

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084275.D
 Acq On : 5 Jan 2016 9:39
 Operator : UM/SJ
 Sample : G4949-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 11:22:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	263783	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	914894	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	385214	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	658817	20.00	ng	0.01
75) Chrysene-d12	14.05	240	479430	20.00	ng	-0.01
86) Perylene-d12	15.49	264	530826	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2232434	136.89	ng	0.02
7) Phenol-d6	6.54	99	2797857	136.60	ng	0.01
23) Nitrobenzene-d5	7.47	82	2039140	124.05	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	557705	143.40	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	2179841	100.72	ng	0.00
78) Terphenyl-d14	13.01	244	2202105	102.53	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	302035	39.10	ng	# 76
3) Pyridine	3.31	79	881553	40.93	ng	# 75
4) n-Nitrosodimethylamine	3.26	42	537523	48.62	ng	# 80
6) Aniline	6.56	93	852899	28.47	ng	# 1
8) 2-Chlorophenol	6.68	128	872515	47.16	ng	# 84
9) Benzaldehyde	6.44	77	343067	25.72	ng	# 91
10) Phenol	6.56	94	936530	40.22	ng	# 76
11) bis(2-Chloroethyl)ether	6.64	93	898976	49.83	ng	# 83
12) 1,3-Dichlorobenzene	7.07	146	846321	44.34	ng	# 99
13) 1,4-Dichlorobenzene	6.91	146	812477	42.45	ng	# 98
14) 1,2-Dichlorobenzene	7.07	146	846392	46.18	ng	# 98
15) Benzyl Alcohol	7.05	79	854536	49.60	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1450263	44.15	ng	# 97
17) 2-Methylphenol	7.32	107	902180	58.18	ng	# 88
18) Hexachloroethane	7.41	117	427301	55.83	ng	# 85
19) n-Nitroso-di-n-propylamine	7.32	70	697871	50.33	ng	# 75
20) 3+4-Methylphenols	7.32	107	902180	49.50	ng	# 83
22) Acetophenone	7.31	105	1187187	53.96	ng	# 90
24) Nitrobenzene	7.48	77	906267	54.36	ng	# 95
25) Isophorone	7.72	82	1777137	56.53	ng	# 96
26) 2-Nitrophenol	7.80	139	474314	62.51	ng	# 86
27) 2,4-Dimethylphenol	7.85	122	778545	50.69	ng	# 94
28) bis(2-Chloroethoxy)methane	7.94	93	1077159	56.09	ng	# 89
29) 2,4-Dichlorophenol	8.04	162	700182	54.73	ng	# 91
30) 1,2,4-Trichlorobenzene	8.12	180	682996	51.71	ng	# 96
31) Naphthalene	8.21	128	2420196	58.31	ng	# 98
32) Benzoic acid	7.97	122	25572	8.50	ng	# 54
33) 4-Chloroaniline	8.26	127	483373	25.40	ng	# 97
34) Hexachlorobutadiene	8.33	225	427759	56.34	ng	# 99
35) Caprolactam	8.61	113	421701	97.77	ng	# 1
36) 4-Chloro-3-methylphenol	8.75	107	731006	51.01	ng	# 89
37) 2-Methylnaphthalene	8.90	142	1613178	54.14	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	559643	50.54	ng	# 96
40) Hexachlorocyclopentadiene	9.06	237	587492	87.88	ng	# 98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084275.D
 Acq On : 5 Jan 2016 9:39
 Operator : UM/SJ
 Sample : G4949-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

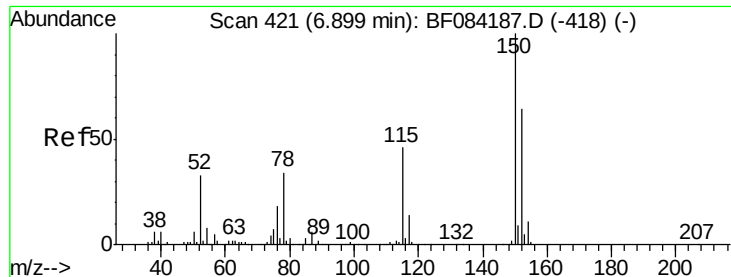
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 11:22:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.18	196	418952	50.57	nq	96
43) 2,4,5-Trichlorophenol	9.23	196	367528	46.27	nq	# 69
45) 1,1'-Biphenyl	9.37	154	1418311	46.33	nq	99
46) 2-Chloronaphthalene	9.39	162	1102966	45.87	nq	98
47) 2-Nitroaniline	9.49	65	522298	65.80	nq	87
48) Acenaphthylene	9.81	152	1718816	48.38	nq	# 91
49) Dimethylphthalate	9.68	163	1567392	56.92	nq	# 91
50) 2,6-Dinitrotoluene	9.73	165	272270	45.08	nq	# 27
51) Acenaphthene	9.98	154	1276448	53.56	nq	98
52) 3-Nitroaniline	9.90	138	339385	45.35	nq	88
53) 2,4-Dinitrophenol	10.02	184	90460	37.15	nq	# 85
54) Dibenzofuran	10.16	168	1522989	49.65	nq	# 80
55) 4-Nitrophenol	10.08	139	517615	95.28	nq	# 60
56) 2,4-Dinitrotoluene	10.14	165	452366	59.18	nq	# 90
57) Fluorene	10.50	166	1419303	60.27	nq	# 99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	309940	45.71	nq	# 91
59) Diethylphthalate	10.37	149	1229632	45.29	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	518193	52.83	nq	# 78
61) 4-Nitroaniline	10.52	138	298799	44.79	nq	90
62) Azobenzene	10.65	77	1375007	46.17	nq	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	136905	34.19	nq	# 1
65) n-Nitrosodiphenylamine	10.61	169	1617199	76.78	nq	# 85
66) 4-Bromophenyl-phenylether	10.98	248	370763	52.29	nq	# 78
67) Hexachlorobenzene	11.06	284	401162	50.26	nq	98
68) Atrazine	11.14	200	355874	51.63	nq	98
69) Pentachlorophenol	11.24	266	313228	75.69	nq	98
70) Phenanthrene	11.46	178	2111245	61.26	nq	# 93
71) Anthracene	11.46	178	2111245	62.50	nq	94
72) Carbazole	11.66	167	1478066	44.76	nq	94
73) Di-n-butylphthalate	12.00	149	2125705	68.85	nq	# 97
74) Fluoranthene	12.64	202	1690036	46.95	nq	98
76) Benzidine	12.76	184	389929	22.68	nq	98
77) Pyrene	12.86	202	1851426	49.21	nq	97
79) Butylbenzylphthalate	13.48	149	844445	51.87	nq	95
80) Benzo(a)anthracene	14.04	228	1443874	51.29	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	405242	41.25	nq	# 94
82) Chrysene	14.09	228	1452018	53.68	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	995867	48.42	nq	# 96
84) Di-n-octyl phthalate	14.65	149	1701803	49.01	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.92	276	1641808	76.57	nq	99
87) Benzo(b)fluoranthene	15.08	252	1545167	44.50	nq	# 96
88) Benzo(k)fluoranthene	15.08	252	1545167	54.41	nq	98
89) Benzo(a)pyrene	15.44	252	1472727	50.00	nq	# 96
90) Dibenzo(a,h)anthracene	16.93	278	1362160	53.75	nq	99
91) Benzo(g,h,i)perylene	17.35	276	1342847	51.16	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

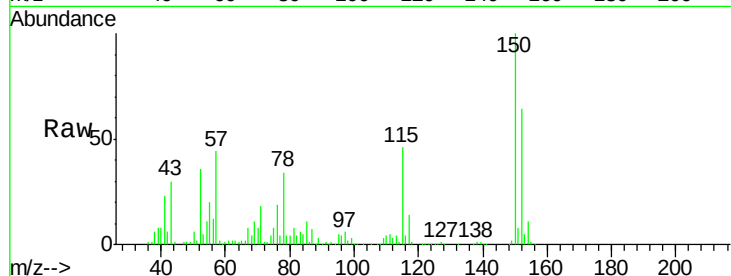
Tot Ion:152 Resp: 263783

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

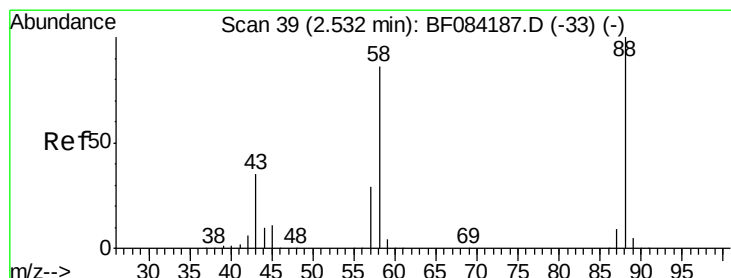
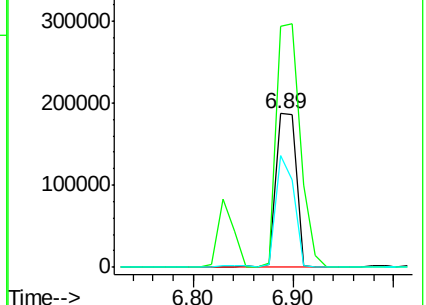
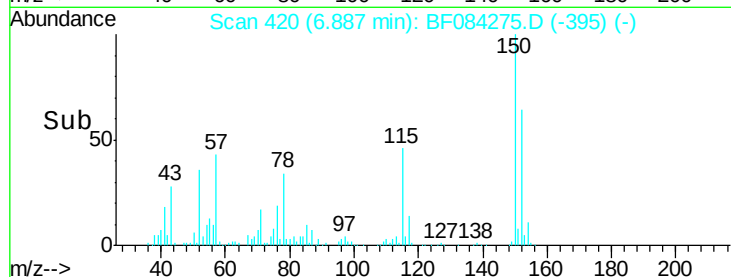
115 72.3 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.10 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.03 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

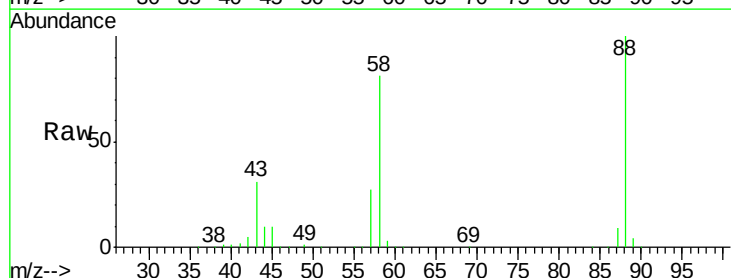
Tgt Ion: 88 Resp: 302035

Ion Ratio Lower Upper

88 100

58 85.0 51.2 76.8#

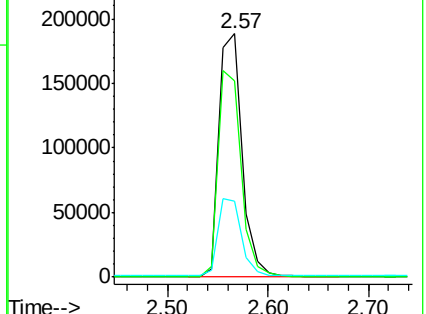
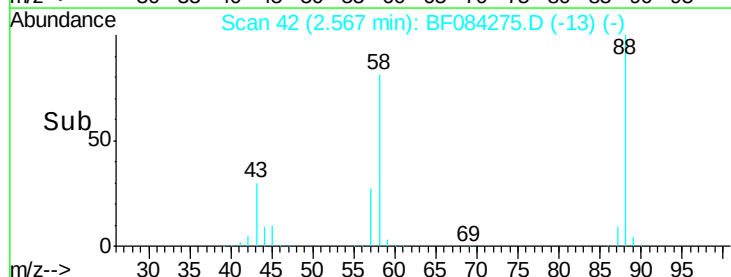
43 32.5 19.5 29.3#

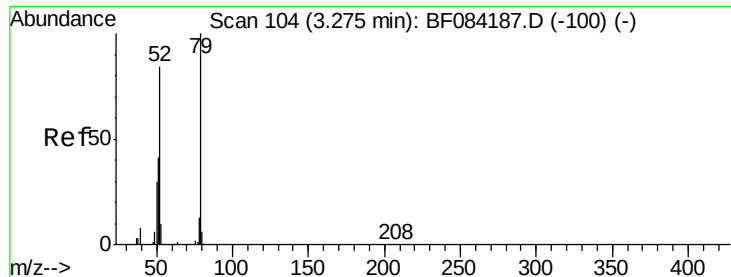


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.93 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.03 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

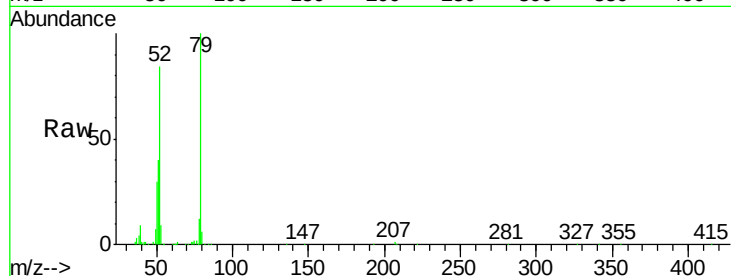
Tot Ion: 79 Resp: 881553

Ion Ratio Lower Upper

79 100

52 84.3 49.0 73.4#

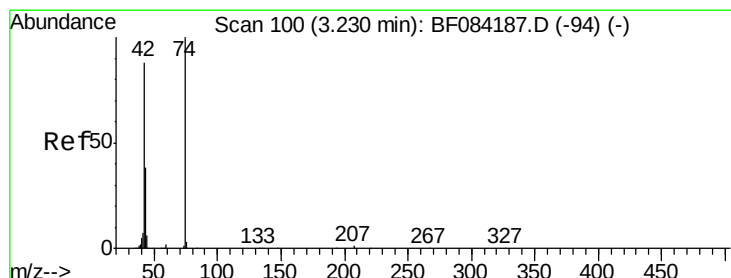
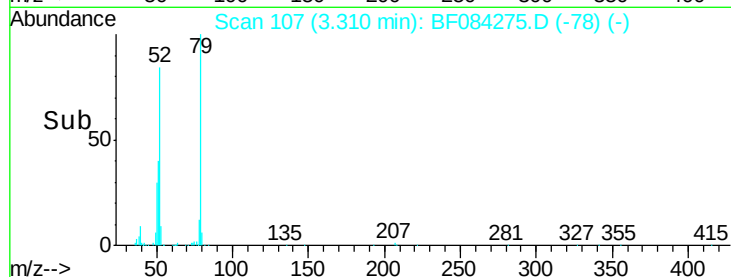
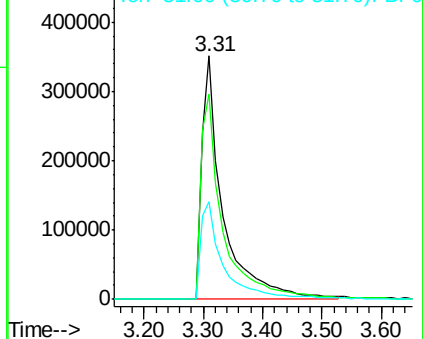
51 40.1 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.62 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.03 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

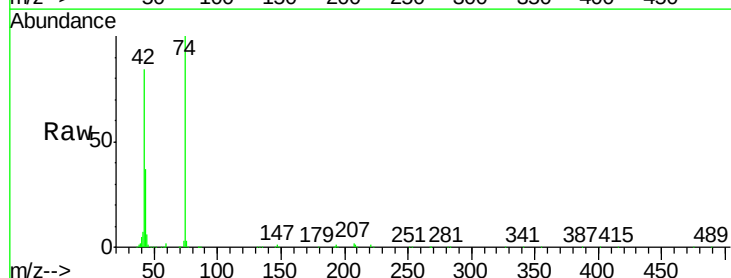
Tgt Ion: 42 Resp: 537523

Ion Ratio Lower Upper

42 100

74 118.6 115.7 173.5

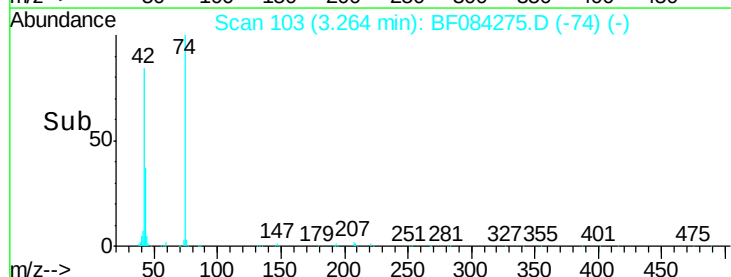
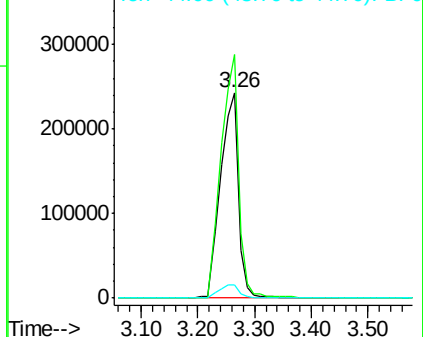
44 6.7 5.1 7.7

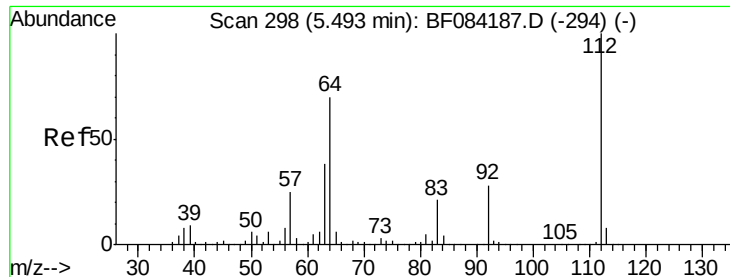


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 136.89 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

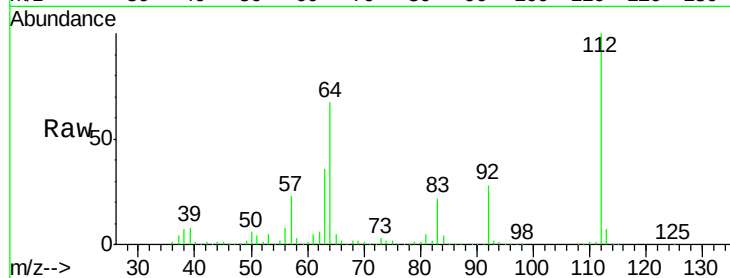
Tot Ion:112 Resp: 2232434

Ion Ratio Lower Upper

112 100

64 66.6 36.6 55.0#

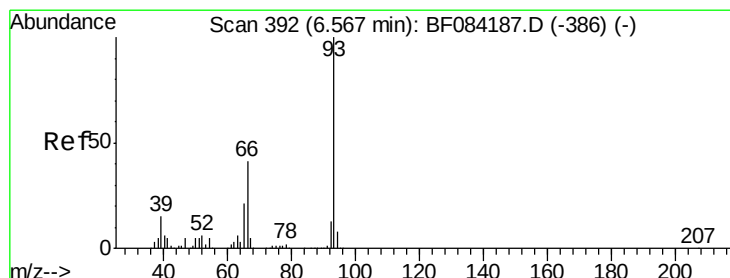
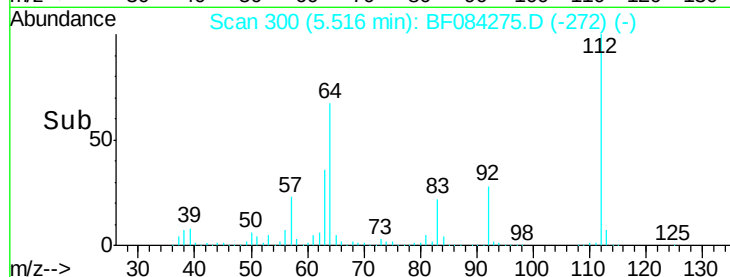
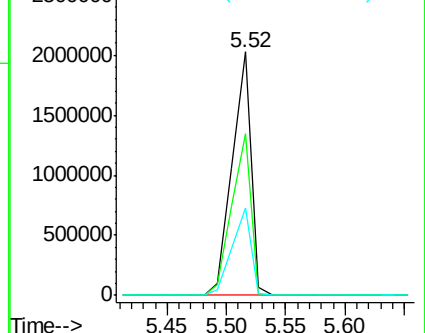
63 36.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.47 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

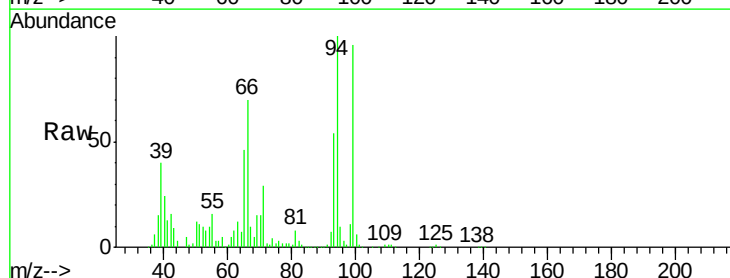
Tgt Ion: 93 Resp: 852899

Ion Ratio Lower Upper

93 100

66 129.3 44.9 67.3#

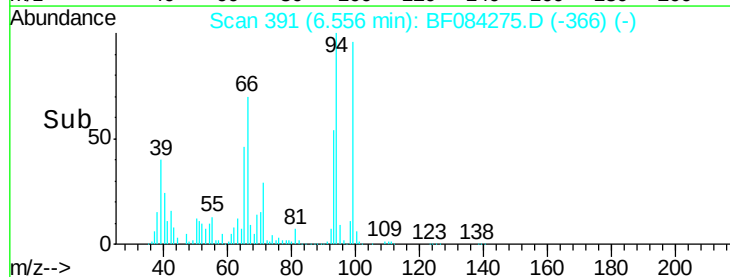
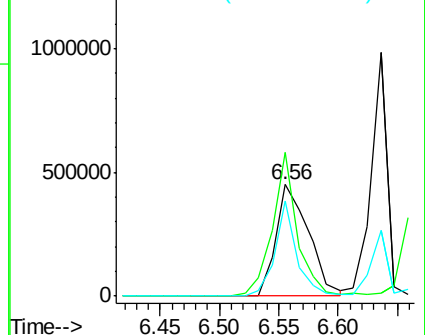
65 85.2 23.7 35.5#

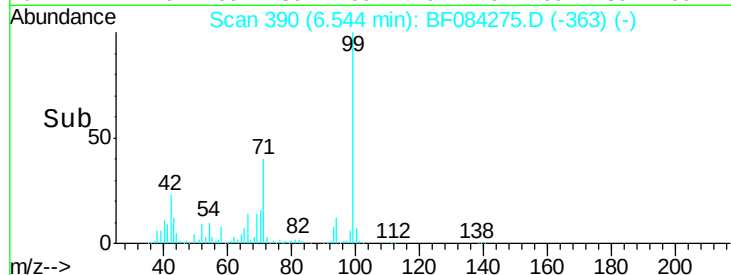
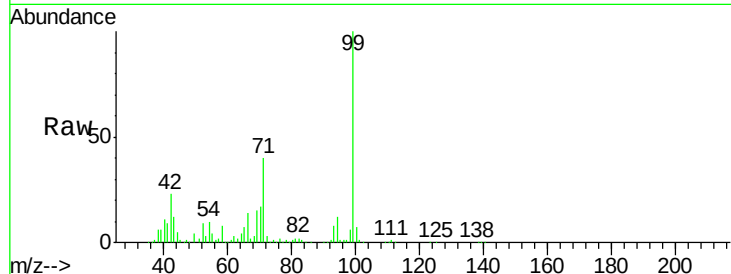
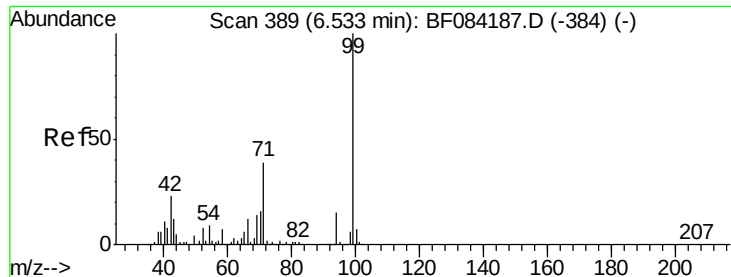


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.60 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

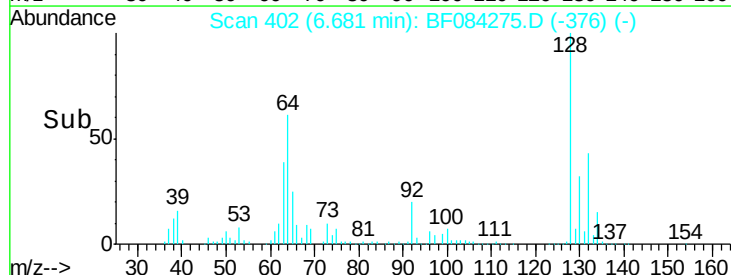
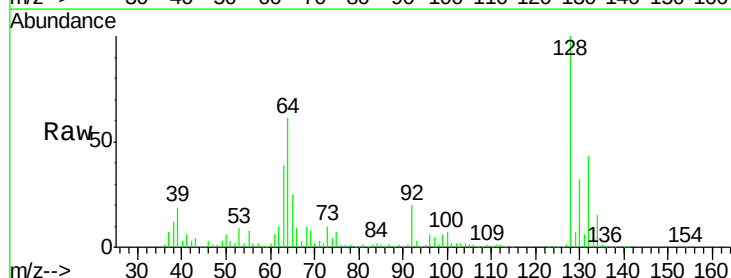
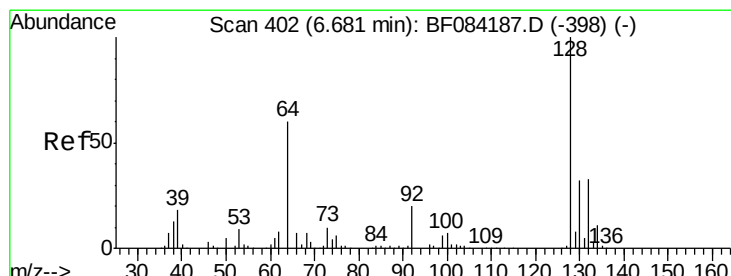
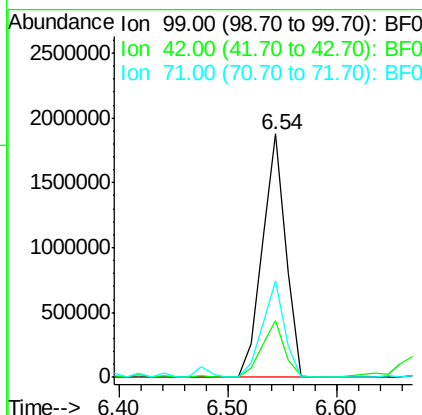
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2797857

Ion	Ratio	Lower	Upper
99	100		
42	23.3	12.8	19.2#
71	39.8	30.9	46.3



#8

2-Chlorophenol

Concen: 47.16 ng

RT: 6.68 min Scan# 402

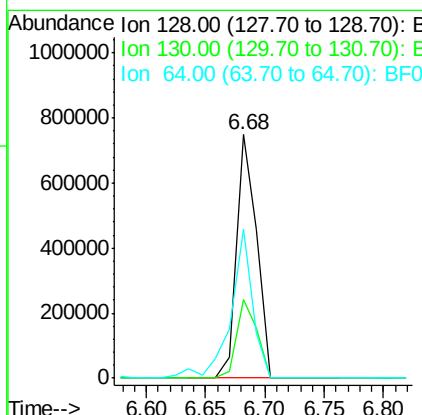
Delta R.T. 0.00 min

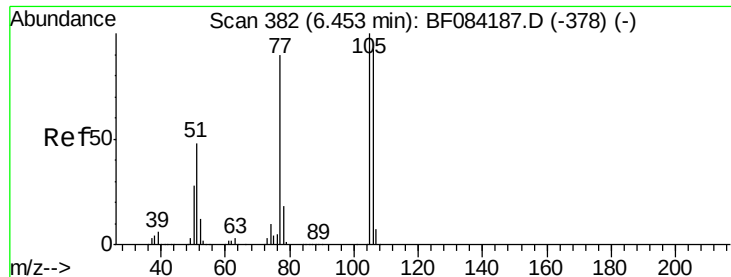
Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Tgt Ion: 128 Resp: 872515

Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.6	51.6
64	61.2	23.8	63.8





#9

Benzaldehyde

Concen: 25.72 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

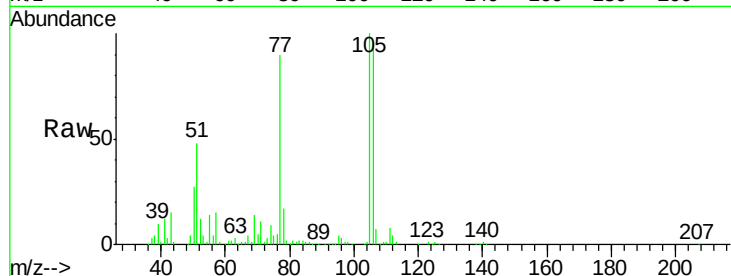
Tot Ion: 77 Resp: 343067

Ion Ratio Lower Upper

77 100

105 110.7 83.0 123.0

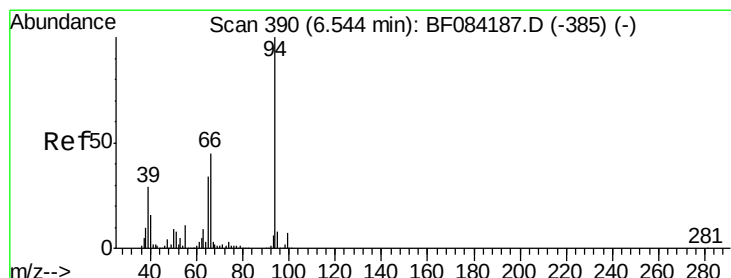
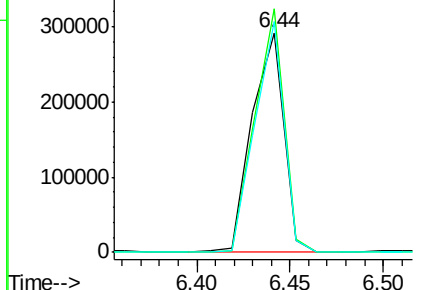
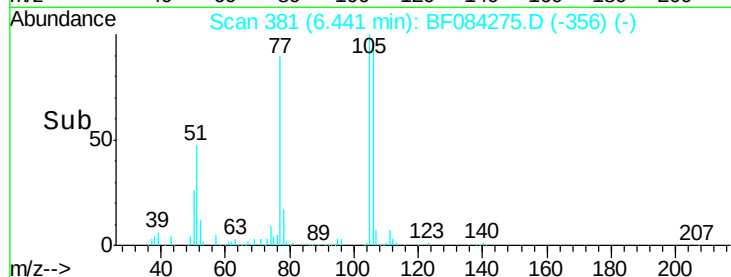
106 104.8 74.6 114.6



