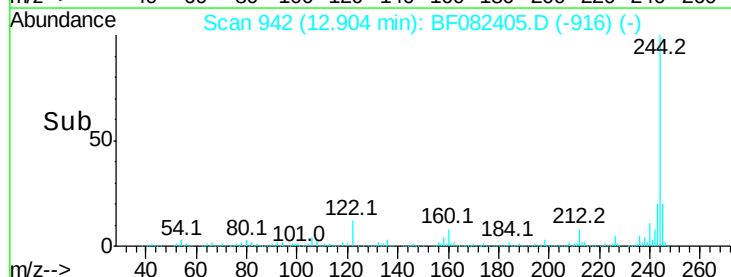
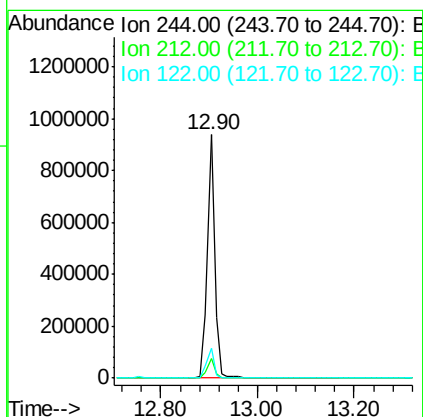
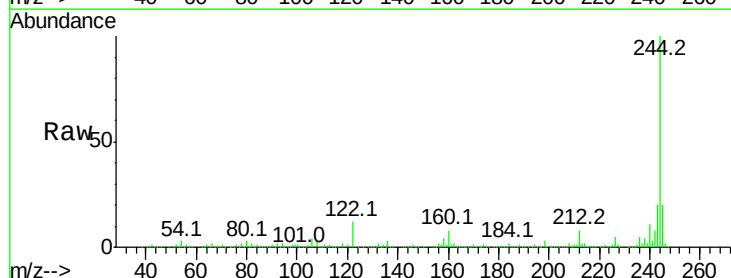
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

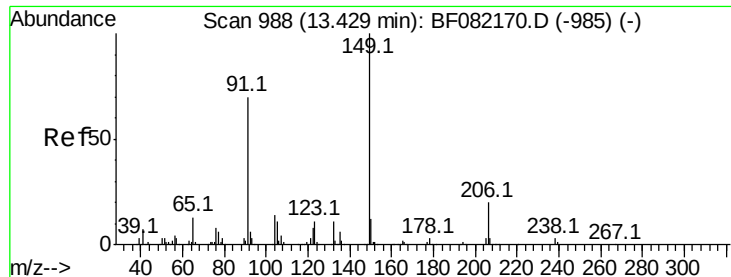
Tot Ion:202 Resp: 1006017
Ion Ratio Lower Upper
202 100
200 21.8 17.9 26.9
203 18.1 14.5 21.7



#78
Terphenyl-d14
Concen: 78.01 ng
RT: 12.90 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:244 Resp: 1014448
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 12.5 5.9 8.9#

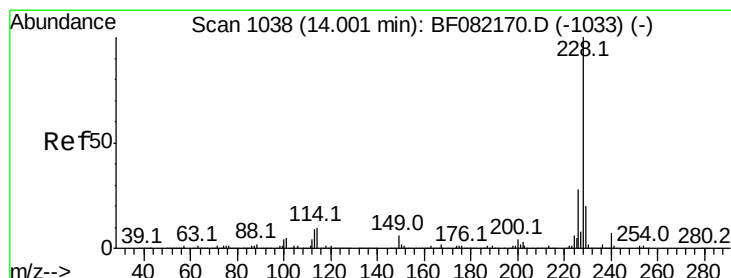
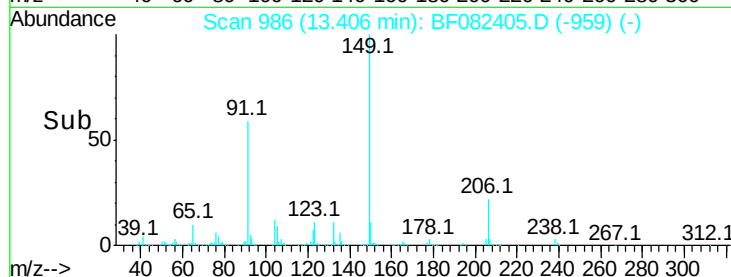
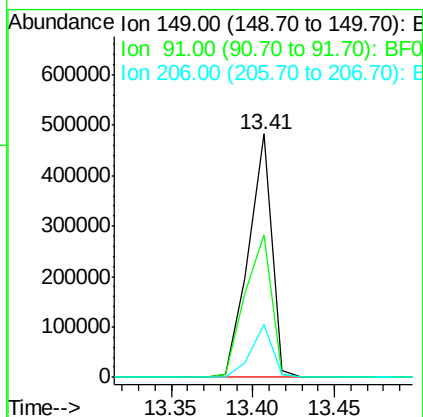
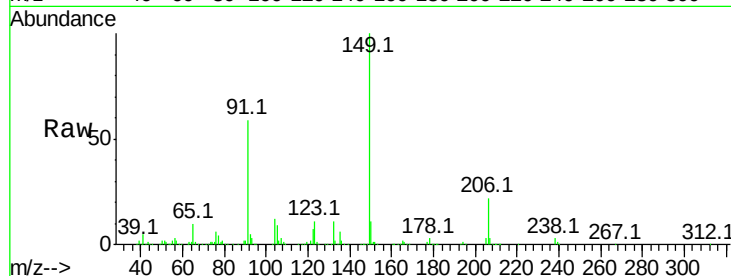




