

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084278.D
 Acq On : 5 Jan 2016 11:01
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 12:23:36 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	252798	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1053291	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	498604	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	829867	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	525961	20.00	ng	-0.01
86) Perylene-d12	15.49	264	533662	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1295801	82.91	ng	0.01
7) Phenol-d6	6.53	99	1580571	80.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	1375823	72.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	375278	74.55	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2372775	83.61	ng	-0.01
78) Terphenyl-d14	13.00	244	1700691	72.18	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	299535	40.46	ng	# 75
3) Pyridine	3.24	79	854881	41.41	ng	# 72
4) n-Nitrosodimethylamine	3.20	42	421523	39.78	ng	# 77
6) Aniline	6.56	93	1068474	37.21	ng	98
8) 2-Chlorophenol	6.68	128	761285	42.93	ng	98
9) Benzaldehyde	6.44	77	498720	39.02	ng	91
10) Phenol	6.56	94	843710	37.80	ng	# 45
11) bis(2-Chloroethyl)ether	6.62	93	696849	40.31	ng	# 79
12) 1,3-Dichlorobenzene	6.83	146	739105	40.41	ng	# 94
13) 1,4-Dichlorobenzene	6.91	146	793422	43.25	ng	95
14) 1,2-Dichlorobenzene	7.06	146	660891	37.62	ng	95
15) Benzyl Alcohol	7.04	79	591506	35.82	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1145768	36.39	ng	85
17) 2-Methylphenol	7.16	107	608704	40.96	ng	95
18) Hexachloroethane	7.40	117	290458	39.60	ng	# 89
19) n-Nitroso-di-n-propylamine	7.31	70	479612	36.09	ng	# 71
20) 3+4-Methylphenols	7.31	107	646351	37.00	ng	# 59
22) Acetophenone	7.31	105	1041464	41.12	ng	# 91
24) Nitrobenzene	7.48	77	849192	44.24	ng	97
25) Isophorone	7.72	82	1419448	39.22	ng	100
26) 2-Nitrophenol	7.79	139	355799	40.73	ng	# 76
27) 2,4-Dimethylphenol	7.84	122	651572	36.85	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	800173	36.19	ng	99
29) 2,4-Dichlorophenol	8.04	162	600628	40.78	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	634766	41.74	ng	95
31) Naphthalene	8.20	128	1929531	40.38	ng	98
32) Benzoic acid	7.95	122	303664	29.47	ng	92
33) 4-Chloroaniline	8.26	127	848352	38.72	ng	# 88
34) Hexachlorobutadiene	8.32	225	339676	38.86	ng	98
35) Caprolactam	8.64	113	198345	39.94	ng	# 78
36) 4-Chloro-3-methylphenol	8.74	107	591423	35.85	ng	93
37) 2-Methylnaphthalene	8.89	142	1314415	38.32	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	594143	41.45	ng	98
40) Hexachlorocyclopentadiene	9.05	237	304538	35.19	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084278.D
 Acq On : 5 Jan 2016 11:01
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 12:23:36 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	9.17	196	385379	35.94	nq	94
43) 2,4,5-Trichlorophenol	9.22	196	415317	40.40	nq	97
45) 1,1'-Biphenyl	9.36	154	1488598	37.56	nq	99
46) 2-Chloronaphthalene	9.38	162	1104909	35.50	nq	97
47) 2-Nitroaniline	9.48	65	442472	43.07	nq	90
48) Acenaphthylene	9.80	152	1900122	41.32	nq	97
49) Dimethylphthalate	9.66	163	1452918	40.76	nq	# 90
50) 2,6-Dinitrotoluene	9.72	165	304544	38.95	nq	# 61
51) Acenaphthene	9.97	154	1256333	40.73	nq	98
52) 3-Nitroaniline	9.89	138	353448	36.49	nq	93
53) 2,4-Dinitrophenol	10.00	184	79215	26.29	nq	# 78
54) Dibenzofuran	10.14	168	1702585	42.45	nq	99
55) 4-Nitrophenol	10.06	139	223164	31.74	nq	# 77
56) 2,4-Dinitrotoluene	10.12	165	386457	39.06	nq	91
57) Fluorene	10.49	166	1253409	40.32	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	311887	35.53	nq	94
59) Diethylphthalate	10.36	149	1429182	40.67	nq	97
60) 4-Chlorophenyl-phenylether	10.48	204	584011	44.76	nq	99
61) 4-Nitroaniline	10.50	138	314000	36.36	nq	92
62) Azobenzene	10.64	77	1510412	39.18	nq	92
64) 4,6-Dinitro-2-methylphenol	10.53	198	143743	29.01	nq	70
65) n-Nitrosodiphenylamine	10.60	169	1083993	40.85	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	400141	44.80	nq	# 93
67) Hexachlorobenzene	11.02	284	386722	38.47	nq	# 77
68) Atrazine	11.13	200	385022	44.34	nq	96
69) Pentachlorophenol	11.22	266	159730	30.64	nq	97
70) Phenanthrene	11.45	178	1888069	43.50	nq	97
71) Anthracene	11.49	178	1687231	39.65	nq	97
72) Carbazole	11.65	167	1547454	37.20	nq	99
73) Di-n-butylphthalate	11.98	149	1977306	44.62	nq	# 96
74) Fluoranthene	12.62	202	1514895	33.41	nq	98
76) Benzidine	12.75	184	609417	32.32	nq	99
77) Pyrene	12.85	202	1492603	36.16	nq	98
79) Butylbenzylphthalate	13.48	149	697346	39.04	nq	97
80) Benzo(a)anthracene	14.04	228	1105816	35.81	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	435974	40.45	nq	# 95
82) Chrysene	14.08	228	1005659	33.89	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	814011	36.08	nq	# 96
84) Di-n-octyl phthalate	14.65	149	1337827	35.12	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1229785	52.28	nq	100
87) Benzo(b)fluoranthene	15.08	252	1293533	37.05	nq	99
88) Benzo(k)fluoranthene	15.08	252	1293533	45.31	nq	# 95
89) Benzo(a)pyrene	15.44	252	1181216	39.89	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	1005537	39.47	nq	96
91) Benzo(g,h,i)perylene	17.35	276	1004467	38.07	nq	96

(#) = 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: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

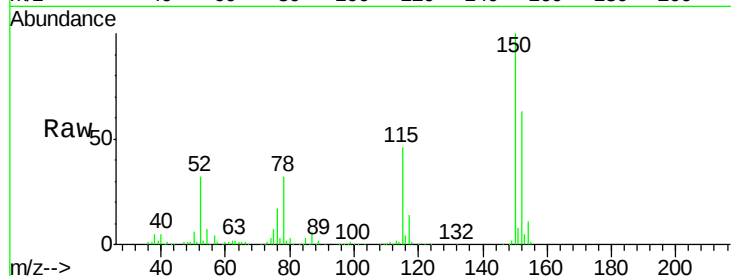
Tot Ion:152 Resp: 252798

Ion Ratio Lower Upper

152 100

150 157.8 123.0 184.4

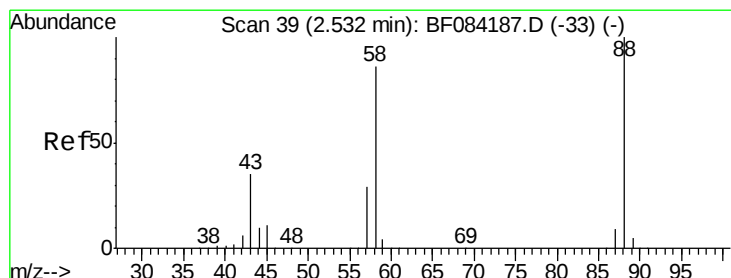
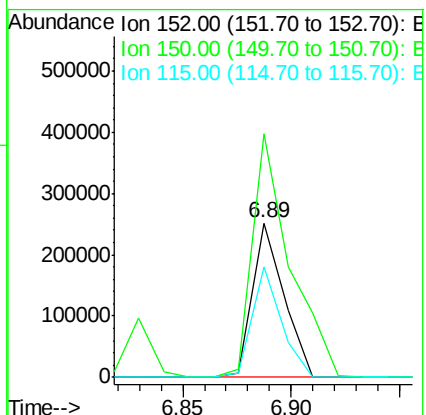
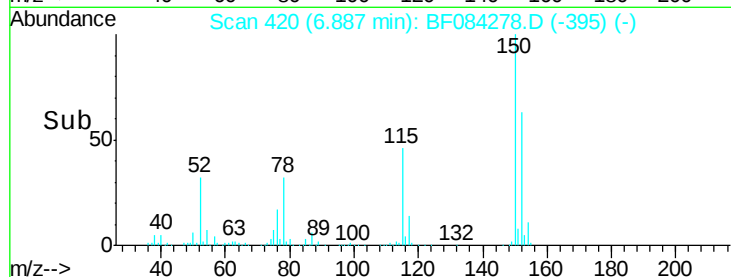
115 72.0 51.4 77.2



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: 40.46 ng

RT: 2.50 min Scan# 36

Delta R.T. -0.03 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

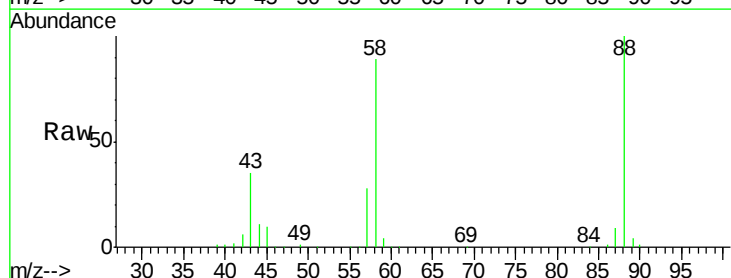
Tgt Ion: 88 Resp: 299535

Ion Ratio Lower Upper

88 100

58 85.0 51.2 76.8#

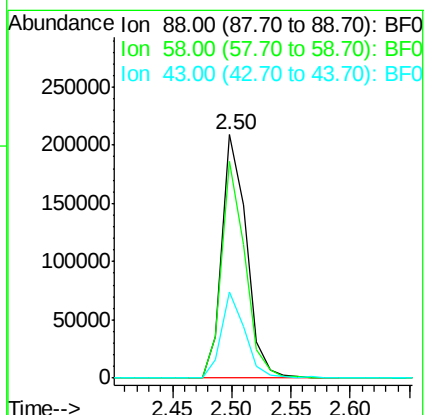
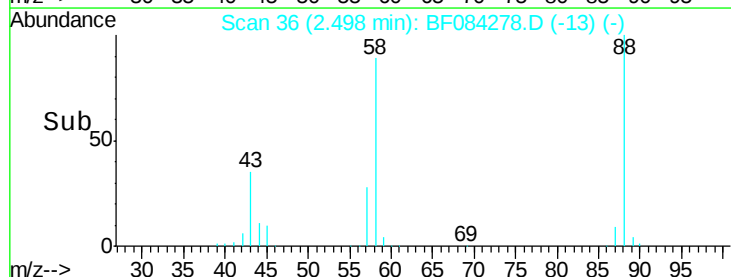
43 33.9 19.5 29.3#

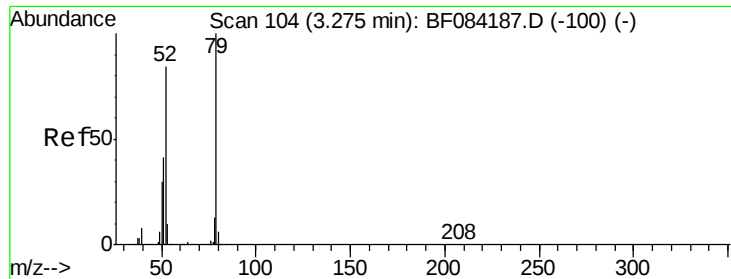


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.41 ng

RT: 3.24 min Scan# 101

Delta R.T. -0.03 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

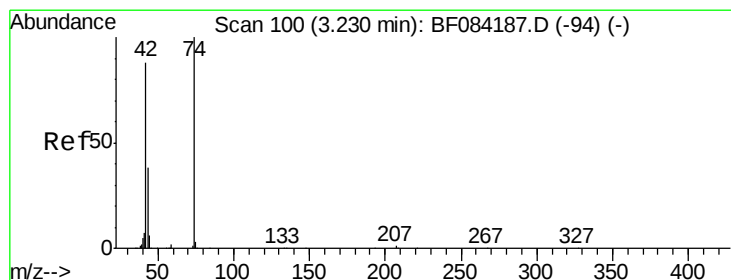
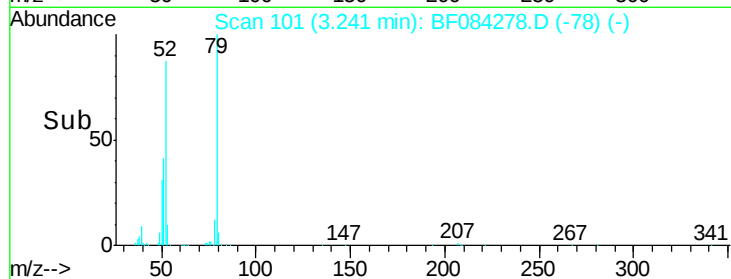
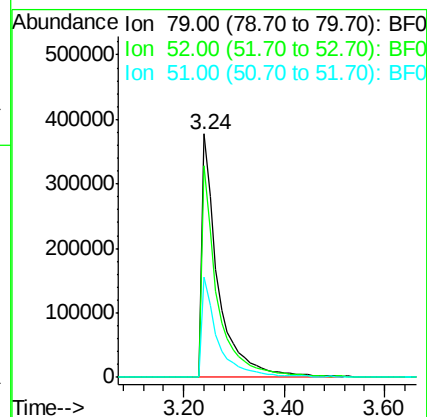
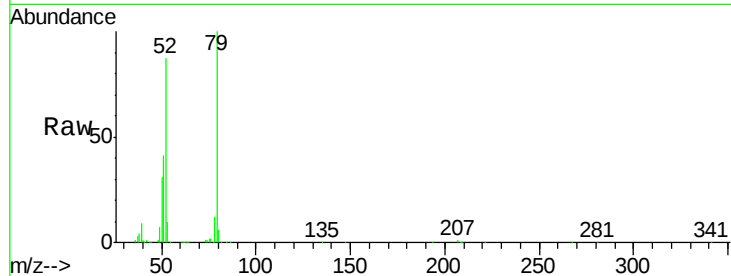
Tot Ion: 79 Resp: 854881

Ion Ratio Lower Upper

79 100

52 87.1 49.0 73.4#

51 41.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 39.78 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.03 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

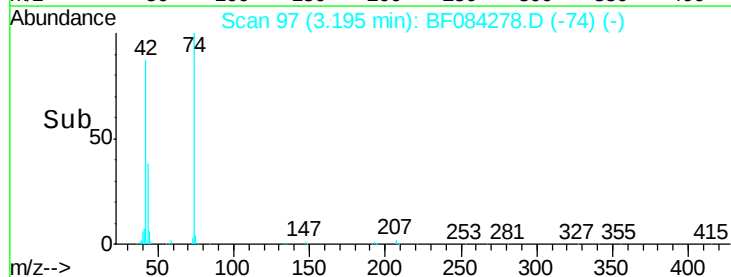
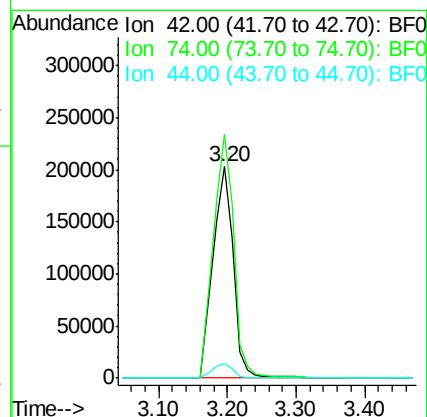
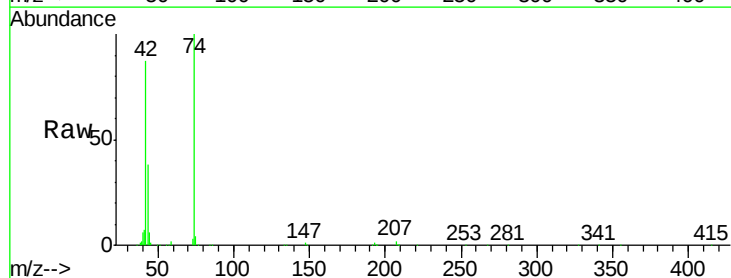
Tgt Ion: 42 Resp: 421523

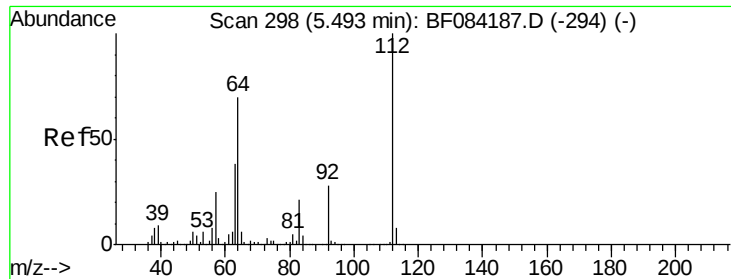
Ion Ratio Lower Upper

42 100

74 115.2 115.7 173.5#

44 7.0 5.1 7.7





#5

2-Fluorophenol

Concen: 82.91 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

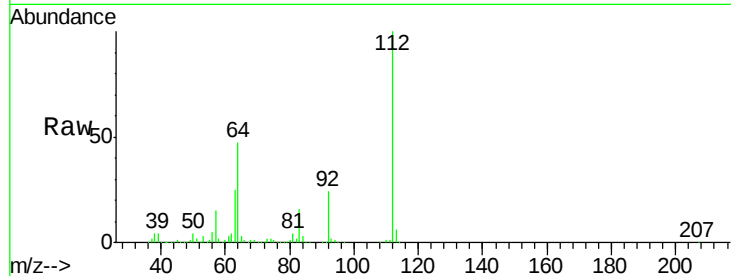
Tot Ion:112 Resp: 1295801

Ion Ratio Lower Upper

112 100

64 46.8 36.6 55.0

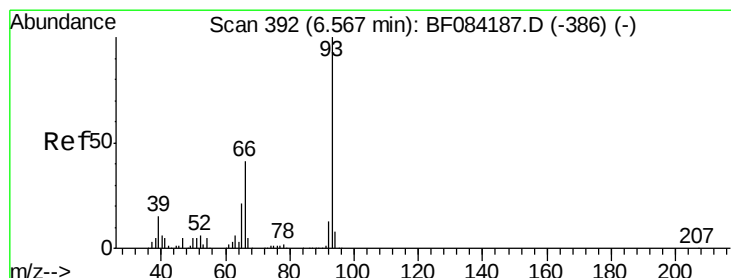
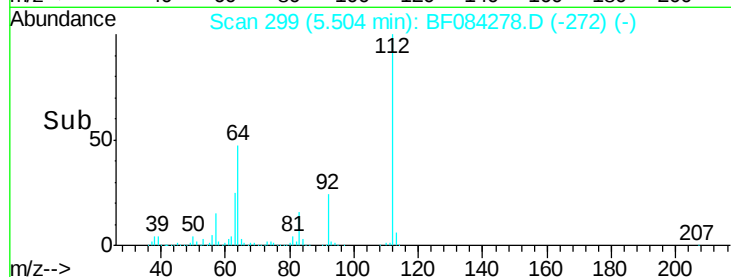
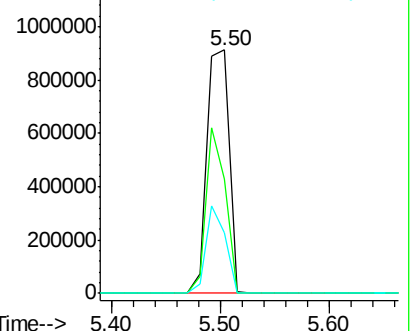
63 24.7 19.4 29.0



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: 37.21 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

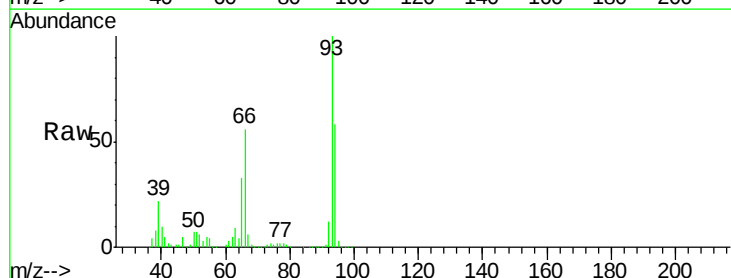
Tgt Ion: 93 Resp: 1068474

Ion Ratio Lower Upper

93 100

66 56.0 44.9 67.3

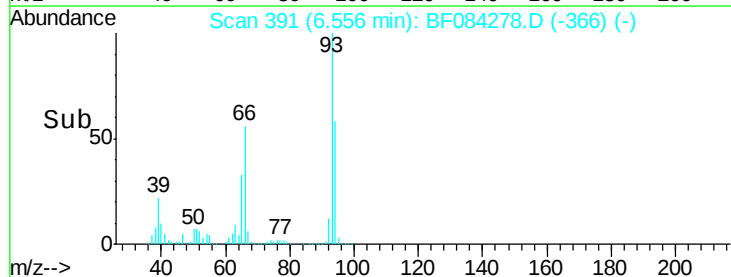
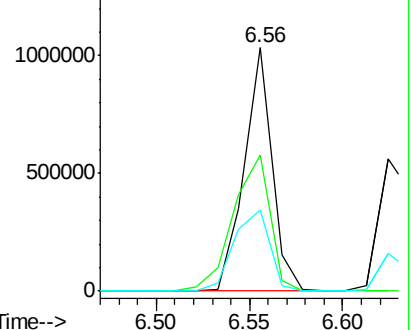
65 33.1 23.7 35.5

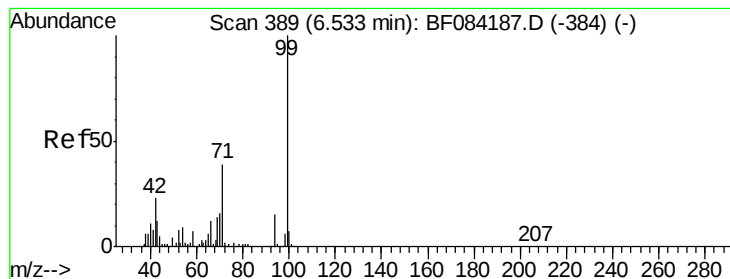


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.52 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

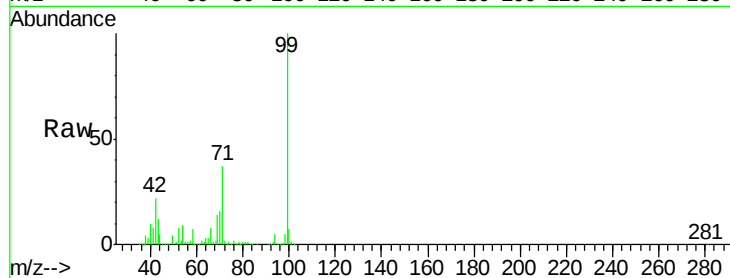
Tot Ion: 99 Resp: 1580571

Ion Ratio Lower Upper

99 100

42 22.2 12.8 19.2#

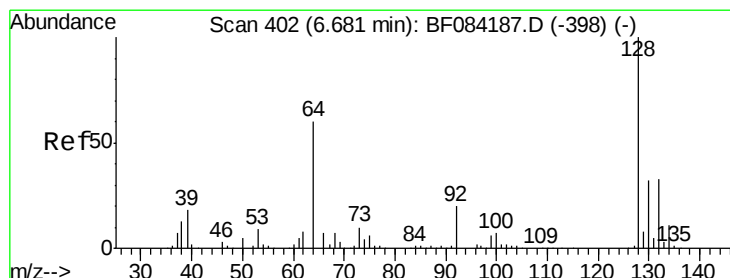
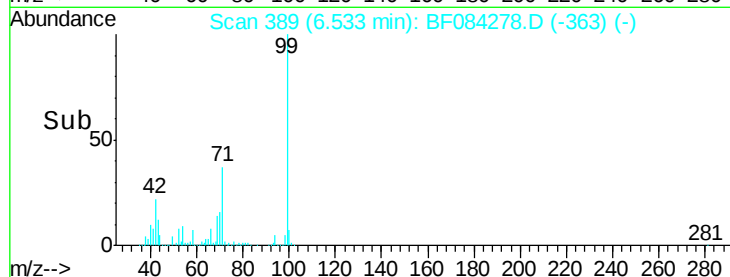
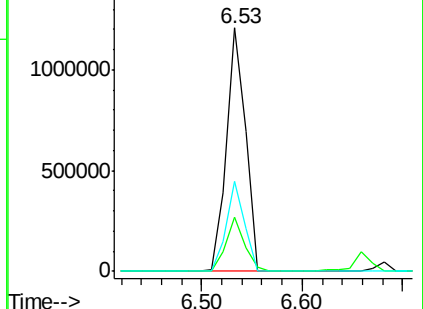
71 36.8 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.93 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

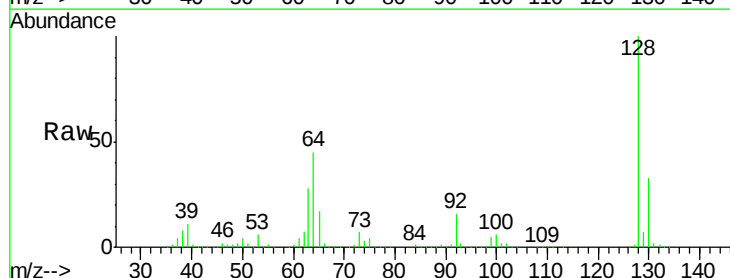
Tgt Ion: 128 Resp: 761285

Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

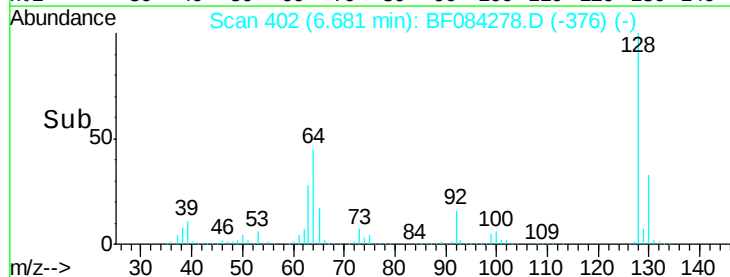
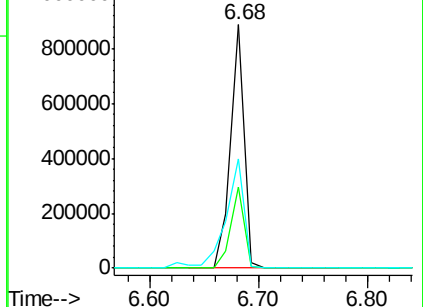
64 44.8 23.8 63.8

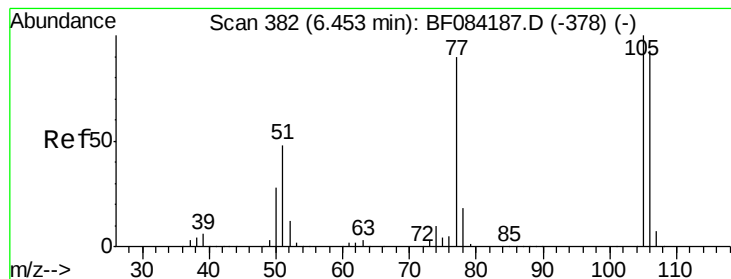


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.02 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

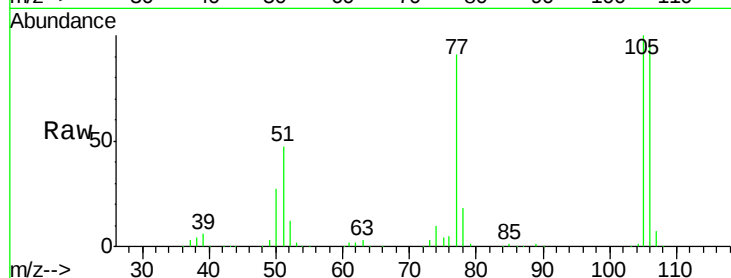
Tot Ion: 77 Resp: 498720

Ion Ratio Lower Upper

77 100

105 109.5 83.0 123.0

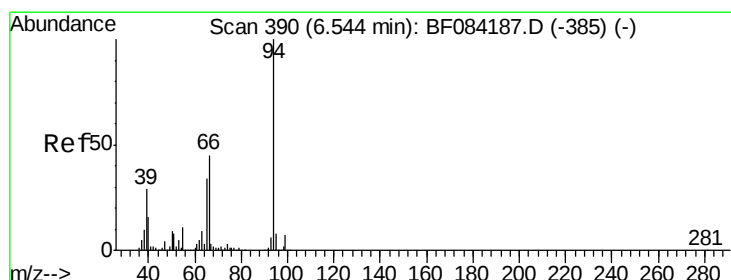
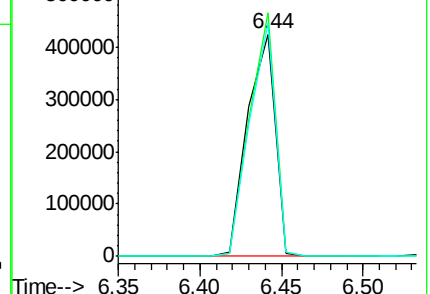
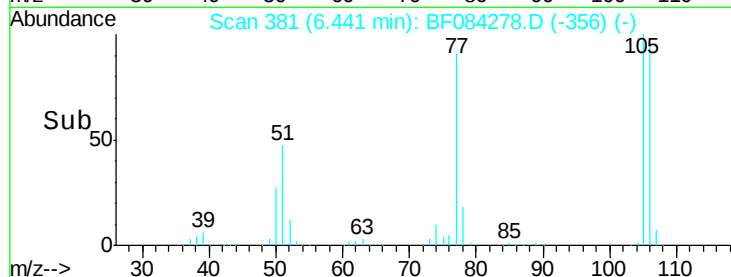
106 105.1 74.6 114.6