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: 40.22 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

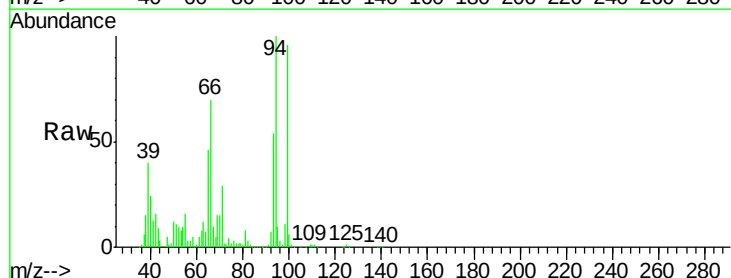
Tgt Ion: 94 Resp: 936530

Ion Ratio Lower Upper

94 100

65 45.9 12.9 52.9

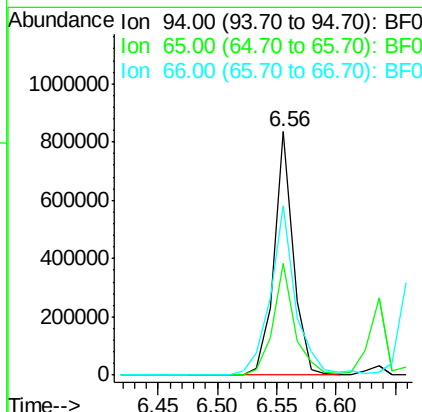
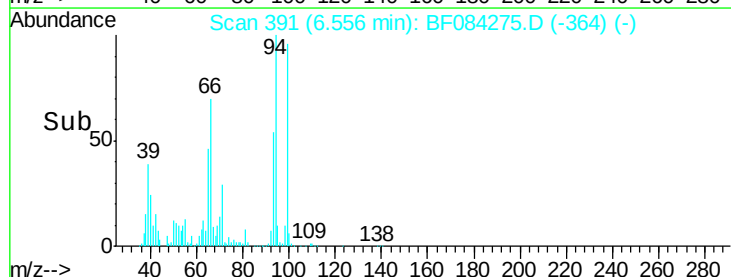
66 69.7 32.7 72.7

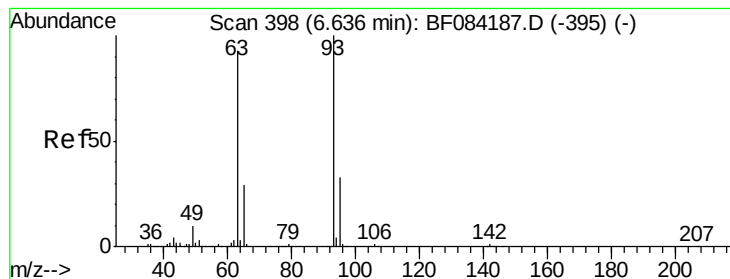


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 49.83 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

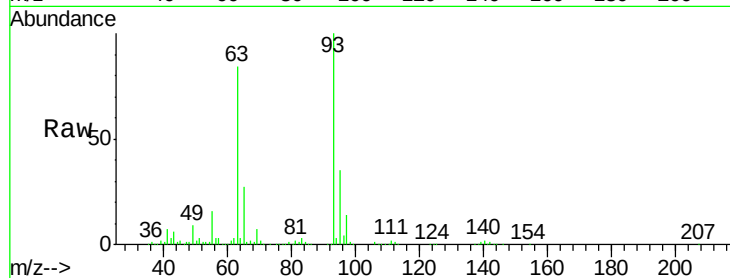
Tot Ion: 93 Resp: 898976

Ion Ratio Lower Upper

93 100

63 84.0 45.9 85.9

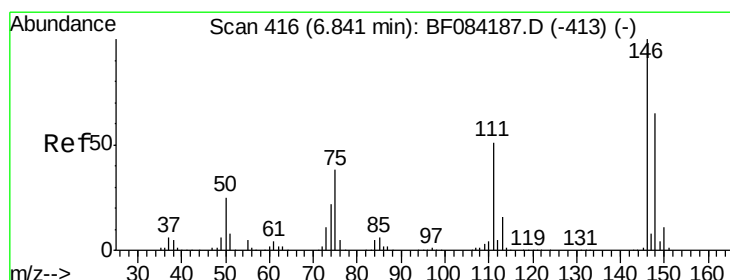
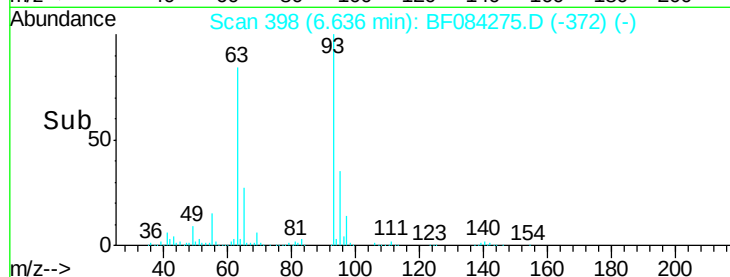
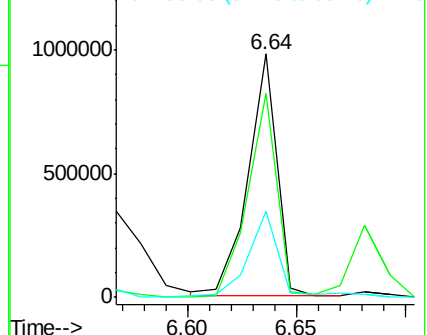
95 35.3 12.3 52.3



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: 44.34 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.23 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

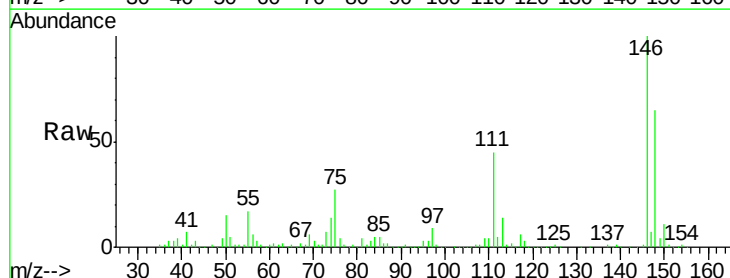
Tgt Ion: 146 Resp: 846321

Ion Ratio Lower Upper

146 100

148 65.2 51.9 77.9

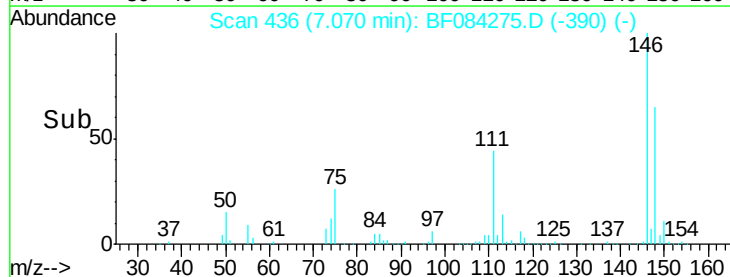
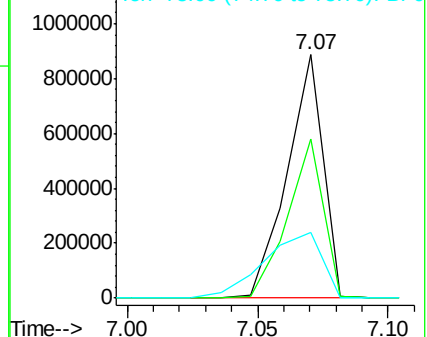
75 27.0 20.5 30.7

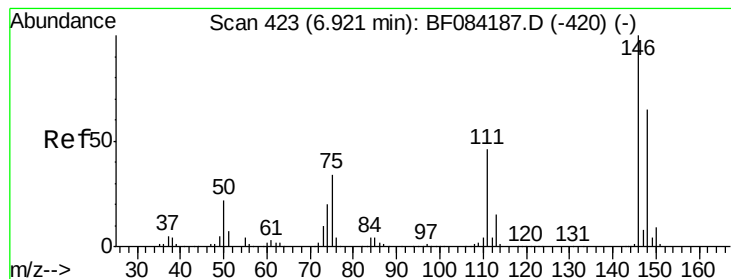


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.45 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

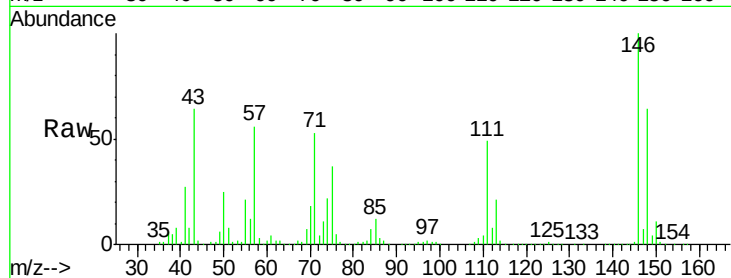
Tot Ion:146 Resp: 812477

Ion Ratio Lower Upper

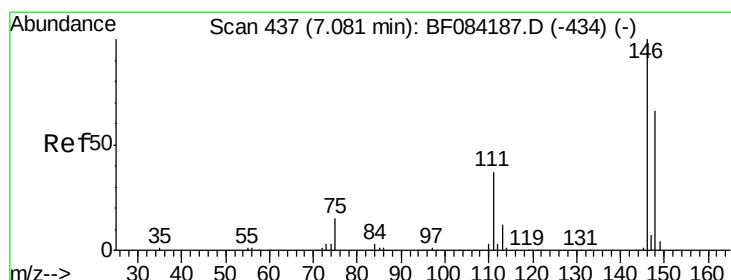
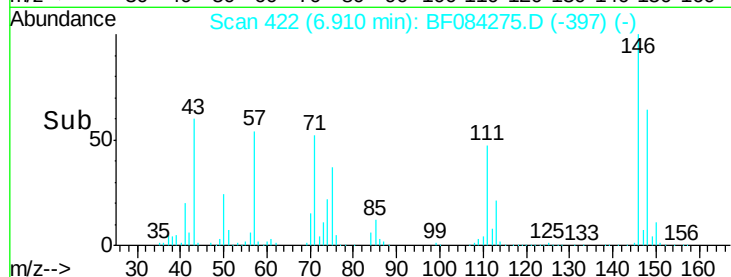
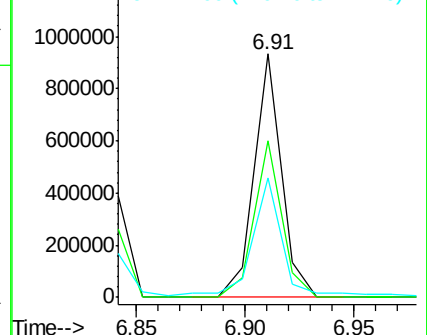
146 100

148 64.4 51.9 77.9

111 49.0 41.6 62.4



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: 46.18 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

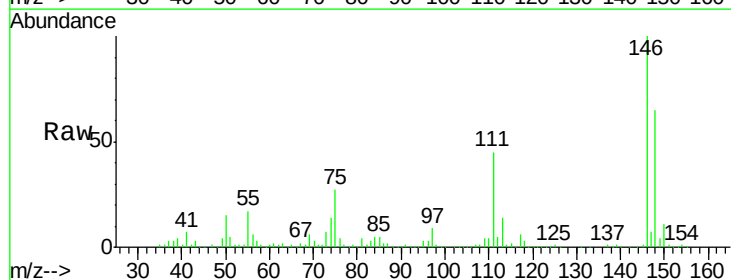
Tgt Ion:146 Resp: 846392

Ion Ratio Lower Upper

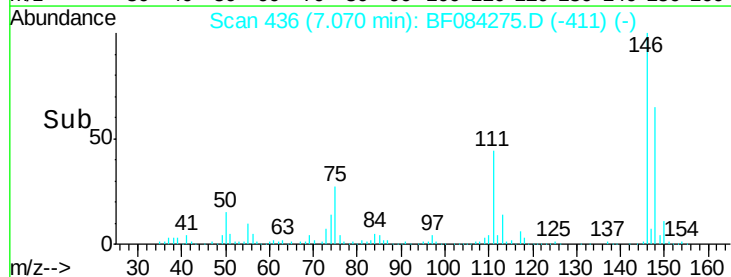
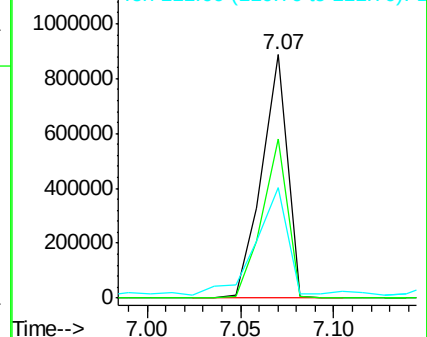
146 100

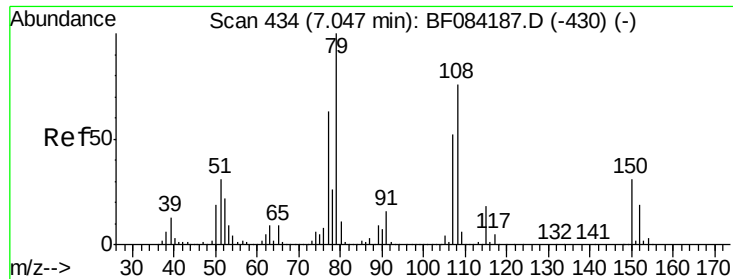
148 65.2 51.6 77.4

111 45.2 38.0 57.0



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: 49.60 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

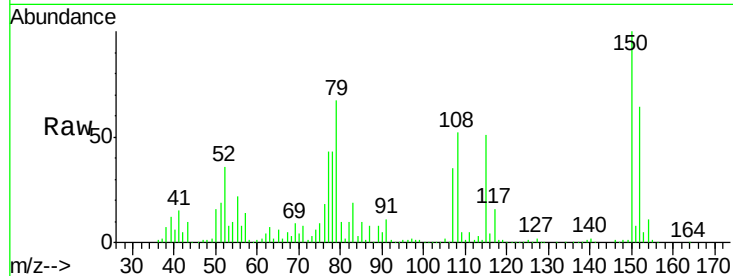
Tot Ion: 79 Resp: 854536

Ion Ratio Lower Upper

79 100

108 77.6 69.0 103.4

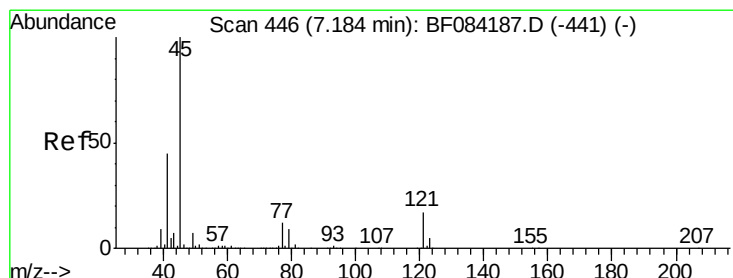
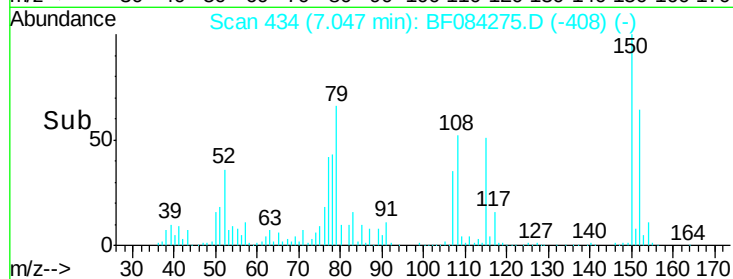
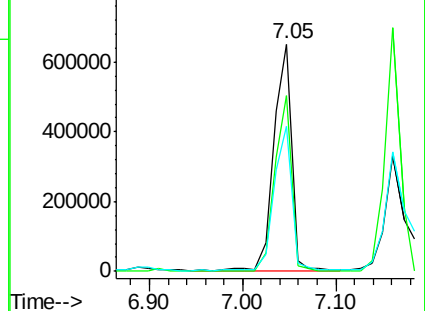
77 64.0 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.15 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

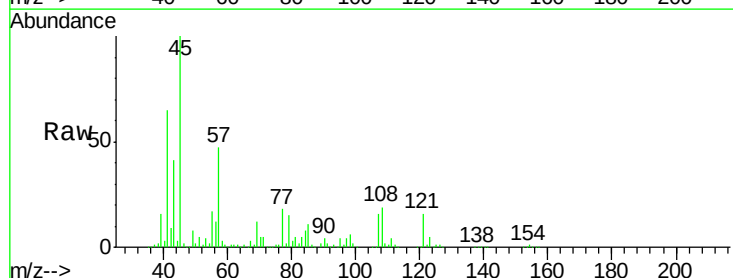
Tgt Ion: 45 Resp: 1450263

Ion Ratio Lower Upper

45 100

77 17.7 0.0 39.6

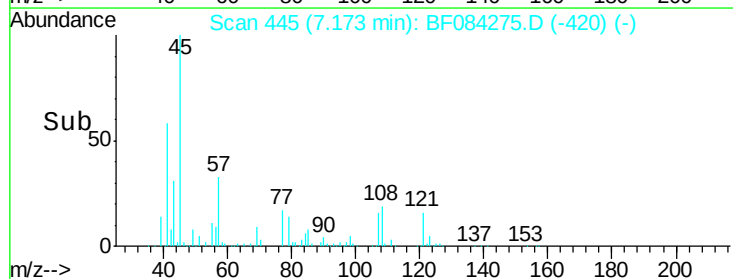
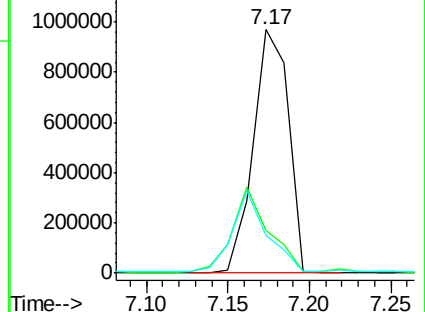
79 15.3 0.0 35.0

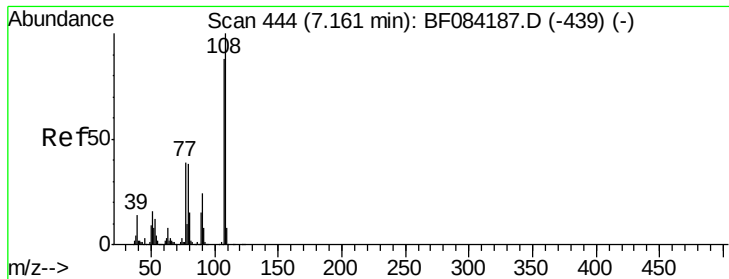


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 58.18 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.16 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 902180

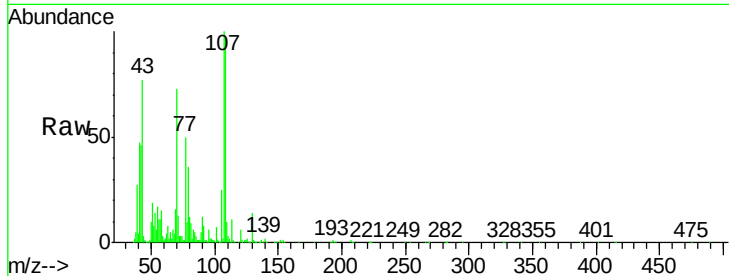
Ion Ratio Lower Upper

107 100

108 97.5 89.8 134.6

77 49.9 35.7 53.5

79 35.9 35.7 53.5

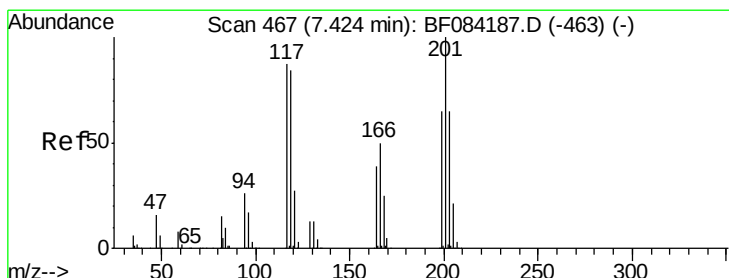
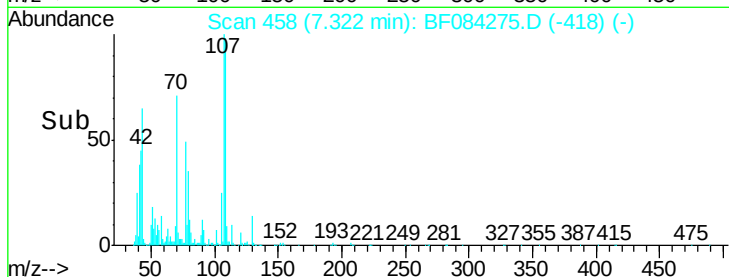
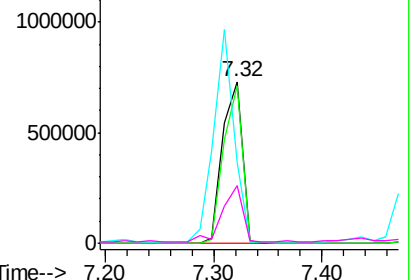


Abundance Ion 107.00 (106.70 to 107.70): E

1500000 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: 55.83 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

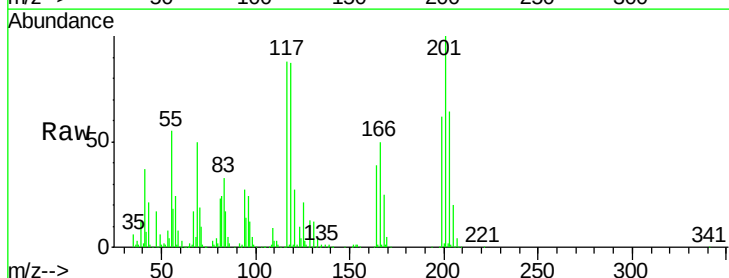
Tgt Ion:117 Resp: 427301

Ion Ratio Lower Upper

117 100

119 98.5 77.4 116.0

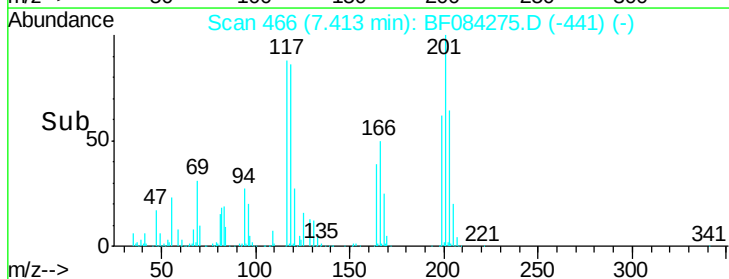
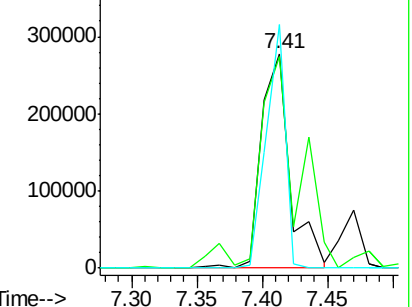
201 113.6 68.6 103.0#

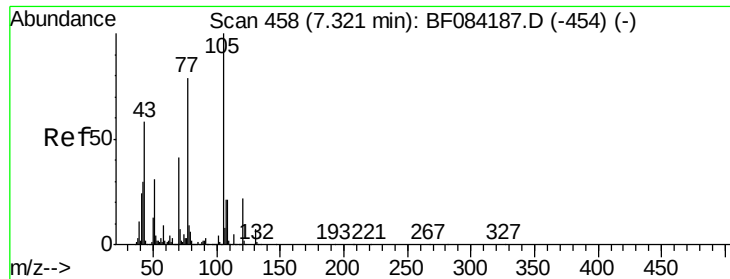


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

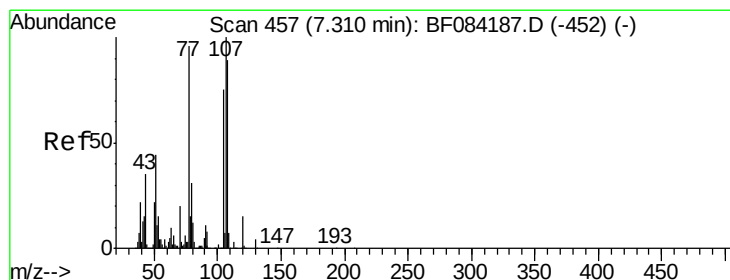
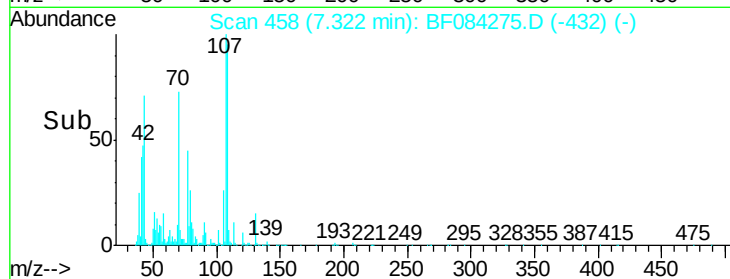
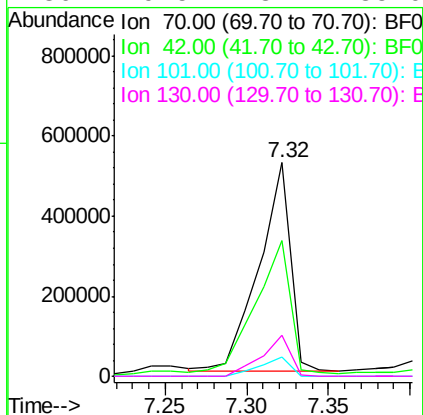
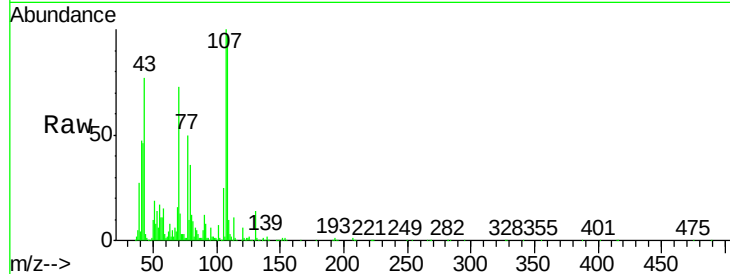




#19
n-Nitroso-di-n-propylamine
Concen: 50.33 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

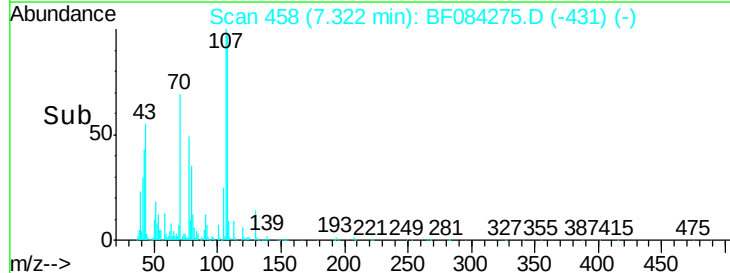
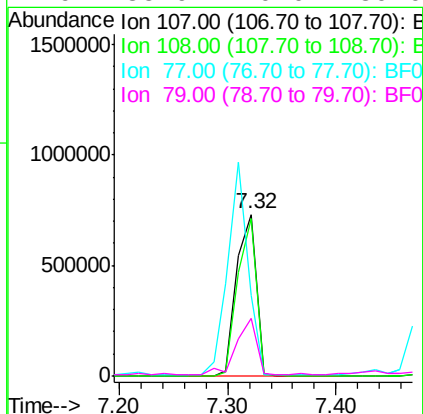
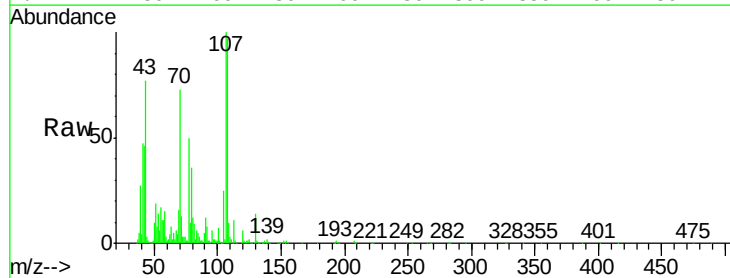
Instrument :
BNA_F
ClientSampleId :

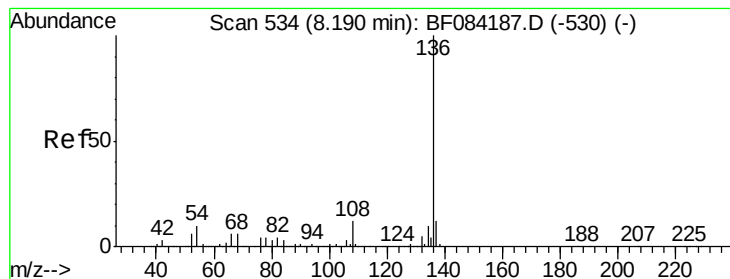
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	33.3	49.9#
101	8.9	9.3	13.9#
130	19.5	23.4	35.0#



#20
3+4-Methylphenols
Concen: 49.50 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.5	74.6	114.6
77	49.9	0.7	40.7#
79	35.9	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 914894