#79
Butylbenzylphthalate
Concen: 51.62 ng
RT: 13.41 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

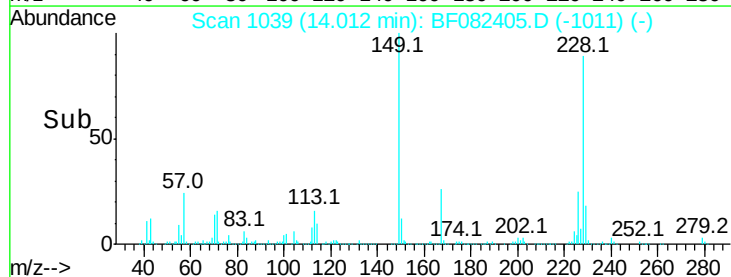
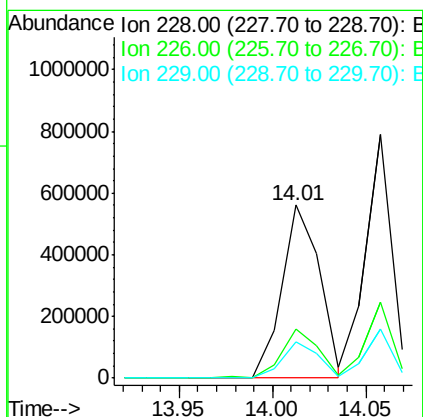
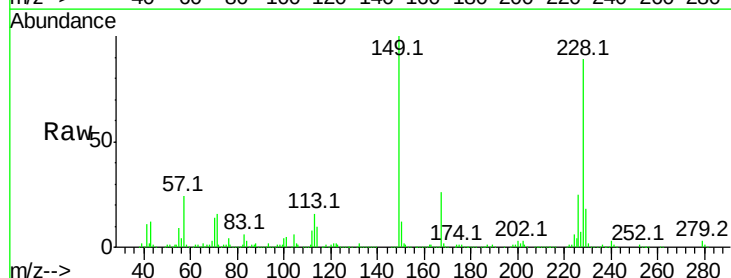
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

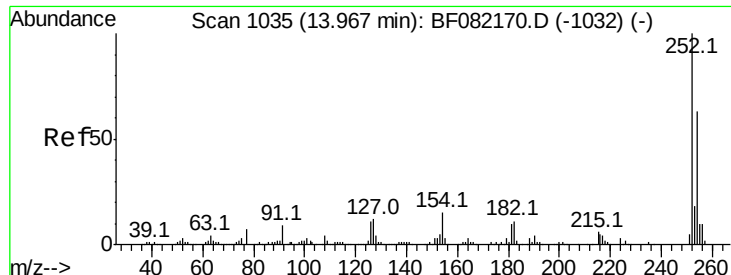
Tot Ion:149 Resp: 481788
Ion Ratio Lower Upper
149 100
91 58.7 55.7 83.5
206 21.8 15.6 23.4



#80
Benzo(a)anthracene
Concen: 44.34 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.02 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:228 Resp: 794996
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 20.6 16.2 24.2