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: 37.80 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

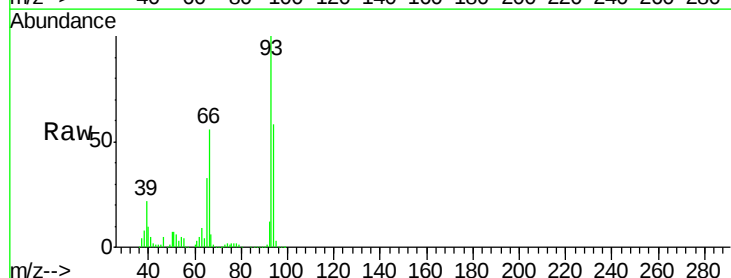
Tgt Ion: 94 Resp: 843710

Ion Ratio Lower Upper

94 100

65 57.2 12.9 52.9#

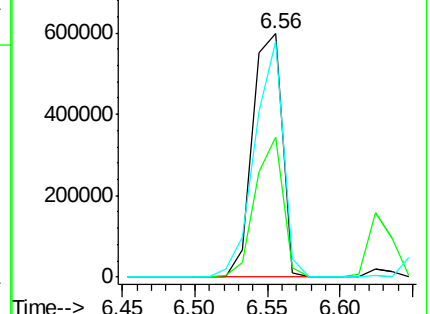
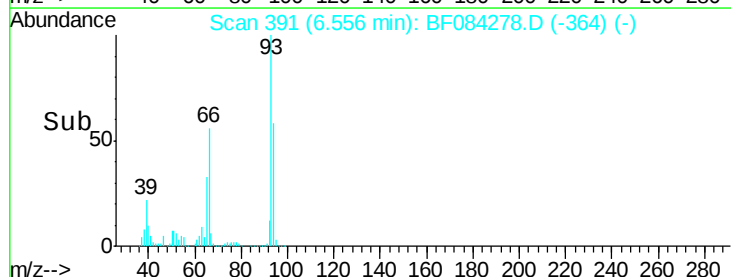
66 96.9 32.7 72.7#



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: 40.31 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

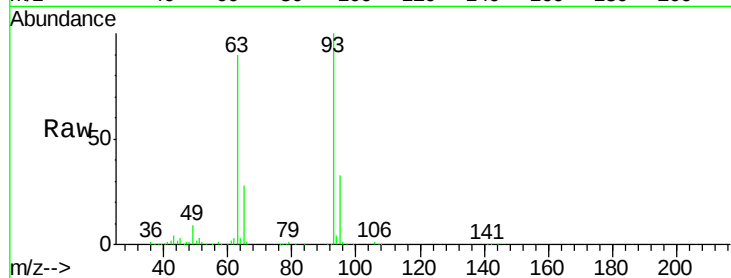
Tot Ion: 93 Resp: 696849

Ion Ratio Lower Upper

93 100

63 90.3 45.9 85.9#

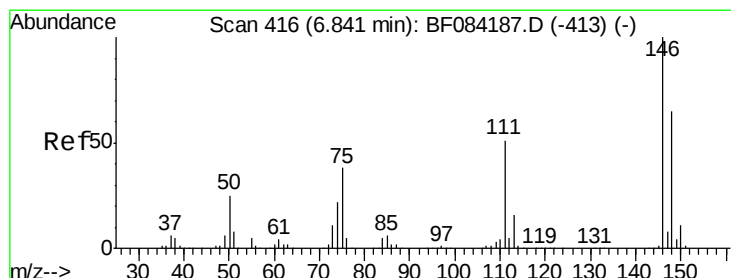
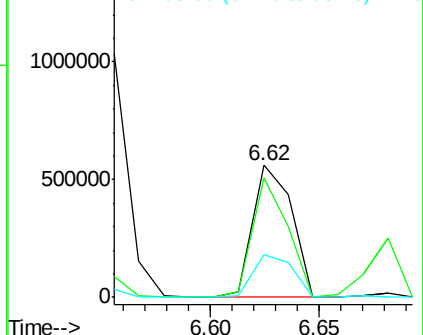
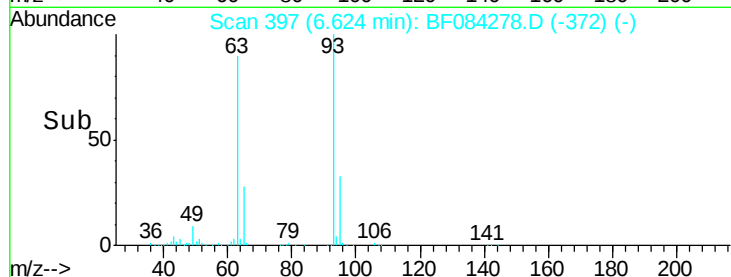
95 32.7 12.3 52.3



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: 40.41 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

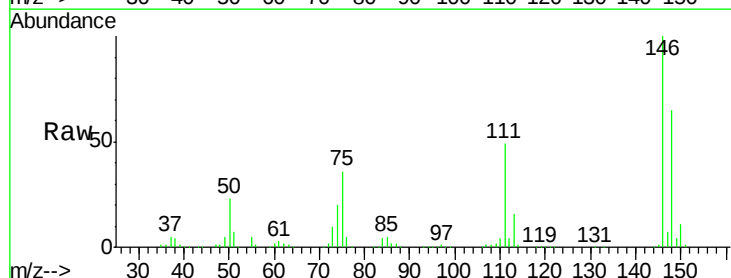
Tgt Ion: 146 Resp: 739105

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

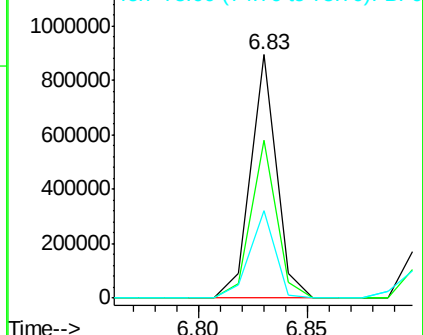
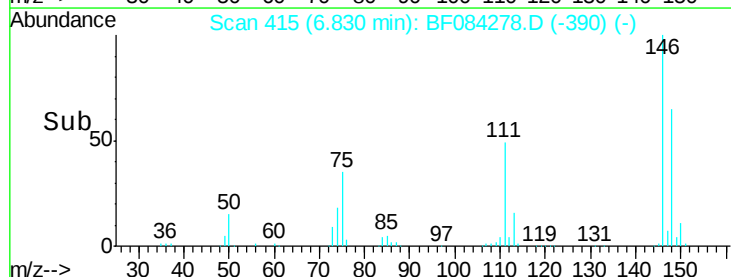
75 36.1 20.5 30.7#

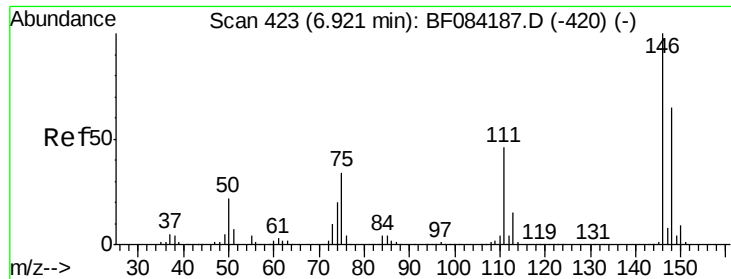


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

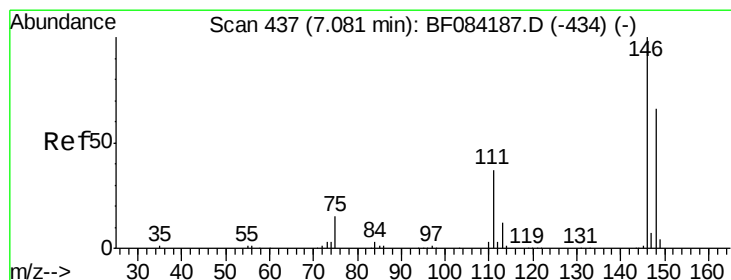
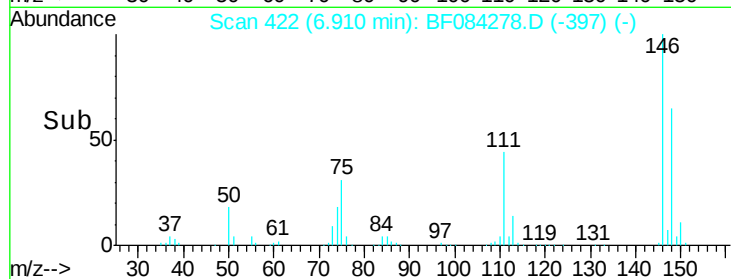
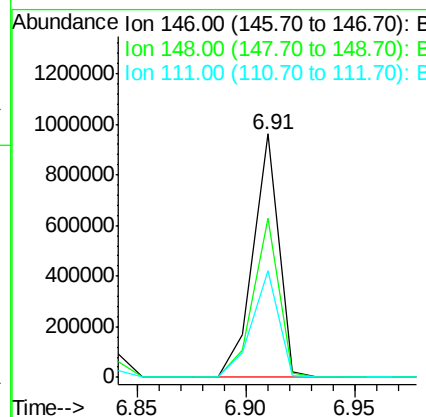
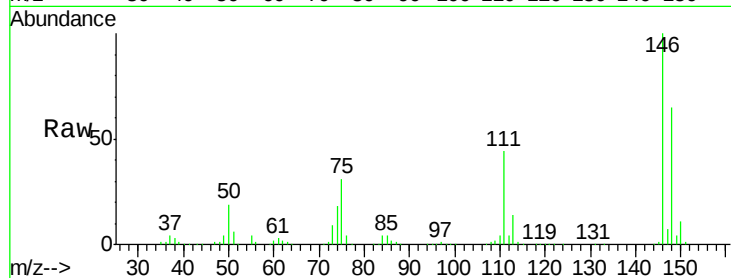




#13
 1,4-Dichlorobenzene
 Concen: 43.25 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

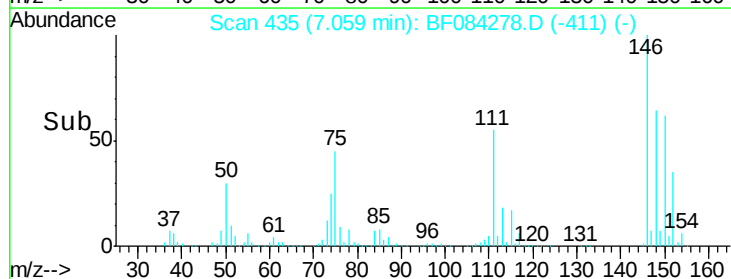
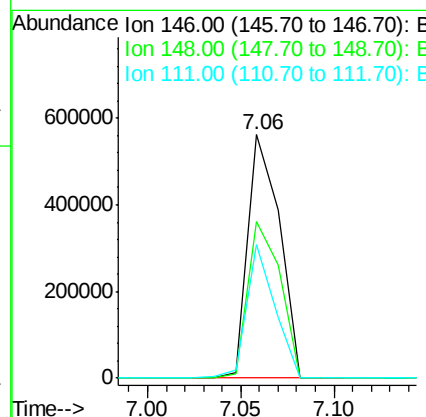
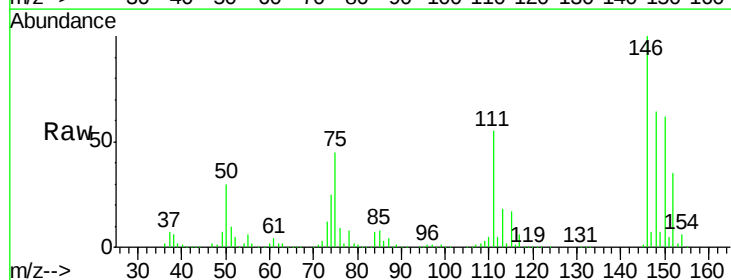
Instrument :
 BNA_F
 ClientSampleId :

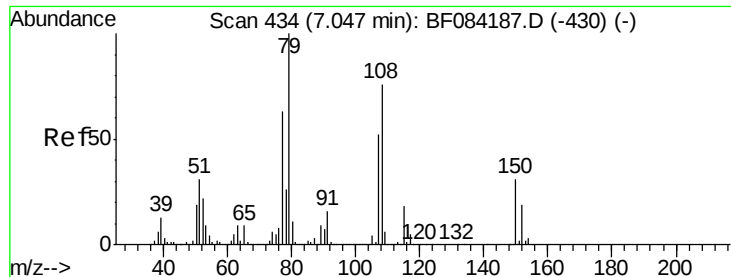
Tot Ion:146 Resp: 793422
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.9 77.9
 111 43.9 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 37.62 ng
 RT: 7.06 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion:146 Resp: 660891
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 54.9 38.0 57.0





#15

Benzyl Alcohol

Concen: 35.82 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

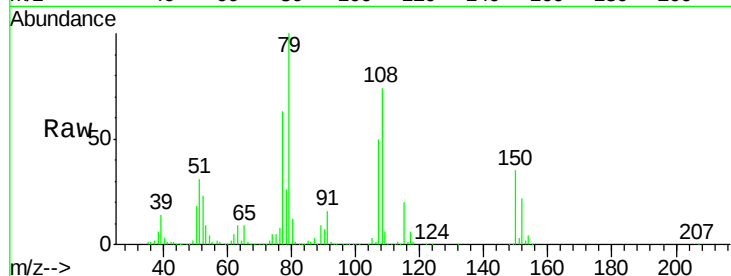
Tot Ion: 79 Resp: 591506

Ion Ratio Lower Upper

79 100

108 74.0 69.0 103.4

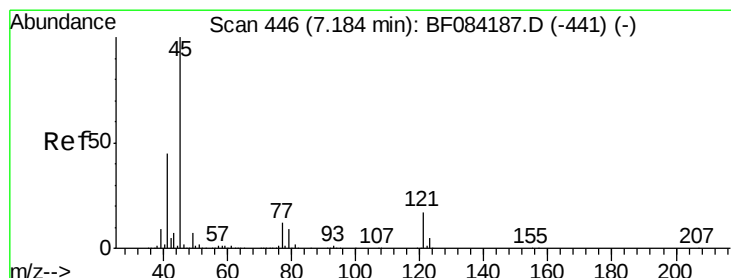
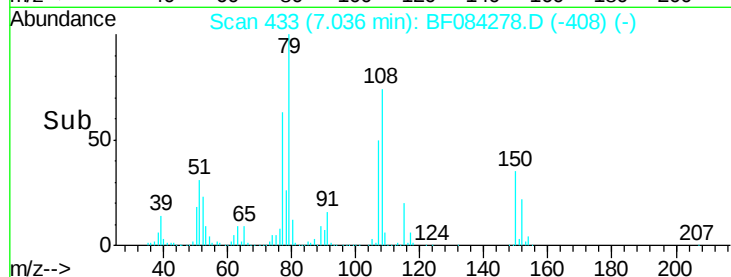
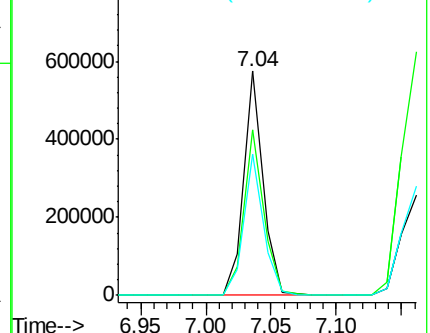
77 62.9 50.0 75.0



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: 36.39 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

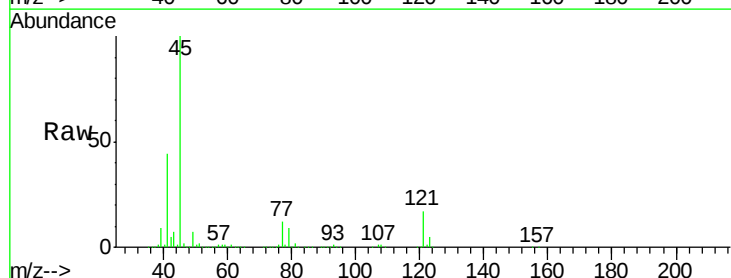
Tgt Ion: 45 Resp: 1145768

Ion Ratio Lower Upper

45 100

77 12.1 0.0 39.6

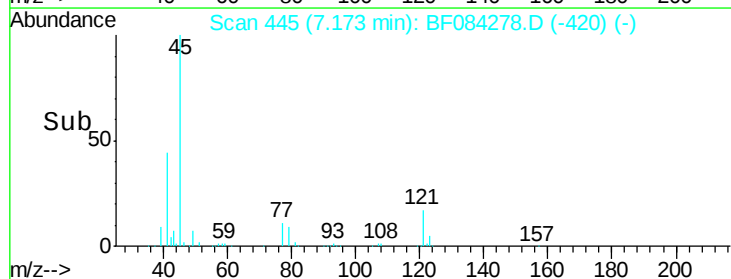
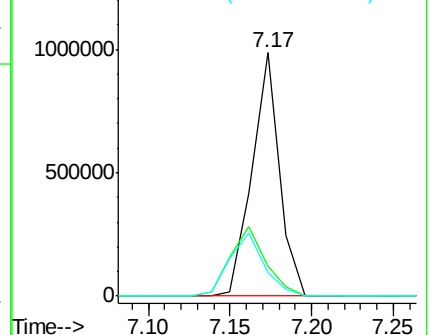
79 9.4 0.0 35.0

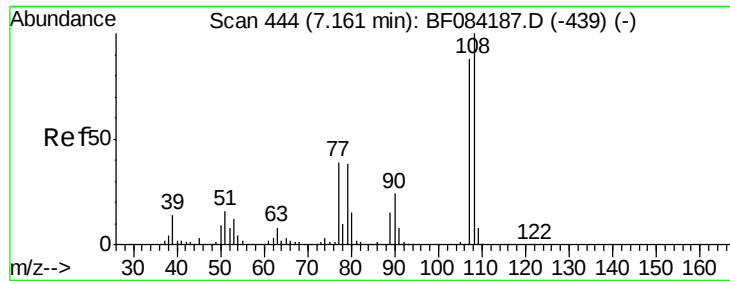


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

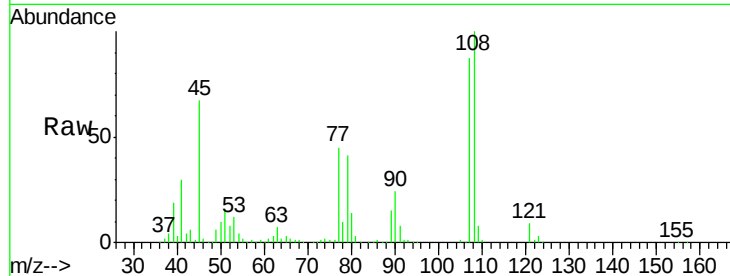




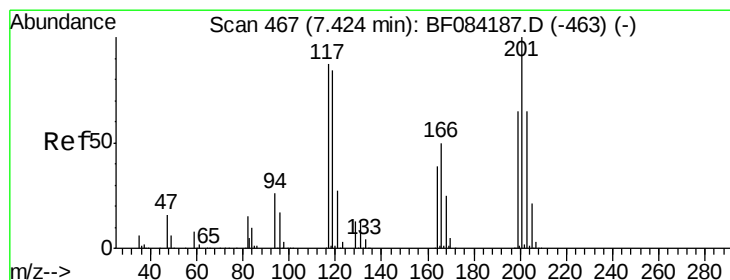
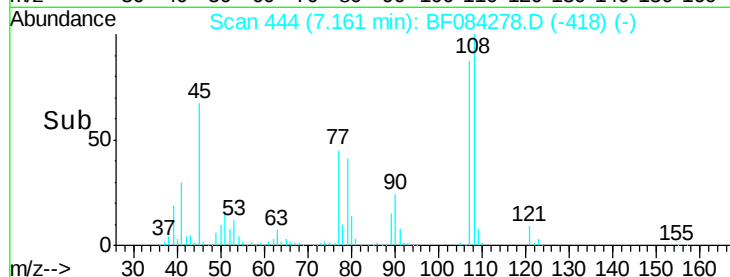
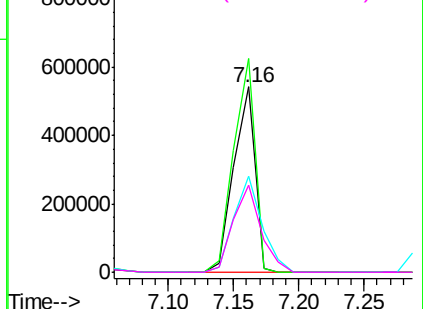
#17
2-Methylphenol
Concen: 40.96 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 608704
Ion Ratio Lower Upper
107 100
108 115.2 89.8 134.6
77 51.6 35.7 53.5
79 47.2 35.7 53.5

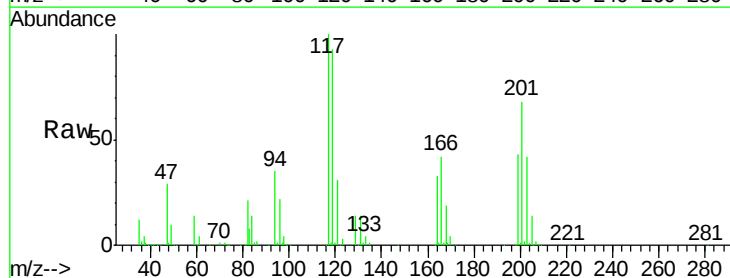


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

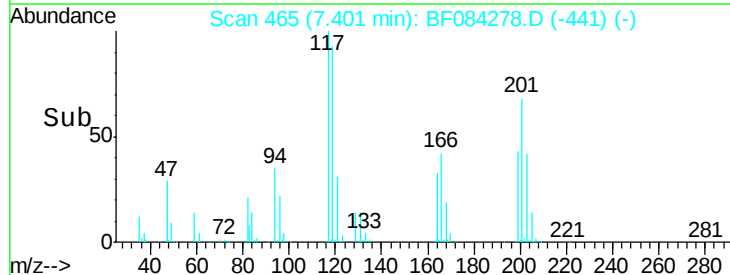
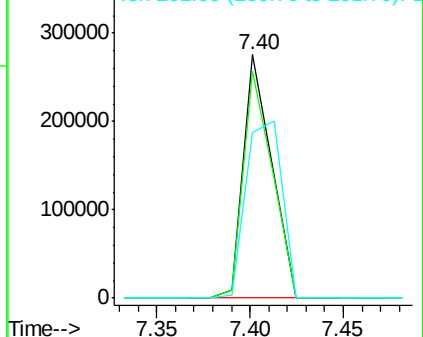


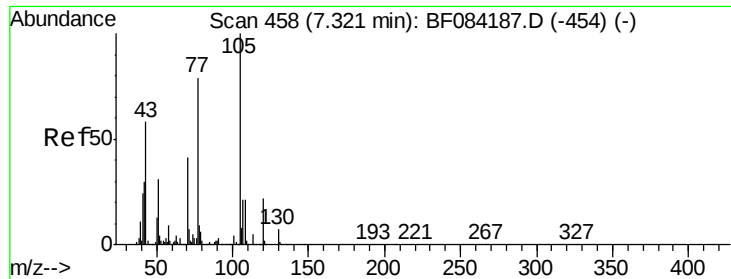
#18
Hexachloroethane
Concen: 39.60 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:117 Resp: 290458
Ion Ratio Lower Upper
117 100
119 93.3 77.4 116.0
201 68.0 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

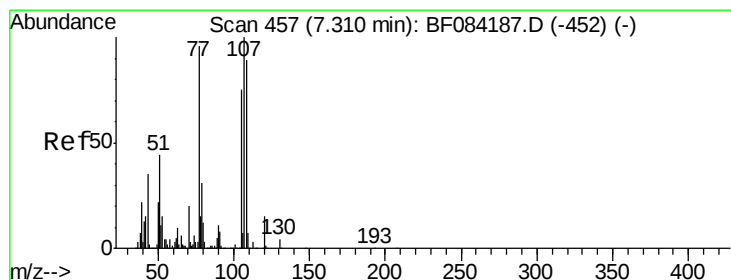
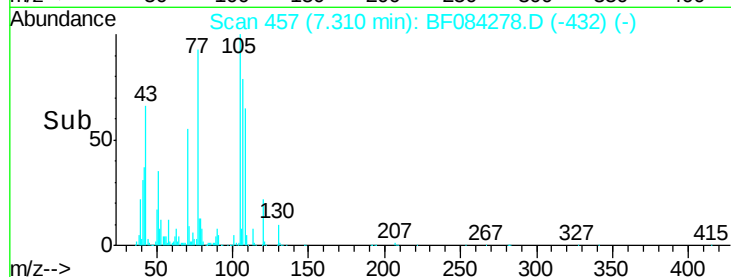
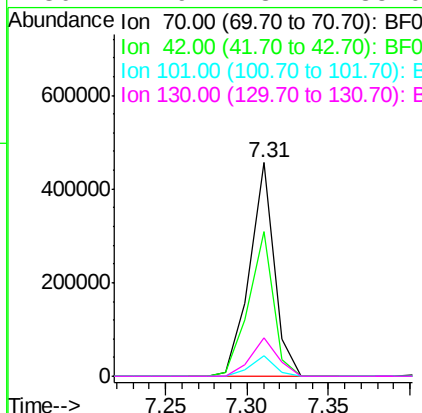
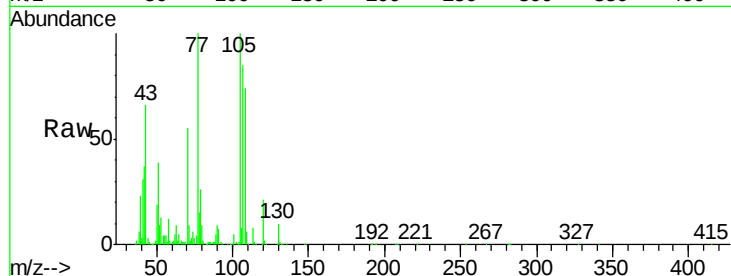




#19
n-Nitroso-di-n-propylamine
Concen: 36.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

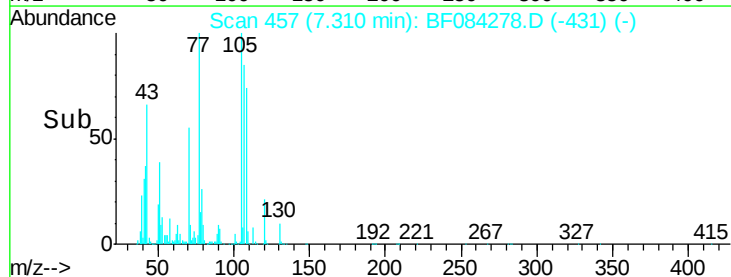
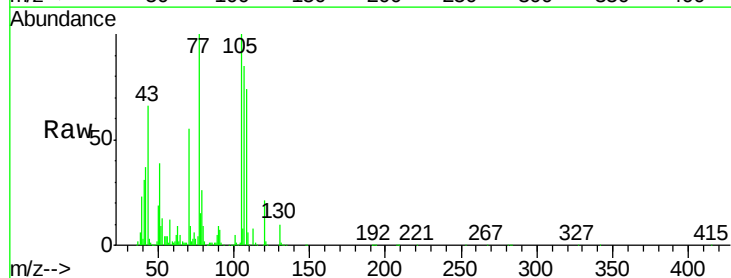
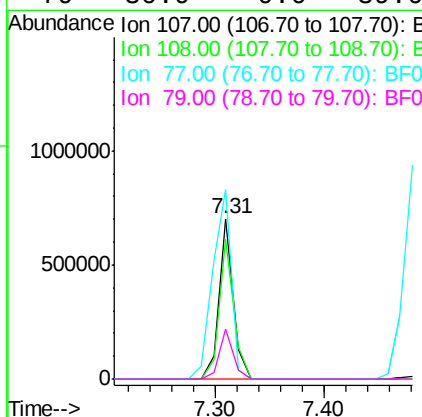
Instrument :
BNA_F
ClientSampleId :

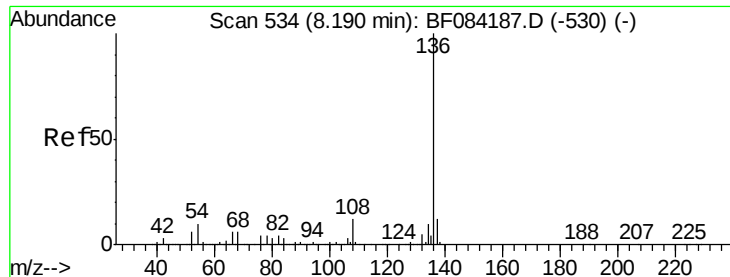
Tot Ion	Ratio	Lower	Upper
70	100		
42	67.6	33.3	49.9#
101	9.4	9.3	13.9
130	17.9	23.4	35.0#



#20
3+4-Methylphenols
Concen: 37.00 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	74.6	114.6
77	118.2	0.7	40.7#
79	30.9	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1053291

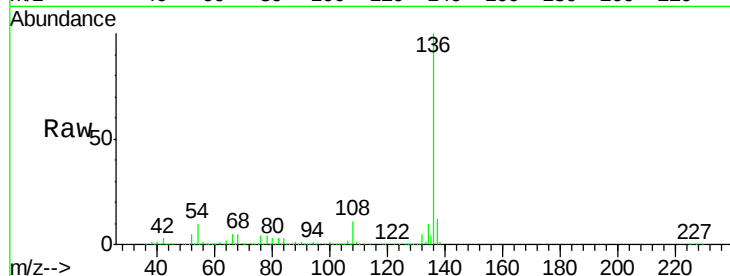
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 9.6 5.8 8.8#