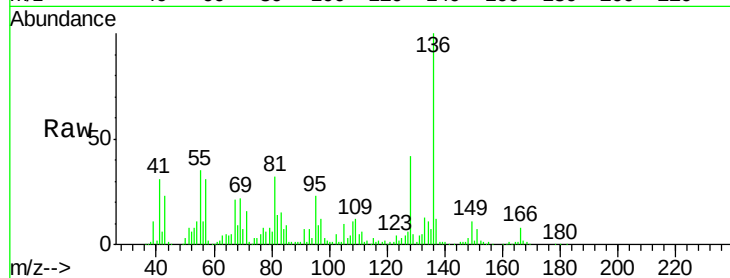
Ion Ratio Lower Upper

136 100

137 12.4 8.7 13.1

54 10.7 5.8 8.8#

68 9.0 4.2 6.2#

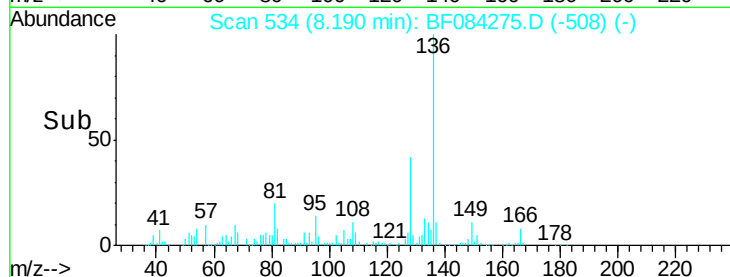


Abundance Ion 136.00 (135.70 to 136.70): E

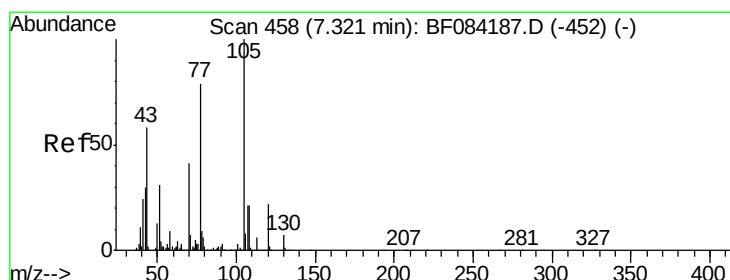
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 53.96 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Tgt Ion:105 Resp: 1187187

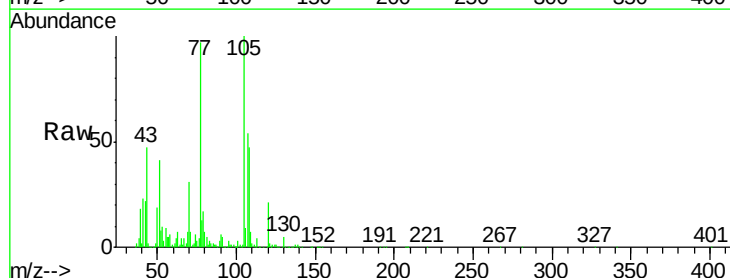
Ion Ratio Lower Upper

105 100

71 6.6 3.7 5.5#

51 41.1 25.1 37.7#

120 20.8 16.6 25.0

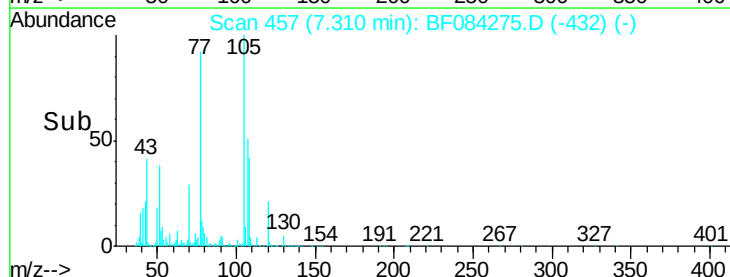


Abundance Ion 105.00 (104.70 to 105.70): E

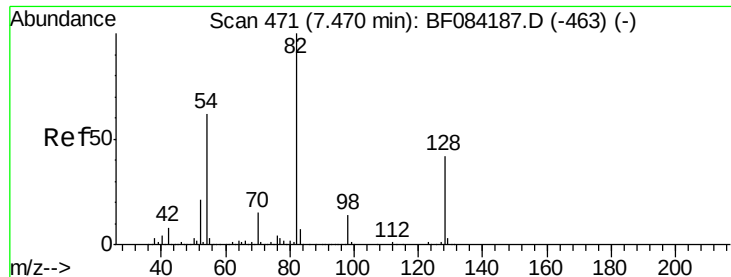
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

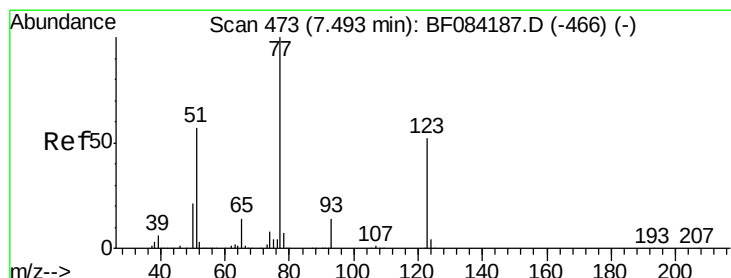
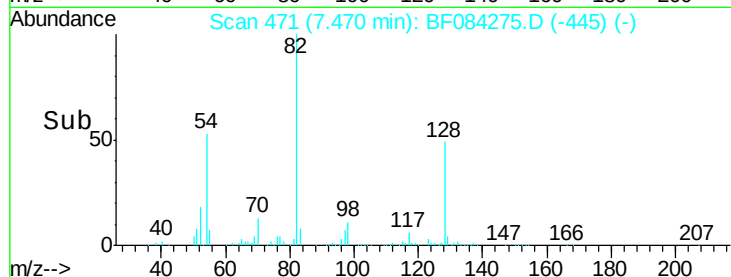
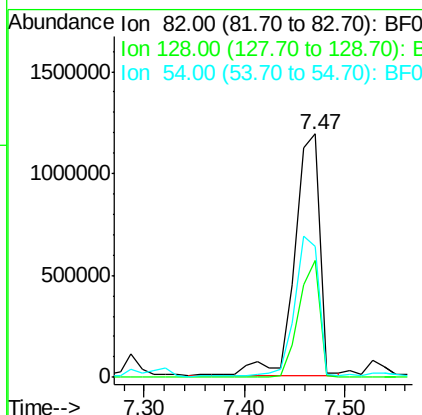
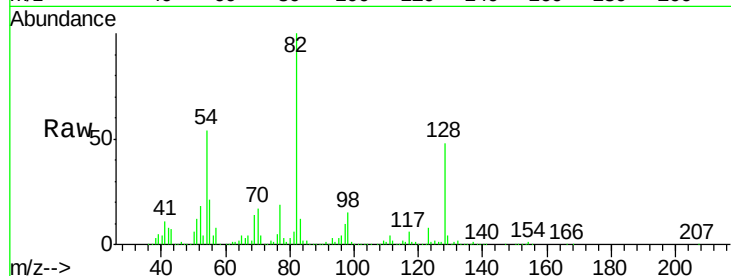


#23
 Nitrobenzene-d5
 Concen: 124.05 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2039140

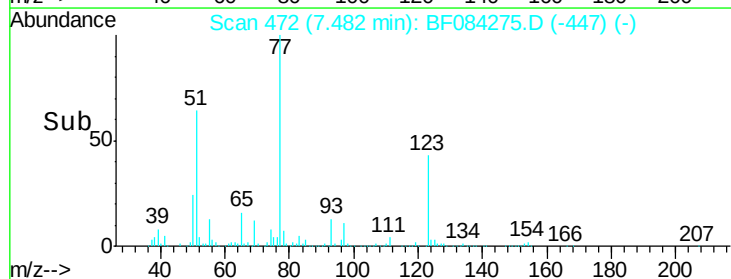
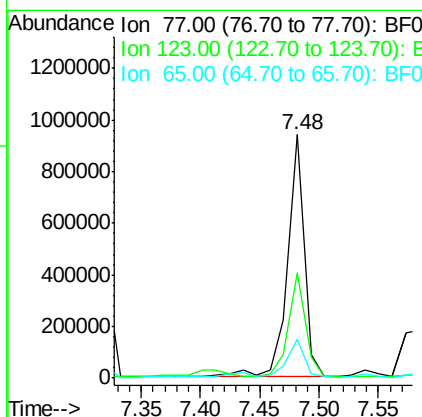
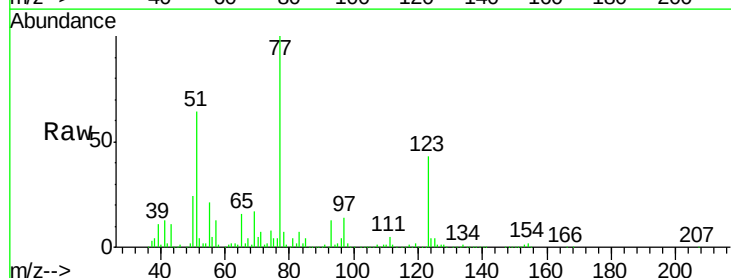
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.6	51.8
54	54.0	38.4	57.6

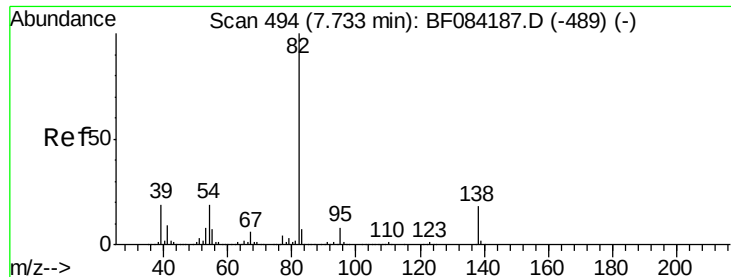


#24
 Nitrobenzene
 Concen: 54.36 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion: 77 Resp: 906267

Ion	Ratio	Lower	Upper
77	100		
123	43.2	37.4	56.2
65	15.8	10.9	16.3





#25

Isophorone

Concen: 56.53 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

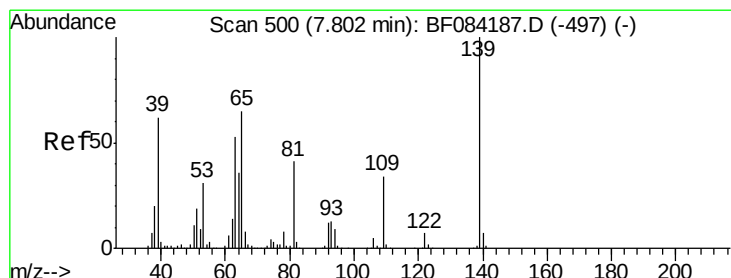
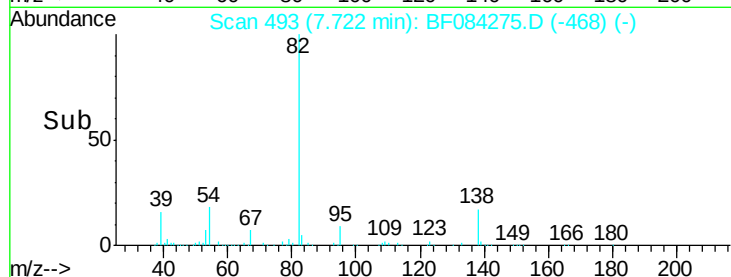
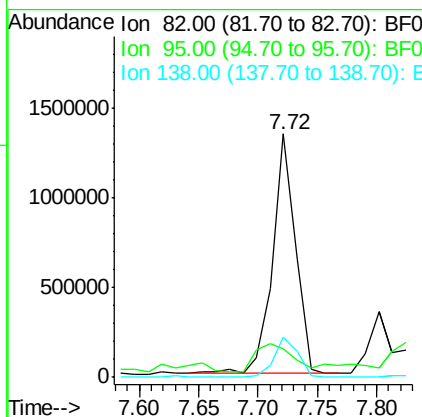
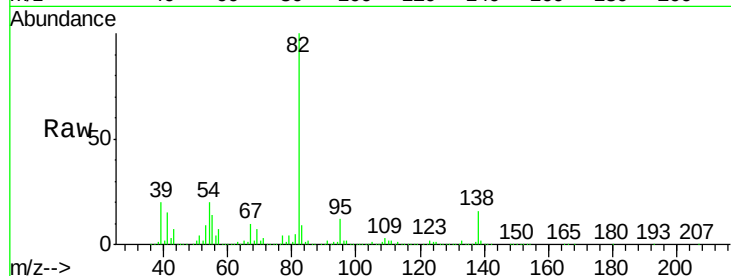
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1777137

Ion	Ratio	Lower	Upper
82	100		
95	11.6	6.6	10.0#
138	16.3	13.6	20.4



#26

2-Nitrophenol

Concen: 62.51 ng

RT: 7.80 min Scan# 500

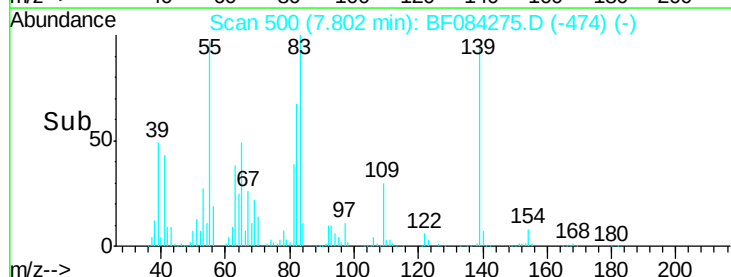
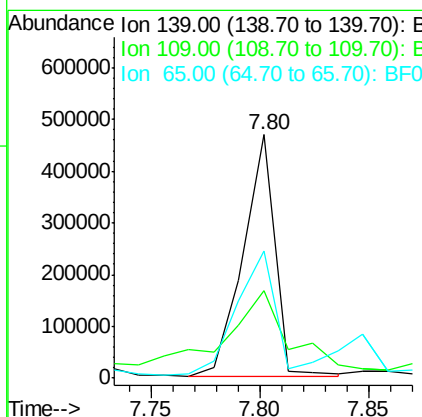
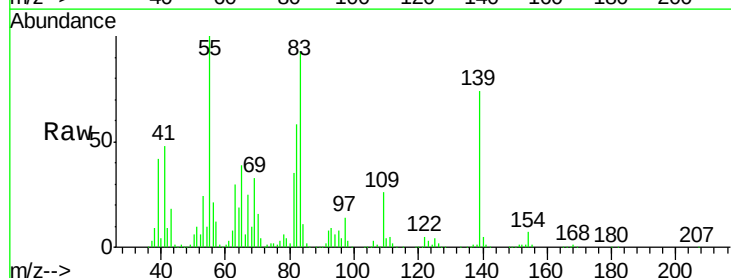
Delta R.T. 0.00 min

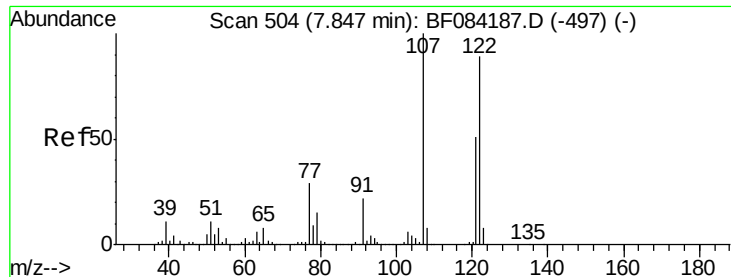
Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Tgt Ion: 139 Resp: 474314

Ion	Ratio	Lower	Upper
139	100		
109	35.7	25.4	38.2
65	52.2	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 50.69 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

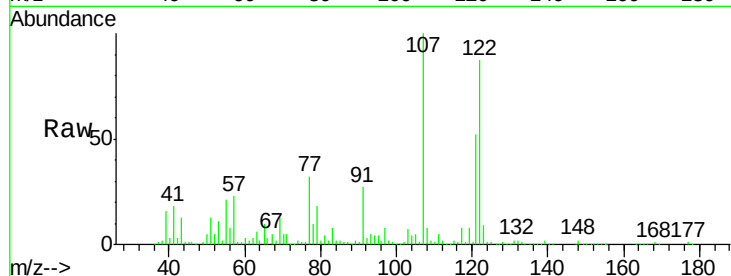
Tot Ion:122 Resp: 778545

Ion Ratio Lower Upper

122 100

107 114.4 99.1 148.7

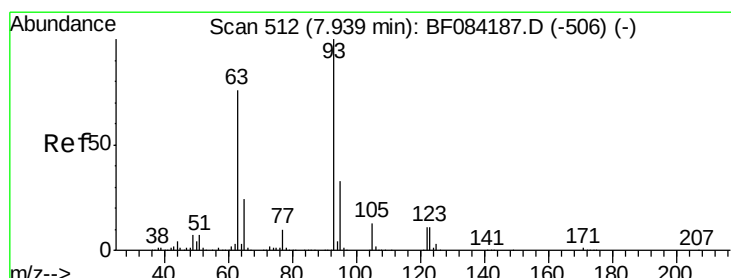
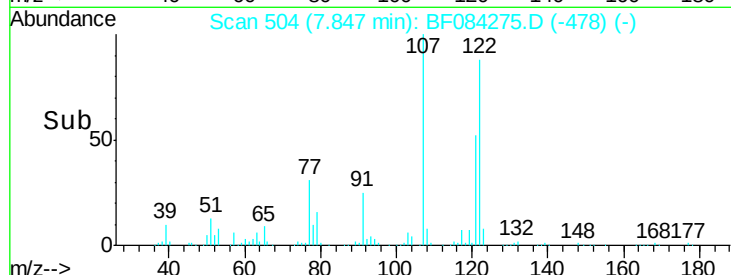
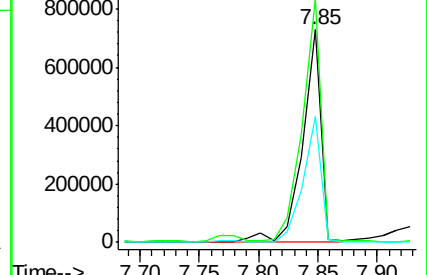
121 59.0 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.09 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

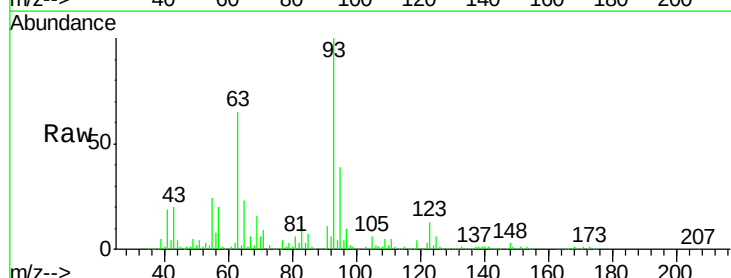
Tgt Ion: 93 Resp: 1077159

Ion Ratio Lower Upper

93 100

95 38.9 25.8 38.6#

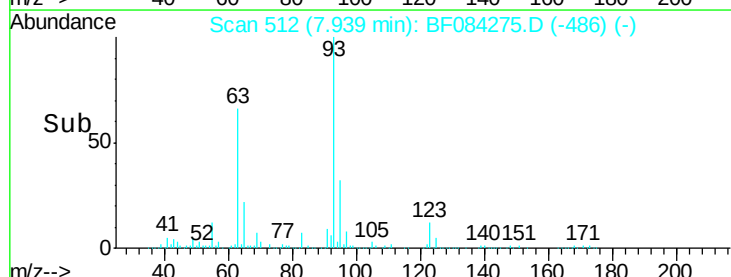
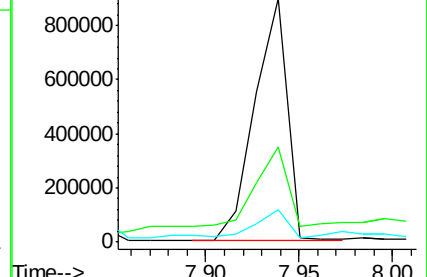
123 13.2 8.6 12.8#

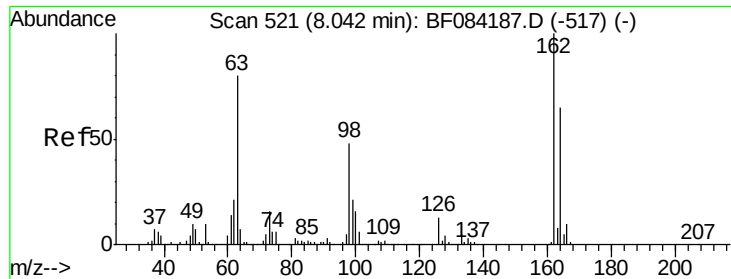


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

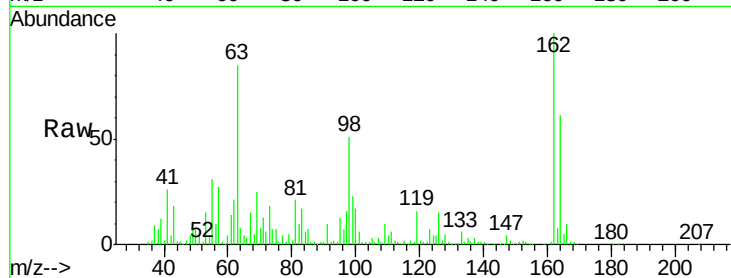




#29
 2,4-Dichlorophenol
 Concen: 54.73 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.2	44.1	84.1
98	50.8	20.2	60.2

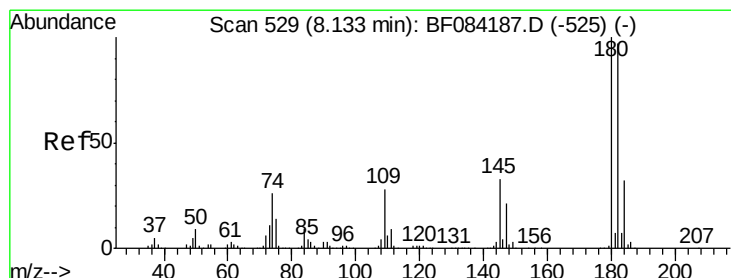
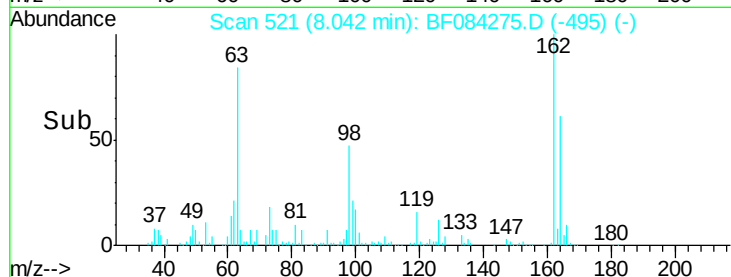
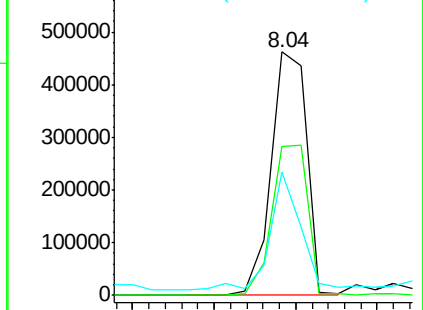


Abundance

Ion 162.00 (161.70 to 162.70): E

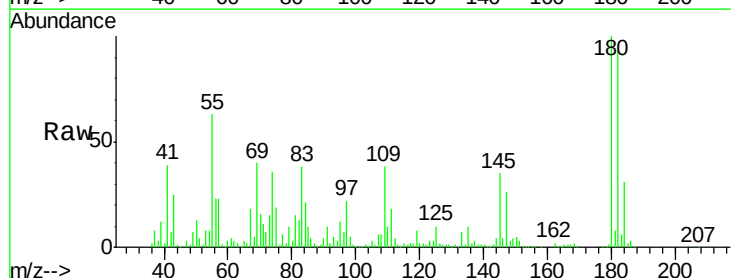
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 51.71 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.4	114.6
145	34.8	31.6	47.4

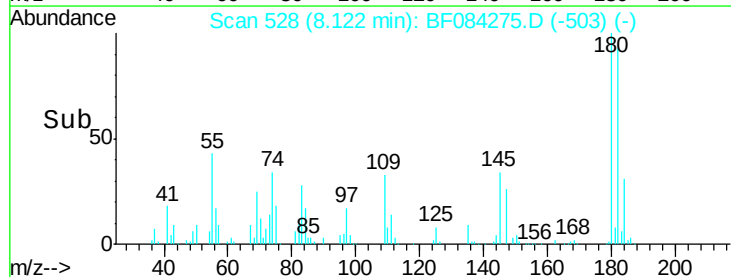
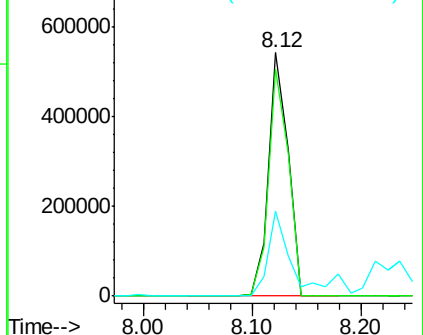


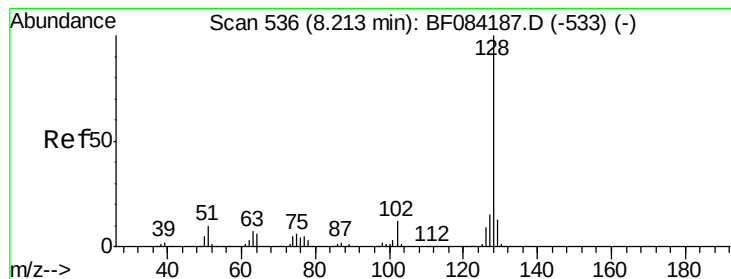
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 58.31 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

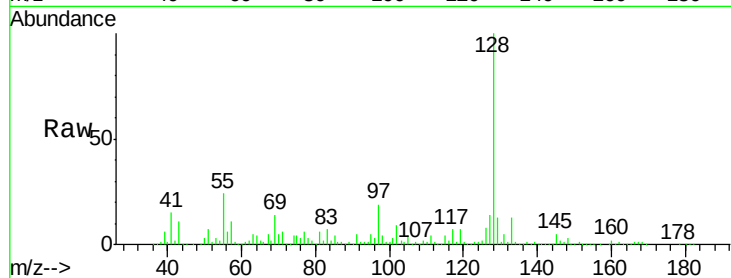
Tot Ion:128 Resp: 2420196

Ion Ratio Lower Upper

128 100

129 12.7 9.1 13.7

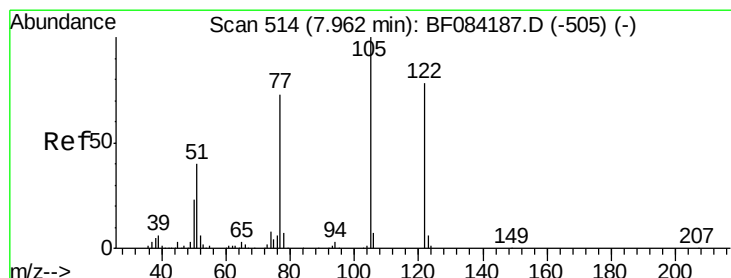
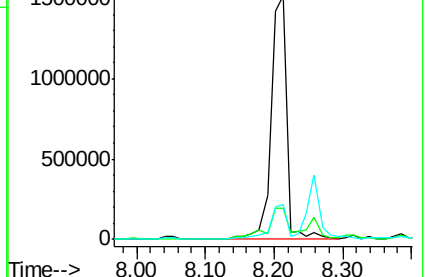
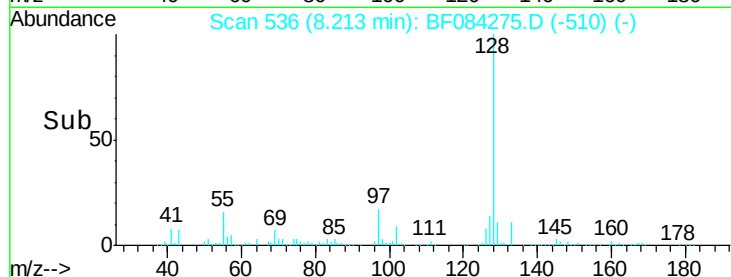
127 14.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.50 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

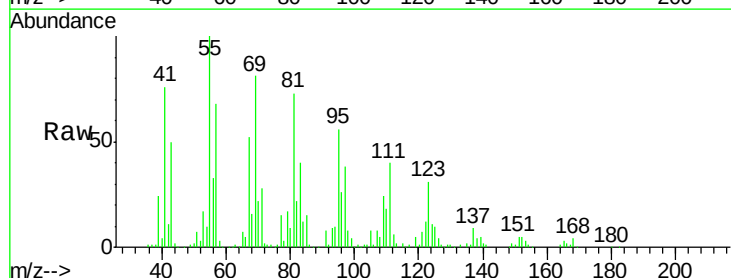
Tgt Ion:122 Resp: 25572

Ion Ratio Lower Upper

122 100

105 63.9 100.3 140.3#

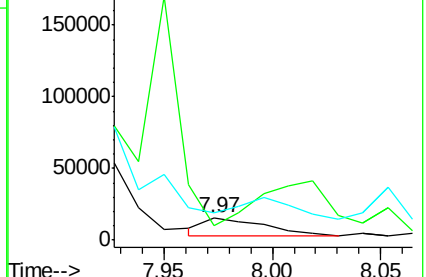
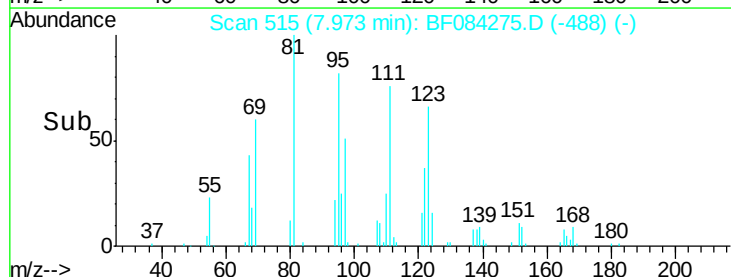
77 118.5 63.5 103.5#