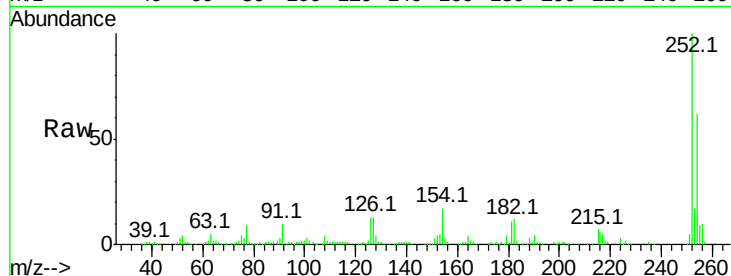




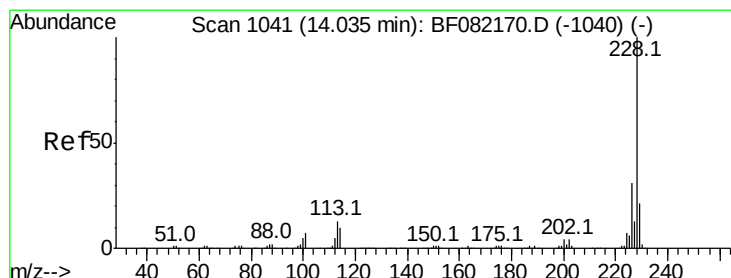
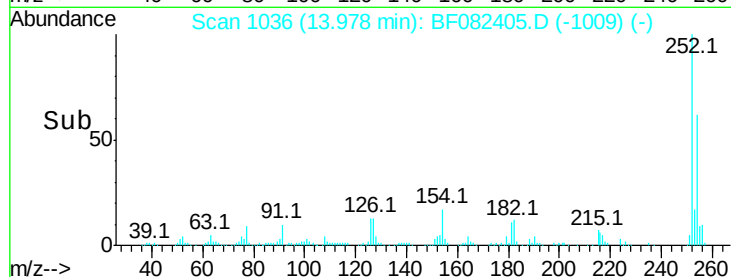
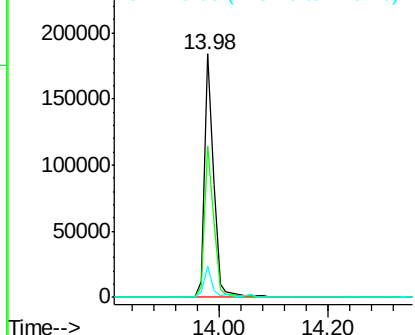
#81
 3,3'-Dichlorobenzidine
 Concen: 31.34 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. 0.01 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

Tot Ion:252 Resp: 213309
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.7 76.1
 126 13.0 9.0 13.6

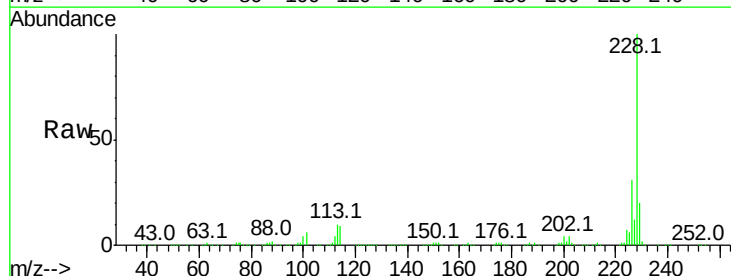


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

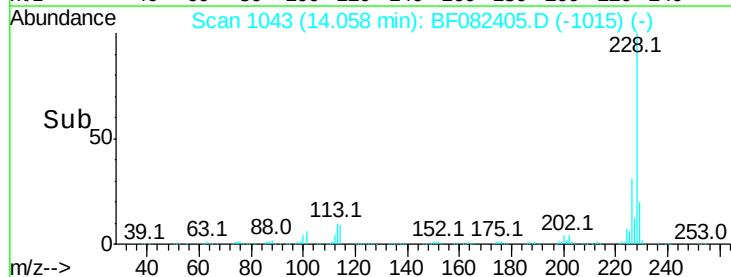
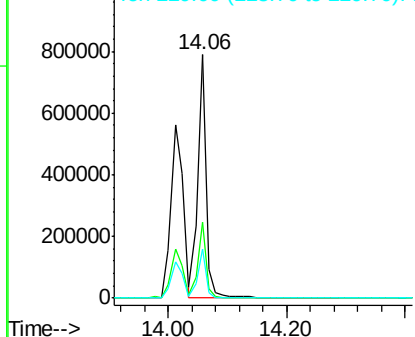


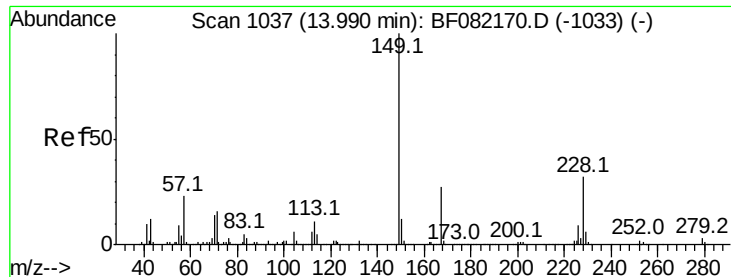
#82
 Chrysene
 Concen: 42.52 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. 0.02 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion:228 Resp: 803388
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.3 16.3 24.5