68 5.4 4.2 6.2

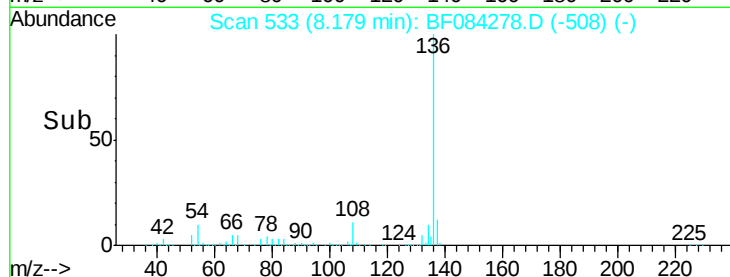


Abundance Ion 136.00 (135.70 to 136.70): E

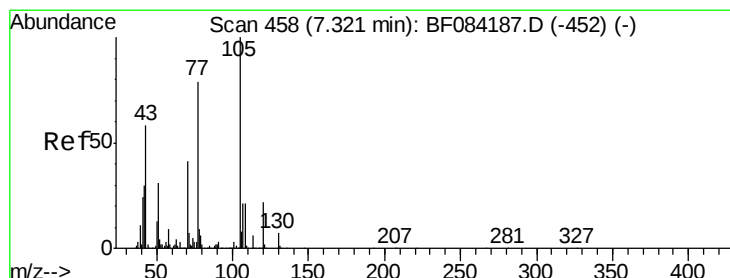
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.15 8.20



#22

Acetophenone

Concen: 41.12 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Tgt Ion:105 Resp: 1041464

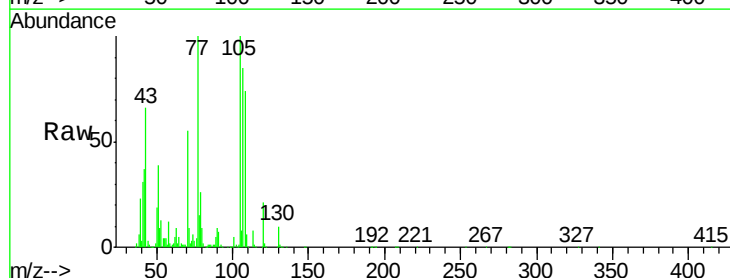
Ion Ratio Lower Upper

105 100

71 8.9 3.7 5.5#

51 39.0 25.1 37.7#

120 21.5 16.6 25.0

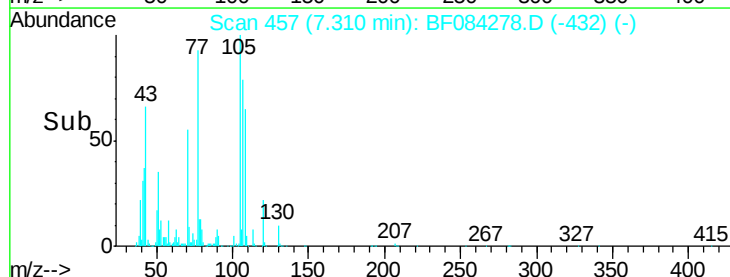


Abundance Ion 105.00 (104.70 to 105.70): E

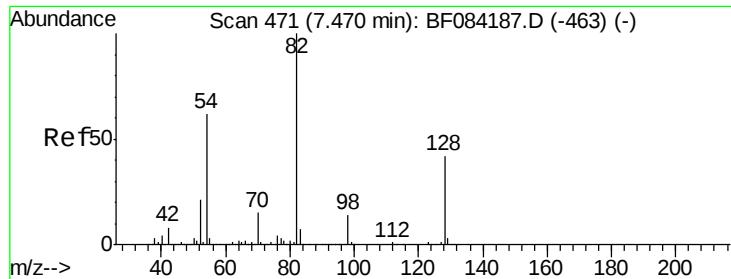
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



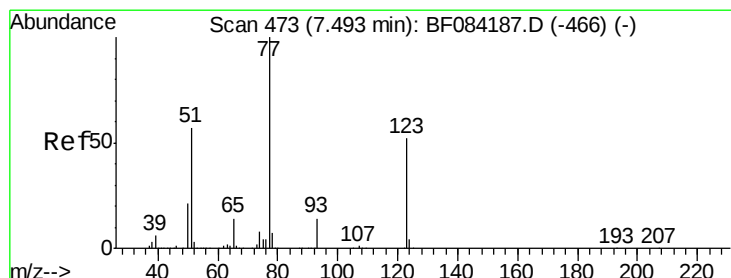
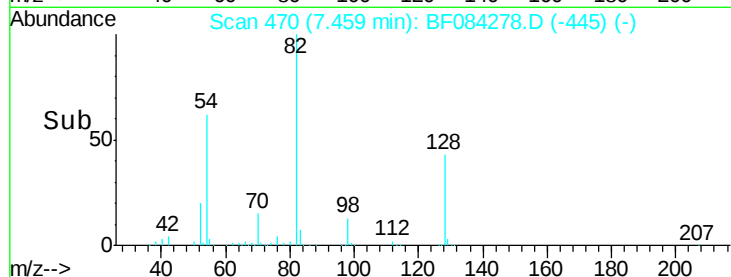
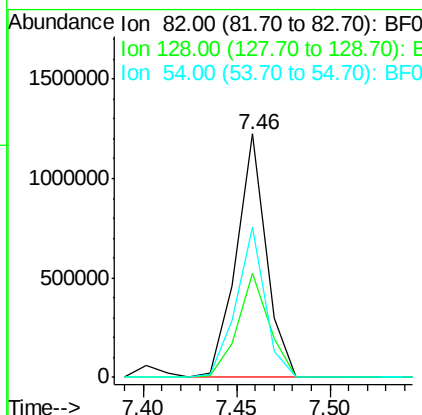
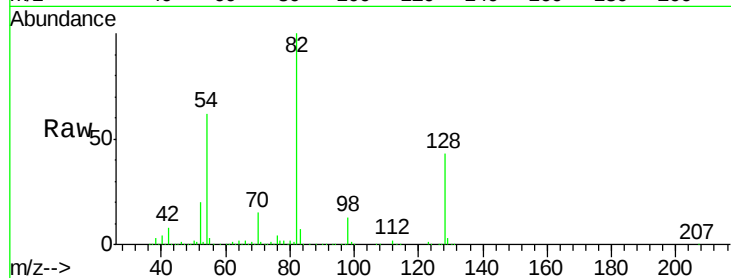
Time--> 7.25 7.30 7.35



#23
 Nitrobenzene-d5
 Concen: 72.70 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

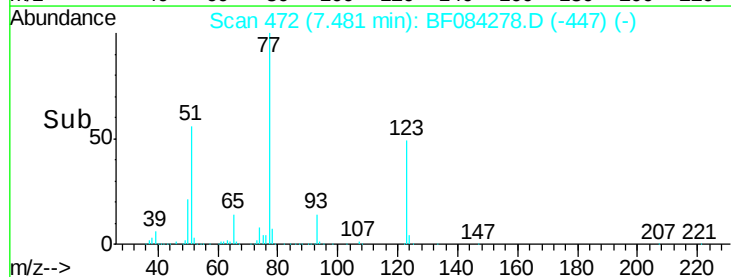
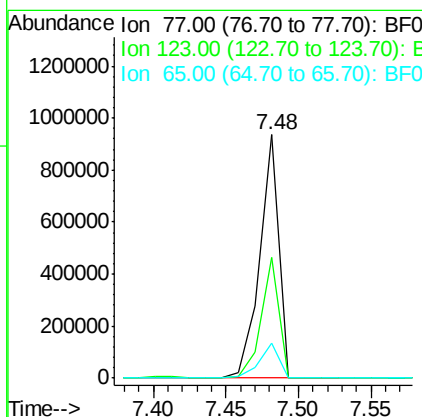
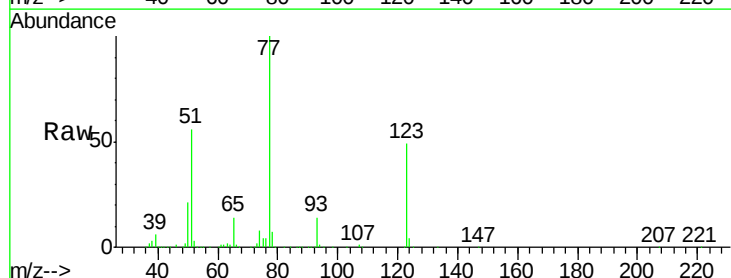
Instrument :
 BNA_F
 ClientSampleId :

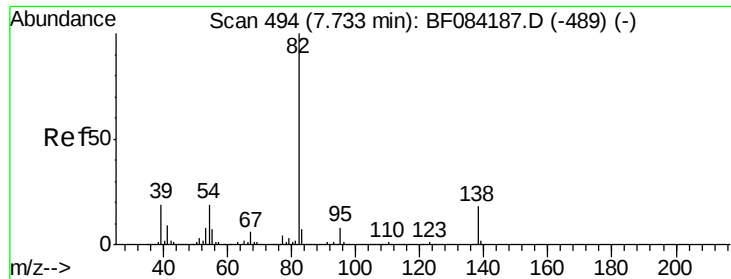
Tot Ion: 82 Resp: 1375823
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.6 51.8
 54 61.8 38.4 57.6#



#24
 Nitrobenzene
 Concen: 44.24 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion: 77 Resp: 849192
 Ion Ratio Lower Upper
 77 100
 123 49.3 37.4 56.2
 65 14.2 10.9 16.3





#25

Isophorone

Concen: 39.22 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

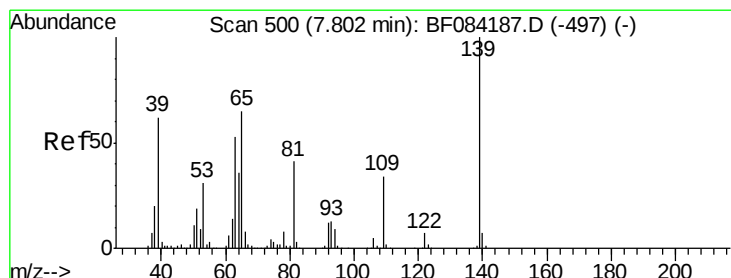
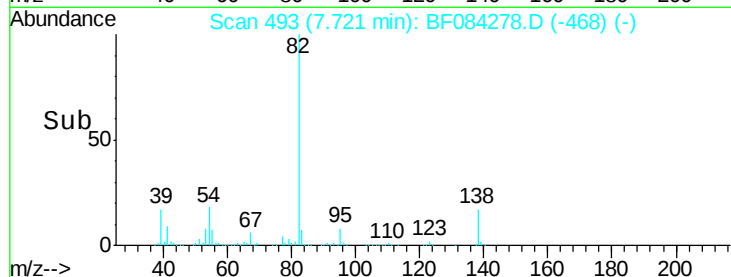
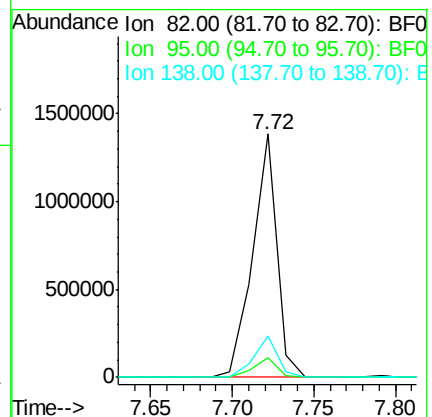
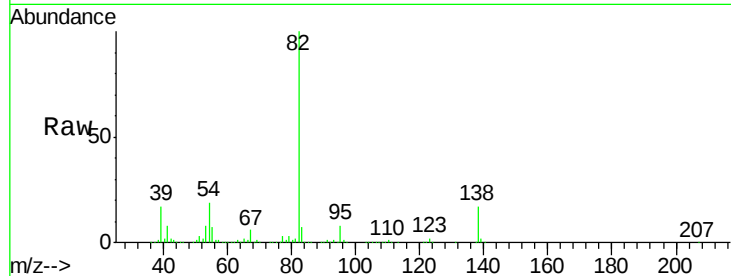
Tot Ion: 82 Resp: 1419448

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

138 17.0 13.6 20.4



#26

2-Nitrophenol

Concen: 40.73 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

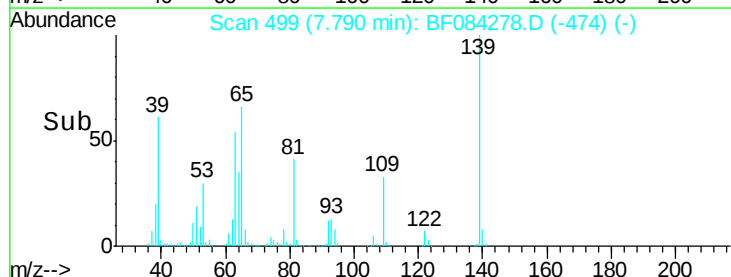
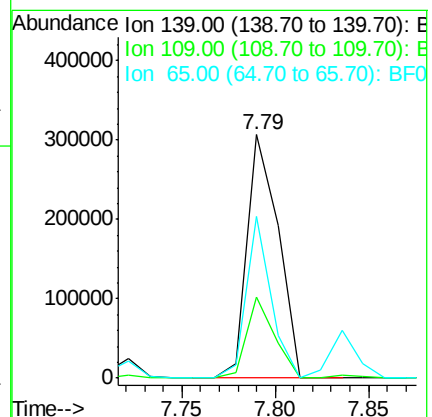
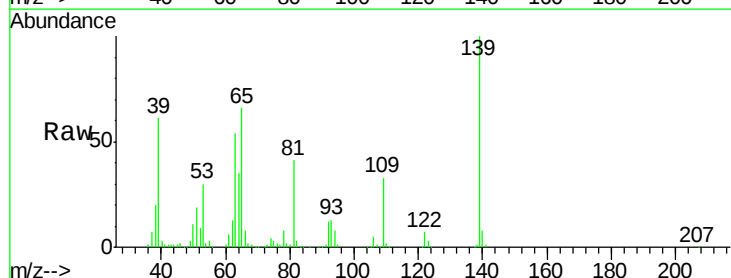
Tgt Ion: 139 Resp: 355799

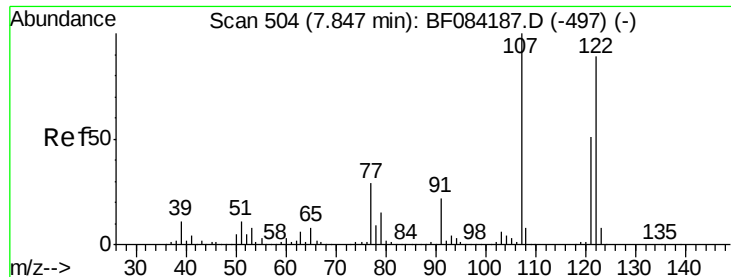
Ion Ratio Lower Upper

139 100

109 33.1 25.4 38.2

65 66.4 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 36.85 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

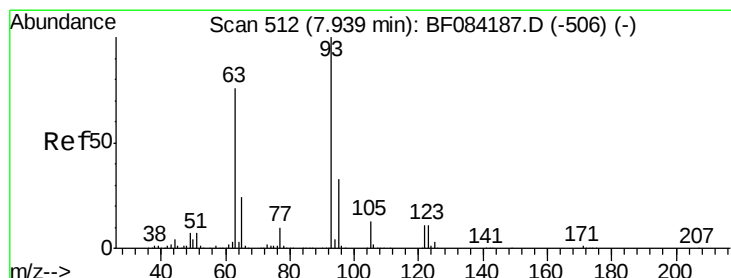
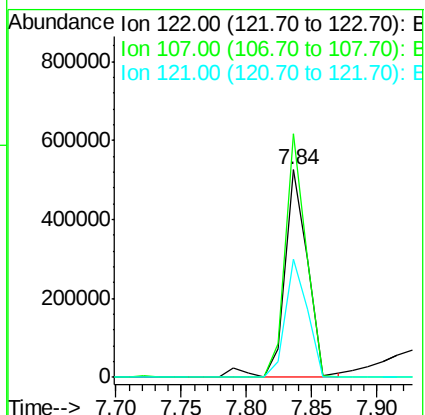
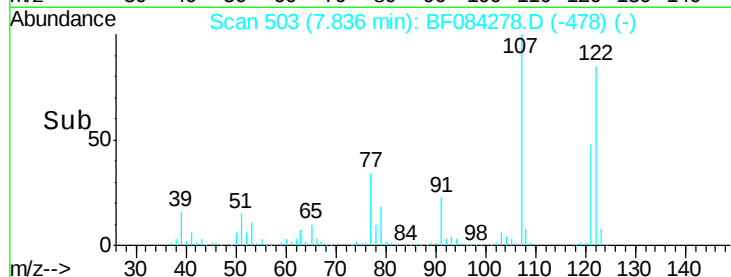
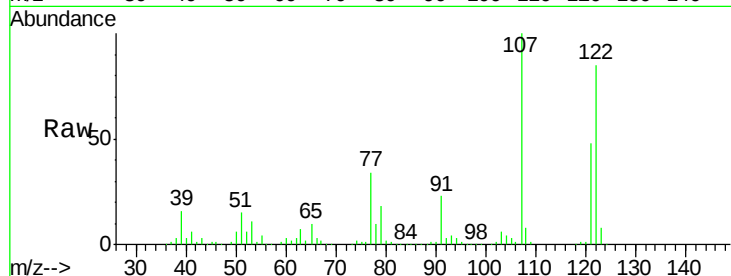
Tot Ion:122 Resp: 651572

Ion Ratio Lower Upper

122 100

107 117.2 99.1 148.7

121 56.7 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 36.19 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

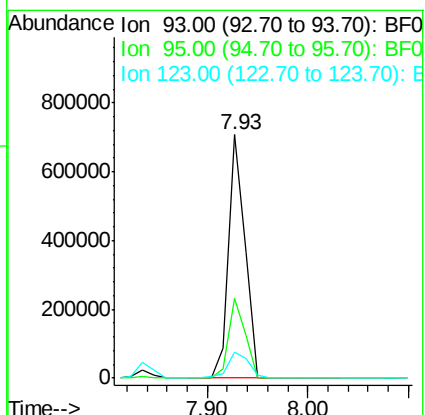
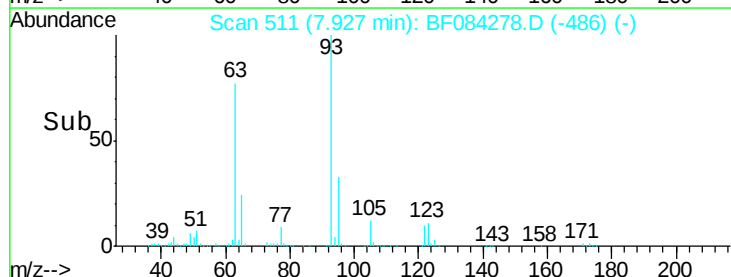
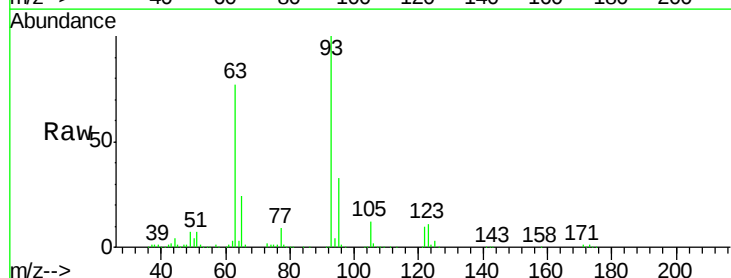
Tgt Ion: 93 Resp: 800173

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

123 10.9 8.6 12.8

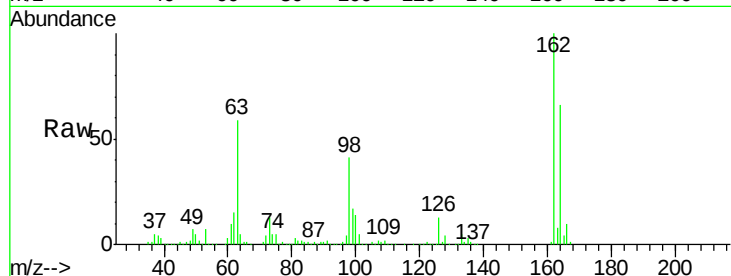




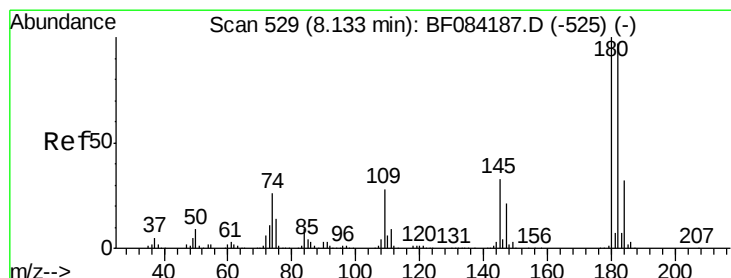
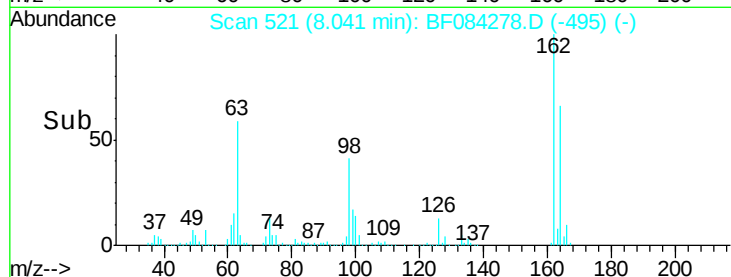
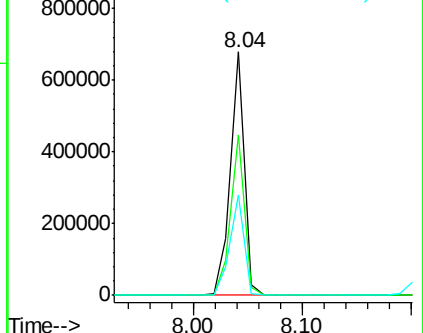
#29
2,4-Dichlorophenol
Concen: 40.78 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	44.1	84.1
98	41.0	20.2	60.2

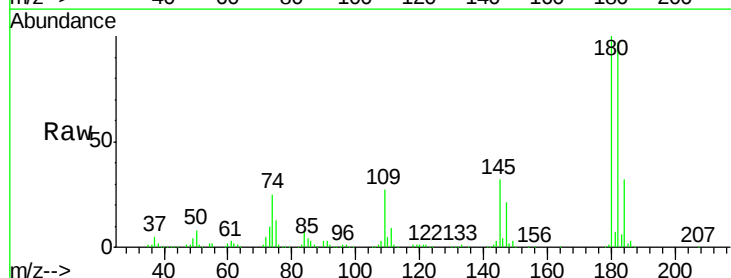


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

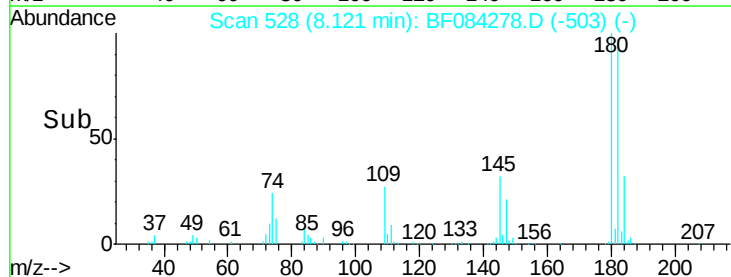
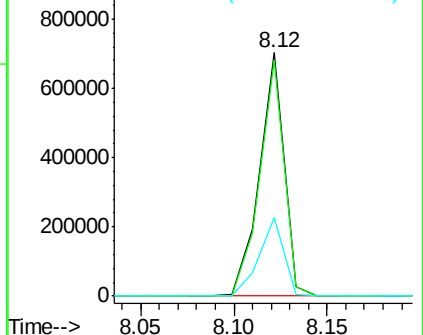


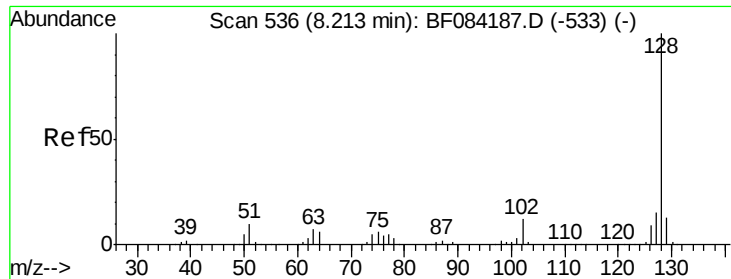
#30
1,2,4-Trichlorobenzene
Concen: 41.74 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.4	114.6
145	32.2	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

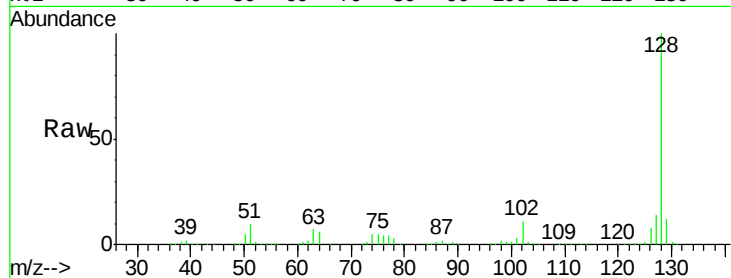




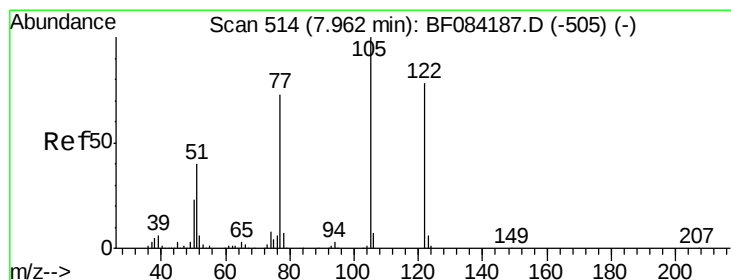
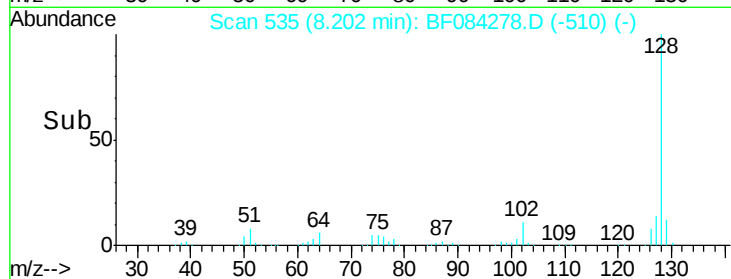
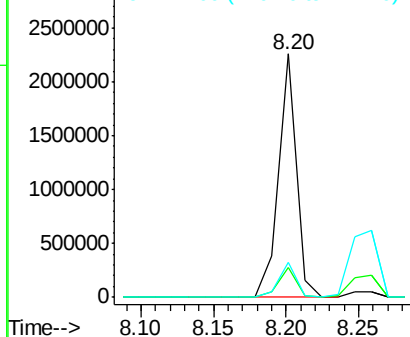
#31
Naphthalene
Concen: 40.38 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1929531
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 14.5 11.1 16.7

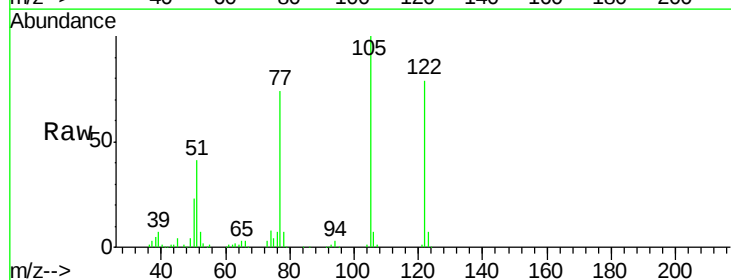


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

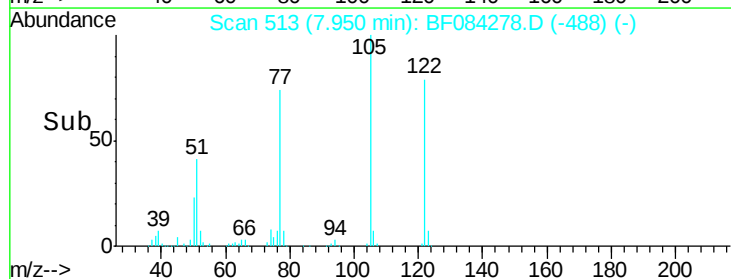
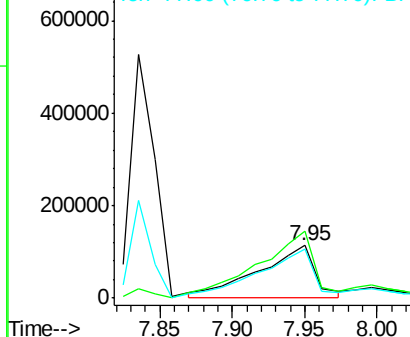


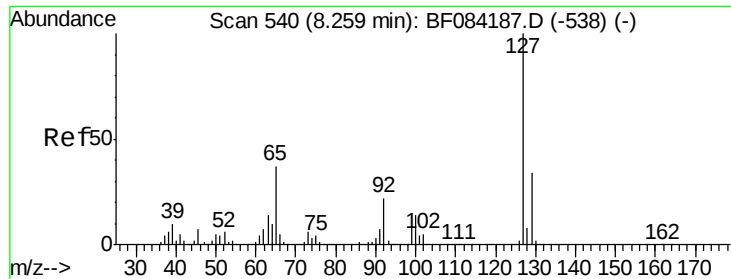
#32
Benzoic acid
Concen: 29.47 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:122 Resp: 303664
Ion Ratio Lower Upper
122 100
105 126.2 100.3 140.3
77 93.6 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