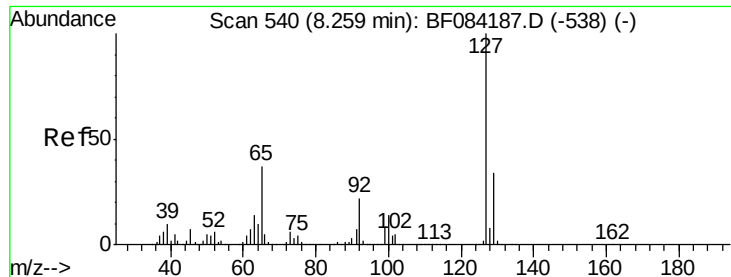


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

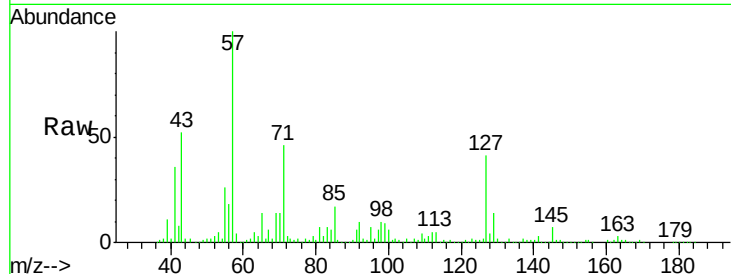




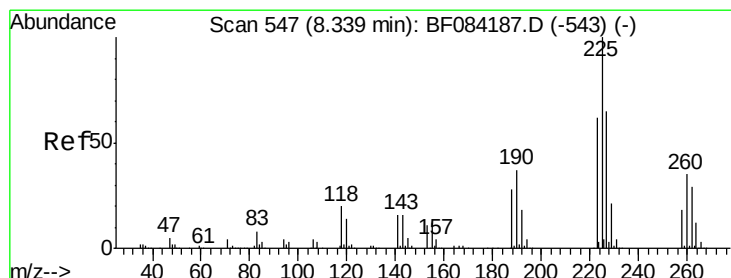
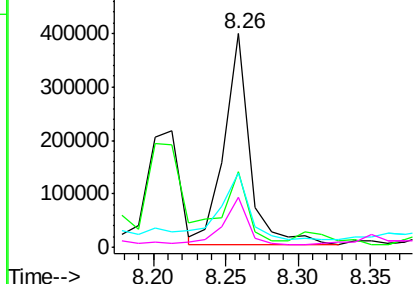
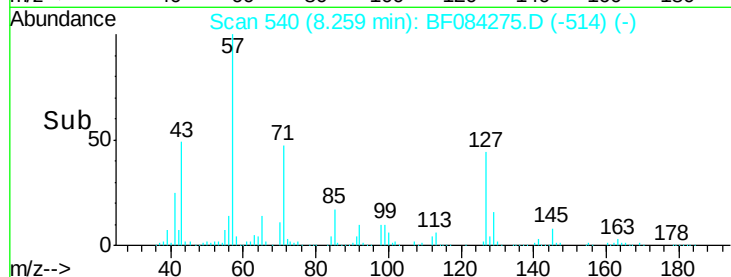
#33
4-Chloroaniline
Concen: 25.40 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	483373
Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.5	39.7
65	34.6	27.2	40.8
92	23.6	17.7	26.5

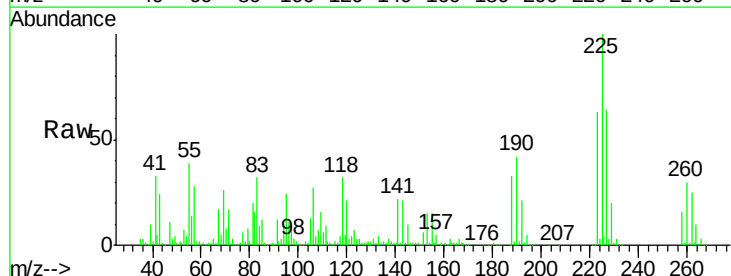


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

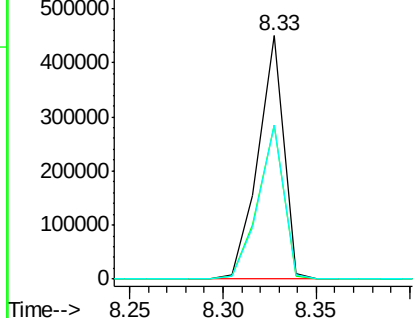
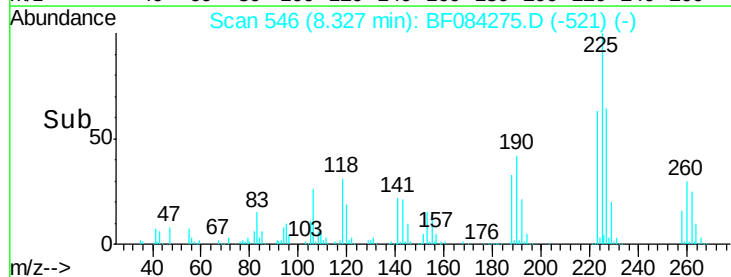


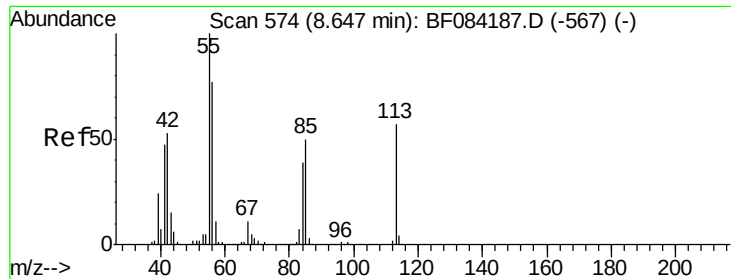
#34
Hexachlorobutadiene
Concen: 56.34 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Tgt Ion:	225	Resp:	427759
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	63.5	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 97.77 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.03 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

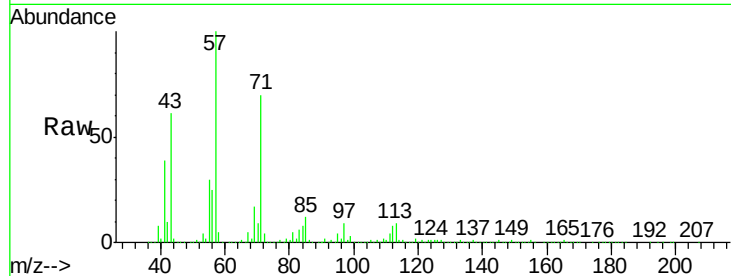
Tot Ion:113 Resp: 421701

Ion Ratio Lower Upper

113 100

55 315.7 116.9 156.9#

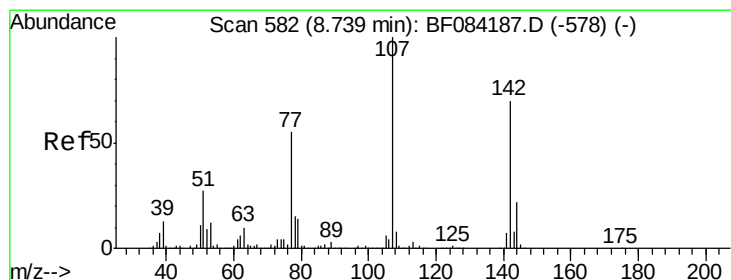
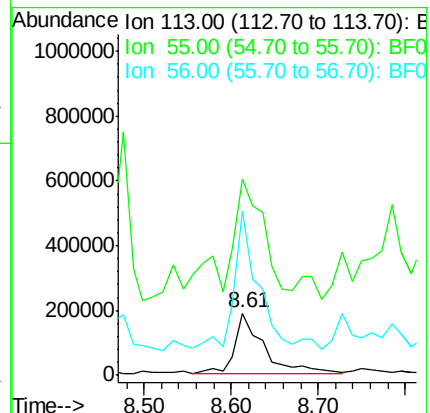
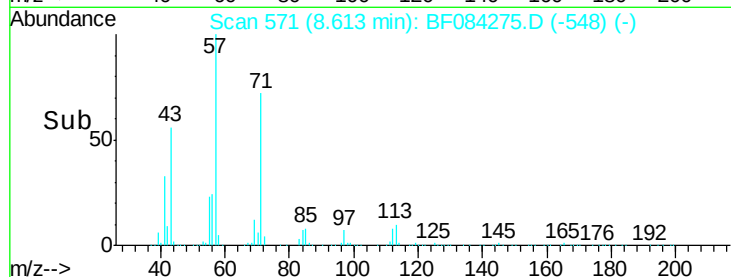
56 265.8 93.8 133.8#



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: 51.01 ng

RT: 8.75 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

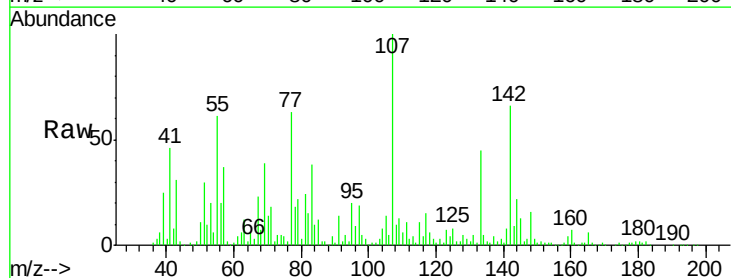
Tgt Ion:107 Resp: 731006

Ion Ratio Lower Upper

107 100

144 22.1 19.7 29.5

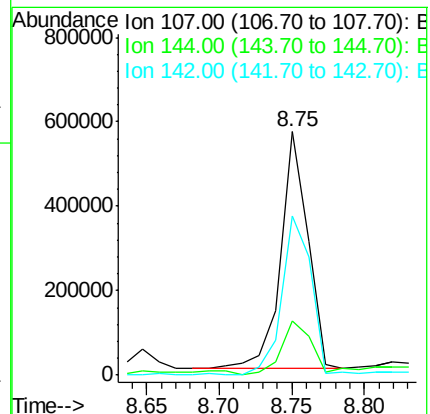
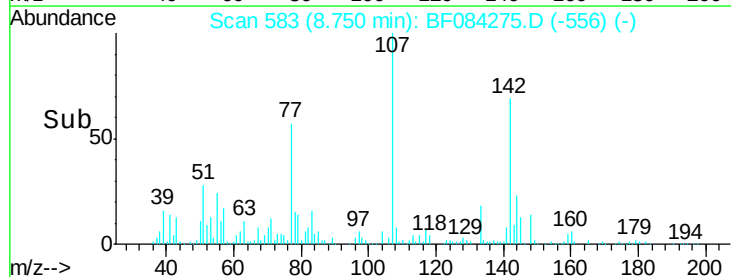
142 65.5 61.8 92.6

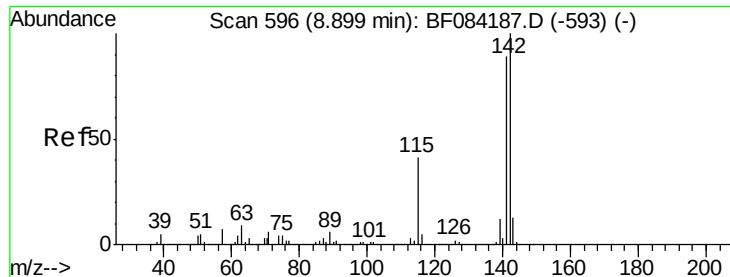


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

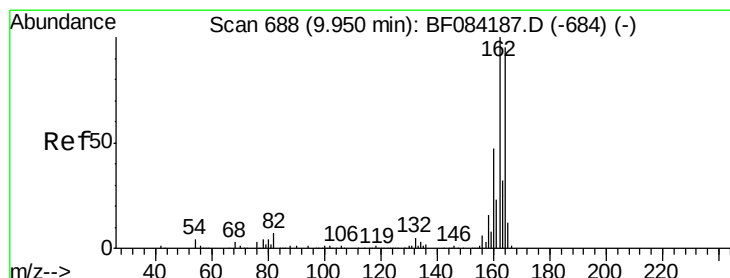
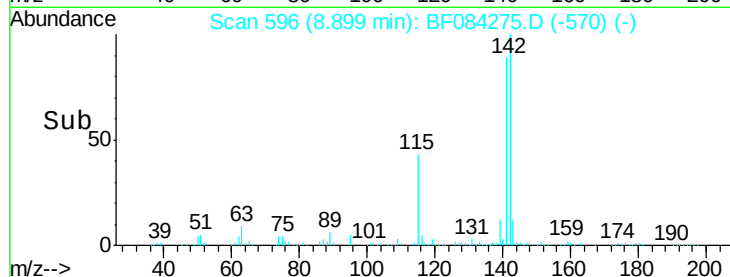
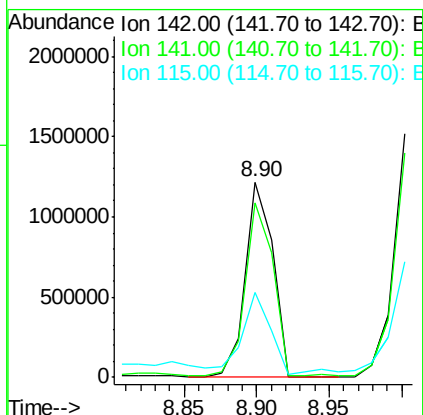
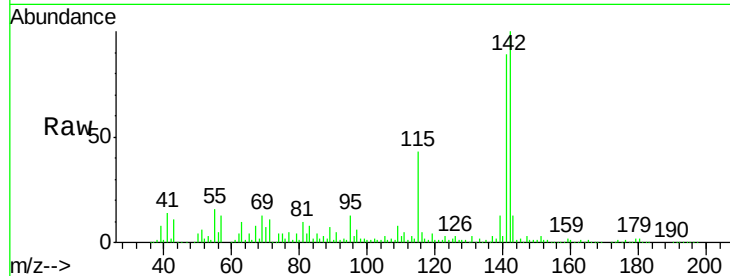




#37
 2-Methylnaphthalene
 Concen: 54.14 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

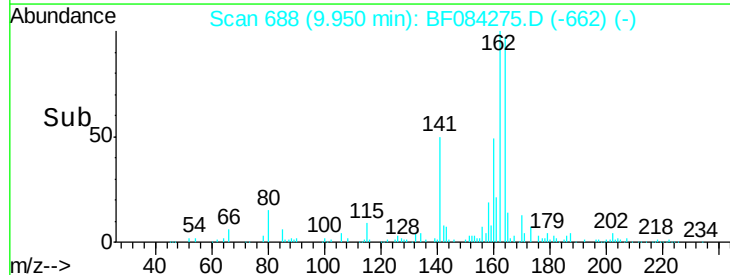
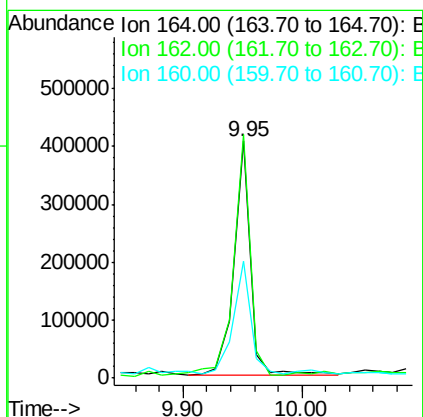
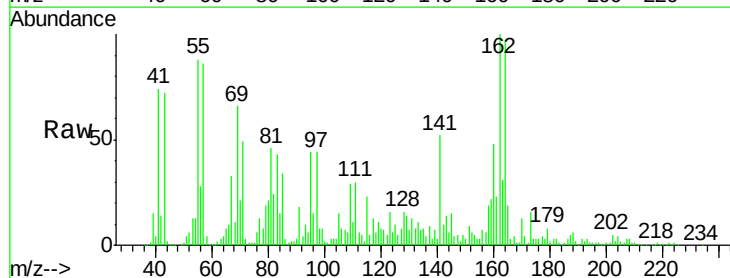
Instrument :
 BNA_F
 ClientSampleId :

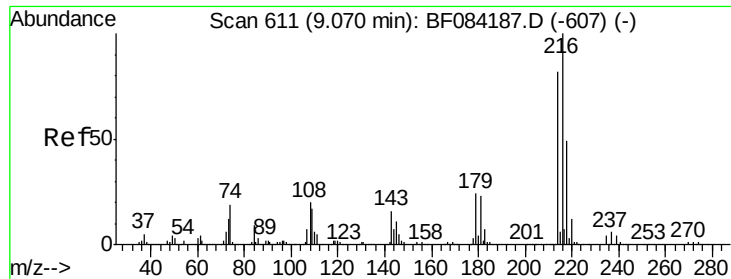
Tot Ion:142 Resp: 1613178
 Ion Ratio Lower Upper
 142 100
 141 89.2 72.4 108.6
 115 43.4 27.9 41.9#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion:164 Resp: 385214
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.1 127.7
 160 49.3 37.5 56.3

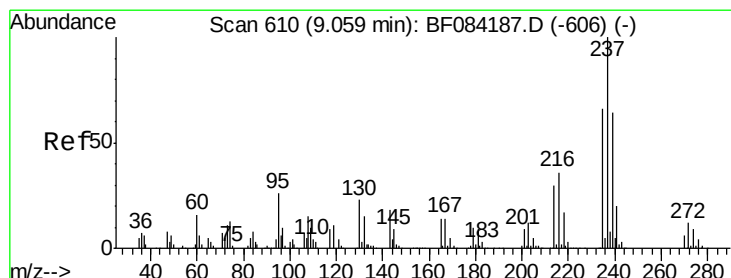
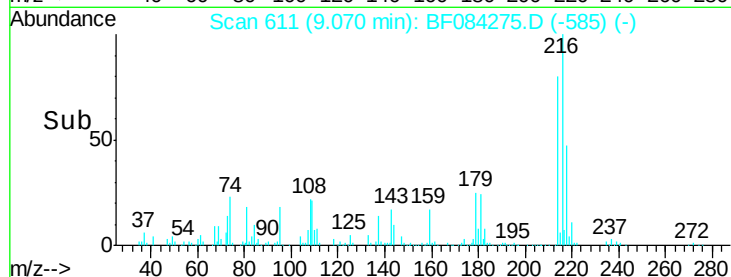
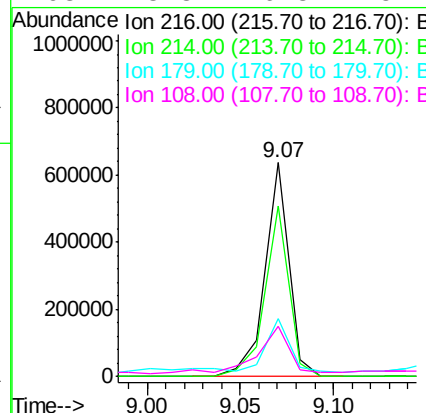
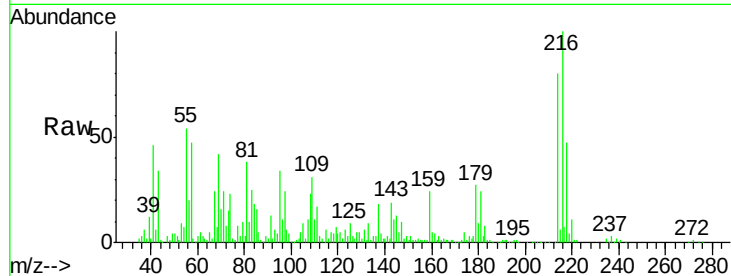




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.54 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

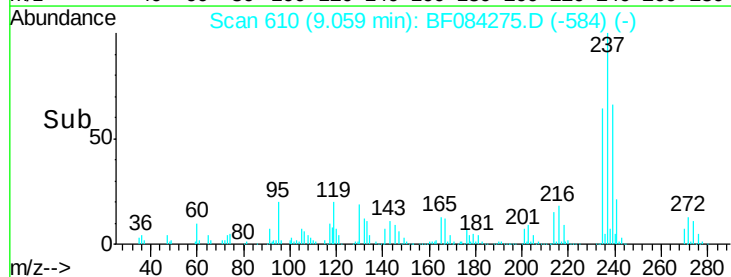
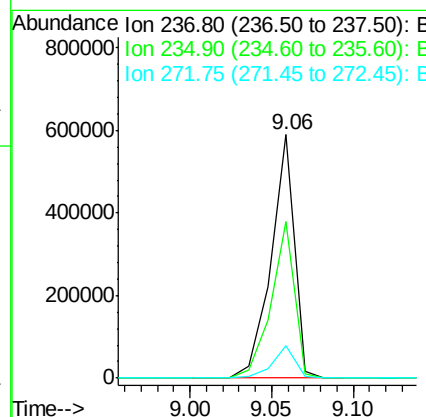
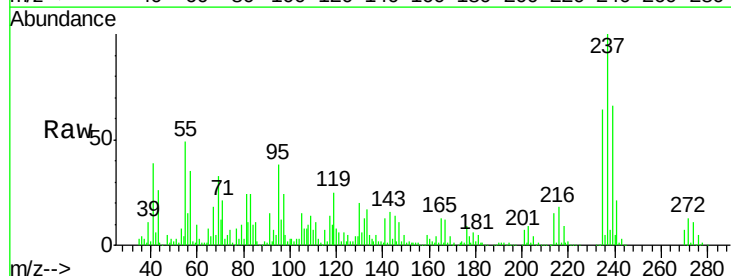
Instrument :
 BNA_F
 ClientSampled :

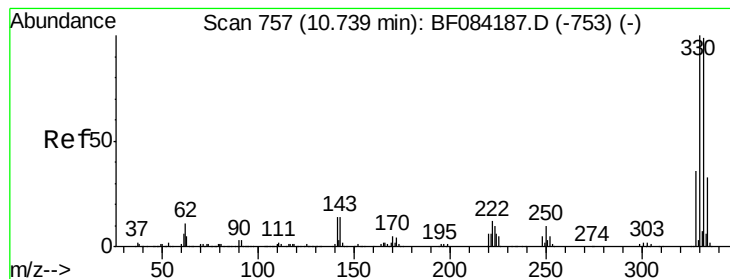
Tot Ion:	216	Resp:	559643
Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.2	96.2
179	25.9	18.7	28.1
108	28.8	16.8	25.2#



#40
 Hexachlorocyclopentadiene
 Concen: 87.88 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion:	237	Resp:	587492
Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.1	83.1
272	13.1	0.0	35.1





#41

2,4,6-Tribromophenol

Concen: 143.40 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

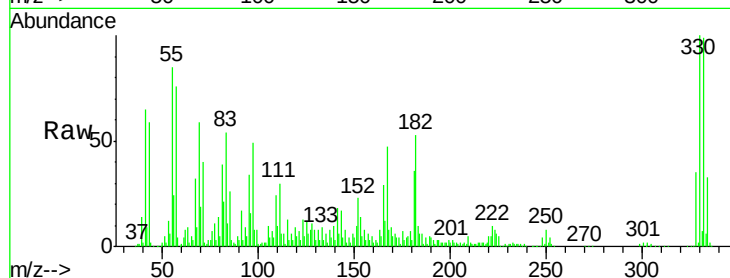
Tot Ion:330 Resp: 557705

Ion Ratio Lower Upper

330 100

332 98.4 76.6 114.8

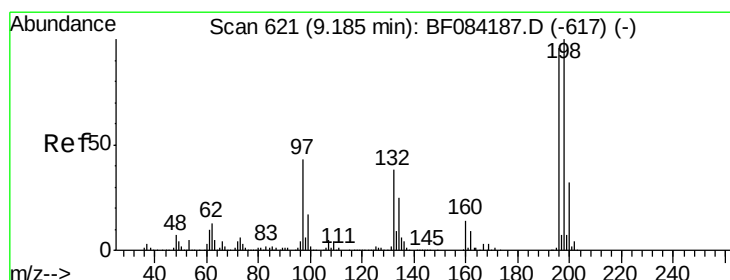
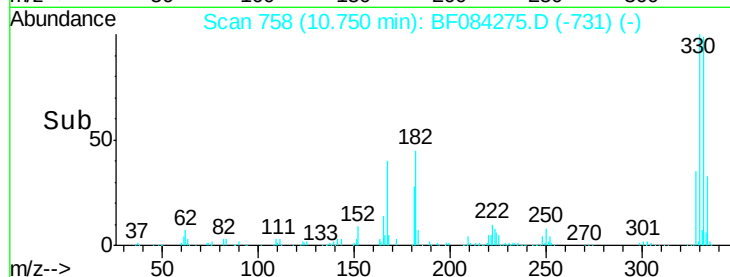
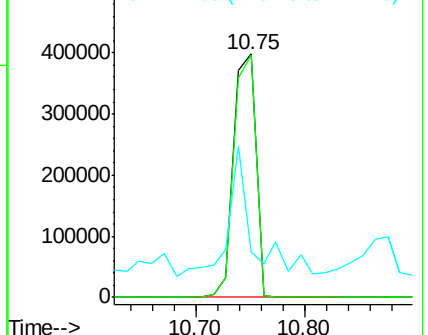
141 33.6 27.8 41.6



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: 50.57 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

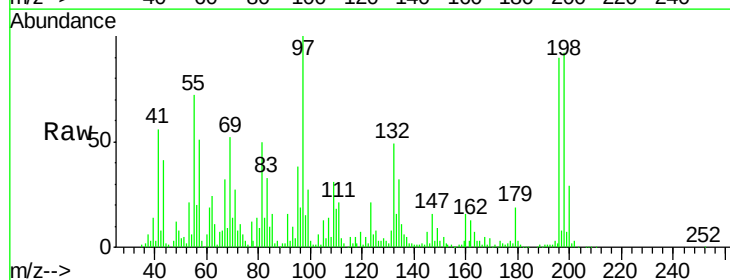
Tgt Ion:196 Resp: 418952

Ion Ratio Lower Upper

196 100

198 101.9 77.7 116.5

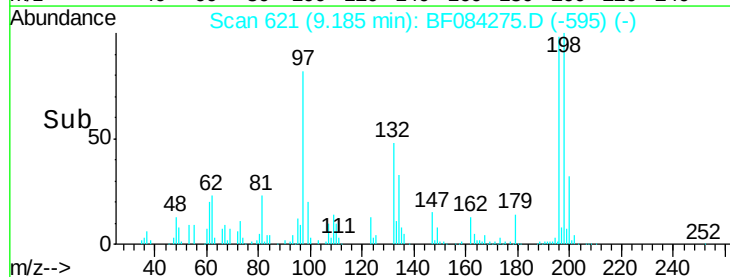
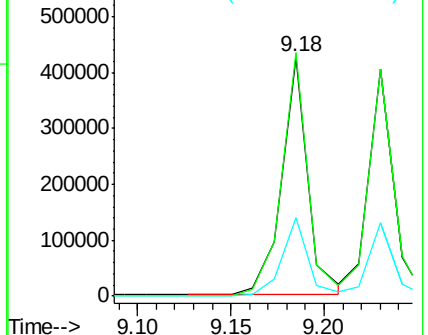
200 32.6 24.6 37.0

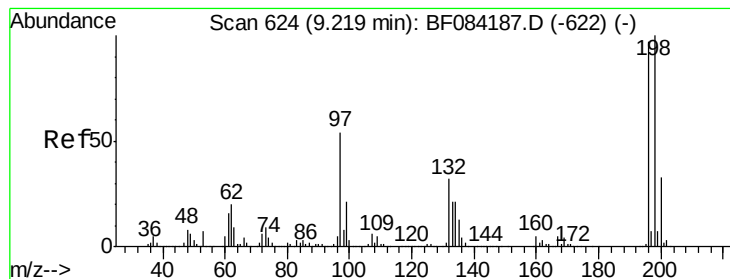


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 46.27 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 367528

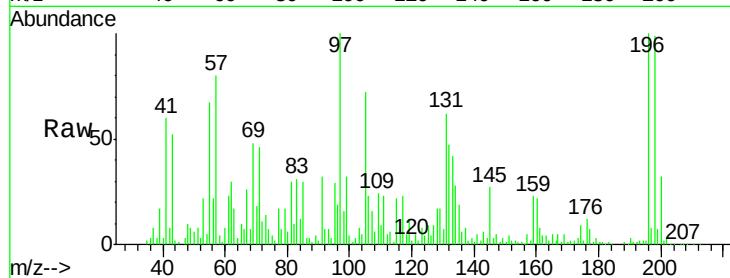
Ion Ratio Lower Upper

196 100

198 99.8 79.0 118.6

97 100.5 33.0 49.6#

132 47.7 21.1 31.7#

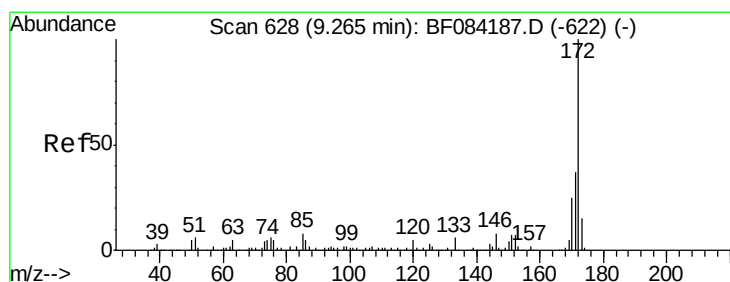
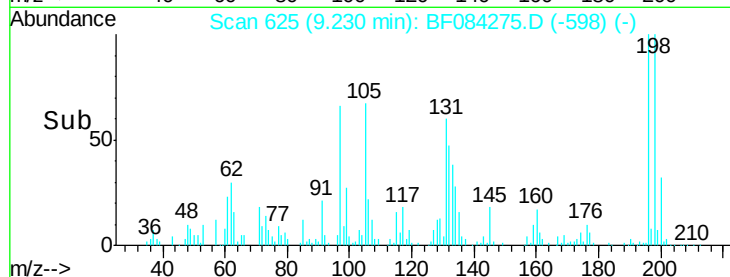
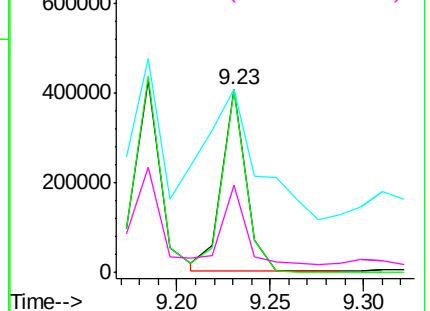


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 100.72 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

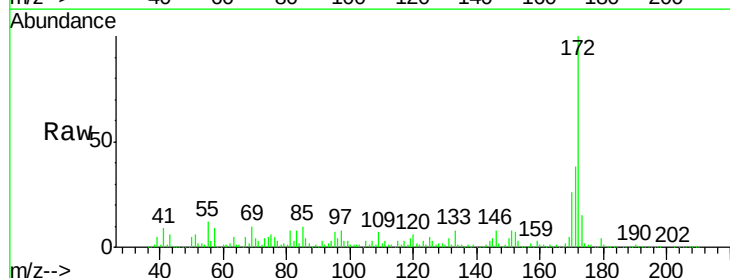
Tgt Ion:172 Resp: 2179841

Ion Ratio Lower Upper

172 100

171 38.1 28.9 43.3

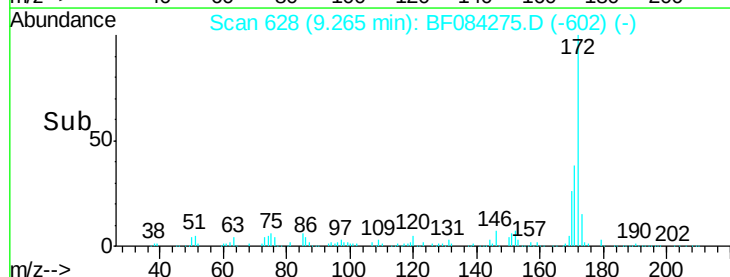
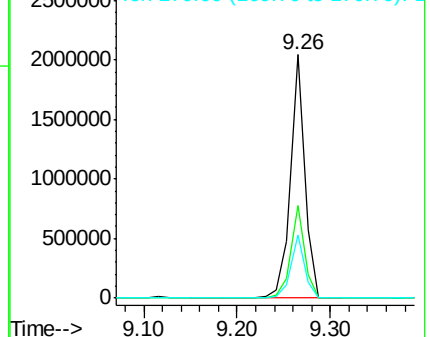
170 25.8 18.6 27.8