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

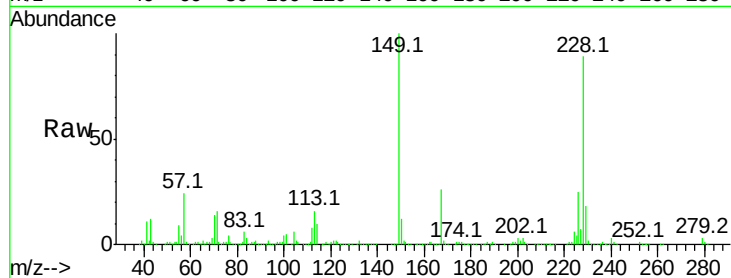




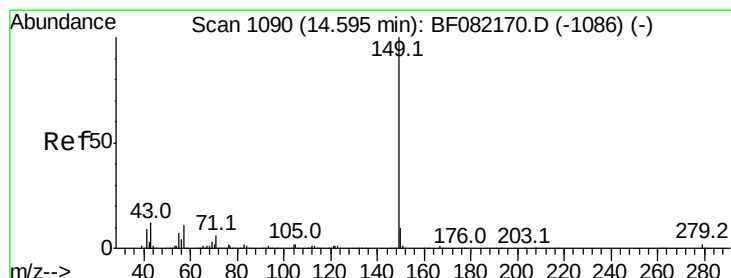
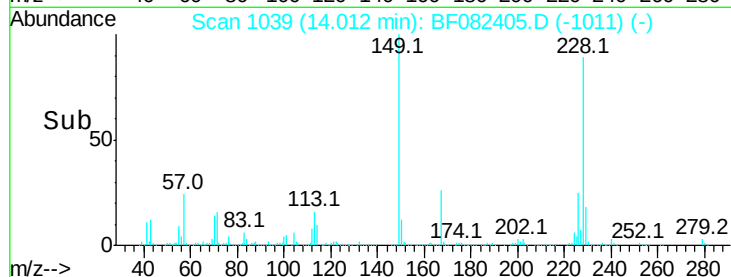
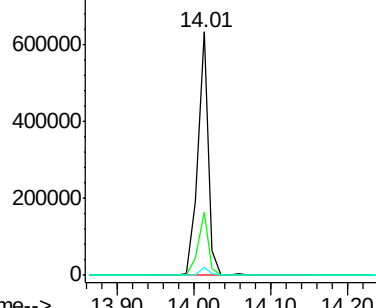
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.64 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. 0.02 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

Tot Ion:149 Resp: 620989
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.1 2.6 4.0

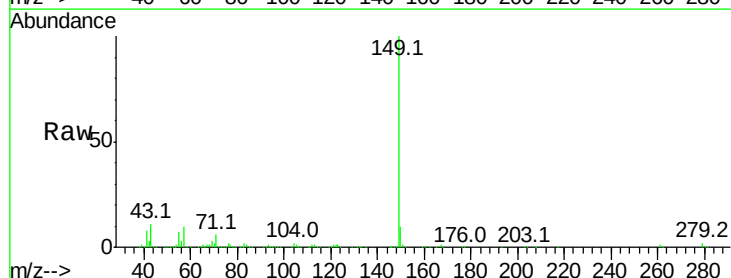


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

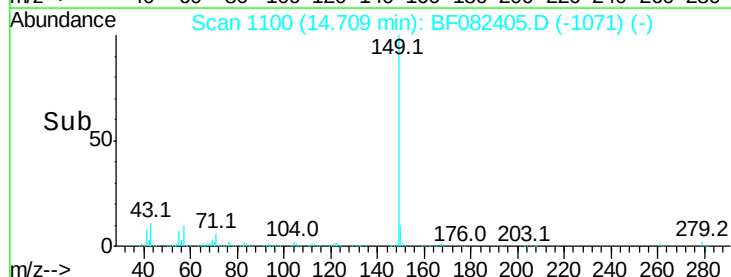
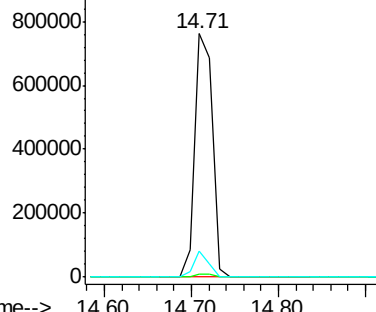