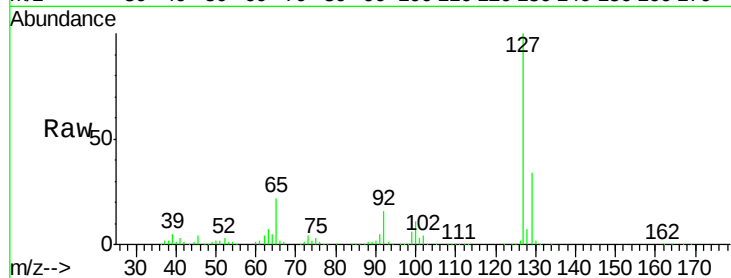




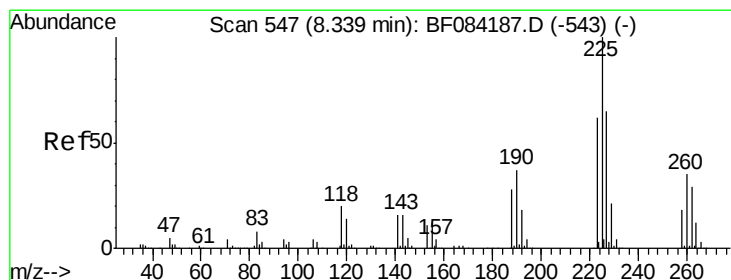
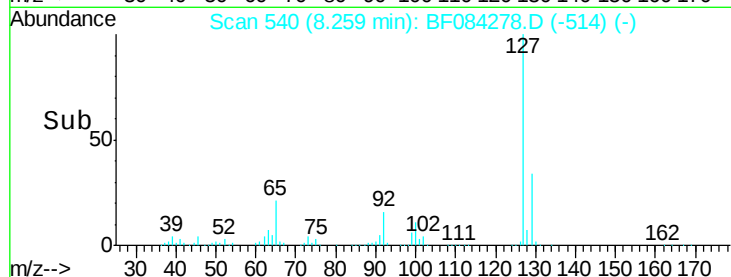
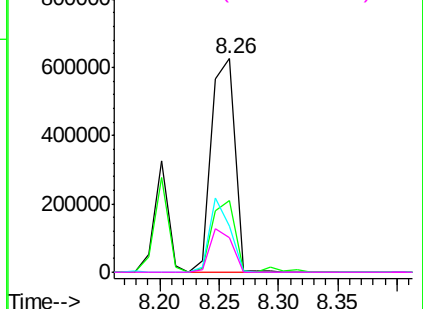
#33
4-Chloroaniline
Concen: 38.72 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	848352
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.5	39.7
65	21.5	27.2	40.8#
92	16.0	17.7	26.5#

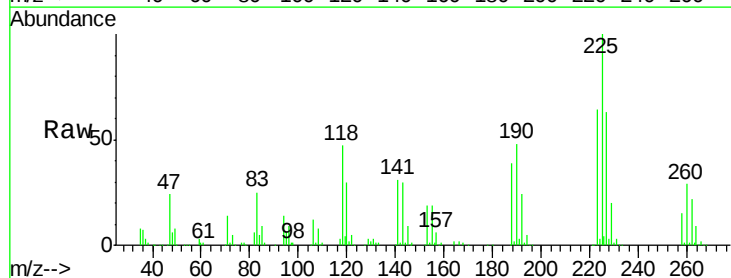


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

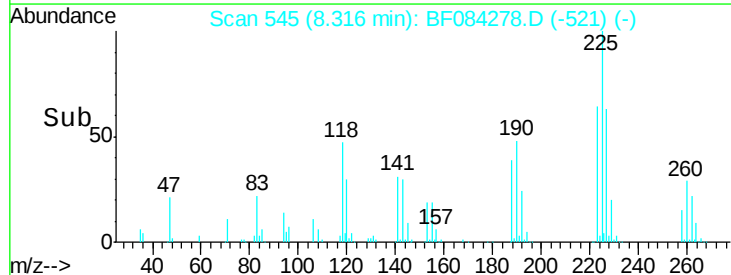
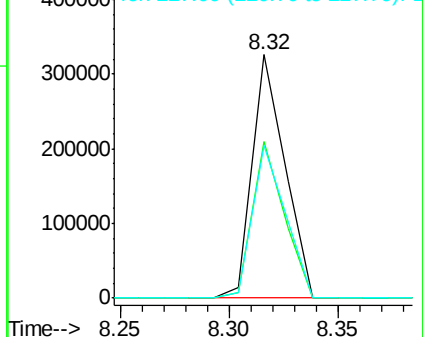


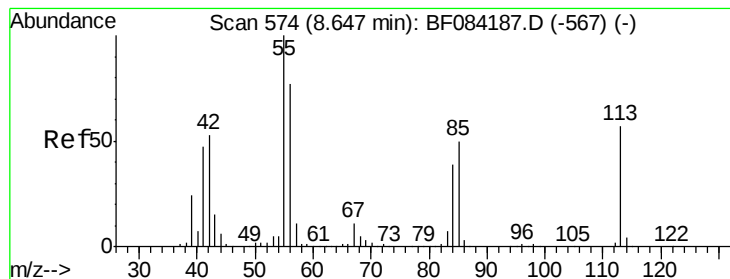
#34
Hexachlorobutadiene
Concen: 38.86 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:	225	Resp:	339676
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	62.8	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: 39.94 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampled :

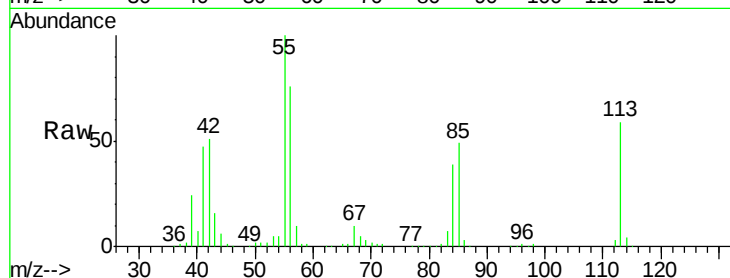
Tot Ion:113 Resp: 198345

Ion Ratio Lower Upper

113 100

55 170.0 116.9 156.9#

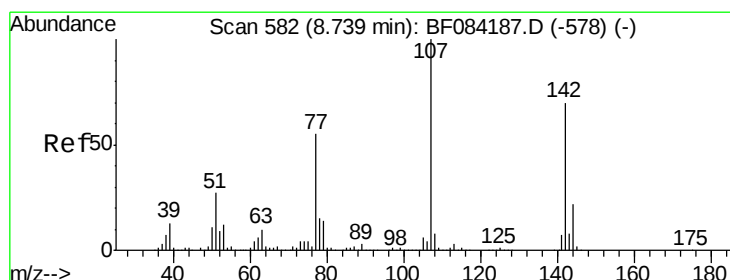
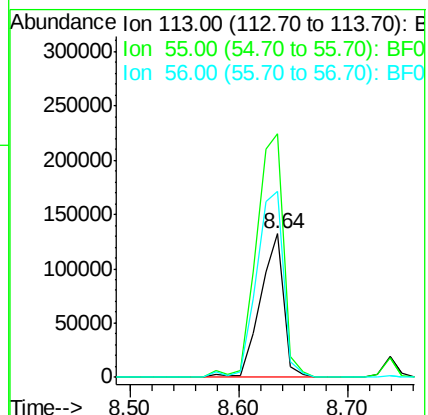
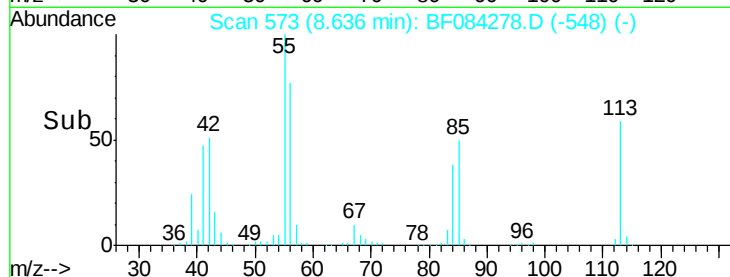
56 129.8 93.8 133.8



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: 35.85 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

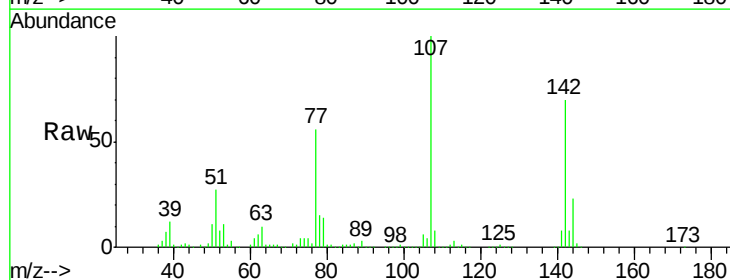
Tgt Ion:107 Resp: 591423

Ion Ratio Lower Upper

107 100

144 23.2 19.7 29.5

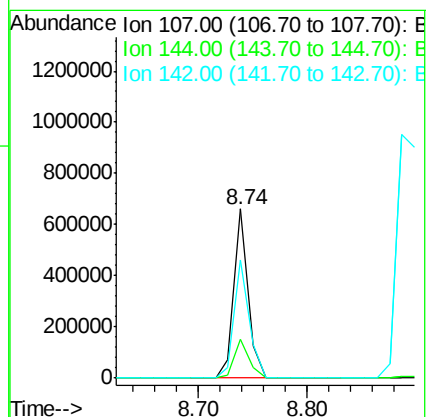
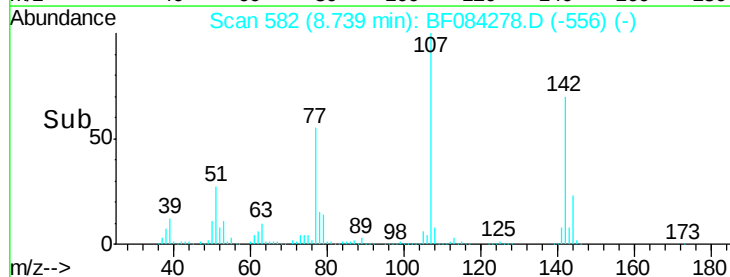
142 70.2 61.8 92.6

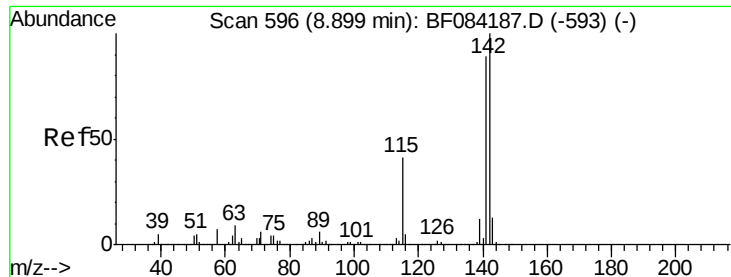


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

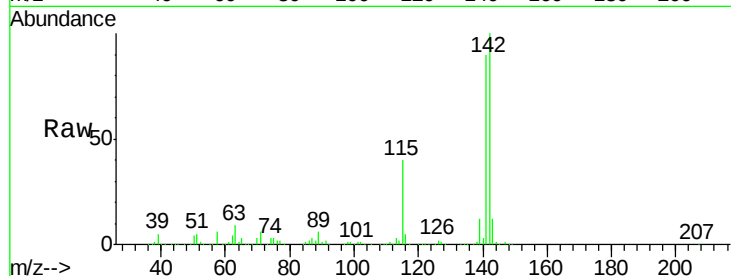




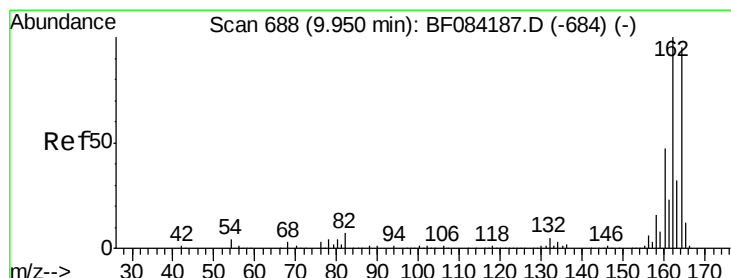
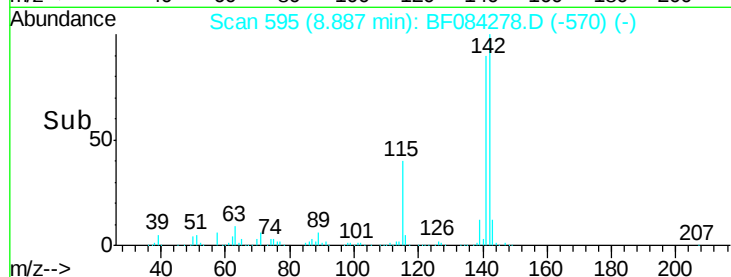
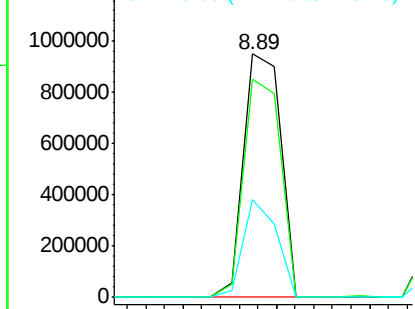
#37
2-Methylnaphthalene
Concen: 38.32 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1314415
Ion Ratio Lower Upper
142 100
141 89.8 72.4 108.6
115 40.2 27.9 41.9

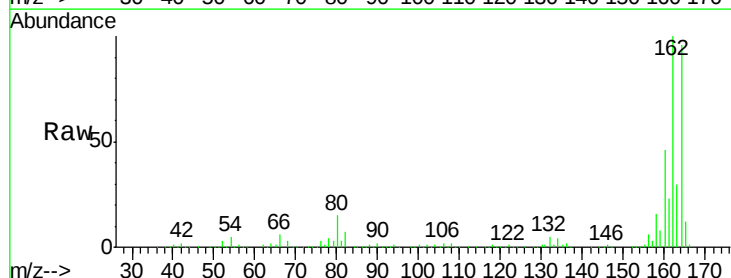


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

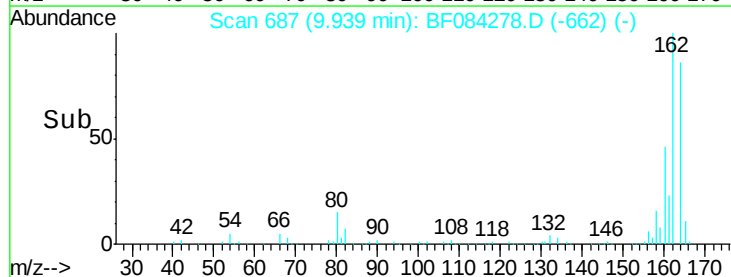
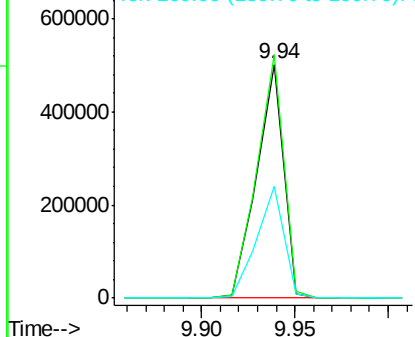


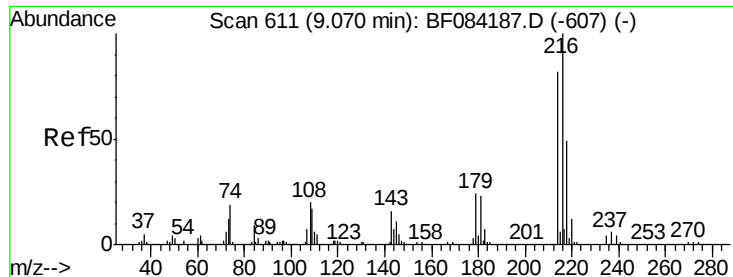
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:164 Resp: 498604
Ion Ratio Lower Upper
164 100
162 104.3 85.1 127.7
160 47.9 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.45 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 594143

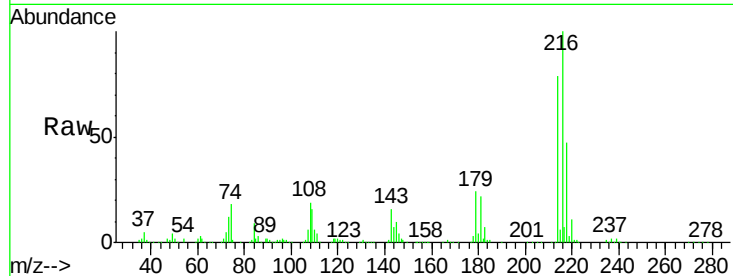
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 24.3 18.7 28.1

108 21.9 16.8 25.2

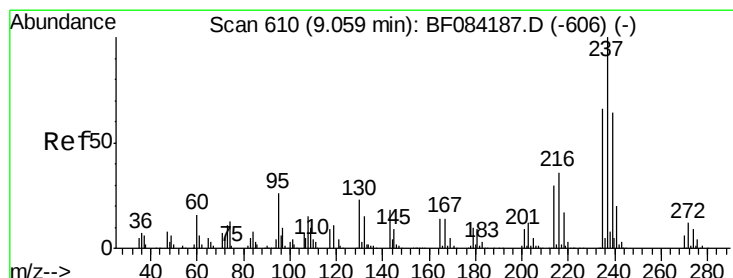
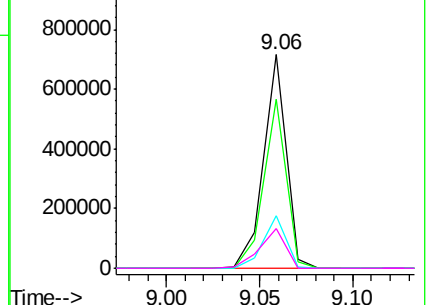
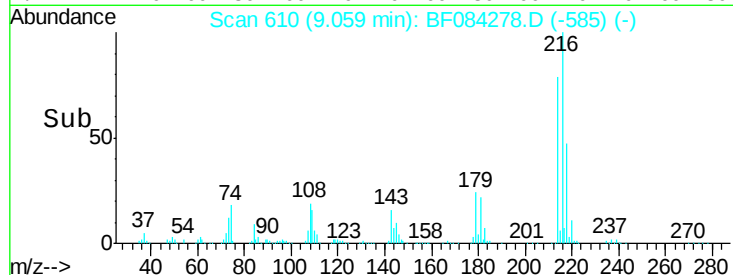


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.19 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

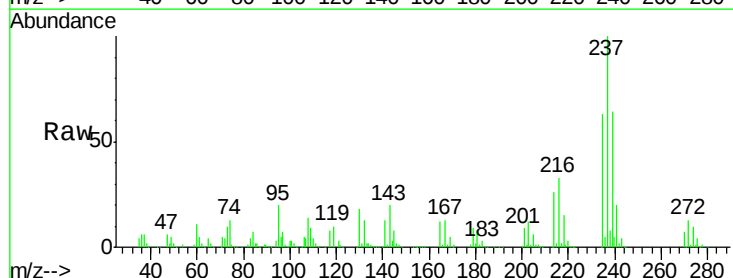
Tgt Ion:237 Resp: 304538

Ion Ratio Lower Upper

237 100

235 62.8 43.1 83.1

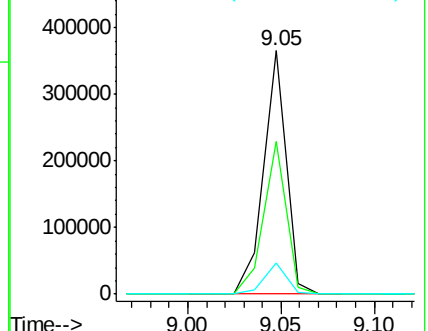
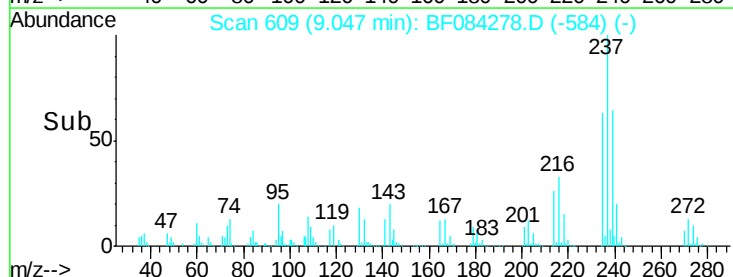
272 12.8 0.0 35.1

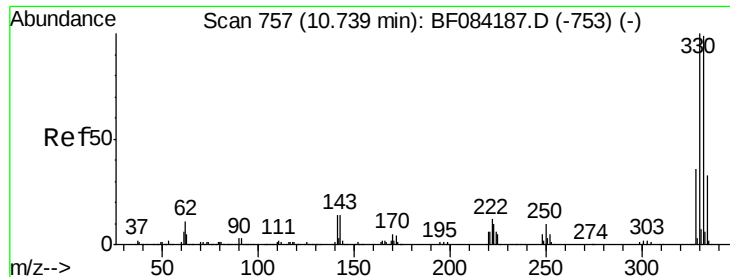


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

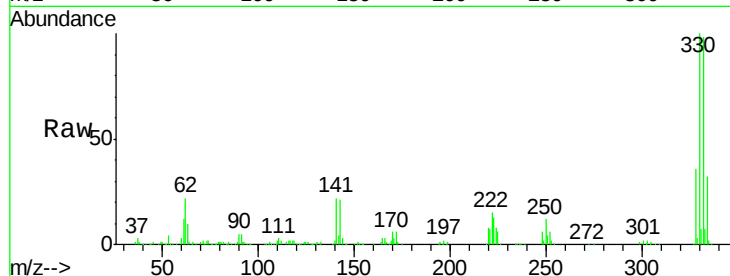




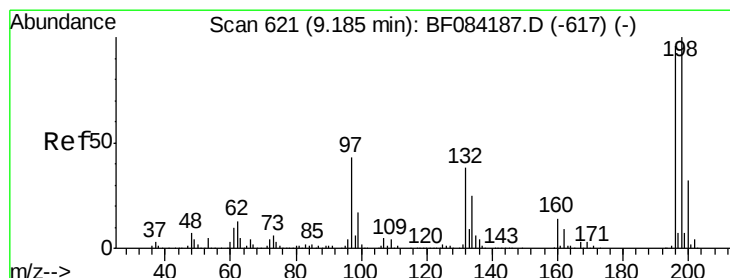
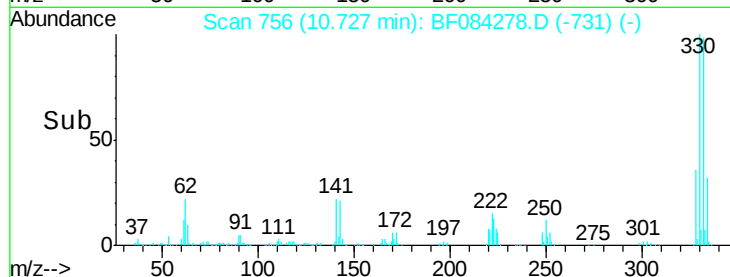
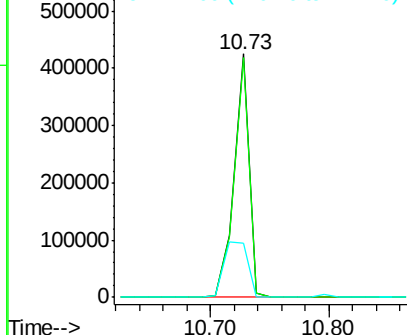
#41
 2,4,6-Tribromophenol
 Concen: 74.55 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 375278
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.6 114.8
 141 36.0 27.8 41.6

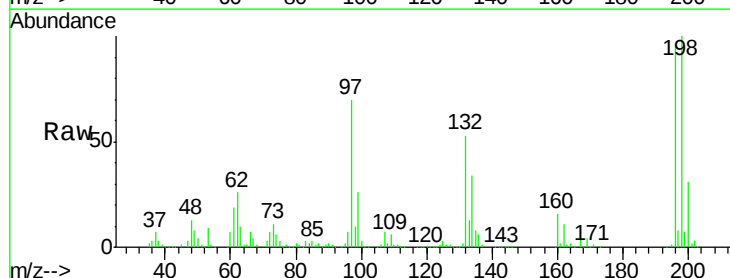


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

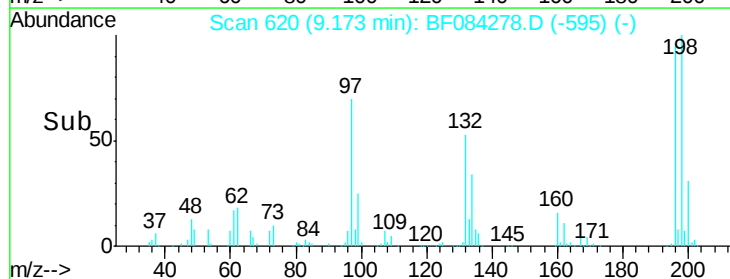
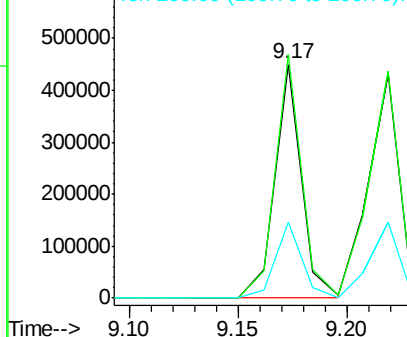


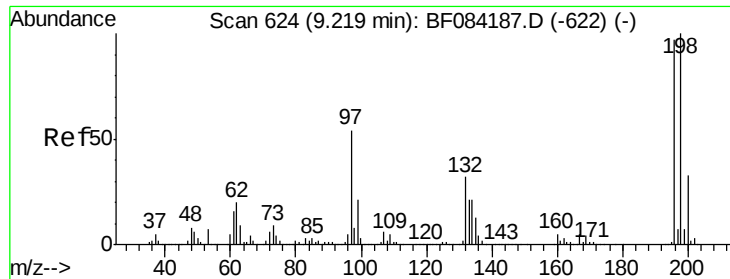
#42
 2,4,6-Trichlorophenol
 Concen: 35.94 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion:196 Resp: 385379
 Ion Ratio Lower Upper
 196 100
 198 104.1 77.7 116.5
 200 32.4 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

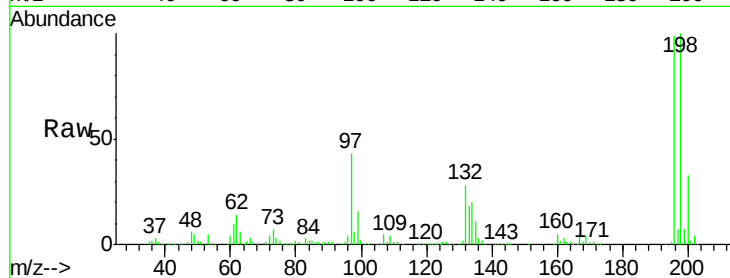




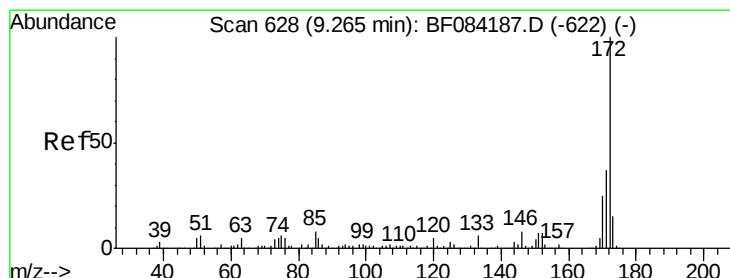
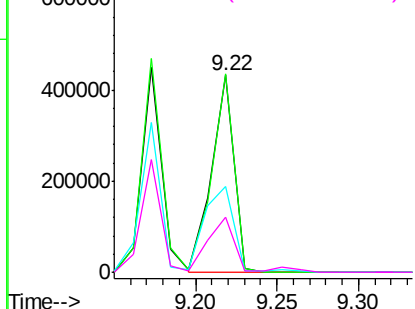
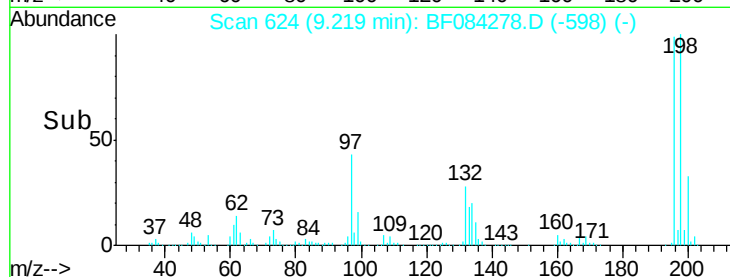
#43
 2,4,5-Trichlorophenol
 Concen: 40.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 415317
 Ion Ratio Lower Upper
 196 100
 198 100.9 79.0 118.6
 97 43.5 33.0 49.6
 132 27.8 21.1 31.7

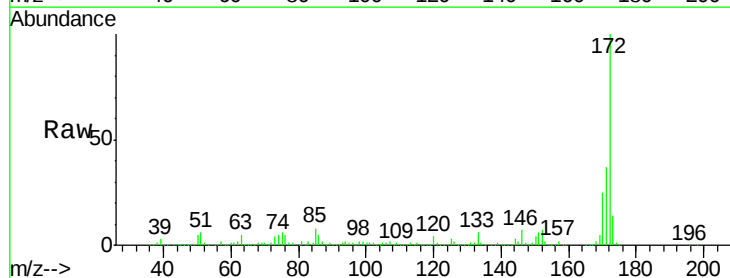


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

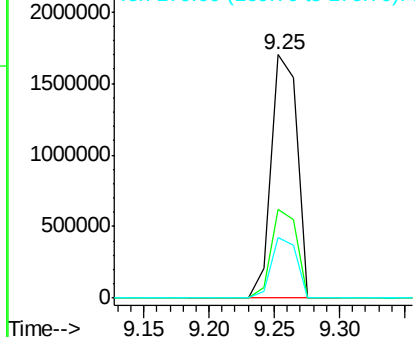
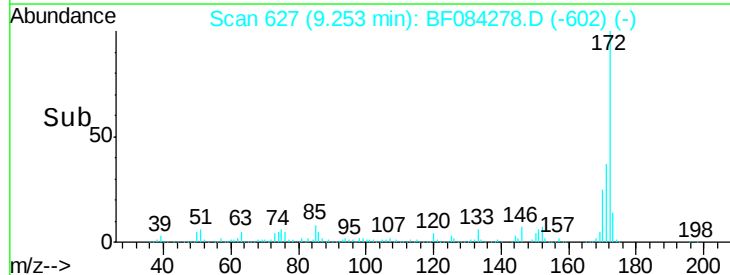