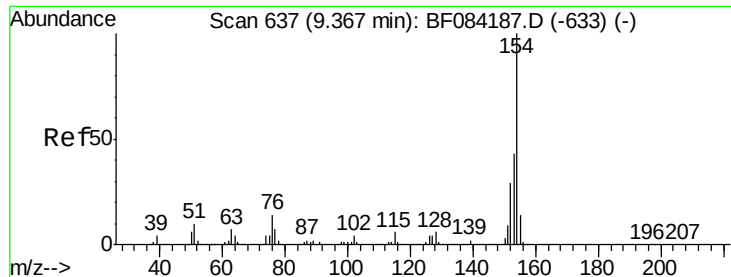


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.33 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

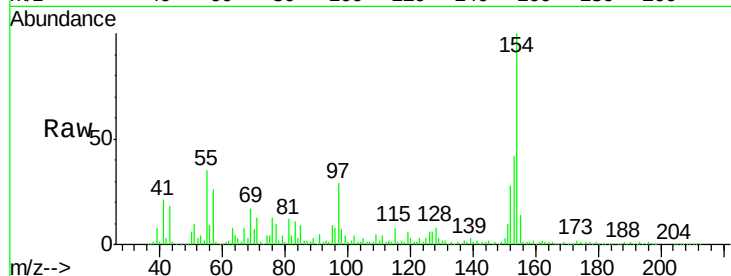
Tot Ion:154 Resp: 1418311

Ion Ratio Lower Upper

154 100

153 42.3 21.6 61.6

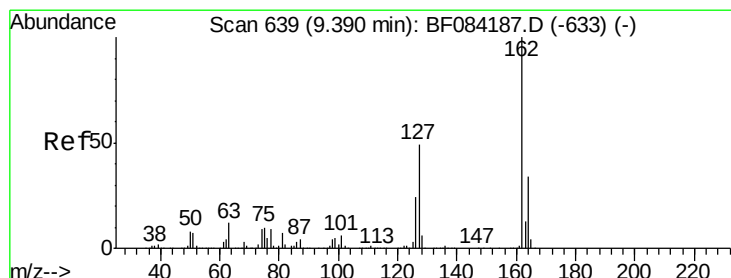
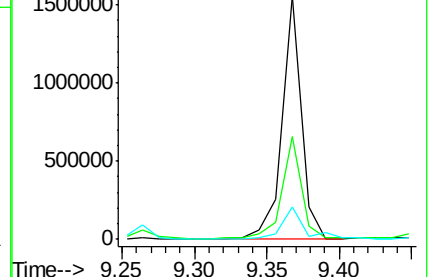
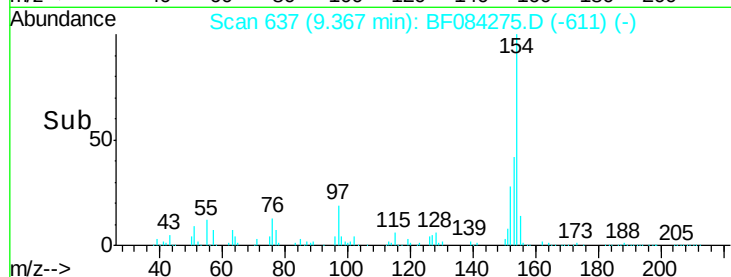
76 13.4 0.0 32.7



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: 45.87 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

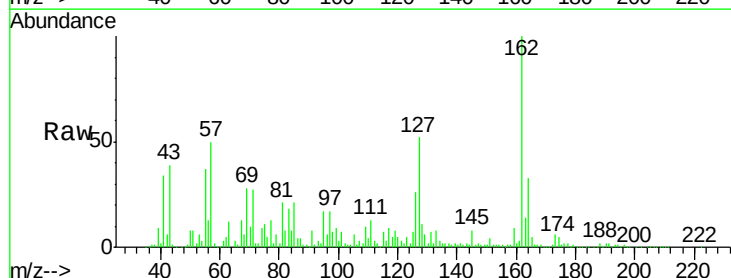
Tgt Ion:162 Resp: 1102966

Ion Ratio Lower Upper

162 100

127 51.6 40.2 60.4

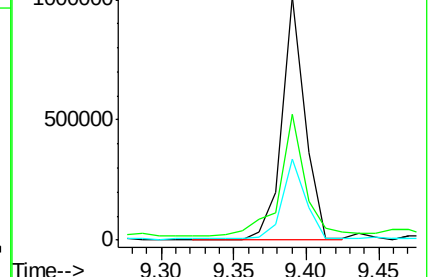
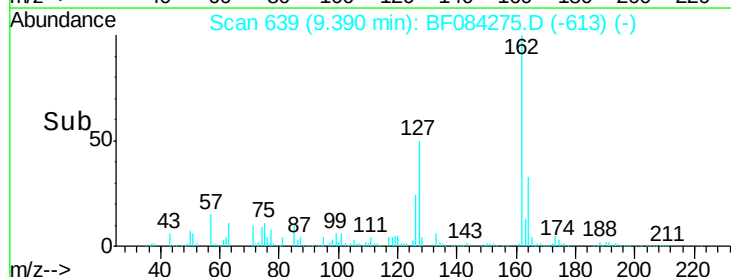
164 33.1 25.7 38.5

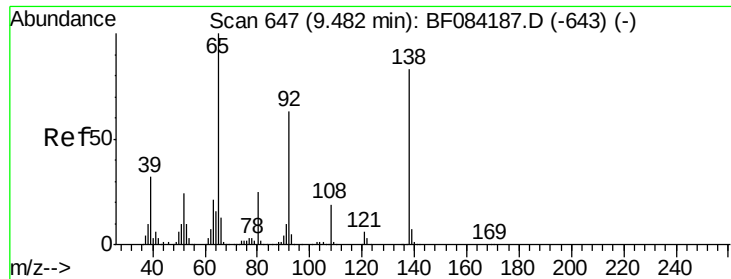


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 65.80 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

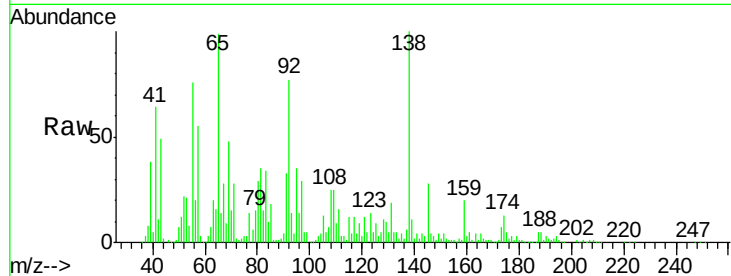
Tot Ion: 65 Resp: 522298

Ion Ratio Lower Upper

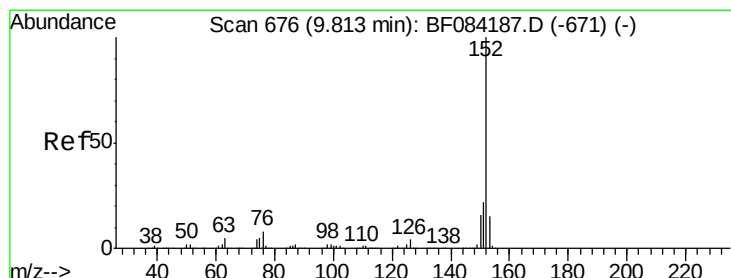
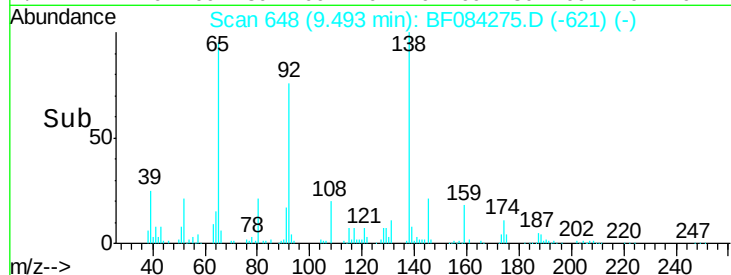
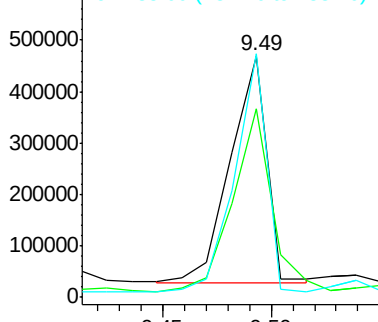
65 100

92 78.0 53.4 80.2

138 101.0 71.1 106.7



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



#48

Acenaphthylene

Concen: 48.38 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

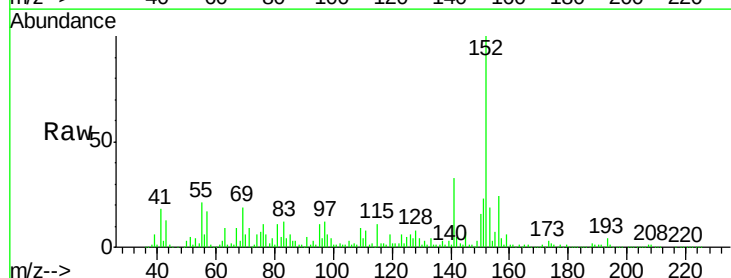
Tgt Ion:152 Resp: 1718816

Ion Ratio Lower Upper

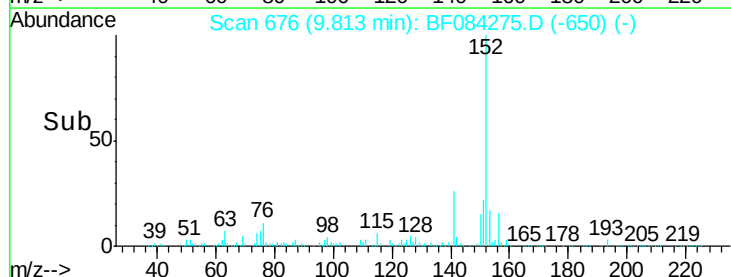
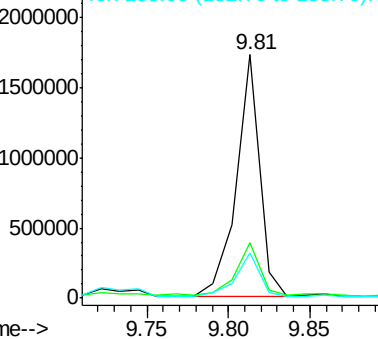
152 100

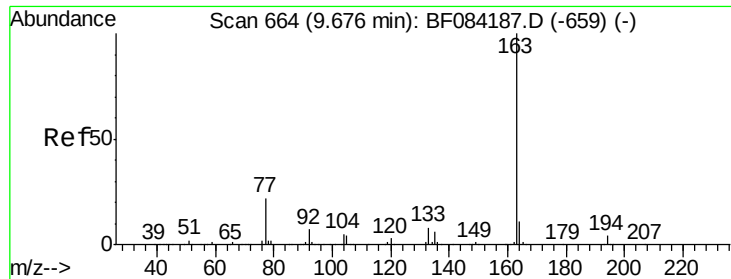
151 22.8 16.3 24.5

153 18.6 10.4 15.6#



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





#49

Dimethylphthalate

Concen: 56.92 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

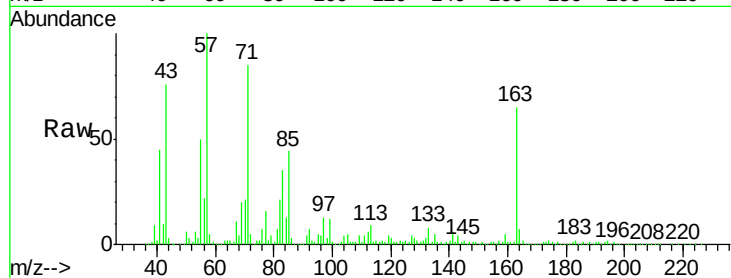
Tot Ion:163 Resp: 1567392

Ion Ratio Lower Upper

163 100

194 3.8 8.0 12.0#

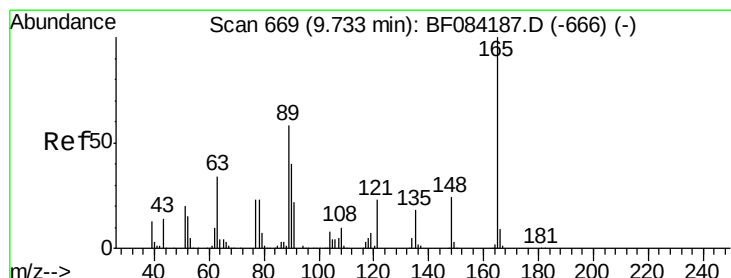
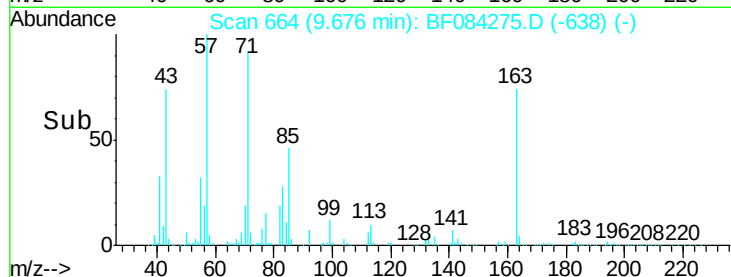
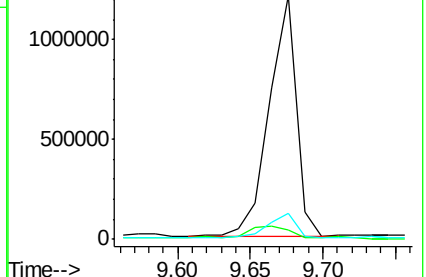
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.08 ng

RT: 9.73 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

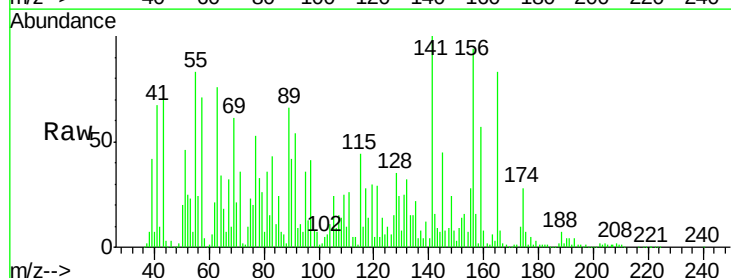
Tgt Ion:165 Resp: 272270

Ion Ratio Lower Upper

165 100

63 92.0 28.8 43.2#

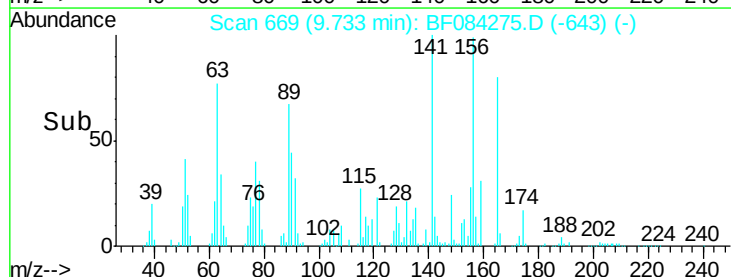
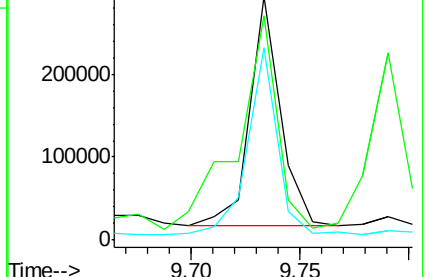
89 79.0 35.1 52.7#

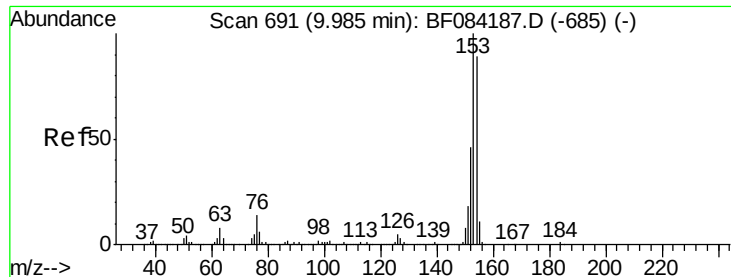


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 53.56 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

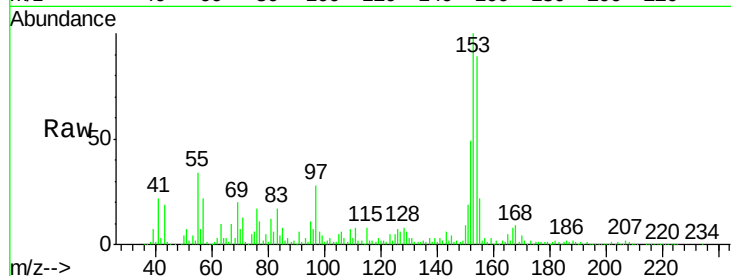
Tot Ion:154 Resp: 1276448

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

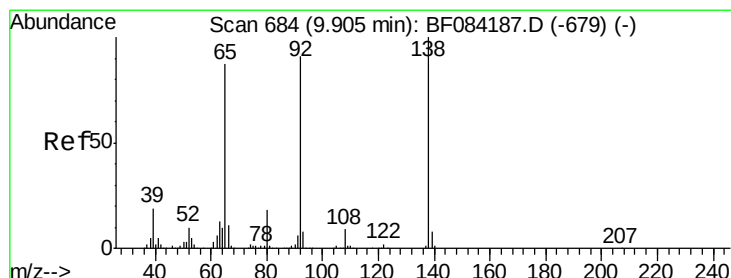
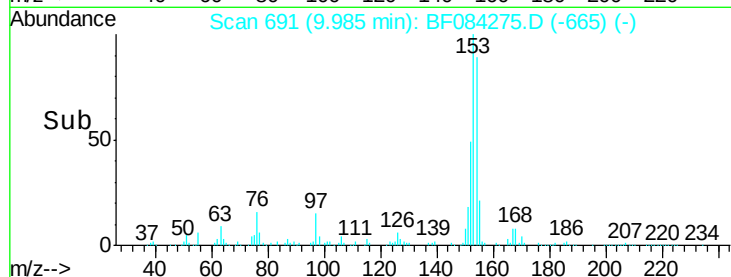
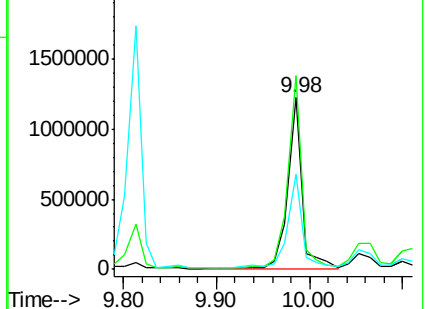
152 55.6 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 45.35 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

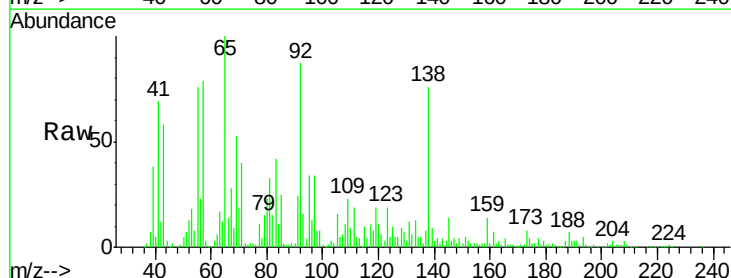
Tgt Ion:138 Resp: 339385

Ion Ratio Lower Upper

138 100

108 14.5 10.5 15.7

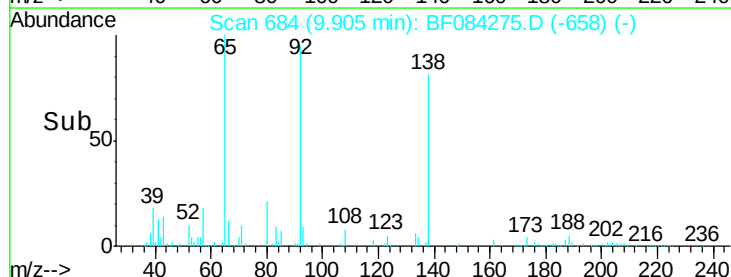
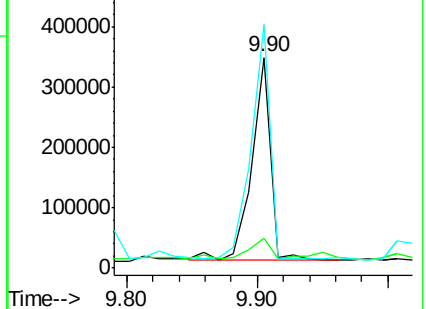
92 115.5 103.9 155.9

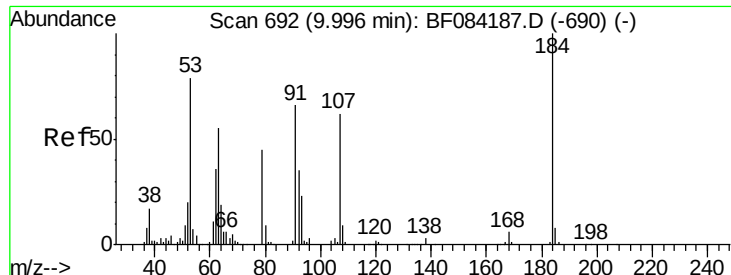


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

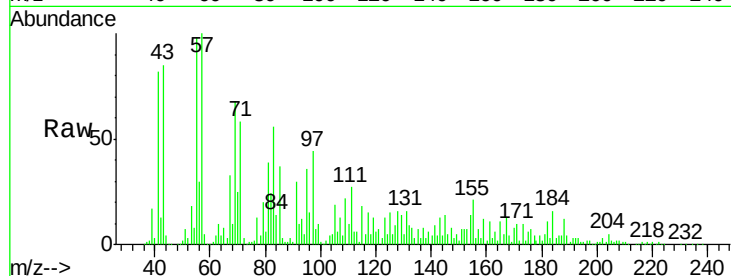




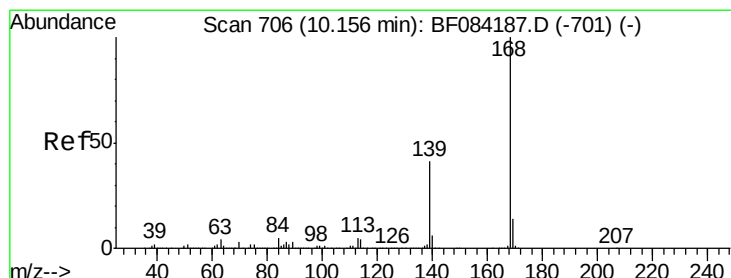
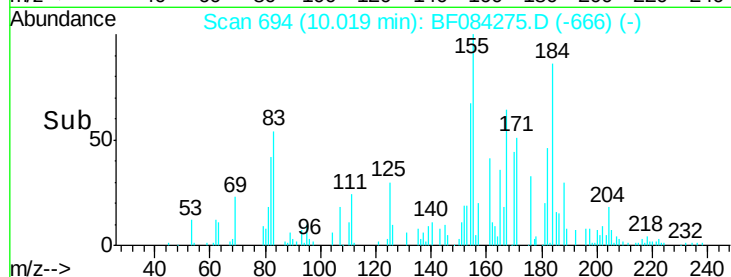
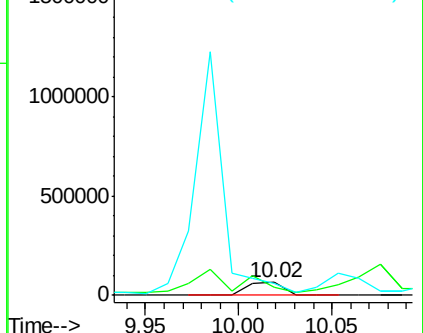
#53
2,4-Dinitrophenol
Concen: 37.15 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.02 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 90460
Ion Ratio Lower Upper
184 100
63 65.2 43.1 64.7#
154 88.1 60.5 90.7

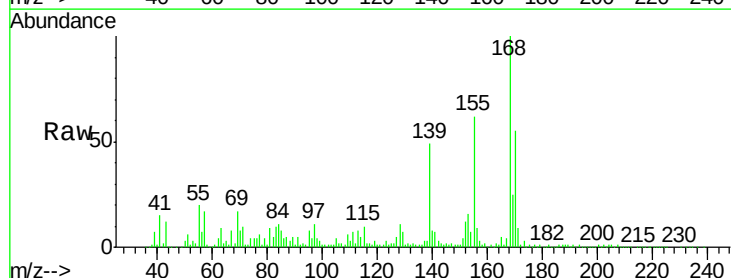


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

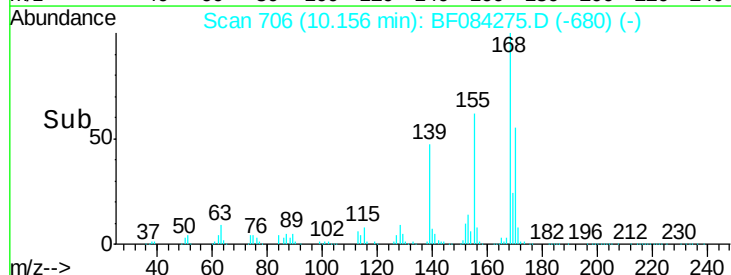
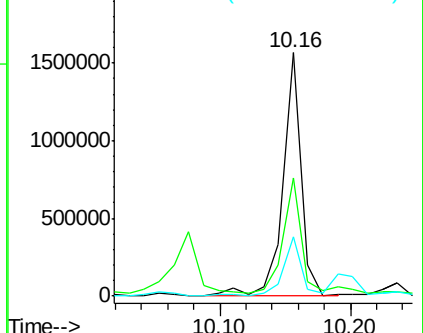


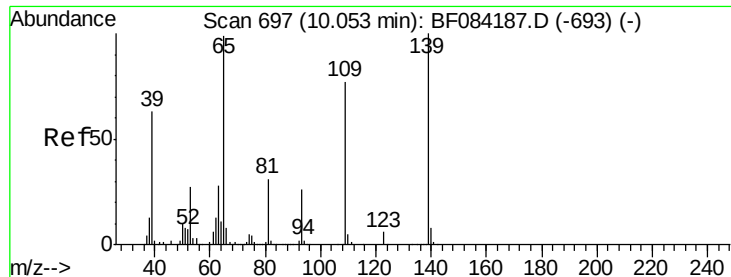
#54
Dibenzofuran
Concen: 49.65 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Tgt Ion:168 Resp: 1522989
Ion Ratio Lower Upper
168 100
139 48.7 30.5 45.7#
169 24.5 10.4 15.6#



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





#55

4-Nitrophenol

Concen: 95.28 ng

RT: 10.08 min Scan# 699

Delta R.T. 0.02 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

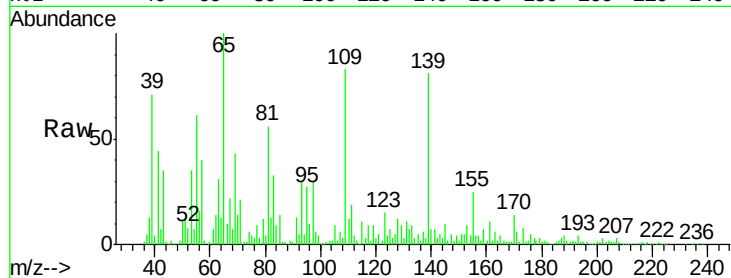
Tot Ion:139 Resp: 517615

Ion Ratio Lower Upper

139 100

109 102.1 58.5 98.5#

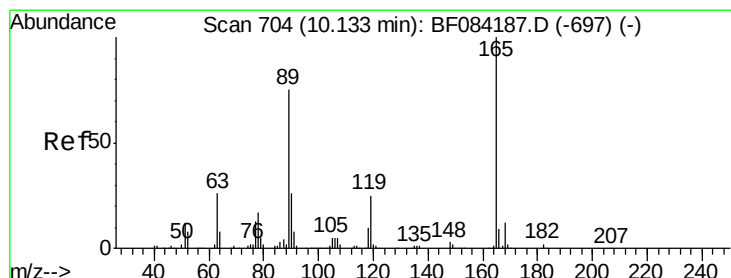
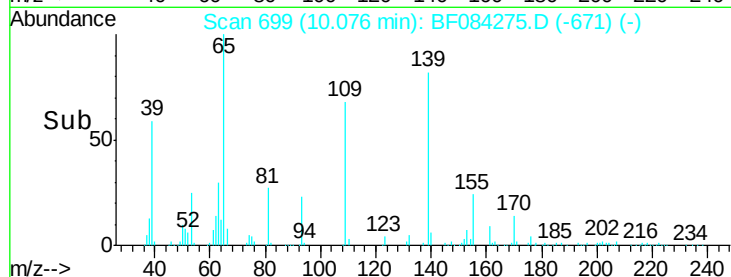
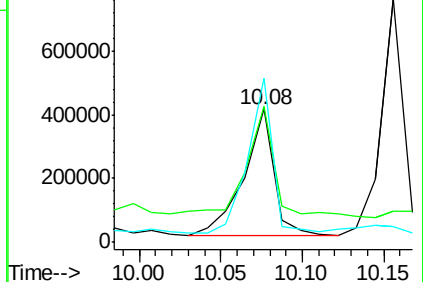
65 122.8 57.6 97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 59.18 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Tgt Ion:165 Resp: 452366

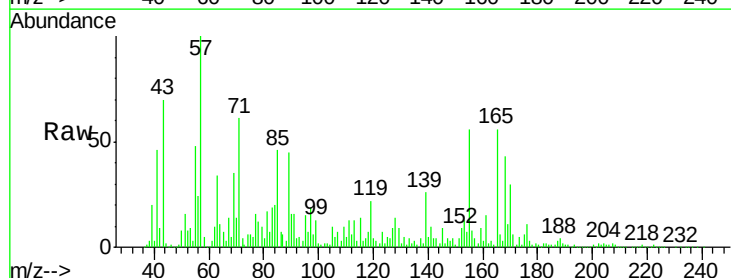
Ion Ratio Lower Upper

165 100

63 60.3 36.7 55.1#

89 80.7 61.9 92.9

182 3.4 2.0 3.0#

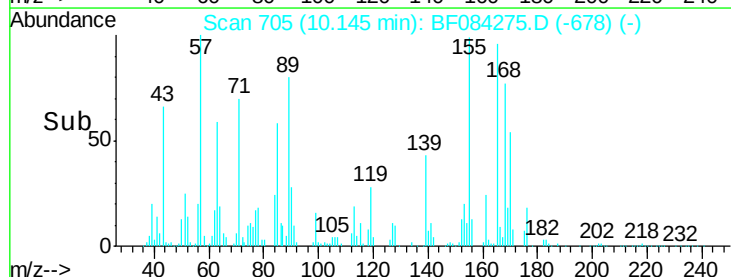
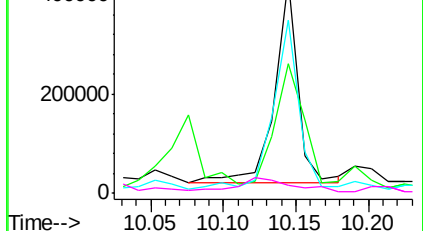