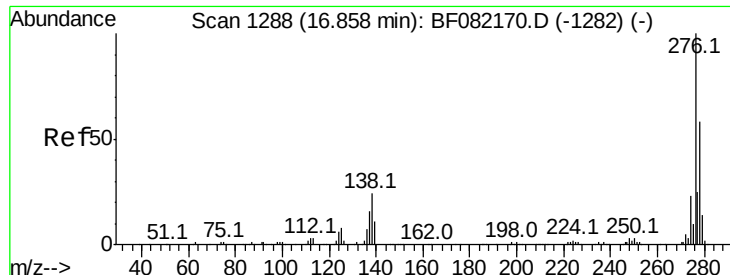
#84
 Di-n-octyl phthalate
 Concen: 47.12 ng
 RT: 14.71 min Scan# 1100
 Delta R.T. 0.03 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion:149 Resp: 1077486
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 8.9 7.4 11.2



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

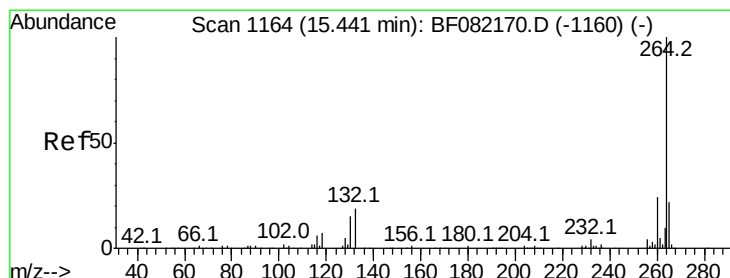
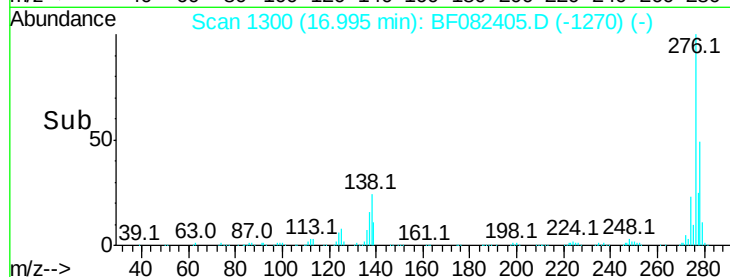
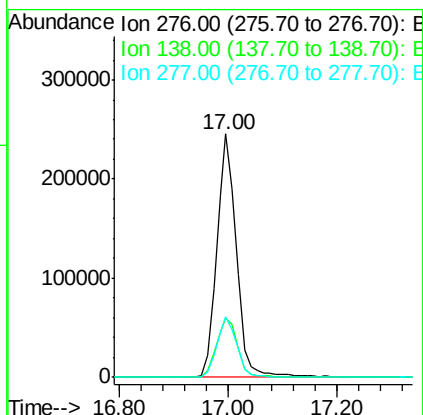
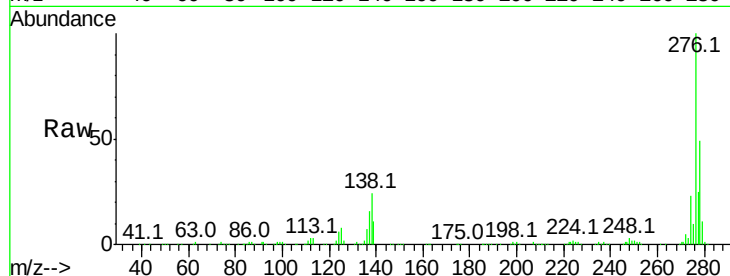




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.61 ng
 RT: 17.00 min Scan# 1300
 Delta R.T. 0.05 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

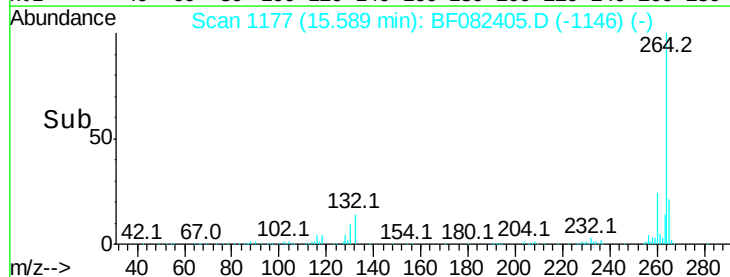
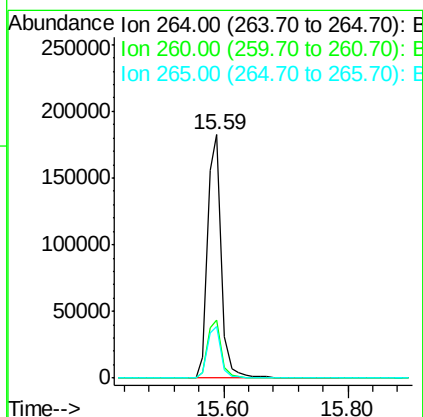
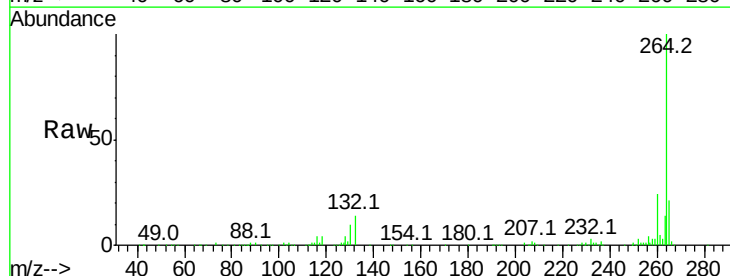
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68MSD