#44
 2-Fluorobiphenyl
 Concen: 83.61 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion:172 Resp: 2372775
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 25.1 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: 37.56 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

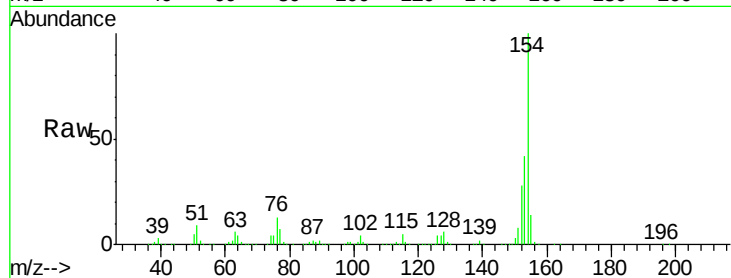
Tot Ion:154 Resp: 1488598

Ion Ratio Lower Upper

154 100

153 41.8 21.6 61.6

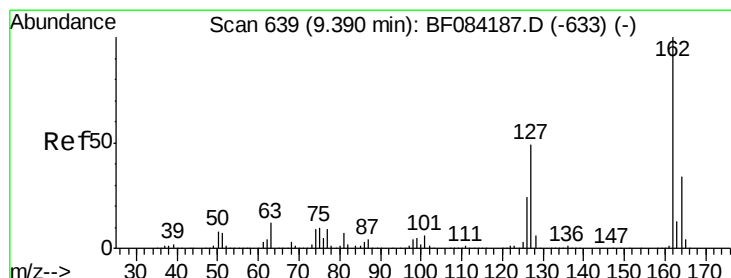
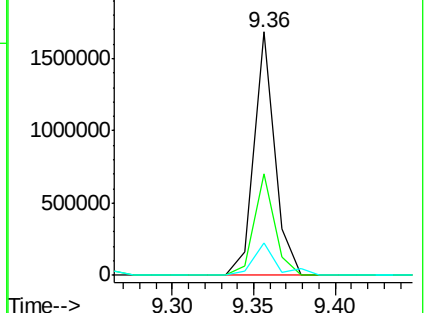
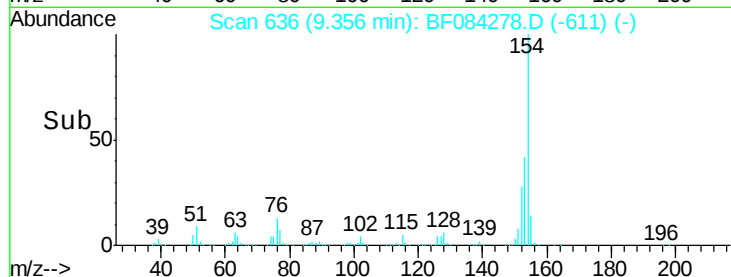
76 13.2 0.0 32.7



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: 35.50 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

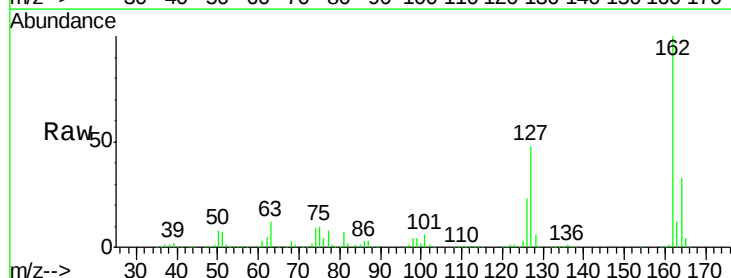
Tgt Ion:162 Resp: 1104909

Ion Ratio Lower Upper

162 100

127 48.4 40.2 60.4

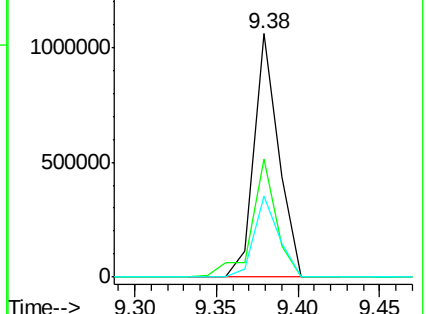
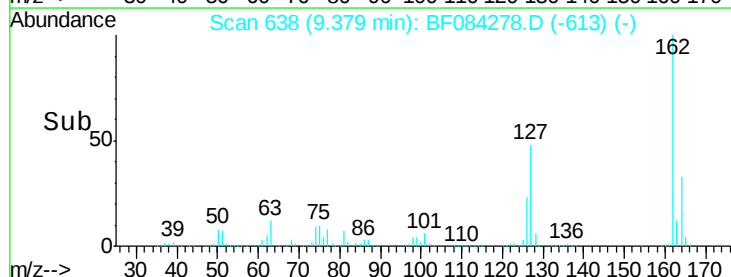
164 33.3 25.7 38.5

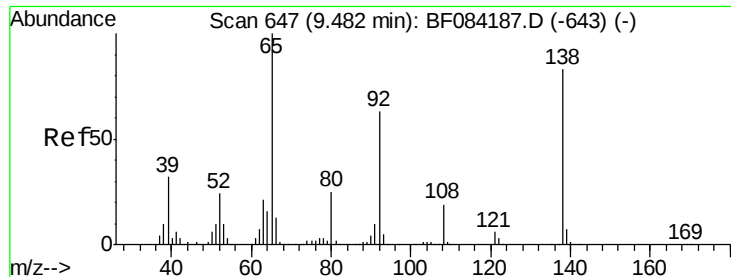


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

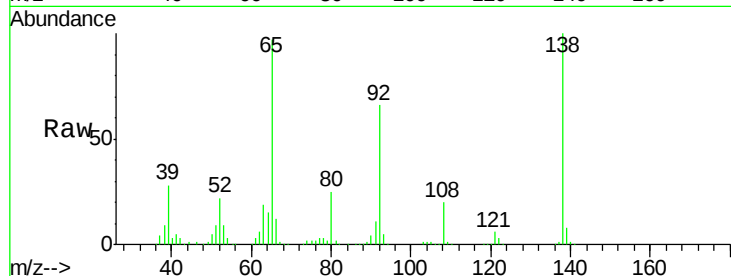




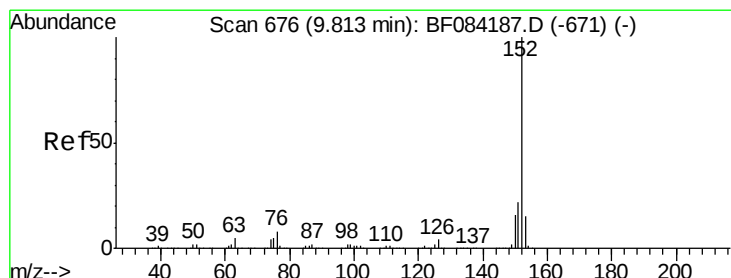
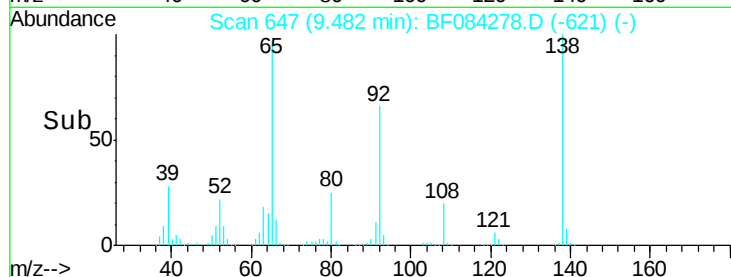
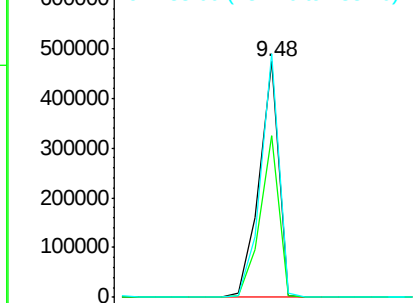
#47
2-Nitroaniline
Concen: 43.07 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 442472
Ion Ratio Lower Upper
65 100
92 68.6 53.4 80.2
138 103.5 71.1 106.7

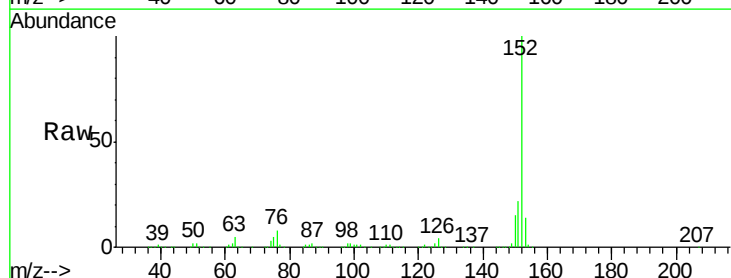


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

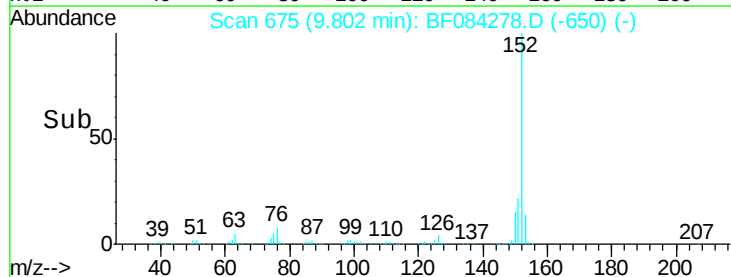
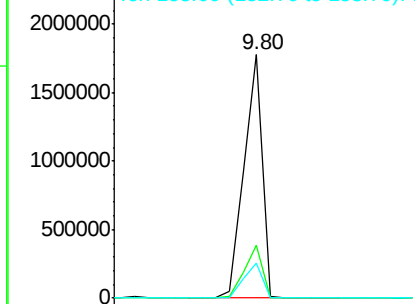


#48
Acenaphthylene
Concen: 41.32 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion: 152 Resp: 1900122
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.4 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

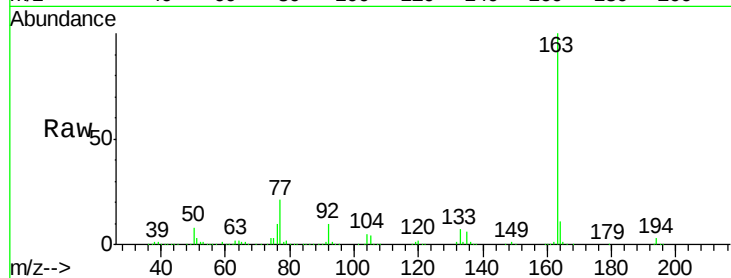




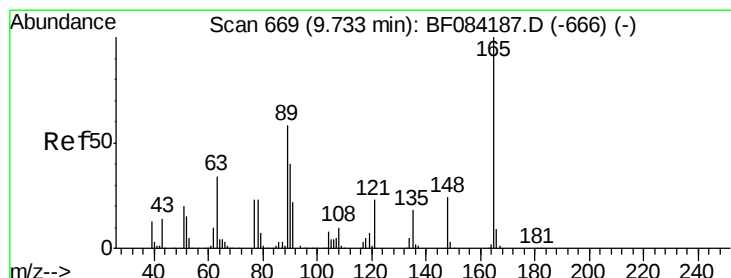
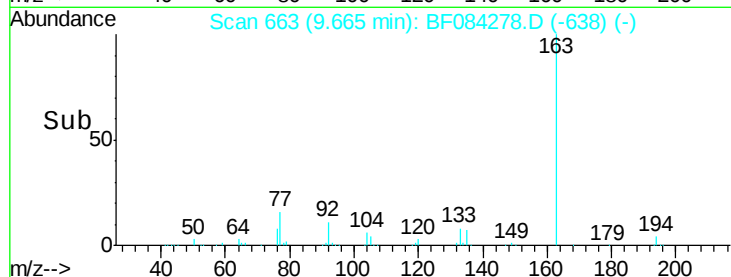
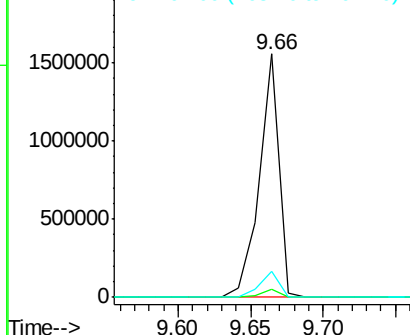
#49
Dimethylphthalate
Concen: 40.76 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1452918
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.7 8.0 12.0

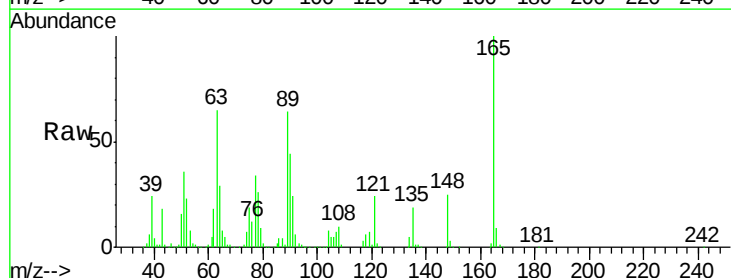


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

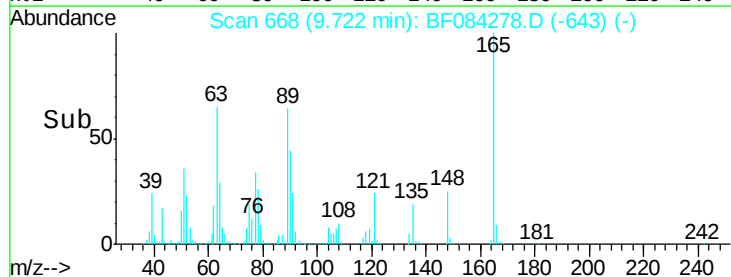
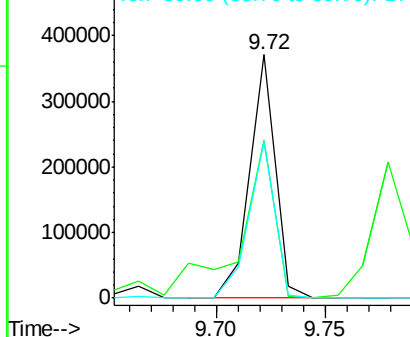


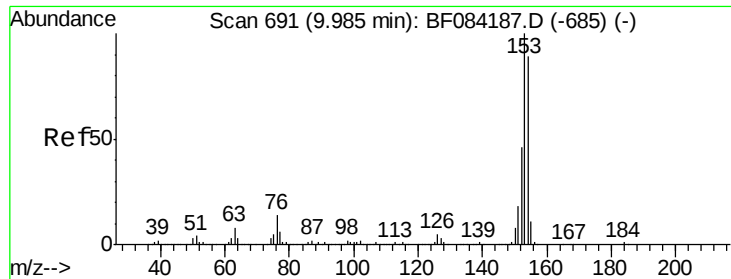
#50
2,6-Dinitrotoluene
Concen: 38.95 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:165 Resp: 304544
Ion Ratio Lower Upper
165 100
63 65.1 28.8 43.2#
89 64.1 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: 40.73 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

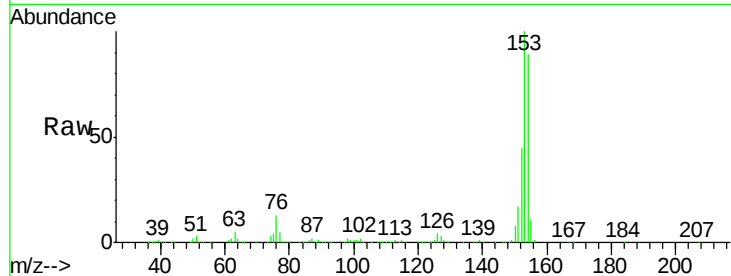
Tot Ion:154 Resp: 1256333

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

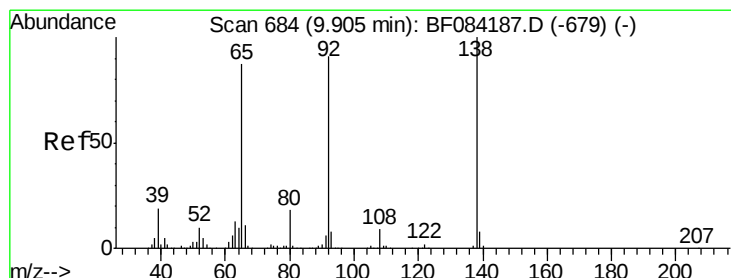
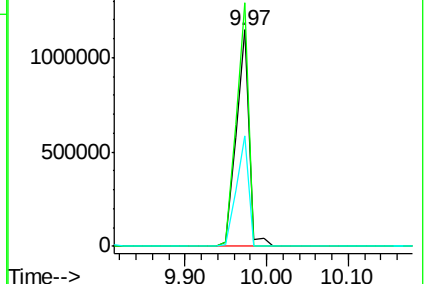
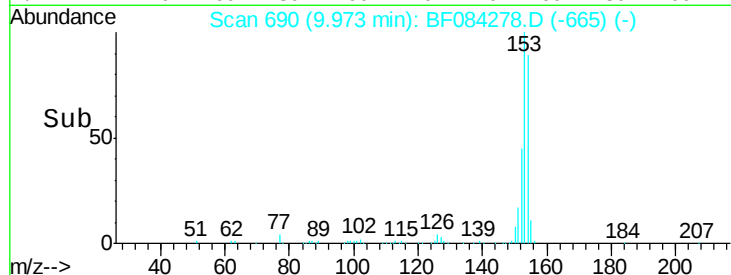
152 51.0 43.0 64.6



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: 36.49 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

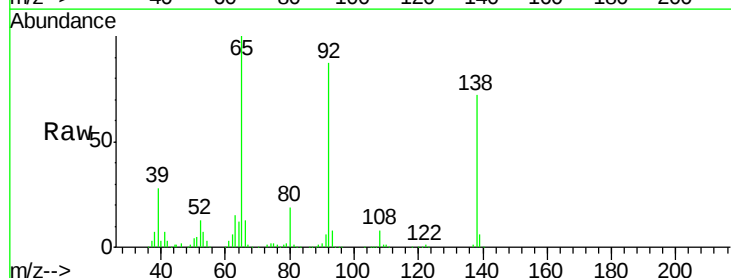
Tgt Ion:138 Resp: 353448

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

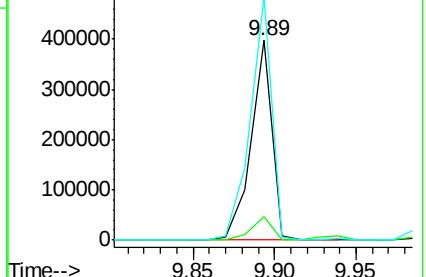
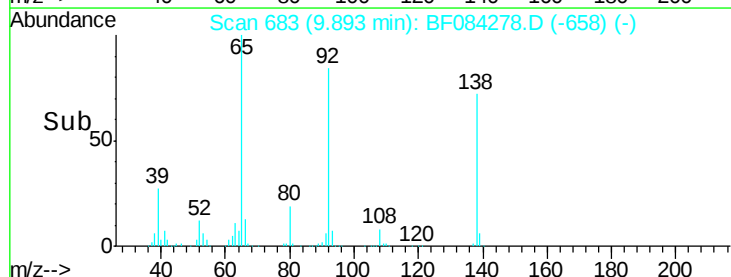
92 121.8 103.9 155.9



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

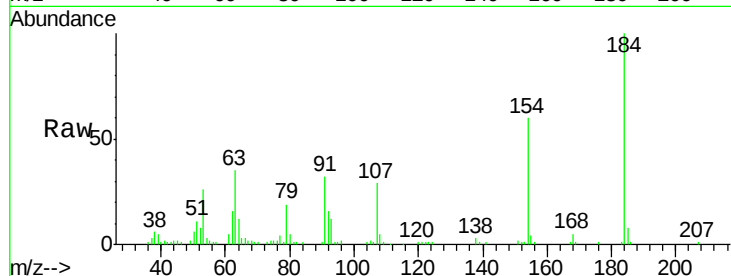




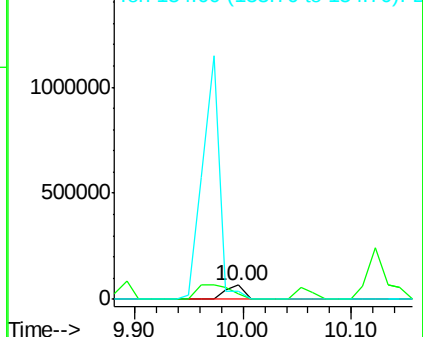
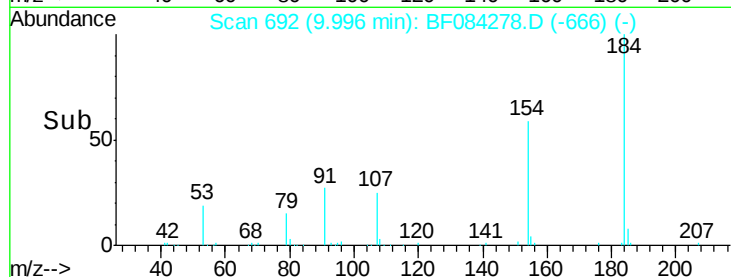
#53
2,4-Dinitrophenol
Concen: 26.29 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 79215
Ion Ratio Lower Upper
184 100
63 35.1 43.1 64.7#
154 59.6 60.5 90.7#

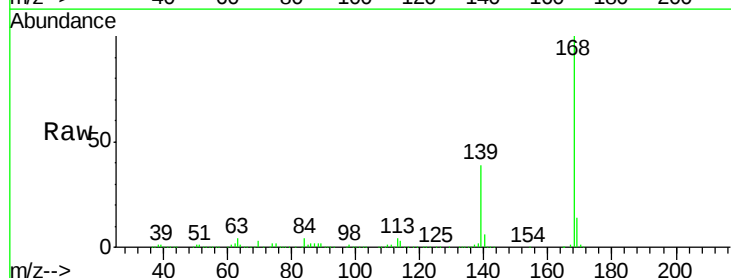


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

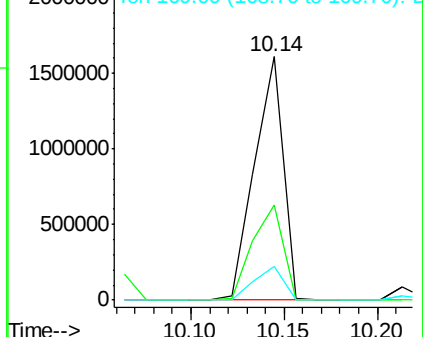
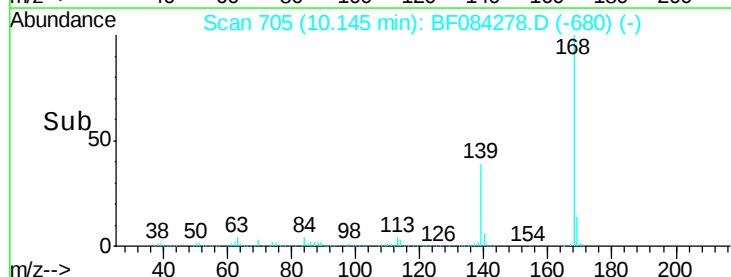


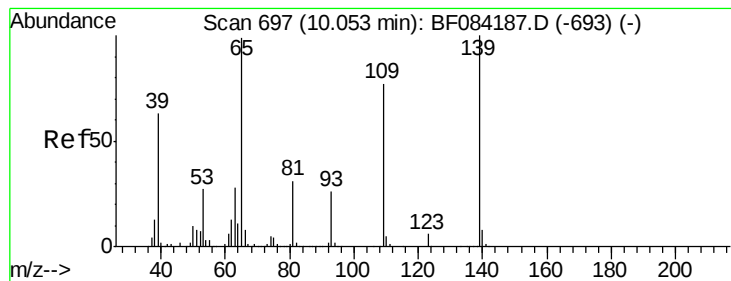
#54
Dibenzofuran
Concen: 42.45 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:168 Resp: 1702585
Ion Ratio Lower Upper
168 100
139 38.9 30.5 45.7
169 13.8 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: 31.74 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

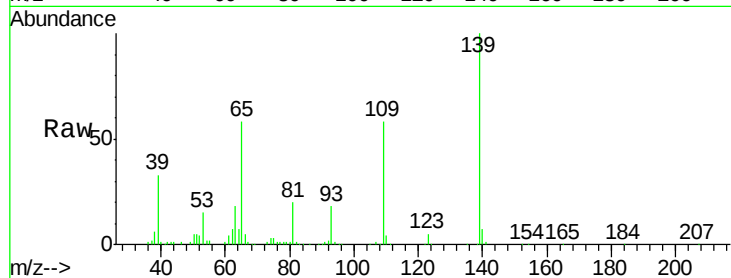
Tot Ion:139 Resp: 223164

Ion Ratio Lower Upper

139 100

109 58.3 58.5 98.5#

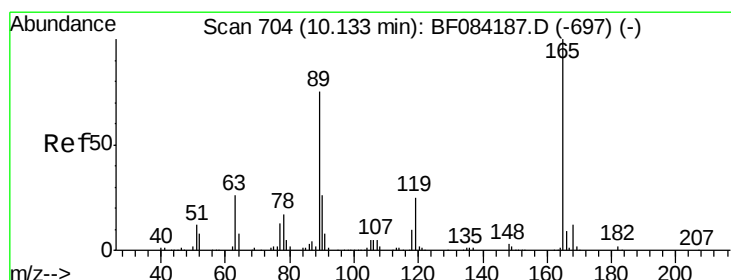
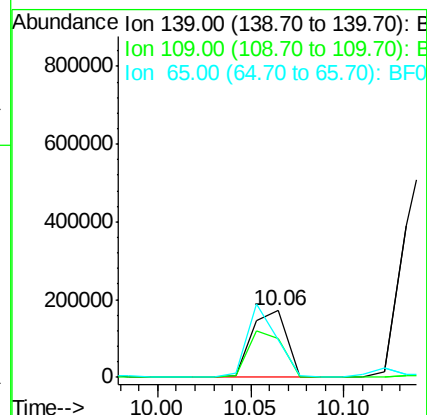
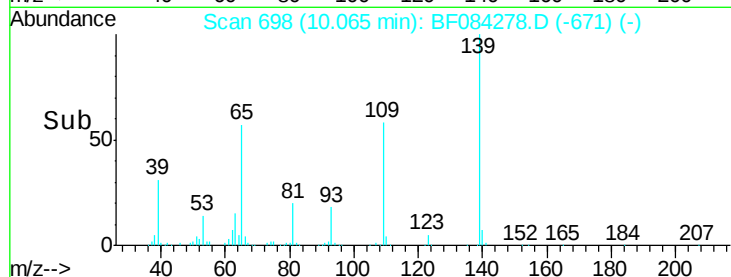
65 57.5 57.6 97.6#



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): E



#56

2,4-Dinitrotoluene

Concen: 39.06 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Tgt Ion:165 Resp: 386457

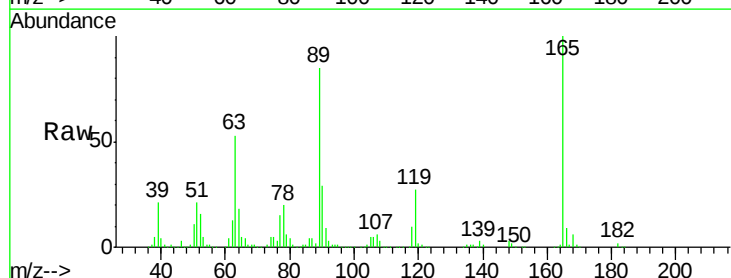
Ion Ratio Lower Upper

165 100

63 53.3 36.7 55.1

89 84.7 61.9 92.9

182 2.2 2.0 3.0

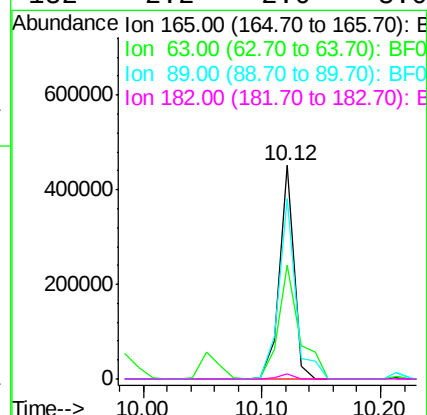
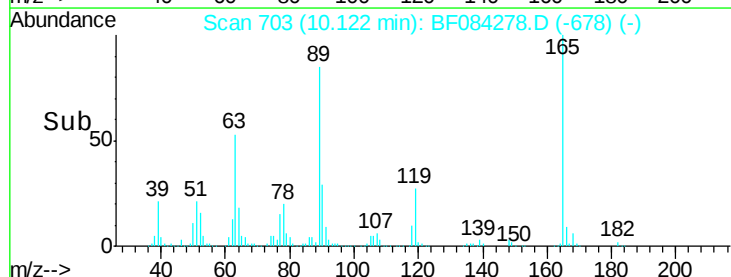


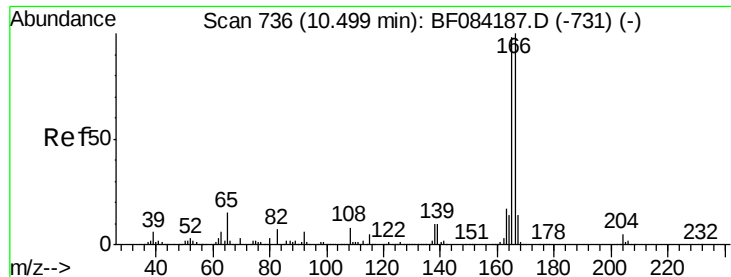
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.32 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampled :