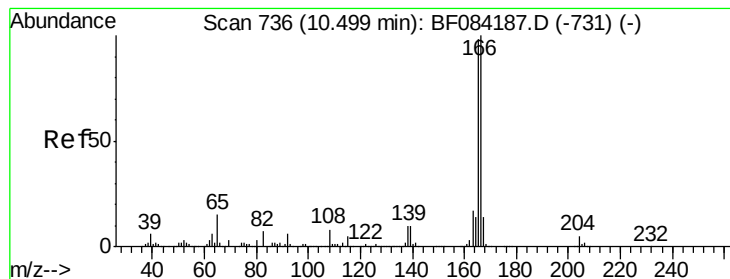
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 60.27 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

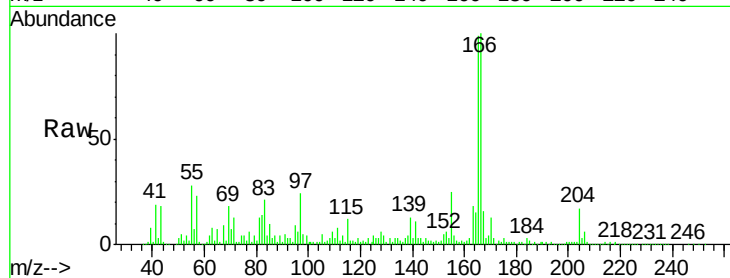
Tot Ion:166 Resp: 1419303

Ion Ratio Lower Upper

166 100

165 99.4 79.1 118.7

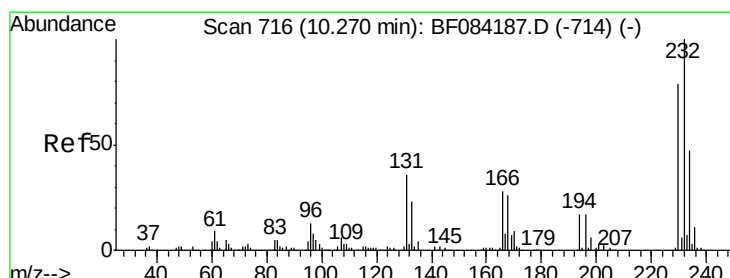
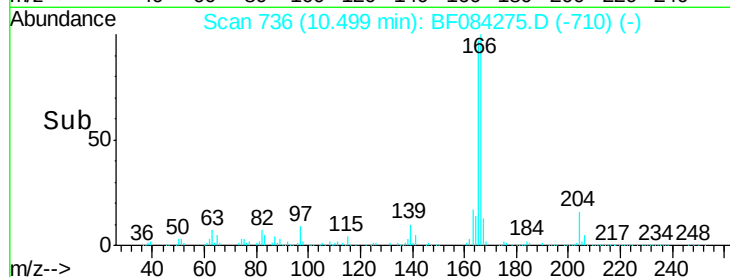
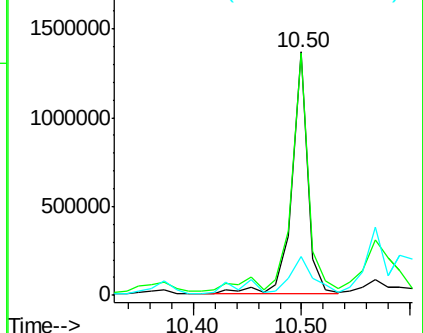
167 16.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.71 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Tgt Ion:232 Resp: 309940

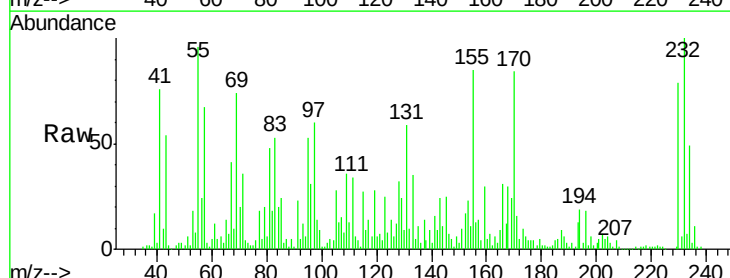
Ion Ratio Lower Upper

232 100

131 68.8 47.0 70.6

130 17.5 2.0 3.0#

166 37.6 30.5 45.7

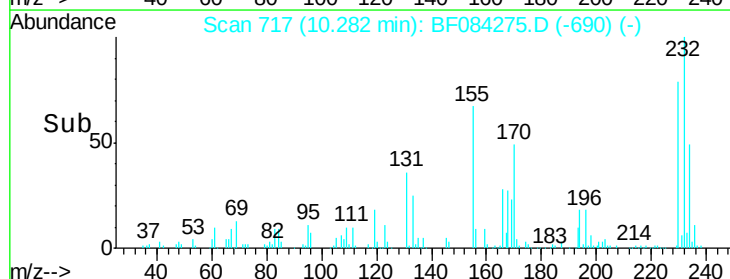
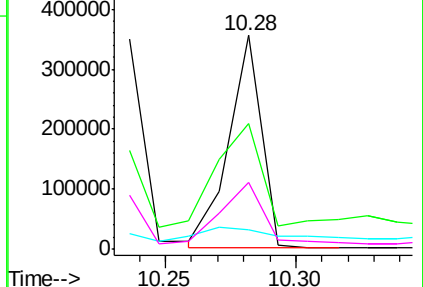


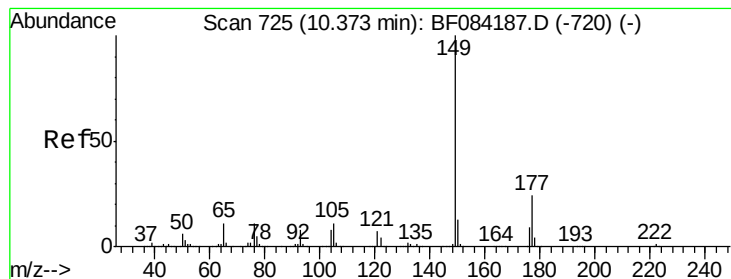
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.29 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

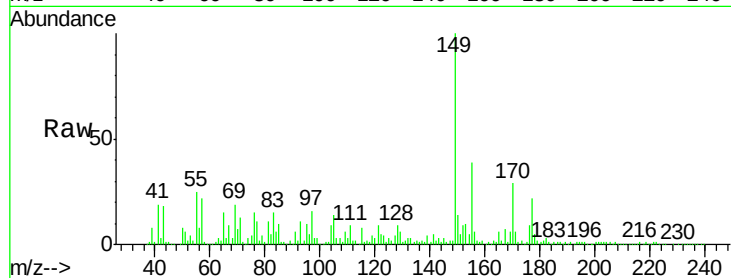
Tot Ion:149 Resp: 1229632

Ion Ratio Lower Upper

149 100

177 22.4 17.3 25.9

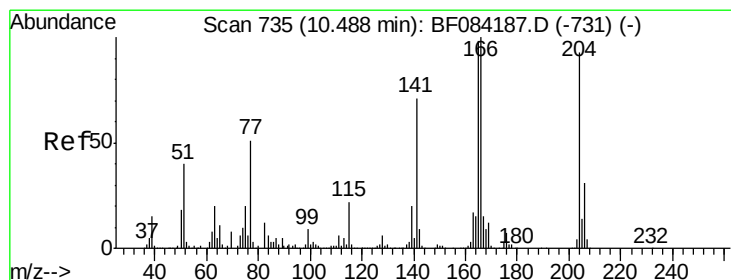
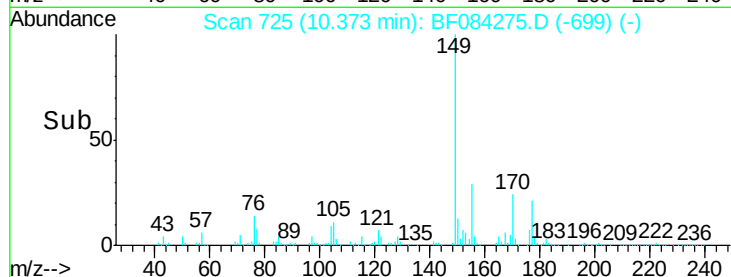
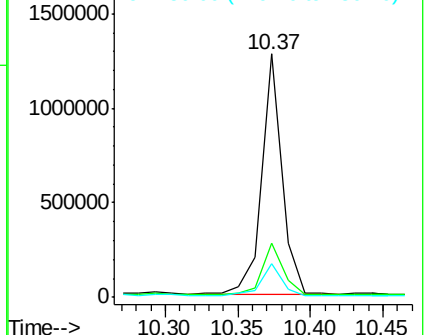
150 13.9 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 52.83 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

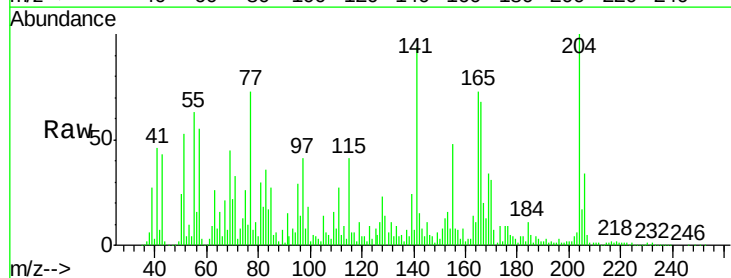
Tgt Ion:204 Resp: 518193

Ion Ratio Lower Upper

204 100

206 34.0 25.7 38.5

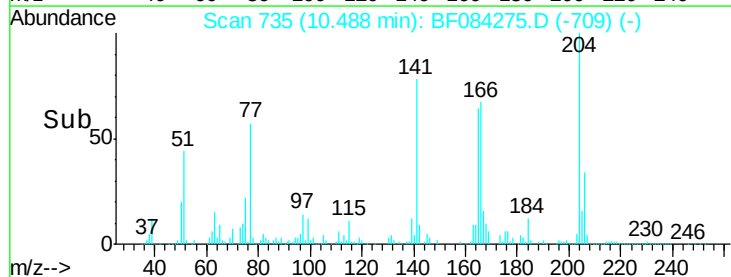
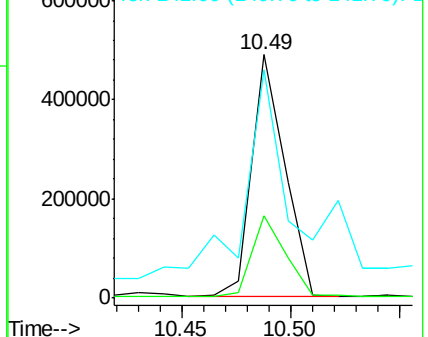
141 93.8 55.1 82.7#

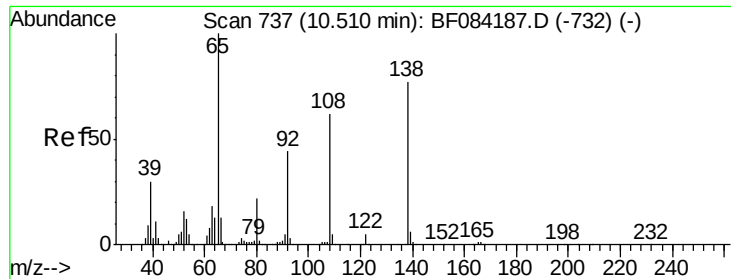


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

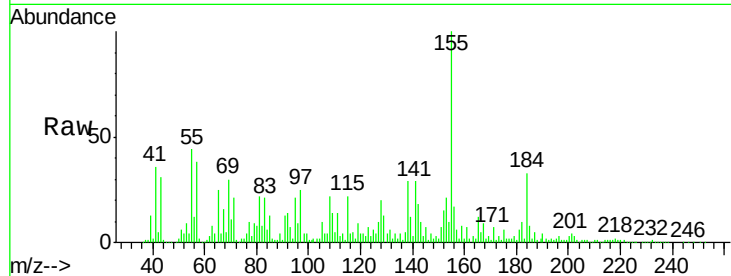




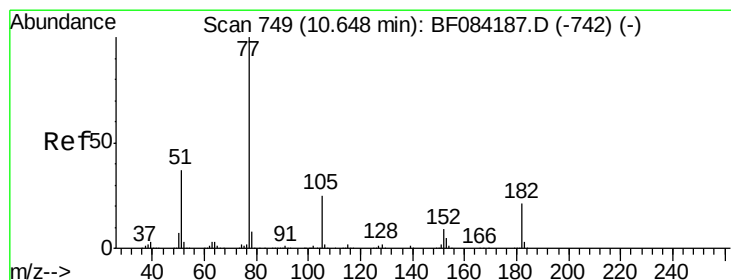
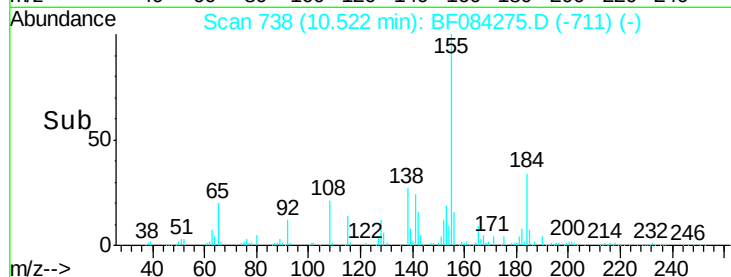
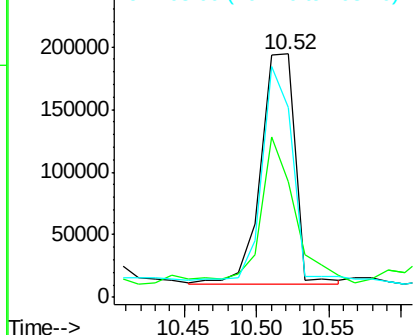
#61
4-Nitroaniline
Concen: 44.79 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 298799
Ion Ratio Lower Upper
138 100
92 47.3 32.6 72.6
108 77.9 68.6 108.6

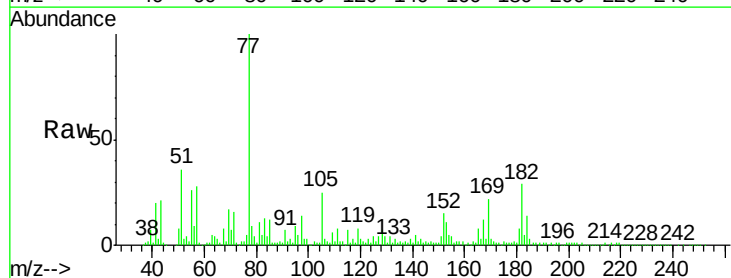


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

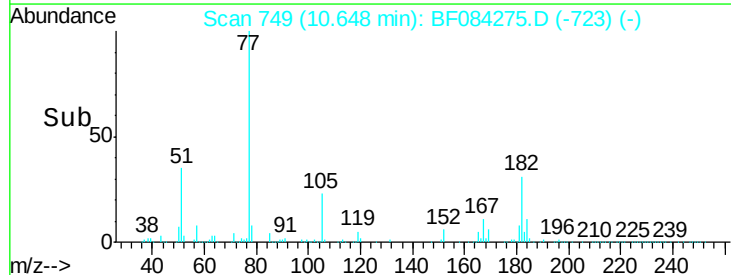
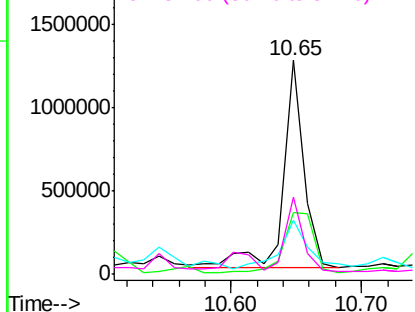


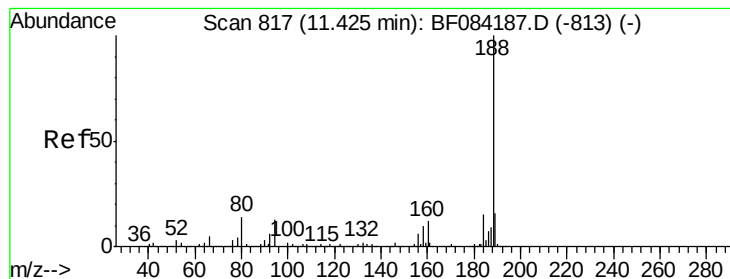
#62
Azobenzene
Concen: 46.17 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Tgt Ion: 77 Resp: 1375007
Ion Ratio Lower Upper
77 100
182 29.0 8.3 48.3
105 25.3 4.6 44.6
51 35.9 6.2 46.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

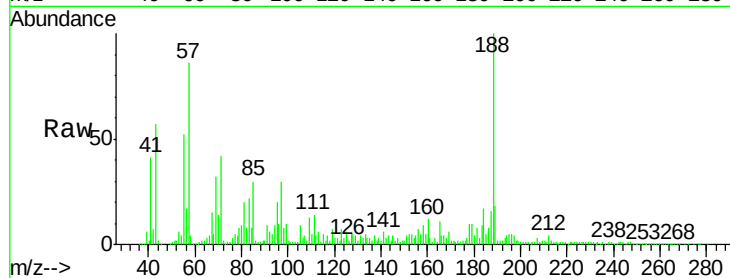
Tot Ion:188 Resp: 658817

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

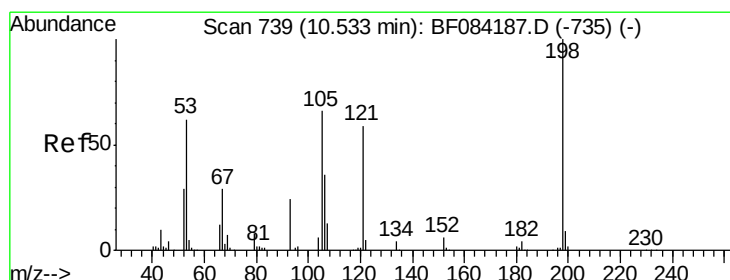
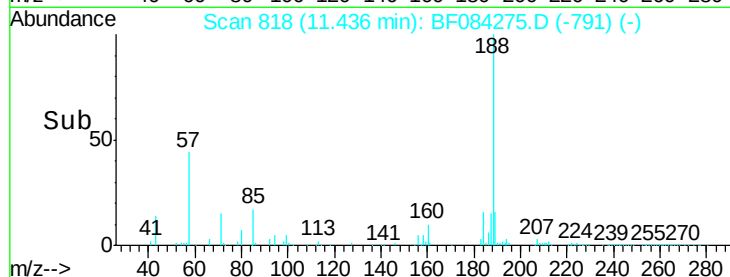
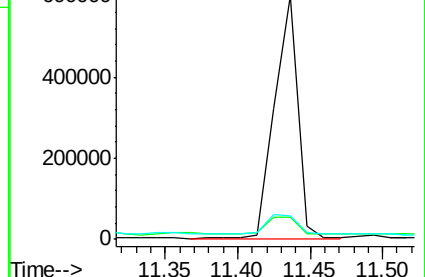
80 9.4 9.6 14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.19 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

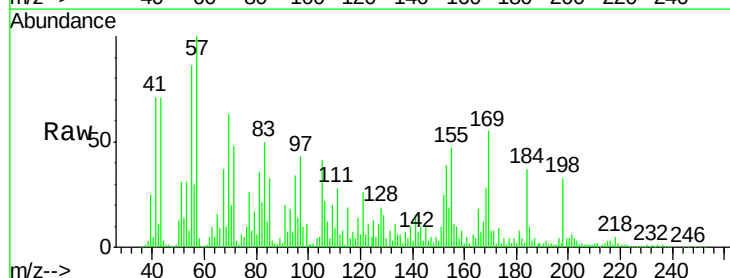
Tgt Ion:198 Resp: 136905

Ion Ratio Lower Upper

198 100

51 94.6 18.9 58.9#

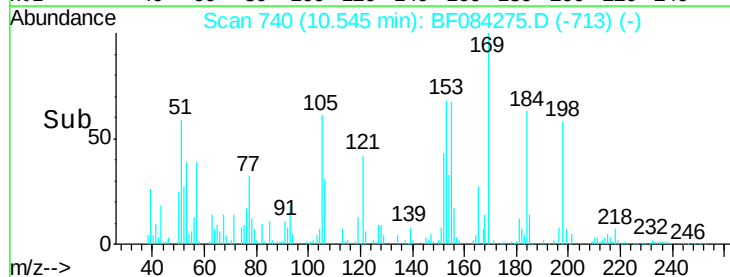
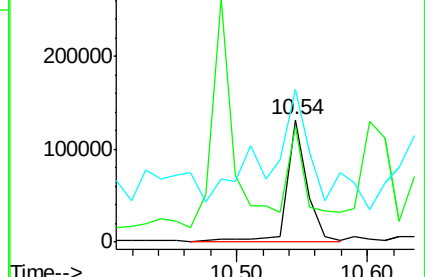
105 124.4 26.4 66.4#

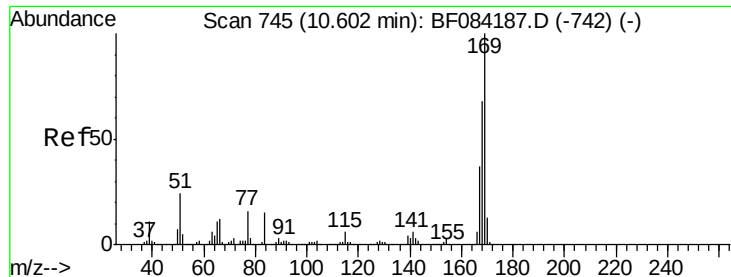


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 76.78 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

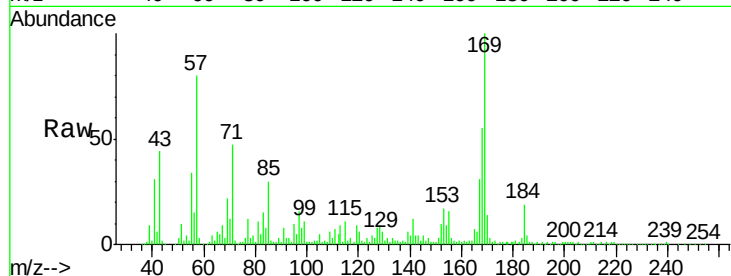
Tot Ion:169 Resp: 1617199

Ion Ratio Lower Upper

169 100

168 54.6 55.1 82.7#

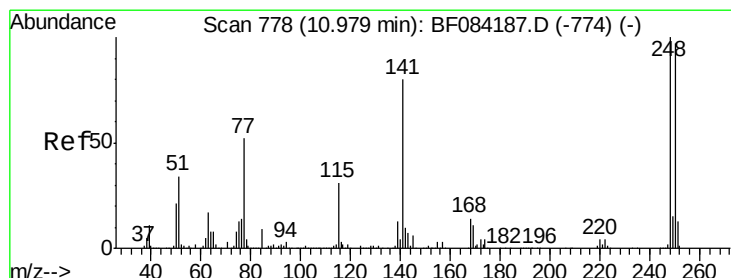
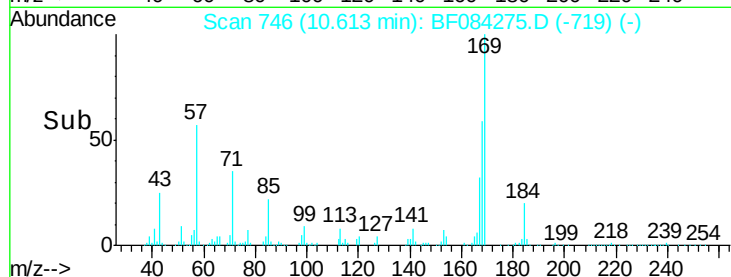
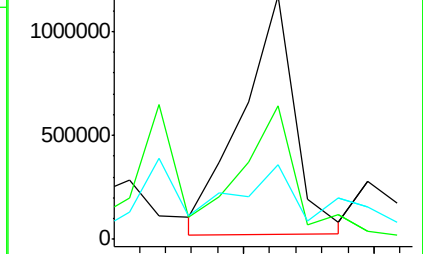
167 30.6 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.29 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

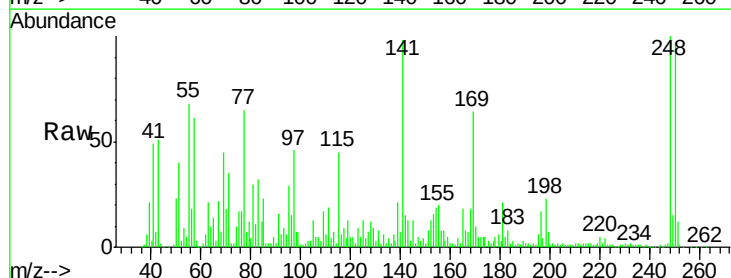
Tgt Ion:248 Resp: 370763

Ion Ratio Lower Upper

248 100

250 96.9 78.4 117.6

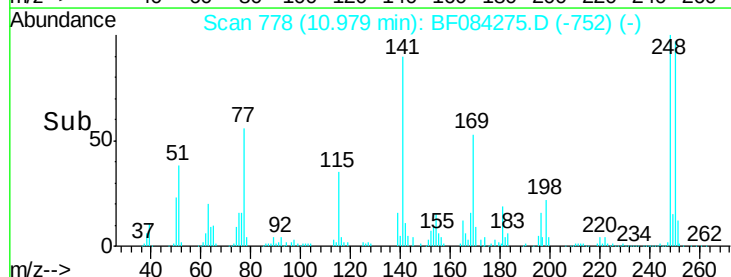
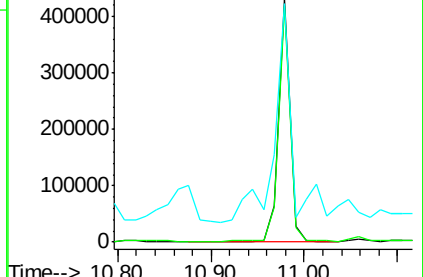
141 98.0 44.0 66.0#

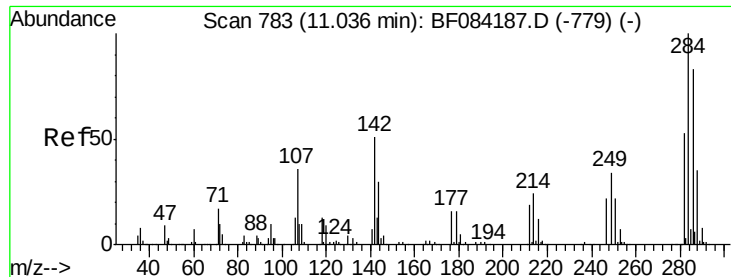


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

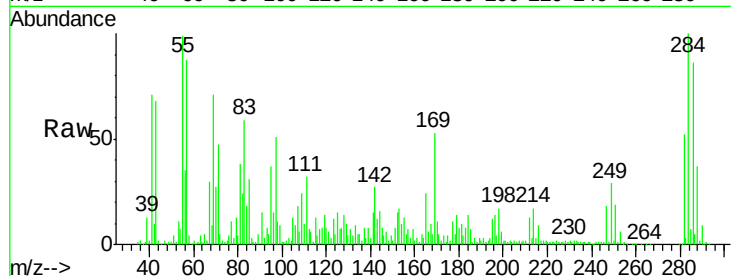




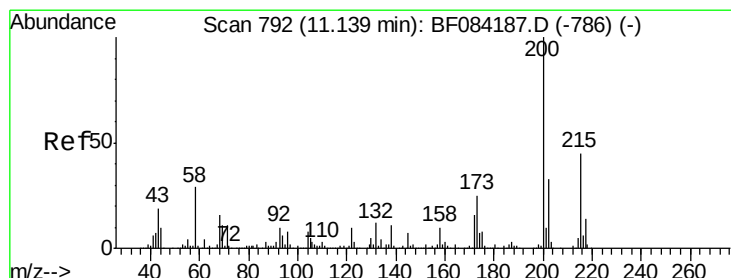
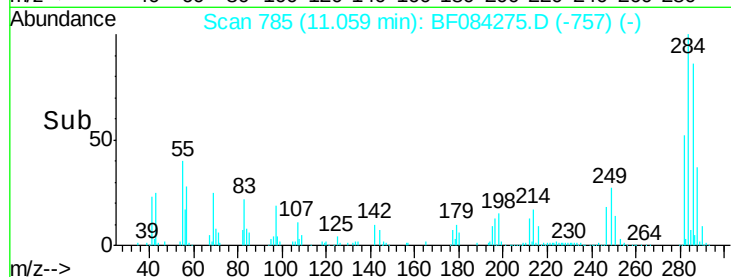
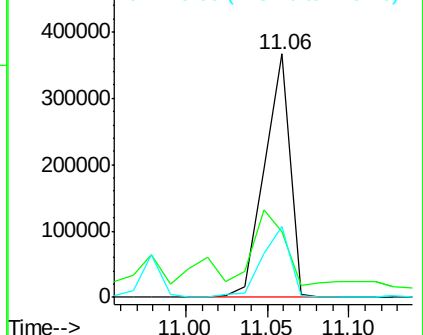
#67
Hexachlorobenzene
Concen: 50.26 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.02 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 401162
Ion Ratio Lower Upper
284 100
142 26.7 22.2 33.4
249 29.3 24.6 37.0