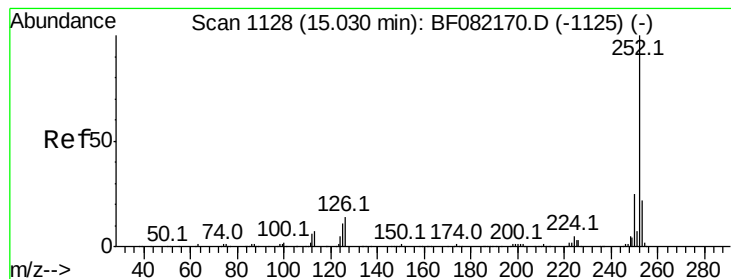
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.7	29.5
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.06 min
 Lab File: BF082405.D
 Acq: 21 Oct 2015 15:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.76 ng

RT: 15.18 min Scan# 1141

Delta R.T. 0.05 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

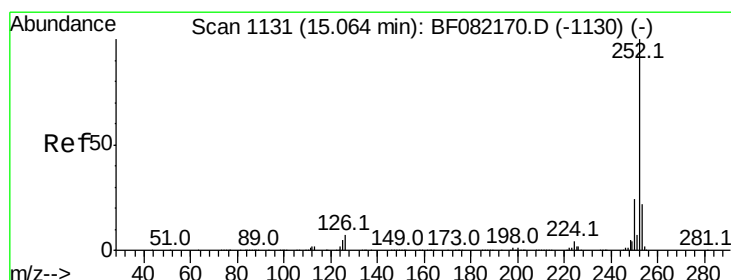
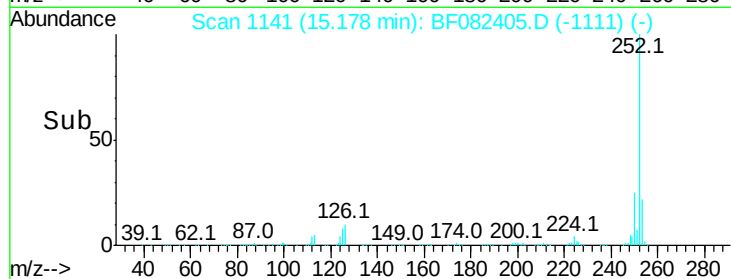
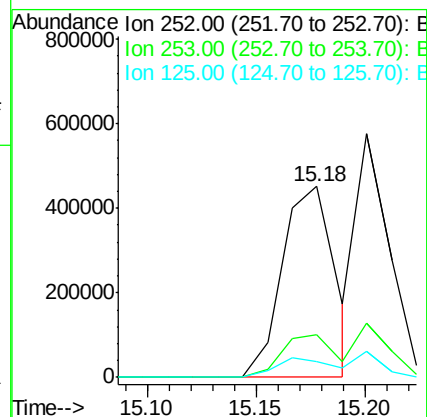
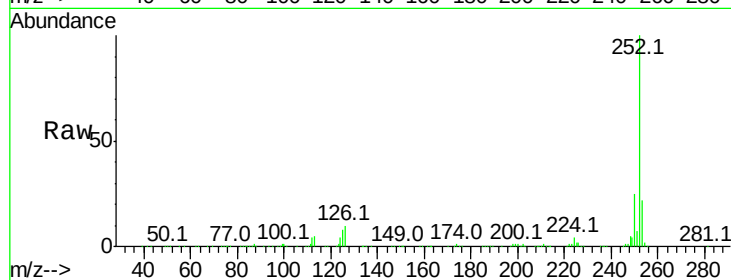
Tot Ion:252 Resp: 762829