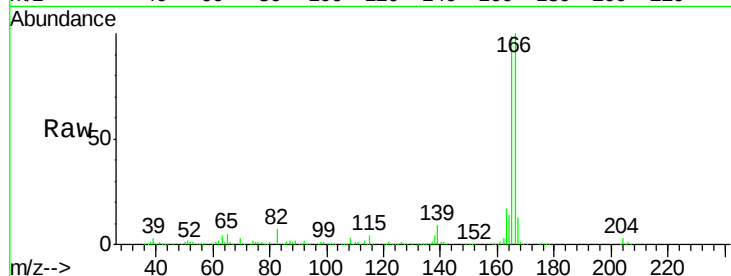
Tot Ion:166 Resp: 1253409

Ion Ratio Lower Upper

166 100

165 99.1 79.1 118.7

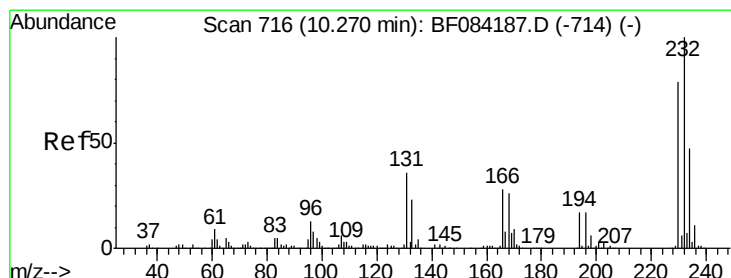
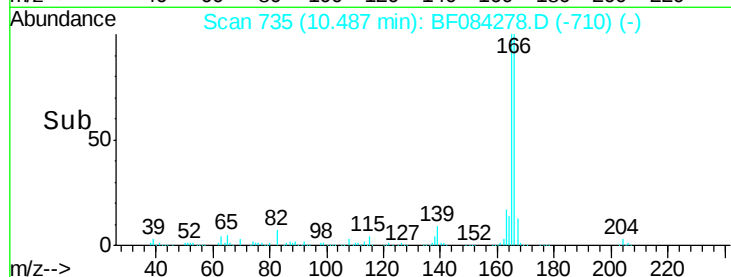
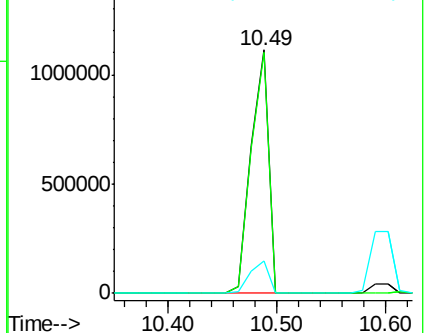
167 13.4 10.4 15.6



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: 35.53 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Tgt Ion:232 Resp: 311887

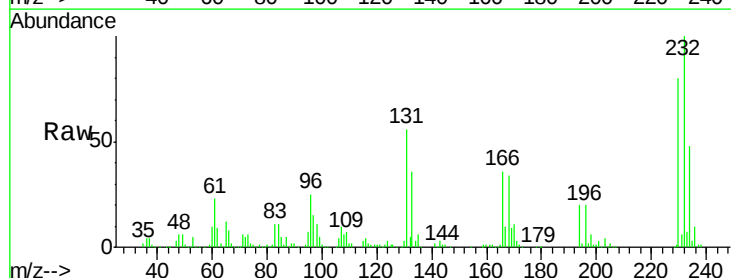
Ion Ratio Lower Upper

232 100

131 54.0 47.0 70.6

130 2.8 2.0 3.0

166 34.9 30.5 45.7

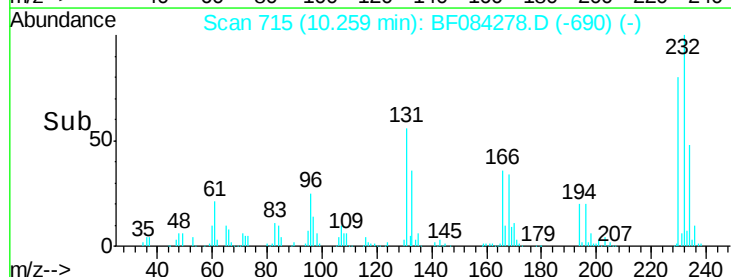
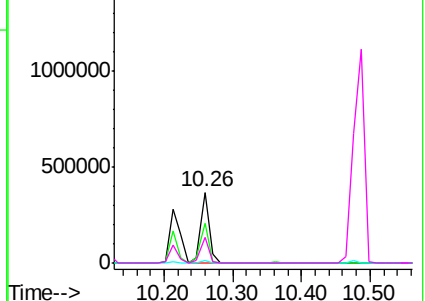


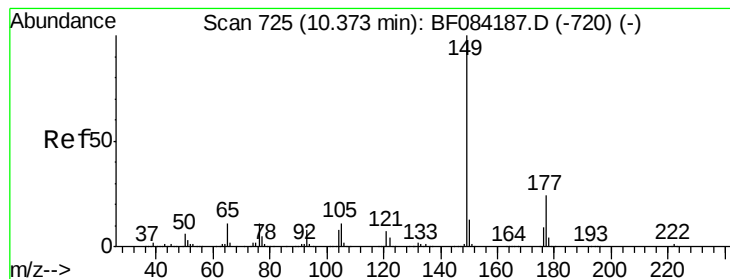
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.67 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

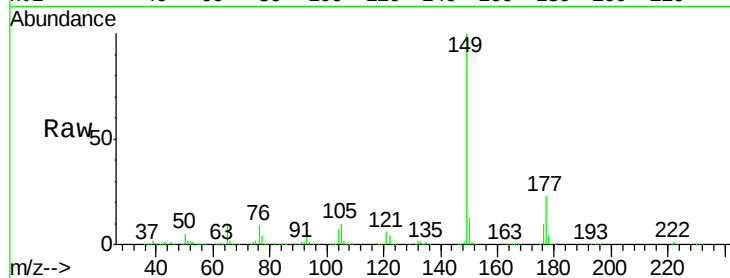
Tot Ion:149 Resp: 1429182

Ion Ratio Lower Upper

149 100

177 23.4 17.3 25.9

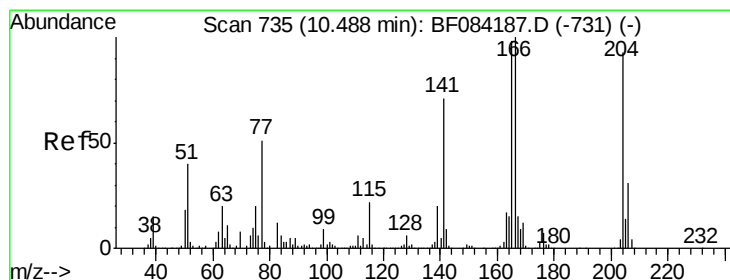
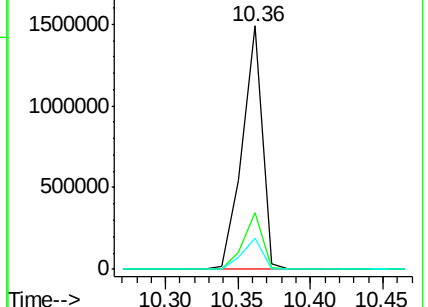
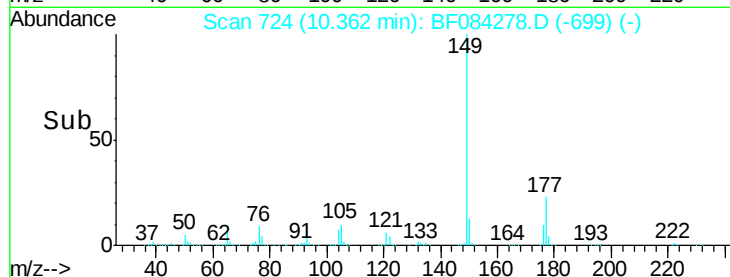
150 12.9 9.8 14.8



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: 44.76 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

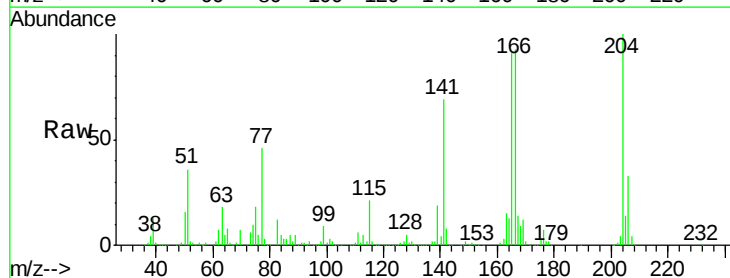
Tgt Ion:204 Resp: 584011

Ion Ratio Lower Upper

204 100

206 33.1 25.7 38.5

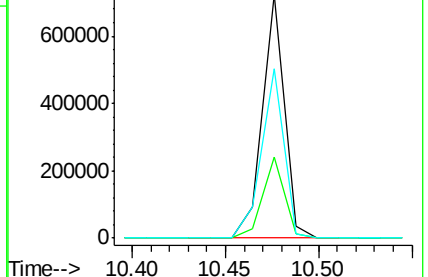
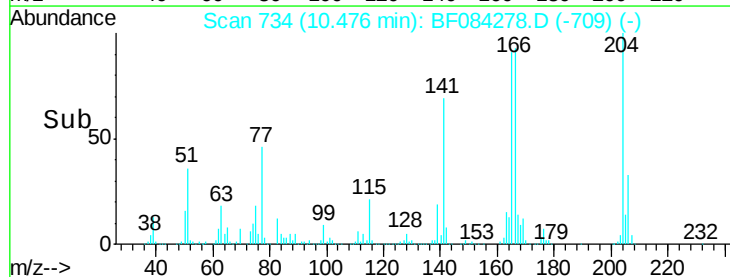
141 69.3 55.1 82.7

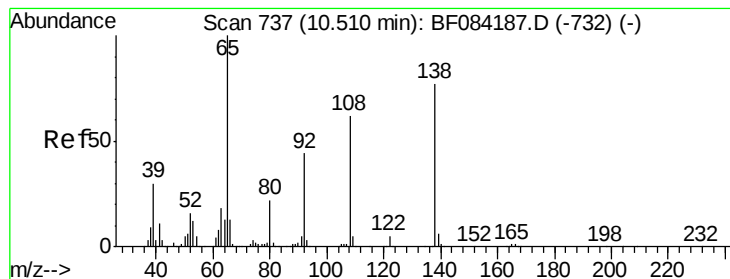


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.36 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

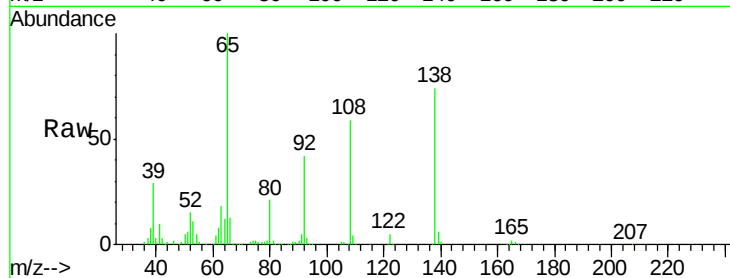
Tot Ion:138 Resp: 314000

Ion Ratio Lower Upper

138 100

92 55.8 32.6 72.6

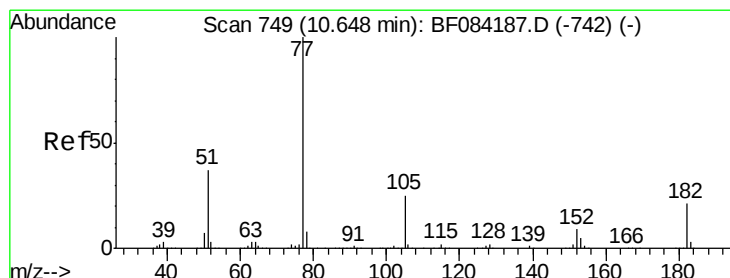
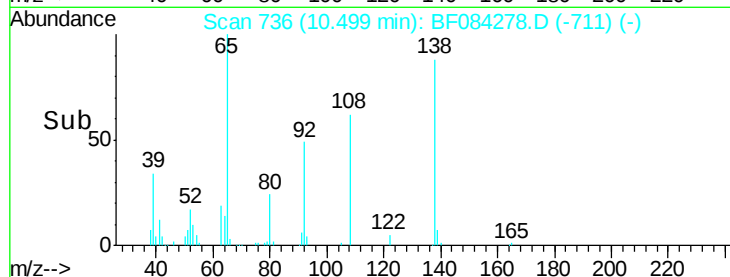
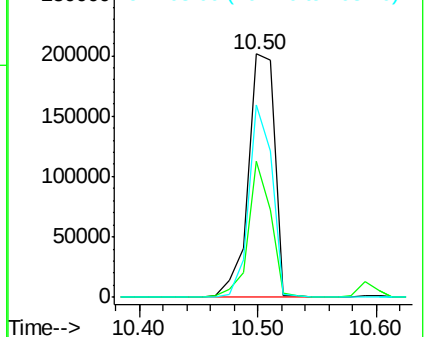
108 79.1 68.6 108.6



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: 39.18 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Tgt Ion: 77 Resp: 1510412

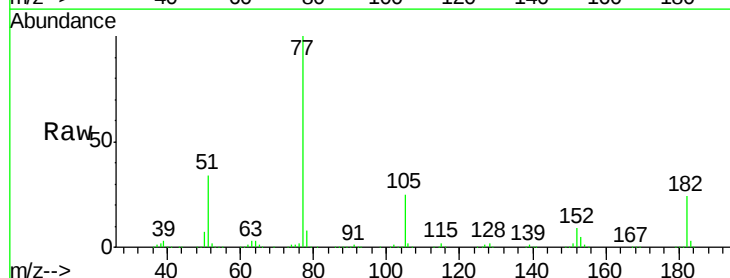
Ion Ratio Lower Upper

77 100

182 23.8 8.3 48.3

105 24.6 4.6 44.6

51 34.1 6.2 46.2

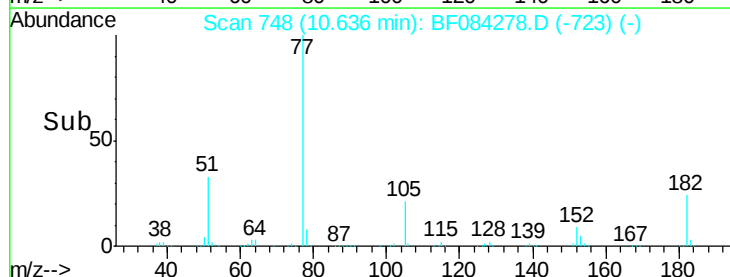
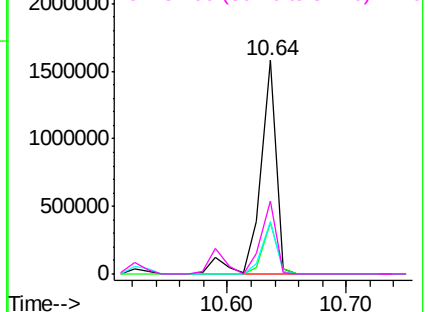


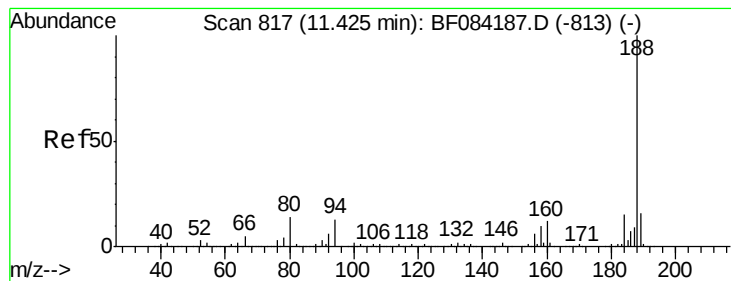
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.41 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampled :

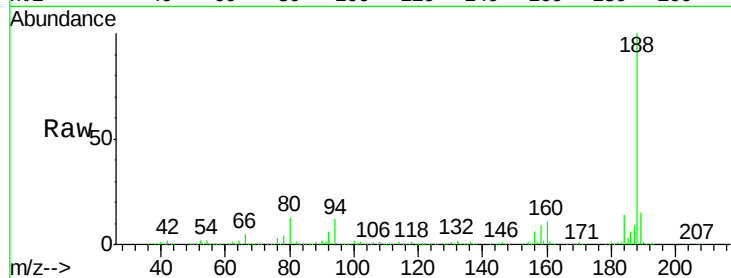
Tot Ion:188 Resp: 829867

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.4

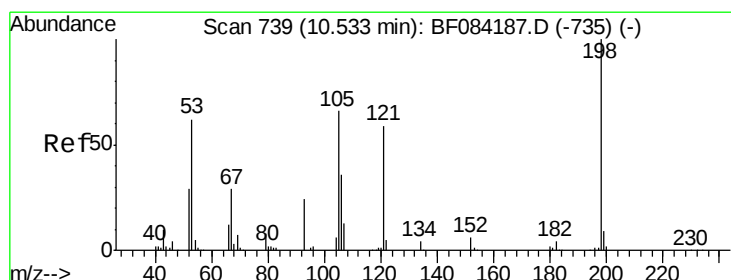
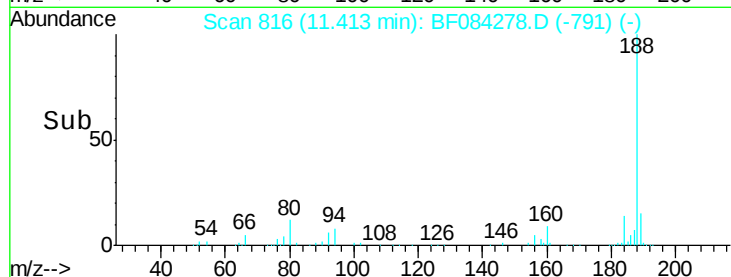
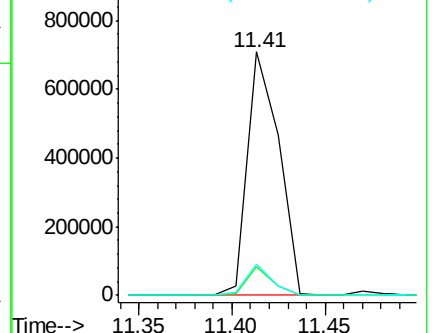
80 12.8 9.6 14.4



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: 29.01 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

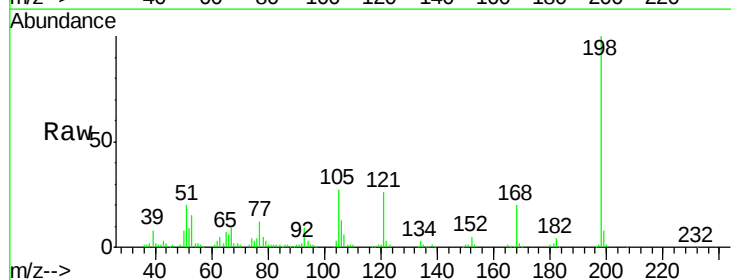
Tgt Ion:198 Resp: 143743

Ion Ratio Lower Upper

198 100

51 19.8 18.9 58.9

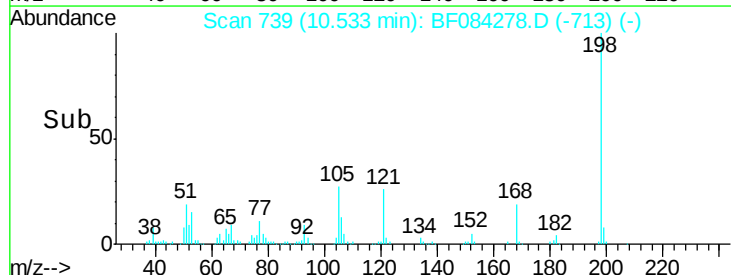
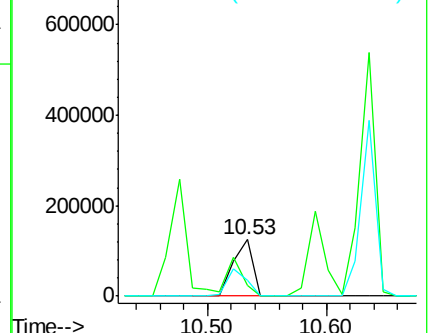
105 27.3 26.4 66.4

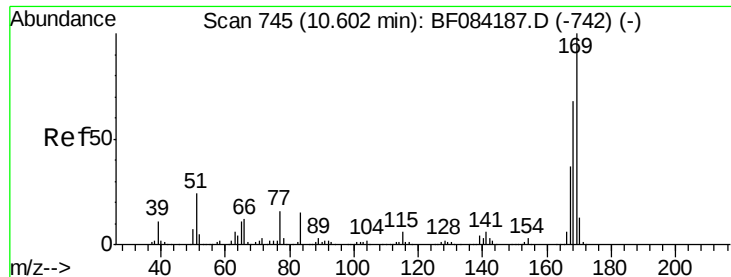


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.85 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

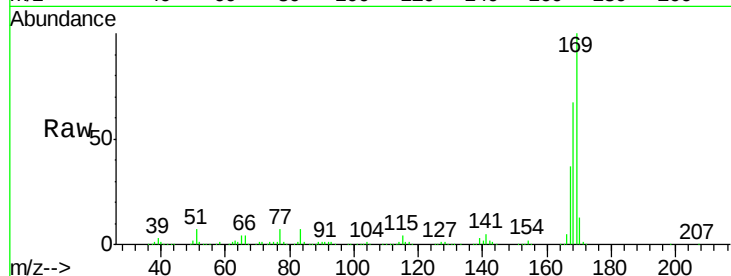
Tot Ion:169 Resp: 1083993

Ion Ratio Lower Upper

169 100

168 67.1 55.1 82.7

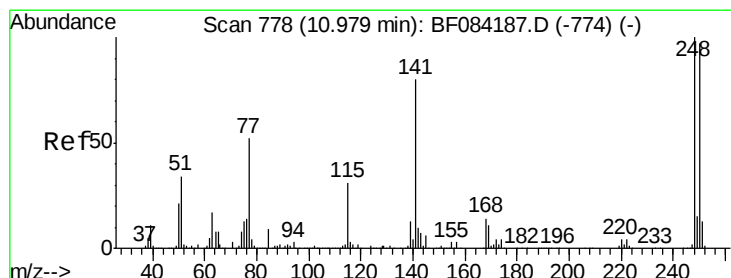
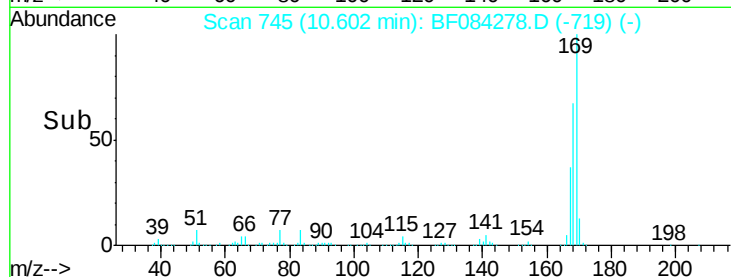
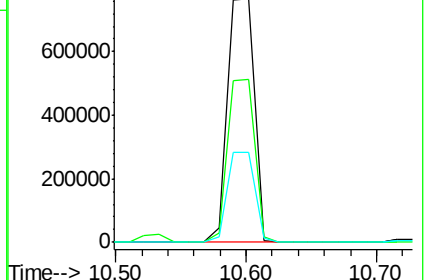
167 37.1 30.0 45.0



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: 44.80 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

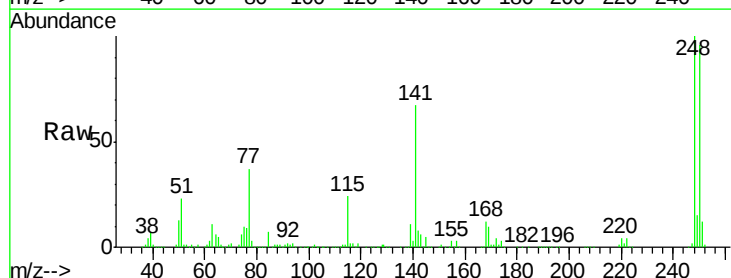
Tgt Ion:248 Resp: 400141

Ion Ratio Lower Upper

248 100

250 96.0 78.4 117.6

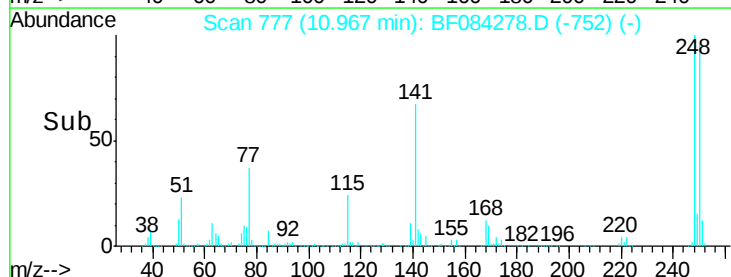
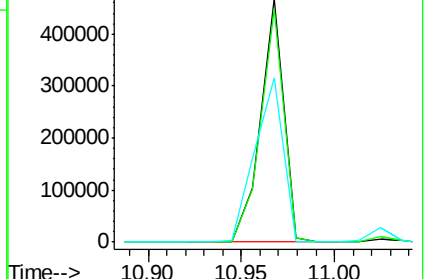
141 67.3 44.0 66.0#

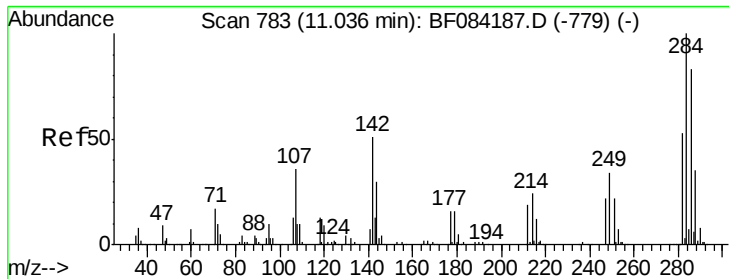


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

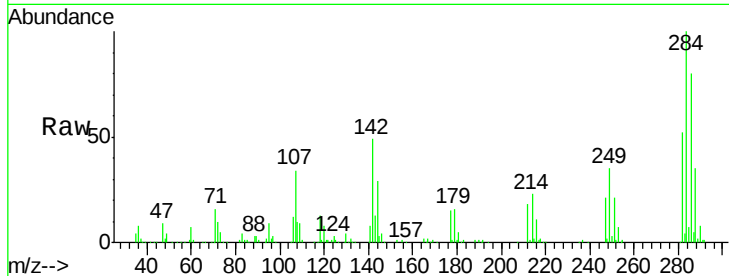




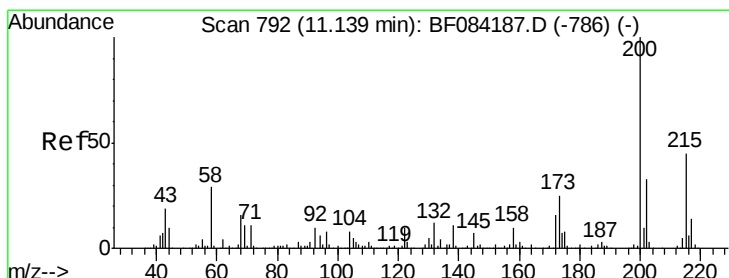
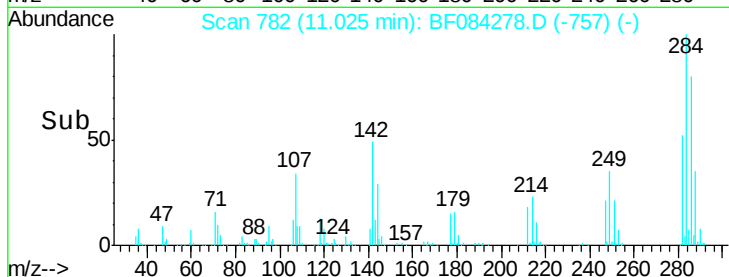
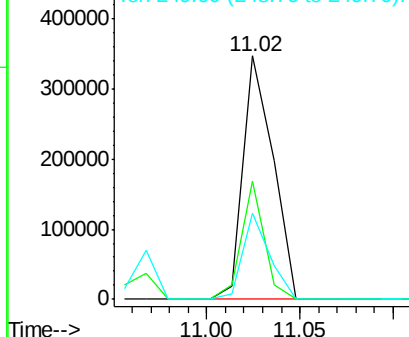
#67
Hexachlorobenzene
Concen: 38.47 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 386722
Ion Ratio Lower Upper
284 100
142 48.7 22.2 33.4#
249 35.2 24.6 37.0

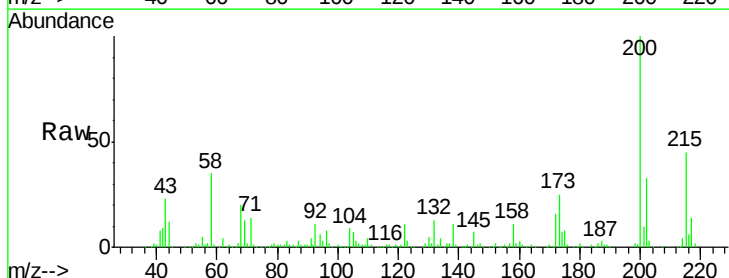


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

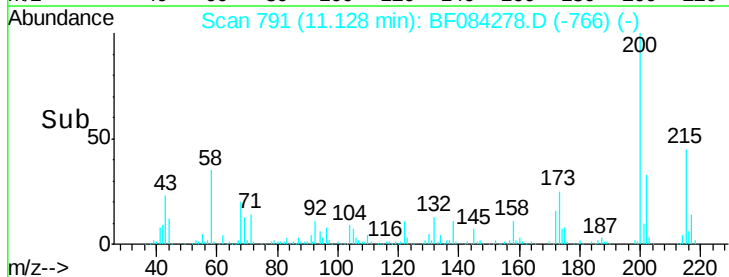
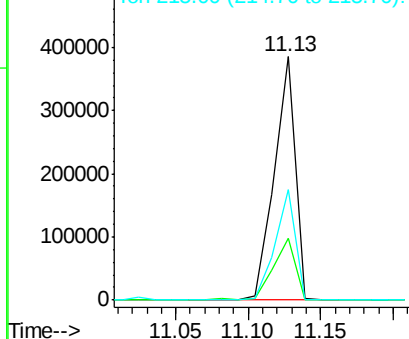