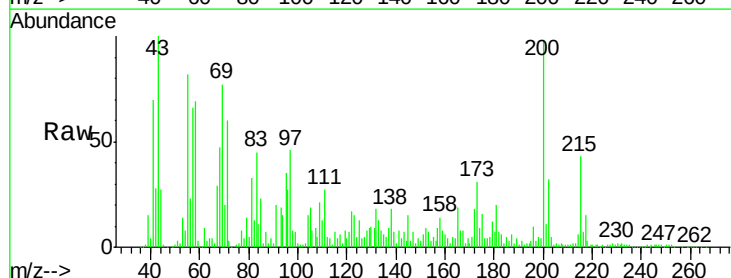


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

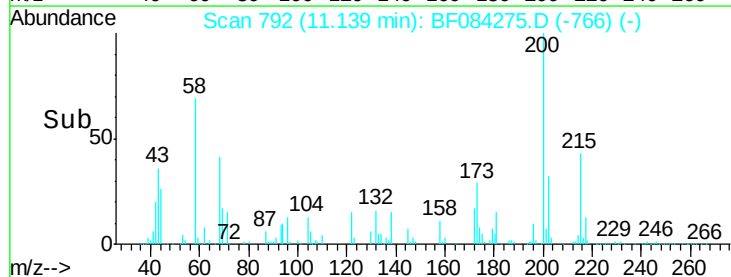
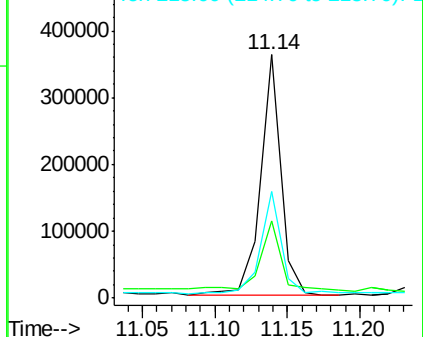


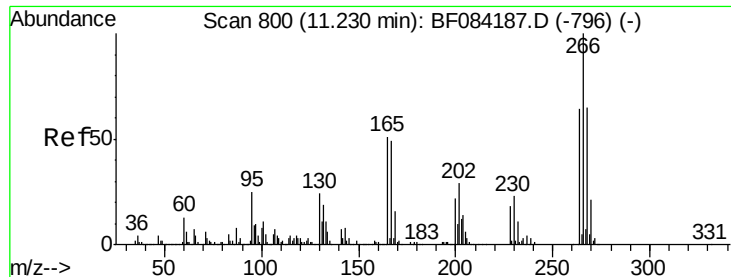
#68
Atrazine
Concen: 51.63 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Tgt Ion:200 Resp: 355874
Ion Ratio Lower Upper
200 100
173 32.0 9.5 49.5
215 43.7 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

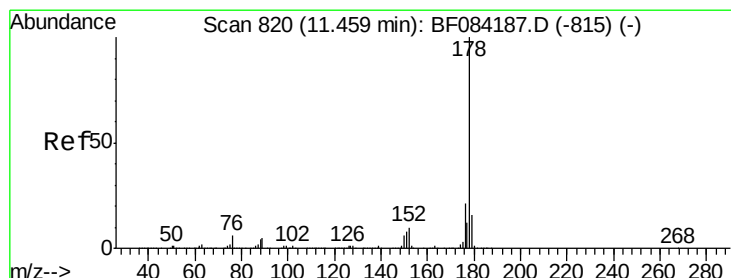
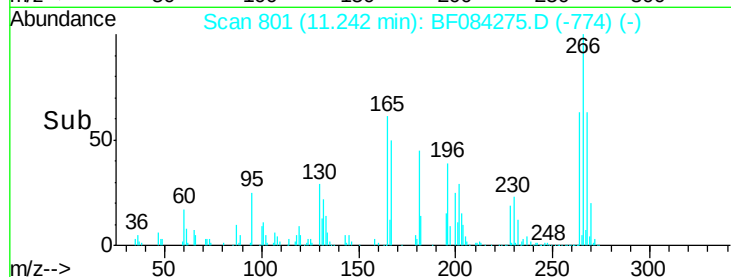
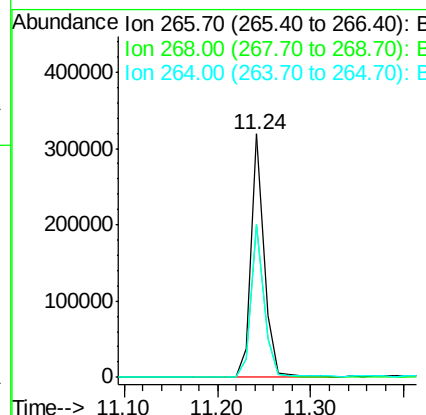
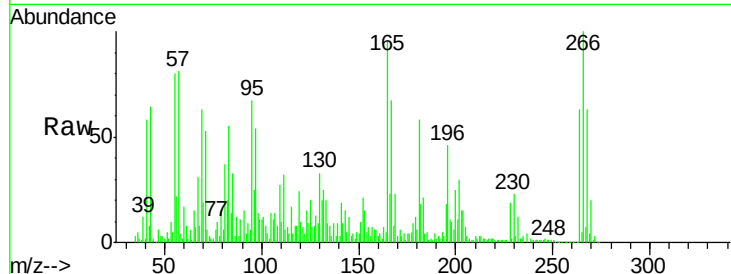




#69
 Pentachlorophenol
 Concen: 75.69 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

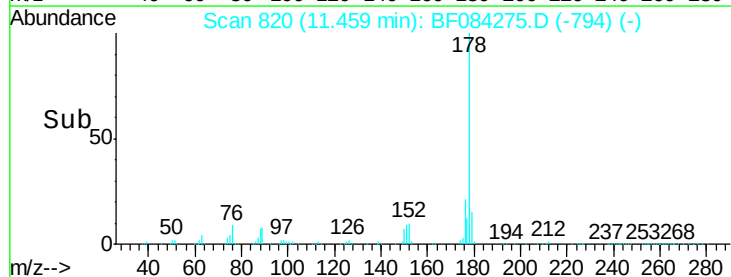
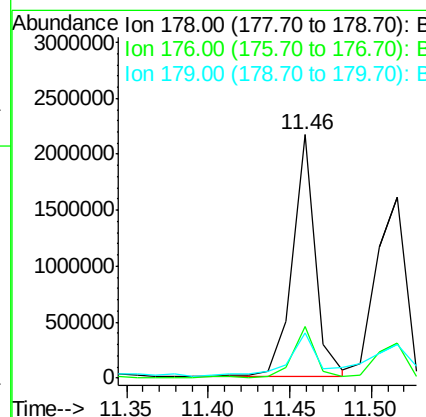
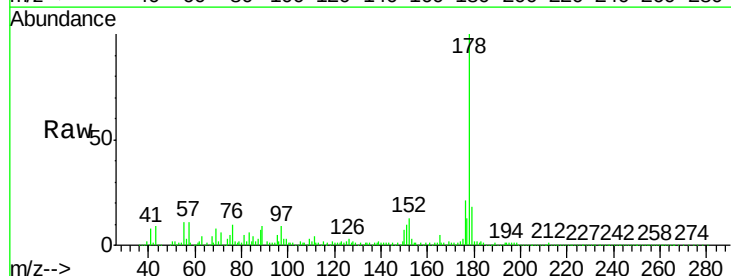
Instrument :
 BNA_F
 ClientSampleId :

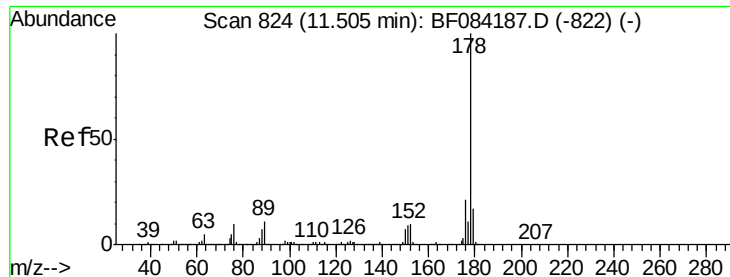
Tot Ion:266 Resp: 313228
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.4 78.6
 264 62.8 50.2 75.2



#70
 Phenanthrene
 Concen: 61.26 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion:178 Resp: 2111245
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.3 22.9
 179 18.5 12.0 18.0#

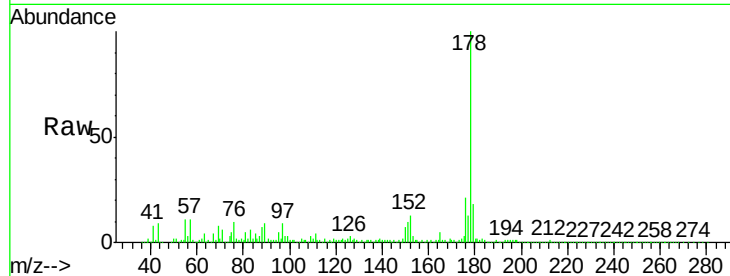




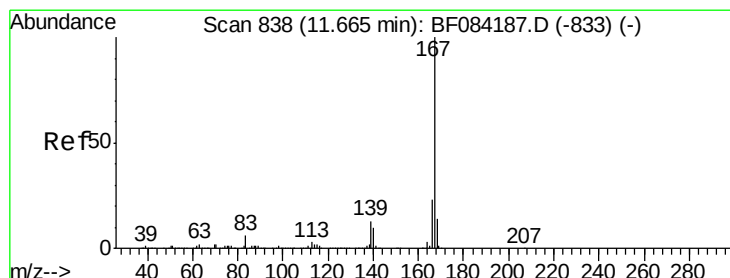
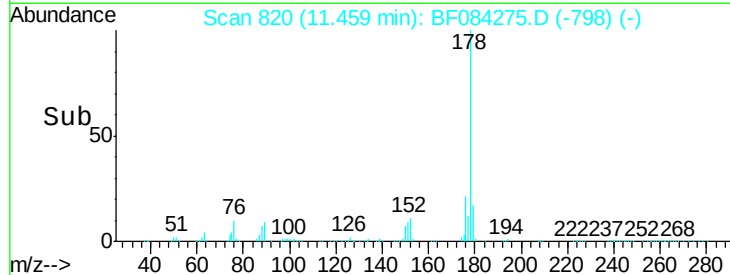
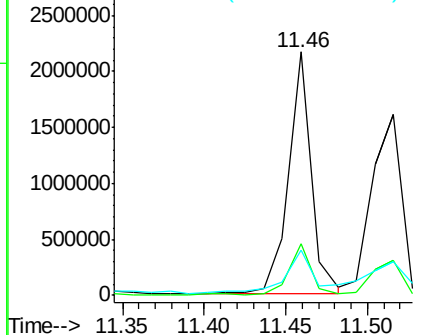
#71
 Anthracene
 Concen: 62.50 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.04 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 2111245
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.4 23.0
 179 18.5 12.5 18.7

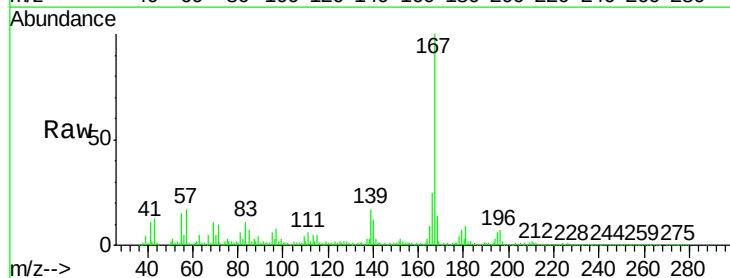


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

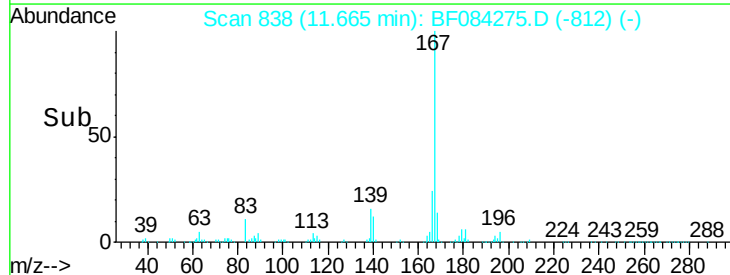
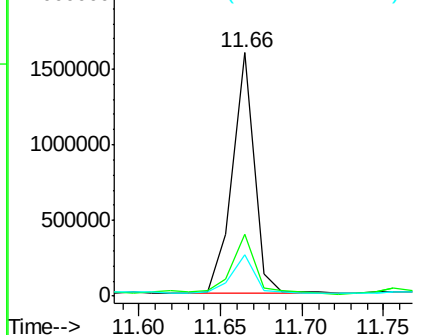


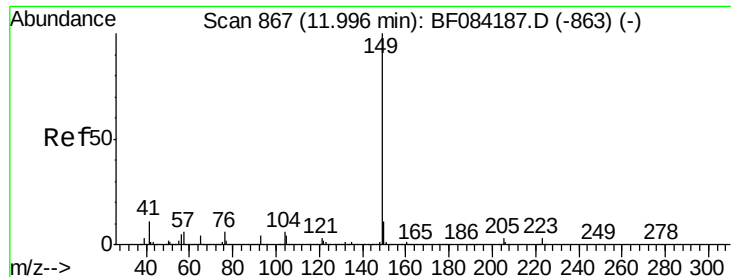
#72
 Carbazole
 Concen: 44.76 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion:167 Resp: 1478066
 Ion Ratio Lower Upper
 167 100
 166 25.2 17.6 26.4
 139 16.9 11.8 17.8



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: 68.85 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

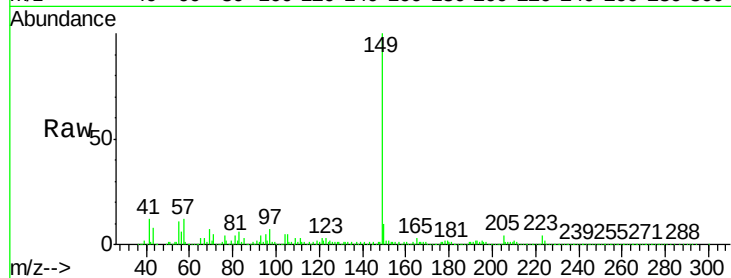
Tot Ion:149 Resp: 2125705

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

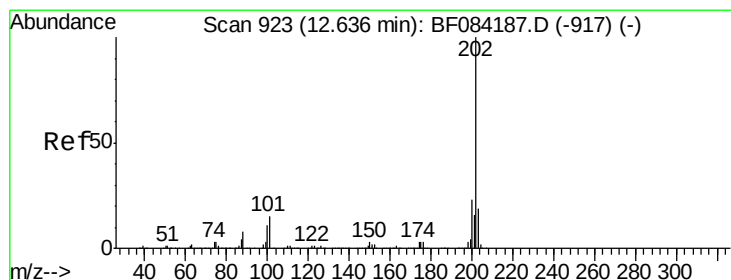
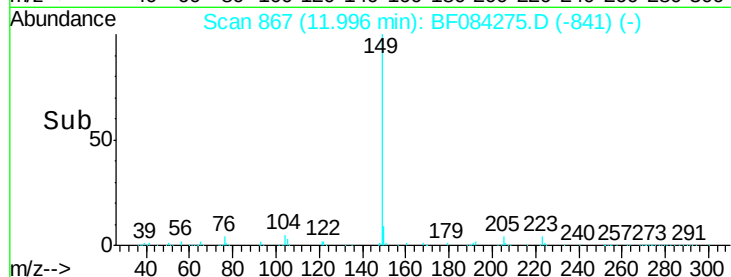
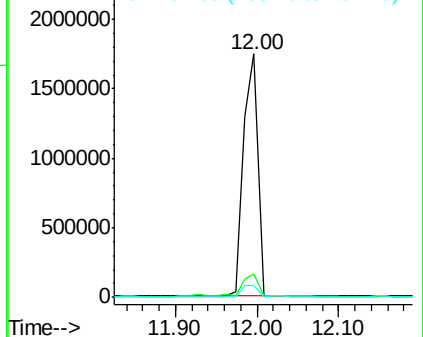
104 5.1 3.2 4.8#



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: 46.95 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

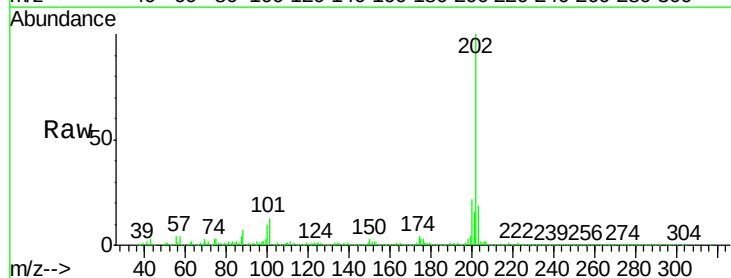
Tgt Ion:202 Resp: 1690036

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.8

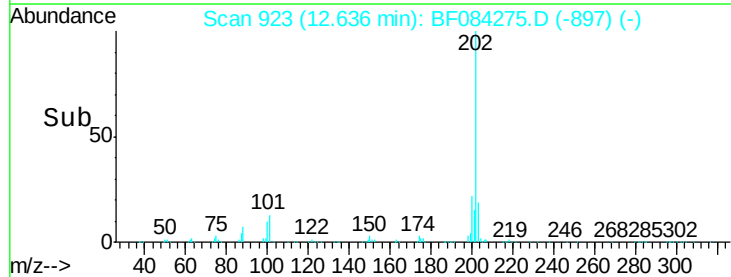
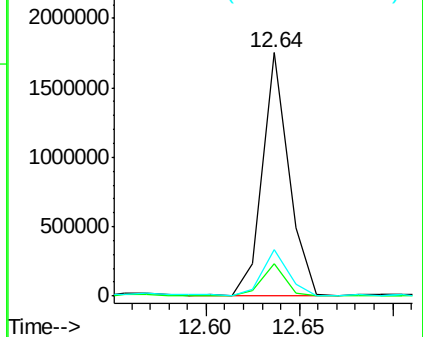
203 19.0 0.0 37.9

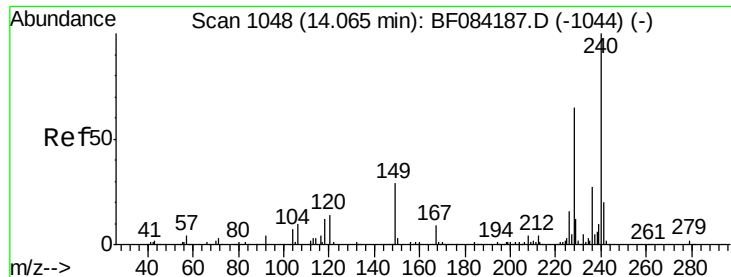


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

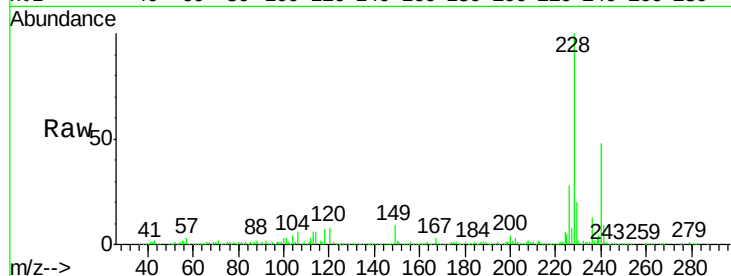
Tot Ion:240 Resp: 479430

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

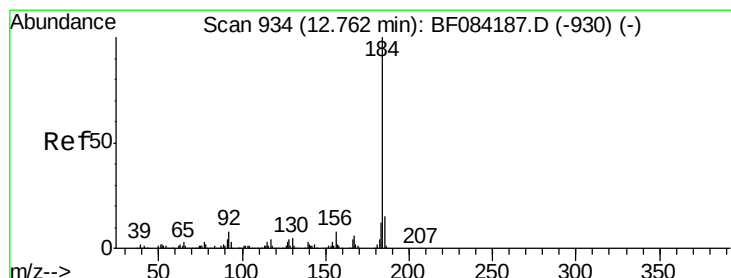
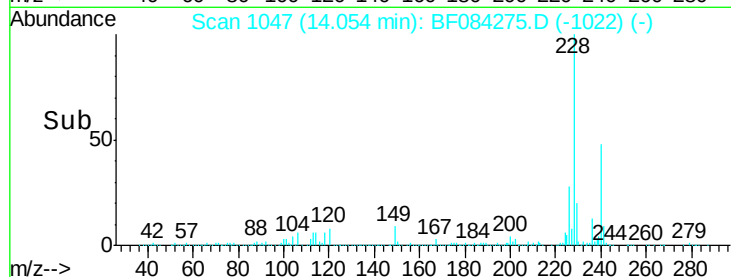
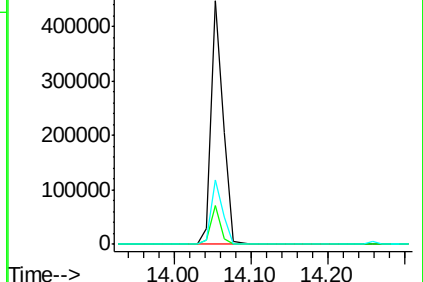
236 26.5 20.6 31.0



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: 22.68 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

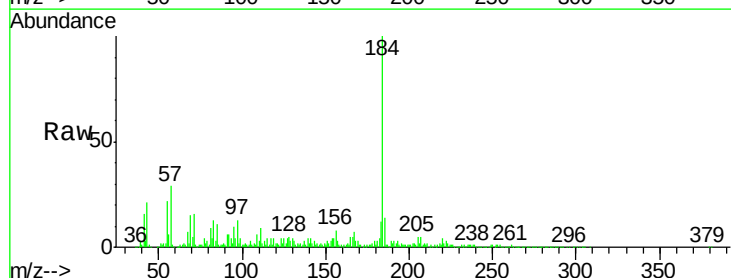
Tgt Ion:184 Resp: 389929

Ion Ratio Lower Upper

184 100

185 13.8 12.2 18.2

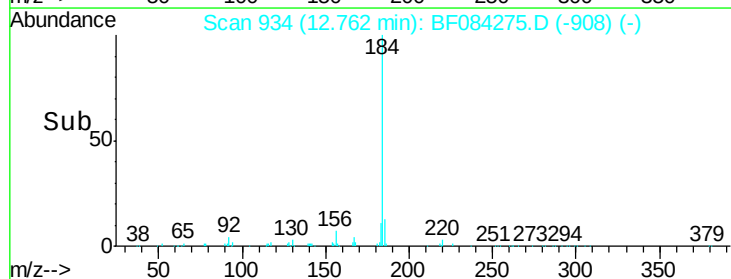
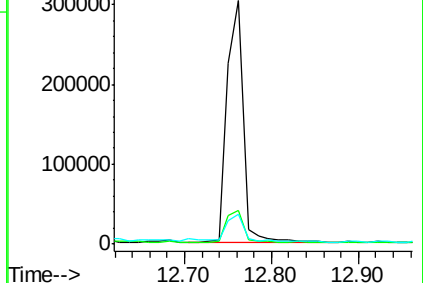
183 12.4 9.8 14.8

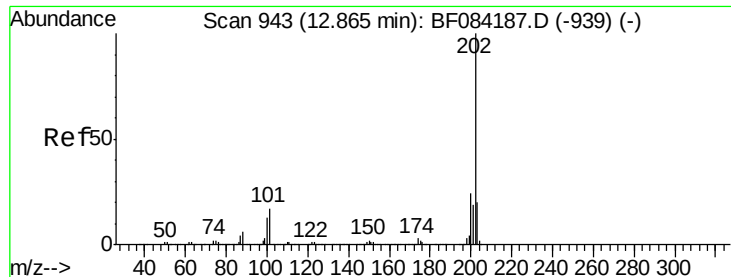


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.21 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.00 min

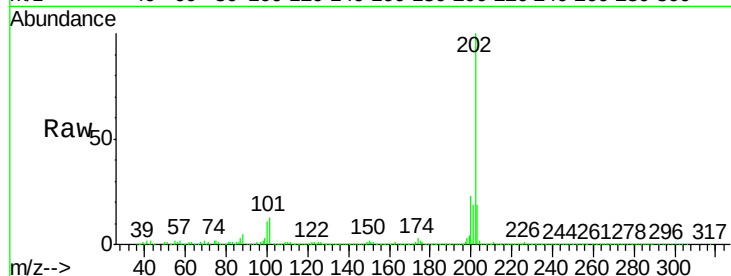
Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1851426

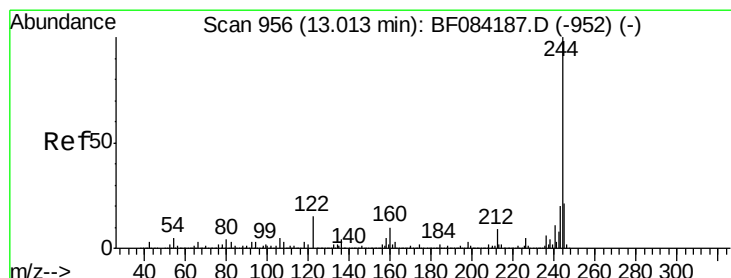
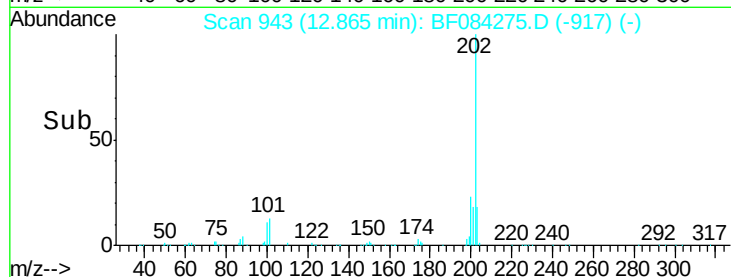
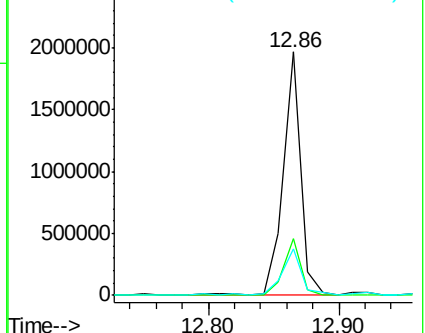
Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.2	25.8
203	19.3	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 102.53 ng

RT: 13.01 min Scan# 956

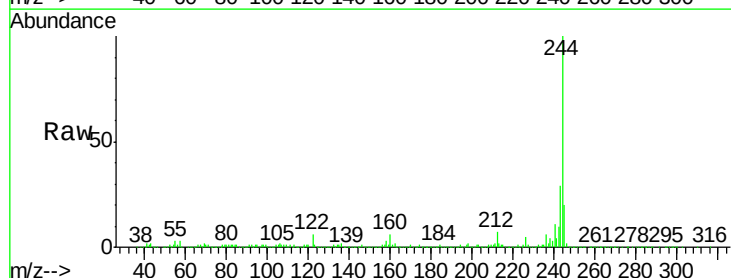
Delta R.T. 0.00 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Tgt Ion:244 Resp: 2202105

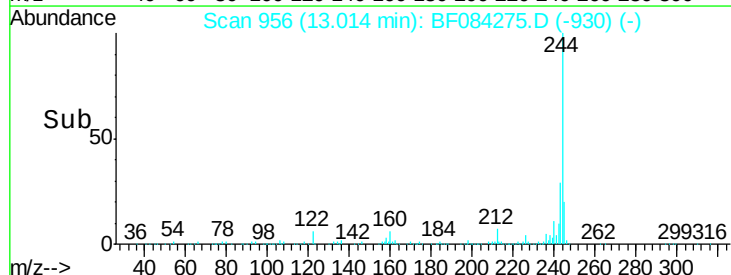
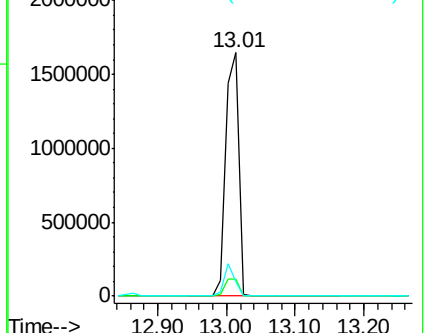
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	6.1	7.4	11.0

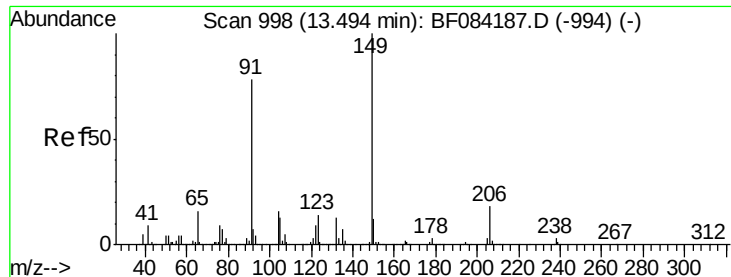


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

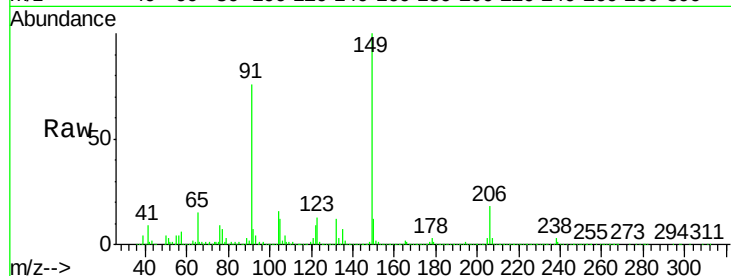




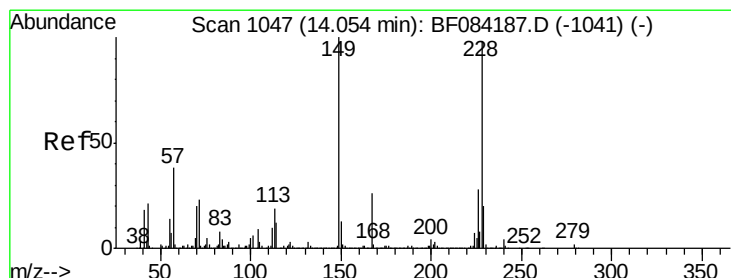
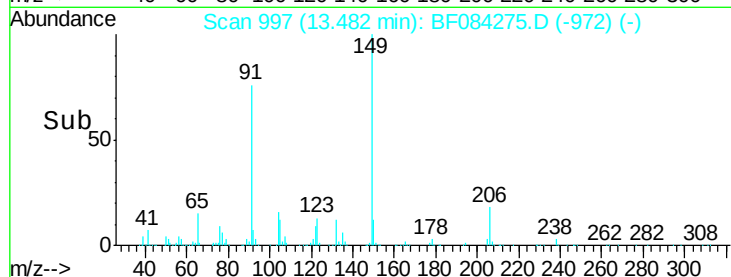
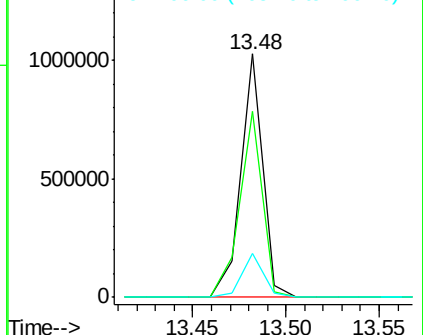
#79
Butylbenzylphthalate
Concen: 51.87 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 844445
Ion Ratio Lower Upper
149 100
91 76.2 57.6 86.4
206 18.2 13.2 19.8