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 7.9 8.6 12.8#



#88

Benzo(k)fluoranthene

Concen: 43.52 ng m

RT: 15.20 min Scan# 1143

Delta R.T. 0.05 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

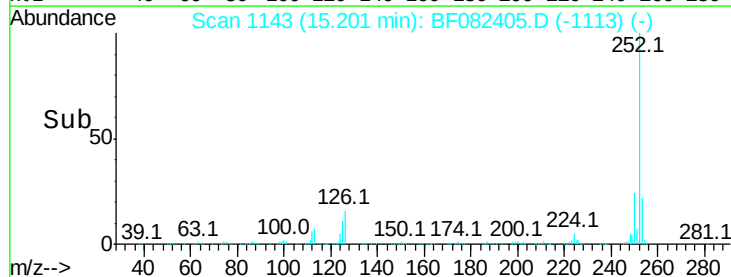
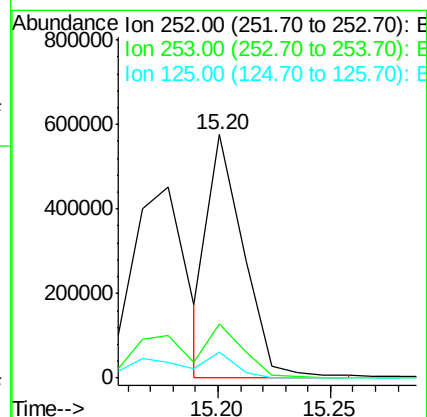
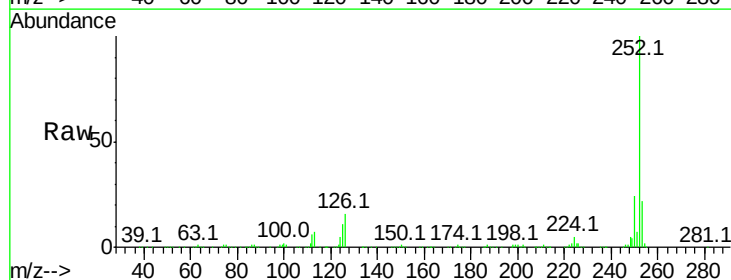
Tgt Ion:252 Resp: 623450

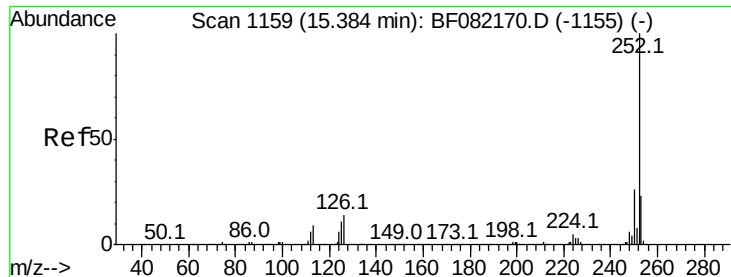
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.9 6.7 10.1#

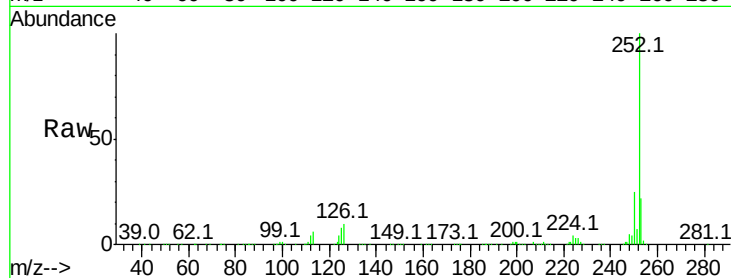




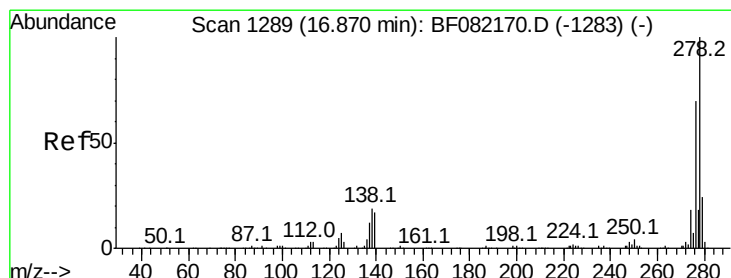
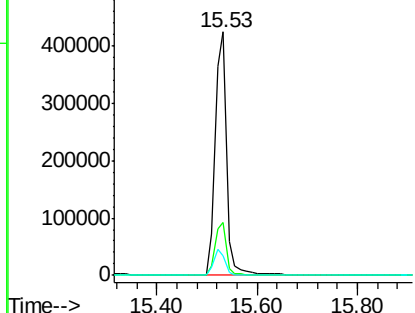
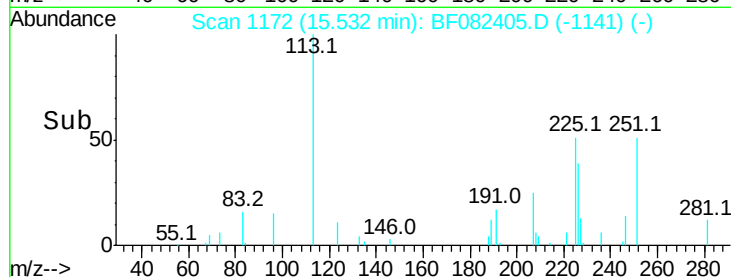
#89
Benzo(a)pyrene
Concen: 45.35 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.06 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68MSD