#68
Atrazine
Concen: 44.34 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:200 Resp: 385022
Ion Ratio Lower Upper
200 100
173 25.5 9.5 49.5
215 45.4 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

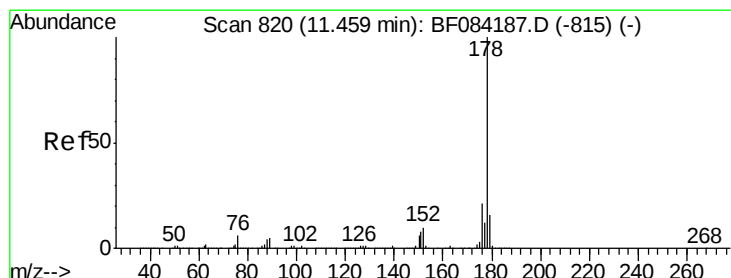
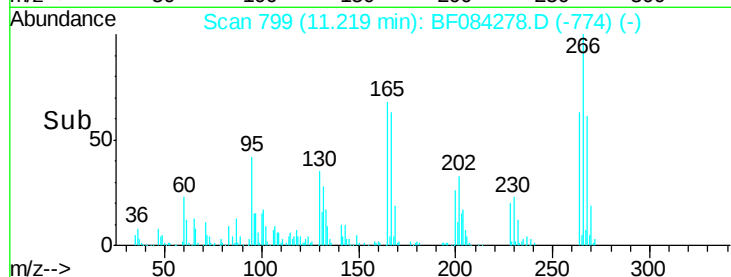
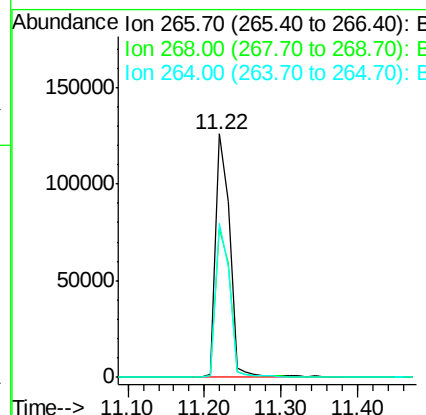
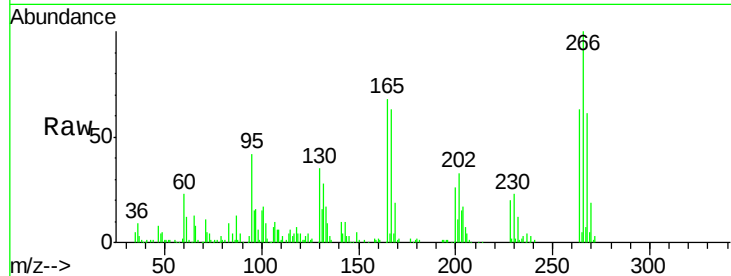




#69
 Pentachlorophenol
 Concen: 30.64 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

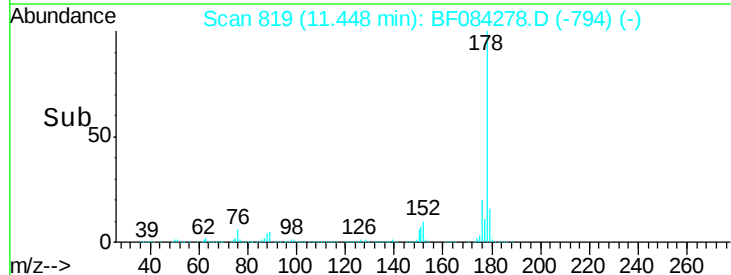
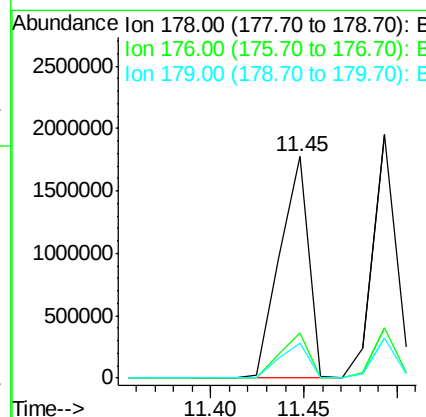
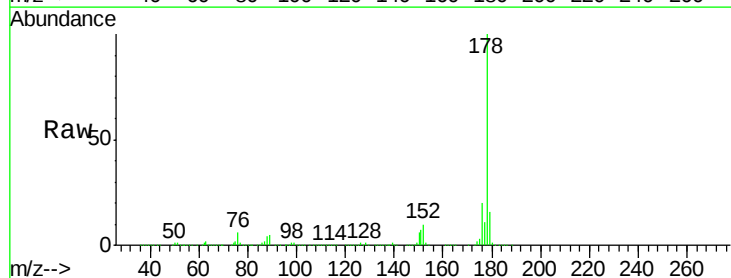
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 159730
 Ion Ratio Lower Upper
 266 100
 268 61.2 52.4 78.6
 264 63.4 50.2 75.2



#70
 Phenanthrene
 Concen: 43.50 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion:178 Resp: 1888069
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.3 22.9
 179 16.0 12.0 18.0

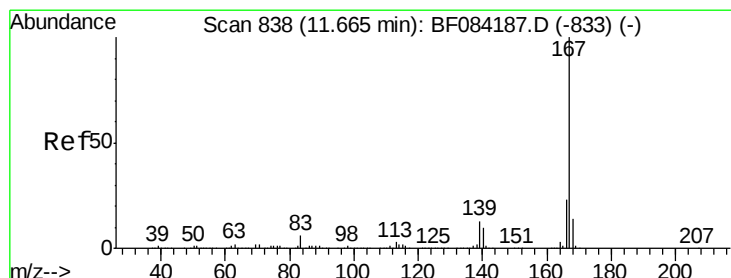
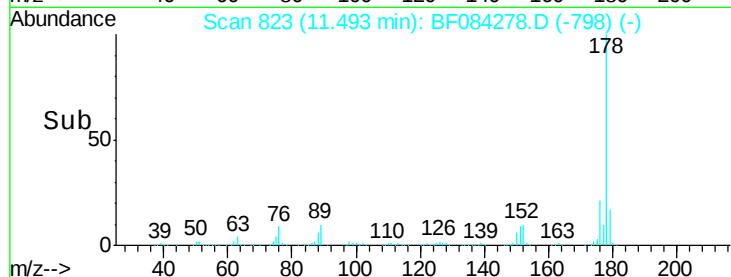
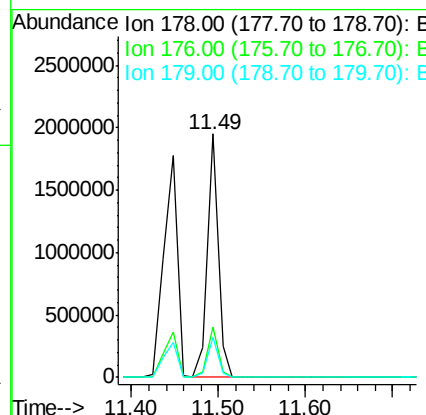
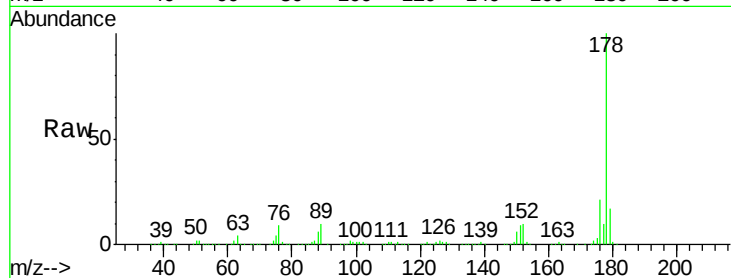




#71
 Anthracene
 Concen: 39.65 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

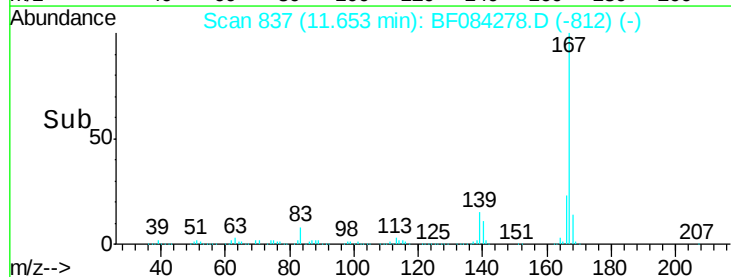
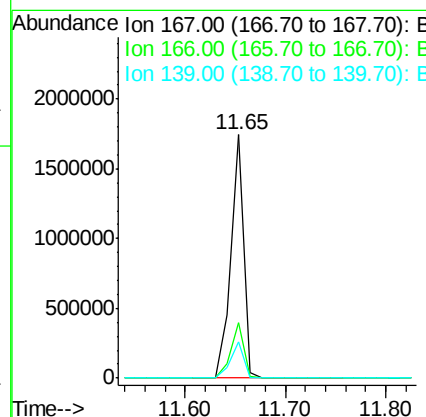
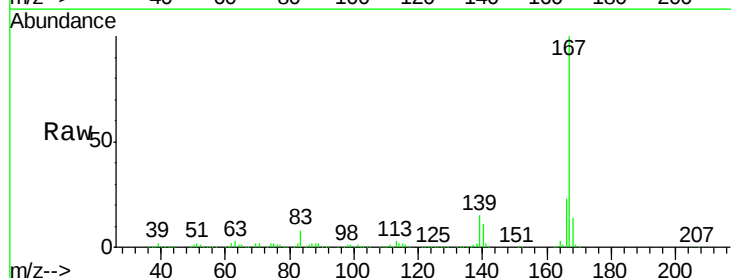
Instrument :
 BNA_F
 ClientSampled :

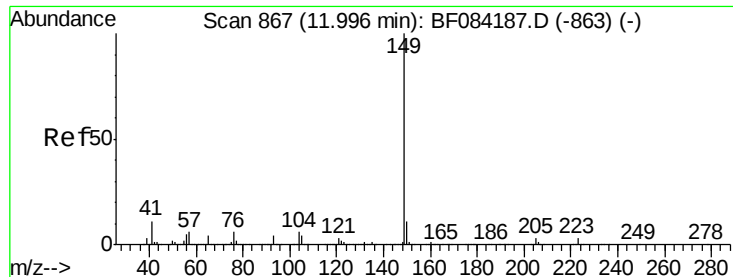
Tot Ion:178 Resp: 1687231
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.0
 179 16.7 12.5 18.7



#72
 Carbazole
 Concen: 37.20 ng
 RT: 11.65 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion:167 Resp: 1547454
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 44.62 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

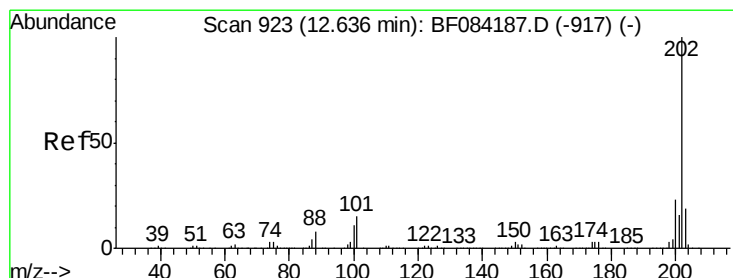
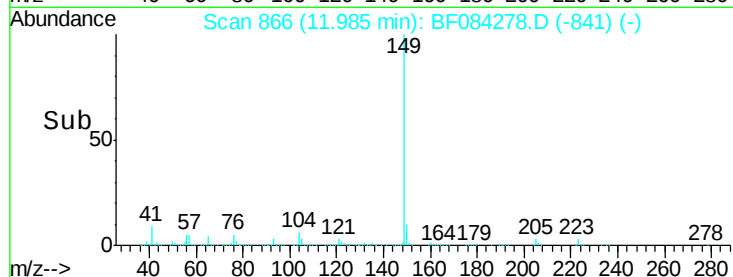
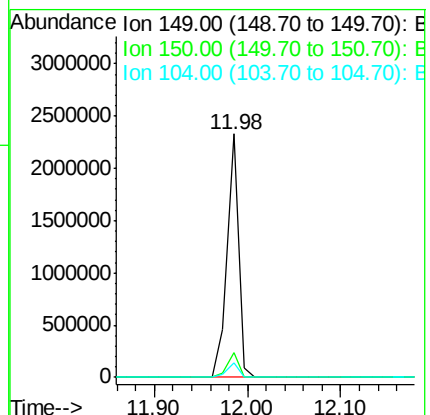
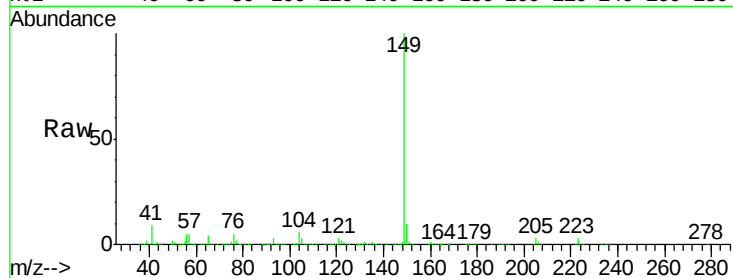
Tot Ion:149 Resp: 1977306

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

104 5.7 3.2 4.8#



#74

Fluoranthene

Concen: 33.41 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

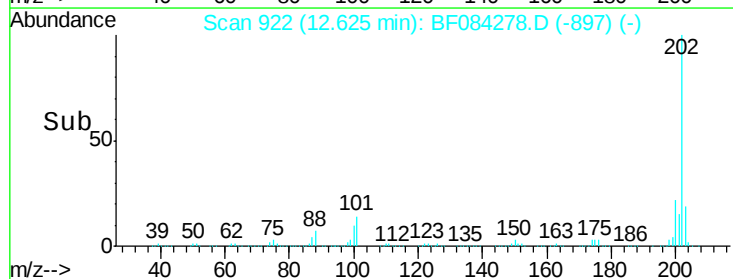
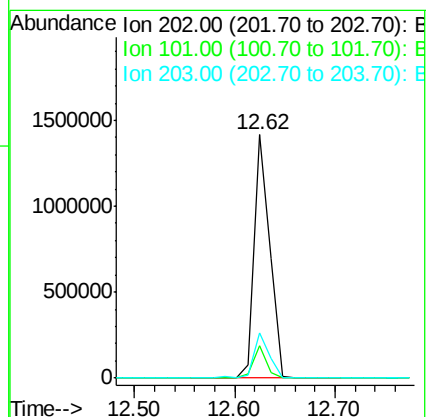
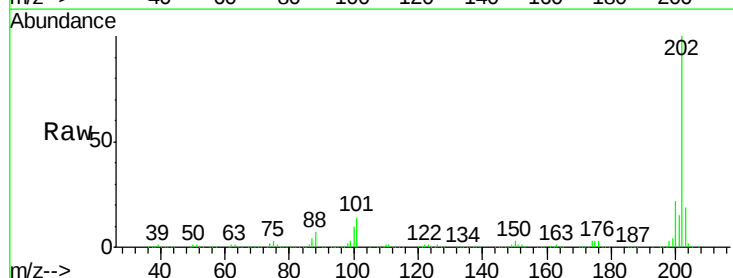
Tgt Ion:202 Resp: 1514895

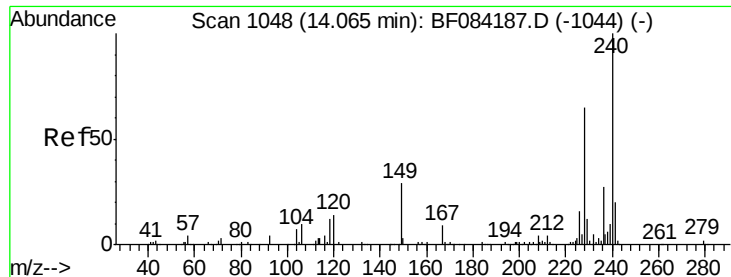
Ion Ratio Lower Upper

202 100

101 13.5 0.0 32.8

203 18.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

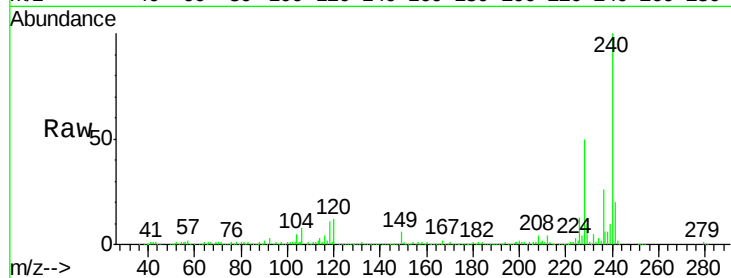
Tot Ion:240 Resp: 525961

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

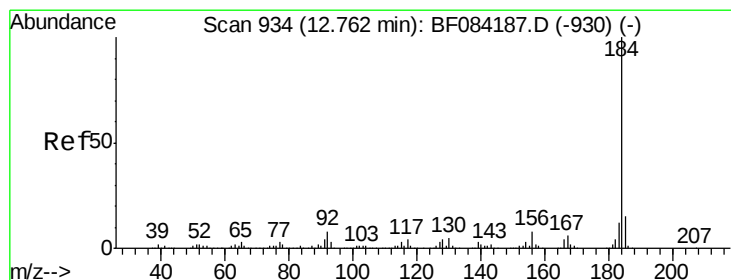
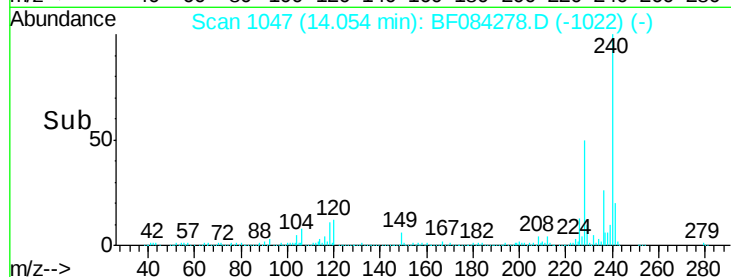
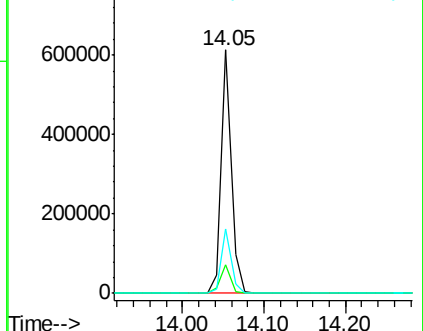
236 26.3 20.6 31.0



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: 32.32 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

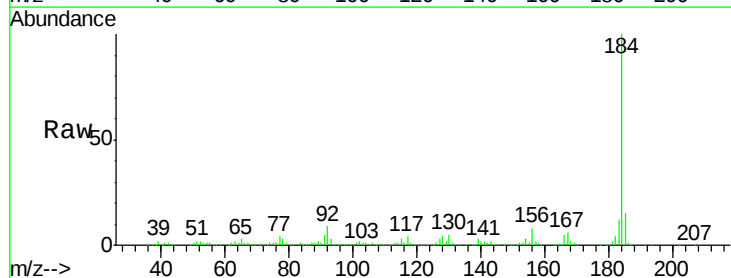
Tgt Ion:184 Resp: 609417

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

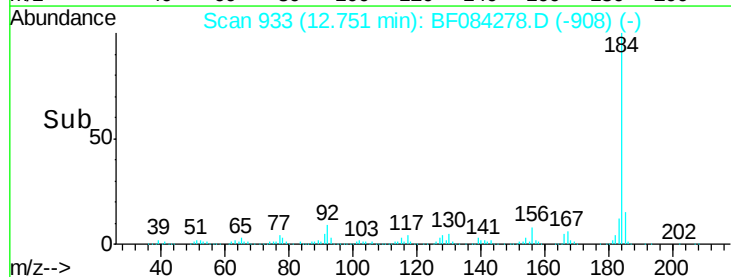
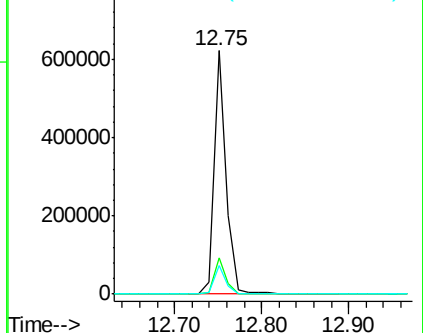
183 11.8 9.8 14.8

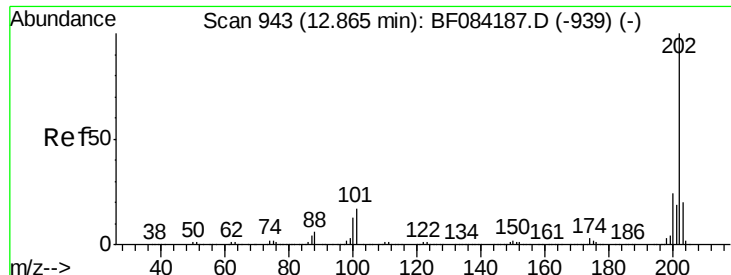


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

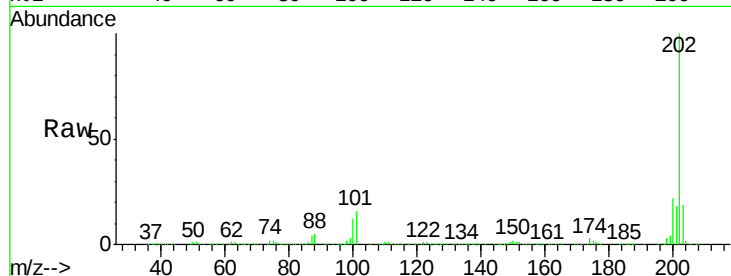




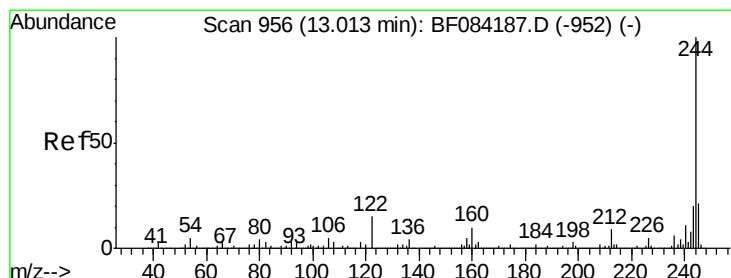
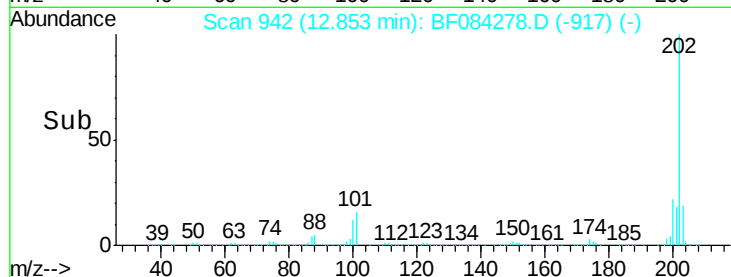
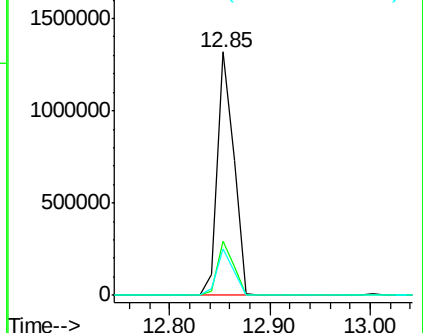
#77
Pvrene
Concen: 36.16 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1492603
Ion Ratio Lower Upper
202 100
200 22.1 17.2 25.8
203 18.8 14.3 21.5

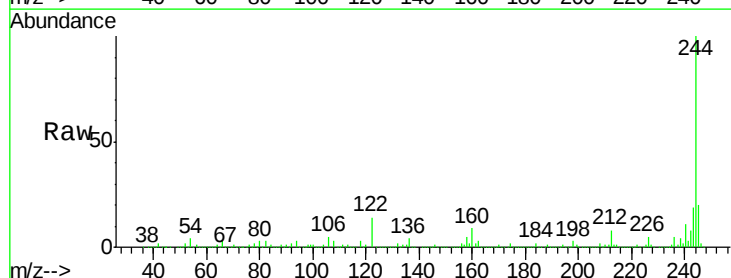


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

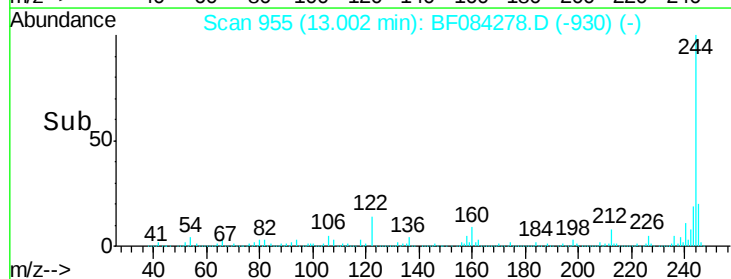
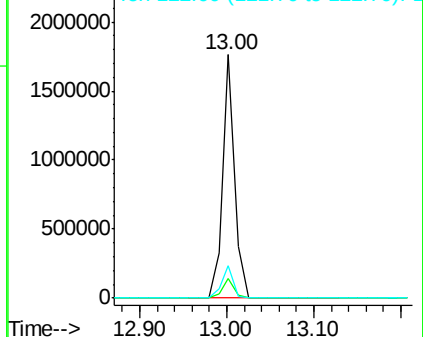


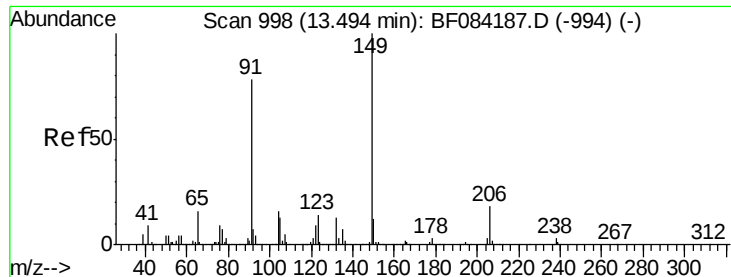
#78
Terphenyl-d14
Concen: 72.18 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:244 Resp: 1700691
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 13.6 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

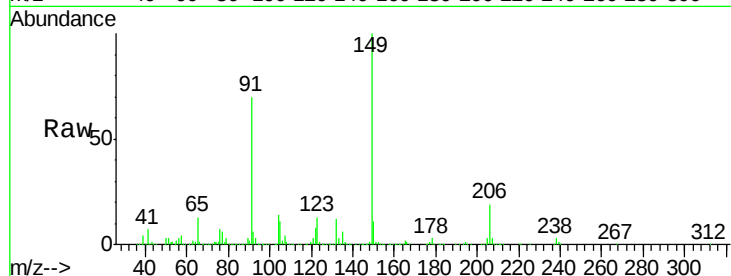




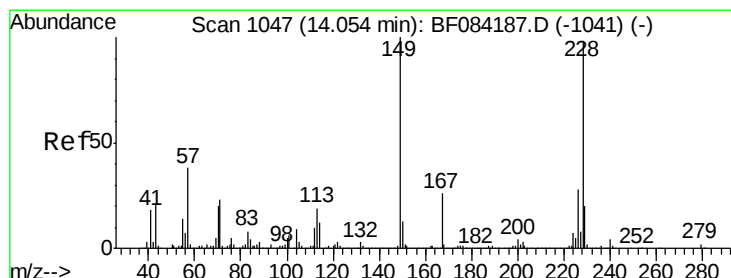
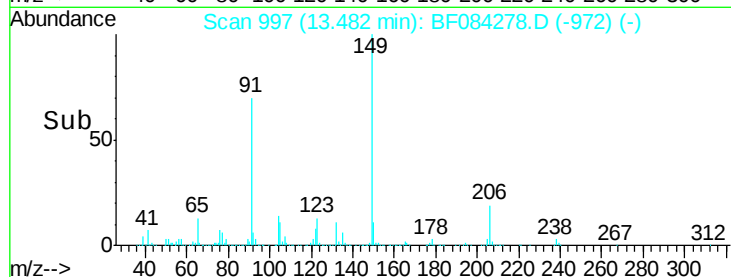
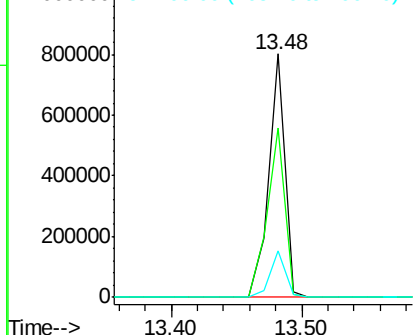
#79
Butylbenzylphthalate
Concen: 39.04 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleID :

Tot Ion:149 Resp: 697346
Ion Ratio Lower Upper
149 100
91 69.8 57.6 86.4
206 19.3 13.2 19.8

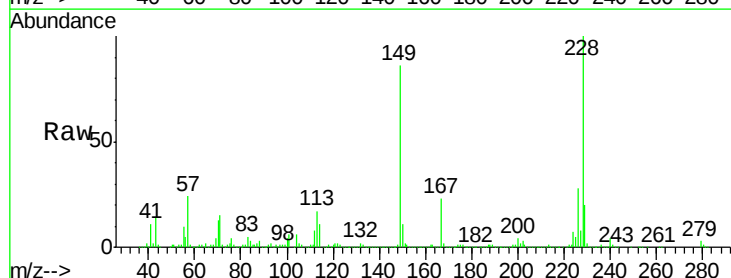


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

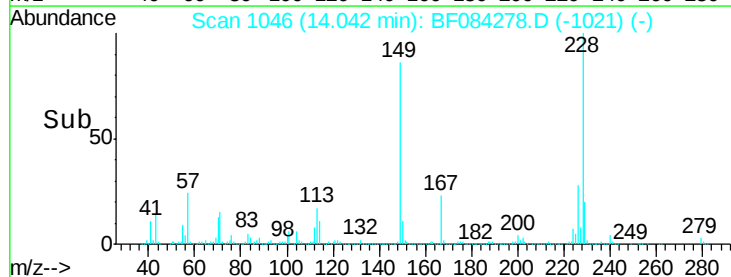
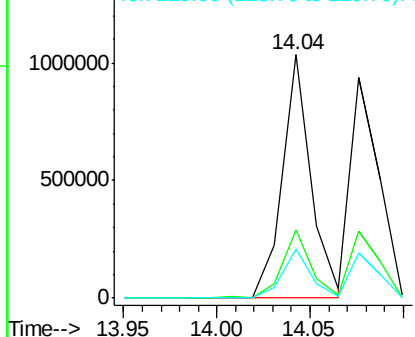