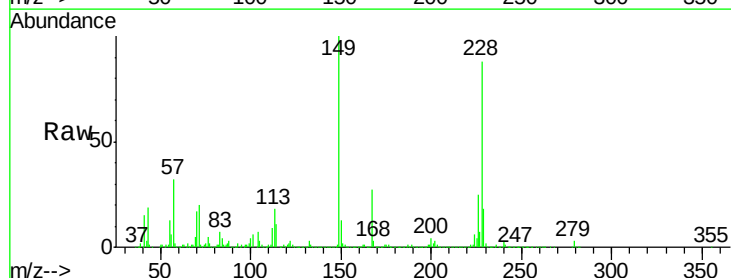


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

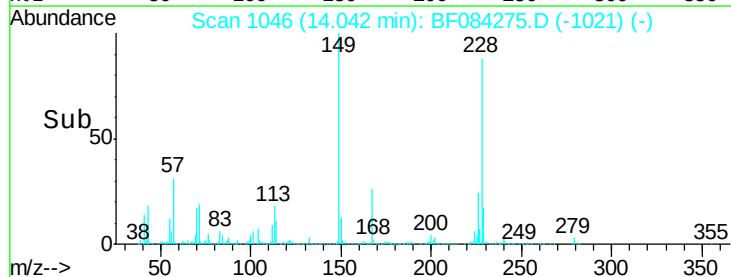
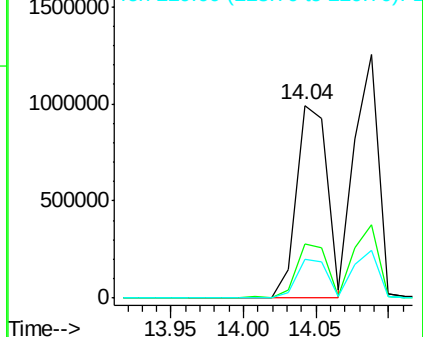


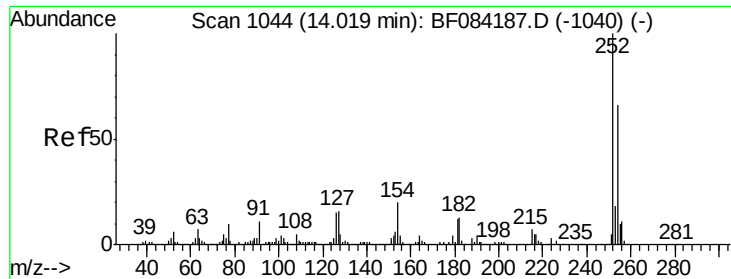
#80
Benzo(a)anthracene
Concen: 51.29 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084275.D
Acq: 5 Jan 2016 9:39

Tgt Ion:228 Resp: 1443874
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.1 15.8 23.8



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





#81

3,3'-Dichlorobenzidine

Concen: 41.25 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

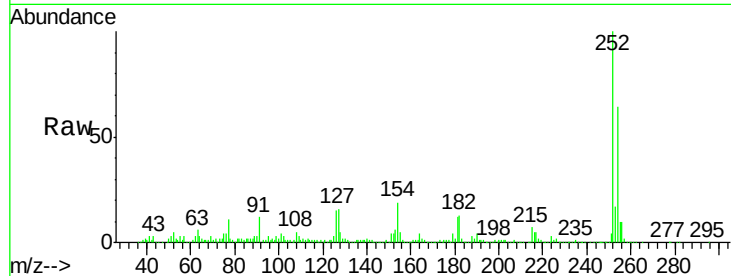
Tot Ion:252 Resp: 405242

Ion Ratio Lower Upper

252 100

254 63.9 53.5 80.3

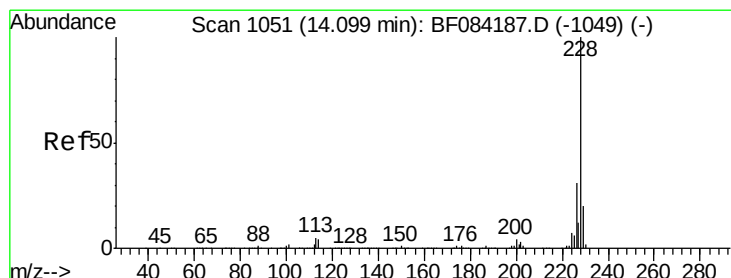
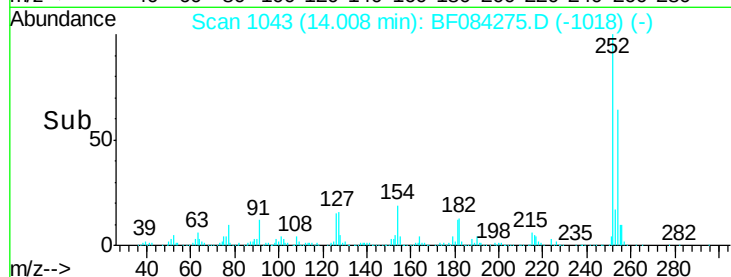
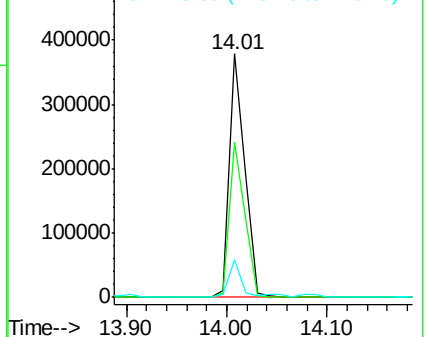
126 15.5 4.9 7.3#



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: 53.68 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

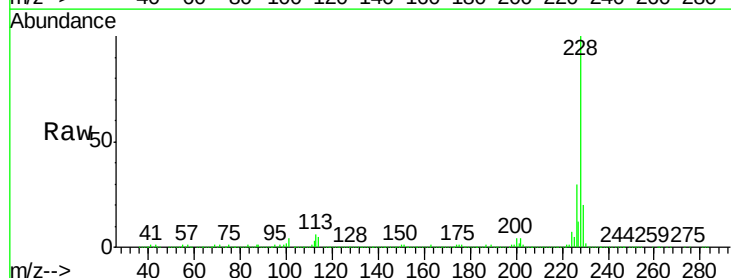
Tgt Ion:228 Resp: 1452018

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

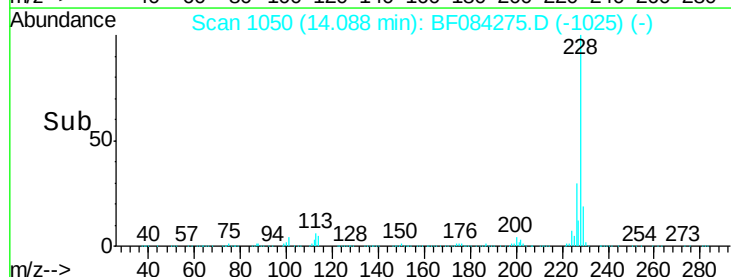
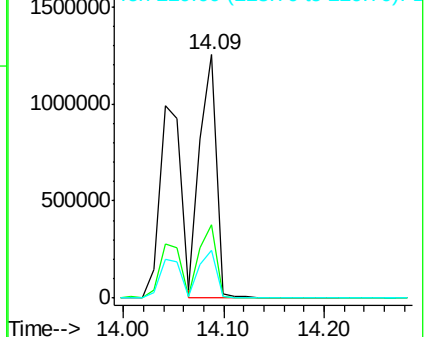
229 19.5 16.1 24.1

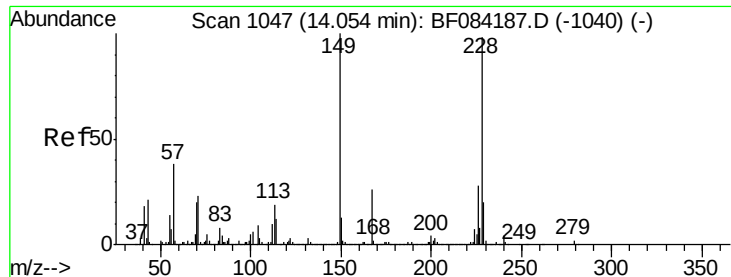


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

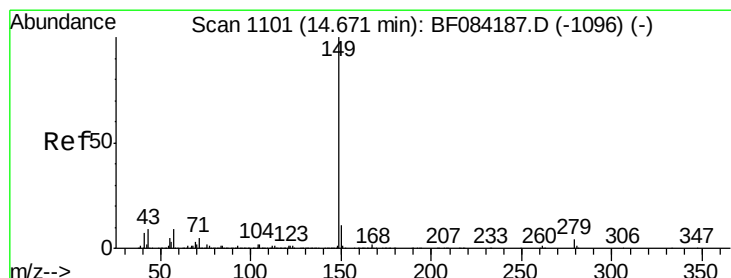
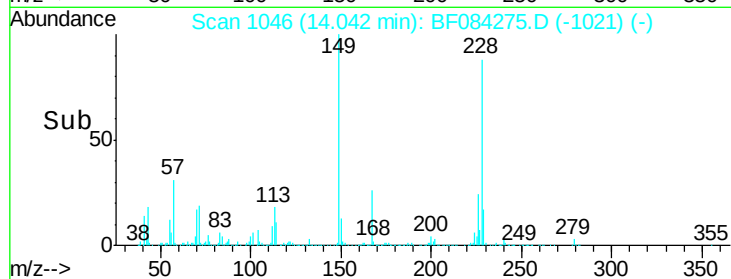
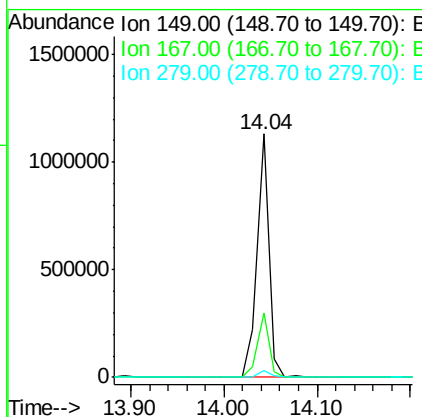
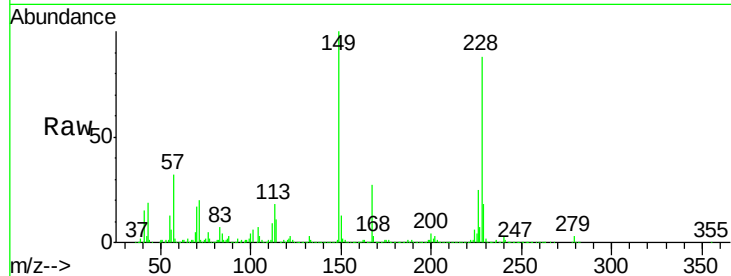




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.42 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

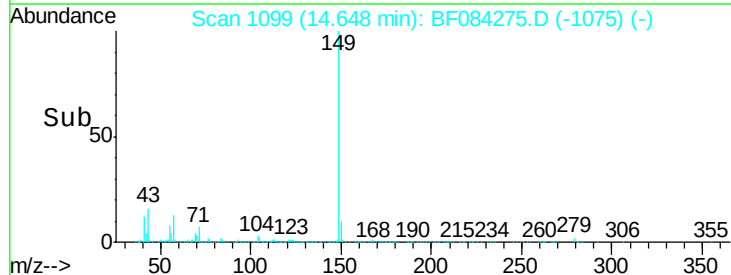
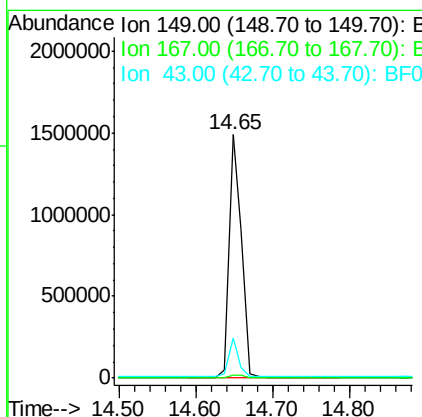
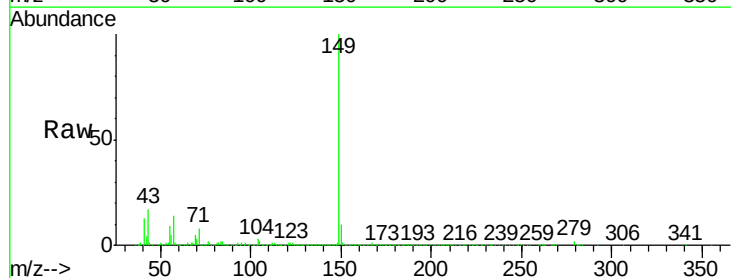
Instrument :
 BNA_F
 ClientSampleId :

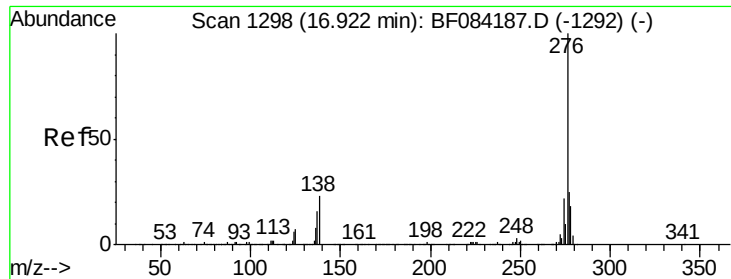
Tot Ion:149 Resp: 995867
 Ion Ratio Lower Upper
 149 100
 167 26.6 19.7 29.5
 279 2.9 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 49.01 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion:149 Resp: 1701803
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.7 5.6 8.4#

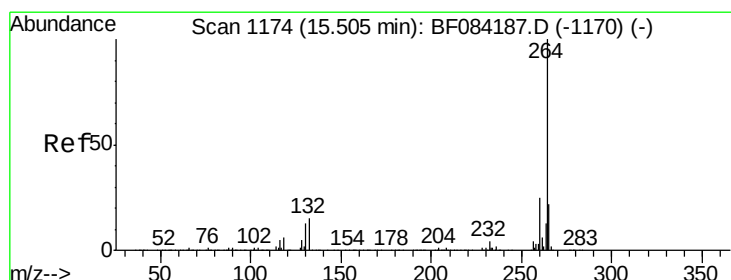
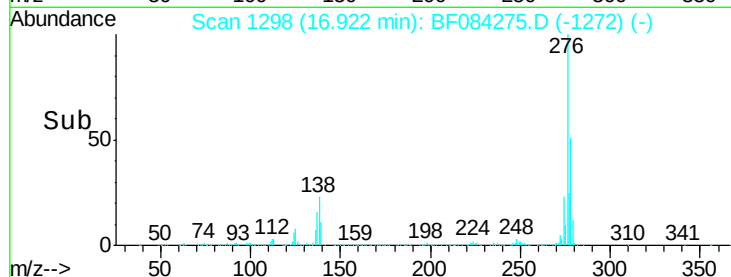
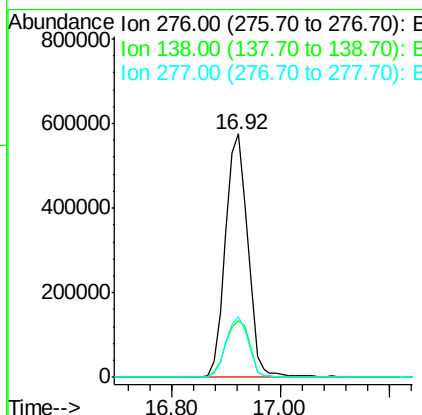
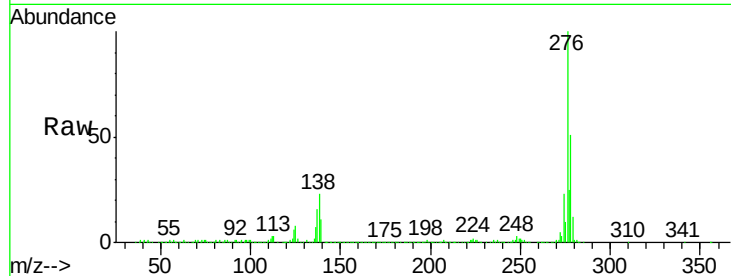




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 76.57 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

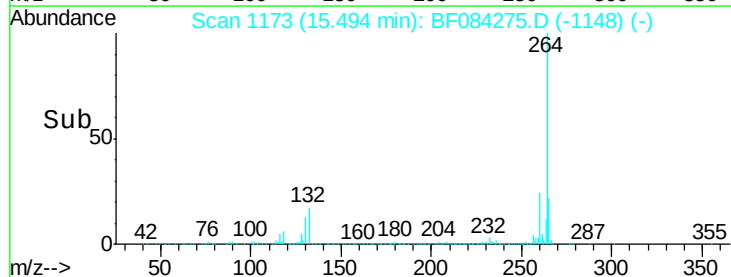
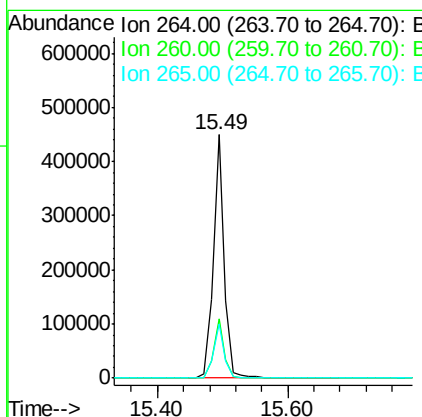
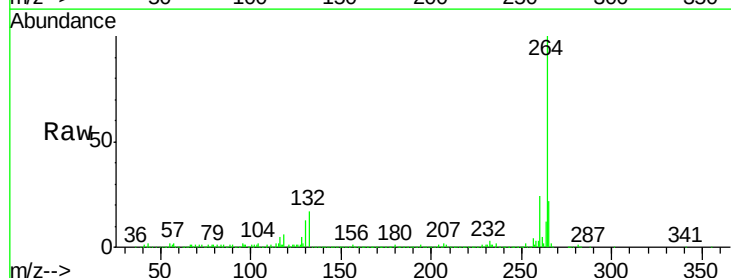
Instrument :
 BNA_F
 ClientSampleId :

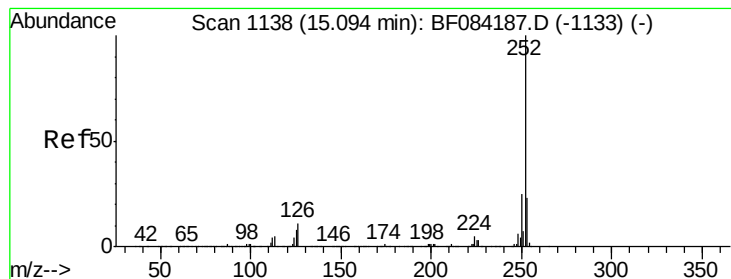
Tot Ion:276 Resp: 1641808
 Ion Ratio Lower Upper
 276 100
 138 24.8 20.6 30.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Tgt Ion:264 Resp: 530826
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 22.3 17.8 26.6





#87

Benzo(b)fluoranthene

Concen: 44.50 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampleId :

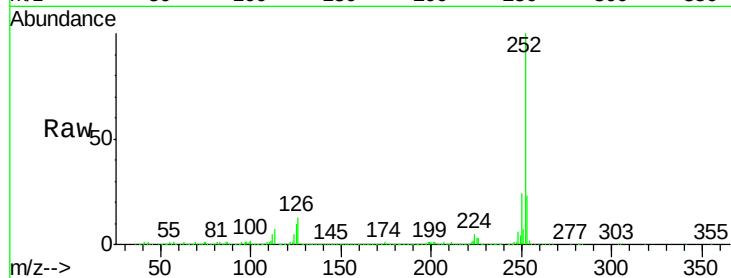
Tot Ion:252 Resp: 1545167

Ion Ratio Lower Upper

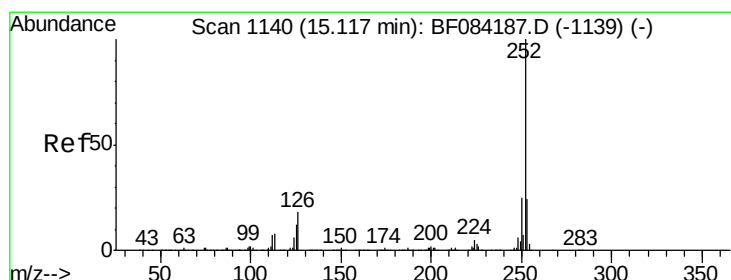
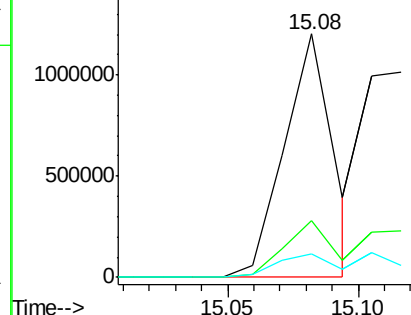
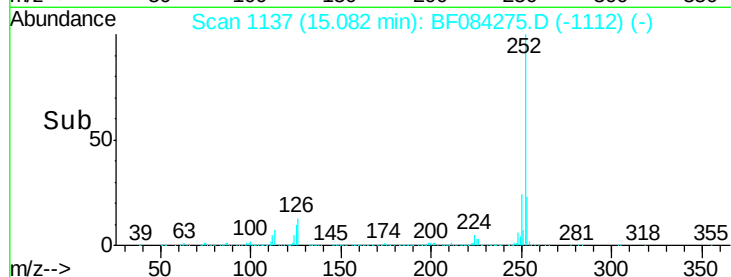
252 100

253 23.1 17.3 25.9

125 9.7 6.5 9.7#



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



#88

Benzo(k)fluoranthene

Concen: 54.41 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

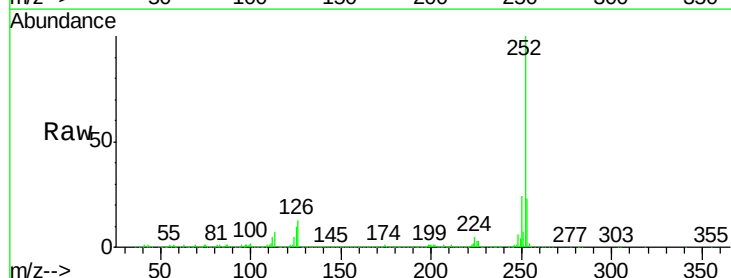
Tgt Ion:252 Resp: 1545167

Ion Ratio Lower Upper

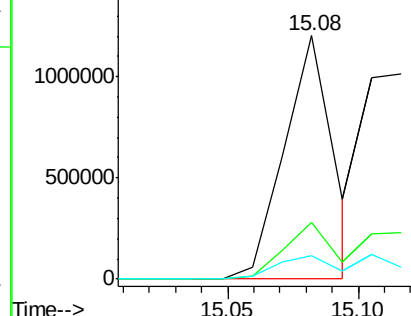
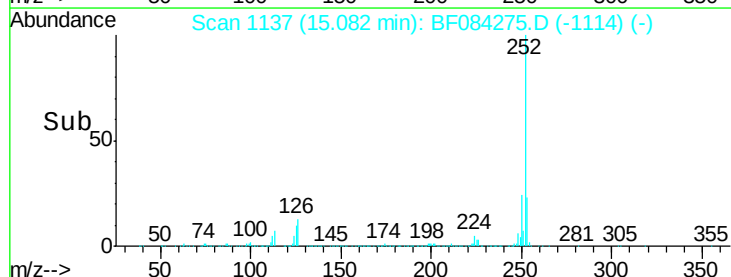
252 100

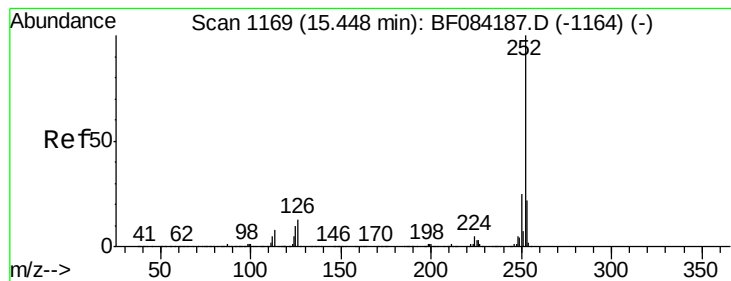
253 23.1 18.1 27.1

125 9.7 9.0 13.6



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





#89

Benzo(a)pyrene

Concen: 50.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

Instrument :

BNA_F

ClientSampled :

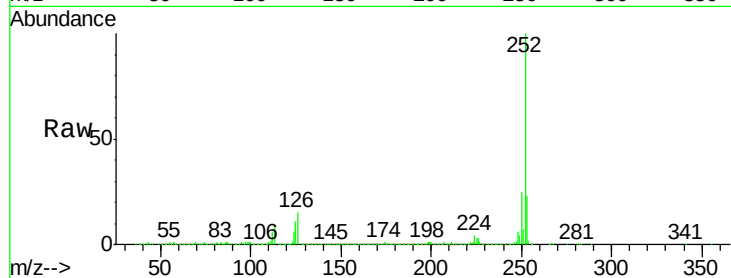
Tot Ion:252 Resp: 1472727

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

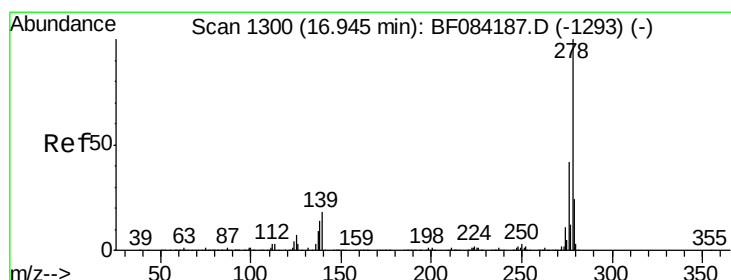
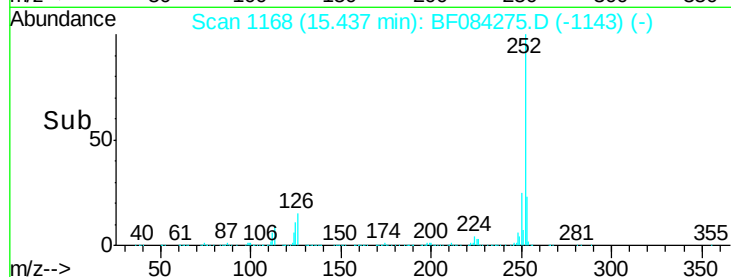
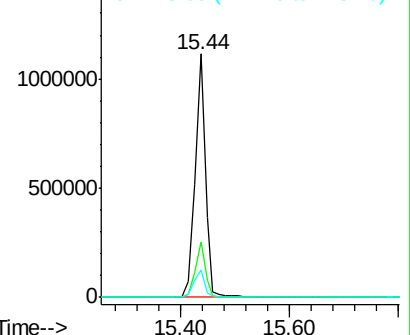
125 11.5 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.75 ng

RT: 16.93 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF084275.D

Acq: 5 Jan 2016 9:39

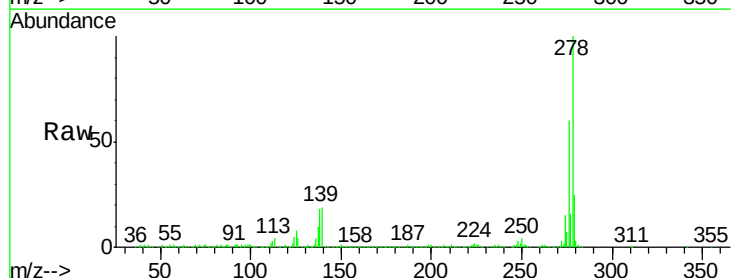
Tgt Ion:278 Resp: 1362160

Ion Ratio Lower Upper

278 100

139 18.6 15.0 22.4

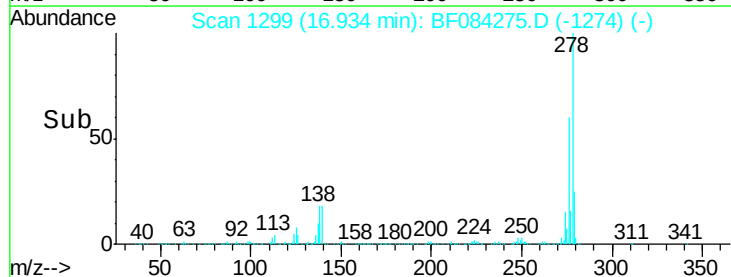
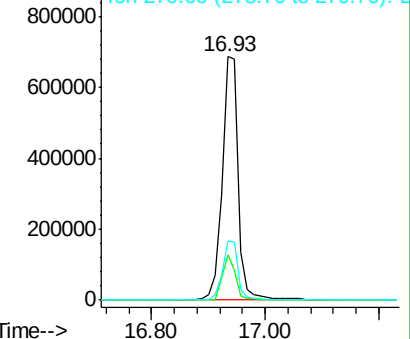
279 24.5 18.9 28.3

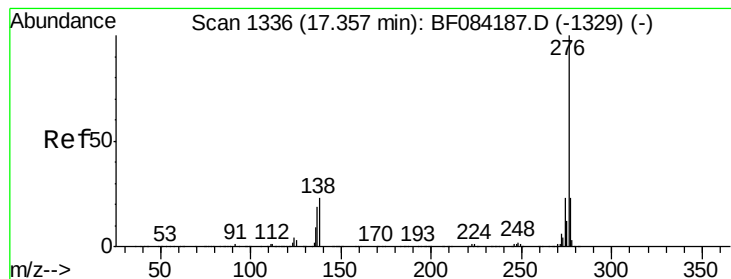


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

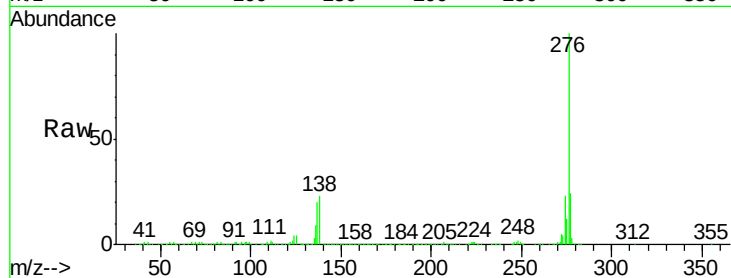




#91
 Benzo(a,h,i)perylene
 Concen: 51.16 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF084275.D
 Acq: 5 Jan 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1342847
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.8 28.2
 138 23.3 17.8 26.6



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