Tot Ion:252 Resp: 664235
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 8.2 8.9 13.3#

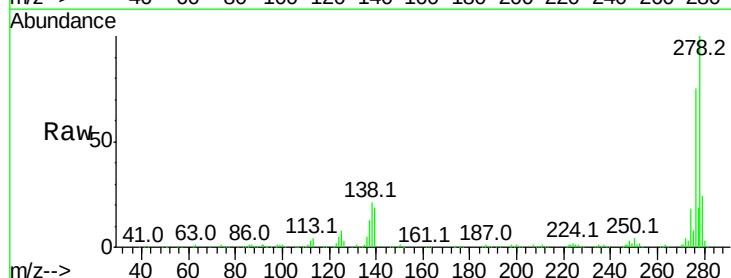


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

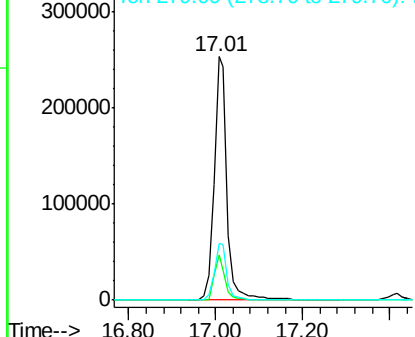
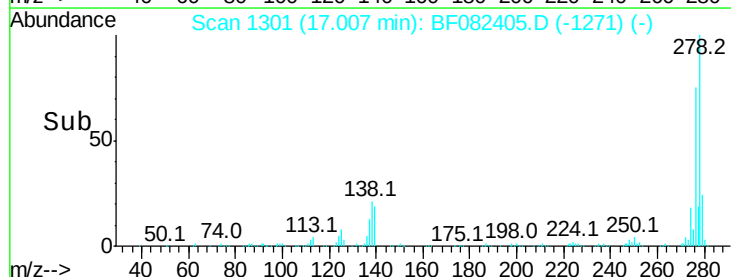


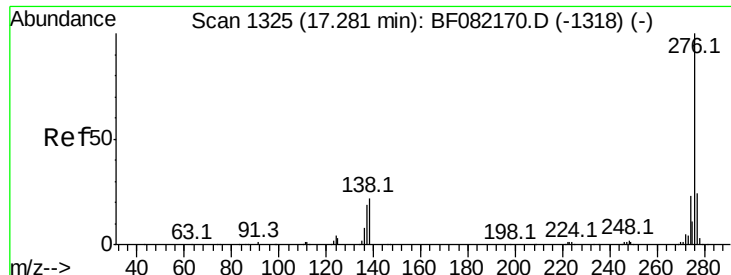
#90
Dibenzo(a,h)anthracene
Concen: 44.68 ng
RT: 17.01 min Scan# 1301
Delta R.T. 0.05 min
Lab File: BF082405.D
Acq: 21 Oct 2015 15:40

Tgt Ion:278 Resp: 536294
Ion Ratio Lower Upper
278 100
139 18.6 13.3 19.9
279 23.6 18.9 28.3



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





#91

Benzo(a,h,i)perylene

Concen: 43.93 ng

RT: 17.42 min Scan# 1337

Delta R.T. 0.06 min

Lab File: BF082405.D

Acq: 21 Oct 2015 15:40

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68MSD

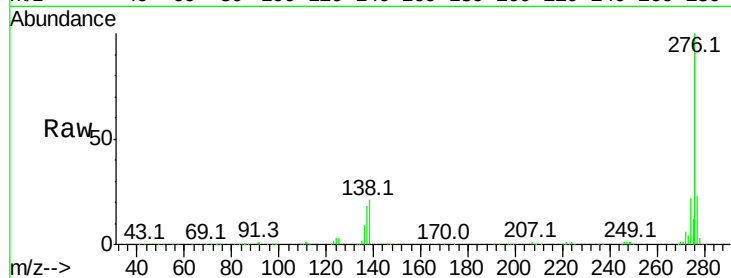
Tot Ion:276 Resp: 512230

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.2 17.4 26.2



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