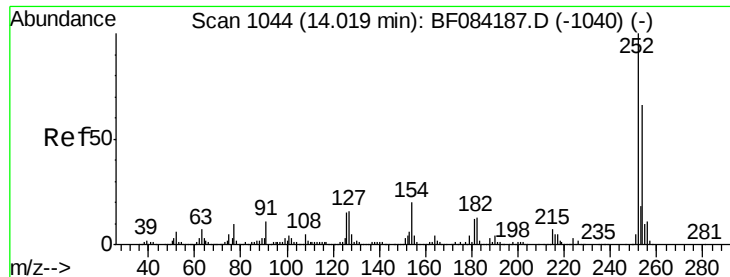
#80
Benzo(a)anthracene
Concen: 35.81 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:228 Resp: 1105816
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 20.3 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

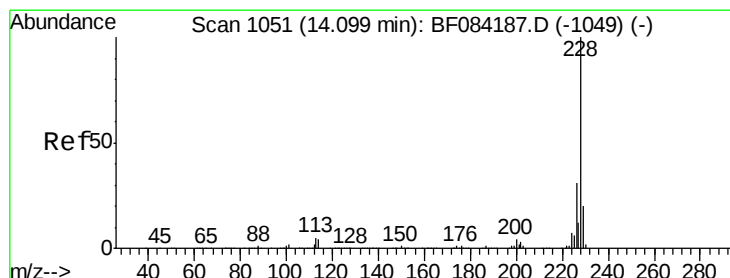
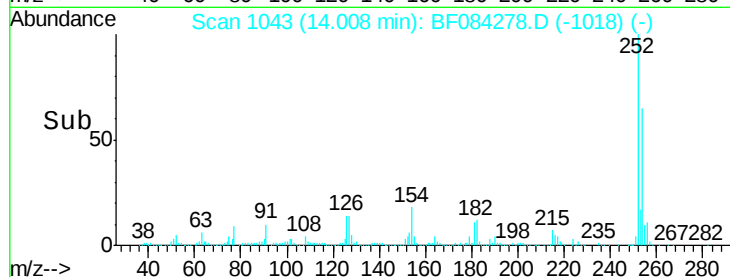
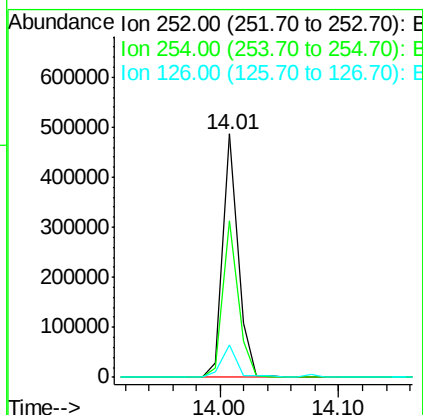
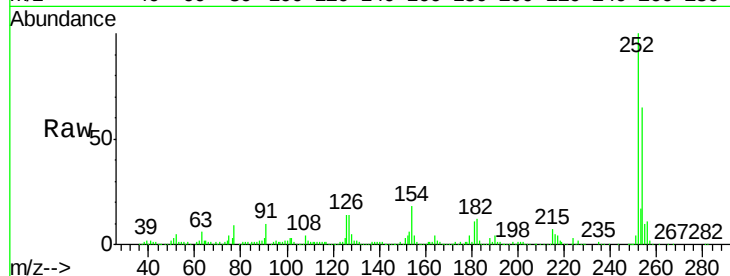




#81
 3,3'-Dichlorobenzidine
 Concen: 40.45 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

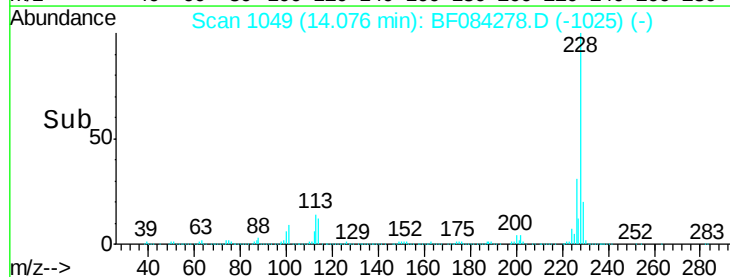
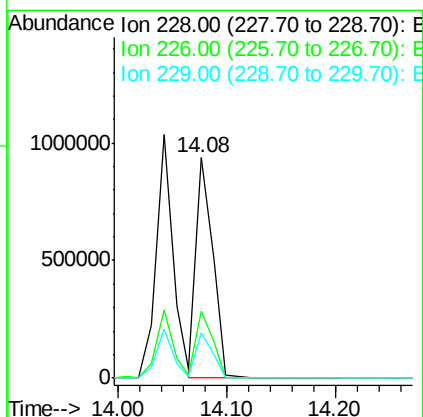
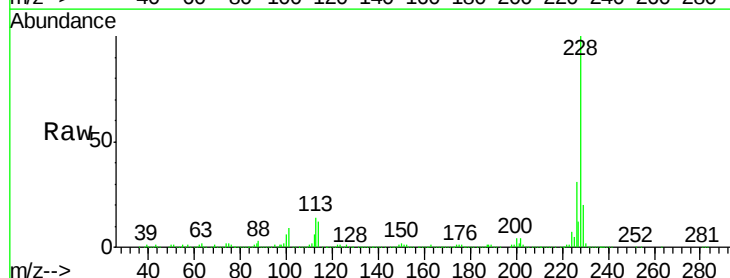
Instrument :
 BNA_F
 ClientSampleId :

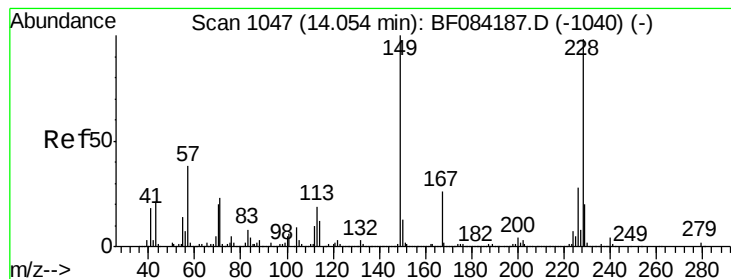
Tot Ion:252 Resp: 435974
 Ion Ratio Lower Upper
 252 100
 254 64.5 53.5 80.3
 126 13.5 4.9 7.3#



#82
 Chrysene
 Concen: 33.89 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion:228 Resp: 1005659
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.3 36.5
 229 20.5 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.08 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

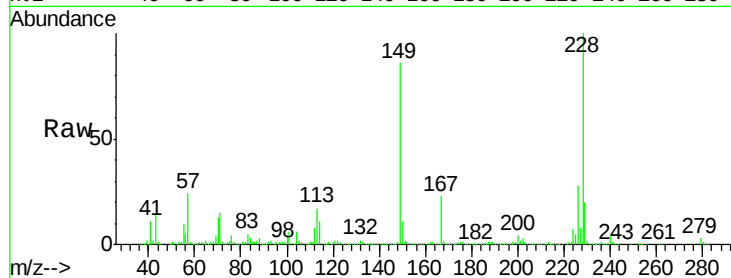
Tot Ion:149 Resp: 814011

Ion Ratio Lower Upper

149 100

167 26.6 19.7 29.5

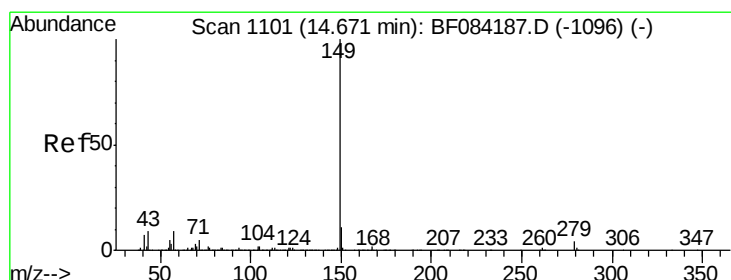
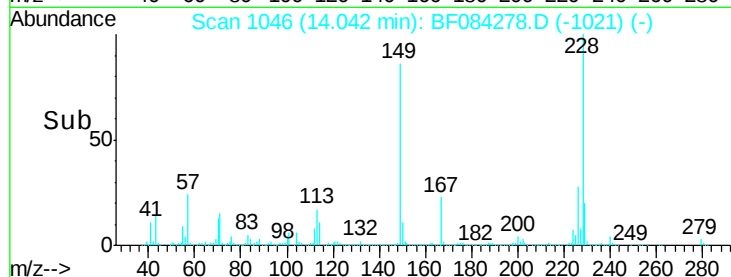
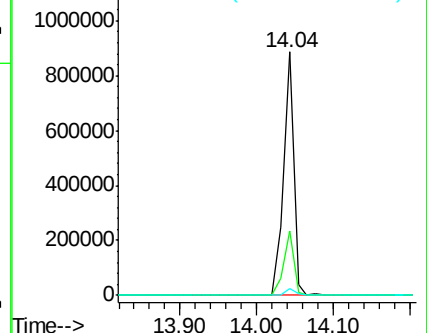
279 3.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.12 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

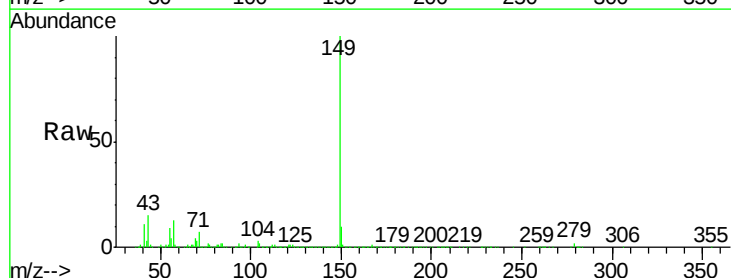
Tgt Ion:149 Resp: 1337827

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

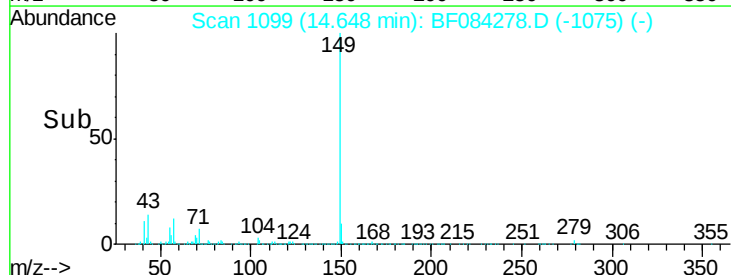
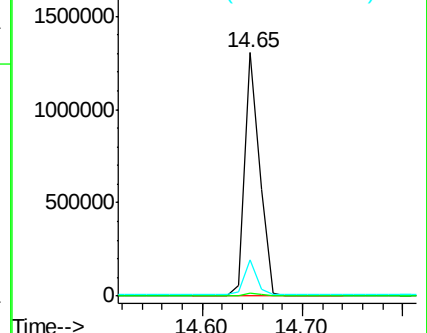
43 12.4 5.6 8.4#

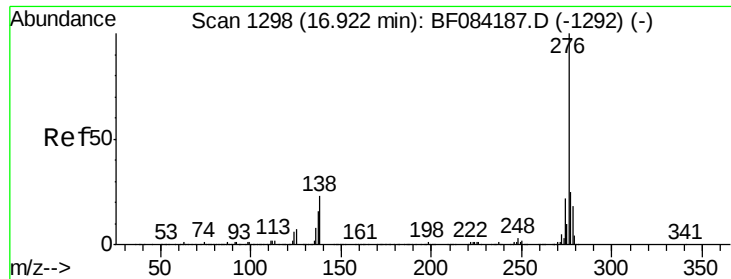


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

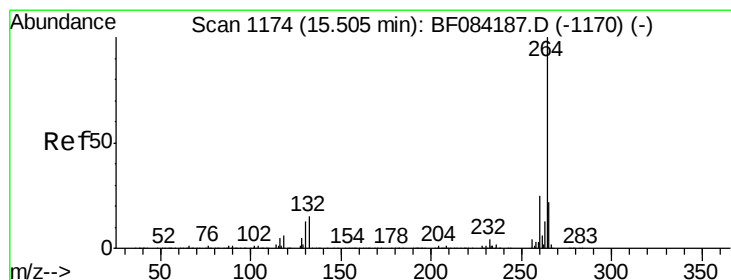
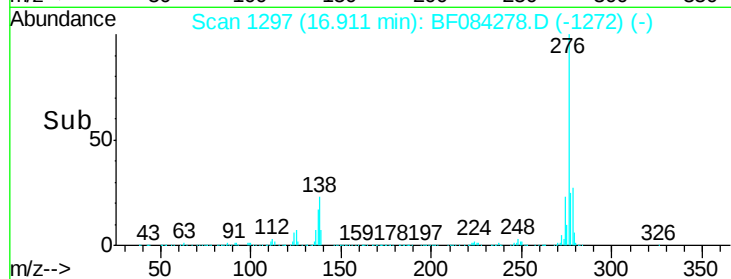
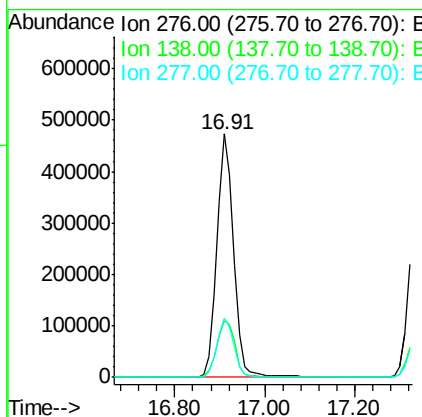
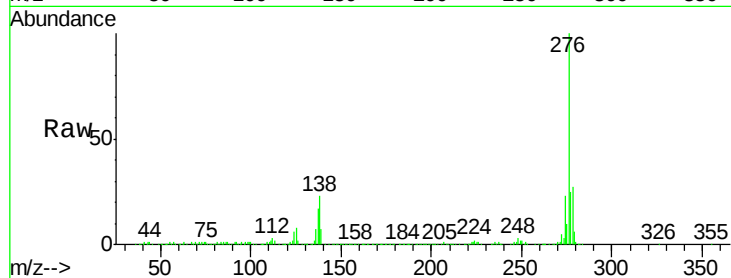




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.28 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

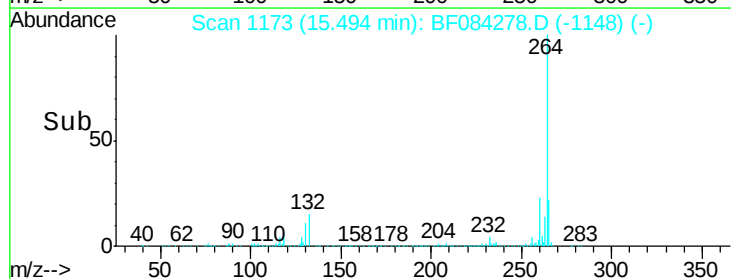
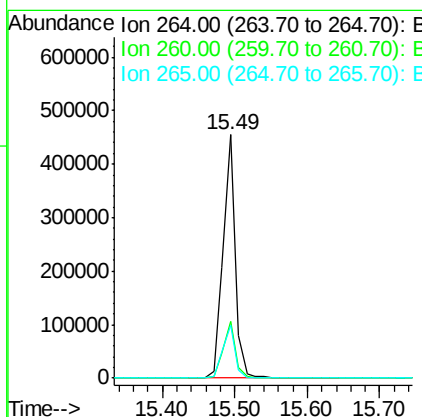
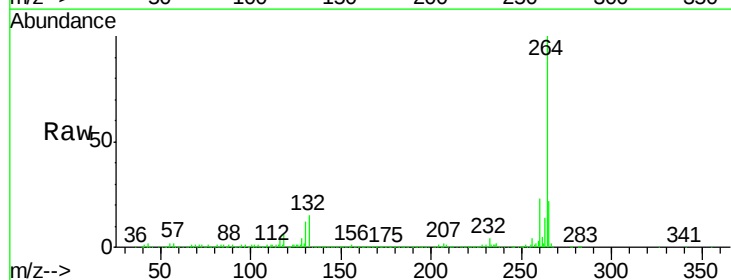
Instrument :
 BNA_F
 ClientSampleId :

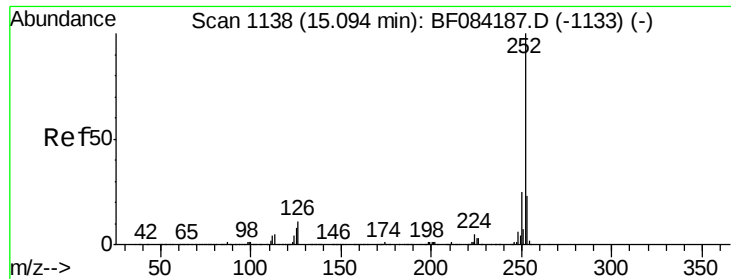
Tot Ion:276 Resp: 1229785
 Ion Ratio Lower Upper
 276 100
 138 25.7 20.6 30.8
 277 24.9 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084278.D
 Acq: 5 Jan 2016 11:01

Tgt Ion:264 Resp: 533662
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.9 17.8 26.6

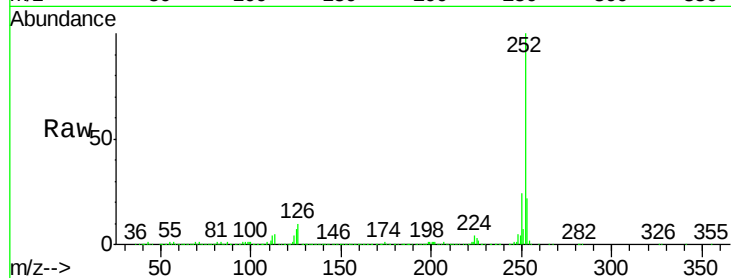




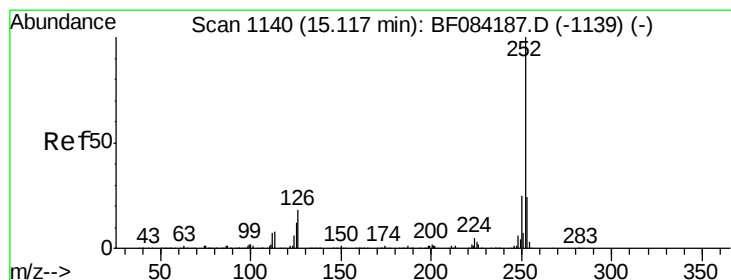
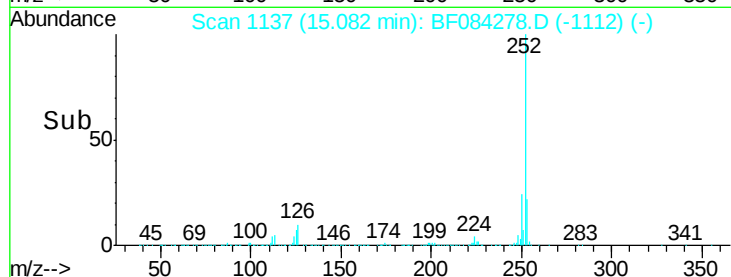
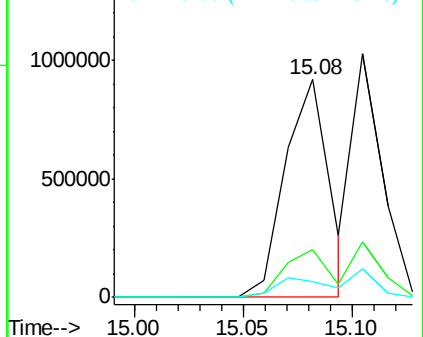
#87
Benzo(b)fluoranthene
Concen: 37.05 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1293533
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 7.4 6.5 9.7

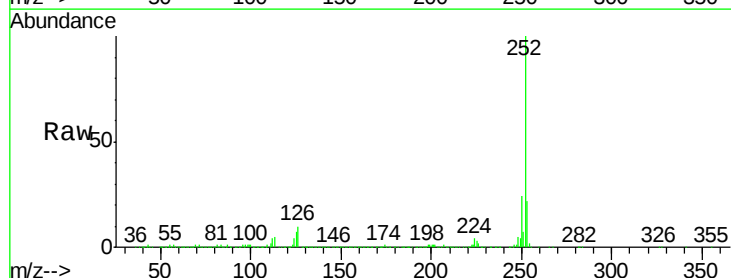


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

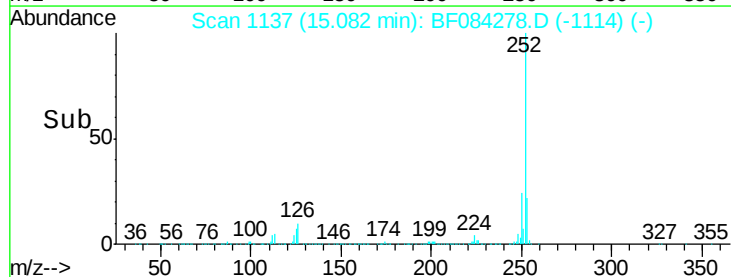
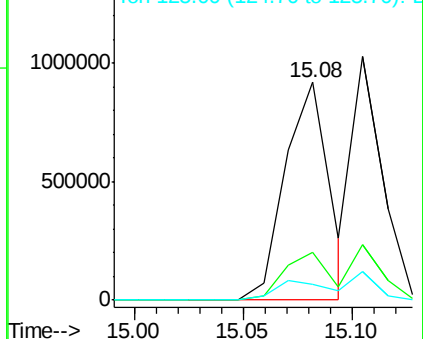


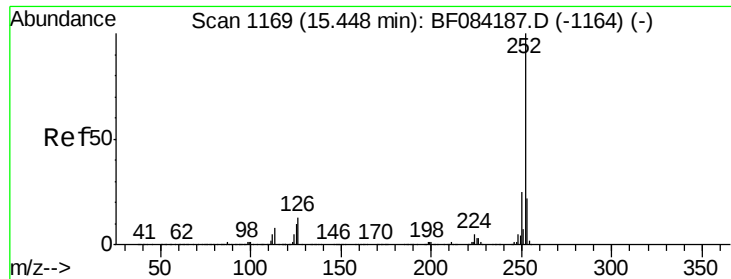
#88
Benzo(k)fluoranthene
Concen: 45.31 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:252 Resp: 1293533
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 7.4 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

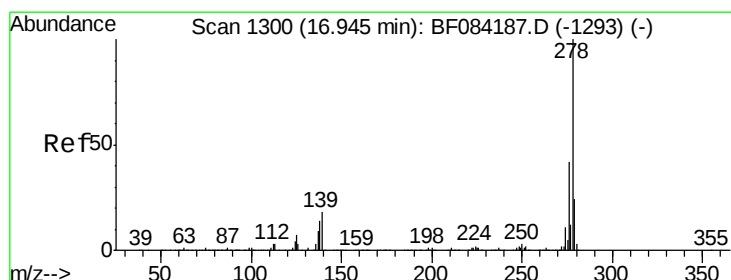
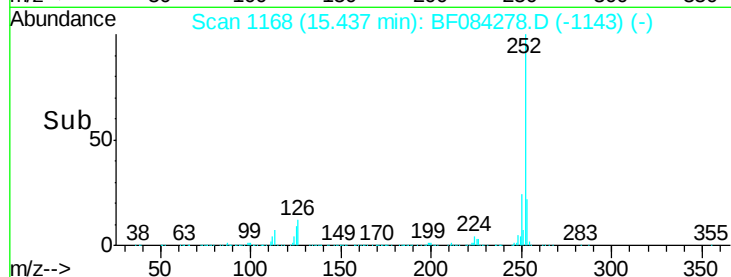
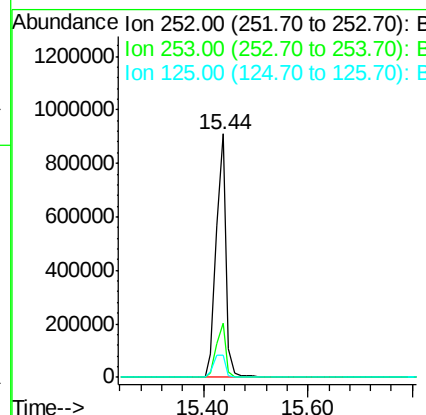
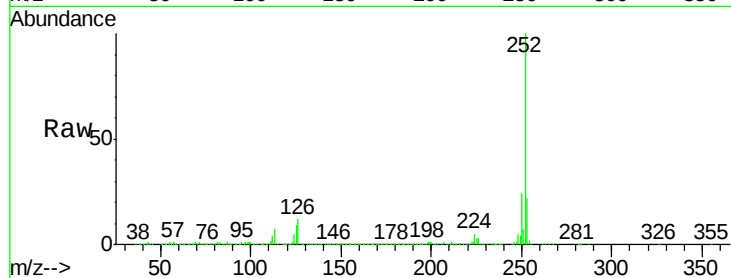




#89
Benzo(a)pyrene
Concen: 39.89 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

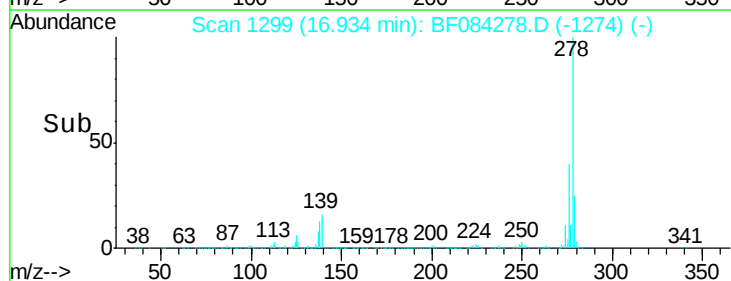
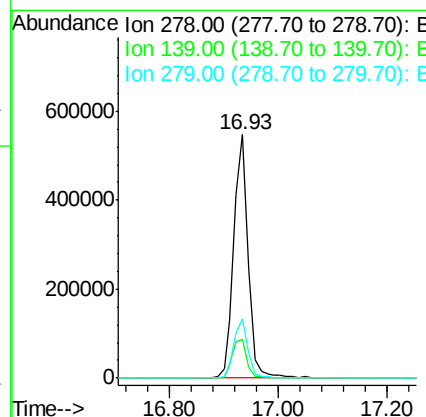
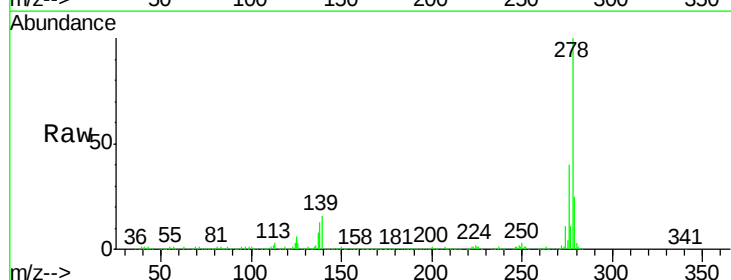
Instrument :
BNA_F
ClientSampleId :

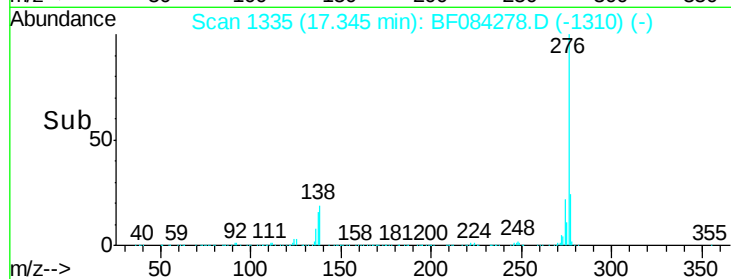
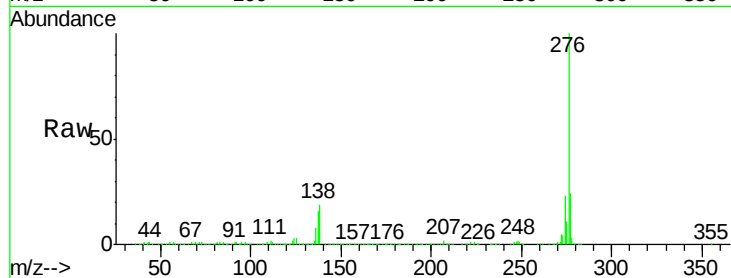
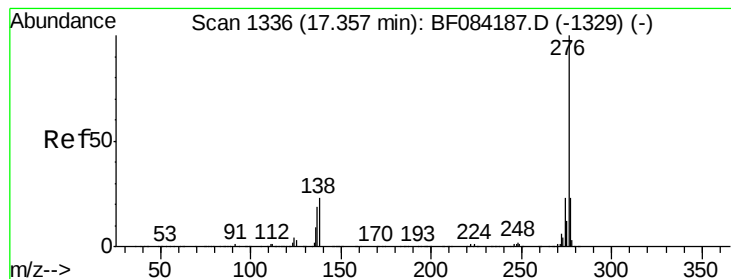
Tot Ion:252 Resp: 1181216
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.2 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 39.47 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF084278.D
Acq: 5 Jan 2016 11:01

Tgt Ion:278 Resp: 1005537
Ion Ratio Lower Upper
278 100
139 15.8 15.0 22.4
279 24.6 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 38.07 ng

RT: 17.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF084278.D

Acq: 5 Jan 2016 11:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1004467

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	19.0	17.8	26.6

